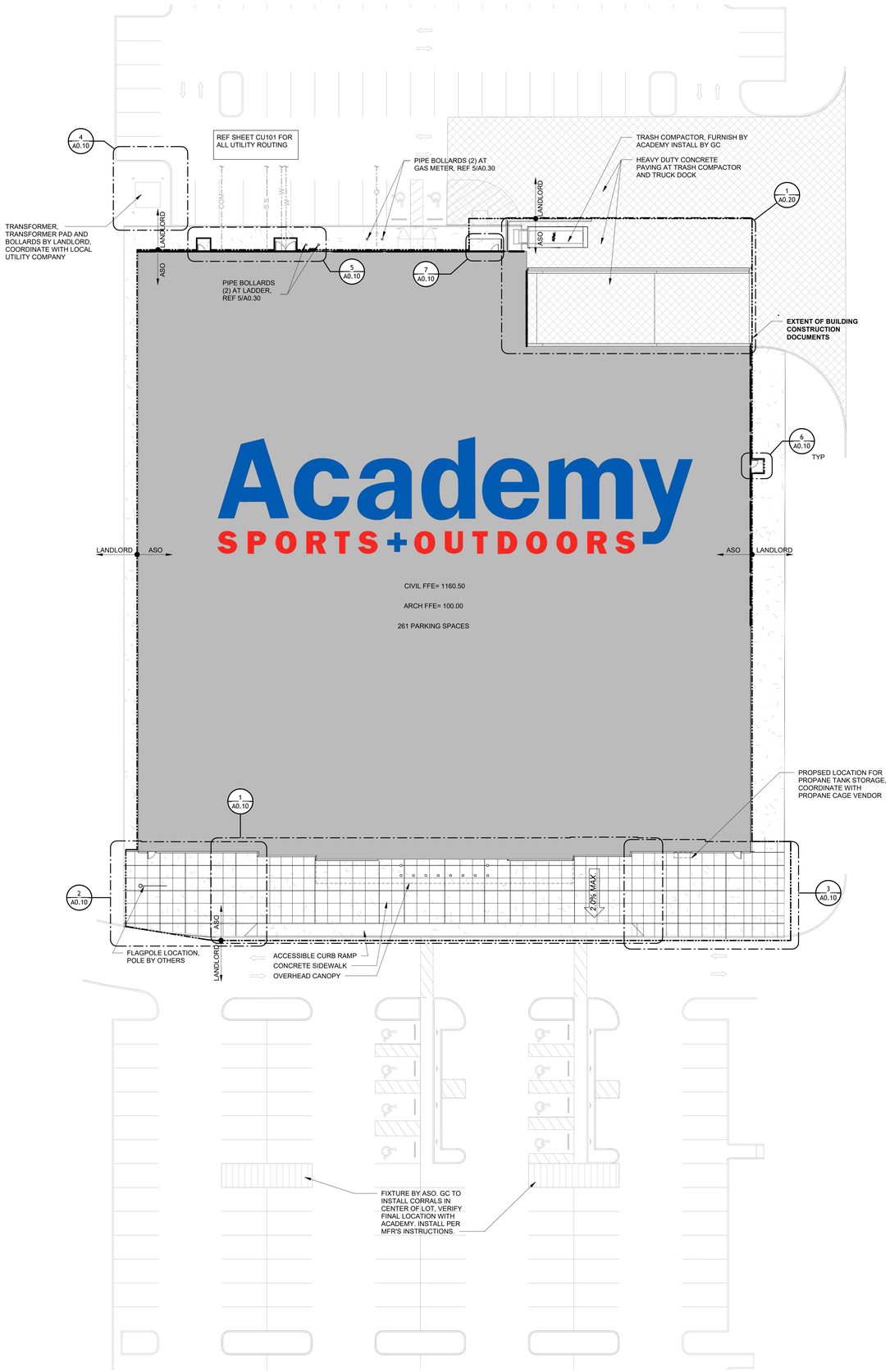


SITE PLAN GENERAL NOTES

1. REFER TO CIVIL DRAWINGS FOR PAVING/SITE DETAILS
2. REFER TO CIVIL DRAWINGS FOR ALL ACCESSIBLE ROUTES TO AND FROM THE BUILDING.
3. REFER TO CIVIL DRAWINGS FOR ALL ACCESSIBLE PARKING, SIGNAGE, AND STRIPING.
4. REFER TO CIVIL DRAWINGS FOR ALL PARKING DETAILS AND DIMENSIONS.
5. REFER TO CIVIL DRAWINGS FOR ALL PROPOSED LANDSCAPING.
6. REFER TO CIVIL DRAWINGS FOR FIRE LANE STRIPING AND SIGNAGE.
7. REFER TO CIVIL DRAWINGS FOR ALL UTILITY SERVICES TO THE SITE
8. BUILDING CONTRACTOR TO VERIFY EXACT LOCATION OF BUILDING WITH CIVIL DRAWINGS PRIOR TO CONSTRUCTION OF THE BUILDING.
9. CONTRACTOR SHALL COORDINATE WITH THE CIVIL DRAWINGS ENGINEER AND WITH THE LOCAL UTILITY COMPANIES FOR ALL PUBLIC UTILITIES
10. THE BUILDING CONTRACTOR IS RESPONSIBLE FOR ANY SIDEWALKS ADJACENT TO THE BUILDING, THE LOADING DOCK, AND TRASH COMPACTOR HEAVY DUTY PAVING.
11. CARE SHALL BE TAKEN WITH NEW CONSTRUCTION ALONG ADJACENT PROPERTY LINES. ADJACENT PROPERTY SHALL BE ALTERED ONLY AS SPECIFICALLY REQUIRED AND SHALL BE RESTORED TO ORIGINAL CONDITION BY THE CONTRACTOR.
12. THE BUILDING CONTRACTOR TO COORDINATE ALL STAGING AREAS WITH ACADEMY PROJECT MANAGER AND SHALL NOT DISTURB OR INTERRUPT ADJACENT PROPERTIES.
13. THE BUILDING CONTRACTOR SHALL NOT RESTRICT ACCESS TO ADJACENT SITES OR ROADWAYS.
14. PROPER SITE DRAINAGE SHALL BE ESTABLISHED PRIOR TO START OF CONSTRUCTION AND THROUGHOUT ENTIRE CONSTRUCTION PROCESS PER SITE CIVIL DRAWINGS.
15. COORDINATE WITH THE SITE CIVIL DRAWINGS ON THE LOCATION OF EXISTING POWER POLES AND HYDRANTS PRIOR TO THE INSTALLATION OF SIDEWALKS.
16. 3'-0" OF CLEARANCE SHALL BE MAINTAINED AROUND ALL FIRE HYDRANTS.
17. FIRE DEPARTMENT CONNECTIONS SHALL BE BETWEEN 2'-0" AND 4'-0" ABOVE FINISHED GRADE.
18. BUILDING/SITE CONTRACTOR TO PROVIDE BOLLARDS AROUND THE TRANSFORMER. TOTAL NUMBER OF BOLLARDS AND EXACT LOCATION TO BE COORDINATED WITH CITY AND POWER COMPANY REGULATIONS.
19. PROVIDE BOLLARDS AROUND THE GAS METER. TOTAL NUMBER OF BOLLARDS AND EXACT LOCATION TO BE COORDINATED WITH CITY AND GAS COMPANY REGULATIONS.
20. BUILDING CONTRACTOR SHALL COORDINATE LOCATION OF HIRING TRAILERS WITH ACADEMY.
21. REFER TO ACADEMY DESIGN CRITERIA MANUAL FOR SITE RELATED PAINT REQUIREMENTS.

SITE PLAN SHEET NOTES

1. DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
2. VERIFY ALL SITE DIMENSIONS WITH CIVIL DRAWINGS.
3. COORDINATE WITH CIVIL DRAWINGS FOR GRADES AT WALKS AND PAVING.
4. SLOPES OF ALL WALKS NOT TO EXCEED 1:20 (5%) WITH A CROSS SLOPE NOT TO EXCEED 1:50 (2%).
5. 1/2" HT. MAXIMUM THRESHOLDS AT ALL ENTRY/EXIT DOORS
6. PROVIDE A MINIMUM 5' X 5' LANDING AREA OF CONCRETE PAVEMENT ADJACENT TO ANY ENTRY/EXIT DOORS NOT TO EXCEED 1:50 (2%) SLOPE IN ANY DIRECTION.
7. GRADE OF 5' X 5' LANDING IS TO BE FLUSH WITH FINISH FLOOR ELEVATION AT ALL EXIT DOORS.
8. ACCESSIBLE PARKING SPACES SHALL NOT EXCEED 1:50 (2%) SLOPE IN ANY DIRECTION.
9. SPACE EXPANSION JOINTS TO ALIGN WITH CONCRETE TILT-WALL PANEL JOINTS OR EVENLY AS SHOWN - 25'-0" MAXIMUM SPACING.
10. SPACE CONTROL JOINTS EVENLY BETWEEN EXPANSION JOINTS AS SHOWN - 5'-0" MAXIMUM SPACING BETWEEN CONTRACTION JOINTS.
11. DOWNSPOUTS TIE INTO STORM SEWER. COORDINATE WITH CIVIL DRAWINGS.
12. CONCRETE WALKS WITHIN LIMITS OF WORK TO BE 4" THICK 3500 PSI COMPRESSIVE STRENGTH CONCRETE WITH #3 REBAR AT 16" OC EACH WAY WHERE NOT SPECIFIED BY STRUCTURAL / CIVIL
13. MAINTAIN OVERALL SITE FOOT CANDLE VALUES OF 3.5 AVERAGE.

BUILDING CONSTRUCTION DOCUMENTS

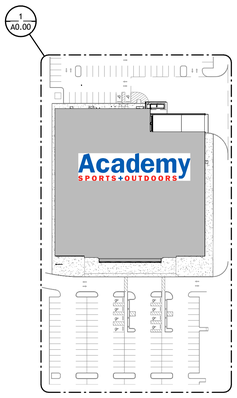
SCOPE INCLUDES ALL BUILDING ITEMS SHOWN WITHIN THE "EXTENTS OF BUILDING CONSTRUCTION DOCUMENTS" AS DESIGNATED. THIS SCOPE WILL BE BID AND CONSTRUCTED BY ACADEMY.

SITE CONSTRUCTION DOCUMENTS

SCOPE INCLUDES ALL SITE CIVIL, ARCHITECTURAL, MEP, AND LANDSCAPING DRAWINGS AND SPECIFICATIONS AS REQUIRED OUTSIDE THE "EXTENTS OF BUILDING CONSTRUCTION DOCUMENTS". THIS SCOPE WILL BE BID AND CONSTRUCTED BY THE DEVELOPER.

SITE EQUIPMENT MATRIX

EQUIPMENT	FURNISH	INSTALL
CART CORRAL	ASO	GC
PARKING LOT LIGHT POLE	LL	LL
PARKING LOT LIGHT POLE BASE	LL	LL
CONCRETE WHEEL STOPS	LL	LL
ADA PARKING SIGNAGE	LL	LL
PEDESTRIAN SIGNAGE	LL	LL
PARKING LOT PAVING	LL	LL.
PARKING LOT CONCRETE CURB / FLATWORK	LL	LL
LANDSCAPING	LL	LL
GROUND STRIPING / ADA STRIPING	LL	LL
HEAVY DUTY CONCRETE AT DOCK	GC	GC
DOCK EQUIPMENT	GC	GC
TRASH COMPACTOR	ASO	ASO



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SITE PLAN

SHEET: A0.00

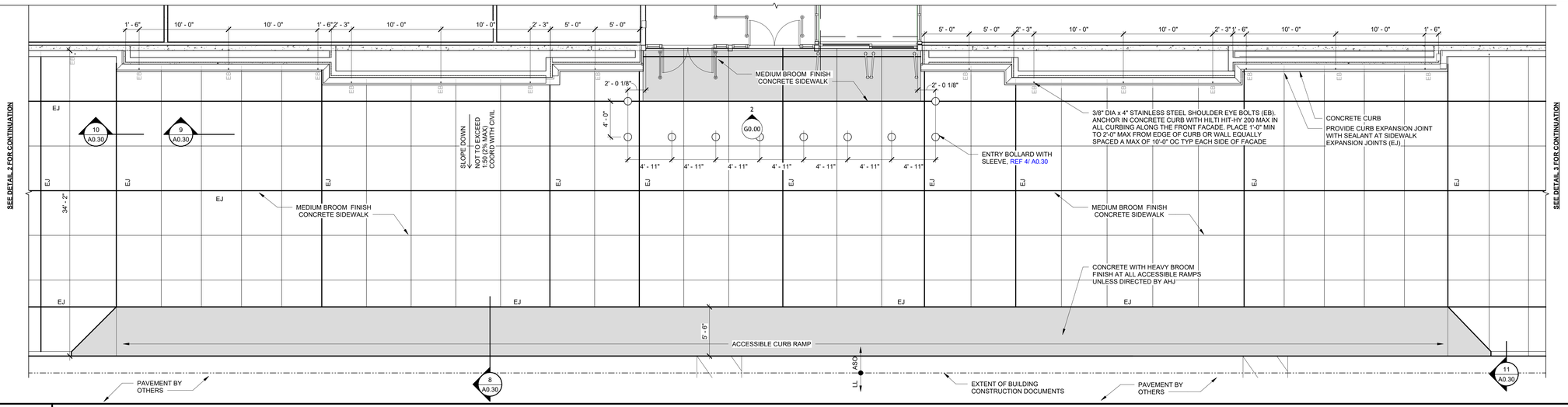
1 **SITE PLAN** 1" = 20'-0"

N

REF 2 / A0.00

2 **KEY PLAN** 1" = 100'-0"

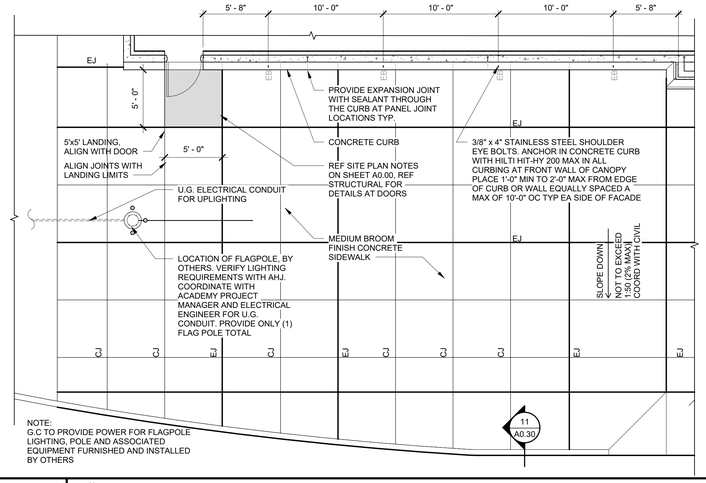
REF 1 / A2.00



1 ENLARGED SIDEWALK PLAN
3/16" = 1'-0"

N

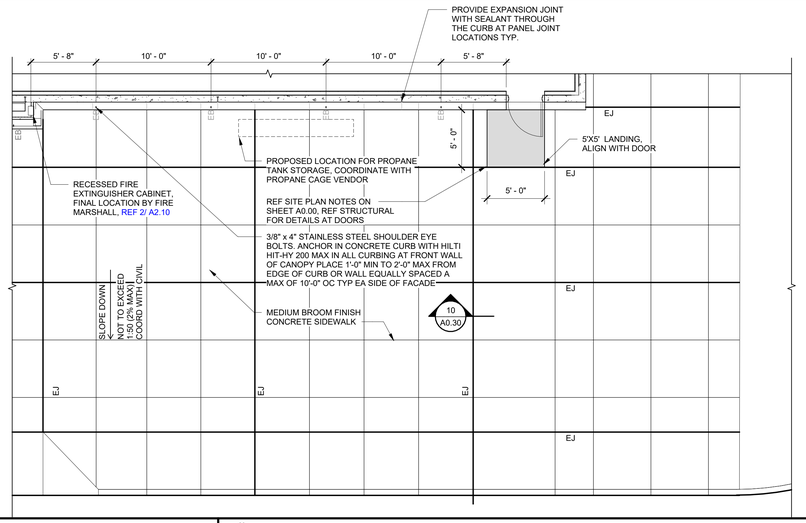
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2 ENLARGED SIDEWALK PLAN
3/16" = 1'-0"

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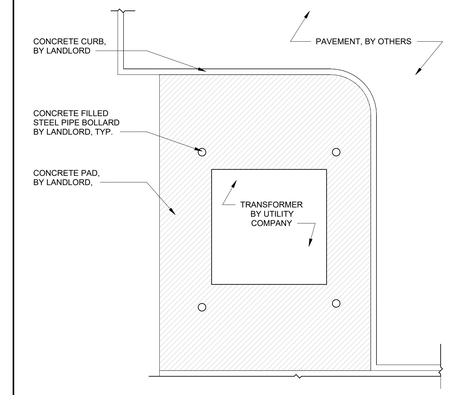
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3 ENLARGED SIDEWALK PLAN
3/16" = 1'-0"

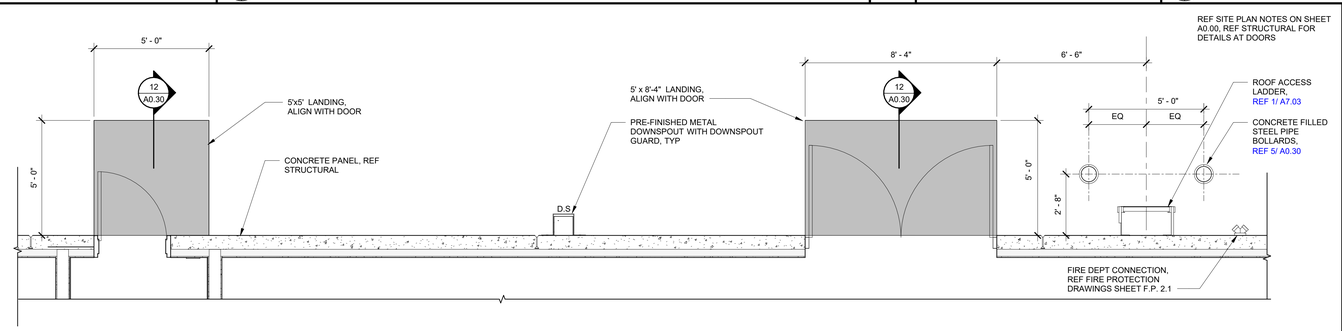
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REF 1 /A0.00



4 ENLARGED PLAN AT TRANSFORMER
3/16" = 1'-0"

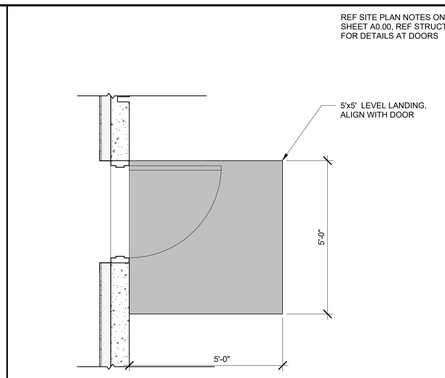
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5 ENLARGED PLAN AT REAR
3/8" = 1'-0"

N

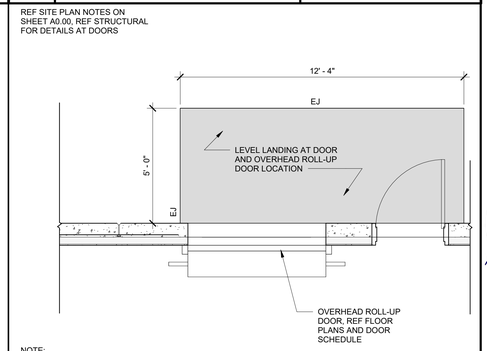
REF 1 /A0.00



6 TYP EGRESS PLAN
1/2" = 1'-0"

N

REF 1 /A0.00



NOTE:
REFER TO CIVIL PLANS AND DETAILS FOR ALL ASPECTS OF RAMP DESIGN, GRADES, AND SLOPES. ARCHITECTURAL DETAILS WITHIN THIS SET ARE FOR REFERENCE ONLY.

7 REAR DOOR RAMP PLAN
3/8" = 1'-0"

N

REF 1 /A0.00

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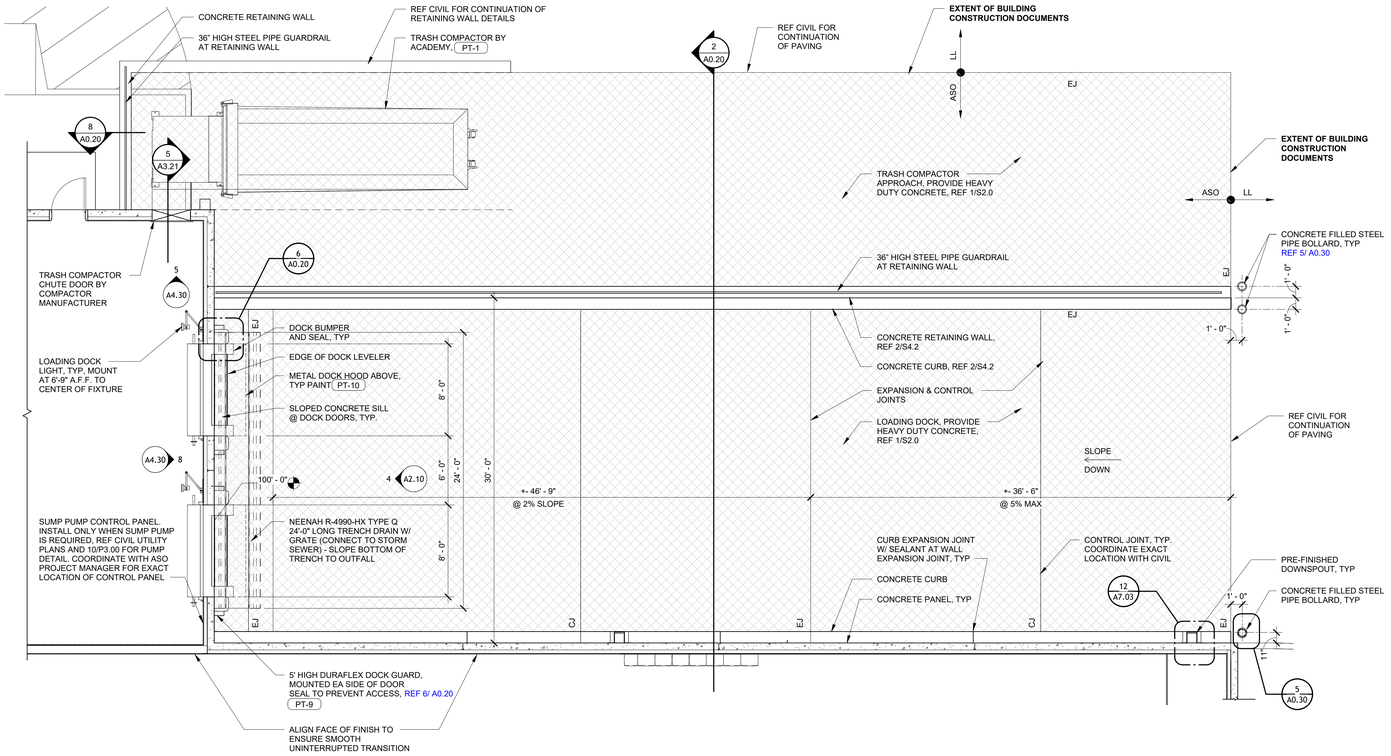
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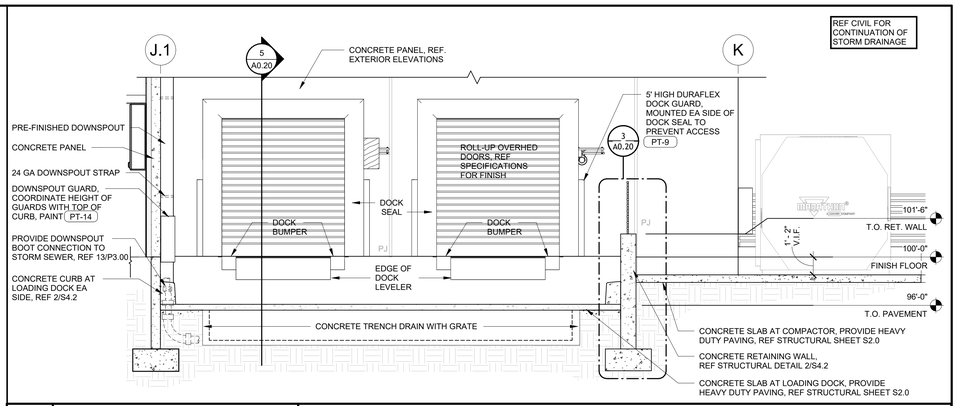
ENLARGED SITE PLAN

SHEET:
A0.10



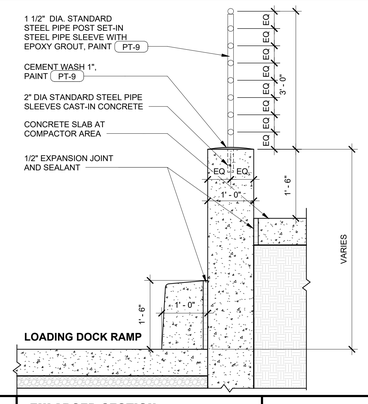
1 ENLARGED TRUCK DOCK
3/16" = 1'-0"

REF 1 /A0.00



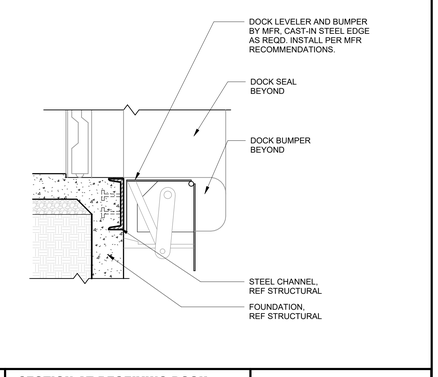
2 TRUCK DOCK SECTION
1/4" = 1'-0"

REF 1 /A0.20



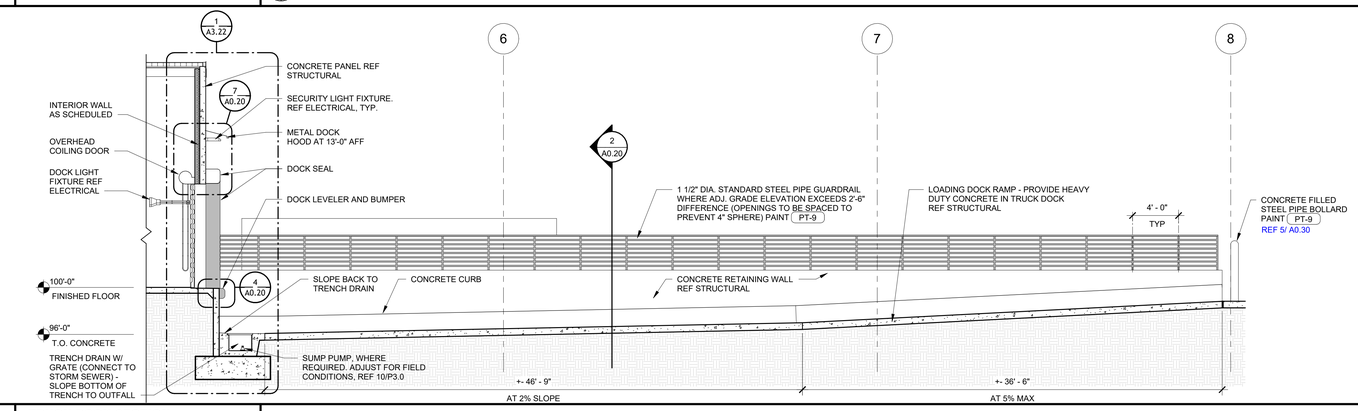
3 ENLARGED SECTION
3/4" = 1'-0"

REF 2 /A0.20



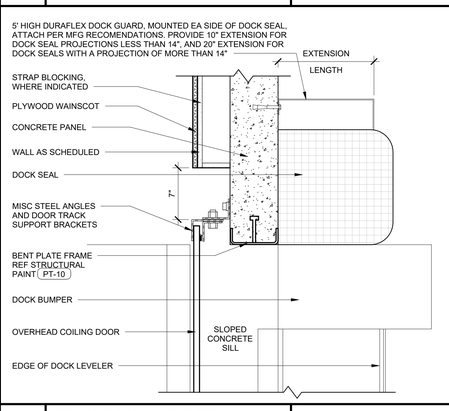
4 SECTION AT RECEIVING DOCK
1" = 1'-0"

REF 5 /A0.20



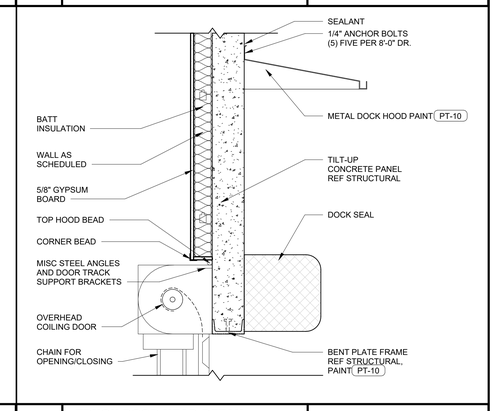
5 TRUCK DOCK SECTION
3/16" = 1'-0"

REF 2 /A0.20



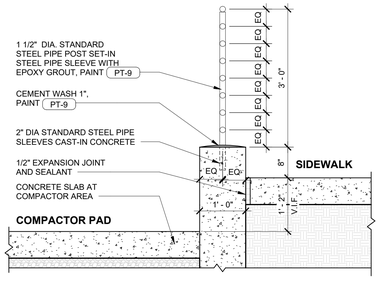
6 TRUCK DOCK JAMB DETAIL
1 1/2" = 1'-0"

REF 1 /A0.20



7 TRUCK DOOR HEAD DETAIL
1" = 1'-0"

REF 5 /A0.20



8 ENLARGED SECTION
3/4" = 1'-0"

REF 1 /A0.20

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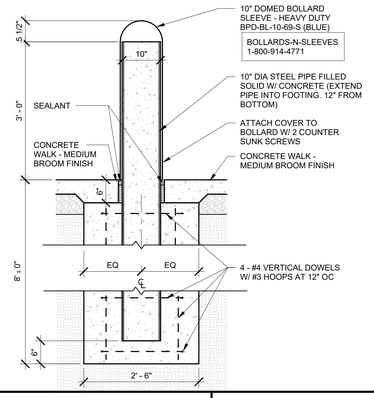
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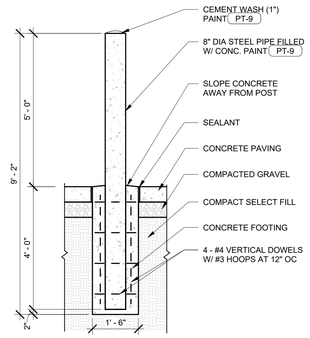
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TRUCK DOCK PLANS AND SECTIONS

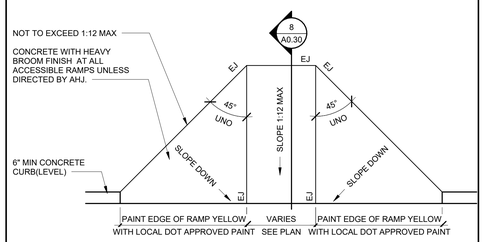
SHEET: A0.20



4 ENTRY BOLLARD — 3/4" = 1'-0" — REF 1 /A2.10

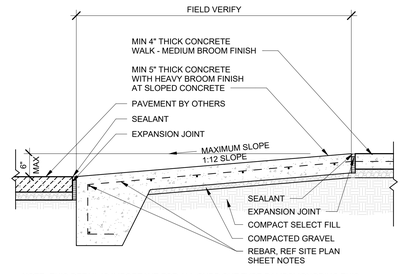


5 PIPE BOLLARD — 1/2" = 1'-0" — REF 1 /A0.20



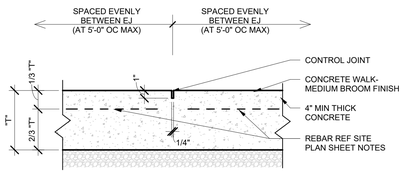
NOTE: RAMP SHALL CONFORM TO ADA, LOCAL, AND STATE REQUIREMENTS.

7 ACCESSIBLE CURB RAMP — 3/8" = 1'-0" — REF /

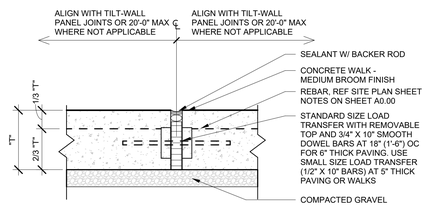


NOTE: THIS DETAIL IS IMPORTANT FOR ALL CURB CUT TYPE RAMPS! IGNORING THIS DETAIL WILL RESULT IN A FAILED ADA INSPECTION. IN THE EVENT OF A FAILED INSPECTION, CONTRACTOR WILL BE REQUIRED TO RE-DO THE RAMP AT THEIR EXPENSE.

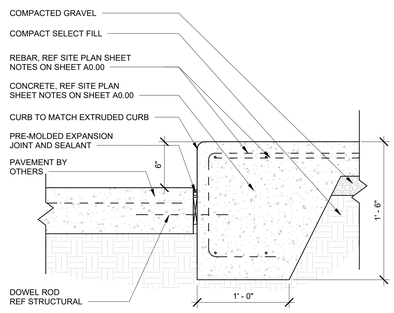
8 ACCESSIBLE CURB RAMP SECTION — 3/4" = 1'-0" — REF 1 /A0.10



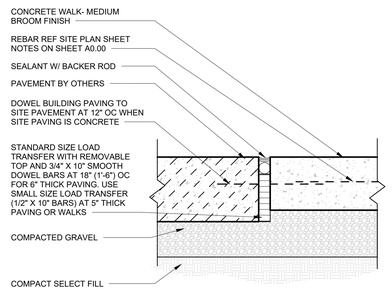
9 SIDE WALK CONTROL JOINT — 1 1/2" = 1'-0" — REF 1 /A0.10



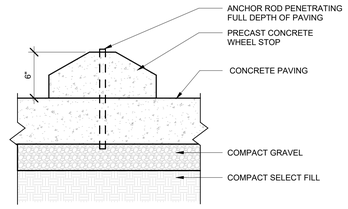
10 SIDE WALK EXPANSION JOINT — 1 1/2" = 1'-0" — REF 1 /A0.10



11 CURB DETAIL — 1 1/2" = 1'-0" — REF 1 /A0.10



12 PAVEMENT TRANSITION — 1 1/2" = 1'-0" — REF 5 /A0.10



13 WHEEL STOP DETAIL — 1 1/2" = 1'-0" — REF /

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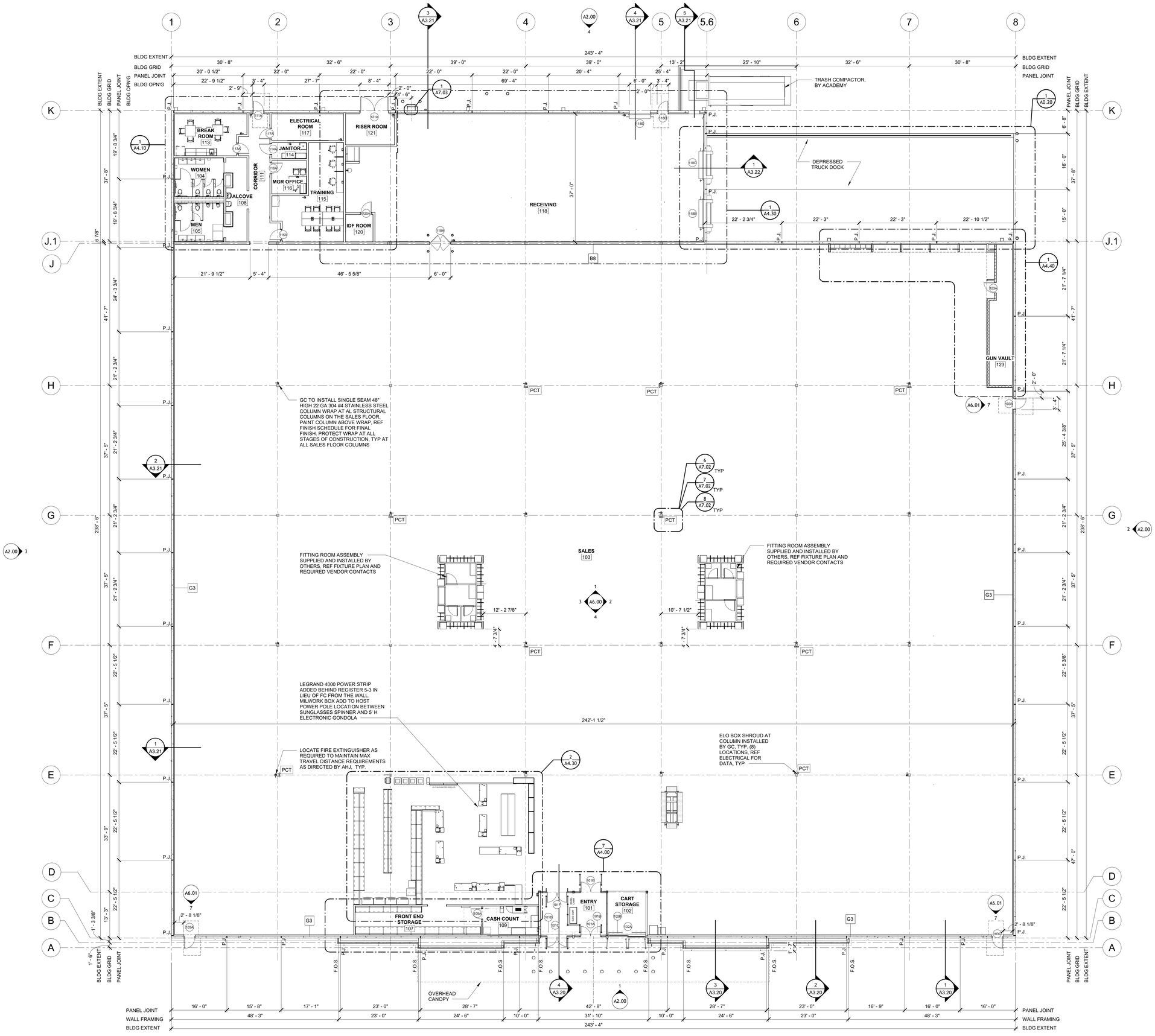
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SITE DETAILS

SHEET: A0.30



SHEET NOTES

1. VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD.
2. **ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD UNO.**
3. **ALL EXTERIOR DIMENSIONS ARE TO FACE OF WALL PANEL UNO.**
4. **ALL EXTERIOR DIMENSIONS AT 1/2" TILT-UP WALL PANEL JOINTS ARE TO CENTER OF THE JOINT.**
5. **ALL DIMENSIONS IDENTIFIED AS "CLEAR" OR "HOLD" ARE CRITICAL**
6. REFERENCE SHEET A3.10 FOR ALL PARTITION TYPES, INTERIOR WALL DETAILS AND NOTES.
7. REFERENCE WALL SECTIONS, ELEVATIONS, AND ROOM FINISH SCHEDULE FOR FINAL FINISHES/PAINT COLORS.
8. REFERENCE DOOR SCHEDULE ON SHEET A5.00 AND SPECS FOR DOORS.
9. PAINT ALL WALLS IN SALES TO DECK.
10. PROVIDE WALL BASE WHERE EXPOSED TO VIEW 3'-0" EACH SIDE OF DOORWAYS. REF SHEET A1.20 FOR FIXTURE PLAN LAYOUT.
11. PROVIDE GYP BOARD EXPANSION JOINTS AT ALL TILT-UP WALL PANEL JOINTS, ALL CASED OPENINGS, ALL COLUMNS, AND AT 30'-0" OC (IN THE REMAINING SPACE) FOR ALL WALLS.
12. COORDINATE/ALIGN PLYWOOD WALL SHEATHING EXPANSION JOINTS WITH GYP BOARD EXPANSION JOINT LOCATIONS.
13. ALL GYPSUM BOARD TO BE TYPE "X" FOR FIRE RATED WALLS.
14. ALL CONCEALED WOOD BLOCKING TO BE FIRE RETARDANT TREATED (CDX).
15. PROVIDE CDX WOOD BLOCKING AT ALL WALL MOUNTED FIXTURES AS INDICATED ON PLANS.
16. PHONE SYSTEM TO BE PROVIDED BY ACADEMY. REF ELECTRICAL PLANS FOR VOICE/DATA LOCATIONS.
17. REF ROOF PLAN ON SHEET A1.40 FOR DOWNSPOUT LOCATIONS.
18. INSTALL 5" DIA, 48" LONG PVC TUBE WITH SCREW CAP FOR PLAN STORAGE. MOUNT INSIDE ELECTRICAL ROOM. MOUNT TUBE 10'-0" AFF.

PARTITION TYPE NOTES

1. WALL PARTITION TYPES IDENTIFIED ON THIS SHEET ARE INDICATED ON EACH FLOOR PLAN IN ENTIRE SET.
2. REF PARTITION TYPE LEGEND ON SHEET A3.10 FOR STUD DEPTH.
3. METAL STUDS TO BE PLACED AT 16" OC UNO.
4. 3-5/8" BRACED METAL STUDS AND 6" BRACED METAL STUDS TO BE 20 GAUGE.
5. 6" UNBRACED METAL STUDS TO DECK TO BE 16 GAUGE. 8" UNBRACED METAL STUDS TO DECK TO BE 20 GAUGE.
6. PROVIDE ALTERNATING DIAGONAL STUD BRACING FROM DECK TO WALL STUD FRAMING ABOVE CEILING AT 48" OC FOR PARTITION STUDS THAT DO NOT EXTEND TO STRUCTURE ABOVE. GAUGE TO MATCH METAL STUD WALL GAUGE.
7. USE 5/8" GYP BD ON NON-RATED PARTITIONS UNO.
8. REF ROOM FINISH SCHEDULE FOR ADDITIONAL WALL FINISHES.
9. CONTINUE FINISH MATERIAL TO A MIN OF 6" ABOVE SUSPENDED CEILING SYSTEMS UNO. IF NO CEILING, FINISH MATERIAL TO GO TO TOP OF STUD.
10. REF EXTERIOR WALL SECTIONS FOR EXTERIOR WALL CONSTRUCTION FRAMING.
11. 1-HOUR FIRE RATED WALLS TO BE CONSTRUCTED PER UL# U465. USE FIRE TAPE AND FIRE SEALANT AT ALL PENETRATIONS. STENCIL RISER ROOM SIDE OF EACH WALL WITH "1 HOUR RATED WALL - UL# U465" SIGNAGE AT 8'-0" AFF. LETTERING TO BE 4" HIGH.

PARTITION TYPE LEGEND

LETTER INDICATES PARTITION TYPE — XX / A6 — SEE A3.10 FOR WALL TYPE; NUMBER INDICATES WALL HEIGHT; NUMBER INDICATES STUD DEPTH

2 - 2 1/2" METAL STUD
3 - 3 5/8" METAL STUD
6 - 6" METAL STUD
8 - 8" METAL STUD

NEW INTERIOR WALL

NEW INTERIOR WALL W/ SOUND INSULATION

NEW EXTERIOR STUD WALL W EIFS ABOVE AND EVOLVE STONE BELOW

NEW EXTERIOR CONCRETE TILT UP WALL PANELS, W STUD WALL & THERMAL INSULATION

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REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
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LICENSE NO.: 9753
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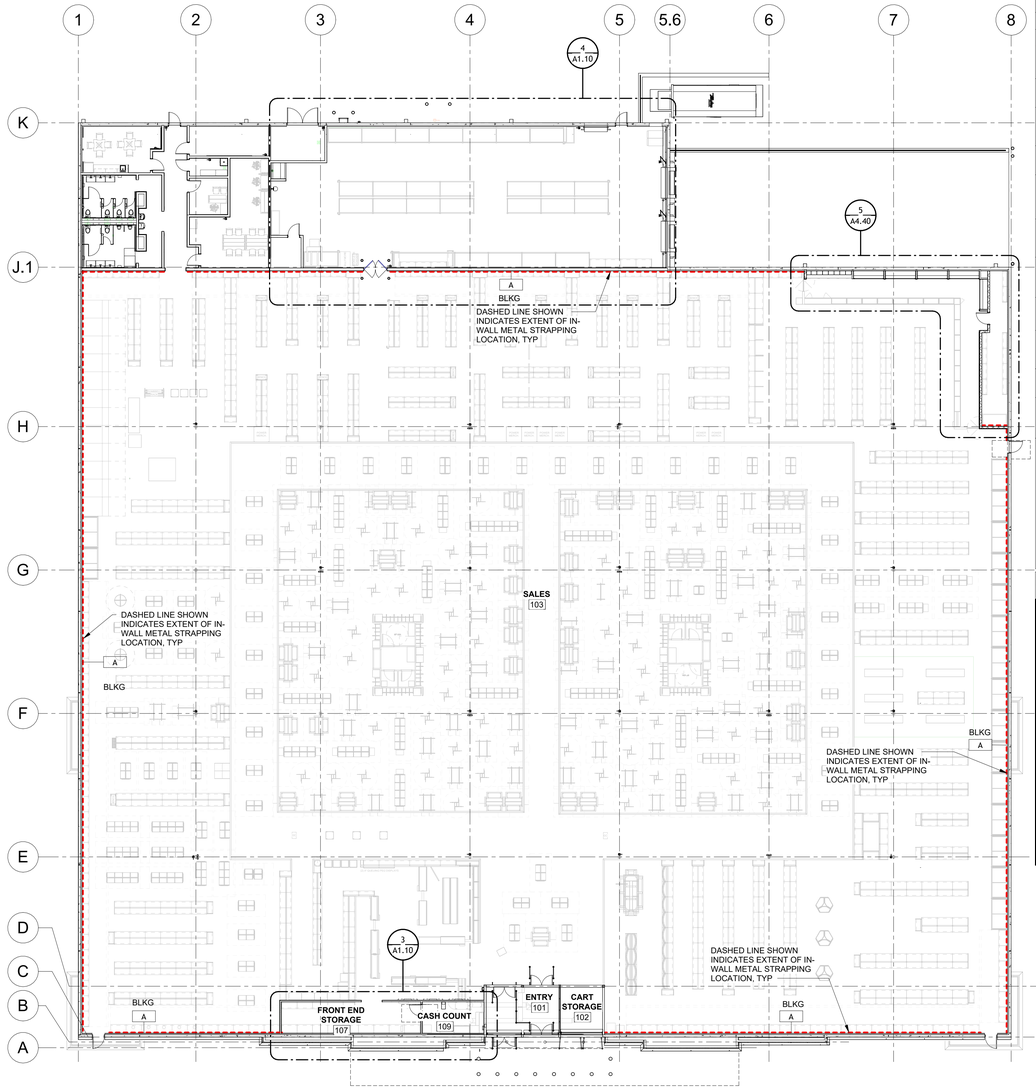
FLOOR PLAN

SHEET: A1.00

1 **FLOOR PLAN**
3/32" = 1'-0"

N

REF 1 / A2.00



LEGEND

NO.	TYPE / LOCATION(S)	INSTALL HEIGHT(S)
A	TYPICAL IN-WALL METAL STRAPPING FOR GONDOLAS (SALES FLOOR AREA)	PER GONDOLA IN-WALL METAL STRAPPING DETAIL REF 5/ A1.10
B	WAINSCOT - 1/2" PLYWOOD (RECEIVING AREA)	4' HIGH UNLESS NOTED OTHERWISE
C	WALL PANELS - 1/2" PLYWOOD PANELS CENTERED ON TRASH COMPACTOR OPENING (RECEIVING AREA)	7'-4" W X 10' H WITH CUTOUT FOR OPENING.
D	1/2" PLYWOOD PANELS ON METAL STUDS AND BEHIND WALL FINISHES	PLYWOOD WALL PANELS - FULL HEIGHT AND WIDTH OF WALL
E	WALL MOUNTED BRACKET FOR KAYAK STORAGE (RECEIVING AREA)	COORDINATE BLOCKING WITH KAYAK BRACKET ATTACHMENT LOCATIONS OR AS RECOMMENDED BY RACK MFR
F	WALL MOUNTED TV MONITOR, LIGHTED SIGNAGE, FIRE EXTINGUISHERS OR OTHER MISCELLANEOUS WALL MOUNTED ITEMS	2X OR PLYWOOD BLOCKING AS REQUIRED
G	SURFACE MOUNTED WOOD BLOCKING FOR GONDOLA SHELVING AT EXISTING STORES / EXISTING PARTITIONS ONLY	WOOD BLOCKING PER GONDOLA BLOCKING DETAILS REF -/ ---
H	SURFACE MOUNTED 1/2" PLYWOOD PANELS FOR MOUNTING EQUIPMENT - PAINT TO MATCH ADJACENT WALL SURFACES	FULL WIDTH OF WALL OR AS NOTED OTHERWISE
J	WASTE RECEPTACLE - RECESSED, AT RESTROOMS	PROVIDE 2X4 WOOD BLOCKING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS

BLOCKING LEGEND

CONTINUOUS STEEL MESH OVER METAL STUDS FROM FLOOR TO CEILING (GUN VAULT AREAS ONLY)

WOOD BLOCKING NOTES:
ALL 2X WOOD BLOCKING TO BE FIRE RETARDANT TREATED (CDX).

ALL PLYWOOD TO BE FIRE RETARDANT TREATED WHEN USED AS BLOCKING, FOR EQUIPMENT MOUNTING AND WHEN USED BEHIND WALL FINISH MATERIALS SUCH AS AT THE GUN VAULT ALCOVES.

ANY WOOD BLOCKING USED IN FIRE OR SMOKE RATED PARTITIONS SHALL MEET REQUIREMENTS FOR IBC SECTION 603 AND SHALL BE FIRE RETARDANT TREATED WOOD.

PLYWOOD WHEN USED EXPOSED AND PAINTED AS A FINISH MATERIAL SUCH AS IN THE GUN VAULT AND RECEIVING AREAS TO BE B/C INTERIOR PLYWOOD.

NOTE: GC TO PROVIDE PHOTO SUBMITTALS OF COMPLETED WALL BLOCKING PRIOR TO INTALLING WALL FINISH MATERIALS.

NEW INTERIOR WALL

NEW INTERIOR WALL W/ SOUND INSULATION

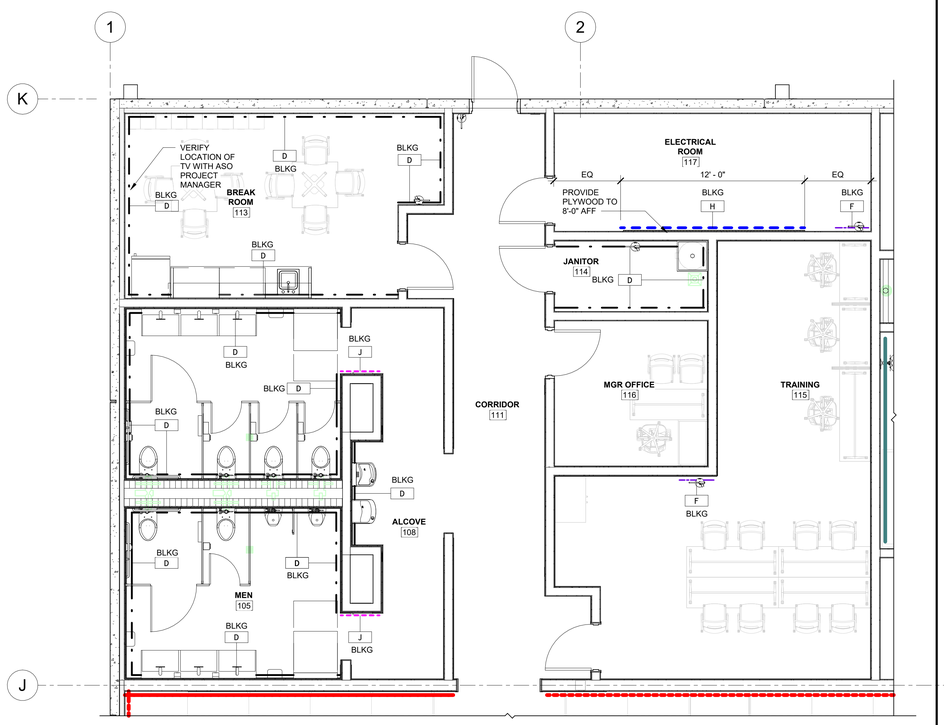
NEW EXTERIOR STUD WALL W EIFS ABOVE AND EVOLVE STONE BELOW

NEW EXTERIOR CONCRETE TILT UP WALL PANELS, W STUD WALL & THERMAL INSULATION

1 BLOCKING PLAN

1/16" = 1'-0"

REF 1 /A2.00



2 ENLARGED OFFICE BLOCKING PLAN

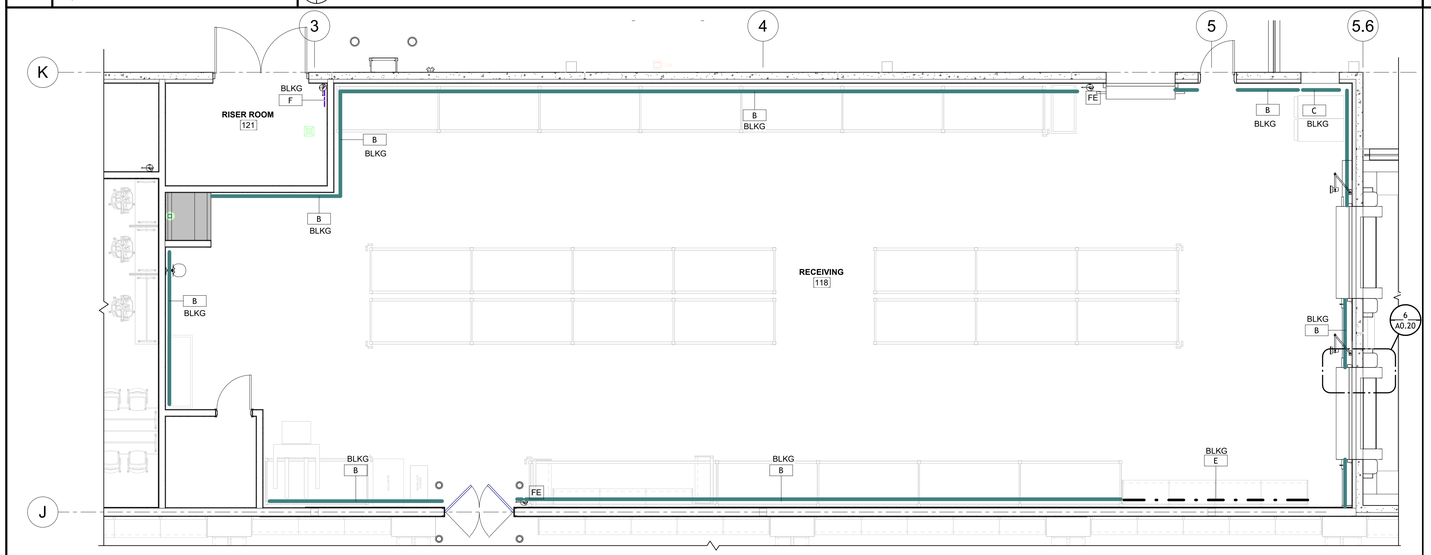
1/4" = 1'-0"

REF 1 /A2.00

3 CASH COUNT BLOCKING PLAN

1/4" = 1'-0"

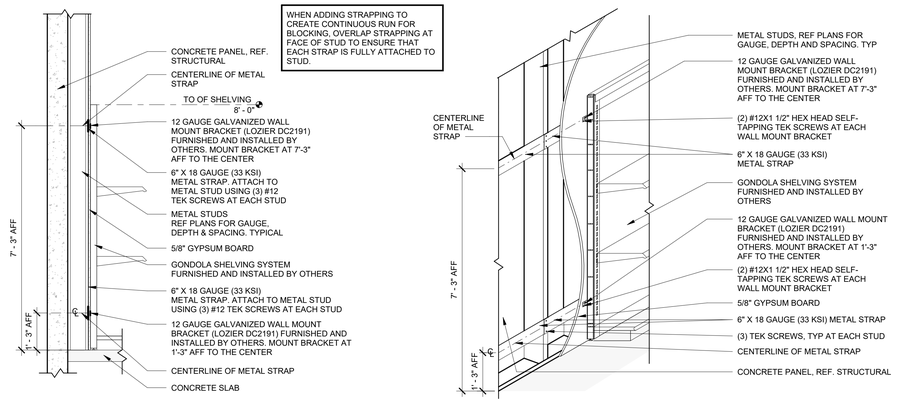
REF 1 /A1.10



4 RECEIVING AREA BLOCKING PLAN

3/16" = 1'-0"

REF 1 /A1.10



5 IN-WALL METAL STRAPPING

1/2" = 1'-0"

REF /

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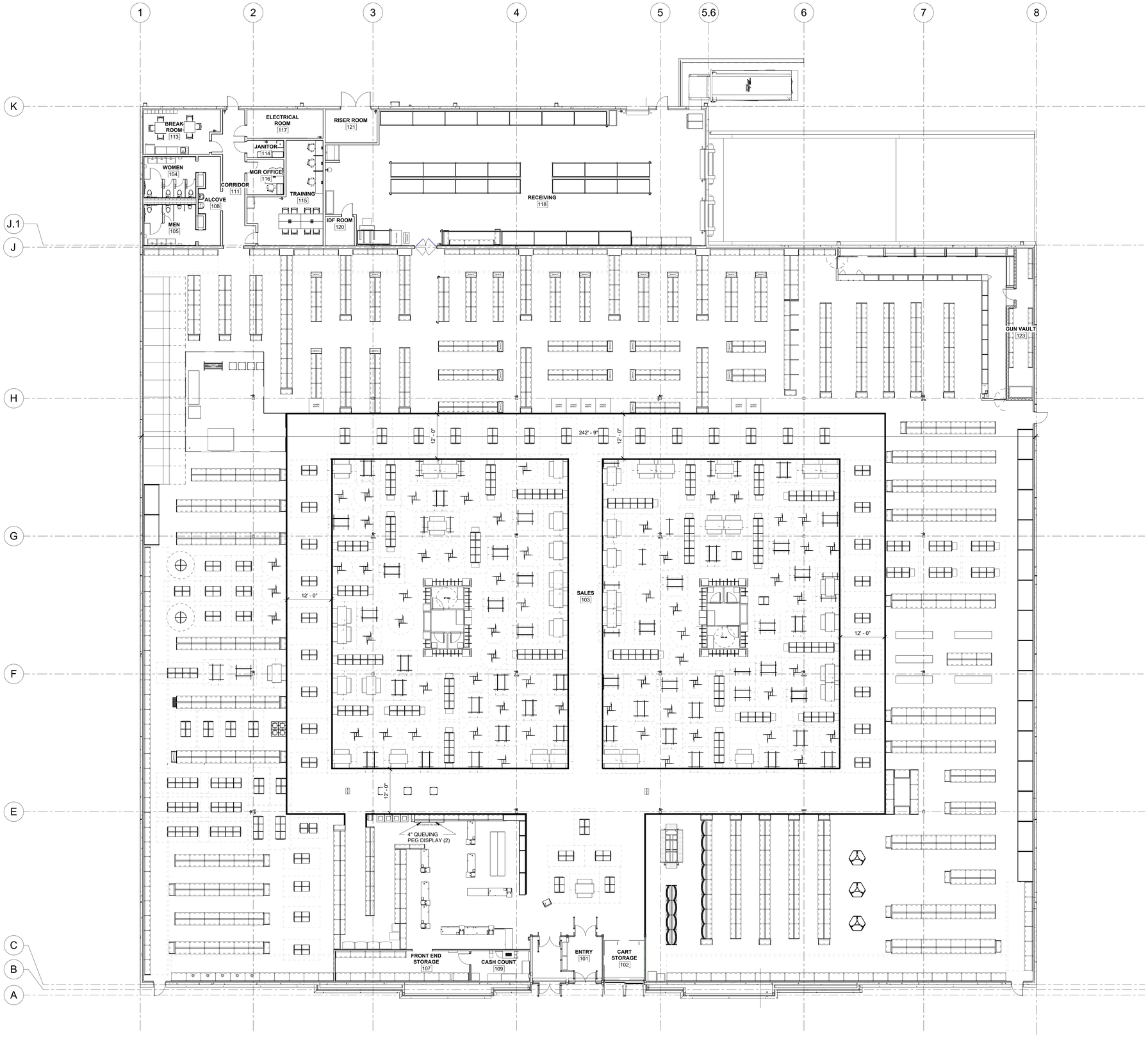
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BLOCKING PLAN

SHEET:
A1.10



FIXTURE PLAN GENERAL NOTES

1. PROVIDE THE FOLLOWING CLEAR AISLE WIDTHS:
   a. 32" CLEAR AISLE WIDTH MIN AT ALL STRUCTURAL COLUMNS, ONE SIDE OF AISLE FOR CLEAR GROUND SPACE (WHEELCHAIR). REF PLANS FOR SPECIFIC LOCATIONS.
   b. ALL AISLES MEET AND/OR EXCEED MIN WIDTH REQUIREMENTS FOR "CLEAR FLOOR AND/OR GROUND SPACE" PER CHAPTER 4 DEPARTMENT OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN
   c. ALL ADA CASHIER COUNTERS TO BE 34" AFF MAX.
2. PROVIDE DRESSING AREA IN COMPLIANCE WITH AHJ REQUIREMENTS AND ALL APPLICABLE ACCESSIBILITY STANDARDS.
3. LAYOUT PROVIDED FOR INFORMATIONAL PURPOSES ONLY.
4. ALL FIXTURES AND FINAL FIXTURE LAYOUT TO BE PROVIDED BY ACADEMY.
5. THIS FIXTURE PLAN HAS BEEN PREPARED BY ACADEMY AND IS PROVIDED FOR COORDINATION PURPOSES ONLY.
6. THE LOCATION OF ELECTRICAL OUTLETS, CONDUIT DROPS AND EQUIPMENT TO BE LOCATED IN THE SALES AREA AND SHOULD BE COORDINATED WITH ACADEMY'S FINAL FIXTURE LAYOUT.
7. MAX RACK HEIGHT = 10' - 0"

FIXTURE PLAN

RECEIVED FROM ACADEMY ON 09.24.25

FIXTURE PLAN

ISSUED ON 09.24.25

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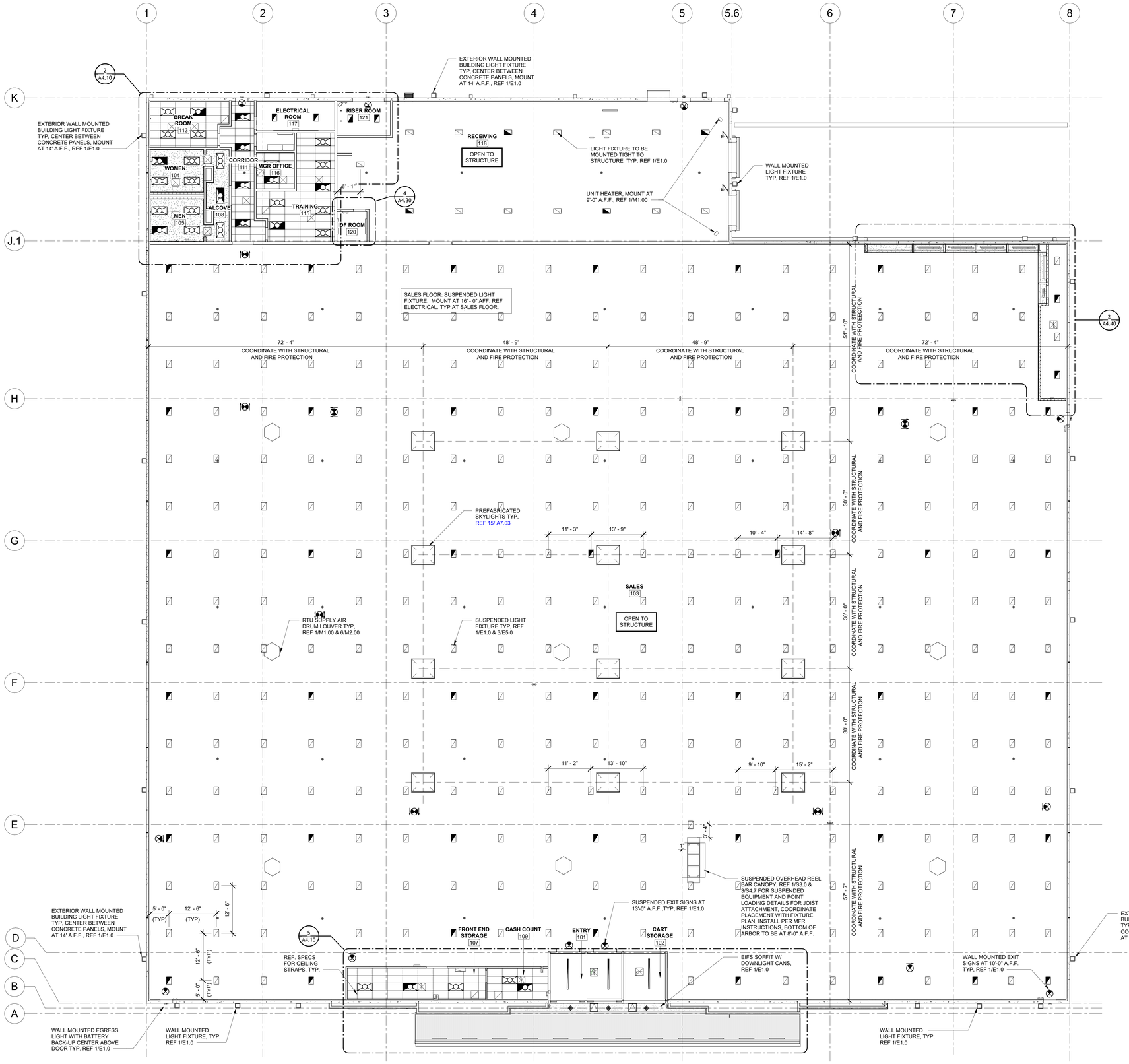
FIXTURE PLAN

SHEET: A1.20

1 **FIXTURE PLAN**
3/32" = 1'-0"

N

REF 1 / A2.00



SHEET LIGHTING NOTES

1. REFERENCE ELECTRICAL PLANS SHEET E1.0 FOR LIGHITNG FIXTURE DIMENSIONAL LAYOUT.
2. REFERENCE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION ON LIGHTING.
3. REFERENCE ROOF PLAN SHEET A1.40 FOR LOCATIONS AND ADDITIONAL INFORMATION ON SKYLIGHTS.
4. ALL PIPING, LIGHT FIXTURES, CONDUIT, DUCTWORK, ETC. SHALL BE INSTALLED TO PROVIDE A MIN OF 16' - 0" CLEARANCE AFF IN RECEIVING AREA.
5. ABSOLUTELY NOTHING TO PASS UNDER SKYLIGHTS. PIPING, CONDUIT, DUCTWORK ETC.
6. COORDINATE CEILING INSTALLATION AND SUSPENSION SYSTEM INSTALLATION WITH OTHER TRADES (FIRE PROTECTION, ELECTRICAL, SECURITY, MECHANICAL).
7. LOCATE ALL HVAC REGISTERS AND GRILLES 8" MINIMUM OFF OF ALL VERTICAL WALL SURFACES.
8. REFERENCE MECHANICAL DRAWINGS FOR LOCATION OF ALL SUPPLY AND RETURN GRILLES.
9. LIGHT FIXTURES LOCATED IN SALES FLOOR TO BE MOUNTED ON UNISTRUT. DO NOT HANG FROM DECK. REF ELECTRICAL DRAWINGS FOR DETAILS.
10. ABSOLUTELY NOTHING SHALL PASS UNDER SALES FLOOR LIGHT FIXTURES. ALL PIPING, CONDUIT, DUCTWORK, ETC, SHALL BE INSTALLED AS TO NOT INTERFERE WITH LIGHT FIXTURES.
11. SEE FINISH SCHEDULE TO VERIFY ALL CEILING HEIGHTS AND FINISHES UNLESS NOTED OTHERWISE.
12. PROVIDE AND INSTALL ACCESS PANELS IN GYP CEILING AT RESTROOMS, AND EXTERIOR ENTRANCE SOFFITS FOR MAINTENANCE ACCESS.

LEGEND

- LAY-IN LIGHT FIXTURE
- WALL/CEILING MOUNTED LIGHT FIXTURE
- SUSPENDED LIGHT FIXTURE
- EXTERIOR WALL MOUNTED LIGHT FIXTURE
- EXIT LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- EXTERIOR EMERGENCY LIGHT FIXTURE
- DRUM DIFFUSER LOCATION

1 REFLECTED CEILING PLAN
3/32" = 1'-0"

N

REF 1 / A2.00

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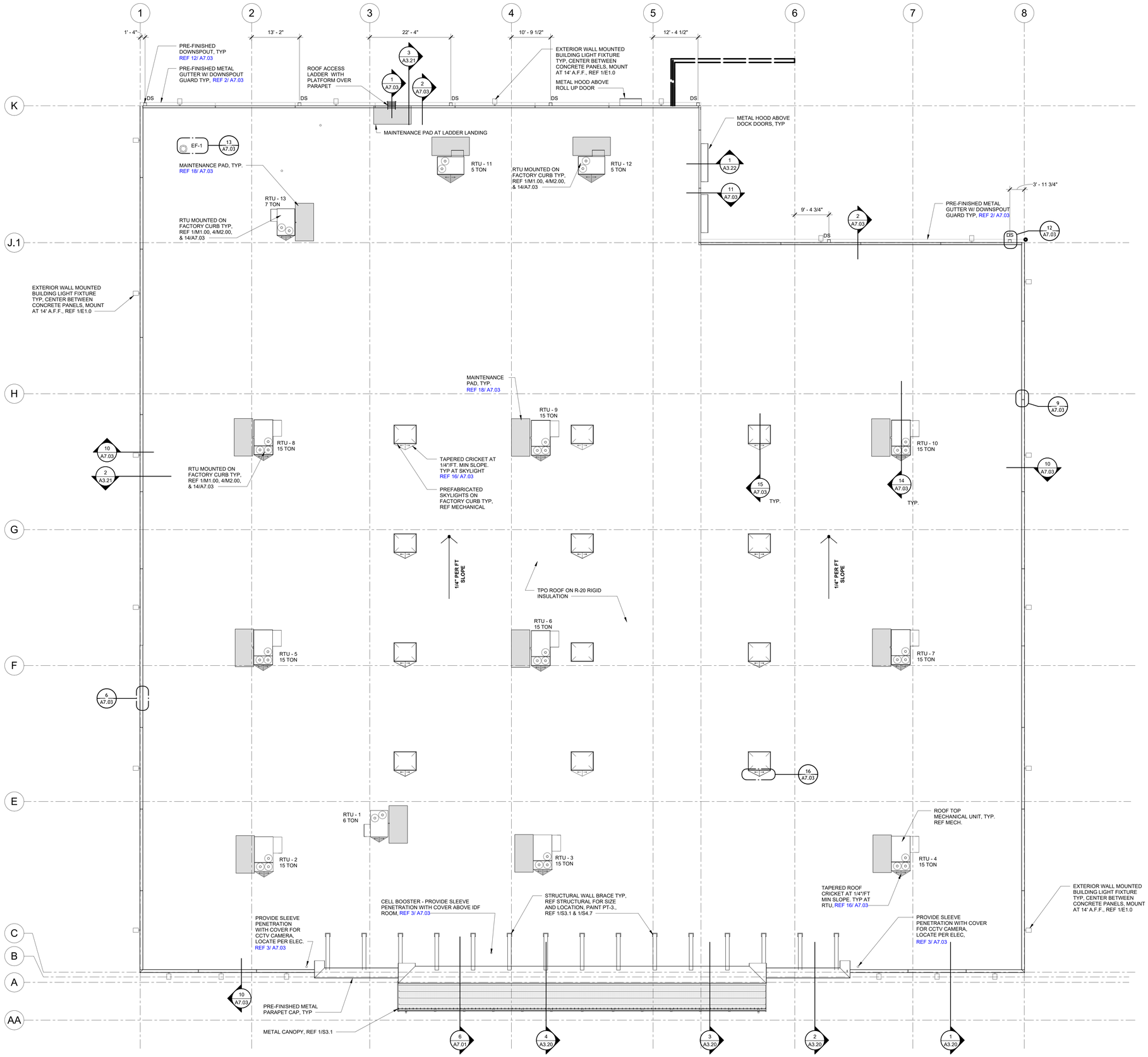
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REFLECTED CEILING PLANS

SHEET:
A1.30



SHEET NOTES

1. VERIFY ALL ROOF TOP UNITS WITH MECHANICAL DRAWINGS.
2. VERIFY DOWNSPOUT TO STORM DRAIN LINES OR DAYLIGHING AT GRADE, REF PLUMBING AND CIVIL DRAWINGS.
3. CONDENSATE DRAINAGE FOR NEW ROOF TOP UNITS SHOULD FACE THE REAR OF THE STORE.
4. PROVIDE HAIL GUARDS AT ALL ROOF TOP UNIT LOCATIONS.
5. VERIFY LOCATIONS OF ROOF OPENING FOR SKYLIGHT FRAMING.
6. PROVIDE WALKING PAD AT ROOF LADDER LANDING AND SERVICE SIDE OF ROOF TOP UNITS.
7. DS = DOWNSPOUT
8. RTU = ROOF TOP UNIT
9. EF = EXHAUST FAN

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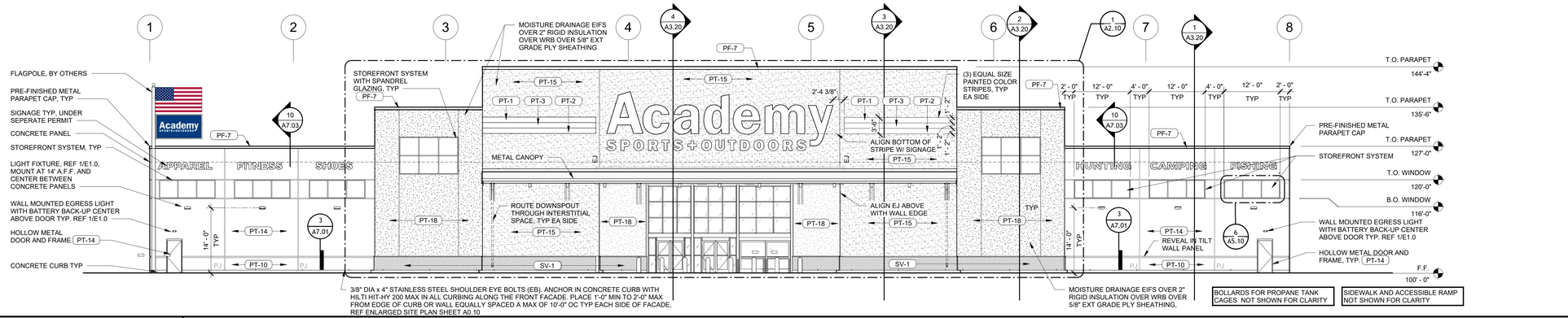
ROOF PLAN

SHEET:
A1.40

1 **ROOF PLAN**
3/32" = 1'-0"

N

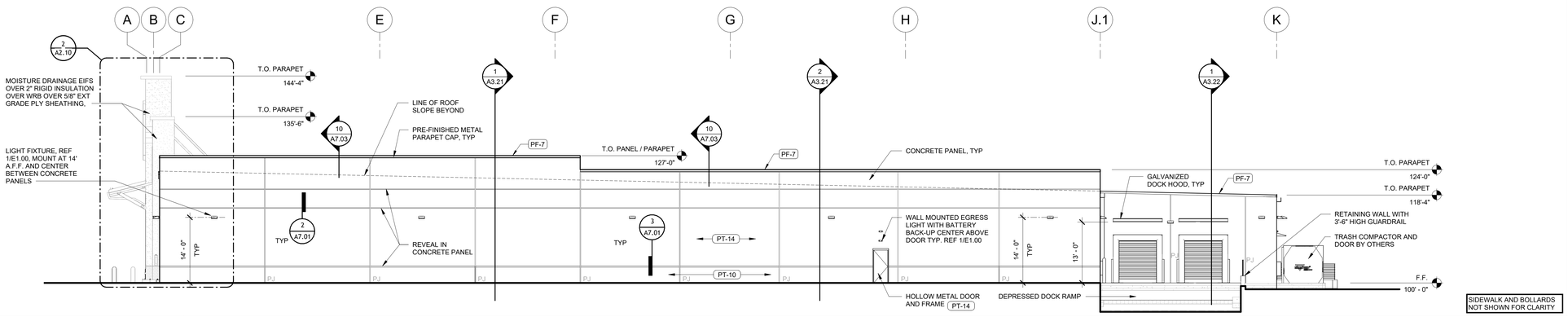
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1 FRONT ELEVATION

3/32" = 1'-0"

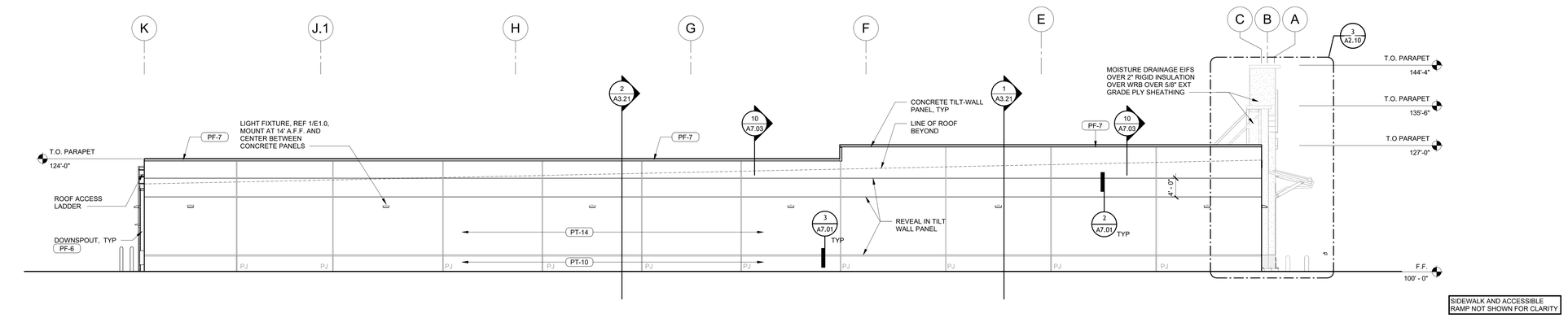
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2 RIGHT ELEVATION

3/32" = 1'-0"

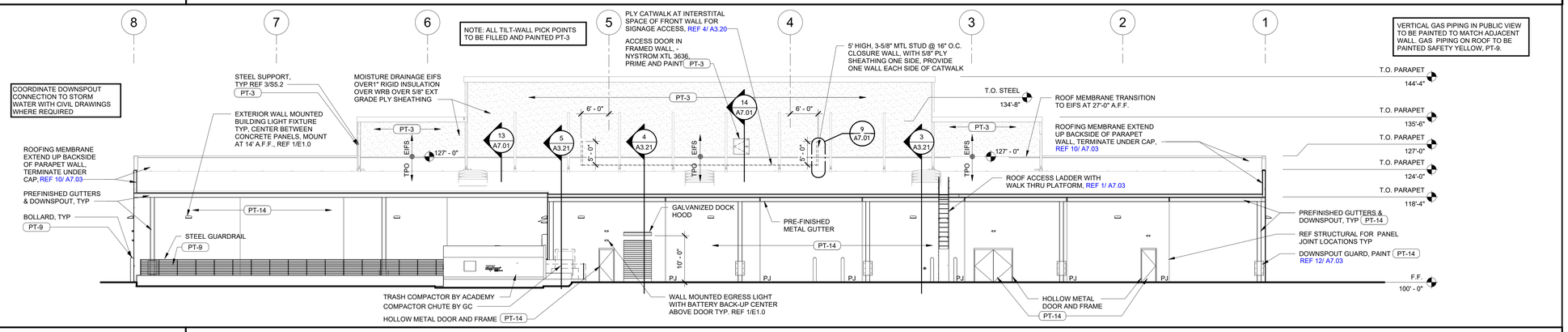
REF 1 /A1.00



3 LEFT ELEVATION

3/32" = 1'-0"

REF 1 /A1.00



4 REAR ELEVATION

3/32" = 1'-0"

REF 1 /A1.00

ELEVATION NOTES

1. ALL EXPOSED EXTERIOR TILT-UP WALLS TO RECEIVE TEXTURED COATING, EXCEPT IN AREAS SCHEDULED TO RECEIVE OTHER FINISHES REF SPEC SECTION 099113 - EXTERIOR PAINTING.
2. DO NOT APPLY TEXTURED COATING TO SEALANT AT EXTERIOR TILT-UP WALL PANEL JOINTS. PAINT IS ALLOWED.
3. DO NOT APPLY TEXTURED COATING TO DOWNSPOUTS, GUTTERS, COLLECTOR BOXES, AND ACCESSORIES.
4. ALL DOWNSPOUTS, GUTTERS, COLLECTOR BOXES, AND ACCESSORIES AS NOTED TO BE PRE-FINISHED.
5. REFERENCE ROOM FINISH SCHEDULE AND FINISH SCHEDULE ON SHEET A5.20 FOR PAINT COLOR SPECIFIED BY "PT-X".
6. WALL MOUNTED FIXTURES SHOWN ON ARCH DWGS ARE SHOWN FOR MOUNTING HEIGHT INFORMATION ONLY. SEE ELECTRICAL DRAWINGS FOR QUANTITY AND LOCATION.
7. PROVIDE FIRE DEPARTMENT KNOX BOX FOR ENTRY DOORS. COORDINATE LOCATION WITH ACADEMY PROJECT MANAGER AND LOCAL FIRE MARSHALL.
8. ADDRESS LETTERING TO BE LOCATED ON THE FRONT ELEVATION WITH AT LEAST 12" HIGH LETTERS.
9. REFERENCE FINISH LEGEND SHEET A5.20 FOR ALL EXTERIOR FINISH SELECTIONS.
10. PAINT ALL TILT WALL PICK POINTS TO MATCH TILT WALL FINISH

PAINT STRIPE NOTES

1. ALL PRIMERS AND PAINTS TO BE SHERWIN-WILLIAMS PRODUCTS
2. PRESSURE WASH EIFS STOREFRONT MANSARD TO REMOVE DIRT, GRIME, AND OXIDATION. RINSE METAL ROOF OF ANY RESIDUAL RUNDOWN
3. MASK AND PROTECT SIGNS AND ALL AREAS NOT SCHEDULED FOR PAINTING
4. APPLY ONE COAT LOXON GUIDE COAT CONDITIONER TO NEW STRIPE DIMENSION FIELD THAT WILL PENETRATE AND SEAL THE SURFACE TO PROVIDE A MORE UNIFORM FINISH COAT APPEARANCE.
5. MASK NEW DIMENSIONS OF SIGNATURE STRIPES AND PAINT NEW STRIPES WITH 2-3 COATS OF SHER CLEAR SEMI-GLOSS ACRYLIC ENAMEL COATING
6. 2 COATS, PT-1 - SHERWIN WILLIAMS 'ACADEMY BLUE' (IN SW NATIONAL DATA BANK) APPLY ONE COAT LOXON GUIDE COAT
7. 2 COATS, PT-2 - SHERWIN WILLIAMS 'ACADEMY RED' (IN SW NATIONAL DATA BANK).
8. 2 COATS, PT-3 - SHERWIN WILLIAMS #7005 PURE WHITE.
9. APPLY FINAL COAT OF SHER CLEAR 1K ACRYLIC AT 1-2 MIL DRY FILM THICKNESS TO NEW STRIPE FIELD.
10. STRIPES SHALL NOT BE PAINTED PRIOR TO INSTALLATION OF MAIN SIGN.

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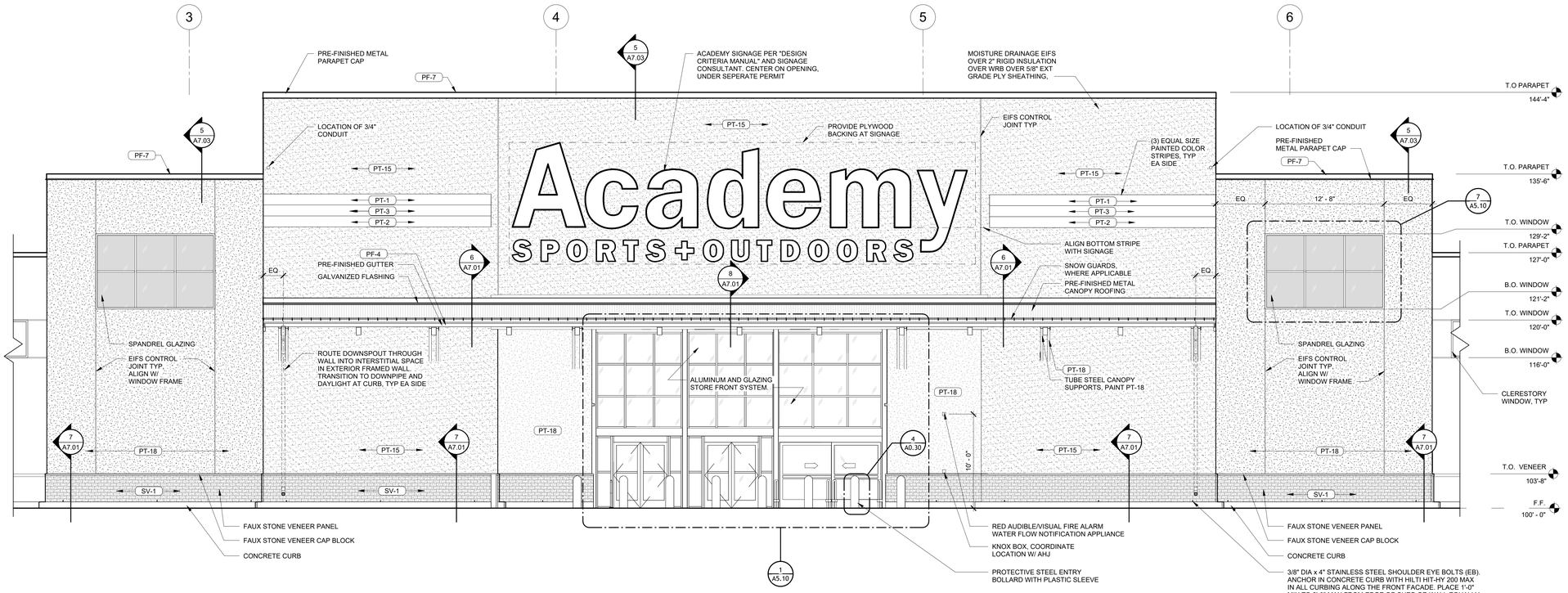
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EXTERIOR ELEVATIONS

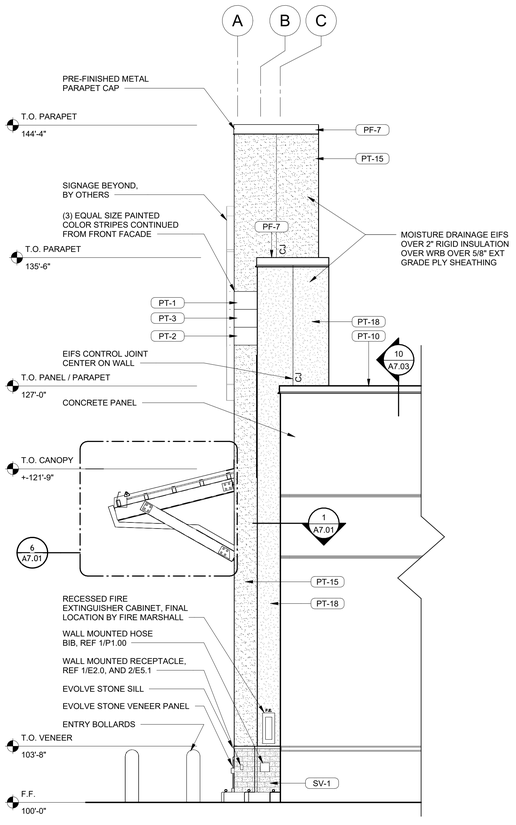
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1 ENLARGED FRONT ELEVATION

3/16" = 1'-0"

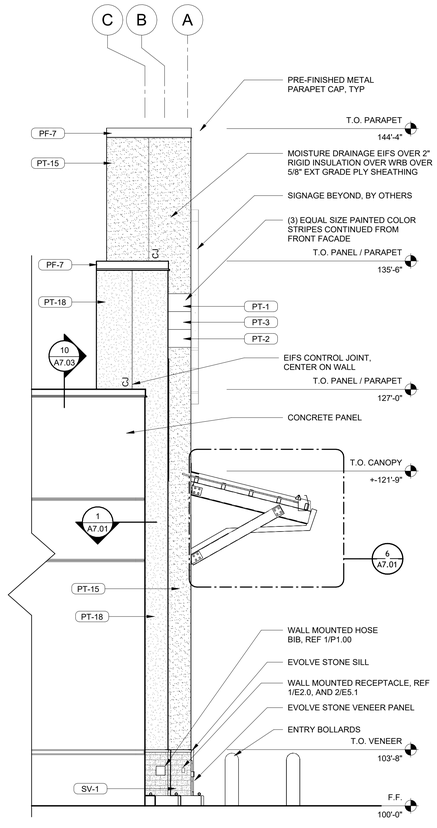
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2 ENLARGED RIGHT ELEVATION

1/4" = 1'-0"

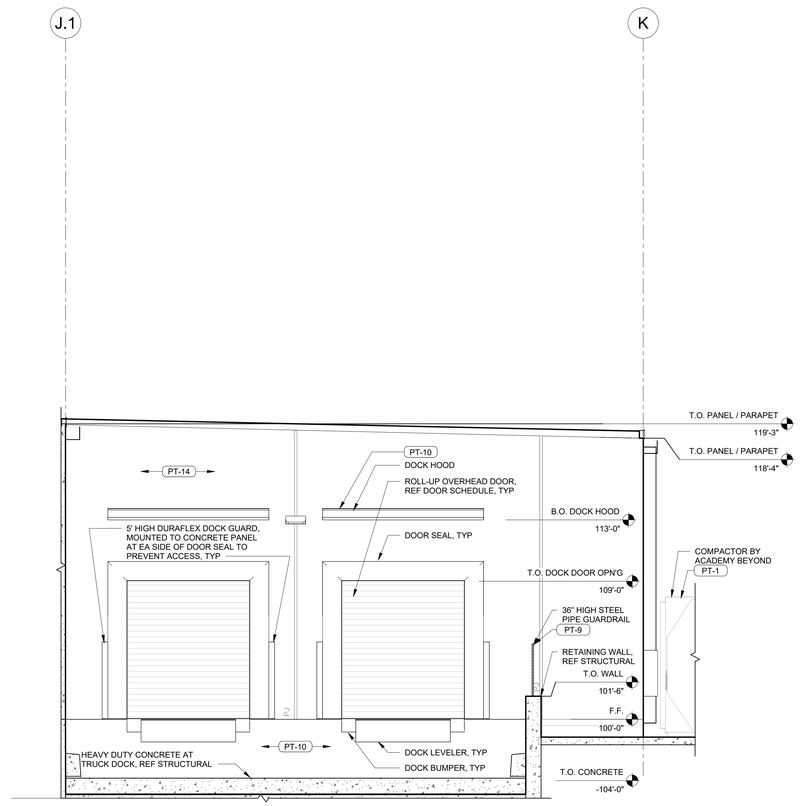
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3 ENLARGED LEFT ELEVATION

1/4" = 1'-0"

REF 3 / A2.00



4 ENLARGED DOCK ELEVATION

1/4" = 1'-0"

REF 1 / A0.20

ELEVATION NOTES

1. ALL EXPOSED EXTERIOR TILT-UP WALLS TO RECEIVE TEXTURED COATING, EXCEPT IN AREAS SCHEDULED TO RECEIVE OTHER FINISHES REF SPEC SECTION 099113 - EXTERIOR PAINTING.
2. DO NOT APPLY TEXTURED COATING TO SEALANT AT EXTERIOR TILT-UP WALL PANEL JOINTS. PAINT IS ALLOWED.
3. DO NOT APPLY TEXTURED COATING TO DOWNSPOUTS, GUTTERS, COLLECTOR BOXES, AND ACCESSORIES.
4. ALL DOWNSPOUTS, GUTTERS, COLLECTOR BOXES, AND ACCESSORIES AS NOTED TO BE PRE-FINISHED.
5. REFERENCE ROOM FINISH SCHEDULE AND FINISH SCHEDULE ON SHEET A5.20 FOR PAINT COLOR SPECIFIED BY "PT-X".
6. WALL MOUNTED FIXTURES SHOWN ON ARCH DWGS ARE SHOWN FOR MOUNTING HEIGHT INFORMATION ONLY. SEE ELECTRICAL DRAWINGS FOR QUANTITY AND LOCATION.
7. PROVIDE FIRE DEPARTMENT KNOX BOX FOR ENTRY DOORS. COORDINATE LOCATION WITH ACADEMY PROJECT MANAGER AND LOCAL FIRE MARSHALL.
8. ADDRESS LETTERING TO BE LOCATED ON THE FRONT ELEVATION WITH AT LEAST 12" HIGH LETTERS.
9. REFERENCE FINISH LEGEND SHEET A5.20 FOR ALL EXTERIOR FINISH SELECTIONS.
10. PAINT ALL TILT WALL PICK POINTS TO MATCH TILT WALL FINISH

PAINT STRIPE NOTES

1. ALL PRIMERS AND PAINTS TO BE SHERWIN-WILLIAMS PRODUCTS
2. PRESSURE WASH EIFS STOREFRONT MANSARD TO REMOVE DIRT, GRIME, AND OXIDATION. RINSE METAL ROOF OF ANY RESIDUAL RUNDOWN
3. MASK AND PROTECT SIGNS AND ALL AREAS NOT SCHEDULED FOR PAINTING
4. APPLY ONE COAT LOXON GUIDE COAT CONDITIONER TO NEW STRIPE DIMENSION FIELD THAT WILL PENETRATE AND SEAL THE SURFACE TO PROVIDE A MORE UNIFORM FINISH COAT APPEARANCE.
5. MASK NEW DIMENSIONS OF SIGNATURE STRIPES AND PAINT NEW STRIPES WITH 2-3 COATS OF SHER CLEAR SEMI-GLOSS ACRYLIC ENAMEL COATING
6. 2 COATS, PT-1 - SHERWIN WILLIAMS 'ACADEMY BLUE' (IN SW NATIONAL DATA BANK) APPLY ONE COAT LOXON GUIDE COAT
7. 2 COATS, PT-2 - SHERWIN WILLIAMS 'ACADEMY RED' (IN SW NATIONAL DATA BANK).
8. 2 COATS, PT-3 - SHERWIN WILLIAMS #7005 PURE WHITE.
9. APPLY FINAL COAT OF SHER CLEAR 1K ACRYLIC AT 1-2 MIL DRY FILM THICKNESS TO NEW STRIPE FIELD.
10. STRIPES SHALL NOT BE PAINTED PRIOR TO INSTALLATION OF MAIN SIGN.

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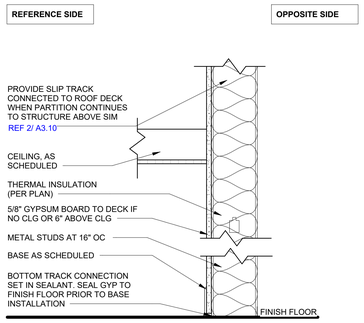
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Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

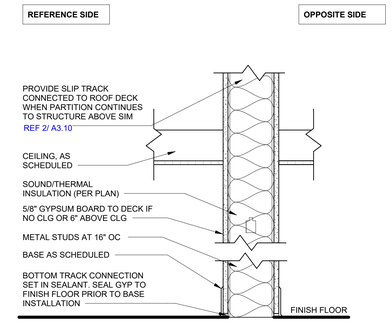
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ENLARGED EXTERIOR ELEVATIONS

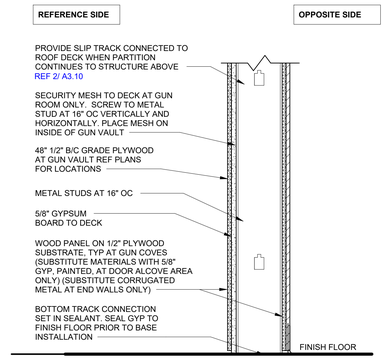
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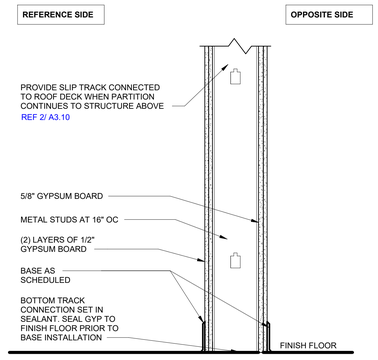
A **WALL TYPE A** — 1 1/2" = 1'-0" — REF /



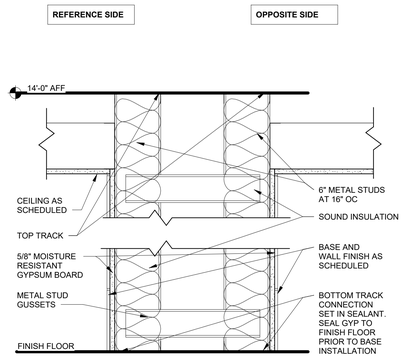
B **WALL TYPE B** — 1 1/2" = 1'-0" — REF /



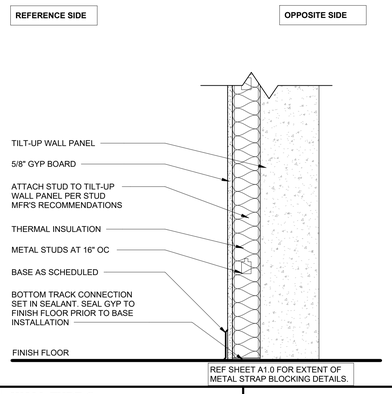
C **WALL TYPE C** — 1 1/2" = 1'-0" — REF /



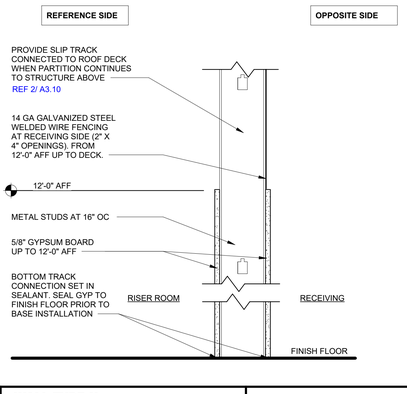
D **WALL TYPE D** — 1 1/2" = 1'-0" — REF /



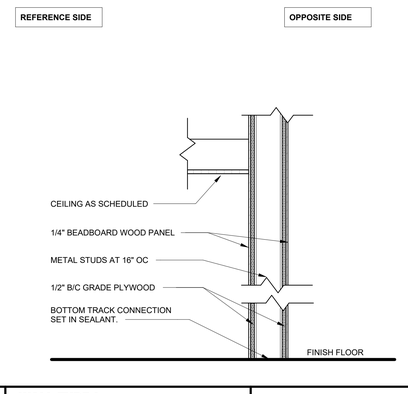
E **WALL TYPE E** — 1 1/2" = 1'-0" — REF /



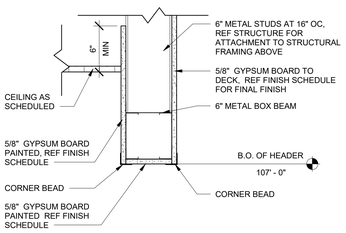
G **WALL TYPE G** — 1 1/2" = 1'-0" — REF /



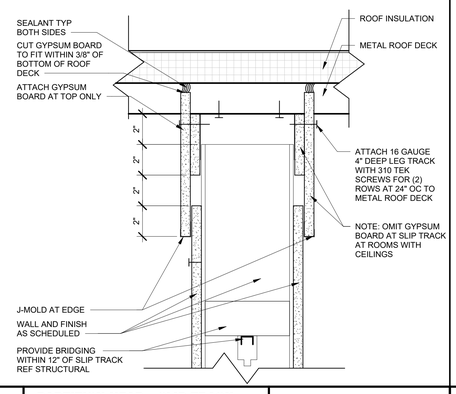
H **WALL TYPE H** — 1 1/2" = 1'-0" — REF /



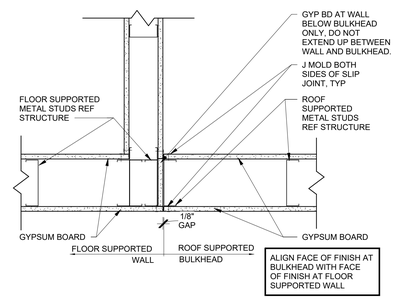
L **WALL TYPE L** — 1 1/2" = 1'-0" — REF /



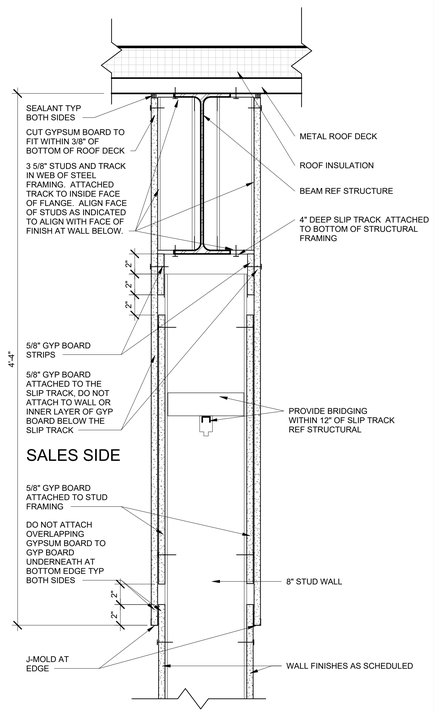
1 **BULKHEAD FINISH DETAIL** — 1 1/2" = 1'-0" — REF /



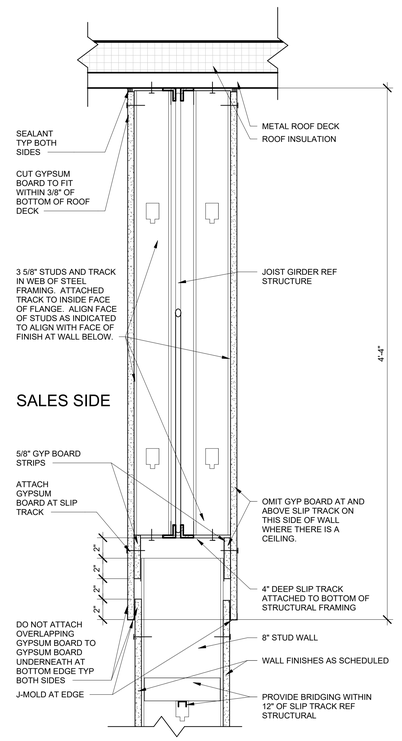
2 **PARTITION HEAD - SLIP TRACK** — 3" = 1'-0" — REF 6 /A4.40



3 **VERTICAL SLIP JOINT** — 1 1/2" = 1'-0" — REF /



4 **PARTITION HEAD - SLIP TRACK** — 1" = 0'-6" — REF /



5 **PARTITION HEAD - SLIP TRACK** — 1" = 0'-6" — REF /

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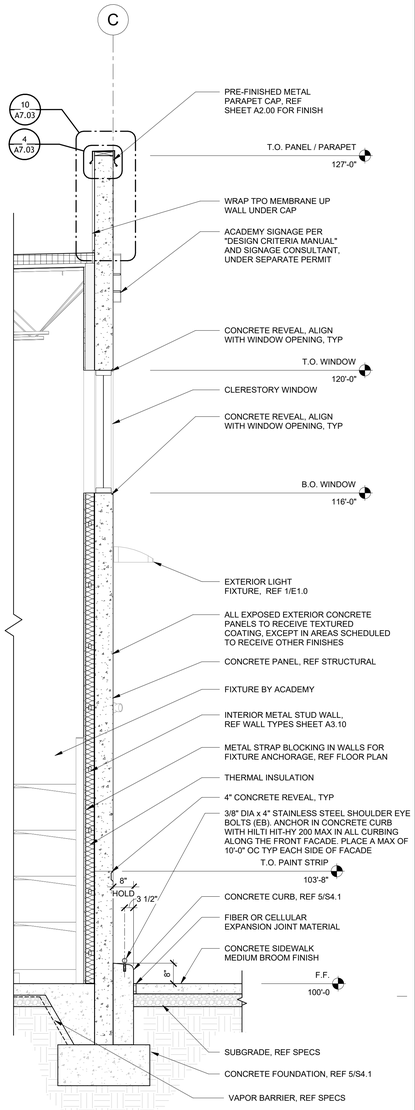
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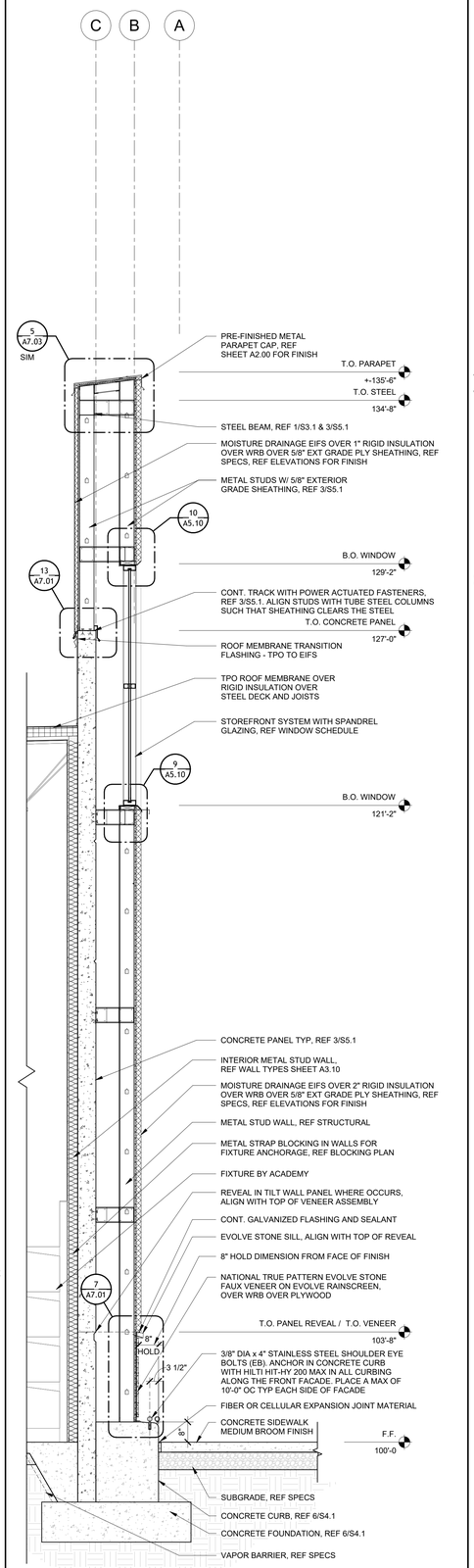
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WALL TYPES AND DETAILS

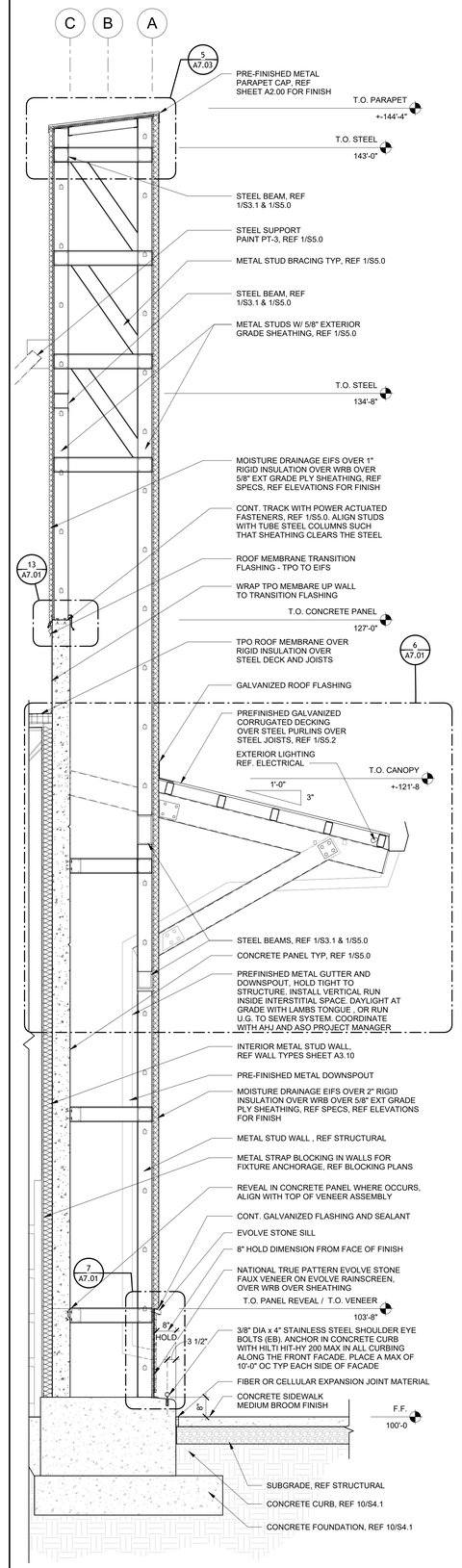
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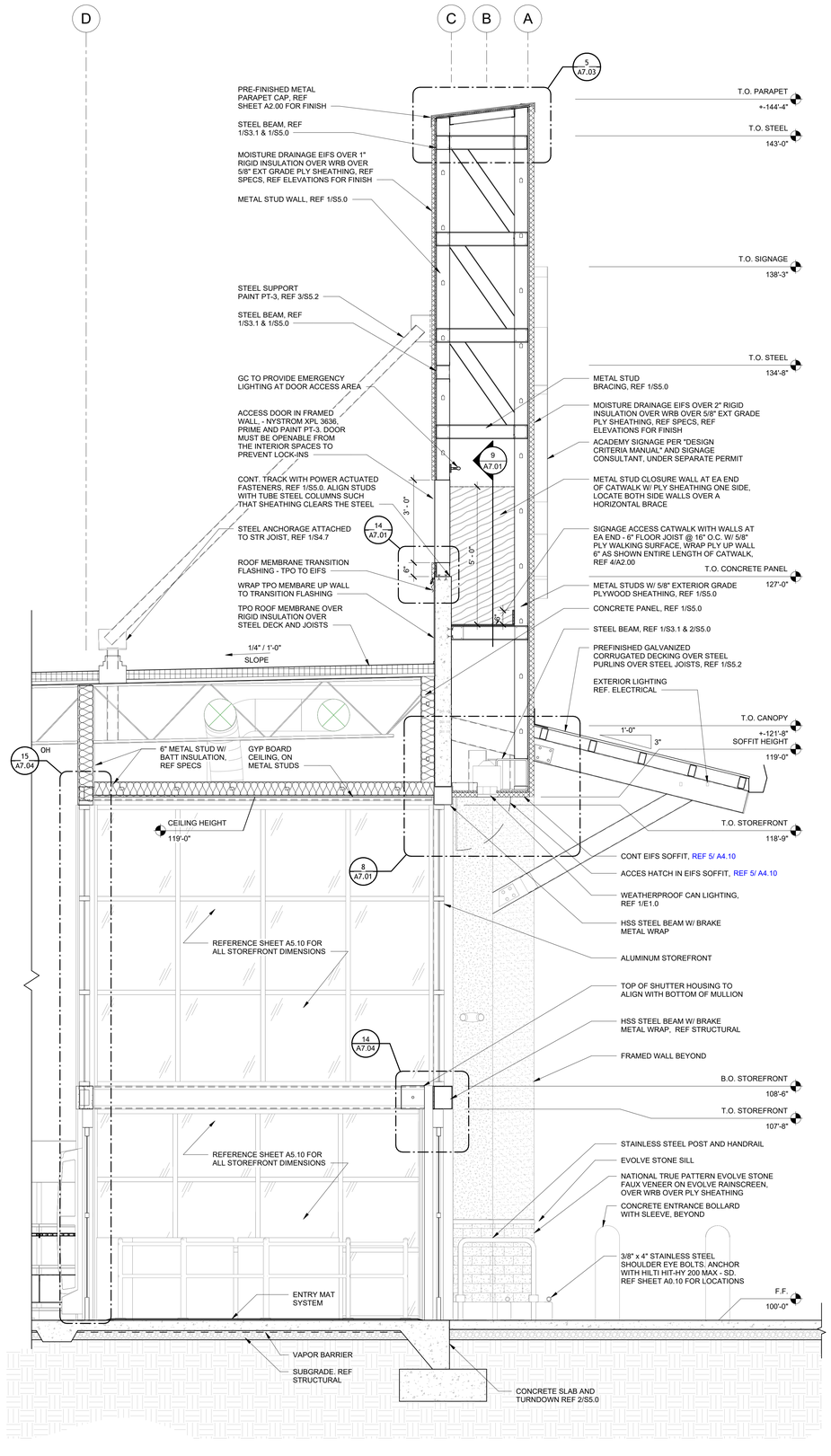
1 **WALL SECTION** 1/2" = 1'-0" — REF 1 /A1.00



2 **WALL SECTION** 1/2" = 1'-0" — REF 1 /A1.00



3 **WALL SECTION** 1/2" = 1'-0" — REF 1 /A1.00



4 **WALL SECTION** 1/2" = 1'-0" — REF 1 /A1.00

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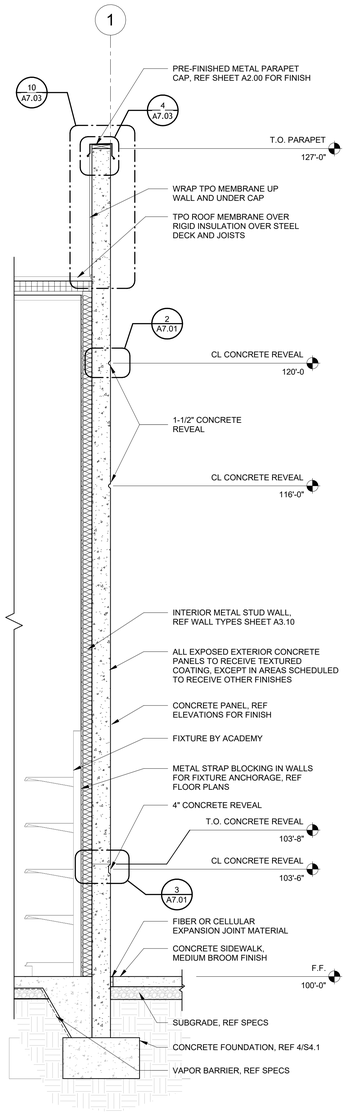
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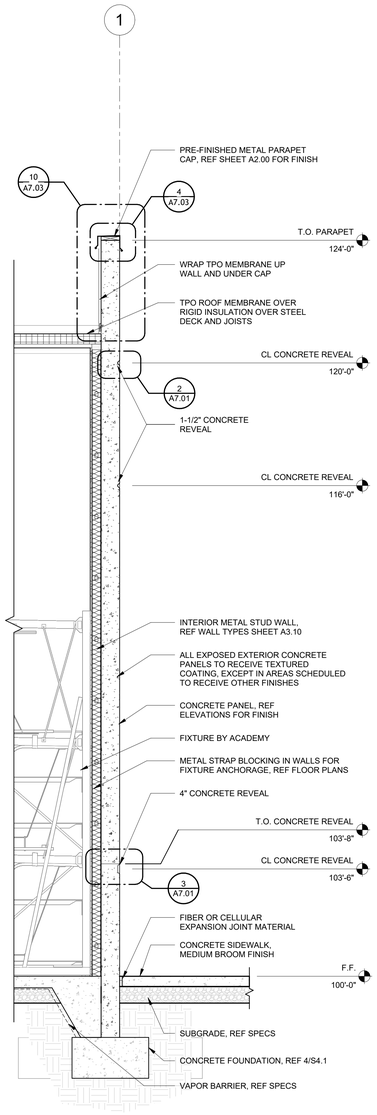
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EXTERIOR WALL SECTIONS

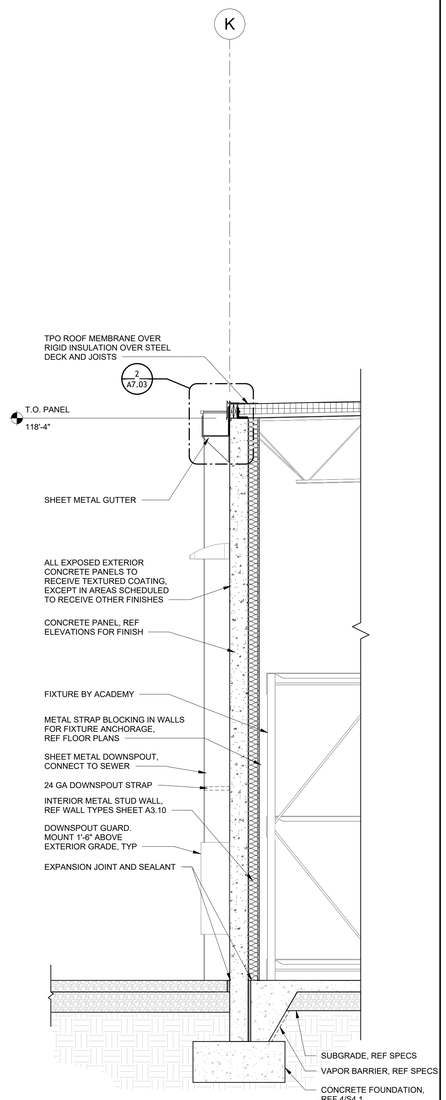
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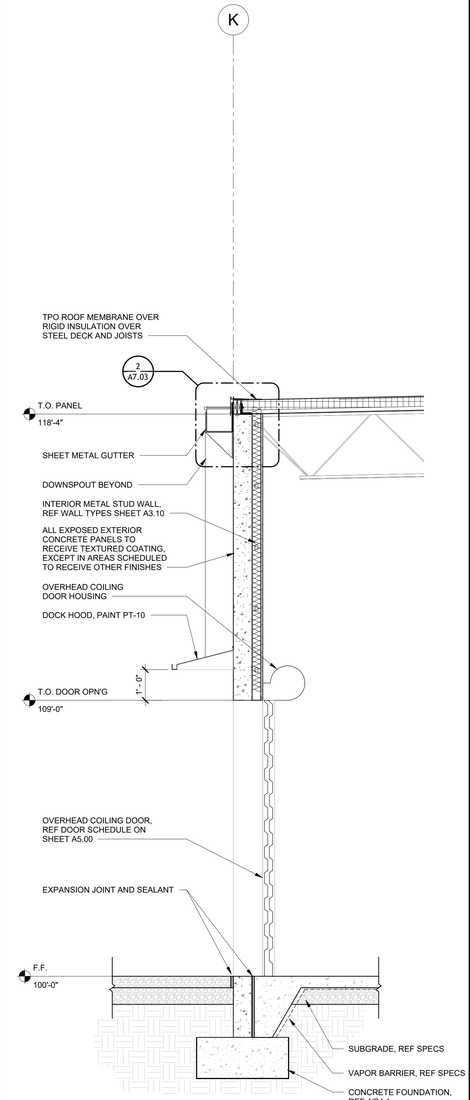
1 **WALL SECTION** — 1/2" = 1'-0" — REF 1 /A1.00



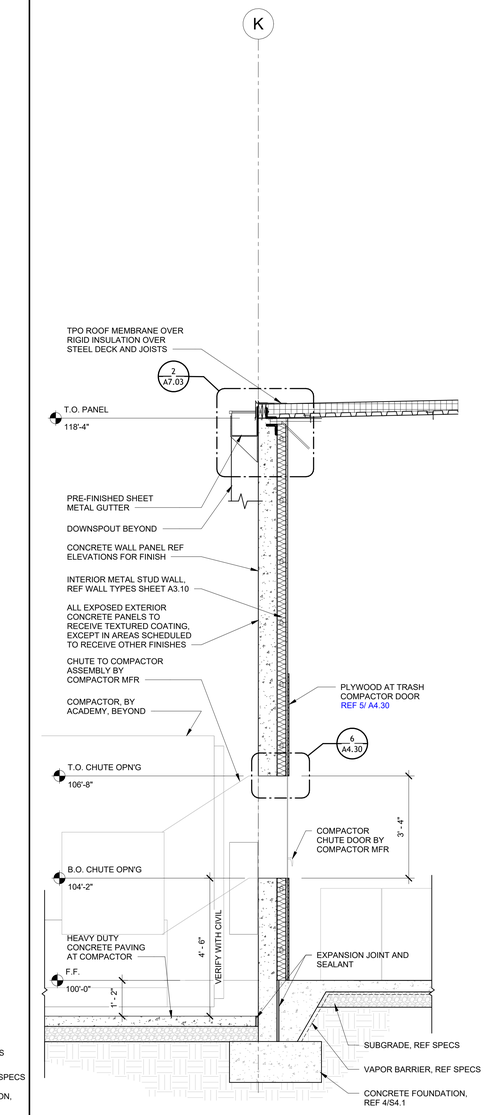
2 **WALL SECTION** — 1/2" = 1'-0" — REF 1 /A1.00



3 **WALL SECTION** — 1/2" = 1'-0" — REF 1 /A1.00



4 **WALL SECTION** — 1/2" = 1'-0" — REF 1 /A1.00



5 **WALL SECTION** — 1/2" = 1'-0" — REF 1 /A0.20

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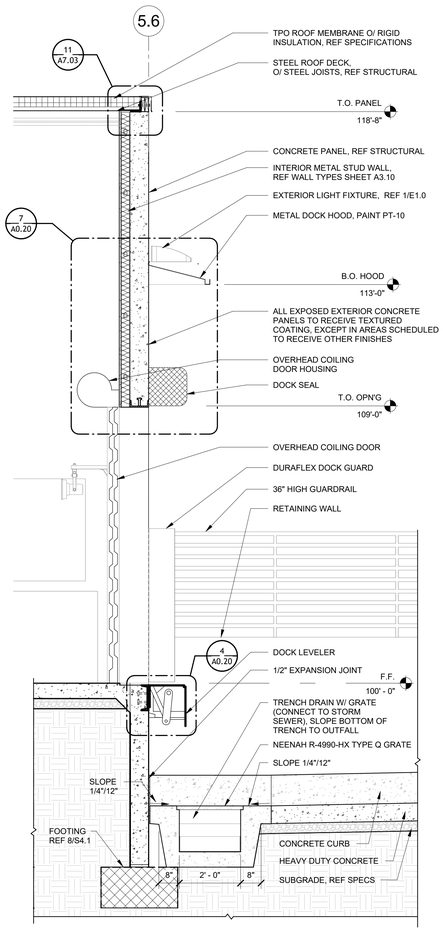
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EXTERIOR WALL SECTIONS

SHEET:
A3.21



1 **WALL SECTION**
1/2" = 1'-0"

REF 5 / A0.20

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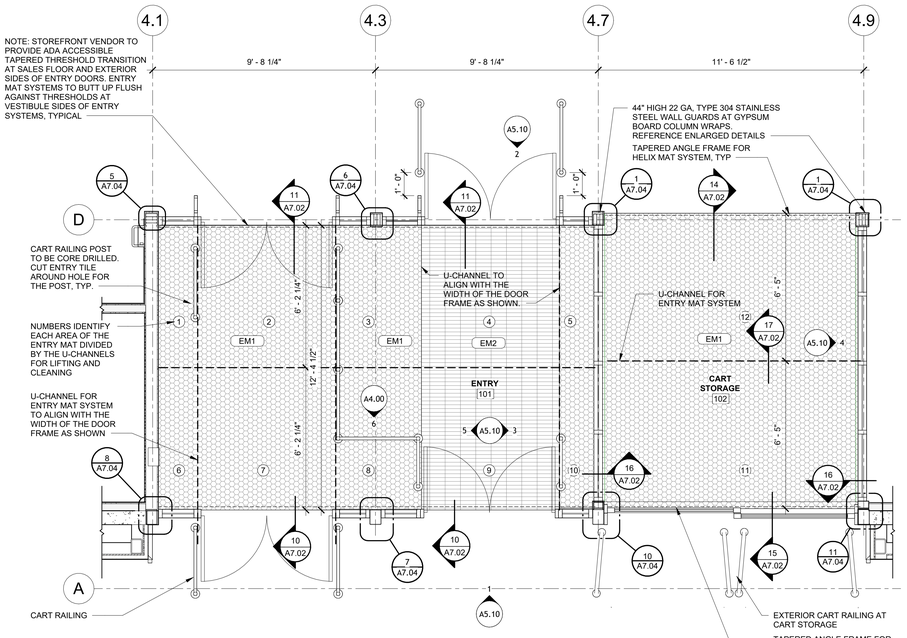
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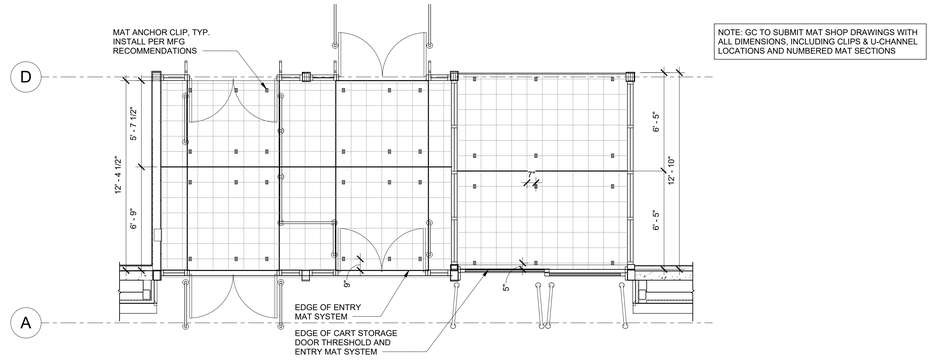
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EXTERIOR WALL SECTIONS

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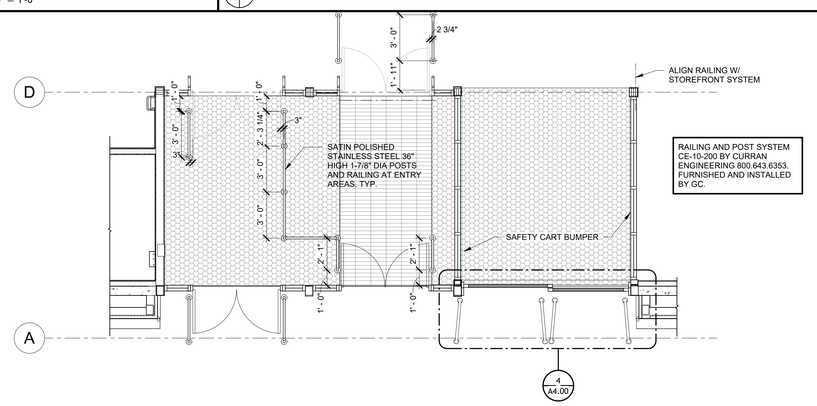




2 ENTRY MAT CLIP LOCATIONS

1/4" = 1'-0"

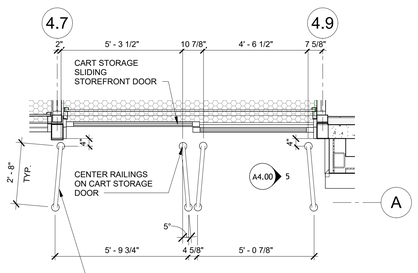
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1 ENTRY VESTIBULE LAYOUT

3/8" = 1'-0"

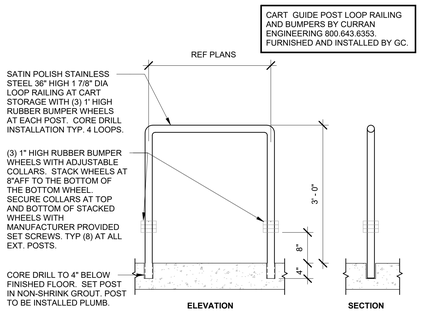
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4 EXTERIOR CART RAIL PLAN

3/8" = 1'-0"

REF 3 / A4.00



5 EXTERIOR CART RAIL ELEVATION

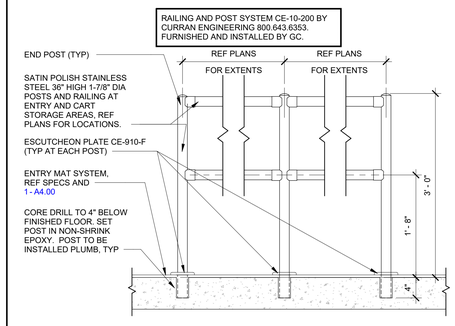
3/4" = 1'-0"

REF 4 / A4.00

3 ENTRY RAILING AND POST LAYOUT

1/4" = 1'-0"

REF 1 / A2.00



6 RAILING AND POST ELEVATION

1" = 1'-0"

REF 1 / A4.00

ENTRY MAT TILE AND FRAMEWORK INSTALLATION

INSTALLATION OF ENTRY MAT TILES AND ALUMINUM FRAMING COMPONENTS SUMMARY

GC TO REFER TO MANUFACTURER INSTALLATION INSTRUCTIONS FOR COMPLETE INSTALLATION INFORMATION. GC TO READ ENTIRE INSTALLATION INSTRUCTIONS AND WATCH ON-LINE INSTALLATION INSTRUCTIONS BEFORE BEGINNING INSTALLATION:

GC TO PURCHASE ENTRY MATS AND SYSTEM, REF VENDOR CONTACT INFORMATION ON THE VENDOR SHEET.

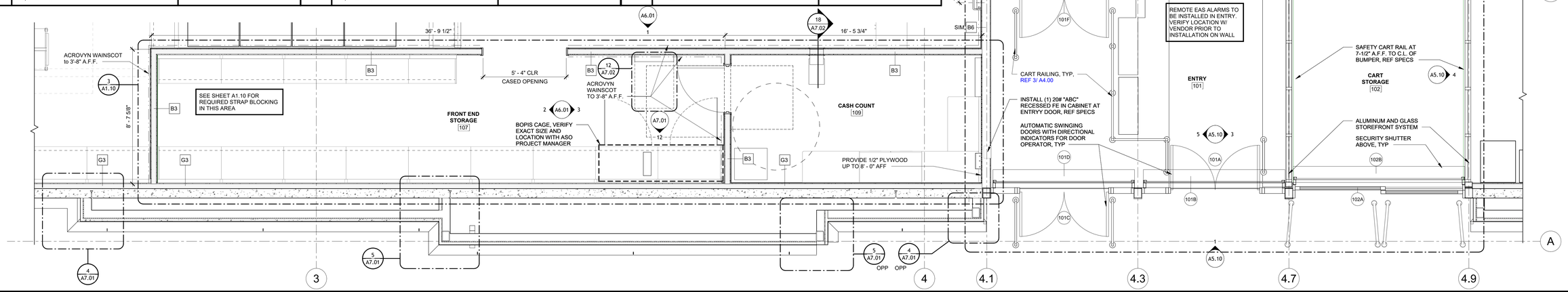
1. ENSURE **SUBSTRATE** IS LEVEL, IN GOOD CONDITION, DRY AND FREE OF DEBRIS. REPAIR AND/OR PROVIDE LEVELING COMPOUND.
2. GC TO VERIFY THAT ALL ENTRY MATS, TAPERED ANGLE FRAMES WITH PREDRILLED HOLES, U-CHANNELS WITH PREDRILLED HOLES, MASONRY ANCHORS, ANCHOR CLIPS AND HARDWARE FOR CLIPS ARE INCLUDED IN PACKAGE FROM ENTRY MAT VENDOR PRIOR TO INSTALLATION. NOTIFY SUPPLIER IF ANY MATERIALS ARE MISSING OR DEFECTIVE.
3. TO ENSURE PROPER FIT, DRY FIT ALL **TAPERED ALUMINUM ANGLE** FRAMES ALONG PERIMETER OF SLAB AND AT BOTH SIDES OF WHERE THE STOREFRONT SEPARATES THE ENTRY AND CART STORAGE AREAS AS INDICATED ON DETAIL REF 1/ A4.00. MATCH FRAME TAGS WITH THE DRAWING ON THE PACK LIST. USING A STRAIGHT EDGE, ENSURE THE TOP OF THE ANGLE FRAME IS FLUSH WITH THE SURROUNDING FLOOR SURFACE, THE SALES FLOOR FINISHED FLOOR LEVEL.
4. PREDRILL CONCRETE SUBSTRATE WITH A 5/16" MASONRY BIT INTO CONCRETE AT ALL PREDRILLED HOLE LOCATIONS IN TAPERED ALUMINUM FRAME. FASTEN THE ANGLE FRAMES TO THE SLAB WITH MANUFACTURER FURNISHED MASONRY ANCHORS USING A #2 PHILLIPS DRIVER.
5. TO ENSURE PROPER FIT ON SLAB, DRYFIT THE **U-CHANNELS** AT LOCATIONS INDICATED ON DETAIL REF 1/ A4.00 MATCH TAGS ON U-CHANNELS WITH THE DRAWINGS ON THE PACK LIST. USING A STRAIGHT EDGE, ENSURE THE TOP OF THE U-CHANNEL IS FLUSH WITH THE SURROUNDING FLOOR SURFACE, THE SALES FLOOR FINISHED FLOOR LEVEL.
6. PREDRILL CONCRETE SUBSTRATE WITH A 5/32" MASONRY BIT INTO CONCRETE AT ALL PREDRILLED HOLE LOCATIONS IN U-CHANNELS. FASTEN THE U-CHANNEL FRAMES TO THE SLAB WITH MANUFACTURER PROVIDED 3/16" BY 1-3/4" TAPCON SCREWS USING A POWER DRILL.
7. EACH 12" X 9" **ENTRY MAT TILE** IS DESIGNED WITH TWO SIDES OF MALE AND FEMALE CONNECTORS. TILES ARE CONNECTED BY INSERTING THE MALE INTO THE FEMALE CONNECTOR AND USING A RUBBER MALLET TO SECURE CONNECTION.
8. USE AS MANY FULL SIZE TILES AS POSSIBLE WHEN LAYING OUT TILES WITHIN EACH OF THE NUMBERED AREAS. FOR PROPER PLACEMENT, ORIENT THE SCRAPING SURFACE OF THE ENTRY MAT (CARPET) TILES TO RUN PERPENDICULAR TO THE PATH OF TRAVEL THE ENTRY MAT RUBBER TILES TO BE ORIENTED IN THE SAME FORMAT AS THE CARPETED TILES. REF CONSTRUCTION SPECIALTIES INSTALLATION MANUAL FOR CORRECT ORIENTATION.
9. START TILE ASSEMBLY BY LAYING OUT TILES AT ONE CORNER OF ONE OF THE NUMBERED AREAS AS DESIGNATED IN DETAIL REF 1/ A4.00 AND WORK BOTH SIDEWAYS AND FORWARD LAYING OUT AND CONNECTING THE TILES TOGETHER. USE A RUBBER MALLET TO SECURE THE MALE CONNECTION INTO THE FEMALE CONNECTION. CONTINUE UNTIL NO MORE FULL-SIZED TILES CAN BE USED. ONCE A NUMBERED SECTION IS COMPLETED. SHIFT THE FULL-SIZED TILE UNIT SO THAT IT IS CENTERED EVENLY ON ALL FOUR SIDES OF THE FRAMED NUMBERED AREA. USE A TAPE MEASURE TO ENSURE THAT THE TILE UNIT IS CENTERED IN FRAMED AREA.
10. LOCATE **ANCHOR CLIPS** AS SHOWN IN DETAIL 2/A4.00. FASTEN THE MANUFACTURER PROVIDED ANCHOR CLIPS WITH THE MANUFACTURER PROVIDED HARDWARE TO THE SLAB AT AREAS INDICATED ON DRAWINGS. THE ANCHOR CLIPS HAVE FOUR SLOTTED SEGMENTS. TWO SLOTS SHOULD BE INSTALLED UNDER THE EDGE OF ONE TILE AND THE REMAINING TWO SLOTS UNDER THE EDGE OF THE ADJACENT TILE. VERIFY LOCATIONS INDICATED WILL ALIGN WITH EDGES OF TILE AS INDICATED ABOVE PRIOR TO SECURING TO SLAB. REPEAT AT ALL AREAS INDICATED ON DRAWINGS.
11. THE REMAINING BORDER SPACES OUTSIDE THE FULL-SIZED TILE UNIT TO BE FILLED IN WITH ENTRY MAT TILES. MEASURE THE REMAINING OPENINGS AND CUT ENTRY MAT TILES WITH A UTILITY KNIFE AND SQUARE TO FILL IN THE PERIMETER OR AREA. ENTRY MAT TILES SHOULD BE INSTALLED IN ALIGNMENT WITH THE ADJACENT TILES AND WILL ONLY REQUIRE ONE EDGE TO BE CUT. BE SURE TO CUT TILE ON THE OPPOSITE SIDE OF THE REQUIRED MALE OR FEMALE CONNECTION. USE RUBBER MALLET TO SECURE TILES TOGETHER. CONTINUE CUTTING AND INSTALLING ENTRY MAT TILES ALL ON REMAINING SIDES.
12. AFTER ALL SIDES ARE INSTALLED, INSTALL CORNER TILES. CORNER TILES WILL NEED TO BE CUT ON TWO EDGES. BE SURE TO CUT TILE ON THE OPPOSITE SIDE OF THE REQUIRED MALE AND FEMALE CONNECTIONS. USE RUBBER MALLET TO SECURE CORNER TILES TO TILE UNIT.
13. DO NOT CUT ANY ENTRY MAT (CARPETED TILES), THESE ARE TO REMAIN FULL TILES, ONLY THE RUBBER ENTRY MAT TILES ARE TO BE CUT TO FILL IN THE OPEN PERIMETER SPACES AT EACH FRAMED AREA.
14. VACUUM THE SURFACE AND SUBSTRATE TO REMOVE ANY CONSTRUCTION DEBRIS OR DUST. USE A DAMP MOP ON ALL EXPOSED ENTRY MAT SURFACES AS REQUIRED. IF CONSTRUCTION IS ONGOING, COVER THE TILES WITH PLYWOOD SHEATHING AT PATH OF TRAVEL.
15. WHEN APPLICABLE, ALL SAWCUTS AT SLAB TO BE SMOOTH AND CLEAN. GC TO PROTECT ALL EDGES OF SLAB AREAS FROM POTENTIAL CONSTRUCTION DAMAGE. INCLUDING BUT NOT LIMITED TO, CHIPPING AND CRACKING. REF EDGE OF SLAB DETAILS FOR OPTION FOR PROTECTION OF SLAB EDGES AS DETERMINED BY ASO CM SHALL BE REPAIRED BY THE GC AT NO ADDITIONAL COST TO ASO.

EAS ANTENNA SYSTEMS FOR ENTRY VESTIBULES:

SWINGING ENTRY DOORS: EAS BLADE TYPE ANTENNA SYSTEMS FOR STORES WITH SWINGING DOORS TO BE MOUNTED TO STOREFRONT MULLIONS ON THE SALES FLOOR SIDE.

SLIDING ENTRY DOORS: AN IN-SLAB ANTENNA SYSTEM WILL BE REQUIRED FOR STORES WITH SLIDER DOORS (FLORIDA AND/OR WHERE EXISTING SLIDERS ARE BEING REUSED). THE IN-SLAB ANTENNA IS REQUIRED TO BE INSTALLED INSIDE THE VESTIBULE, UNDER THE WALK-OFF MAT SYSTEM. SLAB CUTS ARE NOT ALLOWED WITHIN THE SALES FLOOR SPACE. REFER TO FLOOR PLAN BELOW FOR AVAILABLE SPACE

ADD TWO CONDUITS FOR ENTRY AND EXIT CAMERAS:
BOTH PENETRATIONS AT 5'-6" A.F.F. IN THE VESTIBULE.
FOR THE EXIT CAMERA, IT WOULD BE 2' FROM THE EXTERIOR DOOR FRAME ON THE DRY WALL W/ A SINGLE GANG BOX AND CONDUIT RUNNING UP THE DRYWALL AND INTO THE CEILING ABOVE THE CASH COUNT OFFICE.
FOR THE ENTRY CAMERA, IT WOULD BE A 1/2" OR 3/4" FLEX RUNNING DOWN THE CENTER POST OF THE VESTIBULE. FLEX WOULD PENETRATE INTO THE POST FROM THE SALES FLOOR SIDE OF THE POST AT JOIST LEVEL, RUN DOWN THE POST AND COME OUT AT 5'-6" A.F.F. IN THE VESTIBULE.



7 ENLARGED ENTRY PLAN

3/8" = 1'-0"

REF 1 / A1.00

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DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

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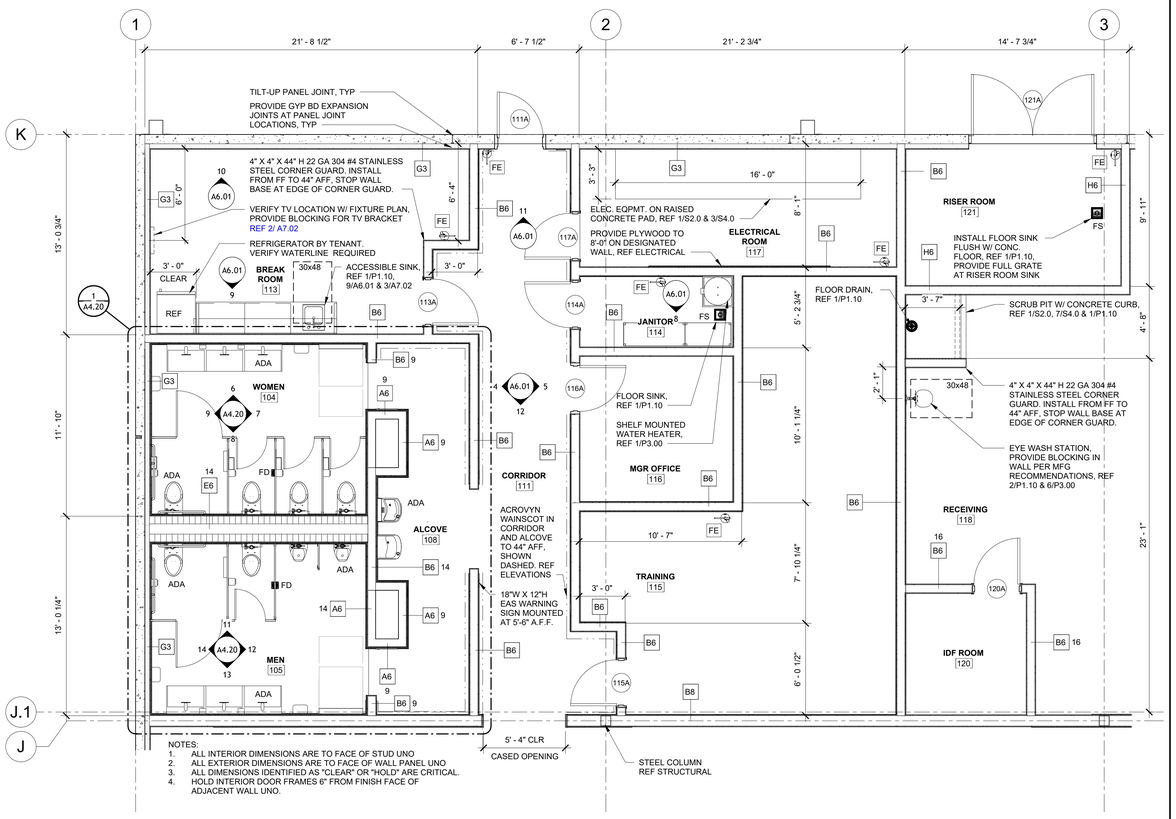
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

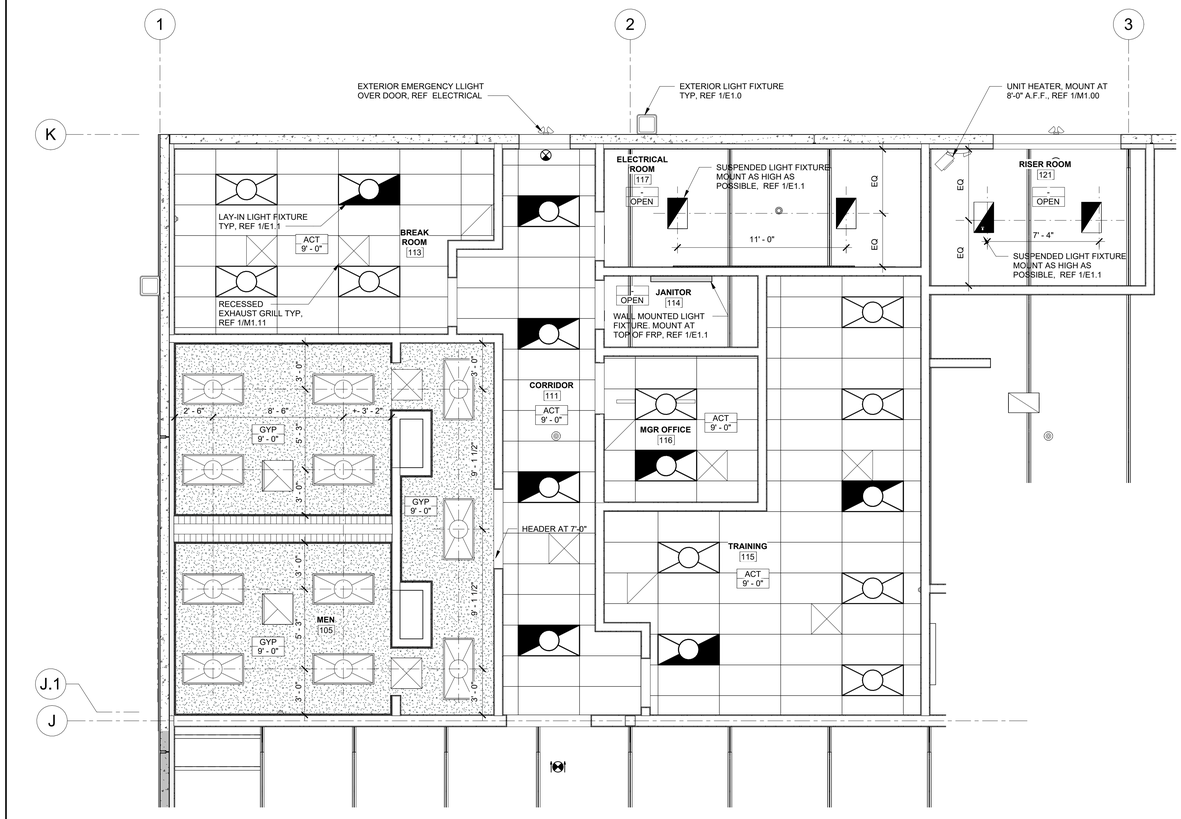
Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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ENLARGED PARTIAL ENTRY AREA PLANS AND DETAILS

SHEET:
A4.00



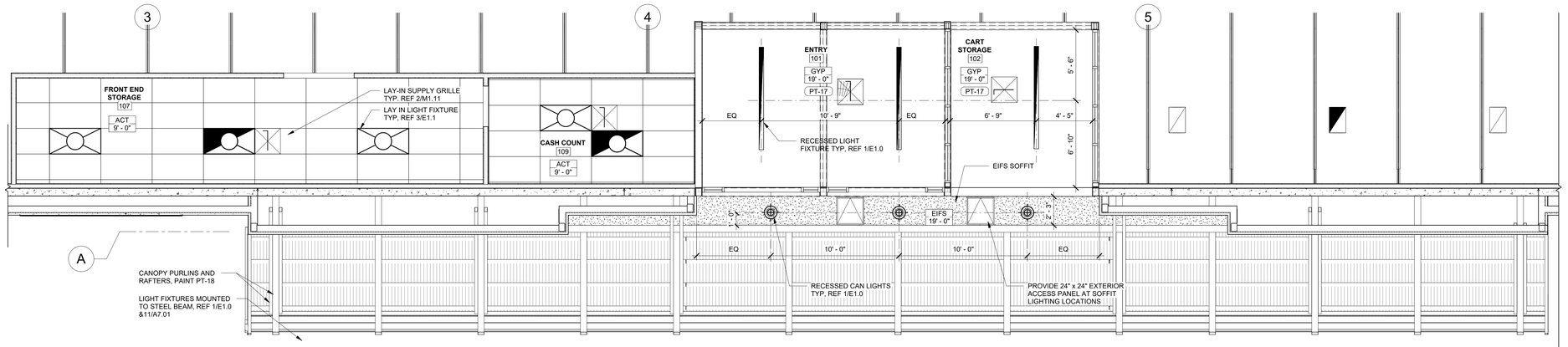


1 **ENLARGED OFFICE PLAN**
1/4" = 1'-0"

REF 1 /A1.00

2 **ENLARGED OFFICE R.C.P.**
1/4" = 1'-0"

REF 1 /A1.30



5 **FRONT OF HOUSE R.C.P.**
1/4" = 1'-0"

REF 1 /A1.30

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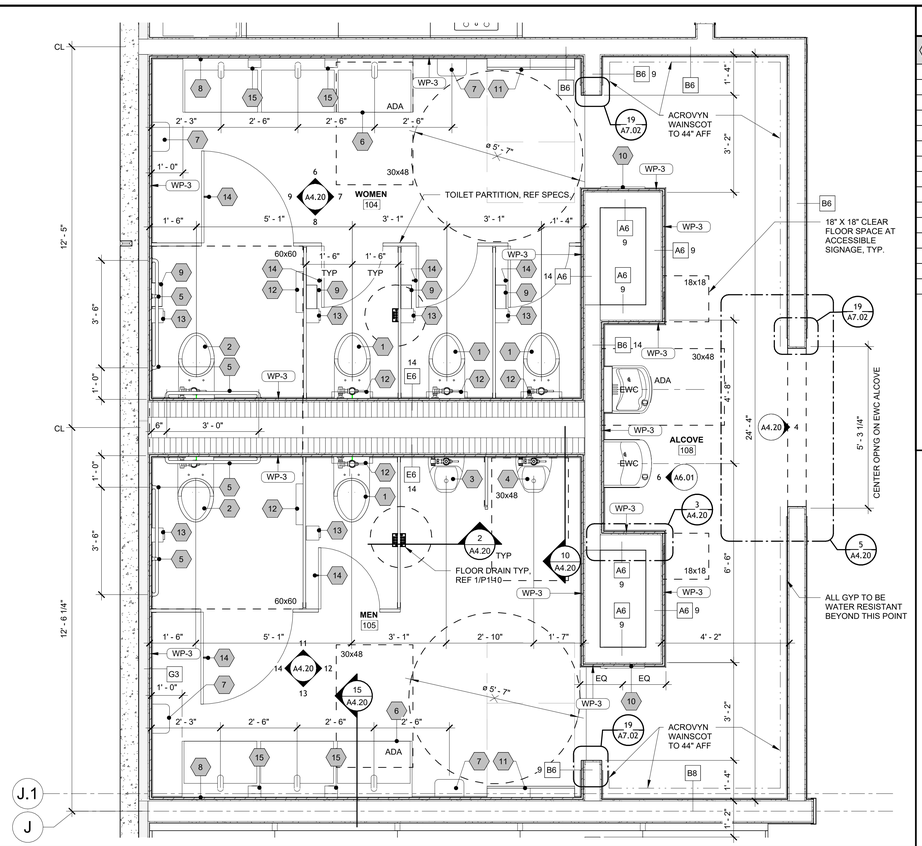
ENLARGED OFFICE PLANS AND DETAILS

SHEET:
A4.10

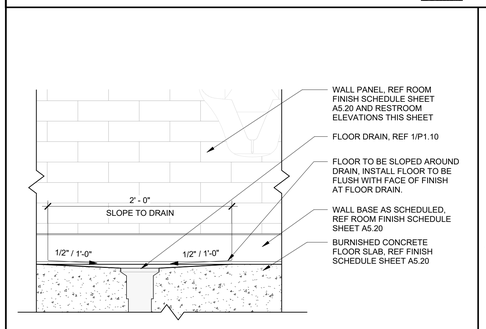
RESTROOM ACCESSORY SCHEDULE

	DESCRIPTION	MANUFACTURER	MODEL	FURNISHED BY	INSTALLED BY	FINISH	NOTES
1	WATER CLOSET	KOHLER	K84325	G.C.	G.C.	WHITE VITREOUS CHINA	WALL MOUNT, RIM @ 15" A.F.F., SENSOR
2	WATER CLOSET ADA	KOHLER	K84325	G.C.	G.C.	WHITE VITREOUS CHINA	WALL MOUNT, RIM @ 17"-19" A.F.F., SENSOR
3	URINAL	KOHLER	K-5016-ET	G.C.	G.C.	WHITE VITREOUS CHINA	WALL MOUNT, RIM @ 24-30 " A.F.F., SENSOR
4	URINAL ADA	KOHLER	K-5016-ET	G.C.	G.C.	WHITE VITREOUS CHINA	WALL MOUNT, RIM @ 17" MAX A.F.F., SENSOR
5	GRAB BARS	BRADLEY	WGB6SS18, WGB6SS36, WGB6SS42	G.C.	G.C.	SATIN STAINLESS STEEL	FLANGES W/ CONCEALED FASTENERS
6	TRIPLE STATION LAVATORY	VERONA	SMQ0046-3SCN	G.C.	G.C.	SM QUARTZ, SEA SHELL	WALL MOUNT , ADA HEIGHT COMPLIANT
7	ELECTRIC HAND DRYER	AMERICAN DRYER	EXTREME AIR GXT	G.C.	G.C.	WHITE EPOXY	SURFACE MOUNT
8	90" x 48" MIRROR	MEEK	M1510-90X40	G.C.	G.C.	6MM GLASS, SS FRAME	CHANNEL FRAMED
9	FEMININE NAPKIN DISPOSAL	BOBRICK	B-270	G.C.	G.C.	STAINLESS STEEL	FLIP UP LID
10	RECESSED WASTE RECEPTACLE - 12 GAL	BOBRICK	B-35643	G.C.	G.C.	SATIN STAINLESS STEEL	INNER MOLDED PLASTIC WASTE CONTAINER
11	BABY CHANGING STATION	FOUNDATIONS WORLDWIDE, INC	100-EH	G.C.	G.C.	HDPE LIGHT GRAY	SURFACE MOUNT, FOLDABLE
12	TOILET SEAT COVER DISPENSER	KRYSTAL	#BWKKD200 - #818819	G.C.	G.C.	CHROME	SURFACE MOUNT
13	TOILET TISSUE DISPENSER	GEORGIA PACIFIC	COMPACT #56782	G.C.	G.C.	STAINLESS STEEL	SURFACE MOUNT
14	COAT HOOK (DOOR MOUNTED)			G.C.	G.C.		
15	SOAP DISPENSER			G.C.	G.C.		

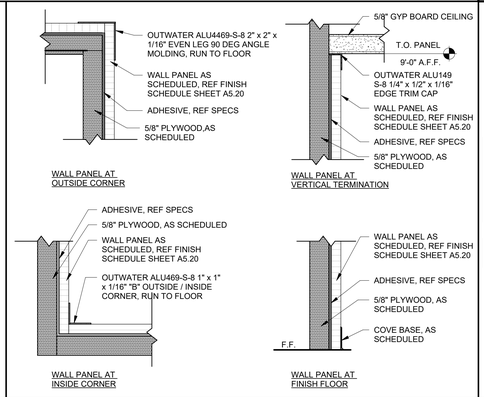




1 ENLARGED RESTROOM PLAN — 1/2" = 1'-0" — REF 1 /A4.10



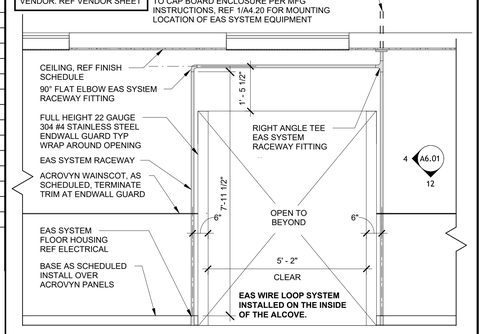
2 RESTROOM DRAIN SLOPE DETAIL — 1 1/2" = 1'-0" — REF 1 /A4.20



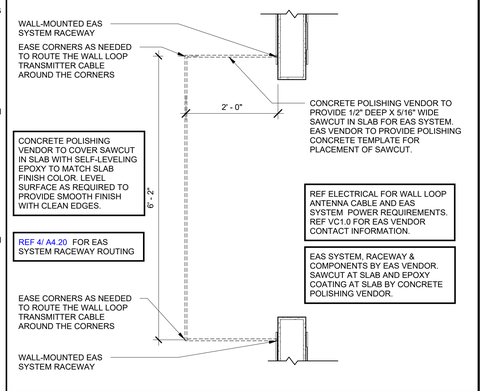
3 DETAIL AT PANEL CORNERS — 6" = 1'-0" — REF 1 /A4.20

EAS SYSTEM, RACEWAY & COMPONENTS BY EAS VENDOR. SAWCUT AT SLAB & EPOXY COATING AT SLAB BY CONCRETE POLISHING VENDOR. REF VENDOR SHEET

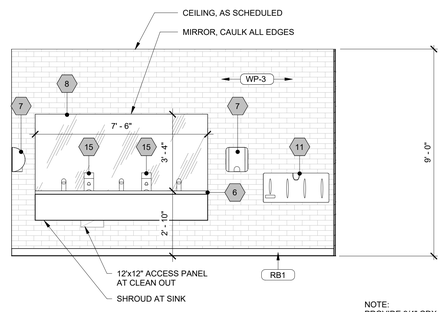
CONTINUE EAS SYSTEM RACEWAY 6" ABOVE CEILING, DRILL HOLE MAX OF 1/2" DIA. AT POINT OF ENTRY IN CEILING. INSTALL ENTRANCE END FITTING AT CEILING TO COVER HOLE. ROUTE WALL LOOP ANTENNA CABLING TO CAP BOARD ENCLOSURE PER MFG INSTRUCTIONS, REF 1/A4.20 FOR MOUNTING LOCATION OF EAS SYSTEM EQUIPMENT



4 CASED OPENING AT RESTROOMS — 1/2" = 1'-0" — REF 1 /A4.20

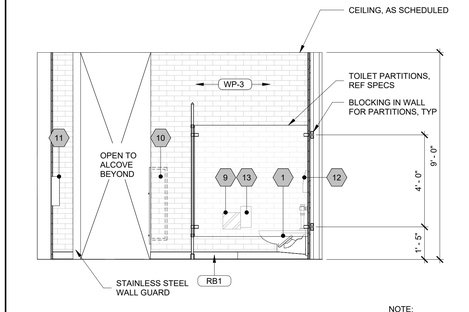


5 ENLARGED EAS PLAN — 3/4" = 1'-0" — REF 1 /A4.20



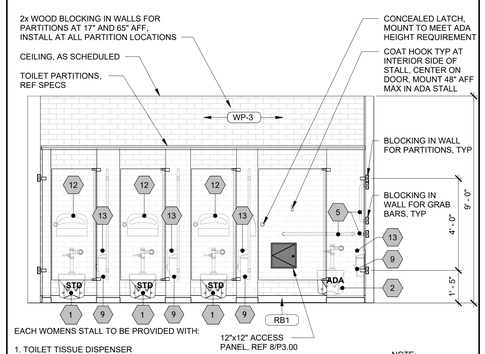
NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

6 WOMENS R.R. ELEVATION A — 3/8" = 1'-0" — REF 1 /A4.10



NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

7 WOMENS R.R. ELEVATION B — 3/8" = 1'-0" — REF 1 /A4.10

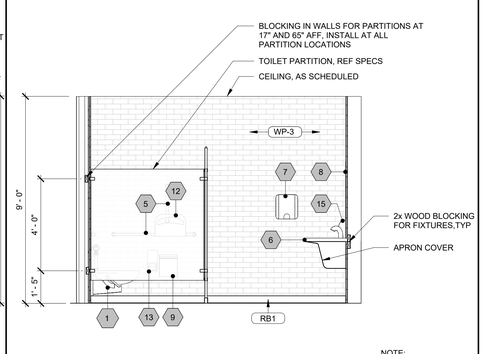


EACH WOMENS STALL TO BE PROVIDED WITH:

1. TOILET TISSUE DISPENSER
2. TOILET SEAT COVER DISPENSER
3. SANITARY NAPKIN DISPOSAL
4. DOOR MOUNTED COAT HOOK

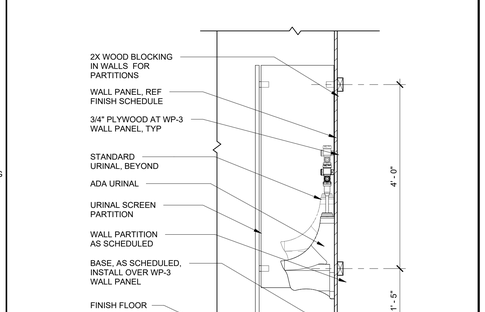
NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

8 WOMENS R.R. ELEVATION C — 3/8" = 1'-0" — REF 1 /A4.10

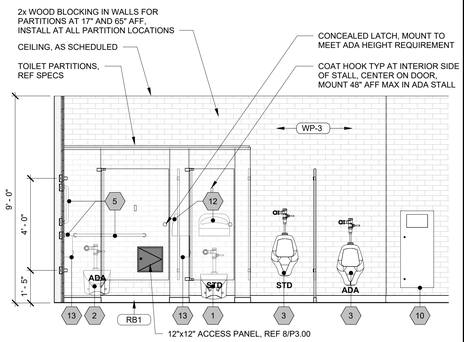


NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

9 WOMENS R.R. ELEVATION D — 3/8" = 1'-0" — REF 1 /A4.10



10 URINAL PARTITION — 3/4" = 1'-0" — REF 1 /A4.20

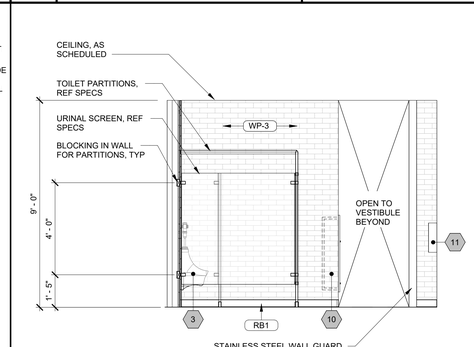


EACH MENS STALL TO BE PROVIDED WITH:

1. TOILET TISSUE DISPENSER
2. TOILET SEAT COVER DISPENSER
3. DOOR MOUNTED COAT HOOK

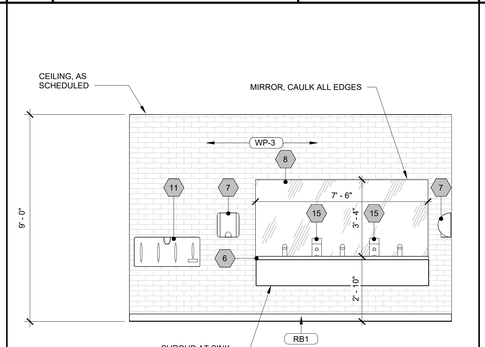
NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

11 MENS R.R. ELEVATION A — 3/8" = 1'-0" — REF 1 /A4.10



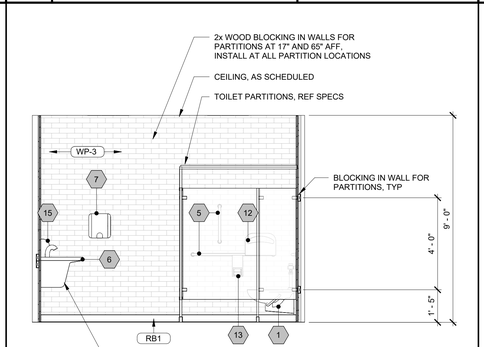
NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

12 MENS R.R. ELEVATION B — 3/8" = 1'-0" — REF 1 /A4.10



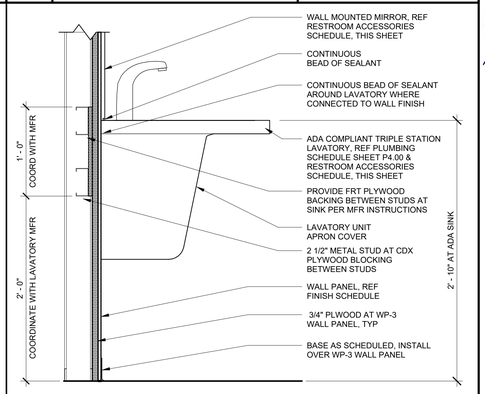
NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

13 MENS R.R. ELEVATION C — 3/8" = 1'-0" — REF 1 /A4.10



NOTE: PROVIDE 3/4" CDX PLYWOOD AT ALL WP-3 WALL PANELS

14 MENS R.R. ELEVATION D — 3/8" = 1'-0" — REF 1 /A4.10



15 LAVATORY UNIT — 1 1/2" = 1'-0" — REF 1 /A4.20

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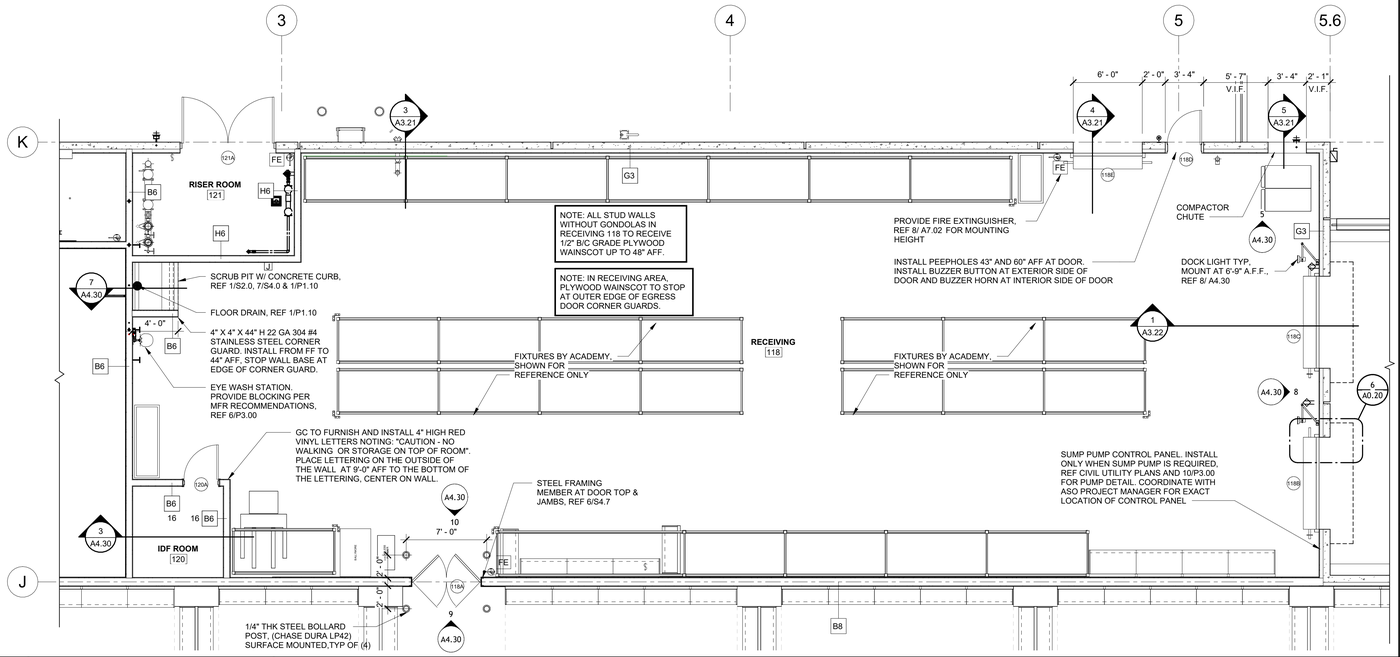
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ENLARGED RESTROOM PLANS, ELEVATIONS, AND DETAILS

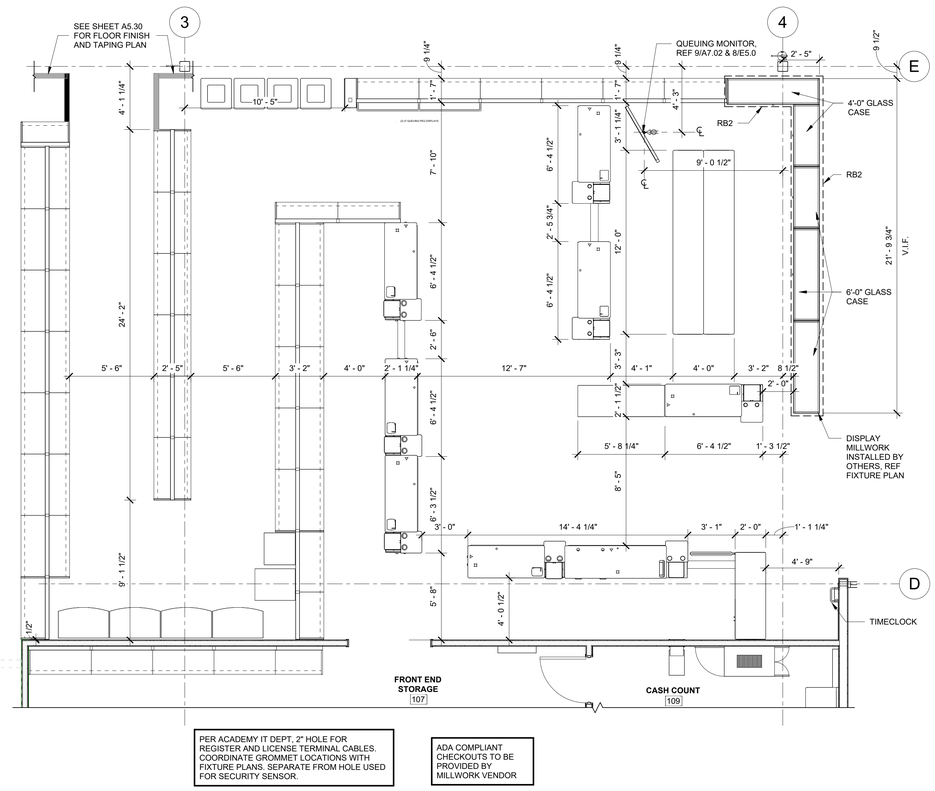
SHEET: A4.20



1 ENLARGED RECEIVING AREA PLAN

3/16" = 1'-0"

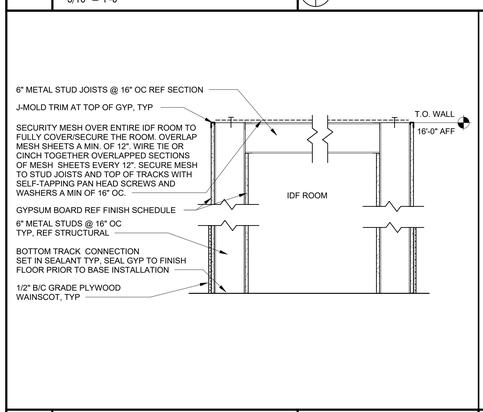
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2 SUNGLASS DISPLAY & POS

1/4" = 1'-0"

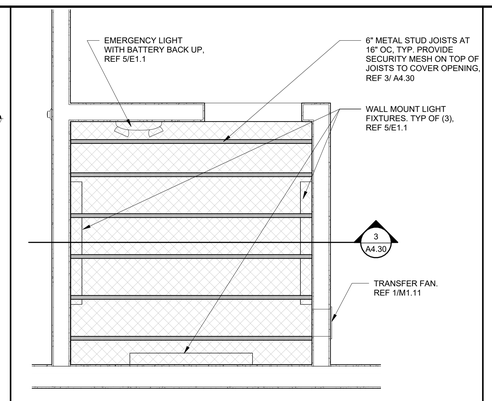
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3 IDF ROOM DETAIL

1" = 1'-0"

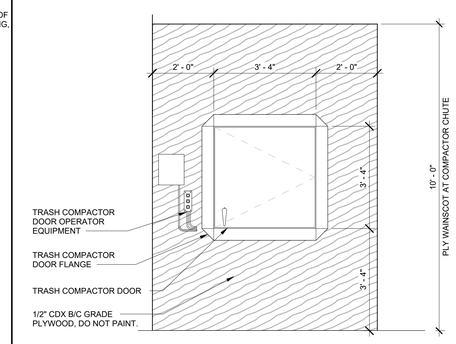
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4 IDF SECURITY MESH AT RCP

1/2" = 1'-0"

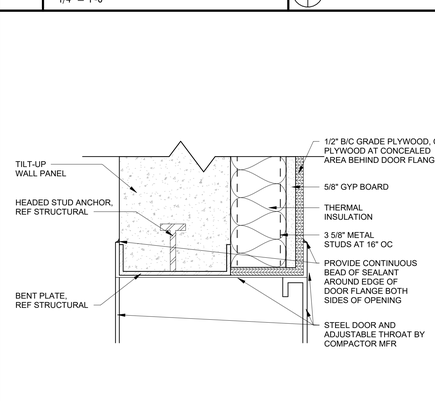
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5 TRASH COMPACTOR COVERING

1/2" = 1'-0"

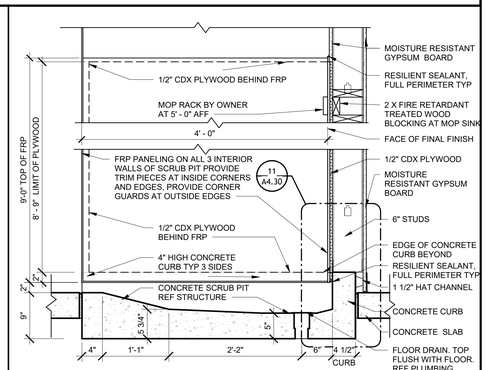
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6 TRASH COMPACTOR HEAD

3" = 1'-0"

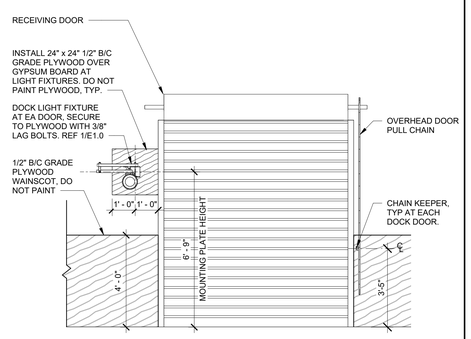
REF 5 /A3.21



7 SCRUB PIT

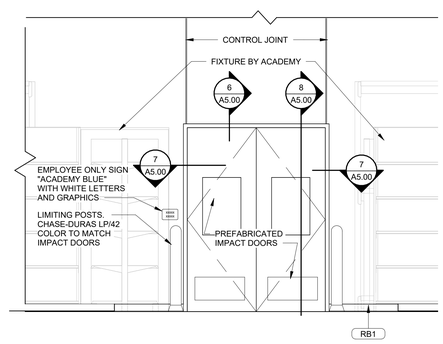
1" = 1'-0"

REF 1 /A4.30



8 LOADING DOCK ELEVATION

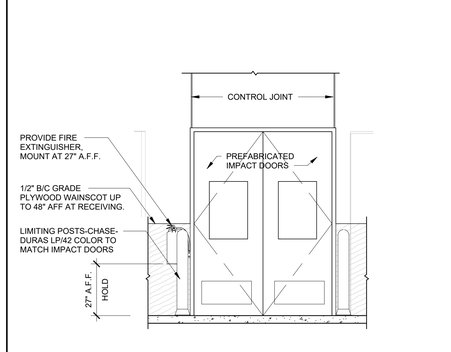
3/8" = 1'-0"



9 RECEIVING ENTRY

3/8" = 1'-0"

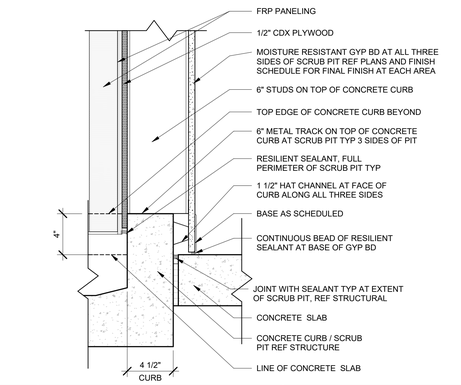
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10 RECEIVING EXIT

3/8" = 1'-0"

REF 1 /A4.30



11 CURB DETAIL AT SCRUB PIT

1 : 6

REF 7 /A4.30

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DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	PERMIT

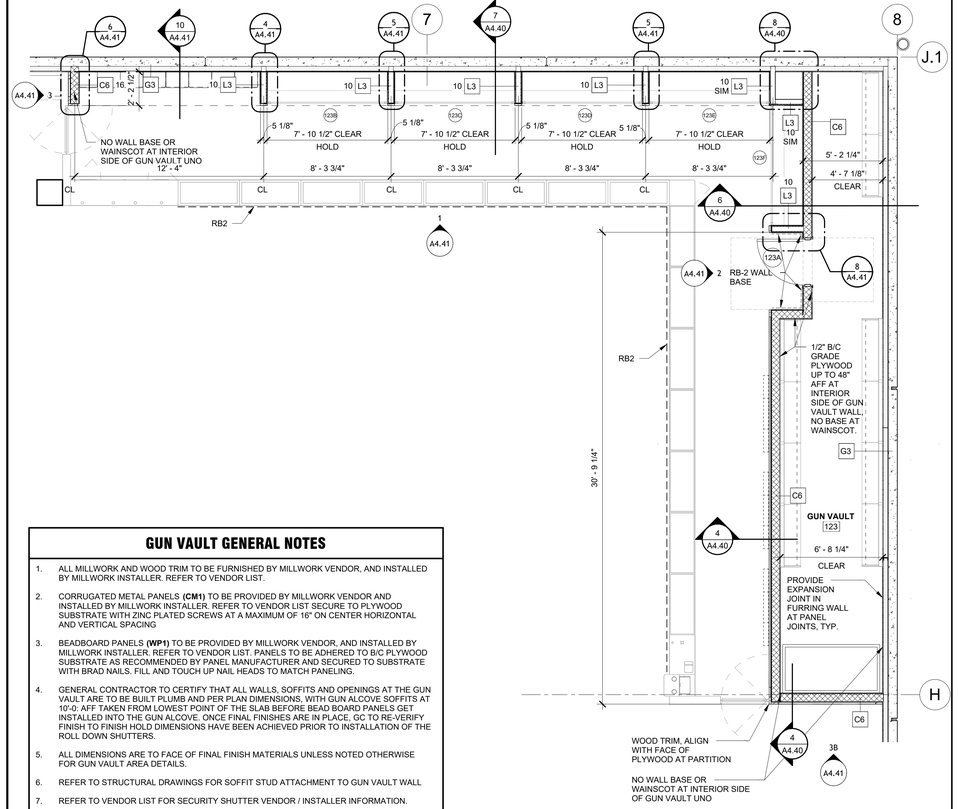
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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ENLARGED RECEIVING AREA, SUNGLASS DISPLAY

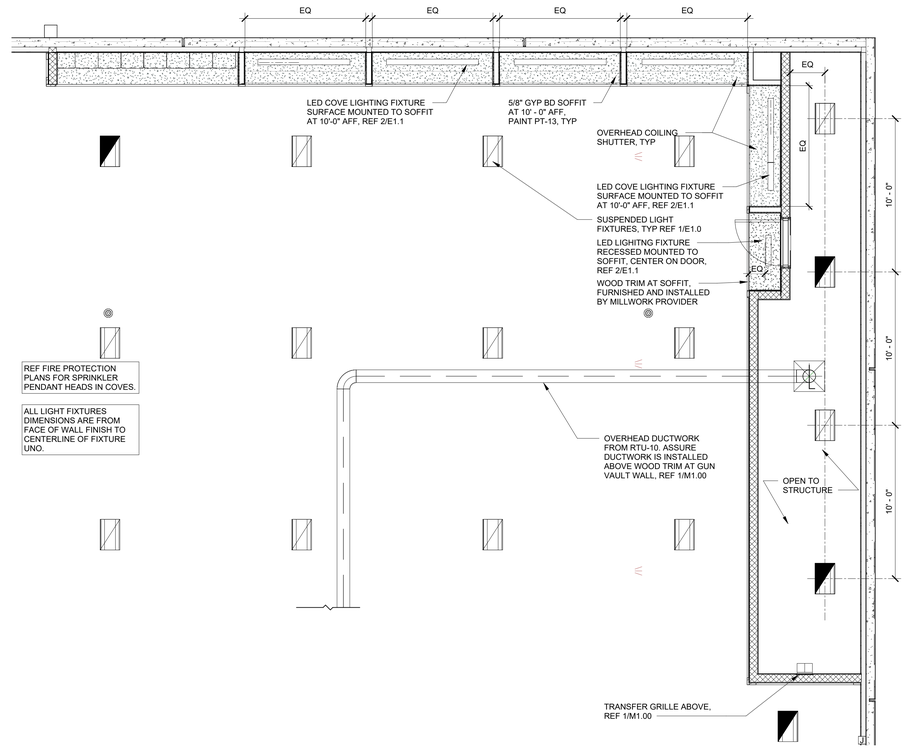
SHEET:
A4.30



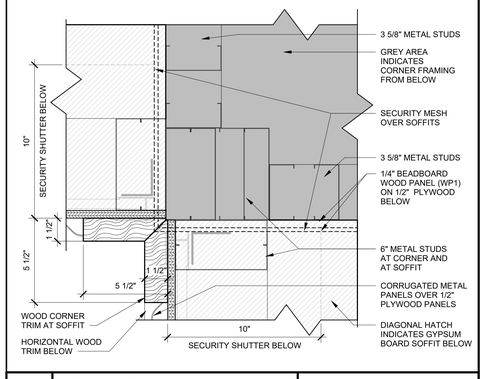
GUN VAULT GENERAL NOTES

1. ALL MILLWORK AND WOOD TRIM TO BE FURNISHED BY MILLWORK VENDOR, AND INSTALLED BY MILLWORK INSTALLER. REFER TO VENDOR LIST.
2. CORRUGATED METAL PANELS **(CM1)** TO BE PROVIDED BY MILLWORK VENDOR AND INSTALLED BY MILLWORK INSTALLER. REFER TO VENDOR LIST SECURE TO PLYWOOD SUBSTRATE WITH ZINC PLATED SCREWS AT A MAXIMUM OF 16" ON CENTER HORIZONTAL AND VERTICAL SPACING
3. BEADBOARD PANELS **(WP1)** TO BE PROVIDED BY MILLWORK VENDOR, AND INSTALLED BY MILLWORK INSTALLER. REFER TO VENDOR LIST. PANELS TO BE ADHERED TO B/C PLYWOOD SUBSTRATE AS RECOMMENDED BY PANEL MANUFACTURER AND SECURED TO SUBSTRATE WITH BRAD NAILS. FILL AND TOUCH UP NAIL HEADS TO MATCH PANELING.
4. GENERAL CONTRACTOR TO CERTIFY THAT ALL WALLS, SOFFITS AND OPENINGS AT THE GUN VAULT ARE TO BE BUILT PLUMB AND PER PLAN DIMENSIONS, WITH GUN ALCOVE SOFFITS AT 10'-0: AFF TAKEN FROM LOWEST POINT OF THE SLAB BEFORE BEAD BOARD PANELS GET INSTALLED INTO THE GUN ALCOVE. ONCE FINAL FINISHES ARE IN PLACE, GC TO RE-VERIFY FINISH TO FINISH HOLD DIMENSIONS HAVE BEEN ACHIEVED PRIOR TO INSTALLATION OF THE ROLL DOWN SHUTTERS.
5. ALL DIMENSIONS ARE TO FACE OF FINAL FINISH MATERIALS UNLESS NOTED OTHERWISE FOR GUN VAULT AREA DETAILS.
6. REFER TO STRUCTURAL DRAWINGS FOR SOFFIT STUD ATTACHMENT TO GUN VAULT WALL
7. REFER TO VENDOR LIST FOR SECURITY SHUTTER VENDOR / INSTALLER INFORMATION.

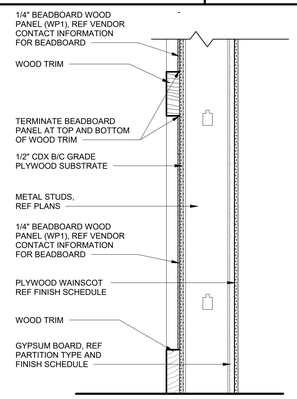
1 GUN VAULT FLOOR PLAN — 1/4" = 1'-0" — REF 1 /A1.00



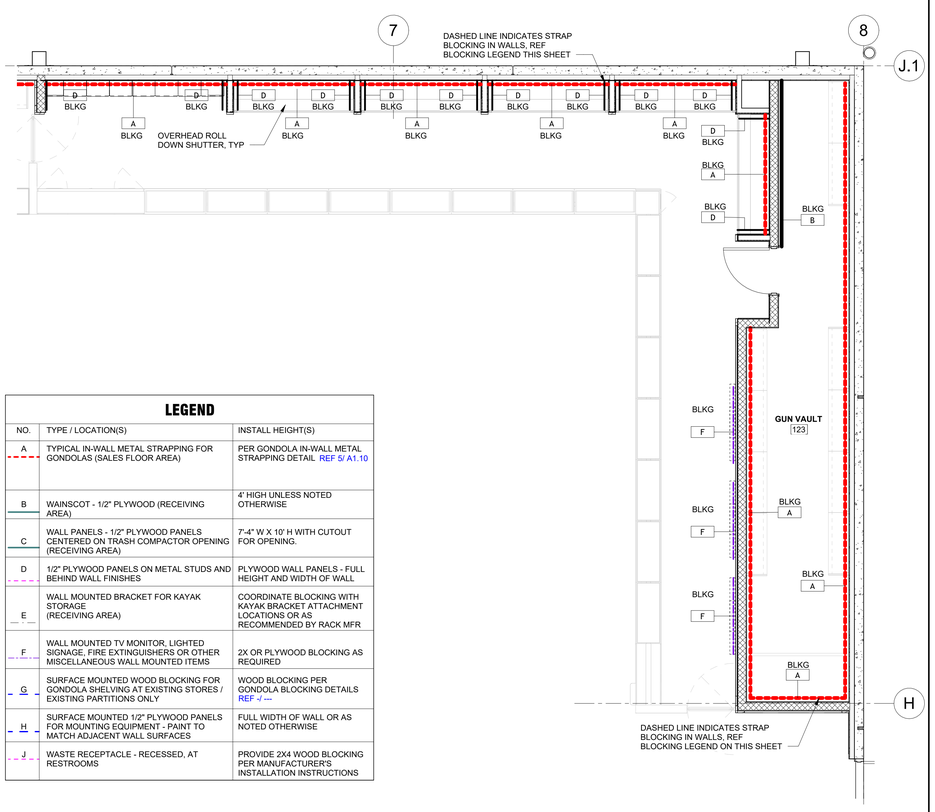
2 GUN VAULT R.C.P. — 1/4" = 1'-0" — REF 1 /A1.30



3 CORNER DETAIL AT SOFFIT LEVEL — 3" = 1'-0" — REF 8 /A4.40



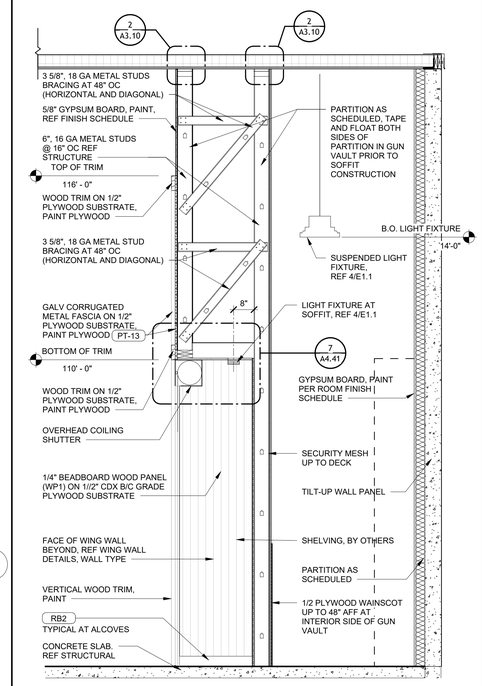
4 WOOD TRIM SECTION — 1 1/2" = 1'-0" — REF 1 /A4.40



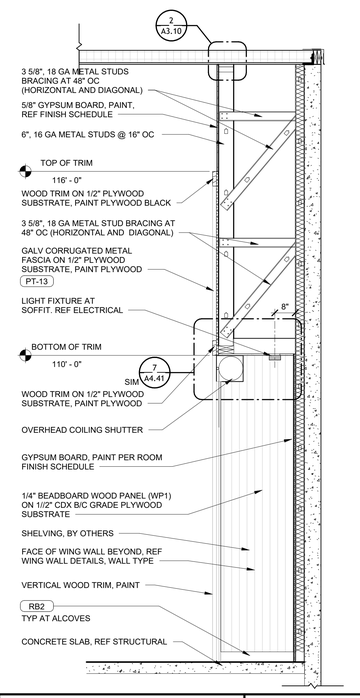
LEGEND

NO.	TYPE / LOCATION(S)	INSTALL HEIGHT(S)
A	TYPICAL IN-WALL METAL STRAPPING FOR GONDOLAS (SALES FLOOR AREA)	PER GONDOLA IN-WALL METAL STRAPPING DETAIL REF 5/ A1.10
B	WAINSCOT - 1/2" PLYWOOD (RECEIVING AREA)	4' HIGH UNLESS NOTED OTHERWISE
C	WALL PANELS - 1/2" PLYWOOD PANELS CENTERED ON TRASH COMPACTOR OPENING (RECEIVING AREA)	7'-4" W X 10' H WITH CUTOUT FOR OPENING.
D	1/2" PLYWOOD PANELS ON METAL STUDS AND BEHIND WALL FINISHES	PLYWOOD WALL PANELS - FULL HEIGHT AND WIDTH OF WALL
E	WALL MOUNTED BRACKET FOR KAYAK STORAGE (RECEIVING AREA)	COORDINATE BLOCKING WITH KAYAK BRACKET ATTACHMENT LOCATIONS OR AS RECOMMENDED BY RACK MFR
F	WALL MOUNTED TV MONITOR, LIGHTED SIGNAGE, FIRE EXTINGUISHERS OR OTHER MISCELLANEOUS WALL MOUNTED ITEMS	2X OR PLYWOOD BLOCKING AS REQUIRED
G	SURFACE MOUNTED WOOD BLOCKING FOR GONDOLA SHELVING AT EXISTING STORES / EXISTING PARTITIONS ONLY	WOOD BLOCKING PER GONDOLA BLOCKING DETAILS REF -/ ---
H	SURFACE MOUNTED 1/2" PLYWOOD PANELS FOR MOUNTING EQUIPMENT - PAINT TO MATCH ADJACENT WALL SURFACES	FULL WIDTH OF WALL OR AS NOTED OTHERWISE
J	WASTE RECEPTACLE - RECESSED, AT RESTROOMS	PROVIDE 2X4 WOOD BLOCKING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS

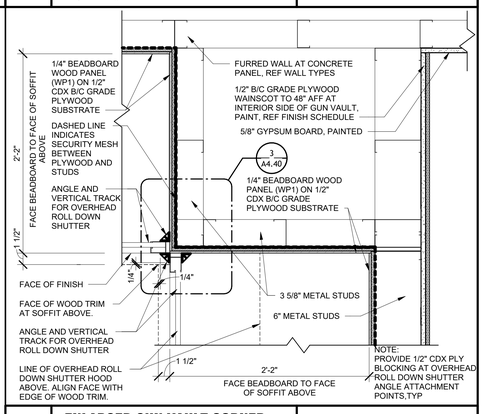
5 GUN VAULT BLOCKING PLAN — 1/4" = 1'-0" — REF 1 /A1.10



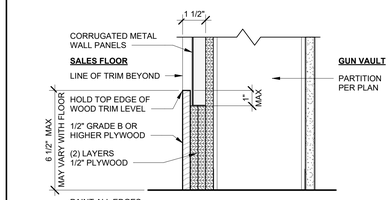
6 GUN VAULT SECTION — 1/2" = 1'-0" — REF 1 /A4.40



7 GUN VAULT SECTION — 1/2" = 1'-0" — REF 1 /A4.40



8 ENLARGED GUN VAULT CORNER — 1 1/2" = 1'-0" — REF 1 /A4.40



9 END WALL BASE TRIM — 3" = 1'-0" — REF 3B/A4.41

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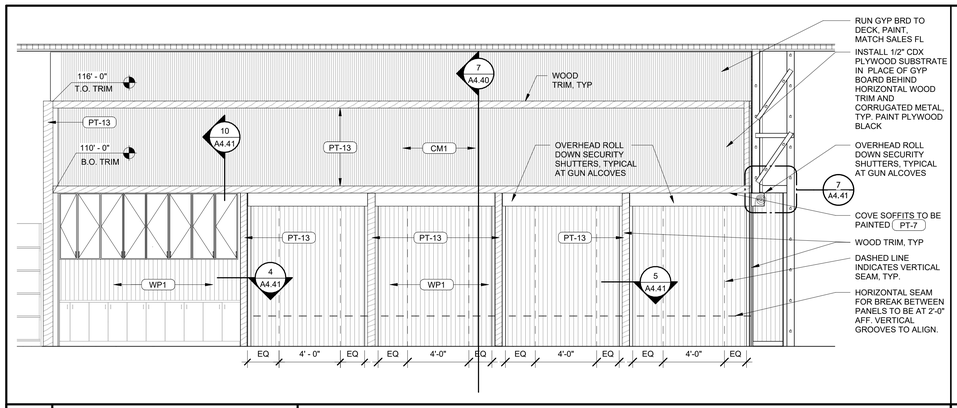
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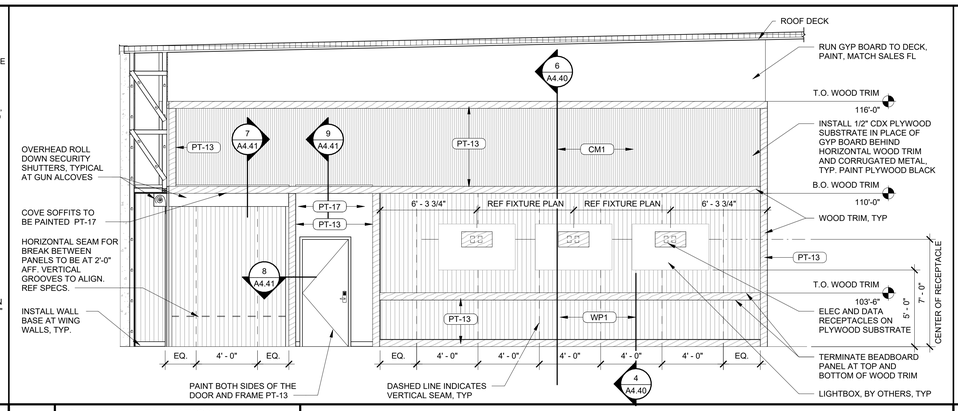
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ENLARGED GUN VAULT PLANS, SECTIONS, AND DETAILS

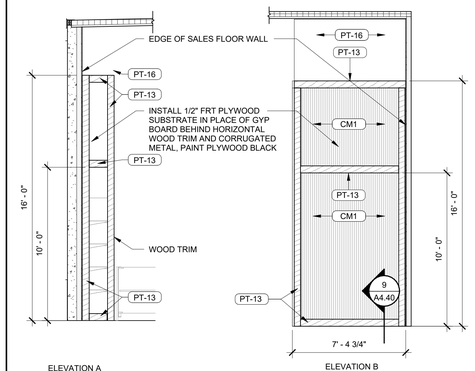
SHEET: A4.40



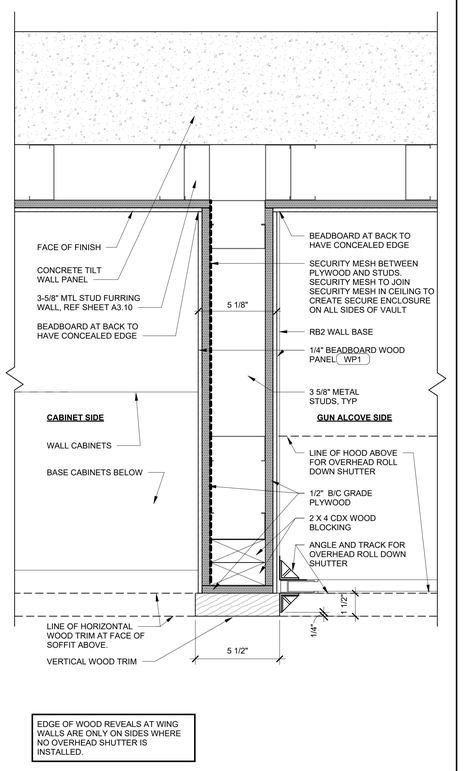
1 GUN VAULT ELEVATION — 1/4" = 1'-0" — REF 1 /A4.40



2 GUN VAULT ELEVATION — 1/4" = 1'-0" — REF 1 /A4.40

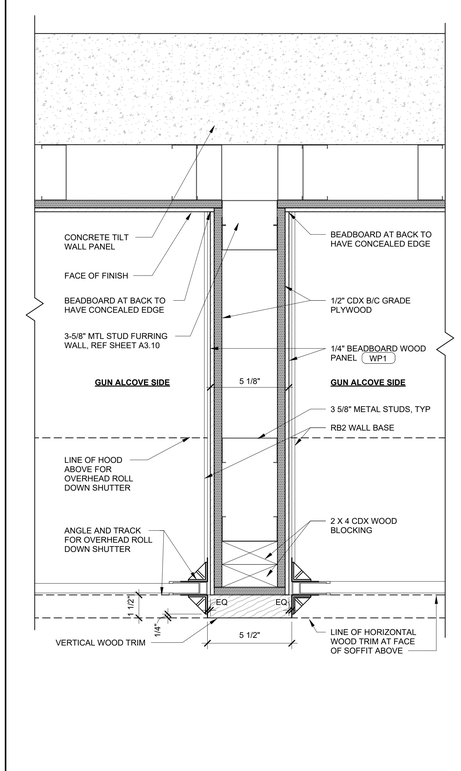


3 GUN VAULT ELEVATION END WALLS — 1/4" = 1'-0" — REF 1 /A4.40

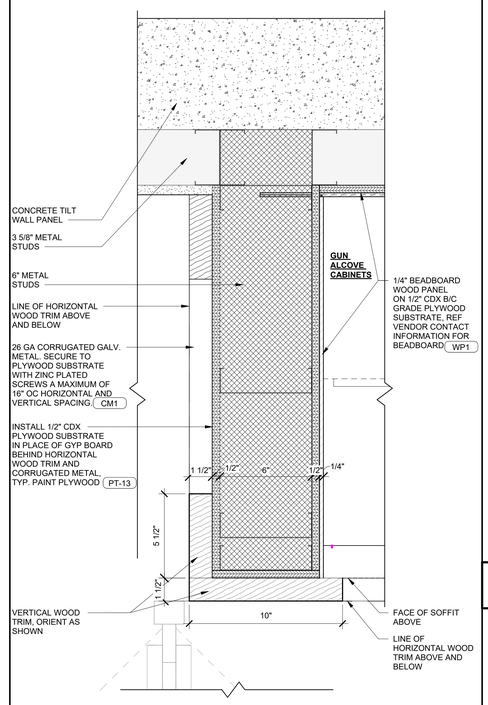


4 WING WALL DETAIL — 3" = 1'-0" — REF 1 /A4.40

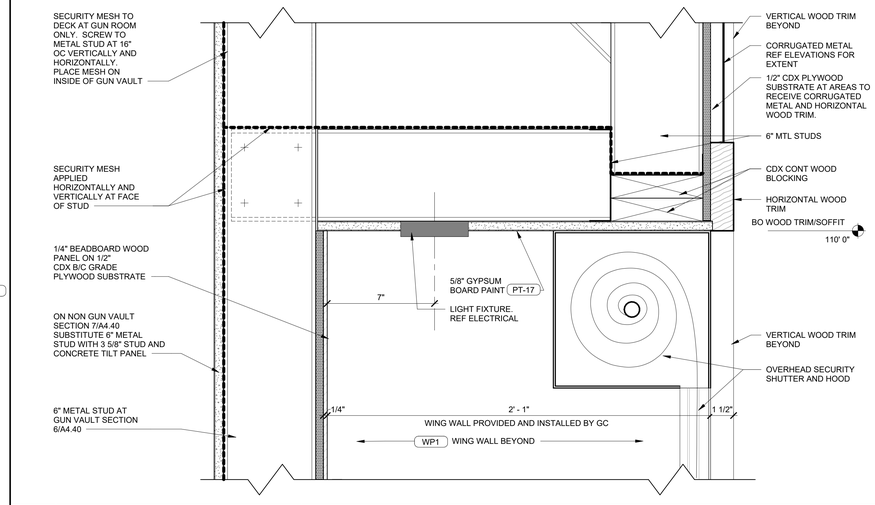
EDGE OF WOOD REVEALS AT WING WALLS ARE ONLY ON SIDES WHERE NO OVERHEAD SHUTTER IS INSTALLED.



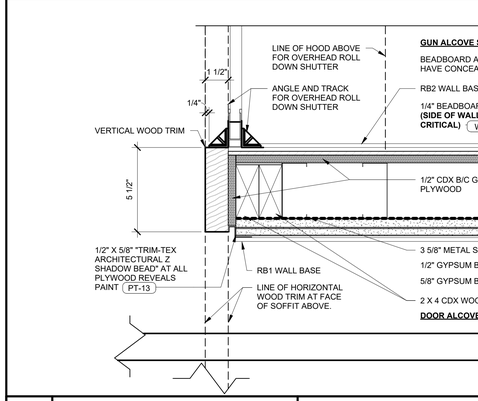
5 WING WALL DETAIL NO REVEAL — 3" = 1'-0" — REF 1 /A4.40



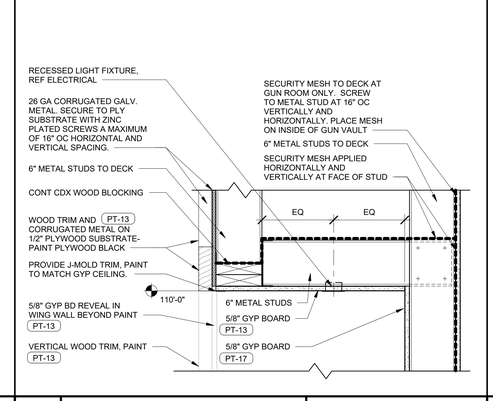
6 GUN VAULT WALL END DETAIL — 3" = 1'-0" — REF 1 /A4.40



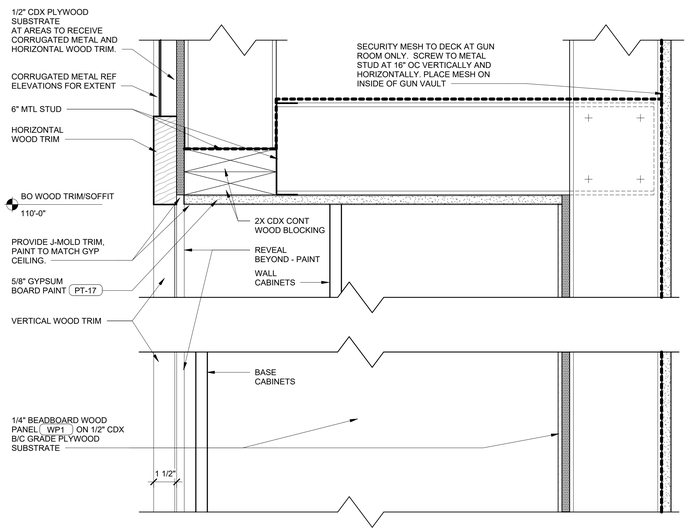
7 SECURITY SHUTTER AT GUN VAULT — 3" = 1'-0" — REF 2 /A4.40



8 WING WALL DETAIL AT DOOR — 3" = 1'-0" — REF 1 /A4.40



9 GUN VAULT SOFFIT AT DOOR — 1 1/2" = 1'-0" — REF 2 /A4.40



10 GUN VAULT SECTION AT CABINET — 3" = 1'-0" — REF 1 /A4.40

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ENLARGED GUN VAULT ELEVATIONS, SECTIONS, AND DETAILS

SHEET: A4.41

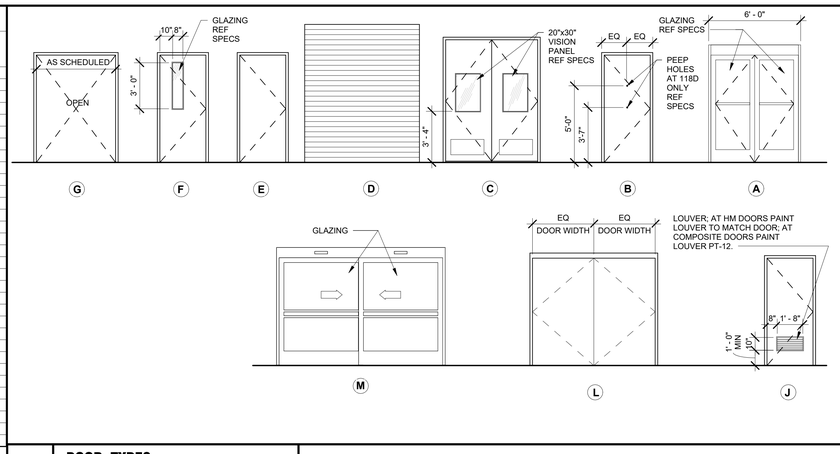
DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR TYPE	HARD WARE SET	DOOR					FRAME			DETAILS			COMMENTS
				WIDTH	HEIGHT	MATERIAL	FINISH INTERIOR	FINISH EXTERIOR	MATERIAL	FINISH INTERIOR	FINISH EXTERIOR	HEAD	JAMB	SILL	
101A	ENTRY	A		6' - 0"	7' - 8"			PT-13							
101B	ENTRY	D	10	9' - 1"	8' - 6 1/4"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	14/A7.04	8/A7.04	NONE	SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING
101C	ENTRY	A		6' - 0"	7' - 8"										
101D	ENTRY	D	10	9' - 1"	8' - 6 1/4"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	14/A7.04	8/A7.04	NONE	SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING
101E	ENTRY	A	1	6' - 0"	7' - 8"	ALUMIN/GLASS	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	2/A7.04	6/A7.04	NONE	
101F	ENTRY	A	1	6' - 0"	7' - 8"	ALUMIN/GLASS	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	2/A7.04	6/A7.04	NONE	
102A	CART STORAGE	M		11' - 0 1/2"	7' - 8"										
102B	CART STORAGE	D	10	11' - 0"	8' - 6 1/4"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	14/A7.04	10/A7.04	NONE	SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING
103A	SALES	B	2	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	3/A5.00	2/A5.00	5/A5.00	EXTERIOR EXIT - PANIC HARDWARE - SEE NOTE 7
103B	SALES	B	2	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	3/A5.00	2/A5.00	5/A5.00	EXTERIOR EXIT - PANIC HARDWARE - SEE NOTE 7
103C	SALES	B	2	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	3/A5.00	2/A5.00	5/A5.00	EXTERIOR EXIT - PANIC HARDWARE - SEE NOTE 7
109A	CASH COUNT	E	7	3' - 0"	7' - 0"	COMPOSITE	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00;11/A5.00	NONE	
111A	CORRIDOR	B	2	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	3/A5.00	2/A5.00	5/A5.00	EXTERIOR EXIT - PANIC HARDWARE - SEE NOTE 7
111B	CORRIDOR	G		5' - 4"	7' - 0"	N/A	N/A	N/A	HOLLOW METAL	ADC	ADC	9/A5.00	10/A5.00	NONE	HOLLOW METAL CASED DOOR OPENING WITH ACROVYN WRAP
113A	BREAKROOM	F	6	3' - 0"	7' - 0"	COMPOSITE	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00;11/A5.00	NONE	
114A	JANITOR	E	7	3' - 0"	7' - 0"	COMPOSITE	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00;11/A5.00	NONE	
115A	TRAINING	F	6	3' - 0"	7' - 0"	COMPOSITE	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00;11/A5.00	NONE	
116A	MANAGER	B	7	3' - 0"	7' - 0"	ALUMINUM	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00	NONE	
117A	ELECTRICAL	E	7	3' - 0"	7' - 0"	HOLLOW METAL	ADC	ADC	HOLLOW METAL	ADC	ADC	3/A5.00	4/A5.00;11/A5.00	NONE	
118A	RECEIVING	C	5	6' - 0"	8' - 0"	HDPE	METALLIC GRAY	METALLIC GRAY	HOLLOW METAL	PT-16	PT-16	6/A5.00	4/A5.00	NONE	HEAVY DUTY IMPACT DOORS 13 GA STEEL FRAME
118B	RECEIVING	D	3	8' - 0"	9' - 0"	STEEL	ODP	ODP	STEEL	ODP	ODP	8/A0.20	6/A0.20	4/SP1.2	COILING OVERHEAD DOOR - WEATHERSTRIPPING PACKAGE
118C	RECEIVING	D	3	8' - 0"	9' - 0"	STEEL	ODP	ODP	STEEL	ODP	ODP	8/A0.20	6/A0.20	4/SP1.2	COILING OVERHEAD DOOR - WEATHERSTRIPPING PACKAGE
118D	RECEIVING	B	2	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	14/A5.00	2/A5.00	7/A8.0	EXTERIOR EXIT - PANIC HARDWARE - SEE NOTE 7- REF 1/E2.00 FOR BUZZER AND SPECS FOR PEEP HOLE INFO
118E	RECEIVING	D	3	6' - 0"	9' - 0"	STEEL	ODP	ODP	STEEL	ODP	ODP	8/A0.20	6/A0.20	4/SP1.2	SEE NOTE 7
120A	IDF ROOM	J	7	3' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-16	HOLLOW METAL	PT-16	PT-16	3/A5.00	4/A5.00	NONE	PROVIDE OPENING FOR 20" X 10" LOUVER, REF 1/M1.11
121A	RISER ROOM	L	9	4' - 0"	7' - 0"	HOLLOW METAL	PT-16	PT-14	HOLLOW METAL	PT-16	PT-14	14/A5.00	2/A5.00	7/A8.0	PAIR OF DOORS WITH REMOVABLE MULLION
123A	GUN VAULT	E	7	3' - 0"	7' - 0"	HOLLOW METAL	PT-13	PT-13	HOLLOW METAL	PT-13	PT-13	3/A5.00	4/A5.00	NONE	FULL HEIGHT ASTRAGAL WELDED TO DOOR. DOOR, FRAME AND ASTRAGAL PAINT PT-13
123B	GUN VAULT	D	10	7' - 10"	10' - 0"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	7/A4.41	5/A4.41		SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING, PROVIDE LOCK SYSTEM PER SPECS
123C	GUN VAULT	D	10	7' - 10"	10' - 0"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	7/A4.41	5/A4.41		SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING, PROVIDE LOCK SYSTEM PER SPECS
123D	GUN VAULT	D	10	7' - 10"	10' - 0"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	7/A4.41	5/A4.41		SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING, PROVIDE LOCK SYSTEM PER SPECS
123E	GUN VAULT	D	10	7' - 10"	10' - 0"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	7/A4.41	5/A4.41		SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING, PROVIDE LOCK SYSTEM PER SPECS
123F	GUN VAULT	D	10	7' - 10"	10' - 0"	ALUMINUM	ANODIZED	ANODIZED	ALUMINUM	ANODIZED	ANODIZED	7/A4.41	5/A4.41		SECURITY SHUTTER, HEIGHT IS TO THE TOP OF COILING HOUSING, PROVIDE LOCK SYSTEM PER SPECS

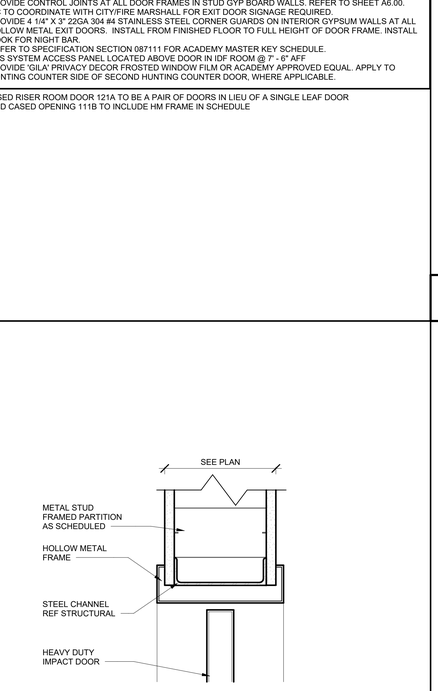
DOOR SCHEDULE NOTES

1. AT DOUBLE DOORS, ASTRAGAL TO BE CONTINUOUSLY FACTORY WELDED TO THE DOOR, PRIME AND PAINT TO MATCH DOOR FINISH.
2. HARDWARE AND THRESHOLD FOR AUTOMATIC DOORS TO BE PROVIDED BY AUTOMATIC DOOR VENDOR
3. ALL DOORS SHALL OPEN WITH A FORCE NOT TO EXCEED 5 POUNDS.
4. ALL DOORS AND HARDWARE TO MEET LOCAL AND STATE CODE REQUIREMENTS.
5. PROVIDE CONTROL JOINTS AT ALL DOOR FRAMES IN STUD GYP BOARD WALLS. REFER TO SHEET A6.00.
6. GC TO COORDINATE WITH CITY/FIRE MARSHALL FOR EXIT DOOR SIGNAGE REQUIRED.
7. PROVIDE 4 1/4" X 3" 22GA 304 #4 STAINLESS STEEL CORNER GUARDS ON INTERIOR GYPSUM WALLS AT ALL HOLLOW METAL EXIT DOORS. INSTALL FROM FINISHED FLOOR TO FULL HEIGHT OF DOOR FRAME. INSTALL HOOK FOR NIGHT BAR.
8. REFER TO SPECIFICATION SECTION 087111 FOR ACADEMY MASTER KEY SCHEDULE.
9. EAS SYSTEM ACCESS PANEL LOCATED ABOVE DOOR IN IDF ROOM @ 7' - 6" AFF
10. PROVIDE 'GILA' PRIVACY DECOR FROSTED WINDOW FILM OR ACADEMY APPROVED EQUAL. APPLY TO HUNTING COUNTER SIDE OF SECOND HUNTING COUNTER DOOR, WHERE APPLICABLE.

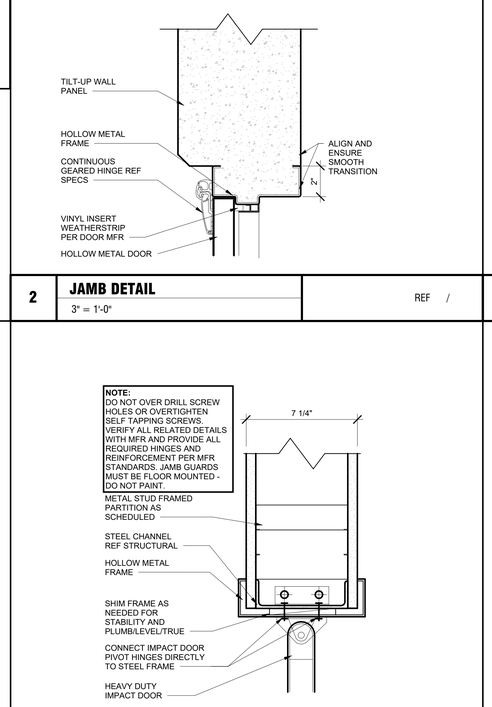
1. REVISED RISER ROOM DOOR 121A TO BE A PAIR OF DOORS IN LIEU OF A SINGLE LEAF DOOR
2. ADDED CASED OPENING 111B TO INCLUDE HM FRAME IN SCHEDULE



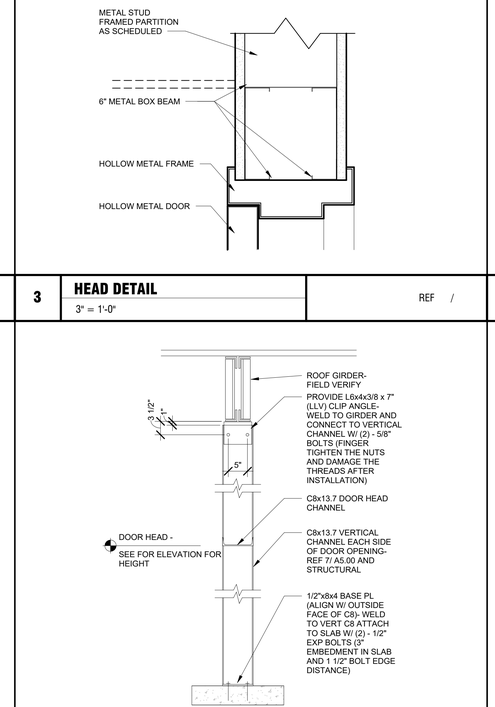
1 DOOR TYPES
1/4" = 1'-0" — REF /



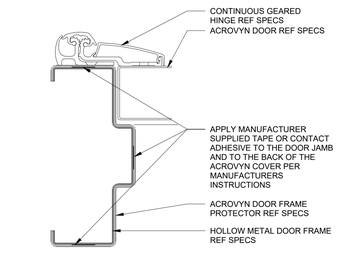
6 HEAD DETAIL
3" = 1'-0" — REF 9 /A4.30



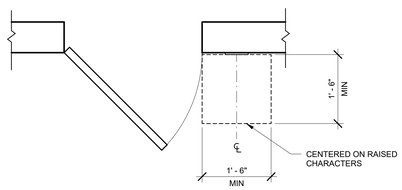
7 JAMB DETAIL
3" = 1'-0" — REF 9 /A4.30



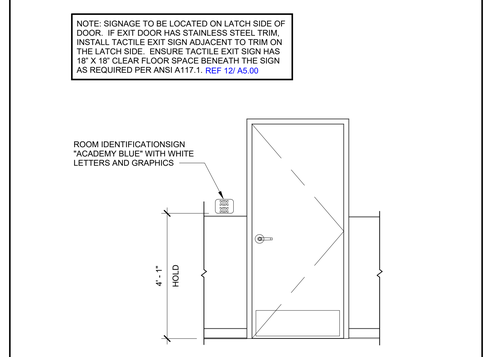
8 IMPACT DOOR DETAIL
3/4" = 1'-0" — REF 9 /A4.30



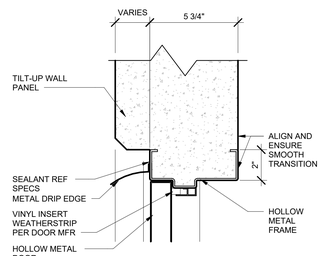
11 ACROVYN DOOR JAMB DETAIL
6" = 1'-0" — REF /



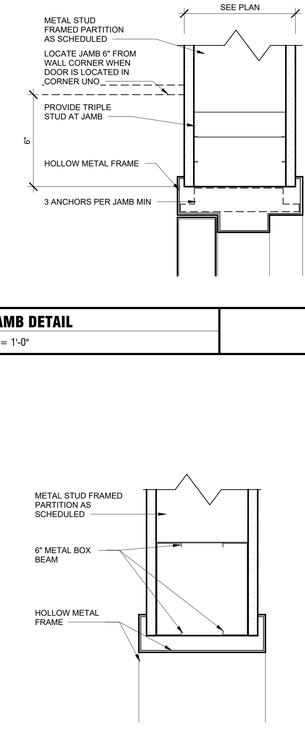
12 LOCATION OF SIGNS AT DOORS
3/4" = 1'-0" — REF /



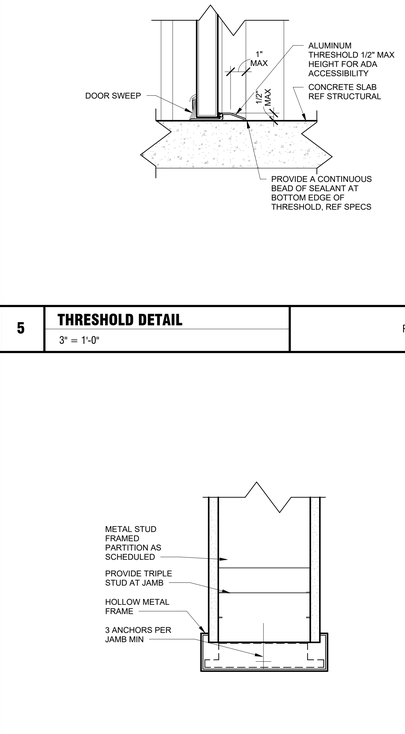
13 TYP ROOM SIGNAGE
1/2" = 1'-0" — REF /



14 HEAD DETAIL
3" = 1'-0" — REF /



2 JAMB DETAIL
3" = 1'-0" — REF /



5 THRESHOLD DETAIL
3" = 1'-0" — REF /

9 CASED OPENING HEAD
3" = 1'-0" — REF /

10 CASED OPENING JAMB
3" = 1'-0" — REF /

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STORE #:	TBD
ISSUE:	PERMIT

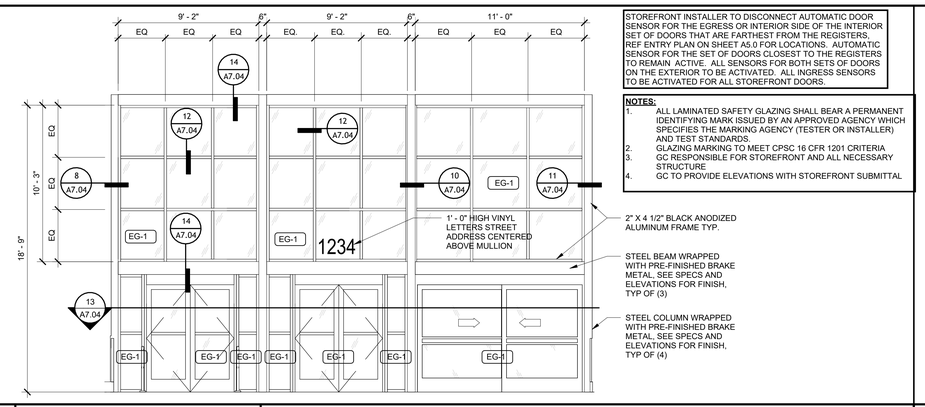
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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DOOR SCHEDULES AND DETAILS

SHEET: A5.00



STOREFRONT INSTALLER TO DISCONNECT AUTOMATIC DOOR SENSOR FOR THE EGRESS OR INTERIOR SIDE OF THE INTERIOR SET OF DOORS THAT ARE FARTHEST FROM THE REGISTERS, REF ENTRY PLAN ON SHEET A5.0 FOR LOCATIONS. AUTOMATIC SENSOR FOR THE SET OF DOORS CLOSEST TO THE REGISTERS TO REMAIN ACTIVE. ALL SENSORS FOR BOTH SETS OF DOORS ON THE EXTERIOR TO BE ACTIVATED. ALL INGRESS SENSORS TO BE ACTIVATED FOR ALL STOREFRONT DOORS.

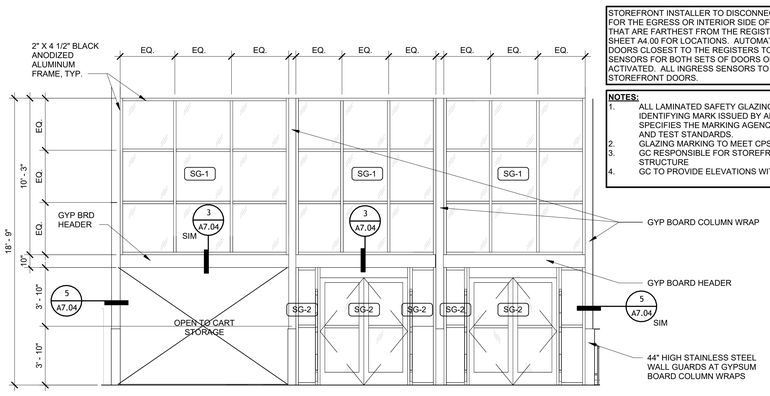
NOTES:

1. ALL LAMINATED SAFETY GLAZING SHALL BEAR A PERMANENT IDENTIFYING MARK ISSUED BY AN APPROVED AGENCY WHICH SPECIFIES THE MARKING AGENCY (TESTER OR INSTALLER) AND TEST STANDARDS.
2. GLAZING MARKING TO MEET CPSC 16 CFR 1201 CRITERIA
3. GC RESPONSIBLE FOR STOREFRONT AND ALL NECESSARY STRUCTURE
4. GC TO PROVIDE ELEVATIONS WITH STOREFRONT SUBMITTAL

1 EXTERIOR STOREFRONT

1/4" = 1'-0"

REF 1 / A2.10



STOREFRONT INSTALLER TO DISCONNECT AUTOMATIC DOOR SENSOR FOR THE EGRESS OR INTERIOR SIDE OF THE INTERIOR SET OF DOORS THAT ARE FARTHEST FROM THE REGISTERS, REF ENTRY PLAN ON SHEET A4.00 FOR LOCATIONS. AUTOMATIC SENSOR FOR THE SET OF DOORS CLOSEST TO THE REGISTERS TO REMAIN ACTIVE. ALL SENSORS FOR BOTH SETS OF DOORS ON THE EXTERIOR TO BE ACTIVATED. ALL INGRESS SENSORS TO BE ACTIVATED FOR ALL STOREFRONT DOORS.

NOTES:

1. ALL LAMINATED SAFETY GLAZING SHALL BEAR A PERMANENT IDENTIFYING MARK ISSUED BY AN APPROVED AGENCY WHICH SPECIFIES THE MARKING AGENCY (TESTER OR INSTALLER) AND TEST STANDARDS.
2. GLAZING MARKING TO MEET CPSC 16 CFR 1201 CRITERIA
3. GC RESPONSIBLE FOR STOREFRONT AND ALL NECESSARY STRUCTURE
4. GC TO PROVIDE ELEVATIONS WITH STOREFRONT SUBMITTAL

2 INTERIOR STOREFRONT

1/4" = 1'-0"

REF 1 / A4.00

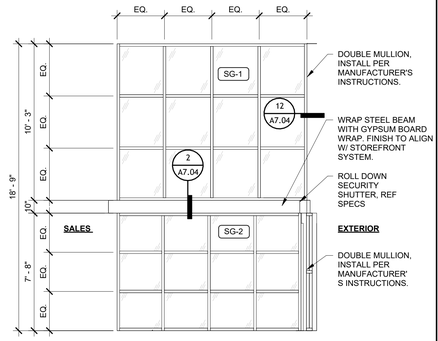
WINDOW AND DOOR GLAZING SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

TAG	GLAZING TYPE	LOCATIONS
SG1	CLEAR, SINGLE GLAZING	INTERIOR WINDOWS WHERE SAFETY GLAZING IS NOT REQUIRED (NOT FIRE RATED)
SG2	CLEAR, SINGLE TEMPERED GLAZING	INTERIOR DOORS AND WINDOWS (NOT FIRE RATED), INTERIOR VESTIBULE STOREFRONT AREAS
FR1	CLEAR FIRE-PROTECTION RATED GLAZING	INTERIOR DOORS AND WINDOWS IN FIRE RATED WALL CONSTRUCTION (WHERE APPLICABLE)
EG1	EXTERIOR INSULATED, SAFETY GLAZING - CLEAR	ENTRY VESTIBULES - SWINGING / SLIDING DOOR UNITS AND ADJACENT SIDELITES AT EXTERIOR WALL
EG2	EXTERIOR INSULATED, TEMPERED, TINTED	ENTRY VESTIBULES - GLAZING ABOVE ENTRY DOORS
EG3	EXTERIOR, IMPACT RATED, INSULATED, LAMINATED, SPANDREL GLAZING	CLERESTORY WINDOWS LOCATED AT PARAPET WALLS AND OTHER LOCATIONS AS INDICATED
EG4	EXTERIOR, IMPACT RATED, INSULATED, TEMPERED, LAMINATED, TINTED GLAZING	CLERESTORY WINDOWS VISIBLE FROM SALES FLOOR AREA AND WHERE INDICATED
SGF	LOCATION OF SUN CONTROL WINDOW FILM	GLAZING LOCATED IN EXTERIOR WALLS FACING SOUTH OR WEST - WHERE INDICATED
SWF	SECURITY WINDOW FILM	LOCATIONS ONLY WHERE INDICATED

GLAZING GENERAL NOTES

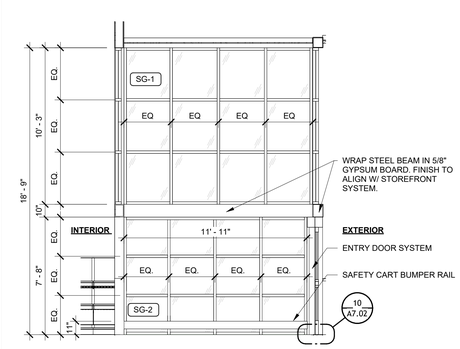
1. SUN CONTROL WINDOW FILM TO BE APPLIED TO ALL EXTERIOR GLAZING FACING SOUTH AND / OR WEST (NOT INCLUDING SPANDREL GLASS OR GLAZING WITH BLOCKOUT WINDOW FILM. REFER TO SITE PLAN AND EXTERIOR ELEVATIONS FOR APPLICABLE STOREFRONT AND WINDOW LOCATIONS.
2. SECURITY WINDOW FILM TO BE APPLIED ONLY TO EXTERIOR STOREFRONT ENTRY LOCATIONS WHERE SECURITY SHUTTERS CANNOT BE INSTALLED. REFERENCE EXTERIOR ELEVATIONS SCHEDULE THIS SHEET FOR LOCATIONS.



3 ENTRY VESTIBULE SIDE VIEW

1/4" = 1'-0"

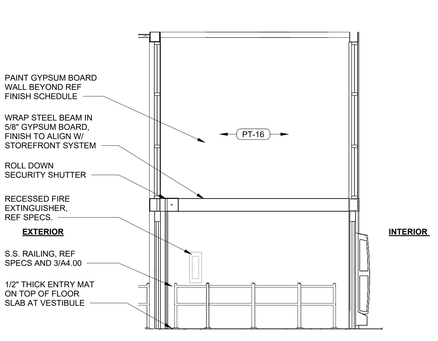
REF 1 / A4.00



4 CART STORAGE - SALES WALL

1/4" = 1'-0"

REF 1 / A4.00

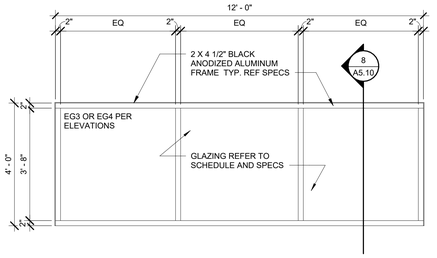


5 ENTRY SEPARATION

1/4" = 1'-0"

REF 1 / A4.00

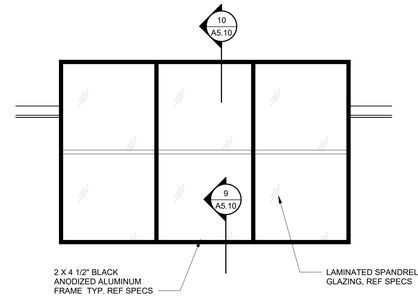
NOTE: IN LOCATIONS WHERE THE CLERESTORY WINDOWS ARE NOT VISIBLE FROM THE SALES FLOOR OR WHERE THERE IS A SUSPENDED CEILING BELOW THE WINDOW SILL ELEVATION, THE GLAZING WILL NEED TO BE SPANDREL GLAZING. MORE THAN ONE TYPE OF CLERESTORY MAY OCCUR IN A STORE LOCATION. REFER TO EXTERIOR ELEVATIONS.



6 CLERESTORY WINDOW

1/2" = 1'-0"

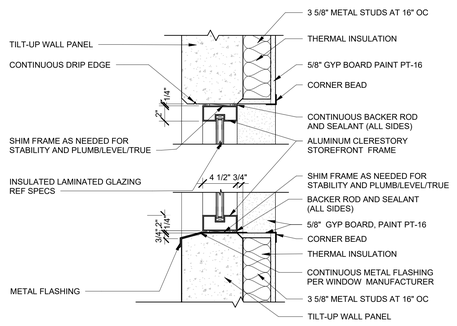
REF 1 / A2.00



7 SPANDREL GLAZIING DETAIL

3/8" = 1'-0"

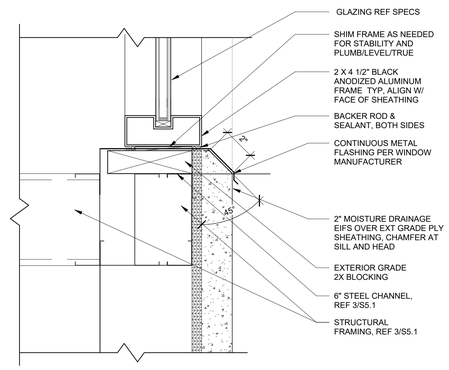
REF 1 / A2.10



8 CLERESTORY ENLARGED DETAIL

1 1/2" = 1'-0"

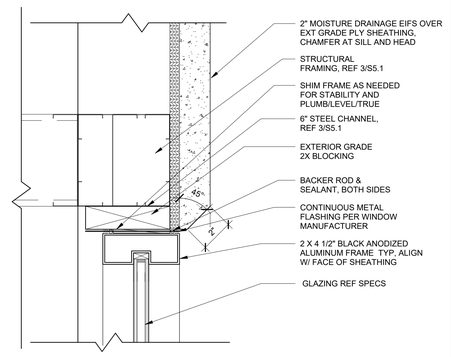
REF 6 / A5.10



9 SPANDREL GLAZING SILL

3" = 1'-0"

REF 2 / A3.20



10 SPANDREL GLAZING HEAD

3" = 1'-0"

REF 2 / A3.20

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ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

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DRAWN BY:	EMB
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REGISTERED ARCHITECT
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License Number 9753
STATE OF ARKANSAS
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WINDOW SCHEDULE ELEVATIONS AND DETAILS

SHEET: A5.10

ROOM FINISH SCHEDULE

RM#	ROOM NAME	FLOOR FINISH	FLOOR BASE	WALL A MAT	WALL A FINISH	WALL B MAT	WALL B FINISH	WALL C MAT	WALL C FINISH	WALL D MAT	WALL D FINISH	CEILING MAT	CEILING FINISH	CEILING HEIGHT	NOTES
101	ENTRY	EM1/EM2	RB1	ALUM/GLASS	---	ALUM/GLASS	---	GYP	PT-16	ALUM/GLASS	---	GYP	PT-17	19' - 0"	REF NOTE 4 - FINISH SCHEDULE NOTES
102	CART STORAGE	EM1	---	ALUM/GLASS	---	---	---	ALUM/GLASS	---	ALUM/GLASS	---	GYP	PT-17	19' - 0"	REF NOTE 4 - FINISH SCHEDULE NOTES
103	SALES	MP/FT/ CPT-3	RB1/RB2	GYP/ALUM/GLASS/PLY	ACW/PT-16	GYP/PLY	CM1/PT-13/PT-16/WP1	GYP/PLY	PT-16	GYP/PLY	CM1/PT-16/PT-13/WP1	OPEN	OPEN	OPEN	REF FLOOR FINISH PLAN FOR RUBBER MAT EXTENTS. REF INTERIOR ELEVATIONS FOR WALLS TO BE PAINTED TO DECK. REF NOTE 4 - FINISH SCHEDULE NOTES
104	WOMEN	BC	RB1	3/4" PLY	WP-3	3/4" PLY	WP-3	3/4" PLY	WP-3	3/4" PLY	WP-3	GYP	PT-17	9' - 0"	REF SHEET A4.20 FOR WALL PANEL DETAILS
105	MEN	BC	RB1	3/4" PLY	WP-3	3/4" PLY	WP-3	3/4" PLY	WP-3	3/4" PLY	WP-3	GYP	PT-17	9' - 0"	REF SHEET A4.20 FOR WALL PANEL DETAILS
107	FRONT END STORAGE	MP	RB1	GYP	ACW/PT-16	GYP	ACW/PT-16	GYP	PT-16	GYP	ACW/PT-16	ACT	ACT	9' - 0"	
108	ALCOVE	MP	RB1	GYP	ACW/PT-17	GYP	ACW/PT-17	GYP	ACW/PT-17	CT2/CT3/CT4	GYP	GYP	PT-17	9' - 0"	REF SHEET A6.01 FOR WALL TILE PATTERN AND ACW LOCATIONS
109	CASH COUNT	MP	RB1	GYP	ACW/PT-16	GYP	ACW/PT-16	GYP	ACW/PT-16	GYP	ACW/PT-16	ACT	ACT	9' - 0"	
111	CORRIDOR	MP	RB1	GYP	ACW/PT-17	GYP	ACW/PT-17	GYP	ACW/PT-17	GYP	ACW/PT-17	ACT	ACT	9' - 0"	REF CORRIDOR ELEVATIONS ON SHEET A6.01 FOR ACW LOCATIONS. REF NOTE 4 - FINISH SCHEDULE NOTES
113	BREAK ROOM	MP	RB1	GYP	PT-17	GYP	PT-17	GYP	PT-17	GYP	PT-17	ACT	ACT	9' - 0"	INSTALL RUBBER BASE, RB1, AT CABINETS
114	JANITOR	MP	---	1/2" PLY	FRP1	1/2" PLY	FRP1	1/2" PLY	FRP1	1/2" PLY	FRP1	OPEN	OPEN	OPEN	FRP ON WALLS TO 9'-0" AFF, PROVIDE CONTINUOUS SEALANT TO MATCH FRP PANELS ALONG PANEL BASE, ALL WALLS
115	TRAINING	MP	RB1	GYP	PT-17	GYP	PT-17	GYP	PT-17	GYP	PT-17	ACT	ACT	9' - 0"	
116	MGR OFFICE	MP	RB1	GYP	PT-17	GYP	PT-17	GYP	PT-17	GYP	PT-17	ACT	ACT	9' - 0"	
117	ELECTRICAL ROOM	BC	---	GYP	PLY	GYP	---	GYP	---	GYP	---	OPEN	OPEN	OPEN	REF ELECTRICAL PLANS FOR EXTENT OF PLYWOOD FINISH AT SCHEDULED WALL
118	RECEIVING	BC	---	GYP	PW1	GYP	PW1	GYP	FRP1/PW1	GYP	PW1	OPEN	OPEN	OPEN	ALL GYP BD WALLS TO HAVE UNPAINTED 1/2" BC GRADE PLYWOOD WAINSCOT UP TO 48" AFF, WRAP ENDS OF WALLS AT SCRUB PIT
120	IDF ROOM	BC	---	GYP	---	GYP	---	GYP	---	GYP	---	OPEN	SECURITY MESH	16' - 0"	REF SHEET A1.30 & 4/A4.30
121	RISER ROOM	BC	---	GYP	---	GYP	---	GYP	---	GYP	---	OPEN	OPEN	OPEN	
123	GUN VAULT	MP	RB1/RB2	GYP	PT-16	GYP	PT-16	GYP	PT-16	GYP	PT-16	OPEN	OPEN/ PT-17/PT-13	OPEN	REF PLAN FOR EXTENT OF PAINTING. SEE ELEVATIONS AND ADDITIONAL DETAILS FOR LOCATIONS OF BASE

FINISH LEGEND

CODE	FINISH / MATERIAL TYPE	MFR	PRODUCT / COLOR NO. / SIZE
FLOOR FINISHES:			
SC	SEALED CONCRETE	SEE SPECS	CLEAR, PENETRATING LIQUID APPLIED SEALER. REFER TO SPEC SECTION 033560
BC	BURNISHED CONCRETE	RE: VENDOR LIST	STANDARD CONCRETE COLOR - NO STAINS OR COLORANTS. SEE SPEC SECTION 033565
MP	MODIFIED POLISHED CONCRETE	RE: VENDOR LIST	STANDARD CONCRETE COLOR - NO STAINS OR COLORANTS. SEE SPEC SECTION 033560
VCT	VINYL COMPOSITE TILE	TARKETT	VCT II - 12"X12"X1/8" TILES, COLOR: #556 SANDSTONE - FOR USE IN STORE REMODEL PROJECTS ONLY. PLEASE CONTACT LOCAL TARKETT DISTRIBUTOR FOR PRICING AND INVENTORY. USE PRICING REF # REF : ACADEMY NPN 8900 (SPECIAL PRICING).
CPT-1	CARPET TILE	TARKETT	STEELWORK #26202
EM1	RUBBER ENTRY MAT - WITHOUT CARPET - EXTERIOR TILES	PORTICO SYSTEMS	SNAP TRAX BY PORTICO SYSTEMS; COLOR: BLACK - 19.69" X 19.69" INTERLOCKING TILES W/RECESSED ALUMINUM FRAME
EM2	RUBBER ENTRY MAT - WITH EXTERIOR CARPET TILES ALUMINUM FRAME	PORTICO SYSTEMS	SNAP TRAX BY PORTICO SYSTEMS; COLOR: BLACK - 19.69" X 19.69" INTERLOCKING TILES W/RECESSED
FT	VINYL FLOOR TAPE	3M	VINYL TAPE - 4" WIDE, COLOR: "BLACK" - #471
WALL BASE:			
RB1	RUBBER WALL BASE	JOHNSONITE / TARKETT	4" HIGH DURACOVE THERMOPLASTIC (TP) BASE - COLOR: CHARCOAL GRAY #CB20 - PREMOLDED INSIDE & OUTSIDE CORNERS - WHEREVER GYP BD IS EXPOSED TO VIEW ON SALES FLOOR, AT 3'-0" TO THE SIDE OF EACH DOOR AT SALES FLOOR, AND ALL THROUGHOUT BACK OF HOUSE AREAS AS SCHEDULED.
RB2	RUBBER WALL BASE	JOHNSONITE / TARKETT	4" HIGH DURACOVE THERMOPLASTIC (TP) BASE - COLOR: BLACK #CB40 - PREMOLDED INSIDE & OUTSIDE CORNERS - WHEREVER GYP BD IS EXPOSED TO VIEW ON SALES FLOOR, AT 3'-0" TO THE SIDE OF EACH DOOR AT SALES FLOOR, AND ALL THROUGHOUT BACK OF HOUSE AREAS AS SCHEDULED.
WALL AND PREFINISHED METAL FINISHES:			
ACW	ACROVYN WALL COVERING - WAINSCOT PANELS	CONSTRUCTION SPECIALTIES	ACROVYN SOLID COLORS 4000 - #136 "PEARL GRAY", SUEDE TEXTURE. MATCHING EDGE TRIM.
PW1	PLYWOOD WAINSCOT	N/A	NATURAL PLYWOOD COLOR / FINISH
CM1	CORRUGATED GALVANIZED METAL	MCELROY METALS	32" WIDE MULTI-COR PANELS, 7/8" THICK, GALVALUME PLUS - NO PAINT FINISH - ON BOTH FACES. INTERIOR SALES FLOOR AREA: 26 GAUGE MATERIAL.
CM2	CORRUGATED GALVANIZED METAL	MCELROY METALS	32" WIDE MULTI-COR PANELS, 7/8" THICK, GALVALUME PLUS - NO PAINT FINISH - ON BOTH FACES. EXTERIOR: 22 GAUGE MATERIAL.
PT-1	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "ACADEMY BLUE" CUSTOM COLOR MIX - EXTERIOR - WHERE INDICATED
PT-2	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "RED OBSESSION - #SW7590 - WHERE INDICATED
PT-3	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "PURE WHITE" - #SW7005 - EXTERIOR CONDENSATE DRAIN PIPING ON ROOF, EXTERIOR SOFFIT, BACK OF PARAPET ON ROOF.
PT-8	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "TRICORN BLACK" - #SW6258 (SATIN) - INTERIOR - CEILINGS AT STORE REMODELS AND ELSEWHERE AS INDICATED
PT-9	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "SAFETY YELLOW" - #SW4084 EXTERIOR - GAS PIPING ON ROOF, NOT IN VIEW OF PUBLIC.
PT-10	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "BACKDROP" - #SW7025 EXTERIOR - WHERE INDICATED
PT-11	NOT USED		
PT-12	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "STAMPED CONCRETE" - #SW7655; INTERIOR - LOUVERS AT IMPACT RESISTANT DOORS
PT-13	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "SEALSKIN" - #SW7675 INTERIOR - WOOD TRIM AT HUNTING COUNTER MILLWORK
PT-14	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "RELAXED KHAKI" - #SW6149; EXTERIOR - WHERE INDICATED
PT-15	PAINT (SPEC 099113)	SHERWIN-WILLIAMS	COLOR: "ROMAN COLUMN" - #SW7562 EXTERIOR - WHERE INDICATED
PT-16	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "ROMAN COLUMN" - #SW7562 INTERIOR - PAINT TO 12" ABOVE CEILING; WALLS AND & COLUMNS TO ROOF DECK IN SALES FLOOR AREAS
PT-17	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "PURE WHITE" - #SW7005 INTERIOR - GYP BD CEILINGS AND ON WALLS WHERE INDICATED
PT-18	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "DARK BROWN" - SW 7520 - STEEL CANOPY AND EXTERIOR WHERE INDICATED
PT-19	PAINT (SPEC 099123)	SHERWIN-WILLIAMS	COLOR: "TRICORN BLACK" - #SW6258 (SATIN) - EXTERIOR - CANOPY FAUX PLATES, SADDLES AND BOLTS TO BE FIELD PAINTED INCLUDE GUSSET PLATES AND GLULAM HARDWARE
PF-4	PREFINISHED METAL	BERRIDGE MANUFACTURING CO.	COLOR: MEDIUM BRONZE - METAL PARAPET CAPS, CANOPY GUTTERS AND DOWNSPOUTS.
PF-5	NOT USED		
PF-6	PREFINISHED METAL	BERRIDGE MANUFACTURING CO.	COLOR: ALMOND
PF-7	PREFINISHED METAL	BERRIDGE MANUFACTURING CO.	COLOR: BUCKSKIN
SV-1	FAUX STONE VENEER	EVOLVE STONE	NATIONAL TRUE PHANTOM SHADOW - MECHANICALLY FASTENED - FRAMED WALL APPLICATION ONLY
SV-2	FAUX STONE VENEER CAP	EVOLVE STONE	NATIONAL TRUE PHANTOM SHADOW - MECHANICALLY FASTENED - FRAMED WALL APPLICATION ONLY
ST-1	STONE VENEER	T.B.D.	T.B.D.
FCB1	FIBER CEMENT BOARD COMPOSITE WALL PANELS	NICHIHA	STYLE: 'ROUGH SAWN' COLOR: 'TOBACCO' (FOR USE ONLY ON APPLICABLE PROJECTS. REFERENCE EXTERIOR ELEVATIONS)
FRP1	FIBERGLASS REINFORCED PLASTIC WALL PANELS	CRANE COMPOSITES, INC.	STYLE: KEMLITE FIRE-X GLASSBOARD EMBOSSED WALL PANELS. COLOR: WHITE UNLESS NOTED OTHERWISE. PEBBLED TEXTURE. FOR USE IN JANITOR'S CLOSETS, SCRUB PITS AND OTHERWISE AS INDICATED.
WP-3	HANGLOCK 007 47" FULL BRICK INTERLOCKING PANEL PRINT	HANGLOCK	HANGLOCK 12ML STARLIGHT WHITE, BOARD MATERIAL - 3MM X 49 X 96 - GRAY - HLBR4769
CASEWORK:			
PL-8	PLASTIC LAMINATE	PIONITE	COLOR: 'SLATE'; FINISH: 'SUEDE' - #SC228**(ALTERNATE: WILSONART; COLOR: 'SLATE GREY' - #D91-60, MATTE FINISH) BREAKROOM CABINETS; ALL INTERIOR CABINET SHELVES AND FACES TO BE WHITE MELAMINE WITH WHITE EDGE BANDS
PL-9	PLASTIC LAMINATE	PIONITE	COLOR: 'CRACKLE CRUNCH' - #WO680-SD; BREAKROOM COUNTERTOPS
WP-1	1/4" THICK BEADBOARD PANELS - INSTALLED OVER PLYWOOD PANELS, PER DETAILS.		REFER TO VENDOR CONTACT LIST
CEILING FINISHES:			
ACT	ACOUSTICAL TILE CEILINGS (SPEC 095123)	ARMSTRONG	STYLE: 'CORTEGA' ; COLOR: WHITE, 24"X48"X5/8" TILES, WITH SQUARE EDGE; WHITE EXPOSED 'T' GRID.
GYP	SUSPENDED GYP BOARD CEILING ON METAL STUD FRAMING		REFER TO WALL FINISHES ABOVE
OPEN	EXPOSED TO STRUCTURE & ROOF ABOVE	N/A	N/A
MISCELLANEOUS:			
MLL	METAL LOCKERS - PREFINISHED	BY ASO	WELDED CORRIDOR LOCKERS; COORDINATE IN FIELD
MTP	METAL TOILET PARTITIONS	FLUSH METAL PARTITION, LLC	POWDER-COATED STEEL - COLOR: #18 - "BLUE"
ADC	IMPACT RESISTANT DOORS & FRAMES	CONSTRUCTION SPECIALTIES	ACROVYN SOLID COLORS 4000 - #136 'PEARL GRAY', SUEDE TEXTURE. MATCH FRAME AND EDGE TRIM TO DOOR COLOR.
ODP	OVERHEAD COILING DOOR - MFR'S POWDERCOAT FINISH	CORNELL STOREFRONT SYSTEMS	MATCH RAL 7006 'BEIGE GREY' - INTERIOR SLATS, EXTERIOR SLATS, TRACKS, EDGE TRIM, & HOOD

FINISH SCHEDULE NOTES

1. NOT ALL NOTES MAY APPLY. REFER TO PLANS AND SPECIFICATIONS FOR FINISHES AND THEIR LOCATIONS.
2. ANY CONDUIT OR PIPING EXPOSED TO PUBLIC VIEW IS TO BE PAINTED TO MATCH ADJACENT WALL COLOR.
3. MR - MOISTURE RESISTANT
4. ALL INTERIOR SALES WALLS TO BE PAINTED EGG SHELL/ ALL BOH WALLS SEMI-GLOSS.
5. ACROVYN WAINSCOT AT FRONT OFFICE AREA. REFER TO ENLARGED PLANS FOR ADDITIONAL NOTES.
6. REF SHEETS A4.40 AND A4.41 FOR GUN VAULT DETAILS AND FINISHES.
7. BASE TO BE INSTALLED AT MILLWORK.
8. OPEN CEILING REFERS TO AREAS THAT ARE OPEN TO UNDERSIDE OF ROOF AND STRUCTURE ABOVE.

FLOOR FINISH NOTES

1. CONFIRM LAYOUT WITH ACADEMY PROJECT MANAGER BEFORE LAYING OUT FLOORING MATERIAL.
2. REF SHEET A5.30 FOR FLOOR TAPING PLAN.
3. PROVIDE WALL BASE WHERE EXPOSED TO VIEW 3'-0" EACH SIDE OF DOORWAYS. REF SHEET A1.20 FOR FIXTURE LOCATIONS.
4. CARPET INSTALLATION TO BE PROVIDED BY CONTRACTOR UNLESS NOTED OTHERWISE ON THE VENDOR LIST.
5. **FINISH FLOORING PLAN DIMENSIONS TAKEN FROM FACE OF FINISH UNLESS NOTED OTHERWISE.**

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ROOM FINISH SCHEDULE AND FINISH LEGEND

SHEET:
A5.20

FLOORING PLAN

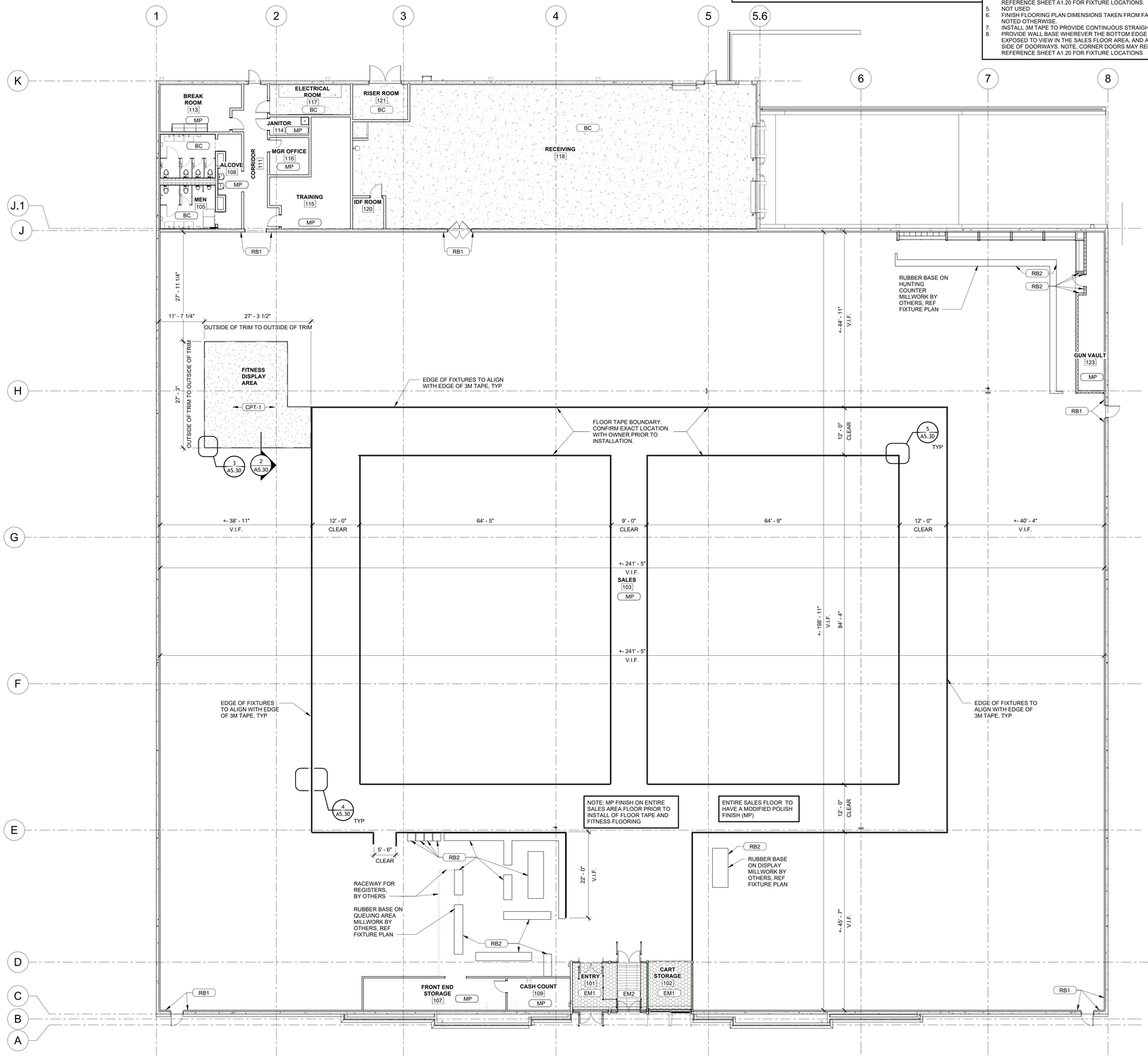
RECEIVED FROM ACADEMY ON 09/24/25

FLOORING PLAN

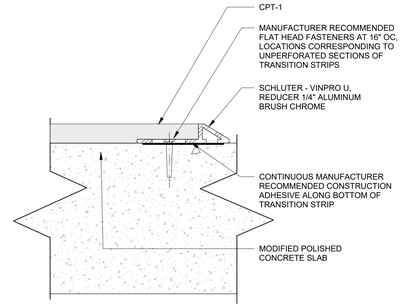
ISSUED ON 09/24/25

FIXTURE / FINISH LAYOUT NOTES

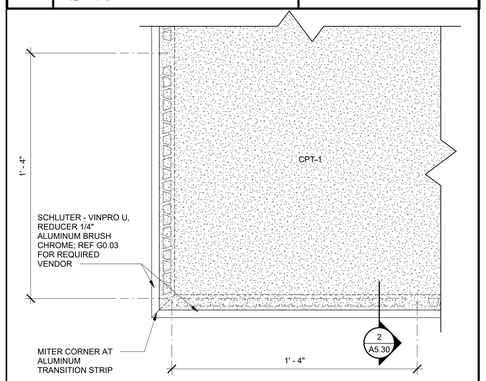
1. 3M BLACK VINYL TAPE TO BE PURCHASED THROUGH REQUIRED VENDOR CONTACT AND INSTALLED BY FLOOR FINISH SUBCONTRACTOR.
2. CONFIRM LAYOUT WITH ACADEMY PROJECT MANAGER BEFORE LAYING OUT FLOORING MATERIAL. COORDINATE 3M TAPE LOCATION WITH FIXTURE PLAN LAYOUT.
3. REFER TO SHEET A1.20 FOR FIXTURE LOCATIONS.
4. PROVIDE WALL BASE WHERE EXPOSED TO VIEW 3' EACH SIDE OF DOORWAYS. REFERENCE SHEET A1.20 FOR FIXTURE LOCATIONS.
5. NOT USED
6. FINISH FLOORING PLAN DIMENSIONS TAKEN FROM FACE OF FINISH UNLESS NOTED OTHERWISE.
7. INSTALL 3M TAPE TO PROVIDE CONTINUOUS STRAIGHT LINE.
8. PROVIDE WALL BASE WHEREVER THE BOTTOM EDGE OF THE GYPSUM BOARD IS EXPOSED TO VIEW IN THE SALES FLOOR AREA, AND A MINIMUM OF 3'-0" ON EACH SIDE OF DOORWAYS. NOTE, CORNER DOORS MAY REQUIRE MORE WALL BASE. REFERENCE SHEET A1.20 FOR FIXTURE LOCATIONS



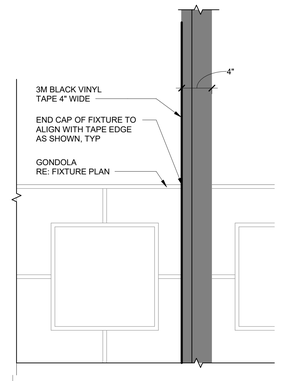
1 **FLOOR FINISH AND TAPING PLAN** — 3/32" = 1'-0" — REF 1 /A2.00



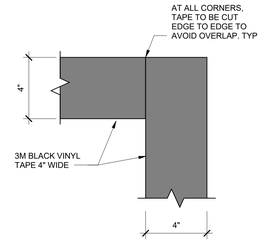
2 **FLOORING TO MP TRANSITION** — 12" = 1'-0" — REF 1 /A5.30



3 **PLAN DETAIL AT FITNESS FLAT** — 3" = 1'-0" — REF 1 /A5.30



4 **FIXTURE/TAPE LOCATION** — 1 1/2" = 1'-0" — REF 1 /A5.30



5 **3M TAPE CORNER CUTS** — 3" = 1'-0" — REF 1 /A5.30

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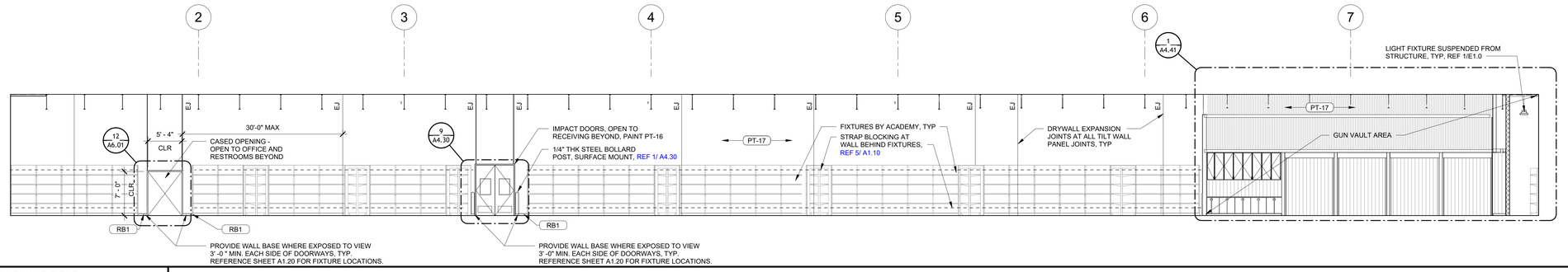
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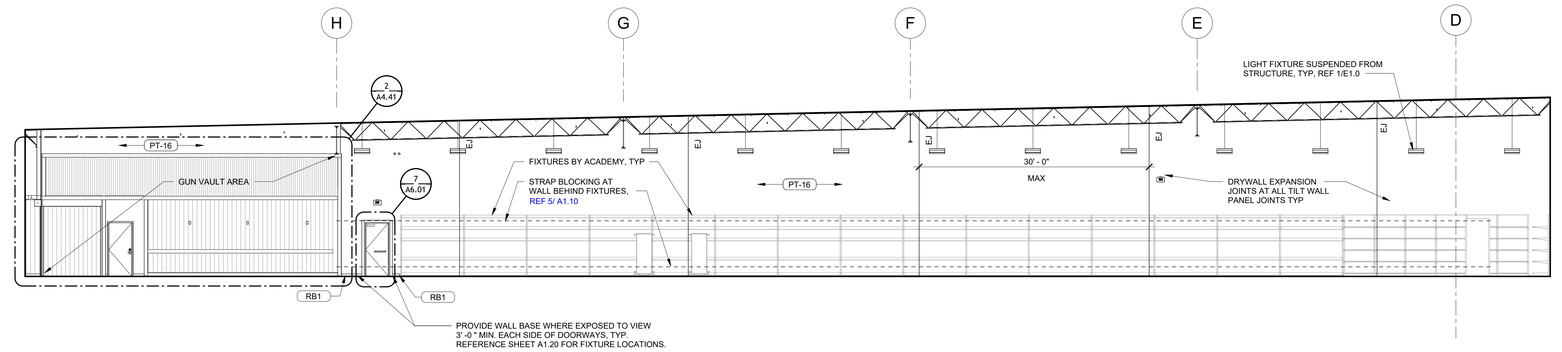
FLOOR FINISH SCHEDULE AND TAPING PLAN

SHEET: A5.30



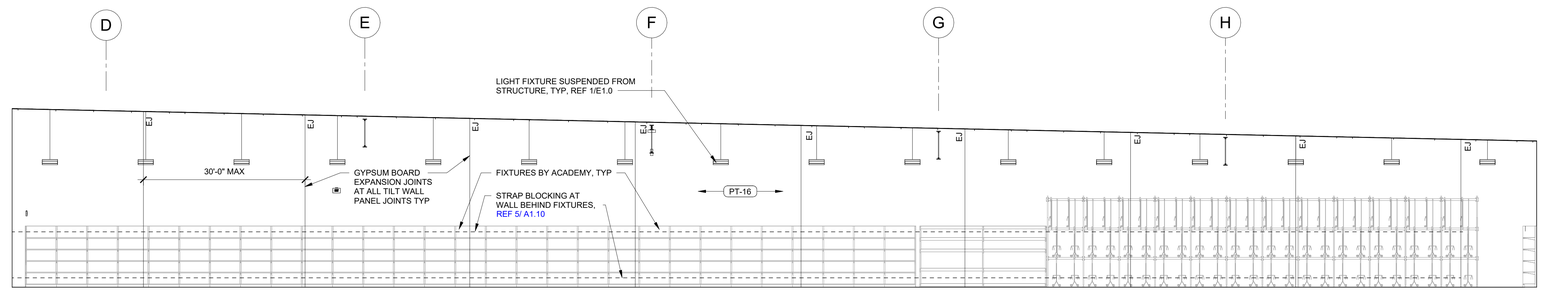
1 SALES FLOOR REAR
1/8" = 1'-0"

REF 1 /A1.00



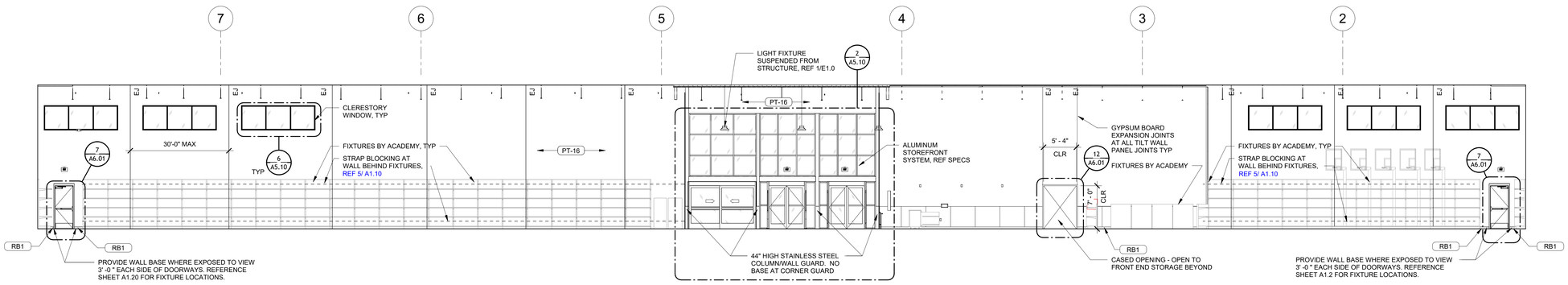
2 SALES FLOOR RIGHT
1/8" = 1'-0"

REF 3 /A0.10



3 SALES FLOOR LEFT
1/8" = 1'-0"

REF 2 /A0.10



4 SALES FLOOR FRONT
1/8" = 1'-0"

REF 1 /A1.00

INTERIOR ELEVATION SHEET NOTES

1. VERIFY FINAL INTERIOR SIGNAGE LOCATIONS WITH ACADEMY PRIOR TO INSTALLATION.
2. VERIFY STRUCTURAL ELEMENTS WITH STRUCTURAL DRAWINGS.
3. VERIFY LIGHTING LAYOUT AND HEIGHTS WITH REFLECTED CEILING PLAN.
4. PROVIDE GYPSUM BOARD EXPANSION JOINTS AT ALL TILT-UP WALL PANEL JOINTS, ALL CASED OPENINGS, ALL COLUMNS AND AT 30'-0" OC (IN THE REMAINING SPACE) FOR ALL WALLS. COORDINATE LAYOUT WITH ARCHITECT.
5. PROVIDE WALL BASE WHEREVER THE BOTTOM EDGE OF THE GYPSUM BOARD IS EXPOSED TO VIEW IN THE SALES FLOOR AREA, AND A MINIMUM OF 3'-0" ON EACH SIDE OF DOORWAYS. NOTE, CORNER DOORS MAY REQUIRE MORE WALL BASE. REFERENCE SHEET A1.20 FOR FIXTURE LOCATIONS

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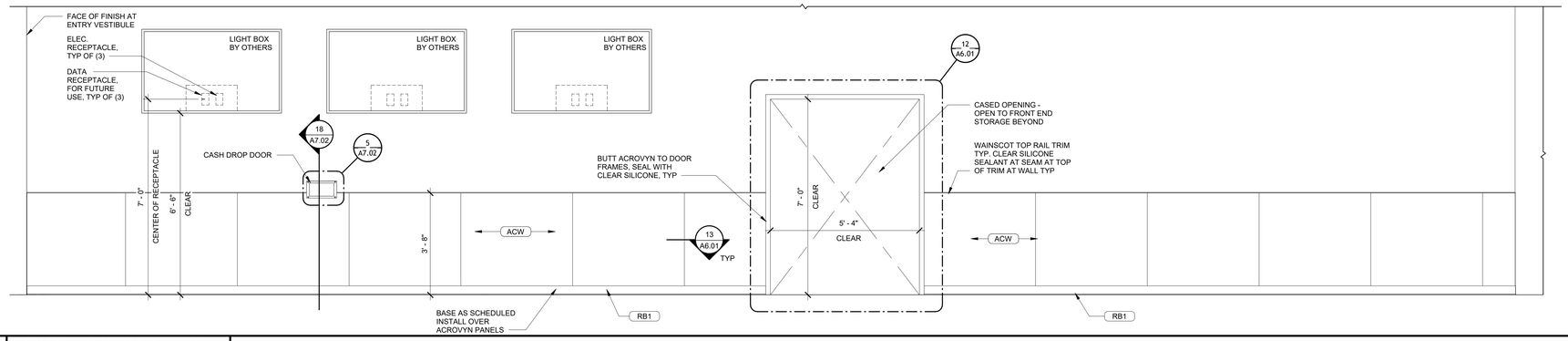
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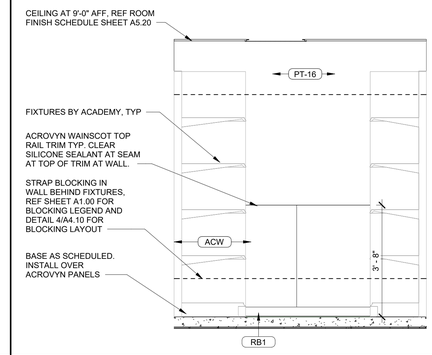
INTERIOR ELEVATIONS

SHEET:
A6.00



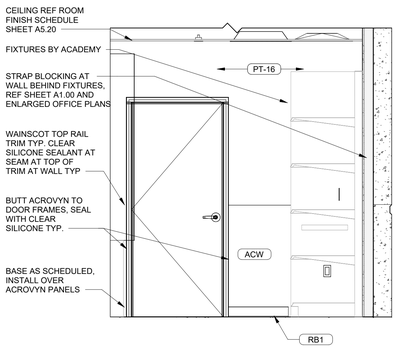
1 **CUSTOMER SERVICE ELEVATION**
1/2" = 1'-0"

REF 7 /A4.00



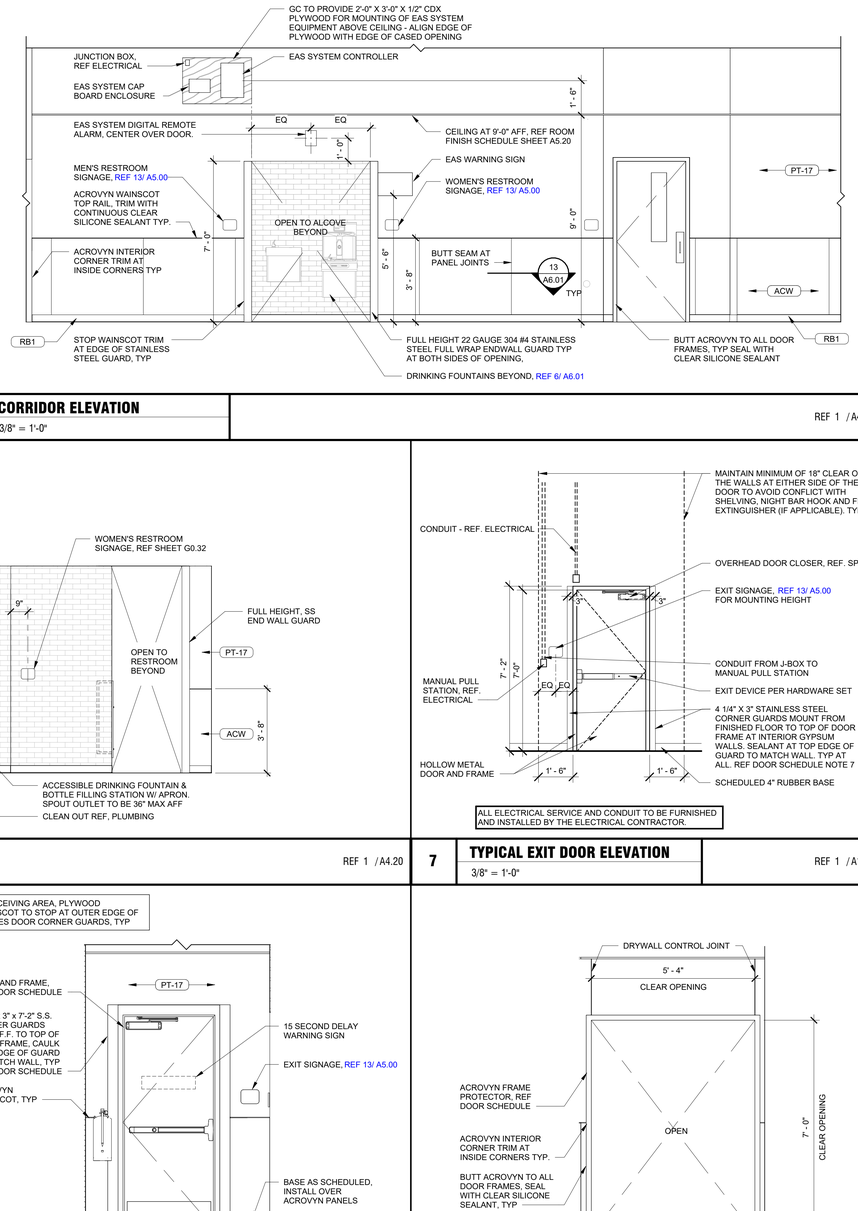
2 **FRONT END STORAGE ELEVATION**
1/2" = 1'-0"

REF 7 /A4.00



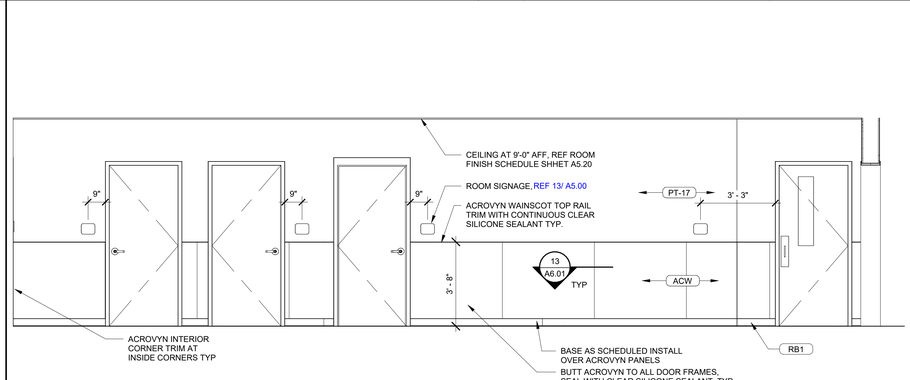
3 **FRONT END STORAGE ELEVATION**
1/2" = 1'-0"

REF 7 /A4.00



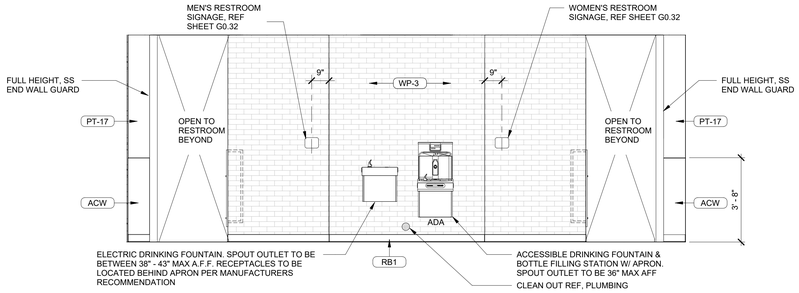
4 **CORRIDOR ELEVATION**
3/8" = 1'-0"

REF 1 /A4.10



5 **CORRIDOR ELEVATION**
3/8" = 1'-0"

REF 1 /A4.10

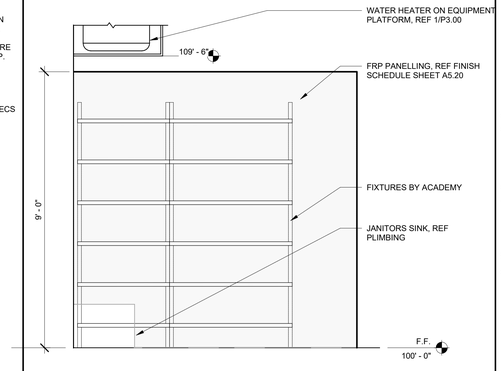


6 **DRINKING FOUNTAIN ELEVATION**
3/8" = 1'-0"

REF 1 /A4.20

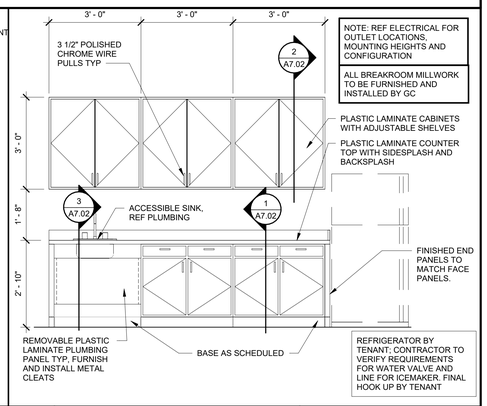
7 **TYPICAL EXIT DOOR ELEVATION**
3/8" = 1'-0"

REF 1 /A1.00



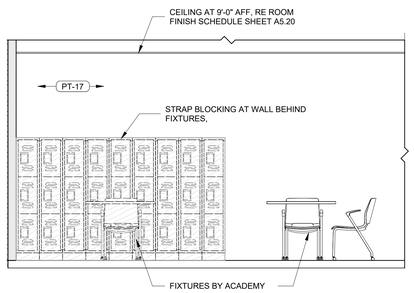
8 **JANITORS CLOSET**
1/2" = 1'-0"

REF 1 /A4.10



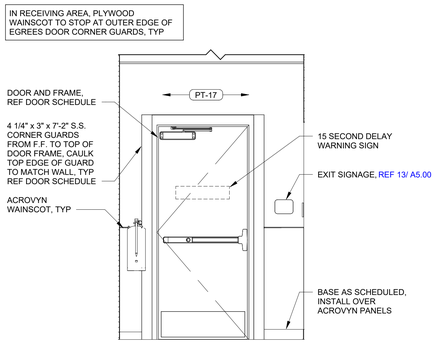
9 **BREAK ROOM MILLWORK**
1/2" = 1'-0"

REF 1 /A4.10



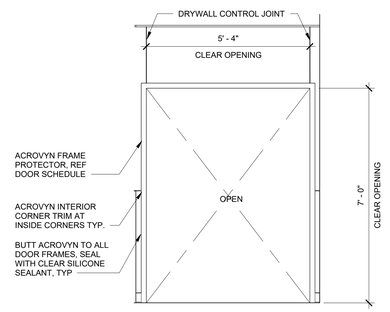
10 **BREAK ROOM ELEVATION**
3/8" = 1'-0"

REF 1 /A4.10



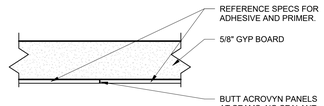
11 **REAR CORRIDOR ELEVATION**
1/2" = 1'-0"

REF 1 /A4.10



12 **CASED OPENING ELEVATION**
1/2" = 1'-0"

REF 1 /A4.10



13 **TYPICAL ACROVYN BUTT SEAM**
12" = 1'-0"

REF 1 /A6.01

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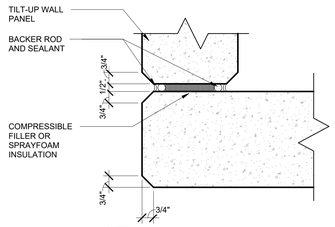
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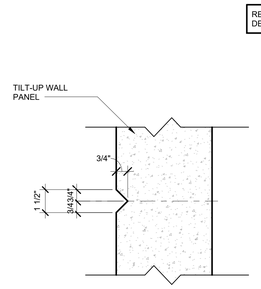
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INTERIOR ELEVATIONS

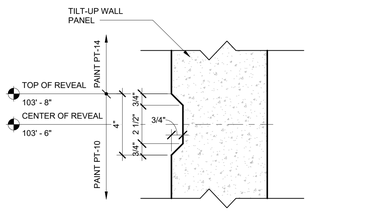
SHEET: A6.01



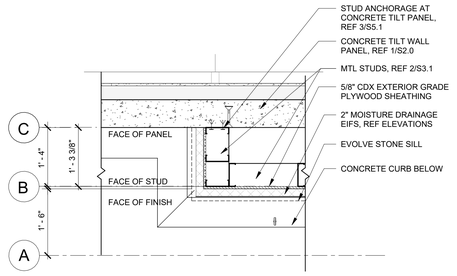
1 CORNER DETAIL — 3" = 1'-0" — REF 2 /A2.10



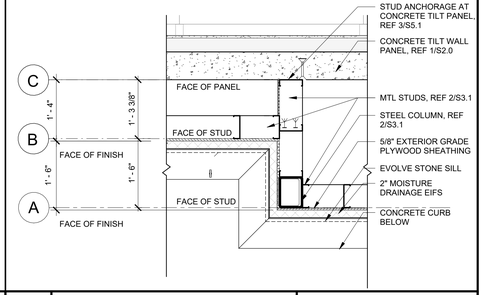
2 1-1/2" REVEAL DETAIL V SHAPE — 3" = 1'-0" — REF 2 /A2.00



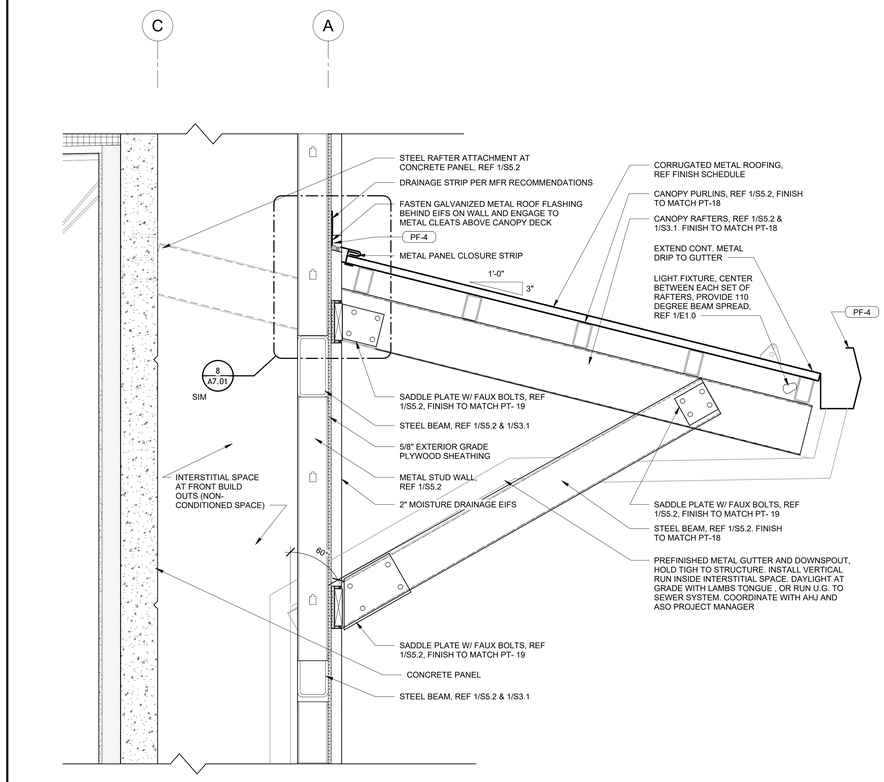
3 4" REVEAL DETAIL — 3" = 1'-0" — REF 1 /A2.00



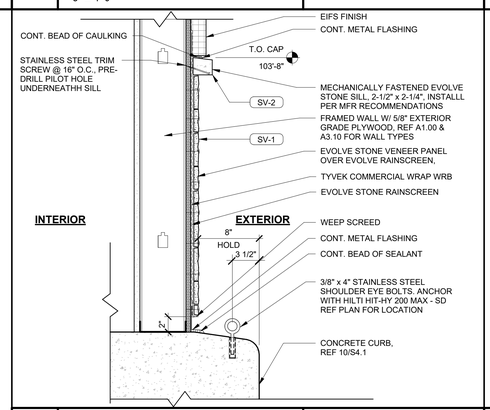
4 ENLARGED PLAN VIEW — 3/4" = 1'-0" — REF 7 /A4.00



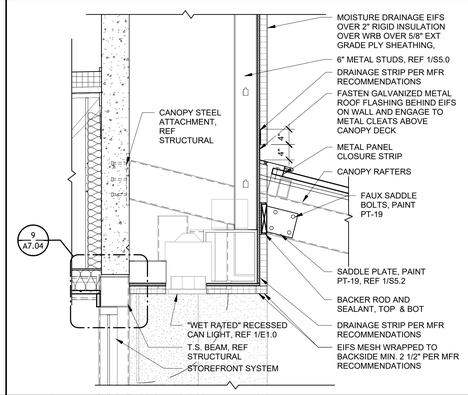
5 ENLARGED PLAN VIEW — 3/4" = 1'-0" — REF 7 /A4.00



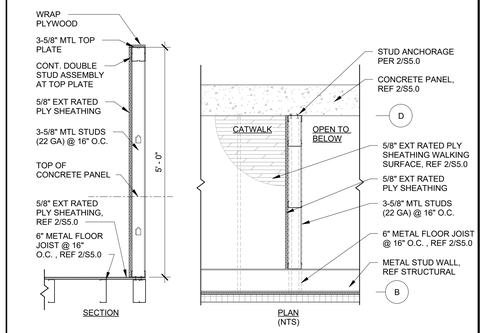
6 ENLARGED CANOPY SECTION — 1" = 1'-0" — REF 1 /A1.40



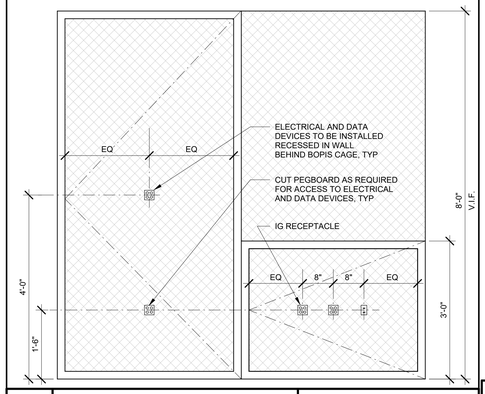
7 EVOLVE STONE AT FRAMED WALL — 1 1/2" = 1'-0" — REF 1 /A2.10



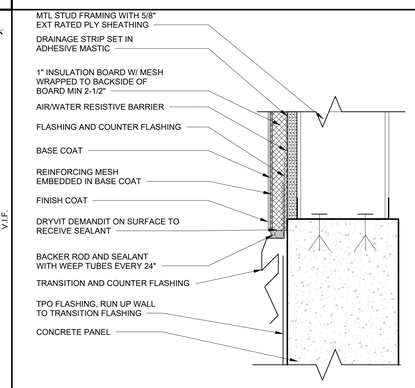
8 SECTION AT SOFFIT — 3/4" = 1'-0" — REF 1 /A2.10



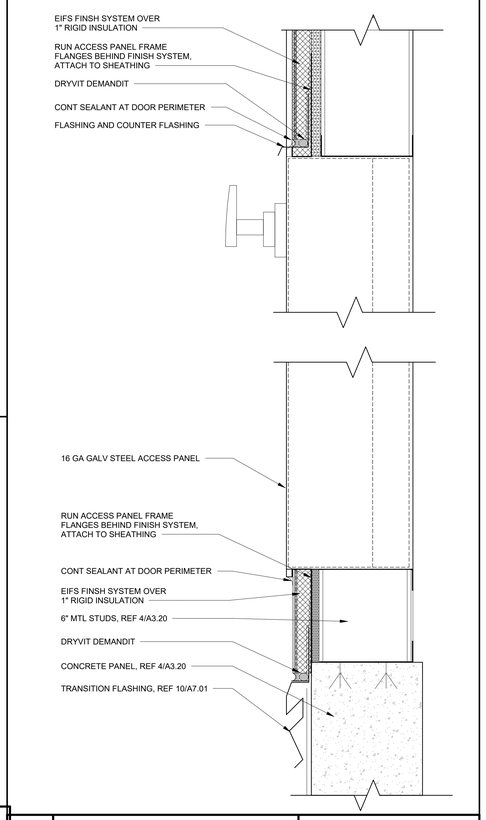
9 SECTION AT CATWALK CLOSURE — 3/4" = 1'-0" — REF 4 /A2.00



12 BOPIS CAGE ELEVATION — 3/4" = 1'-0" — REF 7 /A4.00



13 TRANSITION DETAIL TPO EIFS — 3" = 1'-0" — REF 4 /A2.00



14 SECTION AT ACCESS HATCH — 3" = 1'-0" — REF 4 /A2.00

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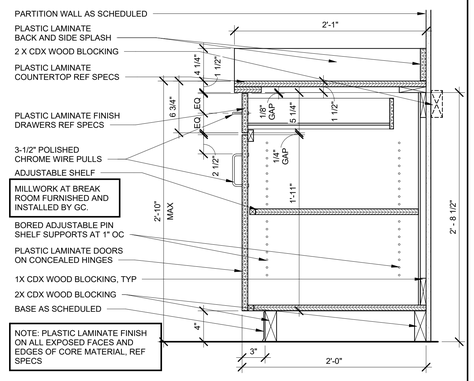
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STATE OF ARKANSAS
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ARCHITECTURAL DETAILS-EXTERIOR

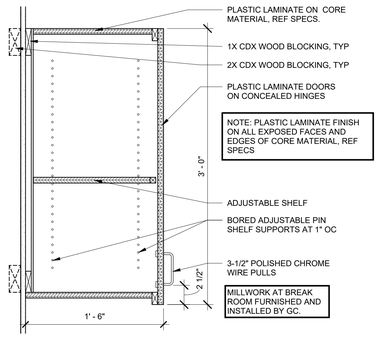
SHEET: A7.01



1 BREAK ROOM BASE CABINET

1 1/2" = 1'-0"

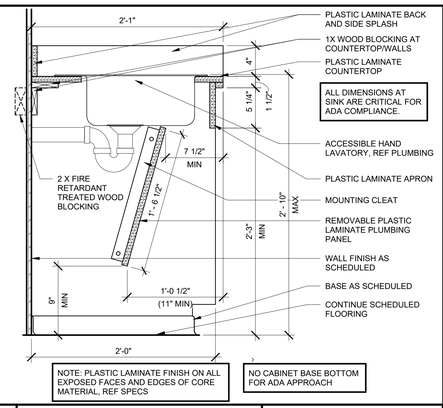
REF 9 /A6.01



2 BREAK ROOM UPPER CABINET

1 1/2" = 1'-0"

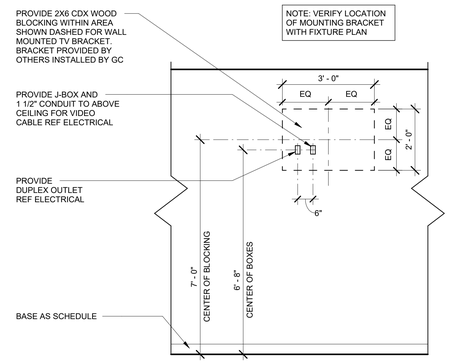
REF 9 /A6.01



3 BREAK ROOM SINK BASE CABINET

1 1/2" = 1'-0"

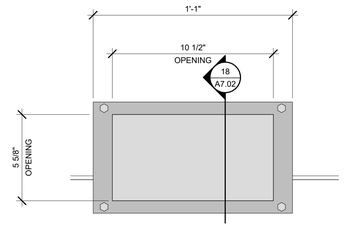
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4 BLOCKING FOR TV

1/2" = 1'-0"

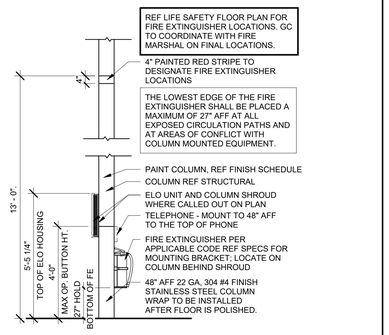
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5 CASH DROP DOOR DETAIL

3" = 1'-0"

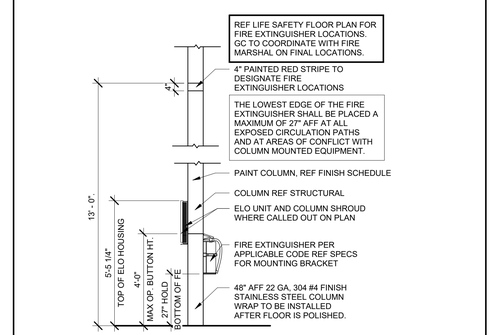
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6 EXTINGUISHER WITH PHONE

3/8" = 1'-0"

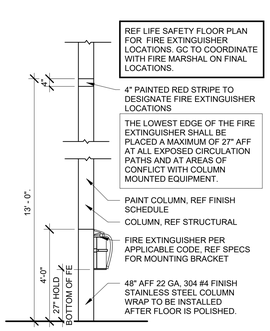
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7 EXTINGUISHER WITH ELO SHROUD

3/8" = 1'-0"

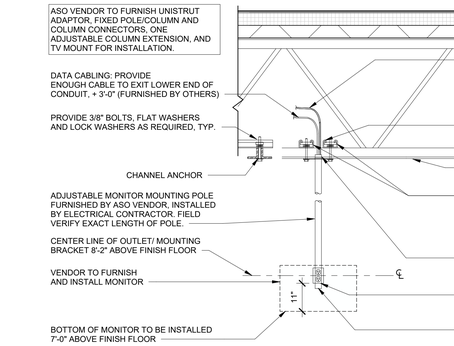
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8 FIRE EXTINGUISHER AT COLUMN

3/8" = 1'-0"

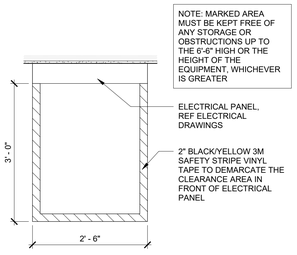
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9 QUEUEING MONITOR MOUNTING

1/2" = 1'-0"

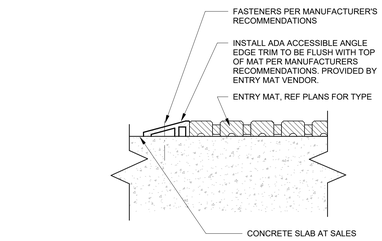
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12 ELECTRICAL PANEL FLOOR TAPING

3/4" = 1'-0"

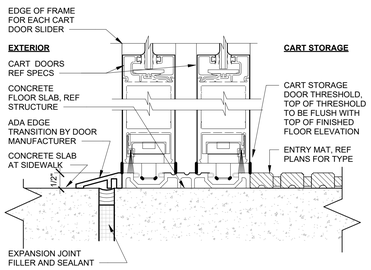
REF 7 /A4.00



14 ENTRY MAT EDGE

6" = 1'-0"

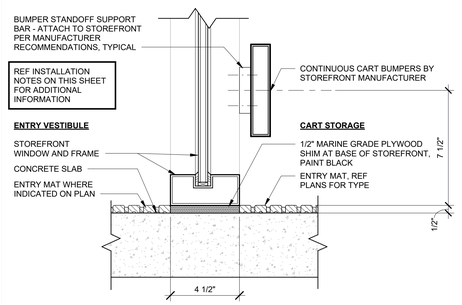
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15 CART STORAGE ENTRY SILL

6" = 1'-0"

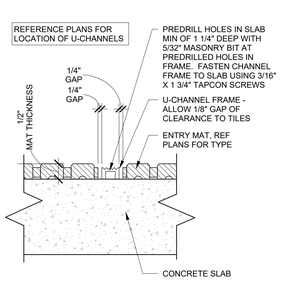
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16 ENTRY / CART STORAGE EDGE

3" = 1'-0"

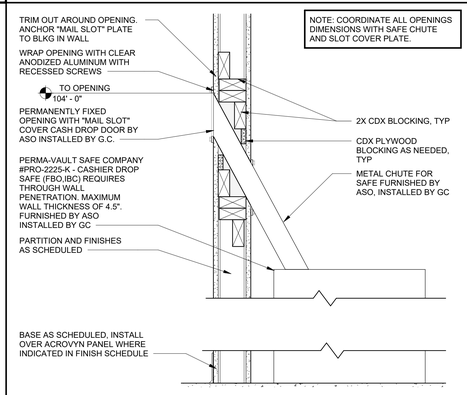
REF 1 /A4.00



17 U-CHANNEL DETAIL

6" = 1'-0"

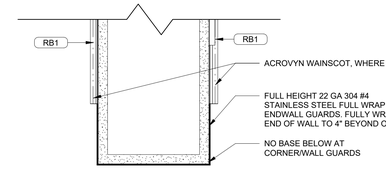
REF 1 /A4.00



18 CASH DROP DOOR

1 1/2" = 1'-0"

REF 7 /A4.00



19 FULL WRAP ENDWALL GUARD

3" = 1'-0"

REF 1 /A4.20

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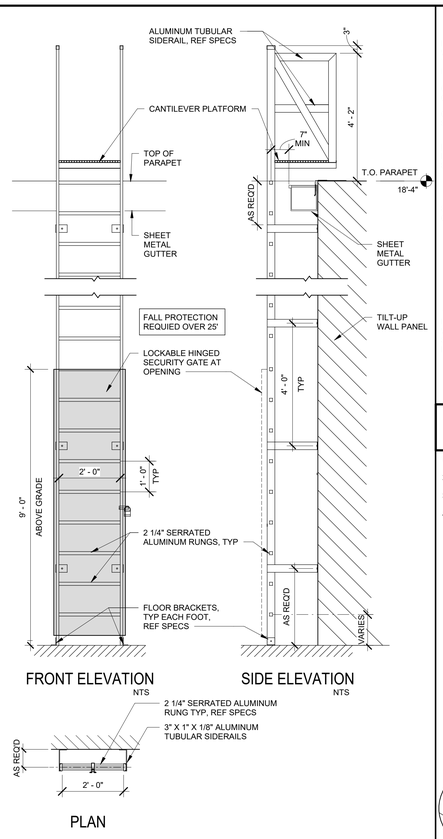
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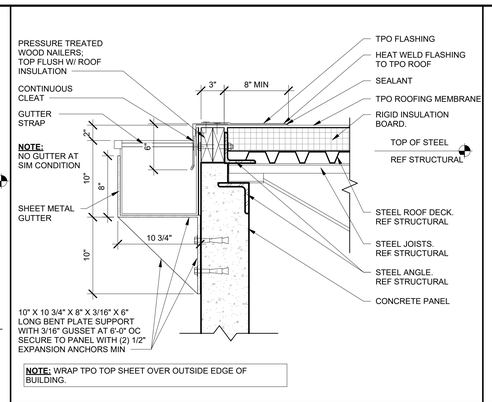
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ARCHITECTURAL DETAILS-INTERIOR

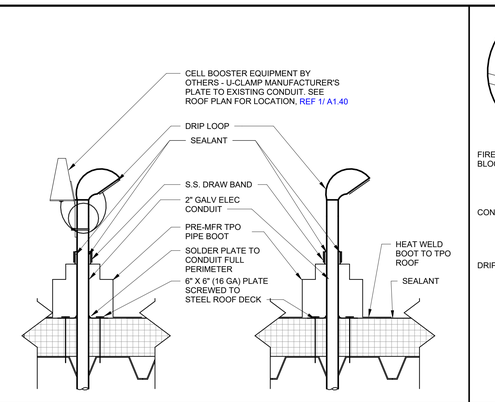
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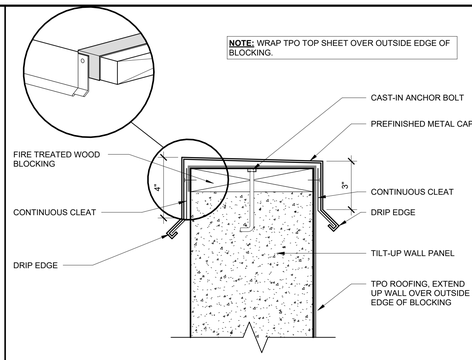
1 **ROOF ACCESS LADDER** — 1/2" = 1'-0" — REF 1 /A1.00



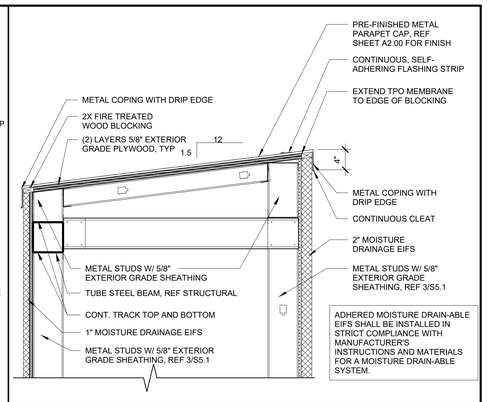
2 **GUTTER DETAIL** — 1 1/2" = 1'-0" — REF 1 /A1.40



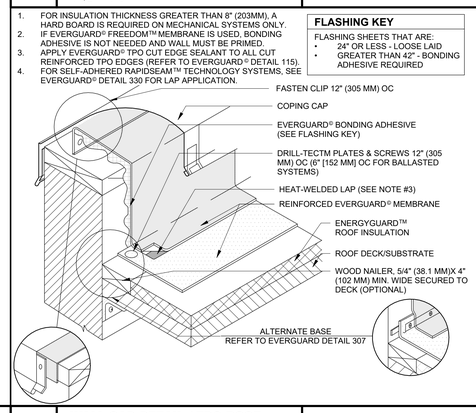
3 **ROOF PENETRATION** — 3" = 1'-0" — REF /



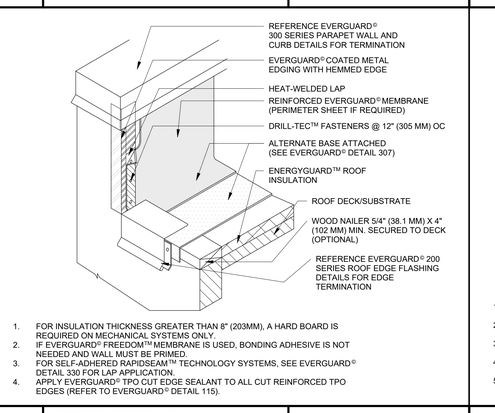
4 **PARAPET CAP DETAIL** — 3" = 1'-0" — REF 1 /A3.20



5 **CORNICE DETAIL** — 1" = 1'-0" — REF 1 /A2.10

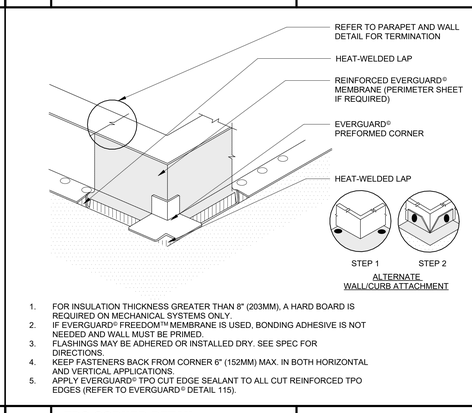


6 **WALL CAP DETAIL / TPO ROOF** — N.T.S. — REF 1 /A1.40



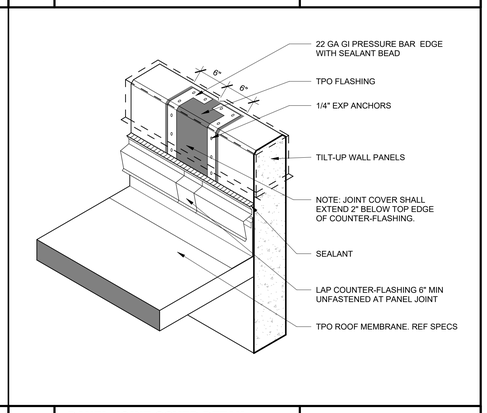
1. FOR INSULATION THICKNESS GREATER THAN 8" (203MM), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD© FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. FOR SELF-ADHERED RAPIDSEAM™ TECHNOLOGY SYSTEMS, SEE EVERGUARD© DETAIL 330 FOR LAP APPLICATION.
4. APPLY EVERGUARD© TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD© DETAIL 115).

7 **TPO TERMINATION** — 1 1/2" = 1'-0" — REF /

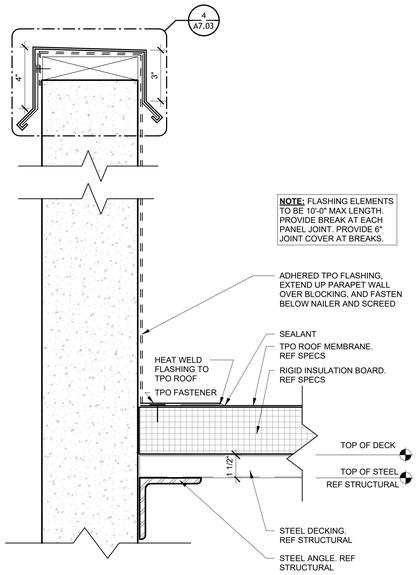


1. FOR INSULATION THICKNESS GREATER THAN 8" (203MM), A HARD BOARD IS REQUIRED ON MECHANICAL SYSTEMS ONLY.
2. IF EVERGUARD© FREEDOM™ MEMBRANE IS USED, BONDING ADHESIVE IS NOT NEEDED AND WALL MUST BE PRIMED.
3. FLASHINGS MAY BE ADHERED OR INSTALLED DRY. SEE SPEC FOR DIRECTIONS.
4. KEEP FASTENERS BACK FROM CORNER 6" (152MM) MAX. IN BOTH HORIZONTAL AND VERTICAL APPLICATIONS.
5. APPLY EVERGUARD© TPO CUT EDGE SEALANT TO ALL CUT REINFORCED TPO EDGES (REFER TO EVERGUARD© DETAIL 115).

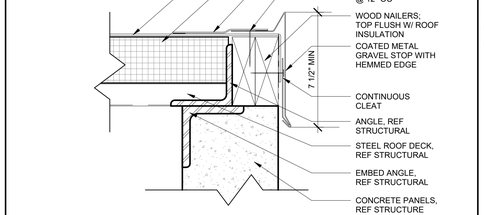
8 **TPO CORNER DETAIL** — 1 1/2" = 1'-0" — REF /



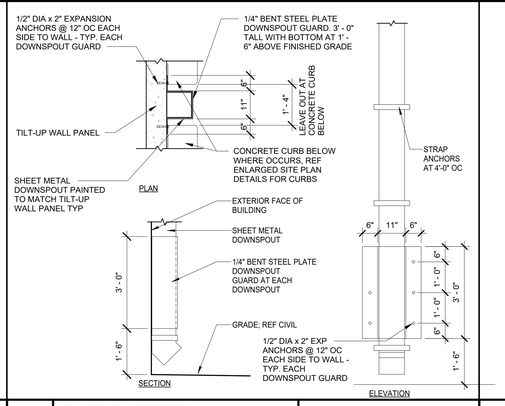
9 **PANEL JOINT COVER DETAIL** — 1" = 1'-0" — REF 1 /A1.40



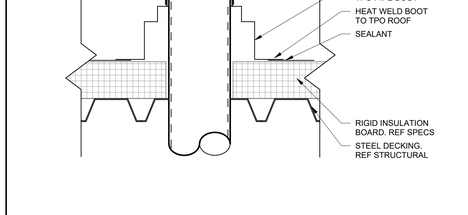
10 **TPO DETAIL AT ROOF** — 3" = 1'-0" — REF 1 /A1.40



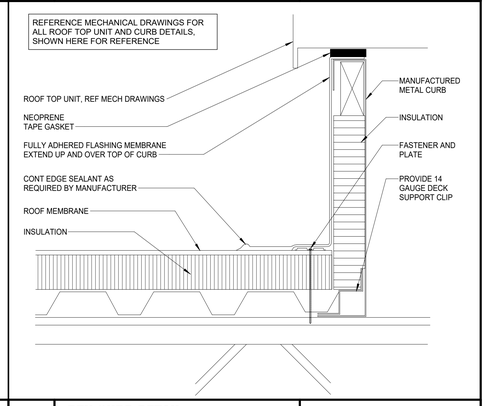
11 **FLASHING DETAIL AT ROOF** — 3" = 1'-0" — REF 1 /A1.40



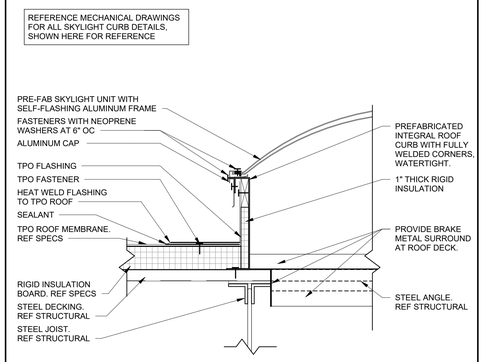
12 **DOWNSPOUT DETAIL** — 1/2" = 1'-0" — REF 1 /A0.20



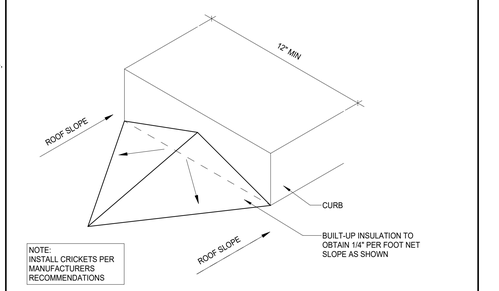
13 **PLUMBING VENT** — 3" = 1'-0" — REF 1 /A1.40



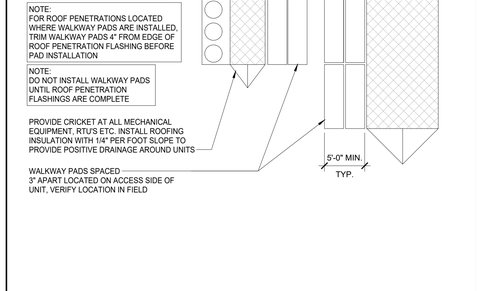
14 **RTU CURB DETAIL** — 3" = 1'-0" — REF 1 /A1.40



15 **SKYLIGHT CURB** — 1 1/2" = 1'-0" — REF 1 /A1.40



16 **ROOF CRICKET** — 1 1/2" = 1'-0" — REF 1 /A1.40



18 **RTU MAINTENANCE PAD DETAIL** — 12" = 1'-0" — REF /

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STORE #:	TBD
ISSUE:	PERMIT

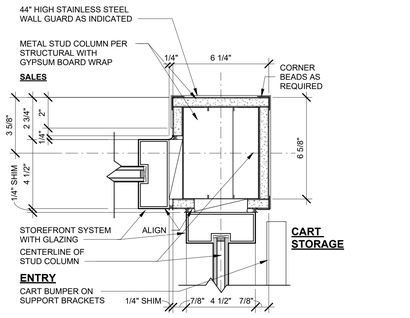
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

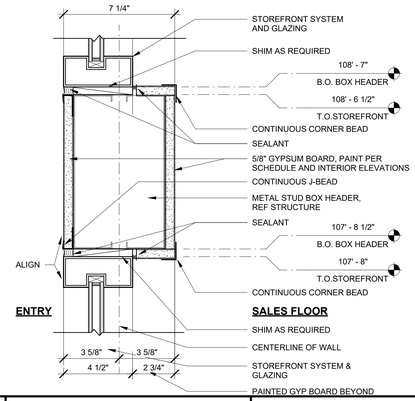
DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ARCHITECTURAL DETAILS-ROOF

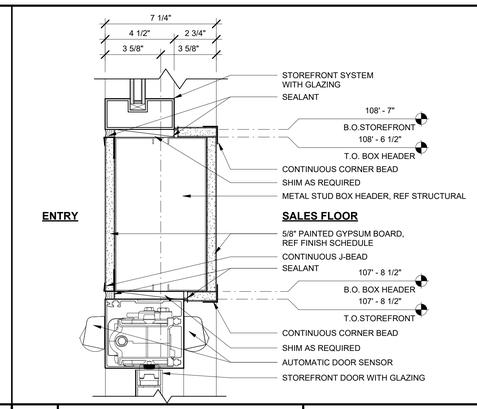
SHEET: A7.03



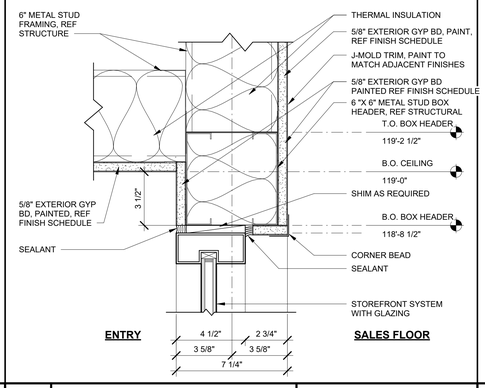
1 INTERIOR STOREFRONT COLUMN — 3" = 1'-0" — REF 1 /A4.00



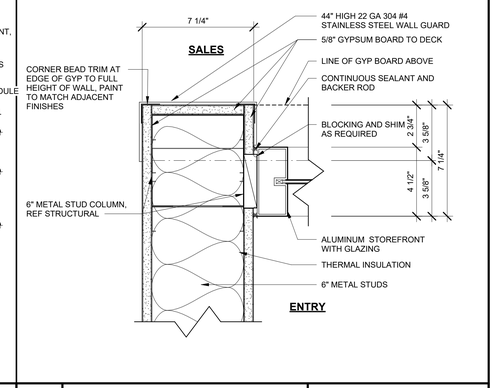
2 INTERIOR STOREFRONT — 3" = 1'-0" — REF 3 /A5.10



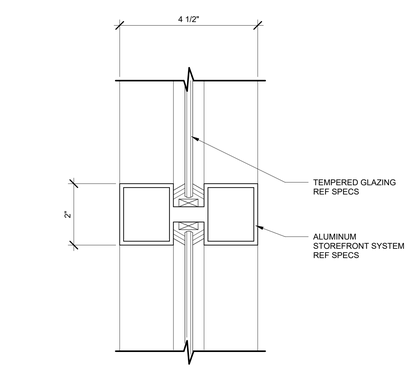
3 STOREFRONT DOOR HEAD — 3" = 1'-0" — REF 2 /A5.10



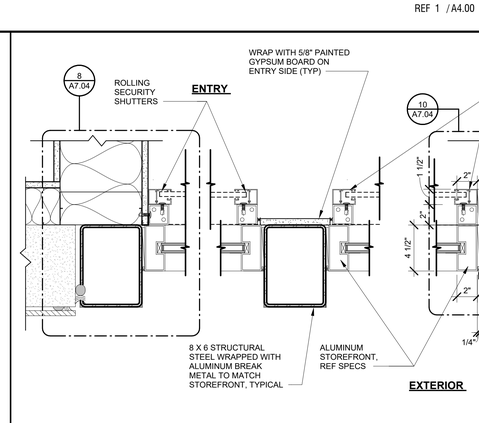
4 INTERIOR STOREFRONT HEAD — 3" = 1'-0" — REF 15/A7.04



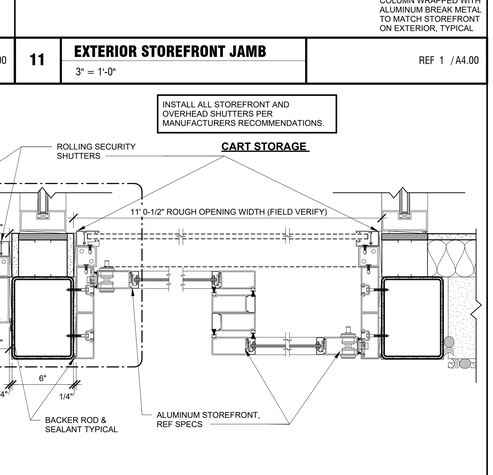
5 INTERIOR STOREFRONT JAMB — 3" = 1'-0" — REF 1 /A4.00



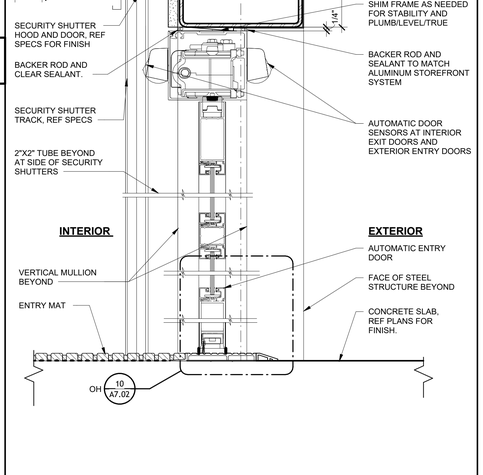
6 INTERIOR STOREFRONT COLUMN — 3" = 1'-0" — REF 1 /A4.00



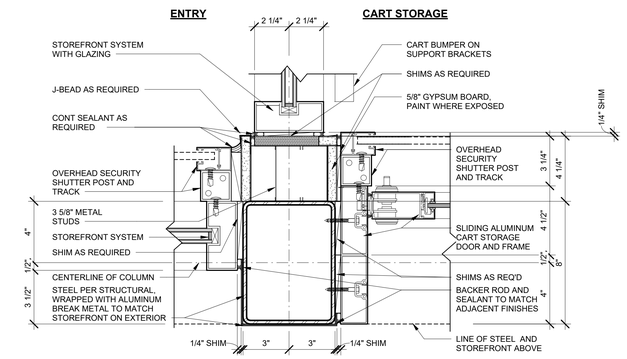
7 STOREFRONT DOOR COLUMN — 3" = 1'-0" — REF 1 /A4.00



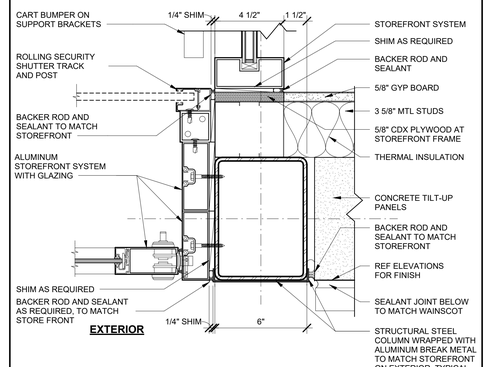
8 EXTERIOR STOREFRONT JAMB — 3" = 1'-0" — REF 1 /A4.00



9 STOREFRONT HEAD — 3" = 1'-0" — REF 2 A7.00P

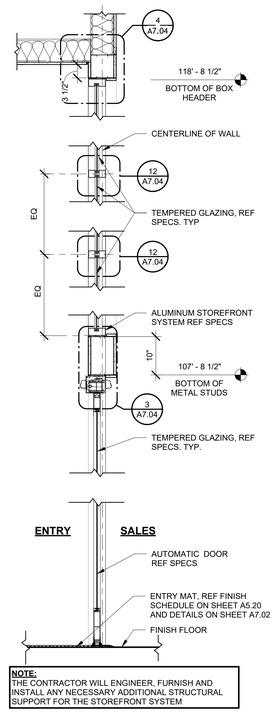


10 STOREFRONT JAMB AT COLUMN — 3" = 1'-0" — REF 1 /A4.00



11 EXTERIOR STOREFRONT JAMB — 3" = 1'-0" — REF 1 /A4.00

14 STOREFRONT DOOR HEAD — 3" = 1'-0" — REF 4 /A3.20



15 STOREFRONT — 3/4" = 1'-0" — REF 4 /A3.20

12 STOREFRONT MULLION — 6" = 1'-0" — REF 1 /A5.10

13 FRONT STOREFRONT DETAIL — 1 : 6 — REF 1 /A5.10

CASCO

CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	PERMIT

REGISTERED ARCHITECT
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License Number 9753
STATE OF ARKANSAS
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ARCHITECTURAL DETAILS-STOREFRONT

SHEET: A7.04

GENERAL ELECTRICAL NOTES

1. DRAWINGS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES AND LOCATION OF ALL LIGHT FIXTURES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.
3. ALL WORK SHALL COMPLY WITH THE ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL AND STATE BUILDING AND ENERGY CODES.
4. ALL CIRCUITS SHALL INCLUDE A GREEN GROUND CONDUCTOR SIZED IN ACCORDANCE WITH NEC 250.122 OR LARGER IF NOTED.
5. ALL PENETRATIONS OF FIRE RATED PARTITIONS DUE TO THE INSTALLATION OF ELECTRICAL SYSTEMS SHALL BE SEALED TO MAINTAIN THE FIRE RATING OF THE WALL.
6. ALL ELECTRICAL RACEWAYS EXPOSED TO PUBLIC VIEW BELOW STRUCTURE SHALL BE PAINTED, UNLESS OTHERWISE NOTED. VERIFY COLOR WITH ACADEMY AND ARCHITECT.
7. CONTRACTOR SHALL CONNECT ALL LIGHT FIXTURES AND POWER FOR ALL ACADEMY FURNISHED CASEWORK. REFER TO ACADEMY'S FURNITURE AND FIXTURE LAYOUT FOR EXACT HEIGHTS AND LOCATIONS.
8. NO MORE THAN NINE (9) CURRENT CARRYING CONDUCTORS SHALL BE INSTALLED IN ANY CONDUIT, UNLESS NOTED OTHERWISE. DERATE CONDUCTORS PER NEC.
9. ALL CONDUIT PENETRATIONS OF THE ROOF SHALL OCCUR WITHIN THE MECHANICAL CURBS, UNLESS NOTED OTHERWISE.
10. NO CONDUIT SHALL BE ROUTED IN ANY PARTITION WITH A TILE FINISH.
11. UNDERGROUND PVC CONDUITS SHALL CONVERT TO RIGID GALVANIZED STEEL ELBOW AND CONTINUE AS RIGID GALVANIZED STEEL CONDUIT UNTIL EMERGENCE FROM SLAB OR CONCRETE ENCASEMENT. PROVIDE THREADED CAPS AT BOTH ENDS OF SPARE OR UNUSED CONDUITS. EXCEPTION: ALL PARTS OF UNDERGROUND SITE LIGHTING BRANCH CIRCUITS MAY BE PVC.
12. ALL WALL LIGHT SWITCHES SHALL BE RATED AT 20A.
13. ALL JUNCTION BOXES MOUNTED ABOVE CEILING SHALL BE MOUNTED 1'-0" AFC.
14. CONTRACTOR SHALL VERIFY ALL QUANTITIES, QUALITY AND COMPLETENESS OF ALL DELIVERIES FROM ASO REQUIRED VENDOR AND REPORT ANY DEFICIENCIES WITHIN (3) DAYS OF RECEIPT.
15. ALL WALL MOUNTED DEVICES (I.E.: ALARMS, PULL STATIONS, SWITCHES, ETC.) LOCATED IN THE SALES AREA MUST BE MOUNTED WITHIN 12" ON EITHER SIDE OF A 6'-0" DOOR AND WITHIN 18" OF THE LATCH SIDE OF THE OPENING OR WITHIN 6" OF THE HINGE OF THE OPENING FOR ALL 3'-0" OR 4'-0" DOORS.
16. RECEPTACLES INSTALLED IN WET LOCATIONS SHALL BE LISTED AND MARKED AS GFCI, WEATHER RESISTANT AND INSTALLED WITH SPECIFIED IN-USE COVER.
17. ALL CONDUIT BANKS SHALL BE ROUTED JUST BELOW THE BOTTOM OF THE TOP CHORD OF JOISTS.
18. REFER TO SPECIFICATIONS BOOK UNDER SEPARATE COVER.
19. DO NOT RUN CONDUIT IN CONCRETE TILT PANEL WALLS UNLESS SPECIFICALLY PLAN NOTED.
20. NO EXPOSED CONDUIT ALLOWED ON SALES AREA WALLS.

NOTE: THIS IS A MASTER LEGEND AND NOT ALL SYMBOLS, ABBREVIATIONS, ETC. ARE NECESSARILY USED ON THE DRAWINGS.

ELECTRICAL SYMBOLS

LIGHTING

- LED LIGHT FIXTURE: (SEE LIGHT FIXTURE SCHEDULE)
  a = SWITCHED BY SWITCH "a"
  A = LIGHT FIXTURE TYPE "A"
- LED LIGHT FIXTURE
- LED LIGHT FIXTURE WITH EMERGENCY LIGHTING BATTERY PACK (SEE LIGHT FIXTURE SCHEDULE)
- LIGHT FIXTURE - CEILING DOWN LIGHT
  A = LIGHT FIXTURE TYPE "A" (SEE LIGHT FIXTURE SCHEDULE)
- SITE LIGHTING FIXTURE (SEE LIGHT FIXTURE SCHEDULE)
- EXIT SIGN - CEILING / WALL MOUNTED, ARROWS AS INDICATED.
  A = LIGHT FIXTURE TYPE "A" (SEE LIGHT FIXTURE SCHEDULE).
- EMERGENCY BATTERY PACK LIGHT FIXTURE - CEILING/WALL MOUNTED. (SEE LIGHT FIXTURE SCHEDULE)

STANDARD MOUNTING HEIGHTS

(AFF, AFG, UNLESS NOTED OTHERWISE)

ELECTRICAL	
AUDIBLE APPLIANCES (CENTERLINE)	84"
ALARMS	48"
ANNUNCIATOR PANELS	48"
CLOCK OUTLETS (CENTERLINE)	84"
CONTROLS (CENTERLINE)	48"
EXIT SIGNS (WALL MOUNTED, BOTTOM)	120"
FIRE ALARM ANNUNCIATOR PANEL (DISPLAY)	60"
FIRE ALARM BELL (EXTERIOR)	120"
FIRE ALARM CONTROL PANEL/UNIT (DISPLAY)	60"
INTERCOM (AFEA ONLY)	36"
INTERCOMS	48"
PANELS/PANELBOARDS (TOP)	72"
PULL STATIONS (HANDLE)	48"
PHOTOCELLS	144"
RECEPTACLES (CENTERLINE)	18"
RECEPTACLES (EXTERIOR)	24"
RECEPTACLES (GARAGES)	26"
RECEPTACLES IN EQUIPMENT ROOMS	48"
REMOTE INDICATING LIGHT (EQUIPMENT ROOMS)	48"
REMOTE INDICATING LIGHT (FINISHED AREAS)	CEILING
SAFETY SWITCHES	48"
STARTERS	48"
SWITCHES (CENTERLINE)	48"
TELEPHONES (PUBLIC)	1 @ 48", 1 @ 36"
TELEPHONE, DATA OUTLETS (CENTERLINE)	18"
TELEPHONE TERMINAL BOARD (BOTTOM)	6"
TELEVISION OUTLETS	18"
VISIBLE APPLIANCES (CENTERLINE)	84"

ANNOTATION

- 26.XXX — ELECTRICAL PLAN NOTE CALLOUT
- EQUIPMENT DESIGNATION (OWNER FURNISHED, CONTRACTOR INSTALLED)
- MECHANICAL EQUIPMENT DESIGNATION (CONTRACTOR FURNISHED AND INSTALLED UNLESS NOTED OTHERWISE)
- X / EX.X — DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER
- X / EX.X — SECTION CUT VIEW DESIGNATION
- X / EX.X — ELEVATION VIEW DESIGNATION

WIRING DEVICES & OUTLETS

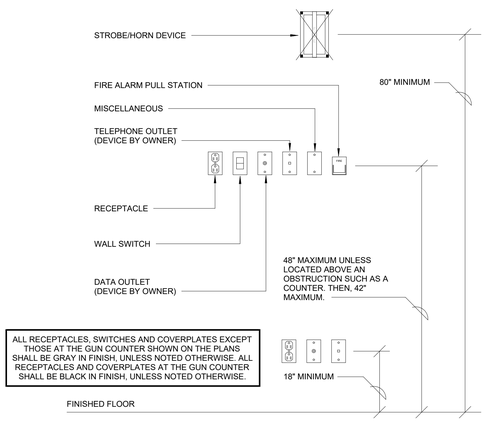
- $ — SINGLE POLE WALL SWITCH (NO LETTER DESIGNATION)
- $ — SWITCH LETTER DESIGNATIONS AS FOLLOWS:
  2 = TWO POLE WALL SWITCH
  3 = THREE-WAY WALL SWITCH
  4 = FOUR-WAY WALL SWITCH
  D = DIMMER TYPE SWITCH
  OS = OCCUPANCY SENSOR
  VS = VACANCY SENSOR
  P = SPST PILOT LIGHT SWITCH
  K = KEYED LIGHT SWITCH
  M = MOTOR RATED SWITCH
  WP = WEATHER PROOF
- PP — POWER PACK RELAY
- OS — CEILING MOUNTED OCCUPANCY SENSOR WITH POWER SUPPLY AND LOAD RELAY AS REQUIRED OR SPECIFIED.
- SIMPLEX RECEPTACLE - NEMA 5-20R, UNO
- DUPLEX RECEPTACLE - NEMA 5-20R, UNO
- DOUBLE DUPLEX RECEPTACLE - NEMA 5-20R, UNO
- SPECIAL RECEPTACLE - NEMA TYPE AS NOTED
- TWIST-LOCK TYPE RECEPTACLE
- GFCI TYPE RECEPTACLE*
- WEATHER RESISTANT GFCI TYPE RECEPTACLE*
- ISOLATED GROUND TYPE RECEPTACLE*
- RECEPTACLE INSTALLED 6" ABOVE COUNTER OR BACKSPLASH*
- JUNCTION BOXES FOR DEVICES SHOWN WITH AN "X" THROUGH SYMBOL TO BE PRE-INSTALLED BY MILLWORK PROVIDER. ELECTRICAL CONTRACTOR TO MAKE FINAL CONNECTION.
- RECEPTACLE INSTALLED IN CEILING*
- RECEPTACLE INSTALLED IN FLOOR*
- RECEPTACLE INSTALLED VIA DROP CORD*
  *DUPLEX RECEPTACLE SHOWN, SIMILAR FOR OTHERS
- DOOR BUZZER PUSH BUTTON
- BUZZER
- TV — TV OUTLET (VIDEO)
- MULTI-OUTLET SURFACE RACEWAY WITH NEMA 5-20R RECEPTACLES 12" ON CENTER, UNO.
- WIRELESS ACCESS POINT
- DATA OUTLET - FLOOR OR WALL MOUNTED. INSTALL AT SAME ELEVATION AS ADJACENT RECEPTACLE, UNO.
- MULTI-SERVICE OUTLET; TELEPHONE AND DATA - FLOOR OR WALL MOUNTED. INSTALL AT SAME ELEVATION AS ADJACENT RECEPTACLE, UNO.
- P — POWER POLE SEE SCHEDULE ON E2.0.
- A — MULTI-SERVICE FLOOR BOX WITH TELEPHONE, DATA AND POWER OUTLETS. A = TYP, SEE SCHEDULE IN SPECIFICATIONS.
- A — POKE THROUGH, A = TYPE, SEE SCHEDULE IN SPECIFICATIONS
- CO2 / RTS / TS — MECHANICAL SENSOR ROUGH-IN.
- J — JUNCTION BOX/OUTLET BOX
- BLANK FACE GFCI FEED THROUGH DEVICE
- ESR — EMERGENCY SHUNT RELAY

POWER EQUIPMENT & DEVICES

- ELECTRICAL SERVICE PANELBOARD (SURFACE OR FLUSH MOUNT)
- TERMINAL CABINET (SURFACE OR FLUSH MOUNT), TYPE AS NOTED
- T — TRANSFORMER
- MOTOR
- 200/3/150 — DISCONNECT SWITCH - "200/3/150" DENOTES AMPERES/POLE/FUSE NF= NON-FUSED CB= CIRCUIT BREAKER (200/3/CB)
- 30/3/15/1 — COMBINATION DISCONNECT (SAFETY) SWITCH AND MOTOR STARTER "30/3/15/1" DENOTES AMPERES/POLE/FUSE/NEMA STARTER SIZE NF= NON-FUSED CB= CIRCUIT BREAKER (30/3/CB/1)
- 2 — MAGNETIC MOTOR STARTER, NEMA SIZE AS NOTED. 3-POLE, UNO.
- R — RELAY OR CONTACTOR (IN SCHEMATICS)
- C / L — MAGNETIC CONTACTOR, SIZE, COIL VOLTAGE AND NUMBER OF POLES AS INDICATED (L= LIGHTING CONTACTOR, P= POWER CONTACTOR)
- TS — TIME SWITCH
- PC — PHOTOCELL

ABBREVIATIONS

A	
A	AMPERES
A	AIR (COMPRESSED)
A/C	AIR CONDITIONING
ACC	AIR COOLED CHILLER
ACCU	AIR COOLER CONDITIONING UNIT
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMPERE FUSE
AFC	ABOVE FINISHED CEILING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFEA	AREA FOR EVACUATION ASSISTANCE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AIC	AMPERE INTERRUPTING CURRENT
AL	ALUMINUM
AO	ANALOG OUTPUT
AP	ACCESS PANEL
AP	ACCESS POINT
ASO	ACADEMY SPORTS AND OUTDOORS
ATL	ACROSS THE LINE
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
B	
B	BOILER
BAS	BUILDING AUTOMATION SYSTEM
BB	BACKBOARD
BD	BACKDRAFT DAMPER
BD	BLOWDOWN
BD	BUILDING DISTRIBUTOR
BDF	BUILDING DISTRIBUTION FRAME
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BFP	BOILER FEED PUMP
BI	BINARY INPUT
BKR	BREAKER
BO	BINARY OUTPUT
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BTU	BRITISH THERMAL UNIT
C	
C	CONDUIT
CAT	CATEGORY
CATV	CABLE TELEVISION SYSTEM
CD	CANDELA
CT	CURRENT TRANSFORMER
CCTV	CLOSED CIRCUIT TELEVISION
CH	CHILLER
CFM	CUBIC FEET PER MINUTE
CKT	CIRCUIT
CMP	COMMUNICATIONS PLENUM CABLE
CMR	COMMUNICATIONS RISER CABLE
CP	CONDENSATE PUMP
CPT	CONTROL POWER TRANSFORMER
CPVC	CHLORINATED POLYVINYL CHLORIDE
CRAC	COMPUTER ROOM AIR CONDITIONING UNIT
CRU	COMPUTER ROOM UNIT
CT	COOLING TOWER
CTP	COOLING TOWER PUMP
CU	COPPER
CVD	CUMULATIVE VOLTAGE DROP
CWP	CHILLED WATER PUMP
D	
DB	DECIBELS
DDC	DIRECT DIGITAL CONTROL
DFU	DRAINAGE FIXTURE UNIT
DI	DIGITAL INPUT
DI	DUCTILE IRON
DN	DOWN
DPDT	DOUBLE-POLE, DOUBLE-THROW
DPI	DIFFERENTIAL PRESSURE INDICATOR
DPST	DOUBLE-POLE, SINGLE-THROW
DS	DOWNSPOUT
DS	DUCT SILENCER
DX	DIRECT EXPANSION
E	
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EAT	ENTERING AIR TEMPERATURE
EDB	ENTERING DRY BULB
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EIA	ELECTRONIC INDUSTRIES ASSOCIATIONS
EL	ELECTRIFIED LOCK OR LATCH
EM	EMERGENCY
EMI	ELECTROMAGNETIC INTERFERENCE
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EOR	ENGINEER OF RECORD
EPO	EMERGENCY POWER OFF
ER	EQUIPMENT ROOM
ESFR	EARLY SUPPRESSION FAST RESPONSE
ETR	EXISTING TO REMAIN
EWB	ENTERING WET BULB
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
F	
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS/OWNER
FCA	FAULT CURRENT AMPS
FCU	FAN COIL UNIT
FD	FLOOR DISTRIBUTOR
FD	FLOOR DRAIN
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FF	FINISHED FLOOR
FHC	FIRE HOSE CABINET
FL	FLOW LINE
F	
FLA	FULL LOAD AMPS
FLR	FLOOR
FU	FURNACE
FVNR	FULL-VOLTAGE, NON-REVERSING
G	
G	GROUND
GC	GENERAL CONTRACTOR
GE	GROUNDING EQUALIZER
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFR	GROUND FAULT RELAY
GND	GROUND
GPM	GALLONS PER MINUTE
GRS	GALVANIZED RIGID STEEL
GYP	GYPSUM BOARD
H	
HC	HORIZONTAL CROSS-CONNECT
HD	HEAD
HD	HUB DRAIN
HOA	HAND-OFF-AUTOMATIC
HTG	HEATING
HTR	HEATER
HVU	HEATING AND VENTILATING UNIT
HWP	HEATING WATER PUMP
HZ	HERTZ
I	
IC	INTERMEDIATE CROSS-CONNECT
IE	INVERT ELEVATION
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INWC	INCHES OF WATER COLUMN
IP	INTERNET PROTOCOL
ISC	SHORT CIRCUIT CURRENT
ISDN	INTEGRATED SERVICES DIGITAL NETWORK
ISP	INTERNET SERVICE PROVIDER
J	
JB	JUNCTION BOX
J-BOX	JUNCTION BOX
K	
kcmil	1000 CIRCULAR MILLS
KK	KIRK KEY
KV	KILOVOLT
KVA	KILOVOLT-AMPS
KVAR	KILOVOLT-AMPS REACTIVE
KW	KILOWATT
KWH	KILOWATT HOURS
L	
L	LOUVER
LAN	LOCAL AREA NETWORK
LAT	LEAVING AIR TEMPERATURE
LCC	LIMITED COMBUSTIBLE CABLE
LDB	LEAVING DRY BULB
LEC	LOCAL EXCHANGE CARRIER
LED	LIGHT-EMITTING DIODE
LF	LINEAR FEET
LP	LOW PRESSURE
LRA	LOCKED ROTOR AMPS
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE
M	
M-M	MULTIMODE
MATV	MASTER ANTENNA TELEVISION SYSTEM
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MG	MOTOR GENERATOR
MH	MAINTENANCE HOLE
MH	MANHOLE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MOCP	MAXIMUM OVERCURRENT PROTECTION
MPOE	MAIN POINT OF ENTRANCE
MPOP	MAIN POINT OF PRESENCE
MSB	MAIN SWITCHBOARD
MSWB	MAIN SWITCHBOARD
MS/TP	MASTER SLAVE/TOKEN PASSING - COMMUNICATION TRUNK
MTD	MOUNTED
MU	MAKE-UP
N	
N/A	NOT APPLICABLE
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
NC	NOISE CRITERIA
NEC	NATIONAL ELECTRIC CODE
NF	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION, INC.
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NM	NANO METER
O	
OA	OUTSIDE AIR
OC	ON CENTER
ORD	OVERFLOW ROOF DRAIN
OS	OCCUPANCY SENSOR
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
P	
P	POLE
PBX	PRIVATE BRANCH EXCHANGE
PCR	PUMPED CONDENSATE RETURN
PDI	PLUMBING DRAINAGE INSTITUTE
PDU	POWER DISTRIBUTION UNIT
PH	PHASE
Ø	PHASE
PIV	POST INDICATOR VALVE
PNL	PANEL
PNLBD	PANELBOARD
POE	POWER OVER ETHERNET
POTS	STANDARD ANALOG TELEPHONE LINE
PRV	PRESSURE REDUCING VALVE
PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
PT	POTENTIAL TRANSFORMER
PTP	POINT-TO-POINT
PTZ	PAN, TILT, ZOOM
PVC	POLYVINYL CHLORIDE
Q	
QTY	QUANTITY
R	
RA	RETURN AIR
RC	ROOM CRITERIA
RCP	REINFORCED CONCRETE PIPE
RCPT	RECEPTACLE
RD	ROOF DRAIN
RD	RETURN DUCT
REV	REVISION
RF	RETURN FAN
RH	RELATIVE HUMIDITY
RH	ROOF HOOD
RHG	REFRIGERANT HOT GAS
RLA	RUNNING LOAD AMPS
RMC	RIGID METAL CONDUIT
RPM	REVOLUTIONS PER MINUTE
RTS	REMOTE TEST STATION
RTU	ROOFTOP UNIT
RU	RACK UNIT
S	
SA	SUPPY AIR
SATV	SYNCHRONOUS OPTICAL NETWORK
SD	SMOKE DUCT DETECTOR
SD	SUPPLY DUCT
SEER	SEASONAL ENERGY EFFICIENCY RATION
SF	SQUARE FEET
SF	SUPPLY FAN
SPDT	SINGLE-POLE, DOUBLE-THROW
SPST	SINGLE-POLE, SINGLE-THROW
SP	STATIC PRESSURE
SP	SUMP PUMP
SS	STAINLESS STEEL
SS	SANITARY SEWER
SS	SOIL STACK
ST	SHUNT TRIP
ST	STEAM TRAP
STC	SOUND TRANSMISSION CLASS
STM	STEAM
SWBD	SWITCHBOARD
T	
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBD	TO BE DETERMINED
TC/C	TEMPERATURE CONTROLS CONTRACTOR
TDH	TOTAL DYNAMIC HEAD
TFA	TO FLOOR ABOVE
TFB	TO FLOOR BELOW
TGB	TELECOMMUNICATIONS GROUND BUS BAR
TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATION
TL	TWISTLOCK
TMGB	TELECOMMUNICATIONS MAIN GROUND BUS BAR
TR	TAMPER RESISTANT
TT	TEMPERATURE TRANSMITTER
TX	TRANSFORMER
TYP	TYPICAL
U	
U/F	UNDERFLOOR
U/G	UNDERGROUND
U/S	UNDERSLAB
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORIES, INC.
UNO	UNLESS NOTED OTHERWISE
UPS	UNITERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	
V	VOLT(S)
VAC	VOLTS ALTERNATING CURRENT
VD	VOLTAGE DROP
VDC	VOLTS DIRECT CURRENT
VAV	VARIABLE AIR VOLUME
VCP	VITRIFIED CLAY PIPE
VFD	VARIABLE FREQUENCY DRIVE
VS	VENT STACK
VTR	VENT THROUGH ROOF
W	
W	WIRE
W/	WITH
W/O	WITHOUT
W/AN	WIDE AREA NETWORK
W/AP	WIRELESS ACCESS POINT
WB	WET BULB
WC	WATER COLUMN
WG	WATER GONG
WPD	WATER PRESSURE DROP
WP	WEATHER PROOF COVER
WR	WEATHER RESISTANT
WS	WASTE STACK
WSFU	WATER SUPPLY FIXTURE UNIT
WT	WATERTIGHT
WT	WEIGHT
X	
XP	EXPLOSION-PROOF



1 **DEVICE MOUNTING HEIGHT DETAIL**
NOT TO SCALE

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LICENSED PROFESSIONAL ENGINEER
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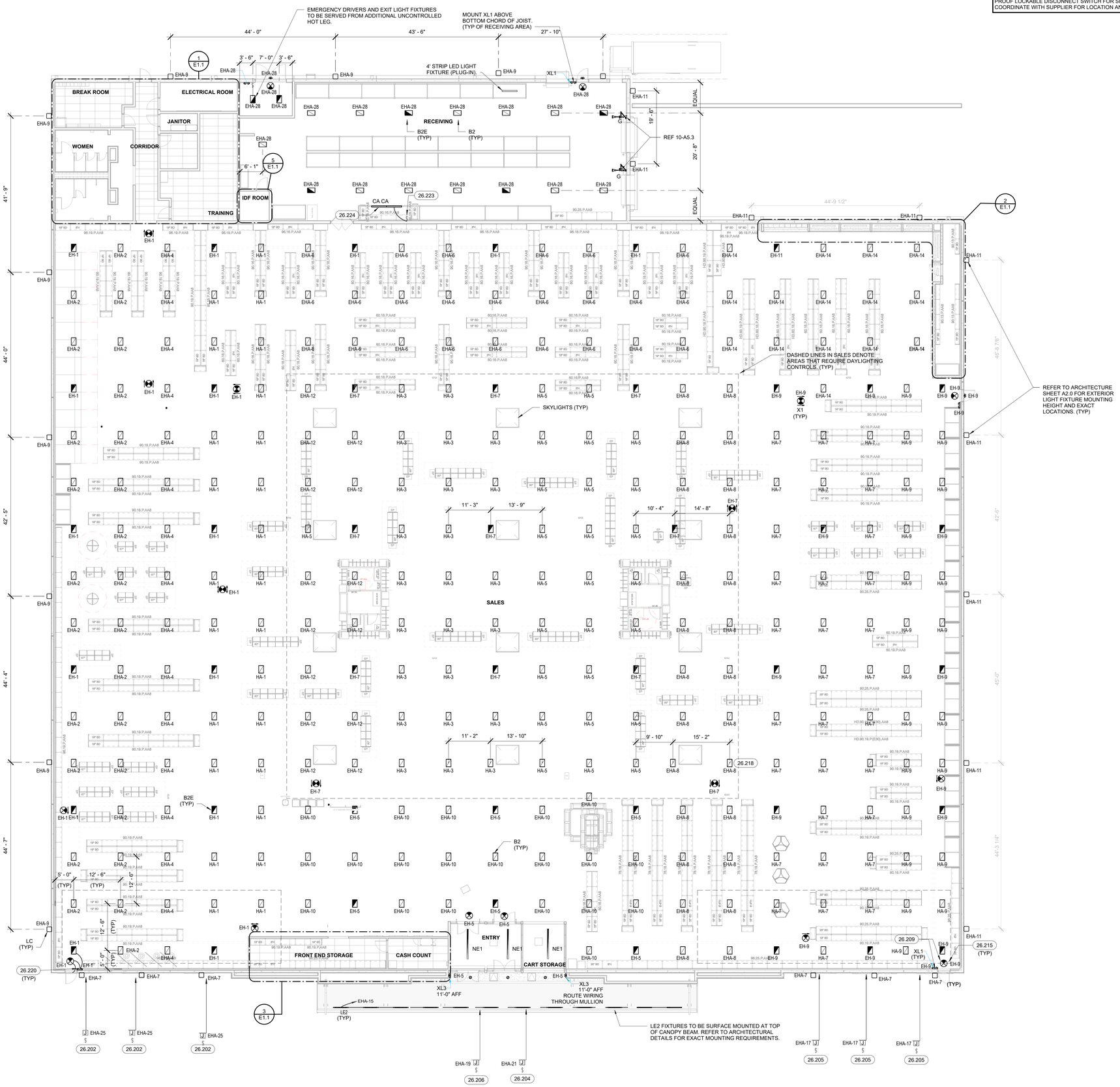
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ELECTRICAL SYMBOLS

SHEET: E0.0



NOTE:
VERIFY SIGN LOCATION IN THE FIELD. COORDINATE WITH OWNER AND SIGN INSTALLER. CONTRACTOR SHALL PROVIDE WEATHER PROOF LOCKABLE DISCONNECT SWITCH FOR SIGNAGE. COORDINATE WITH SUPPLIER FOR LOCATION AND REQUIREMENTS.

ELECTRICAL LIGHTING PLAN NOTES

1. ALL LIGHTING FIXTURES WITH BATTERY PACKS SHALL BE SERVED AHEAD OF ANY SWITCHING MEANS, EXCEPT FOR THE KEY TEST SWITCH. BATTERY PACK LED INDICATOR LIGHTS SHALL BE VISIBLE FROM FLOOR.
2. LOCATE WALL MOUNTED EXIT SIGNS AT 10'-0" AFF AND SUSPENDED EXIT SIGNS AT 13'-0" AFF TO BOTTOM OF FIXTURE UNLESS NOTED OTHERWISE. SUSPENDED EXIT SIGNS ARE TO BE HUNG WITH AIRCRAFT CABLE.
3. SUSPEND LIGHT FIXTURES IN THE SALES AREA FROM UNISTRUT AND AIRCRAFT CABLE, NOT FROM ROOF DECK. REFER TO 3-E5.0.
4. STRAP LIGHT FIXTURE WHIPS TO HANGER CABLE IN UNIFORM FASHION.
5. SUSPEND LIGHT FIXTURES IN EXPOSED STRUCTURE AREAS AT 16'-0" AFF.
6. JUNCTION BOXES FOR SIGNAGE ARE SHOWN OFF-SET FOR CLARITY. COORDINATE ALL EXTERIOR LIGHTING/SIGNAGE ELEVATIONS AND LOCATIONS WITH OWNER AND SIGN INSTALLER. CONTRACTOR SHALL REQUEST SHOP DRAWINGS FOR SIGNS AND PROVIDE POWER AND DISCONNECTS AS REQUIRED.
7. PLANS ARE SCHEMATIC IN NATURE AND MAY NOT BE DRAWN EXACTLY TO SCALE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING EXACT ROUTING OF ALL SERVICES.
8. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPES AND EXACT LOCATION OF ALL LIGHT FIXTURES. VERIFY CEILING TYPES WITH ARCHITECT PRIOR TO ORDERING LIGHT FIXTURES TO ENSURE COMPATIBLE FIXTURE TRIMS AND MOUNTING HARDWARE.
9. ALL PENETRATIONS OF FIRE RETARDANT TREATED PARTITIONS DUE TO THE INSTALLATION OF ELECTRICAL SYSTEMS SHALL BE SEALED TO MAINTAIN THE FIRE RATING OF THE WALL.
10. THE INSTALLATION OF ELECTRICAL WIRING, EQUIPMENT AND ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE STATE AND LOCAL BUILDING AND ENERGY CODES.
11. ALL CONDUITS BELOW STRUCTURE AND EXPOSED TO PUBLIC VIEW SHALL BE PAINTED. VERIFY COLOR WITH OWNER/ARCHITECT.
12. NO CONDUITS SHALL BE INSTALLED WITHIN OR BELOW THE BUILDING FLOOR SLAB EXCEPT FOR THOSE EXITING THE BUILDING, UNO; SUCH CONDUITS SHALL FOLLOWTHE SHORTEST POSSIBLE ROUTING TO THE BUILDING EXTERIOR.
13. CONTRACTOR SHALL CONNECT ALL LIGHTS AND POWER FOR ALL OWNER FURNISHED CASEWORK. REFER TO OWNER'S FURNITURE AND FIXTURE LAYOUT FOR EXACT HEIGHTS AND LOCATIONS.
14. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS FOR ALL ELECTRICAL FIXTURES AND DEVICES WITH OWNER'S FIXTURE PLAN AND OWNER'S REPRESENTATIVE.
15. NO MORE THAN NINE CURRENT CARRYING CONDUCTORS SHALL BE INSTALLED IN ANY CONDUIT. DERATE CONDUCTORS PER NEC.
16. ALL CONDUIT PENETRATIONS OF ROOF SHALL OCCUR WITHIN MECHANICAL EQUIPMENT CURBS, EXCEPT WHERE NOTED OTHERWISE.
17. UNDERGROUND PVC CONDUITS SHALL TRANSITION TO RIGID GALVANIZED STEEL AT ALL ELBOWS AND CONTINUE VERTICALLY AS RGS UNTIL EMERGING FROM SLAB OR CONCRETE ENCASEMENT. PROVIDE RGS THREADED CAPS AT BOTH ENDS OF SPARE OR UNUSED CONDUITS. EXCEPTION: ALL PARTS OF UNDERGROUND SITE LIGHTING BRANCH CIRCUIT CONDUITS MAY BE PVC.
18. ALL LIGHT SWITCHES SHALL BE RATED 20 AMPS.
19. DO NOT ROUTE CONDUIT THROUGH OR BELOW SKYLIGHT WELL.
20. ALL CONDUIT BANKS SHALL BE ROUTED JUST BELOW THE BOTTOM OF THE TOP CHORD OF JOISTS.
21. REFER TO NEXREV CONTROL SCHEDULE AND PANELBOARD SCHEDULES FOR CONTACTOR PANEL CIRCUITS DESIGNATED WITH A (CP).
22. ALL RACEWAY INSTALLED ABOVE SALES FLOOR SHALL BE ROUTED ON THE BOTTOM OF THE TOP CHORD OF BAR JOIST OR JOIST GIRDERS BUT NO CLOSER THAN 1.5 INCHES FROM THE BOTTOM OF THE DECK TO THE TOP OF THE RACEWAY. NO RACEWAYS IN OPEN STRUCTURE AREAS SHALL BE INSTALLED BELOW BAR JOISTS. NO RACEWAYS, JUNCTION BOXES OR DEVICES SHALL BE INSTALLED LESS THAN 1.5 INCHES FROM BOTTOM OF DECK.
23. CONTRACTOR TO TEST EM/NEXREV SWITCHES PRIOR TO NEXREV REPRESENTATIVE ARRIVING ON SITE FOR FINAL TESTING/PROGRAMMING.
24. CONDUITS FOR BUILDING SIGNAGE SHALL NOT PENETRATE FLASHING ON BACK SIDE OF THE FACADE. CONTRACTOR TO FIX ALL SPAULDING ON BACK SIDE OF THE FACADE DUE TO THE DRILL PENETRATION THROUGH THE CONCRETE PANEL.
25. RELOCATE LIGHTS AS NEEDED IN THE FIELD.

ELECTRICAL KEYNOTES

26.202	ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO LIGHTED "APPAREL+SHOES" LOGO SIGN(S) AS REQUIRED. EACH LETTER REQUIRES A SEPARATE CONNECTION ON THE SAME 277V 20A CIRCUIT. PROVIDE LOCKABLE LOCAL NEMA 3R TOGGLE TYPE DISCONNECT SWITCH FOR EACH SIGN. SIGN CONTRACTOR SHALL PROVIDE ELECTRICAL WHIPS THROUGH WALLS. IF DEPARTMENT SIGNAGE IS NOT UTILIZED, CIRCUITS SHALL BE CAPPED INSIDE JUNCTION BOXES WITH COVER PLATES.
26.204	ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO LIGHTED "SPORTS+OUTDOORS" LOGO SIGN(S) AS REQUIRED. EACH LETTER REQUIRES A SEPARATE CONNECTION ON THE SAME 277V 20A CIRCUIT. PROVIDE LOCKABLE LOCAL NEMA 3R TOGGLE TYPE DISCONNECT SWITCH FOR EACH SIGN. SIGN CONTRACTOR SHALL PROVIDE ELECTRICAL WHIPS THROUGH WALLS.
26.205	ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO LIGHTED "HUNTING+FISHING" LOGO SIGN(S) AS REQUIRED. EACH LETTER REQUIRES A SEPARATE CONNECTION ON THE SAME 277V 20A CIRCUIT. PROVIDE LOCKABLE LOCAL NEMA 3R TOGGLE TYPE DISCONNECT SWITCH FOR EACH SIGN. SIGN CONTRACTOR SHALL PROVIDE ELECTRICAL WHIPS THROUGH WALLS. IF DEPARTMENT SIGNAGE IS NOT UTILIZED, CIRCUITS SHALL BE CAPPED INSIDE JUNCTION BOXES WITH COVER PLATES.
26.206	ELECTRICAL CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO LIGHTED "ACADEMY" LOGO SIGN(S) AS REQUIRED. EACH LETTER REQUIRES A SEPARATE CONNECTION ON THE SAME 277V 20A CIRCUIT. PROVIDE LOCKABLE LOCAL NEMA 3R TOGGLE TYPE DISCONNECT SWITCH FOR EACH SIGN. SIGN CONTRACTOR SHALL PROVIDE ELECTRICAL WHIPS THROUGH WALLS.
26.209	MOUNT XL FIXTURES AT 9'-0" AFF, UNLESS NOTED OTHERWISE. LOCATIONS SHOWN ON PLANS FOR CLARITY ONLY (TYP).
26.215	INSTALL WALL MOUNTED EXIT SIGNS AT 10'-0" AFF.
26.218	CONTRACTOR SHALL COORDINATE WITH ASO FINAL LOCATION OF POWER POLES PRIOR TO HANGING LIGHTING FIXTURES IN THEIR VICINITY. POWER POLE LOCATION TAKES PRECEDENCE OVER LIGHT FIXTURE LOCATION. CONTRACTOR SHALL CONTACT ENGINEER FOR DIRECTION IF A CONFLICT WITH A POWER POLE REQUIRES LIGHTING LOCATION TO BE ADJUSTED FROM WHAT IS SHOWN ON PLANS
26.220	INSTALL WALL MOUNTED BATTERY BACK-UP UNIT AT 10'-0" AFF AND PROVIDE CONDUIT STUB-OUT TO EXTERIOR REMOTE HEAD FIXTURE FOR LOW VOLTAGE WIRING. NO EXPOSED CONDUIT OR JUNCTION BOXES SHALL BE ALLOWED.
26.223	MOUNT SWITCH TO RACKING 48" AFF.
26.224	MOUNT FIXTURE TO UNDERSIDE OF RACKING.

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Professional of Record:
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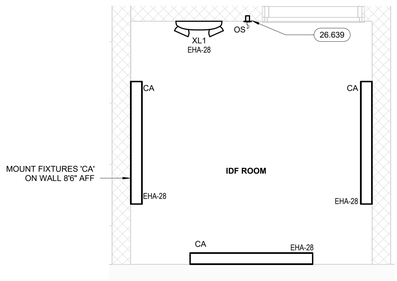
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ELECTRICAL LIGHTING PLAN

SHEET: E1.0

1 **LIGHTING PLAN**
3/32" = 1'-0"

REF /



5 IDF LIGHTING PLAN
1/2" = 1'-0"

REF 1 / E1.0

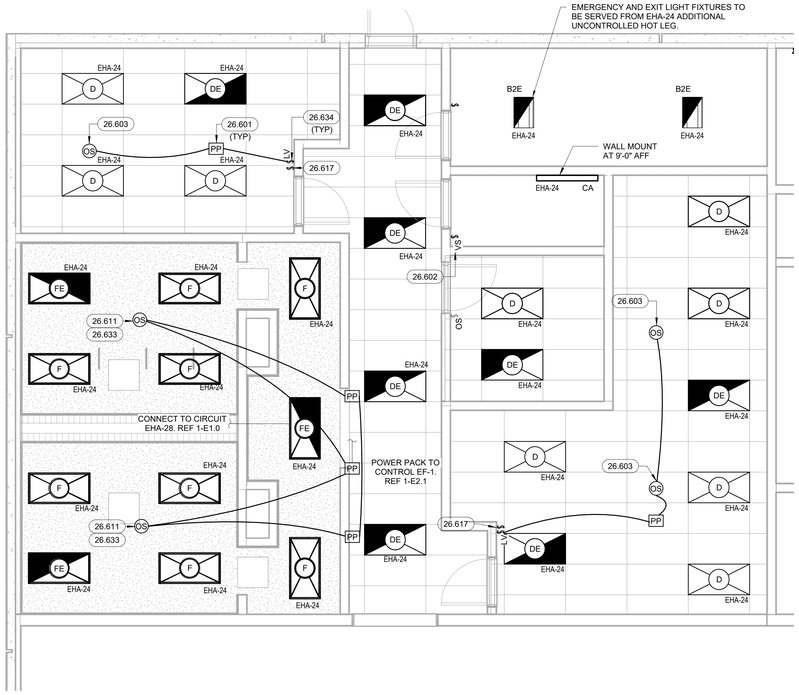
LIGHTING FIXTURE SCHEDULE

TYPE MARK	MANUFACTURER	MODEL	MOUNTING	VOLTAGE	LAMP TYPE	WATTAGE	DESCRIPTION	NOTES	QTY
A1	MAXI	HH8-LED-6000L-DIM10-MVOLT-MD-40K-90/HH8-8501-W-WH	RECESSED	277V	LED	76 W	8" RECESSED LED DOWNLIGHT. WHITE FLANGE	1,2	3
B	ENVISION	LED-ARL2-3P300W-TRI-BLK-SFA-UNV-V DARK	SURFACE	277V	LED	366 W	LED POLE MOUNTED FIXTURE WITH BLACK FINISH. MOUNT ON 35' ROUND TAPERED POLE.	1,2,3	2
B2	ENVISION	LED-LHB-2FT-3P110-WH-F-40K-UNV	SUSPENDED	277V	LED	110 W	10" X 23.5" SUSPENDED LED HIGH LUMEN OUTPUT. PROVIDE FIXTURE WITH ADJUSTABLE CABLE SUSPENSION SYSTEM.	1,2	280
B2E	ENVISION	LED-LHB-2FT-3P110-WH-F-40K-UNV-EMB	SUSPENDED	277V	LED	110 W	10" X 23.5" SUSPENDED LED HIGH LUMEN OUTPUT WITH EMERGENCY BACKUP. PROVIDE FIXTURE WITH ADJUSTABLE CABLE SUSPENSION SYSTEM.	1,2	53
C	ENVISION	LED-ARL2-3P300W-TRI-BLK-SFA-UNV-V DARK	SURFACE	277V	LED	316 W	LED POLE MOUNTED FIXTURE WITH BLACK FINISH. MOUNT ON 35' ROUND TAPERED POLE.	1,2,3	8
C1	TCP	TCPGPS4UZDA840K	SURFACE	277V	LED	32 W	4' LED COVE LIGHT	1,2	5
C2	TCP	TCPGPS2UZDA840K	SURFACE	120-277V	LED	20 W	2' LED COVE LIGHT	1,2	5
CA	TCP	TCPGPS4UZDA840K	SURFACE	277V	LED	32 W	4' LED LENSED STRIP LIGHT.	1,2	6
D	TCP	TRV4UZD4641K	RECESSED	277V	LED	46 W	2' X 4' LED WITH GRID/LAY-IN TRIM, WHITE FINISH ACRYLIC DIFFUSER.	1,2	12
DE	TCP	TRV4UZD4641KEB	RECESSED	277V	LED	46 W	2' X 4' LED WITH GRID/LAY-IN TRIM, WHITE FINISH AND ACRYLIC DIFFUSER. PROVIDE A 90-MINUTE BATTERY PACK WITH 1350-LUMEN OUTPUT TO OPERATE BOTH LAMPS, PARALLEL OPERATION.	1,2	10
F	TCP	TRV4UZD4641K	RECESSED	120-277V	LED	46 W	2' X 4' LED WITH RECESSED TRIM, WHITE FINISH ACRYLIC DIFFUSER.	1,2	8
FE	TCP	TRV4UZD4641KEB	RECESSED	120-277V	LED	46 W	2' X 4' LED WITH RECESSED TRIM, WHITE FINISH AND ACRYLIC DIFFUSER. PROVIDE A 90-MINUTE BATTERY PACK WITH 1350-LUMEN OUTPUT	1,2	3
G	ORACLE	ODL1-LED-50W-MVOLT-50K W/ ODL-ACC-DA-40-360	SURFACE	120-277V	LED	53 W	DOUBLE ARM DOCK LIGHT WITH 62" DOUBLE-STRUT ARM. DOCK LIGHT TO ALWAYS BE LOCATED ON LEFT SIDE OF DOOR.	1,2	2
LC	ENVISION	LED-WPFC-FL-5P60-TRI-BLACK-UNV	SURFACE	120-277V	LED	60 W	EXTERIOR FULL CUT OFF LED SECURITY LIGHT. COORDINATE MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS.	1,2	26
LE2	CROWN	CROWN NARROW-4740K3060SS	SURFACE	277V	LED	40 W	47" LED COVE LIGHT, WET LOCATION LISTED. FIXTURE TO BE MOUNTED IN CENTER OF COVE LIGHTING.	1,2	12
NE1	ORACLE	OLS-R-LED-4-HC-FT-S-8'-1000L-DIM10-MVOLT-40K-85-WH-O-EM G-LED-10W	RECESSED	120-277V	LED	64 W	8' RECESSED LED LINEAR FIXTURE WITH EMERGENCY BALLAST	1,2	3
NE2	ORACLE	OLS-R-LED-4-HC-FT-S-2'-1000L-DIM10-MVOLT-40K-85-WH	RECESSED	120-277V	LED	20 W	2' RECESSED LED LINEAR FIXTURE.	1,2	1
X1	BEST LIGHTING	ELXTEU-1-R-C-A-EM-SDT	SURFACE	120-277V	LED	4 W	LED EDGELIT EXIT SIGN WITH 90 MINUTES OF ILLUMINATION WITH A LEGIBLE VIEWING DISTANCE OF AT LEAST 50 FEET, RED LETTERS WITH CLEAR BACKGROUND. SINGLE SIDED.	1,2	13
X2	BEST LIGHTING	ELXTEU-2-R-C-A-EM-SDT	SURFACE	120-277V	LED	4 W	LED EDGELIT EXIT SIGN WITH 90 MINUTES OF ILLUMINATION WITH A LEGIBLE VIEWING DISTANCE OF AT LEAST 50 FEET, RED LETTERS WITH CLEAR BACKGROUND. DOUBLE SIDED.	1,2	7
XL1	LIGHT ALARMS	LCA-2LED-R	SURFACE	120-277V	LED	3 W	INTERIOR DUAL HEAD EMERGENCY LIGHT WITH INTEGRAL BATTERY BACKUP AND REMOTE POWER CAPABILITY.	1,2	8
XL2	LIGHT ALARMS	ELF652/LED-WP-B	SURFACE	120-277V	LED	2 W	EXTERIOR BLACK DUAL HEAD LED REMOTE EMERGENCY LIGHT. CONNECT TO FIXTURE XL PER MANUFACTURER'S INSTALLATION REQUIREMENTS.	1,2	8
XL3	BEST	DBEL-ACEM-HL-B-SDT-PC-CW	SURFACE	120-277V	OUTDOOR LED	12 W	EXTERIOR BLACK EMERGENCY LIGHT.	1,2	5

NOTES:
1. ALL LIGHTING FIXTURES, LAMPS, POLES, AND SUSPENSION CABLES TO BE PURCHASED THROUGH ASO APPROVED VENDORS, UNLESS NOTES OTHERWISE. REFER TO SHEET VC1.0 FOR DIVISION OF RESPONSIBILITY. THE CONTRACTOR SHALL COORDINATE FIXTURE QUANTITY, INSTALLATION METHOD AND ACCESSORIES WITH MANUFACTURER PRIOR TO ROUGH-IN.
2. COORDINATE EXACT LOCATION, MOUNTING HEIGHT AND ADDITIONAL MOUNTING INFORMATION WITH ARCHITECTURAL DRAWINGS AND DETAILS PRIOR TO INSTALLATION.
3. MOUNT TO 35' POLE. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER.

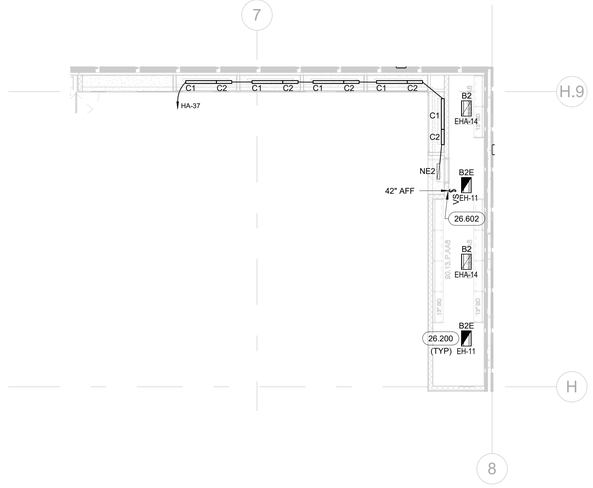
ELECTRICAL KEYNOTES

26.200	MOUNT FIXTURES 14'-0" AFF.
26.601	PROVIDE DUAL VOLTAGE POWER PACK FOR POWER TO LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSORS. POWER PACK SHALL BE GREENGATE MODEL No. SP20-MV (OR APPROVED EQUAL). INSTALL PER MANUFACTURER'S INSTRUCTIONS.
26.602	PROVIDE WALL MOUNTED SWITCH VACANCY SENSOR FOR AUTOMATIC CONTROL OF ROOM LIGHT FIXTURES. VACANCY SENSOR SHALL BE GREENGATE MODEL No. VNW-D-1001-MV-G (OR APPROVED EQUAL).
26.603	PROVIDE CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR FOR AUTOMATIC CONTROL OF ROOM LIGHT FIXTURES. OCCUPANCY SENSOR SHALL BE GREENGATE MODEL No. OAC-DT-2000-R (OR APPROVED EQUAL) AND SHALL BE PROGRAMMED FOR MANUAL ON OPERATION VIA LOW VOLTAGE SWITCHES. REF 5-E1.1
26.611	ROOM WITH HARD CEILING. LOCATE JUNCTION BOXES AND ANY OTHER ITEMS REQUIRING ACCESS ABOVE CEILING OUTSIDE THE PERIMETER OF THIS ROOM. PROVIDE PLASTER FRAMES FOR LIGHT FIXTURES.
26.617	MANUAL SWITCH TO CONTROL HALF THE LIGHTS IN A CHECKERBOARD PATTERN.
26.633	OCCUPANCY SENSORS MOUNTED IN RESTROOM CEILING SHALL BE GREENGATE MODEL No. OAC-DT-2000-R (OR APPROVED EQUAL) AND SET TIME DELAY TO 30 MIN. (TYP). MOUNT POWER PACKS SERVING RESTROOM ABOVE ACCESSIBLE CEILING.
26.634	LOW VOLTAGE SWITCHES FOR MANUAL ON OR OFF CONTROL OF LIGHTS. PROVIDE BI-LEVEL SWITCHING IN CHECKER-BOARD PATTERN SHOWN. SWITCHES SHALL BE GREENGATE MODEL No. GMT-G (OR APPROVED EQUAL).
26.639	PROVIDE WALL MOUNTED SWITCH OCCUPANCY SENSOR FOR AUTOMATIC CONTROL OF ROOM LIGHT FIXTURES. OCCUPANCY SENSOR SHALL BE GREENGATE MODEL No. ONW-D-1001-MV-G (OR APPROVED EQUAL).



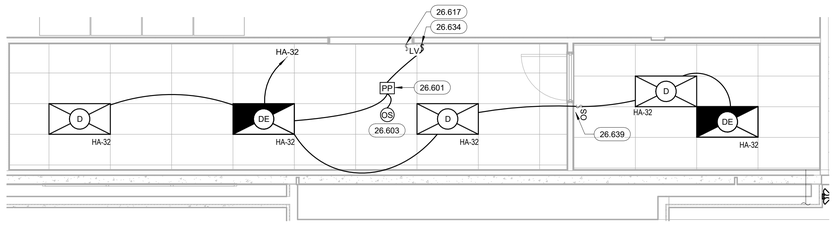
1 ENLARGED OFFICE AREA LIGHTING PLAN
1/4" = 1'-0"

REF 1 / E1.0



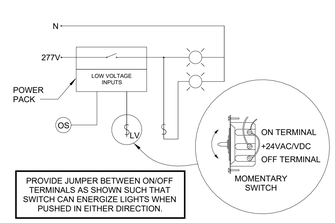
2 GUN VAULT LIGHTING PLAN
1/8" = 1'-0"

REF 1 / E1.0



3 CUSTOMER SERVICE/CASH ROOM LIGHTING PLAN
1/4" = 1'-0"

REF 1 / E1.0

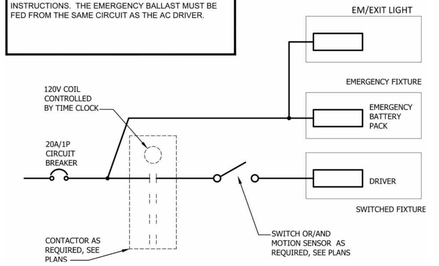


4 DUAL VOLTAGE POWER PACK WIRING AND CONTROLS DETAIL
NOT TO SCALE

REF 7

NOTES TO CONTRACTOR:

WIRING DIAGRAM IS FOR INFORMATION ONLY. EMERGENCY BATTERY CONNECTION MAY BE DIFFERENT THAN SHOWN ON THIS DETAIL, REFER TO MANUFACTURER'S SPECIFICATIONS/INSTALLATION INSTRUCTIONS. THE EMERGENCY BALLAST MUST BE FED FROM THE SAME CIRCUIT AS THE A/C DRIVER.



6 DUAL VOLTAGE POWER PACK WIRING AND CONTROLS DETAIL
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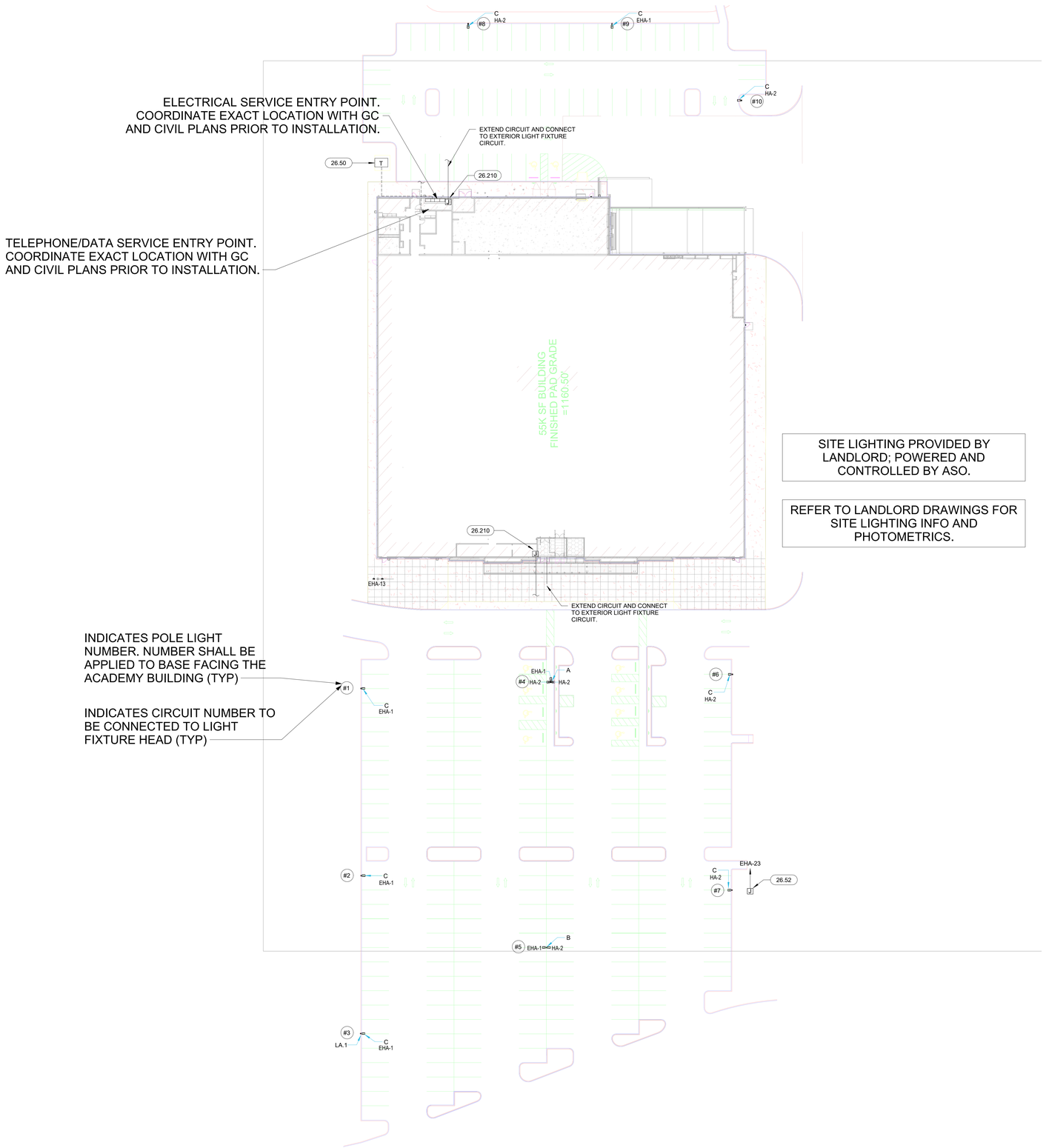
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ENLARGED LIGHTING PLANS

SHEET: E1.1



SITE LIGHTING PROVIDED BY LANDLORD; POWERED AND CONTROLLED BY ASO.

REFER TO LANDLORD DRAWINGS FOR SITE LIGHTING INFO AND PHOTOMETRICS.

GENERAL NOTES

1. UNDERGROUND BRANCH CIRCUIT CONDUITS SHALL BE 1-1/4" MINIMUM AND BRANCH CIRCUIT CONDUCTORS SHALL BE #8AWG COPPER MINIMUM. REFER TO PANEL SCHEDULES FOR BRANCH CONDUCTOR SIZES.
2. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ANY UNDERGROUND GAS/UTILITY LINES THAT MAY EXIST ON SITE PRIOR TO ANY DIGGING OR TRENCHING.
3. VERIFY DIMENSIONS OF LIGHT FIXTURE LOCATIONS FROM ARCHITECTURAL DRAWINGS.
4. REFER TO SHEET E1.1 FOR LIGHT FIXTURE SCHEDULE.
5. REFER TO NEXREV CONTROL SCHEDULE AND PANEL SCHEDULES FOR PANELS WITH CONTACTOR PANEL CIRCUITS DESIGNATED WITH A (CP).
6. FURNISH AND INSTALL SERVICE CONDUITS AND CONDUCTORS PER CITY OR STATE ELECTRICAL INSPECTOR RULES. INSTALL SERVICE WIRES AFTER PAD MOUNTED TRANSFORMER IS INSTALLED ON PAD. ALL TERMINATIONS TO TRANSFORMER BY UTILITY COMPANY. UNLESS NOTED OTHERWISE.
7. ALL POLES WITH FLOOD LIGHTS SHALL HAVE LARGER ANCHOR BOLT BASES DUE TO THE EXTRA WEIGHT AND WIND LOADS. REVIEW LOCAL CODES FOR THE WIND ZONE REGION AND ADJUST THE POLE DIAMETER TO SUPPORT THE INCREASED WIND LOADS
8. ALL SITE LIGHTING TO BE CONNECTED TO 277V POWER, UNLESS BEING CONTROLLED BY OTHERS.
9. BUILDING EXTERIOR, WALKWAY, AND PARKING LOT SHALL HAVE AN AVERAGE OF 3.5 FOOTCANDLES. BASED ON SITE LOCATION THE AHJ OR LANDLORD WILL HAVE THE FINAL DECISION. CONTRACTOR TO COORDINATION WITH AHJ AND LANDLORD FOR MORE INFORMATION.

ELECTRICAL KEYNOTES

26.50	PROPOSED LOCATION OF NEW PAD MOUNT TRANSFORMER. COORDINATE INSTALLATION AND PAD REQUIREMENTS WITH UTILITY COMPANY PRIOR TO BEGINNING UNDERGROUND WORK. TRANSFORMER AND PAD PROVIDED BY LANDLORD.
26.52	PROVIDE DISCONNECT SWITCH AND POWER TO MONUMENT SIGN. DISCONNECT SWITCH BY OWNER. COORDINATE EXACT POWER REQUIREMENTS WITH SIGN MANUFACTURER PRIOR TO ROUGH-IN.
26.210	PROVIDE JUNCTION BOX TO INTERCEPT PARKING LOT SITE LIGHTING CONDUITS. PROVIDE A 36" X 24" X 6" RECESSED J-BOX AT 8" AFF. TO BOTTOM. INSTALL COVER FLUSH WITH WALL ACCESSIBLE FROM IDF ROOM #106. VERIFY EXACT LOCATION WITH ARCH/ASO AFTER EXISTING CONDUITS ARE LOCATED. EXTEND EXISTING CONDUITS AND BRANCH CIRCUITING OVERHEAD TO NEW PANELBOARDS AS SHOWN ON PANELBOARD SCHEDULES.

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JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK

11/06/2025	OWNER
11/21/2025	PERMIT

ARKANSAS LICENSED PROFESSIONAL ENGINEER DAVID ANTHONY TRETTER No. 20371
01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

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ELECTRICAL SITE PLAN

SHEET: E1.2

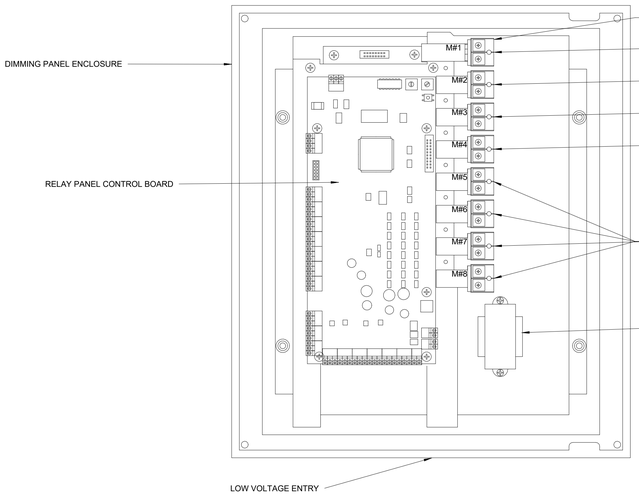
1 **ELECTRICAL SITE PLAN**
1" = 30'-0"

REF /

NEXREV CONTROL ZONE SCHEDULE

CONTROL ZONES	DESCRIPTION	CIRCUIT NUMBERS
(Z1) ZONE 1 CUSTOMER LTG OVERRIDE 1	SALES AREA LIGHTING SHALL BE ENERGIZED WHEN STORE IS OPEN TO PUBLIC. LIGHTS SHALL BE PROGRAMMED FOR AUTOMATIC ON AND AUTOMATIC OFF CONTROL. CIRCUITS FROM PANELBOARD EH SHALL BE FULLY DIMMED TO ZERO INSTEAD OF SWITCHED FULL OFF. ALL CIRCUITS IN ZONE 1 TO BE WIRED FOR 0-10V DIMMING.	HA-1,7,9 EHA-4,8,9,16 EH-1,3,7,9
(Z2) ZONE 2A CUSTOMER LTG OVERRIDE 2	SALES AREA LIGHTING SHALL BE ENERGIZED WHEN STORE IS OPEN TO PUBLIC. LIGHTS SHALL BE PROGRAMMED FOR AUTOMATIC ON AND AUTOMATIC OFF CONTROL. CIRCUITS FROM PANELBOARD EH SHALL BE FULLY DIMMED TO ZERO INSTEAD OF SWITCHED FULL OFF. ALL CIRCUITS IN ZONE 2A TO BE WIRED FOR 0-10V DIMMING.	EHA-10 EH-5
(Z2) ZONE 2B OVERRIDE 2	GUN CASE, SUNGLASS CASE LIGHTS, FISHING CASE LIGHTS, GUN, AND ARCHERY DISPLAY LIGHTS SHALL BE ENERGIZED DURING THE TIME THE STORE IS OPEN TO THE PUBLIC.	HA-37 LA-1,3,5,7
(Z3) ZONE 3 CUSTOMER LTG/ DAY LTG OVERRIDE 3	SALES AREA LIGHTING SHALL BE ENERGIZED WHEN STORE IS OPEN TO PUBLIC. LIGHTS SHALL BE PROGRAMMED FOR MANUAL ON AND AUTOMATIC OFF CONTROL. CIRCUITS FROM PANELBOARD EH SHALL BE FULLY DIMMED TO ZERO INSTEAD OF SWITCHED FULL OFF. ALL CIRCUITS IN ZONE 3 TO BE WIRED FOR 0-10V DIMMING. LIGHTS SHALL BE PROGRAMMED FOR AUTOMATIC ON AND OFF CONTROL. ONCE LIGHTS ARE TURNED ON MANUALLY THE PHOTOCELL WILL PROVIDE DAYLIGHTING CONTROLS PER SEQUENCE IN NOTES BELOW.	HA-3,5 EHA-12 EH-7
(Z4) ZONE 4 OVERRIDE 4	GUN SALES AREA GONDOLA OVERHEAD LIGHTS TO BE ENERGIZED PRIOR TO, DURING, AND AFTER TIME THAT STORE IS OPEN TO THE PUBLIC, FOR STAFF USE	EHA-16,18
(5) ZONE 5 OVERRIDE 5	SPARE	
(Z6) ZONE 6 OVERRIDE 6	TRAINING ROOM, BREAK ROOM, AND RECEIVING AREA LIGHTS TO BE ENERGIZED PRIOR TO, DURING, AND AFTER TIME THAT STORE IS OPEN TO THE PUBLIC, FOR STAFF USE	EHA-24,28
(Z7) ZONE 7 OVERRIDE 7	APPROXIMATELY 1/3 OF SITE POLE LIGHTING, EXTERIOR WALL PACK LIGHTING, FRONT CANOPY UPLIGHTS, AND FRONT EXTERIOR ENTRY CANOPY DOWNLIGHTS SHALL BE ENERGIZED WHEN PHOTOCELL DETECTS INADEQUATE DAYLIGHT	EHA-1,7,9,11,13
(Z8) ZONE 8 OVERRIDE 8	APPROXIMATELY 2/3 OF SITE POLE LIGHTING SHALL BE ENERGIZED WHEN PHOTOCELL DETECTS INADEQUATE DAYLIGHT AND WHEN STORE IS OPEN TO PUBLIC	HA-2
(Z9) ZONE 9 OVERRIDE 9	HVAC OVERRIDE PROVIDED BY NEXREV SYSTEM	
(Z10) ZONE 10 OVERRIDE 10	STORE SIGNAGE	EHA-13,15,17,19,21,23,25
EXCEPTIONS	NEXREV INSTALLER/PROGRAMMER SHALL COORDINATE WITH OWNER PRIOR TO PERFORMING PROGRAMMING OF CONTROL CODE DESCRIPTIONS SHOWN. REVISE AS INSTRUCTED BY OWNER.	

NOTE:
A. LABEL EACH SOLENOID-OPERATED, REMOTE-CONTROLLED CIRCUIT BREAKER WITH INDIVIDUAL CONTROL ZONE.
B. PROVIDE AN ENGRAVED NAMEPLATE SECURELY ATTACHED TO THE FRONT OF THE INTEGRATED POWER DISTRIBUTION UNIT WITH A LEGEND LISTING THE CONTROL ZONES WITH CONTROL ZONE DESCRIPTIONS SHOWN. (WHITE 3/32" MINIMUM HEIGHT LETTERING ON RED BACKGROUND)



ELECTRICAL CONTRACTOR TO ROUTE LOW VOLTAGE DIMMING CABLE HOMERUNS TO NEXREV SECTION OF SWITCHGEAR IN ELECTRICAL ROOM. COORDINATE EXACT REQUIREMENTS WITH NEXREV.

CLEARLY LABEL ALL CONTROL WIRING WITH ZONE AND M NUMBER AS INDICATED ON PLAN AT EACH END OF CABLE. DRIVERS ARE POLARITY SENSITIVE.

EC TO PROVIDE (2)#16 THHN CONTROL WIRES BETWEEN SALES FLOOR LIGHT FIXTURES FOR LOW VOLTAGE DIMMING.

EC TO PROVIDE 2" C. WITH BUSHINGS FROM SALES FLOOR SIDE OF DEMISING WALL TO NEXREV DIMMING SECTION OF SWITCHGEAR IN ELECTRICAL ROOM. EC TO FURNISH AND INSTALL 16/2 TWISTED PAIR LOW VOLTAGE DIMMING CABLE WITH JACKET COLOR TO MATCH DECK FINISH AS SHOWN ON SHEET A7.0. PROVIDE PULLSTRING TO ALLOW FOR FUTURE LOW VOLTAGE DIMMING CABLE REVISIONS.

LIGHTING CONTROL ZONES 1, 2, 3, 4 AND 5 ARE WITHIN THE SCHEDULED DIMMING ZONES. LIGHTING CONTROL ZONES 6 AND 7 FOR BACK OF HOUSE AND RECEIVING ARE NOT DIMMED.

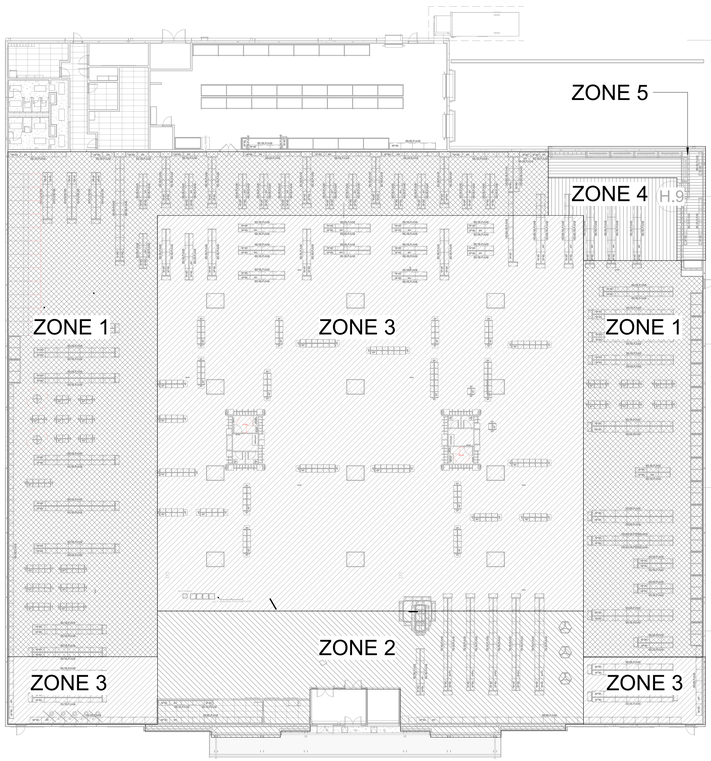
CLEARLY LABEL ALL CONTROL WIRING WITH ZONE AND M NUMBER AS INDICATED ON PLAN AT EACH END OF CABLE. DRIVERS ARE POLARITY SENSITIVE.

CONNECT LOW VOLTAGE CABLES BETWEEN JUNCTION BOXES FOR DIMMING OUTPUT GROUPING OF LIGHT FIXTURES.

3 DIMMING PANEL LAYOUT
6" = 1'-0"

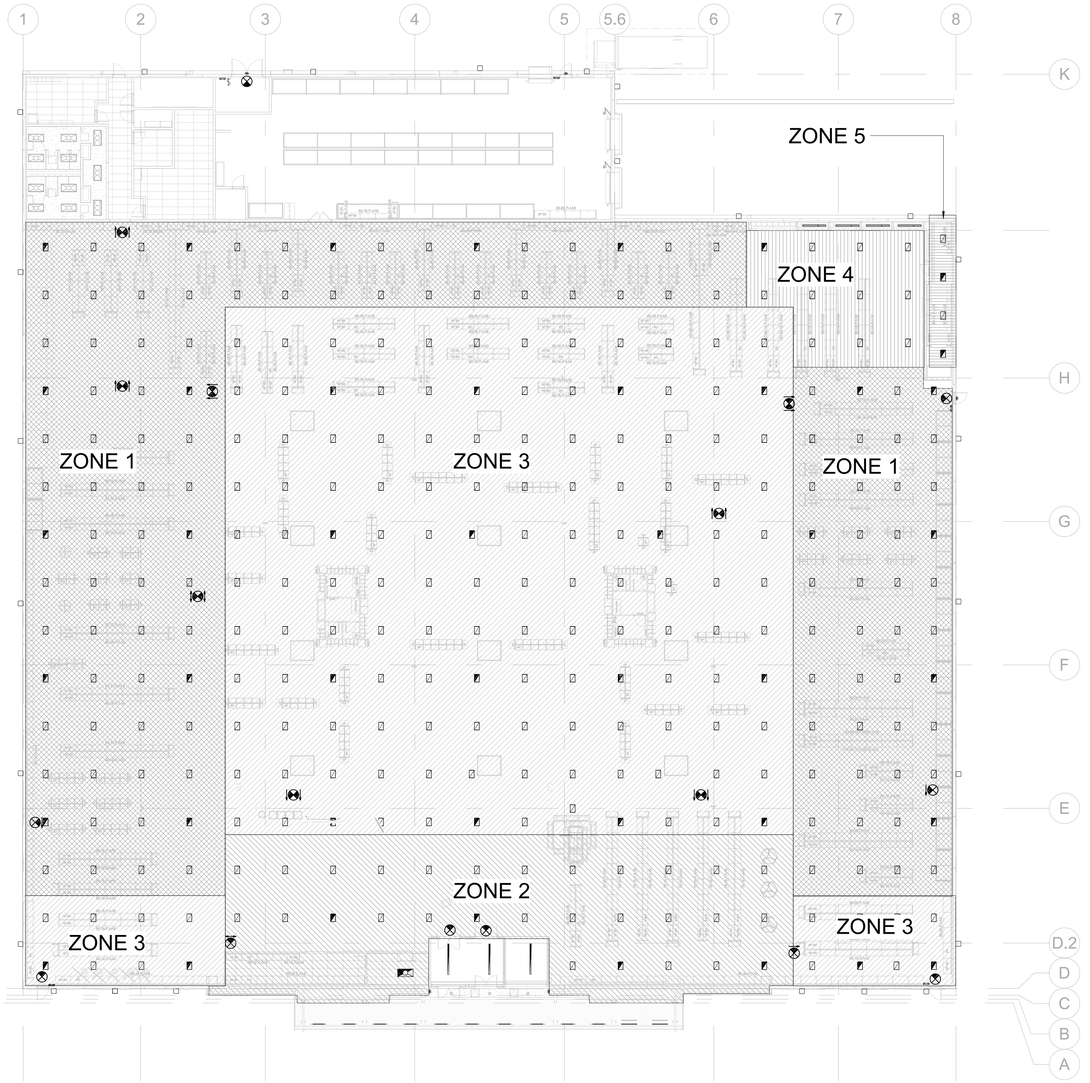
LOW VOLTAGE DIMMING GENERAL NOTES

1. PROVIDE HW405-1602 OR EQUAL FOR LOW VOLTAGE DIMMING CABLES. ALL DIMMING CABLES TO HAVE OUTER JACKET COLOR TO MATCH DECK FINISH AS SHOWN ON SHEET A7.0.
2. DIMMING PANEL AND ASSOCIATED COMPONENTS ARE INTEGRATED INTO THE NEXREV LOW VOLTAGE SECTION OF THE SQUARE D INTEGRATED SWITCHGEAR, UNLESS NOTED OTHERWISE.
3. COORDINATE SCHEDULING OF LOW VOLTAGE DIMMING CABLE INSTALLATION WITH "EMS" & "EMERGENCY CONTACTS AND OVERRIDE CONNECTIONS" VENDORS LISTED IN THE REQUIRED VENDORS CONTACTS SCHEDULE ON SHEET VC1.0 TO ENSURE THAT ALL CABLING IS INSTALLED AND READY FOR TERMINATION AND PROGRAMMING AT THE APPROPRIATE TIME.



2 DIMMING ZONES
3/64" = 1'-0"

DEFAULT DIMMING LEVELS	
ZONE #1	65%
ZONE #2	80%
ZONE #3	45%
ZONE #4	80%
ZONE #5	60%



1 DIMMING PLAN
1/16" = 1'-0"

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ISSUE BLOCK	
10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT

ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 20371 DAVID ANTHONY TRETTER
01/13/2026

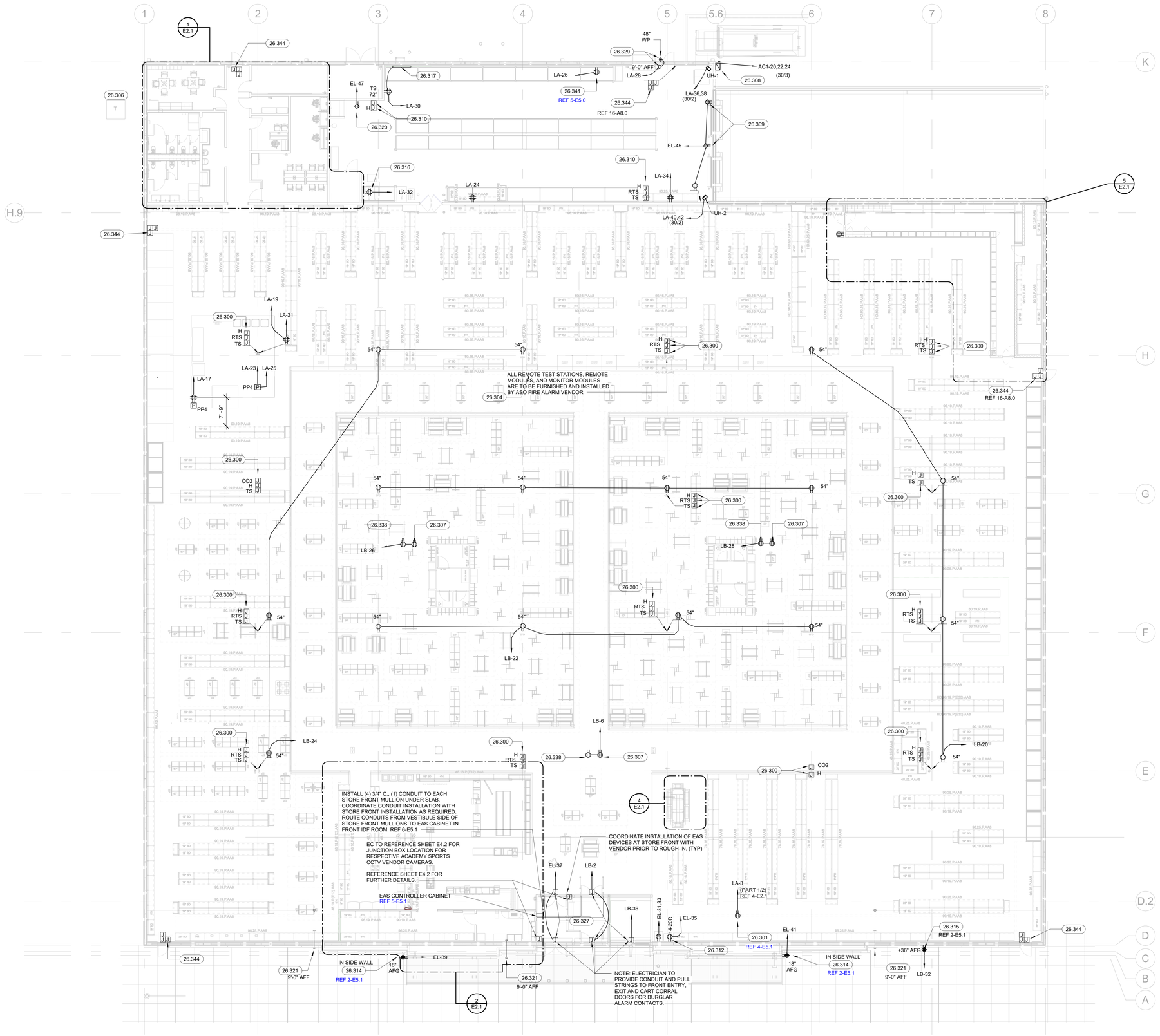
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DIMMING PLAN

SHEET: E1.3



ELECTRICAL POWER PLAN NOTES

1. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION OF MECHANICAL EQUIPMENT.
2. COORDINATE WITH DIVISION 22 FOR EXACT LOCATION OF PLUMBING EQUIPMENT.
3. NO ELECTRICAL CONDUITS OR TRENCHING SHALL BE ALLOWED IN SLAB, UNLESS NOTED OTHERWISE.
4. ALL EXPOSED ELECTRICAL RACEWAYS IN PUBLIC AND EMPLOYEE VIEW SHALL BE PAINTED TO MATCH WALL OR COLUMN. VERIFY COLOR WITH OWNER/ARCHITECT.
5. ALL WIRING TO ITEMS ON ROOF SHALL BE INSTALLED BELOW THE ROOF UNTIL THE FINAL PENETRATION AT THE POINT OF CONNECTION.
6. WHERE CIRCUIT SERVES ISOLATED GROUND RECEPTACLE(S), PROVIDE ISOLATED GROUND CONDUCTOR SEPARATE FROM AND IN ADDITION TO EQUIPMENT GROUND CONDUCTOR REQUIRED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE ISOLATED GROUND CONDUCTOR SHALL NOT BE SHARED WITH ANY OTHER CIRCUIT.
7. REFER TO CASH REGISTER STATION POWER DETAIL FOR POWER POLE REQUIREMENTS FOR CASH REGISTER STATIONS. WHERE POWER POLES OCCUR, ROUTE ALL POWER AND SIGNAL WIRING FROM OUTLETS SHOWN IN FREE STANDING MILLWORK THROUGH POWER POLE. MAINTAIN SEPARATION OF LINE AND LOW VOLTAGE WIRING.
8. REFER TO DEVICE MOUNTING HEIGHTS DETAIL FOR TYPICAL DEVICE ROUGH-IN HEIGHTS.
9. ALL COLUMN-MOUNTED RECEPTACLES ARE TO BE MOUNTED ON THE BACKSIDE OF THE COLUMNS, WHEN VIEWED FROM MAIN ENTRY.
10. PROVIDE ALL POWER POLES IN AN ANODIZED ALUMINUM FINISH.
11. IN GENERAL, ALL RECEPTACLES, SWITCHES, AND COVERPLATES SHOWN ON THESE PLANS SHALL BE GRAY IN FINISH. ALL RECEPTACLES AND COVERPLATES AT THE GUN COUNTER SHALL BE BLACK IN FINISH, UNLESS OTHERWISE NOTED.
12. CONTRACTOR SHALL PROVIDE A DURABLE LABEL IN ACCORDANCE TO SPECIFICATIONS AT EVERY WIRING DEVICE AND/OR EQUIPMENT INDICATING THE PANELBOARD AND CIRCUIT BREAKER SERVING THE WIRING DEVICE OR EQUIPMENT. THE OWNER RESERVES THE RIGHT OF FINAL APPROVAL OF COMPLIANCE WITH THIS REQUIREMENT. CONTRACTOR SHALL RETURN TO SITE TO COMPLETE LABELING OF WIRING DEVICES OR EQUIPMENT THAT IS FOUND TO BE INADEQUATE OR MISSING AT NO ADDITIONAL CHARGE TO THE OWNER FOR A PERIOD OF (1) YEAR AFTER SUBSTANTIAL COMPLETION OF PROJECT.
13. FINAL POWER DROP LOCATIONS MAY VARY FROM WHAT IS SHOWN. CONTRACTOR SHALL COORDINATE FINAL LOCATION OF FIXTURES WITH ASO FINAL MERCHANDISE PLAN AND PROVIDE CIRCUITRY TO DISPLAYS AND RACKS AS THEY ARE SET. THERE SHALL BE NO ADDITIONAL CHARGE FOR DROPS RELOCATED TO WITHIN 10'-0" FROM LOCATION ORIGINALLY SHOWN.
14. ALL CONDUIT BANKS SHALL BE ROUTED JUST BELOW THE BOTTOM OF THE TOP CHORD OF JOISTS.

FIRE ALARM ROUGH-IN NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-IN MATERIALS FOR FIRE ALARM DEVICES. COORDINATE FINAL REQUIREMENTS WITH FIRE ALARM VENDOR PLANS PRIOR TO ROUGH-IN.

ELECTRICAL KEYNOTES

26.300	PROVIDE JUNCTION BOX FOR TEMPERATURE/HUMIDITY/CO2 SENSOR/REMOTE MODULE/MONITOR MODULE AND REMOTE TEST STATION. PROVIDE CONDUITS STUBBED-UP INTO STRUCTURE ABOVE FOR TEMPERATURE SENSOR AND REMOTE TEST STATION. ASSOCIATED WIRING BY DIVISION 23. INSTALL ALL DEVICES ON COLUMN FACING REAR OF STORE. REFER TO DETAIL 7-E5.1 FOR DEVICE MOUNTING HEIGHTS.
26.301	PROVIDE DUPLEX RECEPTACLE ON GONDOLA END CAP. REFER TO PRICE SCANNER POWER AND DATA ROUGH-IN DETAIL FOR ADDITIONAL INFORMATION. REF 4-E5.1
26.304	PROVIDE (1) 3/4 GALVANIZED RIGID CONDUIT STUBBED UP THROUGH ROOF WITH WEATHERHEAD FOR SECURITY CAMERA CABLING. TERMINATE WITH BUSHING ON INTERIOR PORTION OF CONDUIT. COORDINATE EXACT LOCATION WITH ASO VENDOR PRIOR TO ROUGH-IN. REFER TO ROOF PENETRATION DETAIL ON A4.0.
26.306	
26.307	PROVIDE (1) 2-GANG JUNCTION BOX WITH A DEDICATED CIRCUIT FOR PUBLIC VIEW MONITOR. COORDINATE EXACT LOCATION WITH ASO.
26.308	60/3/60/3R DISCONNECT SWITCH FOR TRASH COMPACTOR.
26.309	PROVIDE DUPLEX RECEPTACLE AT 6'-0" AFF FOR POWER TO DOCK LIGHTS.
26.310	PROVIDE JUNCTION BOX FOR TEMPERATURE SENSOR. PROVIDE CONDUIT STUBBED-UP INTO STRUCTURE ABOVE. TEMPERATURE SENSOR AND ASSOCIATED WIRING BY DIVISION 23. INSTALL DEVICES 1'-0" ABOVE DOOR FRAME, UNLESS NOTED OTHERWISE.
26.312	PROVIDE POWER FOR REFRIGERATOR/FREEZER. REFER TO FINAL OWNER FIXTURE PLAN FOR EXACT LOCATION.
26.314	CAST THIS BOX AND CONDUIT IN CONCRETE PANEL. RECEPTACLE MOUNTED IN SIDE WALL.
26.315	
26.316	PROVIDE RECEPTACLE FOR THE MODEL MSW025-F 2500 YALE HAND TRUCK BATTERY CHARGER. VERIFY THE NEMA RATING AND AMPACITY OF THE RECEPTACLE WITH THE MANUFACTURER PRIOR TO ROUGH-IN.
26.317	PROVIDE 5'-0" PLUGMOLD MOUNTED TO FRONT OF BRIDGE BEAM AT 36" AFF FOR BIKE ASSEMBLY. ROUTE CONDUIT DOWN THE RACKING SYSTEM AND COORDINATE THE LOCATION WITH ASO PRIOR TO ROUGH-IN.
26.320	PROVIDE RECEPTACLE FOR POWER TO FLOOR SCRUBBER.
26.321	PROVIDE (1) 3/4 EMPTY CONDUIT FOR SECURITY CAMERA FROM SALES TO EXTERIOR. LOCATE AT 1'-0" BELOW THE ROOF DECK, UNLESS NOTED OTHERWISE. PROVIDE 4" X 4" J-BOX ON INTERIOR WALL. EXTERIOR STUB-OUT SHALL NOT EXCEED 2". COORDINATE WITH ASO VENDOR FOR EXACT LOCATION. *
26.327	PROVIDE POWER CONNECTION TO AUTOMATIC DOORS. VERIFY LOCATION WITH MANUFACTURE'S RECOMMENDATIONS PRIOR TO INSTALLATION. ALL CONDUIT AND WIRING SHALL BE CONCEALED AT MAIN ENTRANCE DOORS.
26.329	PROVIDE HUBBELL CATALOG No. 1281MO MOMENTARY SWITCH IN SURFACE MOUNTED SWITCH BOX WITH HUBBELL CATALOG No. 1795 WEATHERPROOF COVER AT TRUCK DOCK PERSONNEL DOOR AND EDWARDS CATALOG No. 1065-NS, 120 V AC BUZZER IN SURFACE MOUNTED SWITCH BOX WITH SLATER CATALOG No. S-771N LOUVERED COVER PLATE.
26.338	JOIST MOUNTED RECEPTACLE FOR SECURITY CAMERA. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.
26.341	ALL DEVICES FOR RECEIVING AREA DESK, INCLUDING DATA OUTLETS, ARE TO BE INSTALLED ON WALL CENTERED BEHIND RECEIVING DESK RACKING. INSTALL DEVICES 8" ON CENTER FROM ONE DEVICE TO THE NEXT. COORDINATE EXACT LOCATION OF RECEIVING DESK RACKING WITH FINAL ASO FIXTURE PLAN PRIOR TO ROUGH-IN.
26.344	PROVIDE BOXES FOR INTRUSION DETECTION AND FIRE ALARM SYSTEM AT EMERGENCY EGRESS DOORS. REF 2-E4.0.

POWER POLE SCHEDULE

TYPE	MODEL	DESCRIPTION	QUANTITY	NOTES
PP1	368ACS026-CA	22'-0" x 2-1/4" x 2-9/16" 2-CHANNEL CA POWER POLE BLANK	1	1-5
PP4	368ACS025-CA	22'-0" x 2-1/4" x 2-9/16" 2-CHANNEL CA POWER POLE W/ (2) 20A/120V RECEPTACLES	2	1-5

NOTES:
1. FIELD VERIFY EXACT LENGTH OF POWER POLE AND FIELD CUT AS REQUIRED SO THAT POLE IS ATTACHED TO BOTTOM OF STRUCTURE ABOVE.
2. SECURE ALL POWER POLES.
3. ALL POWER POLE TO BE CLEAR ANODIZED ALUMINUM.
4. NO DEVICES ARE TO BE SURFACE MOUNTED ON POWER POLES.
5. ELECTRICAL CONTRACTOR SHALL PURCHASE AND INSTALL ALL POWER POLES FROM DP CUSTOM FABRICATORS, CONTACT BOB-O SMITH AT WWW.DANDPCUSTOMLIGHTS.COM OR 800-251-2200.

NOTE: FOR LOCATION OF JUNCTION BOXES TO ROUTE RESPECTIVE CONDUITS & WIRING FOR ACADEMY SPORTS CCTV VENDOR EQUIPMENT, REFERENCE SHEET E4.2.

CONTRACTOR SHALL PROVIDE A DURABLE LABEL IN ACCORDANCE TO SPECIFICATIONS AT EVERY WIRING DEVICE AND/OR EQUIPMENT INDICATING THE PANELBOARD AND CIRCUIT BREAKER SERVING THE WIRING DEVICE OR EQUIPMENT. THE OWNER RESERVES THE RIGHT OF FINAL APPROVAL OF COMPLIANCE WITH THIS REQUIREMENT. CONTRACTOR SHALL RETURN TO SITE TO COMPLETE LABELING OF WIRING DEVICES OR EQUIPMENT THAT ARE FOUND TO BE INADEQUATE OR MISSING AT NO ADDITIONAL CHARGE TO THE OWNER FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF PROJECT

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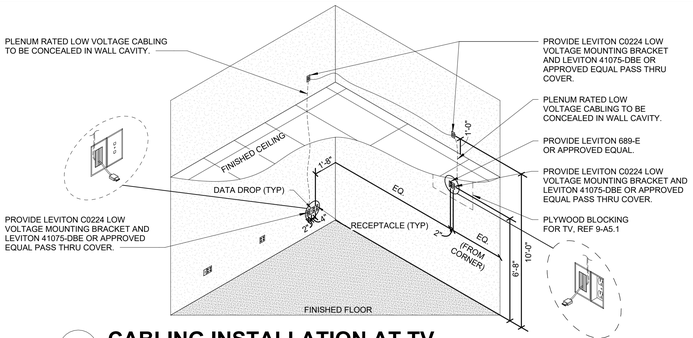
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ELECTRICAL POWER PLAN

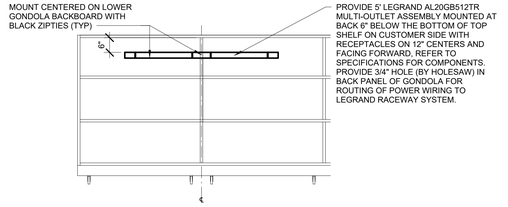
SHEET: E2.0

1 **ELECTRICAL POWER PLAN**
3/32" = 1'-0"

REF /



8 CABLING INSTALLATION AT TV
1/4" = 1'-0"



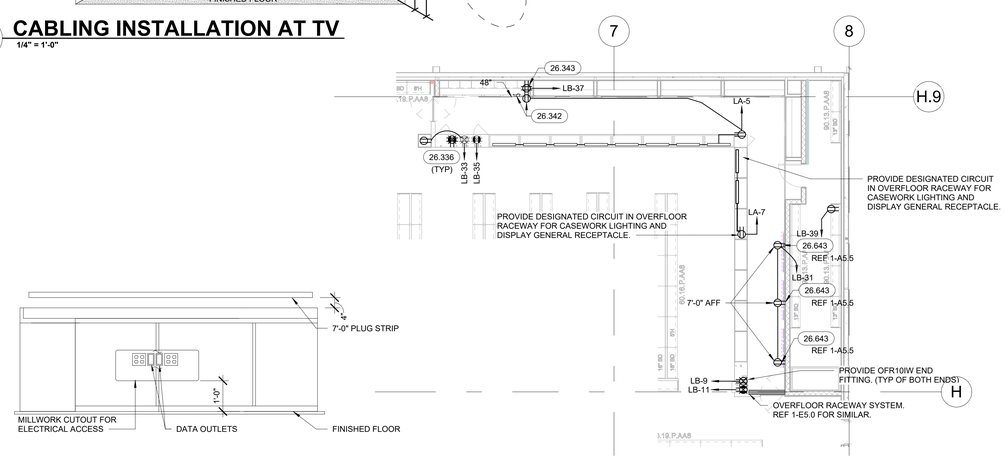
7 MULTI-OUTLET ASSEMBLY MOUNTING DETAIL
NOT TO SCALE

ELECTRICAL KEYNOTES

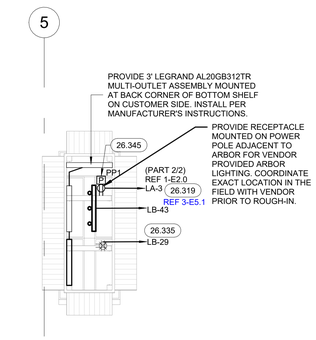
26.319	PROVIDE CIRCUIT DESIGNATED FOR CASEWORK. MAKE POWER CONNECTION TO DUPLEX RECEPTACLE DESIGNATED FOR CASEWORK LIGHTING POWER.
26.335	JUNCTION BOXES FOR DEVICES SHOWN WITH AN "X" ON SYMBOL ARE TO BE PRE-INSTALLED BY MILLWORK PROVIDER. ELECTRICAL CONTRACTOR TO PROVIDE DEVICES, WIRING AND MAKE FINAL CONNECTIONS. COORDINATE POWER REQUIREMENTS FOR MILLWORK DEVICES WITH MILLWORK PROVIDER. ALL POWER AND DATA WIRING TO BE ROUTED DOWN POWER POLE AND THROUGH MILLWORK. CONTRACTOR TO ROUTE RACEWAYS IN RACEWAY CUTOUTS AND SHALL NOT MAKE ADDITIONAL CUTOUTS IN MILLWORK WITHOUT OWNER APPROVAL.
26.336	JUNCTION BOXES FOR DEVICES SHOWN WITH AN "X" ON SYMBOL ARE TO BE PRE-INSTALLED BY MILLWORK PROVIDER. ELECTRICAL CONTRACTOR TO PROVIDE DEVICES, WIRING AND MAKE FINAL CONNECTIONS. COORDINATE POWER REQUIREMENTS FOR MILLWORK DEVICES WITH MILLWORK PROVIDER. ALL POWER AND DATA WIRING TO BE ROUTED CONCEALED WITHIN WALL, THROUGH OFR RACEWAY, AND THROUGH MILLWORK. CONTRACTOR TO ROUTE RACEWAYS IN RACEWAY CUTOUTS AND SHALL NOT MAKE ADDITIONAL CUTOUTS IN MILLWORK WITHOUT OWNER APPROVAL.

ELECTRICAL KEYNOTES

26.342	PROVIDE DUPLEX RECEPTACLE AND POWER CONNECTION TO UNDER CABINET LIGHTING AT WORKBENCH AREA. RECEPTACLE TO BE SURFACE MOUNTED INSIDE CABINET 12" FROM WINGWALL AT 76" AFF. CONNECT TO CIRCUIT SERVING HUNTING COUNTER DISPLAY LIGHTS. CIRCUIT FOR RECEPTACLE SHALL BE ROUTED THROUGH LOCAL SWITCH MOUNTED TO BOTTOM OF THE BOTTOM CABINET SHELF BEHIND CABINET VALENCE. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION. UNDER CABINET LIGHTS ARE PROVIDED BY MILLWORK VENDOR. COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS WITH MILLWORK PROVIDER.
26.343	PROVIDE QUAD RECEPTACLE AND POWER CONNECTION FOR HUNTING SERVICE COUNTER. RECEPTACLE TO BE MOUNTED 12" FROM WINGWALL.
26.345	ELECTRICAL CONTRACTOR TO CUT OPENING IN MILLWORK FOR PLACEMENT OF POWER POLE, SIZE OF CUT OPENING, AS REQUIRED, TO ALLOW FOR PASS-THRU OF ALL WIRING. OPENINGS SHALL NOT BE VISIBLE OUTSIDE THE PERIMETER OF THE INSTALLED POWER POLES AND HAVE CLEAN AND SMOOTH FINISHED CUT EDGES. POWER POLE LOCATIONS IN MILLWORK TO BE IDENTIFIED BY MILLWORK PROVIDER WITH BLUE TAPE. EC TO ASSURE THERE ARE NO OVERHEAD OBSTRUCTIONS PRIOR TO CUTTING ANY OPENINGS. COORDINATE FINAL LOCATION WITH ASO CPM, AS REQUIRED, IN THE EVENT OF AN OBSTRUCTION.
26.600	400A LUG-LUG NEMA 3R SURFACE MOUNTED DISTRIBUTION PANEL FOR CONNECTION OF FUTURE OWNER FURNISHED GENERATOR. REFER TO RISER DIAGRAM AND GENERATOR RECEPTACLE BACKBOX - SURFACE MOUNT DETAIL FOR ADDITIONAL INFORMATION. FIELD VERIFY FINAL LOCATION. REFER TO 1/E5.1.
26.604	PROVIDE RECEPTACLE FOR POWER TO ELECTRIC WATER COOLER. VERIFY EXACT LOCATION AND REQUIREMENTS WITH DIVISION 22.
26.605	HARDWIRE CIRCUIT TO NEXREV PANEL LOCATED IN CONTROLS SECTION OF MAIN SWITCHGEAR.
26.606	PROVIDE POWER FOR ELECTRIC HAND DRYER.
26.607	PROVIDE GFCI RECEPTACLE FOR POWER TO RECIRCULATION PUMP. MOUNT RECEPTACLE TO RACK PROVIDED BY PLUMBING CONTRACTOR. COORDINATE FINAL LOCATION OF RECEPTACLE WITH PLUMBING CONTRACTOR. REFER TO THERMOSTATIC MIXING VALVE DETAIL.
26.608	DEMARC/ALARM/MISC. EQUIPMENT WALL.
26.609	PROVIDE (1) 2" C. FROM NEXREV EQUIPMENT TO SALES SIDE OF DEMISING WALL AND (2) 3/4" C. FROM NEXREV EQUIPMENT TO ABOVE HALLWAY ACCESSIBLE CEILING. PROVIDE BUSHINGS AND PULLSTRINGS.
26.610	30/3/NF DISCONNECT SWITCH FOR WATER HEATER, ADJACENT TO WATER HEATER.
26.613	PROVIDE GROUND BAR AT THE TELEPHONE DEMARC BOARD AND CONNECT IT TO THE BUILDING GROUNDING ELECTRODE SYSTEM.
26.614	PROVIDE DUPLEX RECEPTACLE FOR POWER TO IRRIGATION CONTROLLER, IF REQUIRED.
26.615	FOR DIRECT CONNECTION TO FIRE ALARM SYSTEM, 78" AFF. PROVIDE DIRECT FLEXIBLE CONNECTIONS FOR UP TO (4) SEPARATE ENCLOSURES. ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-IN MATERIALS FOR FIRE ALARM DEVICES. COORDINATE WITH FA CONTRACTOR.
26.622	SURFACE MOUNT PLUGMOLD ABOVE COUNTER WITH BOTTOM OF RACEWAY 42" AFF. MULTI-OUTLET STRIP SHALL BE 9'-0" IN LENGTH WITH RECEPTACLES 12" ON CENTER.
26.627	(4) 3" EMT CONDUITS FOR DATA WIRING ROUTED VERTICALLY UP IDF ROOM WALL FROM 8'-0" AFF TO 6" ABOVE BOTTOM OF JOISTS. PROVIDE 90 DEGREE SWEEP ELBOW 6" ABOVE BOTTOM OF JOIST TO EXTEND CONDUIT TO OPEN STRUCTURE AREA ACCESSIBLE TO SCISSOR LIFT.
26.629	PROVIDE INSULATED #6 COPPER CONDUCTOR EFFECTIVELY BONDED TO BUILDING STEEL IN 3/4" C. TO 8'-0" AFF. LEAVE 30'-0" OF ADDITIONAL WIRE COILED FOR CONNECTION TO EQUIPMENT RACKS BY OTHERS.
26.630	PROVIDE DEEP JUNCTION BOXES WITH CONDUITS AT 48" AFF FOR THERMOSTAT AND NEXREV SENSOR. ROUTE POWER TO EXHAUST FAN THROUGH LINE VOLTAGE THERMOSTAT. VERIFY WIRING WITH MANUFACTURER'S REQUIREMENTS. COORDINATE FINAL LOCATIONS WITH MECHANICAL CONTRACTOR.
26.631	(1) 1" C. TO BACKFLOW PREVENTER VAULT FOR FIRE ALARM DEVICES AS REQUIRED. COORDINATE WITH FIRE ALARM AND CIVIL DRAWINGS.
26.636	PROVIDE 2" SLEEVE THROUGH ROOF WITH WEATHERHEAD AND PLASTIC BUSHINGS. EXTEND FROM 6" ABOVE BOTTOM OF JOIST TO 2'-0" ABOVE THE ROOF FOR 4G ANTENNA. REFER TO PENETRATION DETAIL 8/E5.1. COORDINATE LOCATION WITH ASO IT DEPARTMENT.
26.637	ALL JUNCTION BOXES/CONDUIT/WIRING/DEVICES SHOWN ARE FURNISHED AND INSTALLED BY ELECTRICIAN.
26.638	(4) 3" SLEEVES WITH PLASTIC BUSHINGS ON EACH END THROUGH WALL FROM RECEIVING AREA TO SALES. INSTALL 6" ABOVE BOTTOM OF JOISTS.
26.642	PROVIDE A MINIMUM OF (1) 2" C. FOR IRRIGATION CONTROL WIRING. CONTRACTOR SHALL COORDINATE ACTUAL REQUIREMENTS WITH IRRIGATION CONTRACTOR AND PROVIDE CONDUITS AS REQUIRED PRIOR TO CONCRETE POUR ALONG THE BACK WALL.
26.643	POWER AND DATA DEVICES MOUNTED IN BLOCKING FOR WALL MOUNTED MONITOR'S AND TV ELECTRICIAN. . . . NTERED WITHIN WALL MOUNT BRACKET. LOW VOLTAGE CABLING TO BE ROUTED IN WALL CAVITY.
26.644	PROVIDE JUNCTION BOX FOR EAS SYSTEM REMOTE ALARM MOUNTED 10'-0"AFF WITH 3/4" C. TO EAS POWER SUPPLY ENCLOSURE.
26.647	NEXREV REMOTE OVERRIDE SWITCH. PROVIDE 2-GANG BOX WITH PLASTER RING AT 48" WITH 3/4" C. STUBBED TO ACCESSIBLE CEILING.

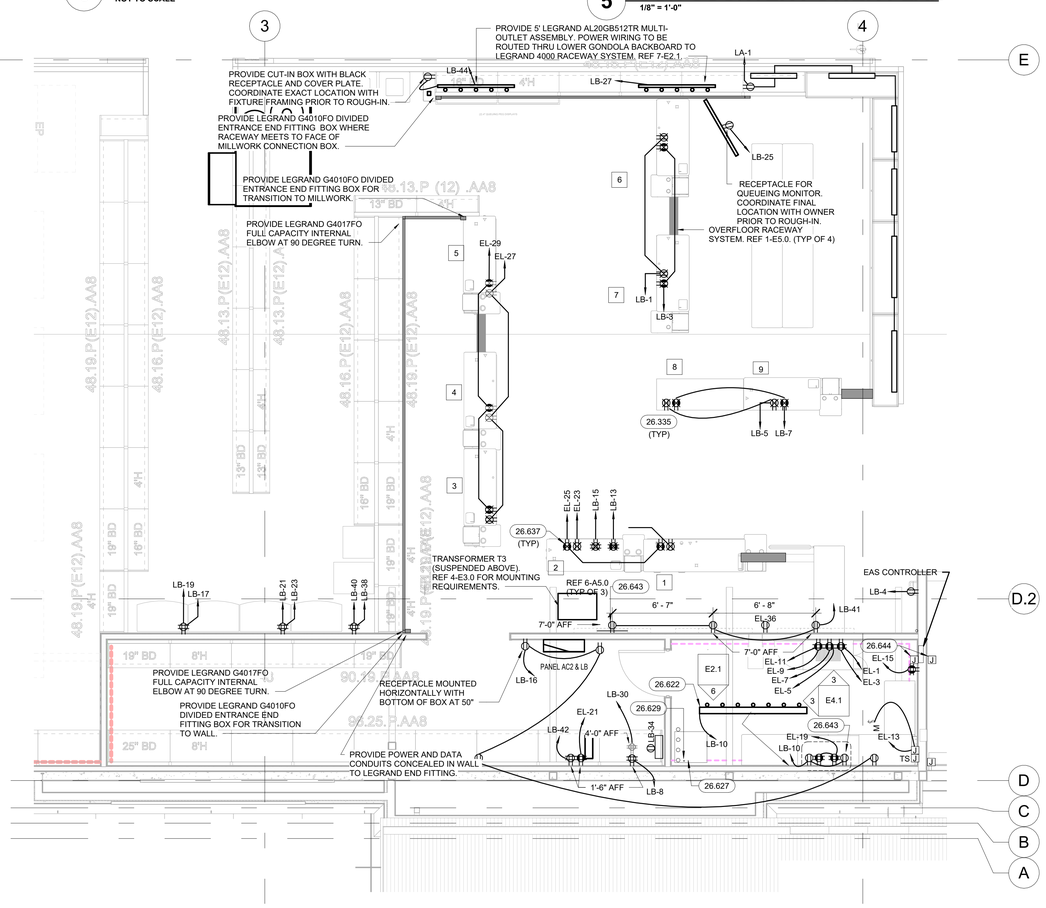


6 CASH ROOM COUNTER ELEVATION
NOT TO SCALE

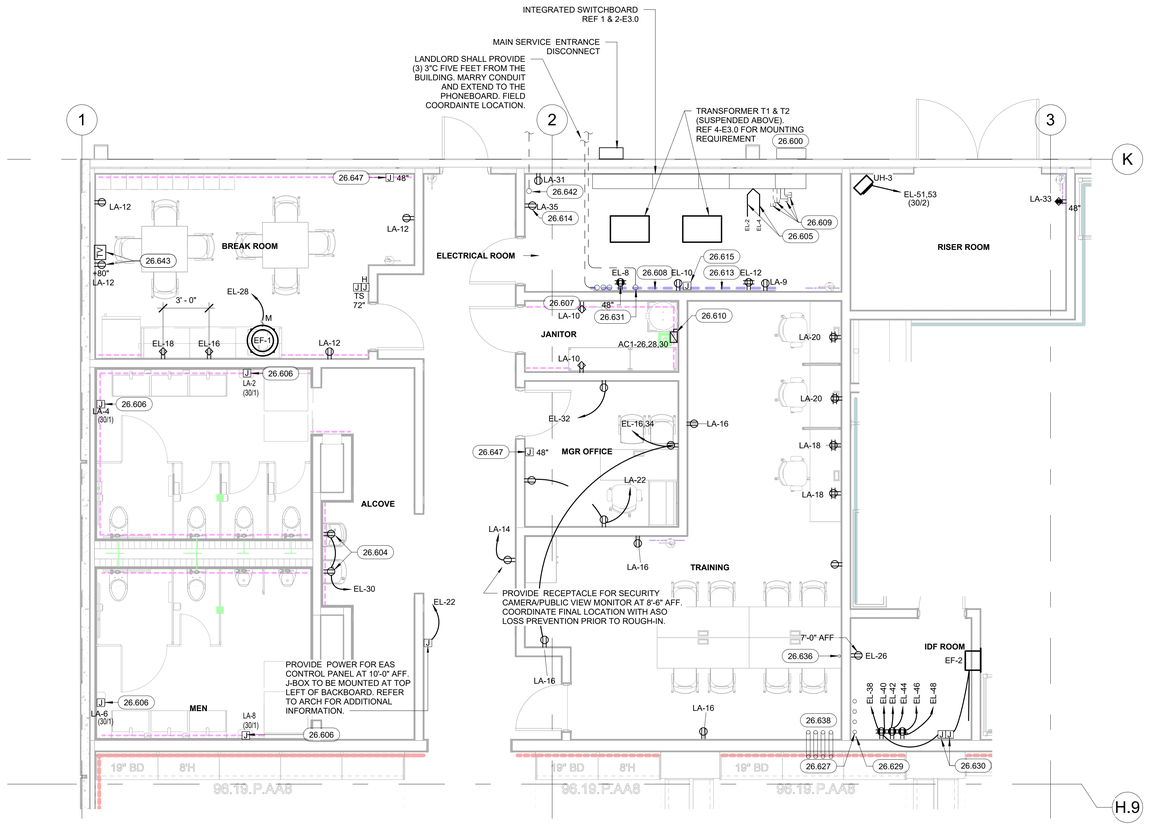


4 FISHING COUNTER ENLARGED POWER PLAN
1/4" = 1'-0"

5 GUN COUNTER POWER PLAN
1/8" = 1'-0"



2 CUSTOMER SERVICE/CASH ROOM POWER PLAN
1/4" = 1'-0"



1 ENLARGED OFFICE AREA POWER PLAN
1/4" = 1'-0"

CONTRACTOR SHALL PROVIDE A DURABLE LABEL IN ACCORDANCE TO SPECIFICATIONS AT EVERY WIRING DEVICE AND/OR EQUIPMENT INDICATING THE PANELBOARD AND CIRCUIT BREAKER SERVING THE WIRING DEVICE OR EQUIPMENT. THE OWNER RESERVES THE RIGHT OF FINAL APPROVAL OF COMPLIANCE WITH THIS REQUIREMENT. CONTRACTOR SHALL RETURN TO SITE TO COMPLETE LABELING OF WIRING DEVICES OR EQUIPMENT THAT ARE FOUND TO BE INADEQUATE OR MISSING AT NO ADDITIONAL CHARGE TO THE OWNER FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF PROJECT

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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2505369 DOC DATE: 01/13/2026

ISSUE BLOCK	
11/06/2025	OWNER
11/21/2025	PERMIT
01/13/2026	BID

ARKANSAS
DAVID A. TRETTER
LICENSED PROFESSIONAL ENGINEER
No. 20371
01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

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ENLARGED POWER PLANS

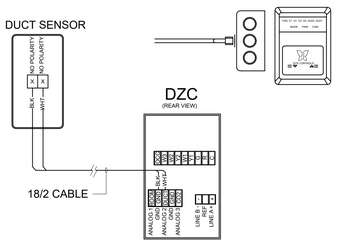
SHEET: E2.1

GENERAL NOTES
1. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATION OF MECHANICAL EQUIPMENT.
2. ALL WIRING TO ITEMS ON THE ROOF SHALL BE BELOW THE ROOF UNTIL THE FINAL PENETRATION AT THE POINT OF CONNECTION.
3. PROVIDE 120V POWER TO UNIT MOUNTED SMOKE DETECTORS ON SAME CIRCUIT SERVING RECEPTACLES.
4. REFER TO NEXREV CONTROL ZONE SCHEDULE FOR CONTROL OF HVAC UNITS.

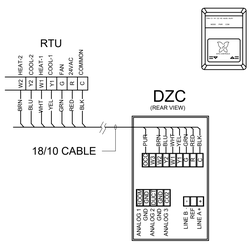
EMS GENERAL NOTES
1. REFER TO SHEET E2.0 AND M1.0 FOR TEMPERATURE SENSOR LOCATIONS.

ELECTRICAL KEYNOTES	
26.350	PROVIDE POWER CONNECTION TO SERVICE RECEPTACLE PROVIDED WITH ROOF TOP UNIT. RECEPTACLE IS LOCATED IN UNIT CONTROL BOX SECTION. RECEPTACLES TO BE GFCI AND WP.
26.354	LOCATION OF PHOTOCELL FOR CONTROL OF INTERIOR LIGHTING, FOR USE IN TANDEM WITH THE ROOF PHOTOCELL. COORDINATE INSTALLATION WITH NEXREV.INTERIOR PHOTOCELL WILL BE INSTALLED FOR FUTURE POSSIBLE USE.

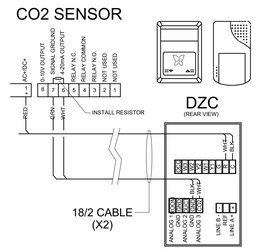
ALL POWER EQUIPMENT TO BE COORDINATED WITH PROGRESSION OF DESIGN. SOME LOCATIONS ARE SHOWN PROVISIONALLY UNTIL FURTHER COORDINATION.



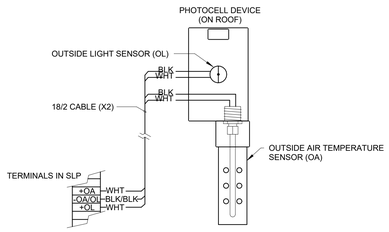
5 DUCT SENSOR WIRING DETAIL
NOT TO SCALE

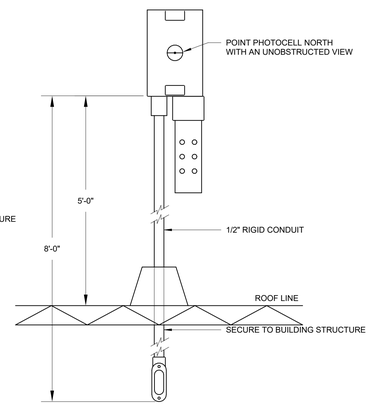


4 ROOFTOP WIRING DETAIL
NOT TO SCALE

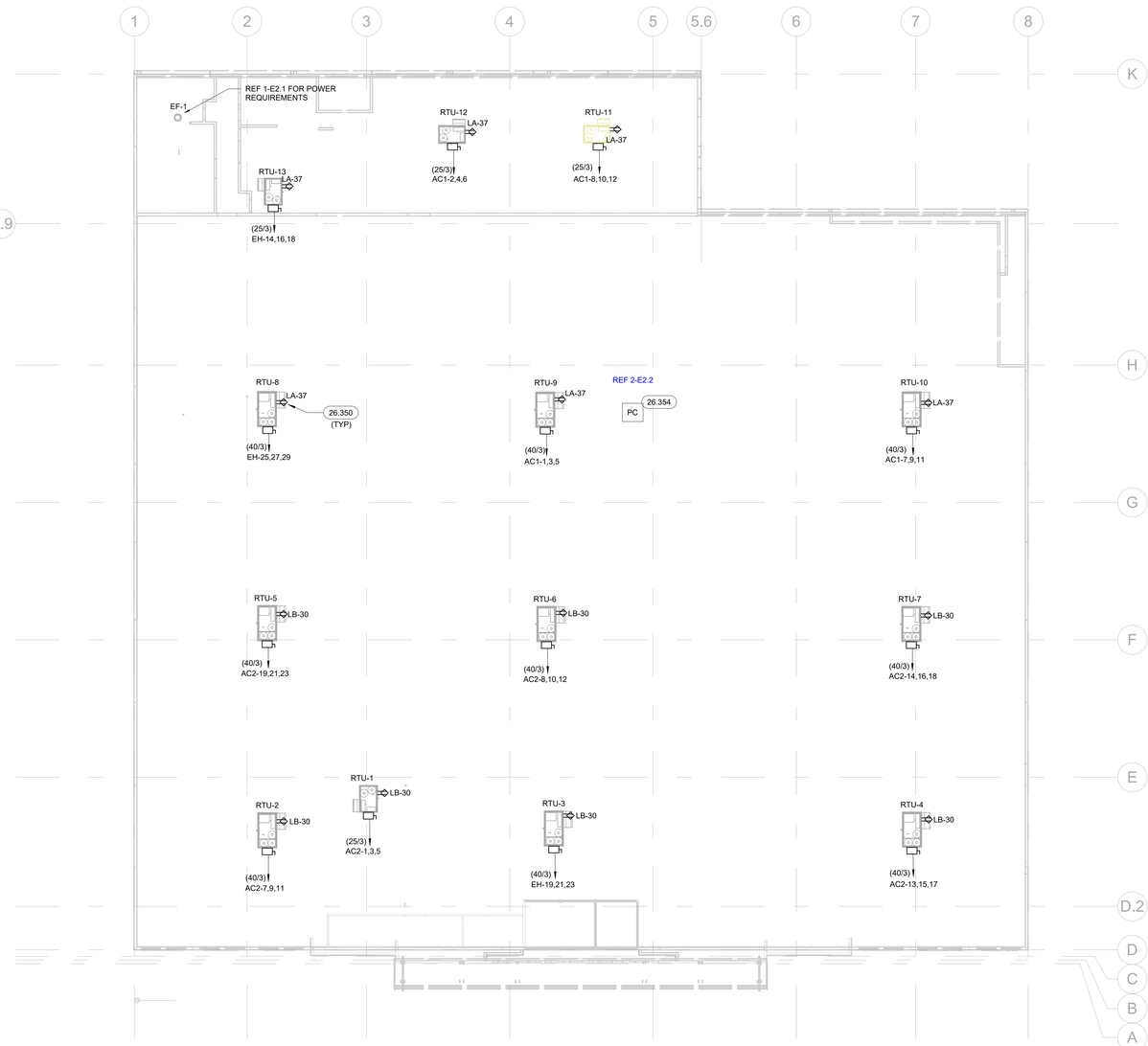


3 CO2 SENSOR WIRING DETAILS
NOT TO SCALE





2 PHOTOCELL DEVICE MOUNTING AND WIRING DETAILS
NOT TO SCALE



1 ROOF POWER / ENERGY MANAGEMENT SYSTEM PLAN
1/16" = 1'-0"

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ELEC. ROOF PLAN / EMS PLAN AND DETAILS

SHEET: E2.2

MDP

LOCATION: ELECTRICAL ROOM 117
SUPPLY FROM: UTILITY
SERVES: DISTRIBUTION

VOLTS/PHASE: 480V, 3PH, 4W
BUS AMPS: 800 A
MCB SIZE / MAINS TYPE: 800 A / MLO
AIC RATING: 65,000 FULLY RATED

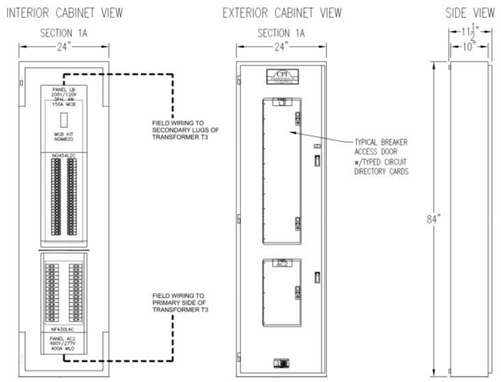
MOUNTING: SURFACE
ENCLOSURE: TYPE 1

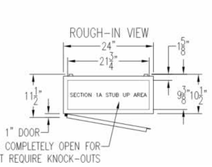
KEY	CKT	Circuit Description	WIRE	Trip	Poles	A		B		C		Poles	Trip	WIRE	Circuit Description	CKT	KEY
ST	1	PANEL AC1	OL	400 A	3	57.59	46.74					3	400 A	OL	PANEL EH	2	KK1,ST
--	3	--	--	--	--			54.21	42.20			--	--	--	--	4	--
--	5	--	--	--	--					58.22	43.49	--	--	--	--	6	--
ST	7	PANEL HA	OL	225 A	3	9.13	59.47					3	400 A	OL	PANEL AC2	8	ST
--	9	--	--	--	--			4.95	58.81			--	--	--	--	10	--
--	11	--	--	--	--					2.86	56.59	--	--	--	--	12	--
	13	PHASE LOSS	--	20 A	3	0.00	0.00					3	20 A	--	METER	14	
--	15	--	--	--	--			0.00	0.00			--	--	--	--	16	--
--	17	--	--	--	--					0.00	0.00	--	--	--	--	18	--
	19	SHUNT TRIP	--	15 A	1	0.00	0.00					3	30 A	10	SURGE PROTECTION	20	SD
	21		--	--	1			--	0.00			--	--	--	--	22	--
	23		--	--	1					--	0.00	--	--	--	--	24	--
					TOTAL:	172.92 kVA		160.16 kVA		161.15 kVA							
						624.82 A		578.21 A		582.33 A							

TOTAL LOAD:	**494.24 kVA**	**594.48 A**
FEEDER LOAD:	**502.02 kVA**	**603.84 A**

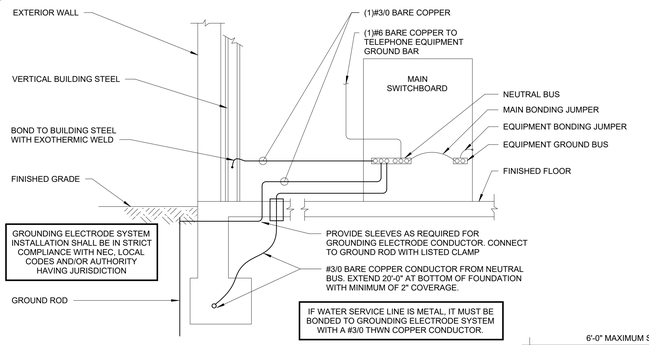
PER NEC ARTICLE 220

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS	
MISC EQUIP (Z)	38.149 kVA	100.00%	38.149 kVA		
LIGHTING (L)	46.414 kVA	125.00%	58.018 kVA	**TOTAL CONN. LOAD:**	**494.240 kVA**
MOTORS (M)	34.200 kVA	125.00%	42.750 kVA	**TOTAL EST. DEMAND:**	**502.024 kVA**
Power	0.180 kVA	100.00%	0.180 kVA	**TOTAL CONN. CURRENT:**	**594.48 A**
HVAC	322.557 kVA	100.00%	322.557 kVA	**TOTAL EST. DEMAND CURRENT:**	**603.84 A**
RECEPTACLE (R)	40.740 kVA	62.27%	25.370 kVA		
SIGNAGE & DISPLAY (S/D)	12.000 kVA	125.00%	15.000 kVA		

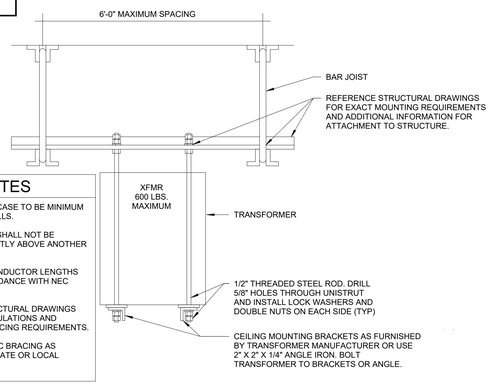




5 ELECTRICAL EQUIPMENT ELEVATION
1" = 1'-0"



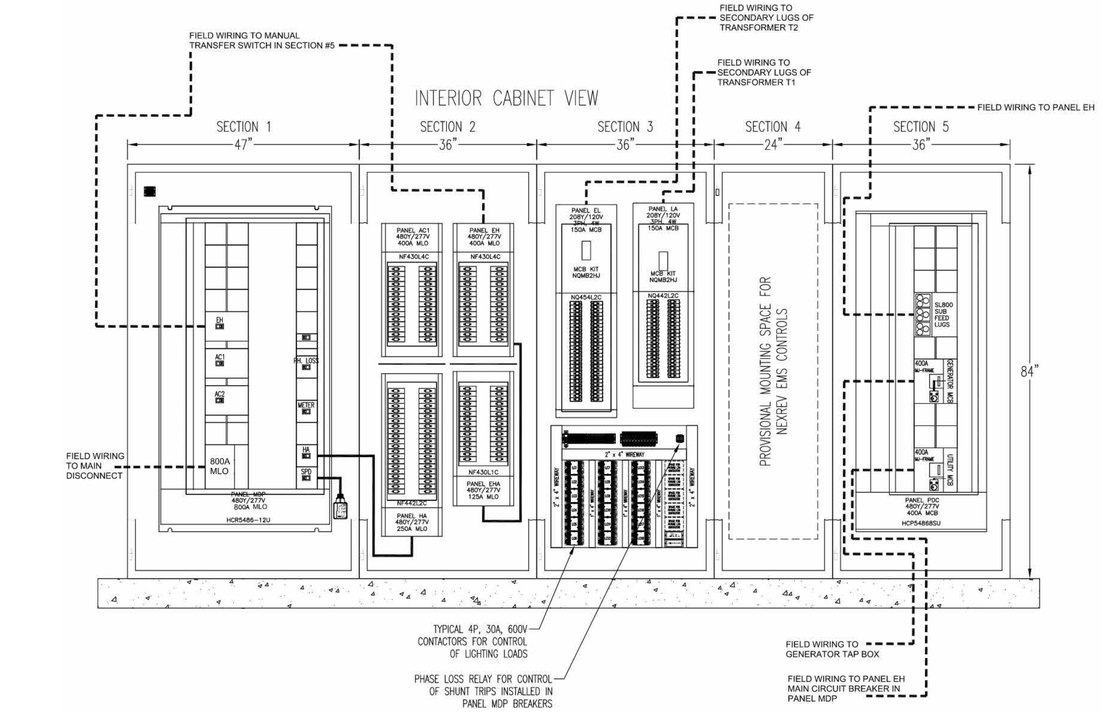
3 GROUNDING ELECTRODE SYSTEM
NOT TO SCALE



NOTES

1. TRANSFORMER CASE TO BE MINIMUM 6" FROM ALL WALLS.
2. TRANSFORMER SHALL NOT BE MOUNTED DIRECTLY ABOVE ANOTHER TRANSFORMER.
3. SECONDARY CONDUCTOR LENGTHS TO BE IN ACCORDANCE WITH NEC 240.21.
4. REFER TO STRUCTURAL DRAWINGS FOR LOAD CALCULATIONS AND ADDITIONAL BRACING REQUIREMENTS.
5. PROVIDE SEISMIC BRACING AS REQUIRED BY STATE OR LOCAL ORDINANCES.

4 SUSPENDED TRANSFORMER DETAIL
NOT TO SCALE



2 ELECTRICAL EQUIPMENT ELEVATION
1" = 1'-0"

1 ONE-LINE DIAGRAM
NOT TO SCALE

GENERAL NOTES

1. ROOM NAMES/NUMBERS SHOWN IN PANEL SCHEDULES ARE PER ARCHITECTURAL FLOOR PLANS. CONTRACTOR SHALL PROVIDE FINALIZED PANELBOARD SCHEDULES AT COMPLETION OF PROJECT WITH ASO PROVIDED ROOM NAMES/NUMBERS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE MINIMUM (3) 1" SPARE CONDUITS TO ACCESSIBLE CEILING SPACE ABOVE EACH PANELBOARD.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL PANELBOARD INSTALLATION REQUIREMENTS AND IDENTIFICATION.
4. ALL LOW VOLTAGE NEXREV CONTROL WIRING FOR CONTACTOR CONTRLLED BREAKERS IS PROVIDED BY NEXREV. ALL LINE VOLTAGE WIRING FOR CONTRACTOR CONTROLLED BREAKERS SHALL BE BY ELECTRICAL CONTRACTOR. REFER TO NEXREV CONTROL SCHEDULE.
5. COORDINATE ALL INSTALLATIONS OF EQUIPMENT/DEVICES SHOWN TO BE FURNISHED BY NEXREV AND INSTALLED BY ELECTRICAL CONTRACTOR WITH NEXREV DOCUMENTS PRIOR TO BID.
6. INTEGRATED FACILITY SWITCHBOARD IS FURNISHED BY CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SHEET VC1.0. CONTRACTOR SHALL CONFIRM EXTENT OF RESPONSIBILITY PRIOR TO BIDS. CONTRACTOR SHALL CONTACT ASO PREFERRED VENDORS IN A TIMELY FASHION TO OBTAIN QUOTES ON MATERIALS THAT ARE PART OF CONTRACTOR RESPONSIBILITIES.
7. IFS EQUIPMENT WILL ARRIVE ON SITE IN SEPARATE SHIPPING SPLITS. CONTRACTOR SHALL ASSEMBLE SECTIONS TOGETHER AND MAKE FINAL CONNECTIONS OF FEEDERS FURNISHED WITH GEAR. CONTRACTOR TO ROUTE LOW VOLTAGE CABLING FURNISHED WITH GEAR TO NEXREV SECTION OF SWITCHGEAR. ALL TERMINATIONS OF LOW VOLTAGE CABLING IN LINE VOLTAGE SECTIONS OF GEAR TO BE PROVIDED BY ELECTRICAL CONTRACTOR. REFER TO MANUFACTURERS ASSEMBLY INSTRUCTIONS FOR ASSEMBLY AND CONNECTION REQUIREMENTS.

PANELBOARD ABBREVIATION LEGEND

(OL) - REFER TO ONE-LINE DIAGRAM

(KK1) - PROVIDE KIRK KEY INTERLOCK WITH EMERGENCY GENERATOR INTERLOCK SWITCH

(ST) - SHUNT TRIP

(ST*) - SHUNT TRIP DEVICE SHALL BE CONTROLLED BY THE PHASE LOSS MONITOR AND BUILDING EMERGENCY SHUT-OFF BUTTON

(EM) - EMERG LTG HANDLE-ON CLAMP

(CP) - CIRCUIT CONTROLLED THROUGH NEXREV CONTACTOR CONTROL PANEL. REFER TO NEXREV CONTROL ZONE SCHEDULE

(IG) - ISOLATED GROUND CIRCUIT

(LCK) - HANDLE PADLOCKABLE-OFF DEVICE

(FA) - RED/HANDLE-ON CLAMP

(LO) - HANDLE-ON CLAMP

(GF) - GFCI TYPE CIRCUIT BREAKER FOR PERSONNEL PROTECTION (5 mA)

(GFE) - GFCI TYPE CIRCUIT BREAKER FOR EQUIPMENT PROTECTION (30 mA)

(SD) - NOT CONSIDERED SERVICE DISCONNECTING MEANS. (PER NEC 230.71(A)(1)(2))

(HACR) - HACR TYPE CIRCUIT BREAKER

(Z#-X) - INDICATES CONTROL ZONE. REFER TO NEXREV CONTROL ZONE SCHEDULE

(VD) - CONDUCTOR HAS BEEN UPSIZED PER VOLTAGE DROP CALCULATIONS

ELECTRICAL KEYNOTES

26.00	PROVIDE 3-1/2" SWITCHGEAR PAD. REFER TO SPECIFICATIONS.
26.01	MAIN DISCONNECT AND METERING EQUIPMENT PROVIDED BY LANDLORD.
26.02	SPD INTEGRAL TO SWITCHBOARD. REFER TO SPECIFICATIONS.
26.03	PROVIDE CT'S ON INCOMING UTILITY FEEDER FOR NEXREV METERING.
26.04	VERIS WATT TRANSDUCER IS FURNISHED BY GEAR VENDOR, INSTALLED BY CONTRACTOR.
26.05	PROVIDE GASKETED CAST FS BOX ON RGS CONDUIT SECURED TO UNISTRUT PEDESTAL FOR PHOTOCELL MOUNTED ON ROOFTOP AC UNIT. AIM NORTH AND NOT IN VIEW OF ARTIFICIAL LIGHT SOURCES. PHOTOCELL AND CONTROL WIRING WILL BE FURNISHED AND INSTALLED BY DIVISION 23 (NEXREV CONTROLS).
26.07	PHASE FAILURE RELAY BY SWITCHBOARD MANUFACTURER. RELAY SHALL OPERATE SHUNT TRIP BREAKERS IN PANELBOARD MDP. REFER TO PANEL SCHEDULE "MDP" FOR SHUNT TRIP LOCATIONS IN THE PANELBOARD SCHEDULE.
26.08	UTILITY SERVICE TRANSFORMER. REFER TO LANDLORD'S CIVIL PLANS.
26.09	STANDBY GENERATOR INTERLOCK SWITCH. PROVIDE KIRK KEY WITH CIRCUIT BREAKER IN TO ALLOW OPERATION OF ONLY ONE CIRCUIT BREAKER AT A TIME.
26.10	NORMAL FEEDER BREAKER TO PANELBOARD EH. PROVIDE KIRK KEY WITH GENERATOR INTERLOCK SWITCH TO ALLOW OPERATION OF ONLY ONE CIRCUIT BREAKER AT A TIME.
26.11	PROVIDE SQUARE D SPQTB604RS 480V, 3PH, 4W, 400A LUG-LUG NEMA 3R TAP BOX FOR CONNECTION OF FUTURE ASO FURNISHED GENERATOR. INSTALL TAP BOX IN ENCLOSURE SURFACE MOUNTED TO EXTERIOR BUILDING WALL. PROVIDE CONDUIT FROM TAP BOX TO SWITCHBOARD.
26.13	SECONDARY SERVICE PROVIDED BY LANDLORD. REFER TO LANDLORD'S PLANS.

CIRCUIT SCHEDULE:
ALL CONDUCTOR SIZES ARE BASED ON 75°C RATED TERMINATIONS AND COPPER CONDUCTORS WITH TYPE THHN/THWN-2 INSULATION. WHERE ALUMINUM CONDUCTORS ARE ALLOWED PER SPECIFICATIONS AND FOR TERMINATION OR INSULATION TYPES RATED LESS THAN 75°C, MODIFY SIZES ACCORDING TO NEC.

30	30A, (1) 1/2" C. W/ (3)#10, (1)#10 GROUND .
70	70A, (1) 1" C. W/ (3)#4, (1)#8 GROUND.
100	100A, (1) 1" C. W/ (3)#3, (1)#8 GROUND.
115	115A, (1) 1-1/4" C. W/ (4)#2, (1)#6 GROUND.
225	225A, (1) 2-1/2" C. W/ (4)#4/0, (1)#4 GROUND.
400	400A, (2) 2" C. EACH W/ (4)#3/0, (1)#3 GROUND.
800	800A, (3) 3" C. EACH W/ (4)#300 KCMIL, (1)#1/0 GROUND.
S200	200A, (1) 2" C. W/ (3)#3/0
S800	800A, (3) 3" C. EACH W/ (4)#300 KCMIL. - EST ~65FT
G300	GND, #2 COPPER GROUND.
T125	125A, (1) 1-1/4" C. W/ (4)#1, (1)#6 GROUND, (1)#6 ISOLATED GROUND.
T150	150A, (1) 2" C. W/ (4)#1/0, (1)#6 GROUND, (1)#6 ISOLATED GROUND.
T225	225A, (1) 2-1/2" C. W/ (4)#4/0, (1)#2 GROUND, (1)#2 ISOLATED GROUND.
G200	GND, #6 COPPER GROUND
BB	BUS BAR PROVIDED BY MANUFACTURER.
FDR	INTEGRAL TO SWITCHBOARD. FURNISHED BY SWITCHBOARD MANUFACTURER, FINAL CONNECTIONS BY ELECTRICAL CONTRACTOR.

CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK	
10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
DAVID ANTHONY TRETTER
No. 20371
01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

CHECKED BY:	ZT
DRAWN BY:	MMS
DOCUMENT DATE:	01/13/2026
STORE #:	TBD
ISSUE:	BID

ONE-LINE DIAGRAM AND SCHEDULES

SHEET: E3.0

AC1

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 480V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: MDP | **BUS AMPS:** 400 A | **ENCLOSURE:** TYPE 1
SERVES: | **MCB SIZE / MAINS TYPE:** 400 A / MLO
AIC RATING: 65,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
	1	RTU-9	8	40 A	3	9.42 4.43			3	25 A	10	RTU-11	2	
--	3	--	--	--	--		9.42 4.43		--	--	--	--	4	--
--	5	--	--	--	--			9.42 4.43	--	--	--	--	6	--
	7	RTU-10	8	40 A	3	9.42 4.43			3	25 A	10	RTU-12	8	
--	9	--	--	--	--		9.42 4.43		--	--	--	--	10	--
--	11	--	--	--	--			9.42 4.43	--	--	--	--	12	--
	13	SPARE	--	20 A	1	0.00 --			1	--	--	SPACE	14	
	15	SPARE	--	20 A	1		0.00 --		1	--	--	SPACE	16	
	17	SPARE	--	20 A	1			0.00 --	1	--	--	SPACE	18	
	19	PANEL LA VIA TRAN TX-T1	OL	70 A	3	12.50 11.40			3	30 A	10	TRASH COMPACTOR	20	VD
--	21	--	--	--	--		9.12 11.40		--	--	--	--	22	--
--	23	--	--	--	--			13.13 11.40	--	--	--	--	24	--
	25	SPACE	--	--	1	-- 5.98			3	30 A	10	PWR-WATER HEATER	26	
	27	SPACE	--	--	1		-- 5.98		--	--	--	--	28	--
	29	SPACE	--	--	1			-- 5.98	--	--	--	--	30	--
		TOTAL:				57.59 kVA	54.21 kVA	58.22 kVA						
						209.77 A	195.69 A	212.07 A						
		TOTAL LOAD:				**170.01 kVA**	**204.49 A**							
		FEEDER LOAD:				**177.09 kVA**	**213.00 A**							

PER NEC ARTICLE 220

HA

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 480V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: MDP | **BUS AMPS:** 225 A | **ENCLOSURE:** TYPE 1
SERVES: LIGHTING | **MCB SIZE / MAINS TYPE:** 225 A / MLO | DUAL POWER LINK RAIL
AIC RATING: 65,000 SERIES RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
CP	1	SALES AREA LTG (Z1)		20 A	1	2.75 2.36			1	20 A	10	LTG - SITE (Z8)	2	CP
CP	3	SALES AREA LTG (Z3)		20 A	1		2.64 0.00		1	20 A	--	SPARE	4	
CP	5	SALES AREA LTG (Z3)		20 A	1			2.86 0.00	1	20 A	--	SPARE	6	
CP	7	SALES AREA LTG (Z1)		20 A	1	3.41 0.00			1	20 A	--	SPARE	8	
CP	9	SALES AREA LTG (Z1)		20 A	1		2.31 --		1	--	--	SPACE	10	
	11	SPARE	--	20 A	1			0.00 --	1	--	--	SPACE	12	
	13	SPARE	--	20 A	1	0.00 --			1	--	--	SPACE	14	
	15	SPARE	--	20 A	1		0.00 --		1	--	--	SPACE	16	
	17	SPACE	--	--	1			-- --	1	--	--	SPACE	18	
	19	SPACE	--	--	1	-- --			1	--	--	SPACE	20	
	21	SPACE	--	--	1		-- --		1	--	--	SPACE	22	
	23	SPACE	--	--	1			-- --	1	--	--	SPACE	24	
	25	SPACE	--	--	1	-- --			1	--	--	SPACE	26	
	27	SPACE	--	--	1		-- --		1	--	--	SPACE	28	
	29	SPACE	--	--	1			-- --	1	--	--	SPACE	30	
	31	SPACE	--	--	1	-- 0.23			1	20 A	10	LTG-CUST. SERV/CASH COUNT	32	
	33	SPACE	--	--	1		-- --		1	--	--	SPACE	34	
	35	SPACE	--	--	1			-- --	1	--	--	SPACE	36	
CP	37	LTG-GUN DISPLAY (Z2-B)	10	20 A	1	0.38 --			1	--	--	SPACE	38	
	39	SPACE	--	20 A	1		0.00 --		1	--	--	SPACE	40	
	41	SPACE	--	20 A	1			0.00 --	1	--	--	SPACE	42	
		TOTAL:				9.13 kVA	4.95 kVA	2.86 kVA						
						34.13 A	19.03 A	10.32 A						
		TOTAL LOAD:				**16.94 kVA**	**20.38 A**							
		FEEDER LOAD:				**21.18 kVA**	**25.47 A**							

PER NEC ARTICLE 220

LA

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 208V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: T1 | **BUS AMPS:** 225 A | **ENCLOSURE:** TYPE 1
SERVES: GENERAL | **MCB SIZE / MAINS TYPE:** 150 A / MCB | ISOLATED GROUND BUS
AIC RATING: 10,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
CP	1	SUNGLASS DISPLAY LTS (Z2-B)	10	20 A	1	0.32 2.40			1	30 A	10	PWR-WOMEN'S HD #1	2	LCK
CP	3	REEL BAR DISPLAY LTS (Z2-B)	6	20 A	1		0.42 2.40		1	30 A	10	PWR-WOMEN'S HD #2	4	LCK
CP	5	HUNTING DISPLAY LTS (Z2-B)	8	20 A	1			0.52 2.40	1	30 A	10	PWR-MEN'S HD #1	6	LCK
CP	7	HUNTING DISPLAY LTS (Z2-B)	8	20 A	1	0.20 2.40			1	30 A	10	PWR-MEN'S HD #2	8	LCK
	9	RCPT - ELECTRICAL ROOM	12	20 A	1		0.18 0.36		1	20 A	12	RCPT-JANITOR+ RECIRC. PUMP	10	
	11	SPARE	--	20 A	1			0.00 0.72	1	20 A	12	RCPT-BREAK ROOM/JANITOR	12	
	13	SPARE	--	20 A	1	0.00 0.18			1	20 A	12	RCPT - PUBLIC VIEW MONITOR	14	
	15	SPARE	--	20 A	1		0.00 0.72		1	20 A	12	RCPT-TRAINING ROOM	16	
	17	RCPT - E-BIKES	6	20 A	1			1.44 0.72	1	20 A	12	RCPT-TRAINING ROOM	18	
	19	RCPT - EXERCISE #1	6	20 A	1	1.44 0.72			1	20 A	12	RCPT-TRAINING ROOM	20	
	21	RCPT - EXERCISE #2	6	20 A	1		1.44 0.36		1	20 A	12	RECEPTACLE (R)	22	
	23	PWR - FITNESS PAD FUTURE	6	20 A	1			1.44 0.54	1	20 A	12	RCPT - RECEIVING	24	
	25	PWR - FITNESS PAD FUTURE	6	20 A	1	1.44 0.36			1	20 A	12	RCPT-RECEIVING DESK	26	
	27	SPARE	--	20 A	1		0.00 0.20		1	20 A	12	PWR-RECEIVING BUZZER	28	
	29	SPARE	--	20 A	1			0.00 0.18	1	20 A	10	RCPT-BIKE STAND	30	
	31	RCPT-ELECTRIC RM.	12	20 A	1	0.18 0.36			1	20 A	12	RCPT - STRADDLE LIFT	32	
	33	RCPT-RISER ROOM	12	20 A	1		0.18 0.36		1	20 A	10	RCPT-RECEIVING	34	
	35	IRRIGATION CONTROLLER	12	20 A	1			0.18 2.50	2	30 A	10	UH-1	36	
	37						2.50		--	--	--	--	38	--
	39	SPARE	--	20 A	1		0.00 2.50		2	30 A	10	UH-2	40	
	41	SPARE	--	20 A	1			0.00 2.50	--	--	--	--	42	--
		TOTAL:				12.50 kVA	9.12 kVA	13.13 kVA						
						108.47 A	75.97 A	113.77 A						
		TOTAL LOAD:				**34.74 kVA**	**96.44 A**							
		FEEDER LOAD:				**33.27 kVA**	**92.35 A**							

PER NEC ARTICLE 220

EH

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 480V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: MDP | **BUS AMPS:** 400 A | **ENCLOSURE:** TYPE 1
SERVES: CRITICAL LIGHTING/EQPM | **MCB SIZE / MAINS TYPE:** 400 A / MLO
AIC RATING: 65,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
EM	1	SALES AREA EM LTG (Z1)	10	20 A	1	1.68 6.15			3	70 A	OL	PANEL EL VIA TRANS T-2	2	
EM	3	SALES AREA EM LTG (Z1)	10	20 A	1		0.00 7.41		--	--	--	--	4	--
EM	5	SALES AREA EM LTG (ZZ)	10	20 A	1			0.86 7.96	--	--	--	--	6	--
EM	7	SALES AREA EM LTG (Z3)	10	20 A	1	1.00 14.64			3	110 A	OL	PANEL EHA	8	
EM	9	SALES AREA EM LTG (Z1)	10	20 A	1		1.34 10.18		--	--	--	--	10	--
EM	11	SALES AREA EM LTG (Z4)	10	20 A	1			0.33 11.06	--	--	--	--	12	--
	13	SPARE	--	20 A	1	0.00 4.43			3	25 A	10	RTU-13	14	
	15	SPARE	--	20 A	1		0.00 4.43		--	--	--	--	16	--
	17	SPARE	--	20 A	1			0.00 4.43	--	--	--	--	18	--
	19	RTU-3	8	40 A	3	9.42 0.00			1	20 A	--	SPARE	20	
--	21	--	--	--	--		9.42 0.00		1	20 A	--	SPARE	22	
--	23	--	--	--	--			9.42 0.00	1	20 A	--	SPARE	24	
	25	RTU-8	8	40 A	3	9.42 --			1	--	--	SPACE	26	
--	27	--	--	--	--		9.42 --		1	--	--	SPACE	28	
--	29	--	--	--	--			9.42 --	1	--	--	SPACE	30	
		TOTAL:				46.74 kVA	42.20 kVA	43.49 kVA						
						169.46 A	152.36 A	157.70 A						
		TOTAL LOAD:				**132.43 kVA**	**159.29 A**							
		FEEDER LOAD:				**142.58 kVA**	**171.49 A**							

PER NEC ARTICLE 220

AC2

LOCATION: FRONT END STORAGE 107 | **VOLTS/PHASE:** 480V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: MDP | **BUS AMPS:** 400 A | **ENCLOSURE:** TYPE 1
SERVES: HVAC/EQPM | **MCB SIZE / MAINS TYPE:** 400 A / MLO
AIC RATING: 65,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
	1	RTU-1	10	25 A	3	4.43 7.92			3	70 A	OL	PANEL LB VIA TRAN. TX-T3	2	
--	3	--	--	--	--		4.43 7.26		--	--	--	--	4	--
--	5	--	--	--	--			4.43 5.04	--	--	--	--	6	--
	7	RTU-2	8	40 A	3	9.42 9.42			3	40 A	8	RTU-6	8	
--	9	--	--	--	--		9.42 9.42		--	--	--	--	10	--
--	11	--	--	--	--			9.42 9.42	--	--	--	--	12	--
	13	RTU-4	8	40 A	3	9.42 9.42			3	40 A	8	RTU-7	14	
--	15	--	--	--	--		9.42 9.42		--	--	--	--	16	--
--	17	--	--	--	--			9.42 9.42	--	--	--	--	18	--
	19	RTU-5	8	40 A	3	9.42 --			1	--	--	SPACE	20	
--	21	--	--	--	--		9.42 --		1	--	--	SPACE	22	
--	23	--	--	--	--			9.42 --	1	--	--	SPACE	24	
	25	SPACE	--	--	1	-- --			1	--	--	SPACE	26	
	27	SPACE	--	--	1		-- --		1	--	--	SPACE	28	
	29	SPACE	--	--	1			-- --	1	--	--	SPACE	30	
		TOTAL:				59.47 kVA	58.81 kVA	56.59 kVA						
						215.91 A	213.53 A	204.28 A						
		TOTAL LOAD:				**174.86 kVA**	**210.32 A**							
		FEEDER LOAD:				**171.19 kVA**	**205.90 A**							

PER NEC ARTICLE 220

LB

LOCATION: FRONT END STORAGE 107 | **VOLTS/PHASE:** 208V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: T3 | **BUS AMPS:** 225 A | **ENCLOSURE:** TYPE 1
SERVES: GENERAL | **MCB SIZE / MAINS TYPE:** 150 A / MCB | ISOLATED GROUND BUS
AIC RATING: 10,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
	1	RCPT - REG #6, #7&LICENSING	12	20 A	1	0.36 1.80			1	20 A	12	PWR - ENTRY DOOR OPENERS	2	LCK
IG	3	RCPT - REG #6, #7&LICENSING	12	20 A	1		0.36 0.18		1	20 A	12	RCPT - CART STORAGE	4	
	5	RCPT - REGISTER #8 & #9	12	20 A	1			0.36 0.36	1	20 A	12	PWR - PUBLIC VIEW MONITOR	6	
IG	7	RCPT - REGISTER #8 & #9	12	20 A	1	0.36 0.36			3	40 A	8	RCPT-FRONT END STORAGE	8	
	9	RCPT - REGISTER #10	8	20 A	1		0.18 1.86		1	20 A	12	RCPT - PLUGMOLD #1	10	
IG	11	RCPT - REGISTER #10	8	20 A	1			0.36 --	1	--	--	SPACE	12	
IG	13	RCPT - LICENSE STATION	12	20 A	1	0.36 0.00			1	20 A	12	SPARE	14	
	15	RCPT - LICENSE STATION	12	20 A	1		0.18 0.72		1	20 A	12	RCPT - CUST. SERVICE	16	
	17	RCPT - BEVERAGE COOLER	12	20 A	1			0.18 0.00	1	20 A	10	RCPT - SALES FLOOR	18	
	19	RCPT - BEVERAGE COOLER	12	20 A	1	0.18 0.72			1	20 A	10	RCPT - SALES FLOOR	20	
	21	RCPT - BEVERAGE COOLER	12	20 A	1		0.18 1.44		1	20 A	10	RCPT - SALES FLOOR	22	
	23	RCPT - BEVERAGE COOLER	12	20 A	1			0.18 0.72	1	20 A	10	RCPT - SALES FLOOR	24	
	25	RCPT - QUEUING MONITOR	12	20 A	1	0.18 0.36			1	20 A	12	PWR - PUBLIC VIEW MONITOR	26	
	27	RCPT - SPEAKER PLUGMOLD	10	20 A	1		0.90 0.36		1	20 A	12	PWR - PUBLIC VIEW MONITOR	28	
	29	RCPT - LINE WINDER	10	20 A	1			0.18 0.18	1	20 A		RCPT - BOPIS CAGE	30	
	31	RCPT - HUNTING COUNTER TV'S	8	20 A	1	0.54 0.18			1	20 A		RECEPTACLE (R)	32	
	33	RCPT - HUNTING COUNTER #1	8	20 A	1		0.36 0.18		1	20 A	12	RCPT - FRONT END STORAGE	34	
IG	35	RCPT - HUNTING COUNTER #2	8	20 A	1			0.72 0.90	1	20 A	12	PWR - CART DOOR OPENER	36	LCK
	37	RCPT - HUNTING WORK CNTR	8	20 A	1	0.36 0.18			1	20 A	12	RCPT - BEVERAGE COOLER	38	
	39	RCPT - INVUE CHARGE STATION	10	20 A	1		0.18 0.18		1	20 A	12	RCPT - BEVERAGE COOLER	40	
	41	RCPT - QUEUE TVS	12	20 A	1			0.54 0.36	1	20 A		RCPT - BOPIS CAGE	42	
	43	RCPT - LICENSE PLUGMOLD	10	20 A	1	0.90 1.08			1	20 A	10	RCPT - SPEAKER PLUGMOLD	44	
	45	SPARE	--	20 A	1		0.00 0.00		1	20 A	--	SPARE	46	
	47	SPACE	--	--	1			-- 0.00	1	--	--	SPACE	48	
	49	SPACE	--	--	1	-- --			1	--	--	SPACE	50	
	51	SPACE	--	--	1		-- --		1	--	--	SPACE	52	
	53	SPACE	--	--	1			-- --	1	--	--	SPACE	54	
		TOTAL:				7.92 kVA	7.26 kVA	5.04 kVA						
						68.85 A	63.35 A	42.00 A						
		TOTAL LOAD:				**20.22 kVA**	**56.13 A**							
		FEEDER LOAD:				**16.55 kVA**	**45.94 A**							

PER NEC ARTICLE 220

EHA

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 480V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: EH | **BUS AMPS:** 125 A | **ENCLOSURE:** TYPE 1
SERVES: CRITICAL LIGHTING | **MCB SIZE / MAINS TYPE:** 125 A / MLO | DUAL POWER LINK RAIL
AIC RATING: 65,000 SERIES RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
CP	1	LTG - SITE	10	20 A	1	2.00 2.86			1	20 A	10	SALES AREA LTG (Z1)	2	CP
	3	SPARE	--	20 A	1		0.00 1.76		1	20 A		SALES AREA LTG (Z1)	4	CP
	5	SPARE	--	20 A	1			0.00 2.64	1	20 A		SALES AREA LTG (Z1)	6	CP
CP	7	LTG - EXT FRNT LC (Z7)		20 A	1	0.36 2.75			1	20 A		SALES AREA LTG (Z1)	8	CP
CP	9	LTG - EXT WEST LC (Z7)		20 A	1		0.60 2.20		1	20 A		SALES AREA LTG (Z2)	10	CP
CP	11	LTG - EXT EAST LC (Z7)		20 A	1			0.54 1.54	1	20 A		SALES AREA LTG (Z3)	12	CP
	13	FLAG POLE LTG (Z10)		20 A	1	0.00 1.87			1	20 A		SALES AREA LTG (Z4)	14	CP
CP	15	LTG - EXT CANOPY (Z10)		20 A	1		2.45 0.00		1	20 A	--	SPARE	16	
CP	17	SIGN - FRONT (Z10)	4	40 A	1			3.60 0.00	1	20 A	--	SPARE	18	
CP	19	SIGN "ACADEMY" (Z10)		20 A	1	1.20 0.00			1	20 A	--	SPARE	20	
CP	21	SIGN - "S&O" (Z10)		20 A	1		1.20 --		1	--	--	SPACE	22	
CP	23	SIGN - SITE MONUMENT (Z10)	8	20 A	1			1.20 1.54	2	20 A	12	LTG-TRAIN./BREAK ROOM (Z6)	24	CP/EM
CP	25	SIGNAGE & DISPLAY (Z10)		20 A	1	3.60 0.00			--	20 A	12	SPARE	26	EM
	27	SPARE	--	20 A	1		0.00 1.97		2	20 A		LTG-RECEIVING (Z6)	28	CP/EM
	29	SPACE	--	--	1			-- 0.00	--	20 A	12	SPARE	30	EM
		TOTAL:				14.64 kVA	10.18 kVA	11.06 kVA						
						53.33 A	36.76 A	40.43 A						
		TOTAL LOAD:				**35.88 kVA**	**43.16 A**							
		FEEDER LOAD:				**44.85 kVA**	**53.95 A**							

PER NEC ARTICLE 220

EL

LOCATION: ELECTRICAL ROOM 117 | **VOLTS/PHASE:** 208V, 3PH, 4W | **MOUNTING:** SURFACE
SUPPLY FROM: T2 | **BUS AMPS:** 225 A | **ENCLOSURE:** TYPE 1
SERVES: CRITICAL LOADS | **MCB SIZE / MAINS TYPE:** 150 A / MCB | ISOLATED GROUND BUS
AIC RATING: 10,000 FULLY RATED

KEY	CKT	Circuit Description	WIRE	Trip	Poles	A	B	C	Poles	Trip	WIRE	Circuit Description	CKT	KEY
IG	1	RCPT- FRONT IDF #1	8	20 A	1	0.18 0.18			1	20 A	12	PWR - NEXREV DIM PANEL	2	
IG	3	RCPT-PHONE SWITCHBOARD	8	20 A	1		0.18 0.18		1	20 A	12	RCPT-NEXREV CTRL PANEL	4	
IG	5	RCPT-FRONT IDF #2	8	20 A	1			0.18 0.00	1	20 A	--	PWR - CONTACTOR PANEL	6	
IG	7	RCPT-VIDEO RACK	8	20 A	1	0.18 0.36			1	20 A	12	RCPT - DEMARC EQUIPMENT	8	IG
IG	9	RCPT-FRONT IDF #3	8	20 A	1		0.18 0.68		1	20 A	12	PWR-FIRE ALARM	10	FA
IG	11	RCPT-DATA RACK	8	20 A	1			0.18 0.36	1	20 A	12	RCPT-PAGE SYS/INTRUSION	12	
	13	PWR - FRONT IDF EF-1	10	20 A	1	0.00							14	
IG	15	PWR-EAS CNTL	10	20 A	1		0.18 0.18		1	20 A	10	RCPT-MICROWAVE	16	
	17	SPARE	--	20 A	1			0.00 0.18	1	20 A	10	RCPT-COFFEE MAKER	18	
IG	19	RCPT-CASH COUNT	6	20 A	1	0.72 0.40			1	20 A	12	PWR - RR LAVATORIES	20	GF
IG	21	RCPT-FRONT END STORAGE	6	20 A	1		0.18 0.10		1	20 A	12	PWR - RR SINKS	22	GF
	23	RCPT-REGISTER #1 & #2	8	20 A	1			0.36 0.60	1	20 A	12	PWR - RR SENSORMATIC	24	
IG	25	IG RCPT-REGISTER #1 & #2	8	20 A	1	0.36 0.18			1	20 A		RCPT - ZURN LINK	26	
	27	RCPT-REGISTER #3, #4 & #5	6	20 A	1		0.54 0.00		1	20 A	10	PWR - EF-2	28	
IG	29	IG RCPT-REGISTER #3, #4 & #5	6	20 A	1			0.54 0.36	1	20 A	12	RCPT-WATER FOUNTAINS	30	GF
	31	BAIT FREEZER	6	20 A	2	1.25 0.18			1	20 A		RECEPTACLE (R)	32	
--	33	--	--	--	--		1.25 0.18		1	20 A		RECEPTACLE (R)	34	
	35	RCPT - FISHING REFRIGERATOR	6	20 A	1			1.80 0.18	1	20 A	12	RCPT - BLF PHONE BANK	36	
LCK	37	PWR-EXIT DOOR OPENERS	6	20 A	1	1.80 0.18			1	20 A		RCPT-BACK IDF #1 & EF-3	38	IG
	39	RCPT - EXTERIOR #1	10	20 A	1		0.18 0.18		1	20 A		RCPT - PHONE BOARD	40	IG
	41	RCPT - EXTERIOR #2	10	20 A	1			0.18 0.18	1	20 A		RCPT-BACK IDF #2	42	IG
	43	SPARE	--	20 A	1	0.00 0.18			1	20 A		RCPT-VIDEO RACK	44	IG
	45	RCPT-DOCK AREA	10	20 A	1		0.54 0.18		1	20 A		RCPT-BACK IDF #3	46	IG
GF	47	RCPT-SCRUBBER	12	20 A	1			0.18 0.18	1	20 A		RCPT-DATA RACK	48	IG
	49												50	
	51	UH-3	10	30 A	2		2.50						52	
--	53	--	--	--	--			2.50					54	
		TOTAL:				6.15 kVA	7.41 kVA	7.96 kVA						
						51.25 A	63.33 A	67.91 A						
		TOTAL LOAD:				**21.51 kVA**	**59.71 A**							
		FEEDER LOAD:				**21.38 kVA**	**59.35 A**							

PER NEC ARTICLE 220

ALL CIRCUITS TO BE COORDINATED WITH PROGRESSION OF DESIGN. SOME LOCATIONS ARE SHOWN PROVISIONALLY UNTIL FURTHER COORDINATION.

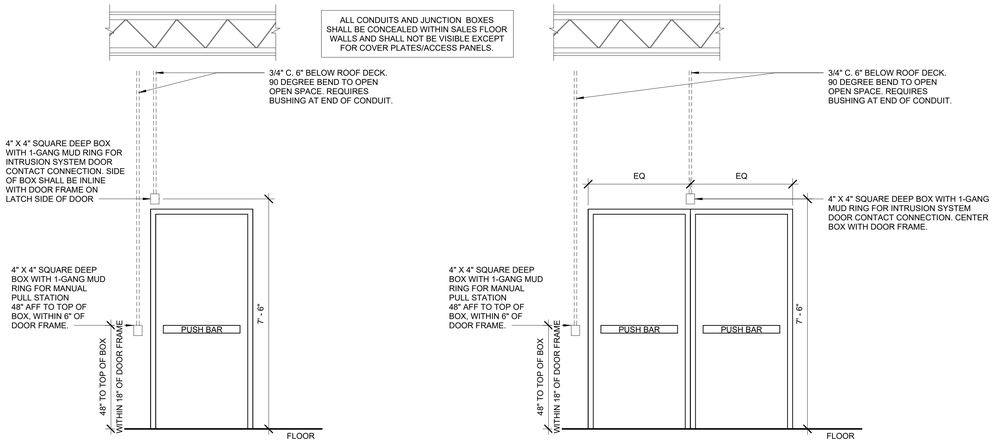
GROUND WIRE SIZING CHART

BREAKER AMPACITY	WIRE	WIRE SIZE				
15-20	PHASE	#12	#10	#8	#6	#4
	GROUND	#12	#10	#8	#6	#4
25-30	PHASE	#10	#8	#6	#4	#3
	GROUND	#10	#8	#6	#4	#3
35-50	PHASE	#8	#6	#4	#3	#2
	GROUND	#10	#8	#4	#4	#4
60	PHASE	#6	#4	#3	#2	#1
	GROUND	#10	#6	#6	#4	#4
70	PHASE	#6	#4	#3	#2	#1
	GROUND	#8	#4	#4	#3	#2
80-90	PHASE	#4	#3	#2	#1	#1/0
	GROUND	#8	#6	#4	#4	#3
100	PHASE	#3	#2	#1	#1/0	#2/0
	GROUND	#8	#6	#4	#4	#3

WIRE SIZES PER NEC 250.122 (B)

GENERAL NOTES

1. ROOM NAMES/NUMBERS SHOWN IN PANEL SCHEDULES ARE PER ARCHITECTURAL FLOOR PLANS. CONTRACTOR SHALL PROVIDE FINALIZED PANELBOARD SCHEDULES AT COMPLETION OF PROJECT WITH ASO PROVIDED ROOM NAMES/NUMBERS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE MINIMUM (3) 1" SPARE CONDUITS TO ACCESSIBLE CEILING SPACE ABOVE EACH PANELBOARD.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL PANELBOARD INSTALLATION REQUIREMENTS AND IDENTIFICATION.
4. NEXREV CONTROL WIRING SWITCHABLE CIRCUIT BREAKERS WITHIN INTEGRATED DISTRIBUTION SWITCHBOARD ARE PROVIDED BY SQUARE D WITHIN UNIT. REFER TO NEXREV CONTROL ZONE SCHEDULE.
5. COORDINATE ALL INSTALLATIONS OF EQUIPMENT/DEVICES SHOWN TO BE FURNISHED BY NEXREV AND INSTALLED BY ELECTRICAL CONTRACTOR WITH NEXREV DOCUMENTS PRIOR TO BID.
6. EACH SWITCHABLE CIRCUIT BREAKER AND ASSOCIATED LOAD HAVE BEEN ASSIGNED TO THE SPECIFIC CIRCUIT POSITION SHOWN WITHIN THE PANELBOARD IN ORDER TO IMPLEMENT THE INTENDED CONTROL ZONES. DO NOT MOVE SWITCHABLE CIRCUIT BREAKERS TO POSITIONS OTHER THAN THOSE SHOWN. IF PREWIRED CIRCUIT BREAKER CONFIGURATION ON JOBSITE DIFFERS FROM THAT SHOWN ON THIS DRAWING, NOTIFY THE EOR IMMEDIATELY FOR CLARIFICATION.
7. INTEGRATED FACILITY SWITCHBOARD IS FURNISHED BY CONTRACTOR AND INSTALLED BY ELECTRICAL CONTRACTOR. REFER TO SHEET VC1.0. CONTRACTOR SHALL CONFIRM EXTENT OF RESPONSIBILITY PRIOR TO BIDS. CONTRACTOR SHALL CONTACT ASO PREFERRED VENDORS I



2 TYPICAL EGRESS DOOR WIRING DIAGRAM

1/2" = 1'-0"

PER PROTOTYPE
AWAITING IT REDLINE INFORMATION

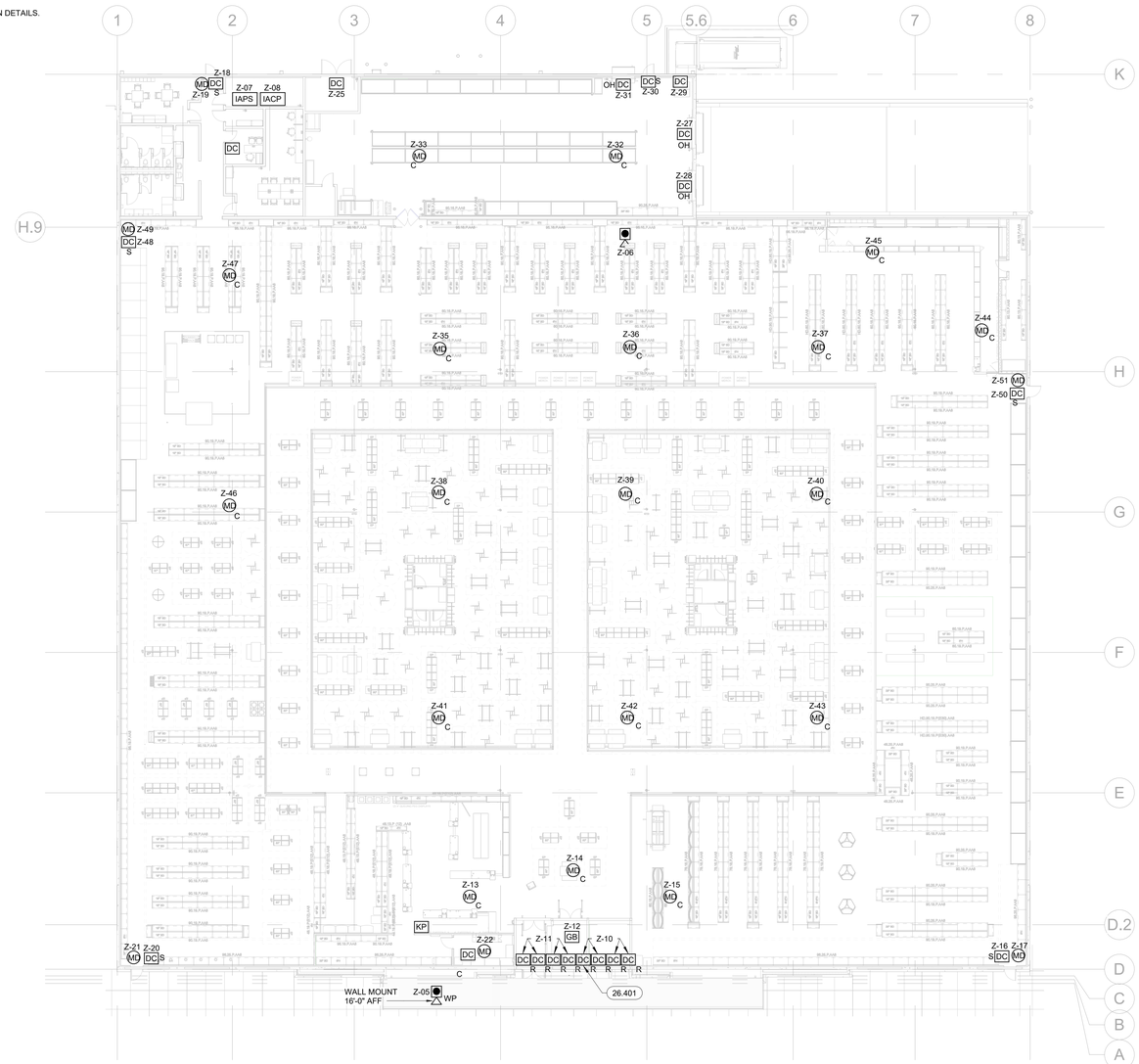
MATRIX INFORMATION:

TO BE PROVIDED BY GLOBAL AXIOM: ARMOURED CABLE POWER TRANSFER.

TO BE PROVIDED BY EC: ALL CONDUIT, ALL BACK BOXES, AS SHOWN IN DETAIL.

TO BE INSTALLED BY GLOBAL AXIOM: ARMOURED CABLE POWER TRANSFER, ALL CABLE ASSOCIATED WITH INTRUSION DETECTION HARDWARE AND FIRE ALARM SYSTEM INTERCONNECTION.

TO BE INSTALLED BY EC: ALL CONDUIT STUB-UPS AND BETWEEN BOXES AS NOTED IN DETAILS.



1 INTRUSION DETECTION SYSTEM PLAN

1/16" = 1'-0"

GENERAL PLAN NOTES

1. ALL EXPOSED SYSTEM CABLING AND BACK BOXES SHALL BE PAINTED TO MATCH THE STRUCTURE ABOVE. VERIFY COLOR WITH THE ARCHITECT.
2. REFER TO DEVICE MOUNTING HEIGHT DETAIL FOR TYPICAL DEVICE ROUGH-IN HEIGHTS.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. INTRUSION DETECTION SYSTEM ZONE NUMBERS ARE NOTED ADJACENT TO THE DEVICES WITH A Z-##.

ELECTRICAL KEYNOTES

26.401	ROUTE CABLE FOR DOOR MONITOR DEVICES THROUGH THE CONCRETE VOID IN TILT WALL.

INTRUSION DETECTION SYSTEM ZONES

ZONE No.	DESCRIPTION
05	FRONT SIREN TAMPER
06	REAR SIREN TAMPER
07	POWER SUPERVISION
08	PANEL TAMPER
10	ENTRY DOORS
11	EXIT DOORS
12	VESTIBULE GLASS BREAK
13	LEFT ENTRY 360 MOTION
14	CENTER ENTRY 360 MOTION
15	RIGHT ENTRY 360 MOTION
16	FRONT CORRIDOR FIRE EXIT
17	FRONT CORRIDOR FIRE EXIT MOTION
18	REAR CORRIDOR FIRE EXIT
19	REAR CORRIDOR FIRE EXIT MOTION
20	SEASONAL FIRE EXIT
21	SEASONAL FIRE EXIT MOTION
22	CASH COUNT 360 MOTION
23	SPARE
24	SPARE
25	RISER ROOM EXTERIOR DOOR
26	SPARE
27	RECEIVING DOCK - 1
28	RECEIVING DOCK - 2
29	TRASH COMPACTOR DOOR
30	RECEIVING MAN DOOR
31	RECEIVING OVERHEAD DOOR
32	RECEIVING 360 MOTION - 1
33	RECEIVING 360 MOTION - 2
34	ROOF HATCH
35	REAR LEFT SALES 360 MOTION
36	REAR CENTER SALES 360 MOTION
37	REAR RIGHT SALES 360 MOTION
38	CENTER LEFT SALES 360 MOTION
39	CENTER CENTER SALES 360 MOTION
40	CENTER RIGHT SALES 360 MOTION
41	FRONT LEFT SALES 360 MOTION
42	FRONT CENTER SALES 360 MOTION
43	FRONT RIGHT SALES 360 MOTION
44	FRONT GUN COUNTER 360 MOTION
45	REAR GUN COUNTER 360 MOTION
46	FRONT 360 MOTION
47	REAR 360 MOTION
48	LEFT REAR FIRE EXIT
49	LEFT REAR FIRE EXIT MOTION
50	RIGHT REAR FIRE EXT
51	RIGHT REAR FIRE EXIT MOTION
52	GUN VAULT. BRACKET MOUNTED 360 MOTION

INTRUSION SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
IACP	INTRUSION ALARM CONTROL PANEL	SEE PLANS
IAPS	INTRUSION ALARM POWER SUPPLY	SEE PLANS
GB	GLASS BREAK	AT TOP OF GLASS
DC	DOOR MONITOR CONTACTS	TOP OF DOOR
DC R	RECESSED DOOR MONITOR CONTACTS	TOP OF DOOR
DC S	DOOR MONITOR CONTACTS (SINGLE-POLE DOUBLE-THROW)	TOP OF DOOR
DC OH	OVERHEAD DOOR MONITOR CONTACTS	TOP OF DOOR
KP	KEY PAD	42" AFF
MD	WALL MOUNTED MOTION DETECTOR	84" AFF
MD C	CEILING 360° MOTION DETECTOR	CEILING
MD B	BRACKET MOUNTED 360° MOTION DETECTOR.	108" AFF. CENTERED OVER DOOR.
WALL SIREN	WALL SIREN	ON WALL AT BOTTOM OF JOIST
WALL SIREN WP	WEATHERPROOF WALL SIREN	ON WALL AT CEILING

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JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK	
11/06/2025	OWNER
11/21/2025	PERMIT

STATE OF ARKANSAS
DAVID A. TRETTER
LICENSED PROFESSIONAL ENGINEER
No. 20371
ANTHONY REGISTERED
01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

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INTRUSION DETECTION PLAN

SHEET: E4.0

ELECTRICAL KEYNOTES

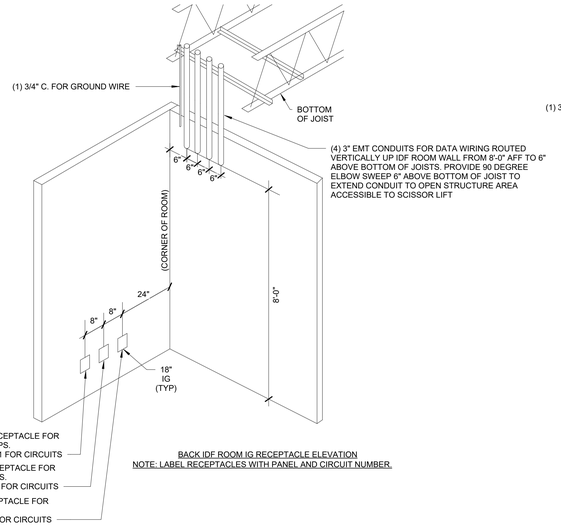
26.455	PROVIDE (2) 2-1/2" EMPTY CONDUITS FROM SALES CEILING TO ELECTRICAL ROOM FOR DATA CABLING. PROVIDE NYLON CONDUIT BUSHINGS ON EACH END OF CONDUIT. IN ELECTRICAL ROOM INSTALL CONDUITS FROM 8'-0" AFF ABOVE DEMARC PLYWOOD BACKBOARD TO ABOVE BOTTOM CHORD OF SALES CEILING JOIST.

VOICE/DATA ROUGH-IN SCHEDULE

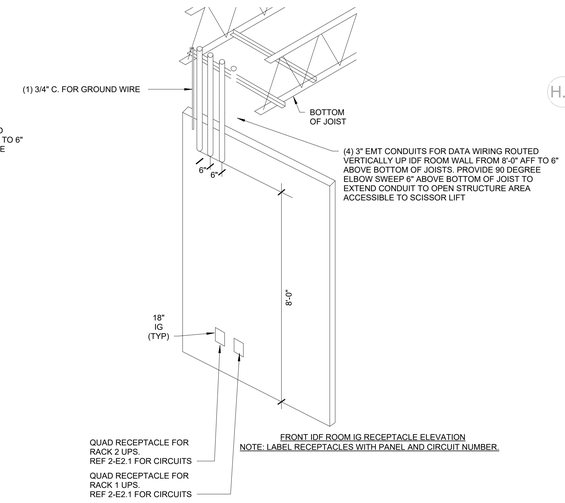
DROP	ROUGH-IN NOTES:
▽a	FLUSH MOUNT JUNCTION BOX AT 18" (UNO) WITH (1) 3/4" C. STUBBED-OUT ABOVE CEILING.
▽b	FLUSH MOUNT JUNCTION BOX 12" ABOVE HEIGHT OF LIGHTS (UNO) WITH (1) 3/4" C. STUBBED-OUT INTO SALES FLOOR ABOVE JOISTS.
▽c	FLUSH MOUNT JUNCTION BOX AT 62" (UNO) WITH (1) 3/4" C. STUBBED-OUT ABOVE CEILING SPACE. IF NO CEILING STUB-OUT AT 10'-0" AFF.
▽d	FLUSH MOUNT JUNCTION BOX NEXT TO LIGHT SWITCH WITH (1) 3/4" C. STUBBED-OUT ABOVE CEILING.
▽e	FLUSH MOUNT JUNCTION BOX 12" ABOVE TOP CORNER OF COMPACTOR DOOR ON LATCH SIDE WITH (1) 3/4" C. STUBBED-OUT ABOVE JOISTS.
▽f	FLUSH MOUNT JUNCTION BOX AT 18" (UNO) WITH (1) 3/4" C. STUBBED-OUT ABOVE JOISTS.
▽	FLUSH MOUNT JUNCTION BOX IN CEILING, CONDUIT STUBBED OUT IN SALES FLOOR ABOVE JOISTS.

SCHEDULE GENERAL NOTES:

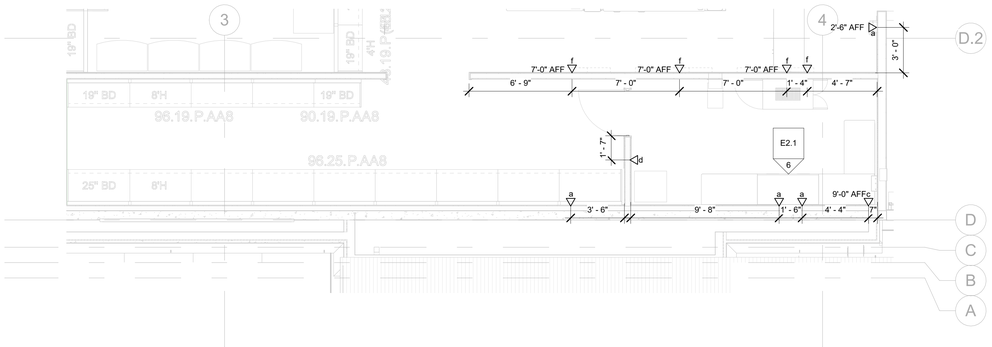
1. ALL JUNCTION BOXES SHALL BE 1-GANG, UNLESS NOTED OTHERWISE ON SCHEDULE.
2. ALL JUNCTION BOXES TO BE ROUGHED IN AT SCHEDULED HEIGHT, UNLESS NOTED OTHERWISE ON DRAWINGS.
3. ALL CONDUITS SHALL BE TERMINATED WITH BUSHINGS.
4. PROVIDE PULL STRING WITH EACH EMPTY RACEWAY (JUNCTION BOX/CONDUIT) INSTALLED.
5. CONDUIT RUNS SHALL HAVE NO MORE THAN 90 DEGREES OF TRANSITION BETWEEN PULL BOXES.
6. WHERE CONDUIT(S) TRAVERSE AREAS WITH CEILINGS OPEN TO STRUCTURE, CONDUIT(S) SHALL BE CONCEALED AS WELL AS POSSIBLE FROM VIEW FROM CUSTOMER AREA.
7. FOR CONDUIT RUNS SCHEDULED WITH 1-1/2" OR LARGER CONDUIT UTILIZE LARGE RADIUS SWEEPS AT POINTS OF TRANSITION. SCISSOR LIFT FOR AREAS OPEN TO STRUCTURE.
8. ACCESSIBLE CEILING SPACE SHALL BE CONSIDERED 12"ABOVE A LAY-IN CEILING OR ABOVE BAR JOIST ACCESSIBLE BY A SCISSOR LIFT FOR AREAS OPEN TO STRUCTURE.
9. WHEN CABLE TRAY IS NOT PROVIDED, STUB CONDUIT(S) TO TOP SIDE OF BOTTOM CHORD OF JOISTS AND EXTEND TO ACCESSIBLE CEILING SPACE ON SALES FLOOR.



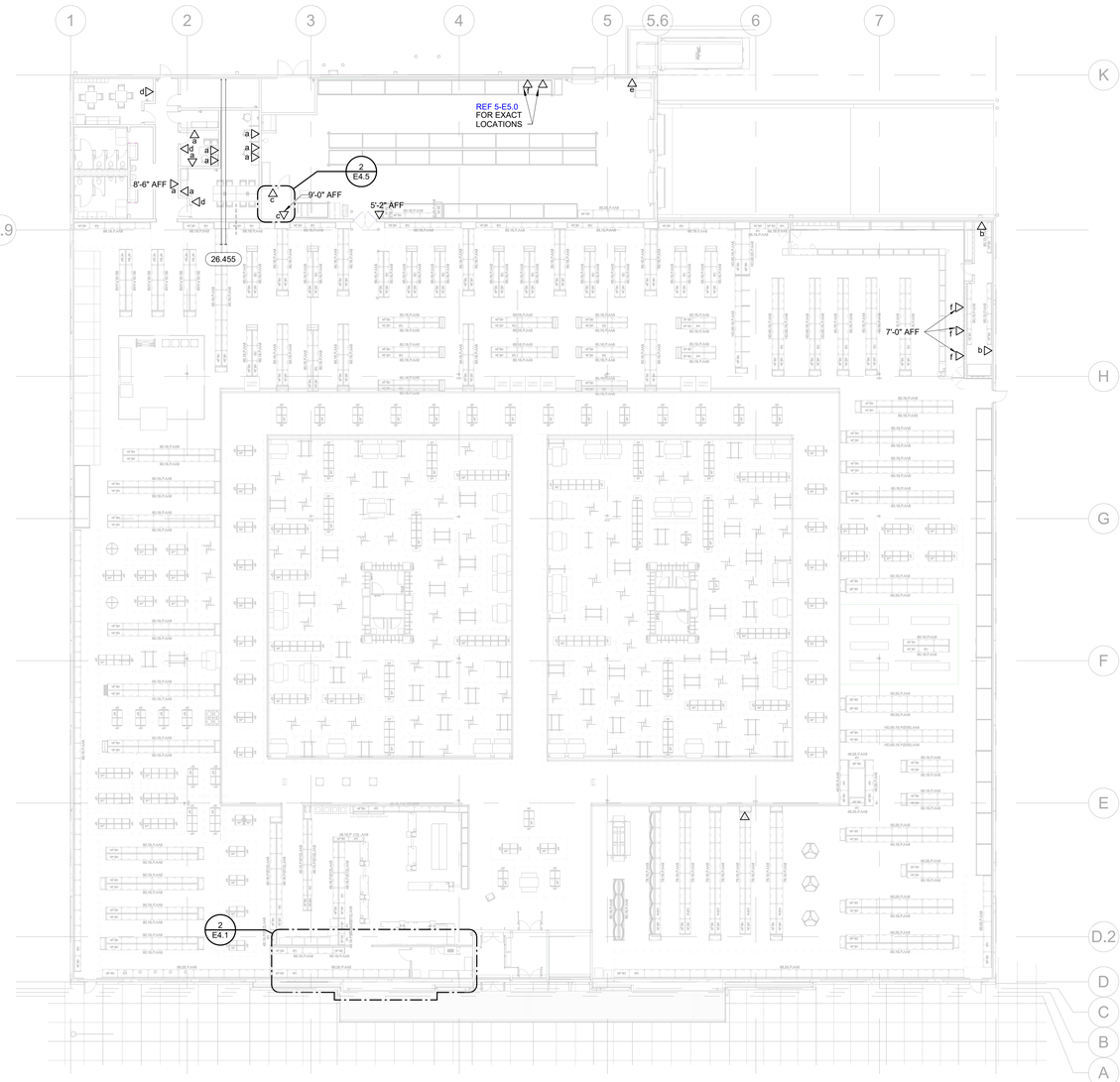
4 BACK IDF ROOM RECEPTACLE ELEVATION
NOT TO SCALE



3 FRONT IDF ROOM RECEPTACLE ELEVATION
NOT TO SCALE



2 CUSTOMER SERVICE/CASH ROOM DATA/VOICE PLAN
1/4" = 1'-0"



1 INFORMATION SYSTEMS PLAN
1/16" = 1'-0"

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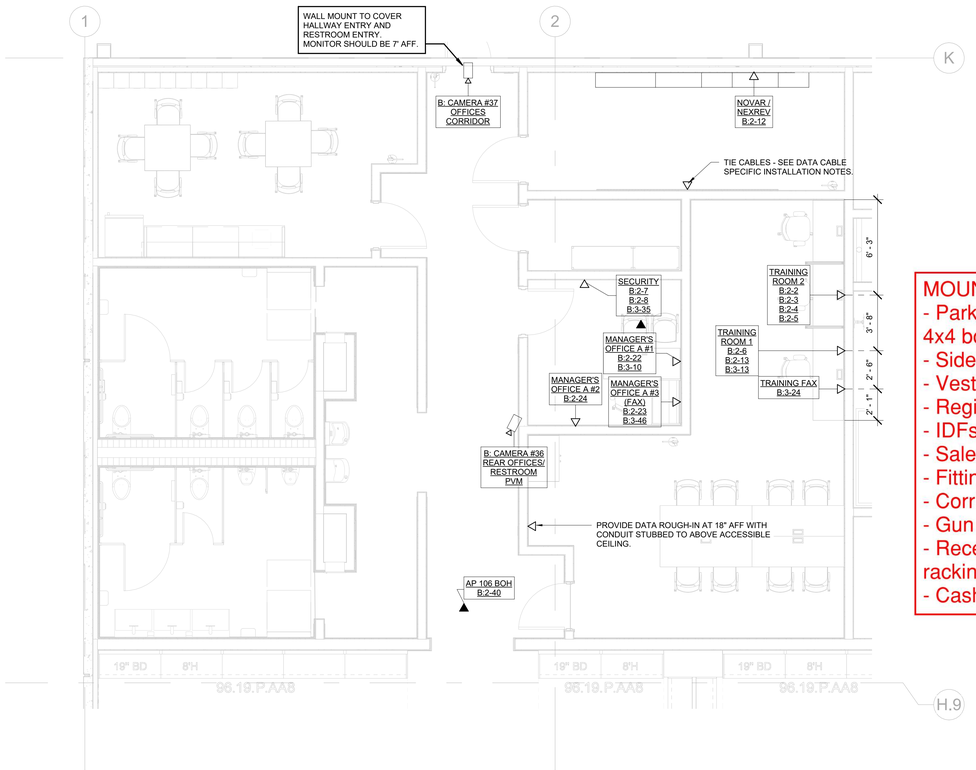
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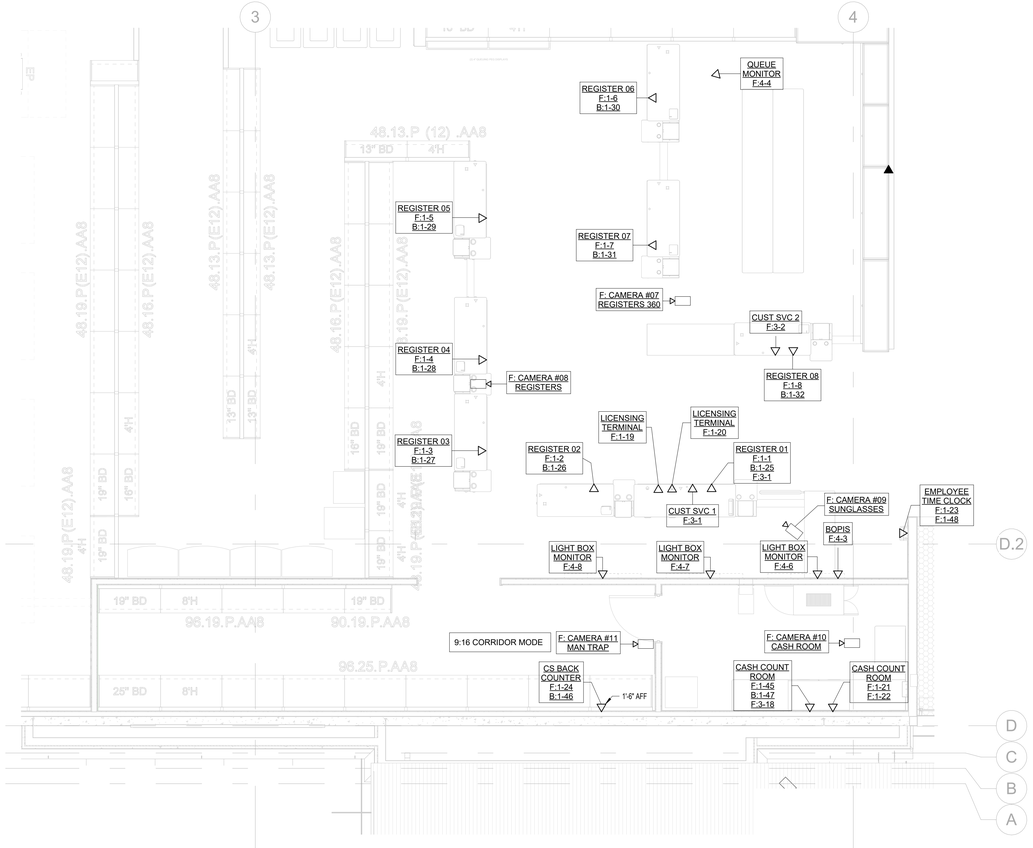
INFORMATION SYSTEMS PLAN

SHEET: E4.1



3 ENLARGED OFFICE AREA DATA/VOICE/CCTV PLAN

1/4" = 1'-0"



2 ENLARGED CUSTOMER SERVICE/CASH ROOM/CASH WRAP DATA/VOICE/CCTV PLAN

1/4" = 1'-0"

BACK IDF CAMERA SCHEDULE	
CAMERA #	LOCATION
B: CAMERA #14	TEAM SPORTS 3
B: CAMERA #18	HUNTING
B: CAMERA #23	MEN'S APPAREL REAR
B: CAMERA #25	WOMEN'S APPAREL REAR
B: CAMERA #27	FITNESS
B: CAMERA #28	FOOTWEAR RIGHT
B: CAMERA #29	FOOTWEAR CENTER
B: CAMERA #30	FOOTWEAR LEFT
B: CAMERA #31	FIREARM/AMMO #2
B: CAMERA #32	F&S COUNTER 2
B: CAMERA #33	GUN VAULT 1
B: CAMERA #34	RECEIVING 1
B: CAMERA #35	RECEIVING 2
B: CAMERA #36	REAR OFFICES/ RESTROOM PVM
B: CAMERA #37	OFFICES CORRIDOR
B: CAMERA #38	REAR IDF

FRONT IDF CAMERA SCHEDULE	
CAMERA #	LOCATION
F: CAMERA #01	FRONT PORCH
F: CAMERA #02	PARKING LEFT
F: CAMERA #03	PARKING RIGHT
F: CAMERA #04	ENTRY
F: CAMERA #05	EXIT
F: CAMERA #06	FRONT ENTRY OVERVIEW
F: CAMERA #07	REGISTERS 360
F: CAMERA #08	REGISTERS
F: CAMERA #09	SUNGLASSES
F: CAMERA #10	CASH ROOM
F: CAMERA #11	MAN TRAP
F: CAMERA #12	TEAM SPORTS 1
F: CAMERA #13	TEAM SPORTS 2
F: CAMERA #15	LICENSED APPAREL
F: CAMERA #15	WOMEN'S APPAREL FRONT
F: CAMERA #16	APPAREL AISLE #1
F: CAMERA #17	MEN'S APPAREL FRONT
F: CAMERA #18	FRONT
F: CAMERA #20	MARINE
F: CAMERA #21	CAMPING
F: CAMERA #22	MEN'S APPAREL PAD
F: CAMERA #24	APPAREL AISLE #2
F: CAMERA #26	WOMEN APPAREL PAD

BACK IDF DATA SCHEDULE	
DROP LOCATION	DROP NUMBER
PCT 1	B:2-25
PCT 2	B:2-26
PCT 3	B:2-27
PCT 4	B:2-28
PCT 5	B:2-29
PCT 6	B:2-30
PCT 7	B:2-31
PCT 8	B:2-32
AP 102 BK LEFT TRK	B:2-36
AP 103 BK RIGHT TRK	B:2-37
AP 105 OFFICE	B:2-39
AP 106 BOH	B:2-40
AP 107 RECEIVING	B:2-41
AP 108 GUN VAULT	B:2-42
AP 109 FOOTWEAR	B:2-43
AP 111 APPAREL AISLE	B:2-19
AP 112 SEASONAL	B:2-20
AP 113 FOH POS	F:4-9
AP 101 FRNT LEFT TRK	F:2-35
AP 104 FRNT RIGHT TRK	F:2-38
AP 110 HUNTING	F:2-45
AP 112 MARINE	F:2-19
NOMI 1	F:2-20
NOMI 2	F:2-21
ELO - FISHING	F:2-28
BBQ	F:3-19
LADIES APPAREL	F:3-4
MENS APPAREL	F:3-15
TEAM SPORTS	F:3-3
REGISTER 02	F:3-4
LADIES APPAREL	F:3-4
MENS APPAREL	F:3-15
CASH COUNT ROOM	F:3-16
MARINE	F:3-16
CS BACK COUNTER	F:3-18
BBQ	F:3-19
BOPIS	F:4-3
QUEUE MONITOR	F:4-4
TRAFFIC COUNTER	F:4-5
LIGHT BOX MONITOR	F:4-6
LIGHT BOX MONITOR	F:4-7
LIGHT BOX MONITOR	F:4-8
AP 113 FOH POS	F:4-9

BACK IDF DATA SCHEDULE	
DROP LOCATION	DROP NUMBER
REGISTER 01	B:1-25
REGISTER 02	B:1-26
REGISTER 03	B:1-30
REGISTER 04	B:1-31
REGISTER 05	B:1-32
REGISTER 06	B:1-33
REGISTER 07	B:1-34
REGISTER 08	B:1-35
REGISTER 09	B:1-36
REGISTER 10	B:1-37
CS BACK COUNTER	B:1-46
CASH COUNT ROOM	B:1-47
FIREARMS PC A	B:2-1
TRAINING ROOM 2	B:2-2
TRAINING ROOM 1	B:2-6
SECURITY	B:2-7
SECURITY	B:2-8
TRASH COMPACTOR	B:2-11
NOVAR / NEXREV	B:2-12
TRAINING ROOM 1	B:2-13
AP 106 FITNESS	B:2-18
AP 111 APPAREL AISLE	B:2-19
AP 112 SEASONAL	B:2-20
MANAGER'S OFFICE A #1	B:2-22
MANAGER'S OFFICE A #3 (FAX)	B:2-23
MANAGER'S OFFICE A #2	B:2-24

FRONT IDF DATA SCHEDULE	
DROP LOCATION	DROP NUMBER
REGISTER 01	F:1-1
REGISTER 02	F:1-2
REGISTER 03	F:1-3
REGISTER 04	F:1-4
REGISTER 05	F:1-5
REGISTER 06	F:1-6
REGISTER 07	F:1-7
REGISTER 08	F:1-8
REGISTER 09	F:1-13
LICENSING TERMINAL	F:1-19
LICENSING TERMINAL	F:1-20
CASH COUNT ROOM	F:1-22
EMPLOYEE TIME CLOCK	F:1-23
REEL BAR	F:1-25
CASH COUNT ROOM	F:1-45
EMPLOYEE TIME CLOCK	F:1-48
AP 112 MARINE	F:2-19
AP 112 MARINE	F:2-19
NOMI 1	F:2-20
NOMI 2	F:2-21
ELO - FISHING	F:2-28
AP 101 FRNT LEFT TRK	F:2-35
AP 104 FRNT RIGHT TRK	F:2-38
AP 110 HUNTING	F:2-45
CUST SVC 1	F:3-1
CUST SVC 2	F:3-2
REGISTER 01	F:3-3
TEAM SPORTS	F:3-3
REGISTER 02	F:3-4
LADIES APPAREL	F:3-4
MENS APPAREL	F:3-15
CASH COUNT ROOM	F:3-16
MARINE	F:3-16
CS BACK COUNTER	F:3-18
BBQ	F:3-19
BOPIS	F:4-3
QUEUE MONITOR	F:4-4
TRAFFIC COUNTER	F:4-5
LIGHT BOX MONITOR	F:4-6
LIGHT BOX MONITOR	F:4-7
LIGHT BOX MONITOR	F:4-8
AP 113 FOH POS	F:4-9

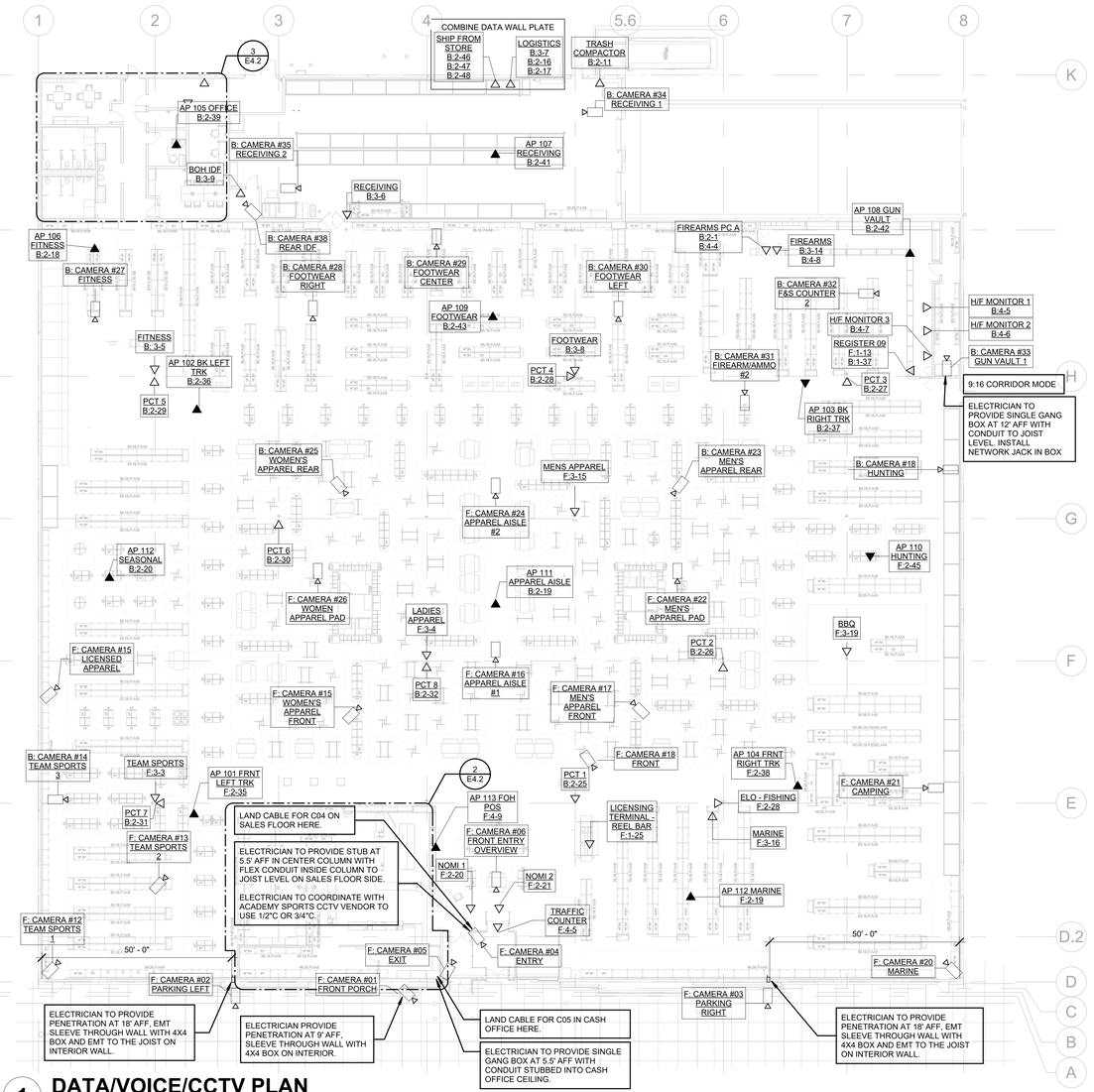
MOUNTING HEIGHT:
- Parking Lot: 18' AFF on exterior wall, penetration into sales floor with 4x4 box and EMT to the joist level
- Sidewalk: 9' AFF on exit side of door, penetration into cash office
- Vestibule: Flush mount to wall 5.5' AFF, install module in ceiling
- Registers: Pendant mount 12' AFF
- IDFs: Flush to wall 6" below grid/lighting
- Sales Floor: Pendant mount 15' AFF
- Fitting Room PVMs: Pendant mount 8'-3" AFF from bottom of monitor
- Corridor PVM: Wall mount at 7' AFF from bottom of monitor
- Gun Vault: Flush mount to wall 12' AFF
- Receiving/Backroom: Mount similar to light fixtures, if in front of bulk racking must flush mount to joist to avoid damage
- Cash Office/BOPIS: Flush mount to ceiling tile with toggle bolts

NOTE:

FOR ALL LOW VOLTAGE AND CCTV EQUIPMENT, CONTRACTOR TO COORDINATE WITH CCTV VENDOR AND ACADEMY SPORTS I.T. PERSONNEL FOR FINAL LOCATION AND DATA DROP VALUES OF LOW VOLTAGE EQUIPMENT. COORDINATE FINAL LOCATIONS PRIOR TO ROUGH-IN OF DATA DEVICES.

NOTE:

JUNCTION BOXES ARE SHOWN FOR REFERENCE. GC TO COORDINATE IN FIELD WITH ACADEMY SPORTS CCTV VENDOR FOR FINAL LOCATION. GC TO COORDINATE WITH ACADEMY SPORTS CCTV VENDOR FOR NECESSARY CONDUIT AND WIRING FOR RESPECTIVE LOW VOLTAGE EQUIPMENT REQUIREMENTS.



1 DATA/VOICE/CCTV PLAN

1/16" = 1'-0"

CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2505269 DOC DATE: 01/13/2026

ISSUE BLOCK	
11/06/2025	OWNER
11/21/2025	PERMIT

ARKANSAS LICENSED PROFESSIONAL ENGINEER No. 20371 DAVID A. TRETTER 01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

CHECKED BY:	ET
DRAWN BY:	MMS
DOCUMENT DATE:	01/13/2026
STORE #:	TBD
ISSUE:	BID

DATA/VOICE/CCTV PLAN

SHEET: E4.2

PARTS LIST - LOW VOLTAGE CABLING SUPPLIES
QUANTITIES MAY VARY
SUPPLIER - ANIXTER

ANIXTER PART #	MANUFACTURER PART #	MANUFACTURER	QTY	UOM	PRODUCT DESCRIPTION
164166	10250-712	CHATSWORTH PRODUCTS	3	EA	CABLE RUNWAY LADDER RACK
548891	S86T725PG8UVK	BOGEN	2	EA	SPEAKER CEILING GRILLE TRANSFORMER ASSEMBLY W/ VOL - BRIGHT WHITE
249445	11302-701	CHATSWORTH PRODUCTS	2	EA	JUNCTION SPLICE KIT FOR CABLE RUNWAY 1.5" X 0.375" BLACK
182845	11421-712	CHATSWORTH PRODUCTS	4	EA	CABLE RUNWAY SUPPORT KIT 12"W WALL ANGLE SUPPORT KIT BLACK
131772	10642-001	CHATSWORTH PRODUCTS	2	EA	RUBBER END CAPS
353023	15212-703	CHATSWORTH PRODUCTS	2	EA	ADJ-QUADRARACK 7'H X 19"W X 575MM TO 725MM D 45U BL-4POST
164393	10595-712	CHATSWORTH PRODUCTS	4	EA	RACK RUNWAY MOUNTING PLATE FOR 9" X 12" RUNWAY BLACK
167074	55053-703	CHATSWORTH PRODUCTS	4	EA	RACK RELAY 84"H X
171339	40074-700	CHATSWORTH PRODUCTS	8	EA	SHELF STANDARD SOLID 19"W X 15"D
174146	12076-703	CHATSWORTH PRODUCTS	8	EA	CABLE MGMT RACK SECT. VERT 84"H X 3.65"W X 12.75"D DBL SIDED BLK
201078	CWPP12WBL	PANDUIT	1	EA	12-PORT BLANK PANEL MINI-COM BLACK ROHS
212939	CJ5E88TOR	PANDUIT	130	EA	1-PORT MOD JACK IDC 8W8P UTP T568A/B CAT6 IP1 MINI-COM TX5E ORANGE ROHS
212941	CJ5E88TBU	PANDUIT	150	EA	1-PORT MOD JACK IDC 8W8P UTP T568A/B CAT6
217075	12 L BRKT	B-LINE	1	EA	FLEX TRAY (L) BRACKET 12"
235400	81-8R	ATLAS SOUND	9	EA	SPEAKER TILE BRIDGE
247794	CPPL246BLY	PANDUIT	2	EA	24-PORT BLANK PANEL W/ 4 SNAP-IN 6 POS FACEPLATES ACCEPTS 24 MINICOM MODS 1U
258212	AT10	ATLAS SOUND	6	EA	SPEAKER WALL VOLUME CONTROL
263801	12816-701	CHATSWORTH PRODUCTS	6	EA	CPI 12816-701 8-OUTLET POWER STRIP 19"-25" FLUSH RACKMOUNT
672524	6-557315-3	COMMSCOPE	1	EA	RJ45 -MOD PLUG 8 POS 8 CONT
AL-1802C-2-2S01-BX	AL-1802C-2-2S01-BX	ANIXTER	3	EA	18-2C STR BC FRPVC FOIL SHD 1000' BOXES
910890	CBXQ2IG-A	PANDUIT	15	EA	2-PORT SURFACE MOUNT UNLOADED ADHESIVE BACKED MINI-COM LIGHT GRAY ROHS
900308	CBXQ2WH-A	PANDUIT	70	EA	MINI-MOD WHITE ROHS 2-PORT SURFACE MNT UNLOADED ADHESIVE BA
223465	CFP4IG	PANDUIT	40	EA	4-PORT FLUSH MOUNT UNLOADED 1-GANG MINI-COM INT'L GRAY ROHS
212940	CJ5E88TRD	PANDUIT	50	EA	1-PORT MOD JACK IDC 8W8P UTP T568A/B CAT6 IP1 MINI-COM TX5 RED ROHS PANDUIT
334317	CJ688TGYL	PANDUIT	115	EA	1-PORT MOD JACK CAT6 YELLOW
266824	CMBIG-X	PANDUIT	7	PK	1-PORT BLACK INSERT MINI-COM LIGHT GRAY 10PK ROHS
11032072	CMP-00424LAN-6U-01	BERK-TEK	50	EA	BERTEK 11032072 24-4P UTP-CMP SOL BC CAT6 IP1 FEP/FRPVC GRAY JACKET BOXES LANMARK 350
221616	CMPHF1	PANDUIT	33	EA	1U D-RING WIRE MANAGER
247795	CPPL48M6BLY	PANDUIT	12	EA	48-PORT BLANK PANEL W/ 4 SNAP-IN 6-POS FACEPLATES
171351	JBX3510IG-A	PANDUIT	30	EA	RACEWAY JUNCTION BX 1-GANG FOR TYPE 1&C RACEWAY LIGHT GRAY ROHS
133647	LD5IG6-A	PANDUIT	7	EA	RACEWAY NONMETALIC SGL 6'L X 1.01"W X .60"H PAN WAY LD5 ADHESIVE LIGHT GRAY ROHS
209634	MP1P	ERICO CADDY	5	EA	MOUNTING PLATE 1-GANG BRACKET PLASTIC
433812	RAF5IG-E	PANDUIT	1	PK	RIGHT ANGLE FITTING FOR USE W/ LD5 RACEWAY IG 20PK
123495	RE84	BOGEN	46	EA	"BACKBOX FOR 8" CELLING SPEAKER
2410W-07	RJ45C5ENWT-07	JAR INDUSTRIES	15	EA	7'-0" GRAY CAT6 PATCH CORD
436160	S86T725PG8U	BOGEN	55	EA	8" CEILING SPEAKER
266825	CMBWH-X	PANDUIT	7	PK	1-PORT BLANK INSERT MINI-COM WHITE 10PK ROHS

PARTS LIST - FIBER CABLE SUPPLIES
SUPPLIER - CXTEC

CXTEC PART #	MANUFACTURER PART #	MANUFACTURER	QUANTITY	UOM	PRODUCT DESCRIPTION	COMMENTS
301581	CBX-HE-H01	CABLEXPRESS	2	EA	CABLEXPRESS H-SERIES 1U HD FIBER ENCLOSURE	
255572	CBX-HM-HHU24LCAZ	CABLEXPRESS	2	EA	CABLEXPRESS H-SERIES LOW DENSITY HORIZONTAL MODULE 24 FIBER (12 PORT) LC DUPLEX/2 MTP AQUA 10 GIG MULTIMODE	
288513	CBX-STA024APX-M00P-M00N-0418	CABLEXPRESS	1	EA	418FT CABLEXPRESS SKINNY-TRUNK 24 FIBER 50/125 MULTIMODE OM3 MTP/MTP ARMORED PLENUM TRUNK CABLE OFF WHITE JACKET	THIS ITEM IS CUSTOM AND NON-RETURNABLE. THE LEAD-TIME FOR THIS INITIAL TRUNK IS 4 - 5 WEEKS.
ZERO COST ITEM						
254059	CBX-HB-VH06	CABLEXPRESS	2	EA	CABLEXPRESS H-SERIES 10/6/1U BLANK PANEL	



1 **EXTINGUISHER WITH PHONE**
3/8" = 1'-0"



4 **EXTINGUISHER WITH ELO SHROUD**
3/8" = 1'-0"

IDF ARMORED FIBER CABLE INSTALLATION NOTES

1. ALL FIBER AND RELATED INSTALLATIONS SHOULD BE COMPLETED PER CODE. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL PERMITS AND INSPECTIONS.
2. ARMORED FIBER RUNS FROM FOH IDF TO BOH IDF. THE EXTRA FIBER (SERVICE LOOPS) SHOULD BE DIVIDED BETWEEN THE FOH AND BOH IDF LOCATIONS.
3. THE FIBER SERVICE LOOPS SHOULD BE LOCATED IN THE SALES FLOOR CEILING JUST OUTSIDE THE RESPECTIVE IDF ROOM. SERVICE LOOPS SHOULD BE WHEEL SHAPED AND AS LARGE AS THE CEILING TRUSS IS TALL, PLACED VERTICALLY, NEATLY AND SECURELY INSIDE THE TRUSS. SERVICE LOOPS SHOULD BE SECURED AT A MINIMUM OF (2) LOCATIONS.
4. THE FIBER ROUTE SHOULD FOLLOW BUILDING STEEL, NO CROSS SPANNING OPEN SPACES AND SHOULD BE SECURED PER CODE OR AT LEAST EVERY 6'-0" USING ZIP TIES. THERE SHOULD BE NO VISIBLE CABLE SAG. ZIP TIE TAILS SHOULD BE SMOOTH CUT.
5. THE FIBER SHOULD ROUTE ALONG AND ATTACH TO THE CEILING TRUSS 8" ABOVE THE BOTTOM ANGLE IRON.
6. THE FIBER ENTERS THE IDFS THROUGH CABLE CONDUIT "M" AND ROUTES ON LADDER RACK TO THE TOP OF RACK 2 WHERE THE FIBER ENCLOSURE IS LOCATED.
7. THE ARMORED FIBER ATTACHES TO THE FIBER ENCLOSURES USING THE KEYED CONNECTORS ON THE INSIDE OF ENCLOSURE.

IDF ARMORED FIBER CABLE PARTS

- ARMORED FIBER: CABLEXPRESS CBX-STA024APX-M00P-M00N-0418
- FIBER ENCLOSURES: CABLEXPRESS CBX-HE-H01

WIRELESS ACCESS POINT (AP) INSTALLATION NOTES

1. AP'S AND ASSOCIATED MOUNTS PROVIDED BY ACADEMY AND SHOULD BE ONSITE BY LV CABLE START DATE.
2. ALL AP'S AND RELATED INSTALLATIONS SHOULD BE COMPLETED PER APPLICABLE CODE. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL PERMITS AND INSPECTIONS.
3. APS SHOULD BE INSTALLED PER PLAN LOCATIONS.
4. EACH AP LOCATION IS ASSIGNED A SPECIFIC NUMBERED AP. EXAMPLE: AP 104 IS LOCATED IN FRONT RIGHT CORNER OF RACE TRACK.
5. OPEN CEILING: AP MOUNTING BRACKETS ARE TO BE MOUNTED ON PLEXIGLAS, THE PLEXIGLAS MOUNTS TO BOTTOM SIDE OF CEILING TRUSSES USING APPROPRIATELY SIZED TOGGLE BOLTS.
6. LAY-IN GRID CEILING: AP MOUNTING BRACKETS MOUNT DIRECTLY TO CEILING GRID
7. GUN ROOM: AP MOUNTING BRACKET TO BE MOUNTED ON PLEXIGLAS, THE PLEXIGLAS MOUNTS TO AN L BRACKET USING APPROPRIATE SIZED BOLTS. USING APPROPRIATE SIZED TOGGLE BOLTS, ATTACH THE L BRACKET TO GUN ROOM WALL AT HEIGHT OF THE LIGHTS NEXT TO THE ASSOCIATED CABLE TERMINATION.
8. AP DEVICES SNAP INTO THE MOUNTING BRACKET AND PATCH CABLE TO THE APPROPRIATE DATA NETWORK JACK USING APPROPRIATE LENGTH WHITE PATCH CABLE. THE CABLE ATTACHES TO THE ENET (ETHERNET) PORT. THE PATCH CABLE SHOULD BE NEATLY SECURED AND VISUALLY ACCEPTABLE.

WAP PARTS

- FLEX TRAY L BRACKET: B-LINE - FLEX TRAY, 12 L BRKT
- PLEXIGLAS
- ACCESS POINTS
- ACCESS POINT MOUNTS
- 7 FOOT WHITE PATCH CABLES: JAR, RJ45C5ENWT-07, 2410W-07

CCTV INSTALLATION NOTES

1. THERE IS A DEMARCATION LINE IN THE STORE WHICH DEPICTS WHICH CAMERA CABLE LOCATIONS ROUTE TO THE FOH IDF AND WHICH LOCATIONS ROUTE TO THE BOH IDF.
2. ALL CCTV CAMERA CABLES USE YELLOW JACKS ON BOTH ENDS OF CABLE (IDF AND CAMERA END), REGARDLESS OF WHICH IDF THEY ROUTE TO.
3. IDFS: ALL CCTV CAMERA CABLES ENTER THEIR RESPECTIVE IDF THROUGH CABLE CONDUIT L. THE CABLES TERMINATE IN RACK 2 IN THEIR RESPECTIVE IDFS IN PATCH PANELS LABELED CAMERA 1 AND CAMERA 2. CAMERA (CABLE) NUMBERS 1 - 48 TERMINATE IN THEIR RESPECTIVE NUMBERED SLOT IN THE CAMERA 1 PATCH PANEL. CAMERA (CABLE) NUMBERS 49 AND ABOVE TERMINATE BEGINNING IN SLOT 1 IN CAMERA 2 PATCH PANEL. THE LABELING ABOVE EACH CAMERA 2 SLOT SHOULD BE CHANGED TO REFLECT THE PROPER CAMERA (CABLE) NUMBER.
4. ALL CCTV TERMINATIONS IN OPEN CEILINGS SHOULD BE FLAGGED WITH A STREAMER TO ASSIST IN LOCATION. SUGGESTED STREAMER IS YELLOW PLASTIC CAUTION TAPE APPROXIMATELY 18" LONG. THE CCTV CAMERA HARDWARE INSTALLERS WILL REMOVE THE STREAMERS.
5. CEILING: CABLES TERMINATE INTO A WHITE BISCUIT BLOCK, UNLESS OTHERWISE NOTED. OPEN CEILING - THE WHITE BISCUIT BLOCK SHOULD BE SECUREDZIP TIED TO THE TOP SIDE OF THE BOTTOM ANGLE IRON OF THE TRUSS. LAY-IN GRID CEILING - THE BISCUIT BLOCK SHOULD BE SECURELY ATTACHED TO THE WALL AT CLOSEST POINT TO CAMERA LOCATION.
6. GUN ROOM CAMERAS: CABLES TERMINATE IN FACEPLATES ON RECESSED 1-GANG BOXES. EACH GANG BOX HAS A CONDUIT STUB-UP INTO CEILING.
7. IDF CAMERAS: CABLES ROUTE FROM NETWORK RACK OVER LADDER RACK TO WALL AND ROUTE AROUND WALL TO STUB-OUT CONDUIT. TERMINATE IN FACEPLATE ON 1-GANG BOX.
8. CASH ROOM, CUSTOMER SERVICE COUNTER AND BOH AREA: CABLES TERMINATE IN WHITE BISCUIT BLOCKS, ATTACHED TO THE WALL ABOVE THE CEILING AT CLOSEST POINT TO CAMERA LOCATION.
9. CAMERAS MOUNTED OUTSIDE BUILDING: CABLES TERMINATE IN WHITE BISCUIT BLOCKS ABOVE THE INTERIOR CEILING AS CLOSE TO OUTSIDE LOCATION AS POSSIBLE. THERE SHOULD BE A CONDUIT INSTALLED WHICH REPRESENTS THE PATCH CABLE PATH TO THE CAMERA.
10. FITTING ROOM CAMERA: CABLE TERMINATES IN A GRAY BISCUIT BLOCK LOCATED ON THE OUTSIDE WALL OF STALL 7 (LONG WALL WITHOUT THE DOOR), HORIZONTALLY ON THE SIDE OF THE WALLS TOP CAP, 18" FROM THE END WHERE BOTH INTERIOR WALLS MEET. THE HOME RUN CABLES SHOULD ROUTE ALONG THE TOP OF THE FITTING ROOM OUTSIDE WALL AND DROP DOWN INSIDE THE VERTICALLY POST ASSOCIATED WITH THE STALL 7 WALL. THE CABLE EXITS THE VERTICAL POST THROUGH A 1/2" HOLE (OR SMALLER) UNDERNEATH THE WALLS TOP CAP AND ROUTES UNDERNEATH AND EXITS THE TOP CAP AT 18" MEASUREMENT AND TERMINATES INTO THE BLOCK. THE BLOCK SHOULD COVER WHERE THE CABLE EXITS THE TOP CAP. THERE SHOULD BE LITTLE OR NO HOME RUN CABLE VISIBLE.
11. ALL BISCUIT BLOCKS AND FACEPLATES SHOULD BE LABELED WITH THE ASSOCIATED IDF AND THE CAMERA (CABLE) NUMBER. EXAMPLE: B:CAM 22.

CCTV PARTS

- WHITE TERMINATION (BISCUIT) BLOCKS: PANDUIT - CBXQ2WH-A
- WHITE BLANK INSERTS: PANDUIT - CMBWH-X
- GRAY TERMINATION (BISCUIT) BLOCK: PANDUIT - CBXJ2IG-A
- GRAY CAT6 CABLE: BERK-TEK - CMP- 10136230
- YELLOW TERMINATION JACK INSERTS: PANDUIT- CJ688TGYL
- GRAY FACE PLATE: PANDUIT - CFP4IG
- GRAY BLANK INSERTS: PANDUIT - CMBIG-X

PCT SCANNER INSTALLATION NOTES

END CAP INSTALLATIONS

1. PCT SCANNERS MOUNT ON FIXTURE END CAPS PER ASSOCIATED DIAGRAM.
2. SCANNERS CANNOT BE MOUNTED UNTIL END CAP FIXTURES HAVE BEEN PERMANENTLY INSTALLED INTO FINAL LOCATIONS AND EMPTY DATA CABLE CONDUITS INSTALLED AT THE END OF GONDOLA FIXTURE.
3. DATA CABLES CAN BE PULLED AND STAGED IN THE CEILING ABOVE LOCATIONS SHOWN IN PLANS UNTIL FIXTURES AND CABLE CONDUITS ARE READY.
4. MOUNTING BRACKETS INSTALL USING APPROPRIATE SIZED PAN HEAD BOLTS. FOR SAFETY, THE ROUND PAN HEAD OF BOLT FACES INSIDE THE END CAP. THE BRACKET SHOULD BE BOLTED AT (4) POINTS.
5. A 3/4" HOLE IS DRILLED THROUGH THE END CAP SIDE WALL. THE HOLE SHOULD ALIGN WITH THE LARGER ROUND HOLE IN THE SCANNER MOUNTING BRACKET. INSTALL 3/4" SNAP-IN PLASTIC BUSHING FROM INSIDE OF END CAP.
6. GRAY WIRE RACEWAY SHOULD BE ATTACHED ON THE INSIDE OF THE END CAP SIDE WALL FOR ROUTING AND SECURING THE PATCH CABLE.
7. (1) PIECE OF GRAY RACEWAY ATTACHES TO THE INSIDE OF END CAP SIDE WALL, FROM 3/4" CABLE HOLE HORIZONTALLY LEVEL TO BACK WALL OF END CAP. ANOTHER PIECE INSTALLS FROM END OF HORIZONTAL PIECE AT BACK WALL, VERTICALLY UP THE INSIDE OF SIDE WALL TO BOTTOM OF THE END CAP HEADER.
8. USE A STEP BIT TO DRILL A 3/4" HOLE IN BOTTOM SIDE OF HEADER WHERE THE VERTICAL PIECE OF RACEWAY WILL MEET. INSTALL 3/4" SNAP-IN PLASTIC BUSHING FROM BOTTOM SIDE OF HEADER.
9. THE JUNCTION POINT BETWEEN THE HORIZONTAL AND VERTICAL PIECE OF RACEWAY SHOULD BE COMPLETED WITH A GRAY RIGHT ANGLE ELBOW.
10. A LIGHT GRAY PATCH CABLE SHOULD BE ROUTED FROM THE MOUNTING BRACKET, THROUGH THE RACE WAY, UP INTO THE END CAP HEADER AND BE PATCHED INTO THE TERMINATION BOX LOCATED ON THE TOP, END OF THE GONDOLA. ALL EXCESS GRAY PATCH CABLE SHOULD BE NEATLY SECURED INSIDE THE TOP HEADER OF END CAP.
11. PLUG THE GRAY PATCH CABLE INTO BACK OF PCT SCANNER AND SLIDE SCANNER ONTO THE MOUNTING BRACKET.

COLUMN INSTALLATIONS

1. MOUNTING BRACKET ATTACHES DIRECTLY TO THE SUPPORT COLUMN AT THE SCANNER LOCATION SHOWN IN PLANS. THE BRACKET SHOULD BE SECURED AT (4) POINTS.
2. THE TOP SCREWS SHOULD ATTACH AT 57" AFF.
3. USE A LIGHT GRAY PATCH CABLE TO PATCH THE PCT SCANNER TO THE GRAY TERMINATION BLOCK LOCATED AT SAME LOCATION ON COLUMN. EXCESS CABLE SHOULD BE NEATLY SECURED INSIDE THE SCANNER BRACKET.
4. PLUG THE GRAY PATCH CABLE INTO BACK OF PCT SCANNER AND SLIDE SCANNER ONTO THE MOUNTING BRACKET.

PCT SCANNER PARTS

- PCT SCANNER DEVICE
- PCT SCANNER MOUNTING BRACKET
- GRAY LD 5 WIRE RACEWAY: LD5IG6-A
- GRAY RIGHT ANGLE ELBOW: RAF5IG-E
- LIGHT GRAY 10 FOOT PATCH CABLE: JAR-2410T-10
- GRAY TERMINATION (BISCUIT) BLOCK : PANDUIT CBXQ2IG-A
- 3/4" SNAP-IN PLASTIC BUSHINGS.

DATA CABLE SPECIFIC LOCATION INSTALLATION NOTES

1. ALL HOLES DRILLED IN SUPPORT COLUMNS SHOULD BE NO LARGER THAN 1/2" DIAMETER. HOLES SHALL HAVE 1/2" SNAP-IN PLASTIC BUSHING.
2. DATA 3- XX (COLUMN INSTALLATIONS): CABLE ENTER THE TOP OF COLUMN WHERE IT LEAVES THE SUPPORT TRUSS. DRILL A HOLE NO LARGER THAN 1/2" DIAMETER TO FEED CABLE DOWN INSIDE THE COLUMN. DRILL ANOTHER HOLE NO LARGER THAN 1/2" DIAMETER AT 62" AFF AND CENTERED ON COLUMN LEFT TO RIGHT TO FISH OUT THE CABLE. TERMINATE CABLE WITH A MALE RJ-45 CONNECTOR. LEAVE MINIMUM 2'-0" TAIL OUTSIDE COLUMN.
3. DATA 3-XX - RECEIVING, DRESSING ROOM AND IDF ROOM PHONES (WALL INSTALLATIONS): TERMINATE CABLE WITH AN MALE RJ-45 CONNECTOR. BE SURE THERE IS AT LEAST A 9" TAIL AVAILABLE OUTSIDE THE WALL BOX. THERE SHOULD BE A CONDUIT STUB-UP TO ROUTE CABLE TO THE BOX.
4. DATA 2-XX - PCT SCANNER (COLUMN INSTALLATION): CABLE ENTERS THE TOP OF COLUMN WHERE IT LEAVES THE SUPPORT TRUSS. DRILL A HOLE NO LARGER THAN 1/2" DIAMETER TO FEED CABLE DOWN INSIDE THE COLUMN. DRILL ANOTHER HOLE NO LARGER THAN 1/2" DIAMETER, JUST OFF THE BOTTOM SIDE OF THE WALL MOUNT TO FISH CABLE. THE HOLE SHOULD BE HIDDEN BY MOUNTING BRACKET LOCATION AND APPROXIMATELY 54" AFF. THE HOLE SHOULD BE JUST BIG ENOUGH TO FISH OUT THE CABLE. TERMINATE CABLE INTO A GRAY BISCUIT BLOCK. THE BLOCK SHOULD ATTACH HORIZONTALLY JUST OFF THE BOTTOM OF THE INSTALLED SCANNER.
5. DATA 2-XX - PCT SCANNERS (GONDOLA ENDCAP INSTALLATION): AT PCT SCANNER CAD LOCATIONS, CABLES ROUTE THROUGH CONDUIT INSTALLED FROM THE CEILING TO TOP OF GONDOLA FIXTURE INTO A 1-GANG BOX. CABLE TERMINATES IN A GRAY FACEPLATE USING APPROPRIATE COLORED JACK. THE GANG BOX SHOULD BE SECURED ON TOP CENTER OF GONDOLA FIXTURE AT END CAP.
6. DATA 2-12 - NEX REV (ELECTRICAL ROOM): CABLE ROUTES TO NEXT REV ELECTRICAL PANEL BOX THROUGH A CONDUIT STUB-OUT ABOVE THE BOH HALLWAY CEILING. CABLES TERMINATE ON A GRAY BISCUIT BLOCK ATTACHED TO THE WALL ABOVE THE CEILING.
7. TIE CABLES (DEMARC - IDFS): DEMARC - INSTALL A 12-PORT MINI PATCH PANEL ON THE TELECOM PLYWOOD BACK BOARD. THE PATCH PANEL SHOULD BE INSTALLED HORIZONTALLY ON THE INSIDE EDGE OF PLYWOOD ROUGHLY 5'-0" ABOVE THE FLOOR. INSTALL (12) TIE CABLES FROM THE DEMARC TO THE BOH IDF. THESE TERMINATE IN RESPECTIVE SLOTS 1-12 IN THE RACK 1 TIE PATCH PANEL. IDF'S - INSTALL (12) TIE CABLES FROM THE BOH IDF, RACK 1 TIE PATCH PANEL SLOTS 13 - 24 TO THE FOH IDF, RACK 1 TIE PATCH PANEL SLOTS 13 - 24. TIE CABLES ROUTE TO AND FROM IDF TO CEILING THRU 3" CABLE CONDUIT (K), REF 1-E4.5 & 2-E4.5. ALL TIE CABLE TERMINATIONS USE RED JACKS (INSERTS).
8. QUEUE MONITOR - CABLE F: 4-4 - CABLE TERMINATES IN A WHITE BISCUIT BLOCK WHICH SHOULD BE SECURED/ZIP TIED TO THE TOP SIDE OF BOTTOM CHORD ANGLE IRON OF CEILING JOIST AT DESIGNATED LOCATION.

DATA CABLING PARTS

- RJ-45 CONNECTORS: COMMSCOPE - 6-557315-3
- GRAY TERMINATION (BISCUIT) BLOCK: PANDUIT - CBXQ2IG-A
- 12 PORT MINI PATCH PANEL: PANDUIT - CWPP12WBL
- 1/2" STRAP IN PLASTIC BUSHINGS
- GRAY FACEPLATE : PANDUIT - CFP4IG
- GRAY BLANK INSERTS : PANDUIT - CMBIG-X
- WHITE TERMINATION (BISCUIT) BLOCK: PANDUIT - CBXQ2WH-A
- WHITE BLANK INSERTS: PANDUIT - CMBWH-X

DATA CABLE INSTALLATION NOTES

1. WARRANTY: ALL WORK PREFORMED BY AND ALL MATERIALS SUPPLIED BY THE LOW VOLTAGE CONTRACTOR SHALL BE WARRANTED FOR A MINIMUM OF (1) YEAR FROM DATE OF SUBSTANTIAL COMPLETION OR LONGER IF BY CONTRACTUAL AGREEMENT.
2. CLOSE OUT DISK: A COMPACT DISK (CD) SHALL BE PROVIDED TO ACADEMY NO LATER THEN (2) WEEKS FROM PROJECT COMPLETION. THE CD SHALL CONTAIN ALL CABLE TEST RESULTS AND PICTURES. PICTURES SHOULD CONSIST OF FRONT AND BACK OF ALL IDF RACKS AND EXAMPLES OF ALL STATION AND TERMINATIONS.
3. ALL DATA CABLE INSTALLATIONS SHOULD BE COMPLETED PER APPLICABLE CODE. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL PERMITS AND INSPECTIONS.
4. DATA CABLING CONSISTS OF ALL GRAY CAT6 CABLING USED FOR DATA, VOICE, AND CCTV DEVICES.
5. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL TOOLS AND CONSUMABLES. EXAMPLE: SCISSOR LIFTS, LADDERS, HAND AND POWER TOOLS, MISCELLANEOUS NUTS AND BOLTS, TIE WRAPS, PULL STRINGS, LABELING, ETC.
6. THERE IS ADDITIONAL DOCUMENTATION WHICH COVERS SPECIFIC INSTALLATIONS WITHIN THE STORE IN ADDITION TO IDF LAYOUT, RACK LAYOUTS, FIBER INSTALLATION, AP INSTALLATION, SPEAKER INSTALLATION, PCT SCANNER INSTALLATION, CCTV CAMERA CABLE INSTALLATION.
7. ALL CABLING SHOULD ROUTE ON BUILDING STEEL AND/OR OTHER APPROPRIATE SUPPORTS. CABLING SHOULD NOT CROSS SPAN THROUGH OPEN SPACES.
8. ALL CABLING SHOULD BE SECURED WITH ZIP TIES PER CODE OR AT LEAST EVERY 6'-0". THERE SHOULD BE NO VISIBLE CABLE SAG. ZIP TIE TAILS SHOULD BE SMOOTH CUT.
9. THERE IS A DEMARCATION LINE IN THE STORE WHICH DEPICTS WHICH AREA OF THE STORE CABLES TO THE FOH IDF AND WHICH AREA CABLES TO THE BOH IDF. CABLE NUMBERS WILL BE PROCEEDED WITH A "B" FOR BOH AND "F" FOR FOH.
10. ONLY SELECT FOH DATA CABLES CROSS THE DEMARCATION LINE TO THE BOH IDF. THESE FOH CABLES NUMBERS WILL BE PRECEDED ON THE PRINTS WITH A "B".
11. ALL DATA CABLES THAT ROUTE TO FOH IDF USE ORANGE JACKS (INSERTS), EXCEPT FOR CCTV.
12. ALL DATA CABLES THAT ROUTE TO BOH IDF USE BLUE JACKS (INSERTS), EXCEPT FOR CCTV.
13. ALL CCTV CABLES USE YELLOW JACKS (INSERTS) REGARDLESS OF WHICH IDF ROOM THE CABLE ROUTES TO.
14. ALL TIE CABLES USE RED JACKS (INSERTS).
15. DATA 1 - XX, DATA 2 - XX AND DATA 4 -XX ARE TYPICALLY USED FOR NETWORK DEVICES. DATA 3 - XX ARE TYPICALLY USED FOR VOICE DEVICES.
16. ALL DATA 1, DATA 2 AND DATA 4 CABLES ENTER THEIR RESPECTIVE IDF THROUGH CABLE CONDUIT J.
17. ALL DATA 3 AND TIE CABLES ENTER THEIR RESPECTIVE IDF THROUGH CABLE CONDUIT K.
18. ALL CCTV CAMERA CABLE ENTER THEIR RESPECTIVE IDF THROUGH CABLE CONDUIT L.
19. ALL 1 - XX DATA CABLES ROUTE TO DATA 1 PATCH PANEL IN RESPECTIVE IDF. ALL 2 - XX DATA CABLES ROUTE TO DATA 2 PATCH PANEL IN RESPECTIVE IDF. SAME FOR 3 - XX, 4 - XX.
20. ALL CAMERA NUMBER LOCATIONS ROUTE TO THE APPLICABLE CAMERA PATCH PANEL IN RESPECTIVE IDF.
21. ALL DATA CABLES SHOULD REMAIN BUNDLED FROM WHERE THEY EXIT THE CABLE CONDUIT INSIDE THE IDF, ACROSS LADDER RACKS, UNTIL THEY ARRIVE AT THEIR DESTINATION RACK.
22. ALL FACEPLATES AND TERMINATION (BISCUIT) BLOCKS SHOULD BE LABELED WITH THE ASSOCIATED IDF AND CABLE NUMBER. EXAMPLE: B:2-11, F:3-3, F:CAM 12.
23. ALL DATA CABLES SHOULD BE LABELED WITH THE CABLE NUMBER ON THE CABLE ITSELF APPROXIMATELY 4" FROM THE TERMINATION POINT. EXAMPLE: B:2-11, F:3-3, F:CAM 12.
24. ALL DATA CABLES THAT TERMINATE ON STRUCTURAL WALL TERMINATE IN A GRAY FACEPLATE MOUNTED ON A RECESSED 1-GANG BOX. THE BOX SHOULD HAVE A CONDUIT STUB-UP INTO THE CEILING.
25. ALL DATA CABLES THAT TERMINATE IN THE CEILING TERMINATE IN WHITE TERMINATION (BISCUIT) BLOCKS.
26. ALL DATA CABLES THAT TERMINATE ON FIXTURES TERMINATE IN PREINSTALLED 1-GANG BOX.
27. ALL DATA CABLES THAT TERMINATE IN STANDALONE MILLWORK TERMINATE IN A GRAY FACEPLATE MOUNTED ON A 1-GANG BOX. (CASH WRAPS, CUSTOMER SERVICE FRONT COUNTER, HUNT/FISH COUNTER, REEL BAR, ELECTRONIC/SUNGLASS COUNTER, ETC.)
28. CASH WRAP DATA CABLES ROUTE DOWN A SINGLE POWER POLE TO EACH CASH WRAP SET. FROM THERE THE CABLES ROUTE UNDERNEATH TO EACH RESPECTIVE STATION WITHIN THE SET.
29. CUSTOMER SERVICE FRONT COUNTER DATA CABLES ROUTE DOWN A SINGLE POWER POLE ASSOCIATED WITH THE RESPECTIVE LOCATION.
30. HUNTING/FISHING COUNTER DATA CABLES ROUTE DOWN A SINGLE POWER POLE TO UNDERNEATH THE CABINETS. THE CABLES ROUTE UNDERNEATH TO RESPECTIVE TERMINATION LOCATIONS.
31. ELECTRONIC/SUNGLASS COUNTER DATA CABLES ROUTE DOWN A SINGLE POWER POLE LOCATED ON THE ISLAND.
32. REEL BAR COUNTER DATA CABLE ROUTES DOWN A SINGLE POWER POLE TO INSIDE THE COUNTER.
33. AT EACH STATION END LOCATION (NOT IDF), THERE SHOULD BE AN APPROXIMATE 10'-0" SERVICE LOOP, WHEEL SHAPED, APPROXIMATELY 1'-0" IN DIAMETER, PLACED VERTICALLY, NEATLY AND SECURED INSIDE THE TRUSS IN AN OPEN CEILING AND IF NECESSARY ON APPROPRIATE SUPPORTS ABOVE A LAY-IN GRID CEILING. ALL SERVICE LOOPS SHOULD BE SECURED IN AT LEAST TWO LOCATIONS.

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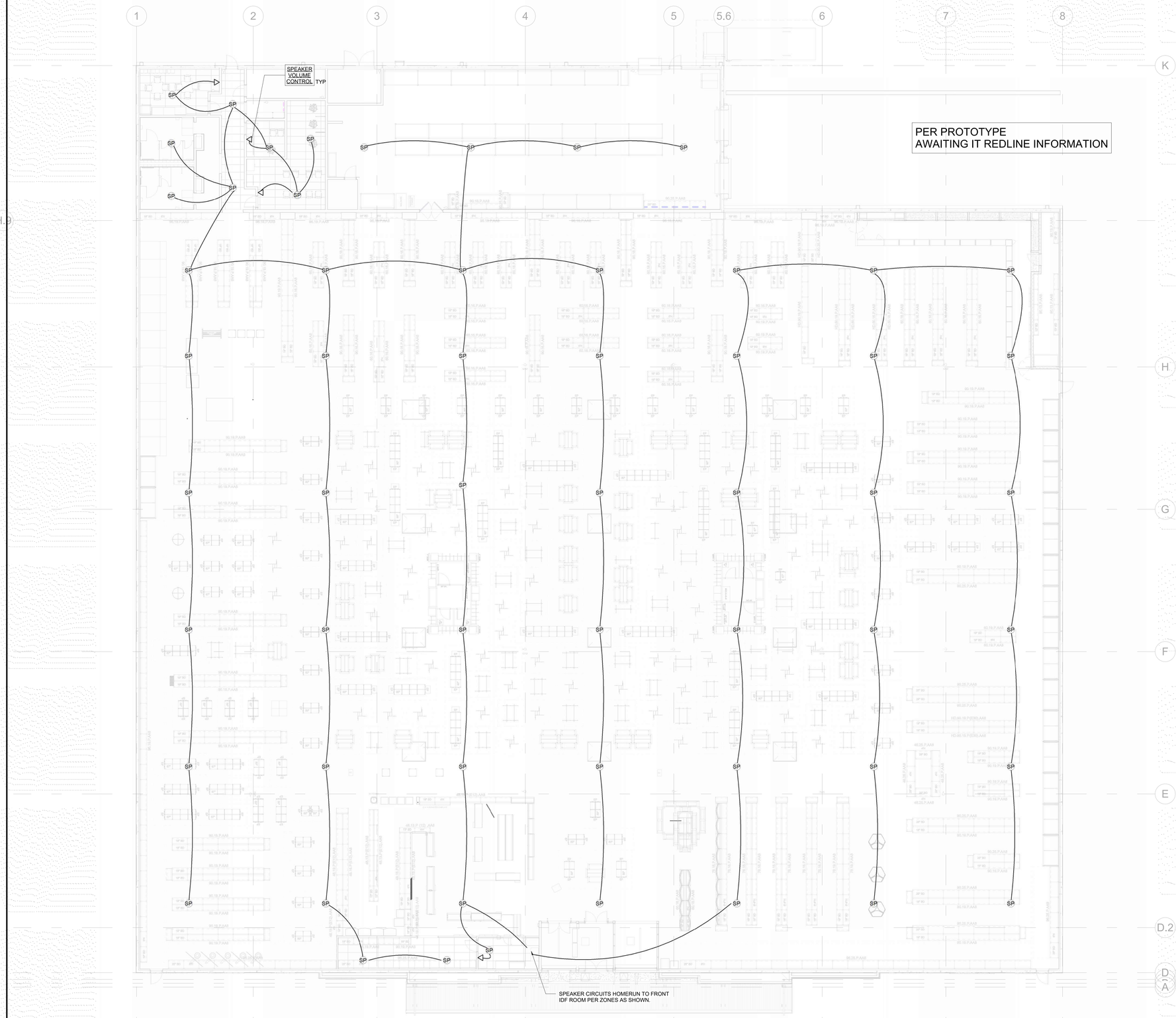
STATE OF ARKANSAS
DAVID A. TRETTER
LICENSED PROFESSIONAL ENGINEER
No. 20371
DAVID ANTHONY TRETTER
01/13/2026

Professional of Record:
DAVID A. TRETTER
License No.: 20371
Exp. Date: 12/31/27

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

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DATA/VOIC



PER PROTOTYPE
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SPEAKER INSTALLATION NOTES

1. ALL SPEAKER AND RELATED INSTALLATIONS SHOULD BE COMPLETED PER CODE. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL PERMITS AND INSPECTIONS.
2. THE SPEAKER FLOOR PLAN DRAWING ASSOCIATED WITH THIS SHEET IS AN EXAMPLE OF A TYPICAL STORE. ANY STORE COULD BE DIFFERENT DEPENDING ON THE SIZE OF SALES FLOOR, LENGTH OF BOH HALLWAY AND THE SIZE AND LOCATION OF THE RECEIVING AREA AND BOH OFFICES.
3. SALES FLOOR AND RECEIVING SPEAKERS INSTALL APPROXIMATELY 36'-0" APART AND APPROXIMATELY 18'-0" FROM SIDE WALLS.
4. OPEN CEILING SPEAKERS SHOULD BE LAID OUT SO THEY INSTALL IN UNIFORM LINES ON CEILING TRUSS.
5. NO SPEAKERS TO BE INSTALLED BELOW SKYLIGHTS.
6. LAY-IN GRID CEILING SPEAKERS IN ALL ROOMS AND OFFICES SHOULD BE CENTERED IN CEILING WHERE POSSIBLE.
7. ALL OPEN CEILING SPEAKERS INSTALL ON SPEAKER CANS (BACK BOX) WHICH ATTACH TO THE BOTTOM SIDE OF CEILING TRUSSES USING APPROPRIATE SIZED TOGGLE BOLTS.
8. ALL LAY-IN GRID CEILING SPEAKERS INSTALL ON TILE BRIDGES.
9. ALL SPEAKER WIRE SHOULD ROUTE ALONG BUILDING STEEL AND/OR APPROPRIATE SUPPORTS, NO CROSS SPANNING OPEN SPACES AND SHOULD BE SECURED PER CODE OR AT LEAST EVERY 6'-0" USING ZIP TIES. THERE SHOULD BE NO VISIBLE CABLE SAG. ZIP TIE TAILS SHOULD BE CUT OFF SMOOTH.
10. ALL SPEAKERS INSTALL INTO (2) SEPARATE ZONES, ONE ZONE ON EACH SIDE OF THE STORE. EACH ZONE HAS A SPEAKER HOME RUN CABLE INTO THE FOH IDF. EACH ZONE WILL HAVE SEVERAL ROWS OF SPEAKERS RUNNING FROM FRONT TO BACK OF STORE, THE ROWS WITHIN A ZONE SHOULD BE TIED TOGETHER ALONG THE BACK OF SALES FLOOR.
11. SPEAKERS IN THE BOH OFFICES AND ROOMS, RECEIVING AREA AND FOH OFFICE AND ROOMS SHOULD TIE INTO THE CLOSEST ZONE.
12. THE TWO SPEAKER WIRE HOME RUNS SHOULD ROUTE DOWN CONDUIT "K" IN FOH IDF. BOTH WIRES SHOULD ROUTE TO RACK 1 ON LADDER RACKS WITH ENOUGH LENGTH TO REACH THE FLOOR AND THEN BACK TO TOP OF RACK.
13. ALL SPEAKER WIRE CONNECTIONS SHOULD USE APPROPRIATELY SIZED WIRE NUTS.
14. THERE SHOULD BE A TOTAL OF APPROXIMATELY 2'-0" OF EXTRA SPEAKER WIRE (SERVICE LOOP) LOCATED AT EACH SPEAKER OR INSIDE EACH SPEAKER CAN.
15. BOH HALLWAY TYPICALLY RECEIVES (2) SPEAKERS. ANY STORE COULD BE DIFFERENT DEPENDING ON LENGTH AND SHAPE OF HALLWAY. SPEAKERS INSTALL APPROXIMATELY 18'-0" APART AND APPROXIMATELY 9'-0" FROM ENDS OF HALLWAY. TYPICALLY ONE IN FRONT OF RESTROOMS AND THE OTHERS EVENLY SPACED.
16. ALL OFFICES, BREAK ROOM, TRAINING ROOM, CASH ROOM, CUSTOMER SERVICE COUNTER RECEIVE 1 SPEAKER EACH.
17. SPEAKER SYSTEM IS 70V.
18. SALES FLOOR, BREAK ROOM, RESTROOMS, RECEIVING (EXCEPT SPEAKER CLOSEST TO BAY DOORS) SPEAKERS TAP AT 2 WATTS.
19. RECEIVING SPEAKER CLOSEST TO TRAILER BAY DOORS TAP AT 4 WATTS.
20. ALL OFFICES, CONFERENCE ROOMS, BOH HALLWAY, TRAINING ROOM, CUSTOMER SERVICE SPEAKERS TAP AT 1 WATT.
21. ALL UNUSED SPEAKER TAP WIRES SHOULD BE APPROPRIATELY TRIMMED AND CAPPED TO PREVENT ANY SHORT CIRCUITING.
22. CASH COUNT ROOM, ALL OFFICES, CONFERENCE ROOMS, TRAINING ROOM, BREAK ROOM HAVE WALL MOUNTED VOLUME CONTROLS WHICH INSTALL INTO RECESSED 1-GANG BOXES WITH CONDUIT STUBS UPS. THE BOXES ARE TYPICALLY LOCATED NEXT TO THE LIGHT SWITCH.
23. REST ROOM SPEAKERS INSTALL DIRECT INTO SHEET ROCK CEILING. THESE SPEAKERS HAVE THE VOLUME CONTROL BUILT INTO THE SPEAKER.

PARTS

- SPEAKERS: BOGEN COMMUNICATIONS - S86T725PG8U
- RESTROOM SPEAKERS: BOGEN COMMUNICATIONS - S86T725PG8UVK
- SPEAKER BACK BOX (CANS): BOGEN COMMUNICATIONS - RE84
- TILE BRIDGE: ATLAS SOUND - 81-8R
- WALL MOUNT VOLUME CONTROL: ATLAS SOUND - AT10
- SPEAKER WIRE: ANIXTER - AL-1802C-2-2S-01-BX

1 **SPEAKER PLAN**
3/32" = 1'-0"

REF /

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SPEAKER PLAN

SHEET: E4.4

2 POST RACK, 45U, CPI 55053-703

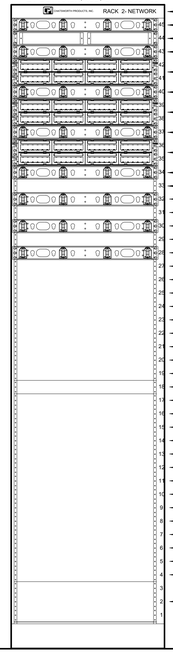


45	1U D-RING WIRE MANAGER - CMPHF-1
44	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
43	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 1
42	1U D-RING WIRE MANAGER - CMPHF-1
41	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
40	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 2
39	1U D-RING WIRE MANAGER - CMPHF-1
38	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
37	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 4
36	1U D-RING WIRE MANAGER - CMPHF-1
35	1U PANDUIT 24 PORT PATCH PANEL - CPPL24M6BLY-LABELED: DEMARC - BOH TIES
34	1U D-RING WIRE MANAGER - CMPHF-1
33	OPEN
32	OPEN
31	1U D-RING WIRE MANAGER - CMPHF-1
30	OPEN
29	OPEN
28	1U D-RING WIRE MANAGER - CMPHF-1
27	OPEN
26	OPEN
25	OPEN
24	OPEN
23	OPEN
22	OPEN
21	OPEN
20	OPEN
19	OPEN
18	1U HORIZONTAL POWER STRIP - CPI 12816-701 RECEPTACLES FACE BACK OF RACK
17	OPEN
16	
15	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
14	CPI-40074-700
13	OPEN
12	OPEN
11	
10	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
9	CPI-40074-700
8	OPEN
7	OPEN
6	OPEN
5	OPEN
4	OPEN
3	
2	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
1	CPI-40074-700

3 E4.5 - FOH IDF RACK 1 ELEVATION

1 1/2" = 1'-0"

2 POST RACK, 45U, CPI 55053-703



45	1U D-RING WIRE MANAGER - CMPHF-1
44	1U FIBER ENCLOSURE - CABLEXPRESS CBX-HE-H01
43	1U D-RING WIRE MANAGER - CMPHF-1
42	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
41	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 3
40	1U D-RING WIRE MANAGER - CMPHF-1
39	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
38	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: CAMERA-1
37	1U D-RING WIRE MANAGER - CMPHF-1
36	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
35	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: CAMERA-2
34	1U D-RING WIRE MANAGER - CMPHF-1
33	OPEN
32	1U D-RING WIRE MANAGER - CMPHF-1
31	OPEN
30	1U D-RING WIRE MANAGER - CMPHF-1
29	OPEN
28	1U D-RING WIRE MANAGER - CMPHF-1
27	OPEN
26	OPEN
25	OPEN
24	OPEN
23	OPEN
22	OPEN
21	OPEN
20	OPEN
19	OPEN
18	1U HORIZONTAL POWER STRIP - CPI 12816-701 RECEPTACLES FACE BACK OF RACK
17	OPEN
16	OPEN
15	OPEN
14	OPEN
13	OPEN
12	OPEN
11	OPEN
10	OPEN
9	OPEN
8	OPEN
7	OPEN
6	OPEN
5	OPEN
4	OPEN
3	
2	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
1	CPI-40074-700

4 E4.5 - FOH IDF RACK 2 ELEVATION

1 1/2" = 1'-0"

IDF LAYOUT SCHEDULE

A. RACK 1- NETWORK: 55053-703. 2 POST RACK INSTALLS ON FLOOR PER DIMENSIONS. WITH VERTICAL CABLE MANAGEMENT (F:) INSTALLED RACK SHOULD BE 1" OFF WALL. SECURE TO FLOOR AT (4) LOCATIONS, (2) PER FOOT, WITH 1/2" SLEEVE ANCHORS. SECURE RACK SCREWS TO RACK.

B. RACK 2- NETWORK. CPI: 55053-703. 2 POST RACK INSTALLS ON FLOOR PER DIMENSIONS. WITH VERTICAL CABLE MANAGEMENT (G) INSTALLED BETWEEN AND SECURED TO RACK 1 AND RACK 2. SECURE TO FLOOR AT (4) LOCATIONS, (2) PER FOOT, WITH 1/2" SLEEVE ANCHORS. SECURE RACK SCREWS TO RACK.

C. RACK 3- SERVER. CPI: 15212-703. 4 POST RACK INSTALLS ON FLOOR PER DIMENSIONS. WITH VERTICAL CABLE MANAGEMENT (H) INSTALLED BETWEEN AND SECURED TO RACK 2 AND RACK 3. BUILD RACK TO 29" DEEP. GROUND LUG INSTALLS AT BOTTOM ON BACK SIDE. SECURE CAGE NUTS TO RACK. SECURE RACK TO FLOOR AT EACH CORNER WITH 1/2" SLEEVE ANCHORS.

D. LADDER RACK. CPI:10250-712. ONE END ATTACHED TO LADDER RACK E USING SPLICE KIT (CPI:11302-701), OPPOSITE END ATTACHES TO WALL USING WALL ANGLE SUPPORT KIT (CPI: 11421-712). THIS LADDER RACK SHOULD INSTALL 6" FROM WALL.

E. LADDER RACK. CPI:10250-712. CENTER ON TOP OF RACK A:, B:, C:, ATTACH TO RACKS A: & B: USING TOP PLATES (CPI: 10595-712). ATTACH TO LADDER RACK D USING SPLICE KIT (CPI: 11421-712), ONE END OF LADDER E ATTACHES TO WALL USING WALL ANGLE SUPPORT KIT (CPI:11421-712), OPPOSITE END EXTENDS TO OUTSIDE EDGE OF I: VERTICAL CABLE MANAGEMENT. USE RUBBER END CAPS (CPI: 10642-001).

F. VERTICAL CABLE MANAGEMENT. CPI: 12096-703. ATTACH TO RACK A:. EDGE TO BE 1" OFF WALL.

G. VERTICAL CABLE MANAGEMENT. CPI: 12096-703. ATTACH TO RACK A: AND RACK B:.

H. VERTICAL CABLE MANAGEMENT. CPI: 12096-703. ATTACH TO RACK B: AND RACK C:

I. VERTICAL CABLE MANAGEMENT. CPI: 12096-703. ATTACH TO RACK C:. 3" C. FROM 8'-0" AFF TO CEILING JOIST. DATA CABLE CONDUIT FOR DATA 1, DATA 2 AND DATA 4 CABLES. REF 3 & 4-E4.1.

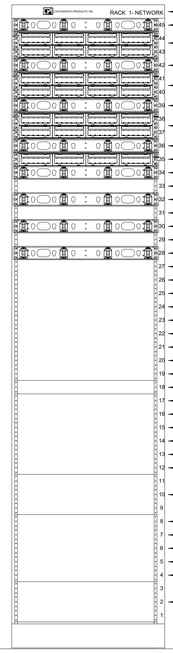
J. 3" C. FROM 8'-0" AFF TO CEILING JOIST. DATA CABLE CONDUIT FOR DATA 1, DATA 2 AND DATA 4 CABLES. REF 3 & 4-E4.1.

K. 3" C. FROM 8'-0" AFF TO CEILING JOIST. DATA CABLE CONDUIT FOR DATA 3 AND TIE CABLES. IN FOH IDF ONLY, SPEAKER WIRE: HOME. REF 3 & 4-E4.1.

L. 3" C. FROM 8'-0" AFF TO CEILING JOIST. DATA CABLE CONDUIT FOR CCTV CABLE. REF 3 & 4-E4.1.

M. 3" C. FROM 8'-0" AFF TO CEILING JOIST. DATA CABLE CONDUIT FOR ARMORED FIBER CABLE. REF 3 & 4-E4.1.

2 POST RACK, 45U, CPI 55053-703

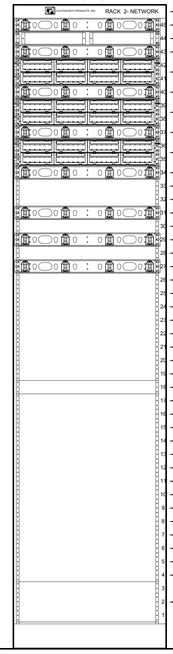


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44	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
43	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 1
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41	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
40	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 2
39	1U D-RING WIRE MANAGER - CMPHF-1
38	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
37	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 4
36	1U D-RING WIRE MANAGER - CMPHF-1
35	1U PANDUIT 24 PORT PATCH PANEL - CPPL24M6BLY-LABELED: DEMARC - FOH TIES
34	1U D-RING WIRE MANAGER - CMPHF-1
33	OPEN
32	1U D-RING WIRE MANAGER - CMPHF-1
31	OPEN
30	1U D-RING WIRE MANAGER - CMPHF-1
29	OPEN
28	1U D-RING WIRE MANAGER - CMPHF-1
27	OPEN
26	OPEN
25	OPEN
24	OPEN
23	OPEN
22	OPEN
21	OPEN
20	OPEN
19	OPEN
18	1U HORIZONTAL POWER STRIP - CPI 12816-701 RECEPTACLES FACE BACK OF RACK
17	OPEN
16	OPEN
15	OPEN
14	OPEN
13	OPEN
12	OPEN
11	
10	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
9	CPI-40074-700
8	OPEN
7	OPEN
6	OPEN
5	OPEN
4	OPEN
3	
2	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
1	CPI-40074-700

6 E4.5 - BOH IDF RACK 1 ELEVATION

1 1/2" = 1'-0"

2 POST RACK, 45U, CPI 55053-703

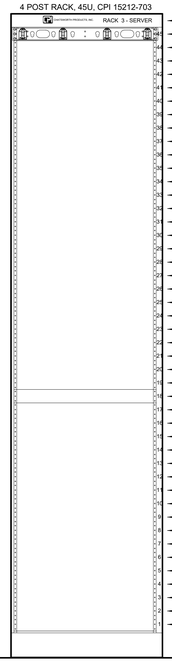


45	1U D-RING WIRE MANAGER - CMPHF-1
44	1U FIBER ENCLOSURE - CABLEXPRESS CBX-HE-H01
43	1U D-RING WIRE MANAGER - CMPHF-1
42	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
41	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: DATA - 3
40	1U D-RING WIRE MANAGER - CMPHF-1
39	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
38	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: CAMERA-1
37	1U D-RING WIRE MANAGER - CMPHF-1
36	2U PANDUIT 48 PORT MINI-COM FACEPLATE PATCH PANEL - CPPL48M6BLY.
35	LABELED VERTICALLY ALONG LEFT SIDE OF PANEL: CAMERA-2
34	1U D-RING WIRE MANAGER - CMPHF-1
33	OPEN
32	OPEN
31	1U D-RING WIRE MANAGER - CMPHF-1
30	OPEN
29	1U D-RING WIRE MANAGER - CMPHF-1
28	OPEN
27	1U D-RING WIRE MANAGER - CMPHF-1
26	OPEN
25	OPEN
24	OPEN
23	OPEN
22	OPEN
21	OPEN
20	OPEN
19	OPEN
18	1U HORIZONTAL POWER STRIP - CPI 12816-701 RECEPTACLES FACE BACK OF RACK
17	OPEN
16	OPEN
15	OPEN
14	OPEN
13	OPEN
12	OPEN
11	OPEN
10	OPEN
9	OPEN
8	OPEN
7	OPEN
6	OPEN
5	OPEN
4	OPEN
3	
2	3U SHELF (TOP FACING UP, FRONT LIP DOWN & SCREW IN FRONT RAIL) -
1	CPI-40074-700

7 E4.5 - BOH IDF RACK 2 ELEVATION

1 1/2" = 1'-0"

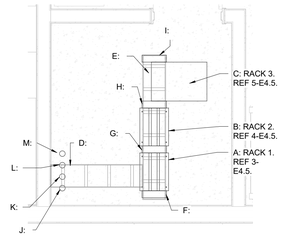
4 POST RACK, 45U, CPI 15212-703



45	1U D-RING WIRE MANAGER - CMPHF-1
44	OPEN
43	OPEN
42	OPEN
41	OPEN
40	OPEN
39	OPEN
38	OPEN
37	OPEN
36	OPEN
35	OPEN
34	OPEN
33	OPEN
32	OPEN
31	OPEN
30	OPEN
29	OPEN
28	OPEN
27	OPEN
26	OPEN
25	OPEN
24	OPEN
23	OPEN
22	OPEN
21	OPEN
20	OPEN
19	OPEN
18	1U HORIZONTAL POWER STRIP - CPI 12816-701 RECEPTACLES FACE BACK OF RACK
17	OPEN
16	OPEN
15	OPEN
14	OPEN
13	OPEN
12	OPEN
11	OPEN
10	OPEN
9	OPEN
8	OPEN
7	OPEN
6	OPEN
5	OPEN
4	OPEN
3	OPEN
2	OPEN
1	OPEN

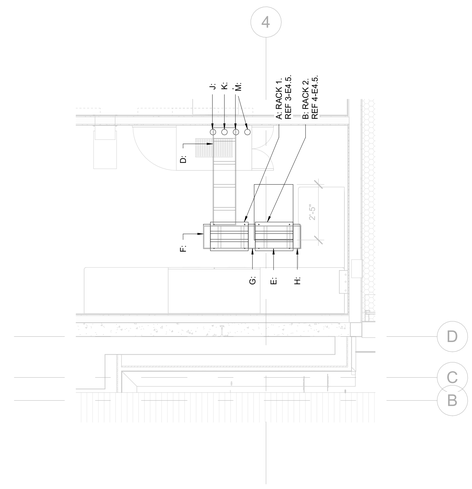
8 E4.5 - BOH IDF RACK 3 ELEVATION

1 1/2" = 1'-0"



2 ENLARGED BACK IDF PLAN

3/8" = 1'-0"



1 ENLARGED FRONT IDF PLAN

3/8" = 1'-0"

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LICENSED PROFESSIONAL ENGINEER
No. 20371
DAVID ANTHONY TRETTER
01/13/2026

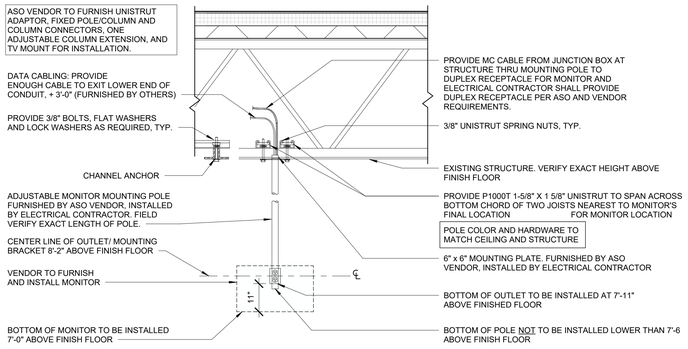
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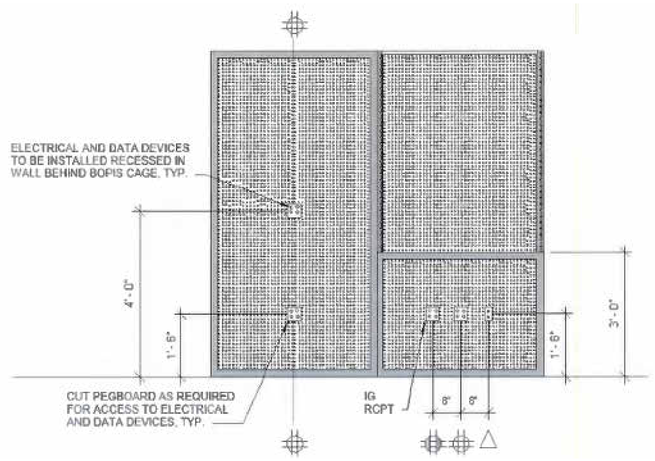
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IDF LAYOUT PLANS

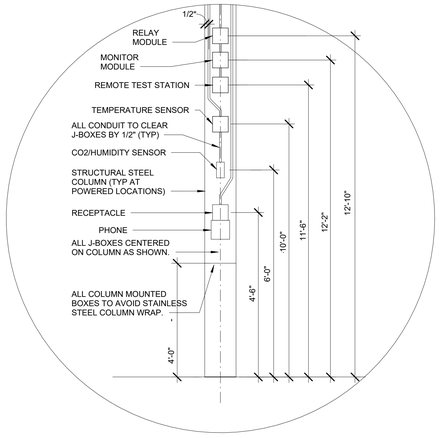
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E4.5



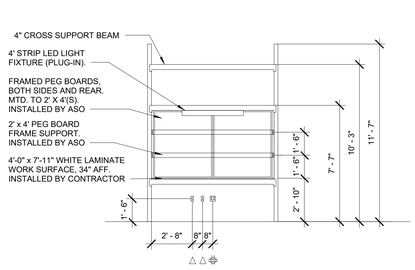
8 QUEUEING MONITOR MOUNTING DETAIL
1/2" = 1'-0"



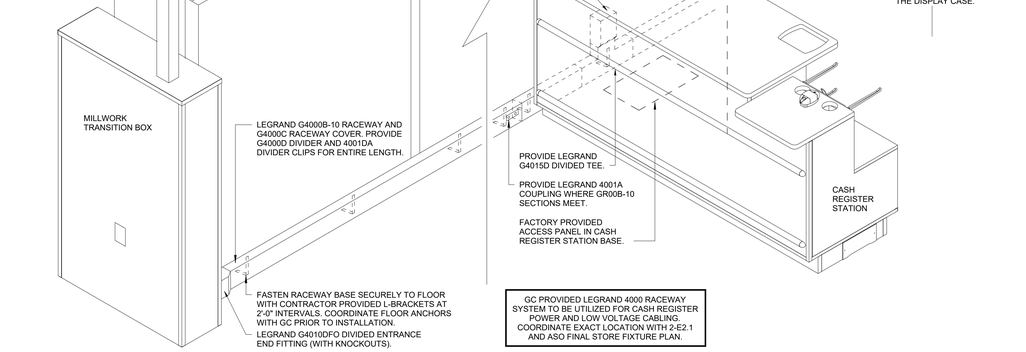
7 CASH COUNT ROOM ELEVATION
NOT TO SCALE



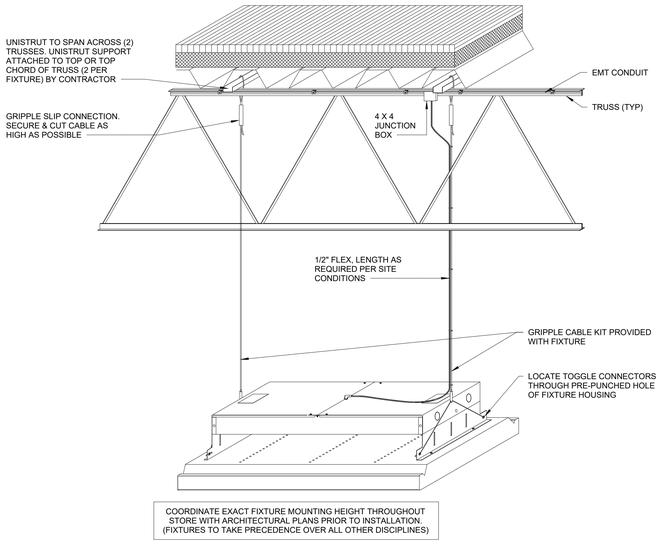
6 TYPICAL STEEL COLUMNS POWER LOCATIONS
NOT TO SCALE



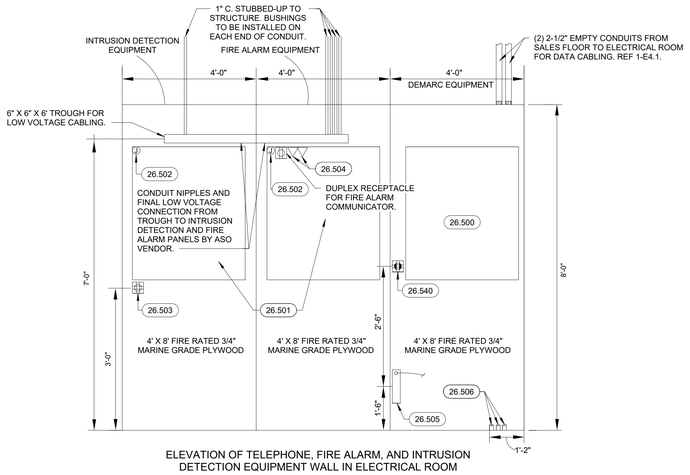
5 LOGISTIC / S.F.S. ELEVATION
NOT TO SCALE



4 CASH REGISTER COLUMN RACEWAY SYSTEM
NOT TO SCALE

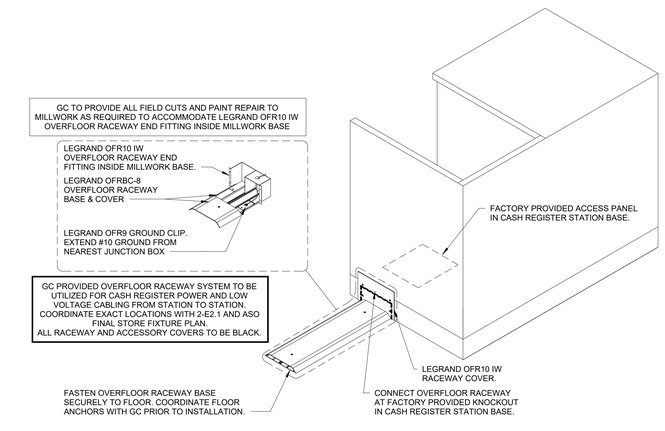


3 LED HIGH BAY FIXTURE MOUNTING DETAIL
NOT TO SCALE



ELEVATION OF TELEPHONE, FIRE ALARM, AND INTRUSION DETECTION EQUIPMENT WALL IN ELECTRICAL ROOM

2 TELEPHONE AND ALARM BACKBOARD ELEVATION
NOT TO SCALE



1 CASH REGISTER OVERFLOOR RACEWAY SYSTEM
NOT TO SCALE

GENERAL NOTES

1. CONTRACTOR SHALL PROVIDE A DURABLE LABEL IN ACCORDANCE TO SPECIFICATIONS AT EVERY WIRING DEVICE AND/OR EQUIPMENT INDICATING THE PANELBOARD AND CIRCUIT BREAKER SERVING THE WIRING DEVICE OR EQUIPMENT. THE OWNER RESERVES THE RIGHT OF FINAL APPROVAL OF COMPLIANCE WITH THIS REQUIREMENT. CONTRACTOR SHALL RETURN TO SITE TO COMPLETE LABELING OF WIRING DEVICES OR EQUIPMENT THAT ARE FOUND TO BE INADEQUATE OR MISSING AT NO ADDITIONAL CHARGE TO THE OWNER FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION OF PROJECT.
2. COORDINATE ROUTING OF ALL POWER WIRING WITHIN MILLWORK WITH OWNER.

ELECTRICAL KEYNOTES

26.500	DEMARC EQUIPMENT BY OWNER.
26.501	INTRUSION DETECTION AND FIRE ALARM EQUIPMENT.
26.502	FOR DIRECT CONNECTION TO FIRE ALARM AND INTRUSION DETECTION SYSTEMS, 78" AFF PROVIDE DIRECT FLEXIBLE CONNECTIONS FOR UP TO (4) SEPARATE ENCLOSURES; COORDINATE WITH VENDOR.
26.503	PROVIDE RECEPTACLE FOR POWER TO INTRUSION DETECTION PANELS.
26.504	PHONE OUTLET FOR FIRE ALARM MONITORING.
26.505	(1) SQUARE D - PK7GTA GROUND BUS BAR OR EQUIVALENT (EQUIVALENT = COPPER OR TINNED COPPER BAR, MINIMUM OF FIVE POSITIONS, SUPPORTS #6 COPPER WIRE), SECURELY MOUNT GROUND BUS BAR VERTICALLY TO THE PLYWOOD BACKBOARD. CLOSE TO OUTSIDE EDGE, AT APPROXIMATELY 1'-6" AFF. PROVIDE (1)#6 GREEN INSULATED GROUNDING CONDUCTOR AND CONNECT TO EFFECTIVELY GROUNDED BUILDING STEEL.
26.506	(3) 3" C. PHONE SERVICE WITH PULL STRINGS FROM PULLBOX. REF 1-E2.1 FOR ROUTING AND TERMINATION LOCATIONS.
26.540	(1) DEDICATED, 20A ISOLATED GROUND CIRCUIT WITH A QUADRUPLEX RECEPTACLE MOUNTED AT 4'-0" AFF CLOSE TO OUTSIDE EDGE OF 4'-0" x 8'-0" F.R. PLYWOOD BACKER.

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12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK	
11/06/2025	OWNER
11/21/2025	PERMIT

ARKANSAS
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No. 20371
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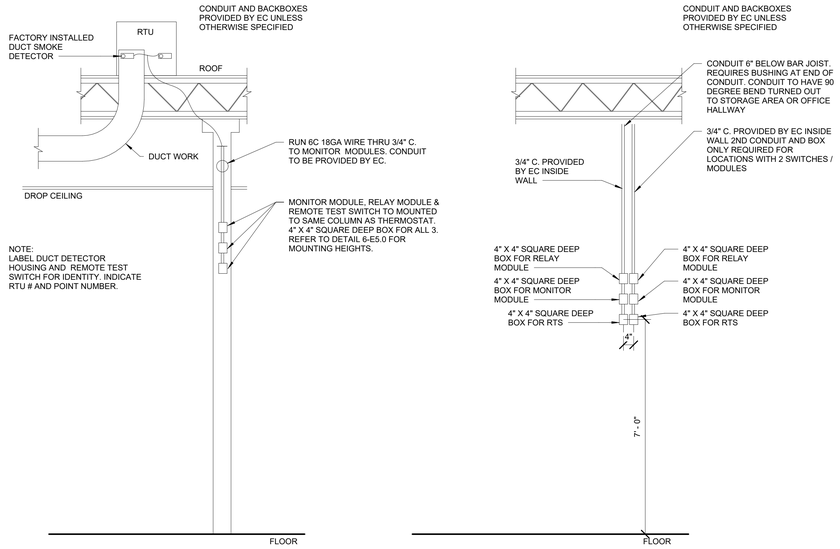
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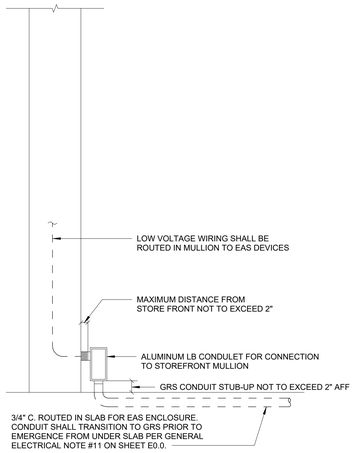
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ELECTRICAL DETAILS

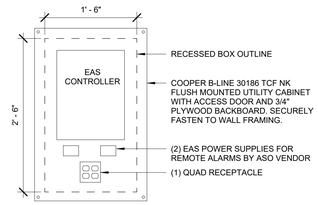
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7 FIRE ALARM SYSTEM
1/2" = 1'-0"



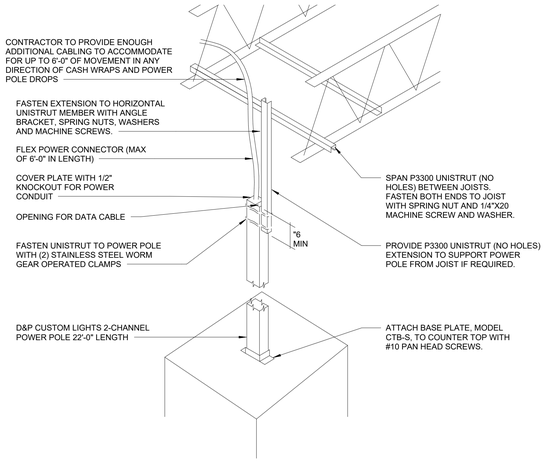
6 EAS CONDUIT CONNECTION AT STOREFRONT
NOT TO SCALE



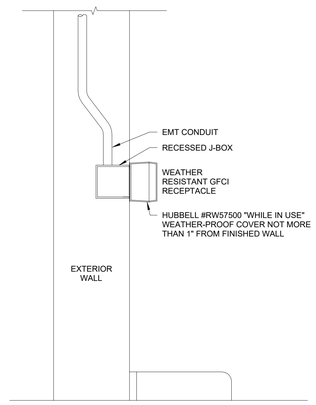
NOTES
1. SEE POWER PLAN FOR CIRCUITRY.
2. CONTRACTOR TO PAINT COVER TO MATCH ADJACENT SURFACE.
3. TOP KNOCKOUTS ARE AS FOLLOWS:(1) 3/4" HOLE FOR CONDUIT TO JUNCTION BOX FOR REMOTE ALARM, AND (2) 2" HOLES FOR VENTILATION. BOTTOM KNOCKOUTS ARE AS FOLLOWS: (2) 2" HOLES FOR VENTILATION, AND (4) 3/4" HOLES FOR CONDUITS SERVING EAS DEVICES AT STORE FRONT DOORS.
4. 3/4" CONDUITS SERVING STORE FRONT EAS DEVICES SHALL BE CONCEALED WITHIN VESTIBULE WALL FROM EAS ENCLOSURE AND ROUTED UNDERSLAB TO STORE FRONT SYSTEM FOR CONNECTION TO EAS DEVICES. REF 6-E5.1

5 EAS POWER SUPPLY ENCLOSURE
1" = 1'-0"

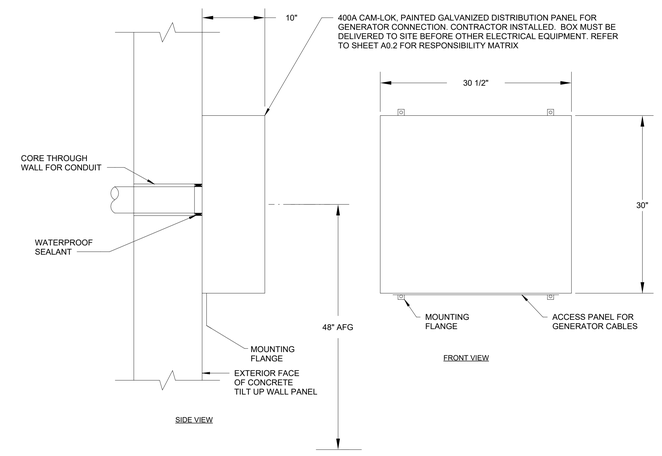
4 GONDOLA DEVICE ROUGH-IN DETAIL
NOT TO SCALE



3 COUNTER MOUNTED POWER POLE DETAIL
NOT TO SCALE



2 EXTERIOR WALL RECEPTACLE DETAIL
NOT TO SCALE



1 GENERATOR RECEPTACLE BACKBOX - SURFACE MOUNT
NOT TO SCALE

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ELECTRICAL DETAILS

SHEET:
E5.1

CONTROL BY EVENT MODULE SCHEDULE

DEVICE ADDRESS	TYPE ID	ALPHANUMERIC LABEL OF DEVICE
L01M01	MONITOR	RTU-1 DUCT SMOKE DETECTOR
L01M02	MONITOR	RTU-13 DUCT SMOKE DETECTOR
L01M03	MONITOR	SPRINKLER ROOM - FLOW SWITCH SYSTEM #1
L01M04	MONITOR	SPRINKLER ROOM - FLOW SWITCH SYSTEM #2
L01M05	MONITOR	SPRINKLER ROOM - BACKFLOW PREVENTER TEST VALVE TAMPER SWITCH
L01M06	MONITOR	SPRINKLER ROOM - TAMPER SWITCHES BACKFLOW PREVENTER
L01M07	RELAY	IDF ROOM 120 - SHUTDOWN BACKGROUND SOUND SYSTEM
L01M08	MONITOR	SPRINKLER ROOM - SPRINKLER SYSTEM TAMPER SWITCHES
L01M09	PULL	ENTRY / EXIT 101

CONTROL BY EVENT DEVICE SCHEDULE

DEVICE ADDRESS	TYPE ID	ALPHANUMERIC LABEL OF DEVICE
L01D01	SMOKE	ELECTRICAL ROOM 117
L01D02	SMOKE	CASH COUNT 109

FIRE ALARM MATRIX

	ACTIVATES ALARM CONDITION AT FIRE ALARM CONTROL PANEL	ANNUNCIATES ALARM CONDITION AT REMOTE FIRE ALARM ANNUNCIATOR PANEL	TRANSMITS ALARM SIGNAL TO APPROVED U.L. LISTED OFF-SITE MONITORING STATION	ACTIVATES SUPERVISORY CONDITION AT FIRE ALARM CONTROL PANEL	ANNUNCIATES SUPERVISORY CONDITION AT REMOTE FIRE ALARM ANNUNCIATOR PANEL	TRANSMITS SUPERVISORY SIGNAL TO APPROVED U.L. LISTED OFF-SITE MONITORING STATION	ACTIVATES TROUBLE CONDITION AT FIRE ALARM CONTROL PANEL	ANNUNCIATES TROUBLE CONDITION AT REMOTE FIRE ALARM ANNUNCIATOR PANEL	TRANSMITS TROUBLE SIGNAL TO APPROVED U.L. LISTED OFF-SITE MONITORING STATION	ACTIVATES INTERIOR AUDIBLE/VISUAL NOTIFICATION APPLIANCES THROUGHOUT THE BUILDING	ACTIVATES EXTERIOR AUDIBLE/VISUAL NOTIFICATION APPLIANCES	SHUTS DOWN AFFECTED HVAC UNITS	SHUTS DOWN BROWN SOUND SYSTEMS
FIRE SPRINKLER SYSTEMS													
- WATERFLOW SWITCH	●	●	●							●	●		●
- CONTROL VALVE TAMPER SWITCH				●	●	●							
MANUAL PULL STATIONS													
- ADJACENT TO FAAN	●	●	●							●			●
SMOKE DETECTION DEVICES													
- ABOVE THE FACP AND APS'S	●	●	●							●			●
- CASH COUNT - 109 ABOVE IDF RACK	●	●	●							●			●
- AIR HANDLING UNIT - RETURN SIDE				●	●	●						●	
LOSS OF PRIMARY POWER AT THE FACP, APS OR CELL							●	●	●				
ABNORMAL CIRCUIT OR DEVICE							●	●	●				

APPLICABLE CODES

ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND REFERENCED DESIGN STANDARDS.

2021 EDITION OF THE ARKANSAS FIRE PREVENTION CODE VOLUME 2

2021 EDITION OF THE ARKANSAS FIRE PREVENTION CODE VOLUME 1

2021 INTERNATIONAL MECHANICAL CODE

2020 EDITION OF NFPA 70, NATIONAL ELECTRICAL CODE

2019 EDITION NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE

CONFLICTS BETWEEN THE REFERENCE NFPA STANDARDS, FEDERAL OR STATE CODES, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OR RECORD (CCI) FOR RESOLUTION.

PROGRAMMING GENERAL NOTES

1. CONTROL-BY-EVENT PROGRAMMING IS PROVIDED FOR GENERAL INFORMATIONAL PURPOSES ONLY. SPECIFIC SYSTEM PROGRAMMING SHALL BE PROVIDED BY THE FIRE ALARM CONTRACTOR IN SHOP DRAWING SUBMITTAL.
2. COORDINATE SPECIFIC ALPHANUMERIC DESCRIPTIONS WITH THE OWNER PRIOR TO SYSTEM PROGRAMMING.
3. THE FIRE ALARM CONTRACTOR SHALL PROVIDE SPARE ADDRESSABLE CAPACITY FOR ALL ASSOCIATED CARDS.

FIRE STOP NOTES

1. ALL THROUGH-PENETRATIONS OF FIRE-RATED WALLS AND FLOORS SHALL BE FIRE-STOPPED.
2. FIRE-RATED GYPSUM BOARD WALLS CONSTRUCTED AS DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGNS IN THE U.L. FIRE RESISTANCE DIRECTORY (GENERALLY DOUBLE THICKNESS WALLBOARD) SHALL BE FIRE-STOPPED WITH U.L. SYSTEMS.
3. ALL REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOORS OR WALLS, AND ALL U.L. CLASSIFIED CONCRETE BLOCK WALLS SHALL BE FIRE-STOPPED WITH U.L. SYSTEMS.

INSTALLATION NOTES

1. SEE WIRING LEGEND FOR CABLE TYPES AND SIZES.
2. ALL WORK SHALL BE IN ACCORDANCE WITH NFPA STANDARDS AND ALL LOCAL ADOPTED CODES.
3. PROVIDE ALL REQUIRED CONDUIT, BACKBOXES, AND FITTINGS FOR THE FIRE ALARM SYSTEM CABLING. THE FIRE ALARM CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR TO DETERMINE THE EXTENT OF ALL FIRE ALARM CONDUIT AND BACKBOX REQUIREMENTS.
4. FIRE ALARM CABLING SHALL NOT BE PAINTED.
5. FIRE ALARM CABLING SHALL BE RED IN COLOR, SHALL BE LABELED AS FIRE ALARM CABLING, AND SHALL BE LISTED FOR THE INTENDED APPLICATION.
6. ALL CONDUCTORS NOT IN CONDUIT SHALL BE NEATLY BUNDLED, WRAPPED TIGHT AND PROPERLY SECURED. ANY CABLING NOT INSTALLED IN A NEAT AND PROFESSIONAL MANNER SHALL BE PULLED OUT AND RE-RUN BY INSTALLER, AT NO ADDITIONAL COST TO THE OWNER.
7. RUN ALL CONDUIT AND CONDUCTORS NOT IN CONDUIT AT RIGHT ANGLES TO THE BUILDING WALLS, FLOORS AND CEILING, AND SUPPORTED FROM THE BUILDING STRUCTURE AT INTERVALS COMPLIANT WITH NEC REQUIREMENTS.
8. ALL CONDUCTORS IN FIRE ALARM EQUIPMENT ENCLOSURES SHALL BE RUN IN THE VERTICAL OR HORIZONTAL PLANE. MAKE ALL TURNS AT RIGHT ANGLES AND TIGHTLY BUNDLE AND WRAP.
9. IDENTIFY ALL CONDUCTORS WITH PERMANENT MARKINGS. CONDUCTOR MARKINGS SHALL BE PRINTED LABELS, PERMANENTLY AFFIXED TO THE CONDUCTOR VIA SHRINK WRAP.
10. EXPOSED CABLING SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING STRUCTURE. EXPOSED CABLING SHALL NOT BE RUN IN A "SPAN" FASHION BETWEEN BAR JOISTS OR BEAMS (I.E.: CABLING SHALL BE ROUTED ALONG PATH OF JOISTS AND BEAMS). ALL CABLING SHALL BE SECURED TO THE STRUCTURAL CEILING BETWEEN JOISTS OR BEAMS, AND AS INDICATED IN SPECIFICATIONS.
11. ALL CABLING SHALL BE SUPPORTED FROM BUILDING STRUCTURE AND NOT FROM GRID, TILES, OR SUPPORT WIRES. ALL CABLING NOT IN CONDUIT SHALL BE SUPPORTED BY BUILDING STRUCTURE AT NO MORE THAN FIVE (5) FOOT INTERVALS.
12. ALL JUNCTION BOXES SHALL BE INSTALLED TIGHT TO STRUCTURE OR AT THE BOTTOM OF STRUCTURE JOISTS. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FOR SERVICE. PROVIDE ANY REQUIRED ACCESS PANELS.
13. ALL FIRE ALARM CABLING BELOW THE STRUCTURE SHALL BE INSTALLED IN METALLIC CONDUIT.
14. ALL POWER LIMITED FIRE ALARM CABLING ABOVE THE STRUCTURE, ABOVE LAY-IN CEILINGS, OR CONCEALED ABOVE CEILINGS OR IN PARTITIONS (NOT SUBJECT TO PHYSICAL DAMAGE) ARE NOT REQUIRED TO BE INSTALLED IN CONDUIT.
15. ALL NON-POWER LIMITED FIRE ALARM CABLING FOR THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONDUIT.
16. ALL CONDUIT SHALL BE TERMINATED AT THE BAR JOIST LEVEL WITH SOME FORM OF GROMMET OR BOX CONNECTOR.
17. ALL CONDUIT LOCATED IN DRYWALL SHALL BE TERMINATED NO LESS THAN SIX (6) INCHES ABOVE THE CEILING TILE.
18. FOR DRYWALL APPLICATIONS, ALL CONDUIT AND BACKBOXES SHALL BE RECESSED INSIDE THE WALL.
19. ALL FIRE ALARM CABLING IN FINISHED AREAS SHALL BE CONCEALED.
20. COORDINATE DRILLING OF ANY HOLES (I.E. COLUMN PENETRATIONS) WITH THE GENERAL CONTRACTOR AND ALL OTHER TRADES PRIOR TO INSTALLATION.
21. ALL CABLING, CONDUIT, AND BACKBOXES SHALL BE PROPERLY SUPPORTED AND SEISMICALLY BRACED, AS REQUIRED BY ALL APPLICABLE CODES AND THE LOCAL JURISDICTION.
22. FIRE ALARM CONDUCTORS SHALL BE ACCEPTABLE TO THE FIRE ALARM EQUIPMENT MANUFACTURER FOR THE INTENDED PURPOSE. SHOULD MANUFACTURER OF FIRE ALARM EQUIPMENT REQUIRE DIFFERENT TYPE OR SIZE OF CABLE THAN HEREIN SPECIFIED, THE LARGER OR MORE STRINGENT TYPE OF CABLE SHALL BE USED.
23. CONDUIT AND CABLING SHALL ENTER INTO THE FACP AND EACH APS ONLY AS APPROVED BY THE EQUIPMENT MANUFACTURER.
24. ALL FIRE ALARM JUNCTION BOXES SHALL BE RED IN COLOR.
25. COORDINATE INSTALLATION OF A GROUND ROD OR ACCEPTABLE BUILDING GROUND FOR PROPER GROUNDING OF THE FACP AND EACH APS WITH THE ELECTRICAL CONTRACTOR.
26. ALL SIGNALING LINE CIRCUITS, INITIATING DEVICE CIRCUITS, AND NOTIFICATION APPLIANCE CIRCUITS SHALL BE SUPERVISED IN ACCORDANCE WITH NFPA 72.
27. PROVIDE END OF LINE RESISTORS FOR ALL INITIATING DEVICE CIRCUITS AND NOTIFICATION APPLIANCE CIRCUITS PER MANUFACTURER SPECIFICATIONS.
28. ALL FIRE ALARM DEVICES SHALL BE INSTALLED IN OR ON A PROPER BACKBOX. NO DEVICES SHALL BE INSTALLED WITHOUT A BACKBOX. ALL DEVICES SHALL BE MOUNTED IN AN ACCESSIBLE LOCATION FOR TESTING AND MAINTENANCE.
29. PROVIDE CIRCUIT WIRING AND ISOLATION MODULES TO ENSURE THAT A SINGLE FAULT ON A PATHWAY CONNECTED TO ADDRESSABLE DEVICES SHALL NOT CAUSE THE LOSS OF ADDRESSABLE DEVICES IN ACCORDANCE WITH NFPA 72.
30. ALL CONDUCTORS SHALL BE PULLED SPLICE FREE. CONDUCTORS SHALL BE CONTINUOUS FROM DEVICE TO DEVICE. THE USE OF WIRE NUTS, CRIMPED CONNECTORS, OR TWISTING OF CONDUCTORS IS PROHIBITED. ALL TERMINATIONS SHALL BE AT A TERMINAL STRIP UTILIZING SCREW TERMINALS.
31. CONDUCTORS THAT ARE TERMINATED, SPLICED, OR OTHERWISE INTERRUPTED IN ANY ENCLOSURE, CABINET, MOUNTING OR JUNCTION BOX SHALL BE CONNECTED TO SCREW-TYPE TERMINAL BLOCKS.

GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE AN APPROVED OFF-SITE MONITORING STATION FIRE ALARM SYSTEM THROUGHOUT THE ACADEMY SPORTS + OUTDOORS IN ACCORDANCE WITH ALL NFPA STANDARDS AND ALL LOCAL ADOPTED CODES AND AS INDICATED IN THE PLANS AND SPECIFICATIONS. ANY FIRE DETECTION AND ALARM INFORMATION INDICATED ON THE DRAWINGS IS STRICTLY FOR THE PURPOSE OF FILING FOR PERMIT AND ESTABLISHING A MINIMUM CRITERIA TO AID PREPERATION OF THE FIRE DETECTION AND ALARM INSTALLATION/SHOP DRAWINGS.
2. THE FIRE ALARM SYSTEM SHALL OPERATE AS A STANDALONE LOW VOLTAGE SYSTEM AND SHALL BE AN INTELLIGENT ADDRESSABLE SUPERVISED SYSTEM. CIRCUITS SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   - INITIATING DEVICE CIRCUITS - CLASS B
   - SUPERVISORY CIRCUITS - CLASS B
   - NOTIFICATION APPLIANCE CIRCUITS - CLASS B
   - SIGNALING LINE CIRCUITS - CLASS B
   - AUXILIARY CIRCUITS - CLASS B
   - REMOTE ANNUNCIATOR CIRCUITS - CLASS B
   - CIRCUITS FOR RELAY COIL OPERATION SHALL BE 24 VDC MAXIMUM WITH A SEPARATE OR INTEGRAL FIELD COLLAPSING DIODE.
3. PROVIDE A DOCUMENTATION CABINET ADJACENT TO THE FIRE ALARM CONTROL PANEL TO HOUSE ALL SYSTEM DOCUMENTS IN ACCORDANCE WITH NFPA 72. SYSTEM DOCUMENTS SHALL INCLUDE (AT A MINIMUM) RECORD DRAWINGS, EQUIPMENT DATA SHEETS, SOFTWARE AND FIRMWARE CONTROL DOCUMENTATION. THE DOCUMENTATION CABINET SHALL BE PROMINENTLY LABELED "SYSTEM RECORD DOCUMENTS", AND SHALL BE ACCESSIBLE BY AUTHORIZED PERSONNEL ONLY AND PROTECTED FROM PUBLIC ACCESS.
4. THE FIRE ALARM CONTROL PANEL CABINET, AUXILIARY POWER SUPPLY CABINETS, AND DOCUMENTATION CABINET SHALL HAVE A HINGED DOOR KEYED IN COMMON WITH ALL OTHER KEYED DEVICES THROUGHOUT THE SYSTEM.
5. PROVIDE TWO (2) MEANS OF FIRE ALARM SIGNAL TRANSMISSION TO THE REMOTE SUPERVISING STATION FOR MONITORING OF POINT SPECIFIC ALARM, SUPERVISORY AND TROUBLE CONDITIONS.
6. UPON LOSS OF BUILDING POWER, THE ENTIRE SYSTEM SHALL TRANSFER TO SECONDARY POWER WITHIN TEN (10) SECONDS, AND WITHOUT LOSS OF SIGNALS. THE SYSTEM SHALL OPERATE UNDER SECONDARY POWER IN NORMAL OR TROUBLE CONDITIONS FOR TWENTY-FOUR (24) HOURS AND HAVE SUFFICIENT POWER TO SUPPORT COMPLETE ALARM CONDITION OPERATION FOR A SUBSEQUENT FIVE (5) MINUTES AT MAXIMUM CONNECTED LOAD.
7. COORDINATE EXACT MOUNTING LOCATIONS OF THE FIRE ALARM CONTROL PANEL, AUXILIARY POWER SUPPLIES (APS), AND DOCUMENTATION CABINET WITH THE GENERAL CONTRACTOR, OWNER, AND ELECTRICAL CONTRACTOR PRIOR TO INSTALLATION.
8. COORDINATE DEDICATED 120 VAC POWER CIRCUITS TO THE FACP AND EACH APS WITH THE ELECTRICAL CONTRACTOR. PROVIDE SURGE SUPPRESSION FOR 120 VAC POWER CIRCUITS. THE DEDICATED CIRCUIT DISCONNECT SHALL BE RED IN COLOR, LABELED "FIRE ALARM CIRCUIT", AND HAVE A LOCKABLE TAB. ALL FIRE ALARM CIRCUIT BREAKERS SHALL BE CLEARLY MARKED AND MECHANICALLY SECURED TO PREVENT ANY UNAUTHORIZED TAMPERING. IDENTIFY THE LOCATION OF THE CIRCUIT DISCONNECT AT THE FACP AND EACH APS. PROVIDE 24 HOUR BATTERY BACKUP IN THE FACP AND EACH APS.
9. PROVIDE MONITORING CONNECTIONS TO SPRINKLER WATERFLOW SWITCHES AND CONTROL VALVE TAMPER SWITCHES (SWITCHES ARE BY OTHERS). PROVIDE ALL CABLING TO SWITCHES AND PROBES, FINAL WIRING CONNECTIONS AT SWITCHES AND PROBES, AND SUPERVISION OF ALL WIRING CONNECTIONS. COORDINATE ALL CONNECTIONS WITH THE SPRINKLER CONTRACTOR.
10. NOTIFICATION APPLIANCE CIRCUITS (NAC) SHALL BE DESIGNED FOR A MAXIMUM 1.2 AMPS, MAXIMUM 4.4 VDC DROP, AND MINIMUM OPERATING VOLTAGE OF 16 VDC. EACH APS SHALL HAVE A MINIMUM OF TWENTY (20) PERCENT SPARE CAPACITY ON EACH CIRCUIT, UNLESS OTHERWISE SHOWN ON THE ENGINEERING DRAWINGS. PROVIDE VOLTAGE DROP CALCULATIONS FOR ALL NOTIFICATION APPLIANCE CIRCUITS.
11. PROVIDE SYNCHRONIZATION OF ALL VISUAL NOTIFICATION APPLIANCE CIRCUITS THROUGHOUT THE BUILDING. PROVIDE ALL REQUIRED SYNCHRONIZATION MODULES. PROVIDE MULTI-SYNC MODE SLAVE CONNECTIONS TO ALL AUXILIARY POWER SUPPLIES (APS).
12. THE AUDIBLE/VISUAL NOTIFICATION APPLIANCES SHALL BE RED IN COLOR, HAVE A CLEAR LENS, SHALL BE CLEARLY LABELED AS FIRE, AND SHALL BE LISTED FOR THE INTENDED APPLICATION.
13. PROVIDE FLUSH MOUNTING OF NOTIFICATION APPLIANCES. WHERE SURFACE-MOUNTED NOTIFICATION APPLIANCES ARE NECESSARY, PROVIDE DECORATIVE BACKBOX SKIRT COVERING THE APPLIANCE BACKBOX.
14. DUCT DETECTORS, ASSEMBLY AND SAMPLING TUBES ARE FACTORY INSTALLED, POWERED FROM THE ASSOCIATED ROOF TOP UNIT (RTU) AND MONITORED BY THE FIRE ALARM CONTROL PANEL (FACP). THE FACP SHALL SUPERVISE ALL POWER CONNECTIONS AND TROUBLE CONDITIONS. LOSS OF POWER TO A DUCT DETECTOR (RTU SUPPLIED POWER) SHALL TRANSMIT A TROUBLE CONDITION TO THE FACP.
15. CONFIGURE THE DUCT SMOKE DETECTOR TO UTILIZE THE AUXILIARY ALARM CONTACTS OF THE DUCT SMOKE DETECTOR TO SHUTDOWN THE RTU THROUGH THE INDIVIDUAL RTU CONTROLLER. PROVIDE ANY REQUIRED INTERMEDIATE RELAYS FOR CONNECTIONS TO HVAC CONTROLS. PROVIDE CABLING AND WIRING CONNECTIONS TO HVAC CONTROLS. FINAL TERMINATIONS TO HVAC CONTROLS ARE BY MECHANICAL OR CONTROLS CONTRACTOR.
16. INSTALLATION LOCATIONS FOR DUCT DETECTOR MONITOR MODULES:
   A. SALES FLOOR - INSTALL ON COLUMN'S AT 15'-0" A.F.F DIRECTLY BELOW THE ASSOCIATED RTU
   B. BACK OF HOUSE - INSTALL ABOVE LAY-IN CEILING IN CORRIDOR 108 ADJACENT TO ENTRY FROM SALES FLOOR.
17. DEVICES AND APPLIANCE LOCATIONS AS SHOWN ON THE FIRE ALARM PLANS ARE NOT DIMENSIONED FOR EXACT INSTALLATION. COORDINATE EXACT PLACEMENT OF ALL DEVICES AND APPLIANCES WITH THE ARCHITECTURAL PLANS AND GENERAL CONTRACTOR PRIOR TO INSTALLATION.
18. THE CEILING MOUNTED DEVICES AND APPLIANCES SHALL BE INSTALLED ALIGNED AESTHETICALLY WITH THE CEILING LIGHTING, SPRINKLERS, AND OTHER FIXTURES. COORDINATE INSTALLATION OF ALL CEILING MOUNTED FIRE ALARM DEVICES AND NOTIFICATION APPLIANCES WITH THE ARCHITECTURAL DRAWINGS AND ALL OTHER TRADES PRIOR TO INSTALLATION.
19. ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL BACKGROUND INFORMATION IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO THE PROPER DRAWINGS FOR EXACT LOCATIONS, SIZES AND QUANTITIES OF OTHER TRADES' WORK.
20. MOUNT DETECTORS AT THE CEILING/DECK, AND NOT ON THE BOTTOM OF BEAMS OR JOISTS. LOCATE ALL DETECTORS A MINIMUM OF THREE (3) FEET FROM ANY MECHANICAL DIFFUSERS, AND AS REQUIRED BY NFPA 72.
21. DETECTOR HEADS SHALL NOT BE INSTALLED UNTIL AFTER THE CONSTRUCTION CLEAN-UP OF ALL TRADES IS COMPLETE AND FINAL.
22. ALL THROUGH-PENETRATIONS OF FIRE-RATED WALLS AND FLOORS SHALL BE FIRE-STOPPED.
23. ALL JUNCTION BOXES SHALL BE ACCESSIBLE FOR SERVICE. PROVIDE ANY REQUIRED ACCESS PANELS.
24. PROVIDE SEISMIC BRACING AS REQUIRED BY APPLICABLE CODES.
25. PROVIDE A PRINTED LABEL FOR EACH INITIATING DEVICE INDICATING THE SPECIFIC ADDRESS FOR THAT DEVICE. THE LABEL SHALL BE LOCATED ON THE BASE OF ALL DETECTORS AND THE COVER PLATES OF EACH MODULE.
26. PROVIDE A PRINTED LABEL FOR EACH NOTIFICATION APPLIANCE INDICATING THE SPECIFIC CIRCUIT NUMBER FOR THAT APPLIANCE. THE LABEL SHALL INCLUDE END OF LINE RESISTOR LOCATION, CIRCUIT NUMBER AND APPLIANCE NUMBER. THE LABEL SHALL BE LOCATED ON THE BASE OF EACH NOTIFICATION APPLIANCE.
27. ALL AUDIBLE APPLIANCES SHALL BE SET TO THE HIGH DBA SETTING AND SHALL SOUND A THREE-PULSE TEMPORAL PATTERN EVACUATION SIGNAL.
28. MANUALLY ACTIVATING THE "ALARM SILENCE" AT THE FACP SHALL DE-ENERGIZE THE OCCUPANT NOTIFICATION APPLIANCES IN ACCORDANCE WITH NFPA 72. AN ADDITIONAL ALARM REPORTED TO THE FACP SUBSEQUENT TO ACTIVATING THE "ALARM SILENCE" SHALL RE-ENERGIZE THE AUDIBLE AND VISUAL NOTIFICATION APPLIANCES THROUGHOUT THE BUILDING.

FIRE ALARM SYMBOL KEY

FACP	ADDRESSABLE FIRE ALARM CONTROL PANEL
DOC	DOCUMENTATION CABINET
FAAN	FIRE ALARM ANNUNCIATOR (LCD)
IP	IP NETWORK COMMUNICATOIN CONNECTION
CELL	CELLULAR COMMUNICATOR
APS	AUXILIARY POWER SUPPLY
F	MANUAL PULL STATION (INTELLIGENT)
S	PHOTOELECTRIC SMOKE DETECTOR (INTELLIGENT)
D R	DUCT-TYPE PHOTOELECTRIC SMOKE DETECTOR (CONVENTIONAL) (R= RETURN SIDE) (BY OTHERS)
FS	FLOW SWITCH (BY OTHERS)
TS	TAMPER SWITCH (BY OTHERS)
AIM	ADDRESSABLE INPUT MODULE
ARM	ADDRESSABLE RELAY MODULE
TSM	TRANSIENT SUPPRESSION MODULE
AV XX	WALL MOUNTED AUDIBLE/VISUAL APPLIANCE (XX = CANDELA RATING) (RED COLOR) (LABELED "FIRE") (WP = WEATHER PROOF)
AV	CEILING MOUNTED AUDIBLE/VISUAL APPLIANCE (XX = CANDELA RATING) (RED COLOR) (LABELED "FIRE")
V XX	CEILING MOUNTED VISUAL APPLIANCE (XX = CANDELA RATING) (RED COLOR) (LABELED "FIRE")
RT	REMOTE TEST STATION
K	KNOX BOX
EOL	END OF LINE RESISTOR

FIRE ALARM KEYED NOTES (#)

1. PROVIDE A CELLULAR COMMUNICATOR FOR THE PRIMARY MEANS OF SIGNAL TRANSMISSION. MOUNT THE CELLULAR UNIT AT A LOCATION WITH ACCEPTABLE SIGNAL STRENGTH FROM THE WIRELESS NETWORK CONNECTION AND PER MANUFACTURERS DOCUMENTED INSTRUCTIONS. PROVIDE VERIFICATION OF COMMUNICATION PATH ON SIXTY (60) MINUTE INTERVALS. COORDINATE CONNECTIONS TO THE DEDICATED 120 VAC DUPLEX OUTLET WITH ELECTRICAL CONTRACTOR. PROVIDE 24 HOUR BATTERY BACKUP IN THE CELLULAR COMMUNICATOR. PROVIDE TRANSIENT SURGE SUPPRESSION FOR THE CELLULAR COMMUNICATOR. COORDINATE ALL PROGRAMMING, SIGNAL TRANSMISSION, AND CONNECTIONS WITH THE OFF-SITE MONITORING STATION.
2. PROVIDE IP-DACT FOR THE SECONDARY MEANS OF SIGNAL TRANSMISSION. PROVIDED CONNECTIONS TO THE ROUTER, SWITCHES, PORT FORWARDING, IP ADDRESSES, ETC. COORDINATING PROGRAMMING, SIGNAL TRANSMISSION, AND CONNECTIONS WITH THE OFF-SITE MONITORING STATION AND ACADEMY SPROTS & OUTDOORS IT DEPARTMENT.
3. PROVIDE A REMOTE LCD ANNUNCIATOR, AS INDICATED IN SPECIFICATION SECTION 16720. COORDINATE EXACT MOUNTING LOCATION WITH THE GENERAL CONTRACTOR, OWNER, AND AHJ PRIOR TO INSTALLATION.
4. MOUNT THE EXTERIOR WATERFLOW NOTIFICATION APPLIANCE AT 10 FEET ABOVE GRADE. COORDINATE EXACT MOUNTING LOCATION WITH THE GENERAL CONTRACTOR, OWNER, AND AHJ PRIOR TO INSTALLATION.
5. PROVIDE REMOTE TEST STATIONS/ANNUNCIATORS AS REQUIRED FOR ALL DUCT SMOKE DETECTORS. PROVIDE ANY REQUIRED POWER CABLING CONNECTIONS TO DETECTORS AND REMOTE TEST STATIONS/ANNUNCIATORS. MOUNT THE REMOTE TEST STATIONS/ANNUNCIATORS ON AN ADJACENT COLUMN OR WALL, AND AT AN ACCESSIBLE LOCATION THAT DOES NOT CONFLICT WITH STORE FIXTURES. COORDINATE EXACT MOUNTING LOCATIONS WITH THE GENERAL CONTRACTOR, OWNER, AND AHJ PRIOR TO INSTALLATION.
6. PROVIDE INTERFACE SIGNALS TO THE PUBLIC ADDRESS SOUND SYSTEM HEAD-END EQUIPMENT FOR BOGEN SYSTEM OVERRIDE (AS INDICATED IN THE PROGRAMMING MATRIX). COORDINATE INTERFACE CONNECTIONS WITH THE ELECTRICAL AND TELECOMMUNICATION SYSTEM CONTRACTORS.
7. DUCT DETECTOR IS NOT REQUIRED OR PROVIDED IN THIS HVAC UNIT. DUCT DETECTORS ARE ONLY REQUIRED IN RTU'S THAT HAVE A DESIGN CAPACITY GREATER THAN 2,000 CFM AND ARE CAPABLE OF SPREADING SMOKE BEYOND THE ENCLOSING WALLS, FLOORS, AND CEILINGS IN ACCORDANCE WITH THE 606.2 EXCEPTION OF THE INTERNATIONAL MECHANICAL CODE.

ADDRESSING LEGEND

L01M01

MODULE/DEVICE NUMBER

SIGNALING LINE CIRCUIT (SLC)

L = LOOP
M = MODULE
D = DEVICE

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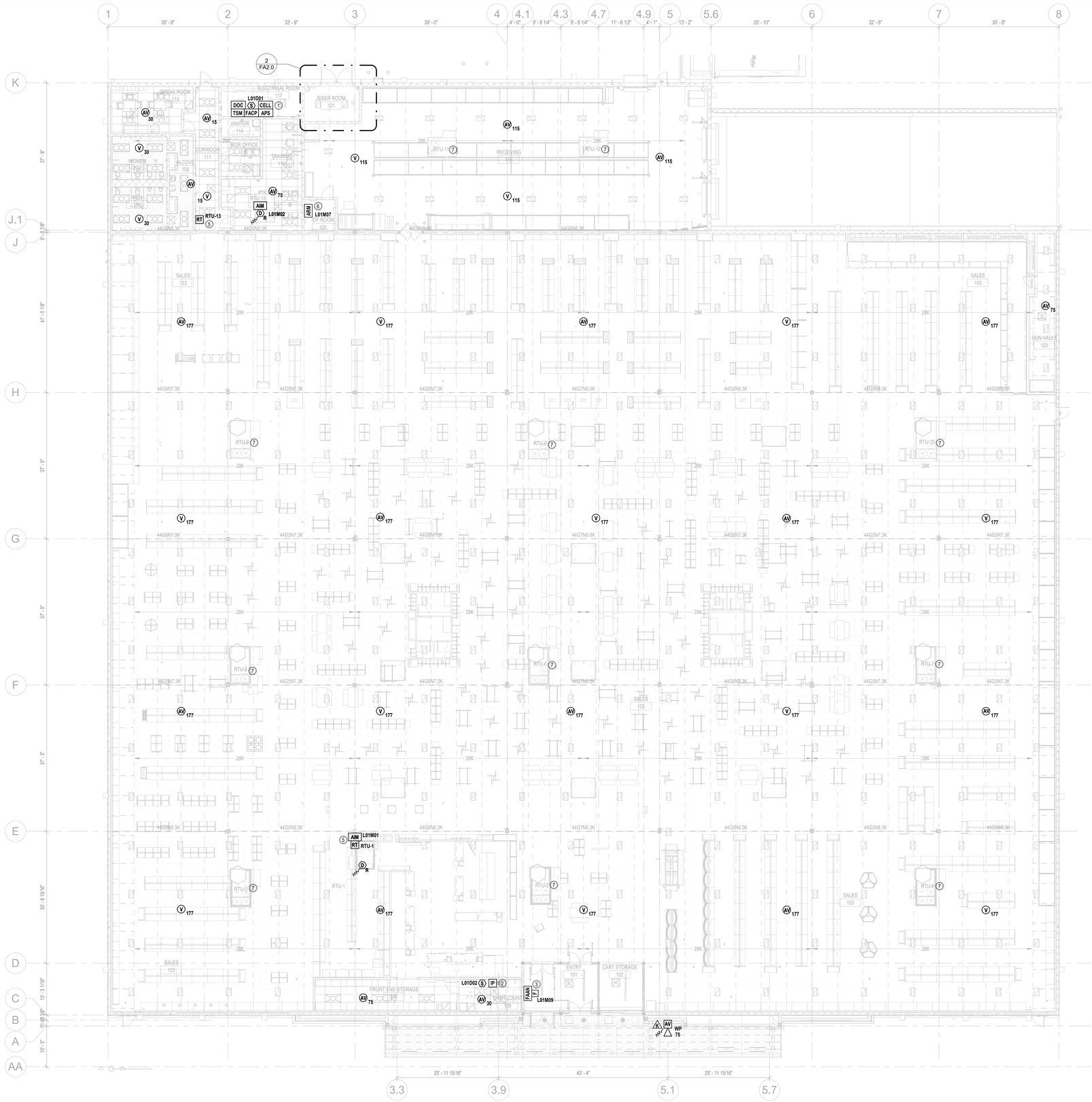
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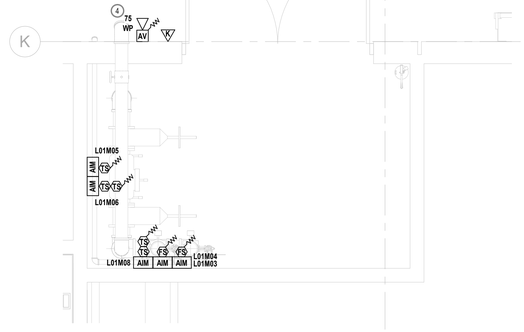
COVER SHEET

SHEET: FA1.0



1 MAIN FLOOR - FIRE ALARM PLAN

SCALE: 3/32" = 1'-0"



2 ENLARGED RISER ROOM

SCALE: 3/8" = 1'-0"

FIRE ALARM SYMBOL KEY	
FACP	ADDRESSABLE FIRE ALARM CONTROL PANEL
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S	PHOTOELECTRIC SMOKE DETECTOR (INTELLIGENT)
D R	DUCT-TYPE PHOTOELECTRIC SMOKE DETECTOR (CONVENTIONAL) (R= RETURN SIDE) (BY OTHERS)
FS	FLOW SWITCH (BY OTHERS)
TS	TAMPER SWITCH (BY OTHERS)
AIM	ADDRESSABLE INPUT MODULE
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AV XX	WALL MOUNTED AUDIBLE/VISUAL APPLIANCE (XX = CANDELA RATING) (RED COLOR) (LABELED "FIRE") (WP = WEATHER PROOF)
AV	CEILING MOUNTED AUDIBLE/VISUAL APPLIANCE (XX = CANDELA RATING) (RED COLOR) (LABELED "FIRE")
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RT	REMOTE TEST STATION
K	KNOX BOX
EOL	END OF LINE RESISTOR

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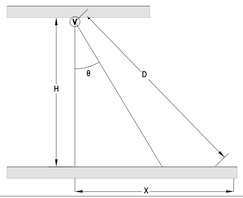
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OVERALL FIRE ALARM PLAN

SHEET: FA2.0

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SYMBOL LEGEND:

C = LIGHT OUTPUT (CANDELA) AT UL ANGLE θ
θ = ANGLE OFF THE AXIS FROM UL 1971
D = DISTANCE FROM SOURCE (FEET)
L = LIGHT INTENSITY (MINIMUM 0.0375 LUMENS/SQUARE FOOT) (NFPA 72, PERFORMANCE-BASED ALTERNATIVE)
X = HORIZONTAL DISTANCE OFF THE AXIS (FEET)
H = VERTICAL DISTANCE OF LIGHT SOURCE FROM FLOOR (FEET)

EQUATIONS:

$\theta = \tan^{-1}(X/H)$

$X = \sqrt{D^2 - H^2}$

$L = C/D^2 \geq 0.0375$

DISTANCE CHART

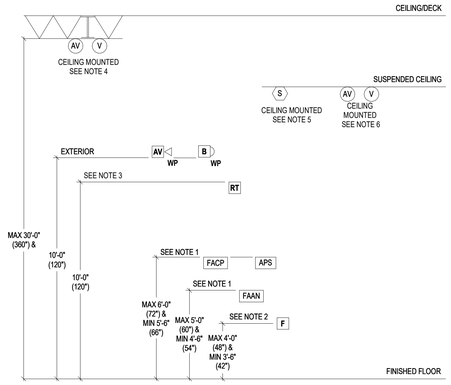
H (FEET)	X (FEET)					
	15 CD	30 CD	75 CD	95 CD	115 CD	177 CD
8	8.7	14.7	25.2	26.4	29.3	36.8
9	8.9	15.5	24.9	28.4	29.0	36.5
10	7.7	14.8	24.5	28.0	31.2	36.3
11	7.7	15.5	24.1	27.7	30.9	36.0
12	6.0	14.7	23.6	27.3	30.5	36.8
13	7.1	16.5	23.0	26.8	30.5	38.5
14	4.9	15.6	24.6	26.3	29.6	38.2
15	-	14.7	24.0	28.1	29.1	37.8
16	-	13.6	23.3	27.5	31.2	37.4
17	-	17.6	24.7	26.9	30.6	36.9
18	-	16.6	24.0	26.3	30.0	36.4
19	-	15.5	23.2	27.9	29.4	35.9
20	-	14.1	22.4	27.2	31.3	38.6
21	-	12.6	25.7	26.4	30.6	38.0
22	-	10.8	24.8	25.6	29.9	37.5
23	-	8.4	23.9	29.4	29.2	36.9
24	-	12.0	22.9	28.6	28.4	39.3
25	-	9.7	21.8	27.7	32.6	38.7
26	-	6.6	20.6	26.8	31.8	38.1
27	-	-	27.8	25.8	30.9	37.3
28	-	-	26.8	24.7	30.0	36.6
29	-	-	25.7	23.5	29.1	35.8
30	-	-	24.5	31.6	28.0	35.0

UL TABLE FOR CANDELA OUTPUT

ANGLE	UL %	C (CANDELA)					
		15 CD	30 CD	75 CD	95 CD	115 CD	177 CD
0	100%	15.0	30.0	75.0	95.0	115.0	177.0
5	90%	13.5	27.0	67.5	85.5	103.5	159.3
10	90%	13.5	27.0	67.5	85.5	103.5	159.3
15	90%	13.5	27.0	67.5	85.5	103.5	159.3
20	90%	13.5	27.0	67.5	85.5	103.5	159.3
25	90%	13.5	27.0	67.5	85.5	103.5	159.3
30	75%	11.3	22.5	56.3	71.3	86.3	132.8
35	75%	11.3	22.5	56.3	71.3	86.3	132.8
40	75%	11.3	22.5	56.3	71.3	86.3	132.8
45	75%	11.3	22.5	56.3	71.3	86.3	132.8
50	55%	8.3	16.5	41.3	52.3	63.3	97.4
55	45%	6.8	13.5	33.8	42.8	51.8	79.7
60	40%	6.0	12.0	30.0	38.0	46.0	70.8
65	35%	5.3	10.5	26.3	33.3	40.3	62.0
70	35%	5.3	10.5	26.3	33.3	40.3	62.0
75	30%	4.5	9.0	22.5	28.5	34.5	53.1
80	80%	4.5	9.0	22.5	28.5	34.5	53.1
85	25%	3.8	7.5	18.8	23.8	28.8	44.3
90	25%	3.8	7.5	18.8	23.8	28.8	44.3

1 CEILING MOUNTED STROBE DISTANCE CALCULATIONS

SCALE: NOT TO SCALE

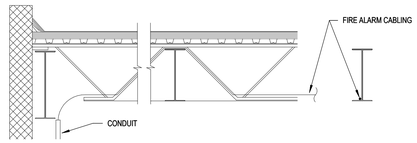


NOTES:

1. COORDINATE EXACT MOUNTING HEIGHT OF CONTROL PANELS, ANNUNCIATORS, AND POWER SUPPLIES WITH THE GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR AND AHJ PRIOR TO INSTALLATION.
2. MEASURED TO THE OPERABLE PART OF THE PULL STATION.
3. COORDINATE EXACT MOUNTING HEIGHT OF REMOTE TEST STATIONS WITH THE GENERAL CONTRACTOR, ELECTRICAL CONTRACTOR AND AHJ PRIOR TO INSTALLATION.
4. WHERE INDICATED ON THE DRAWINGS - LOCATE CEILING MOUNTED NOTIFICATION APPLIANCES ON BOTTOM OF BEAMS OR JOISTS; WITH CLEAR LINE OF SITE IN ALL DIRECTIONS; NO GREATER THAN THIRTY (30) FEET ABOVE THE FINISHED FLOOR; AND AS INDICATED IN NFPA 72.
5. WHERE INDICATED ON THE DRAWINGS - LOCATE CEILING MOUNTED SMOKE DETECTORS FLUSH WITH THE SUSPENDED CEILING; AND AS INDICATED IN NFPA 72.
6. WHERE INDICATED ON THE DRAWINGS - LOCATE CEILING MOUNTED NOTIFICATION APPLIANCES FLUSH WITH THE SUSPENDED CEILING; ALIGNED WITH LIGHTING, SPRINKLERS, AND OTHER ARCHITECTURAL FIXTURES; WITH CLEAR LINE OF SITE IN ALL DIRECTIONS.

2 MOUNTING HEIGHT DETAIL

SCALE: NOT TO SCALE

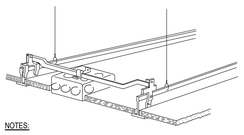


NOTES:

1. ALL OPEN FIRE ALARM CABLING SHALL BE CONCEALED FROM PUBLIC VIEW.

3 OPEN FIRE ALARM CABLING DETAIL1

SCALE: NOT TO SCALE

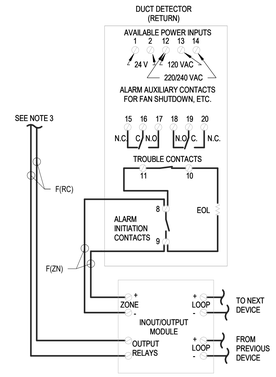


NOTES:

1. DEVICES AND APPLIANCES SHALL NOT BE SUPPORTED BY CEILING TILES.
2. DEVICES AND APPLIANCES MUST BE ATTACHED TO A MANUFACTURE APPROVED BACKBOX SUPPORTED BY THE CEILING GRID UTILIZING AN APPROPRIATE SUPPORT BAR.
3. THE CEILING MOUNTED DEVICES AND APPLIANCES SHALL BE INSTALLED ALIGNED AESTHETICALLY WITH THE CEILING LIGHTING, SPRINKLERS, AND OTHER FIXTURES AS SHOWN ON FLOOR PLANS.
4. DETECTORS SHALL BE LOCATED MORE THAN THREE (3) FEET FROM AIR SUPPLY DIFFUSERS OR RETURN AIR OPENINGS AS INDICATED IN NFPA 72.

4 JUNCTION BOX MOUNTING DETAIL

SCALE: NOT TO SCALE

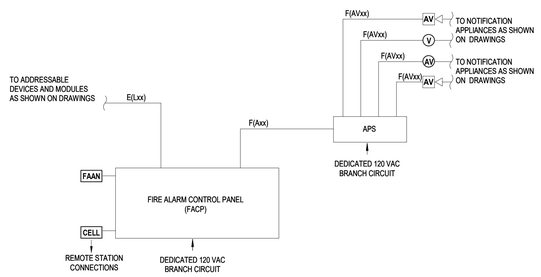


NOTES:

1. THE FACP SHALL SUPERVISE ALL POWER CONNECTIONS AND TROUBLE CONDITIONS.
2. LOSS OF POWER TO A DUCT DETECTOR (AHU SUPPLIED POWER) SHALL TRANSMIT A TROUBLE CONDITION TO THE FACP.
3. PROVIDE WIRING TO HVAC CONTROLS FOR GLOBAL SHUTDOWN THROUGH RELAY CONTACTS. COORDINATE WITH TEMPERATURE CONTROLS, MECHANICAL, ELECTRICAL, AND GENERAL CONTRACTORS.

5 DUCT DETECTOR WIRING DETAIL

SCALE: NOT TO SCALE

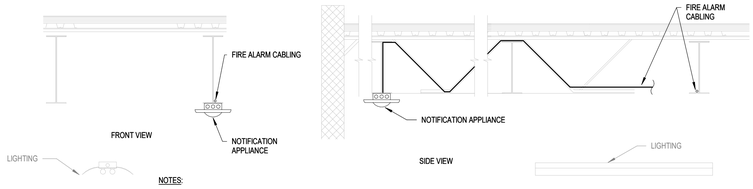


NOTES:

1. PROVIDE DEDICATED 120 VAC CIRCUITS TO THE FACP AND EACH APS. LABEL THE DEDICATED CIRCUITS "FIRE ALARM SYSTEM". PROVIDE 24 HOUR BATTERY BACKUP IN THE FACP AND EACH APS.
2. PROVIDE TWO (2) MEANS OF SIGNAL TRANSMISSION TO THE OFF-SITE MONITORING FACILITY FOR MONITORING OF POINT SPECIFIC ALARM, SUPERVISORY, AND TROUBLE CONDITIONS. PROVIDE 24 HOUR BATTERY BACKUP IN THE CELLULAR COMMUNICATOR.
3. PROVIDE SYNCHRONIZATION OF ALL VISUAL NOTIFICATION APPLIANCE CIRCUITS THROUGHOUT THE BUILDING. PROVIDE ALL REQUIRED SYNCHRONIZATION MODULES. PROVIDE MULTI-SYNC MODE SLAVE CONNECTIONS, AS REQUIRED, TO ALL AUXILIARY POWER SUPPLIES (APS).

6 RISER DIAGRAM

SCALE: NOT TO SCALE

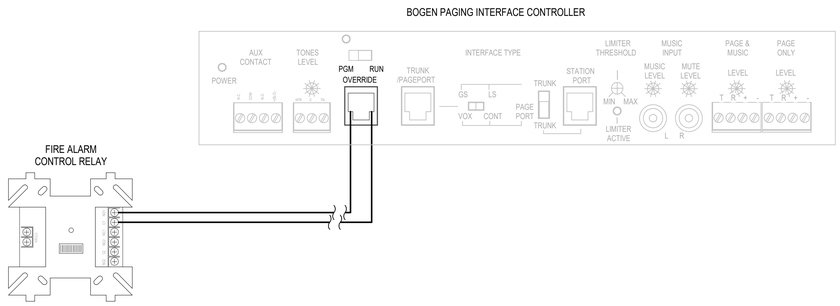


NOTES:

1. ALL NOTIFICATION APPLIANCES IN AREAS EXPOSED TO THE DECK SHALL BE MOUNTED TO THE BOTTOM CORD OF THE JOIST.
2. EXACT LOCATIONS OF APPLIANCES SHALL BE SUFFICIENTLY DISTANT FROM VERTICAL SURFACES AND HANGING ITEMS TO PERMIT MAXIMUM VIEWING IN ALL DIRECTIONS.

7 AREA EXPOSED TO DECK - BOTTOM OF JOIST NOTIFICATION APPLIANCE MOUNTING DETAIL

SCALE: NOT TO SCALE



8 BACKGROUND MUSIC SHUTDOWN DETAIL

SCALE: NOT TO SCALE

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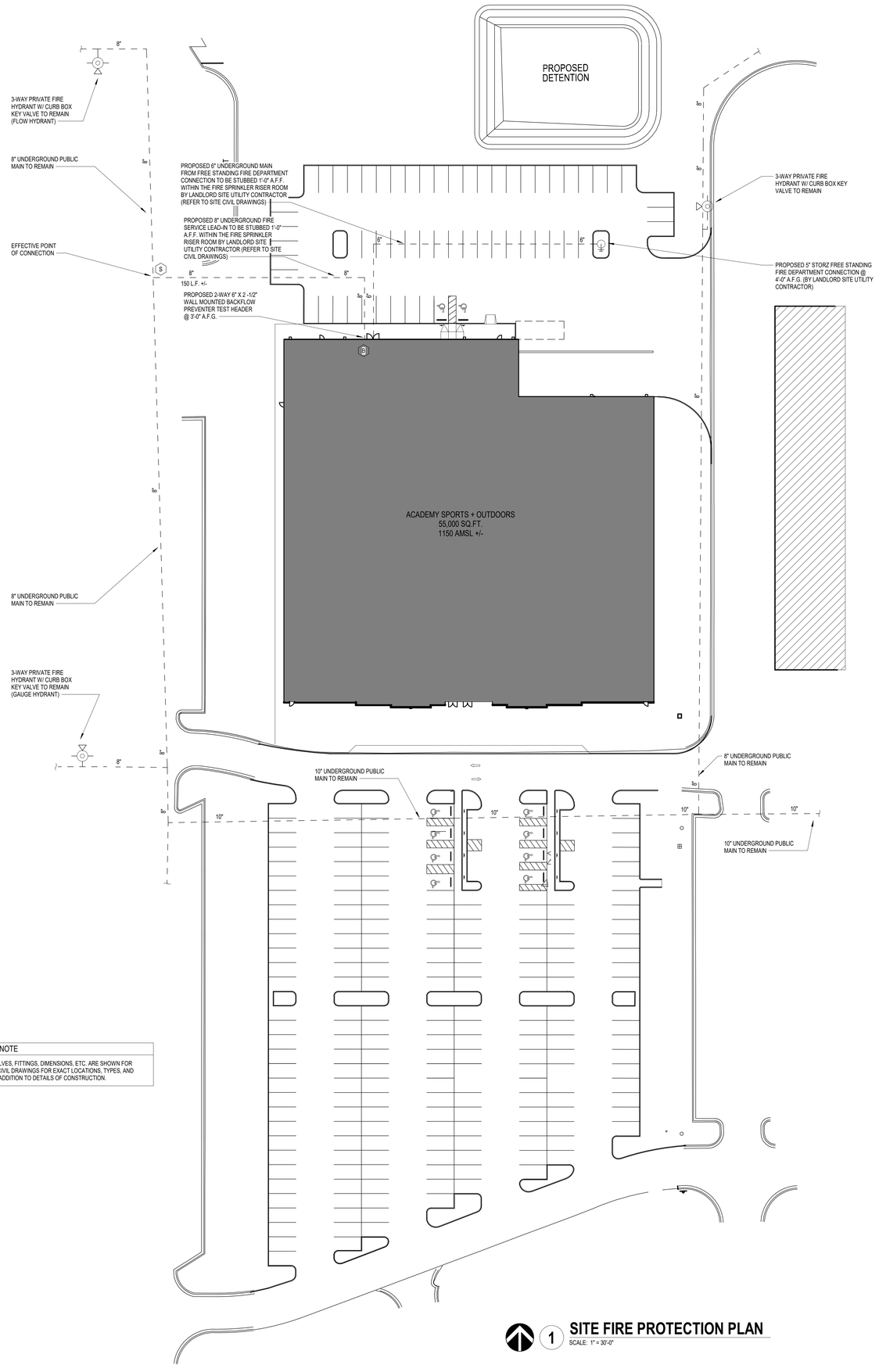
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COMMISSION EXPIRES: 06-30-26

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DETAILS

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UNDERGROUND PIPING NOTE

ALL UNDERGROUND PIPING, VALVES, FITTINGS, DIMENSIONS, ETC. ARE SHOWN FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR EXACT LOCATIONS, TYPES, AND SIZES OF ALL COMPONENTS IN ADDITION TO DETAILS OF CONSTRUCTION.

1 SITE FIRE PROTECTION PLAN
SCALE: 1" = 30'-0"

GENERAL NOTES

1. PROVIDE ALL NECESSARY OFFSETS, RAISES OR DROPS IN FIRE SPRINKLER PIPING AND AUXILIARY DRAINS REQUIRED BY BUILDING CONDITIONS.
2. EXAMINE THE JOB CONDITIONS AND VERIFY ALL MEASUREMENTS, DISTANCES, ELEVATIONS, CLEARANCES, PIPE SIZES, ETC.
3. ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, AND ELECTRICAL BACKGROUND INFORMATION IS SHOWN FOR COORDINATION PURPOSES ONLY. REFER TO THE PROPER DRAWINGS FOR EXACT LOCATIONS, SIZES AND QUANTITIES OF OTHER TRADES' WORK.
4. THE ENGINEERING DRAWINGS HAVE BEEN PREPARED USING REVIT. THE DRAWINGS ARE 100% BIM. THE HYDRAULIC CALCULATIONS HAVE BEEN PREPARED USING HASS. THESE DOCUMENTS WILL BE MADE AVAILABLE TO THE SUCCESSFUL FIRE SPRINKLER CONTRACTOR IN EITHER ELECTRONIC FORM OR HARD COPY.
5. FIRE SPRINKLERS NEAR A HEAT SOURCE (UNIT HEATER, DIFFUSERS, STEAM MAINS, SKYLIGHTS, ETC.) SHALL HAVE TEMPERATURE RATINGS IN ACCORDANCE WITH NFPA 13.
6. SPRINKLER PIPING 1 1/4" AND SMALLER SHALL BE SCHEDULE 40.
7. SPRINKLER PIPING 1 1/2" AND LARGER SHALL BE SCHEDULE 10.
8. PROVIDE CORROSION RESISTANT SPRINKLERS WHERE REQUIRED IN ACCORDANCE WITH NFPA 13 AND LOCAL AUTHORITY.

WATER SUPPLY INFORMATION

FIRE PROTECTION WATER SUPPLY HAS BEEN OBTAINED FROM A HYDRANT FLOW TEST PERFORMED ON OCTOBER 6, 2025 BY VSC FIRE & SECURITY. THE WATER SUPPLY SHALL BE CONSIDERED EFFECTIVE AT THE INTERSECTION OF THE GAUGED HYDRANT'S MAIN WITH THE FLOW HYDRANT MAIN. THE APPROXIMATE WATER SUPPLY ELEVATION IS EVEN WITH THE FINISHED FLOOR. NO SUBSTITUTIONS OF WATER SUPPLY DATA OR ITS EFFECTIVE POINT WILL BE ALLOWED.

ACTUAL STATIC:	60 PSI
ACTUAL RESIDUAL:	57 PSI
ACTUAL FLOW:	1,928 GPM

THE ABOVE WATER SUPPLY COORDINATES DO NOT INCLUDE THE REQUIRED 10% FROM THE STATIC PRESSURE SAFETY FACTOR THAT SHALL BE ENFORCED BY THE AHJ AND ACADEMY SPORTS. THE COORDINATES BELOW HAVE BEEN ADJUSTED -6 PSI FOR THE REQUIRED SAFETY FACTOR:

DESIGN STATIC:	54 PSI
DESIGN RESIDUAL:	51 PSI
DESIGN FLOW:	1,928 GPM

FIRE DEPARTMENT CONNECTION NOTES

1. THE FIRE DEPARTMENT CONNECTION SHALL BE LOCATED WHERE SHOWN ON THE FIRE PROTECTION DRAWINGS IN AN ACCESSIBLE LOCATION.
2. THE FIRE DEPARTMENT CONNECTION SHALL BE INSTALLED AT A MINIMUM OF 18 IN. AND A MAXIMUM OF 48 IN. ABOVE THE FINISHED GRAGE.
3. THE FIRE DEPARTMENT CONNECTION SHALL CONSIST OF 1 - 5 IN. STORZ OUTLET.
4. THE SUPPLY LINE FROM THE FIRE DEPARTMENT CONNECTION TO THE RISER MANIFOLD SHAL BE A MINIMUM OF 4 IN. DIAMETER PIPE.
5. PROVIDE A FIRE HYDRANT WITHIN 150'-0" OF THE FIRE DEPARTMENT CONNNECTION.
6. PROVIDE AN EXTERIOR AUDIBLE / VISUAL APPLIANCE AT 7'-0" ABOVE FINISHED GRADE. THIS DEVICE SHALL ACTIVATE ON WATERFLOW ONLY.
7. PROVIDE PROPER SIGNAGE AT THE FIRE DEPARTMENT CONNECTION AS REQUIRED BY NFPA 13.

FM GLOBAL REQUIREMENTS

1. CONTRACTOR TO SEND ONE (1) SET OF FIRE SPRINKLER SUBMITTALS (DRAWINGS, CALCULATIONS, EQUIPMENT LITERATURE, ETC.) TO ARCHITECT AND ACADEMY ON THE TRANSMITTAL (ENGDALLASPLANREVIEW@FMGLOBAL.COM)
2. CONTRACTOR SHALL COMPLY WITH FM GLOBAL DESIGN CRITERIA. INCLUDING BUT NOT LIMITED TO FM GLOBAL PROPERTY LOSS PREVENTION DATA SHEETS.

DESIGN CRITERIA

OFFICE AREAS, RESTROOMS, BREAKROOM, ETC (LIGHT HAZARD WET PIPE FIRE SPRINKLER SYSTEM):

DENSITY - 0.10 GPM/SQ FT
OPERATING AREA - 1,500 SQ FT
TEMP. CLASSIFICATION / NOMINAL K-FACTOR / RESPONSE TYPE - ORD / 5.6 / QR
HOSE STREAM ALLOWANCE - 100 GPM
DURATION – 0.50 HRS

FRONT ENTRANCE CANOPY (ORDINARY HAZARD GROUP II DRY PIPE SPRINKLER SYSTEM):

DENSITY - 0.20 GPM/SQ FT
OPERATING AREA - 1,500 SQ FT
TEMP. CLASSIFICATION / NOMINAL K-FACTOR / RESPONSE TYPE - INT / 5.6 / SR
HOSE STREAM ALLOWANCE - 250 GPM
DURATION – 1.0 HRS

NFPA 13 DESIGN CRITERIA FOR SALES FLOOR, GUN VAULT, ENTRY VESTIBULE AND CUSTOMER SERVICE AREAS (ORDINARY HAZARD GROUP II WET PIPE SPRINKLER SYSTEM):

DENSITY – 0.20 GPM/SQ FT
OPERATING AREA – 1,500 SQ FT
TEMP. CLASS. / NOMINAL K-FACTOR / RESPONSE TYPE – ORD / VARIES / EC
HOSE STREAM ALLOWANCE - 250 GPM
DURATION – 1.0 HRS

FM GLOABAL DESIGN CRITERIA FOR SALES FLOOR, GUN VAULT, ENTRY VESTIBULE AND CUSTOMER SERVICE AREAS (PROVIDE IN ACCORDANCE WITH FMDS 3-26 HAZARD CLASS 2 FOR A WET PIPE FIRE SPRINKLER SYSTEM):

PRIMARY DENSITY – 0.20 GPM/SQ FT
SECONDARY DENSITY – 0.30 GPM/SQ FT
PRIMARY OPERATING AREA – 2,500 SQ FT
SECONDARY OPERATING AREA – 1,000 SQ FT
TEMP. CLASS. / NOMINAL K-FACTOR / RESPONSE TYPE – ORD / VARIES / EC
HOSE STREAM ALLOWANCE - 250 GPM
DURATION – 1.0 HRS

FM DESIGN CRITERIA (2,500 SQ. FT.) IS MORE DEMANDING THAN NFPA (1,500 SQ. FT.) DUE TO A LARGER DESIGN AREA. THEREFORE, CALCULATING FM CRITERIA SATISFIES NFPA.

FM GLOABAL DESIGN CRITERIA FOR RECEIVING AREAS (PROVIDE PROTECTION IN ACCORDANCE WITH FMDS 8-9, TABLE 8 FOR A WET PIPE FIRE SPRINKLER SYSTEM TO PROTECT STORAGE OF CLASS IV CARTONED UNEXPANDED COMMODITIES IN OPEN-FRAME RACK STORAGE WITH A MAXIMUM DECK HEIGHT):

END HEAD PRESSURE – 22 PSI MIN.
NUMBER OF OPERATING HEADS – 6 HEADS
TEMP. CLASSIFICATION / NOMINAL K-FACTOR / RESPONSE TYPE – ORD / 25.2 / EC
HOSE STREAM ALLOWANCE - 250 GPM
DURATION – 1.0 HRS

NFPA 13 DESIGN CRITERIA FOR RECEIVING AREAS (PROVIDE PROTECTION IN ACCORDANCE WITH NFPA 13, TABLE 21.5.1.1 FOR A WET PIPE FIRE SPRINKLER SYSTEM TO PROTECT STORAGE OF CARTONED UNEXPANDED GROUP A PLASTIC COMMODITIES UP TO 12'-0" WITH 8 FT AISLES):

DENSITY – 0.45 GPM/SQ FT
OPERATING AREA – 2,000 SQ FT
TEMP. CLASS. / NOMINAL K-FACTOR / RESPONSE TYPE – ORD / 25.2 / EC
HOSE STREAM ALLOWANCE - 250 GPM
DURATION – 1.0 HRS

NFPA DESIGN CRITERIA (6 HEADS @ 30 PSI) IS MORE DEMANDING THAN FM (6 HEADS @ 22 PSI). THEREFORE, CALCULATING NFPA CRITERIA SATISFIES FM.

SPRINKLER SPACING SHALL BE AS SHOWN ON THE ENGINEERING DRAWINGS.

- ACOUSTICAL TILE - LOCATE SPRINKLERS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS. NOT MORE THAN A 3 IN. RADIUS TOLERANCE ABOUT THE POINT IDENTIFIED BY DIMENSION WILL BE ACCEPTED. WHERE ROWS OF SPRINKLERS ARE PROVIDED WITHIN THE SAME CEILING PLANE, ANY PART OF THE TOLERANCE USED FOR ONE SPRINKLER SHALL BE THE SAME FOR ALL OTHERS IN THAT SAME ROW.
- HARD CEILINGS - LOCATE SPRINKLERS IN ACCORDANCE WITH THE ENGINEERING DRAWINGS. SPRINKLERS SHALL BE IN LINE WITH LIGHT FIXTURES AND OTHER SPRINKLERS WHERE INDICATED ON THE DRAWINGS. COORDINATE CLOSELY WITH THE ELECTRICAL CONTRACTOR.
- UNFINISHED AREAS - LOCATE SPRINKLERS AS SHOWN ON THE ENGINEERING DRAWINGS.

APPLICABLE CODES

1. 2021 ARKANSAS FIRE PREVENTION CODE, VOLUME I - FIRE
2. 2021 ARKANSAS FIRE PREVENTION CODE, VOLUME II - BUILDING
3. 2019 NFPA 13 - STANDARD FOR INSTALLATION OF SPRINKLER SYSTEMS
4. FM GLOBAL 8-9 - STORAGE OF CLASS I-IV AND PLASTIC COMMODITIES
5. FM GLOBAL 3-26 - FIRE PROTECTION FOR NONSTORAGE OCCUPANCIES

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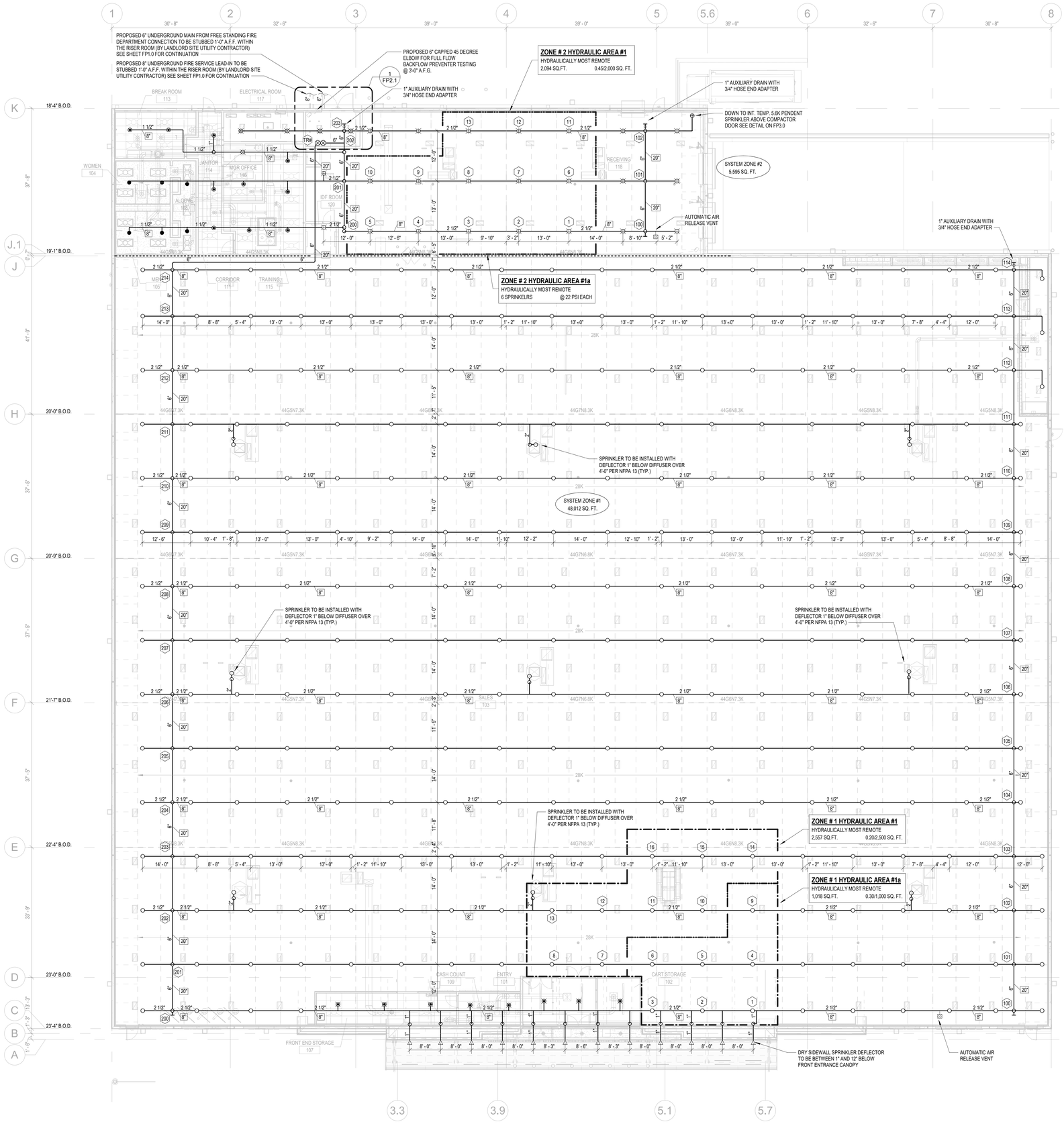
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SITE FIRE PROTECTION PLAN

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1 OVERALL FIRE SPRINKLER PLAN

SCALE: 3/32" = 1'-0"

SYMBOL KEY

- UNDERGROUD PIPING
- NEW PIPING
- CENTER LINE OF SPRINKLER: ALIGN WITH LIGHTS AND/OR OTHER FIRE SPRINKLERS: COORDINATE WITH OTHER TRADES.
- XX' PIPE CENTERLINE ELEVATION BELOW FLOOR / ROOF DECK
- RISE FROM LEFT TO RIGHT AND DROP FROM RIGHT TO LEFT
- CAPPED PIPE
- 1" AUXILIARY DRAIN WITH 3/4" HOSE END ADAPTER
- FIRE SPRINKLER SYSTEM ZONE LINE
- XX HYDRAULIC REFERENCE POINT
- ADJACENT TENANT (NOT IN SCOPE)

SPRINKLER LEGEND

SYMBOL	SPRINKLER TYPE	TEMP.	K.	RESP.	QTY.
	EXTENDED COVERAGE BRASS UPRIGHT	ORD	25.2	EC	23
	EXTENDED COVERAGE BRASS UPRIGHT	ORD	14.0	EC	271
	EXTENDED COVERAGE RECESSED PENDENT	ORD	14.0	QR	8
	BRASS UPRIGHT	INT	8.0	QR	5
	WHITE RECESSED PENDENT	ORD	5.6	QR	10
	CHROME PENDENT	INT	5.6	QR	1
	WHITE CONCEALED PENDENT	ORD	5.6	QR	6
	DRY BRASS HORIZONTAL SIDEWALL	INT	5.6	SR	12

HANGER NOTES

1. COORDINATE ALL HANGER TYPES AND LOCATIONS WITH THE STRUCTURAL ENGINEER OF RECORD.
2. PIPES LARGER THAN 4 IN. RUNNING PARALLEL TO BAR JOISTS SHALL BE HUNG FROM TRAPEZE HANGERS SUPPORTED NEARLY EQUALLY BY TWO JOISTS.
3. ONLY ONE PIPE SHALL BE SUPPORTED FROM A SINGLE TRAPEZE HANGER UNLESS OTHERWISE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD.
4. HANGERS WITH MORE THAN 150 POUNDS OF LOAD SHOULD BE ATTACHED TO THE JOIST AT A PANEL POINT.
5. HANGERS SHALL NOT BE ATTACHED TO THE ROOF DECK.
6. SPRIGS 4 FT OR LONGER SHALL BE RESTRAINED AGAINST LATERAL MOVEMENT.

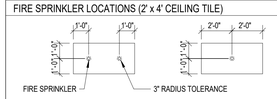
PIPING ELEVATION NOTE

1. ALL HORIZONTAL BRANCH LINE AND MAIN PIPING SHALL BE ROUTED ABOVE THE BOTTOM CHORD OF THE OPEN WEB BAR JOIST. SEE SHEET FP2.0 FOR APPROXIMATE ELEVATION OF BRANCH LINE AND MAIN PIPING.
2. ALL FIRE SPRINKLER PIPING DROPS BELOW THE BOTTOM CHORD OF THE JOIST SHALL BE COORDINATED WITH ACADEMY SPORTS CONTRUCTION PROJECT MANAGER AND CCI PRIOR TO INSTALLATION. PIPE ELEVATIONS ON PLANS SHOULD BE FOLLOWED. ONLY SLIGHT ADJUSTMENTS UP OR DOWN TO MATCH FIELD CONDITIONS WILL BE ACCEPTED.

FIRE SPRINKLER BELOW OBSTRUCTION NOTE

PROVIDE FIRE SPRINKLER PROTECTION BELOW DUCTS, DUCT ENCLOSURES AND ANY OTHER OBSTRUCTIONS IN EXPOSED STRUCTURE AREAS PER NFPA 13, WHETHER OR NOT SHOWN ON THE DRAWINGS.

FIRE SPRINKLER LOCATIONS (2' x 4' CEILING TILE)



NOTE:

1. FIRE SPRINKLERS SHALL BE POSITIONED AS SHOWN WITH A 3" TOLERANCE. HOWEVER, SHOULD ANY PART OF THE TOLERANCE BE USED, THEN ALL THE FIRE SPRINKLERS IN THE ROW SHALL BE OFFSET BY THE SAME DISTANCE IN THE SAME DIRECTION.

FIRE SPRINKLER PIPE ROUTING IN ELECTRICAL ROOMS NOTE

PIPING SHALL NOT BE ROUTED OVER THE TOP OF ELECTRICAL EQUIPMENT. ADJUST PIPING AS NEEDED TO COMPLY WITH THE NEC DEDICATED SPACE RULES.

MECHANICAL COORDINATION NOTE

COORDINATE CLOSELY WITH MECHANICAL CONTRACTOR TO COORDINATE PIPING AND SPRINKLER LOCATIONS WITH DUCTWORK. FIRE SPRINKLERS SHALL MEET OBSTUCTION REQUIREMENTS PER NFPA 13.

CONDUIT NOTE

COORDINATE WITH THE ELECTRICAL CONTRACTOR THE LOCATION OF THE CONDUIT ON THE SALES FLOOR TO ENSURE THAT IS NOT AN OBSTUCTION TO THE SPRINKLERS. IF THE CONDUIT IS RAN TIGHT TO THE DECK, THE SPRINKLER DEFLECTORS SHALL BE INSTALLED BELOW THE CONDUIT WITHIN 6 IN. OF THE METAL DECK. IF THE CONDUIT MUST BE RAN BELOW THE SPRINKLERS, THE FOUR TIMES RULE MUST BE FOLLOWED PER NFPA 13, AND THERE MUST BE ENOUGH SPACE BETWEEN THE CONDUIT LINES SO THAT THE CONDUIT LINE IS NOT AN OBSTRUCTION TO THE HAZARD.

SKYLIGHT NOTE

PER NFPA 13, NO SPRINKLERS SHALL BE REQUIRED IN SKYLIGHTS SINCE THEY ARE 32 SQ. FT. OR LESS.

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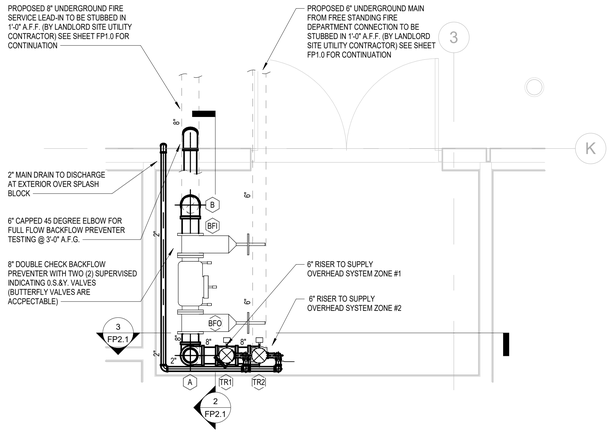
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OVERALL FIRE SPRINKLER PLAN

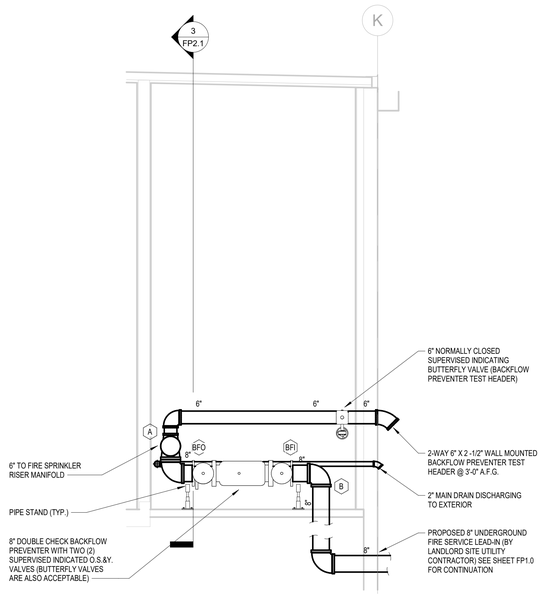
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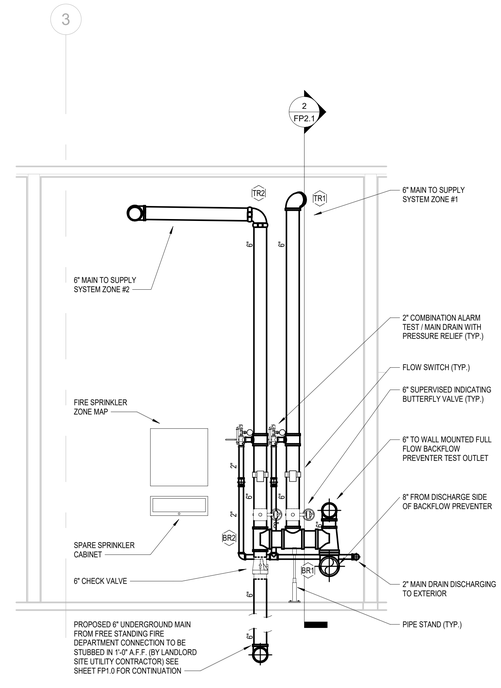
1 ENLARGED FIRE SPRINKLER RISER ROOM

SCALE: 3/8" = 1'-0"



2 ELEVATION AT FIRE SERVICE LEAD-IN

SCALE: 3/8" = 1'-0"



3 ELEVATION AT FIRE SPRINKLER RISER MANIFOLD

SCALE: 3/8" = 1'-0"

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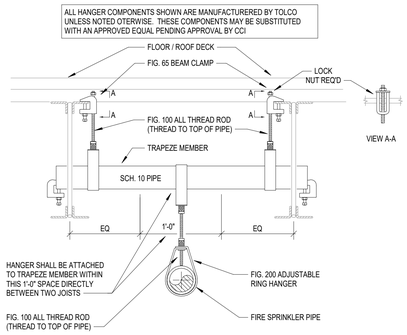
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REGISTERED PROFESSIONAL ENGINEER
No. 16732
William B. Smith

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

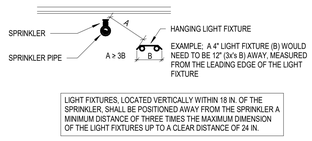
ENLARGED FIRE SPRINKLER PLANS

SHEET: FP2.1

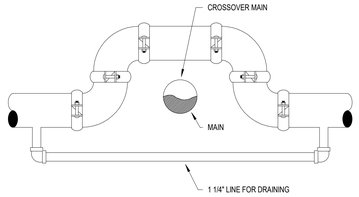
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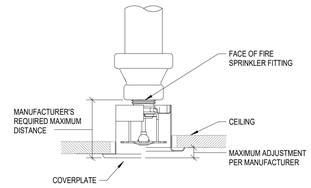
1 TRAPEZE HANGER DETAIL
SCALE: NOT TO SCALE



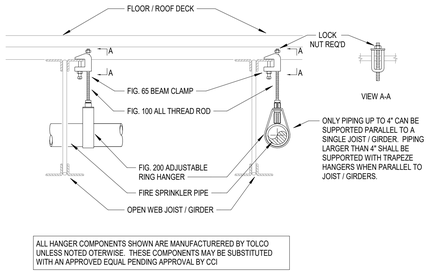
6 TYPICAL LIGHT FIXTURE CLEARANCE REQUIREMENTS FOR STANDARD COVERAGE FIRE SPRINKLERS
SCALE: NOT TO SCALE



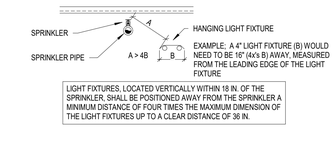
4 PIPING OVER PIPING DETAIL
SCALE: NOT TO SCALE



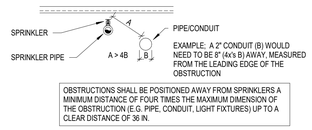
9 VERTICAL TOLERANCES FOR CONCEALED FIRE SPRINKLERS
SCALE: NOT TO SCALE



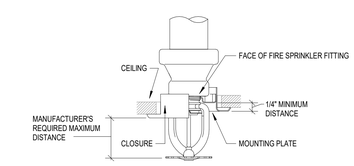
7 OPEN WEB JOIST / GIRDER C-CLAMP WITH RETAINING STRAP HANGER DETAIL
SCALE: NOT TO SCALE



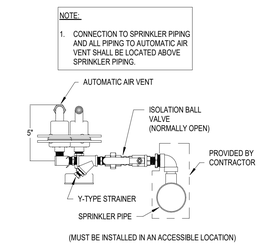
8 TYPICAL LIGHT FIXTURE CLEARANCE REQUIREMENTS FOR EXTENDED COVERAGE FIRE SPRINKLERS
SCALE: NOT TO SCALE



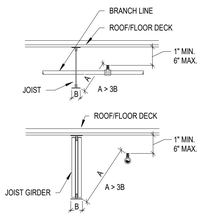
11 TYPICAL PIPE/CONDUIT CLEARANCE REQUIREMENT FOR EXTENDED COVERAGE FIRE SPRINKLERS
SCALE: NOT TO SCALE



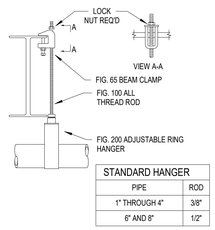
12 VERTICAL TOLERANCES FOR RECESSED FIRE SPRINKLERS
SCALE: NOT TO SCALE



14 ECS - EJECTOR AUTOMATIC AIR VENT INSTALLED AT HIGH POINT OF EACH SYSTEM
SCALE: NOT TO SCALE

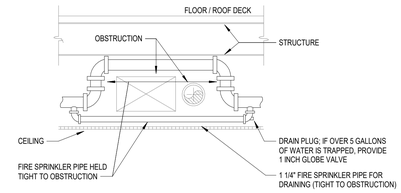


15 JOIST AND GIRDER CLEARANCE (STANDARD COVERAGE UPRIGHT)
SCALE: NOT TO SCALE



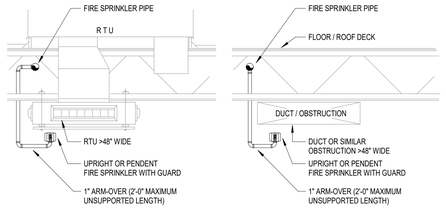
STANDARD HANGER	
PIPE	ROD
1" THROUGH 4"	3/8"
6" AND 8"	1/2"

2 TOP BEAM CLAMP, ROD AND RING - BEAM
SCALE: NOT TO SCALE



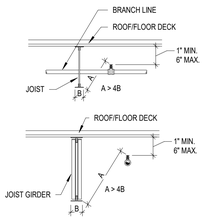
NOTE:
1. OFFSETS BELOW OBSTRUCTIONS ARE PREFERRED. OFFSETS ABOVE OBSTRUCTIONS SHOULD ONLY BE PROVIDED IF REQUIRED TO MAINTAIN HEADROOM CLEARANCE, OR WHEN THE OBSTRUCTION IS CLOSE TO THE CEILING AND THE PIPE CANNOT BE ROUTED BELOW.

13 TYPICAL OFFSET AT OBSTRUCTION
SCALE: NOT TO SCALE

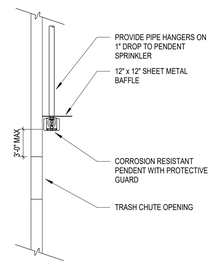


NOTE:
1. FIRE SPRINKLERS SHALL BE INSTALLED BELOW THE OBSTRUCTION OR ADJACENT TO THE OBSTRUCTION NOT MORE THAN 3" FROM THE OUTSIDE EDGE OR THE OBSTRUCTION.

18 FIRE SPRINKLER BELOW DUCT / OBSTRUCTION
SCALE: NOT TO SCALE



19 JOIST AND GIRDER CLEARANCE (EXTENDED COVERAGE UPRIGHT)
SCALE: NOT TO SCALE



16 SPRINKLER AT TRASH COMPACTOR
SCALE: NOT TO SCALE

2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63146-4235
314-991-2633
www.codeconsultants.com

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SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269
DOC DATE: 11/21/25

ISSUE BLOCK

11/21/2025	PERMIT
11/13/2026	BID

CHECKED BY:	WBS
DRAWN BY:	JSH
DOCUMENT DATE:	11/21/25
STORE #:	TBD
ISSUE:	PERMIT

ENGINEER OF RECORD:
WILLIAM B. SMITH, PE
LICENSE NO. 16732

CODE CONSULTANTS, INC.
2043 WOODLAND PKWY. SUITE 300
ST LOUIS, MO 63146-4235
314-991-2633
CORPORATE CERTIFICATE OF AUTHORITY NO. 730

01-14-2026
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 16732
WILLIAM B. SMITH

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

FIRE PROTECTION DETAILS

SHEET:
FP3.0

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Academy SPORTS+OUTDOORS



3299 US 412
SILOAM SPRINGS, AR

PROTOTYPE DESIGN: 2025 Q3 R1

SITE REQUIREMENTS
REFER TO ACADEMY "DESIGN CRITERIA MANUAL" FOR SITE DESIGN REQUIREMENTS FOR ALL ASPECTS OF SITE WORK

DRAWING INDEX

SHEET NUMBER	SHEET NAME	PERMIT SET 11/21/25	BID SET 01/13/26
GENERAL			
G0.00	COVER SHEET	•	•
G0.01	GENERAL NOTES	•	•
G0.02	ABBREVIATIONS AND SYMBOL LEGEND	•	•
G0.03	RBTS PREFERRED VENDORS AND RESPONSIBILITIES	•	•
G0.10	ENERGY COMPLIANCE AND THERMAL BARRIER	•	•
G0.20	EGRESS PLAN AND EXITING CALCULATIONS	•	•
G0.30	ACCESSIBILITY DETAILS	•	•
G0.31	ACCESSIBILITY DETAILS	•	•
G0.32	ACCESSIBILITY DETAILS	•	•
ARCHITECTURAL			
A0.00	SITE PLAN	•	•
A0.10	ENLARGED SITE PLAN	•	•
A0.20	TRUCK DOCK PLANS AND SECTIONS	•	•
A0.30	SITE DETAILS	•	•
A1.00	FLOOR PLAN	•	•
A1.10	BLOCKING PLAN	•	•
A1.20	FIXTURE PLAN	•	•
A1.30	REFLECTED CEILING PLANS	•	•
A1.40	ROOF PLAN	•	•
A2.00	EXTERIOR ELEVATIONS	•	•
A2.10	ENLARGED EXTERIOR ELEVATIONS	•	•
A3.10	WALL TYPES AND DETAILS	•	•
A3.20	EXTERIOR WALL SECTIONS	•	•
A3.21	EXTERIOR WALL SECTIONS	•	•
A3.22	EXTERIOR WALL SECTIONS	•	•
A4.00	ENLARGED PARTIAL ENTRY AREA PLANS AND DETAILS	•	•
A4.10	ENLARGED OFFICE PLANS AND DETAILS	•	•
A4.20	ENLARGED RESTROOM PLANS, ELEVATIONS, AND DETAILS	•	•
A4.30	ENLARGED RECEIVING AREA, SUNGLASS DISPLAY	•	•
A4.40	ENLARGED GUN VAULT PLANS, SECTIONS, AND DETAILS	•	•
A4.41	ENLARGED GUN VAULT ELEVATIONS, SECTIONS, AND DETAILS	•	•
A5.00	DOOR SCHEDULES AND DETAILS	•	•
A5.10	WINDOW SCHEDULE ELEVATIONS AND DETAILS	•	•
A5.20	ROOM FINISH SCHEDULE AND FINISH LEGEND	•	•
A5.30	FLOOR FINISH SCHEDULE AND TAPING PLAN	•	•
A6.00	INTERIOR ELEVATIONS	•	•
A6.01	INTERIOR ELEVATIONS	•	•
A7.01	ARCHITECTURAL DETAILS-EXTERIOR	•	•
A7.02	ARCHITECTURAL DETAILS-INTERIOR	•	•
A7.03	ARCHITECTURAL DETAILS-ROOF	•	•
A7.04	ARCHITECTURAL DETAILS-STOREFRONT	•	•
STRUCTURAL			
S1.0	GENERAL NOTES	•	•
S2.0	FOUNDATION PLAN	•	•
S3.0	ROOF FRAMING PLAN	•	•
S3.1	PARTIAL FOUNDATION AND ROOF FRAMING PLANS	•	•
S4.0	FOUNDATION DETAILS	•	•
S4.1	FOUNDATION DETAILS	•	•
S4.2	FOUNDATION DETAILS	•	•
S4.3	PANEL NOTES AND DETAILS	•	•
S4.4	PANEL DETAILS	•	•
S4.5	ROOF FRAMING NOTES AND DETAILS	•	•
S4.6	ROOF FRAMING DETAILS	•	•
S4.7	ROOF FRAMING DETAILS	•	•
S5.0	SECTIONS	•	•
S5.1	SECTIONS	•	•
S5.2	CANOPY AND KICKER DETAILS	•	•
S5.3	STEEL CANOPY DETAILS	•	•
S5.4	PARTIAL FRAMING ELEVATIONS AND DETAILS	•	•
S6.0	TILT PANEL KEY PLAN	•	•
S6.1	PANEL ELEVATIONS	•	•
S6.2	PANEL ELEVATIONS	•	•
S6.3	PANEL ELEVATIONS	•	•
S6.4	PANEL ELEVATIONS	•	•
MECHANICAL			
M1.00	MECHANICAL OVERALL FLOOR PLAN	•	•
M1.11	MECHANICAL ENLARGED PLANS	•	•
M2.00	MECHANICAL DETAILS	•	•
M3.00	MECHANICAL SCHEDULES	•	•
PLUMBING			
P1.00	PLUMBING OVERALL FLOOR PLAN	•	•
P1.10	PLUMBING ENLARGED PLANS	•	•
P1.20	PLUMBING ROOF PLAN	•	•
P2.00	PLUMBING RISER DETAILS	•	•
P3.00	PLUMBING DETAILS	•	•
P4.00	PLUMBING SCHEDULES	•	•
P5.00P	PLUMBING PLANS PROTO A, B	•	•
ELECTRICAL			
E0.0	ELECTRICAL SYMBOLS	•	•
E1.0	ELECTRICAL LIGHTING PLAN	•	•
E1.1	ENLARGED LIGHTING PLANS	•	•
E1.2	ELECTRICAL SITE PLAN	•	•
E1.3	DIMMING PLAN	•	•
E2.0	ELECTRICAL POWER PLAN	•	•
E2.1	ENLARGED POWER PLANS	•	•
E2.2	ELEC. ROOF PLAN / EMS PLAN AND DETAILS	•	•
E3.0	ONE-LINE DIAGRAM AND SCHEDULES	•	•
E3.1	ELECTRICAL SCHEDULES	•	•
E4.0	INTRUSION DETECTION PLAN	•	•
E4.1	INFORMATION SYSTEMS PLAN	•	•
E4.2	DATA/VOICE/CCTV PLAN	•	•
E4.3	DATA/VOICE/CCTV NOTES	•	•
E4.4	SPEAKER PLAN	•	•
E4.5	IDF LAYOUT PLANS	•	•
E5.0	ELECTRICAL DETAILS	•	•
E5.1	ELECTRICAL DETAILS	•	•
FIRE PROTECTION			
FA1.0	COVER SHEET	•	•
FA2.0	OVERALL FIRE ALARM PLAN	•	•
FA3.0	DETAILS	•	•
FP1.0	SITE FIRE PROTECTION PLAN	•	•

DRAWING INDEX

SHEET NUMBER	SHEET NAME	PERMIT SET 11/21/25	BID SET 01/13/26
FP2.0	OVERALL FIRE SPRINKLER PLAN	•	•
FP2.1	ENLARGED FIRE SPRINKLER PLAN	•	•
FP3.0	FIRE PROTECTION DETAILS	•	•

CODE INFORMATION

REFERENCE CODE

BUILDING CODE	2021 INTERNATIONAL BUILDING CODE
ELECTRICAL CODE	2021 NATIONAL ELECTRIC CODE
PLUMBING CODE	2018 ARKANSAS STATE PLUMBING CODE
MECHANICAL CODE	2021 INTERNATIONAL MECHANICAL CODE
FIRE CODE	2021 ARKANSAS FIRE PREVENTION CODE VOLUMES I / II / III
ENERGY CODE	2014 ARKANSAS ENERGY CODE
ACCESSIBILITY CODE	2009 ICC A117.1 (ADA)
FUEL GAS CODE	2018 ARKANSAS FUEL GAS CODE

PROJECT TEAM AND CONTACT INFORMATION

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281.646.5926

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jeff.hancock@rtmec.com

SIGN CONSULTANT
ID ASSOCIATES

CONTACT: LACY BERRY
SENIOR PROJECT MANAGER
334.796.5311
lberry@pscosigngroup.com

SCOPE OF WORK

BUILDING SCOPE OF WORK

CONSTRUCTION OF A NEW SINGLE STORY TILT-UP CONCRETE RETAIL BUILDING FOR ACADEMY SPORTS & OUTDOORS.

SITE SCOPE OF WORK

CASCO IS RESPONSIBLE FOR SIDEWALKS DIRECTLY IN FRONT OF ENTRANCE-SIDE OF BUILDING, DOOR STOPS, AND THE CONCRETE SLAB FOR THE COMPACTOR.

PROJECT INFORMATION

BUILDING STATISTICS

CONSTRUCTION TYPE	IIB
OCCUPANCY	GROUP M - MERCANTILE
BUILDING OVERALL HEIGHT	44'-4"
BUILDING FOOTPRINT SQUARE FOOTAGE	54,931 S.F.
FIRE PROTECTION	FULLY SPRINKLERED

SITE STATISTICS

*SEE CIVIL DRAWINGS FOR ALL OTHER SITE INFORMATION NOT SHOWN ON THIS COVER SHEET

A.P.N.	EOR TO PROVIDE
ZONING	EOR TO PROVIDE
LAND USE	EOR TO PROVIDE
TOTAL SITE AREA	EOR TO PROVIDE
IMPERVIOUS AREA	EOR TO PROVIDE
LANDSCAPED AREA	EOR TO PROVIDE

PLUMBING FIXTURE COUNTS

OCCUPANTS FOR EGRESS: 826 (SEE OCCUPANCY TABLE ON SHEET G0.20 FOR CALCULATIONS)

REQUIRED FIXTURES PER TABLE 2902.1

WATER CLOSETS: MEN: 413/500 = 1 TOILET WOMEN: 413/500 = 1 TOILET	REQUIRED: 1 PER 500 OCCUPANTS, PER GENDER PROVIDED: 2 TOILET & 2 URINALS (UP TO 50% URINIALS) PROVIDED: 4 TOILETS
LAVATORIES: MEN: 413/750 = 1 LAVATORY WOMEN : 413/750 = 1 LAVATORY	REQUIRED: 1 PER 750 OCCUPANTS, PER GENDER PROVIDED: 3 LAVATORIES PROVIDED: 3 LAVATORIES
DRINKING FOUNTAIN: 826/100 = 1 FOUNTAIN	REQUIRED: 1 PER 1,000 OCCUPANTS PROVIDED: 2 FOUNTAINS
SERVICE SINK:	REQUIRED: 1 SERVICE SINK PROVIDED: 1 SERVICE SINK

PARKING REQUIREMENTS

ACADEMY REQUIREMENTS	5 PARKING SPACES PER 1,000 SQFT. TOTAL BUILDING GROSS SF; (55,015 SF / 1,000SF) X 5 = 276 SPACES
LOCAL JURISDICTION REQUIREMENTS	EOR TO PROVIDE
PARKING PROVIDED	EOR TO PROVIDE

SEPARATE PERMITS

SEPARATE PERMITS ARE REQUIRED FOR THE FOLLOWING:

1. SIGNAGE
2. MEP TRADE PERMITS
3. CANOPIES
4.
5.

DEFERRED SUBMITTALS

SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE, WHO SHALL REVIEW THEM AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THET THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

DEFERRED ITEMS SHALL BE SUBMITTED BY THE GENERAL CONTRACTOR TO THE LOCAL JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION AND SHALL INCLUDE TYHE FOLLOWING:

* **FIRE SPRINKLER SYSTEM**

* **FIRE ALARM SYSTEM**

DESIGN CHANGE BULLETINS

NUMBER	DATE	

VICINITY MAP



CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

COVER SHEET

SHEET:
G0.00

GENERAL NOTES

1. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION ARE HEREBY INCORPORATED INTO THIS DOCUMENT EXCEPT AS SPECIFICALLY MODIFIED BELOW.
2. THE GENERAL CONTRACTOR/OWNER SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK UNLESS OTHERWISE INSTRUCTED. SCHEDULING OF APPROVALS AND INSPECTIONS BY A.H.J. OVER THE WORK IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
3. THE CONTRACT DOCUMENTS CONVEY DESIGN INTENT AND THE GENERAL TYPE OF CONSTRUCTION DESIRED ARE INTENDED TO APPLY TO THE FINEST QUALITY OF CONSTRUCTION, MATERIAL AND WORKMANSHIP THROUGHOUT.
4. ANY ITEMS NOTED "BY OWNER" OR AS BEING FURNISHED BY OWNER IN THESE CONTRACT DOCUMENTS SHALL BE FURNISHED BY THE OWNER OR OWNER'S VENDORS AND INSTALLED BY THE GENERAL CONTRACTOR OR GENERAL CONTRACTOR'S SUB-CONTRACTORS UNLESS EXPRESSLY NOTED AS BEING INSTALLED "BY OWNER" OR "PROVIDED BY OWNER". REFER TO THE RESPONSIBILITY SCHEDULE FOR MORE INFORMATION. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL ACCESSORY MATERIALS REQUIRED TO INSTALL SUCH ITEMS AND MAKE FINAL CONNECTIONS.
5. TO AVOID SCHEDULING OR LEAD TIME ISSUES, IT IS HIGHLY RECOMMENDED THAT THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS PLACE ORDERS FOR ALL SPECIFIED EQUIPMENT & MATERIALS WITHIN 5 DAYS OF NOTICE TO PROCEED. ITEMS OF SPECIFIC CONCERN INCLUDE THE ALUMINUM STOREFRONT, SINGLE-PLY & METAL ROOFING, EXTERIOR BRICK CLADDING, ROOF-TOP UNITS & ALL FLOOR/WALL TILES.
6. PRIOR TO SUBMITTING A PROPOSAL OR COMMENCEMENT OF WORK, THE GENERAL CONTRACTOR SHALL VISIT THE PROJECT SITE TO COMPARE THE SCOPE OF WORK SHOWN ON THE DRAWINGS AND OTHER CONTRACT DOCUMENTS WITH EXISTING CONDITIONS. THE GENERAL CONTRACTOR SHALL PROMPTLY REPORT ANY ERRORS, OMISSIONS, INCONSISTENCIES OR OTHER DETRIMENTAL CONDITIONS TO THE ARCHITECT. IF THE CONTRACTOR FAILS TO PERFORM THIS OBLIGATION, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS AND DAMAGES ASSOCIATED WITH ACTIONS REQUIRED TO CORRECT UNREPORTED CONDITIONS THAT OTHERWISE COULD HAVE BEEN AVOIDED.
7. IN THE EVENT THAT DISCREPANCIES ARE FOUND BETWEEN DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL REQUEST A CLARIFICATION FROM THE ARCHITECT IN WRITING. THE ARCHITECT'S RESPONSE TO THE CONTRACTOR'S REQUEST FOR INFORMATION SHALL NOT BE CAUSE FOR A CHANGE IN THE CONTRACT AMOUNT UNLESS IT IS AGREED THAT THE ORIGINAL SCOPE OF WORK HAS BEEN ALTERED BY THE RESPONSE.
8. ALL CONSULTANT DRAWINGS ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF ANY OF THE CONSULTANTS WORK AND TO BRING ANY DISCREPANCIES OR CONFLICTS TO THE ARCHITECTS ATTENTION FOR CLARIFICATION. IMPROPERLY INSTALLED WORK SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS EXPENSE AND AT NO EXPENSE TO THE ARCHITECT, HIS CONSULTANTS OR THE OWNER.
9. WHEN APPLICABLE, GENERAL CONTRACTOR WILL COORDINATE ALL WORK WITH THE LANDLORD AND PERFORM WORK TO MEET ALL REQUIREMENTS OF THE LEASE AGREEMENT. CONTRACTORS WORK IS SUBJECT TO INSPECTION BY THE LANDLORD FOR COMPLIANCE WITH THE TERMS OF THE LEASE AGREEMENT.
10. PRIOR TO BEGINNING WORK, THE CONTRACTOR SHALL FURNISH A CONSTRUCTION SCHEDULE SHOWING THE CHRONOLOGICAL PHASES OF WORK, SCHEDULE OF VALUES, AND INSURANCE CERTIFICATE. THIS SCHEDULE SHALL INDICATE ORDERING LEAD TIMES, A BEGINNING AND END DATE FOR EACH PHASE AND A PROJECTED COMPLETION DATE FOR THE ENTIRE PROJECT.
11. THE CONTRACTOR IS WHOLLY RESPONSIBLE FOR THE COORDINATION AND SCHEDULING OF THE WORK EFFORTS FOR ALL SPECIAL INSPECTORS, SUBCONTRACTORS, CRAFTSMEN AND TRADESMEN REQUIRED TO COMPLETE THE JOB AND SHALL BE RESPONSIBLE FOR PROVIDING THEM WITH FULL SETS OF CURRENT DRAWINGS, ADDENDUM, AND OTHER SUPPLEMENTAL INFORMATION PERTINENT TO THE COMPLETION OF THE WORK.
12. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE VARIOUS TRADE ITEMS WITHIN THE SPACE AND ABOVE THE CEILINGS (INCLUDING BUT NOT LIMITED TO, STRUCTURAL MEMBERS, CONDUITS, RACEWAYS, LIGHT FIXTURES, CEILING SYSTEM AND ANY SPECIAL STRUCTURAL SUPPORTS REQUIRED) AND SHALL BE RESPONSIBLE FOR MAINTAINING THE FINISH CEILING HEIGHT ABOVE THE FINISH FLOOR INDICATED IN THE DRAWINGS AND THE FINISH SCHEDULE.
13. THE CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING AND ELECTRICAL SERVICE FOR TRADES.
14. UNLESS OTHERWISE STIPULATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION, STORAGE AND PAYMENT OF ALL LABOR, MATERIALS, TAXES, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, TRANSPORTATION AND OTHER FACILITIES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK WHETHER OR NOT IT IS SPECIFICALLY CALLED OUT OR DETAILED ON THE DRAWINGS.
15. THE CONTRACTOR WARRANTS TO THE OWNER THAT MATERIALS AND EQUIPMENT FURNISHED UNDER THE CONTRACT WILL MEET INDUSTRY STANDARDS AND BE NEW AND OF GOOD QUALITY UNLESS OTHERWISE PERMITTED BY THE CONTRACT DOCUMENTS. THE WORK WILL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS, FREE FROM DEFECTS AND WILL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER ACCEPTABLE TO THE OWNER.
16. THE CONTRACTOR SHALL PROMPTLY CORRECT IN A PROFESSIONAL MANNER, AT NO COST TO THE OWNER AND WITHOUT CHANGE IN CONTRACT TIME, ALL NON-CONFORMING OR DEFECTIVE WORK AND DAMAGES CAUSED BY HIS WORK OR WORKMEN WHETHER DISCOVERED BEFORE OR AFTER SUBSTANTIAL COMPLETION.
17. THE CONTRACTOR SHALL INSPECT ALL EQUIPMENT AND SYSTEMS FOR PROPER OPERATIONS UPON SUBSTANTIAL COMPLETION OF PROJECT.
18. THE CONTRACTOR SHALL THOROUGHLY CLEAN THE ENTIRE PROJECT SITE AND ADJACENT AFFECTED SPACES TO THE SATISFACTION OF THE OWNER.
    1. THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING REPORTS AND GUARANTEES TO THE OWNER OR OWNER'S REPRESENTATIVE:
    A. ELECTRICAL INSPECTOR'S CERTIFICATE OF COMPLIANCE WITH A.H.J. REQUIREMENTS.
    B. PLUMBING INSPECTOR'S CERTIFICATE OF COMPLIANCE WITH A.H.J. REQUIREMENTS
    C. FIRE MARSHALL'S CERTIFICATE OF COMPLIANCE WITH A.H.J. REQUIREMENTS.
    D. BUILDING INSPECTOR'S CERTIFICATE OF COMPLIANCE WITH A.H.J. REQUIREMENTS.
    E. HEALTH DEPARTMENT CERTIFICATE OF COMPLIANCE WITH A.H.J. REQUIREMENTS.
        A. A.H.J. CERTIFICATE OF OCCUPANCY.

B. DRAWING CONVENTIONS:

1. DIMENSIONS TAKE PRECEDENCE OVER SCALE ON THE CONSTRUCTION DRAWINGS. NOTIFY THE ARCHITECT, OF DISCREPANCIES BETWEEN DRAWING DIMENSIONS AND FIELD CONDITIONS. IF NECESSARY DIMENSIONS ARE MISSING AND ARE NEEDED, DO NOT PROCEED WITHOUT RECEVING CLEAR DIRECTION FROM THE AOR VIA AN RFC/RFI
2. WALL THICKNESS IS DERIVED FROM DESCRIPTION OF THE WALL CONSTRUCTION TYPE AND/OR DESIGNATED DETAIL UNLESS OTHERWISE INDICATED.
    1. UNLESS OTHERWISE INDICATED, POSITION DOOR JAMBS 4" OFF THE FACE OF ADJACENT INTERSECTING WALLS OR CENTER ON PARTITION.

C. GENERAL CONSTRUCTION:

1. ALL LANDSCAPE MATERIALS DISPLACED OR DISTURBED AS A RESULT OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ORIGINAL CONDITION.
2. THE CONTRACTOR SHALL FIRMLY ANCHOR WALLS PER JURISDICTION AND INDUSTRY STANDARDS AND USE METAL TRIM ACCESSORIES AT EXPOSED CORNERS, EDGES AND ENDS IN PLASTER AND DRYWALL WALLS.
3. PROVIDE BLOCKING FOR ALL WALL MOUNTED METAL PLUMBING FIXTURES, TOILET ACCESSORIES, CABINETS, AND TABLES.
4. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS REQUIRED FOR MECHANICAL, ELECTRICAL, SIGNAGE, AND PLUMBING INSTALLATIONS PER LOCAL BUILDING CODES. LOCATIONS SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION.
5. CEILING FRAMING IN THE FIELD SHALL BE SQUARE, LEVEL AND PERFECTLY ALIGNED WITH EACH OTHER AND WITH THE RECESSED LIGHT FIXTURES. ALL RECESSED FIXTURES SHALL BE SET FLUSH INTO CEILING.
6. WIRING AND CONDUIT IS TO BE CONCEALED IN WALLS WITH ALL OUTLETS, SWITCHES AND SIMILAR DEVICES MOUNTED IN RECESSED JUNCTION BOXES WITH FLUSH COVER PLATES. SURFACE MOUNTED CONDUIT, WIREMOLD, OUTLETS, ETC. WILL NOT BE PERMITTED UNLESS OTHERWISE NOTED.
7. VERIFY EXACT DIMENSIONS OF ALL OWNER SUPPLIED EQUIPMENT, FEATURES AND FIXTURES TO ASSURE A PROPER FIT WHERE EQUIPMENT, FEATURES AND FIXTURES ARE SHOWN BUILT-IN TO NEW MILLWORK, UNDER COUNTER AND BETWEEN NEW AND EXISTING WALLS.
8. COMMUNICATION, DATA, SECURITY AND SIMILAR SYSTEMS WILL BE FURNISHED AND INSTALLED BY THE OWNER UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE OWNER' AND PROVIDE CONDUIT, BOXES AND OTHER ROUGH-IN REQUIREMENTS TO FACILITATE FINAL WIRING INSTALLATION.
9. LOCKSETS SHALL BE "KEYED" IN ACCORDANCE WITH OWNER REQUIREMENTS. "KEYS" ARE TO BE DELIVERED TO OWNER PROPERLY TESTED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH LOCAL V.O.C. REGULATIONS FOR MATERIALS USED IN CONSTRUCTION.
    1. SPACES BEING SURFACED SHALL BE CLOSED TO TRAFFIC AND OTHER WORK DURING THE LAYING OF FLOORING, STONE, WOOD, OR OTHER MATERIAL. FINISHED FLOORS SHALL BE COVERED AFTER INSTALLATION FOR PROTECTION.

D. FIRE / LIFE SAFETY

1. ALL REQUIRED PERMITS AND APPROVALS MUST BE OBTAINED FROM THE FIRE DEPARTMENT BEFORE BUILDINGS ARE OCCUPIED.
2. MAINTAIN THE FUNCTION AND INTEGRITY OF EXISTING FIRE, LIFE/SAFETY AND SECURITY SYSTEMS.
    1. DURING CONSTRUCTION THE GENERAL CONTRACTOR SHALL PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN (75 FT.) FOOT TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING ON EACH FLOOR

E. REQUIRED APPROVALS AND SUBMITTALS:
1. WHERE THE TERMS "OR EQUAL", "SIMILAR", OR OTHER GENERAL QUALIFYING TERMS ARE USED, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGMENT OF THE OWNER AND MUST BE SUBMITTED FOR APPROVAL PRIOR TO PURCHASE OR USE.
2. THE CONTRACTOR SHALL HAVE (10) WORKING DAYS FROM AWARD OF THE CONTRACT TO SUBMIT SUBSTITUTIONS OF SPECIFIED PRODUCTS OR WORK FOR REVIEW BY OWNER AND SHALL INCLUDE CUT SHEETS WITH SPECIFICATIONS AND REASONS FOR SUBSTITUTION. THE OWNER SHALL RESPOND IN (10) WORKING DAYS FROM RECEIPT OF SUBMITTAL. NO SUBSTITUTIONS SHALL BE ACCEPTED AFTER THE INITIAL TIME LIMIT HAS EXPIRED.
    1. THE CONTRACTOR SHALL REVIEW, SIGN, DATE AND SUBMIT COMPLETE AND DETAILED SHOP DRAWINGS, FINISHES, FIXTURE AND EQUIPMENT CUT SHEETS FOR REVIEW. THE AOR SHALL HAVE (7) WORKING DAYS TURN AROUND TIME FROM RECEIPT OF SUBMITTAL. ALL SHOP DRAWINGS AND CUT SHEETS SIGNED "REVIEWED" SHALL SUPERSEDE ORIGINAL DRAWINGS IN DESIGN APPEARANCE ONLY. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS IN THEIR DRAWINGS.

FIRE DEPARTMENT NOTES

1. WHEN FIRE PROTECTION SYSTEMS ARE INSTALLED OR MODIFIED, A STATE-LICENSED CONTRACTOR MUST SUBMIT PLAN TO THE A.H.J. FOR APPROVAL. PLANS MUST BE SENT WITH A COMPLETED PERMIT APPLICATION AND PERMIT FEE. UPON APPROVAL OF PLANS, A PERMIT WILL BE ISSUED AND WORK CAN THEN COMMENCE. WORK BEING DONE WITHOUT A PERMIT WILL RESULT IN A FINE.
2. EXIT DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT SPECIAL KNOWLEDGE OR EFFORT OR WITHOUT THE USE OF A KEY (NO DEAD BOLTS, NO SLIDING BOLTS, ETC.).
3. ALL EXIT DOORS SHALL SWING IN THE DIRECTION OF TRAVEL.
4. LOCKS AND LATCHES IN BUILDINGS IN OCCUPANCY GROUP A HAVING AN OCCUPANT LOAD OF 300 OR LESS, THE MAIN EXTERIOR DOOR OR DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED: A READILY VISIBLE DURABLE SIGN IS POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND
5. VERIFY EXIT AND EMERGENCY LIGHTING ARE OPERATIONAL AND WILL SUPPLY 90 MINUTES OF BACKUP ILLUMINATION, ADDITIONAL EMERGENCY LIGHTING MAY BE REQUIRED AND IS SUBJECT TO FIELD VERIFICATION. EMERGENCY LIGHTING IS REQUIRED IN ALL RESTROOMS PER CITY OF LOCAL JURISDICTION REQUIREMENT.
6. VERIFY THAT ANY FIRE ALARM, FIRE EXTINGUISHERS HAVE CURRENT INSPECTIONS AND TAGS AFFIXED AT THE TIME OF FINAL FIRE INSPECTION.
7. A FIRE DEPARTMENT FINAL INSPECTION IS REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY. ALL INSPECTIONS SHALL BE SCHEDULED AT LEAST 48 HOURS IN ADVANCE.
8. MAINTAIN MIN. 36" AISLES TO EXIT OR PUBLIC WAY.
9. PROVIDE EXIT SIGNS ABOVE EXITS WITH MIN. 3/4" X 6" LETTERS LIGHTED ON CONTRASTING BACKGROUND OR AS REQUIRED BY THE LOCAL JURISDICTION.
10. EXIT SIGNS MUST BE INTERNALLY ILLUMINATED. PROVIDE TWO (2) SEPARATE POWER SUPPLIES FOR EXIT SIGNS CONFORMING TO CODE SECTION. PROVIDE EMERGENCY EXIT LIGHTING PROVIDING AN AVERAGE VALUE OF ONE FOOT CANDLE AT FLOOR LEVEL.
11. INTERIOR WALL AND CEILING FINISHES FOR COMMON AREAS AND OFFICE SHALL NOT EXCEED FLAME SPREAD RATING AS DICTATED BY CODE.
12. INSULATION SHALL BE INSTALLED TO MEET FLAME SPREAD AND SMOKE DENSITY REQUIREMENTS PER LOCAL CODE.
13. PROVIDE OUTSIDE GAS SHUTOFF VALVE CONSPICUOUSLY MARKED.
14. GENERAL CONTRACTOR TO PROVIDE AND POST MAXIMUM OCCUPANT LOAD SIGN(S) PER PLANS AND LOCAL ORDINANCE REQUIREMENTS.
15. PROVIDE A "KNOX BOX" FOR FIRE DEPARTMENT ACCESS AND KEY ACCESS, LOCATION AS SHOWN ON DRAWINGS AND COORDINATED WITH FIRE MARSHAL.
16. TYPE I HOOD INSTALLATION AND NON-COMBUSTIBLE PANEL MUST COMPLY WITH THE LOCAL CODE REQUIREMENTS.
17. FIRE BLOCKS SHALL OCCUR AT THE FOLLOWING LOCATIONS AS REQUIRED BY CODE:
    A. IN CONCEALED SPACES OF STUD WALLS AND WALLS, INCLUDING FURRED SPACES, AT THE CEILING AND FLOOR LEVELS AND AT 10-FOOT INTERVALS BOTH VERTICAL AND HORIZONTAL.
    B. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS AND COVE CEILINGS.
    C. IN OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS, FIREPLACES AND SIMILAR OPENINGS WHICH AFFORD A PASSAGE FOR FIRE AT CEILING AND FLOOR LEVELS, WITH NON-COMBUSTIBLE MATERIALS.
18. PROVIDE PORTABLE FIRE EXTINGUISHERS PER PLANS UNLESS DIRECTED OTHERWISE BY FIRE INSPECTOR. CONSULT WITH A FIRE INSPECTOR REGARDING THIS PRIOR TO OR AT THE TIME OF YOUR FIRE FINAL INSPECTION.
    A. "K" RATED PORTABLE FIRE EXTINGUISHER(S) SHALL BE PROVIDED PER PLANS UNLESS DIRECTED BY THE FIRE MARSHAL. EXTINGUISHER(S) SHALL BE HUNG NO HIGHER THAN 44 INCHES MEASURED FROM THE FLOOR TO THE TOP OF THE EXTINGUISHER.
    B. MINIMUM 2A 10B:C FIRE EXTINGUISHERS SHALL BE PROVIDED PER PLANS UNLESS DIRECTED BY THE FIRE MARSHAL. EXTINGUISHER(S) SHALL BE HUNG NO HIGHER THAN 44 INCHES MEASURED FROM THE FLOOR TO THE TOP OF THE EXTINGUISHER.
    1. PLANS FOR ANY HOOD SUPPRESSION SYSTEM AND/OR ALARM SYSTEM, SHALL BE SUBMITTED WITH FEES TO JURISDICTION FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

DOOR NOTES

1. ALL DOORS SHALL BE 1 3/4" THICK, UNLESS NOTED OTHERWISE.
2. CONTRACTOR SHALL VERIFY ACTUAL DOOR HEIGHT REQUIRED FOR DOOR FRAME SYSTEM.
3. DIMENSIONS FOR UNDERCUT DOORS IF ANY SHALL BE MEASURED FROM TOP OF FINISH FLOORING MATERIAL.
4. EXIT DOORWAYS SHALL BE NO LESS THAN 36" IN WIDTH AND NO LESS THAN 6'-8" IN HEIGHT. PROJECTIONS, INCLUDING PANIC HARDWARE, SHALL NOT REDUCE THE OPENING TO LESS THAN 32" CLEAR WIDTH.
5. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES THAT ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" MINIMUM AND 44" MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
6. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30"" AND 44" ABOVE THE FLOOR.
7. THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. THE FLOOR OR LANDING SHALL BE LESS THAN OR EQUAL TO 1/2" LOWER THAN THE THRESHOLD.
8. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND A MINIMUM OF 18" PAST THE STRIKE EDGE FOR INTERIOR DOORS.
9. ALL PERIMETER DOORS TO HAVE WEATHER STRIPPING, FULL HEIGHT CORNER GUARDS AND DOOR SWEEP BY GENERAL CONTRACTOR
10. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL PROVIDE A CLEAR WIDTH OF 32" MINIMUM WITH THE LEAF POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION. SWINGING DOORS AND GATES' MANEUVERING CLEARANCES, COMPLYING WITH SECTION 1010.1.1, SHALL EXTENT THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

ENERGY NOTES

1. FIXED WINDOWS SHALL BE SEALED TO LIMIT AIR INFILTRATION.
2. ALL EXTERIOR DOORS SHALL LIMIT AIR INFILTRATION AROUND THEIR PERIMETER WHEN IN A CLOSED POSITION.
3. PROVIDE SEAL AT HEAD, SILL AND JAMB OF WALL PENETRATIONS.
4. OPEN EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATIONS, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS AT PENETRATIONS OF UTILITIES THROUGH THE ENVELOPE, SHALL BE SEALED, CAULKED, OR WEATHER STRIPPED TO LIMIT AIR LEAKAGE.
    1. PROVIDE A "CERTIFICATION OF COMPLIANCE" SIGNED BY THE OWNER, GENERAL CONTRACTOR, ARCHITECT, OR ENGINEER TO THE BUILDING DEPARTMENT STATING THAT THE WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NONRESIDENTIAL ENERGY DESIGN. CONTACT THE LOCAL BUILDING DEPARTMENT REGARDING EXACT REQUIREMENTS FOR SUBMITTAL
5. GC TO FURNISH AND INSTALL SOLAR FILM ON ALL SOUTHERN AND WESTERLY FACING CLEAR GLAZING ON THE BUILDING, PER TENANTS SPECIFICATIONS, SUBMIT TO AOR FOR APPROVAL PRIOR TO ORDERING.

BUILDING DEPARTMENT NOTES

A. GENERAL REQUIREMENTS:

1. THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL-BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES
    a. PROVIDE ULTRA-LOW FLUSH WATER CLOSETS FOR ALL NEW CONSTRUCTION. TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION AS PER THE TENANTS SPECIFICATIONS.
    b. A COPY OF THE EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB SITE.

B. MEANS OF EGRESS:

1. ALL EXIT DOORS SHALL COMPLY WITH CHAPTER 10 OF THE IBC.
2. EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED
3. EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX)
4. INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.
5. EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES (1013.3)
6. EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MINUTES IN CASE OF PRIMARY POWER LOSS (1013.6.3)
7. THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
8. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.
9. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.
10. EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATION OF 40 TO 1 SHALL NOT BE EXCEEDED.
11. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
    A. AISLE AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS
    B. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
    C. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
    D. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED BY CODE, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS
    E. EXTERIOR LANDINGS, AS REQUIRED BY CODE, FOR EXIT DISCHARGE IN DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.

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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK

11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

GENERAL NOTES

SHEET: G0.01

MATERIAL LEGEND

- NEW INTERIOR WALL (NON-RATED)
- NEW INTERIOR WALL W/ SOUND INSULATION (NON-RATED)
- NEW INTERIOR WALL W/THERMAL INSULATION (NON-RATED)
- NEW INTERIOR WALL (FIRE RATED) - UL#465
- NEW EXTERIOR STUD WALL W/EXTERIOR RATED SHEATHING AND E.I.F.S. OVER RIGID INSULATION
- 3HR FIRE RATED WALL
- NEW EXTERIOR CONCRETE TILT UP WALL PANELS
- METAL STRAP BLOCKING (VARIES A-J)
- ACROVYN WAINSCOT
- ROUGH WOOD (BLOCKING)
- ROUGH WOOD (CONTINUOUS)
- FINISH WOOD
- PLYWOOD (SECTION)
- RIGID INSULATION
- GYP BD (SECTION AND ELEVATION)
- BATT INSULATION (SECTION)
- COMPACTED FILL
- UNDISTURBED EARTH
- CRUSHED STONE
- CONCRETE
- ASPHALT (PLAN)
- ASPHALT (SECTION)
- GLASS IN ELEVATION
- MIRROR IN ELEVATION
- HEAVY DUTY CONCRETE PAVING
- LANDSCAPING

SYMBOLS LEGEND

- X.X.X / X'-XX" — HEIGHT ELEVATION
- XX / X-XXX — ENLARGED DETAIL
- X / X — GRID LINE AND COLUMN TAG
- 5 / A7.03 — SECTION CUT
- A7.02 / 4 — ELEVATION
- 101 — DOOR TAG
- XX — WINDOW TAG
- XX — WALL TAG
- XXX / X' - XX" — CEILING TAG
- XXX — ROOM TAG
- X — REVISION DELTA
- XXX.XX' — SPOT ELEVATION
- X / BLKG — METAL STRAP BLOCKING
- ELO — ELO BOX WITH SHROUD

ABBREVIATIONS

A	AMPERE
ADA	AMERICANS WITH DISABILITIES
AB	ANCHOR BOLT
ABV	ABOVE
AC	ALTERNATING CURRENT
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADH	ADHESIVE
ADJ	ADJACENT
AF	AMPERE FRAME (BREAKER RATING)
AFCI	AIR FLASH CURRENT INTERRUPTER
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AFS	ABOVE FINISH SURFACE
AGG	AGGREGATE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APA	AMERICAN PLYWOOD ASSOCIATION
ASO	ACADEMY SPORTS AND OUTDOORS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
ALUM	ALUMINUM
ALT	ALTERNATE
ANDZ	ANODIZED
ANN	ANNUNCIATOR
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
APT	AMPERES TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AVE	AVENUE
AWG	AMERICAN WIRE GAUGE
BB	BASEBOARD
BC	BURNISHED CONCRETE
BD	BOARD
BM	BENCHMARK
BFF	BELOW FINISH FLOOR
BITUM	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOT	BOTTOM
BR	BREAKER
BRG	BEARING
BRKR/BKR	BREAKER
BSMT	BASEMENT
BTB	BACK TO BACK
BUR	BUILT UP ROOFING
C	CONDUIT
CAB	CABINET
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CFM	CUBIC FEET PER MINUTE
CKT	CIRCUIT
CJ	CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
CM	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CO	CONDUIT
CLNT	CLEANOUT
COL	COLUMN
COMM	COMMUNICATIONS
CONC	CONCRETE
CONF	CONFERENCE
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
COR	CORRIDOR
CP	CONTROL PANEL
CPT	CONTROL POWER TRANSFORMER
CRT	CATHODE RAY TUBE
CRTXFMR	CURRENT TRANSFORMER
CTJ	CONTROL JOINT
CTR	CENTER
CTSKJ	COUNTERSUNK
CU	CUBIC
CW	COLD WATER
CXCAY	CERTIFIED COMISSIONING AUTHORITY

DAR	DAVIT ANCHOR
DBL	DOUBLE
DC	DIRECT CURRENT
DEG	DEGREE
DEMO	DEMOLISH
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DISC	DISCONNECT
DIM	DIMENSION
DISP	DISPENSER
DIST	DISTRIBUTION
DIV	DIVISION
DN	DOWN
DO	DITTO
DP	DISTRIBUTION PANEL
DPDT	DOUBLE POLE DOUBLE THROW
DPFG	DAMP-PROOFING
DPST	DOUBLE PANEL SINGLE THROW
DR	DOOR
DR FR	DOOR FRAME
DS	DOWNSPOUT
DW	DISTILLED WATER
DWG	DRAWING
DWT	DUMBWAITER
(E)	EXISTING
E	EAST
EA	EACH
EC	ELECTRICAL COUNDUIT
ED	ELECTRIC OUTLET
EG	EQUIPMENT GROUND
EGC	ELECTRODE GROUND CONDUCTOR
EL	ELEVATION
ELAS	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMC	ELECTRIC METALLIC CONDUIT
EM/EMER	EMERGENCY
ENCL	ENCLOSURE
EPNL	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F	FUSE
FD	FLOAT DIMENSION
FHC	FIRE HOSE CABINET
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUD
CDX	FIRE RETARDANT TREATED
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAEP	FIRE ALARM EXTENDER PANEL
FBO	FURNISH BY OWNER
FBR	FACE BRICK
FC	FOOT CONTROL
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FDR	FEEDER
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFL	FINISH FLOOR
FH	FIRE HYDRANT
FHMS	FLAT HEAD MACHINE SCREW
FHR	FIRE HOSE RACK
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FLA	FULL LOAD AMPS
FLASH	FLASHING
FLEX	FLEXIBLE
FLR	FLOOR
FOP	FACE OF PANEL
FLUOR	FLUORESCENT
FRP	FIBERGLASS REINFORCED PLASTIC
FRPRF	FIREPROOF
FR	FIRE RESISTANT
CDXW	FIRE RESISTIVE TREATED WOOD
FT	FOOT
FTF	FACE TO FACE
FTG	FOOTING
FTR	FIN TUBE RADIATION
FURN	FURNISH
FURR	FURRING
FUT	FUTURE

GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CURRENT INT
GFI	GROUND FAULT INT
GL	GLASS
GND	GROUND
GNK	GOOSENECK
GPL	GYPSUM PLASTER
GR	GRADE
GT	GREASE TRAP
GWB	GYPSUM WALLBOARD
GYP	GYPSUM
H	HORIZONTAL MOUNTING
HB	HOSE BIBB
HC	HOLLOW CORE
HDCP	HANDICAP
HDWD	HARDWOOD
HDW	HARDWARE
HH	HAND HOLE
HM	HOLLOW METAL
HO	HOLD OPEN
HOA	HAND-OFF-AUTOMATIC
HORIZ	HORIZONTAL
HP	HIGH POINT
HPS	HIGH PRESSURE SODIUM
HR	HOUR
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING VENTILATION & AC
HW	HOT WATER
HYD	HYDRANT
HZ	HERTZ
IAW	IN ACCORDANCE WITH
ID	INSIDE DIAMETER
IG	ISOLATED GROUND
IN	INCHES
INCAN	INCANDESCENT
INCL	INCLUDE(D)(ING)
INSUL	INSULATION
INT.	INTERIOR
INV EL	INVERT ELEVATION
JBOX	JUNCTION BOX
JC	JANITOR'S CLOSET
JS	JOIST
K	KEY INTERLOCK
KCMIL	1,000 CIRCULAR MILS
KD	KNOCKDOWN
KIT	KITCHEN
KO	KNOCKOUT
KS	KNEE SPACE
KV	KILOVOLTS
KVA	KILOVOLT-AMPERES
KW	KILOWATTS
KWH	KILOWATT-HOURS
L-L	LINE-TO-LINE VOLTAGE
L-N	LINE-TO-NEUTRAL VOLTAGE
L-G	LINE-TO-GROUND VOLTAGE
LA	LIGHTNING ARRESTOR
LAM	LAMINATE(S)
LAN	LOCAL AREA NETWORK
LAV	LAVATORY
LCP	LIGHTING CONTROL PANEL
LG	LENGTH
LIN	LINEAR
LKR	LOCKER
LL	LANDLORD
LP	LOW POINT
LSI	LONG-TIME, SHORT TIME
LT	LIGHT
LTG	LIGHTING
LW	LIGHTWEIGHT
LVT	LOW VOLTAGE
M	METER
ME	MATCH EXISTING
MAINT	MAINTENANCE
MAS	MASONRY
MATLL	MATERIAL
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	METAL CORNER BEAD
MCC	MOTOR CONTROL CENTER
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS

ML	METAL LATH
MLO	MAIN LUG ONLY
MLP	METAL LATH & PLASTER
MM	MILLIMETER
MO	MASONRY OPENING
MOCP	MAXIMUM OVERCURRENT PROTECTION
MOV	MOVABLE
MS	MACHINE SCREW
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MTS	MANUAL TRANSFER SWITCH
MUL	MULLION
MV	MEDIUM VOLTAGE
(N)	NEW
N	NORTH
NIC	NOT IN CONTRACT
NA	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER ASS
NO	NORMALLY OPEN
No	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OVERALL
OC	ON CENTER
OCPD	OVERCURRENT PROTECTION DEVICE
OD	OUTSIDE DIAMETER
OFF	OFFICE
OFCI	OWNER FURNISHED/CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED/OWNER INSTALLED
OH	OVERHEAD
OHET	OVERHEAD ELECTRIC/TELEPHONE
OPNG	OPENING
OPP	OPPOSITE
OSA	OUTSIDE AIR
P	POLE
P-LAM	PLASTIC LAMINATE
PT	PRESSURE TREATED
PA	PUBLIC ADDRESS
PPB	PULL BOX
PC	PORTLAND CEMENT
PDP	POWER DISTRIBUTION PANEL
PE	PHOTO ELECTRIC
PF	POWER FACTOR
PH	PHASE
PHS	PHILLIPS HEAD SCREW
PL	PLATE
PLAS	PLASTER
PLBG	PLUMBING
PLY	PLYWOOD
PMF	PREMOLDED FILLER
PNL	PANEL
POL	POLISHED
PR	PAIR
PREP	PREPARE
PRI	PRIMARY
PROP	PROPERTY
PT	PAINT
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION
PVC	POLYVINYL CHLORIDE
PWR	POWER
R	RISER
RR/RE	RELOCATE AS SHOWN
R/W	RIGHT-OF-WAY
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER
RC	REINFORCED CONCRETE
RCLP	REMOTE CONTROL LIGHTING
RCPT	RECEPTACLE
RD	ROOF DRAIN
REC	RECESSED
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCED
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION
RF	RADIO FREQUENCY
RFG	ROOFING
RFI	REQUEST FOR INFORMATION
RLA	RATED (RUNNING) LOAD AMPS
RM	ROOM
RMV	REMOVE
RO	ROUGH OPENING
RP	RECEPTACLE PANEL
RSC	RIGID STEEL CONDUIT

S	SOUTH
SS	STAINLESS STEEL
SA	SUPPLY AIR
SAFB	SOUND ATTENUATION BATT INSULATION
SAN	SANITARY
SAV	STAIN & VARNISH
SC	SOLID CORE
SCH	SCHEDULE
SD	SOAP DISPENSER
SEC	SECONDARY
SECT	SECTION
SF	SQUARE FOOT (FEET)
SGT	STRUCTURAL GLAZED TILE
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SNG	SINGLE
SK	SINK
SMS	SHEET METAL SCREW
SP	STANDPIPE
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE DOUBLE THROW
SPEC	SPECIFICATION
SPKR	SPEAKER
SPST	SINGLE POLE SINGLE THROW
SQ	SQUARE
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STER	STERILIZER
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL
SURG	SURGICAL
SUSP	SUSPENDED
SWBO	SWITCH BOARD
SWGR	SWITCHGEAR
SYM	SYMBOL
TR	TREAD
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
TB	TERMINAL BLOCK
TEL	TELEPHONE
TELECOM	TELECOMMUNICATIONS
TEMP	TEMPERED
TER	TERRAZZO
THK	THICK
TL	TASK LIGHT
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOC	TOP OF CURB
TFF	TOP OF FINISH FLOOR
TO FND	TOP OF FOUNDATION
TOF	TOP OF FRAME (ING)
TOIL	TOILET
TOJ	TOP OF JOIST
TOM	TOP OF MASONRY
TOP	TOP OF PARAPET
TOPO	TOPOGRAPHY
TOS	TOP OF SLAB
TOS	TOP OF STEEL
TOT	TOP OF TRUSS
TP	TAMPERPROOF
TRT-WD	TREATED WOOD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UGP	UNDERGROUND PRIMARY
UGSY	UNDERGROUND SECONDARY
UGT	UNDERGROUND TELEPHONE
UL	UNDERWRITE'S LABRATORY
UNEX	UNEXCAVATED
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
UR	URINAL
US	UNDERSIDE
UTIL	UTILITY
VIF	VERIFY IN FIELD
V	VOLTS
VA	VOLT-AMPERES
VAC	VACUUM
VERT	VERTICAL
VEST	VESTIBULE
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VT	VINYL TILE
VTR	VENT THRU ROOF

W	WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WF	WIDE FLANGE
WGL	WIRE GLASS
WH	WATER HEATER
WHC	WHEELCHAIR
WHM	WATT HOUR METER
WHT	WHITE
WI	WROUGHT IRON
WIN	WINDOW
WM	WIRE MESH
WP	WORK POINT
WPFG	WATERPROOFING
WR	WATER RESISTANT
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK

11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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ABBREVIATIONS AND SYMBOL LEGEND

SHEET: G0.02

RBTS PREFERRED VENDORS

VENDOR DESCRIPTION	SUPPLIED BY	INSTALL BY	VENDOR	REQUIRED VENDOR	CONTACT	EMAIL	PHONE	COMMENTS
Automatic Doors	GC	GC	Stanley	Y	Ryan Driscoll	ryan.driscoll@sbdinc.com	(860) 679-6431	GC must procure material, coordinate installation, ensure electrical connections are code compliant and hidden behind finish materials, provide secure material storage, and punch vendor work. GC to ensure storefront vestibule wings and Stanley (or like kind approved alternate) installation is coordinated, including the Stanley power controls.
Skylights	GC	GC						See Spec
Building Cart Corrals	ASO	GC						See Spec
Cart Rails	GC	GC						See Spec
Cart Bumpers	GC	GC						See Spec
Building Commissioning	ASO	GC	Entek	Y	John Walker	jwalker@entek-inc.com	o: (770) 449-1222 c: (770) 540-8856	GC must coordinate this activity to be conducted before the official punch week.
Building Electrical Switchgear, Transformers, and Energy Management System	GC	GC	CPI	Y	Cameron Keane	cameronk@cpipanels.com	(704) 364-9029	Vendor only supplies the switchgear and nexrev (EMS) system. GC also responsible for coordinating and scheduling of material deliveries with vendor.
Cash Room Safes	ASO	GC	Bluedot Safes	Y	Heberto Hinojosa	herberto.hinojosa@academy.com	(281) 944-6189	GC to coordinate shipping, unloading, secure storage, and installation
CCTV	ASO	ASO	Global Axiom Inc.	Y	Nicole Cheatham	nicole.cheatham@globalaxiom.com	(248) 533-4067	
Certified Materials Testing (CMT)	ASO	GC	Terracon Consultants, INC		Patrick Beecher	Patrick.Beecher@terracon.com	(713) 939-6438	GC to coordinate / schedule Inspections
Certified Materials Testing (CMT)	ASO	GC	PSI (Intertek)		Portia Stewart	portia.stewart@intertek.com	(770) 424-6200	GC to coordinate / schedule Inspections
Coiling Overhead Doors	GC	GC	Pioneer	Y	Levi Conner	levic@pioneerleveler.com	(931) 487-8708 (931) 486-0316	Preferred Vendor. GC may source locally if preferred vendor cannot meet delivery date.
Compactor	ASO	ASO		Y	Mark Carruth	Mark.carruth@doveresg.com	(800) 633-8974 (205) 712-7117 - Direct	GC must coordinate installation, power connection, keep site secure, and punch vendor work
Dock Equipment (Seals, Hoods, Bumpers, Levelers)	GC	GC	Pioneer	Y	Levi Conner	levic@pioneerleveler.com	(931) 487-8708 (931) 486-0316	See Spec
Domestic Water Piping, Piping Specialties	GC	GC	Haines, Jones, & Cadbury, LLC		Kaylin Brouhard	ASO@hjcinc.com	(800) 459-7099	Preferred Vendor; GC may source locally if vendor is unable to meet delivery dates. Fittings and Pipe Supports, Sanitary Waste Piping Specialties, Domestic Water Heaters & Accessories and Wall Mounted Equipment Platform
Doors Acrovyn and Snap Frame	GC	GC	Construction Specialties Inc.	Y	Jordan Whitis Jay Bohannon	jwhitis@c-sgroup.com jbohannon@c-sgroup.com	(888) 424-6287 (678) 282-4098	
Doors, Hardware and Frames	GC	GC	Coastal Doors	Y	Darrell Hartman	dhartman@coastaldoors.com	(713) 694-0700	
EAS System	GC	GC	Industrial Security Solutions Corporation	Y	Keith King	Keith@isscorpus.com	O: (714) 894-3645 C: (714) 330-5739	GC must coordinate material procurement, installation, trench slab near restrooms, ensure electrical connections are code compliant, provide secure material storage, and punch vendor work. GC to ensure storefront vestibule wings and Stanley (or like kind approved alternate) installation is coordinated, including the Stanley power controls.
Electrical Power Poles	GC	GC	D & P Custom Fabrications	Y	Jennifer Bennett	jennifer@dandpcustomlights.com	(615) 350-7800	
EMS	GC	GC	Nexrev	Y	Nick Roth	Academy@nexrev.com nickroth@nexrev.com	(214) 784-1190	Nexrev contract goes through Switchgear vendor. This is a component of the successful GC and Switchgear contract. If a full Switchgear package is not applicable to project, successful GC is to work with Nexrev directly. GC is responsible for coordinating and scheduling install with NexRev and overseeing completion of work)
Entrance Floor Mats and Frames	GC	GC	Portico Systems	Y	Michelle Buehler	mbuehler@porticosystems.com	(866) 284-6287 (570) 419-0529	
Entry Door Security Shutters RBTS - Purchased by GC - Installed by GC	GC	GC	QMI	Y	Julie Perez	jperez@qmiusa.com	(630) 945-8907	
Entry Canopy (laminated wood only)	GC	GC	Construction Sales Co Inc.	Y	Arlis Palmer	glulam@sbcglobal.net	(800) 526-9663	
Exterior Signage	ASO	ASO	TBD - Per Project	Y	-	-	-	GC must coordinate installation, paint exposed signage conduit, and punch ASO vendor work. ASO vendor to supply their own equipment to support the installation. GC to perform daily safety meetings with this trade to ensure a safe jobsite. GC to coordinate the earliest installation of this SOW.
Fire Alarm System	GC	GC	Global Axiom Inc.	Y	Nicole Cheatham	nicole.cheatham@globalaxiom.com	(248) 533-4067	GC must coordinate all this SOW
Fire Pump	GC	GC	Peerless Pump		Steve Gordon	sgordon@peerlesspump.com	(281) 705-9333	If applicable to project
Fitting Rooms	ASO	GC	Vulcan	Y	Jon D'Agata	jdagata@vulcanind.com	(205) 684-7069	GC must coordinate installation and punch work. GC shall install using ASO preferred millwork installer
Floor Covering (fitness flooring, transition strips, wall base)	GC	GC	Tarkett	Y	Paul Baker	paul.baker@tarkett.com	(713) 724-2812	GC must coordinate the installation
FM Global (Owners Insurance Provider-Dallas Office)	ASO	GC	FM Global	Y	Reference Specifications Section 014200 For Contact Info	engdallasplanreview@fmglobal.com	(972) 377-4808	GC to submit fire sprinkler shop drawing to FM global and AOR for approval prior to proceeding with any work.
Gondolas (Sales Floor and Back of House Pallet Racking)	ASO	ASO			Heberto Hinojosa	herberto.hinojosa@academy.com	(281) 944-6189	GC must coordinate installation, unloading, secure material storage, punch ASO vendor work, hold daily job box safety talks, provide temporary restroom facilities, etc.
HVAC (Units and Curbs)	ASO	GC	TBD - Per Project	Y	-	-	-	See Bid Package Exhibit for submittal including RTU's, Curbs, etc. GC also responsible for coordinating and scheduling of delivery
Interior and Exterior Lighting Package	GC	GC	Specialty Lighting Group	Y	Melissa jordan	melissa.jordan@sslighting.com	Primary: (860) 767-0110 x256 Cell: (314) 941-4506	Exterior, Exterior Emergency, Interior, and Sales Floor lighting
Interior Room Signage	ASO	GC						GC to install all braille signage
Intrusion Alarm System (Burglar Alarm and Delayed Egress Devices)	GC	GC	Global Axiom Inc.	Y	Nicole Cheatham	nicole.cheatham@globalaxiom.com	(248) 533-4067	GC must coordinate all this SOW and must be completed one week before the Punch Walk
Millwork (breakroom millwork)	GC	GC						GC to source locally
Millwork (cash wraps, sunglass showcase, manager and cash booths, hunting counter, reel bar, reel canopy, and bead board)	ASO	GC	Jahabow	Y	Matthew Christensen	mchristensen@jahabow.com	o: (800) 325-2823 c: (314) 732-7008 f: (314) 423-1244	GC must coordinate installation and punch work. GC shall install using ASO preferred millwork installer
Millwork Installer	GC	GC	Rep Contracting	Y	Dmitry Zaltsman	dmitry@repcontracting.com	(314)-440-9505	Millwork packages include Jahabow millwork packages/ Vulcan Fitting Room package / Bead Board. GC to set aside a $50k allowance for Millwork Installer to perform millwork install
Modified Polished Concrete	GC	GC	Concrete Solutions		Joe Gray	joe@concretesolutionsusa.com	o: (479) 935-4288 c: (479) 799-5797	GC to ensure this includes 3M floor tape and return visit after millwork and fixture installation. If GC utilizes alternative trade, this must be delineated in bid submittal.
Office Furniture	ASO	ASO			Heberto Hinojosa	herberto.hinojosa@academy.com	(281) 944-6189	GC to coordinate shipping and installation with ASO purchasing manager
Overhead Roll Down Shutters at Gun Vault	GC	GC	QMI	Y	Julie Perez	jperez@qmiusa.com	(630) 945-8907	
Parking Lot Cart Corrals	ASO	GC						
Restroom and Toilet Accessories	GC	GC	Haines, Jones, & Cadbury, LLC		Kaylin Brouhard	ASO@hjcinc.com Kaylin.Brouhard@hjcinc.com	(800) 459-7099	Preferred Vendor; GC may source locally if vendor is unable to meet delivery dates.
Tissue, towels, and soap dispensers	ASO	GC	Staples	Y	Steve Kassmya	Steve.Kassmya@Staples.com	(832) 341-1170	Project support & Professional dispenser installation are available at no cost to Academy - simply request by emailing Steve Kassmya
Roofing	GC	GC	Antex		Mike Hudson	mhudson@antexroofing.com	(281) 872 6693	Preferred vendor but GC to source locally if needed. GC to confirm if LL has a required vendor
Steel (Joist, Decking, Canopy, Structural and Misc Steel) GROUND UP ONLY	ASO	GC	Apel	Y	Toni Treadway	tonit@apelsteel.net	(256) 739-6280	GROUND UP ONLY. Galvalume decking for canopy at entry is supplied and installed by GC
Steel (Joist, Decking, Canopy, Structural and Misc Steel) TAKEOVER SPACES ONLY	GC	GC	Apel		Toni Treadway	tonit@apelsteel.net	(256) 739-6280	TAKEOVER SPACES ONLY-GC to source steel. Galvalume decking for Canopy at entry is supplied and installed by GC. Steel supplier is preferred, not required.
Steel (Joist, Decking, Canopy, Structural and Misc Steel). GROUND UP ONLY	ASO	GC	Ellison	Y	James Ellison	Jellison@ellisonsteelinc.com	(254) 729-2122	GROUND UP ONLY. Galvalume decking for canopy at entry is supplied and installed by GC
Steel (Joist, Decking, Canopy, Structural and Misc Steel). TAKEOVER SPACES ONLY	GC	GC	Ellison		James Ellison	Jellison@ellisonsteelinc.com	(254) 729-2122	TAKEOVER SPACES ONLY-GC to source steel. Galvalume decking for Canopy at entry is supplied and installed by GC. Steel supplier is preferred, not required.
Test and Balance	GC	GC	Nexrev	Y	Nick Roth	Academy@nexrev.com nickroth@nexrev.com	(972) 303-8540	GC to coordinate and schedule with NexRev and oversee completion of their work
Voice/Data Low Voltage Cabling	GC	GC	Pfeiffer and Son, LTD	Y	Michael Koval	mkoval@pfeifferandson.com	o: (281) 471-4222 c: (832) 474-1932	GC must coordinate installation and punch work

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SILOAM SPRINGS, AR
JOB NUMBER: 5269
DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
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DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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RBTS PREFERRED VENDORS AND RESPONSIBILITIES

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Envelope Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Academy Sports - Siloam Springs, AR
Project Type: New Construction

Construction Site:	Owner/Agent:	Designer/Contractor:
Siloam Springs, Arkansas	John Ransom The CD Companies 12 Sunnen drive Suite 100 St Louis, Missouri 63143 3148211100 john.ransom@thecdcompanies.com	John Ransom The CD Companies 12 Sunnen drive Suite 100 St Louis, Missouri 63143 3148211100 john.ransom@thecdcompanies.com

Building Location (for weather data): Siloam Springs, Arkansas
Climate Zone: 4a
Vertical Glazing / Wall Area Pct.: **4%**
Skylight Glazing / Roof Area Pct.: **1%**

Building Use: Activity Type(s)	Floor Area
1-Retail : Nonresidential	54931

Section 2: Envelope Assemblies and Requirements Checklist

Envelope PASSES: Design 1% better than code.

Envelope Assemblies:

Component Name/Description	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	Proposed U-Factor	Budget U-Factor(a)
Orientation: NORTH					
Ext. Wall: Solid Concrete, 8in. Thickness,Normal Density , Furring: Metal, [Bldg. Use 1 - Retail]	4678	13.0	0.0	0.142	0.104
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	42	---	---	0.090	0.700
Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Retail]	54	---	---	0.125	0.500
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Orientation: EAST					
Ext. Wall: Solid Concrete, 8in. Thickness,Normal Density , Furring: Metal, [Bldg. Use 1 - Retail]	4976	13.0	0.0	0.142	0.104
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Retail]	72	---	---	0.125	0.500
Door: Insulated Metal, Non-Swinging, [Bldg. Use 1 - Retail]	72	---	---	0.125	0.500
Orientation: SOUTH					
Ext. Wall: Solid Concrete, 8in. Thickness,Normal Density , Furring: Metal, [Bldg. Use 1 - Retail]	5670	13.0	0.0	0.142	0.104
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID : SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, [Bldg. Use 1 - Retail] (b)	48	---	---	0.450	0.550
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, [Bldg. Use 1 - Retail] (b)	378	---	---	0.450	0.550
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	48	---	---	0.450	0.550
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	48	---	---	0.450	0.550
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	48	---	---	0.450	0.550
Window: Metal Frame with Thermal Break: Fixed, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	48	---	---	0.450	0.550
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	46	---	---	0.450	0.850
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, [Bldg. Use 1 - Retail] (b)	46	---	---	0.450	0.850
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Door: Insulated Metal, Swinging, [Bldg. Use 1 - Retail]	21	---	---	0.090	0.700
Door: Glass (over 50% glazing): Metal Frame, Entrance Door, Perf. Specs.: Product ID SunGuard eXtraSelective SNX 62/27 on Clear, SHGC 0.23, PF 0.88, [Bldg. Use 1 - Retail] (b)	84	---	---	0.450	0.850
Orientation: WEST					
Ext. Wall: Solid Concrete, 8in. Thickness,Normal Density , Furring: Metal, [Bldg. Use 1 - Retail]	4976	13.0	0.0	0.142	0.104
Orientation: UNSPECIFIED ORIENTATION					
Floor: Unheated Slab-On-Grade, [Bldg. Use 1 - Retail]	976	---	---	---	---
Roof: Insulation Entirely Above Deck, [Bldg. Use 1 - Retail]	54214	---	20.0	0.048	0.048
Skylight: Metal Frame with Thermal Break: Plastic, with Curb, Perf. Specs.: Product ID Kingspan Light + Air, SHGC 0.26, [Bldg. Use 1 - Retail] (b)	396	---	---	0.710	0.600

(a) Budget U-factors are used for software baseline calculations ONLY, and are not code requirements.
(b) Fenestration product performance must be certified in accordance with NFRC and requires supporting documentation.

Air Leakage, Component Certification, and Vapor Retarder Requirements:

- ☐ 1. All joints and penetrations are caulked, gasketed or covered with a moisture vapor-permeable wrapping material installed in accordance with the manufacturer's installation instructions.
- ☐ 2. Windows, doors, and skylights certified as meeting leakage requirements.
- ☐ 3. Component R-values & U-factors labeled as certified.
- ☐ 4. No roof insulation is installed on a suspended ceiling with removable ceiling panels.
- ☐ 5. 'Other' components have supporting documentation for proposed U-Factors.
- ☐ 6. Insulation installed according to manufacturer's instructions, in substantial contact with the surface being insulated, and in a manner that achieves the rated R-value without compressing the insulation.
- ☐ 7. Stair, elevator shaft vents, and other outdoor air intake and exhaust openings in the building envelope are equipped with motorized dampers.
- ☐ 8. Cargo doors and loading dock doors are weather sealed.
- ☐ 9. Recessed lighting fixtures installed in the building envelope are Type IC rated as meeting ASTM E283, are sealed with gasket or caulk.
- ☐ 10.Building entrance doors have a vestibule equipped with self-closing devices.
  Exceptions:
  - ☐ Building entrances with revolving doors.
  - ☐ Doors not intended to be used as a building entrance.
  - ☐ Doors that open directly from a space less than 3000 sq. ft. in area.
  - ☐ Doors used primarily to facilitate vehicular movement or materials handling and adjacent personnel doors.
  - ☐ Doors opening directly from a sleeping/dwelling unit.

Section 3: Compliance Statement

Compliance Statement: The proposed envelope design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed envelope system has been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

Emilie Burnes - Architectural Designer | *Emilie Burnes* | 11/18/25
Name - Title | Signature | Date

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Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Academy Sports - Siloam Springs, AR
Project Type: New Construction

Construction Site:	Owner/Agent:	Designer/Contractor:
3299 US 412 Siloam Springs, Arkansas 72761	Tony Rivera Academy Sports + Outdoors 1540 N. Mason Road Katy, Texas 77449 281-646-5926 Tony.Rivera@academy.com	Emilie Burnes The CD Companies 12 Sunnen drive Suite 100 St Louis, Missouri 63143 3148211100

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
Retail	54931	1.5	82396
		Total Allowed Watts =	82396

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Retail (54931 sq.ft.)				
LED: B2/B2E: High-Bay: Other:	1	331	110	36410
LED: C1/CA: Linear: Other:	1	13	32	416
LED: C2: Linear: Other:	1	5	5	25
LED: D/DE: 2'x4' Recessed: Other:	1	21	46	966
LED: F/FE: 2'x4' Recessed: Other:	1	11	46	506
LED: G: Dock Light: Other:	1	2	53	106
LED: NE1: 8' Recessed: Other:	1	3	64	192
			Total Proposed Watts =	38621

Section 4: Requirements Checklist

Interior Lighting PASSES: Design 53% better than code.

Lighting Wattage:

- ☐ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
82396	38621	YES

Controls, Switching, and Wiring:

- ☐ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
- ☐ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

  Exceptions:
  - ☐ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.

ENERGY NOTES

1. ALL EXTERIOR JOINTS AND OPENINGS IN THE BUILDING ENVELOPE THAT ARE POTENTIAL SOURCES OF AIR LEAKAGE SHALL BE SEALED, GASKETED, WEATHERSTRIPPED, OR OTHERWISE SEALED.
2. SITE CONSTRUCTED DOORS, WINDOWS, AND SKYLIGHTS SHALL BE SEALED BETWEEN THE UNIT AND THE BUILDING AND SHALL BE WEATHERSTRIPPED (EXCEPT FOR FRAMED GLASS DOORS AND FIRE DOORS).
3. MANUFACTURED DOORS AND WINDOWS INSTALLED SHALL HAVE AIR FILTRATION RATES CERTIFIED BY THE MANUFACTURER.
4. DOORS AND WINDOWS SHALL BE SEALED BETWEEN THE UNIT AND THE BUILDING AND SHALL BE WEATHERSTRIPPED.
5. ALL INSULATING MATERIAL SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME SPREAD RATING AND SMOKE DENSITY REQUIREMENTS OF THE BUILDING CODE WITH ANY LOCAL AMENDMENTS.
6. MATERIALS AND EQUIPMENT MUST BE LABELED BY THE MANUFACTURER SO COMPLIANCE WITH ENERGY CODE CAN BE DETERMINED.

ROOF INSULATION	R-VALUE ≥ 20 C.I.
WALLS ABOVE GRADE:	R-VALUE ≥ R-13
WALLS BELOW GRADE:	NOT REQUIRED
SLAB ON GRADE:	NOT REQUIRED
SWING OPAQUE DOORS:	U-FACTOR ≤ 0.70
GARAGE DOOR < 14% GLAZING:	U-FACTOR ≤ 0.50
SKYLIGHT CURBS:	R-VALUE ≥ 5
FENESTRATION	
FIXED:	U-FACTOR ≤ 0.50
OPERABLE:	U-FACTOR ≤ 0.55
ENTRANCE DOORS:	U-FACTOR ≤ 0.85
SHGC - FIXED	
PF< 0.25	SHGC ≤ 0.40
0.25 < PF < 0.5	NOT REQUIRED
PF ≥ 0.5	NOT REQUIRED
SKYLIGHTS	
U-FACTOR	U-FACTOR ≤ 0.6
SHGC	SHGC ≤ 0.40

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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269
DOC DATE: 01/13/26

ISSUE BLOCK

11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

- ☐ 4. Independent controls for each space (switch/occupancy sensor).

  Exceptions:
  - ☐ Areas designated as security or emergency areas that must be continuously illuminated.
  - ☐ Lighting in stairways or corridors that are elements of the means of egress.
- ☐ 5. Master switch at entry to hotel/motel guest room.
- ☐ 6. Individual dwelling units separately metered.
- ☐ 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
- ☐ 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

  Exceptions:
  - ☐ Only one luminaire in space.
  - ☐ An occupant-sensing device controls the area.
  - ☐ The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
  - ☐ Areas that use less than 0.6 Watts/sq.ft.
- ☐ 9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

  Exceptions:
  - ☐ Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.
- ☐ 10.Photocell/astronomical time switch on exterior lights.

  Exceptions:
  - ☐ Lighting intended for 24 hour use.
- ☐ 11.Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

  Exceptions:
  - ☐ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

Edward Thirdkill - Electrical Designer | *Edward Thirdkill* | 11/18/2025
Name - Title | Signature | Date

Generated by COM*check-Web* Software

Exterior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Academy Sports - Siloam Springs, AR
Project Type: New Construction
Exterior Lighting Zone: 4 (High activity metropolitan commercial district (LZ4))

Construction Site:	Owner/Agent:	Designer/Contractor:
3299 US 412 Siloam Springs, Arkansas 72761	Tony Rivera Academy Sports + Outdoors 1540 N. Mason Road Katy, Texas 77449 281-646-5926 Tony.Rivera@academy.com	Emilie Burnes The CD Companies 12 Sunnen drive Suite 100 St Louis, Missouri 63143 3148211100

Section 2: Exterior Lighting Area/Surface Power Calculation

A Exterior Area/Surface	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B x C)	F Proposed Watts
Parking (Parking area)	143315 ft2	0.13	Yes	18631	5400
Canopy (Entry canopy)	867 ft2	0.4	Yes	347	660
			Total Tradable Watts* =	18978	6060
			Total Allowed Watts =	18978	
			Total Allowed Supplemental Watts** =	1300	

* Wattage tradeoffs are only allowed between tradable areas/surfaces.
** A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Section 3: Exterior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Parking (Parking area, 143315 ft2): Tradable Wattage				
LED: A: Pole Mounted: Other:	2	4	320	1280
LED: B: Pole Mounted: Other:	2	8	320	2560
LED: LC: Wall Sconce: Other:	1	26	60	1560
Canopy (Entry canopy, 867 ft2): Tradable Wattage				
LED: LE1: Linear: Other:	1	11	60	660
			Total Tradable Proposed Watts =	6060

Section 4: Requirements Checklist

Lighting Wattage:

- ☐ 1. Within each non-tradable area/surface, total proposed watts must be less than or equal to total allowed watts. Across all tradable areas/ surfaces, total proposed watts must be less than or equal to total allowed watts.
  Compliance: Passes.

Controls, Switching, and Wiring:

- ☐ 2. All exemption claims are associated with fixtures that have a control device independent of the control of the nonexempt lighting.
- ☐ 3. Lighting not designated for dusk-to-dawn operation is controlled by either a a photosensor (with time switch), or an astronomical time switch.
- ☐ 4. Lighting designated for dusk-to-dawn operation is controlled by an astronomical time switch or photosensor.
- ☐ 5. All time switches are capable of retaining programming and the time setting during loss of power for a period of at least 10 hours.

Exterior Lighting Efficacy:

- ☐ 6. All exterior building grounds luminaires that operate at greater than 100W have minimum efficacy of 60 lumen/watt.

  Exceptions:
  - ☐ Lighting that has been claimed as exempt and is identified as such in Section 3 table above.
  - ☐ Lighting that is specifically designated as required by a health or life safety statue, ordinance, or regulation.
  - ☐ Emergency lighting that is automatically off during normal building operation.
  - ☐ Lighting that is controlled by motion sensor.

Exterior Lighting PASSES: Design 70% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

Edward Thirdkill - Electrical Designer | *Edward Thirdkill* | 11/18/2025
Name - Title | Signature | Date

Generated by COM*check-Web* Software

Mechanical Compliance Certificate

Section 1: Project Information

Energy Code: **2009 IECC**
Project Title: Academy Sports - Siloam Springs, AR
Project Type: New Construction

Construction Site:	Owner/Agent:	Designer/Contractor:
3299 US 412 Siloam Springs, Arkansas 72761	Tony Rivera Academy Sports + Outdoors 1540 N. Mason Road Katy, Texas 77449 281-646-5926 Tony.Rivera@academy.com	Emilie Burnes The CD Companies 12 Sunnen drive Suite 100 St Louis, Missouri 63143 3148211100

Section 2: General Information

Building Location (for weather data): Siloam Springs, Arkansas
Climate Zone: 4a

Section 3: Mechanical Systems List

Quantity **System Type & Description**

Section 4: Requirements Checklist

Section 5: Compliance Statement

Compliance Statement: The proposed mechanical design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2009 IECC requirements in COM*check-Web* and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title | Signature | Date

Section 6: Post Construction Compliance Statement

- ☐ HVAC record drawings of the actual installation, system capacities, calibration information, and performance data for each equipment provided to the owner.
- ☐ HVAC O&M documents for all mechanical equipment and system provided to the owner by the mechanical contractor.
- ☐ Written HVAC balancing and operations report provided to the owner.

The above post construction requirements have been completed.

Frankie Martin - Engineering Designer | *Frankie Martin* | 11/18/2025
Principal Mechanical Designer-Name | Signature | Date

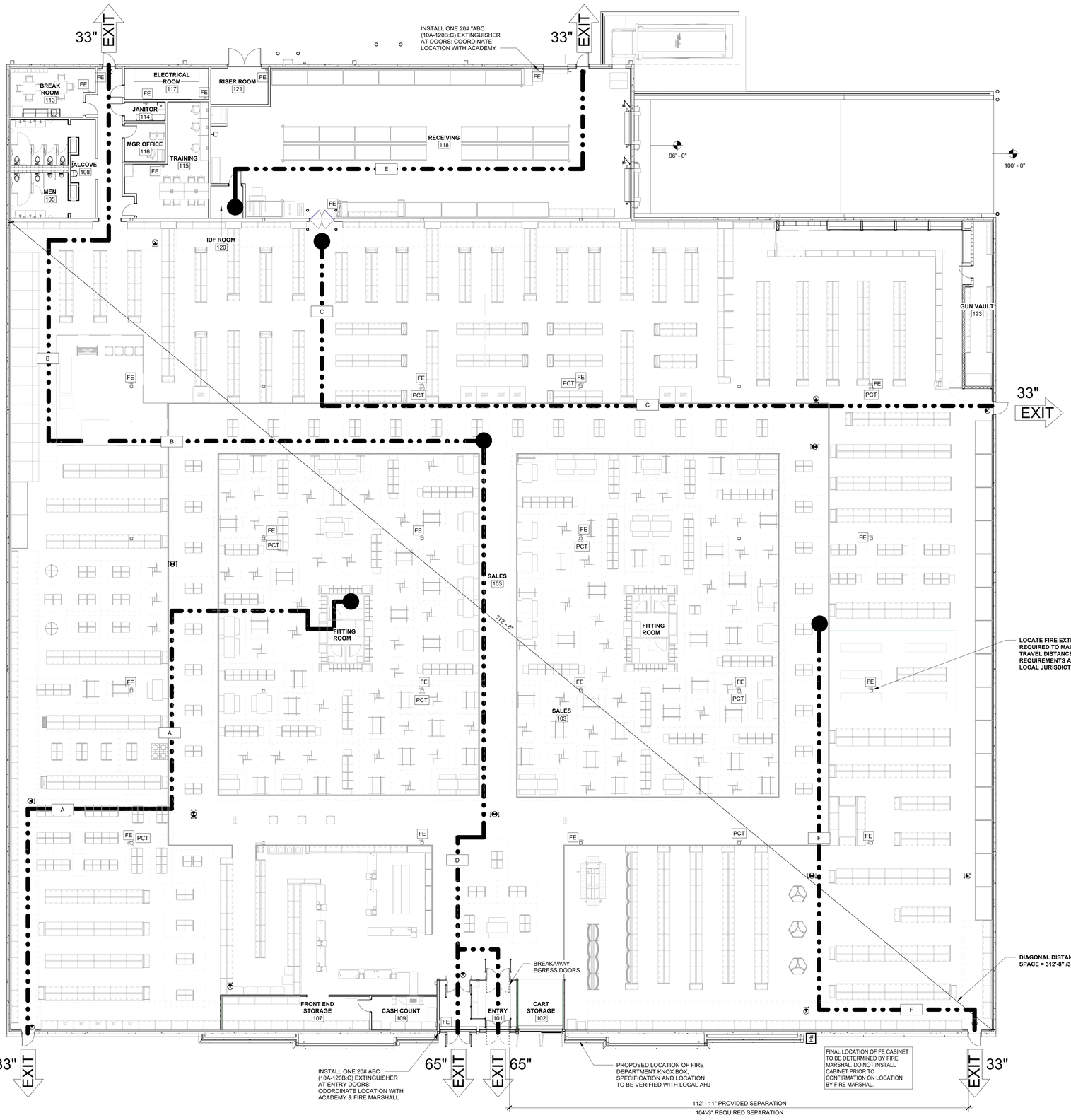
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ENERGY COMPLIANCE AND THERMAL BARRIER

SHEET:
G0.10



CODE REQUIREMENTS

- **ALLOWABLE AREA:** UNLIMITED - THE AREA OF ANY ONE STORY GROUP M BUILDING SHALL NOT BE LIMITED WHEN THE BUILDING IS PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM THROUGHOUT IN ACCORDANCE WITH SECTION 903.3.1.1. AND IS SURROUNDED AND ADJOINED BY PUBLIC WAYS OR YARDS NOT LESS THAN 60 FEET IN WIDTH. (SEE SECTION 507.4)
- **SPRINKLER NOTE:** ENTIRE BUILDING IS TO BE FULLY SPRINKLERED. SPRINKLER INSTALLATION SHALL BE PROVIDED BY OTHERS
- **ENERGY EFFICIENCY NOTE:** PER 2009 IECC SECTION 502.4.7 EXCEPTION 2, A VESTIBULE IS NOT REQUIRED AT THE CART STORAGE SINCE THE DOORS AT THE CART STORAGE ARE NOT INTENDED TO BE USED BY THE PUBLIC, THEY ARE INTENDED SOLELY FOR EMPLOYEE USE.
- **EXITS:** ONLY CODE REQUIRED EXITS ARE SHOWN, DESIGNATED AS "EXIT" ON THE PLAN. REFER TO MEP DRAWINGS FOR EGRESS SIGNAGE AND EGRESS ILLUMINATION. ALL CODE REQUIRED EXITS MUST MEET STATE AND FEDERAL ACCESSIBILITY REQUIREMENTS. GENERAL CONTRACTORS SHALL BE RESPONSIBLE FOR INSTALLING ALL REQUIRED EXIT SIGNAGE SHOWN AND NOT SHOWN ON DRAWINGS.
- **SIGNAGE:** TACTILE SIGNAGE TO BE PROVIDED AND INSTALLED AS PER FEDERAL, STATE, AND LOCAL CODES, AS REGULATED BY WHICHEVER CODE IS THE MOST STRINGENT.
- **OCCUPANT LOADS:** PER TABLE 1004.5 - MERCANTILE OCCUPANCY (REFERENCE OCCUPANCY LOAD SCHEDULE)
- **NUMBER OF EXITS REQUIRED:** PER TABLE 1006.2.1
  NUMBER OF EXITS REQUIRED : (3)
- **REQUIRED EXIT WIDTHS:** PER SECTION 1005.3.2
  SALES FLOOR AREA, OFFICE AREA, AND ACCESSORY STORAGE
  822 OCCUPANTS X 0.15 INCHES PER OCCUPANT (SPRINKLERED) =
  123.3 INCHES REQUIRED (295 INCHES PROVIDED)

  RECEIVING AREA
  13 OCCUPANTS X 0.15 INCHES PER OCCUPANT (SPRINKLERED) =
  1.95 INCHES REQUIRED (33 INCHES PROVIDED)
- **MAXIMUM TRAVEL DISTANCE:** PER TABLE 1017.2 = OCCUPANCY GROUP M 250', MAXIMUM TRAVEL DISTANCE ALLOWED TO EXITS WHEN PROVIDED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.
- **MINIMUM SEPARATION OF EXITS:** PER SECTION 1007.1.1 EXCEPTION 2 MINIMUM SEPARATION OF EXITS SHALL BE NO LESS THAN 1/3 THE DIAGONAL DISTANCE OF THE SPACE WHEN PROVIDED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM.
- **FIRE EXTINGUISHERS:** PER TABLE 906.3(1) = INSTALL 4-A:60-B:C UL RATED FIRE EXTINGUISHERS AS INDICATED ON PLANS. 75' MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER. INSTALL 10-A:120-B:C UL RATED FIRE EXTINGUISHERS IN THE RECEIVING AND VESTIBULE AREAS WHERE INDICATED ON THE PLANS. EXTINGUISHER LOCATIONS ARE DESIGNATED AS "FE" ON THIS SHEET AND SHEET A1.0.

OCCUPANT LOAD SCHEDULE

TYPE	AREA GROUP	FAPO	Area	TOTAL OCCUPANT
S1	ACCESSORY STORAGE	300 SF	1,061 SF	4
B	OFFICE AREA	150 SF	1,146 SF	8
S2	RECEIVING AREA	300 SF	3,772 SF	13
M	SALES	60 SF	48,155 SF	803
TOTAL:			54,134 SF	826

FIXTURE PLAN LAYOUT

FINAL FIXTURE PLAN LAYOUT PROVIDED BY ACADEMY. LAYOUT CHANGES PER STORE LOCATION AND DATE OF STORE OPENING.

AREA CALCULATIONS

SITE SPECIFIC BUILDING AREAS AND CALCULATIONS ARE TO BE BASED ON A SPECIFIC BUILDING FOOTPRINT PER THE REAL ESTATE AGREEMENT.

FIRE LANE NOTES

SEE CIVIL SITE PLAN FOR FIRE LANE REQUIREMENTS

SHEET NOTES

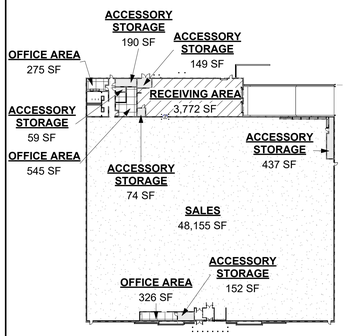
1. VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD.
2. REFERENCE SHEET A1.00 AND A3.10 FOR ALL PARTITION TYPES, INTERIOR WALL DETAILS AND NOTES.
3. ALL GYPSUM BOARD TO BE TYPE "X" FOR FIRE RATED WALLS.
4. SEE SHEET A5.30 FOR FLOORING LAYOUT.

EGRESS DISTANCE

EXIT PATH	EXIT PATH DISTANCE
A	195' - 5"
B	214' - 4"
C	205' - 6"
D	182' - 4"
E	118' - 10"
F	138' - 2"

AREA PLAN LEGEND

- RECEIVING AREA
- OFFICE
- MERCANTILE
- ACCESSORY/STORAGE



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ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
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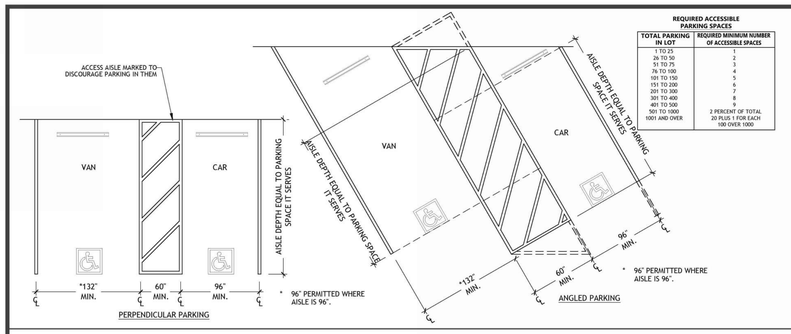
DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

EGRESS PLAN AND EXITING CALCULATIONS

SHEET: G0.20

2 **LIFE SAFETY PLAN** 3/32" = 1'-0" — REF 1 /A2.00

1 **AREA PLAN** 1" = 60'-0" — REF 1 /A2.00



REQUIRED ACCESSIBLE PARKING SPACES

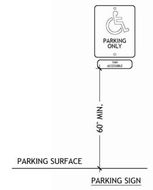
TOTAL PARKING IN LOT	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1 TO 25	1
26 TO 50	2
51 TO 75	3
76 TO 100	4
101 TO 150	5
151 TO 200	6
201 TO 300	7
301 TO 400	8
401 TO 500	9
501 TO 1000	2 PERCENT OF TOTAL
1001 AND OVER	20 PLUS 1 FOR EACH 100 OVER 1000

ACCESSIBLE PARKING SPACE NOTES:

1. CAR PARKING SPACES SHALL BE 96 INCHES WIDE MINIMUM AND VAN PARKING SPACES SHALL BE 132 INCHES WIDE MINIMUM, SHALL BE MARKED TO DEFINE THE WIDTH, AND SHALL HAVE AN ADJACENT ACCESS AISLE. VAN PARKING SPACES SHALL BE PERMITTED TO BE 96 INCHES WIDE MINIMUM WHERE THE ACCESS AISLE IS 96 INCHES WIDE MINIMUM.
2. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE. TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE
3. ACCESS AISLES SERVING CAR AND VAN PARKING SPACES SHALL BE 60 INCHES WIDE MINIMUM.
4. ACCESS AISLES SHALL EXTEND THE FULL REQUIRED LENGTH OF THE PARKING SPACES THEY SERVE.
5. ACCESS AISLES SHALL BE MARKED TO DISCOURAGE PARKING IN THEM.
6. ACCESS AISLES SHALL NOT OVERLAP THE VEHICULAR WAY. ACCESS AISLES SHALL BE PERMITTED TO BE PLACED ON EITHER SIDE OF THE PARKING SPACE EXCEPT FOR VAN PARKING SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE PARKING SPACES.
7. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. CHANGES IN LEVEL ARE NOT PERMITTED. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
8. PARKING SPACES, ACCESS AISLES AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF 98 INCHES MINIMUM.
9. PARKING SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT CARS AND VANS, WHEN PARKED, CANNOT OBSTRUCT THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES

ACCESSIBLE PARKING SPACES

N.T.S. 502 — 12

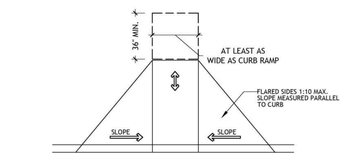


SIGNAGE AND IDENTIFICATION OF SPACE NOTES:

1. PARKING SPACE IDENTIFICATION SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 703.6.3.1.
2. SIGNS IDENTIFYING VAN PARKING SPACES SHALL CONTAIN ADDITIONAL LANGUAGE OR AN ADDITIONAL SIGN WITH THE DESIGNATION "VAN ACCESSIBLE."
3. SIGNS SHALL BE 60 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.

ACCESSIBLE PARKING SIGNS

N.T.S. 502.7 — 4



CURB RAMP NOTES:

1. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10
2. CURB RAMPS AND THE FLARED SIDES OF CURB RAMPS SHALL BE LOCATED SO THAT THEY DO NOT PROJECT INTO VEHICULAR TRAFFIC LANES, PARKING SPACES, OR PARKING ACCESS AISLES. CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
3. THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), SHALL BE 36 INCHES MINIMUM.
4. LANDINGS SHALL BE PROVIDED AT THE TOPS OF CURB RAMPS. THE LANDING CLEAR LENGTH SHALL BE 36 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING ANY FLARED SIDES LEADING TO THE LANDING. THE SLOPE OF THE LANDING IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM.
5. THE CROSS SLOPE OF CURB RAMPS SHALL BE 1:48 MAXIMUM.
6. COUNTER SLOPES OF ADJOINING GUTTERS, AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20. THE ADJACENT SURFACES AT TRANSITIONS AT CURB RAMPS TO WALKS, GUTTERS, AND STREETS SHALL BE AT THE SAME LEVEL.

CURB RAMPS

N.T.S. 406 — 15

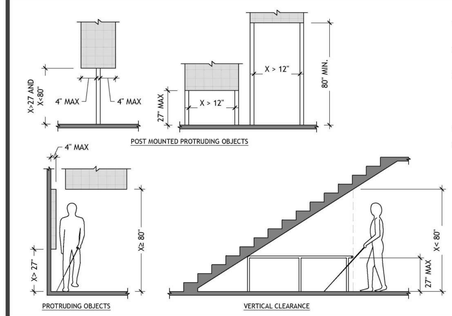


CHANGES IN LEVEL NOTES:

1. CHANGES IN LEVEL OF 1/4 INCH HIGH MAXIMUM SHALL BE PERMITTED TO BE VERTICAL AND WITHOUT EDGE TREATMENT.
2. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MINIMUM AND 1/2 INCH HIGH MAXIMUM SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.
3. CHANGES IN LEVEL GREATER THAN 1/2 INCH HIGH SHALL BE RAMPED.

CHANGES IN LEVEL

N.T.S. 303 — 11

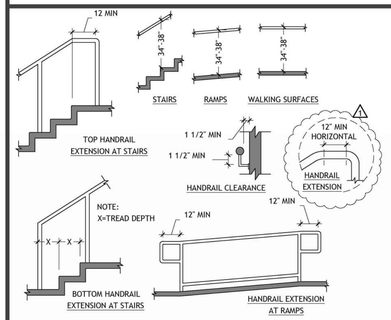


PROTRUDING OBJECT NOTES:

1. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.
2. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS SHALL OVERHANG CIRCULATION PATHS 12 INCHES MAXIMUM WHEN LOCATED 27 INCHES MINIMUM AND 80 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
3. WHERE A SIGN OR OTHER OBSTRUCTION IS MOUNTED BETWEEN POSTS OR PYLONS AND THE CLEAR DISTANCE BETWEEN THE POSTS OR PYLONS IS GREATER THAN 12 INCHES, THE LOWEST EDGE OF SUCH SIGN OR OBSTRUCTION SHALL BE 27 INCHES MAXIMUM OR 80 INCHES MINIMUM ABOVE FINISH FLOOR OR GROUND. THE SLOPING PORTIONS OF HANDRAILS SERVING STAIRS AND RAMPS SHALL NOT BE REQUIRED TO COMPLY.
4. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
5. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.

PROTRUDING OBJECTS

N.T.S. 307 — 3

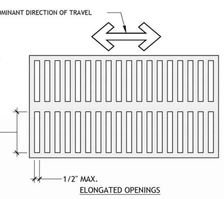


HANDRAIL NOTES:

1. HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS THAT EXCEED 6 INCHES IN RISE.
2. HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS AND RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS.
3. TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MINIMUM AND 38 INCHES MAXIMUM VERTICALLY ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE WALKING SURFACES, STAIR NOSINGS, AND RAMP SURFACES.
4. CLEARANCE BETWEEN HANDRAIL GRIPPING SURFACES AND ADJACENT SURFACES SHALL BE 1-1/2 INCHES MINIMUM.
5. HANDRAIL GRIPPING SURFACES SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES. THE BOTTOMS OF HANDRAIL GRIPPING SURFACES SHALL NOT BE OBSTRUCTED FOR MORE THAN 20 PERCENT OF THEIR LENGTH. WHERE PROVIDED, HORIZONTAL PROJECTIONS SHALL OCCUR 1-1/2 INCHES MINIMUM BELOW THE BOTTOM OF THE HANDRAIL GRIPPING SURFACE.
6. HANDRAIL GRIPPING SURFACES WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.
7. HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4 INCHES MINIMUM AND 6-1/4 INCHES MAXIMUM, AND A CROSS-SECTION DIMENSION OF 2-1/4 INCHES MAXIMUM.
8. HANDRAIL GRIPPING SURFACES AND ANY SURFACES ADJACENT TO THEM SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
9. RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN.
10. AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.
11. AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

HANDRAILS

N.T.S. 505 — 14

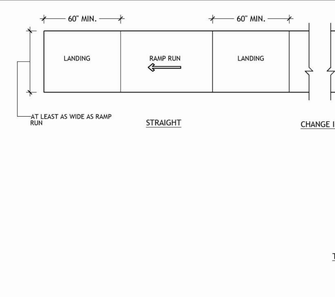


GROUND SURFACE NOTES:

1. FLOOR & GROUND SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT.
2. CARPET OR CARPET TILE SHALL BE SECURELY ATTACHED AND SHALL HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD.
3. OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH DIAMETER.
4. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

FLOOR OR GROUND SURFACES

N.T.S. 302 — 10



RAMP NOTES:

1. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12.
2. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48.
3. CHANGES IN LEVEL OTHER THAN THE RUNNING SLOPE AND CROSS SLOPE ARE NOT PERMITTED ON RAMP RUNS.
4. THE CLEAR WIDTH OF A RAMP RUN SHALL BE 36 INCHES MINIMUM. HANDRAILS AND HANDRAIL SUPPORTS THAT ARE PROVIDED ON THE RAMP RUN SHALL NOT PROJECT INTO THE REQUIRED CLEAR WIDTH OF THE RAMP RUN.
5. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAXIMUM.
6. RAMPS SHALL HAVE LANDINGS AT THE TOP AND THE BOTTOM OF EACH RAMP RUN.
7. RAMP LANDING SLOPES SHALL NOT BE STEEPER THAN 1:48.
8. LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING.
9. LANDING CLEAR LENGTH SHALL BE 60 INCHES LONG MINIMUM.
10. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS SHALL HAVE A CLEAR LANDING 60 INCHES MINIMUM BY 60 INCHES MINIMUM.
11. A CURB, OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4 INCH DIAMETER SPHERE, WHERE ANY PORTION OF THE SPHERE IS WITHIN 4 INCHES OF THE FINISH FLOOR OR GROUND SURFACE.

RAMPS

N.T.S. 405 — 13

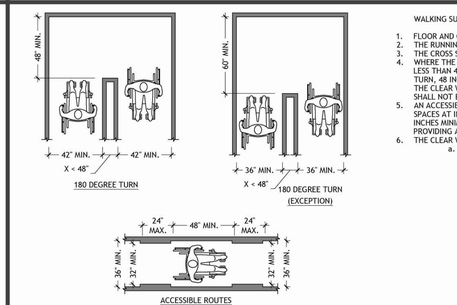


STAIRWAY NOTES:

1. ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES HIGH MINIMUM AND 7 INCHES HIGH MAXIMUM. TREADS SHALL BE 11 INCHES DEEP MINIMUM.
2. OPEN RISERS ARE NOT PERMITTED.
3. TREADS SHALL BE PERMITTED TO HAVE A SLOPE NOT STEEPER THAN 1:48.
4. THE LEADING 2 INCHES OF THE TREAD SHALL HAVE VISUAL CONTRAST OF DARK -ON-LIGHT OR LIGHT-ON-DARK FROM THE REMAINDER OF THE TREAD.
5. THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE 1/2 INCH MAXIMUM. RISERS SHALL BE PERMITTED TO SLOPE UNDER THE TREAD AT AN ANGLE OF 30 DEGREES MAXIMUM FROM VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL EXTEND 1-1/2 INCHES MAXIMUM OVER THE TREAD BELOW.

STAIRWAYS

N.T.S. 504 — 9



WALKING SURFACES NOTES:

1. FLOOR AND GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT.
2. THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20.
3. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48.
4. WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES WIDE, CLEAR WIDTH SHALL BE 42 INCHES MINIMUM APPROACHING THE TURN, 48 INCHES MINIMUM AT THE TURN AND 42 INCHES MINIMUM LEAVING THE TURN. WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES MINIMUM COMPLIANCE WITH SECTION 403.5.1 SHALL NOT BE REQUIRED.
5. AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAXIMUM. PASSING SPACES SHALL BE EITHER: A SPACE 60 INCHES MINIMUM BY 60 INCHES MINIMUM; OR, AN INTERSECTION OF TWO WALKING SURFACES PROVIDING A T-SHAPED SPACE.
6. THE CLEAR WIDTH OF ACCESSIBLE ROUTES SHALL BE 36 INCHES MINIMUM
   a. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES MINIMUM FOR A LENGTH OF 24 INCHES MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES LONG MINIMUM AND 36 INCHES WIDE MINIMUM.

WALKING SURFACES

N.T.S. 403 — 1

CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

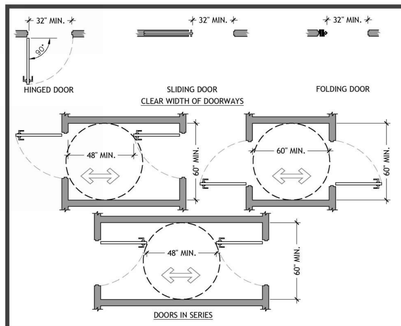
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

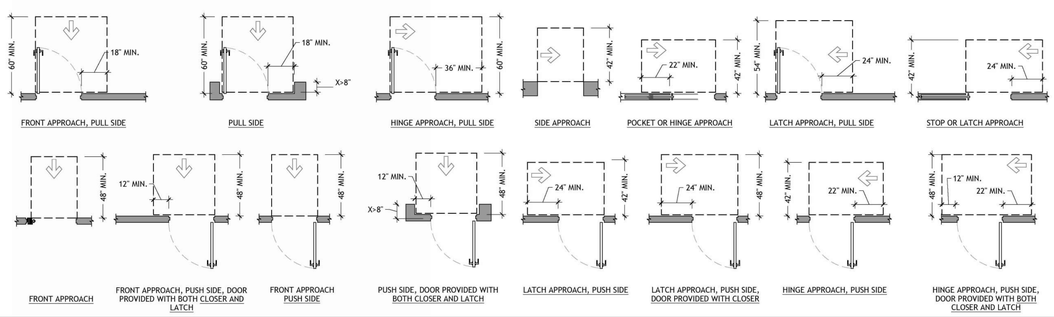
Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ACCESSIBILITY DETAILS

SHEET: G0.30



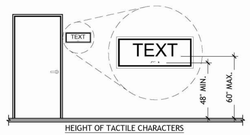


DOOR NOTES

1. REVOLVING DOORS, REVOLVING GATES, AND TURNSTILES SHALL NOT BE PART OF AN ACCESSIBLE ROUTE AND SHALL COMPLY WITH SECTIONS 402.3 AND 402.4.
2. AT LEAST ONE OF THE ACTIVE LEAVES OF DOORWAYS WITH TWO LEAVES SHALL.
3. DOOR OPENINGS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. IN ALTERATIONS, A PROJECTION OF 5/8 INCH MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP.
4. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES AND 80 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES.
5. MANEUVERING CLEARANCES FOR FORWARD APPROACH SHALL BE PROVIDED WHEN ANY OBSTRUCTION WITHIN 18 INCHES OF THE LATCH SIDE OF A DOORWAY, PROJECTS MORE THAN 8 INCHES BEYOND THE FACE OF THE DOOR, MEASURED PERPENDICULAR TO THE FACE OF THE DOOR OR GATE.
6. FLOOR OR GROUND SURFACE WITHIN REQUIRED MANEUVERING CLEARANCES SHALL NOT SLOPE STEEPER THAN 1:48.
7. THRESHOLDS, IF PROVIDED AT DOORWAYS, SHALL BE 1/2 INCH HIGH MAXIMUM.
8. THE DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES AND GATES IN SERIES SHALL BE 48 INCHES MINIMUM PLUS THE WIDTH OF DOORS OR GATES SWINGING INTO THE SPACE. THE SPACE BETWEEN THE DOORS SHALL PROVIDE A TURNING SPACE.
9. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON DOORS AND GATES SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAXIMUM.
10. OPERABLE PARTS OF HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
11. DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
12. THE FORCE FOR PUSHING OR PULLING OPEN AN INTERIOR DOOR OR GATE SHALL BE 5 POUNDS MAXIMUM.
13. THE FORCE FOR PUSHING OR PULLING OPEN REQUIRED FIRE DOORS SHALL BE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
14. SWINGING DOOR AND GATE SURFACES WITHIN 10 INCHES OF THE FINISH FLOOR OR GROUND MEASURED VERTICALLY SHALL HAVE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR OR GATE.
15. AUTOMATIC DOORS AND AUTOMATIC GATES SHALL COMPLY WITH SECTION 404.3. FULL-POWERED AUTOMATIC DOORS SHALL COMPLY WITH ANSI/BHMA A156.10. LOW-ENERGY AND POWER-ASSISTED DOORS SHALL COMPLY WITH ANSI/BHMA A156.19.

DOORS

N.T.S. 404 — 4



SIGN TEXT

1. WHERE BOTH VISUAL AND TACTILE CHARACTERS ARE REQUIRED, EITHER ONE SIGN WITH BOTH VISUAL AND TACTILE CHARACTERS, OR TWO SEPARATE SIGNS, ONE WITH VISUAL, AND ONE WITH TACTILE CHARACTERS, SHALL BE PROVIDED.
2. RAISED CHARACTERS SHALL BE DUPLICATED IN BRAILLE.
3. RAISED CHARACTERS SHALL BE 1/32 INCH MINIMUM ABOVE THEIR BACKGROUND, UPPERCASE AND SANS SERIF FONT.
4. CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8 INCH MINIMUM AND 2 INCHES MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".
5. STROKE THICKNESS OF THE UPPERCASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.

SIGN BRAILLE

1. BRAILLE SHALL BE CONTRACTED (GRADE 2) AND SHALL COMPLY WITH SECTION 703.4.
2. BRAILLE DOTS SHALL HAVE A DOMED OR ROUNDED SHAPE AND SHALL COMPLY WITH TABLE 703.4.3. THE INDICATION OF AN UPPERCASE LETTER OR LETTERS SHALL ONLY BE USED BEFORE THE FIRST WORD OF SENTENCES, PROPER NOUNS AND NAMES, INDIVIDUAL LETTERS OF THE ALPHABET, INITIALS, AND ACRONYMS.
3. BRAILLE SHALL BE POSITIONED BELOW THE CORRESPONDING TEXT IN A HORIZONTAL FORMAT, FLUSH LEFT OR CENTERED. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM AND 1/2 INCH (MAXIMUM FROM ANY OTHER TACTILE CHARACTERS AND 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS

SIGN INSTALLATION

1. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE LOWEST BRAILLE CELLS AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS.
2. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

VISUAL CHARACTERS

1. CHARACTERS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
2. VISUAL CHARACTERS SHALL BE 40 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

PICTOGRAMS

1. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6 INCHES MINIMUM. CHARACTERS AND BRAILLE SHALL NOT BE LOCATED IN THE PICTOGRAM FIELD.
2. PICTOGRAMS AND THEIR FIELD SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST WITH THEIR FIELD WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.

SIGNS

N.T.S. 703 — 7



ENTRY & DIRECTIONAL SIGN NOTES:

1. IN EXISTING BUILDINGS AND FACILITIES WHERE NOT ALL ENTRANCES ARE ACCESSIBLE, ACCESSIBLE ENTRANCES SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
2. SYMBOLS OF ACCESSIBILITY AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH. SYMBOLS OF ACCESSIBILITY SHALL CONTRAST WITH THEIR BACKGROUNDS, WITH EITHER A LIGHT SYMBOL ON DARK BACKGROUND OR A DARK SYMBOL ON A LIGHT BACKGROUND.
3. DIRECTIONAL SIGNS THAT INDICATE THE LOCATION OF THE NEAREST ACCESSIBLE ENTRANCE SHALL BE PROVIDED AT NON-ACCESSIBLE ENTRANCES.

ENTRY AND DIRECTIONAL SIGNS

N.T.S. 703.6 — 3

DINING CLEAR SPACE — DINING ELEVATION — COUNTER DINING

DINING TABLE REQUIREMENTS

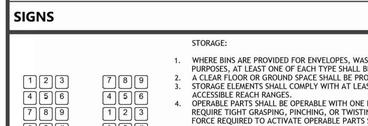
1. WHERE DINING SURFACES FOR THE CONSUMPTION OF FOOD OR DRINK ARE PROVIDED, AT LEAST 5 PERCENT, BUT NOT LESS THAN ONE, OF THE DINING SURFACES FOR THE SEATING AND STANDING SPACES SHALL BE ACCESSIBLE.
2. DINING SURFACES REQUIRED TO BE PROVIDED AS ACCESSIBLE SHALL BE DISPERSED THROUGHOUT THE FACILITY AND LOCATED ON A LEVEL ACCESSED BY AN ACCESSIBLE ROUTE.

DINING TABLES:

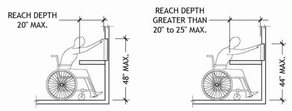
1. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED.
2. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED.
3. THE TOPS OF DINING SURFACES AND WORK SURFACES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
4. WHERE FOOD OR DRINK IS SERVED FOR CONSUMPTION AT A COUNTER EXCEEDING 34 INCHES IN HEIGHT, A PORTION OF THE MAIN COUNTER SHALL BE PROVIDED AS ACCESSIBLE.

DINING TABLE

N.T.S. 1109.11, 902 — 17



SIDE REACH



FORWARD REACH OVER OBSTRUCTIONS

FORWARD REACH:

1. WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAXIMUM WHERE THE REACH DEPTH IS 20 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAXIMUM AND THE REACH DEPTH SHALL BE 25 INCHES MAXIMUM.

SIDE REACH:

1. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM AND THE LOW SIDE REACH SHALL BE 15 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. AN OBSTRUCTION SHALL BE PERMITTED BETWEEN THE CLEAR FLOOR OR GROUND SPACE AND THE ELEMENT WHERE THE DEPTH OF THE OBSTRUCTION IS 10 INCHES MAXIMUM.
3. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES MAXIMUM FOR A REACH DEPTH OF 10 INCHES MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAXIMUM FOR A REACH DEPTH OF 24 INCHES MAXIMUM.

REACH RANGES

N.T.S. 308 — 9



STORAGE:

1. WHERE BINS ARE PROVIDED FOR ENVELOPES, WASTE PAPER, OR OTHER PURPOSES, AT LEAST ONE OF EACH TYPE SHALL BE ACCESSIBLE.
2. A CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED.
3. STORAGE ELEMENTS SHALL COMPLY WITH AT LEAST ONE OF THE REQUIRED ACCESSIBLE REACH RANGES.
4. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS

ATM REQUIREMENTS:

1. A CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED.
2. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.
3. OPERABLE PARTS SHALL BE WITHIN AN ACCESSIBLE REACH RANGE.
4. AUTOMATIC TELLER MACHINES SHALL PROVIDE THE OPPORTUNITY FOR THE SAME DEGREE OF PRIVACY OF INPUT AND OUTPUT AVAILABLE TO ALL INDIVIDUALS.
5. MACHINES SHALL BE SPEECH ENABLED. OPERATING INSTRUCTIONS AND ORIENTATION, VISIBLE TRANSACTION PROMPTS, USER INPUT VERIFICATION, ERROR MESSAGES, AND ALL DISPLAYED INFORMATION FOR FULL USE SHALL BE ACCESSIBLE TO AND INDEPENDENTLY USABLE BY INDIVIDUALS WITH VISION IMPAIRMENTS. SPEECH SHALL BE DELIVERED THROUGH A MECHANISM THAT IS READILY AVAILABLE TO ALL USERS, INCLUDING BUT NOT LIMITED TO, AN INDUSTRY STANDARD CONNECTOR OR A TELEPHONE HANDSET. SPEECH SHALL BE RECORDED OR DIGITIZED HUMAN, OR SYNTHESIZED.
6. SPEECH SHALL BE CAPABLE OF BEING REPEATED OR INTERRUPTED. VOLUME CONTROL SHALL BE PROVIDED FOR THE SPEECH FUNCTION.
7. WHERE RECEIPTS ARE PROVIDED, SPEECH OUTPUT DEVICES SHALL PROVIDE AUDIBLE BALANCE INQUIRY INFORMATION, ERROR MESSAGES, AND ALL OTHER INFORMATION ON THE PRINTED RECEIPT NECESSARY TO COMPLETE OR VERIFY THE TRANSACTION.
8. AT LEAST ONE TACTILELY DISCERNIBLE INPUT CONTROL SHALL BE PROVIDED FOR EACH FUNCTION. WHERE PROVIDED, KEY SURFACES NOT ON ACTIVE AREAS OF DISPLAY SCREENS, SHALL BE RAISED ABOVE SURROUNDING SURFACES. WHERE MEMBRANE KEYS ARE THE ONLY METHOD OF INPUT, EACH SHALL BE TACTILELY DISCERNIBLE FROM SURROUNDING SURFACES AND ADJACENT KEYS.
9. NUMERIC KEYS SHALL BE ARRANGED IN A 12-KEY ASCENDING OR DESCENDING TELEPHONE KEYPAD LAYOUT. THE NUMBER FIVE KEY SHALL BE TACTILELY DISTINCT FROM THE OTHER KEYS.
10. FUNCTION KEYS SHALL CONTRAST VISUALLY FROM BACKGROUND SURFACES. CHARACTERS AND SYMBOLS ON KEY SURFACES SHALL CONTRAST VISUALLY FROM KEY SURFACES. VISUAL CONTRAST SHALL BE EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
11. FUNCTION KEY SURFACES SHALL HAVE TACTILE SYMBOLS AS FOLLOWS: ENTER OR PROCEED KEY: RAISED CIRCLE; CLEAR OR CORRECT KEY: RAISED LEFT ARROW; CANCEL KEY: RAISED LETTER EX; ADD VALUE KEY: RAISED PLUS SIGN; DECREASE VALUE KEY: RAISED MINUS SIGN.
12. THE DISPLAY SCREEN SHALL BE VISIBLE FROM A POINT LOCATED 40 INCHES ABOVE THE CENTER OF THE CLEAR FLOOR SPACE IN FRONT OF THE MACHINE.
13. CHARACTERS DISPLAYED ON THE SCREEN SHALL BE IN A SANS SERIF FONT. CHARACTERS SHALL BE 3/16 INCH HIGH MINIMUM BASED ON THE UPPERCASE LETTER 'I'. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
14. BRAILLE INSTRUCTIONS FOR INITIATING THE SPEECH MODE SHALL BE PROVIDED.

ATMS

N.T.S. 707 — 10



CHECKOUT COUNTERS:

1. WHERE CHECK-OUT AISLES ARE PROVIDED, ACCESSIBLE CHECK-OUT AISLES SHALL BE PROVIDED IN ACCORDANCE WITH THE IBC. WHERE CHECK-OUT AISLES SERVE DIFFERENT FUNCTIONS, ACCESSIBLE CHECK-OUT AISLES SHALL BE PROVIDED IN ACCORDANCE WITH THE IBC FOR EACH FUNCTION. WHERE CHECK-OUT AISLES ARE DISPERSED THROUGHOUT THE BUILDING OR FACILITY, ACCESSIBLE CHECK-OUT AISLES SHALL BE DISPERSED.
2. CHECKOUT COUNTER SURFACE HEIGHT SHALL BE 38 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. THE TOP OF THE COUNTER EDGE PROTECTION SHALL BE 2 INCHES MAXIMUM ABOVE THE TOP OF THE COUNTER SURFACE ON THE AISLE SIDE OF THE CHECK-OUT COUNTER.

SALES AND SERVICE COUNTERS:

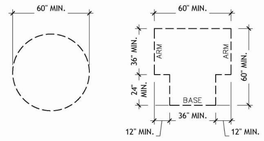
1. WHERE PROVIDED, AT LEAST ONE OF EACH TYPE OF SALES COUNTER AND SERVICE COUNTER SHALL BE ACCESSIBLE. WHERE COUNTERS ARE DISPERSED THROUGHOUT THE BUILDING OR FACILITY, ACCESSIBLE COUNTERS ALSO SHALL BE DISPERSED.
2. THE ACCESSIBLE PORTION OF THE COUNTER TOP SHALL EXTEND THE SAME DEPTH AS THE SALES OR SERVICE COUNTER TOP.
3. A PORTION OF THE COUNTER SURFACE THAT IS 36 INCHES LONG MINIMUM AND 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR SHALL BE PROVIDED. A CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR A PARALLEL APPROACH ADJACENT TO THE 36 INCH MINIMUM LENGTH OF COUNTER.
4. WHERE THE PROVIDED COUNTER SURFACE IS LESS THAN 36 INCHES LONG, THE ENTIRE COUNTER SURFACE SHALL BE 36 INCHES HIGH MAXIMUM ABOVE THE FINISH FLOOR.
5. WHERE COUNTERS OR TELLER WINDOWS HAVE SECURITY GLAZING TO SEPARATE PERSONNEL FROM THE PUBLIC, A METHOD TO FACILITATE VOICE COMMUNICATION SHALL BE PROVIDED

FOOD SERVICE LINES:

1. WHERE SELF-SERVICE SHELVES ARE PROVIDED, AT LEAST 50 PERCENT, BUT NO FEWER THAN ONE, OF EACH TYPE PROVIDED SHALL COMPLY WITH REQUIRED REACH RANGES.
2. THE TOPS OF TRAY SLIDES SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

COUNTERS

N.T.S. 904 — 2

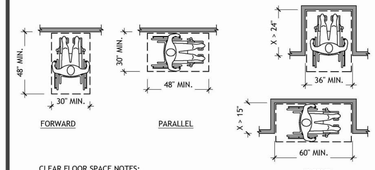


TURNING SPACE NOTES:

1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
2. CIRCLE TURNING SPACE SHALL BE A SPACE OF 60 INCHES DIAMETER MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
3. T-SHAPED TURNING SPACE SHALL BE WITHIN A 60 INCH SQUARE MINIMUM WITH ARMS AND BASE 36 INCHES WIDE MINIMUM. EACH ARM OF THE T SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MINIMUM IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MINIMUM. THE SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE ONLY AT THE END OF EITHER THE BASE OR ONE ARM.
4. DOORS SHALL BE PERMITTED TO SWING INTO TURNING SPACES UNLESS OTHERWISE SPECIFIED.

TURNING SPACE

N.T.S. 304 — 5



CLEAR FLOOR SPACE NOTES:

1. SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.
2. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 30 INCHES MINIMUM BY 48 INCHES MINIMUM.
3. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE.
4. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT.
5. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE.
6. ALCOVES SHALL BE 36 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 24 INCHES.
7. ALCOVES SHALL BE 60 INCHES WIDE MINIMUM WHERE THE DEPTH EXCEEDS 15 INCHES.

CLEAR FLOOR SPACE

N.T.S. 305 — 1

CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269 DOC DATE: 01/13/26

ISSUE BLOCK

11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

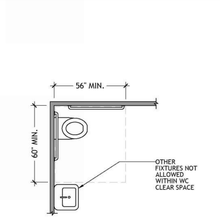
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

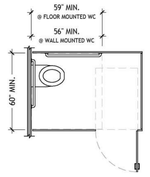
DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ACCESSIBILITY DETAILS

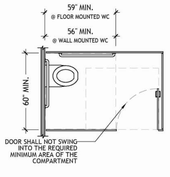
SHEET: G0.31



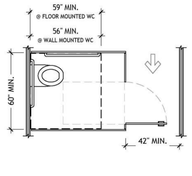
SIZE OF CLEARANCE AT WATER CLOSETS IN SINGLE USER RESTROOM



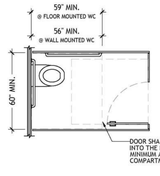
SIDE OUT-SWINGING DOOR



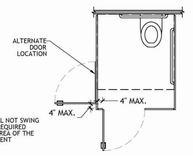
SIDE IN-SWINGING DOOR



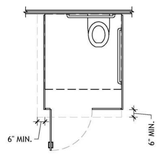
END OUT-SWINGING DOOR



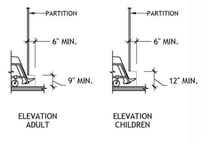
END IN-SWINGING DOOR



TOILET COMPARTMENT DOORS



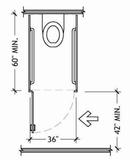
TOE CLEARANCE



ELEVATION ADULT

ELEVATION CHILDREN

TOE CLEARANCE



AMBULATORY COMPARTMENT

SINGLE USER SIZE:

1. CLEARANCE AROUND A WATER CLOSET SHALL BE 60 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE SIDE WALL AND 56 INCHES MINIMUM MEASURED PERPENDICULAR FROM THE REAR WALL.

TOILET COMPARTMENT SIZE:

1. WHEELCHAIR ACCESSIBLE COMPARTMENTS SHALL BE 60 INCHES WIDE MINIMUM MEASURED PERPENDICULAR TO THE SIDE WALL, AND 56 INCHES DEEP MINIMUM FOR WALL HUNG WATER CLOSETS AND 59 INCHES DEEP MINIMUM FOR FLOOR MOUNTED WATER CLOSETS MEASURED PERPENDICULAR TO THE REAR WALL.

TOILET COMPARTMENT DOORS:

1. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 404 EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE STALL AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM.
2. DOORS SHALL BE LOCATED IN THE FRONT PARTITION OR IN THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET.
3. WHERE LOCATED IN THE FRONT PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION FARTHEST FROM THE WATER CLOSET. WHERE LOCATED IN THE SIDE WALL OR PARTITION, THE DOOR OPENING SHALL BE 4 INCHES MAXIMUM FROM THE FRONT PARTITION.
4. THE DOOR SHALL BE SELF-CLOSING.
5. A DOOR PULL COMPLYING WITH SECTION 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH.
6. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.

TOE CLEARANCE:

1. THE FRONT PARTITION AND AT LEAST ONE SIDE PARTITION SHALL PROVIDE A TOE CLEARANCE OF 9 INCHES MINIMUM ABOVE THE FINISH FLOOR AND 6 INCHES DEEP MINIMUM BEYOND THE COMPARTMENT-SIDE FACE OF THE PARTITION, EXCLUSIVE OF PARTITION SUPPORT MEMBERS.
2. COMPARTMENTS FOR CHILDREN'S USE SHALL PROVIDE A TOE CLEARANCE OF 12 INCHES MINIMUM ABOVE THE FINISH FLOOR.
3. TOE CLEARANCE AT THE SIDE PARTITION IS NOT REQUIRED IN A COMPARTMENT GREATER THAN 66 INCHES WIDE.

AMBULATORY ACCESSIBLE COMPARTMENTS:

1. AMBULATORY ACCESSIBLE COMPARTMENTS SHALL HAVE A DEPTH OF 60 INCHES MINIMUM AND A WIDTH OF 36 INCHES.
2. TOILET COMPARTMENT DOORS, INCLUDING DOOR HARDWARE, SHALL COMPLY WITH SECTION 404, EXCEPT THAT IF THE APPROACH IS TO THE LATCH SIDE OF THE COMPARTMENT DOOR, CLEARANCE BETWEEN THE DOOR SIDE OF THE COMPARTMENT AND ANY OBSTRUCTION SHALL BE 42 INCHES MINIMUM. THE DOOR SHALL BE SELF-CLOSING. A DOOR PULL COMPLYING WITH SECTION 404.2.6 SHALL BE PLACED ON BOTH SIDES OF THE DOOR NEAR THE LATCH. TOILET COMPARTMENT DOORS SHALL NOT SWING INTO THE MINIMUM REQUIRED COMPARTMENT AREA.

OVERLAP:

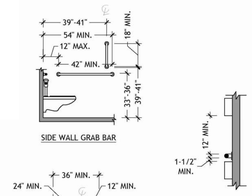
1. THE REQUIRED CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, DISPENSERS, SANITARY NAPKIN DISPOSAL UNITS, COAT HOOKS, SHELVES, ACCESSIBLE ROUTES, CLEAR FLOOR SPACE AND CLEARANCES REQUIRED AT OTHER FIXTURES, AND THE TURNING SPACE. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE LOCATED WITHIN THE REQUIRED WATER CLOSET CLEARANCE.

WATER CLOSET:

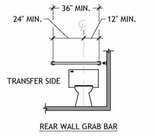
1. THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES MINIMUM TO 18 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION, EXCEPT THAT THE WATER CLOSET SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM FROM THE SIDE WALL OR PARTITION IN THE AMBULATORY ACCESSIBLE TOILET COMPARTMENT.
2. THE SEAT HEIGHT OF A WATER CLOSET ABOVE THE FINISH FLOOR SHALL BE 17 INCHES MINIMUM AND 19 INCHES MAXIMUM MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. SEATS SHALL BE 2 INCHES HIGH MAXIMUM.

TOILET ROOMS & COMPARTMENTS

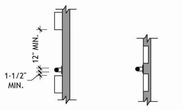
N.T.S. 603, 604 — 11



SIDE WALL GRAB BAR



REAR WALL GRAB BAR



PROJECTING OBJECTS

RECESSED OBJECTS

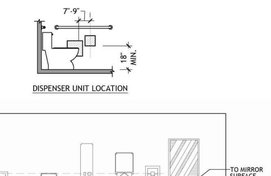
SPACING OF GRAB BARS

GRAB BAR NOTES:

1. GRAB BARS SHALL BE PROVIDED ON THE SIDE WALL CLOSEST TO THE WATER CLOSET AND ON THE REAR WALL.
2. THE SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MINIMUM, LOCATED 12 INCHES MAXIMUM FROM THE REAR WALL AND EXTENDING 54 INCHES MINIMUM FROM THE REAR WALL.
3. A VERTICAL GRAB BAR 18 INCHES MINIMUM IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM ABOVE THE FLOOR, AND WITH THE CENTER LINE OF THE BAR LOCATED 39 INCHES MINIMUM AND 41 INCHES MAXIMUM FROM THE REAR WALL.
4. THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MINIMUM AND EXTEND FROM THE CENTERLINE OF THE WATER CLOSET 12 INCHES MINIMUM ON ONE SIDE AND 24 INCHES MINIMUM ON THE OTHER SIDE.
5. THE REAR GRAB BAR SHALL BE PERMITTED TO BE 24 INCHES LONG MINIMUM, CENTERED ON THE WATER CLOSET, WHERE WALL SPACE DOES NOT PERMIT A LENGTH OF 36 INCHES MINIMUM DUE TO THE LOCATION OF A RECESSED FIXTURE ADJACENT TO THE WATER CLOSET.
6. GRAB BARS WITH CIRCULAR CROSS SECTIONS SHALL HAVE AN OUTSIDE DIAMETER OF 1-1/4 INCHES MINIMUM AND 2 INCHES MAXIMUM.
7. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MINIMUM. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MINIMUM.
8. GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR MEASURED TO THE TOP OF THE GRIPPING SURFACE.
9. GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS AND SHALL HAVE ROUNDED EDGES.
10. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
11. GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE SPECIFIED LOCATIONS AND THAT DOES NOT OBSTRUCT THE REQUIRED CLEAR FLOOR SPACE.
12. ALLOWABLE STRESSES SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER, MOUNTING DEVICE, OR SUPPORTING STRUCTURE.

WATER CLOSET GRAB BARS

N.T.S. 604, 609 — 10



DRINKING FOUNTAIN SPOUT LOCATION

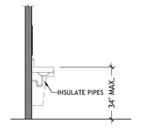
DRINKING FOUNTAIN ELEVATION

DRINKING FOUNTAIN NOTES

1. NO FEWER THAN TWO DRINKING FOUNTAINS SHALL BE PROVIDED. WHEN PROVIDED, ONE LOWERED DRINKING FOUNTAIN AND ONE DRINKING FOUNTAIN FOR STANDING PERSONS SHALL BE PROVIDED.
2. WHERE A SINGLE DRINKING FOUNTAIN FOR STANDING AND SEATING PERSONS IS PROVIDED, IT SHALL BE PERMITTED TO BE SUBSTITUTED FOR TWO SEPARATE DRINKING FOUNTAINS.
3. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR A FORWARD APPROACH AND CENTERED ON THE UNIT.
4. KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
5. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.
6. SPOUT OUTLETS SHALL BE 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
7. THE SPOUT SHALL BE LOCATED 15 INCHES MINIMUM FROM THE VERTICAL SUPPORT AND 5 INCHES MAXIMUM FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS.
8. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4 INCHES HIGH MINIMUM AND SHALL BE LOCATED 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3 INCHES OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN 3 INCHES AND 5 INCHES MAXIMUM FROM THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREES MAXIMUM.
9. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS SHALL BE 38 INCHES MINIMUM AND 43 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

DRINKING FOUNTAINS

N.T.S. 1109.5, 602 — 4



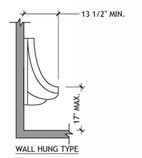
LAVATORY ELEVATION

LAVATORY NOTES:

1. A CLEAR FLOOR SPACE POSITIONED FOR A FORWARD APPROACH, AND KNEE AND TOE CLEARANCE SHALL BE PROVIDED.
2. THE DIP OF THE OVERFLOW SHALL NOT BE CONSIDERED IN DETERMINING KNEE AND TOE CLEARANCES.
3. LAVATORIES AND SINKS SHALL BE INSTALLED WITH THE FRONT OF THE HIGHER OF THE RIM OR COUNTER SURFACE 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
4. CONTROLS FOR FAUCETS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS. HAND-OPERATED METERING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MINIMUM.
5. WATER SUPPLY AND DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

LAVATORIES

N.T.S. 606 — 7



WALL HUNG TYPE

STALL TYPE

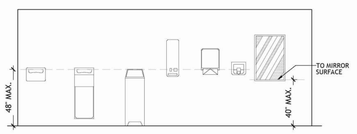
URINAL NOTES:

1. URINALS SHALL BE THE STALL-TYPE OR THE WALL-HUNG TYPE WITH THE RIM 17 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. URINALS SHALL BE 13-1/2 INCHES MINIMUM MEASURED FROM THE OUTER FACE OF THE URINAL RIM TO THE BACK OF THE FIXTURE.
3. A CLEAR FLOOR OR GROUND SPACE POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED.
4. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND-OPERATED FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS.

URINALS

N.T.S. 605 — 3

DISPENSER UNIT LOCATION



TOILET ROOM ACCESSORIES

CLEAR SPACE

1. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE.
2. WHERE THE TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A 30 INCH X 48 INCH CLEAR FLOOR SPACE IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE

TOILET ROOM ACCESSORIES

1. MIRRORS LOCATED ABOVE LAVATORIES OR COUNTERTOPS SHALL BE INSTALLED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.
2. COAT HOOKS SHALL BE LOCATED WITHIN 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
3. SHELVES SHALL BE LOCATED 40 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
4. WHERE TOWEL OR SANITARY NAPKIN DISPENSERS, WASTE RECEPTACLES, OR OTHER ACCESSORIES ARE PROVIDED IN TOILET FACILITIES, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED ON AN ACCESSIBLE ROUTE. ALL OPERABLE PARTS, INCLUDING COIN SLOTS, SHALL BE 48 INCHES MAXIMUM ABOVE THE FINISH FLOOR.
5. TOILET PAPER DISPENSERS SHALL BE 7 INCHES MINIMUM AND 9 INCHES MAXIMUM IN FRONT OF THE WATER CLOSET MEASURED TO THE CENTERLINE OF THE DISPENSER. THE OUTLET OF THE DISPENSER SHALL BE BELOW THE GRAB BAR, 18 INCHES MINIMUM ABOVE THE FINISH FLOOR AND SHALL NOT BE LOCATED BEHIND GRAB BARS. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROLS DELIVERY OR THAT DOES NOT ALLOW CONTINUOUS PAPER FLOW.

TOILET ROOM ACCESSORIES

N.T.S. 603, 604 — 2

BABY CHANGING STATION IN CLOSED POSITION

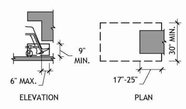
BABY CHANGING STATION IN OPEN POSITION

BABY CHANGING STATION NOTES

1. BABY DIAPER CHANGING STATIONS WHEN DEPLOYED SHALL NOT OBSTRUCT THE REQUIRED WIDTH OF AN ACCESSIBLE ROUTE.
2. OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES SPECIFIED IN SECTION 308.
3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAXIMUM.
4. A CLEAR FLOOR SPACE COMPLYING WITH SECTION 305 POSITIONED FOR A FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE COMPLYING WITH SECTION 306 SHALL BE PROVIDED.
5. THE TOPS OF BABY CHANGING STATIONS SHALL BE 28 INCHES MINIMUM AND 34 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND.

BABY CHANGING STATIONS

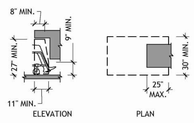
N.T.S. 1109.11, 902 — 9



ELEVATION

PLAN

TOE CLEARANCE



ELEVATION

PLAN

KNEE CLEARANCE

TOE CLEARANCE

1. SPACE UNDER AN ELEMENT BETWEEN THE FINISH FLOOR OR GROUND AND 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED TOE CLEARANCE.
2. TOE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT.
3. WHERE TOE CLEARANCE IS REQUIRED AT AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE TOE CLEARANCE SHALL EXTEND 17 INCHES MINIMUM BENEATH THE ELEMENT.
4. SPACE EXTENDING GREATER THAN 6 INCHES BEYOND THE AVAILABLE KNEE CLEARANCE AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL NOT BE CONSIDERED TOE CLEARANCE.
5. TOE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

KNEE CLEARANCE

1. SPACE UNDER AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND SHALL BE CONSIDERED KNEE CLEARANCE.
2. KNEE CLEARANCE SHALL EXTEND 25 INCHES MAXIMUM UNDER AN ELEMENT AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND.
3. WHERE KNEE CLEARANCE IS REQUIRED UNDER AN ELEMENT AS PART OF A CLEAR FLOOR SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MINIMUM AT 9 INCHES ABOVE THE FINISH FLOOR OR GROUND, AND 8 INCHES DEEP MINIMUM AT 27 INCHES ABOVE THE FINISH FLOOR OR GROUND.
4. BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FINISH FLOOR OR GROUND, THE KNEE CLEARANCE SHALL BE PERMITTED TO REDUCE AT A RATE OF 1 INCH IN DEPTH FOR EACH 6 INCHES IN HEIGHT.
5. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MINIMUM.

TOE & KNEE CLEARANCE

N.T.S. 306 — 1

CASCO
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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 5269
DOC DATE: 01/13/26

ISSUE BLOCK	
11/21/2025	PERMIT
01/13/2026	BID

CHECKED BY:	KWH
DRAWN BY:	EMB
DOCUMENT DATE:	01/13/26
STORE #:	TBD
ISSUE:	BID

REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

ACCESSIBILITY DETAILS

SHEET:
G0.32







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SILOAM SPRINGS, AR
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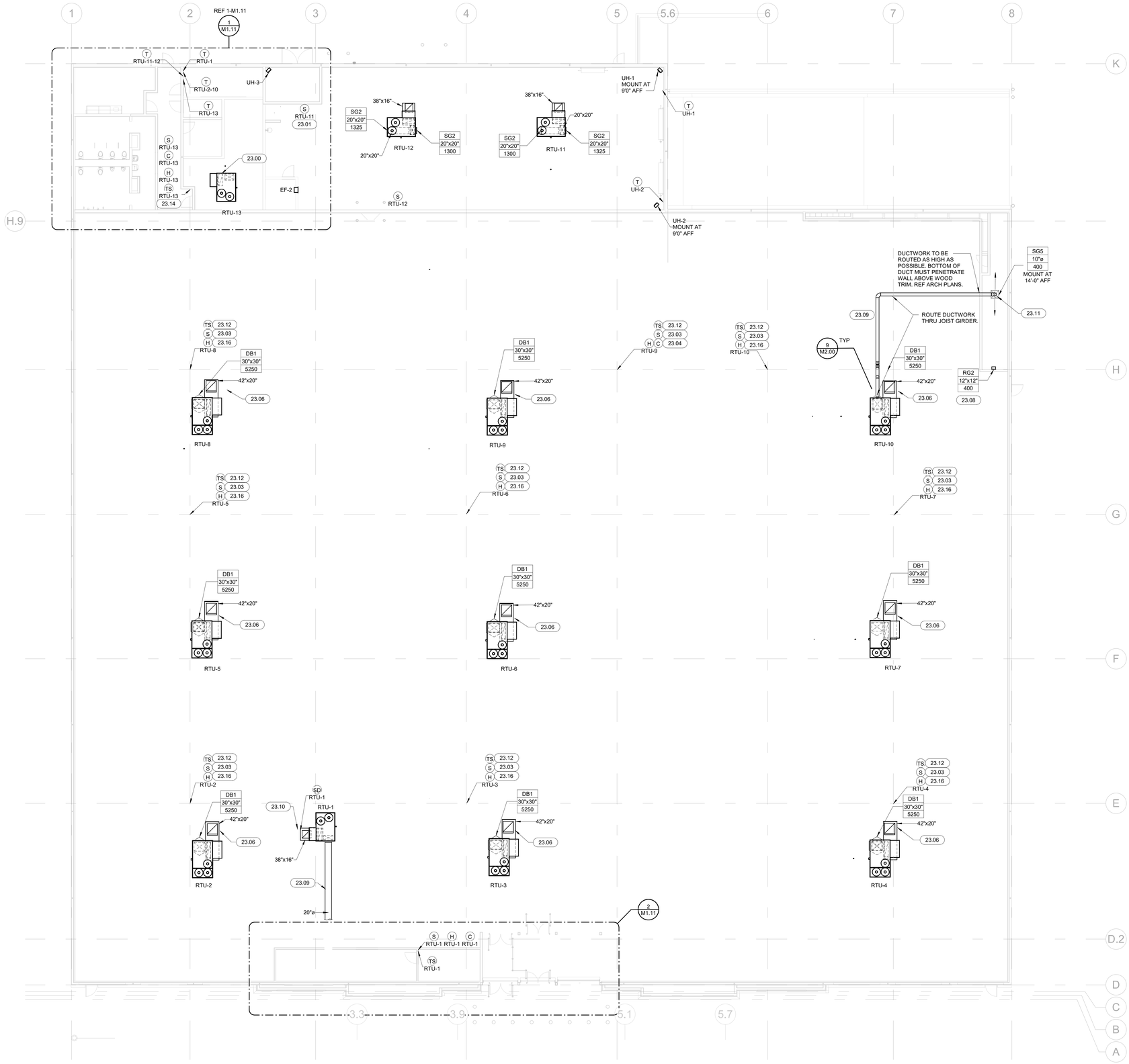
REGISTERED ARCHITECT
KRISTEN M. MACK
License Number 9753
STATE OF ARKANSAS
01.13.2026

Professional of Record:
KRISTEN M. MACK
LICENSE NO.: 9753
EXP. DATE: 07/31/26

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RENDERS

SHEET:
G0.40



MECHANICAL KEYNOTES

23.00	VERTICAL SUPPLY AND RETURN AIR DUCT UP TO ROOF TOP UNIT, LINED WITH MIN. R-6 BLACK COMPOSITE COATED ACOUSTIC INSULATION. SIZE SAME AS SUPPLY AND RETURN AIR OUTLET/INLET RESPECTIVELY ON ROOF TOP UNIT.
23.01	MOUNT TEMPERATURE SENSOR ON WALL 72" AFF.
23.03	MOUNT TEMPERATURE SENSORS IN SALES ON THE COLUMN AT 10'-0" AFF. REF SHEET E2.0.
23.04	INSTALL HUMIDISTAT ON THE COLUMN AT 6'-0" AFF. REF SHEET E2.0.
23.06	32" x 32" RETURN AIR OPENING ON THE TOP SIDE OF RETURN DUCT, COVER OPENING WITH EXPANDED ALUMINUM WIRE MESH.
23.08	BOTTOM OF SIDEWALL GRILLE AT BOTTOM OF JOIST ELEVATION FOR TRANSFER AIR.
23.09	SUPPLY DUCTWORK SHALL BE DOUBLE-WALL INSULATED SPIRAL DUCT WITH SOLID INNER LINER. ROUTE THROUGH BAR JOIST AS HIGH AS POSSIBLE.
23.10	24" x 24" RETURN AIR OPENING ON THE TOP SIDE OF RETURN DUCT, COVER OPENING WITH EXPANDED ALUMINUM WIRE MESH.
23.11	PROVIDE TRANSITION DOWN TO THE GUN STORAGE AIR DEVICE WITHIN THE GUN STORAGE ROOM.
23.12	MOUNT DUCT DETECTOR REMOTE TEST STATION ON COLUMN'S AT 11'-6" AFF. DIRECTLY BELOW THE ASSOCIATED RTU. REF SHEET E2.0.
23.14	MOUNT DUCT DETECTOR REMOTE TEST STATION ABOVE LAY-IN CEILING IN CORRIDOR ADJACENT TO ENTRY FROM SALES. REF SHEET E2.1.
23.16	INSTALL HUMIDISTAT ON THE COLUMN AT 6'-0" AFF. REF SHEET E2.0.

1 MECHANICAL OVERALL FLOOR PLAN
3/32" = 1'-0"

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SILOAM SPRINGS, AR
JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK	
10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT
01/13/2026	BID

STATE OF ARKANSAS
SCOTT A MOSELEY
REGISTERED PROFESSIONAL ENGINEER
No. 12466
SCOTT A MOSELEY
01/13/2026

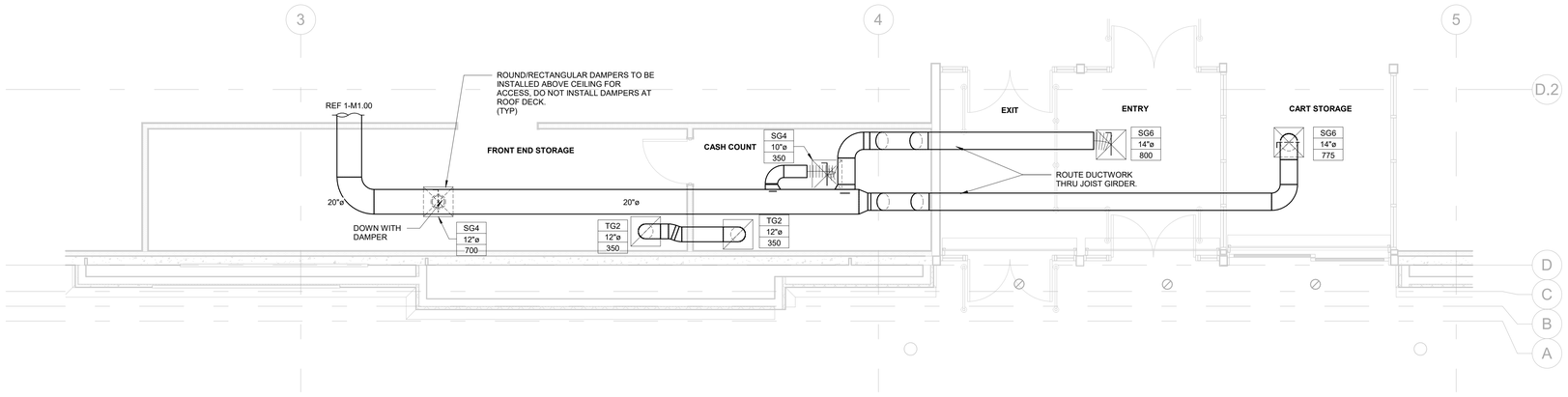
Professional of Record:
SCOTT A MOSELEY
License No.: 12466
Exp. Date: 12/31/26

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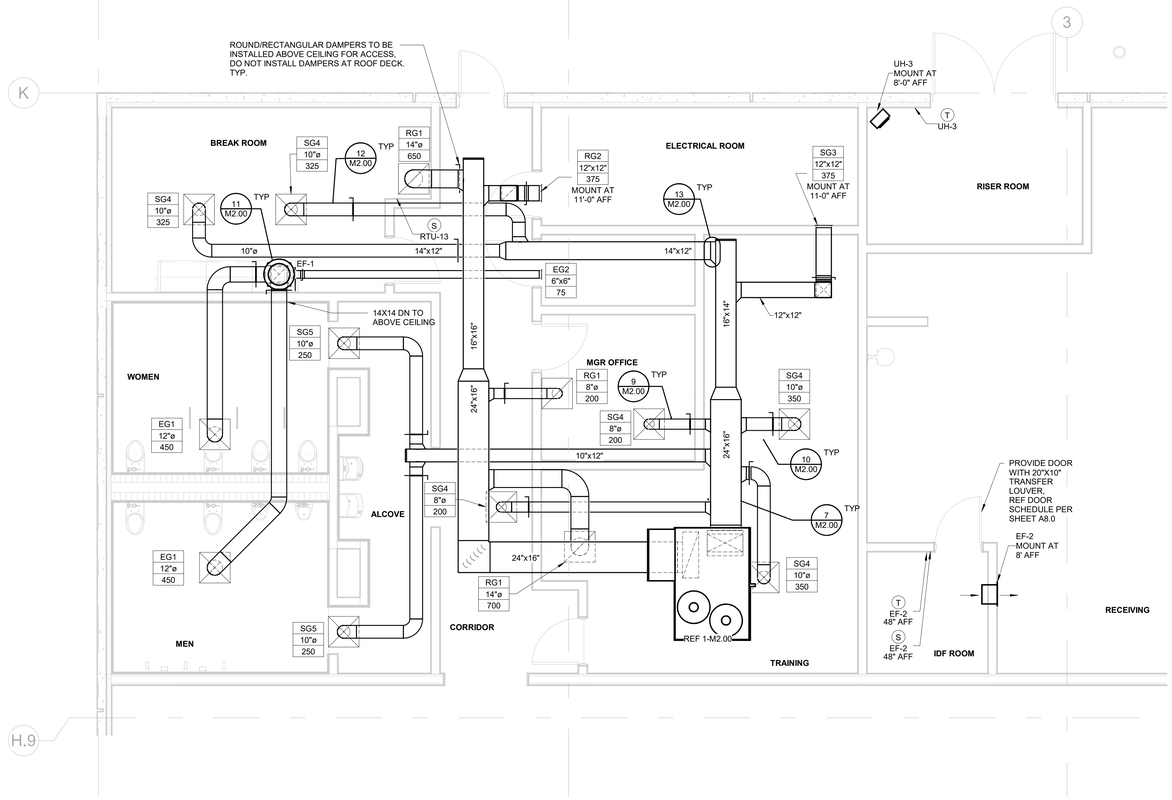
MECHANICAL OVERALL FLOOR PLAN

SHEET: M1.00



2 **FRONT OFFICE MECHANICAL FLOOR PLAN**
1/4" = 1'-0"

REF 1 /M1.00



1 **BACK OF HOUSE HVAC FLOOR PLAN**
1/4" = 1'-0"

REF 1 /M1.00

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STATE OF ARKANSAS
SCOTT A MOSELEY
REGISTERED PROFESSIONAL ENGINEER
No. 12466
SCOTT A. MOSELEY
01/13/2026

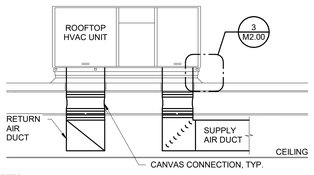
Professional of Record:
SCOTT A MOSELEY
License No.: 12466
Exp. Date: 12/31/26

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MECHANICAL ENLARGED PLANS

SHEET:
M1.11

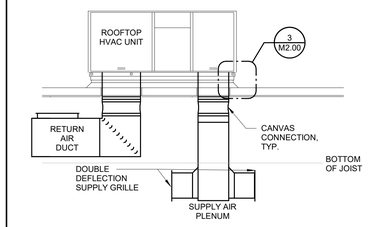


NOTES:
1. PROVIDE OPENING THROUGH ROOF AND ROOF DECK INSULATION NO LARGER THAN REQUIRED TO ALLOW DUCTS TO PASS THROUGH. REFER TO PLANS FOR DUCT SIZES. TRANSITION AS REQUIRED IN ROOF CURB TO RTU SUPPLY AND RETURN OPENINGS.

2. PROVIDE SLOPED ROOF CURB TO INSTALL ROOFTOP UNIT LEVEL TO ENSURE PROPER DRAINAGE. COORDINATE ROOF SLOPE WITH ARCHITECTURAL. FLASH AND COUNTER FLASH ROOF PENETRATIONS, ETC. TO ENSURE WEATHER TIGHT INSTALLATION.

3. PROVIDE DUCT SMOKER DETECTOR ON SUPPLY DUCT OR RETURN DUCT OR BOTH AS PER LOCAL CODES. REFER TO LOCAL AHJ FOR SMOKE DETECTOR REQUIREMENTS.

1 OFFICE AREA ROOFTOP UNIT WITH DUCTWORK DETAIL
N.T.S. REF /

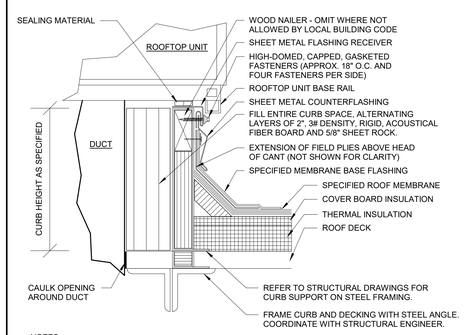


NOTES:
1. PROVIDE OPENING THROUGH ROOF AND ROOF DECK INSULATION NO LARGER THAN REQUIRED TO ALLOW DUCTS TO PASS THROUGH. REFER TO PLANS FOR DUCT SIZES. TRANSITION AS REQUIRED IN ROOF CURB TO RTU SUPPLY AND RETURN OPENINGS.

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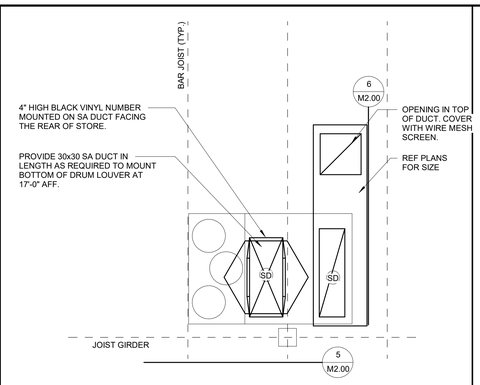
3. PROVIDE DUCT SMOKER DETECTOR ON SUPPLY DUCT OR RETURN DUCT OR BOTH AS PER LOCAL CODES. REFER TO LOCAL AHJ FOR SMOKE DETECTOR REQUIREMENTS.

2 RECEIVING AREA ROOFTOP UNIT WITH DUCTWORK DETAIL
N.T.S. REF /

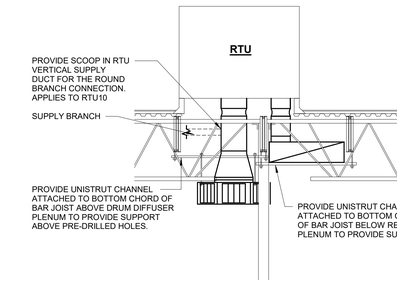


NOTES:
1. THIS DETAIL IS FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ROOF CURB INSTALLATION AND COORDINATION.

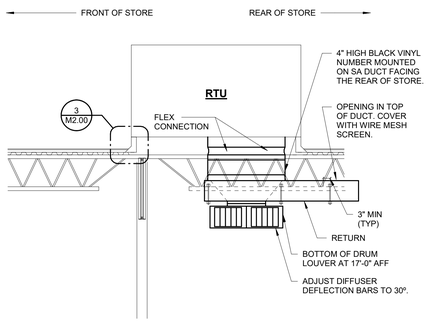
3 ROOF CURB DETAIL
N.T.S. REF 1 /M2.00



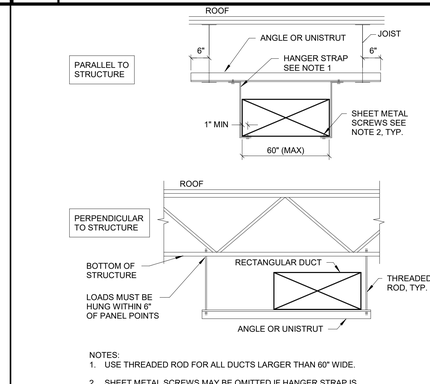
4 SALES FLOOR RTU WITH DUCTWORK DETAIL
NTS REF /



5 RTU SECTION 1
N.T.S. REF 4 /M2.00



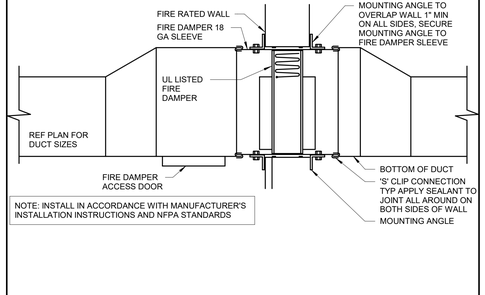
6 RTU SECTION 2
N.T.S. REF 4 /M2.00



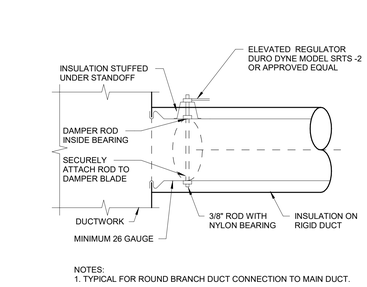
NOTES:
1. USE THREADED ROD FOR ALL DUCTS LARGER THAN 60" WIDE.

2. SHEET METAL SCREWS MAY BE OMITTED IF HANGER STRAP IS CONTINUOUS AND LOOPS UNDER ENTIRE DUCT.

7 RECTANGULAR DUCT SUPPORT DETAIL
N.T.S. REF 1 /M1.11

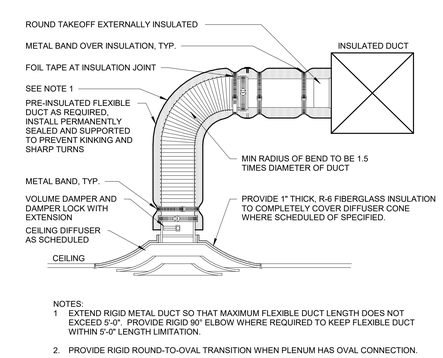


8 FIRE DAMPER DETAIL
N.T.S. REF /



NOTES:
1. TYPICAL FOR ROUND BRANCH DUCT CONNECTION TO MAIN DUCT.

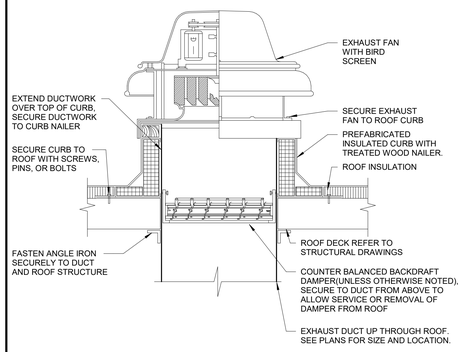
9 SPIN-IN CONNECTION DETAIL
N.T.S. REF 1 /M1.00



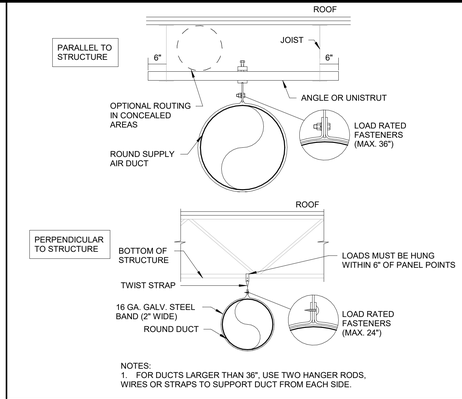
NOTES:
1 EXTEND RIGID METAL DUCT SO THAT MAXIMUM FLEXIBLE DUCT LENGTH DOES NOT EXCEED 5'-0". PROVIDE RIGID 90° ELBOW WHERE REQUIRED TO KEEP FLEXIBLE DUCT WITHIN 5'-0" LENGTH LIMITATION.

2. PROVIDE RIGID ROUND-TO-OVAL TRANSITION WHEN PLENUM HAS OVAL CONNECTION.

10 LAY-IN TYPE CEILING DIFFUSER DETAIL
N.T.S. REF 1 /M1.11

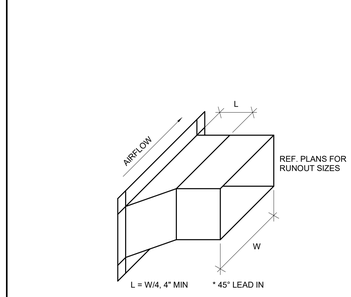


11 DOWNBLAST EXHAUST FAN DETAIL
N.T.S. REF 1 /M1.11



NOTES:
1. FOR DUCTS LARGER THAN 36", USE TWO HANGER RODS, WIRES OR STRAPS TO SUPPORT DUCT FROM EACH SIDE.

12 ROUND DUCT SUPPORT DETAIL
N.T.S. REF 1 /M1.11



13 RECTANGULAR BRANCH DUCT DETAIL
N.T.S. REF 1 /M1.11

CASCO
CASCO DIVERSIFIED CORPORATION
12 Sunnen Drive, Suite 100, St. Louis, MO 63143 T: 314-821-1100

Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2555569 DOC DATE: 01/13/2026

ISSUE BLOCK	
10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT
01/13/2026	BID

STATE OF ARKANSAS
SCOTT A MOSELEY
REGISTERED PROFESSIONAL ENGINEER
No. 12466
SCOTT A. MOSELEY
01/13/2026

Professional of Record:
SCOTT A MOSELEY
License No.: 12466
Exp. Date: 12/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

CHECKED BY:	SAM
DRAWN BY:	FJM
DOCUMENT DATE:	01/13/2026
STORE #:	TBD
ISSUE:	BID

MECHANICAL DETAILS

SHEET:
M2.00

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

	MANUF: CARRIER		SUPPLY FAN				DX COOLING SECTION					HEATING SECTION			ELECTRICAL			WEIGHT (LB)	CARRIER MODEL NUMBER	FILTERS	REMARKS
MARK	TYPE	TONS (NOMINAL)	CFM (MIN)	OA CFM	FAN HP	ESP W.G.	GROSS (MBH)	NET (MBH)	EAT DB/WB(F)	LAT DB/WB(F)	EER / IEER / SEER	INPUT MBH	OUTPUT MBH	STAGES	VOLTAGE	MCA	MOCP				
RTU- 1	DOWNFLOW	7.5	2625	150	1.30	1.25	93.4	71.1	80.0 / 67.0	56.0/56.0	11.2/150/-	130	105	2.0	460/3/60	19	25	1059	48FEEM08D2P6	2" MERV 8	A, B, C
RTU- 2-10	DOWNFLOW	15.0	5250	1200	5.00	0.75	181.3	134.7	80.0 / 67.0	56.2/56.2	10.8/14.5/-	260	211	2.0	460/3/60	34	45	1917	48FEEN16D2P6	2" MERV 8	A, B
RTU- 11-12	DOWNFLOW	7.5	2625	300	1.30	1.25	93.4	71.1	80.0 / 67.0	56.6/56.6	11.2/15.0/-	130	105	2.0	460/3/60	19	25	1059	48FEEM08D2P6	2" MERV 8	A, B
RTU- 13	DOWNFLOW	7.5	2625	325	1.30	1.25	93.4	71.1	80.0 / 67.0	55.0/55.0	11.2/15.0/-	130	105	2.0	460/3/60	19	25	1059	48FEEM08D2P6	2" MERV 8	A, B, C

GENERAL INFORMATION (ALL UNITS):
1. EQUIPMENT RATED IN ACCORDANCE WITH AHRI STANDARDS 340/360. SILOAM SPRINGS CONDITIONS RATED AT 93.3 DB OUTSIDE AIR, 80 DB & 67 WB ENTERING AIR CONDITIONS.
2. EQUIPMENT COMPLIES WITH ASHRAE 90.1-2019 AND DOE-2023 ENERGY STANDARD FOR MINIMUM EFFICIENCY REQUIREMENTS.
3. PROVIDE 2", MERV 8 AIR FILTERS.
4. PROVIDE MANUFACTURER'S ROOF CURB WITH MINIMUM HEIGHT OF 14". PROVIDE SLOPED ROOF CURB TO MATCH THE SLOPE OF THE ROOF.
5. PROVIDE WITH CARRIER CONTROLS FOR BACNET CONNECTION. TEMPERATURE SENSORS BY CARRIER.
6. DISCONNECT SWITCH FACTORY FURNISHED.
7. COORDINATE SIZE OF CONDUCTOR TERMINATION LUGS WITH CONDUCTOR SIZES SHOWN ON ELECTRICAL DRAWINGS.
8. PROVIDE DUPLEX RECEPTACLE MOUNTED ON UNIT FOR FIELD WIING.
9. PROVIDE MANUFACTURERS HAIL GUARD ACCESSORY.
10. SET MINIMUM POSITION OF OUTSIDE AIR DAMPER TO AIRFLOW AS INDICATED ON THIS SCHEDULE.

NOTES:
A. FACTORY INSTALLED ULTRA LOW LEAK ENTHALPY ECONOMIZER WITH POWER EXHAUST.
B. ADAPTIVE DEHUMIDIFICATION SYSTEM.
C. FACTORY INSTALLED SMOKE DETECTORS ON SUPPLY AND RETURN AND RETURN AIR PLENUMS OF ROOF TOP UNITS, WIRED AND PROVIDED BY DIVISION 26 (ELETRICAL) CONTRACTOR

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL	CFM	E.S.P. (IN. WC)	DRIVE	HP	RPM	VFD	V	PH	CONTROL	SONES	NOTES
EF-1	COOK	120 ACEB	975	0.375	BELT	1/6	1,162	NO	120	1	NEXREV	7.2	A, B, C
EF-2	COOK	CBF	450	0.125	DIRECT	1/10	1,400	NO	120	1	T-STAT	8.6	B, D, E, F

GENERAL INFORMATION (ALL EXHAUST FANS):
1. CONTRACTOR SHALL PROVIDE ALL EXHAUST FANS.

A. PROVIDE WITH MINIMUM 14" HIGH ROOF CURB, BIRD SCREEN AND BACKDRAFT DAMPER.
B. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
C. FAN IS CONTROLLED BY BATHROOM OCCUPANCY SENSOR. REFERENCE ELECTRICAL DRAWINGS.
D. PROVIDE FACTORY WITH PRE-WIRED FAN SPEED CONTROLLER.
E. FAN IS CONTROLLED BY ROOM LINE VOLTAGE THERMOSTAT WITH DIGITAL DISPLAY SET AT 72ºF. FAN IS MONITORED BY NEXREV SENSOR WHICH WILL ALARM IF THE TEMPERATURE EXCEEDS 85ºF.
F. CONFIGURE FAN AIRFLOW FOR "SUPPLY" TO EXHAUST AIR FROM THE IDF ROOM TO THE RECEIVING AREA.
G. FAN SHALL ENGAGE WITH FIRE PUMP OPERATION.

UNIT HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	HEAT INPUT (KW)	MOTOR HP	CFM	ELECTRICAL DATA V	PH	FLA	WEIGHT	NOTES
UH-1	QMARK	MUH05-81	5	1/100	350	208	1	24	27	A, B, C, D, E, F
UH-2	QMARK	MUH05-81	5	1/100	350	208	1	24	27	A, B, C, D, E, F
UH-3	QMARK	MUH05-81	5	1/100	350	208	1	24	27	A, B, C, D, E, F

A.MOUNT MINIMUM 8' AFF WITH OUT OBSTRUCTING AIR FLOW UNLESS NOTED OTHERWISE.
B.PROVIDE WITH WALL MOUNTED QMARK WT12A THERMOSTAT TO BE SET TO 50ºF.
C.PROVIDE NECESSARY MOUNTING BRACKET AND ACCESSORIES FOR WALL MOUNTING.
D.PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.
E.PROVIDE QMARK TC1, THERMOSTAT ENCLOSURE.
F.CONTRACTOR SHALL PROVIDE UNIT HEATER.

DEMAND CONTROL VENTILATION INSTRUCTIONS:

A. SHALL HAVE SELECTABLE PROGRAMS FOR DEMAND CONTROL VENTILATION WHEN OPTIONAL CO2 SENSOR IS INSTALLED USING PROPORTIONAL CONTROL SEQUENCE (SHALL NOT USE SET POINT MODE)

B. SHALL HAVE A DEFAULT MAXIMUM PERCENT TRAVEL OF 50% FOR DCV OPERATION. THIS POSITION SHALL BE ADJUSTABLE FROM 0-50 PERCENT.

C. SHALL START TO OPEN THE DAMPER IF THE CO2 LEVEL IS 1000 PPM OR GREATER. THIS SET POINT SHALL BE ADJUSTABLE FROM 0-2000 PPM.

D. SHALL PUT THE DAMPER AT 50% OF TRAVEL IF THE CO2 LEVEL IS 1500 PPM OR GREATER. THIS SET POINT SHALL BE ADJUSTABLE FROM 0-2000 PPM.

E. SHALL PUT THE DAMPER AT MINIMUM POSITION (5%) IF THE OUTDOOR TEMPERATURE IS 25ºF OR LOWER AND THE CO2 LEVELS ARE ABOVE 1000 PPM. THIS LOW TEMPERATURE SET POINT SHALL BE ADJUSTABLE FROM -31ºF TO 132ºF.

F. SHALL START CLOSING THE DAMPER IF THE OUTDOOR TEMPERATURE IS 40ºF OR LOWER AND THE CO2 LEVELS ARE ABOVE 1000 PPM. THIS LOW TEMPERATURE SET POINT SHALL BE ADJUSTABLE FROM -31ºF TO 132ºF.

G. SHALL PUT THE DAMPER AT MINIMUM POSITION (5%) IF THE OUTDOOR TEMPERATURE IS 100ºF OR HIGHER AND THE CO2 LEVELS ARE ABOVE 1000 PPM. THIS HIGH TEMPERATURE SET POINT SHALL BE ADJUSTABLE FROM -31ºF TO 132ºF.

H. SHALL START CLOSING THE DAMPER IF THE OUTDOOR TEMPERATURE IS 73ºF OR HIGHER AND THE CO2 LEVELS ARE ABOVE 1000 PPM. THIS HIGH TEMPERATURE SHALL BE ADJUSTABLE FROM -31ºF TO 132ºF.

I. CO2 SENSORS PER FLOOR PLAN TO BE BY BUILDING AUTOMATION CONTRACTOR.

PROJECT DESIGN CONDITIONS

SPACE SERVED	SUMMER DESIGN DRY BULB TEMP (F)	SUMMER DESIGN WB TEMP (F)/ RH (%)	WINTER DESIGN TEMPERATURE (F)	NOTES
OUTSIDE AIR	97.0	74.6	10.3	A, B, C
SALES FLOOR	72	50%	70	
STOCK ROOM	75	50%	68	
ALL OTHER	72	N/A	70	

NOTES:
A. OUTSIDE AIR SUMMER TEMPERATURES BASED ON ASHRAE 0.4 % DESIGN CONDITIONS.
B. OUTSIDE AIR WINTER TEMPERATURES BASED ON ASHRAE 99.6 % DESIGN CONDITIONS.
C. NEAREST LISTED LOCATION: SMITH FIELD, ARKANSAS. ASHRAE FUNDAMENTALS 2021.

AIR DEVICE SCHEDULE

MARK	SERVICE	MANUFACTURER	MODEL	STYLE	FACE SIZE	FRAME TYPE	NOTES
SG1	SUPPLY	TITUS	300RS	STEEL DOUBLE DEFLECTION LOUVERED SIDE WALL SUPPLY GRILLES SHORT BLADE 3/4" SPACING	12 X 8	SURFACE	C, D, E
SG2	SUPPLY	TITUS	300RS	STEEL DOUBLE DEFLECTION LOUVERED SIDE WALL SUPPLY GRILLES SHORT BLADE 3/4" SPACING	20 X 20	DUCT MOUNTED	D, E, G
SG3	SUPPLY	TITUS	300RS	STEEL DOUBLE DEFLECTION LOUVERED SIDE WALL SUPPLY GRILLES SHORT BLADE 3/4" SPACING	12 X 12	SURFACE	C, D, E
SG4	SUPPLY	TITUS	TMSA	STEEL 3 CONE SQUARE CEILING DIFFUSER WITH ADJUSTABLE VANES	24 X 24	LAY-IN	A, B, C, E
SG5	SUPPLY	TITUS	TMSA	STEEL 3 CONE SQUARE CEILING DIFFUSER WITH ADJUSTABLE VANES	24 X 24	SURFACE	A, B, C, E
SG6	SUPPLY	TITUS	OMNI	STEEL SQUARE PANEL HORIZONTAL AIR PATTERN ARCHITECTURAL CEILING DIFFUSER	24 X 24	SURFACE	A, B, C, E, F
DB1	SUPPLY	CURBS PLUS	DLPD6-2510	6-WAY DRUM LOUVER	57 X 57	SUSPENDED	E
RG1	RETURN	TITUS	PAR	STEEL FLUSH FACE 3/16" PERFORATED RETURN GRILE	24 X 24	LAY-IN	A, C, E
RG2	RETURN	TITUS	350RL	STEEL LOUVERED SIDE WALL RETURN GRILLES LONG BLADE 3/4" SPACING	12 X 12	SURFACE	C, E
EG1	EXHAUST	TITUS	PAR	STEEL FLUSH FACE 3/16" PERFORATED EXHAUST GRILLE	24 X 24	SURFACE	A, C, E
EG2	EXHAUST	TITUS	350RL	STEEL LOUVERED SIDE WALL EXHAUST GRILLES LONG BLADE 3/4" SPACING	6 X 6	SURFACE	C, E
TG1	TRANSFER	TITUS	350RL	STEEL LOUVERED SIDE WALL TRANSFER GRILLES LONG BLADE 3/4" SPACING	12 X 10	SURFACE	C
TG2	TRANSFER	TITUS	PAR	STEEL FLUSH FACE 3/16" PERFORATED TRANSFER GRILLES	24 X 24	LAY-IN	A, C, E

GENERAL INFORMATION (ALL DEVICES)
1. CONTRACTOR SHALL PROVIDE ALL AIR DEVICES.
A. NECK SIZE SHOWN ON DRAWINGS. NECK SIZE SHALL BE SAME AS BRANCH DUCT SIZE UNLESS OTHERWISE SHOWN ON DRAWINGS. B. 4-WAY THROW PATTERN UNLESS OTHERWISE SHOWN ON DRAWINGS.
C. BAKED ENAMEL FINISH, WHITE TO MATCH CEILING COLOR. D. DOUBLE DEFLECTION BARS SHALL BE ADJUSTABLE.
E. PROVIDE NECK FOR DUCT CONNECTION.
F. PROVIDE OPPOSED BLADE DAMPER ADJUSTABLE FROM FACE OF DEVICE.
G. PROVIDE GALVANIZED FINISH. DOUBLE DEFLECTION BARS SHALL BE ADJUSTABLE.

VENTILATION CALCULATIONS ASHRAE STD. 62.1-2019 (IMC 2021)

LOCATION	AREA (Az)	UNIT SERVED BY	OCC. LOAD/ 1,000 SQ FT	TOTAL OCCUPANTS (Pz)	CFM / PERSON (Rp)	CFM / SQ FT (Ra)	ZONE EFFECTIVENESS (Ez)	AREA BASED CFM	OCCUPANCY BASED CFM	BREATHING ZONE (Vbz)	ZONE OUTDOOR AIRFLOW MIN (Voz)	ACTUAL OUTSIDE AIR SYSTEM	ACTUAL OUTSIDE AIR ACTUAL CFM
ENTRY/EXIT	225	RTU-1	0	0	0	0.06	0.8	14	0	14	17	RTU-2-10	10,800
CART STORAGE	130	RTU-1	0	0	0	0.12	0.8	16	0	16	20	RTU-1	150
FRONT END STORAGE	235	RTU-1	0	0	0	0.12	0.8	28	0	28	35	RTU-11-12	600
CASH COUNT	135	RTU-1	5	1	5	0.06	0.8	8	3	11	14	RTU-13	325
SALES	46225	RTU-2-10	15	693	7.5	0.12	0.8	5547	5200	10,747	10,747		
GUN VAULT	340	RTU-10	0	0	0	0.12	0.8	41	0	41	51		
RISER RM	125	RTU-11	0	0	0	0.12	0.8	15	0	15	19		
RECEIVING	3590	RTU-11, 12	0	0	0	0.12	0.8	431	0	431	539		
IDF ROOM	65	RTU-12	0	0	0	0.06	0.8	4	0	4	5		
WOMEN	235	RTU-13	0	0	0	0	0.8	0	0	0	0		
MEN	235	RTU-13	0	0	0	0	0.8	0	0	0	0		
ALCOVE	145	RTU-13	0	0	0	0.06	0.8	9	0	9	11		
CORRIDOR	255	RTU-13	0	0	0	0.06	0.8	15	0	15	19		
TRAINING	410	RTU-13	50	21	5	0.06	0.8	25	103	127	159		
BREAK RM	235	RTU-13	25	6	5	0.06	0.8	14	29	43	54		
JANITOR	45	RTU-13	0	0	0	0.12	0.8	5	0	5	7		
MGR OFFICE	95	RTU-13	5	1	5	0.06	0.8	6	5	11	13		
ELECTRICAL RM	160	RTU-13	0	0	0	0.06	0.8	10	0	10	12		
	52885			721				6186	5341	6327	7908	-	-

NOTE: SALES FLOOR AREA OUTSIDE AIR NOT INCLUDED IN TOTAL. REQUIRED OCCUPANCY BASED CFM WILL BE ADDRESSED WITH DCV

MECHANICAL SYMBOLS

18/12	RECTANGULAR DUCT 18" WIDE BY 12" DEEP (INSIDE CLEAR DIMENSIONS)
12" Ø	12" DIAMETER ROUND DUCT (INSIDE CLEAR DIMENSIONS)
	SUPPLY DUCT IN SECTION
	RETURN OR EXHAUST DUCT IN SECTION
	ELBOW WITH TURNING VANES
	TEE WITH TURNING VANES
	ROUND (OR OVAL) ELBOW
	SUPPLY AIR DIFFUSER WITH ROUND SUPPLY DUCT
	RETURN OR EXHAUST AIR DIFFUSER WITH ROUND DUCT
CD 18"x18" 400 CFM	DIFFUSER OR GRILLE TYPE NECK SIZE CFM
T	THERMOSTAT
C	CO2 SENSOR
H	HUMIDISTAT
S	TEMPERATURE SENSOR
TS	DUCT DETECTOR REMOTE TEST STATION
MD	MOTOR OPERATED BACKDRAFT DAMPER
	BALANCE DAMPER

MECHANICAL GENERAL NOTES

1. NOTES APPLY TO ALL MECHANICAL SHEETS.

2. EACH CONTRACTOR IS RESPONSIBLE FOR HAVING THOROUGH KNOWLEDGE OF FULL SET OF DRAWINGS AND SPECIFICATIONS AS THEY RELATE TO THIS WORK. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED DUE TO LACK OF THIS KNOWLEDGE.

3. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT, ENGINEER AND/OR OWNER OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

4. FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. COORDINATE NEW WORK AND DEMOLITION WITH OTHER DISCIPLINES AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.

5. COORDINATE THE INSTALLATION OF THE MECHANICAL SYSTEMS WITH OTHER TRADES TO ENSURE A NEAT AND ORDERLY INSTALLATION. COORDINATE INSTALLATION OF DUCTWORK AND PIPING TO AVOID CONFLICTS WITH ELECTRICAL PANELS, LIGHTING FIXTURES, ETC.

6. AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN FOR NEW INSTALLATION DURING WORK. REPAIR DAMAGE CAUSED DURING CONSTRUCTION AT NO EXTRA COST TO THE OWNER.

7. DIVISION 23 CONTRACTOR SHALL PROVIDE ALL MATERIALS AND ALL MECHANICAL EQUIPMENT FOR A COMPLETE INSTALLATION IN ALL RESPECTS READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS UNLESS OTHERWISE NOTED.

8. NEW MECHANICAL EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN AT APPROXIMATE LOCATIONS. FIELD MEASURE FINAL DUCTWORK AND PIPING LOCATIONS PRIOR TO FABRICATION AND MAKE ADJUSTMENTS AS REQUIRED TO FIT THE DUCTWORK AND PIPING WITHIN THE AVAILABLE SPACE. VERIFY THAT FINAL EQUIPMENT LOCATIONS MEET MANUFACTURER'S RECOMMENDATIONS REGARDING SERVICE CLEARANCE AND PROPER AIRFLOW CLEARANCE AROUND EQUIPMENT.

9. REFER TO ARCHITECTURAL DRAWINGS FOR RELATED CONSTRUCTION DETAILS AS APPLICABLE TO THE HVAC SYSTEMS. VERIFY CHASES AND PENETRATIONS SHOWN ON ARCHITECTURAL DRAWINGS THAT ARE INTENDED FOR DUCTWORK AND PIPING MEET REQUIREMENTS.

10. COORDINATE LOCATION OF ROOF MOUNTED HVAC EQUIPMENT AND ROOF PENETRATIONS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.

11. DUCTWORK IDENTIFICATION AND INSTALLATION TO ADHERE TO GOVERNING CODES. INSTALL DUCTWORK AND EQUIPMENT PARALLEL TO BUILDING COLUMN LINES UNLESS OTHERWISE SHOWN OR NOTED.

12. OVERHEAD HANGERS AND SUPPORTS FOR EQUIPMENT, DUCTWORK AND PIPING SHALL BE FASTENED TO BUILDING JOISTS OR BEAMS. DO NOT ATTACH HANGERS AND SUPPORTS TO THE ABOVE FLOOR SLAB OR ROOF DECK.

13. COORDINATE LOCATION OF EQUIPMENT SUPPORTS WITH LOCATION OF EQUIPMENT ACCESS PANELS/DOORS TO ENABLE SERVICE OF EQUIPMENT.

14. SEAL PENETRATIONS THROUGH THE BUILDING COMPONENTS IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS. FIREPROOF PENETRATIONS THROUGH FIRE RATED COMPONENTS IN ACCORDANCE WITH U.L. REQUIREMENTS.

15. COORDINATE THE EXACT MOUNTING SIZE AND FRAME TYPE OF DIFFUSERS, REGISTERS AND GRILLES WITH THE SUPPLIER TO MEET THE CEILING, WALL AND DUCT INSTALLATION REQUIREMENTS.

16. ADJUST LOCATION OF CEILING DIFFUSERS, REGISTERS AND GRILLES AS REQUIRED TO ACCOMMODATE FINAL CEILING GRID AND LIGHTING LOCATIONS.

17. DUCTWORK CROSSING FIRE RATED WALLS OR OTHER FIRE RATED ASSEMBLIES SHALL BE MINIMUM 26 GAUGE SHEET METAL

18. LOCATE AND SET THERMOSTATS AT LOCATIONS SHOWN ON THE PLANS. VERIFY EXACT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION. INSTALL DEVICES 48" AFF UNLESS OTHERWISE INDICATED ON PLANS TO MEET ADA REQUIREMENTS. INSTALL WIRING IN CONDUIT PROVIDED BY DIVISION 26.

19. COORDINATE THE LOCATION AND ELEVATION OF WALL-MOUNTED DEVICES WITH PRESENTATION BOARDS, DISPLAY CABINETS, SHELVES OR OTHER COMPONENTS SHOWN ON THE ARCHITECTURAL DRAWINGS THAT ARE TO BE INSTALLED UNDER OTHER DIVISIONS. CONTRACTOR WILL NOT BE REIMBURSED FOR RELOCATION OF WALL-MOUNTED DEVICES CAUSED BY A LACK OF COORDINATION.

20. PROVIDE A MANUAL BALANCING DAMPER IN EACH BRANCH DUCT TAKEOFF FROM MAIN SUPPLY, RETURN AND EXHAUST AIR DUCTS UNLESS OTHERWISE NOTED.

21. PROVIDE RECTANGULAR BRANCH DUCT TAKE-OFF FITTING OR ROUND SPIN OFF TAP WITH MANUAL BALANCING DAMPER AND LOCKING QUADRANT FOR BRANCH DUCT CONNECTIONS AND TAKE-OFFS TO INDIVIDUAL DIFFUSERS, REGISTERS AND GRILLES.

22. TYPICAL BRANCH DUCT FITTING DETAIL IS APPLICABLE THROUGHOUT. BRANCH DUCTWORK TO AIR OUTLETS SHALL BE SAME SIZE AS OUTLET NECK SIZE UNLESS OTHERWISE NOTED.

23. KEEP EXHAUST PENETRATIONS THROUGH ROOF A MINIMUM OF 10'-0" FROM HVAC EQUIPMENT FRESH AIR INLETS AND 2'-0" FROM ROOF PARAPETS OR OTHER VERTICAL PROJECTIONS THRU THE ROOF.

24. PROVIDE A NEW SET OF AIR FILTERS IN UNITS PRIOR TO TESTING, ADJUSTING AND BALANCING AND BEFORE TURNING STORE OVER TO OWNER.

25. INDOOR AIR QUALITY MEASURES: PROTECT INSIDE OF (INSTALLED AND DELIVERED) DUCTWORK AND HVAC UNITS FROM EXPOSURE TO DUST, DIRT, PAINT AND MOISTURE. REPLACE INSULATION THAT HAS GOTTEN WET AT ANY TIME DURING CONSTRUCTION, DRYING THE INSULATION IS NOT ACCEPTABLE. SEAL ANY TEARS OR JOINTS OF INTERNAL FIBERGLASS INSULATION. REMOVE DEBRIS FROM CEILING/RETURN AIR PLENUM INCLUDING DUST. AN INDEPENDENT, PROFESSIONAL DUCT CLEANING COMPANY SHALL VACUUM CLEAN ANY DUCTWORK CONNECTED TO HVAC UNITS THAT WERE OPERATED DURING THE CONSTRUCTION PERIOD AFTER NEW FILTERS ARE INSTALLED AND PRIOR TO TURNING OVER TO THE OWNER.

26. NO MECHANICAL ITEM MAY BE INSTALLED UNDER THE SKYLIGHT OPENING.

27. DUCT LINER SHALL BE LIMITED TO THE FIRST 15 FEET OF RECTANGULAR SUPPLY AND RETURN AIR DUCTS FROM FANS. DUCT SIZES ON MECHANICAL PLANS INDICATE CLEAR INSIDE AIRFLOW DIMENSIONS, INCREASE SHEET METAL SIZES ACCORDINGLY.

28. SPRINKLER HEAD AND LIGHTING FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER LOCATIONS. COORDINATE WITH ELECTRICAL CONTRACTOR AND FIRE PROTECTION CONTRACTOR.

29. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.

30. DIVISION 23 CONTRACTOR WILL BE RESPONSIBLE FOR CONDENSATE LINE MATERIALS AND INSTALLATION.

31. DIVISION 23 CONTRACTOR SHALL PROVIDE RTU LOW VOLTAGE WIRING.

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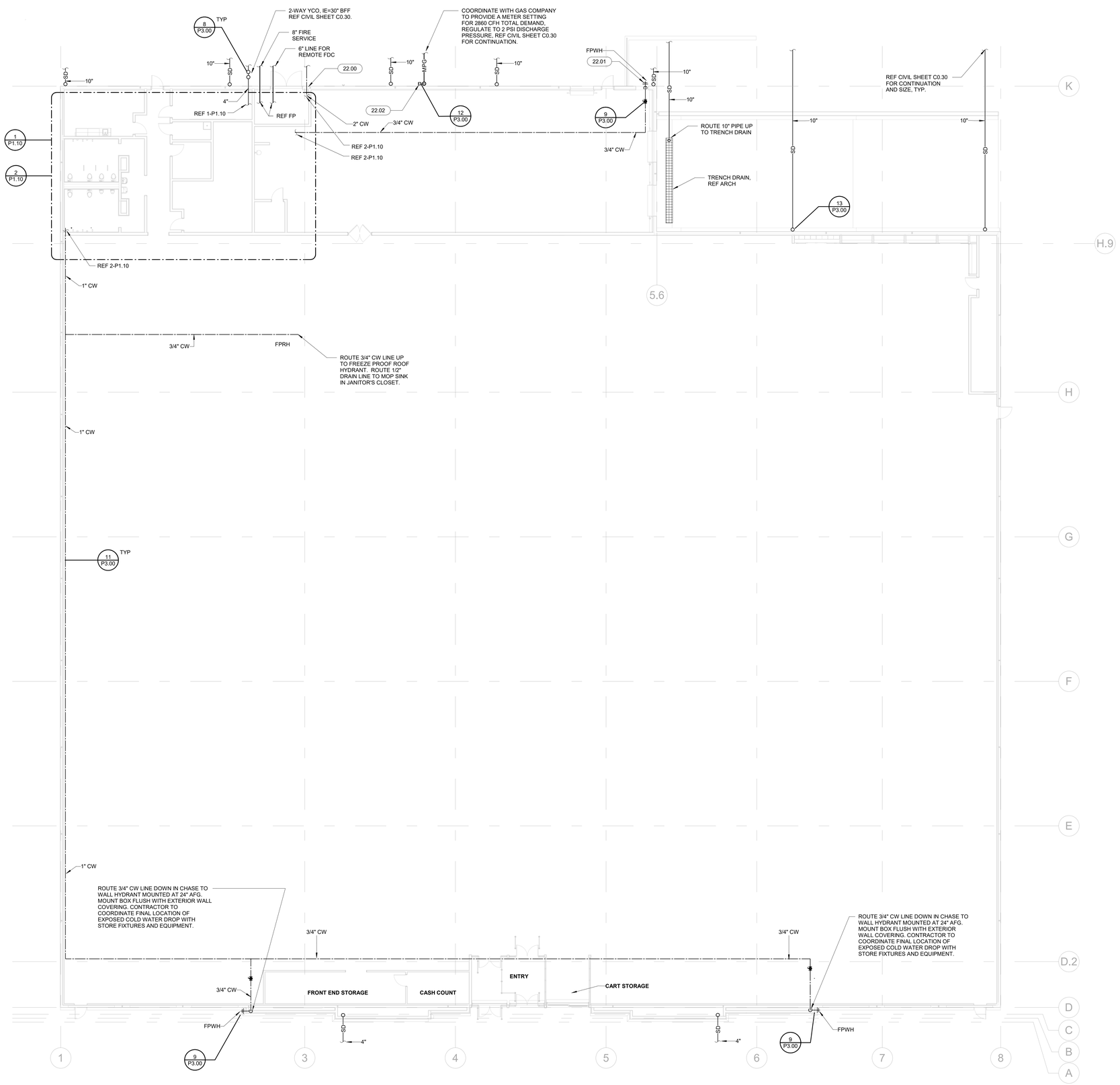
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M3.00



PLUMBING KEYNOTES

22.00	COORDINATE 2" DOMESTIC WATER SERVICE AND WATER METER WITH AUTHORITY HAVING JURISDICTION AND CIVIL DRAWINGS. PROVIDE 2" BACKFLOW PREVENTER. COORDINATE LOCATION AND TYPE WITH LOCAL UTILITIES AND CIVIL DRAWINGS. PROVIDE PRESSURE REGULATOR ON DOWNSTREAM SIDE OF BACKFLOW PREVENTER IF WATER PRESSURE EXCEEDS 80 PSI. SET REGULATOR TO 60 PSI.
22.01	ROUTE 3/4" CW DOWN ADJACENT TO EXTERIOR WALL TO WALL HYDRANT MOUNTED AT 24" AFG. PROVIDE SHUT OFF VALVE IN VERTICAL RISER AT 6' ABOVE FINISHED FLOOR.
22.02	ROUTE GAS LINE UP EXTERIOR WALL TO ROOF. IF BACK OF STORE HAS A PARAPET, CORE THE WALL 6" ABOVE THE ROOF LINE FLASHING. REF 1-P1.1 FOR CONTINUATION.

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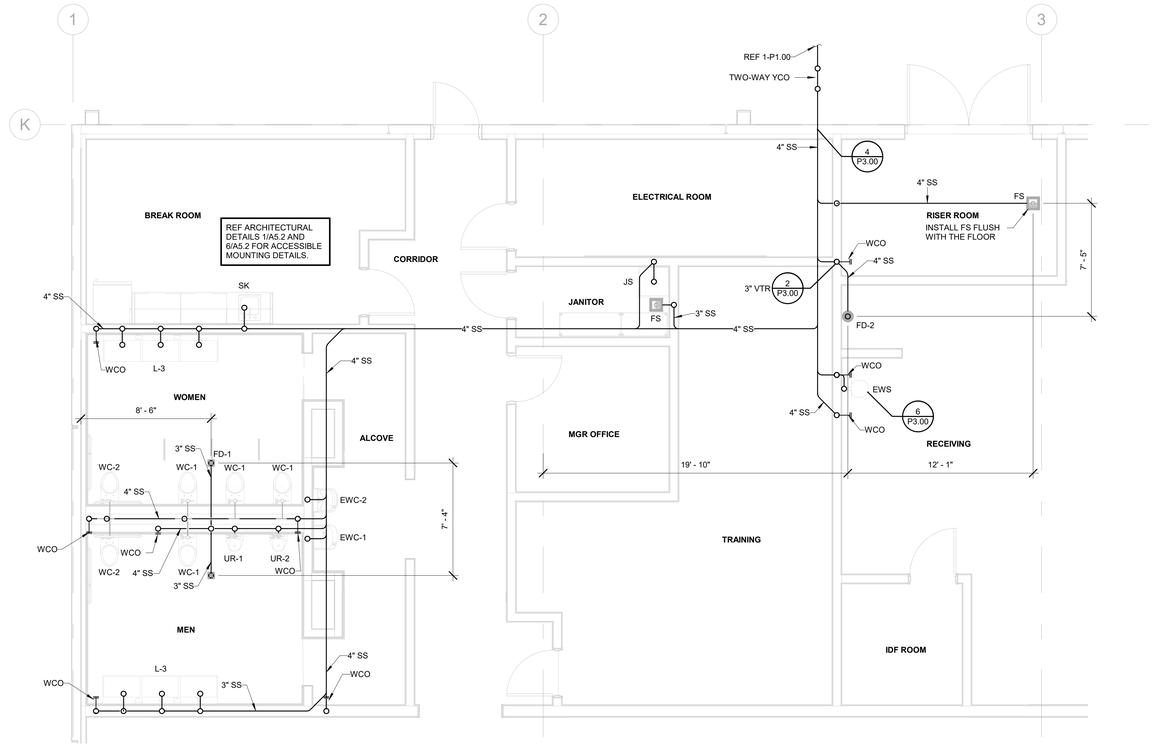
CHECKED BY:	SAM
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STORE #:	TBD
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PLUMBING OVERALL FLOOR PLAN

SHEET: P1.00

1 **PLUMBING OVERALL FLOOR PLAN**
3/32" = 1'-0"

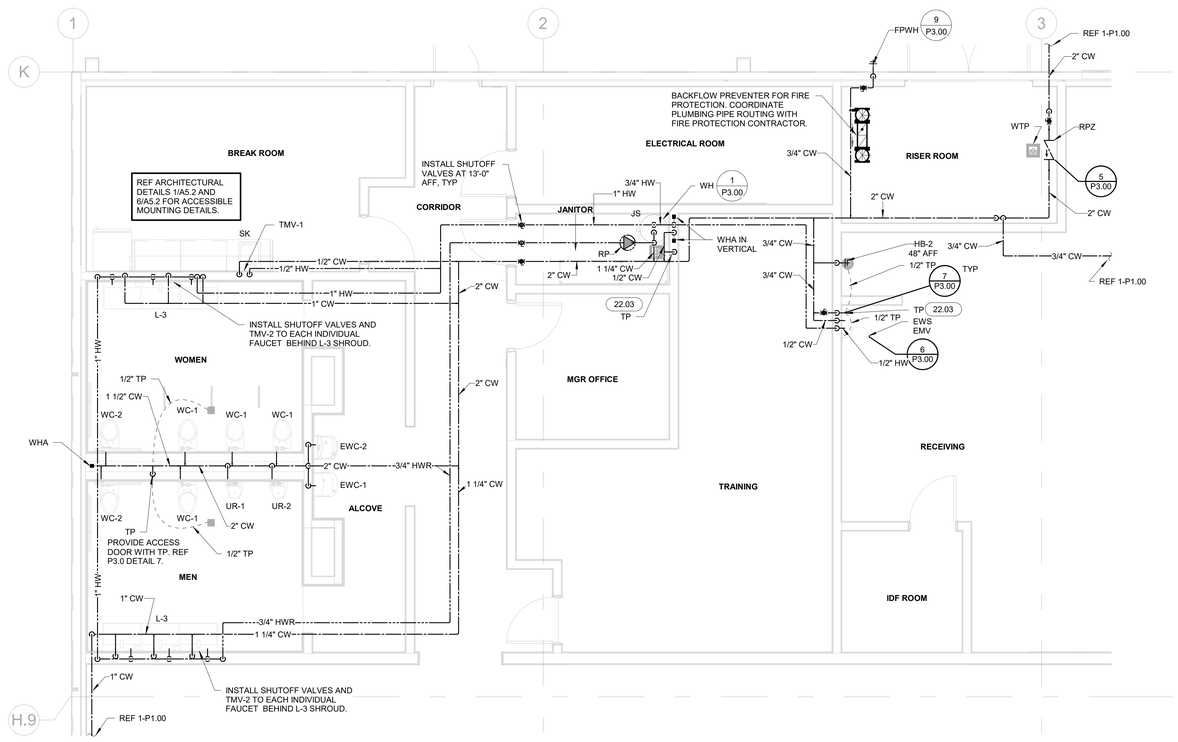
REF /



1 ENLARGED DWV PIPING FLOOR PLAN

1/4" = 1'-0"

REF 1 / P1.00



2 ENLARGED WATER PIPING FLOOR PLAN

1/4" = 1'-0"

REF 1 / P1.00

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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2555269 DOC DATE: 01/13/2026

ISSUE BLOCK	
10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT
01/13/2026	BID

STATE OF ARKANSAS
SCOTT A MOSELEY
REGISTERED PROFESSIONAL ENGINEER
No. 12466
01/13/2026

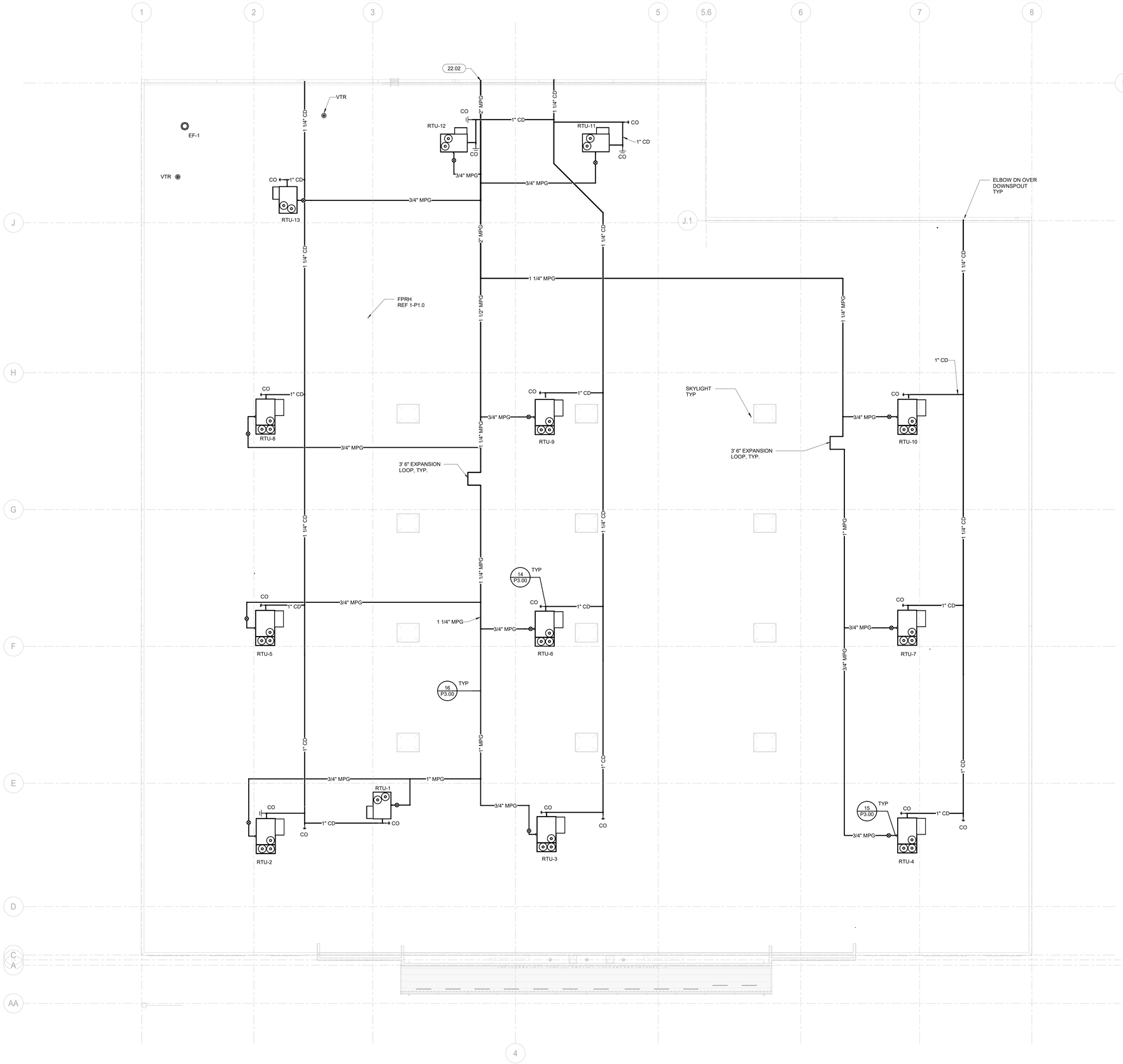
Professional of Record:
SCOTT A MOSELEY
License No.: 12466
Exp. Date: 12/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

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PLUMBING ENLARGED PLANS

SHEET: P1.10



PLUMBING ROOF KEYNOTES

22.02	ROUTE GAS LINE UP EXTERIOR WALL TO ROOF. IF BACK OF STORE HAS A PARAPET, CORE THE WALL 6" ABOVE THE ROOF LINE FLASHING. REF 1-P1.1 FOR CONTINUATION.

TOTAL CONNECTED NATURAL GA...

EQUIPMENT MARK	BTU/HR
RTU-1	130,000
RTU-2	260,000
RTU-3	260,000
RTU-4	260,000
RTU-5	260,000
RTU-6	260,000
RTU-7	260,000
RTU-8	260,000
RTU-9	260,000
RTU-10	260,000
RTU-11	130,000
RTU-12	130,000
RTU-13	130,000
TOTAL	

NATURAL GAS SYSTEM SIZED WITH A TOTAL DEVELOPED LENGTH FROM THE GAS METER TO MOST REMOTE PIECE OF EQUIPMENT OF 450' WITH GAS PRESSURE OF 2.0 PSI AND TOTAL GAS LOAD OF 2,860,000 BTU/HR.

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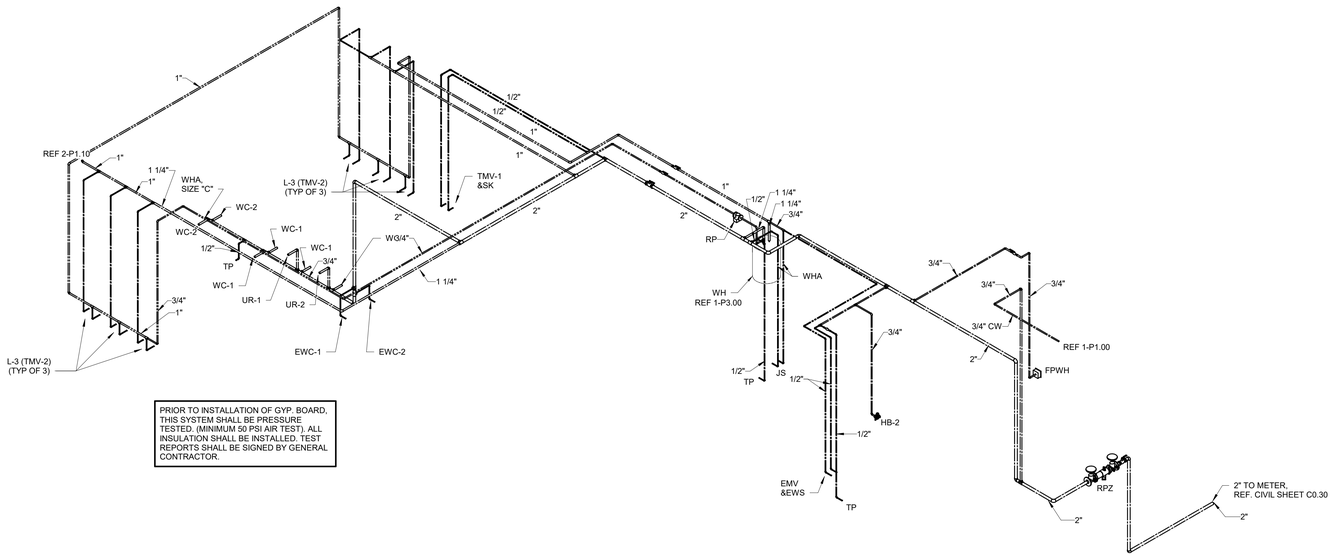
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PLUMBING ROOF PLAN

SHEET: P1.20

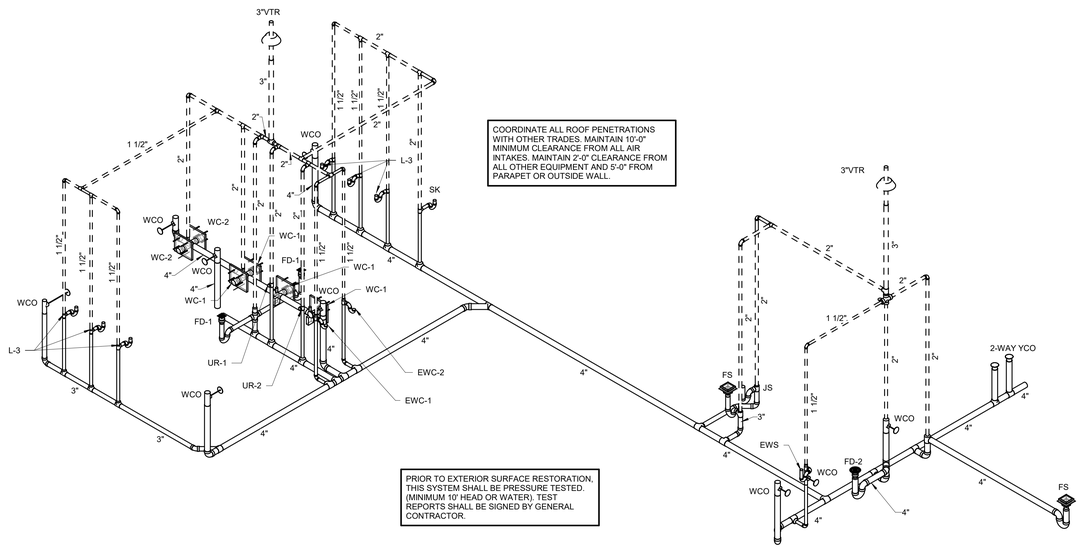
1 **PLUMBING ROOF PLAN**
3/32" = 1'-0"

REF /



PRIOR TO INSTALLATION OF GYP. BOARD, THIS SYSTEM SHALL BE PRESSURE TESTED. (MINIMUM 50 PSI AIR TEST). ALL INSULATION SHALL BE INSTALLED. TEST REPORTS SHALL BE SIGNED BY GENERAL CONTRACTOR.

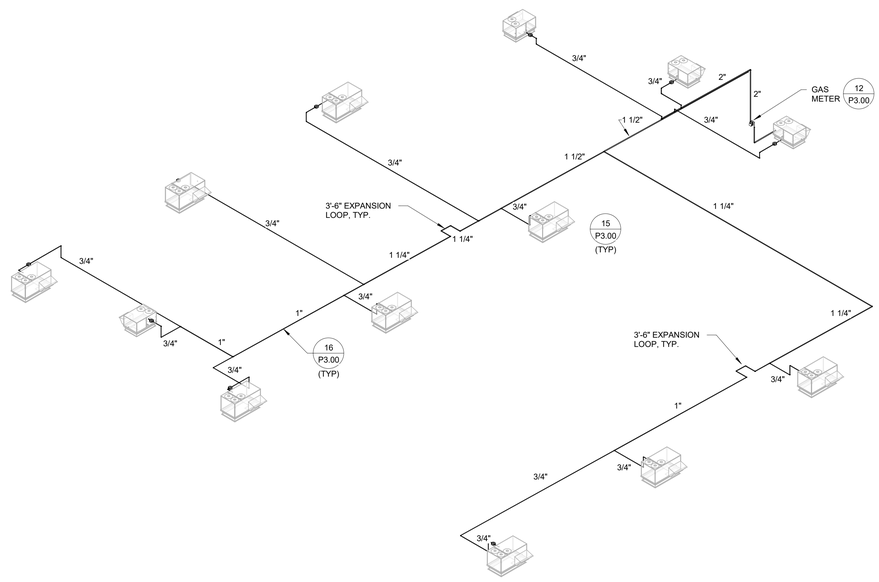
2 WATER RISER REF /



COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10'-0" MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2'-0" CLEARANCE FROM ALL OTHER EQUIPMENT AND 5'-0" FROM PARAPET OR OUTSIDE WALL.

PRIOR TO EXTERIOR SURFACE RESTORATION, THIS SYSTEM SHALL BE PRESSURE TESTED. (MINIMUM 10' HEAD OR WATER). TEST REPORTS SHALL BE SIGNED BY GENERAL CONTRACTOR.

1 DWV RISER REF /



3 GAS RISER REF /

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No. 12466
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01/13/2026

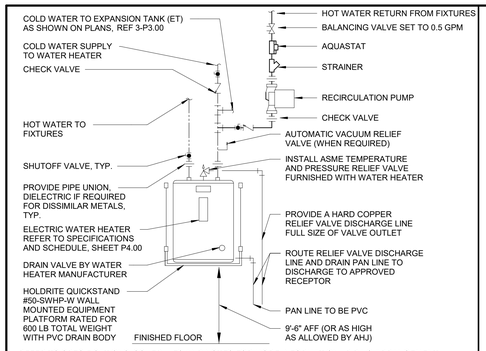
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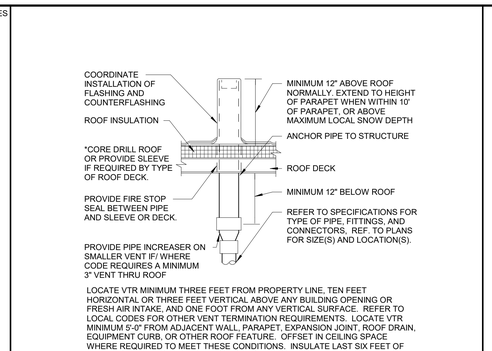
PLUMBING RISER DETAILS

SHEET: P2.00



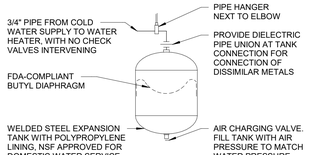
REFER TO SPECIFICATIONS, SCHEDULES AND NOTES FOR MORE INFORMATION. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. VERIFY ALL CONNECTION SIZES AND LOCATIONS PER MANUFACTURERS REQUIREMENTS. ADJUST TO SUIT FIELD CONDITIONS. REFER TO FLOOR PLANS FOR PIPE SIZES. PROVIDE SEISMIC STRAP OR BRACING IF/AS REQUIRED BY LOCAL AUTHORITIES. PROVIDE HEAT TRAP AND AUTOMATIC VACUUM RELIEF VALVE WHEN REQUIRED BY LOCAL AUTHORITIES.

1 SHELF MOUNTED WATER HEATER — N.T.S. — REF /



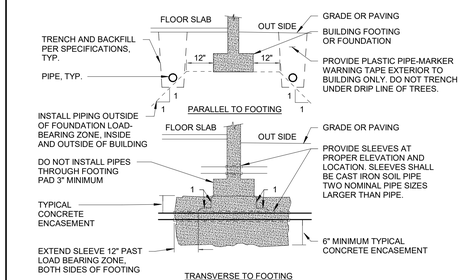
LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. REFER TO LOCAL CODES FOR OTHER VENT TERMINATION REQUIREMENTS. LOCATE VTR MINIMUM 5'-0" FROM ADJACENT WALL, PARAPET, EXPANSION JOINT, ROOF DRAIN, EQUIPMENT CURB, OR OTHER ROOF FEATURE. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS. INSULATE LAST SIX FEET OF VENT PIPE INSIDE BUILDING PER SPECIFICATIONS.

2 VENT THRU ROOF ("VTR") — N.T.S. — REF 1 / P1.10



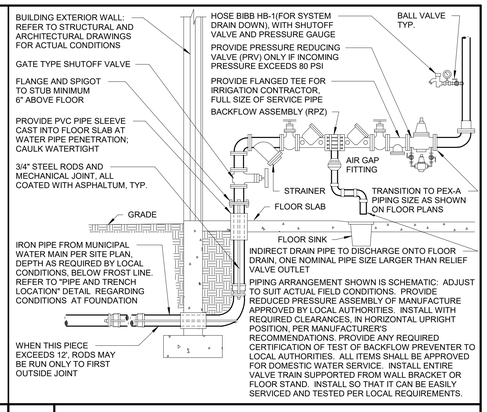
PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION PROCEDURE. VERIFY PROPER OPERATION WHEN INSTALLED. PROVIDE SEISMIC STRAP OR BRACING WHEN REQUIRED BY LOCAL AUTHORITIES.

3 SMALL EXPANSION TANK — N.T.S. — REF /

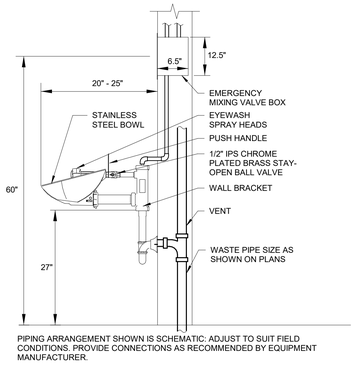


VERIFY EXCAVATION CONDITIONS (SOIL/ROCK) WITH GEOTECHNICAL REPORT AND/ OR SITE INVESTIGATIONS. REFER TO SPECIFICATIONS FOR OTHER CONDITIONS. DO NOT INSTALL PIPES UNDER INTERIOR BUILDING SPREAD FOOTINGS OR PILE CAPS. COORDINATE WITH AFFECTED CONTRACTORS PRIOR TO THE START OF WORK.

4 PIPE AND TRENCH LOCATION — N.T.S. — REF 1 / P1.10

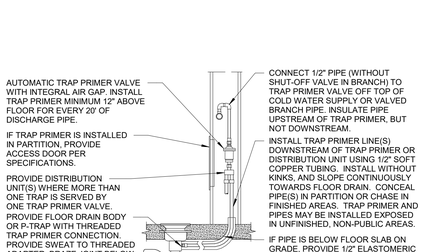


5 DOMESTIC WATER SERVICE ENTRY — N.T.S. — REF 2 / P1.10



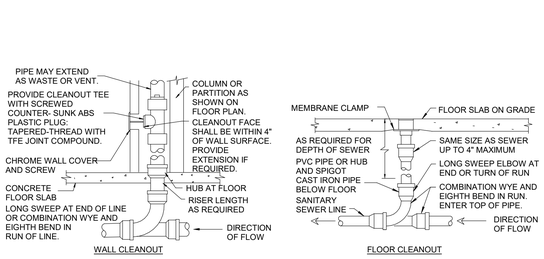
PIPING ARRANGEMENT SHOWN IS SCHEMATIC; ADJUST TO SUIT FIELD CONDITIONS. PROVIDE CONNECTIONS AS RECOMMENDED BY EQUIPMENT MANUFACTURER.

6 WALL MOUNTED EYEWASH — N.T.S. — REF 1 / P1.10



PROVIDE TRAP PRIMERS WHERE SHOWN ON FLOOR PLANS, AND WHERE REQUIRED BY LOCAL AUTHORITIES. PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. REFER TO SPECIFICATIONS AND PLUMBING FIXTURE SCHEDULE FOR MORE INFORMATION. INSTALL TRAP PRIMER VALVE AND DISTRIBUTION UNIT PER MANUFACTURER'S RECOMMENDATIONS.

7 TRAP PRIMER IN/OUT WALL — N.T.S. — REF 2 / P1.10

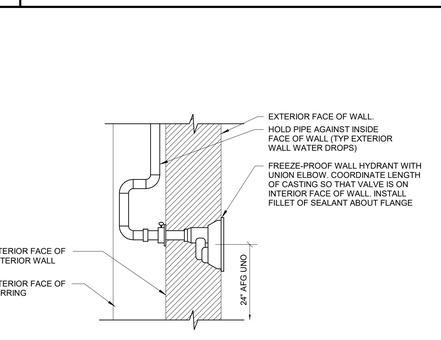


PROVIDE WCO WHERE SHOWN ON PLAN, AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT. LOCATE ABOVE FIXTURE FLOOD RIM WITHIN 4" OF FLOOR. CONSULT CODE FOR OTHER WCO REQUIREMENTS.

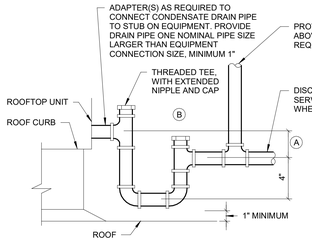
LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45 DEGREES, AT 50' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUTS WHERE THERE IS 18" CLEAR AROUND. CONSULT CODE FOR OTHER FCO REQUIREMENTS.

ROUND SECURED GASKETED NICKEL BRONZE ADJUSTABLE TOP WITH "CO" CAST IN COVER. PROVIDE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORIATED FOR UNFINISHED FLOORS). PROVIDE GASKETED PLASTIC PLUG IN CAST IRON BODY. USE TEFLON JOINT COMPOUND ON PLUG THREADS. CLEAN THE TOP OF EXPOSED FCO AFTER INSTALLATION.

8 CLEAN OUT DETAILS — N.T.S — REF 1 / P1.00



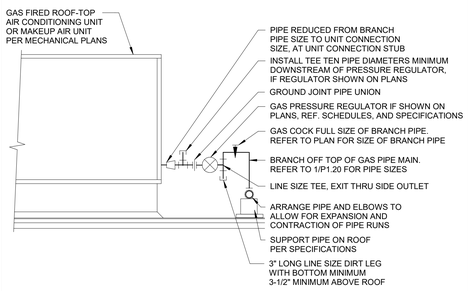
9 FREEZE PROOF WALL HYDRANT — N.T.S. — REF 1 / P1.00



(A) = UNIT TOTAL STATIC PRESSURE + 2"

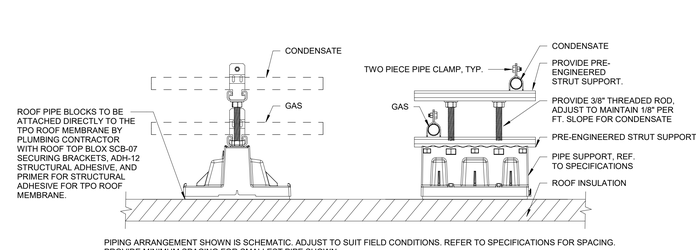
(B) = 1" MINIMUM PIPE SIZE OR SIZE PER DRAIN TAP IN ROOFTOP UNIT.

14 CONDENSATE DRAIN TRAP — N.T.S. — REF 1 / P1.20



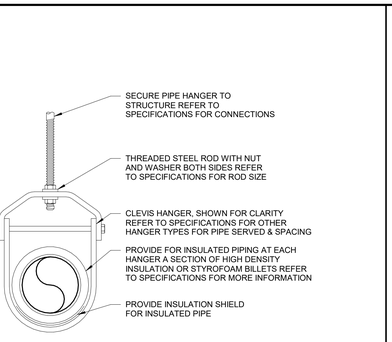
ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. PROVIDE CONNECTIONS SHOWN IN EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. VERIFY CONNECTION LOCATIONS BEFORE INSTALLING PIPE RUNS. REFER TO SPECIFICATIONS FOR PIPE AND FITTING MATERIALS AND INSTALLATION. PROVIDE DIELECTRIC UNION IF CONNECTING DISSIMILAR METALS. FOR PIPE SIZE(S) REFER TO FLOOR PLANS, OR CODE REQUIREMENTS FOR HVAC UNIT TONNAGE. PROVIDE GAS COCK, UNION AND DIRT LEG SAME SIZE AS BRANCH PIPE. SLOPE CONDENSATE PIPE AS MUCH AS POSSIBLE TOWARD DISCHARGE, 2% MINIMUM. PROVIDE CLEANOUTS IN ENDS AND TURNS OF PIPE PER LOCAL CODE REQUIREMENTS; ADAPTER WITH THREADED CLEANOUT PLUG. OMIT CONDENSATE DRAIN ON MAKEUP AIR UNIT. PROVIDE MINIMUM 6" CLEARANCE TO ROOF UNDER PIPES.

15 GAS CONNECTION TO ROOF-TOP UNIT — N.T.S. — REF 1 / P1.20

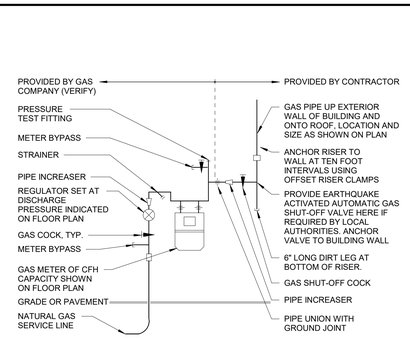


PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS. REFER TO SPECIFICATIONS FOR SPACING. PROVIDE MINIMUM SPACING FOR SMALLEST PIPE SHOWN.

16 SUPPORT OF PIPE ON ROOF — N.T.S. — REF 1 / P1.20

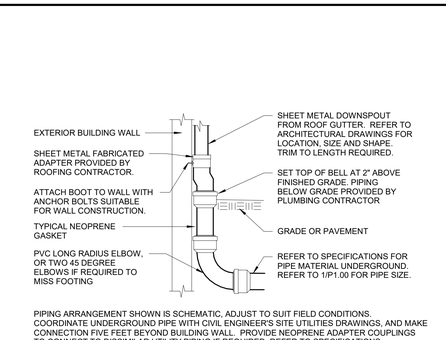


11 PIPE HANGER DETAIL — N.T.S. — REF 1 / P1.00



VERIFY REQUIREMENTS FOR METERING AND PIPING WITH GAS COMPANY. COORDINATE WITH GAS COMPANY WITH REGARD TO INSTALLATION OF OTHER PLUMBING UTILITIES IN VICINITY, IF ANY. APPLY FOR AND PAY GAS COMPANY FEES FOR INSTALLATION. USE WELDED OR SCREWED PIPE AND FITTINGS PER PLUMBING SPECIFICATIONS.

12 GAS METER SETTING — N.T.S. — REF 1 / P1.00



PIPING ARRANGEMENT SHOWN IS SCHEMATIC, ADJUST TO SUIT FIELD CONDITIONS. COORDINATE UNDERGROUND PIPE WITH CIVIL ENGINEER'S SITE UTILITIES DRAWINGS, AND MAKE CONNECTION FIVE FEET BEYOND BUILDING WALL. PROVIDE NEOPRENE ADAPTER COUPLINGS TO CONNECT TO DISSIMILAR UTILITY PIPING IF REQUIRED, REFER TO SPECIFICATIONS.

13 DOWNSPOUT BOOT CONNECTION — N.T.S. — REF 1 / P1.00

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ISSUE BLOCK	
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STATE OF ARKANSAS
Scott A Moseley
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No. 12466
SCOTT A. MOSELEY
01/13/2026

Professional of Record:
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Exp. Date: 12/31/26

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DOCUMENT DATE:	01/13/2026
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PLUMBING DETAILS

SHEET:
P3.00

PLUMBING FIXTURE SCHEDULE

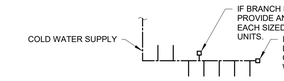
TAG	FIXTURE	FIXTURE BRANCH CONNECTION SIZE (MINIMUM)				MANUFACTURER	MODEL	DESCRIPTION
		COLD WATER	HOT WATER	WASTE	VENT			
AP	ACCESS PANEL	- - -	- - -	- - -	- - -	JAY R. SMITH	4767	12"X 12" - CL, TYPE 304 STAINLESS STEEL PANEL AND FRAME WITH CONCEALED HINGE, KEY OPERATED CYLINDER LOCK AND 1/4" SLOTS FOR INSTALLATION IN PLASTER OR WET WALL CONSTRUCTION
EMV	EMERGENCY MIXING VALVE	- - -	- - -	- - -	- - -	BRADLEY	S19-2000	BRONZE BODY WITH ROUGH BRONZE FINISH, MEETING ASSE 1071, CORROSION RESISTANT INTERNAL PARTS, CHECK STOPS WITH REMOVABLE STRAINERS, DUAL INTERNAL COLD WATER BYPASS, PARAFFIN FILLED TEMPERATURE ELEMENT, DIAL THERMOMETER ON OUTLET, CAPABLE OF 4 GPM WITH A 5 PSI DIFFERENTIAL AND A MINIMUM FLOW RATE OF 1.5 GPM, AND RECESSED STAINLESS STEEL CABINET. MAXIMUM TEMPERATURE STOP SET FOR 90ºF.
EWC-1	ELECTRIC WATER COOLER	1/2"	- - -	2"	1 1/2"	ELKAY	EZS8S	WALL-MOUNTED, BARRIER FREE, FRONT AND SIDE PUSH ACTUATOR BARS, STAINLESS STEEL BOWL, FLEXIBLE POLYESTER ELSTOMER SAFETY BUBBLER AND GALVANIZED STEEL FRONT AND SIDES, CHILLER WITH CAPACITY OF 8.0 GALLONS PER HOUR CAPACITY, 50ºF DRINKING WATER AT 80ºF INLET TEMPERATURES 90ºF ROOM TEMPERATURE. 120-VOLT, 3.7 FULL LOAD AMPS. PROVIDE WITH McGUIRE # 2165CC COMPRESSION ANGLE STOP VALVE WITH RISER AND ESCUTCHEON, McGUIRE # 8872CF 1-1/4" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTABLE P-TRAP AND WASTE ARM WITH CLEANOUT PLUG AND ESCUTCHEON, ELKAY # LKAPREZL ACCESSORY APRON, AND SUITABLE CARRIER WITH STANCHIONS TO FLOOR.
EWC-2	ELECTRIC WATER COOLER (ADA)	1/2"	- - -	2"	1 1/2"	ELKAY	EZS8S	WALL-MOUNTED, BARRIER FREE, FRONT AND SIDE PUSH ACTUATOR BARS, STAINLESS STEEL BOWL, FLEXIBLE POLYESTER ELSTOMER SAFETY BUBBLER AND GALVANIZED STEEL FRONT AND SIDES, CHILLER WITH CAPACITY OF 8.0 GALLONS PER HOUR CAPACITY, 50ºF DRINKING WATER AT 80ºF INLET TEMPERATURES 90ºF ROOM TEMPERATURE. 120-VOLT, 3.7 FULL LOAD AMPS. PROVIDE WITH McGUIRE # 2165CC COMPRESSION ANGLE STOP VALVE WITH RISER AND ESCUTCHEON, PVC P-TRAP AND WASTE ARM WITH CLEANOUT PLUG AND ESCUTCHEON, ELKAY # LKAPREZL ACCESSORY APRON, AND SUITABLE CARRIER WITH STANCHIONS TO FLOOR. PROVIDE WITH ELKAY EZWSRK BOTTLE FILLING STATION.
ET	EXPANSION TANK	- - -	- - -	- - -	- - -	AMTROL	THERM-X-TROL ST-5	WELDED STEEL PRESSURE TANK, POLYPROPYLENE LINING, FLEXIBLE BUTYL DIAPHRAGM, AIR CHARGING VALVE, 150 PSI MAXIMUM WORKING PRESSURE, 2.0 GALLON CAPACITY, 0.45 MAXIMUM ACCEPTANCE FACTOR, 3/4" PIPE CONNECTION. SET THE AIR CHARGE PRESSURE TO MATCH EXISTING WATER SYSTEM PRESSURE.
EWS	WALL MOUNTED EMERGENCY EYE WASH	1/2"	1/2"	2"	1 1/2"	BRADLEY	S19-224B	10" DIAMETER STAINLESS STEEL BOWL AND STAY-OPEN BALL VALVE, HIGHLY VISIBLE PUSH HANDLE, CAST ALUMINUM WALL BRACKET TWIN SOFT-FLOW HEADS WITH INTEGRAL FLOW CONTROL AND DUST COVERS. PROVIDE WITH 1-1/4" CHROME PLATED BRASS TAIL PIECE AND McGUIRE 1-1/4" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTABLE P-TRAP WITH BRASS CLEANOUT AND ESCUTCHEON.
FCO	FLOOR CLEANOUT	- - -	- - -	- - -	- - -	JAY R. SMITH	4313	CAST IRON BODY, FLASHING FLANGE WITH CLAMPING COLLAR, BRONZE PLUG, AND ADJUSTABLE, ROUND, SECURED, SCORIATED STAINLESS STEEL TOP. REFER TO SPECIFICATIONS FOR INSTALLATION.
FD-1	FLOOR DRAIN	- - -	- - -	3"	2"	JAY R. SMITH	2005L (-B)	CAST IRON BODY AND CLAMPING COLLAR, ADJUSTABLE 5" SQUARE NICKEL BRONZE STRAINER. USE PUSH-ON JOINT OF OUTLET SIZE AS SHOWN ON PLANS.
FD-2	FLOOR DRAIN	- - -	- - -	4"	2"	JAY R. SMITH	2110L	CAST IRON BODY, 9" ROUND, LOOSE, MEDIUM DUTY, CAST IRON GRATE, SEDIMENT BUCKET, BOTTOM OUTLET, SEEPAGE PAN, AND MEMBRANE FLASHING CLAMP. USE PUSH-ON JOINT OF OUTLET SIZE AS SHOWN ON PLANS.
FPRH	FREEZE PROOF ROOF HYDRANT	3/4"	- - -	1/2"	- - -	ZURN	Z1388	EXPOSED, NON-FREEZE ROOF HYDRANT, WITH DURA-COATED CAST IRON HEAD AND LIFT HANDLE WITH LOCK OPTION, BRONZE INTERIOR PARTS, GALVANIZED STEEL CASING, AND BRONZE VALVE HOUSING WITH 1/8" DRAIN PORT IN HOUSING. DURA-COATED CAST IRON ROOF SUPPORT SLEEVE WITH ANCHORING FLANGE AND CLAMP COLLAR.
FPWH	FREEZE PROOF WALL HYDRANT	3/4"	- - -	- - -	- - -	JAY R. SMITH	5509QT-WC	BRONZE NICKEL PLATED HYDRANT, INTEGRAL VACUUM BREAKER, QUARTER-TURN "T" HANDLE KEY, 3/4" THREADED HOSE CONNECTION, ADJUSTABLE WALL CLAMP, AND STAINLESS STEEL BOX.
FS	FLOOR SINK	- - -	- - -	3"	2"	JAY R. SMITH	3101L (-12)	6" DEEP CAST IRON BODY WITH ACID RESISTING ENAMELED INTERIOR, ANCHOR FLANGE WITH SEEPAGE HOLES, CLAMP COLLAR, ALUMINUM SEDIMENT BUCKET, AND 8-1/2" SQUARE NICKEL BRONZE RIM AND HALF GRATE. USE PUSH-ON JOINT OF OUTLET SIZE AS SHOWN ON PLANS.
GPR	GAS PRESSURE REGULATOR	- - -	- - -	- - -	- - -	FISHER	HSR	DIRECT-OPERATED TYPE WITH CAST IRON BODY WITH WEATHER COATING, SCREWED CONNECTIONS AND INTERNAL RELIEF VALVE WITH RELIEF VENT AND OVERPRESSURE PROTECTION TO 25 PSIG, AGA CERTIFIED WITH CAPACITY TO REDUCE INLET NATURAL GAS PRESSURE FROM 2 LBS TO 7-10" W.C. AT A MAXIMUM DROOP OF 1" WATER COLUMN. PROVIDE SPRING AND ORIFICE TO MATCH REQUIRED FLOW RATE OF CONNECTED EQUIPMENT AS INDICATED ON THE DRAWINGS. VALVE BODY SHALL BE LINE SIZE OF INCOMING LINE SIZE AS INDICATED ON THE DRAWINGS.
HB-1	HOSE BIB	3/4"	- - -	- - -	- - -	CHICAGO FAUCET	952-CP	POLISHED CHROME PLATED BRASS, 3/4" FEMALE INLET, 3/4" THREADED HOSE CONNECTION, # 293-006JKRCF LOOSE KEY HANDLE, AND INTEGRAL VACUUM BREAKER.
HB-2	HOSE BIB WITH PAIL HOOK	3/4"	- - -	- - -	- - -	CHICAGO FAUCET	952-CP	POLISHED CHROME PLATED BRASS, 3/4" FEMALE INLET, 3/4" THREADED HOSE CONNECTION, # 293-006JKRCF LOOSE KEY HANDLE, AND INTEGRAL VACUUM BREAKER. PROVIDE WITH 305-SVBJKCP SPOUT WITH PAIL HOOK
JS	JANITOR SINK	1/2"	1/2"	3"	2"	FIAT	TSB200	24"x24"x12" HIGH SQUARE TERRAZZO BASIN WITH INTEGRAL STAINLESS STEEL DRAIN BODY. PROVIDE WITH FAUCET: CHICAGO FAUCET # 782-VB FAUCET WITH WALL BRACE, INTEGRAL VACUUM BREAKER, PAIL HOOK, AND 3/4" MALE HOSE THREADED OUTLET. SECURE FAUCET IN WALL WITH BACKBOARD. TRIM: # SB-850 TYPE 304, 20 GAUGE, STAINLESS STEEL WALL SURROUNDS, # T-35 THREE FOOT LONG REINFORCED HOSE WITH 3/4" CHROME COUPLING AND WALL HOOK, # A-70 EXTRUDED VINYL BUMPER GUARD, AND # T-40 24" STAINLESS STEEL MOP HANGER.
L-3	TRIPLE STATION LAVATORY	1/2"	1/2"	2"	1 1/2"	VERONA	SMQ0046-3SCN	INSTALLATION SHALL CONFORM TO ADA REQUIREMENTS. FAUCET: TOTO T2853E-CP, 0.5 GPM, 0.17 GPC, 120 VOLT POWERED SENSOR FAUCET, LAV SYSTEM FURNISHED WITH 1/2" QUARTER TURN SUPPLY STOPS, 3/8" FLEXIBLE SUPPLY RISERS, CHROME 1-1/2" TAIL PIECE, AND CHROME 1-1/2" P TRAP FOR COMPLETE SYSTEM OPERATION. BIANCO SAND FINISH. NO SOAP HOLE OPTION. INSTALL TMV-2 AT EACH LAVATORY BEHIND SHROUD. PROVIDE JOSAM 17550 CARRIER.
PRV	PRESSURE REDUCING VALVE	- - -	- - -	- - -	- - -	WATTS	LF223	BRONZE BODY WITH STAINLESS STEEL SEAT AND BOLTS, INLET AND OUTLET SIZE AS SHOWN ON PLANS. SET OUTLET PRESSURE TO 60 PSI.
RP	RECIRCULATION PUMP	- - -	- - -	- - -	- - -	BELL & GOSSETT	NBF-9U	WET ROTOR TYPE INLINE PUMP WITH 2800 RPM MOTOR, ALL BRONZE BODY WITH UNION CONNECTIONS, CAPACITY OF 2 GPM AT 7 FEET OF HEAD. 120-VOLT, 0.4 FULL LOAD AMPS. PROVIDE WITH HONEYWELL #L6006C SURFACE MOUNTED AQUASTAT WITH SINGLE POLE DOUBLE THROW SWITCH FOR CIRCULATOR CONTROL AND ADJUSTABLE DIFFERENTIAL SET TO 10ºF. SET AQUASTAT TO SHUT OFF RECIRCULATION PUMP AT WATER HEATER SET POINT AND ON AT 10ºF BELOW SET POINT. SET AQUASTAT TO SHUT OFF RECIRCULATION PUMP AT 3ºF ABOVE MIXING VALVE SET POINT AND ON AT 7ºF BELOW SET POINT.
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER	- - -	- - -	- - -	- - -	WATTS	LF009QTS	LEAD FREE CAST COPPER SILICON ALLOY BODY, QUARTER TURN TEST COCKS, RESILIENT SEATED NON-RISING STEM GATE VALVES, EPOXY COATED CAST IRON BASKET STRAINER, AND # 909AGF AIR GAP FITTING.
SK	SINK	1/2"	1/2"	2"	2"	ELKAY	LRAD-1720	17" x 20" x 6-1/2" DEEP, SINGLE COMPARTMENT, SELF-RIMMING, 18 GAUGE TYPE 302 STAINLESS STEEL, FIXTURE WITH FAUCET LEDGE AND OFF-CENTERED REAR DRAIN OPENING. SET IN BED OF PUTTY. PROVIDE WITH FAUCET: CHICAGO FAUCET # 895-317GNZFCAB 4" CENTERSET FAUCET WITH WRIST BLADE HANDLES AND # E3 2.2 GPM AERATOR. TRIM: McGUIRE # 2165CC WHEEL HANDLE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, McGUIRE # 151M CUP STRAINER WITH 1-1/2" 17 GAUGE TAILPIECE, McGUIRE # 8912-C-F 1-1/2" 17 GAUGE TUBULAR CHROME PLATED BRASS ADJUSTABLE P-TRAP WITH BRASS CLEANOUT AND ESCUTCHEON.
TMV-1	THERMOSTATIC MIXING VALVE	- - -	- - -	- - -	- - -	BRADLEY	S59-4000BY	GLASS-FILLED POLYSULFONE BODY, WAX ELEMENT, CORROSION RESISTANT INTERNAL PARTS, AND INTEGRAL CHECKS, ASSE 1070 COMPLIANT, CAPABLE OF 2.2 GPM WITH A 20 PSI DIFFERENTIAL AND A MINIMUM FLOW RATE OF 0.5 GPM. MAXIMUM TEMPERATURE STOP SET FOR 110ºF. MOUNT BELOW THE PLUMBING FIXTURE WHERE INDICATED ON PLAN(S).
TMV-2	THERMOSTATIC MIXING VALVE	- - -	- - -	- - -	- - -	ZURN	ZW3870XLT	GLASS-FILLED POLYSULFONE BODY, WAX ELEMENT, CORROSION RESISTANT INTERNAL PARTS, AND INTEGRAL CHECKS, ASSE 1070 COMPLIANT, CAPABLE OF 2.2 GPM WITH A 20 PSI DIFFERENTIAL AND A MINIMUM FLOW RATE OF 0.5 GPM. MAXIMUM TEMPERATURE STOP SET FOR 110ºF. INSTALL BEHIND SHROUD AT L-3 FIXTURES.
TP	TRAP PRIMER	- - -	- - -	- - -	- - -	PRECISION PLUMBING PRODUCTS PRIME RITE	PR-500	CORROSION RESISTANT BRASS BODY, "O" RING SEALS, 1/2" INLET AND OUTLET, AND INTEGRAL VACUUM BREAKER. INSTALL THE VALVE AT A MINIMUM OF 12" ABOVE FINISHED FLOOR. PROVIDE WITH DISTRIBUTION # DU-2 FOR TWO, # DU-3 FOR THREE, OR # DU-4 FOR FOUR DRAIN CONNECTIONS.

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	FIXTURE BRANCH CONNECTION SIZE (MINIMUM)				MANUFACTURER	MODEL	DESCRIPTION
		COLD WATER	HOT WATER	WASTE	VENT			
UR-1	URINAL	1"	- - -	2"	2"	KOHLER	K-5016-ET-0 DEXTER	WHITE VITREOUS CHINA FIXTURE WITH FLUSHING RIM, 3/4" TOP SPUD, AND SIPHON JET ACTION, 0.5 GPF. PROVIDE WITH TOTO TEU1LA12#CP-W EXPOSED CHROME-PLATED SENSOR ACTIVATED FLUSH VALVE WITH SELF CLEANING PISTON VALVE, FULLY MECHANICAL MANUAL OVER-RIDE KIT AND HARD-WIRED AC POWER KIT. KOHLER K-76318-CP MANUAL FLUSH VALVE. TRIM: SUITABLE CARRIER WITH STANCHIONS TO FLOOR.
UR-2	URINAL (ADA)	1"	- - -	2"	2"	KOHLER	K-5016-ET-0 DEXTER	WHITE VITREOUS CHINA FIXTURE WITH FLUSHING RIM, 3/4" TOP SPUD, AND SIPHON JET ACTION, 0.5 GPF. PROVIDE WITH TOTO TEU1LA12#CP-W EXPOSED CHROME-PLATED SENSOR ACTIVATED FLUSH VALVE WITH SELF CLEANING PISTON VALVE, FULLY MECHANICAL MANUAL OVER-RIDE KIT AND HARD-WIRED AC POWER KIT. KOHLER K-76318-CP MANUAL FLUSH VALVE. TRIM: SUITABLE CARRIER WITH STANCHIONS TO FLOOR.
WC-1	WALL MOUNTED WATER CLOSET	1 1/4"	- - -	4"	2"	KOHLER	K-84325 KINGSTON	WHITE VITREOUS CHINA FIXTURE WITH ELONGATED BOWL, 1.28 GALLON PER FLUSH, AND DIRECT-FED SIPHON JET ACTION. PROVIDE WITH TOTO TET1LB#CP-W FLUSH VALVE EXPOSED CHROME-PLATED SENSOR ACTIVATED FLUSH VALVE WITH SELF CLEANING PISTON VALVE, FULLY MECHANICAL MANUAL OVER-RIDE AND HARD-WIRED AC POWER KIT. KOHLER K-76318-CP MANUAL FLUSH VALVE. MAINLINE ML1055SSC 000 WHITE OPEN-FRONT CONTOURED, SOLID PLASTIC, HEAVY DUTY, SEAT LESS COVER WITH SELF-SUSTAINING CHECK HINGES AND STAINLESS STEEL BOLTS. PROVIDE SUITABLE FIXTURE CARRIER (JOSAM 12724-D4-7 VERTICAL BACK TO BACK OR JOSAM 12714-7 VERTICAL CARRIER).
WC-2	WALL MOUNTED WATER CLOSET (ADA)	1 1/4"	- - -	4"	2"	KOHLER	K-84325 KINGSTON	WHITE VITREOUS CHINA FIXTURE WITH ELONGATED BOWL, 1.28 GALLON PER FLUSH, AND DIRECT-FED SIPHON JET ACTION. PROVIDE WITH TOTO TET1LB#CP-W FLUSH VALVE EXPOSED CHROME-PLATED SENSOR ACTIVATED FLUSH VALVE WITH SELF CLEANING PISTON VALVE, FULLY MECHANICAL MANUAL OVER-RIDE AND HARD-WIRED AC POWER KIT. KOHLER K-76318-CP MANUAL FLUSH VALVE. MAINLINE ML1055SSC 000 WHITE OPEN-FRONT CONTOURED, SOLID PLASTIC, HEAVY DUTY, SEAT LESS COVER WITH SELF-SUSTAINING CHECK HINGES AND STAINLESS STEEL BOLTS. PROVIDE SUITABLE FIXTURE CARRIER (JOSAM 12724-D4-7 VERTICAL BACK TO BACK OR JOSAM 12714-7 VERTICAL CARRIER).
WCO	WALL CLEANOUT	- - -	- - -	- - -	- - -	JAY R. SMITH	4530S	CAST IRON CLEANOUT TEE, COUNTER SUNK PLUG, STAINLESS STEEL ROUND COVER AND SCREW, AND IRON PLUG WITH GASKET SEAL. REFER TO SPECIFICATIONS FOR INSTALLATION.
WHA	WATER HAMMER ARRESTOR	- - -	- - -	- - -	- - -	PRECISION PLUMBING PRODUCTS	PDI	HARD DRAWN COPPER BODY WITH WROUGHT COPPER FITTINGS, PISTON TYPE WITH LUBRICATED EPDM "O" RING SEALS, ASSE 1010 CERTIFICATION. PROVIDE SIZES "A" THROUGH "F" AS SHOWN ON PLANS. PROVIDE SIZE "A" UNLESS SHOWN OTHERWISE ON THE PLANS.
WH	WATER HEATER	- - -	- - -	- - -	- - -	BRADFORD WHITE	LE240LN3-3HZZ	40 GALLON GLASS LINED LOW BOY STORAGE TANK, TWO 6KW DIRECT-IMMERSION HEATING ELEMENTS FOR SIMULTANEOUS OPERATION, SURFACE-MOUNTED THERMOSTATS, ANODE ROD, T & P VALVE, AND 61 GALLONS PER HOUR RECOVERY AT A 80ºF TEMPERATURE RISE. SET WATER OPERATING TEMPERATURE TO 120°F. ELECTRICAL REQUIREMENTS 480 VOLT THREE PHASE UNBALANCED CIRCUIT L2 = 21.6 FULL LOAD AMPS L1 & L3 = 12.6 FULL LOAD AMPS. PROVIDE HOLDRITE QUICK STAND 50-SWHP-W WALL MOUNTED EQUIPMENT PLATFORM.
WTP	WATERLESS TRAP PRIMER	- - -	- - -	- - -	- - -	SURESEAL	SS4009V	INLINE FLOOR DRAIN TRAP SEAL, COMMERCIAL GRADE UV AND OZONE RESISTANT ABS PLASTIC HOUSING WITH EPDM RUBBER DIAPHRAGM, SOFT SEALING GASKET. CONTRACTOR TO INSTALL IN LIEU OF TRAP PRIMERS IF ALLOWED BY AHJ.
YCO	YARD CLEANOUT	- - -	- - -	- - -	- - -	JAY R. SMITH	4262L	SERIES DUCO CAST IRON DOUBLE FLANGED HOUSING WITH HEAVY DUTY SECURED SCORIATED CAST IRON COVER WITH LIFTING DEVICE AND CLEANOUT BODY WITH PLASTIC PLUG WITH GASKET SEAL AND PUSH-ON JOINT REFER TO SPECIFICATIONS FOR INSTALLATION.

NOTE:
REFER TO SPECIFICATIONS FOR FURTHER INFORMATION AND INSTALLATION REQUIREMENTS. VERIFY ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE PLUMBING FIXTURE MOUNTING HEIGHTS AND ACCESSIBLE MOUNTING DETAILS.

WATER HAMMER ARRESTOR SIZING



MULTIPLE FIXTURE ARRANGEMENT

FIXTURE	CW FIXTURES UNITS	HW FIXTURE UNITS
VALVE WATER CLOSET	10	-
TANK WATER CLOSET	5	-
URINAL	5	-
LAVATORY/SINK	1.5	1.5
JANITOR SINK	3	3
SHOWER BATH TUB	2	2

TAG	PDI SIZE	PIPE SIZE	MAX FIXTURE UNITS
WHA	A	1/2"	1 - 11
WHA, SIZE "B"	B	3/4"	12 - 32
WHA, SIZE "C"	C	1"	33 - 60
WHA, SIZE "D"	D	1 1/4"	61 - 113
WHA, SIZE "E"	E	1 1/2"	114 - 154
WHA, SIZE "F"	F	2"	154 - 330

FOR BATTERIES OF FIXTURES, PROVIDE WATER HAMMER ARRESTERS WITH PISTON AND O-RING CONSTRUCTION, HAVING PDI # WH-201, ASSE # 1010 AND ANSI # A112.26.1M CERTIFICATION. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE UNITS AS SHOWN ON THE DRAWINGS AND/OR PER THE TABLES SHOWN ABOVE. PROVIDE ACCESSIBILITY TO "WHA" WHERE REQUIRED BY LOCAL CODE.

PLUMBING PIPE MATERIAL SCHEDULE

PIPING SYSTEM	ABBREVIATION	PIPING MATERIAL
SANITARY DRAIN AND VENT (ABOVE GRADE)	SS ,GW, SD, V	SCHEDULE 40 PVC (NO FOAM CORE ALLOWED)
SANITARY DRAIN AND VENT (BELOW GRADE)	SS ,GW, SD, V	SCHEDULE 40 PVC (NO FOAM CORE ALLOWED)
POTABLE WATER (ABOVE GRADE)	CW, HW, HWR	PEX-A
POTABLE WATER - 2" & SMALLER (BELOW GRADE)	CW	TYPE K SOFT ANNEALED COPPER
NATURAL GAS (ABOVE GRADE & ON ROOF)	G	SCHEDULE 40 BLACK STEEL, PAINTED
NATURAL GAS (BELOW GRADE)	G	APPROVED 'PE' FOR GAS
CONDENSATE DRAIN WITHIN BUILDING	CD	SCHEDULE 40 PVC (NO FOAM CORE)
CONDENSATE DRAIN ON ROOF	CD	SCHEDULE 80 PVC (NO FOAM CORE), PAINTED

REF. SPECIFICATIONS FOR FITTINGS, INSTALLATION REQUIREMENTS AND FURTHER INFORMATION
REF. A7.0 ARCHITECTURAL FINISH SCHEDULE FOR PIPE PAINT FINISHES.

TOTAL WATER USAGE PER DAY FOR TYPICAL RETAIL

ACADEMY SPORTS AND OUTDOORS			
PROTO	INPUT	RESULT	GPD*
TENANT SQUARE FOOTAGE	63,281	---	---
HOURS OF OPERATION PER DAY	12	---	---
NUMBER OF EMPLOYEES (1 PER 3000 SQFT)	---	21	---
GALLONS OF WATER USAGE PER EMPLOYEE PER 8 HOUR SHIFT (15 TYPICAL)	15	---	---
GALLONS OF EMPLOYEE WATER USAGE PER DAY	---	315	---
MULTIPLIER FOR TRANSIENT CUSTOMER USAGE (1.1 TYPICAL)	1.1	---	---
TOTAL GALLONS PER DAY PER TENANT	---	---	346

*TOTAL GALLONS PER DAY HAS BEEN CONFIRMED AGAINST EXISTING STORE(S) UTILITY BILLS

PLUMBING SYMBOLS

SS	SANITARY SEWER
SD	STORM DRAIN
CD	CONDENSATE DRAIN
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC HOT WATER RETURN
TW	DOMESTIC TEMPERED WATER
TWR	DOMESTIC TEMPERED WATER RETURN
FW	FILTERED WATER
MPG	MEDIUM PRESSURE NATURAL GAS
CD	CONDENSATE DRAIN
	PLUMBING VENT
	UNION
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	TEE - TURNED DOWN
	TEE - TURNED UP
	BALL VALVE
	SHUT-OFF VALVE IN VERTICAL LINE
	BACKFLOW PREVENTER
FD	FLOOR DRAIN
FS	FLOOR SINK
FCO	FLOOR CLEANOUT
ECO	EXTERIOR CLEANOUT
FPWH	FREEZE PROOF WALL HYDRANT
HB	HOSE BIBB
WCO	WALL CLEANOUT
	GAS PRESSURE REGULATOR (GPR)
	GAS COCK
	CONNECT TO EXISTING

PLUMBING GENERAL NOTES:

1. NOTES APPLY TO ALL PLUMBING SHEETS.

2. EACH CONTRACTOR IS RESPONSIBLE FOR HAVING THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS AS THEY RELATE TO THIS WORK. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED DUE TO LACK OF THIS KNOWLEDGE.

3. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE TO OBSERVE THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ARCHITECT OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

4. FURNISH A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE ARCHITECT REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS PREPARED BY THE ENGINEER-OF-RECORD AFTER FINAL INSPECTION OF INSTALLED PLUMBING SYSTEMS.

5. FURNISH TO THE ARCHITECT A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS.

6. PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.

7. PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS.

8. COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.

9. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING FIXTURES. DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.

10. REFER TO RISER DIAGRAMS AND PLUMBING FIXTURE SCHEDULE FOR ALL PIPING AND PIPE SIZES NOT SHOWN ON PLAN.

11. COORDINATE SEWER AND WATER CONNECTIONS WITH CIVIL AND AHJ. PROVIDE PRESSURE REDUCING VALVE AND BACKFLOW PREVENTER AS SHOWN OR REQUIRED BY AHJ. VERIFY INVERT AND SLOPE OF INCOMING SANITARY SEWER BEFORE TRENCHING. VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PROJECT.

12. COORDINATE PIPE ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT ROUTE PIPING OVER ELECTRICAL PANELS.

13. COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. SLEEVE PIPING THROUGH GRADE BEAMS, FOOTING, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE ARCHITECT, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS INSTALLED.

14. COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10' MINIMUM CLEARANCE FROM ALL AIR INTAKES. MAINTAIN 2' CLEARANCE FROM ALL OTHER EQUIPMENT AND 5'-0" FROM PARAPET OR OUTSIDE WALL .

15. PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSARY, SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS.

16. INSTALL WATER PIPE ON INSIDE OF EXTERIOR WALL INSULATION TO PREVENT FREEZING.

17. PROVIDE SLEEVE FOR ALL COLD/HOT WATER FLOOR PIPE PENETRATIONS. MAKE SLEEVE LARGE ENOUGH FOR INSULATION. SEAL WITH GRAY MASTIC AND ENSURE OF NO WATER PENETRATIONS. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

18. VALVES AND CLEAN-OUTS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED. PROVIDE ACCESS DOORS TO ALL CONCEALED VALVES AND CLEAN-OUTS; AND NOT ABOVE AN ACCESSIBLE CEILING.

19. CLEAN FAUCET AERATORS AND PIPE STRAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER.

20. PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.

21. PAINT ALL EXPOSED GAS AND WATER PIPING USING RUST INHIBITOR PAINT. PAINT AND COLOR SHALL BE COORDINATED WITH THE ARCHITECT AND / OR OWNER.

22. WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.

23. SANITARY AND STORM SEWER PIPING SHOWN IS BASED ON 1/4" PER FOOT FALL FOR ALL PIPE SMALLER THAN 3" DIAMETER AND 1/8" PER FOOT FALL FOR PIPE 3" DIAMETER AND LARGER.

24. ALL SEWER PIPING BELOW SLAB TO BE 2" DIAMETER MINIMUM.

25. UNDER NO CIRCUMSTANCES WILL GAS OR CONDENSATE PIPING BE CUT ON THE ROOF. NOT EVEN WITH PLYWOOD OR OTHER MATERIALS BENEATH THE CUTTER AS PROTECTION. ANY DAMAGE TO THE ROOF DUE TO NEGLIGENCE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FUND ANY AND ALL REPAIRS.

26. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.

27. ALL CUTS/PENETRATIONS IN THE SLAB TO BE EXECUTED WITH SMOOTH CLEAN EDGES. ANY SLAB PENETRATIONS THAT ARE NON-UNIFORM OR JAGGED TO BE RECUT TO A UNIFORM, SMOOTH CLEAN EDGE; TYP.

CASCO
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Academy SPORTS+OUTDOORS
SILOAM SPRINGS, AR
JOB NUMBER: 2505269 DOC DATE: 01/13/2026

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10/17/2025	50%
11/06/2025	OWNER
11/21/2025	PERMIT
01/13/2026	BID

STATE OF ARKANSAS
SCOTT A MOSELEY
REGISTERED PROFESSIONAL ENGINEER
No. 12466
SCOTT A MOSELEY
01/13/2026

Professional of Record:
SCOTT A MOSELEY
License No.: 12466
Exp. Date: 12/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

CHECKED BY:	SAM
DRAWN BY:	FJM
DOCUMENT DATE:	01/13/2026
STORE #:	TBD
ISSUE:	BID

PLUMBING SCHEDULES

SHEET:
P4.00

GENERAL NOTES

BUILDING CODE: 2021 INTERNATIONAL BUILDING CODE (IBC)

WIND LOADING:
- BASIC WIND SPEED, V = 107 MPH
- ALLOWABLE STRESS DESIGN WIND SPEED, V_{ASD} = 83 MPH
- EXPOSURE "C"
- RISK CATEGORY II
- ENCLOSED STRUCTURE
- INTERNAL PRESSURE COEFFICIENT = ±0.18

FM GLOBAL WIND PRESSURES AND RATINGS:
- VERTICAL DESIGN PRESSURES FOR ROOF ELEMENTS:

AREA	ZONE 1'	ZONE 1	ZONE 2	ZONE 3
10 SF OR LESS	19.0 PSF	34.0 PSF	45.0 PSF	62.0 PSF

- HORIZONTAL DESIGN PRESSURES FOR WALL ELEMENTS:

AREA	ZONE 4	ZONE 5
10 SF OR LESS	22.0 PSF	27.0 PSF

ALL ABOVE-STEEL-DECK ROOF SYSTEM SHALL HAVE THE FOLLOWING MINIMUM FACTORY MUTUAL GLOBAL WIND UPLIFT RATINGS:

WIND SPEED	ROOF (ZONE 1')	ROOF (ZONE 1)	ROOF (ZONE 2)	ROOF (ZONE 3)
90 MPH	FM1 - 60	FM1 - 75	FM1 - 105	FM1 - 135

NOTES:
1. FM GLOBAL (FMG) HORIZONTAL AND VERTICAL WIND PRESSURES WERE GENERATED USING FMG DATA SHEET 1-28 WITH AN IMPORTANCE FACTOR OF 1.15.
2. WIND PRESSURES GENERATED FROM FMG DATA SHEET 1-28 ARE BASED ON ASCE 7-05 AND ARE SUPPLEMENTAL TO THE WIND SPEED AND CODES ADOPTED BY THE LOCAL JURISDICTION LISTED UNDER THE WIND LOADING SECTION ON THIS SHEET.
3. ALL ROOF AND WALL COMPONENTS, CLADDING, AND SECONDARY STRUCTURAL FRAMING MEMBERS SHALL BE DESIGNED WITH A SAFETY FACTOR OF 2.0 FOR THE FMG PRESSURES LISTED ABOVE.
4. LIMIT THE MAXIMUM EFFECTIVE WIND AREA TO 10 ft² AS PER FMG DATA SHEET 1-28.
5. THESE WIND PRESSURES SHALL BE USED FOR THE DESIGN OF EXTERIOR COMPONENT AND CLADDING MATERIALS NOT SPECIFICALLY DESIGNED AND DETAILED BY THE ENGINEER-OF-RECORD.

DESIGN LOADS:
- ROOF DEAD LOAD = 20 PSF
- ROOF LIVE LOAD = 20 PSF

SEISMIC DESIGN CRITERIA:
- SEISMIC IMPORTANCE FACTOR, I = 1.0
- RISK CATEGORY: = II
- MAPPED SPECTRAL ACCELERATIONS: S_s = 0.143; S_1 = 0.084
- SOIL SITE CLASS (PER SOILS REPORT): = C
- SPECTRAL RESPONSE COEFFICIENTS: S_{DS} = 0.124; S_{D1} = 0.084
- SEISMIC DESIGN CATEGORY: = B
- BASIC SEISMIC-FORCE-RESISTING SYSTEMS: ORDINARY REINFORCED CONCRETE SHEAR WALLS
- SEISMIC RESPONSE COEFFICIENT: C_s = 0.031
- RESPONSE MODIFICATION FACTOR: R = 4.0
- ANALYSIS METHOD: EQUIVALENT LATERAL FORCE PROCEDURE

SNOW LOADING:
- GROUND SNOW LOAD, P_g = 10 PSF
- MINIMUM FLAT ROOF SNOW LOAD, P_m = 10 PSF
- DESIGN FLAT ROOF SNOW LOAD, P_f (DRIFT) = 7 PSF + DRIFT
- DESIGN FLAT ROOF SNOW LOAD, P_f (BALANCED) = 12 PSF (INCLUDES RAIN ON SNOW)
- SNOW IMPORTANCE FACTOR, I = 1.0
- EXPOSURE FACTOR, C_e = 1.0
- THERMAL FACTOR, C_t = 1.0

STEEL RAILINGS

1. THE DESIGN OF ALL PRE-FABRICATED STEEL RAILINGS AND CONNECTIONS FOR THIS PROJECT SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED, EMPLOYED BY THE FABRICATOR.
2. HANDRAILS AND GUARDS SHALL BE DESIGNED FOR A 50 PLF LOAD APPLIED IN ANY DIRECTION AT THE TOP RAIL.
3. HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED FOR A CONCENTRATED LOAD OF 200 POUNDS, APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP. THIS LOAD IS NOT CONCURRENT WITH THE UNIFORM LOAD IN THE ABOVE PARAGRAPH.
4. INTERMEDIATE RAILS (COMPONENTS), BALUSTERS AND PANEL FILLERS (EXCEPT THE HANDRAIL) SHALL BE DESIGNED FOR A HORIZONTAL LOAD OF 50 POUNDS ON AN AREA OF 1 SQUARE FOOT, INCLUDING OPENINGS AND SPACE BETWEEN RAILS. THIS LOAD DOES NOT ACT CONCURRENTLY WITH THE UNIFORM OR CONCENTRATED LOADS IN THE ABOVE TWO PARAGRAPHS.
5. ALL SHOP DRAWINGS MUST BE SEALED BY THE FABRICATOR'S REGISTERED PROFESSIONAL ENGINEER. SHOP DRAWINGS SUBMITTED WITHOUT REQUIRED ENGINEER'S SEAL WILL NOT BE REVIEWED.

GENERAL REQUIREMENTS

1. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS; SLOPES AND LOCATION OF DEPRESSED FLOOR AREAS. COMPARE THE STRUCTURAL SECTIONS WITH THE ARCHITECTURAL PLANS AND SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLATION OF STRUCTURAL WORK.
2. PRINCIPAL OPENINGS THROUGH THE FRAME ARE SHOWN ON DRAWINGS. HOWEVER, EXAMINE ALL OTHER DRAWINGS SO AS TO PROVIDE EVERY OPENING REQUIRED NO MATTER WHERE IT IS SHOWN. VERIFY THE SIZE AND LOCATION REQUIREMENTS FOR ALL OPENINGS. UNLESS NOTED OTHERWISE, FRAME OPENINGS WITH L4 x 4 x 1/4 ANGLES. PIPE SLEEVES THROUGH ROOF DECK WILL NOT REQUIRE FRAMING UNLESS THE OPENING EXCEEDS 10" DIAMETER.
3. REPORT OPENINGS NOT STRUCTURALLY DETAILED THAT INTERFERE WITH FRAMING.
4. VERIFY EXACT LOCATION, CLEARANCE, SPACING AND OTHER REQUIREMENTS OF HANGERS AND FRAMING TO SUPPORT NON STRUCTURAL ITEMS PRIOR TO FABRICATING SUCH HANGERS OR FRAMING.
5. UNIT LOCATIONS, SIZES AND DESIGNATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE FOR INFORMATIONAL PURPOSES ONLY. REFER TO THE MEP DRAWINGS FOR ALL UNIT SPECIFICATIONS. NOTIFY ARCHITECT AND ENGINEER PRIOR TO SETTING OF ANY UNIT THAT DIFFERS OR DEVIATES FROM THE INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS, INCLUDING LOCATION, WEIGHT, OR QUANTITY. UNITS INSTALLED WITHOUT THE ENGINEER'S APPROVAL MAY REQUIRE RELOCATION OR STRENGTHENING OF THE STRUCTURE.
6. THESE DRAWINGS MAY BE REPRODUCED FOR SHOP DRAWING USE. SEALS, COMPANY TITLE BLOCKS, ETC. SHALL BE REMOVED. IN USING THESE DRAWINGS, THE CONTRACTOR/FABRICATOR SHALL TAKE FULL RESPONSIBILITY FOR THE CORRECTNESS OF ALL DIMENSIONS SHOWN. DO NOT SCALE THE DRAWINGS.
7. IF ELECTRONIC FILES ARE RELEASED BY THE ENGINEER-OF-RECORD TO THE CONTRACTOR OR SUB-CONTRACTOR THEN THE FOLLOWING ADDITIONAL LIMITATIONS APPLY: THE ELECTRONIC FILES ARE THE PROPERTY OF THE ENGINEER-OF-RECORD AND MAY NOT BE DUPLICATED OR USED FOR ANY PROJECT OTHER THAN STATED IN THE TITLE BLOCK. THE FILES MAY NOT BE MODIFIED WITHOUT THE PERMISSION OF THE ENGINEER-OF-RECORD. THE SIGNED/SEALED ORIGINAL TRACINGS OF THESE DRAWINGS GOVERN OVER THE CONTENT OF THE ELECTRONIC FILES. THE USER OF THE ELECTRONIC FILES SHALL INDEMNIFY AND HOLD THE ENGINEER-OF-RECORD HARMLESS FOR ANY SUBSEQUENT USE OR MODIFICATION OF THE ELECTRONIC FILES BEYOND THE ORIGINAL DESIGN AS SUBMITTED ON THE ORIGINAL SIGNED/SEALED TRACINGS.

TEMPORARY SUPPORT AND STABILITY OF STRUCTURAL STEEL FRAMING

1. THE STRUCTURAL STEEL FRAMING OF THIS BUILDING RELIES ON LATERAL-LOAD-RESISTING SYSTEMS AND CONNECTING DIAPHRAGM ELEMENTS TO PROVIDE FOR THE LATERAL STRENGTH AND STABILITY OF THE COMPLETED STRUCTURE.
2. THE FOLLOWING IS A SUMMARY OF THE LATERAL-LOAD-RESISTING SYSTEMS:
   CONCRETE TILT-WALL PANELS
   THE FOLLOWING IS A SUMMARY OF THE DIAPHRAGM ELEMENTS:
   METAL ROOF DECK
3. THE STEEL ERECTOR SHALL DETERMINE, FURNISH AND INSTALL ALL REQUIRED TEMPORARY BRACING AS REQUIRED TO SECURE THE STRUCTURAL STEEL FRAMING DURING CONSTRUCTION AND UNTIL ALL PORTIONS OF THE LATERAL-LOAD-RESISTING SYSTEMS AND THE DIAPHRAGM ELEMENTS HAVE BEEN INSTALLED AND PROPERLY TIED TOGETHER.
4. THE GENERAL CONTRACTOR SHALL SUPPLY THE STEEL ERECTOR WITH THE ANTICIPATED CONSTRUCTION SEQUENCE PRIOR TO BIDDING. FOR PROJECTS WHERE PORTIONS OR ALL OF THE LATERAL-LOAD-RESISTING SYSTEMS ARE NOT INCLUDED IN THE STEEL ERECTOR'S SCOPE OF WORK, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE STEEL ERECTOR THE RESPONSIBILITY FOR THE TEMPORARY BRACING OF THE OVERALL STRUCTURE.
5. ALL COSTS ASSOCIATED WITH THE DESIGN AND INSTALLATION OF TEMPORARY BRACING MUST BE INCLUDED IN THE CONTRACTOR'S PRICE.
6. THE GENERAL CONTRACTOR AND STEEL ERECTOR ARE RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE DURING CONSTRUCTION UNTIL ALL PORTIONS OF THE LATERAL-LOAD-RESISTING SYSTEM AND DIAPHRAGM ELEMENTS ARE COMPLETE AND ARE PROPERLY TIED TOGETHER AS SPECIFIED IN THE CONTRACT DRAWINGS AND SHOP DRAWINGS. IT IS ALSO THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND STEEL ERECTOR TO DETERMINE WHEN PORTIONS OF THE TEMPORARY BRACING MAY BE REMOVED. GENERAL CONTRACTOR AND ERECTOR SHALL FOLLOW ALL APPLICABLE REQUIREMENTS OF OSHA'S STEEL ERECTION STANDARDS FOR CONSTRUCTION (LATEST VERSION) AND AISC'S "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" (LATEST VERSION).

SUBMITTALS-SHOP DRAWINGS

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR THE FOLLOWING ITEMS:
   A. CONCRETE MIX DESIGNS
   B. REINFORCING STEEL IN CONCRETE ELEMENTS
   C. STRUCTURAL STEEL
   D. STEEL JOISTS AND JOIST GIRDERS
   E. MISCELLANEOUS STEEL
   F. EMBEDDED ITEMS IN CONCRETE
   G. CAST-IN-PLACE ANCHORS
   H. POST-INSTALLED ANCHORS
   I. ROOF METAL DECK LAYOUT AND ATTACHMENT
   J. TILT WALL PANEL LIFTING BOOKS (LIFTING INSERTS AND LIFTING REINFORCING)
   K. PRE-FABRICATED CANOPY OR AWNING FRAMING
2. ALL SHOP DRAWINGS MUST BE REVIEWED AND STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTING TO THE ARCHITECT AND ENGINEER.
3. THE CONTRACTOR SHALL SUBMIT ELECTRONIC COPIES OF ALL SHOP DRAWINGS VIA EMAIL FOR REVIEW BY THE ARCHITECT AND ENGINEER.
4. THE OMISSION FROM THE SHOP DRAWINGS OF ANY ITEMS REQUIRED BY THE CONTRACT DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR THE RESPONSIBILITY OF FURNISHING AND INSTALLING SUCH ITEMS, REGARDLESS OF WHETHER THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED.

STRUCTURAL TESTS AND SPECIAL INSPECTIONS

1. REFER TO THE REFERENCED BUILDING CODE FOR ADDITIONAL INFORMATION, DEFINITIONS AND TESTING REFERENCES REGARDING SPECIAL INSPECTIONS.
2. THE OWNER SHALL HIRE ONE OR MORE SPECIAL INSPECTORS TO PROVIDE THE SPECIAL INSPECTIONS DURING CONSTRUCTION FOR THE FOLLOWING TYPES OF STRUCTURAL WORK:
   A. STRUCTURAL STEEL
   B. CAST-IN-PLACE CONCRETE
   C. CMU MASONRY
   D. SOILS AND FOUNDATION ELEMENTS
   E. OTHER ITEMS AS SPECIFIED BELOW OR IN THE SPECIFICATIONS
3. REFER TO THE ARCHITECTURAL AND MEP ENGINEERS DRAWINGS AND/OR SPECIFICATIONS FOR ADDITIONAL ITEMS OF A NON-STRUCTURAL NATURE REQUIRING SPECIAL INSPECTIONS. THIS SECTION IS LIMITED ONLY TO STRUCTURAL PORTIONS OF THE PROJECT. THIS SECTION DOES NOT COVER STANDARD INSPECTIONS TO BE PERFORMED BY THE BUILDING OFFICIAL OR PERIODIC SITE VISITS/OBSERVATIONS MADE BY REPRESENTATIVES OF THE ENGINEER-OF-RECORD.
4. THE SPECIAL INSPECTOR FOR THE LISTED STRUCTURAL ITEMS SHALL BE A QUALIFIED TESTING LAB OR GEOTECHNICAL ENGINEER QUALIFIED TO INSPECT THE PARTICULAR TYPE OF CONSTRUCTION REQUIRING THE SPECIAL INSPECTION..
5. THE OWNER SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE SPECIAL INSPECTIONS LISTED IN THIS SECTION, EXCEPT FOR ADDITIONAL INSPECTIONS REQUIRED DUE TO NON-CONFORMANCE OF WORK. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR ADDITIONAL COSTS INCURRED IF THE SPECIAL INSPECTOR MAKES ADDITIONAL TRIPS, REPORTS, ETC. FOR WORK FOUND TO BE NON-CONFORMING TO THE APPROVED CONSTRUCTION DOCUMENTS.
6. THE SPECIAL INSPECTOR(S) SHALL OBSERVE THE WORK TO ASCERTAIN TO THE BEST OF HIS/HER KNOWLEDGE AND BELIEF WHETHER THE WORK IS IN CONFORMANCE WITH THE APPROVED CONTRACT DRAWINGS AND SPECIFICATIONS OR NOT.
7. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTOR(S) AND THE ENGINEER-OF-RECORD AT LEAST 72 HOURS BEFORE COMMENCING ANY NEW TYPE OF STRUCTURAL WORK COVERED BY THIS SPECIAL INSPECTION SECTION. DURING THE ONGOING CONSTRUCTION OF A PARTICULAR TYPE OF STRUCTURAL WORK, THE NOTICE TIME MAY BE REDUCED TO 24 HOURS. THE GENERAL CONTRACTOR SHALL KEEP THE OWNER, ARCHITECT AND THE ENGINEER-OF-RECORD INFORMED OF ANY SCHEDULING PROBLEMS OR DIFFICULTIES.
8. THE SPECIAL INSPECTOR(S) SHALL FURNISH COPIES OF ALL INSPECTION REPORTS TO THE ENGINEER-OF-RECORD RESPONSIBLE FOR THE PORTION OF THE WORK BEING REVIEWED, THE ARCHITECT, GENERAL CONTRACTOR AND THE BUILDING OFFICIAL. ALL REPORTS SHALL INCLUDE THE NAME(S) OF THE INDIVIDUAL AND COMPANY PERFORMING THE SPECIAL INSPECTIONS, AS WELL AS THE DATE OF EACH INSPECTION, ITEMS REVIEWED, AREA OF EACH ITEM RELATIVE TO SPECIFIC GRID LINES OR FLOOR LEVELS AND ANY DISCREPANCIES BETWEEN THE OBSERVED WORK AND APPROVED CONSTRUCTION DOCUMENTS.
9. IF ANY DISCREPANCIES OR DEFICIENCIES ARE NOTED, THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE GENERAL CONTRACTOR (IN THE SAME DAY AS THE INSPECTION IF POSSIBLE AND BEFORE THE INSPECTOR LEAVES THE SITE). THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR RELAYING THESE FINDINGS TO THE APPROPRIATE SUB-CONTRACTOR AND SHALL BE RESPONSIBLE FOR DIRECTING AND COORDINATING ALL CORRECTIVE ACTIONS NECESSARY TO CORRECT THE DISCREPANCIES OR DEFICIENCIES. THE SPECIAL INSPECTOR SHALL ALSO NOTIFY THE ARCHITECT AND ENGINEER WITHIN 24 HOURS, EITHER BY EMAIL OR PHONE CALL, AND WHAT CORRECTIVE ACTION WAS TAKEN, IF ANY AT THAT POINT. IN THE GENERAL CONTRACTOR IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT CORRECTIVE ACTION IS TAKEN IN A TIMELY MANNER.
10. THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER-OF-RECORD AND/OR THE ARCHITECT IF THERE ARE ANY QUESTIONS REGARDING THE PROPER CORRECTIVE ACTION TO BE TAKEN BASED ON THE SPECIAL INSPECTOR'S REPORTS AND RECOMMENDATIONS.
11. AT THE COMPLETION OF EACH TYPE OF STRUCTURAL WORK, THE SPECIAL INSPECTOR SHALL SUBMIT A SIGNED REPORT CERTIFIED BY A LICENSED ENGINEER IN THE STATE OF THE PROJECT. THE REPORT SHALL STATE WHETHER THE INSPECTED WORK WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND WHETHER THE INSPECTED WORK WAS PERFORMED IN A WORKMANLIKE MANNER.
12. THE FOLLOWING IS A SUMMARY OF THE PERIODIC AND CONTINUOUS SPECIAL INSPECTIONS REQUIRED FOR THIS PROJECT. REFER TO THE BUILDING CODE FOR ADDITIONAL REFERENCES, IF NEEDED.

STEEL CONSTRUCTION (BASED ON 2018 IBC 1705.2)

1. MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS AND WASHERS. (PERIODIC))
2. HIGH STRENGTH BOLTING INSTALLATION - BEARING BOLTS (PERIODIC) AND SLIP CRITICAL BOLTS (CONTINUOUS - INSPECT 100 PERCENT OF BOLTS)
3. WELDING INSPECTIONS OF STRUCTURAL STEEL.
   A. COMPLETE AND PARTIAL PENETRATION WELDS (CONTINUOUS - INSPECT 100 PERCENT OF WELDS)
   B. FILLET WELDS AND FILLETS WELDS LARGER THAN 5/16" (CONTINUOUS- INSPECT 100 PERCENT OF WELDS)
   C. SINGLE-PASS FILLET WELDS 5/16" IN SIZE OR SMALLER (PERIODIC)
4. STEEL CONNECTIONS (INCLUDING ANY SPECIAL BRACING, STIFFENERS, MEMBER LOCATIONS AND BOLTING) - (PERIODIC)
5. FABRICATOR SHOP INSPECTIONS (PERIODIC) ARE REQUIRED AT ANY FABRICATOR SHOP THAT HAS NOT BEEN REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION.

CAST-IN-PLACE CONCRETE CONSTRUCTION (BASED ON 2018 IBC 1705.3)

1. INSPECTION OF ALL REINFORCING STEEL (INCLUDING SIZES, QUANTITIES AND PLACEMENT) - (PERIODIC)
2. INSPECTION OF ANY WELDING OF REINFORCING STEEL, INCLUDING DEFORMED BAR ANCHORS (CONTINUOUS)
3. INSPECT BOLTS OR ANCHORS INSTALLED IN CONCRETE PRIOR TO OR DURING THE PLACEMENT OF THE CONCRETE, INCLUDING SIZE, QUANTITY, LENGTH AND LAYOUT (PERIODIC)
4. VERIFY THE USE OF THE APPROVED CONCRETE DESIGN MIX (PERIODIC)
5. SAMPLING OF FRESH CONCRETE, PERFORMING SLUMP/AIR CONTENT/TEMPERATURE TESTS AND MAKING OF CONCRETE CYLINDERS FOR STRENGTH TESTS (CONTINUOUS)
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TECHNIQUES AND TEMPERATURES (PERIODIC)
7. VERIFICATION OF CONCRETE STRENGTH PRIOR TO REMOVAL OF ANY SHORES OR FORMS FOR ELEVATED CONCRETE BEAMS OR SLABS, AND PRIOR TO LIFTING OF ANY TILT-WALL PANELS (CONTINUOUS- FOR ALL POUR CONDITIONS)

SOILS AND SUBGRADE AND FOUNDATIONS (BASED ON 2018 IBC 1705.6)

1. PRIOR TO PLACEMENT OF ANY FILL, VERIFY THAT SITE HAS BEEN PREPARED IN ACCORDANCE WITH THE APPROVED GEOTECHNICAL REPORT.
2. DURING PLACEMENT AND COMPACTION OF FILL MATERIAL, DETERMINE THAT THE MATERIALS USED AND THE MAXIMUM LIFT THICKNESS COMPLY WITH THE APPROVED GEOTECHNICAL REPORT.
3. VERIFY THAT THE IN-PLACE DRY DENSITY OF THE COMPACTED FILL COMPLIES WITH THE APPROVED GEOTECHNICAL REPORT.

OTHER STRUCTURAL COMPONENTS

1. SPREAD FOOTINGS: PROVIDE CONTINUOUS INSPECTION OF ALL SPREAD FOOTINGS. OBSERVE DEPTH OF FOOTING BELOW GRADE. VERIFY SOILS BEARING CONDITIONS WITH SOILS REPORT. VERIFY FOOTING SIZE AND DEPTH. VERIFY CLEANNESS OF EXCAVATION. VERIFY REINFORCING STEEL SIZE AND PLACEMENT. VERIFY PROPER VIBRATION OF PLACED CONCRETE. VERIFY SIZE AND PLACEMENT OF ANY EMBEDDED ITEM (FOR EXAMPLE ANCHOR RODS) AND SAMPLE FRESH CONCRETE PER THE SECTION ABOVE.
2. ROOF DECK ATTACHMENTS (CONTINUOUS).

FOUNDATION AND EARTHWORK

1. THE CONTRACTOR SHALL NOT CONSIDER THE PROJECT GEOTECHNICAL REPORT AN ELEMENT OF THE CONTRACT DOCUMENTS BUT SHOULD ADHERE TO RECOMMENDATIONS THEREIN.
2. SEE THE CURRENT PROJECT BASIS GEOTECHNICAL REPORT (GEOTECHNICAL ENGINEERING REPORT PROJECT NO. 22-15050 DATED MAY 27, 2022) FOR SUBGRADE PREPARATION.
3. PER THE PROJECT GEOTECHNICAL REPORT, FOOTINGS HAVE BEEN DESIGNED FOR A NET ALLOWABLE BEARING PRESSURE OF 1,850 PSF FOR SPREAD FOOTINGS AND 1,500 PSF FOR CONTINUOUS FOOTINGS. EXTERIOR FOOTINGS SHALL BEAR A MINIMUM DEPTH OF 1-6" BELOW THE LOWEST ADJACENT FINISHED GRADE.
4. BEARING ELEVATIONS FOR BOTTOM OF FOOTINGS SHALL BE VERIFIED WITH FIELD CONDITIONS. THE FOOTINGS SHALL BEAR AT A SOILS STRATA RECOMMENDED IN THE GEOTECHNICAL REPORT. WHEN SOFT OR UNSUITABLE SOILS ARE ENCOUNTERED AT SPECIFIED BEARING STRATA, THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED.
5. FOOTINGS SHALL BE POURED AS SOON AS POSSIBLE AFTER EXCAVATION, CLEAN-OUT, INSPECTION AND INSTALLATION OF STEEL/DOWELS/ANCHOR BOLTS. NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST 24 HOURS PRIOR TO DIGGING OF FOOTINGS TO SCHEDULE SITE VISITS. PROPER SOIL BEARING SHALL BE VERIFIED BY THE GEOTECHNICAL ENGINEER OR TESTING LAB PRIOR TO POURING EACH FOOTING.
6. SLAB-ON-GRADE SHALL BE PLACED OVER LOW VOLUME CHANGE MATERIAL AND VAPOR BARRIER AS SPECIFIED ON DRAWINGS/SPECIFICATIONS AND AS SPECIFIED IN THE GEOTECHNICAL REPORT.
7. WALLS RETAINING EARTH SHALL BE PROPERLY SHORED PRIOR TO AND DURING BACKFILLING.

VAPOR BARRIER

1. PROVIDE VAPOR BARRIER, INCLUDING WATERPROOF SEAM TAPE, AND MASTIC UNDER ALL BUILDING SLAB AREAS.
2. VAPOR BARRIER USED UNDER TYPICAL BUILDING SLAB AREAS SHALL BE FROM ONE OF THE FOLLOWING MANUFACTURERS:
   A. STEGO WRAP BY STEGO INDUSTRIES, LLC.
   B. GRIFFOLYN GREEN BY REEF INDUSTRIES.
   C. XTREME VAPOR BARRIER BY TEX-TRUDE.
   D. NO SUBSTITUTIONS TO THE MANUFACTURERS LISTED ABOVE ARE PERMITTED.
   E. VAPOR BARRIER MUST BE 15 MIL PRODUCT MEETING THE FOLLOWING PERFORMANCE BASED QUALITIES LISTED BELOW:
   F. PRODUCT SHALL HAVE A PERMEANCE OF LESS THAN 0.01 PERMS (grains/(ft^2 hr inHg) AS TESTED IN ACCORDANCE WITH ASTM E 1745 SECTION 7.
   G. PRODUCT SHALL HAVE A STRENGTH PER ASTM E-1745, CLASS A OR BETTER.
   H. PRODUCT SHALL HAVE A MINIMUM THICKNESS OF 15 MILS.
3. FOLLOW ALL MANUFACTURERS INSTRUCTIONS FOR INSTALLATION, INCLUDING THE FOLLOWING:
   A. ENSURE THAT THE BASE MATERIAL HAS BEEN APPROVED BY THE OWNER'S TESTING LAB OR GEOTECHNICAL ENGINEER.
   B. START VAPOR BARRIER UNDER PERIMETER GRADE BEAMS AND THEN EXTEND OVER SUBGRADE. VAPOR BARRIER SHALL RUN PARALLEL WITH THE DIRECTION OF THE CONCRETE PLACEMENT.
   C. LAP ALL EDGES (SIDES AND ENDS) A MINIMUM OF 6" AND SEAL CONTINUOUSLY WITH MANUFACTURER'S RECOMMENDED TAPE. WHERE SLAB IS INSTALLED ON TOP OF CONCRETE FOOTINGS EXTEND VAPOR BARRIER 3" ONTO CONCRETE SURFACES.
   D. REPAIR ALL PUNCTURES OR TEARS PRIOR TO CONCRETE POUR. LAP PATCHES OVER THESE AREAS A MINIMUM OF 6" AND TAPE ALL EDGES.
   E. SEAL ALL PENETRATIONS, INCLUDING PIPES, PER MANUFACTURER'S INSTRUCTIONS.
   F. ANY ELECTRICAL CONDUITS SHALL BE PLACED ABOVE THE VAPOR BARRIER AND SHALL BE FULLY ENCASED IN CONCRETE. PROVIDE A MINIMUM OF 1 1/2" COVER OF CONCRETE BENEATH THE CONDUITS. SUPPORT ALL CONDUITS USING PLATED CHAIRS OR BY TYING TO THE SLAB-ON-GRADE REINFORCING STEEL.
   G. FOR APPLICATIONS WITH FORMED VOIDS BENEATH THE SLAB PROVIDE MANUFACTURER'S RECOMMENDED METHOD TO BOND BARRIER TO UNDERSIDE OF CONCRETE SURFACE.

CONCRETE

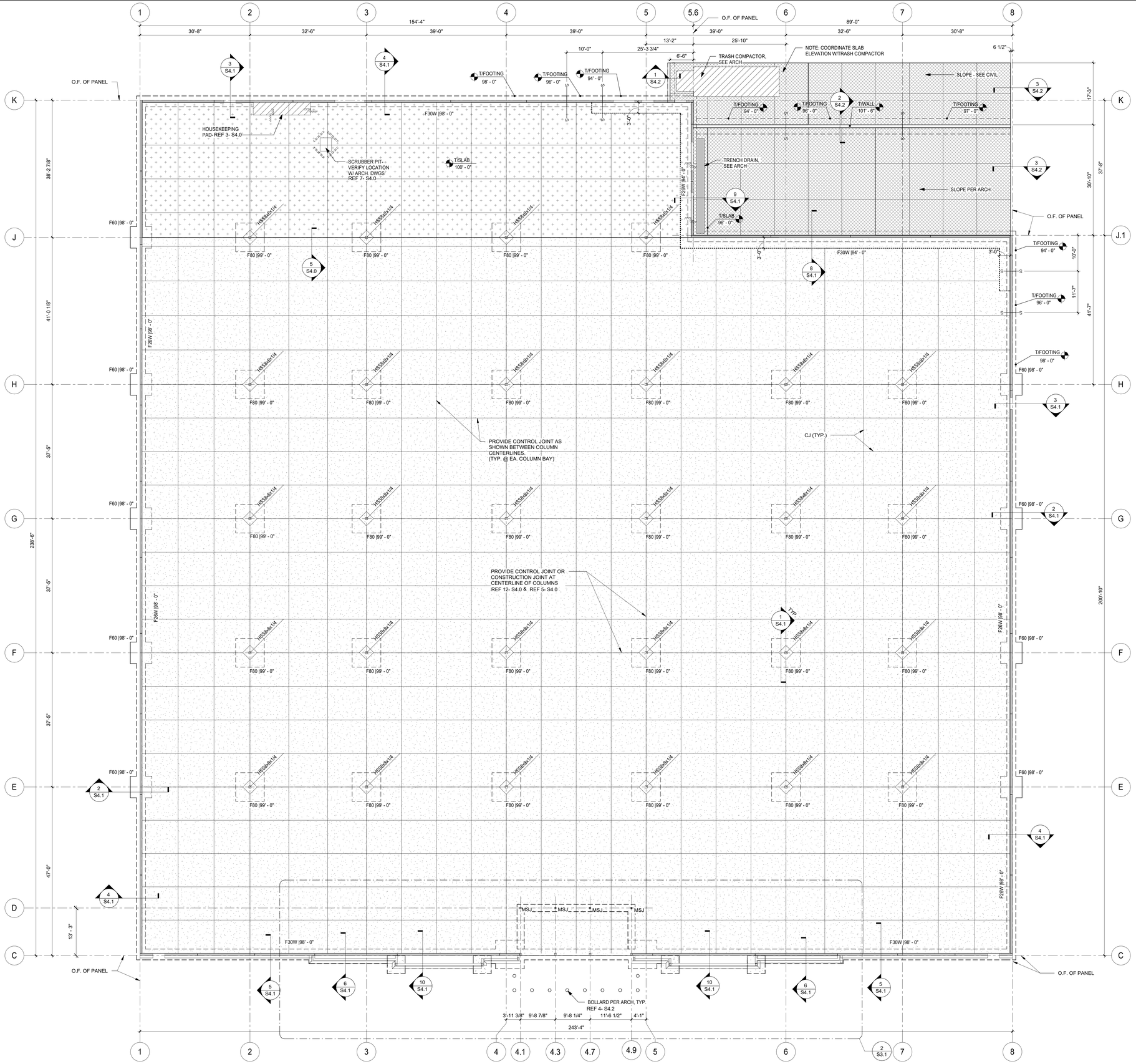
1. CONCRETE SHALL BE NORMAL WEIGHT (UNLESS NOTED OTHERWISE). CONCRETE WORK SHALL CONFORM TO ACI 301-CURRENT EDITION.
2. MINIMUM COMPRESSION STRENGTHS AT 28 DAYS:
   A. ALL CONCRETE, UNLESS NOTED OTHERWISE - 3000 PSI (MAX. 1 1/2" AGGREGATE, UNO)
   B. CONCRETE FLOOR SLABS ON GRADE - 3500 PSI (MAX. 1 1/2" AGGREGATE)
   C. LOADING DOCK SLAB ON GRADE - 4000 PSI (MAX. 1 1/2" AGGREGATE)
   D. SITE-CAST TILT-WALL PANELS - 3000 PSI (MAX. 1" AGGREGATE)
   E. CONCRETE PANEL POUR STRIP - SAME CONCRETE AS FLOOR
3. MAXIMUM WATER TO CEMENT RATIO (W/C) OF ALL CONCRETE SHALL BE 0.53.
4. AGGREGATES FOR USE IN CONCRETE SLAB SHALL MEET THE AGGREGATE AND GRADING REQUIREMENTS OF ACI 301.2.
5. FLY ASH, WHERE USED, MAY BE SUBSTITUTED FOR PORTLAND CEMENT IN QUANTITIES NOT TO EXCEED 20 PERCENT BY ASH BY MASS OF CEMENTITIOUS MATERIALS. ON THIS PROJECT FLY ASH IS ONLY ALLOWED IN SITE CONCRETE AND FOUNDATION CONCRETE. FLY ASH IS NOT ALLOWED IN CONCRETE FOR THE SLAB-ON-GRADE AND TILT WALL PANELS.
6. CONCRETE FOR TROWEL-FINISHED INTERIOR CONCRETE FLOORS MADE WITH NORMAL WEIGHT AGGREGATES SHOULD NOT INCLUDE AN AIR-ENTRAINING ADMIXTURE. MAXIMUM ENTRAPPED AIR CONTENT FOR FLOOR CONCRETE SHALL BE 3 PERCENT.
7. CONCRETE FOR TILT-WALL PANELS SHALL NOT INCLUDE AN AIR-ENTRAINING ADMIXTURE. MAXIMUM ENTRAPPED AIR CONTENT FOR TILT-WALL PANELS SHALL BE 3 PERCENT.
8. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED FOR HORIZONTAL CONCRETE MEMBERS.
9. UNLESS NOTED OTHERWISE ON CONSTRUCTION DOCUMENTS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULKHEADS.
10. PROPERLY CONSOLIDATE ALL CAST-IN-PLACE CONCRETE USING VIBRATORS DURING PLACEMENT. VIBRATE ALL CONCRETE INCLUDING THE TOP FIVE FEET OF DRILLED PIERS, FOOTINGS, GRADE BEAMS, SLABS, WALLS, COLUMNS, ETC. VIBRATE ALL CONCRETE SUCH THAT NO COLD JOINTS OR HONEYCOMBING (VOIDS) ARE PRESENT IN THE FINISHED CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COST OF ANY STRUCTURAL REPAIRS TO CONCRETE DUE TO IMPROPER PLACEMENT. THE CONTRACTOR MUST PROVIDE THE ENGINEER-OF-RECORD WITH PROPOSED REPAIR MATERIALS PRIOR TO COMMENCEMENT OF ANY STRUCTURAL REPAIR WORK. THE ENGINEER MUST APPROVE IN WRITING THE PROPOSED PRODUCTS. NOTIFY THE ARCHITECT FOR ADDITIONAL INSTRUCTIONS AT ANY CONDITIONS WHERE STRUCTURAL OR COSMETIC REPAIRS ARE NECESSARY TO EXPOSED CAST-IN-PLACE CONCRETE (E.G. SLABS, WALLS, ETC.)
11. PROVIDE TWO #4 x 4'-0" LONG DIAGONAL BARS CENTERED IN SLAB AT ALL RE-ENTRANT CORNERS.

MASONRY

1. ALL CONCRETE MASONRY UNITS SHALL BE LIGHTWEIGHT ABOVE FINISHED FLOOR AND NORMAL WEIGHT BELOW GRADE. ALL HOLLOW CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE 1 WITH A MINIMUM ULTIMATE COMPRESSIVE PRISM STRENGTH (F'M) OF 2,000 PSI FOR THE MASONRY ASSEMBLAGE.
2. MORTAR AT EXTERIOR WALLS, ALL LOAD-BEARING WALLS AND WALLS BELOW GRADE SHALL BE TYPE S MORTAR. MORTAR AT MASONRY VENEER SHALL BE TYPE N MORTAR. ALL MORTAR SHALL CONFORM TO ASTM C270. MASONRY CEMENT SHALL NOT BE USED FOR MORTAR.
3. ALL GROUT SHALL BE CONCRETE & HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI. MAXIMUM AGGREGATE DIAMETER SHALL BE 3/8" AND SLUMP SHALL BE 8"-11"
4. HORIZONTAL JOINT REINFORCEMENT SHALL BE LADDER TYPE CONFORMING TO ASTM A951 AND SPACED AT 16" O.C. MAX PER TMS 402.
5. ALL BOLTS, ANCHORS, REINFORCEMENT AND EMBEDDED ITEMS SHALL BE GROUTED IN PLACE.

POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING ANY POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MIS-PLACED CAST-IN-PLACE ANCHORS.
2. CARE SHALL BE TAKEN WHEN INSTALLING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH EXISTING REBAR.
3. HOLES SHALL BE DRILLED AND CLEANED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.
4. PROVIDE SPECIAL INSPECTION FOR ALL MECHANICAL AND ADHESIVE ANCHORS PER THE APPLICABLE ICC REPORT.
5. SUBMITTALS FOR POST-INSTAL



1 FOUNDATION PLAN
3/32" = 1'-0"

FOUNDATION PLAN NOTES

1. 4 1/2" SLAB-ON-GRADE CONSTRUCTION: 4 1/2" CONCRETE SLAB REINFORCED W/ #3 @ 16" O.C. EACH WAY ON 15 MIL VAPOR BARRIER OVER CRUSHED STONE TO CERTIFIED PAD. PLACE REINFORCEMENT 2" FROM TOP OF SLAB.
2. 5" SLAB-ON-GRADE CONSTRUCTION: 5" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. EACH WAY ON 15 MIL VAPOR BARRIER OVER CRUSHED STONE TO CERTIFIED PAD. PLACE REINFORCEMENT 2" FROM TOP OF SLAB.
3. 7" SLAB-ON-GRADE CONSTRUCTION: 7" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. OVER 6" LAYER OF CRUSHED STONE. PLACE REINFORCEMENT 3 1/2" FROM TOP OF SLAB.
4. SEE DWG. S1.0 FOR GENERAL NOTES & TYPICAL DETAILS.
5. SEE THIS DWG. FOR FOOTING SCHEDULE.
6. CENTER COLUMN FOOTINGS UNDER COLUMN, (U.N.O.).
7. ALL ELEVATIONS BASED ON FINISH FLOOR EL. 100'-0". REF CIVIL FOR ACTUAL FINISH FLOOR ELEVATION.
8. TOP OF FOOTING ELEVATION 98'-0", TYPICAL, (U.N.O.).
9. CONTROL JOINT OR CONSTRUCTION JOINT REF 1- 5- S4.0 , 2- 12- S4.0, & 3- 11- S4.0
10. SEE ARCH. DWGS. FOR DIMENSIONS NOT SHOWN.
11. COORDINATE DOOR LOCATIONS WITH ARCH. DWGS.
12. COORDINATE LOCATIONS OF PLUMBING LINES W/ PLUMBER PRIOR TO POURING FOOTINGS & SLAB-ON-GRADE.
13. ALL CUTS/PENETRATIONS IN THE SLAB TO BE EXECUTED WITH SMOOTH CLEAN EDGES. ANY SLAB PENETRATIONS THAT ARE NON-UNIFORM OR JAGGED TO BE RECUT TO A UNIFORM, SMOOTH CLEAN EDGE, TYP.
14. SEE ARCH. DWGS. FOR EXTERIOR RAMPS, STOOPS AND STAIRS.
15. COORDINATE LOCATIONS OF CONDUIT FOR EAS SYSTEM W/ ELECTRICAL.

LEGEND

- FOOTING MARK (SEE FTG. SCHED. ON THIS SHEET) — F1 |98'-0"
- TOP OF FOOTING ELEVATION
- DENOTES LIMITS OF INTERIOR 4 1/2" SLAB-ON-GRADE (SEE PLAN NOTE #1)
- DENOTES LIMITS OF INTERIOR 5" SLAB-ON-GRADE AT RECEIVING AREA (SEE PLAN NOTE #2)
- DENOTES LIMITS OF EXTERIOR 7" SLAB-ON-GRADE (SEE PLAN NOTE #3)
- DENOTES LIMITS OF HOUSEKEEPING PAD AT ELECTRICAL PANEL
- DENOTES TILT-UP CONCRETE PANEL
- DENOTES CONCRETE WALL @ DOCK
- DENOTES STEPPED FTG., REF 10- S4.0
- DENOTES LOCATION OF PERIMETER POUR-BACK STRIP
- DENOTES (2) #4 x 4'-0" LG. CTR'D. IN SLAB
- CJ — DENOTES CONTROL JOINT
- CSJ — DENOTES CONSTRUCTION JOINT
- DENOTES SLAB ELEVATION CHANGE

CONTRACTOR POUR-BACK STRIP NOTE:
CONTRACTOR MUST MAKE NOTE OF EXTERIOR WALL FOOTING DEPTH IN RELATION TO THE REQUIRED POUR-BACK STRIP WIDTH SHOWN ON THE PLAN AND PROVIDE SHORING AS REQUIRED.

CONTRACTOR CRANE NOTE:
NEITHER THE BUILDING SLAB NOR THE TILT-UP PANELS HAVE BEEN DESIGNED TO SUPPORT CRANE LOADING. CONTRACTOR IS FULLY RESPONSIBLE FOR PROTECTING THE SLAB AND TILT-UP PANELS FROM AESTHETIC AND STRUCTURAL DAMAGE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION. UNDER NO CIRCUMSTANCES SHALL CRANES BE PLACED ON UNPROTECTED BUILDING SLABS OR TILT-UP PANELS.

COLUMN SCHEDULE

COLUMN SIZE	BASE PL SIZE t x B x D	BASE PL TYPE (SEE DTL. 8/S4.0)	ANCHOR RODS (SEE DTL. 6/S4.0)	BOTT. BASE PL EL.	CAP PL THICKNESS
HSS8 x 6 x 1/2	1" x 15" x 17"	II	(4) 1" DIA.	98'-2"	3/4"
HSS8 x 8 x 1/4	1" x 17" x 17"	I	(4) 1" DIA.	99'-2"	3/4"

WALL FOOTING SCHEDULE

FOOTING MARK	WIDTH	THICKNESS	REINFORCING
F20W	2' - 0"	1' - 0"	(3) #5 CONT. BOT
F26W	2' - 6"	1' - 4"	(3) #5 CONT. BOT & #4 @ 12" OC TRANSVERSE BOT.
F30W	3' - 0"	1' - 4"	(4) #5 CONT. BOT & #4 @ 12" OC TRANSVERSE BOT.

FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE B x L x t	REINFORCING
F50-U	5'-0" x 5'-0" x 2'-0"	(7) #5 EA. WAY TOP & BOTTOM
F60	6'-0" x 6'-0" x 1'-4"	(7) #5 EA. WAY BOTTOM
F80	8'-0" x 8'-0" x 2'-0"	(10) #6 EA. WAY TOP & BOTTOM

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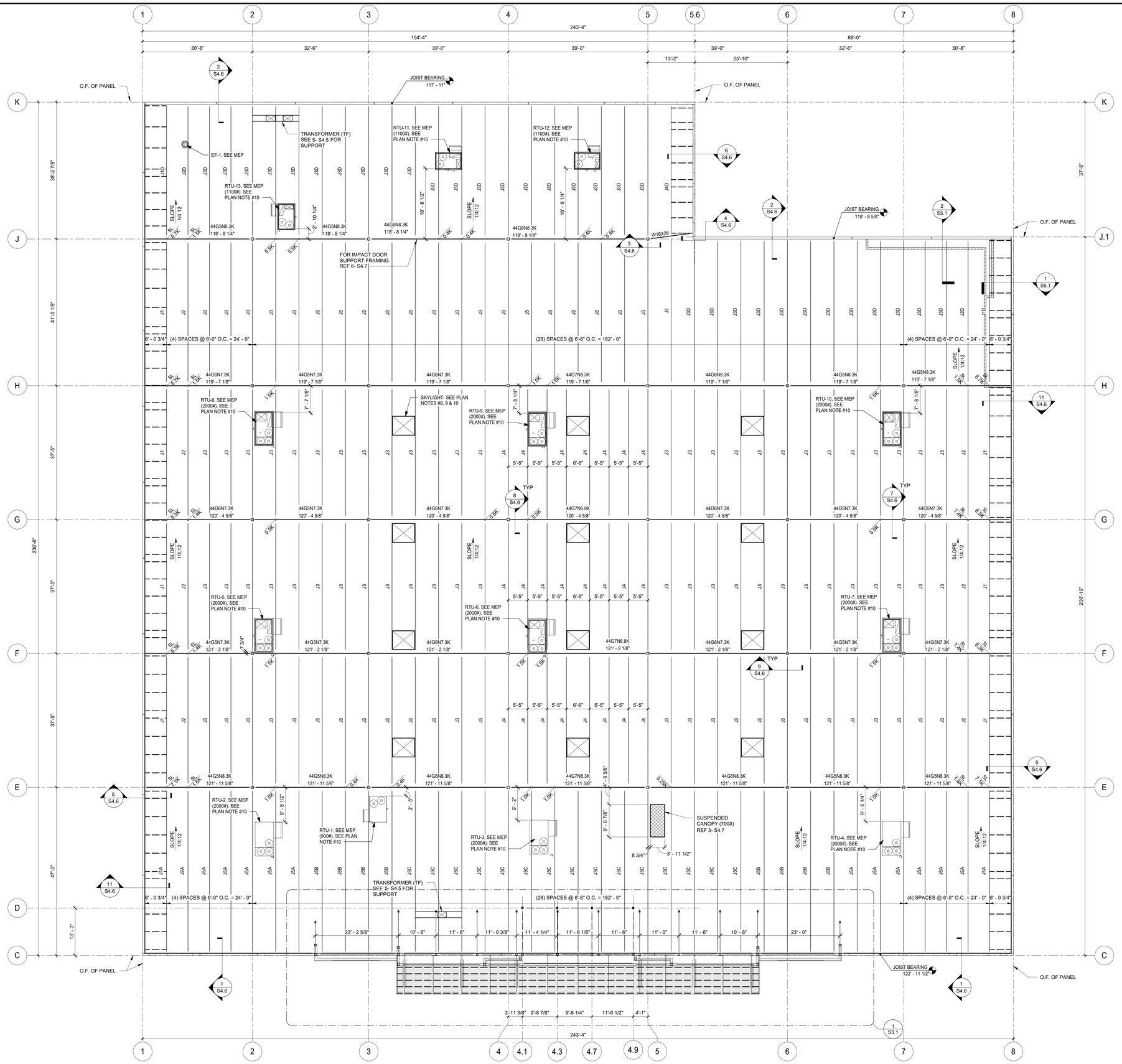
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LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

Professional of Record:
Michael Thomas Lee
License No.: 20482
Exp. Date: 12/31/26

DOCUMENTS THAT DO NOT HAVE THE ARCHITECT OR ENGINEER OF RECORD SEAL AND SIGNATURE SHALL BE CONSIDERED NOT FOR CONSTRUCTION

FOUNDATION PLAN

SHEET: S2.0

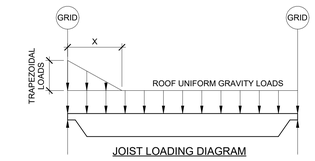


ROOF FRAMING PLAN NOTES

1. ROOF DECK: 1 1/2" DEEP, 20 GAUGE TYPE B DECK, GALVANIZED WIDE RIB STEEL DECK. (SEE STEEL DECK GENERAL NOTES FOR ATTACHMENT REQUIREMENTS).
2. TOP OF STEEL DENOTES TOP OF MAIN STEEL.
3. TOP OF STEEL EL. VARIES- SEE PLAN.
4. TOP OF JOIST EL. (+5"), UNLESS NOTED OTHERWISE.
5. ALL ELEVATIONS BASED ON FINISH FLOOR EL. 100'-0". REF CIVIL FOR ACTUAL FINISH FLOOR ELEVATION.
6. SEE DWG. S1.0 FOR GENERAL NOTES.
7. SEE FOUNDATION PLAN & ARCHITECTURAL DWGS. FOR DIMENSIONS NOT SHOWN.
8. COORDINATE SIZE AND LOCATION OF SKYLIGHT OPENINGS WITH ARCH. DRAWINGS.
9. COORDINATE JOIST BRIDGING LOCATIONS WITH SKYLIGHT LOCATIONS TO CLEAR SKYLIGHTS. (REF 1- S4.5 FOR MORE INFORMATION).
10. SEE 3- S4.5 & 10- S4.5 FOR SKYLIGHT FRAMING.
11. SEE 3- S4.5 & 4- S4.5 FOR RTU & ROOF OPENING FRAMING.

LEGEND

JBE	DENOTES JOIST BEARING ELEVATION
J1	DENOTES JOIST MARK. SEE JOIST SCHEDULE ON THIS SHEET.
1.0K	DENOTES ADDITIONAL CONCENTRATED DEAD LOAD FROM MECHANICAL EQUIPMENT
SL 6.2K	DENOTES ADDITIONAL CONCENTRATED LOAD FROM SNOW DRIFT
	DENOTES LIMITS OF 1 1/2" ROOF DECK (SEE PLAN NOTE #1)
	DENOTES LIMITS OF CANOPY ROOF DECK (REF 9- S5.3)
SLOPE 1/4:12	DENOTES DIRECTION & PITCH OF ROOF SLOPE (COORD. W/ ARCH.)
	DENOTES FRAMED OPENING IN ROOF- COORDINATE SIZE & LOCATION WITH MECH. CONTRACTOR REF 3- S4.5
(3000#)	DENOTES EQUIPMENT WEIGHT IN POUNDS
	DENOTES TILT-UP CONCRETE PANEL
	DENOTES FRAMED ROOF OPENING FOR SKYLIGHTS- COORDINATE SIZE & LOCATION WITH ARCH. (SEE DTLS. 3- S4.5 AND11- S4.5)
	DENOTES DIAGONAL HSS5 x 5 x 1/4 KICKER
MSJ	DENOTES METAL STUD JAMB
B2	DENOTES HSS5 x 3 x 1/4
D1	DENOTES HSS8 x 3 x 1/4
R1	DENOTES HSS10 x 6 x 1/4
	DENOTES L3 x 3 x 1/4 WALL BRACE @ EA. EMBED PL



JOIST LOADING DIAGRAM

JOIST SCHEDULE

MARK	DEPTH	TYPE	UNIFORM GRAVITY LOADS (PLF)			TRAPEZOIDAL LOADS (PLF)	
			ROOF DEAD	ROOF LIVE	SNOW LOAD	SNOW DRIFT	X (FT)
J1	28"	KSP	117	130	149	286	12.5
J2	28"	KSP	117	130	78	286	12.5
J3	28"	KSP	117	130	78	-----	-----
J4	28"	KSP	117	130	72	-----	-----
J5	28"	KSP	117	130	78	316	12.7

JOIST AXIAL LOAD SCHEDULE

MARK	AXIAL LOADS (+/- KIPS) (FACTORED)	
	SOURCE	TOP CHORD
A	WIND	1.51
B	WIND	2.33
C	WIND	2.77
D	WIND	1.1

NOTE:
1. WIND FACTORED USING 0.6W
2. SEE DETAIL 8/S4.5 FOR SNOW DRIFT LOADS

1 FRAMING PLAN
3/32" = 1'-0"

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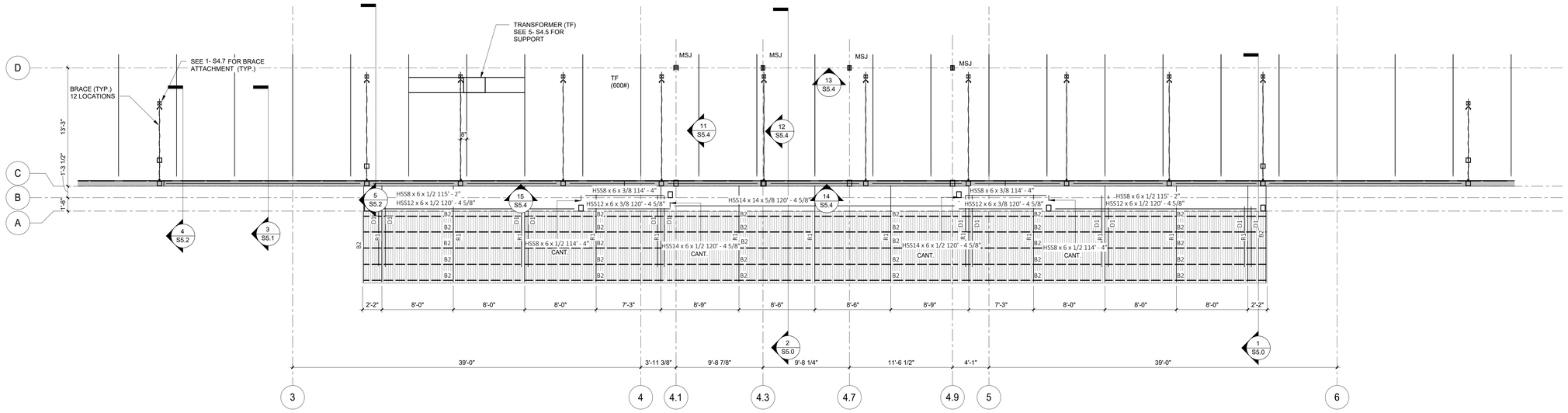
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LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

Professional of Record:
Michael Thomas Lee
License No.: 20482
Exp. Date: 12/31/26

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ROOF FRAMING PLAN

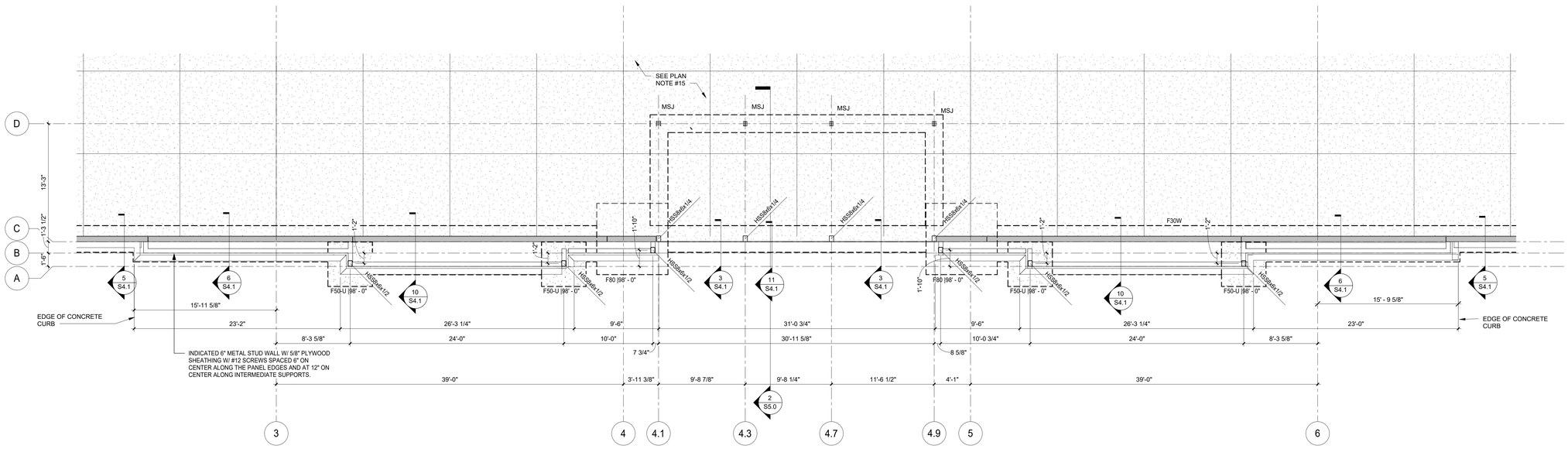
SHEET:
S3.0



NOTE:
1. SEE S3.0 FOR FRAMING LEGEND AND PLAN NOTES.

1 **PARTIAL ROOF FRAMING PLAN**
3/16" = 1'-0"

REF 1 / S3.0



NOTE:
1. SEE S2.0 FOR FOUNDATION LEGEND AND PLAN NOTES.

2 **PARTIAL FOUNDATION PLAN**
3/16" = 1'-0"

REF 1 / S2.0

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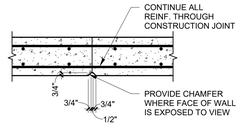
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PARTIAL FOUNDATION AND ROOF FRAMING PLANS

SHEET:
S3.1

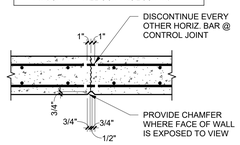
NOTES:
1. CONSTRUCTION JOINT MAY BE SUBSTITUTED FOR CONTROL JOINT.
2. COORDINATE JOINT LOCATIONS WITH MASONRY WALL CONTROL JOINTS.



10" OR 12" CONCRETE WALL

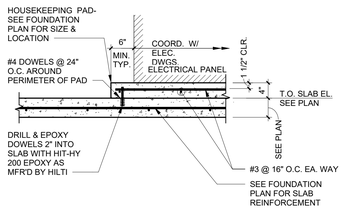
1 TYP. CONSTRUCTION JT. DETAILS
NOT TO SCALE

NOTES:
1. LOCATE CONTROL JOINT AT 24'-0" O.C. MAXIMUM.
2. COORDINATE JOINT LOCATIONS WITH MASONRY WALL CONTROL JOINTS



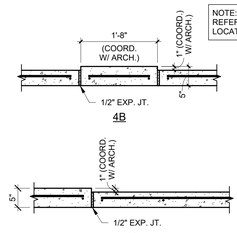
10" OR 12" CONCRETE WALL

2 TYP. CONCRETE WALL CONTROL JT. DETAILS
NOT TO SCALE



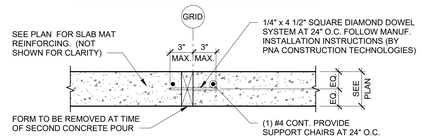
3 HOUSEKEEPING PAD AT ELECTRICAL PANEL
NOT TO SCALE

NOTE:
REFER TO ARCHITECT'S DRAWINGS FOR LOCATION & SIZE OF RECESSED SLAB.



4 TYP. RECESSED SLAB
NOT TO SCALE

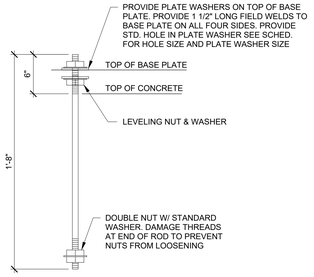
NOTES:
1. METAL KEY FORM WILL NOT BE ALLOWED.
2. THIS DETAIL TO BE USED ONLY WHEN CONCRETE POUR IS DISCONTINUOUS AT COLUMN CENTERLINE.
3. GENERAL CONTRACTOR IS TO SUBMIT A LAYOUT TO THE ENGINEER-OF-RECORD FOR APPROVAL AT LEAST 7 DAYS PRIOR TO CONCRETE POUR.
4. THIS DETAIL IS NOT TO BE USED AT THE TILTWALL PANEL POUR STRIP JOINT.



5 TYP. CONSTRUCTION JOINT DETAIL AT COLUMN CL.
NOT TO SCALE

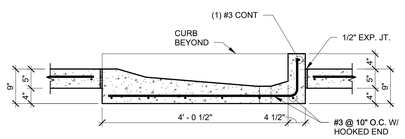
NOTES:
1. ALL ANCHOR RODS TO BE THREADED A36 OR F1554 WITH 6" THREADED PROJECTION AND THREADS.
2. LENGTHS SPECIFIED ARE OVERALL LENGTHS INCLUDING PROJECTION.

ROD SIZE	BASEPLATE HOLE SIZE	PLATE WASHER SIZE/THICKNESS
1" DIA.	1 1/4"	3/8" x 3" x 3"

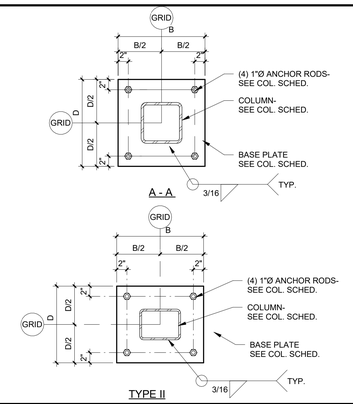


6 TYP. ANCHOR ROD DETAIL
NOT TO SCALE

NOTE:
REFER TO ARCHITECT'S DRAWINGS FOR LOCATION, SIZE & ORIENTATION OF SCRUB PIT.

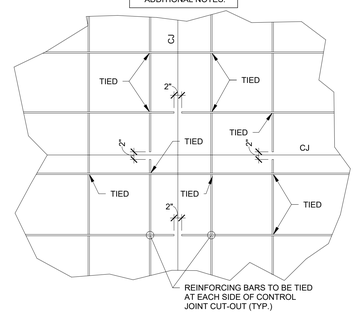


7 TYP. SCRUBBER PIT DETAIL
NOT TO SCALE



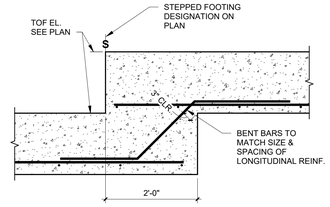
8 TYP. BASE PLATE DETAILS
NOT TO SCALE

NOTE:
1. REF 11- S4.0 FOR ADDITIONAL NOTES.



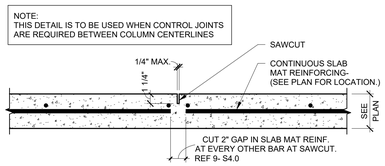
9 TYP. SLAB REIN. AT SAWED CONTROL JOINTS
NOT TO SCALE

NOTE: COORDINATE STEP FOOTING LOCATIONS TO ALIGN WITH TILT-UP PANEL JOINTS AND PANEL STEPS



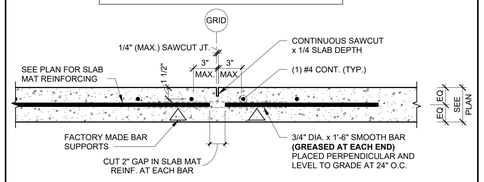
10 TYP. STEPPED FTG. DETAIL
NOT TO SCALE

NOTE:
THIS DETAIL IS TO BE USED WHEN CONTROL JOINTS ARE REQUIRED BETWEEN COLUMN CENTERLINES



11 TYP. INTERMEDIATE CONTROL JOINT DETAIL
NOT TO SCALE

NOTES:
1. METAL KEY FORM WILL NOT BE ALLOWED.
2. THIS DETAIL TO BE USED ONLY WHEN CONCRETE POUR IS CONTINUOUS AT COLUMN CENTERLINE.
3. GENERAL CONTRACTOR IS TO SUBMIT A LAYOUT TO THE ENGINEER-OF-RECORD FOR APPROVAL AT LEAST 7 DAYS PRIOR TO CONCRETE POUR.
4. THIS DETAIL IS NOT TO BE USED AT THE TILTWALL PANEL POUR STRIP JOINT.



12 TYP. CONTROL JOINT DETAIL AT COLUMN CENTERLINE
NOT TO SCALE

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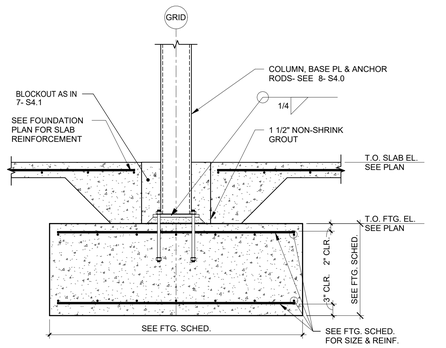
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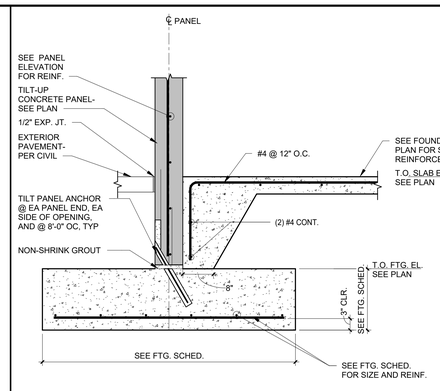
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FOUNDATION DETAILS

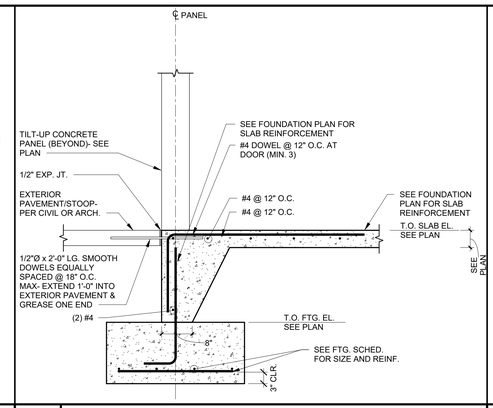
SHEET:
S4.0



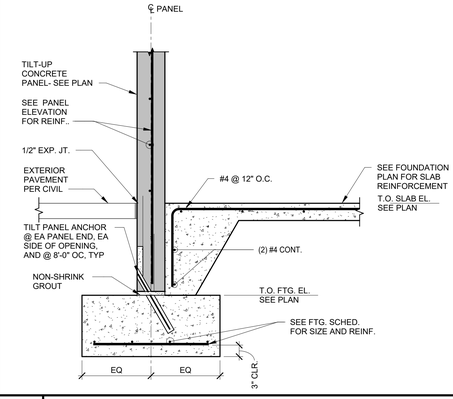
1 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



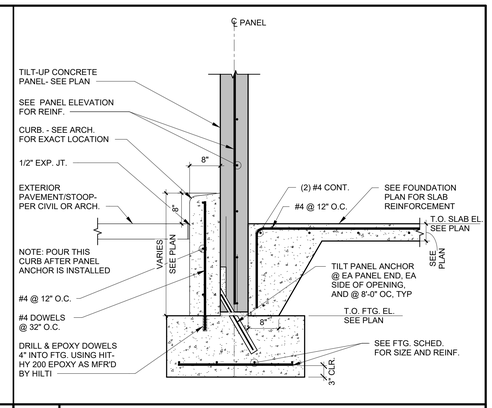
2 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



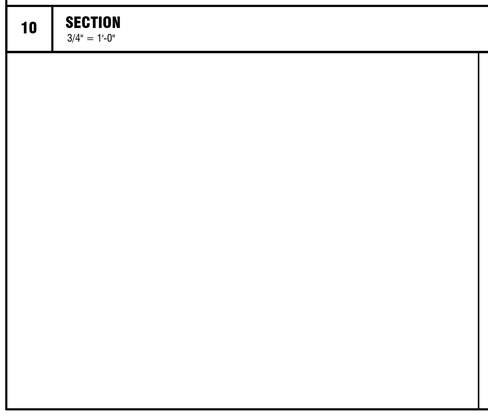
3 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



4 **SECTION** 3/4" = 1'-0" REF 1 / S2.0

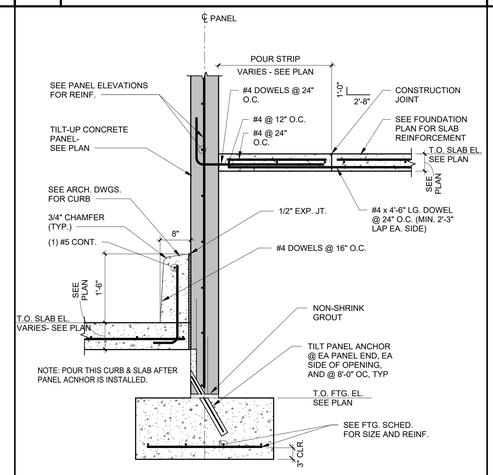


5 **SECTION** 3/4" = 1'-0" REF 1 / S2.0

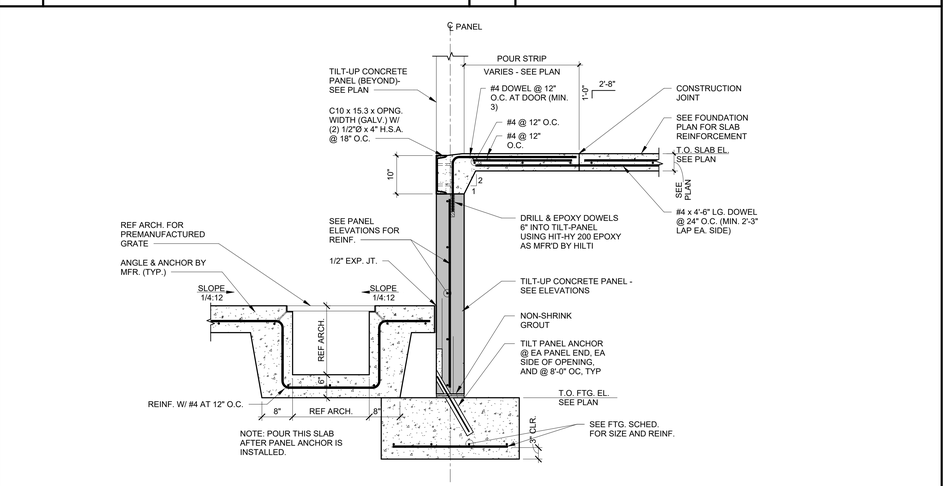


6 **SECTION** 3/4" = 1'-0" REF 1 / S2.0

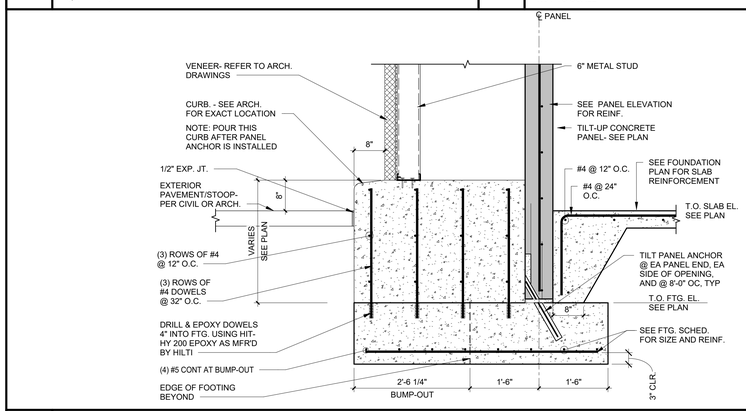
7 **STEEL COLUMN BLOCKOUT** NOT TO SCALE



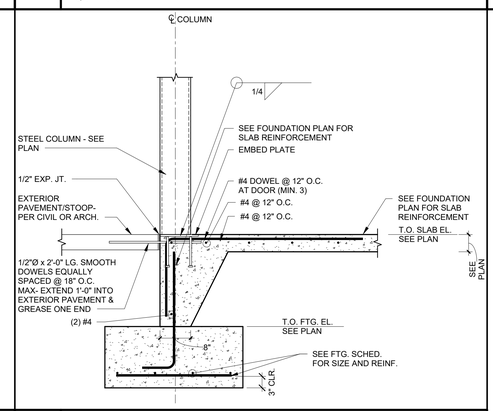
8 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



9 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



10 **SECTION** 3/4" = 1'-0" REF 1 / S2.0



11 **SECTION** 3/4" = 1'-0" REF 2 / S3.1

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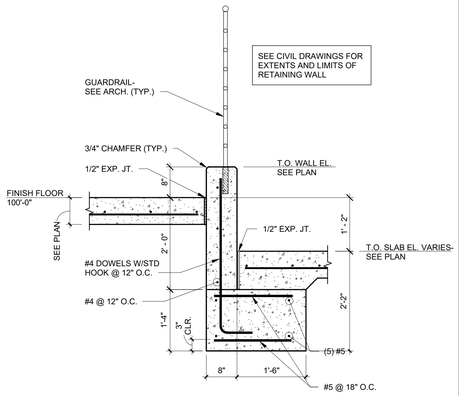
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

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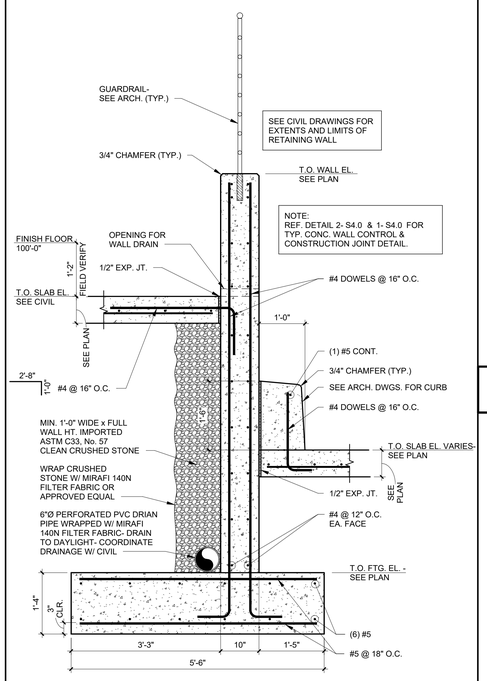
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FOUNDATION DETAILS

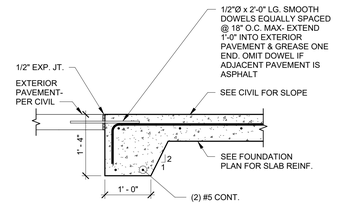
SHEET: S4.1



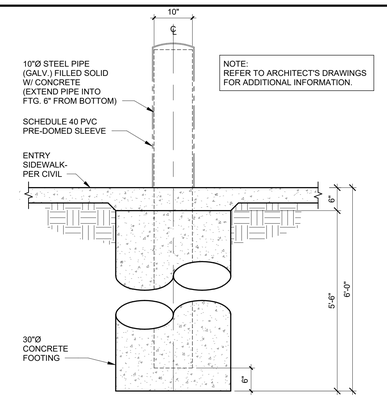
1 SECTION
3/4" = 1'-0"



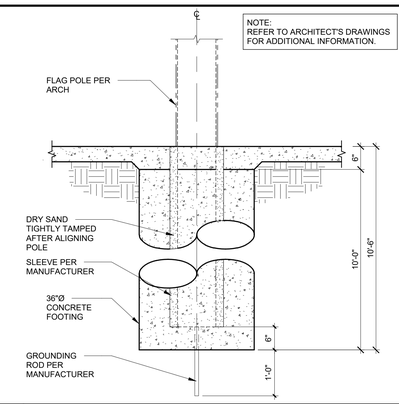
2 TYP. LOADING DOCK DETAIL AT RETAINING WALL
3/4" = 1'-0"



3 TYP. LOADING DOCK DETAIL AT EDGE OF RAMP
3/4" = 1'-0"



4 TYP. FRONT ENTRY PIPE BOLLARD DETAIL
NOT TO SCALE



5 TYPICAL FLAG POLE DETAIL
NOT TO SCALE

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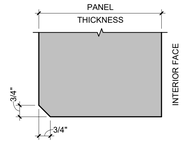


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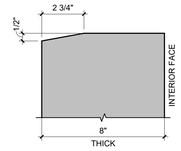
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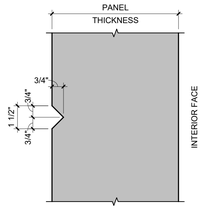
SHEET: S4.2



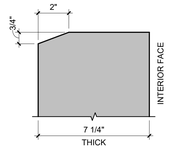
1 TYP. CHAMFER AT WINDOW SIDES AND TOP
3" = 1'-0"



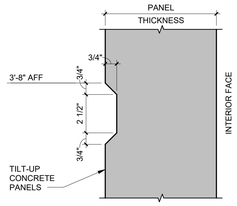
2 TYP. CHAMFER AT WINDOW BOTTOM (8" PANELS)
3" = 1'-0"



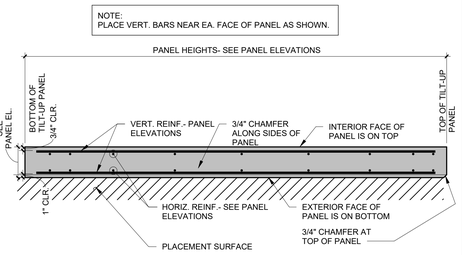
3 REVEAL DETAIL
3" = 1'-0"



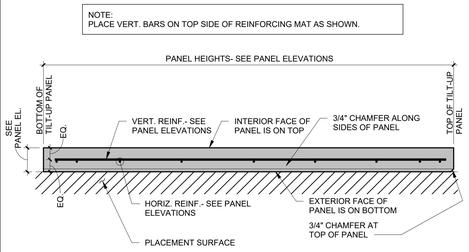
4 TYP. CHAMFER AT WINDOW BOTTOM (7 1/4" PANELS)
3" = 1'-0"



5 REVEAL DETAIL
3" = 1'-0"

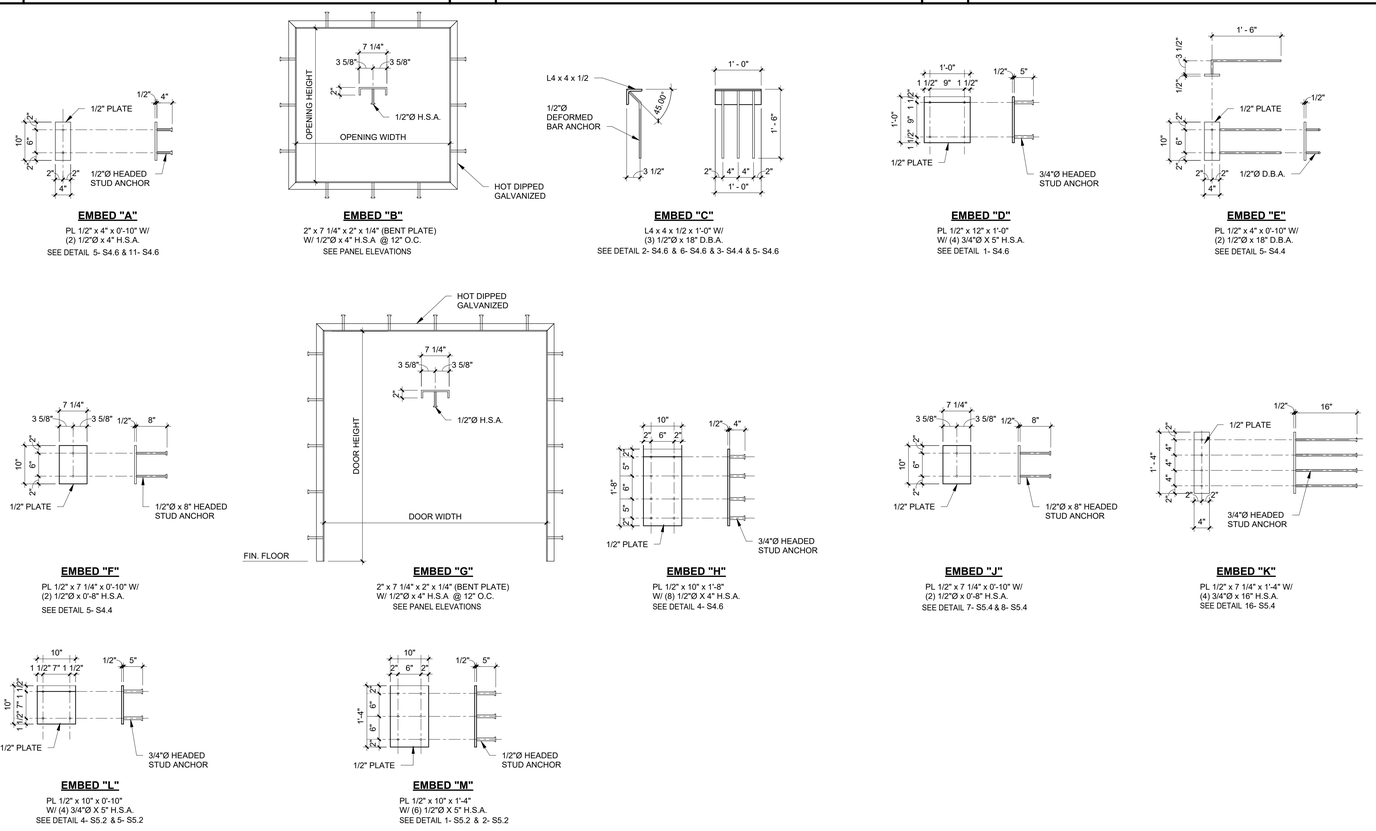


PANEL DOUBLE LAYER REINF.

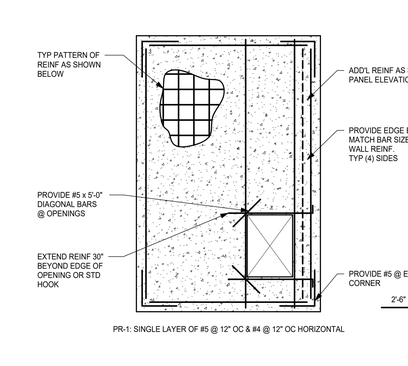


PANEL SINGLE LAYER REINF.

6 TYP. TILT-UP PANEL REINFORCEMENT DETAIL
3/4" = 1'-0"

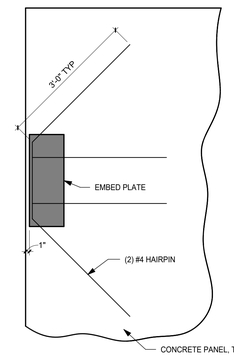


7 TILT-UP PANEL EMBED DETAILS
3/4" = 1'-0"



PR-1: SINGLE LAYER OF #5 @ 12" OC & #4 @ 12" OC HORIZONTAL

8 PANEL REINFORCING (PR-1)
NOT TO SCALE



9 EMBED AT PANEL EDGE
NOT TO SCALE

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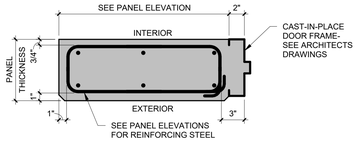
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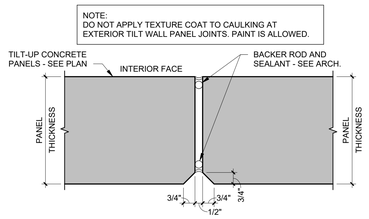
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PANEL NOTES AND DETAILS

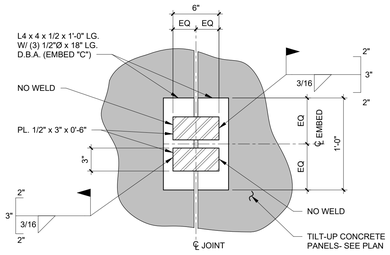
SHEET:
S4.3



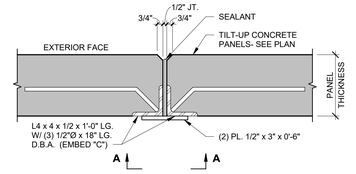
1 **PANEL LEG REINFORCING DETAIL**
1 1/2" = 1'-0"



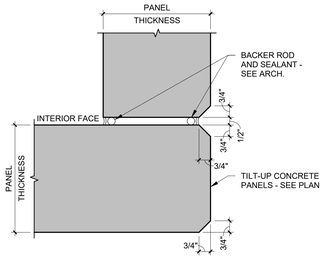
2 **TYP. PANEL JOINT DETAIL**
3" = 1'-0"



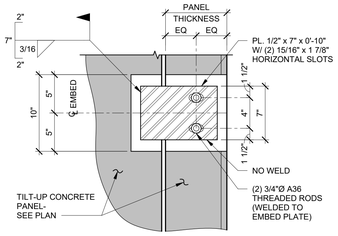
ELEVATION A-A



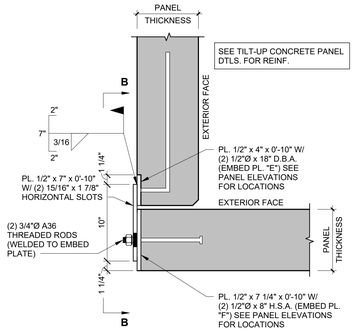
3 **TYP. PANEL STITCH DETAIL**
1 1/2" = 1'-0"

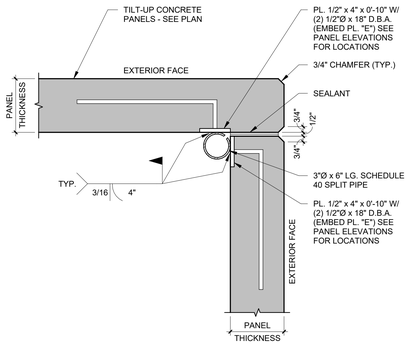


4 **TYP. PANEL CORNER JOINT DETAIL**
3" = 1'-0"



ELEVATION B-B





5 **TYP. PANEL STITCH DETAIL**
1 1/2" = 1'-0"

6 **TYP. PANEL CORNER STITCH DETAIL**
1 1/2" = 1'-0"

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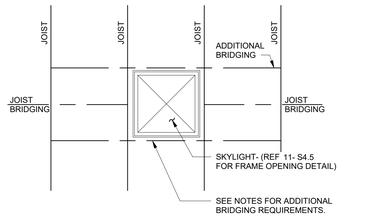
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PANEL DETAILS

SHEET:
S4.4

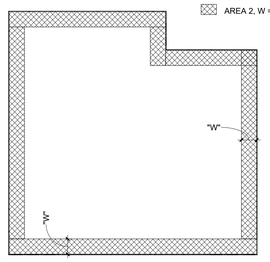


BRIDGING REQUIREMENTS:
1. WHERE SKYLIGHT INTERRUPTS JOIST BRIDGING, PROVIDE ADDITIONAL 1 1/2 x 1 1/2 x 3/16 BRIDGING AS SHOWN ON EACH SIDE OF OPENING- LAP ONE JOIST BAY AT EACH END. ATTACH PER SJI BRIDGING REQUIREMENTS.
2. IF ROOF OPENING IS ADJACENT TO A JOIST GIRDER APPLY BRIDGING TO ONE SIDE ONLY.
3. IF JOIST BRIDGING IS WITHIN 1'-0" OR LESS OF SKYLIGHT OPENING, PROVIDE ADDITIONAL BRIDGING SPLICE ON ONE SIDE ONLY, NEAREST TO JOIST BRIDGING.

1 TYP. BRIDGING SPLICE AT SKYLIGHTS DETAIL
3/4" = 1'-0"

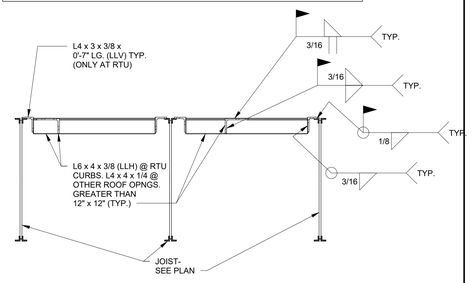
NOTE:
1. SEE 6 / S4.5 FOR ROOF DECK FASTENING SCHEDULE.

ROOF DIAPHRAGM AREA LEGEND:
- AREA 1
- AREA 2, W = 13 ft



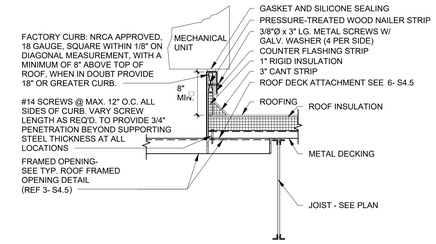
2 ROOF DIAPHRAGM AREA MAP
1" = 60'-0"

NOTES:
1. INTERMEDIATE ANGLES WITHIN CURB PLAN AREA AT SUPPLY AND RETURN DUCT OPENINGS ARE NOT REQ'D.
2. AT L4 x 4 x 1/4 FRAMES, REMOVE CLIP ANGLES, COPE VERTICAL LEG & EXTEND HORIZ. LEG OVER FRAMING - WELD ALL AROUND.
3. FOR ROOF OPENINGS 12" WIDE OR LESS (I.E., OVER-SIZED OPENINGS FOR ROOF DRAINS), PROVIDE L2 x 2 x 1/4 FRAME AROUND OPENING & EXTEND TO JOISTS- WELD ALL AROUND.



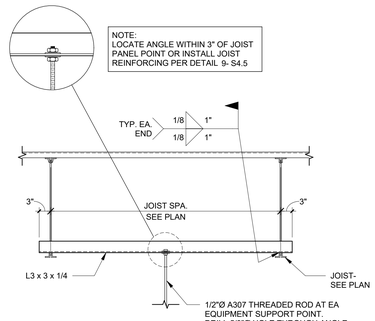
3 TYP. ROOF FRAMED OPENING DETAIL
NOT TO SCALE

NOTES:
1. PROVIDE 1" x 10 GA. STEEL STRAP AT ALL CORNERS OF RTU & NOT TO EXCEED 4'-0" O.C. ATTACH EACH STRAP TO ROOF CURB WITH (4) #12 x 3" LONG GALV. SCREWS AND STRAP TO RTU WITH (4) #12 x 1" LONG SCREWS. ATTACH RTU TO ROOF CURB WITH 3/8"Ø THRU-BOLTS AT EACH CORNER.
2. RTU CURB SHALL BE SUPPORTED ON ALL 4 SIDES BY JOIST OR ADDED L6 x 4 x 3/8 (LLH) ANGLES EXTENDED TO MAIN STEEL.
3. PLACE CURB ON TOP OF ROOF DECK. CONNECT CURB THROUGH ROOF DECK TO SUPPORTING STEEL.
4. LEVEL CURB AS REQ'D. ABOVE DECK W/ TAPERED PRESSURE-TREATED BLOCKING.



4 TYP. ROOF TOP UNIT SUPPORT DETAIL
3/4" = 1'-0"

NOTE:
LOCATE ANGLE WITHIN 3" OF JOIST PANEL POINT OR INSTALL JOIST REINFORCING PER DETAIL 9- S4.5



5 TYP. SUSPENDED EQUIPMENT SUPPORT DETAIL
3/4" = 1'-0"

ROOF DECK FASTENING SCHEDULE						
DECK FASTENER TYPE	AREA 1 PATTERN	AREA 2 PATTERN	SUITABLE BASE MATERIAL THICKNESS RANGE (in)	SIDE LAP TYPE	SPACING	REMARKS
POWDER ACTUATED HILTI X-HSN 24	36/7	36/14	1/8 TO 3/8 INCLUSIVE	HILTI S-SLC-01-M HWH SCREWS	(3) SCREWS AT (4) EQUAL SPACES BETWEEN SUPPORT FRAMING	SEE NOTES 1-3
POWDER ACTUATED HILTI X-ENP-19	36/7	36/14	THICKER THAN 1/4	HILTI S-SLC-01-M HWH SCREWS	(3) SCREWS AT (4) EQUAL SPACES BETWEEN SUPPORT FRAMING	SEE NOTES 1-3

ROOF DECK FASTENING SCHEDULE NOTES:
1. SEE 2 / S4.5 FOR ROOF DIAPHRAGM AREA MAP.
2. PROVIDE ADDITIONAL DECK FASTENERS AT WALL BRACES WHERE SHOWN ON 11- S4.6& 6- S4.6 .
3. USE DECK FASTENERS AT 6" O.C. AROUND ALL ROOF OPENINGS.

6 TYP. ROOF DECK FASTENING PATTERN DETAIL
1 1/2" = 1'-0"

NOTES:
1. WIND PRESSURES ARE BASED ON EWA = 100 ft²
2. (+) DENOTES WIND DOWNWARD
   A. FACTORED USING 0.6W
3. (-) DENOTES NET WIND UPLIFT
   A. FACTORED USING 0.6W+0.6D
   B. MAX UPLIFT DEAD LOAD USED = 10 psf

ROOF WIND ZONE PRESSURES (PSF)		
	DOWNWARD (0.6 W)	NET UPLIFT (0.6D + 0.6 W)
ZONE 1'	+10.0	-8.2
ZONE 1	+10.0	-13.3
ZONE 2	+10.0	-19.6
ZONE 3	+10.0	-24.4

7 WIND PRESSURE PLAN
1" = 60'-0"

NOTE
1. SNOW LOAD = 5 PSF

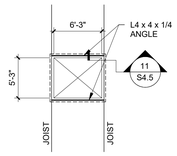
SNOW DRIFT LEGEND:
- 48.2 psf DRIFT, X = 12.6 ft

8 SNOW DRIFT PLAN
1" = 60'-0"

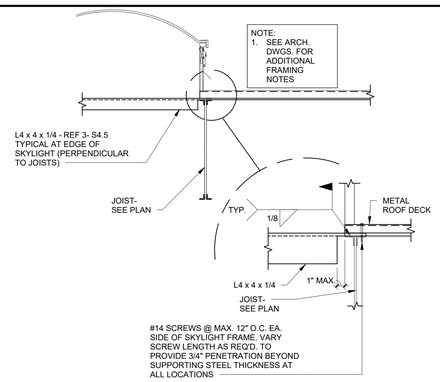


NOTES :
1. CONTRACTOR SHALL PROVIDE JOIST REINFORCEMENT WHEN CONCENTRATED LOAD "P" IS 3" OR MORE FROM A JOIST PANEL POINT.
2. PROVIDE DIAGONAL BRACE AT LOCATION OF CONCENTRATED LOADS SUCH AS PARTITIONS, HEAVY PIPES, MECHANICAL UNITS, HEAVY LIGHTS, AND ANY OTHER CONCENTRATED LOADS THAT EXCEED 100 LBS.

9 TYP. POINT LOAD ON JOIST DETAIL
3/4" = 1'-0"



PLAN VIEW



10 TYP. SKYLIGHT FRAMING
1/8" = 1'-0"

11 TYP. SKYLIGHT FRAMING
3/4" = 1'-0"

REF 10 / S4.5

STEEL DECK GENERAL NOTES

1. ROOF DECK SHALL BE FACTORY MUTUAL GLOBAL APPROVED 1 1/2" DEEP, 20 GAUGE, GRADE 50, TYPE B METAL DECK G-60 GALVANIZED (MIN SECTION MODULUS = .227 IN^3).
2. DECK STEEL SHALL CONFORM TO THE STEEL DECK INSTITUTE (SDI) AND ASTM A653 FOR GALVANIZED DECK.
3. ALL ROOF DECK SHALL BE CAPABLE OF WITHSTANDING THE FM GLOBAL WIND PRESSURES AND RATINGS SHOWN ON S1.0.
4. ROOF DECK SHALL BE ATTACHED TO THE STEEL FRAMING PER THE ROOF DECK FASTENING PATTERN DETAIL 4/S1.3.
5. DECK SPECIFIED HAS BEEN DETERMINED BASED ON A 3 SPAN CONDITION.
   A. PROVIDE 2 LAYERS OF ROOF DECK WHERE 1 AND 2 SPAN CONDITIONS EXIST.
   B. MAKE DECK CONNECTIONS AFTER PLACEMENT OF BOTH LAYERS OF ROOF DECK.

STEEL JOIST GENERAL NOTES

1. THE DESIGN, FABRICATION AND ERECTION OF STEEL JOISTS SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE STEEL JOIST INSTITUTE FOR OPEN WEB STEEL JOISTS.
2. ALL HANGERS SUPPORTED FROM OPEN WEB JOISTS SHALL BE LOCATED AT PANEL POINTS AND SHALL BE CONNECTED WITHOUT FIELD WELDING OR DRILLING HOLES IN THE BOTTOM CHORD.
3. JOISTS SHALL HAVE BRIDGING PER SJI SPECIFICATIONS. ROOF JOISTS SHALL HAVE ADDITIONAL BRIDGING, AS REQUIRED TO RESIST STRESS REVERSAL FOR THE NET UPLIFT LOADS INDICATED. DO NOT RUN BRIDGING THROUGH SKYLIGHTS (SEE 1 / S4.5).
4. "K" JOISTS FRAMING INTO OR NEAREST TO COLUMNS SHALL BE FIELD BOLTED WITH (2) 1/2" DIAMETER A307 BOLTS AND HAVE A BOTTOM CHORD STABILIZER PLATE TO PROVIDE LATERAL STABILITY DURING CONSTRUCTION. DO NOT WELD BOTTOM CHORD TO STABILIZER PLATE.
5. ALL LOADS SHOWN IN THE JOIST SCHEDULE AND ON OTHER DRAWINGS ARE DESIGN WORKING LOADS FOR ALLOWABLE STRESS DESIGN (ASD) WITH APPROPRIATE BUILDING CODE LOAD FACTORS ALREADY APPLIED. NO INCREASE IN STRESS OR LOAD REDUCTION IS ALLOWED FOR WIND OR SEISMIC LOAD COMBINATIONS.
6. UNIFORM GRAVITY AND TRAPEZOIDAL LOADS SHOWN IN THE JOIST SCHEDULE HAVE BEEN GENERATED BASED ON THE DESIGN LOADS SHOWN ON S1.0.
7. JOIST MFR. SHALL ALSO DESIGN JOISTS FOR THE FOLLOWING:
   A. WIND DOWNWARD AND NET UPLIFT LOADS SHOWN ON THIS DWG.
   B. MECHANICAL EQUIPMENT AND OTHER LOADS SHOWN ON THE ROOF FRAMING PLAN AND FRAMING SECTIONS.
8. JOISTS SHALL RESIST THE MOST CRITICAL EFFECTS FROM THE LOAD COMBINATIONS LISTED IN THE BUILDING CODE.
9. THE LIVE LOAD DEFLECTION LIMIT IS L/240.
10. PROVIDE 5" SEATS AT ALL JOISTS, U.N.O..

STEEL JOIST GIRDER GENERAL NOTES

1. THE DESIGN, FABRICATION AND ERECTION OF STEEL JOIST GIRDERS SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE STEEL JOIST INSTITUTE FOR OPEN WEB STEEL JOIST GIRDERS.
2. JOIST GIRDERS SHALL BE FIELD BOLTED WITH 3/4"Ø A307 BOLTS AND HAVE A BOTTOM CHORD STABILIZER PLATE TO PROVIDE LATERAL STABILITY DURING CONSTRUCTION. DO NOT WELD BOTTOM CHORD TO STABILIZER PLATE.
3. JOIST GIRDER PANEL POINT LOADS SHOWN ON THE PLANS HAVE BEEN GENERATED BASED ON THE DESIGN LOADS SHOWN ON S1.0. PANEL POINT LOADS DO NOT INCLUDE JOIST GIRDER SELF-WEIGHT.
4. JOIST MFR. SHALL ALSO DESIGN JOIST GIRDERS FOR THE FOLLOWING:
   A. NET WIND UPLIFT LOADS SHOWN ON THIS DRAWING.
   B. MECHANICAL EQUIPMENT AND OTHER LOADS SHOWN ON THE ROOF FRAMING PLAN AND FRAMING SECTIONS.
5. NO INCREASE IN STRESS IS ALLOWED FOR WIND OR SEISMIC LOAD COMBINATIONS.
6. JOIST GIRDERS SHALL RESIST THE TORSIONAL FORCES INDUCED WHEN UNEQUAL LENGTH JOISTS OR UNEQUAL LOADS BEAR ON OPPOSITE SIDES OF THE SAME JOIST GIRDER. ANY ADDITIONAL BOTTOM CHORD BRACING REQUIRED TO RESIST TORSIONAL FORCES MUST BE DESIGNED AND SPECIFIED ON THE JOIST GIRDER SUBMITTAL BY THE JOIST GIRDER MANUFACTURER.
7. JOIST GIRDERS SHALL HAVE BOTTOM CHORD BRACES AS REQUIRED BY THE JOIST MANUFACTURER. BOTTOM CHORD BRACES MAY BE EITHER WELDED OR BOLTED TO THE JOIST GIRDER AND WELDED TO THE JOIST BOTTOM CHORD.
8. JOIST GIRDERS SHALL RESIST THE MOST CRITICAL EFFECTS FROM THE LOAD COMBINATIONS LISTED IN THE BUILDING CODE.
9. THE LIVE LOAD DEFLECTION LIMIT IS L/240.
10. PROVIDE 7 1/2" SEATS AT ALL JOIST GIRDERS, U.N.O..

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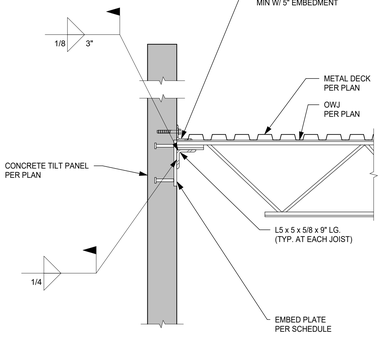
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ROOF FRAMING NOTES AND DETAILS

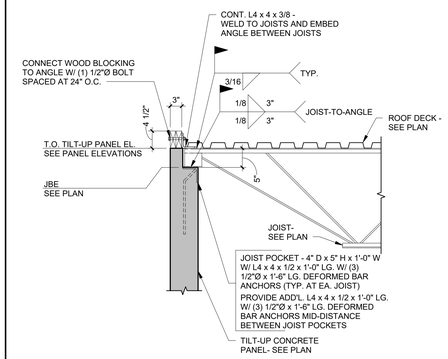
SHEET:
S4.5



1 TYP. JOIST TO TILT PANEL

3/4" = 1'-0"

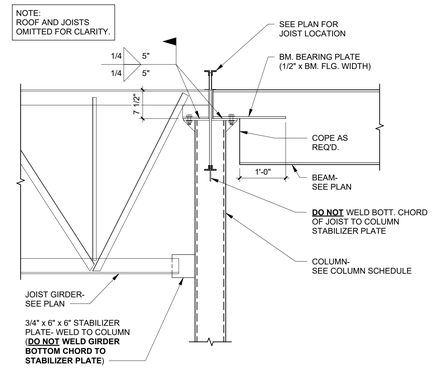
REF 1 / S3.0



2 TYP. JOIST PERP. TO TILTWALL AT REAR WALL

3/4" = 1'-0"

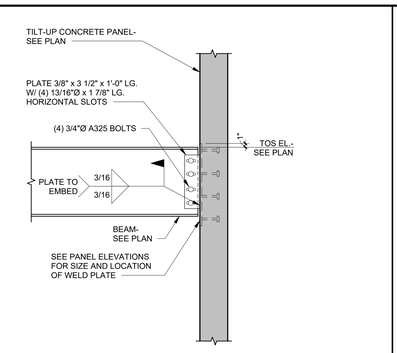
REF 1 / S3.0



3 TYP. GIRDER/BEAM TO COLUMN DETAIL

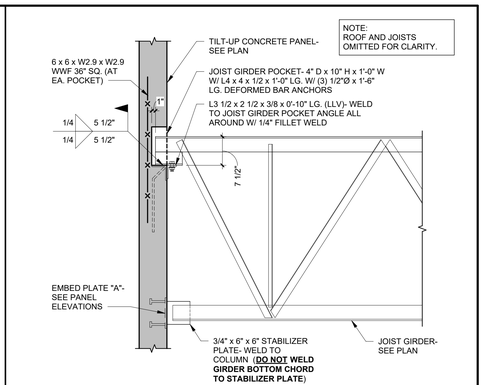
3/4" = 1'-0"

REF 1 / S3.0



4 TYP. BEAM TO TILTWALL CONNECTION DETAIL

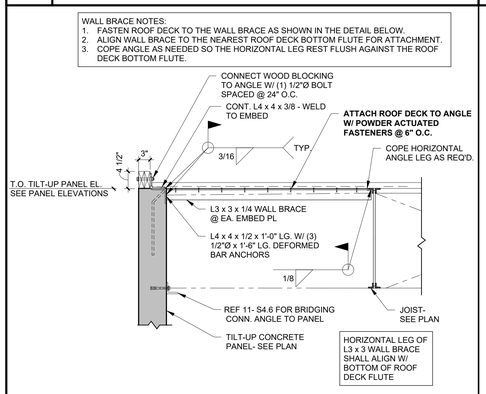
3/4" = 1'-0"



5 TYP. GIRDER POCKET DETAIL

3/4" = 1'-0"

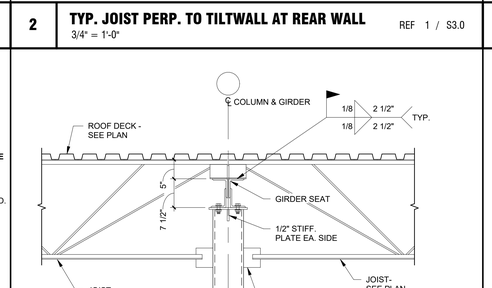
REF 1 / S3.0



6 TYP. JOIST PARALLEL TO TILTWALL DETAIL

3/4" = 1'-0"

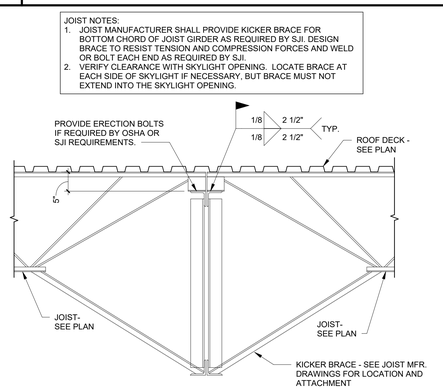
REF 1 / S3.0



7 TYP. JOIST TO JOIST GIRDER CONNECTION DETAIL

3/4" = 1'-0"

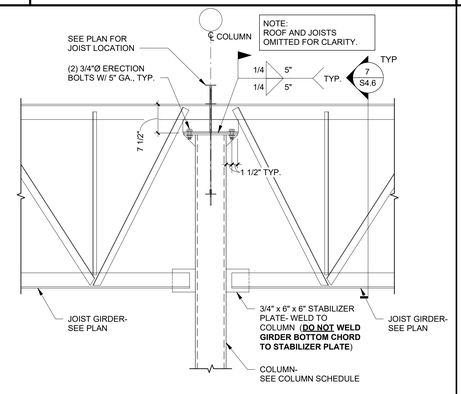
REF 1 / S3.0



8 TYP. JOIST TO JOIST GIRDER CONNECTION DETAIL

3/4" = 1'-0"

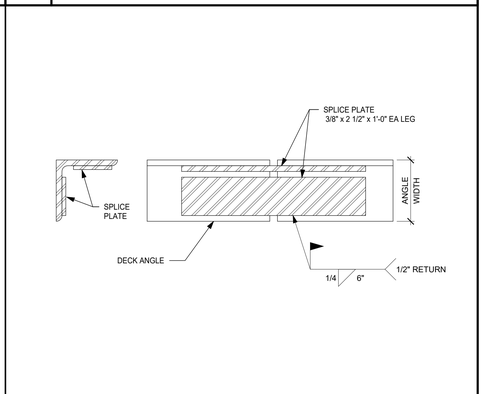
REF 1 / S3.0



9 TYP. GIRDER TO COLUMN CONNECTION DETAIL

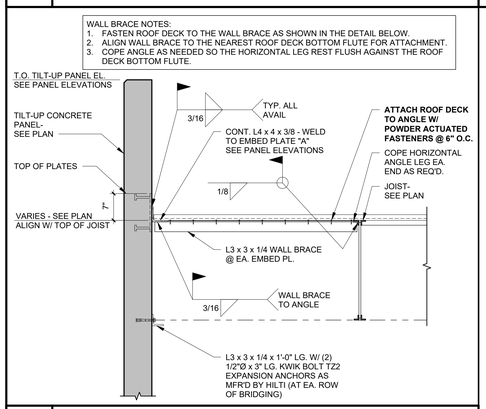
3/4" = 1'-0"

REF 1 / S3.0



10 DECK ANGLE SPLICE

3" = 1'-0"



11 TYP. JOIST PARALLEL TO TILTWALL DETAIL

3/4" = 1'-0"

REF 1 / S3.0

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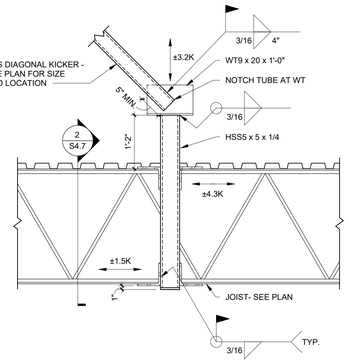
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ROOF FRAMING DETAILS

SHEET: S4.6

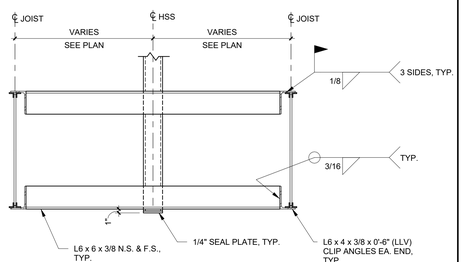
NOTE:
ALL EXPOSED STEEL TO BE HOT DIPPED GALVANIZED.

JOIST LOAD NOTES:
1. JOIST MFR. SHALL DESIGN JOISTS FOR THE VERTICAL & HORIZONTAL FACTORED WIND LOADS SHOWN.
   A. WIND FACTORED USING 0.6W
   B. BOTTOM CHORD HORIZONTAL LOAD SHALL TRANSFER THROUGH WEBS.



1 BRACE CONNECTION DETAIL
NOT TO SCALE

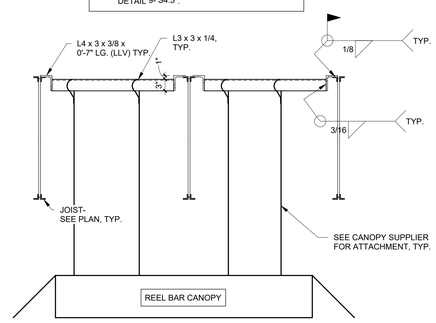
NOTE:
REF 1- S4.7 FOR ADDITIONAL INFORMATION



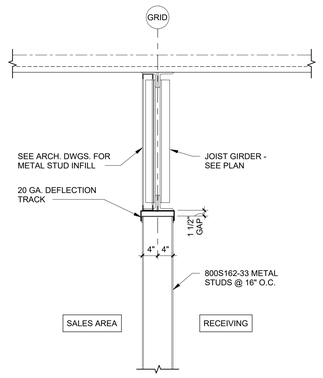
2 BRACE CONNECTION SECTION
NOT TO SCALE

REF 1 / S4.7

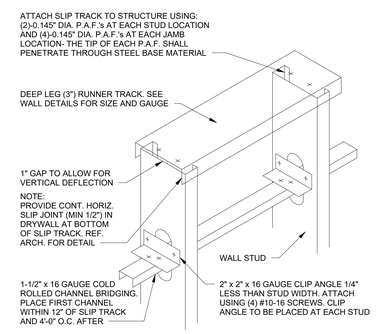
NOTES:
1. ATTACHMENT OF REEL BAR CANOPY TO SUPPORT FRAME PER CANOPY SUPPLIER.
2. LOCATE ANGLE WITHIN 3" OF JOIST PANEL POINT OR INSTALL JOIST REINFORCING PER DETAIL 9- S4.5 .



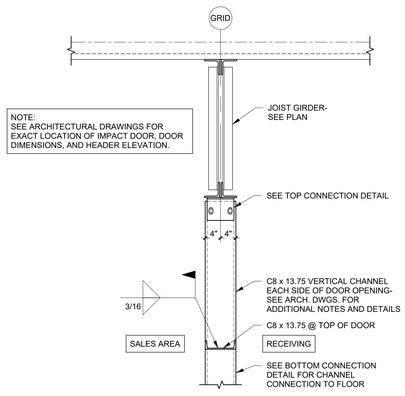
3 REEL CANOPY SUPPORT FRAME
NOT TO SCALE

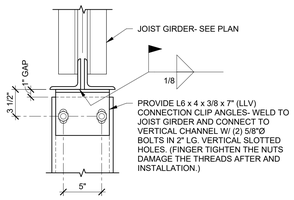


4 TYP. WALL PARTITION DETAIL
3/4" = 1'-0"

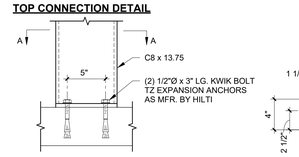


5 SLIP TRACK AND BRIDGING CONNECTION DETAIL
NOT TO SCALE

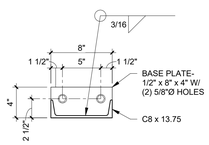




TOP CONNECTION DETAIL



BOTTOM CONNECTION DETAIL



"A-A"

6 TYP. INTERIOR IMPACT DOOR SUPPORT FRAMING
3/4" = 1'-0"

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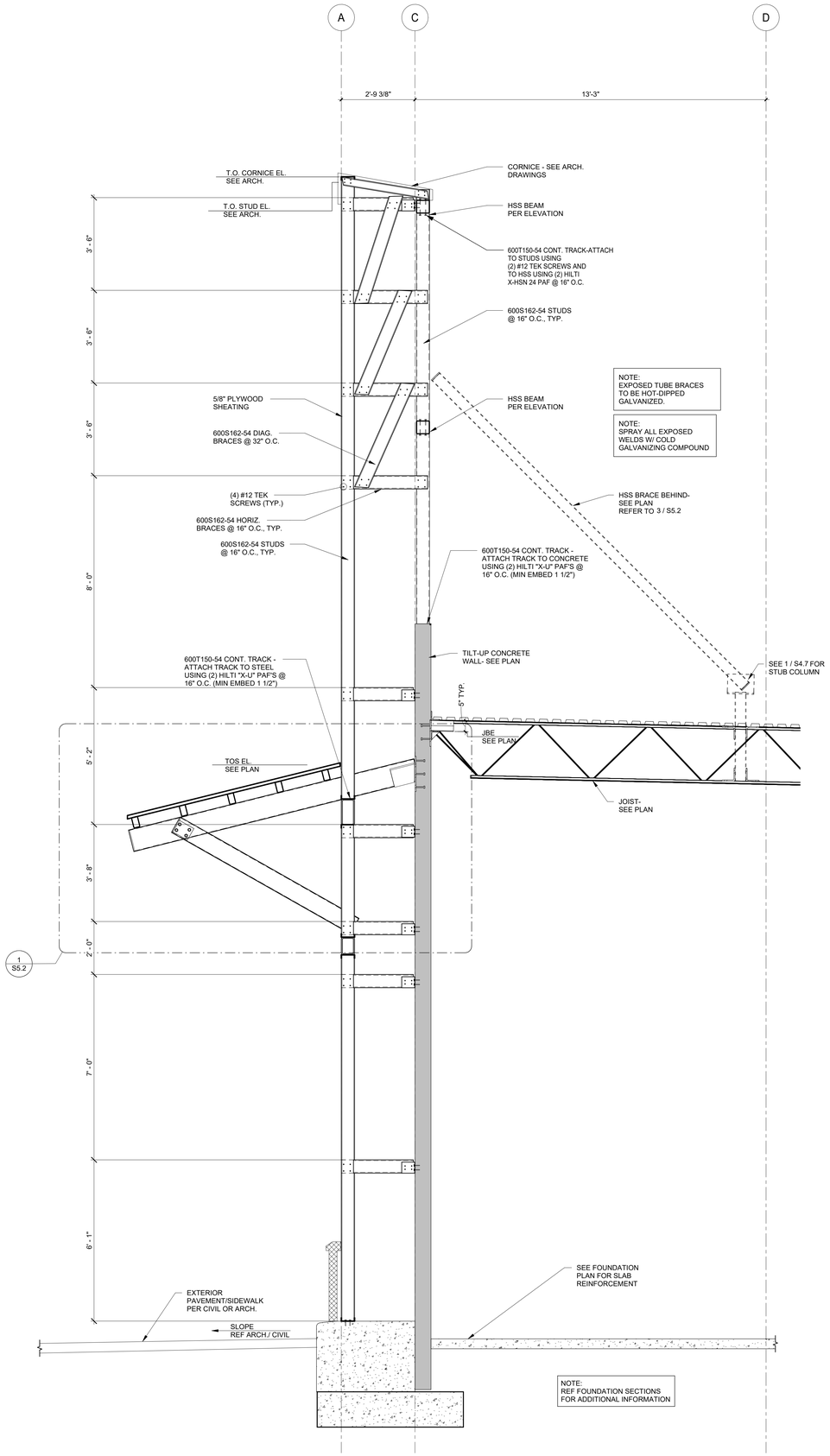
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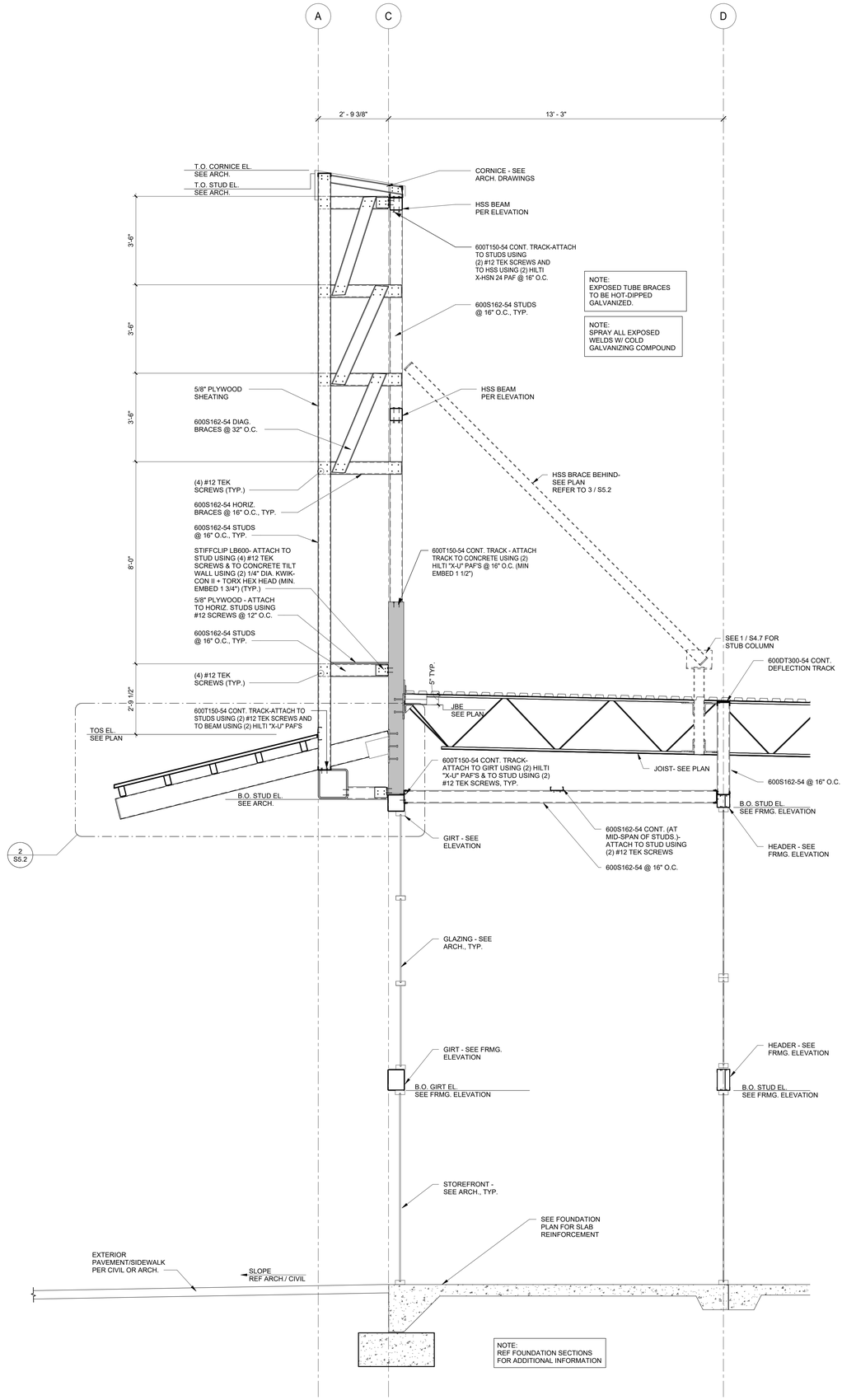
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ROOF FRAMING DETAILS

SHEET:
S4.7



1 **SECTION AT FRONT ENTRY**
1/2" = 1'-0"
REF 1 / S3.1



2 **SECTION AT FRONT ENTRY**
1/2" = 1'-0"
REF 1 / S3.1

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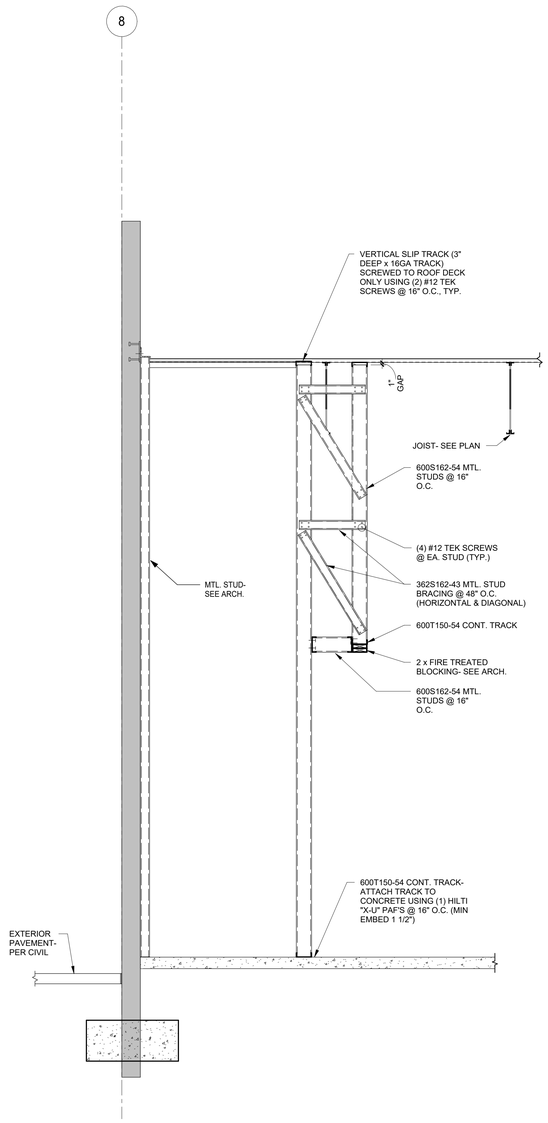
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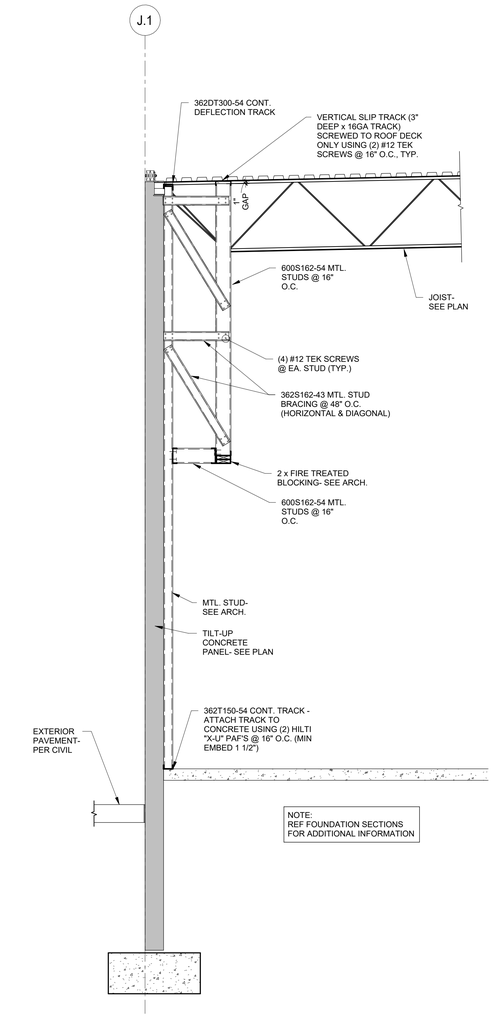
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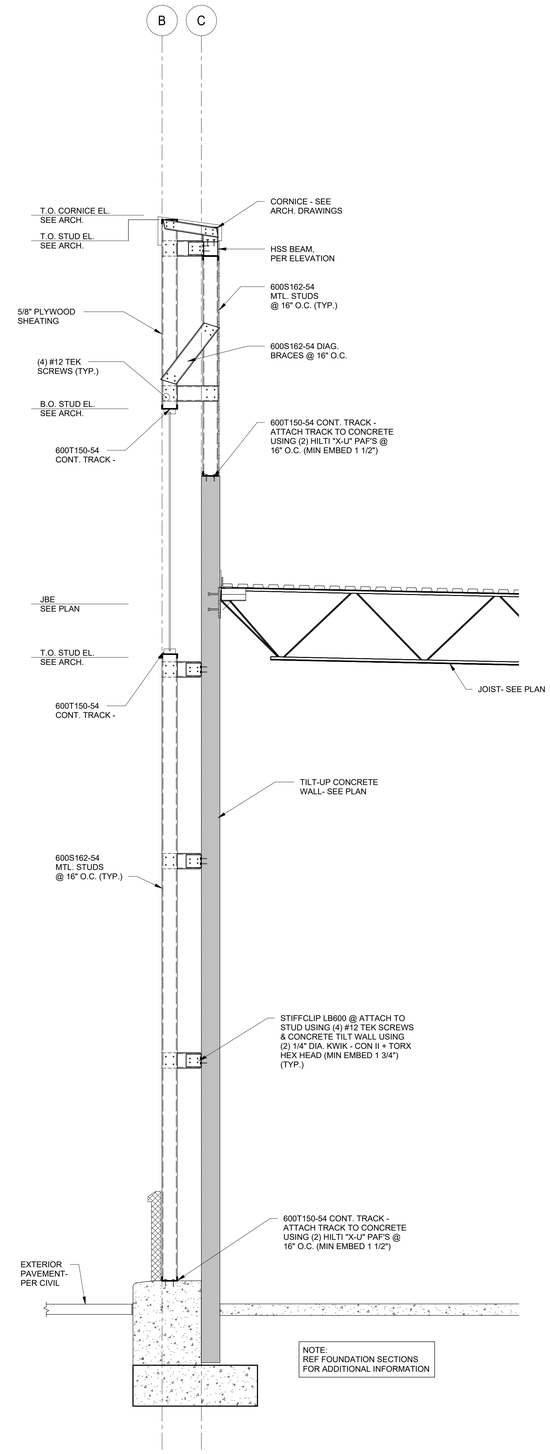
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SECTIONS

SHEET:
S5.0







1 **SECTION AT GUN ROOM**
1/2" = 1'-0"
REF 1 / S3.0

2 **SECTION AT GUN ROOM**
1/2" = 1'-0"
REF 1 / S3.0

3 **SECTION AT FRONT**
1/2" = 1'-0"
REF 1 / S3.1

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JOB NUMBER: 2555269 DOC DATE: 01/13/26

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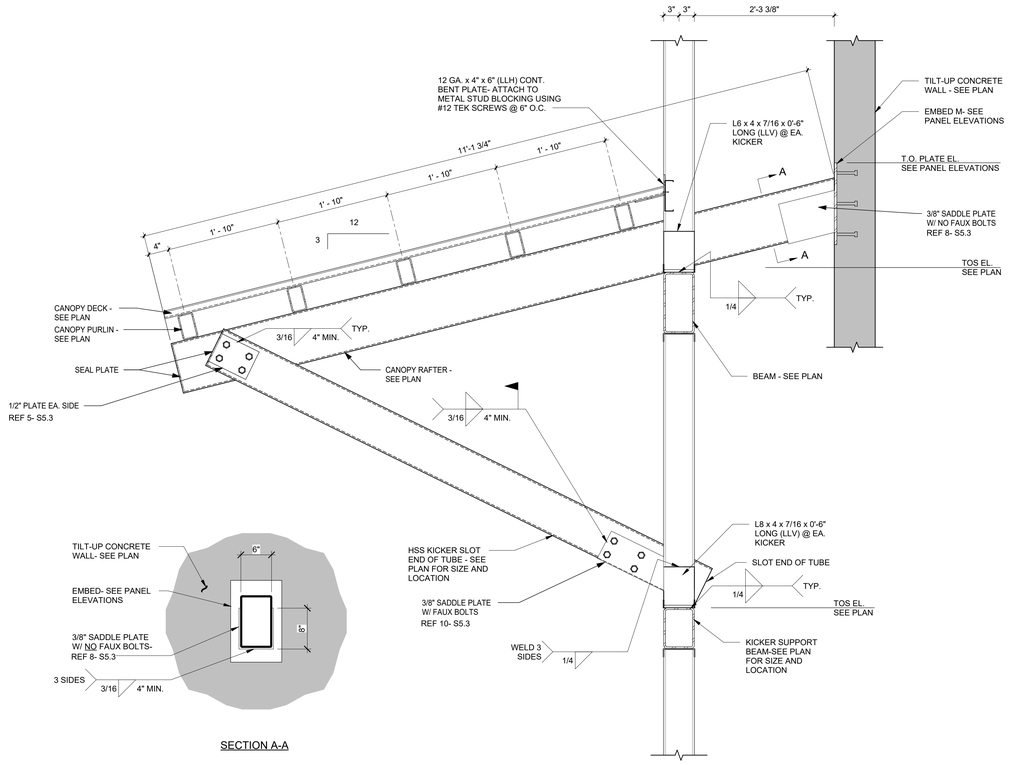
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

Professional of Record:
Michael Thomas Lee
License No.: 20482
Exp. Date: 12/31/26

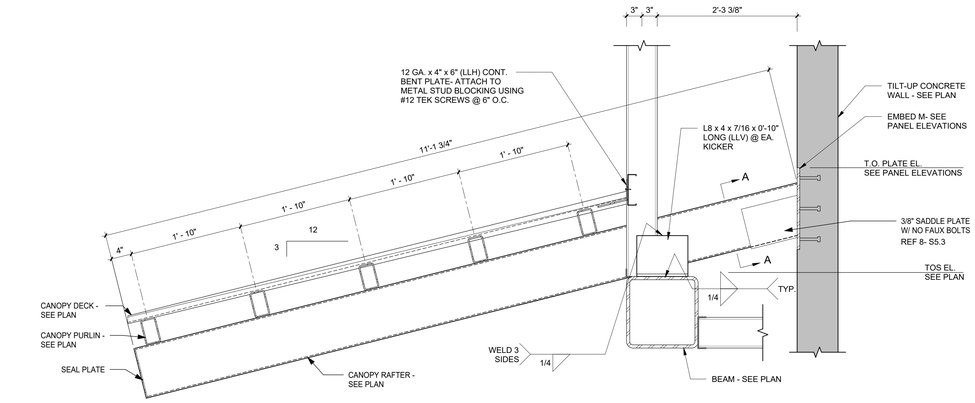
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SECTIONS

SHEET:
S5.1



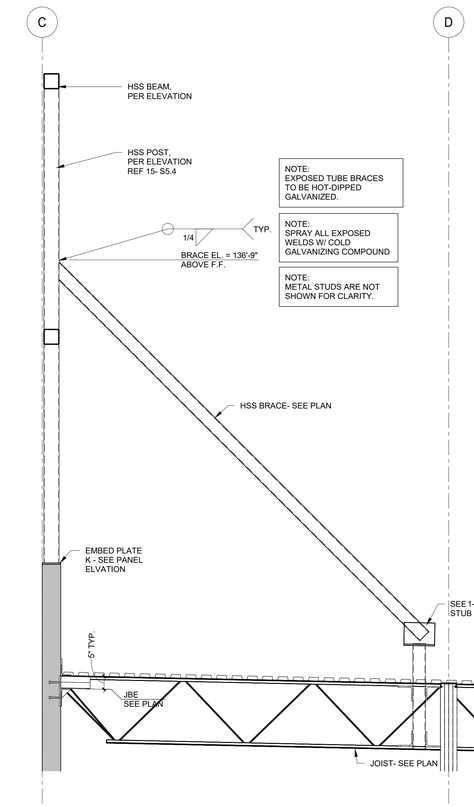
SECTION A-A



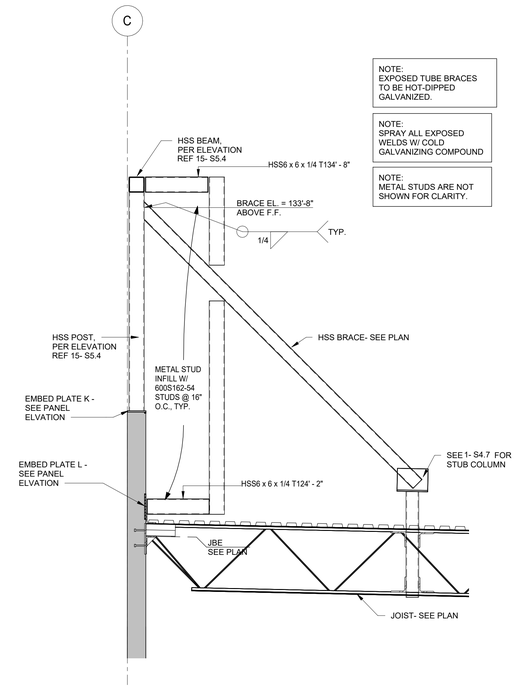
SECTION A-A

1 **CANOPY SECTION**
1" = 1'-0"
REF 1 / S5.0

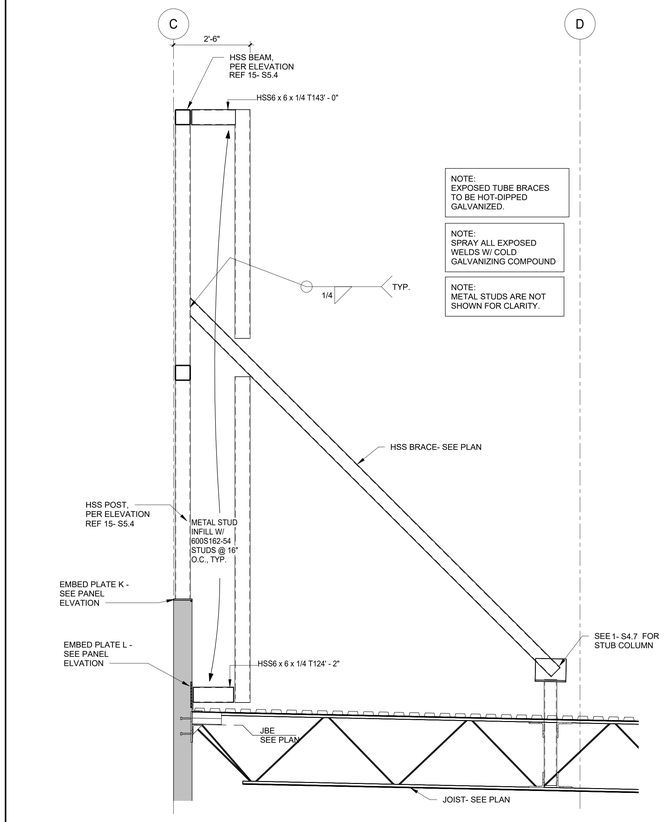
2 **CANOPY SECTION**
1" = 1'-0"
REF 2 / S5.0



3 **KICKER DETAIL**
1/2" = 1'-0"
REF 15 / S5.4



4 **KICKER DETAIL**
1/2" = 1'-0"
REF 1 / S3.1



5 **KICKER DETAIL**
1/2" = 1'-0"
REF 1 / S3.1

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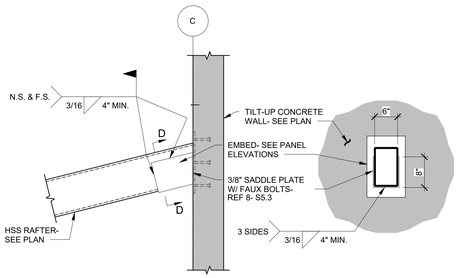
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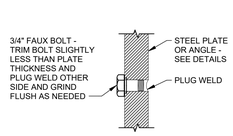
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CANOPY AND KICKER DETAILS

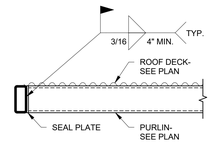
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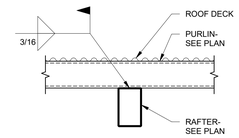
1 SECTION
3/4" = 1'-0"



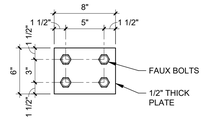
2 TYP. FAUX BOLT DTL.
NOT TO SCALE



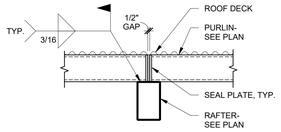
3 CANOPY BEAM CONNECTION DETAIL
NOT TO SCALE



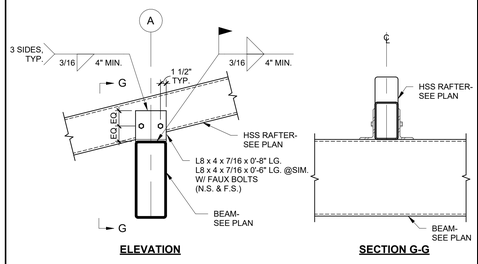
4 CANOPY BEAM CONNECTION DETAIL
NOT TO SCALE



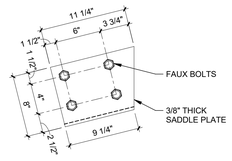
5 PLATE
1 1/2" = 1'-0"



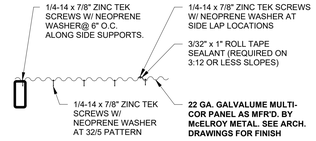
6 CANOPY BEAM CONNECTION DETAIL
NOT TO SCALE



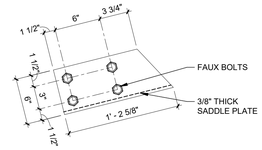
7 CANOPY BEAM CONNECTION DETAIL
NOT TO SCALE



8 SADDLE PLATE
1 1/2" = 1'-0"



9 CANOPY DECK AND ATTACHMENT DETAIL
NOT TO SCALE



10 SADDLE PLATE
1 1/2" = 1'-0"

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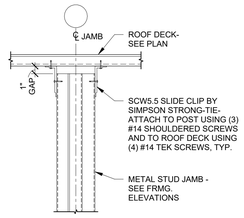
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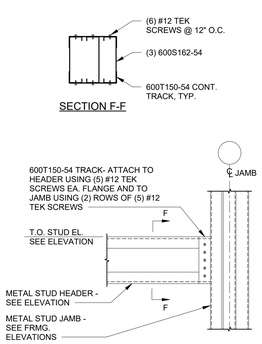
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STEEL CANOPY DETAILS

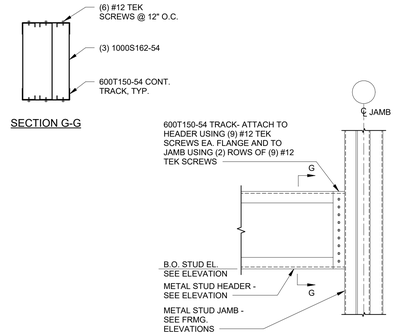
SHEET:
S5.3



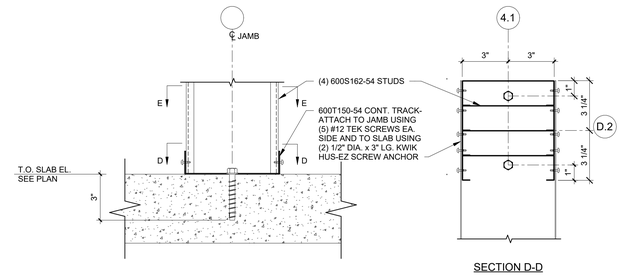
1 **DETAIL** — 1 1/2" = 1'-0" — REF 11 / S5.4



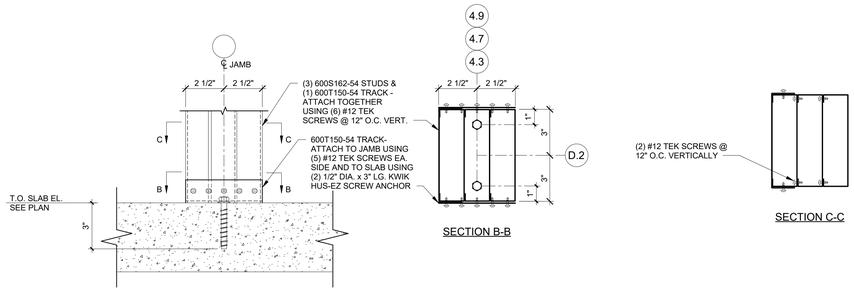
2 **DETAIL** — 1 1/2" = 1'-0" — REF 11 / S5.4



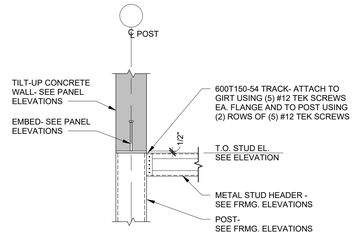
3 **DETAIL** — 1 1/2" = 1'-0" — REF 12 / S5.4



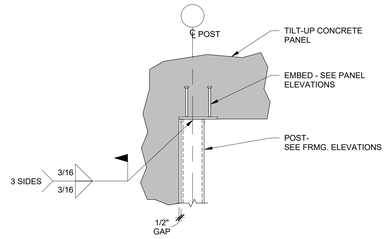
4 **DETAIL** — 3" = 1'-0" — REF 11 / S5.4



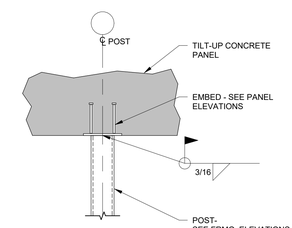
5 **DETAIL** — 3" = 1'-0" — REF 12 / S5.4



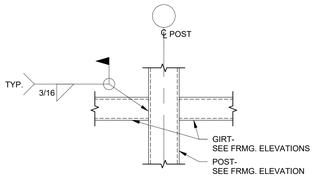
6 **DETAIL** — 3/4" = 1'-0" — REF 11 / S5.4



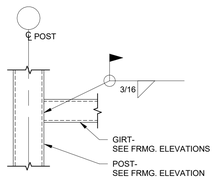
7 **DETAIL** — 3/4" = 1'-0" — REF 14 / S5.4



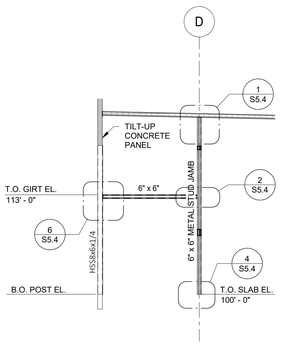
8 **DETAIL** — 3/4" = 1'-0" — REF 14 / S5.4



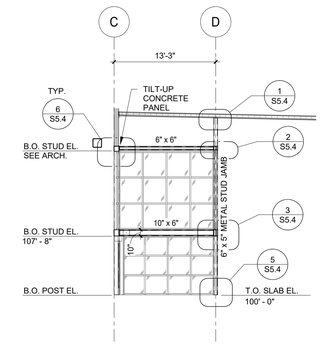
9 **DETAIL** — 3/4" = 1'-0" — REF 14 / S5.4



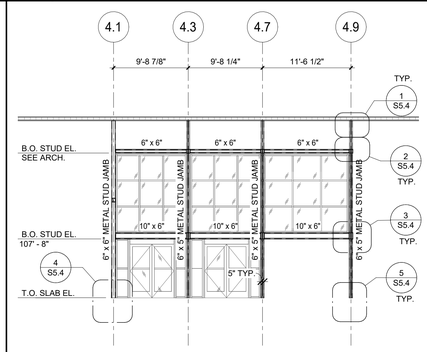
10 **DETAIL** — 3/4" = 1'-0" — REF 14 / S5.4



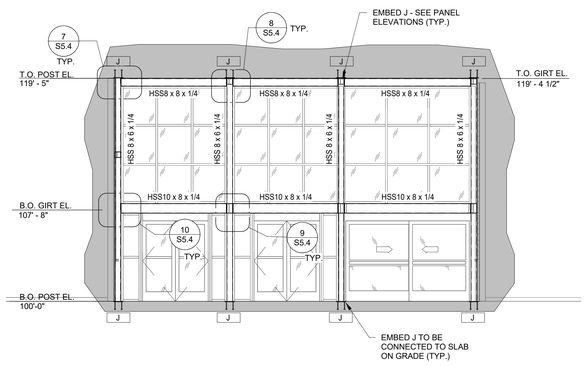
11 **FRAMING ELEVATION @ GRID 4.1** — 1/8" = 1'-0" — REF 1 / S3.1



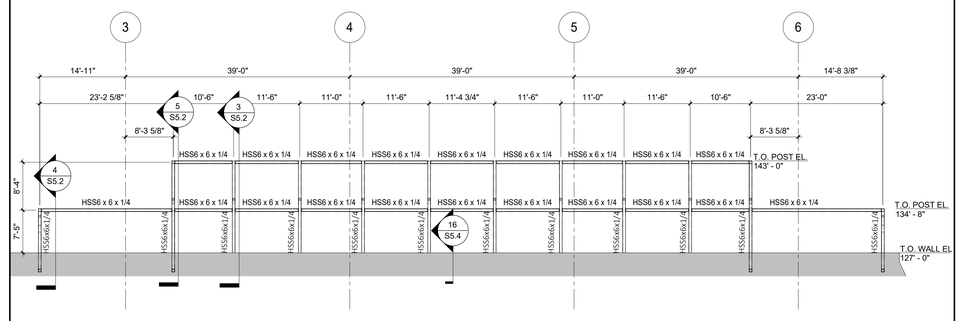
12 **FRAMING ELEV. @ GRIDS 4.3, 4.7, & 4.9** — 1/8" = 1'-0" — REF 1 / S3.1



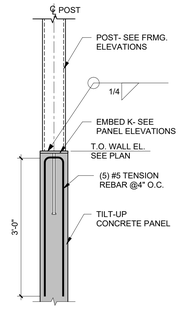
13 **RAMING ELEVATION @ GRID D.2** — 1/8" = 1'-0" — REF 1 / S3.1



14 **EXTERIOR WINDOW WALL FRAMING ELEVATION** — 3/16" = 1'-0" — REF 1 / S3.1



15 **ENTRANCE PARAPET FRAMING** — 3/32" = 1'-0" — REF 1 / S3.1



16 **SECTION** — 3/4" = 1'-0"

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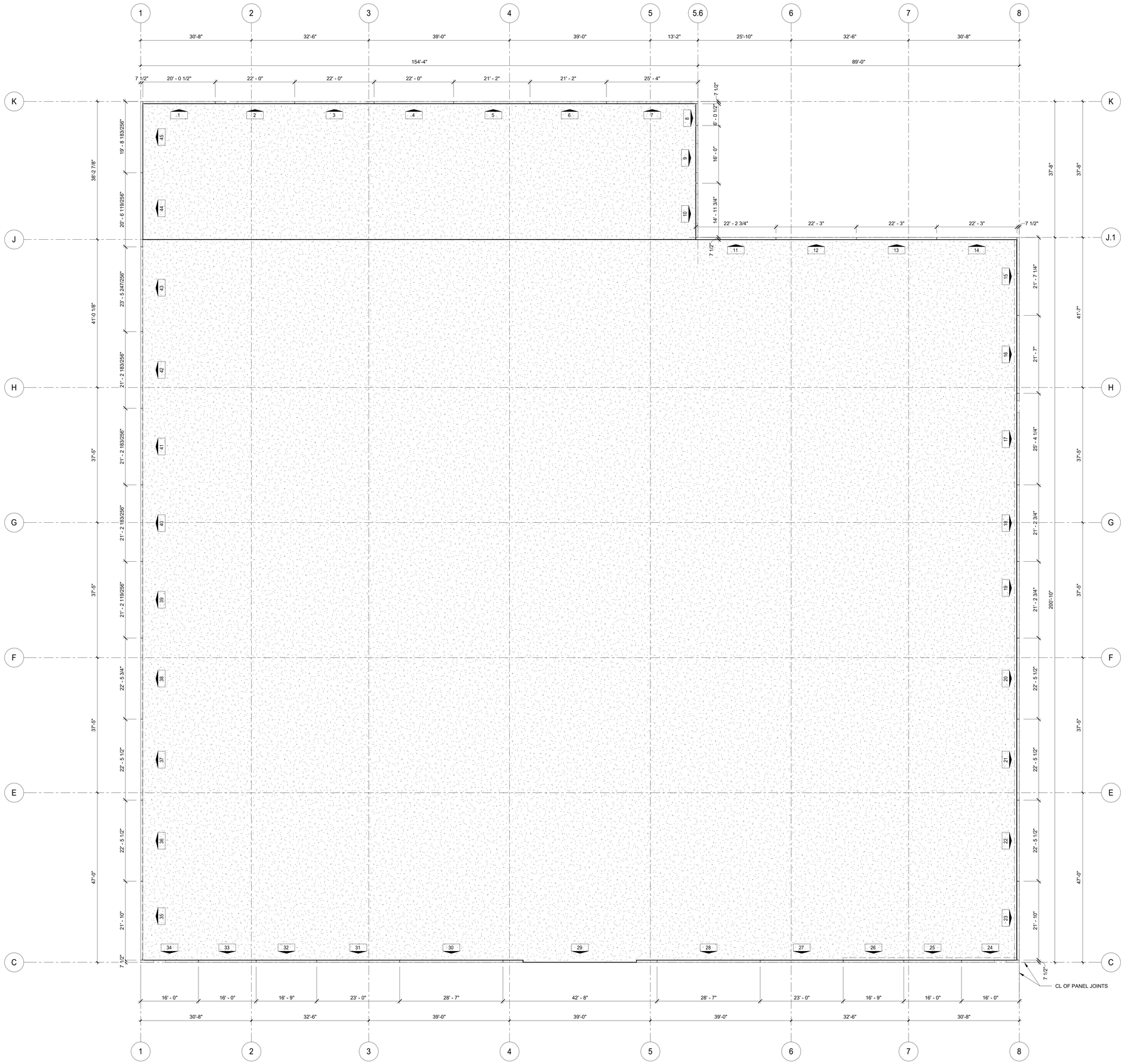
STATE OF ARKANSAS — LICENSED PROFESSIONAL ENGINEER — No. 20482 — MICHAEL THOMAS LEE — 01/13/2026

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PARTIAL FRAMING ELEVATIONS AND DETAILS

SHEET: S5.4



1 **TILT PANEL KEY PLAN**
3/32" = 1'-0"

TILT-PANEL KEY PLAN NOTES

1. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATIONS OF REVEALS, CHAMFERS AT OPENINGS AND SCUPPERS.

2. ALL PANEL DIMENSIONS ARE NOMINAL, UNLESS NOTED OTHERWISE.

3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND LOCATIONS OF PANELS.

4. P-X INDICATES PANEL MARK. ALL PANELS ARE SHOWN LOOKING AT THE INSIDE FACE.

5. PROVIDE TYPICAL PANEL REINFORCEMENT PR-1 UNLESS NOTED OTHERWISE. SEE PANEL ELEVATIONS AND TYPICAL DETAILS FOR ADDIOTIONAL REINFORCEMENT REQUIREMENTS.

TILT-UP CONCRETE PANEL NOTES

1. SEE PANEL ELEVATIONS FOR DIMENSIONS, THICKNESS, EMBED PLATES, AND REINFORCEMENT.
2. UNLESS NOTED OTHERWISE ON THE PANEL ELEVATIONS, PROVIDE (3) #5 CONTINUOUS AT BOTTOM OF PANEL, (2) #5 CONTINUOUS AT EACH SIDE OF PANEL, AND (2) #5 CONTINUOUS AT TOP OF PANEL.
3. PROVIDE #5 X 6'-0" LG. (36" LEGS) CORNER BARS AT ALL CORNERS OF PANEL. AT DOUBLE MAT, PROVIDE CORNER BARS EA. FACE.
4. PANELS SUPPORTED BY ISOLATED FOUNDATIONS AT EACH END SHALL BE SUPPORTED USING (2) SETTING PADS, (1) PAD AT EACH END. PANELS SUPPORTED BY A CONTINUOUS FOUNDATION SHALL BE PLACED ON A MINIMUM OF (4) SETTING PADS, (1) PAD AT EACH END AND EQUALLY SPACED BETWEEN.
5. SETTING PADS SHALL BE NON-SHRINK CEMENTITIOUS GROUT WITH A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI.
6. GROUT SPACE BENEATH PANELS FOR FULL BEARING THE SAME DAY PANELS ARE SET. USE A NON-SHRINK CEMENTITIOUS GROUT WITH A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI.
7. SEE ARCHITECTURAL DRAWINGS FOR PANEL FINISHES, REVEALS, AND ANY COLORING ADMIXTURES.
8. SEE CONCRETE GENERAL NOTES FOR ALL OTHER REQUIREMENTS.

ERECTION AND TEMPORARY BRACING OF TILT-UP CONCRETE PANEL NOTES

1. WALL PANELS SHOWN IN THE STRUCTURAL DRAWINGS HAVE BEEN DESIGNED FOR VERTICAL AND LATERAL LOADS ONLY. ERECTION STRESSES HAVE NOT BEEN CONSIDERED.
2. ADDITIONAL REINFORCING STEEL SHALL BE ADDED TO THE PANELS AS REQUIRED FOR THE ERECTION STRESSES DETERMINED BY THE CONTRACTOR'S LIFTING ACCESSORIES SUPPLIER.
3. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A LIFTING ACCESSORIES SUPPLIER TO DESIGN AND SUPPLY ALL THE HARDWARE FOR LIFTING AND BRACING THE WALL PANELS.
4. CONCRETE FOR THE WALL PANELS SHALL OBTAIN A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI BEFORE LIFTING OR AS REQUIRED BY THE CONTRACTORS LIFTING ACCESSORY SUPPLIER (WHICHEVER IS GREATER).
5. TEMPORARY WALL PANEL BRACING SHALL NOT BE REMOVED UNTIL AFTER THE ENTIRE PANEL POUR STRIP HAS BEEN PLACED AND THE ENTIRE ROOF DIAPHRAGM CONSTRUCTION HAS BEEN COMPLETED. PANEL BRACING MUST REMAIN IN PLACE DURING PARTIALLY COMPLETED FOUNDATION AND ROOF FRAMING CONNECTIONS.
6. THE LIFTING ACCESSORIES SUPPLIER SHALL CHECK THE PANELS FOR ERECTION STRESSES AND DESIGN THE LIFT INSERTS AND TEMPORARY BRACING.
7. THE LIFTING ACCESSORIES SUPPLIER SHALL PREPARE COMPLETE SHOP DRAWINGS COVERING ERECTION PROCEDURES, ADDITIONAL REINFORCEMENT, LIFTING HARDWARE, AND TEMPORARY PANEL BRACING. THE SHOP DRAWINGS SHALL BE PREPARED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER LICENSED IN THE PROJECT STATE.

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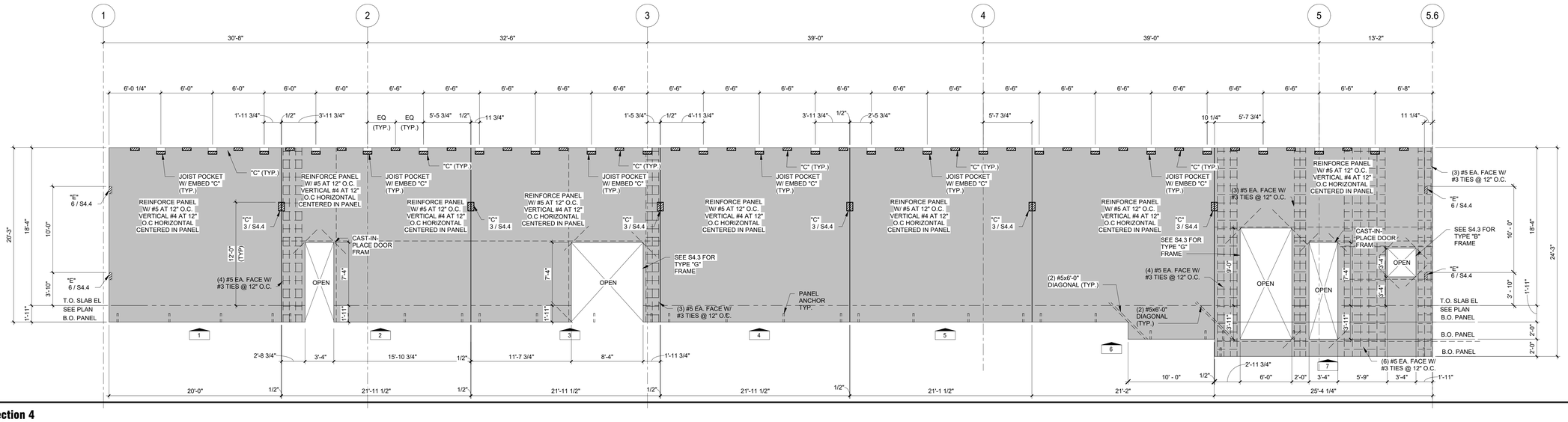
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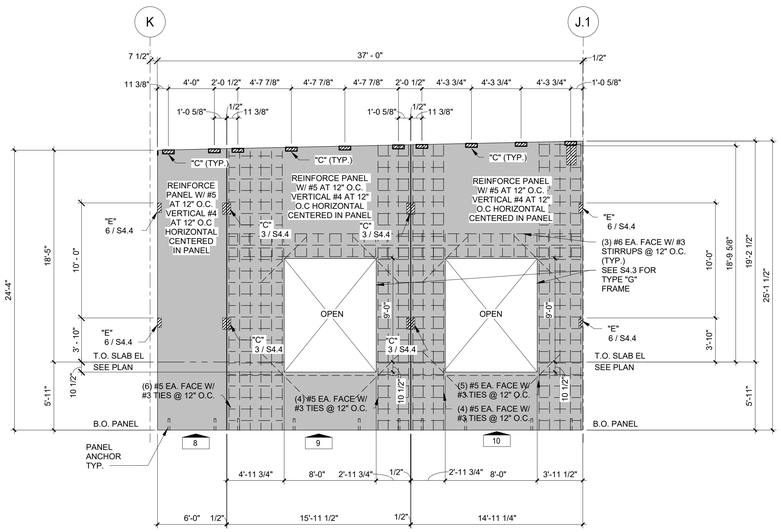
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TILT PANEL KEY PLAN

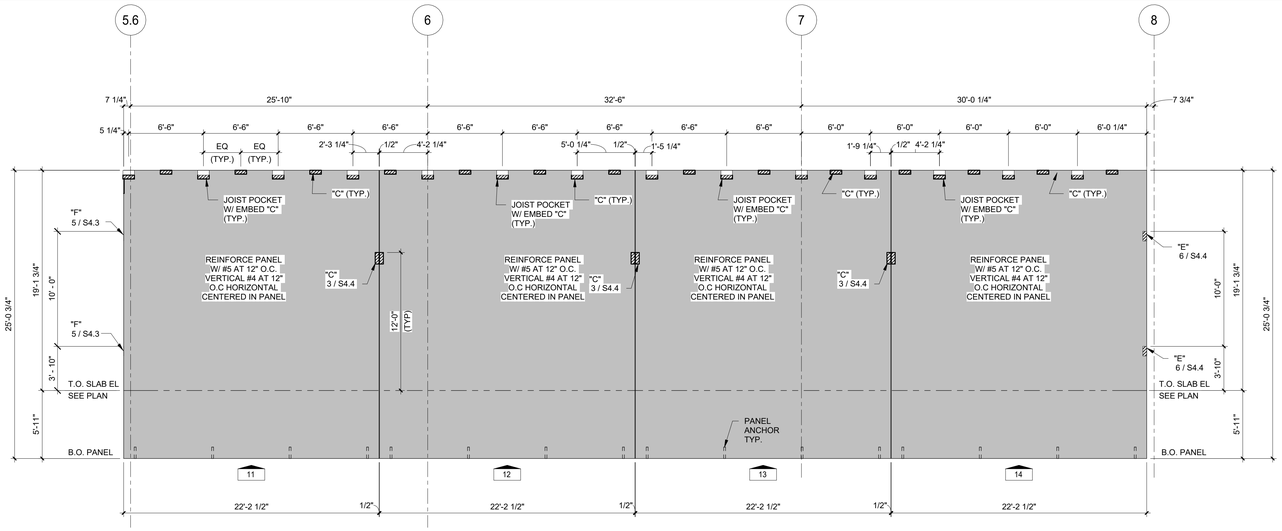
SHEET:
S6.0



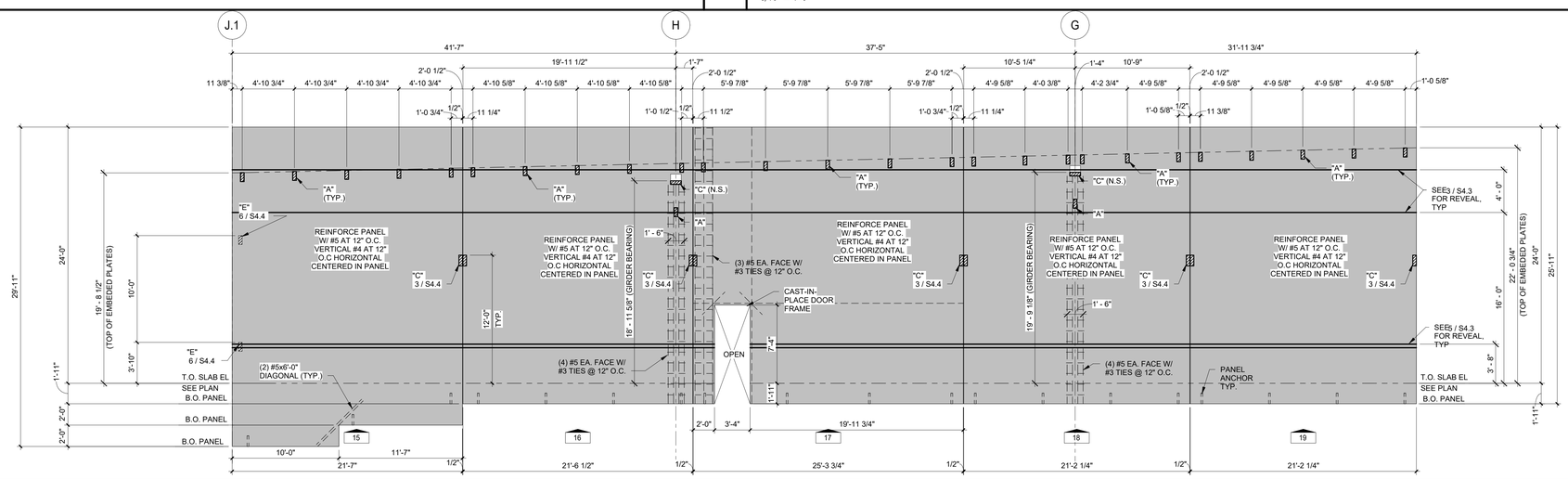
1 **Section 4**
3/16" = 1'-0"



2 **Section 13**
3/16" = 1'-0"



3 **Section 5**
3/16" = 1'-0"



4 **Section 8**
3/16" = 1'-0"

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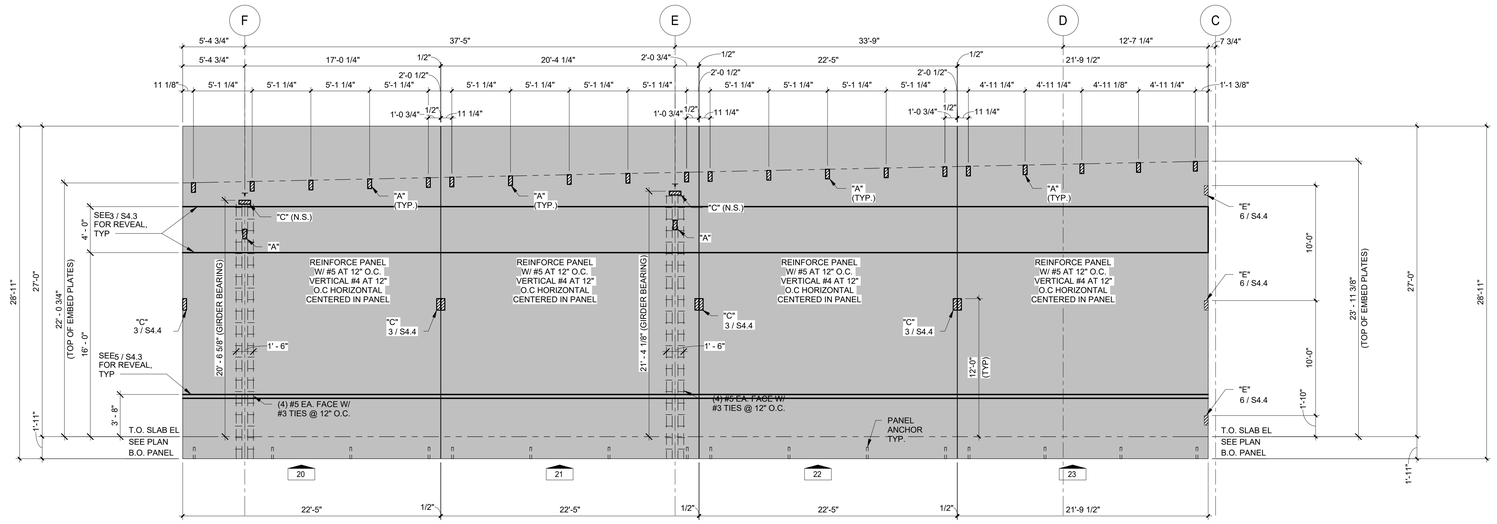
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LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

Professional of Record:
Michael Thomas Lee
License No.: 20482
Exp. Date: 12/31/26

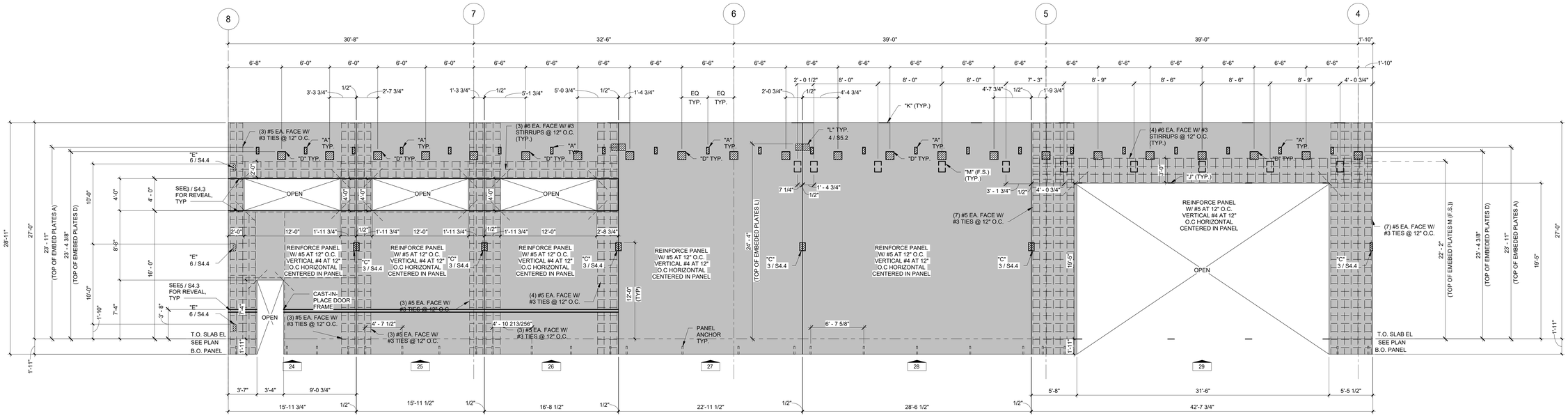
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PANEL ELEVATIONS

SHEET:
S6.1



1 **Section 9**
3/16" = 1'-0"



2 **Section 6**
3/16" = 1'-0"

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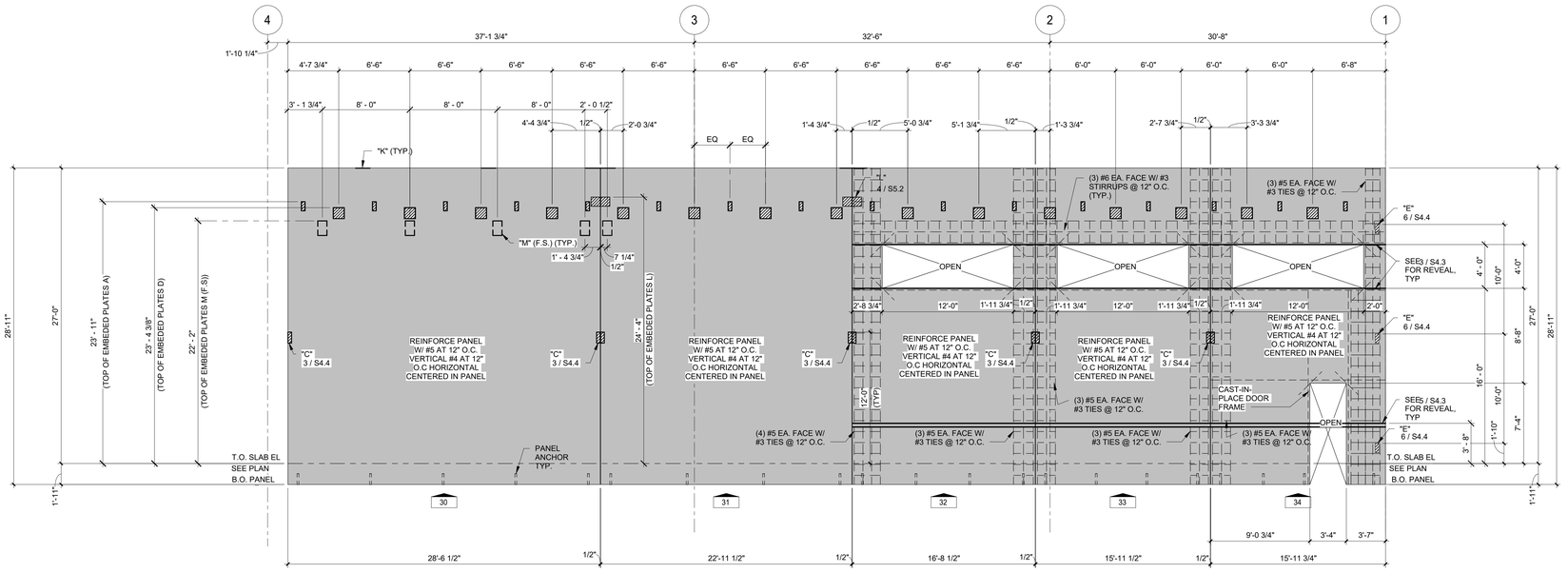
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01/13/2026

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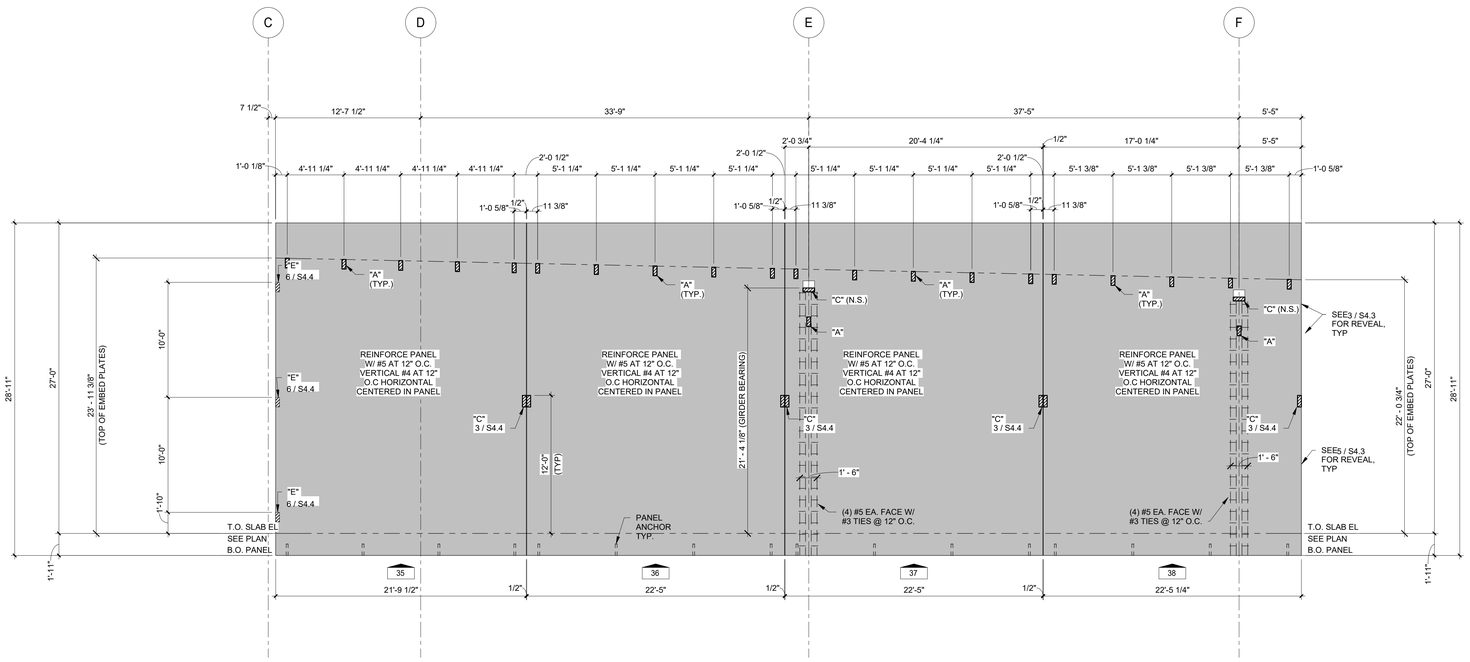
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PANEL ELEVATIONS

SHEET:
S6.2



1 **Section 12**
3/16" = 1'-0"



2 **Section 7**
3/16" = 1'-0"

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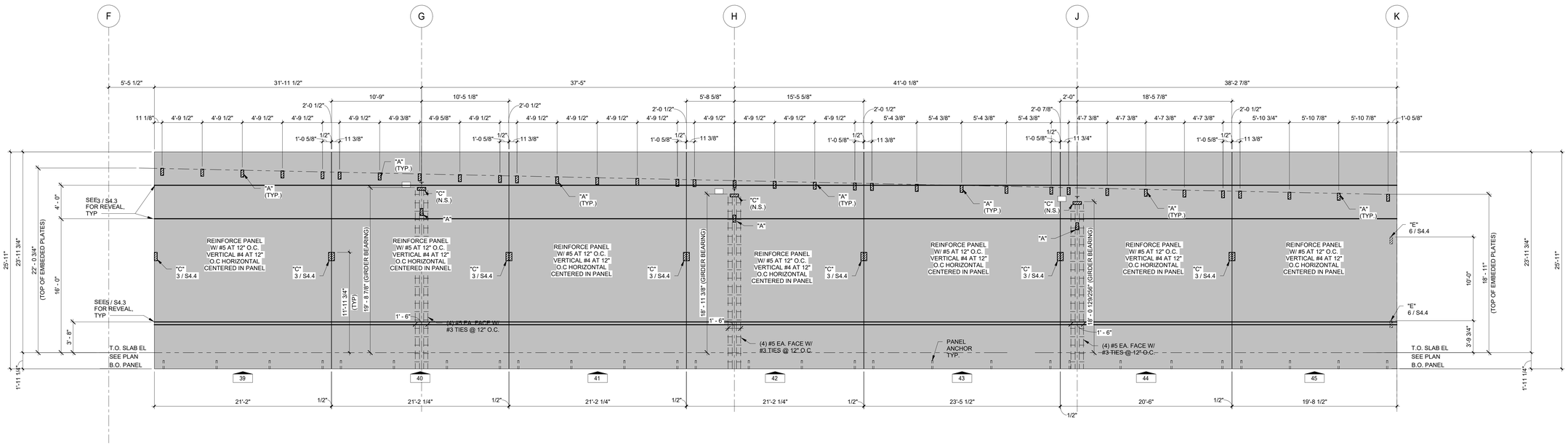
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PANEL ELEVATIONS

SHEET:
S6.3



1 **Section 11**
3/16" = 1'-0"

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LICENSED PROFESSIONAL ENGINEER
No. 20482
MICHAEL THOMAS LEE
01/13/2026

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PANEL ELEVATIONS

SHEET:
S6.4