





# ARCHITECTURAL

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I hereby certify that these plans and specifications have been prepared by me, or under my supervision. I further certify that to the best of my knowledge these plans and specifications are as required by law and in compliance with the Arkansas Fire Prevention Code for the State of Arkansas.

01-31-2025

Date



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# BUILDING INFORMATION REFER ALSO TO INCLUDED LIFE SAFETY DRAWINGS

# PROJECT NAME

**PROJECT DESCRIPTION:** OCCUPANCY AND USE SEPARATION:

FIRE PROTECTION (CH 9): PROJECT SIZE (GROSS SQUARE FEET) CONSTRUCTION TYPE (601) SEPARATION DISTANCE (602)

USE AND OCCUPANCY CLASSIFICATION - CHAPTER 3

### ENGLISH PUB

- NEW, 2 STORY ENGLISH PUB INSPIRED RESTAURANT.
- FLOORS 1 AND 2 CONTAINING BOTH KITCHEN / BAR AND DINING.
- THE BUILDING IS FULLY SPRINKLERED
- 4,852 SF TOTAL
- TYPE V-B, PROTECTED
- 30' SEPARATION DISTANCES ARE PROVIDED ON ALL SIDES OF THE BUILDING EXCEPT FOR A PORTION OF THE SOUTH WALL WHERE 22' IS PROVIDED. THIS PORTION OF EXTERIOR WALL IS RATED 1-HR.

**CODE SEARCH** APPLICABLE BUILDING CODE FOR PROJECT: 2012 ARKANSAS FIRE PREVENTION CODE VOL 1, BUILDING [BASED ON THE 2012 INTERNATIONAL BUILDING CODE WITH AMENDMENTS]

PRIMARY OCCUPANCY : BUSI ACCESSORY OCCUPANCY : AS		NOTES: • REFER TO C	H 5 NOTES BI	ELOW FOR	ACCESSORY AREA(S).		
SPECIAL OCCUPANCIE	S- CHAPTER 4						
(SECT. 404) ATRIUM - N	ONE REQUIRED	N/A					
· · · · ·	TFORMS AND PRODUCTION AREAS	N/A					
AREA AND HEIGHT- CH	APTER 5						
TABLE 503 - HEIGHT (BUSINE	SS, CONSTR. V-B)	NOTES:					
ACTUAL HEIGHT = 2	STORIES / 33 FT	ALLOWABLE	E HEIGHT AND	D STORY IN	CREASE DUE TO SPRIM	NKLER SYSTEM INST	ALLATION (504.2
TABLE 503 - AREA (BUSINESS	, CONSTR. V-B)	TOTAL GR	OSS FLOOR A	REA	MAIN O	CCUPANCY	ACCESSOR
ALLOWABLE AREA/STORY	= 6,000 SF	FLOOR 1:	2,856 SF		BUSINESS (B):	2,856 SF	
LARGEST ACTUAL STORY ARE	•	FLOOR 2:	1,996 SF	-	BUSINESS (B):	1,996 SF	
*506.3 SPRINKLER AREA NOT F	PEQUIRED	NOTES:	4,852 SF	TOTAL	1		
		ALLOWABLE     ASSEMBLY	E BUILDING A	REA INCRE	ASE DUE TO SPRINKLE ASE DUE TO STREET F ENTS OF 'ACCESSORY ( RED.	RONTAGE (506.2) -	- NOT REQUIRED
TABLE 509 - INCIDENTAL ARI	EAS	NOTES:					
		NO INCIDEN	TAL USES REC	QUIRING SP	ECIAL RATINGS OCCU	IR IN THIS PROJECT.	
TYPES OF CONSTRUCT	TION - CHAPTER 6						
TABLE 601 - FIRE RESISTANC	E RATING REQT'S	PRIMARY STRUCTU	JRAL FRAME	= 0	HR (NOT RATED)		
CONSTRUCTION TYPE = <u>V-B</u>		EXTERIOR BEARING EXTERIOR NON-BE INTERIOR BEARING INTERIOR NON-BEA FLOOR AND SECON ROOF AND SECON NOTES: • REFER TO • REFER TO	G WALLS ARING WALLS WALLS NDARY SUPPO DARY SUPPOF LIFE SAFETY LIFE SAFETY	= N S = 0 F = 0 ORTS = 0 RTS = 0 PLANS FOI SECTIONS	I/A HR UNLESS DRIVEN E I/A HR UNLESS SPECIAL HR	ROOM USE PER LIFE VIDUAL RATED ROO ECTIVITY DIAGRAMS	E SAFETY PLAN DM OR SHAFT LOC
TABLE 602 - SEPARATION DIS	STANCE	PARTY WALL TO T EXTENTS.	HE WEST OF	BUILDING I	REQUIRES A 2HR RATI	NG. REFER TO THE	E LIFE SAFETY PL/
RATED CONSTRUCTIO	N AND ASSEMBLIES -	CHAPTER 7					
RATED CONSTRUCTION ASSE	MBLY DESCRIPTION WITH UI	L LISTING		<b>STANDAR</b>	D FIRESTOP ASSEMBL	IES	
PRIMARY STRUCTURE:	FLOOR BEAMS : SPRAYED FI - (NO RATING RQ'D)	IREPROOFING			ENETRATIONS; SELF L FI CP604	EVELING FIRESTOP	SEALANT: (BS 476-20 ; F
	COLUMNS: SPRAYED FIREPR - (NO RATING RQ'D)	ROOFING			ALL PENETRATIONS: I FS-ONE (AS PART OF	F TESTED SYSTEM F	OR WALL TYPE &
FLOOR CONSTRUCTION:	WOOD DECK ON WOOD - (NO RATING RQ'D)	JOISTS			NETRATIONS AT RATE D SLEEVE, HILTI CP 6		OMS: (UL W-L-2537
ROOF CONSTRUCTION:	WOOD DECK ON WOOD JOIS - UL D907(1 HR RATING				O WALL, HEAD OF WA XIBLE FIRESTOP SEAL		
	1 HR GYPSUM BD. WALLS: 1 HR GYPSUM BD. SHAFTWA 2 HR AREA SEPARATION WA						
				SUBMITTA	REFER TO SPECIFICATI L DRAWING REQUIREM MISSION TO AND REVIE	ENTS. ALTERNATE	FIRESTOPPING SYS

MEANS OF EGRESS - CHAPTER 10 TABLE 1004.1.2 - PROJECT OCCUPANT LOADS TOTAL FLOOR OCCUPANCY FLOOR OCCUPANCY BY USAGE ASSEMBLY, UNCONCENTRATED = 15 NET ACCESSORY STOR, MECH, ELEC... = 300 GROSS KITCHEN = 200 GROSS FLOOR 1 TOTAL: 158 OCCUPANTS FLOOR 1: REFER TO ALS 01 FOR OCCUPANCY PER SQUAREFOOTAGE CALCULATIONS FLOOR 2: REFER TO ALS 01 FOR OCCUPANCY PER SQUAREFOOTAGE CALCULATIONS FLOOR 2 TOTAL: 48 OCCUPANTS BUILDING TOTAL: 206 OCCUPANTS 1004.5 - OUTDOOR AREAS NOTES: OUTDOOR DINING ON FLOOR 2 TOTALING 693 SF COURTYARD SPACE ADJACENT TO PUBLIC WAY ON FLOOR 1 TOTALING 471 SF CH 10 EGRESS COMPONENTS - NUMBER, WIDTH, AND/OR RATINGS <u>COMPONENT</u> REQUIRED NUMBER / WIDTH / RATING PROVIDED NUMBER / WIDTH / RATING EGRESS WIDTH AT STAIRWAYS - 1005.3.1 TOTAL STAIR WIDTH = MAX OCC. LOAD SERVED X .3" 36" TOTAL STAIR WIDTH PROVIDED = 49 X .3" = 14.7" (\*MIN STAIRWAY EXCEPTION WITH SPRINKLER PER 1009.3.2.1 & 3.2.2) EGRESS WIDTH AT OTHER COMPONENTS - 1005.3.2 WIDTH OF COMPONENT = MAX OCC. LOAD SERVED X .15" VARIES. REFER TO LIFE SAFETY PLANS FOR OCCUPANT COUNT (\*MIN CORRIDOR WIDTH = 44" PER TABLE 1018.2) REQUIRED / PROVIDED AT DOORS AND CORRIDORS ELEVATOR AS ACCESSIBLE MEANS OF EGRESS - 1007.2.1 NOT REQUIRED IN BUILDINGS 3 STORIES OR LESS N/A (NONE IN PROJECT) ACCESSIBLE AREA OF REFUGE - 1007.3 (EX 6) NOT REQUIRED IN FULLY SPRINKLERED BUILDINGS INTERIOR EXIT STAIR - 1009.2 / 1023 1 HR WHEN CONNECTING LESS THAN 4 STORIES 1 HR NO ENCLOSURE REQUIRED IN SPRINKLERED BUILDINGS EXIT ACCESS STAIRWAY - 1009.3 N/A (NONE IN PROJECT) COMMON PATH OF TRAVEL (MAX) - TABLE 1014.3 100' (SPRINKLERED) <100' EXIT ACCESS TRAVEL DISTANCE (MAX) - TABLE 1017.2 250' (SPRINKLERED) (DEAD END< 20' PER 1020.5) <250' (<20' AT ALL DEAD ENDS) CORRIDOR RATING - TABLE 1020.2 NO RATING IN FULLY SPRINKLERED BUILDING 0 HR (NO RATED CORRIDORS) 2 EXITS PER STORY (1-500 PEOPLE) EXITS REQUIRED - SECTION 1022 MINIMUM OF 2 EXITS PROVIDED AT FIRST STORY HORIZONTAL EXITS - 1026 N/A (NONE IN PROJECT) MINIMUM 2 HR SEPARATION EXIT DISCHARGE - 1027.1 < 50% OF STAIRS MAY EXIT INTO THE BUILDING STAIR EXITS DIRECTLY TO EXTERIOR ASSEMBLY OCCUPANCIES - 1028 MISC. PROVISIONS FOR EGRESS AND LOBBIES ALL ASSEMBLY SPACES ARE SINGLE FLOOR ROOMS < 100 OCC. **SPECIAL INSPECTIONS - CHAPTER 17** 

REFER TO SPECIFICATIONS FOR SPECIAL INSPECTION REQUIREMENTS.

RINKLER SYSTEM INSTALLATION (504.2) - NOT REQUIRED

ACCESSORY OCCUPANCY (<10% OF FLOOR)

OCCUPANCY' PER 508.2; THEREFORE, NO SEPARATION BETWEEN

BY FIRE SEPARATION DISTANCE (TABLE 602)

DIVIDUAL RATED ROOM OR SHAFT LOCATIONS

TING. REFER TO THE LIFE SAFETY PLAN FOR RATED WALL

(BS 476-20 ; FM APPROVAL - CLASS 4990)

OF TESTED SYSTEM FOR WALL TYPE & OBJECT PENETRATING)

(UL W-L-2537 SYSTEM)

ALANT, HILTI CP 606 (AS PART OF TESTED SYSTEM FOR APPLICATION)

TIONS FOR ADDITIONAL FIRESTOPPING INFORMATION AND MENTS. ALTERNATE FIRESTOPPING SYSTEMS WILL BE CONSIDERED



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PSW Job Number: 1001B

**ENGLISH PUB** Little Rock, Arkansas

BID DOCUMENTS Issue Date: 01/31/25

REVISIONS NUMBER DATE DESCRIPTION

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ALS 01	FIRST FLOOR LIFE SAFETY PLAN				

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SHEET
NO.

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SHEET		ISSUE	LATEST REVISION	RE
NO.	SHEET NAME	DATE	DATE	DESC

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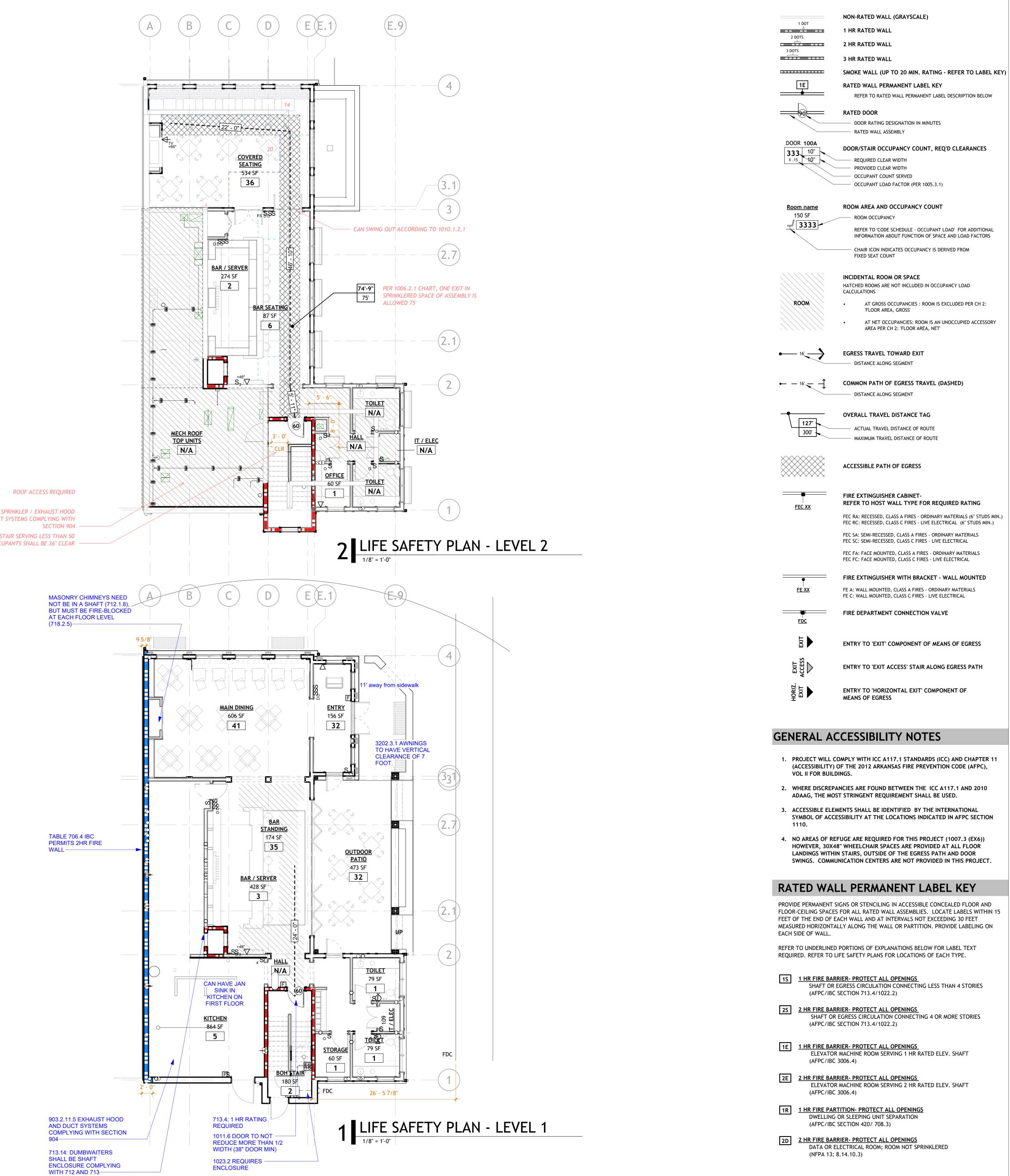


ROOM					CALCULATED
NO.	ROOM NAME	ROOM AREA	FUNCTION OF SPACE (T1004.1.2)	LOAD FACTOR	OCCUPANT LOAD
Not Pla	ced				
)57	SEATING	Not Placed	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS) (15 NET)	15 SF	
FF					
105	HALL	50 SF			
106	BOH STAIR	180 SF	BUSINESS AREAS (150 GROSS)	150 SF	2
107	HALL	128 SF			
108	TOILET	79 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	300 SF	1
113	OUTDOOR PATIO	473 SF	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS) (15 NET)	15 SF	32
ASSEMB	BLY (A-2)				158 OCCUPANTS
101	ENTRY	156 SF	ASSEMBLY - STANDING SPACE (5 NET)	5 SF	32
102	MAIN DINING	606 SF	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS) (15 NET)	15 SF	41
103	BAR / SERVER	428 SF	KITCHENS, COMMERCIAL (200 GROSS)	200 SF	3
104	BAR STANDING	174 SF	ASSEMBLY - STANDING SPACE (5 NET)	5 SF	35
111	STORAGE	60 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	300 SF	1
112	KITCHEN	864 SF	KITCHENS, COMMERCIAL (200 GROSS)	200 SF	5
UTILITY	( / MISC (U)				
109	IT / ELEC	24 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	300 SF	1
110	TOILET	79 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	300 SF	1
LEVEL 2	2 FF				45 OCCUPANTS
113	Room	112 SF			
201	COVERED SEATING	534 SF	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS) (15 NET)	15 SF	36
202	BAR / SERVER	274 SF	KITCHENS, COMMERCIAL (200 GROSS)	200 SF	2
203	BAR SEATING	87 SF	ASSEMBLY - CONCENTRATED CHAIRS (ONLY) (7 NET)	15 SF	6
204	HALL	158 SF	ASSEMBLY - UNCONCENTRATED (TABLES AND CHAIRS) (15 NET)	0 SF	
205	JANITOR	22 SF		0 SF	
206	TOILET	78 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	0 SF	
207	IT / ELEC	24 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	0 SF	
208	TOILET	79 SF	ACCESSORY STORAGE, MECH EQUIP (300 GROSS)	0 SF	
209	OFFICE	60 SF	BUSINESS AREAS (100 GROSS)	100 SF	1
210	STORAGE	20 SF			
211	MECH ROOF TOP UNITS	Not Enclosed	KITCHENS, COMMERCIAL (200 GROSS)	0 SF	
Grand t	otal				199

# PLUMBING FIXTURE COUNTS

CLASSIFICATION	ON DESCRIPTION	WATER CLOSETS [WC]		LAVATORIES		BATHTUBS /	DRINKING	OTHER	*URINALS
CLASSIFICATION		MALE	FEMALE	MALE	FEMALE	SHOWERS	FOUNTAIN	UTHER	SECTION 424.2 SUBSTITUTION FOR WC
ASSEMBLY FOOD COURTS		1 PER 75 1 PER 75		1 PER 200		N/A	1 PER 500	1 SERVICE SINK	NOT MORE THAN 67% OF REQ'D WC'S PER TOILET ROOM
REQUIRED: PLUMBIN	IG FIXTURE CALCU	ATIONS BAS	SED ON PROJI		PANT LOAD	)			
		WC's REQ.		LAVATORIES REQ.		BATHTUBS /	DRINKING		*URINALS
TOTAL OCCUPANT LOAD: <u>215</u> / 2 =		MALE	FEMALE	MALE	FEMALE	SHOWERS REQ.	FOUNTAIN REQ.	OTHER REQ.	SECTION 424.2 SUBSTITUTION FOR WC
108 MALE AND 108 FEMALE		103/75 = 1.37	103/75 = 1.37	103/200 = .51	103/200 = .51	N/A	<u>N/A</u>	<u>1 SERVICE SINK REQ.</u>	<u>N/A</u>
				<u>1 REQ.</u>	<u>1 REQ.</u>				

2 MALE, 2 FEMALE PROVIDED IN PROJECT.



903.2.11.5 SPRINKLER / EXHAUST HOOD AND DUCT SYSTEMS COMPLYING WITH 1011.2.1 STAIR SERVING LESS THAN 50 OCCUPANTS SHALL BE 36" CLEAR -

# LIFE SAFETY LEGEND

# RATED WALL PERMANENT LABEL KEY

PROVIDE PERMANENT SIGNS OR STENCILING IN ACCESSIBLE CONCEALED FLOOR AND FLOOR-CEILING SPACES FOR ALL RATED WALL ASSEMBLIES. LOCATE LABELS WITHIN 15 FEET OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION. PROVIDE LABELING ON



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LIMITS OF DISTURBANCE CONSTRUCTION ROCK ENTRANCE SILT FENCE INLET PROTECTION SILT SOCK / BIG RED

# **ODEMOLITION KEYNOTES**

- 100 EXISTING TO BE REMOVED AND / OR DEMOLISHED 103 EXISTING TO BE RELOCATED
- 104 LIMITS OF SAWCUT AND PAVEMENT REMOVAL 105 PROTECT EXISTING STRUCTURES AND / OR PIPES DURING DEMOLITION AND
- CONSTRUCTION PHASES 106 LIMITS OF DISTURBANCE
- 107 CONTRACTOR TO COORDINATE w/ LOCAL UTILITY PROVIDER FOR REMOVAL / RELOCATION OF EXISTING UTILITY

# EROSION CONTROL DETAILS

50A SILT FENCE 50N TEMPORARY CONCRETE WASHOUT 50P TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

### Universal Soil Loss Equation: A=RKLSCP City of Little Rock allowable rate of soil loss is 5 tons/acre/year

<u>No Controls</u> R=300 for Pulaski County, per page 10-21 CLR Storm Water Drainage Manual. Soil- Ut from USDA Online Resource for Pulaski County, Arkansas **K=0.32** from table 10-1 in the CLR Storm Water Drainage Manual. Slope=4% (Cumulative slope of entire site) Length=160 ft LS= 0.471 from table 10-2 in the CLR Storm Water Drainage Manual. C=1 (No protection) **P=1** (No protection)

A=300\*0.32\*0.471\*1\*1=45.216 tons/acre/year (Not acceptable)

Silt Fence, Mulch, and Ditch Checks R=300 for Pulaski County, per page 10-21 CLR Storm Water Drainage Manual. Soil- Ut from USDA Online Resource for Pulaski County, Arkansas **K=0.32** from table 10-1 in the CLR Storm Water Drainage Manual. Slope=8% (Cumulative slope of entire site) Length=150 ft LS= 1.21 from table 10-2 in the CLR Storm Water Drainage Manual. **C=0.12** (Straw or hay loose at a mulch rate of 2 ton/acre) **P=0.5** (Diversion ditches, rock check dams, silt fences) A=300\*0.32\*0.471\*0.12\*.50=2.71 tons/acre/year (Acceptable)

# **GENERAL DEMOLITION NOTES**

1. ALL AREAS WITHIN THE LIMITS OF DISTURBANCE THAT DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED

- 2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE APPROP AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDE UTILITIES IN THE AREA CAN BE LOCATED.
- 3. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH THE FOR REFERENCE. THE LOCATION OF KNOWN SUBSURFA POWER, GAS, PHONE, ETC. ARE SHOWN ON THE PLANS RESPONSIBLE FOR OBTAINING INFORMATION AND SATISF THE LOCATION OF THE AFOREMENTIONED ITEMS, SHOWI REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE OWNER OF THE UTILITY OR STRUCTURE. THE COST RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTR
- 4. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS RESUL IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDER GOVERN SUCH OPERATIONS.
- 5. ALL ABANDONED SERVICE LINES SHALL BE DISCONNE UTILITY COMPANIES REQUIREMENTS. COORDINATE ALL UTILITY COMPANIES. 6. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CI
- OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH 7. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION
- CONSTRUCTION PLANS. 8. EXISTING CLEAN TOPSOIL TO BE STOCKPILED FOR FUTUR
- IS TO BE COORDINATED BY THE GENERAL CONTRACTOR. 9. ALL EXISTING WATER, GAS AND / OR ELECTRICAL MI REMOVED WITHIN THE PROJECT AREA ARE TO BE RETURN AUTHORITY.

# GENERAL EROSION CONTRO

- 1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRAV FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITION PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY OWNER OR AS DICTATED BY CONDITIONS AT NO ADDIT THROUGHOUT ALL PHASES OF CONSTRUCTION.
- 2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAIN
- 3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMU AS REQUIRED BY THE GENERAL PERMIT.
- 4. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- 5. ALL WASH WATER SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED. 6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- 7. DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- 8. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- 9. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS.
- 10. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED. PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE
- 11. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- 12. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- 13. CONTRACTOR SHALL DESIGNATE / IDENTIFY AREAS INSIDE THE LIMITS OF DISTURBANCE, FOR WASTE DISPOSAL AND DELIVERY AND MATERIAL STORAGE.
- 14. ALL BMP'S SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED BY A MINIMUM OF 80% GRASS COVERAGE.
- 15. ALL DEWATERING ACTIVITIES SHALL CONFORM TO ALL FEDERAL, STATE, AND LOCAL REQUIREMENTS. DISCHARGED WATER MUST BE PROPERLY TREATED BEFORE RELEASING FROM THE SITE.

# BMP MAINTENANCE

THE CONTRACTOR SHALL IMPLEMENT ALL MEASURES SHOWN ON THE EROSION CONTROL PLAN AND IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) TO THE FULLEST EXTENT PRACTICAL. THE CONTRACTOR SHALL HAVE CHECKED ALL SEDIMENT AND EROSION CONTROL MEASURES BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS OR EVERY FOURTEEN (14) DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT EXCEEDING 0.25". ALL SITE BMPS SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE HAS OCCURRED. ALL SITE BMPS SHALL BE REPAIRED AND / OR CLEANED IN ACCORDANCE WITH THE FOLLOWING:

- 1. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE(S) IN A SUCH A CONDITION THAT WILL PREVENT MUD BEING TRACKED INTO ANY PUBLIC RIGHT OF WAY(S). THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL CONSTRUCTION ENTRANCE(S) AS NECESSARY.
- 2. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION. THIS MAY REQUIRE PERIODIC TOP DRESSING OF ALL PARKING AND STORAGE AREA(S) AS NECESSARY.
- 3. CONTRACTOR SHALL REPAIR ALL SILT FENCING TO THEIR ORIGINAL CONDITION IF DAMAGED; SEDIMENT SHALL BE REMOVED FROM ALONG THE FENCE WHEN
- SEDIMENT REACHES NO MORE THAN ONE-HALF THE HEIGHT OF THE SILT FENCE. 4. INLET BMPS SHALL BE REPAIRED AND/OR REPLACED IF THEY SHOW SIGNS OF
- UNDERMINING. CONTRACTOR SHALL REPLACE IF THEY SHOW SIGNS OF DETERIORATION.
- IS MAINTAINED. CONTRACTOR SHALL FERTILIZE AND RESEED THOSE AREAS AS NECESSARY
- 6. IF THE GRAVEL FOUND IN ANY SEDIMENT FILTER(S) BECOME CLOGGED WITH SEDIMENT, CONTRACTOR SHALL PULL THE GRAVEL AWAY, CLEAN THE GRAVEL, AND REPLACE IN THE SEDIMENT FILTER(S).
- 7. OUTFALL STRUCTURES IN SEDIMENT BASINS SHALL BE KEPT IN OPERATIONAL CONDITIONS AT ALL TIMES AND DURING ALL PHASES OF CONSTRUCTION. ANY SEDIMENT FOUND IN THE BASIN SHALL NOT EXCEED THE DEPTH OF THE CLEAN-OUT LEVEL (SITE SPECIFIC).
- 8. THE EMBANKMENT OF THE SEDIMENT BASIN(S) AND/OR TEMPORARY SEDIMENT TRAPS AND THEIR OUTFALL STRUCTURES SHALL BE CHECKED REGULARLY TO ENSURE THEY ARE STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED DUE TO EROSION OR CONSTRUCTION (SITE SPECIFIC).
- 9. ALL SEDIMENT FOUND IN THE TEMPORARY SEDIMENT TRAP SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS REACHED NO MORE THAN ONE-HALF THE DEPTH OF THE TEMPORARY SEDIMENT TRAP (SITE SPECIFIC).

# SEQUENCE OF CONSTRUCTION

- 1. INSTALL PERIMETER EROSION CONTROL MEASURES AND TEMPORARY CONSTRUCTION ENTRANCES/CONCRETE WASHOUT. 2. EXCAVATION AND EMBANKMENT TO FORM THE PAVEMENT OR GRADED AREAS.
- 3. INSTALL STORM SEWER (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL).
- 4. INSTALL UNDERGROUND UTILITIES (ADJUST EXISTING SEDIMENT BARRIERS AS NECESSARY TO MAINTAIN SEDIMENT CONTROL); ADDITIONAL SEDIMENT BARRIERS SHALL BE UTILIZED AS REQUIRED TO BOUND THE DOWN SLOPE SIDE OF UTILITY CONSTRUCTION AND SOIL STOCKPILES.
- 5. INSTALL BUILDING. 6. FINAL GRADING (SEDIMENT BARRIERS SHALL BE MAINTAINED DOWN SLOPE FROM DISTURBED SOIL DURING THIS OPERATION).
- 7. INSTALL PAVING. 8. COMPLETION OF ONSITE STABILIZATION.

9. REMOVE PERIMETER EROSION CONTROL MEASURES.

PLAN SCALE Know what's DeloW. (IN FEET) **Call before youdig** 1 inch = 10ft.

F ARE BOLDED ARE TO BE ON THIS PLAN.
PRIATE UTILITY COMPANY DER THAT UNDERGROUND
E TOPOGRAPHICAL SURVEY FACE STRUCTURES, PIPES, 5. CONTRACTOR SHALL BE SFYING HIMSELF TO AS TO VN AND NOT SHOWN. ALL DE AS REQUIRED BY THE F OF SUCH REPAIRS OR TRACTOR.
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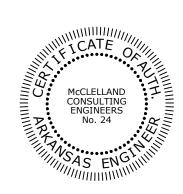
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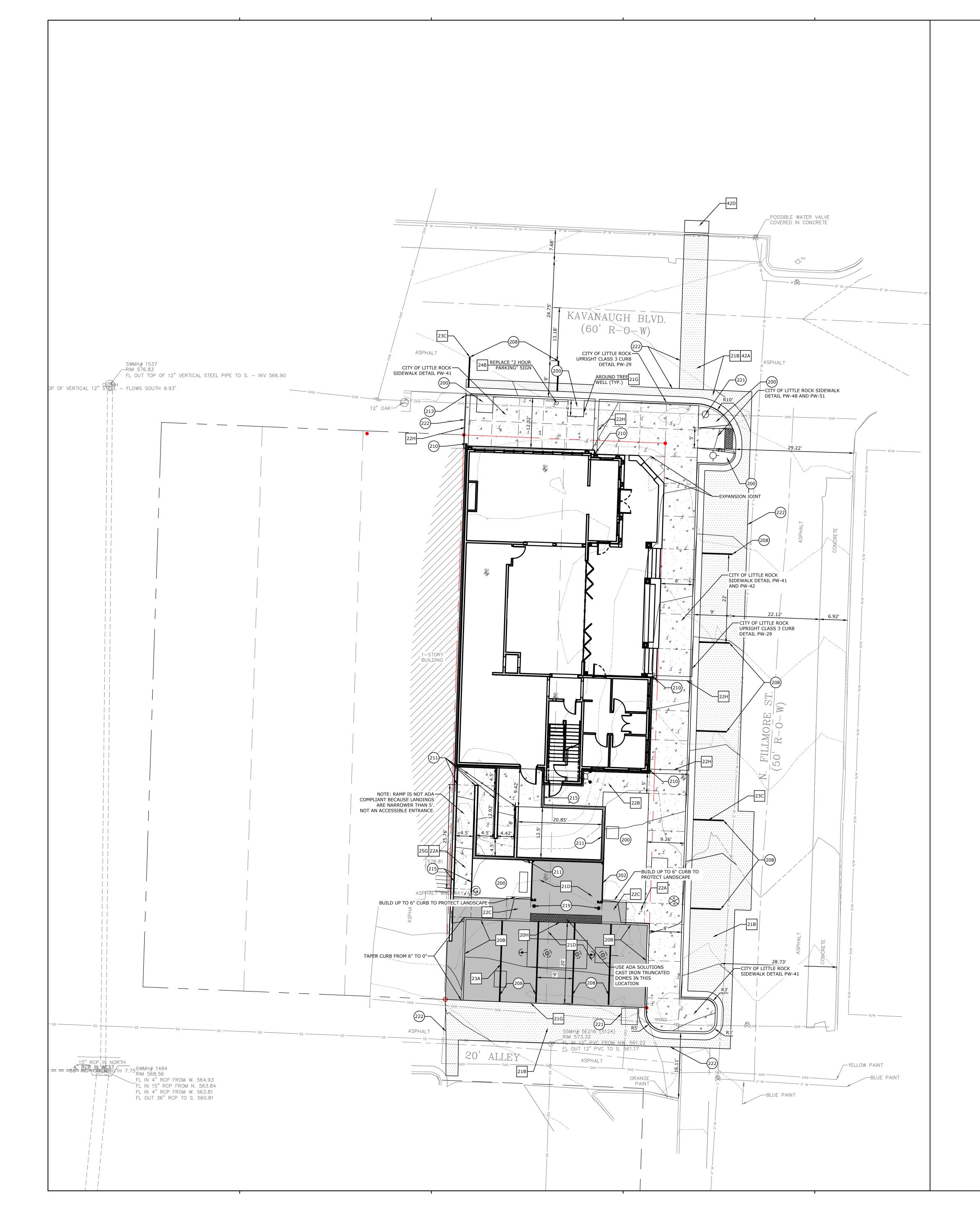
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**DEMOLITION AND** EROSION PLAN





PROPOSED LEGEND			
	CURB AND GUTTER		
	EASEMENT		
	SETBACK		
— — — TCE — — —	TEMPORARY CONSTRUCTION EASEMENT		
x	FENCE		
	PAINTED / THERMOPLASTIC STRIPING		
	HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL 21B)		
	CONCRETE SIDEWALK (SEE DETAIL 21C)		
	HEAVY DUTY CONCRETE (SEE DETAIL 21D)		
<ul> <li>■ ● ○</li> <li>■ ● ○</li> </ul>	CATCH BASIN		
	FLARED END SECTION		
6	SANITARY SEWER MANHOLE		
$\otimes$	PARKING STALL COUNT		
$\mathbf{\Theta}$	BUILDING CONTROL POINT		
FDC	FIRE DEPARTMENT CONNECTION		
	FIRE HYDRANT		
OPIV	POST INDICATOR VALVE		
$\otimes$	WATER METER		
Ø Ø	POWER POLE/POWER POLE & GUY		
¢	LIGHT POLE		
Ē	ELECTRICAL TRANSFORMER		
⊡ <sub>EP</sub>	ELECTRICAL PEDESTAL		
	TELEPHONE PEDESTAL		
⊡ <sub>TSP</sub>	TRAFFIC SIGNAL PEDESTAL		
=====	STORM DRAIN		
GAS	GAS LINE		
<b>G</b>	GAS METER		

# **OSITE KEYNOTES**

**A** 

- 200 LANDSCAPED AREA (SEE LANDSCAPE PLAN)
- 202 TRASH ENCLOSURE (SEE ARCH. PLANS) 207 4" WIDE DOUBLE REFLECTIVE WHITE TRAFFIC LANE STRIPE (SEE LENGTH

WATER LINE

CLEAN-OUT

- INDICATED AT SYMBOL) 208 4" WIDE PAINTED WHITE PARKING STRIPES 210 DOWNSPOUT / ROOF DRAIN (SEE ARCH. PLANS)
- 211 RETAINING WALL (SEE GRADING PLAN)
- 213 TAPER CURB TO MATCH EXISTING 215 HANDRAIL (SEE ARCH. PLANS) 219 BOLLARD (SEE ARCH, PLANS)
- 221 POINT OF RELOCATION 222 LIMITS OF SAWCUT AND PAVEMENT REMOVAL

# SITE DETAILS

- **20 SERIES: CURB AND GUTTER DETAILS** 20B TYPE 'A' INTEGRAL CONCRETE CURB & GUTTER
- 20H CONCRETE RIBBON CURB
- 21 SERIES: PAVEMENT DETAILS 21B HEAVY DUTY ASPHALT PAVEMENT 21C STANDARD DUTY CONCRETE PAVEMENT
- 21D HEAVY DUTY CONCRETE PAVEMENT
- 21G THICKENED EDGE OF PAVEMENT
- 22 SERIES: SIDEWALK AND CURB RAMP DETAILS 22A CONCRETE SIDEWALK 22B SIDEWALK w/ DOWNTURNED EDGE
- 22C PEDESTRIAN RAMP (PERPENDICULAR)
- 22F DETECTABLE WARNING SURFACE 22H SIDEWALK UNDERDRAIN

# **23 SERIES: PAVEMENT MARKINGS** 23A 90° PARKING / ADA ACCESSIBLE PARKING SPACE STRIPING

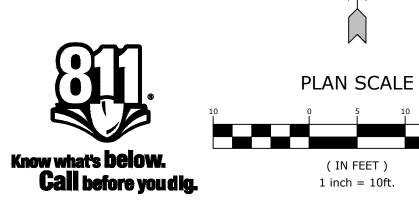
- 23C PARALLEL PARKING SPACE STRIPING 24 SERIES: POST AND SIGNAGE
- 24B SIGN POST

### **25 SERIES: SITE STRUCTURES** 25G RAMP DETAIL

- **42 SERIES: PAVEMENT REPAIR** 42A ASPHALT PAVEMENT REPAIR
- 42D SIDEWALK PAVEMENT REPAIR

# GENERAL SITE NOTES

- 1. CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
- 2. CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE SITE WORK SPECIFICATIONS PROVIDED BY McCLELLAND CONSULTING ENGINEERS, INC. OR AS SPECIFIED BY THE OWNER'S RESIDENT REPRESENTATIVE.
- 3. ALL CONSTRUCTION WORK AND UTILITY WORK OUTSIDE OF PROPERTY BOUNDARIES SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.
- 4. PUBLIC CONVENIENCE AND SAFETY: THE CONTRACTOR SHALL CONDUCT THE WORK IN A MANNER THAT WILL INSURE, AS FAR AS PRACTICABLE, THE LEAST OBSTRUCTION TO TRAFFIC AND SHALL PROVIDE FOR THE CONVENIENCE AND SAFETY OF THE GENERAL PUBLIC AND RESIDENTS ALONG AND ADJACENT TO HIGHWAYS IN THE CONSTRUCTION AREA IN AN ADEQUATE AND SATISFACTORY MANNER IN ACCORDANCE WITH THE ARDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
- 5. UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 6" CONCRETE CURB AND GUTTER.
- 6. ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE FACE OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
- 7. CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
- 8. CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
- 9. ALL RADII FOR CURBS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 10. ALL RADII ON CURBS ARE 3'-0" UNLESS OTHERWISE NOTED. 11. GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
- 12. FOR SITE UTILITIES, SEE UTILITY PLAN(S).
- 13. ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH THE OWNER'S STANDARD SITE SPECIFICATIONS.
- 14. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



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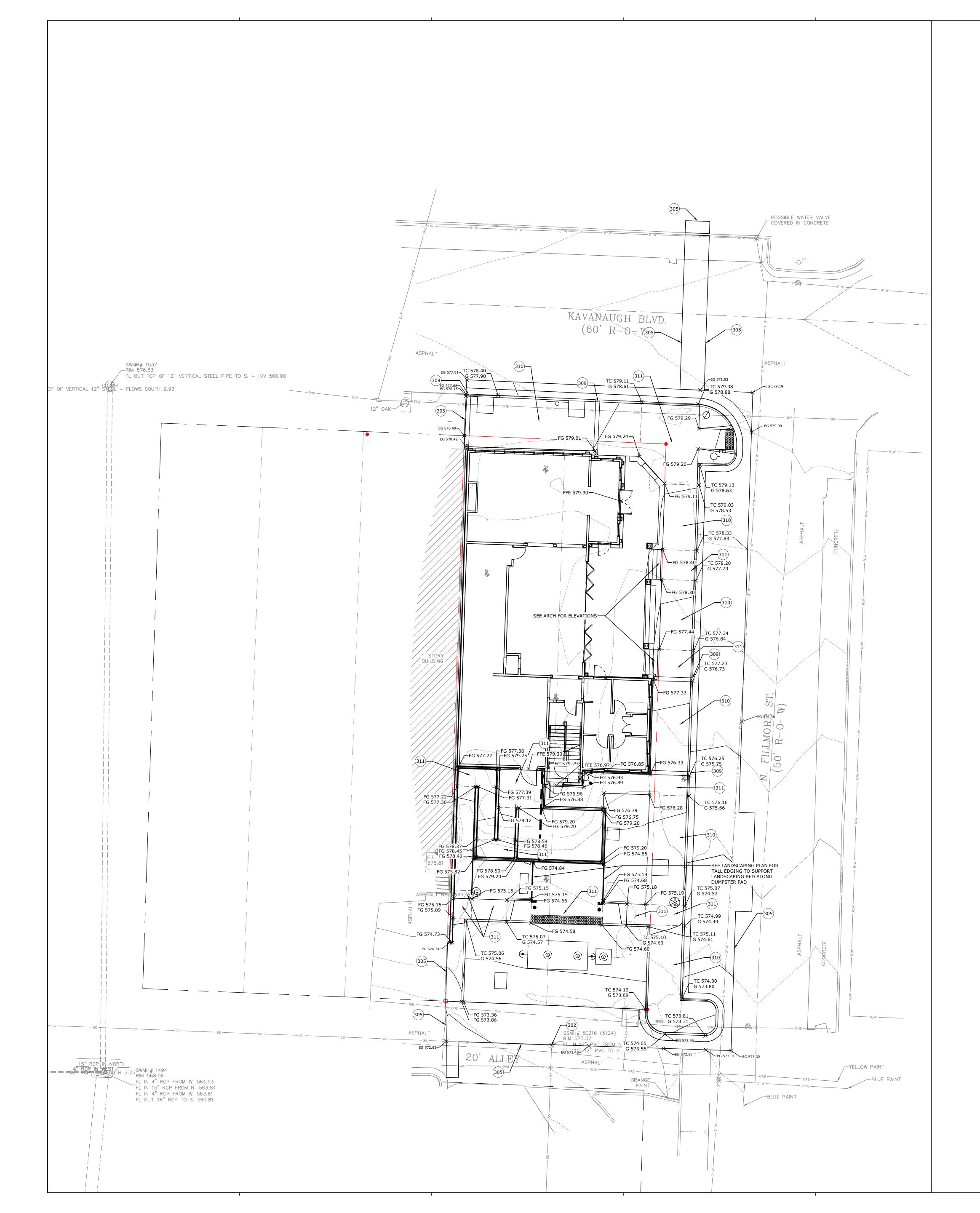
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SITE PLAN



### PROPOSED LEGEND \_\_\_\_\_ GRADE BREAK FLOWLINE — · — · — > — CONTOUR ELEVATION \_\_\_\_\_XXX \_\_\_\_\_ \_\_\_\_\_ STORM DRAIN 0 🔳 🗕 🗌 CATCH BASIN SANITARY SEWER MANHOLE FLARED END SECTION FLOW ARROW $\longrightarrow$ × XXX.XX SPOT ELEVATIONS FG = FINISHED GRADE G = NORMAL GUTTER INV = INVERT EG = EXISTING GRADE TW = FINISHED GRADE @ THT = THROAT FS = FINISHED PAVEMENT TOP OF WALL FL = FLOW LINE ELEVATION BW = FINISHED GRADE HP = HIGH POINT FFE = FINISHED FLOOR @ BOTTOM OF WALL LP = LOW POINT ELEVATION TS = TOP OF STAIRS SW = SIDEWALK TC = TOP OF CURB BS = BOTTOM OF STAIRS

## OGRADING/DRAINAGE KEYNOTES

- 300 DOWNSPOUT / ROOF DRAIN (SEE ARCH. PLANS)
  302 ADJUST RIM ELEVATION TO MATCH FINISHED GRADE
  305 MATCH EXISTING PAVEMENT ELEVATIONS
- 309 CURB OPENING (SEE WIDTH OF OPENING AT SYMBOL) 310 ADA PATH. NO MORE THAN 5% SLOPE ALONG THE PATH OF TRAVEL, AND 2%
- CROSS SLOPE 311 ADA LANDING / LOADING AREA. NO MORE THAN 2% SLOPE IN ANY DIRECTION

# GRADING/DRAINAGE DETAILS

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- **33 SERIES: DRAINS, CLEAN-OUTS, MISC.** 33E DOWNSPOUT COLLECTOR
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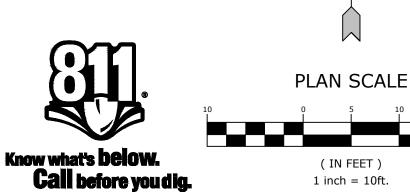
### GENERAL GRADING/DRAINAGE 1. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES

WITH CONSTRUCTION.

- 2. INFORMATION PERTAINING TO UNDER GROUND UTILITIES AVAILABLE RECORDS AND FIELD LOCATIONS WHEN CONTRACTOR MUST DETERMINE THE EXACT LOCATION A EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES AR ON THESE PLANS OR 18", WHICH EVER IS LESS, CONTACT OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONST
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION O UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT N THE OWNER.
   ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN
- RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTR OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEV IF THERE IS A QUESTION AS TO WHICH SPECIFICATION CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD NOT PROTOTYPICAL OR CONSTRUCTION CANNOT BE ACHIE SHALL SUBMIT SHOP DRAWINGS TO McCLELLAND CONSU FOR REVIEW AND APPROVAL.
- 5. CONTRACTOR SHALL COORDINATE WITH UTILITY COM EXISTING UTILITY LINE AS REQUIRED BY CUT AND FILL A TO THE OWNER.
- 6. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR IMPLEMENTATION OF SHEETING, SHORING, BRACING, AN MEASURES REQUIRED TO MEET ALL OSHA, FEDERA REGULATIONS PURSUANT TO THE INSTALLATION OF TH THESE DRAWINGS.
- ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER O OF FLARED END SECTIONS.
   WHERE THE WORD 'PIPE' IS USED, CONTRACTOR SHALL
- BIDDING PIPE WITH A SMOOTH INTERIOR HAVING AN 'N' N (UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE END 9. ALL DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE
- SPECIFIED OR APPROVED BY THE ENGINEER OF RECORD).
  10. RETAINING WALL(S) SHALL BE CONSTRUCTED TO EXTEND ABOVE THE TOP OF FINISHED GRADE. CONTRACTOR RETAINING WALL PLAN(S) FOR CONSTRUCTION AND D CONTRACTOR SHALL NOTIFY THE ENGINEER IF RETAINING
- ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SM SOIL APPLIED. THE AREA SHALL BE SEEDED AND WATERE GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING SEEDING MIX & SPECIFICATIONS).

FROM THIS.

- 12. STORM SEWER PIPE TRENCHING AND BEDDING (LOC EASEMENTS & RIGHT-OF-WAY) SHALL BE INSTALLED PER D
- 13. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN SEDIMENTATION CONTROL PRACTICES IN ACCORDANC CONTROL PLAN AND CONSTRUCTION SCHEDULE. CONTR RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
- REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND IT FOR USE IN FINISHING THE GRADING OF ALL CRITICAL A
   SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEP PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / C
- SPECIFICATIONS. 16. CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE
- 17. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RU STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS CONSTRUCTING STABLE FILLS.
- 18. DO NOT INCORPORATE FROZEN MATERIAL OR SOF COMPRESSIBLE MATERIALS INTO FILL SLOPES.19. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASU
- DURING ALL PHASES OF DEVELOPMENT. 20. PERMANENTLY STABILIZE ALL GRADED AREAS AFTER COMPLETED ON EACH AREA OF THE GRADING PLA STABILIZATION MEASURES ON ALL GRADED AREAS W
- INTERRUPTED OR DELAYED (SEE EROSION CONTROL PLAN)
  21. CONTRACTOR SHALL MATCH TOP OF PROPOSED DRAIN/ PROPOSED GRADES. IF A DISCREPANCY OCCURS BETWE AND PROPOSED STRUCTURE TOPS, THE GRADING SH DISCREPANCY IS MORE THAN 4 INCHES, THE CONTRACTO ENGINEER OF RECORD.
- 22. ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES S TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY23. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES
- UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXO SHALL CONTACT UTILITY LOCATING COMPANY (STATE O LOCATE ALL UTILITIES PRIOR TO GRADING START.
- 24. SITE GRADING SHALL NOT PROCEED UNTIL PERIMET MEASURES HAVE BEEN INSTALLED.25. REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCR
- AND INFORMATION ON EXISTING ROCK. 26. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF REC



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MPANIES ON ADJUSTING AT NO ADDITIONAL COST
OR THE DESIGN AND ND SPECIAL EXCAVATION AL, STATE AND LOCAL HE WORK INDICATED ON
OF STRUCTURES AND END
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D A MINIMUM OF 6 INCHES R SHALL REFER TO THE
DESIGN SPECIFICATIONS. ING WALL PLANS DIFFER
SMOOTH AND (4") OF TOP RED UNTIL HARDY GRASS IG GENERAL NOTES FOR
CATED OUTSIDE PUBLIC DETAIL 33G.
N ALL EROSION AND ICE WITH THE EROSION TRACTOR SHALL ALSO BE
ND FILLED, AND PRESERVE AREAS.
PTH OF 3 INCHES BEFORE OR DOT STANDARDS AND
ES, VEGETATION, ROOTS, IE STABILITY OF THE FILL.
RUBBISH, ROCKS, LOGS, LS INAPPROPRIATE FOR
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SURES FREE OF SEDIMENT
ER FINAL GRADING IS LAN. APPLY TEMPORARY WHEN WORK IS TO BE N(S)).
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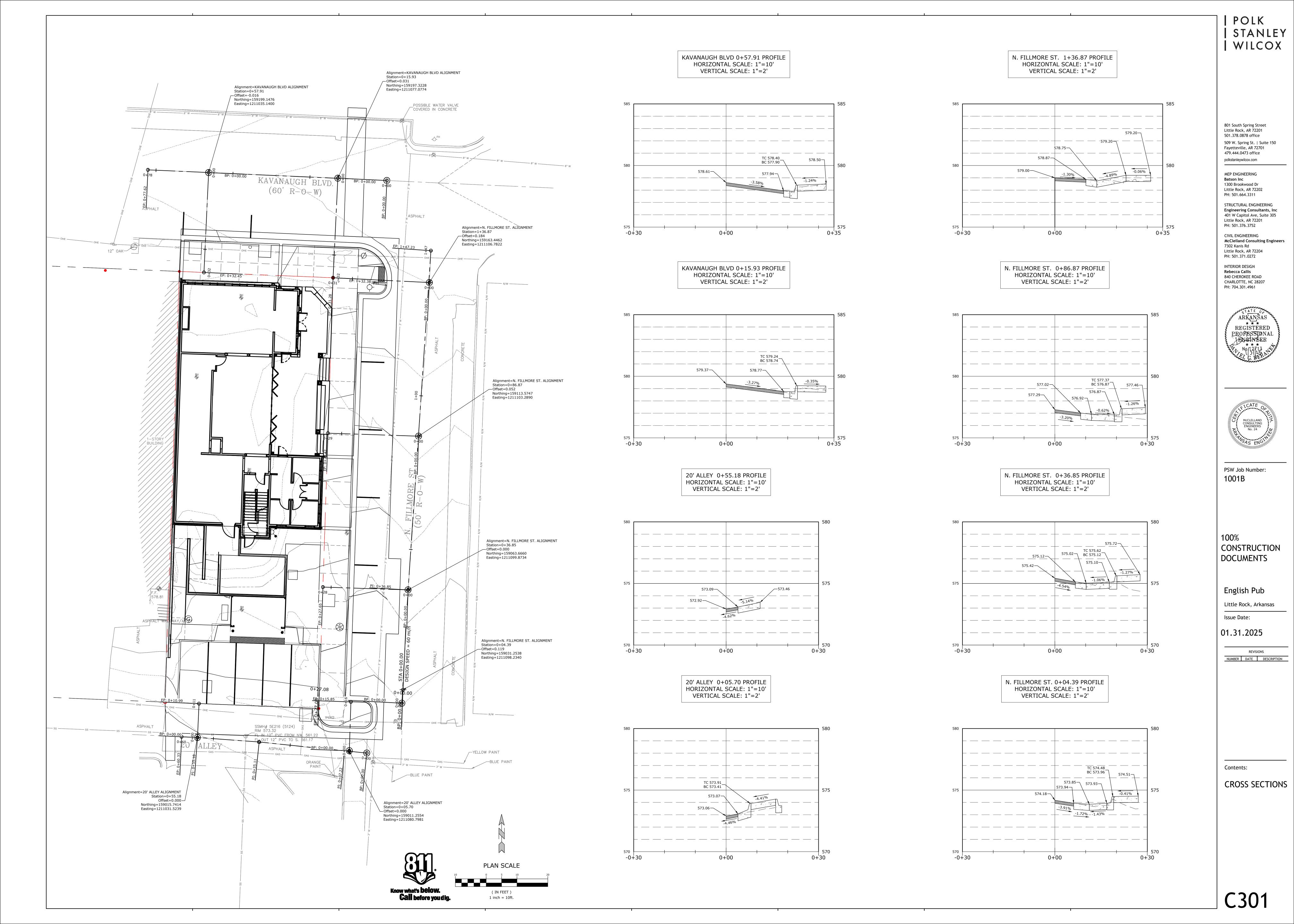
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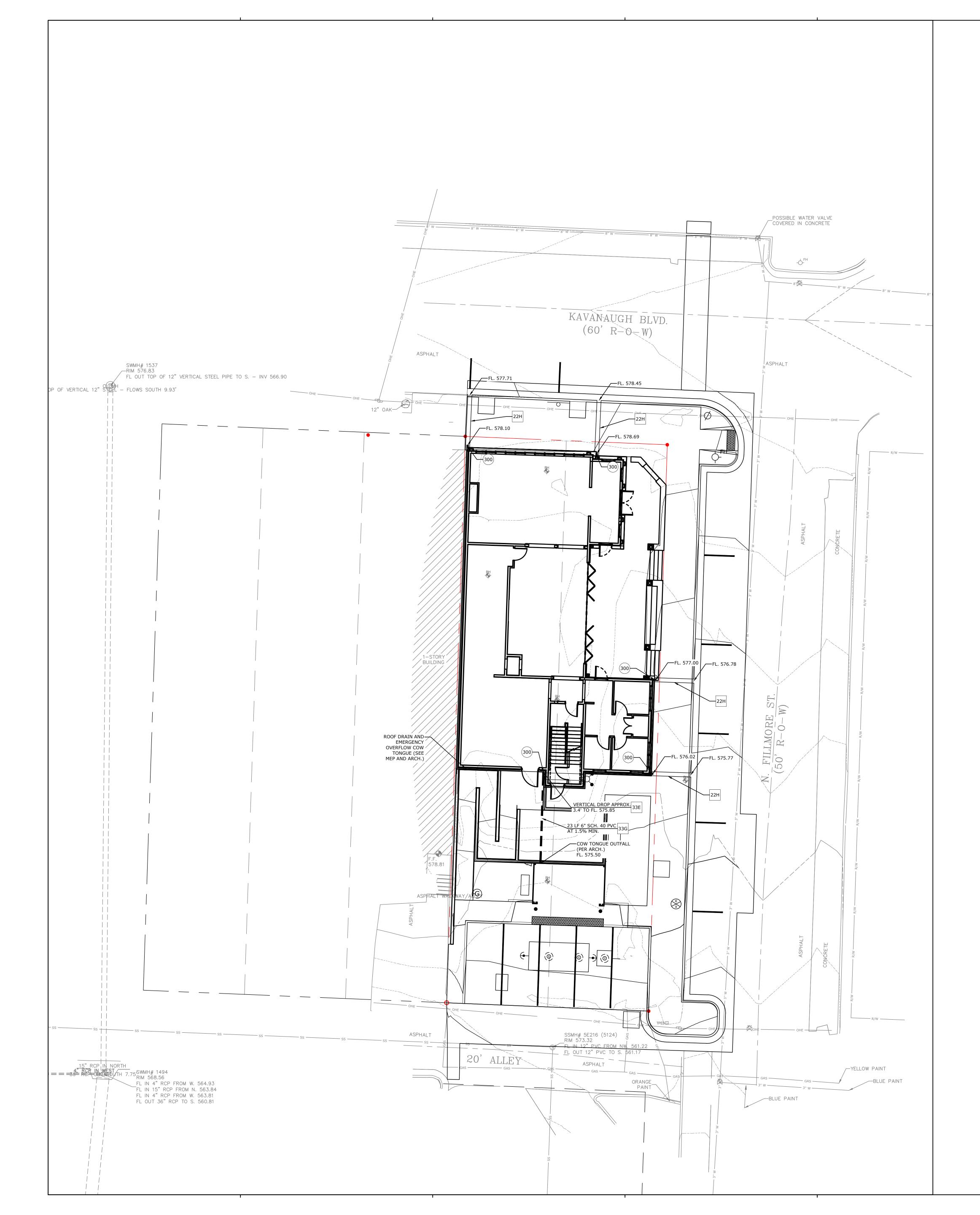
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GRADING PLAN





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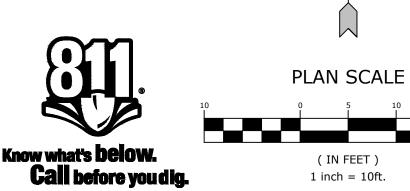
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### GENERAL GRADING/DRAINAGE 1. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES

WITH CONSTRUCTION.

- 2. INFORMATION PERTAINING TO UNDER GROUND UTILITIES AVAILABLE RECORDS AND FIELD LOCATIONS WHEN CONTRACTOR MUST DETERMINE THE EXACT LOCATION / EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES AR ON THESE PLANS OR 18", WHICH EVER IS LESS, CONTACT OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONST
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION O UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT N THE OWNER.
   ALL UTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN
- ALL OTILITIES, INCLUDING STORM SEWER, SHOWN WITHIN RIGHT-OF-WAYS SHALL BE CONSTRUCTED TO THE SPECIFICATIONS. ALL OTHER UTILITIES SHALL BE CONSTR OR THE GOVERNING AGENCY'S SPECIFICATIONS, WHICHEV IF THERE IS A QUESTION AS TO WHICH SPECIFICATION CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORE NOT PROTOTYPICAL OR CONSTRUCTION CANNOT BE ACHIE SHALL SUBMIT SHOP DRAWINGS TO McCLELLAND CONSU FOR REVIEW AND APPROVAL.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COM EXISTING UTILITY LINE AS REQUIRED BY CUT AND FILL A TO THE OWNER.
- 6. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR IMPLEMENTATION OF SHEETING, SHORING, BRACING, AN MEASURES REQUIRED TO MEET ALL OSHA, FEDERA REGULATIONS PURSUANT TO THE INSTALLATION OF THE THESE DRAWINGS.
- ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER O OF FLARED END SECTIONS.
   WHERE THE WORD 'PIPE' IS USED, CONTRACTOR SHALL
- BIDDING PIPE WITH A SMOOTH INTERIOR HAVING AN 'N' N (UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE END 9. ALL DRAINAGE STRUCTURES SHALL BE CAST-IN-PLACE
- SPECIFIED OR APPROVED BY THE ENGINEER OF RECORD).
  10. RETAINING WALL(S) SHALL BE CONSTRUCTED TO EXTEND ABOVE THE TOP OF FINISHED GRADE. CONTRACTOR RETAINING WALL PLAN(S) FOR CONSTRUCTION AND D CONTRACTOR SHALL NOTIFY THE ENGINEER IF RETAINI FROM THIS.
- ALL DISTURBED AREAS AND SLOPES SHALL BE GRADED SM SOIL APPLIED. THE AREA SHALL BE SEEDED AND WATERE GROWTH HAS BEEN ESTABLISHED (SEE LANDSCAPING SEEDING MIX & SPECIFICATIONS).
- 12. STORM SEWER PIPE TRENCHING AND BEDDING (LOC EASEMENTS & RIGHT-OF-WAY) SHALL BE INSTALLED PER D
- 13. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN SEDIMENTATION CONTROL PRACTICES IN ACCORDANCI CONTROL PLAN AND CONSTRUCTION SCHEDULE. CONTR RESPONSIBLE FOR IMPLEMENTING THE SWPPP.
- REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND IT FOR USE IN FINISHING THE GRADING OF ALL CRITICAL A
   SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEP PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / C
- SPECIFICATIONS. 16. CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE
- 17. ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RU STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS CONSTRUCTING STABLE FILLS.
- 18. DO NOT INCORPORATE FROZEN MATERIAL OR SOF COMPRESSIBLE MATERIALS INTO FILL SLOPES.19. KEEP DIVERSIONS AND OTHER WATER CONVEYANCE MEASU
- DURING ALL PHASES OF DEVELOPMENT. 20. PERMANENTLY STABILIZE ALL GRADED AREAS AFTER COMPLETED ON EACH AREA OF THE GRADING PLA STABILIZATION MEASURES ON ALL GRADED AREAS W INTERRUPTED OR DELAYED (SEE EROSION CONTROL PLAN)
- 21. CONTRACTOR SHALL MATCH TOP OF PROPOSED DRAINA PROPOSED GRADES. IF A DISCREPANCY OCCURS BETWE AND PROPOSED STRUCTURE TOPS, THE GRADING SH DISCREPANCY IS MORE THAN 4 INCHES, THE CONTRACTO ENGINEER OF RECORD.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES S TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY
   CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES
- UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXC SHALL CONTACT UTILITY LOCATING COMPANY (STATE C LOCATE ALL UTILITIES PRIOR TO GRADING START.
- 24. SITE GRADING SHALL NOT PROCEED UNTIL PERIMET MEASURES HAVE BEEN INSTALLED.
  25. REFER TO GEOTECHNICAL REPORT FOR GENERAL DESCR AND INFORMATION ON EXISTING ROCK.
- 26. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF REC



NOTES
D OF ANY EXISTING AND ES PRIOR TO PROCEEDING
TES WAS OBTAINED FROM N POSSIBLE, BUT THE AND ELEVATION OF ALL T ALL UTILITY CROSSINGS ARE LESS THAN SPECIFIED T THE ENGINEER AND THE STRUCTION.
OR REMOVAL OF EXISTING NO ADDITIONAL COST TO
IN PUBLIC EASEMENTS OR GOVERNING AGENCY'S FRUCTED TO THE CLIENT'S EVER IS MORE STRINGENT. ONS SHOULD APPLY, THE RD. IF STRUCTURE(S) ARE HIEVED, THE CONTRACTOR SULTING ENGINEERS, INC.
MPANIES ON ADJUSTING AT NO ADDITIONAL COST
DR THE DESIGN AND AND SPECIAL EXCAVATION AL, STATE AND LOCAL HE WORK INDICATED ON
OF STRUCTURES AND END
LL HAVE THE OPTION OF VALUE OF 0.013 OR LESS NGINEER OF RECORD). CE (UNLESS OTHERWISE
A MINIMUM OF 6 INCHES SHALL REFER TO THE DESIGN SPECIFICATIONS. IING WALL PLANS DIFFER
SMOOTH AND (4") OF TOP RED UNTIL HARDY GRASS IG GENERAL NOTES FOR
CATED OUTSIDE PUBLIC DETAIL 33G.
N ALL EROSION AND ICE WITH THE EROSION TRACTOR SHALL ALSO BE
ND FILLED, AND PRESERVE . AREAS.
PTH OF 3 INCHES BEFORE OR DOT STANDARDS AND
ES, VEGETATION, ROOTS, IE STABILITY OF THE FILL.
RUBBISH, ROCKS, LOGS, LS INAPPROPRIATE FOR
FT, MUCK, OR HIGHLY
SURES FREE OF SEDIMENT
ER FINAL GRADING IS LAN. APPLY TEMPORARY WHEN WORK IS TO BE N(S)).
NAGE STRUCTURES WITH VEEN PROPOSED GRADES SHALL GOVERN. IF THE TOR SHALL CONTACT THE
SHALL MEET HEAVY DUTY LY.
HAVING UNDERGROUND (CAVATION. CONTRACTOR ONE CALL SYSTEM) AND
TER EROSION CONTROL
RIPTION OF SOIL STRATA
N LAYOUT AND STAKING CORD).

# ALE

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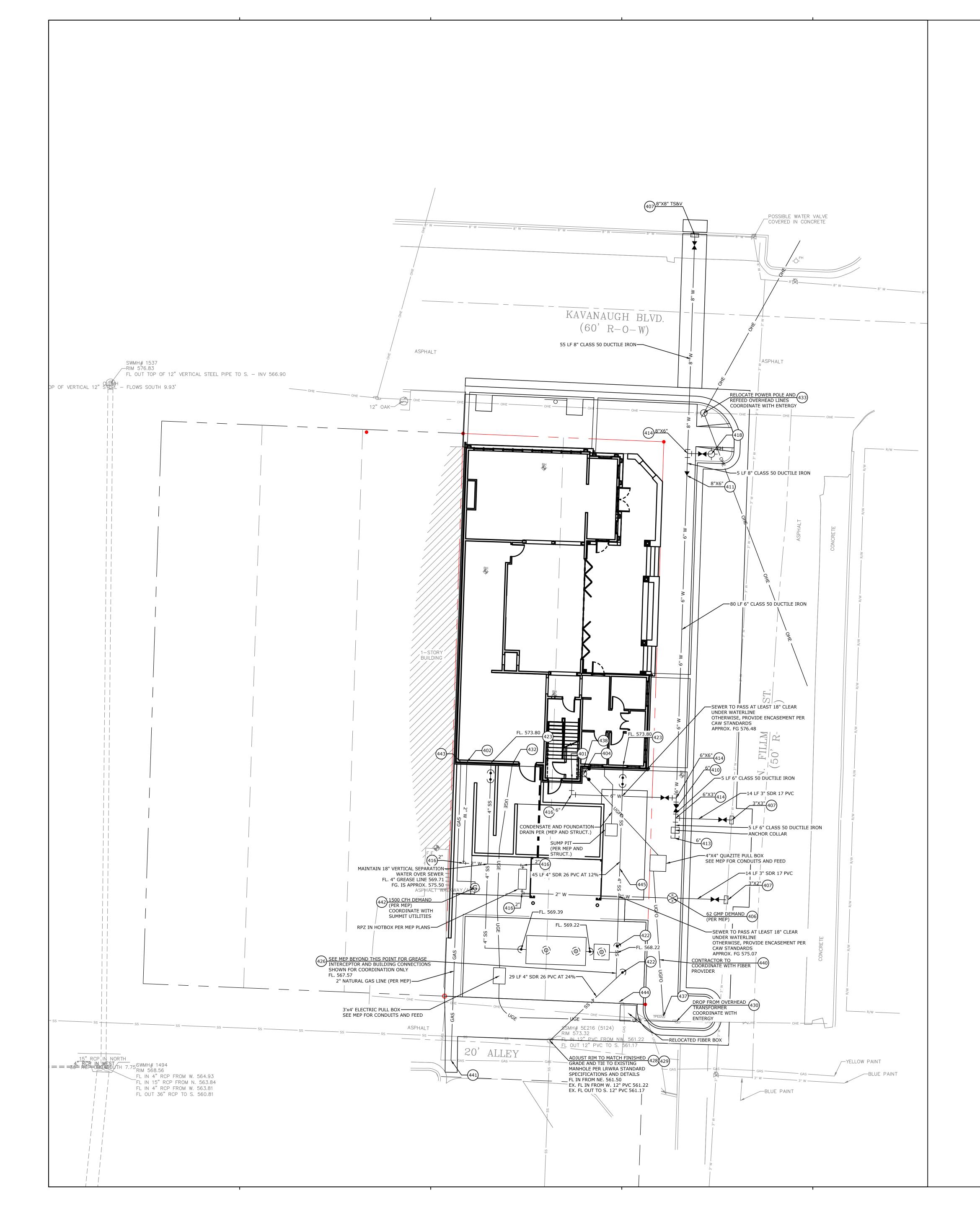
REVISIONS

 NUMBER
 DATE
 DESCRIPTION

Contents:

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DRAINAGE PLAN



PROPOSED I	EGEND
=====	STORM DRAIN
COND	CONDUIT LINE
GAS	GAS LINE
G	GAS METER
E	ELECTRIC METER
OHE	OVERHEAD ELECTRIC LINE
OHE&FO	OVERHEAD ELECTRIC & FIBER OPTIC LINE
OHE&T	OVERHEAD ELECTRIC & TELEPHONE LINE
OHFO	OVERHEAD FIBER OPTIC LINE
OHT&FO	OVERHEAD TELEPHONE & FIBER OPTIC LINE
OHTV	OVERHEAD TELEVISION
—— UGFO ——	UNDERGROUND FIBER OPTIC LINE
UGE	UNDERGROUND ELECTRIC LINE
UGE&FO	UNDERGROUND ELECTRIC & FIBER OPTIC LINE
UGE&T	UNDERGROUND ELECTRIC & TELEPHONE LINE
UGT	UNDERGROUND TELEPHONE
UGTV	UNDERGROUND TELEVISION
—— UGT&FO ——	UNDERGROUND TELEPHONE & FIBER OPTIC LINE
X''W	WATER LINE
FDC	FIRE DEPARTMENT CONNECTION
- <b>Ó</b> - <sup>FH</sup>	FIRE HYDRANT
Ø PIV	POST INDICATOR VALVE
$\bigotimes$	WATER METER
M	WATER VALVE
Å	AIR RELEASE VALVE
101	BALL VALVE
5	BLOW-OFF VALVE
•	REDUCER
0	CORPORATION STOP
X''SS	SANITARY SEWER LINE
6	SANITARY SEWER MANHOLE
——————————————————————————————————————	FORCE MAIN LINE
ি	CLEAN-OUT
E	ELECTRIC TRANSFORMER
Ø Ø	POWER POLE/POWER POLE & GUY
¢	LIGHT POLE
⊡ <sub>EP</sub>	ELECTRICAL PEDESTAL
⊡ <sub>TP</sub>	TELEPHONE PEDESTAL
⊡ <sub>TSP</sub>	TRAFFIC SIGNAL PEDESTAL
	CATCH BASIN

### **OUTILITY KEYNOTES**

- 401 FIRE SPRINKLER BUILDING ENTRY (SEE ARCH. / MEP PLANS) SHOULD THE FIRE DESIGN FROM THE FIRE CONSULTANT DEVIATE IN ANY WAY FROM THE CIVIL UTILITY SITE PLAN, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF
- RECORD FOR COORDINATION PRIOR TO THE START OF CONSTRUCTION 402 DOMESTIC WATER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS) 404 FIRE DEPARTMENT CONNECTION (PER LOCAL CODES)
- 404 FIRE DEPARTMENT CONNECTION (PER LOCAL CODES) 406 PROPOSED WATER METER (SEE SIZE AT SYMBOL)
- 407 TAPPING SLEEVE AND VALVE w/ THRUST BLOCKING AND ADJUSTABLE VALVE BOX (SEE SIZE AT SYMBOL)
- 410 GATE VALVE WITH ADJUSTABLE VALVE BOX (SEE SIZE AT SYMBOL)411 REDUCER (SEE SIZE AT SYMBOL)
- 413 CAP / PLUG w/ THRUST BLOCKING (SEE SIZE AT SYMBOL)414 TEE w/ THRUST BLOCKING (SEE SIZE AT SYMBOL)
- 416 90° BEND w/ THRUST BLOCKING (SEE SIZE AT SYMBOL)422 SANITARY SEWER CLEAN OUT
- 423 SANITARY SEWER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS)426 GREASE TRAP w/ CLEAN OUTS (SEE ARCH. / MEP PLANS)
- 428 CONNECT TO EXISTING SANITARY SEWER MANHOLE429 SANITARY SEWER SERVICE CONNECTION (PER LOCAL CODES)
- 430 POINT OF CONNECTION ELECTRIC SERVICE (PER ELECTRIC COMPANY REQUIREMENTS)
- 432 ELECTRIC BUILDING ENTRY (SEE ARCH. / MEP PLANS) 433 PROPOSED POWER POLE
- 437 POINT OF CONNECTION TELEPHONE / INTERNET SERVICE (PER TELEPHONE COMPANY REQUIREMENTS)
- 438 TELEPHONE / INTERNET / FIBER BUILDING ENTRY (SEE ARCH. / MEP PLANS)
  440 TELEPHONE / INTERNET / FIBER CONDUITS TO BE SCH. 40 PVC (SIZE AND
- QUANTITY PER TELEPHONE COMPANY) (UNDER PAVED AREAS ONLY) 441 POINT OF CONNECTION - NATURAL GAS SERVICE (PER GAS COMPANY
- REQUIREMENTS) 442 NATURAL GAS METER
- 443 NATURAL GAS BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 444 NATURAL GAS CAP / PLUG (SEE SIZE AT SYMBOL)445 MAINTAIN 18" VERTICAL SEPARATION (MIN.)
- 446 MAINTAIN 10' HORIZONTAL SEPARATION (MIN.)448 POINT OF RELOCATION

# UTILITY DETAILS

40 SERIES: WATER DETAILS

40Q WATER LINE TRENCHING, BACKFILL, & BEDDING 41 SERIES: SANITARY DETAILS

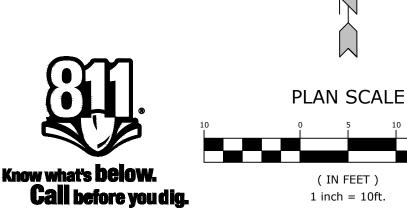
41N SANITARY SEWER TRENCHING, BACKFILL, & BEDDING

**42 SERIES: PAVEMENT REPAIR DETAILS** 42A ASPHALT PAVEMENT REPAIR

42D SIDEWALK PAVEMENT REPAIR

# GENERAL UTILITY NOTES

- ALL WATER MAINS THAT ARE 2 AND 3 INCH IN DIAMETER 3 UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL WA LARGER SHALL BE CLASS 50 DUCTILE IRON, UNLESS OT THE PLANS. SIZE AS NOTED ON THE PLANS AND TO M (MINIMUM). ALL WATER LINE WORK SHALL CONFORM TO C ALL SEWER MAINS 15 INCHES AND LESS SHALL BE OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED MAINTAIN 48" OF COVER (MINIMUM). ALL FIRE / FDC LINES SHALL BE CLASS 50 DUCTILE IRO SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLAN OF COVER (MINIMUM).
- ALL DOMESTIC WATER SERVICE LINES AFTER THE METER TYPE K COPPER, UNLESS OTHERWISE SPECIFIED ON THE ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM ALL DOMESTIC SANITARY SEWER SERVICE LINES SHALL OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED MAINTAIN 36" OF COVER (MINIMUM).
- 2. EXISTING UTILITIES SHOWN ON PLANS HAVE BEEN SHOWN LOCATIONS PER AVAILABLE INFORMATION.
- CONSTRUCTION SHALL NOT START ON ANY PUBLIC WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE AUTHORITIES AND THE OWNER, AND THE CONTRACTOR McCLELLAND CONSULTING ENGINEERS, INC.
- 4. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WI OR HOSE TO OR TAP ANY WATER MAIN UNLESS DULY AU THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE CONTRACTOR. McCLELLAND CONSULTING ENGINEERS, IN TO BE HELD HARMLESS.
- ALL TRENCHING, BACKFILLING AND PIPE LAYING IS REQUIREMENTS.
- 6. THE LOCATION, DESCRIPTION AND SIZE OF ALL UNDER-GROUND FACILITIES, STRUCTURES AND UTILITIES WITH DUE CARE AND DILIGENCE, USING CURRENT TECHN PROPER ACCURACY CONTROL PROCEDURES. HOWEVER HEREON IS NOT WARRANTED TO BE CORRECT IN EVEL INACCURACIES IN OR LACK OF EXISTING DATA OR MAPS VERIFY IN THE FIELD. PERSONS USING INFORMATION C HEREBY CAUTIONED ACCORDINGLY.
- REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICA
   ALL WATER & SEWER DESIGNS ARE SUBJECT TO THE CRITERIA (LITTLE ROCK WATER RECLAMATION INFRASTRUCTURE SPECIFICATIONS PUBLISHED AUGUST ARKANSAS WATER STANDARD PIPELINE MATERIALS SPECIFICATIONS PUBLISHED MAY 2021). REVIEW FOR I APPROVAL OF PUBLIC IMPROVEMENTS, AND ALL PROPOS SUBJECT TO FURTHER REVIEW AT THE TIME CONS SUBMITTED.
- 9. ANY DAMAGE TO THE EXISTING PUBLIC STREET DUE TO C REPAIRED / REPLACED AT THE OWNER'S / DEVELOPER'S EX
- 10. WATER AND SEWER IMPACT FEES WILL APPLY FOR THE THE SYSTEM (IF APPLICABLE). THE FEES WILL BE BASED C SIZE AND WILL BE CHARGED AT THE TIME OF METER SET (
- ALL UTILITY SERVICE LINES TO BE CONNECTED TO NEW M NEEDED FOR INSTALLATION OF STORM SEWER SYSTEM.
   ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 24 GRADE AND MARKED WITH POSTS TO IDENTIFY THE END MUST BE A MINIMUM SEPARATION OF 12" BETWEEN ELEC CONDUITS FOR OTHER UTILITIES.
- 13. SERVICE TAPS ON UTILITY MAINS (PROPOSED AND / OR EX BY THE CITY, AND FEES PAID BY CONTRACTOR.
- 14. ALL UNDERGROUND LINES SHALL BE INSPECTED BY REPRESENTATIVE, PRIOR TO BACK FILLING.
- 15. PUBLIC SANITARY SEWER MAIN LINE TRENCHING AN INSTALLED PER LITTLE ROCK WATER RECLAMATION STAL AND DETAILS. PRIVATE DOMESTIC SANITARY SEWER SERVICE LINE TRI SHALL BE INSTALLED PER DETAIL 41N.
- 16. PUBLIC WATER MAIN, WATER SERVICE LINE TO METER, BL / OR FDC LINE TRENCHING AND BEDDING SHALL BE I ARKANSAS WATER STANDARD SPECIFICATIONS AND DETA PRIVATE DOMESTIC WATER SERVICE LINE AFTER METER TO SHALL BE INSTALLED PER DETAIL 40Q.
- 17. ALL WATER LINE DIMENSIONS SHOWN ARE TO CENTER C SEWER LINE DIMENSIONS ARE SHOWN TO CENTER OF M PIPE.
- TESTING OF WATER AND SEWER LINES SHALL BE AT THE C
   TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NE FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" A IN UNPAVED AREAS.
   TOPS OF PROPOSED MANHOLES SHALL BE FLUSH WITH PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVE
- 20. ALL UTILITIES UNDER PAVED AREAS SHALL RECEIVE CLAS DEPTH.21. MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 10'
- SEWER MAINS AND 5' BETWEEN OTHER UNDERGROUND UT SEWER, ELECTRICAL, GAS, DOMESTIC WATER / SEWE CONDUITS.
- 22. ALL EXISTING WATER, GAS AND / OR ELECTRICAL MET ABANDONED AND / OR REMOVED PER THE DEMOLITION PLA AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHOR
  23. COORDINATION OF ALL CONDUIT PLACEMENT SHALL B
- PROVIDERS. 24. ALL WATER AND SEWER FORCE MAIN FITTINGS SHALL BI
- THE USE OF THRUST BLOCKING PER CENTRAL ARKA SPECIFICATIONS AND DETAILS OR APPROVED EQUAL.25. PROPOSED UTILITIES THAT ARE TO BE BURIED IN THE S COORDINATED WITH, AND APPROVED BY, THE INVOLVED
- INSTALLATION. 26. CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCA
- UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED UTILITI
- GOVERNING AGENCY.
- 28. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF REC
- 29. STAKING & LAYOUT FOR WATER & SEWER MAINS MUSLICENSED PROFESSIONAL LAND SURVEYOR (SWU PROJECT
   30. CONTRACTOR SHALL MAINTAIN 4' (MINIMUM) SEPARATI SIDEWALK AND / OR BACK OF CURB AND FACE OF FIRE HAT ALL TIMES (SWU PROJECTS ONLY).
- 31. CONTRACTOR SHALL INSTALL A TRACER WIRE PORT TO A HAVE A VALVE BOX OR EVERY 400' (MAXIMUM), AND AT AN PER SWU STANDARD DETAIL M-1 (SWU PROJECTS ONLY).



R SHALL BE PVC ( SDR-17),
ATER MAINS 4 INCH AND DTHERWISE SPECIFIED ON MAINTAIN 36" OF COVER
CAW STANDARDS. PVC (SDR-26), UNLESS O ON THE PLANS AND TO
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IM). LL BE PVC (SDR-26), OR
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CAL PLANS.
E CITY'S LATEST DESIGN N AUTHORITY SEWER 7 29, 2023 AND CENTRAL LS AND CONSTRUCTION PLAT APPROVAL IS NOT DSED IMPROVEMENTS ARE NSTRUCTION PLANS ARE
CONSTRUCTION SHALL BE
EXPENSE. E ADDITIONAL IMPACT TO ON THE PROPOSED METER (IF APPLICABLE). MAINS OR RELOCATED AS
24″ OF COVER AT FINAL IDS OF CONDUITS. THERE ECTRICAL CONDUITS AND
EXISTING) SHALL BE MADE
THE ENGINEER, OR HIS
ND BEDDING SHALL BE
ANDARD SPECIFICATIONS
BUILDING SPRINKLER, AND INSTALLED PER CENTRAL AILS. TRENCHING AND BEDDING
OF PIPE OR FITTING; ALL MANHOLE OR CENTER OF
CONTRACTOR'S EXPENSE.
ABOVE FINISHED GRADES
TH FINISHED GRADES IN /ED AREAS. .SS 7 BASE BACKFILL FULL
D' BETWEEN WATER AND JTILITIES SUCH AS STORM ER SERVICE LINES, AND
ETERS AS NOTED TO BE PLAN WITHIN THE PROJECT
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TS ONLY).
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# | POLK | STANLEY | WILCOX

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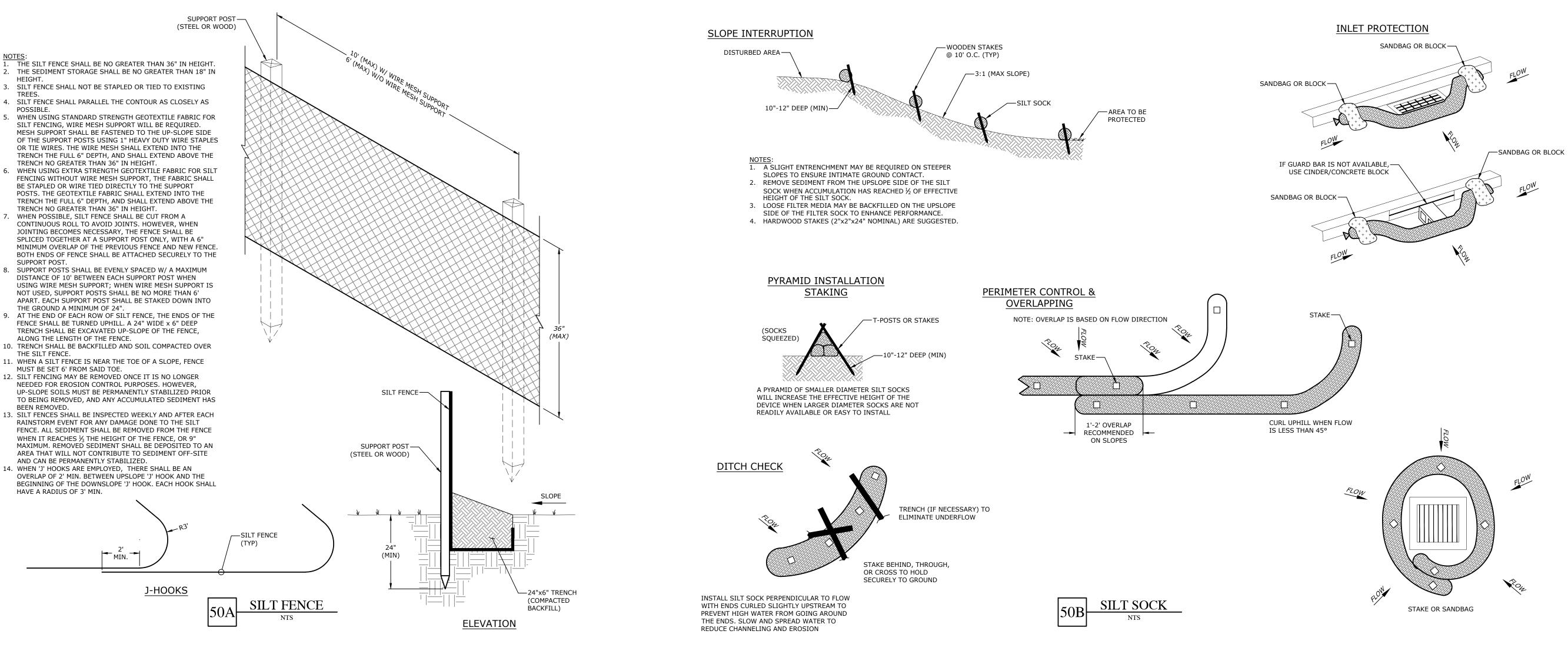
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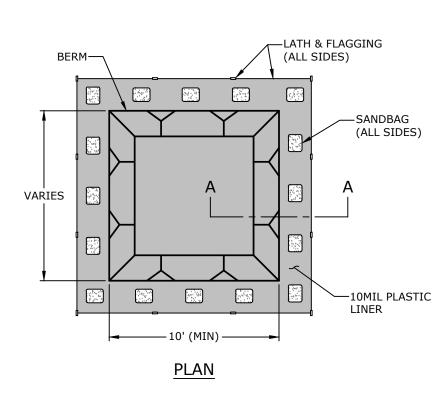
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Contents:

UTILITY PLAN

- NOTES: 1. THE SILT FENCE SHALL BE NO GREATER THAN 36" IN HEIGHT. 2. THE SEDIMENT STORAGE SHALL BE NO GREATER THAN 18" IN HEIGHT.
- 3. SILT FENCE SHALL NOT BE STAPLED OR TIED TO EXISTING TREES. 4. SILT FENCE SHALL PARALLEL THE CONTOUR AS CLOSELY AS POSSIBLE.
- 5. WHEN USING STANDARD STRENGTH GEOTEXTILE FABRIC FOR SILT FENCING, WIRE MESH SUPPORT WILL BE REQUIRED. MESH SUPPORT SHALL BE FASTENED TO THE UP-SLOPE SIDE OF THE SUPPORT POSTS USING 1" HEAVY DUTY WIRE STAPLES OR TIE WIRES. THE WIRE MESH SHALL EXTEND INTO THE TRENCH THE FULL 6" DEPTH, AND SHALL EXTEND ABOVE THE TRENCH NO GREATER THAN 36" IN HEIGHT.
- 6. WHEN USING EXTRA STRENGTH GEOTEXTILE FABRIC FOR SILT FENCING WITHOUT WIRE MESH SUPPORT, THE FABRIC SHALL BE STAPLED OR WIRE TIED DIRECTLY TO THE SUPPORT POSTS. THE GEOTEXTILE FABRIC SHALL EXTEND INTO THE TRENCH THE FULL 6" DEPTH, AND SHALL EXTEND ABOVE THE TRENCH NO GREATER THAN 36" IN HEIGHT. 7. WHEN POSSIBLE, SILT FENCE SHALL BE CUT FROM A
- CONTINUOUS ROLL TO AVOID JOINTS. HOWEVER, WHEN JOINTING BECOMES NECESSARY, THE FENCE SHALL BE SPLICED TOGETHER AT A SUPPORT POST ONLY, WITH A 6" MINIMUM OVERLAP OF THE PREVIOUS FENCE AND NEW FENCE. BOTH ENDS OF FENCE SHALL BE ATTACHED SECURELY TO THE SUPPORT POST.
- 8. SUPPORT POSTS SHALL BE EVENLY SPACED W/ A MAXIMUM DISTANCE OF 10' BETWEEN EACH SUPPORT POST WHEN USING WIRE MESH SUPPORT; WHEN WIRE MESH SUPPORT IS NOT USED, SUPPORT POSTS SHALL BE NO MORE THAN 6' APART. EACH SUPPORT POST SHALL BE STAKED DOWN INTO THE GROUND A MINIMUM OF 24". 9. AT THE END OF EACH ROW OF SILT FENCE, THE ENDS OF THE
- FENCE SHALL BE TURNED UPHILL. A 24" WIDE x 6" DEEP TRENCH SHALL BE EXCAVATED UP-SLOPE OF THE FENCE, ALONG THE LENGTH OF THE FENCE. 10. TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER
- THE SILT FENCE. 11. WHEN A SILT FENCE IS NEAR THE TOE OF A SLOPE, FENCE MUST BE SET 6' FROM SAID TOE. 12. SILT FENCING MAY BE REMOVED ONCE IT IS NO LONGER
- NEEDED FOR EROSION CONTROL PURPOSES. HOWEVER, UP-SLOPE SOILS MUST BE PERMANENTLY STABILIZED PRIOR TO BEING REMOVED, AND ANY ACCUMULATED SEDIMENT HAS BEEN REMOVED.
- RAINSTORM EVENT FOR ANY DAMAGE DONE TO THE SILT FENCE. ALL SEDIMENT SHALL BE REMOVED FROM THE FENCE WHEN IT REACHES  $rac{1}{3}$  THE HEIGHT OF THE FENCE, OR 9" MAXIMUM. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
- 14. WHEN 'J' HOOKS ARE EMPLOYED, THERE SHALL BE AN OVERLAP OF 2' MIN. BETWEEN UPSLOPE 'J' HOOK AND THE BEGINNING OF THE DOWNSLOPE 'J' HOOK. EACH HOOK SHALL HAVE A RADIUS OF 3' MIN.

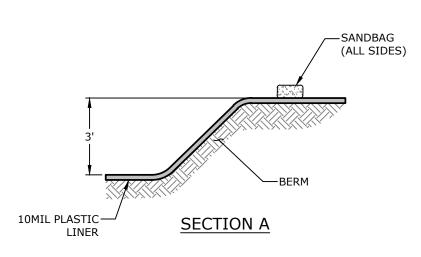


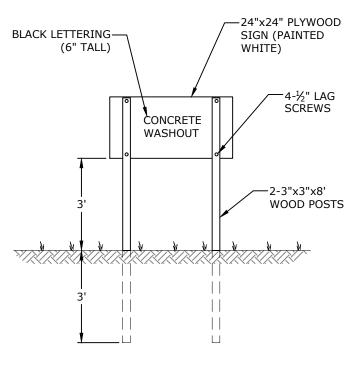


NOTES: 1. NO WASHING OUT OF CONCRETE TRUCKS OR WASHING OF SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO STORM DRAINS, OPEN DITCHES, STREETS, OR

- STREAMS IS ALLOWED. 2. EXCESS CONCRETE IS NOT ALLOWED TO BE DUMPED ON-SITE, EXCEPT IN DESIGNATED TEMPORARY CONCRETE WASHOUT PIT AREAS.
- 3. ON-SITE TEMPORARY CONCRETE WASHOUT AREAS WILL BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES AS DETERMINED IN THE FIELD.
- 4. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY. 5. TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE CONSTRUCTED AND
- MAINTAINED IN SUFFICIENT QUANTITY AND SIZE TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS. . WASHOUT FACILITIES WILL BE CLEANED OUT ONCE THE WASHOUT IS 75% FULL.
- 7. PLASTIC LINING MATERIAL WILL BE MINIMUM OF 10 MIL POLYETHYLENE SHEETING AND WILL BE FREE OF HOLES, TEARS, OR OTHER DEFECTS. 8. WHEN WASHOUT FACILITIES ARE NO LONGER REQUIRED FOR WORK, THE HARDENED CONCRETE WILL BE REMOVED AND DISPOSED OF. MATERIALS USED TO CONSTRUCT TEMPORARY CONCRETE WASHOUT FACILITIES WILL BE REMOVED FROM THE SITE AND DISPOSED OF.

50N	TEMPORARY C WASHO
	VV ASITO NTS





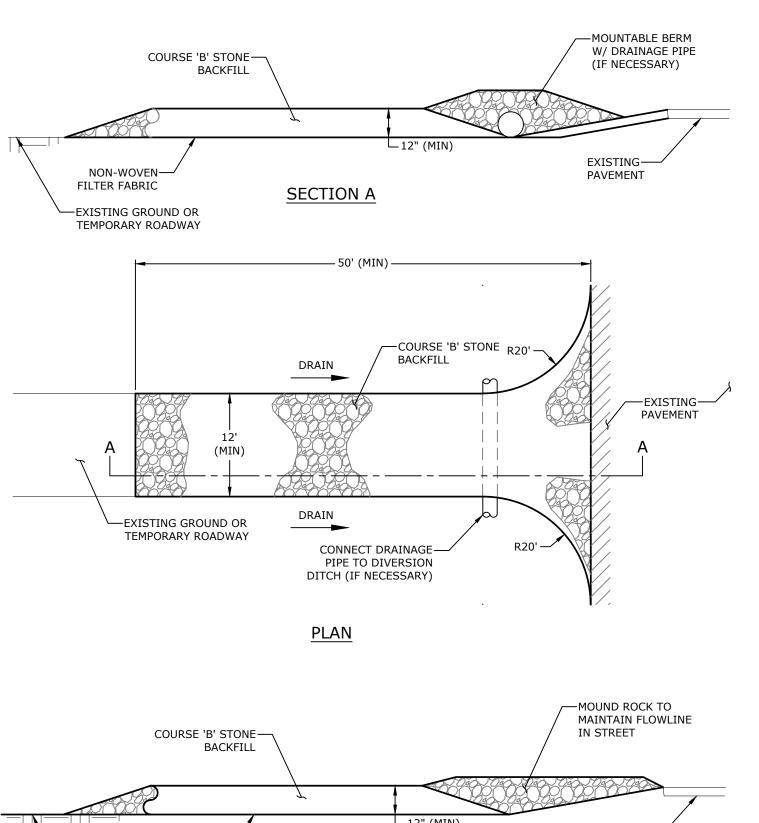
SIGN DETAIL

### NOTES: 1. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO EXITING ONTO PUBLIC RIGHT-OF-WAYS.

- 2. CONSTRUCTION ENTRANCE(S) SHALL BE MAINTAINED TO WHERE TRACKING OF SEDIMENT IS PREVENTED FROM ENTERING INTO PUBLIC RIGHT-OF-WAYS. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO: ADDITIONAL TOP DRESSING OR REPAIR AND / OR CLEANING OUT OF ANY
- SEDIMENT TRAPPING MEASURES. 3. IF WASHING IS REQUIRED, THIS MEASURE SHALL BE DONE IN A CRUSHED STONE STABILIZED AREA WHICH DRAINS INTO A SEDIMENT TRAP / BASIN.
- MAINTENANCE & INSPECTIONS: 1. CONTRACTOR IS TO MAINTAIN THE GRAVEL ENTRANCE(S) IN SUCH CONDITION AS TO PREVENT MUD OR SEDIMENT FROM ENTERING PUBLIC RIGHT-OF-WAYS. 2. CONTRACTOR TO REPLACE GRAVEL WHEN
- VOIDS BETWEEN GRAVEL IS NO LONGER VISIBLE. 3. AFTER EACH SIGNIFICANT STORM EVENT (>1" / 24HRS), CONTRACTOR TO INSPECT ALL STRUCTURES USED TO TRAP SEDIMENT AND REMOVE SEDIMENT AS NECESSARY. ANY OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED INTO PUBLIC RIGHT-OF-WAYS SHALL BE REMOVED
- IMMEDIATELY. 4. ALL SEDIMENT LOCATED ON PAVED ROADWAYS MUST BE REMOVED WITHIN 24 HOURS.

### TEMPORARY CONSTRUCTION ENTRANCE <u>SPECIFICATIONS</u>: 1. PAD THICKNESS SHALL NOT BE LESS THAN

- 12". NON-WOVEN FILTER FABRIC SHALL BE USED TO IMPROVE STABILITY OF THE PAD IN AREAS OF SEEPAGE OR FOUND TO BE IN A HIGH WATER TABLE AREA. 2. AGGREGATE SIZE WITHIN THE PAD SHALL BE 3"-6" STONE, SMOOTHED.
- 3. LENGTH OF THE ENTRANCE(S) SHALL BE AS NECESSARY, BUT NO LESS THAN 50' LONG. 4. WIDTH OF THE ENTRANCE(S) SHALL BE THE FULL WIDTH OF INGRESS / EGRESS, BUT
- NO LESS THAN 12' WIDE. 5. CONSTRUCTION ENTRANCE(S) SHALL BE LOCATED TO MINIMIZE SEDIMENT LEAVING THE SITE AND PROVIDE UTILITY BY ALL CONSTRUCTION VEHICLES. CONTRACTOR IS TO AVOID PLACING CONSTRUCTION ENTRANCE(S) AT STEEP GRADES AND / OR CURVES IN THE EXISTING ROAD.
- 6. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF SAND BAGS, GRAVEL, STRAW BALES, OR OTHER APPROVED METHODS. 7. ALL SEDIMENT SPILLED, DROPPED,
- WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY. PROVIDE DRAINAGE TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET.





EXISTING GROUND OR

TEMPORARY ROADWAY

NON-WOVEN

FILTER FABRIC

CONCRETE DUT



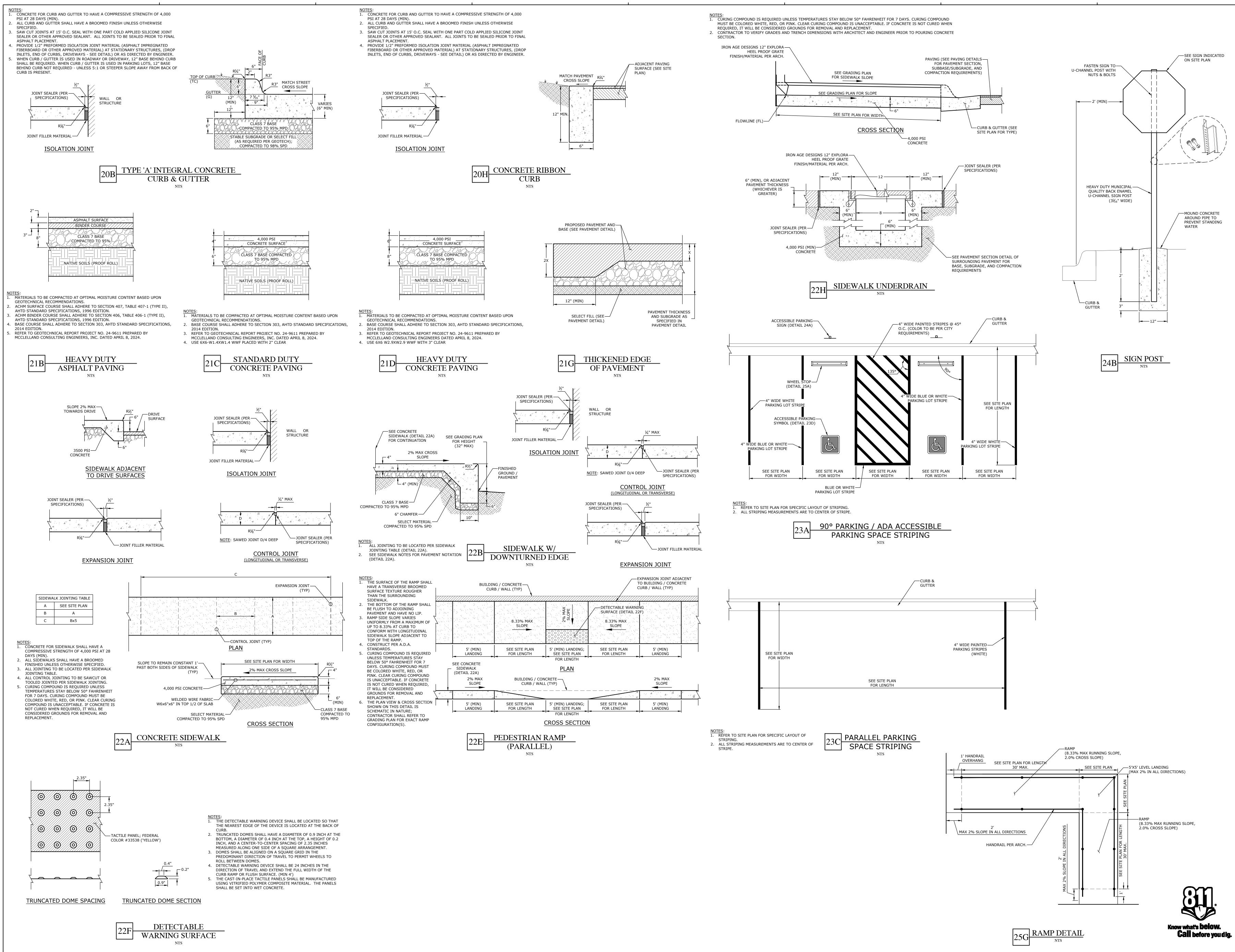
EXISTING-

PAVEMENT



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# 100% CONSTRUCTION DOCUMENTS

**English Pub** 

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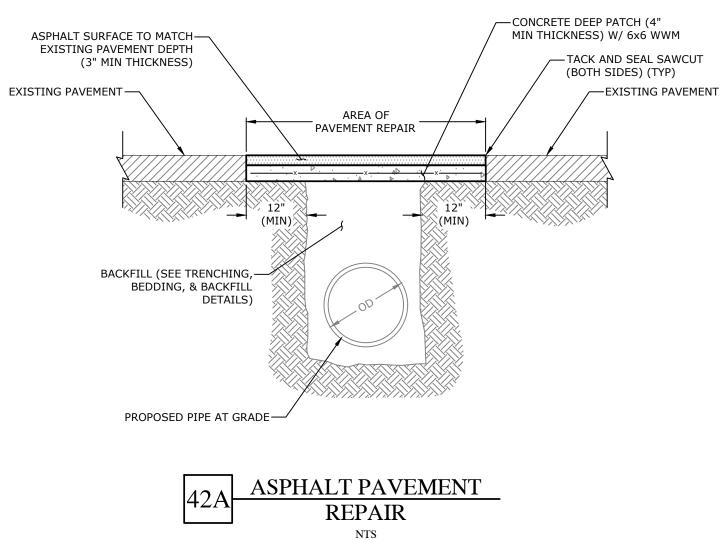
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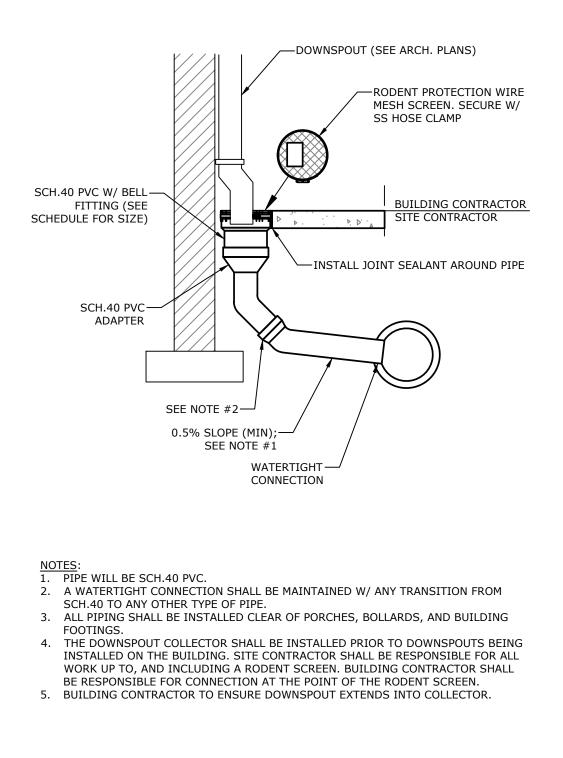
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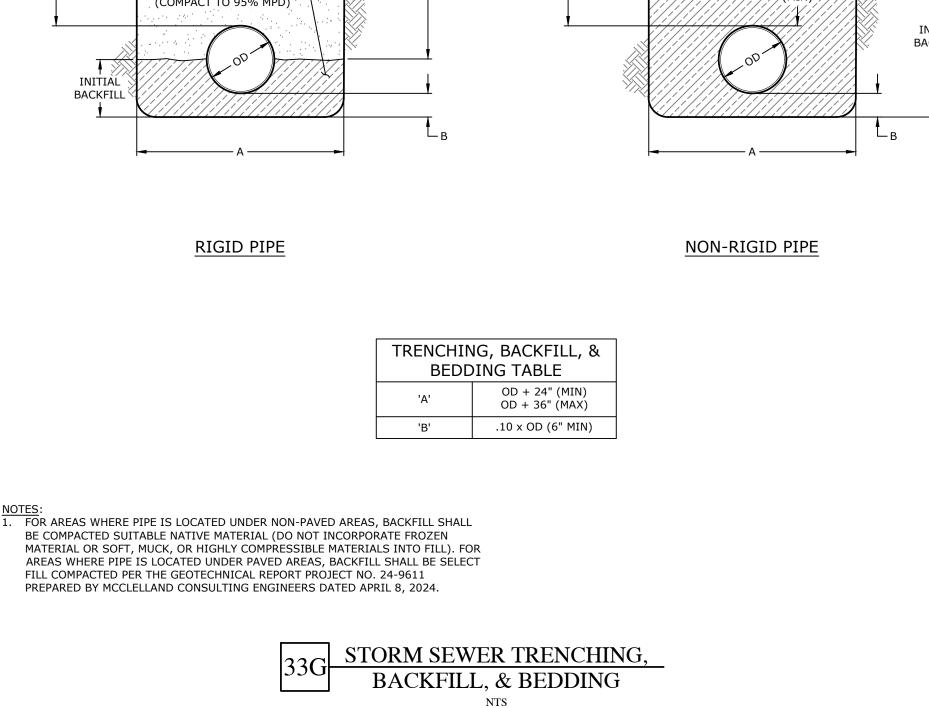
SITE DETAILS

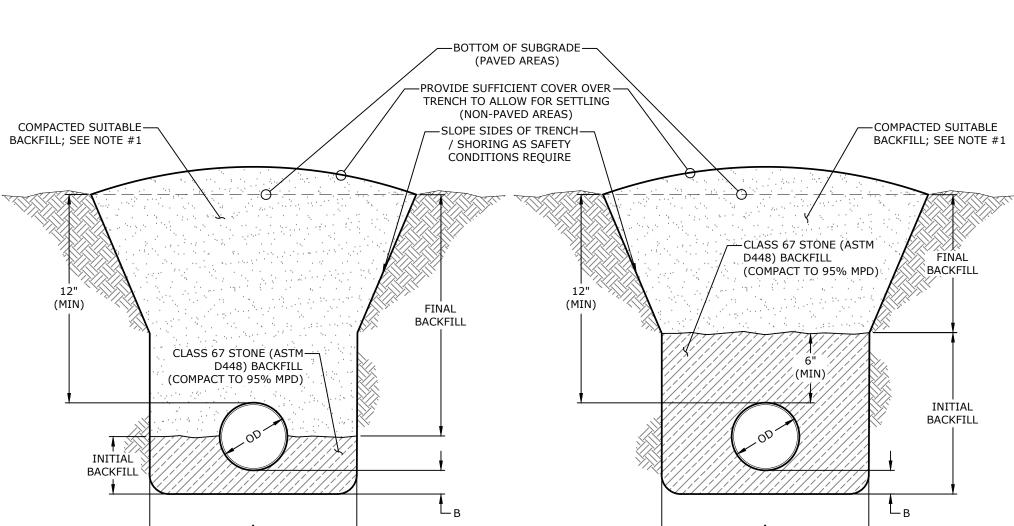


PIPE SCHEDULE			
DOWNSPOUT	PVC PIPE		
4"x6"	12"Ø		
8"x8"	12"Ø		
9"x9"	15"Ø		
10"×10"	15"Ø		
12"x12"	18"Ø		

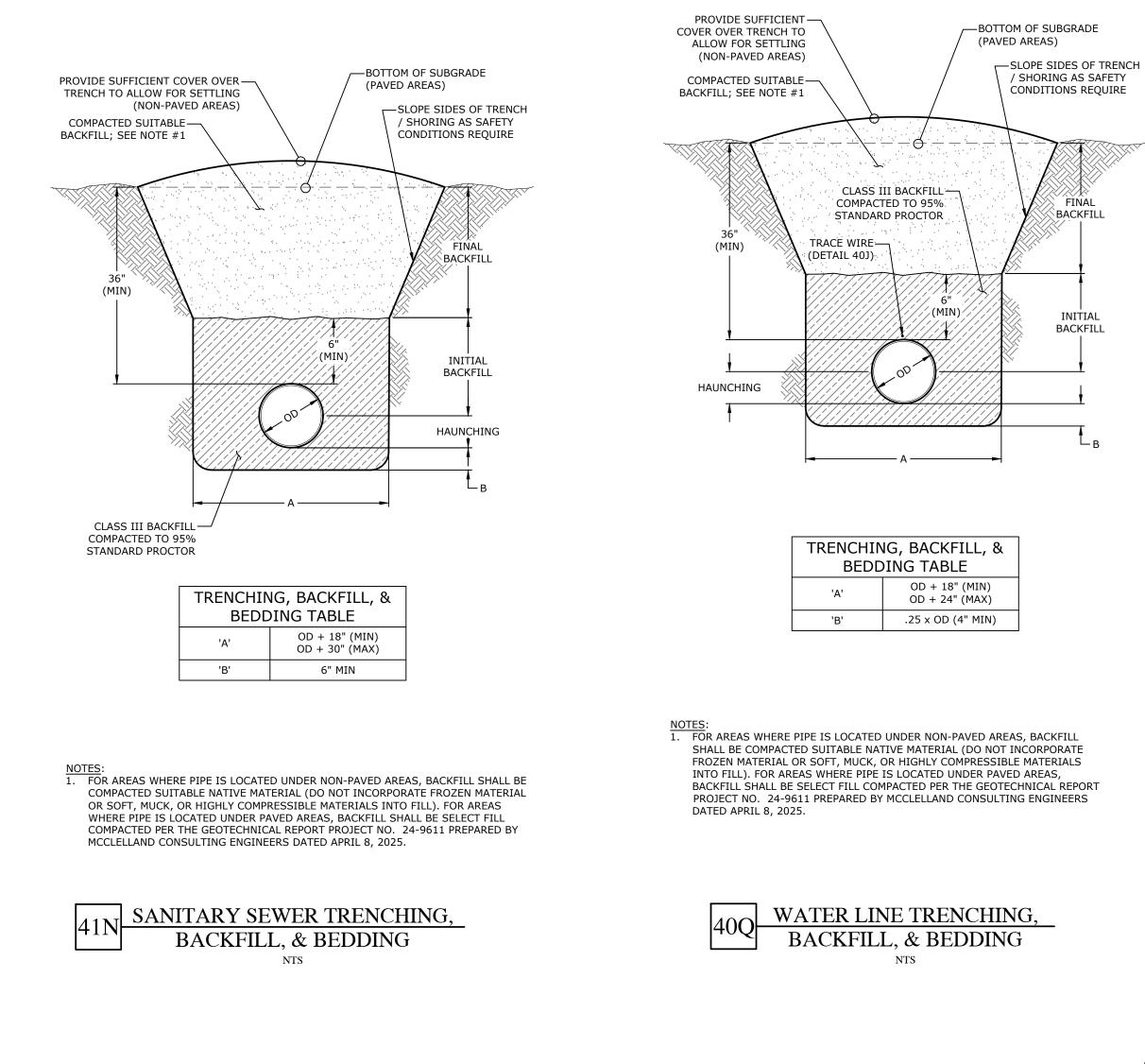


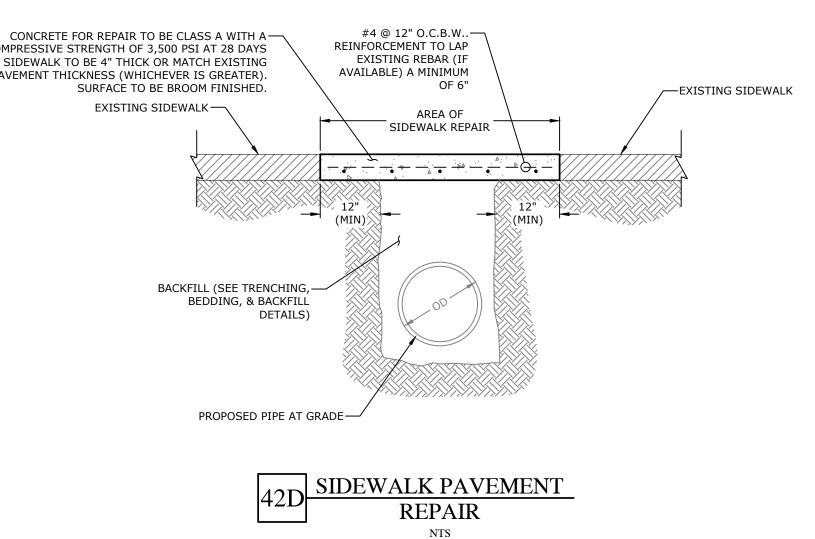
DOWNSPOUT COLLECTOR 33E NTS





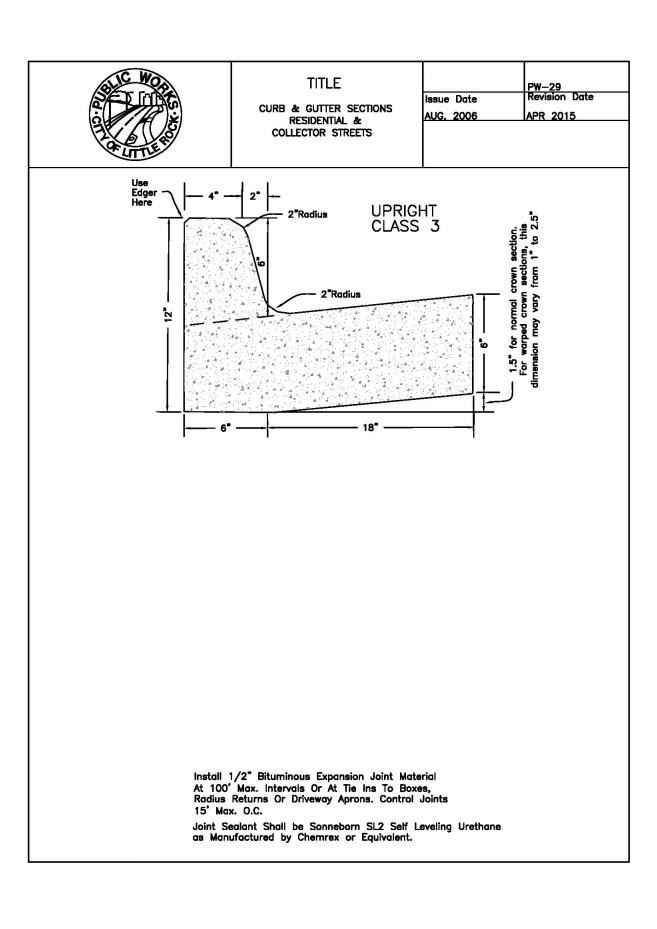
### COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS (MIN). SIDEWALK TO BE 4" THICK OR MATCH EXISTING PAVEMENT THICKNESS (WHICHEVER IS GREATER). EXISTING SIDEWALK —

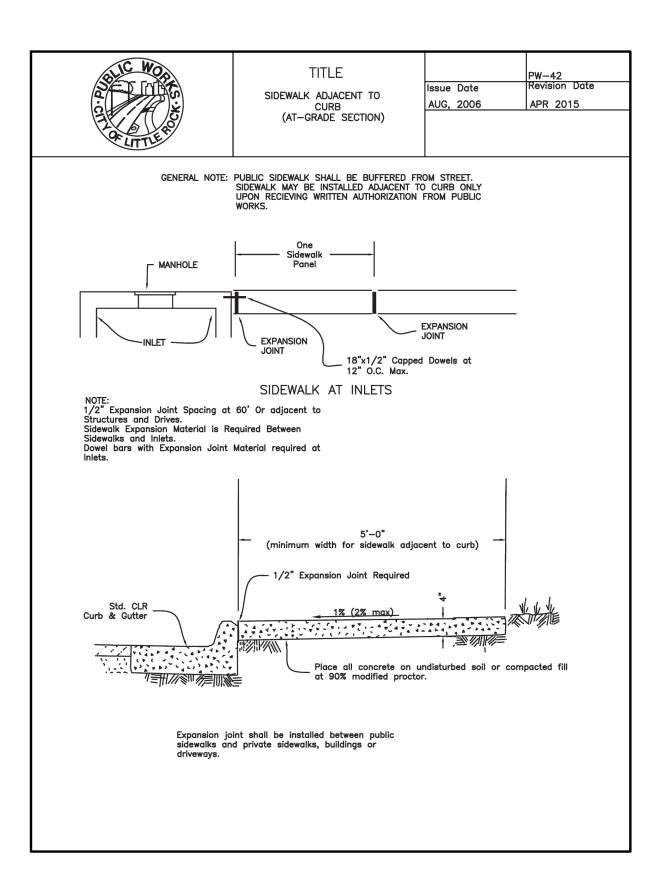


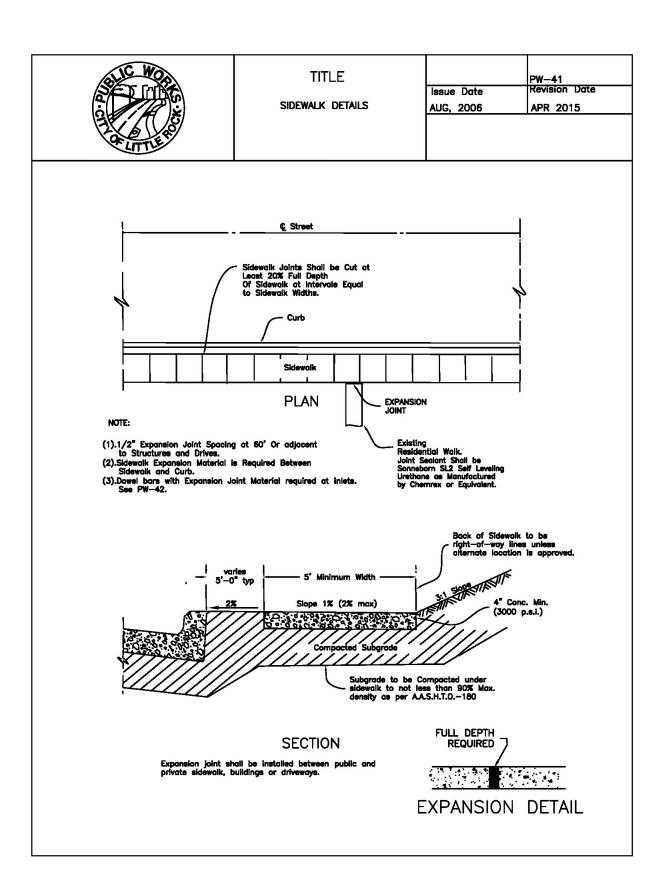


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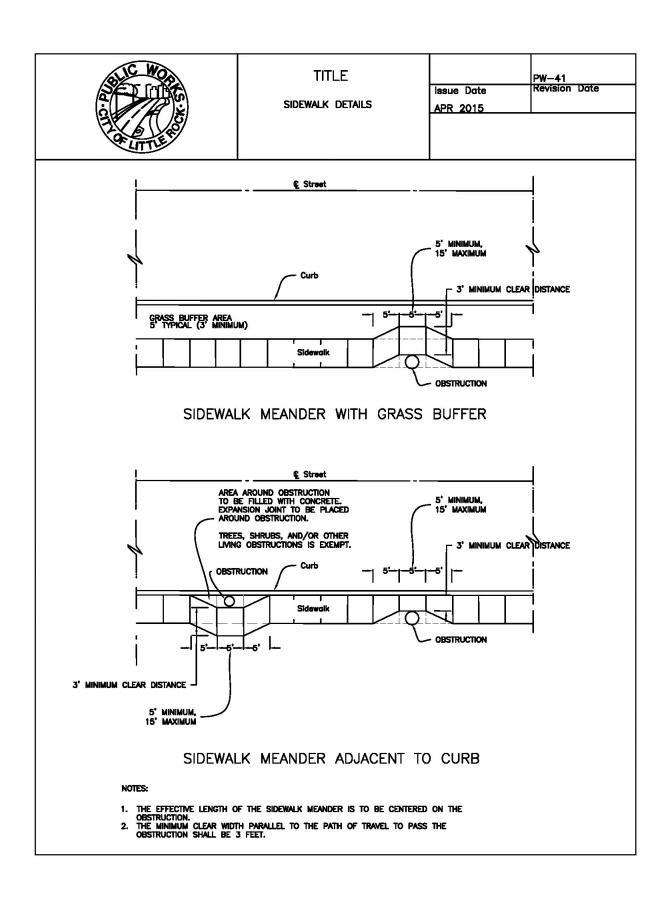


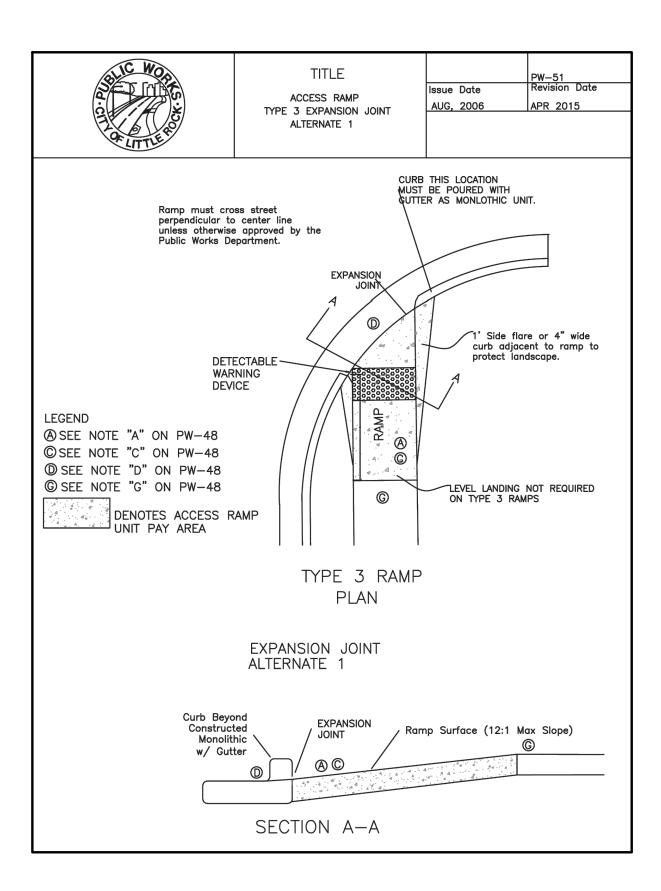






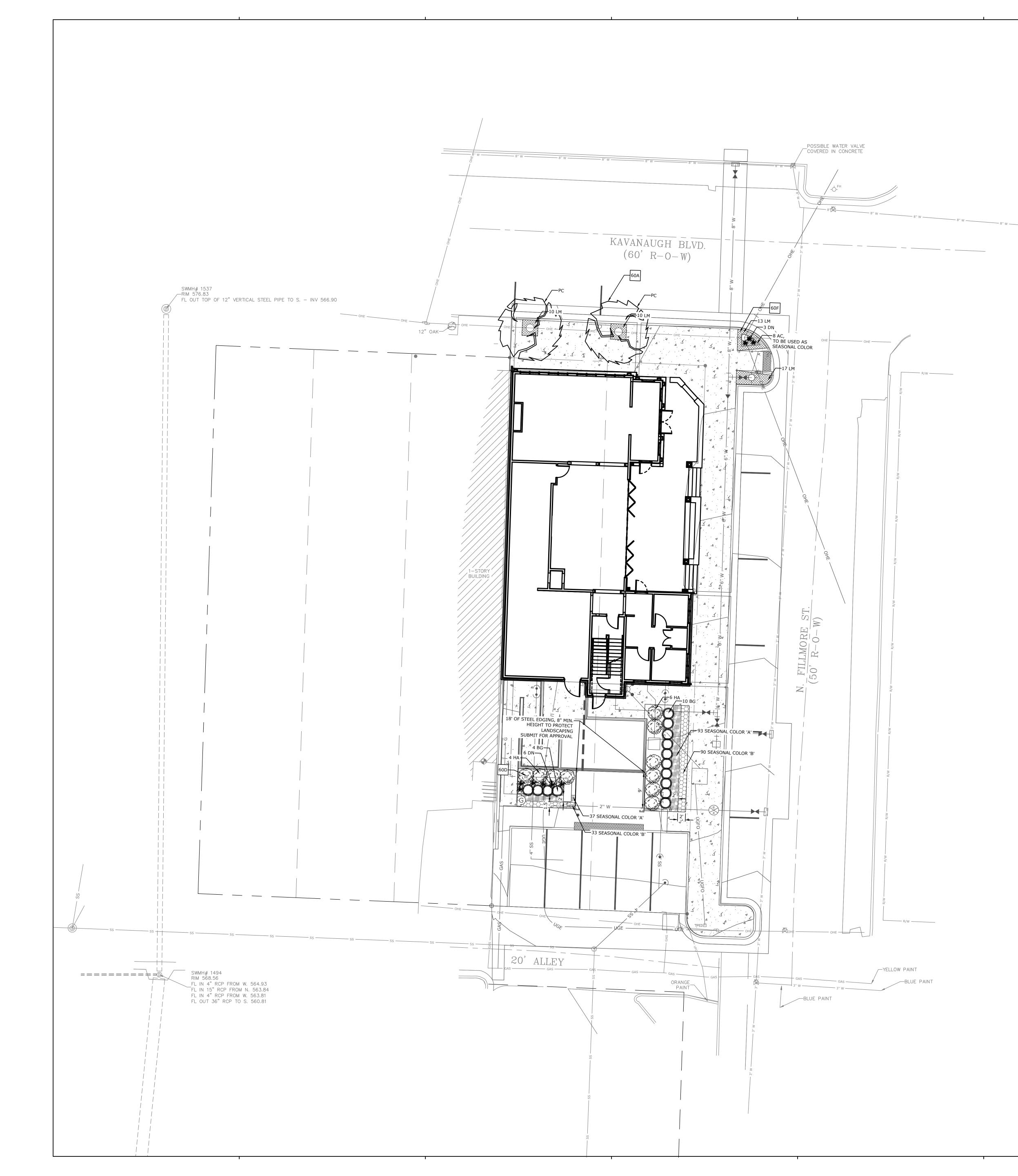
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(s)	IC WOR	TITL	.E		PW-48 Revision Date	
		ACCESS	RAMP	Issue Date	Revision Date	
iol		(GENERAL NOTES &		AUG, 2006	APR 2015	
13F						
	DY A					
~	LITTLE					
THAN 8.33% DIGITAL LEV WITH GRADE	(A) THE SLOPE OF THE RAMP SHALL NOT EXCEED 1:12 (8.33%). CONTRACTORS SHOULD FORM RAMPS AT A GRADE LOWER THAN 8.33% TO ALLOW ROOM FOR CONSTRUCTION TOLERANCES. POURING AND FINISHING RAMPS WITHOUT THE AID OF A DIGITAL LEVEL IN CHECKING GRADES IS DISCOURAGED, BECAUSE CONTRACTORS WILL BE REQUIRED TO REMOVE ANY RAMP WITH GRADES EXCEEDING REQUIREMENTS SHOWN IN STANDARD DETAILS. RAMP SURFACE SHALL BE COURSE BROOMED TRANSVERSE TO THE SLOPE. GROOVES/JOINTS ARE NOT TO BE INSTALLED IN THE RAMP SURFACE.					
3000 p.s.i	(B) THE MINIMUM THICKNESS OF RAMPS, SIDEWALKS AND LANDING AREAS SHALL BE 4 INCHES. CONCRETE TO BE MINIMUM 3000 p.s.i., EXPOSED AGGREGATE CONCRETE SHALL NOT BE USED ON SURFACE RAMPS. WIRE REINFORCEMENT IS NOT REQUIRED IN RAMPS OR SIDEWALKS UNLESS SPECIFICALLY STATED IN DESIGN PLANS.					
CROSS-SLO GUTTER, RA WITH A 4 F	(C) THE MAXIMUM RAMP AND LANDING CROSS-SLOPE SHALL BE 2.0% UNLESS THE STREET GRADE EXCEEDS 2.0%, THEN THE CROSS-SLOPE OF THE RAMP SHALL MATCH THE STREET RUNNING GRADE. DO NOT PROVIDE TRANSITIONAL WARPS IN THE GUTTER, RAMP SURFACE OR LANDING AREA. THE STREET RUNNING GRADE IS MEASURED DIRECTLY IN FRONT OF THE RAMP WITH A 4 FOOT DIGITAL LEVEL AND IS THE GRADE OF THE STREET PERPENDICULAR TO THE RAMP RUNNING SLOPE WHERE THE ASPHALT ABUTS THE GUTTER.					
(D) GUTTER SHA	ALL NOT EXCEED 5.0% DIR BETWEEN THE GUTTER AND		CURB RAMP. NO LIP	OR VERTICLE SEPARAT	ION SHALL BE	
OBSTRUCTIO	(E) THE MINIMUM RAMP WIDTH SHALL BE 4 FEET. A THREE FOOT WIDE RAMP IS ACCEPTABLE ONLY IN THE CASE OF AN OBSTRUCTION AND WITH PUBLIC WORKS WRITTEN APPROVAL. CURB RAMPS, SIDEWALKS, MEDIAN CUTS AND CROSSWALKS SHALL BE ALIGNED UNLESS NOT POSSIBLE TO AID IMPARED USERS.					
(F) RAMP SIDE FLARES SHALL NOT EXCEED 10.0% RELATIVE TO THE STREET. (EXAMPLE: IF THE STREET SLOPE IS 5.0% THEN THE SIDE FLARE SLOPE MAY BE UP TO 15.0% ON THE LOW SIDE TO ALLOW THE THE FLARE TO MATCH CURB HEIGHT IN A REASONABLE DISTANCE. THE SIDE FLARE SLOPE ON THE HIGH SIDE OF THE RAMP WOULD REMAIN AT 10.0% OR LESS GRADE SINCE IT WILL MATCH CURB HEIGHT QUICKLY).						
(G) A MINIMUM 3 FOOT LONG SIDEWALK TRANSITION SHALL BE PROVIDED WHEN MATCHING CURB RAMP/LEVEL LANDING TO EXISTING SIDEWALKS WITH CROSS SLOPE EXCEEDING 2.0%. ADDITIONAL TRANSITION LENGTH MAY BE REQUIRED WHEN MATCHING TO EXISTING SIDEWALK WITH SEVERE CROSS SLOPE.						
	(H) <u>MEDIAN CUTS:</u> SHALL BE 6 FEET WIDE FOR TWO-WAY PEDESTRIAN TRAFFIC ALIGNED WITH CROSSING. MEDIAN CUT CROSS SLOPE SHALL BE MAXIMUM 2.0% OR MATCH STREET GRADE WHEN ROADWAY SLOPE EXCEEDS 2.0%.					
(I) RAMP LENGTH IS LIMITED TO 15 FEET. 50-65% of Base Dia.						
GENERAL NOTES	FOR DETECTABLE WARNING	DEVICES		1 and the second s	0.2"	
THE DETECTABLE WARNING DEVICE SHALL BE LOCATED SO THAT THE NEAREST EDGE OF THE DEVICE IS 6 TO 8 INCHES FROM THE FACE OF CURB.						
TRUNCATED DOMES IN THE DETECTABLE WARNING SURFACE SHALL MEET THE REQUIREMENTS OF THE GEOMETRIC CONFIGURATION SHOWN.						
OF TRAVEL TO P	DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINENT DIRECTION OF TRAVEL TO PERMIT THE WHEELS TO ROLL BETWEEN DOMES.					
TRAVEL AND EXT	DETECTABLE WARNING DEVICE SHALL BE 24 INCHES IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE.					
DETECTABLE WARNING DEVICE SHALL BE ON THE AHTD QUALIFIED PRODUCTS LIST FOR CAST-IN-PLACE TACTILE PANELS (ADA DETECTABLE WARNING).						
	TYPE 1 CORNER LOCAT ALTERATIONS	TIONS WITH WALK ADJAC	ENT TO CURB BOTH	NEW CONSTRUCTION A	ND	
FIRST CHOICE		TIONS WITH WALK OFFSE P SLOPE (BOTH NEW C			D ALLOW	
		TIONS WITH WALK OFFSE P SLOPE (BOTH NEW C			ALLOW	
		TIONS (BOTH NEW CONS		RATIONS)		
SECON	TYPE 5 TANGENT LOCA	TIONS (ALTERATIONS ON	LY)			







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# PROPOSED LEGEND

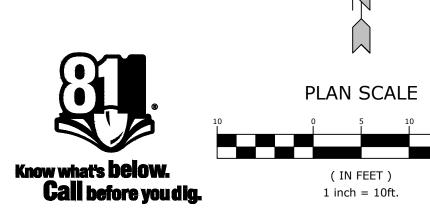
\_\_\_\_\_\_ 8'' W \_\_\_\_\_

=====	STORM DRAIN
<ul> <li>■ ● □</li> <li>■ ● ●</li> </ul>	CATCH BASIN
6	SANITARY SEWER MANHOLE
	FLARED END SECTION
G	GAS METER
Ð	ELECTRIC METER
FDC	FIRE DEPARTMENT CONNECTION
-Ò- <sup>FH</sup>	FIRE HYDRANT
Ø PIV	POST INDICATOR VALVE
$\otimes$	WATER METER
S	SANITARY SEWER MANHOLE
۲	CLEAN-OUT
E	ELECTRIC TRANSFORMER
Ø Ø>	POWER POLE/POWER POLE & GUY
¢	LIGHT POLE
	SEED (SEE PLANTING LIST - THIS SHEET)
	SOD (SEE PLANTING LIST - THIS SHEET)
Q	SHRUB PLANTING (SEE PLANTING LIST - THIS SHEET)
$\Theta$	TREE PLANTING (SEE PLANTING LIST - THIS SHEET)
GAS	GAS LINE
OHE	OVERHEAD ELECTRIC LINE
OHE&FO	OVERHEAD ELECTRIC & FIBER OPTIC LINE
OHE&T	OVERHEAD ELECTRIC & TELEPHONE LINE
OHFO	OVERHEAD FIBER OPTIC LINE
OHT&FO	OVERHEAD TELEPHONE & FIBER OPTIC LINE
OHTV	OVERHEAD TELEVISION
UGFO	UNDERGROUND FIBER OPTIC LINE
UGE	UNDERGROUND ELECTRIC LINE
UGE&FO	UNDERGROUND ELECTRIC & FIBER OPTIC LINE
UGE&T	UNDERGROUND ELECTRIC & TELEPHONE LINE
UGT	UNDERGROUND TELEPHONE
——— UGTV ———	UNDERGROUND TELEVISION
UGT&FO	UNDERGROUND TELEPHONE & FIBER OPTIC LINE
——————————————————————————————————————	WATER LINE
X''SS	SANITARY SEWER LINE
X''FM	FORCE MAIN LINE
⊡ <sub>EP</sub>	ELECTRICAL PEDESTAL
⊡ <sub>TP</sub>	TELEPHONE PEDESTAL
∎ <sub>TSP</sub>	TRAFFIC SIGNAL PEDESTAL

# LANDSCAPE DETAILS

**60 SERIES: PLANTING** 60A STREE TREE PLANTING WITH SILVA CELLS 60D SHRUB PLANTING 60F HERBACEOUS PLANTING

		PLANT LIS	T	
KEY	QTY.	COMMON NAME Botanical name	SYMBOL	SIZE / C
PC	2	Chinese Pistache Pistacia chinensis		4" CAL. (MEASUREE EDITION
HA	10	Incrediball <sup>®</sup> Smooth Hydrangea Hydrangea arborescens 'Abetwo' PP #20,571	0	7 GAL.
BG	14	Green Velvet Boxwood Buxus x 'Green Velvet'		7 GAL.
DN	9	Katrina® African Iris Dietes x 'NOLA alba' PP #21,460	×	1 GAL.
LM	50	Monroe's White Lilyturf Liriope muscari `Monroe's White'		1 GAL.
'A'	130	Seasonal Color 'A' To be selected by LA with Owner approval		1 PINT
'B'	123	Seasonal Color 'B' To be selected by LA with Owner approval		1 PINT
AC	8	Ornamental Onion Allium 'Cowanii'		6" POT
		Shredded Hardwood Mulch		SUBMIT 1 GALLON BAI MULCH F OTY SHOW 4" DEPTH IN PL/ GROUNDO



COMMENTS:
D PER ANSI Z60.1 2014 STANDARDS)
@ 3.5' O.C.
@ 2.5' O.C.
@ 18" O.C.
@ 15" O.C.
@ 10" O.C.
@ 10" O.C.
- @ 12" O.C.
AG SAMPLE OF HARDWOOD FOR REVIEW. WN IS APPROX. JANTING BEDS, 2" IN OCOVER AREAS

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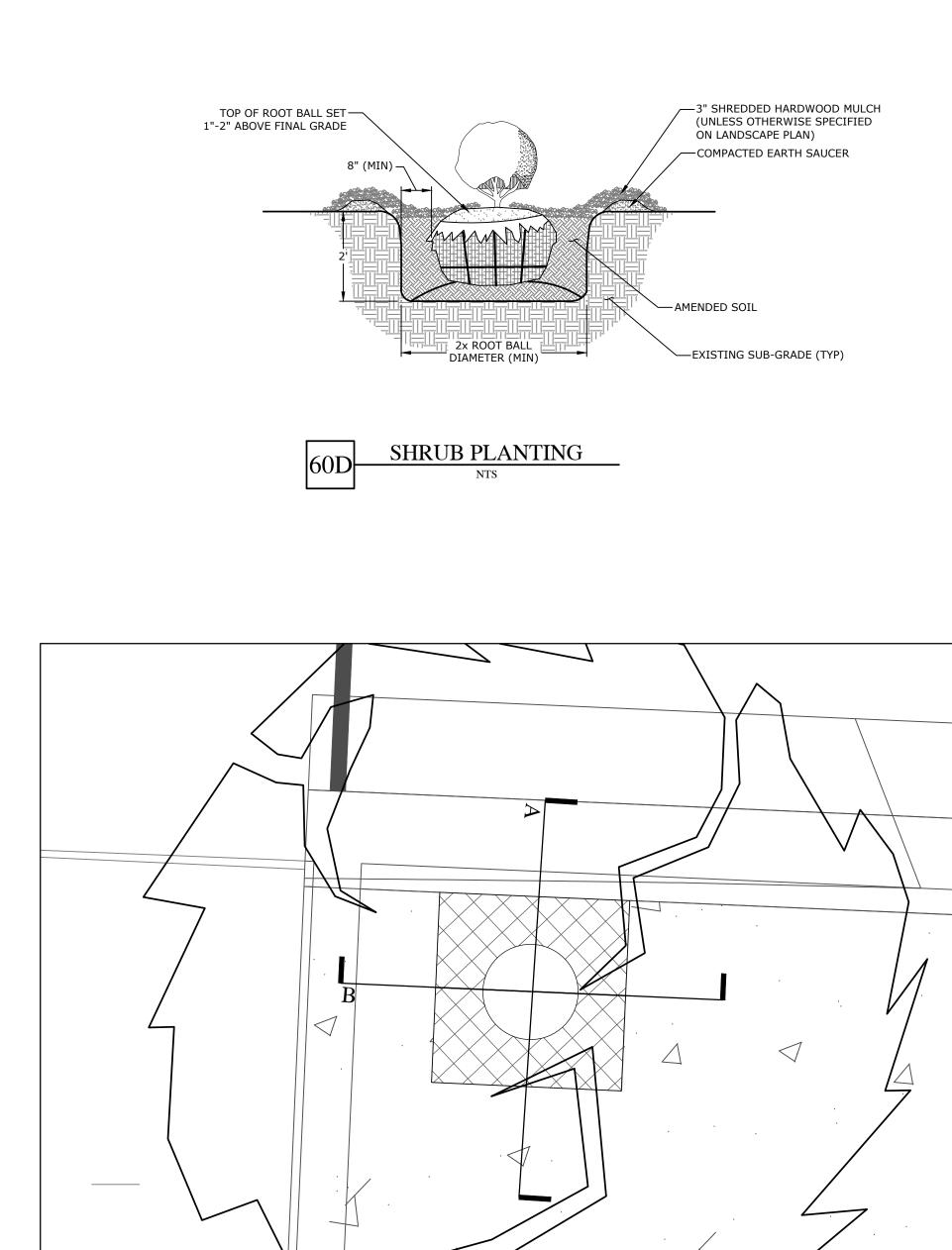
Contents:

LANDSCAPE PLAN

L100

# GENERAL LANDSCAPE NOTES

- APPLICABLE), AND ALL LOCAL CODES AND REQUIREMENTS.
- 2. CONTRACTOR TO INSPECT SITE AND VERIFY CONDITIONS AND DIMENSIONING
- 3. QUANTITIES PROVIDED IN THE PLANT LIST ARE FOR GENERAL USE ONLY.
- OUANTITIES.
- TO THE OWNER. 5. ALL PLANT MATERIALS TO CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK ANSI Z60.1.
- 6. CONTAINER GROWN STOCK SHOULD HAVE GROWN IN A CONTAINER LONG ENOUGH TOGETHER.
- OWNER.
- SITE TREATMENTS OUTSIDE LANDSCAPE IMPROVEMENTS. SEE CIVIL PLANS FOR
- INSTALLATION. THE PROPOSED DESIGN MUST HAVE AN APPROVED BACKFLOW
- ROOT AREA. 11. ALL HARDSCAPE MATERIALS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- REASON PRIOR TO FINAL ACCEPTANCE OF THE PROJECT SHALL BE CORRECTED BY
- EFFECTIVENESS OF THE SWPPP PLAN FOR THIS SITE.
- COMPLETED AFTER GRADING.



PLAN

IS INSTALLED IN ACCORDANCE WITH PLANS, DETAILS, SPECIFICATIONS (IF

PRIOR TO PROCEEDING WITH WORK DESCRIBED HERE IN. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING ANY CONSTRUCTION.

CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF ALL PLANT AND LANDSCAPE MATERIAL QUANTITIES AND FOR COMPLETE COVERAGE OF PLANTING BEDS AT SPACING SHOWN. SYMBOL COUNT ON PLAN TAKES PRECEDENCE OVER TABLE

4. IMMEDIATELY AFTER AWARD OF CONTRACT, CONTRACTOR IS TO NOTIFY THE OWNER'S REPRESENTATIVE AND / OR THE LANDSCAPE ARCHITECT OF ANY UNAVAILABILITY OF SPECIFIED PLANT MATERIAL FROM COMMERCIAL NURSERIES. THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT WILL PROVIDE ALTERNATE PLANT MATERIAL SELECTIONS IF UNAVAILABILITY OCCURS. SUCH CHANGES SHALL NOT ALTER THE ORIGINAL BID PRICE UNLESS A CREDIT IS DUE

FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ITS SOIL

7. ANY PLANT SUBSTITUTIONS, RELOCATION, OR REQUIRED CHANGES SHALL REQUIRE THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT AND / OR

8. THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT RESERVE THE RIGHT TO REFUSE ANY MATERIAL THEY DEEM UNACCEPTABLE. 9. CONTRACTOR TO COORDINATE WITH PROJECT REPRESENTATIVE FOR DISTURBED

SOIL STABILIZATION FOR EROSION CONTROL. 10. IF REQUIRED, CONTRACTOR TO ENSURE THAT AN AUTOMATED IRRIGATION SYSTEM THAT PROVIDES COMPLETE COVERAGE OF THE SITE IS INSTALLED PRIOR TO INSTALLING TREES (SEE IRRIGATION PLAN SHEET IF PROVIDED). IF NO PLAN IS PROVIDED, THE CONTRACTOR SHALL SUBMIT A PROPOSED DESIGN TO THE LANDSCAPE ARCHITECT AND / OR ENGINEER FOR APPROVAL PRIOR TO

DEVICE, PROVIDE 100% HEAD-TO-HEAD COVERAGE, AND A RAIN SENSOR INSTALLED TO STOP IRRIGATION DURING RAIN EVENTS. CONTRACTOR SHALL ENSURE THAT THERE IS POSITIVE DRAINAGE AND NO PONDING OF WATER AT

12. ALL SLOPES AND AREAS DISTURBED BY CONSTRUCTION SHALL BE GRADED SMOOTH AND FOUR INCHES OF TOPSOIL APPLIED. IF ADEOUATE TOPSOIL IS NOT AVAILABLE ON SITE, THE CONTRACTOR SHALL PROVIDE TOPSOIL (APPROVED BY THE OWNER) AS NEEDED. THE AREA SHALL THEN BE SEEDED / SODDED, FERTILIZED, MULCHED, WATERED, AND MAINTAINED UNTIL HARDY GRASS GROWTH IS ESTABLISHED IN ALL AREAS. ANY RELOCATED TREES SHALL BE MAINTAINED UNTIL SUCH POINT AS TREE IS RE-ESTABLISHED. ANY AREAS DISTURBED FOR ANY

THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. 13. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE COURSE OF THE WORK. LOCATIONS OF EXISTING BURIED UTUITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE

RESPONSIBILITY OF THE CONTRACTOR 1) TO VERIFY THE LOCATIONS OF UTILITY LINES AND ADJACENT TO THE WORK AREA, 2) TO PROTECT OF ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD, AND 3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPURTENANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION AT NO COST TO THE OWNER. 14. IF A SWPPP PLAN IS PROVIDED, THIS PLAN IS TO BE IMPLEMENTED

COOPERATIVELY WITH SWPPP PLAN (AS NEEDED), TO MAXIMIZE THE 15. THE CONTRACTOR IS ENCOURAGED TO COMPLETE TEMPORARY OR PERMANENT

SEEDING OR SODDING IN STAGES FOR SOIL STABILIZATION AS AREAS ARI

 $\triangleleft$ 

1. CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL PROPOSED LANDSCAPING 16. ALL DISTURBED AREAS AS DESIGNATED ON THE GRADING PLAN SHALL BE SOWN WITH GRASS SEED MIX OF: TEMPORARY SEEDING SCHEDULE ANNUAL RYF GRASS 5LB / 1000 SF PERMANENT SEEDING SCHEDULE MARCH 1 - AUGUST 31 BERMUDA GRASS "YUKON" (UNHULLED) 1LB / 1000 SF SEPTEMBER 1 - FEBRUARY 28 / 29 BERMUDA GRASS "YUKON" (UNHULLED) 1LB / 1000 SF 5LB / 1000 SF ANNUAL RYF GRASS

> . SEEDING ON SLOPES: HYDROSEED WITH GRASS SEED AS INDICATED ON PLANS 17 (SEE LEGEND FOR SPECIFIC GRASS SEED TYPE). SEEDING SHALL BE ACCOMPLISHED IMMEDIATELY AFTER BED PREPARATION. HYDROSEED MIXTURE SHALL CONTAIN CELLULOSE MULCH APPLIED AT A RATE OF 2,000 LBS. / ACRE, WITH A MAXIMUM OF 50 LBS. / 100 GAL. OF WATER. IF SEEDING IS DELAYED AFTER MIXING 1/2 - 2 HOURS, ADD AN ADDITIONAL 50% OF SEED MIX. IF DELAY IS LONGER THAN 2 HOURS, BEGIN WITH NEW MIXTURE. ALL SLOPES 2:1 OR GREATER SHALL BE COVERED WITH EROSION CONTROL BLANKET AS SHOWN IN THE EROSION CONTROL BLANKET DETAIL. SEE SPECIFICATIONS FOR SEED ESTABLISHMENT REQUIREMENTS.

ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.

GENERAL SOLID SOD NOTES

- ADJUST FINE GRADE TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT ANY IRREGULARITIES AND / OR AREAS WHERE WATER MAY STAND.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1 1/2" BELOW FINAL FINISH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- CONTRACTOR TO COORDINATE WITH ON-SITE CONSTRUCTION MANAGER FOR AVAILABILITY OF EXISTING TOPSOIL. IMPORTED TOPSOIL SHALL BE NATURAL, FRIABLE SOIL FROM THE REGION KNOWN AS BOTTOM LAND SOIL; FREE FROM LUMPS, CLAY TOXIC SUBSTANCES, ROOTS,
- IN COLOR. ALL LAWN AREAS TO BE FINE GRADED, SETTLED, AND FINISH GRADE APPROVED BY

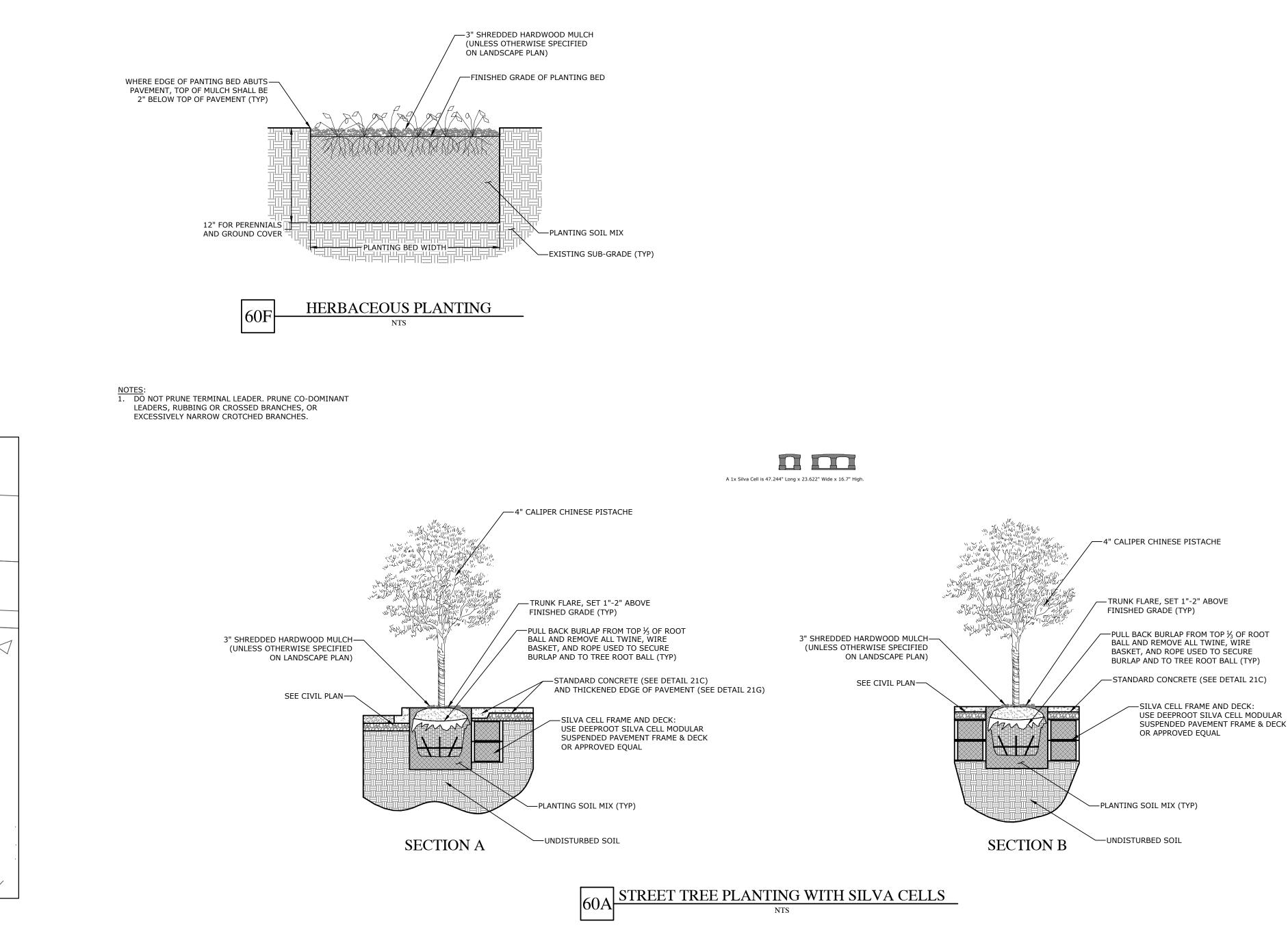
DEBRIS, VEGETATION, STONES; CONTAINING NO SALT AND BE BLACK TO BROWN

THE OWNER'S REPRESENTATIVE OR LANDSCAPE ARCHITECT PRIOR TO SOD

- INSTALLATION. ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLODS, STICKS, CONCRETE SPOILS, CONSTRUCTION WASTE, ETC. SHALL BE REMOVED PRIOR TO PLACING TOPSOIL AND ANY LAWN INSTALLATION.
- 7. PLANT SOD BY HAND TO COVER INDICATED AREA COMPLETELY. INSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
- 8. ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE FREE FROM UNNATURAL UNDULATIONS.
- 9. FERTILIZE ALL SOD AT THE TIME OF PLANTING WITH A TIME RELEASE FERTILIZER PER BRAND'S SPECIFIED APPLICATION RATES. 10. WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
- 11. IF SOD IS INSTALLED ON SLOPES OF 3:1 OR GREATER, SOD SHALL BE STAKED TO AVOID SLIPPING OR SLIDING APART. STAKING OR STAPLES SHALL BE INSTALLED FLUSH AS TO NOT CREATE A MAINTENANCE ISSUE WITH CARE EQUIPMENT.
- CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN VIGOROUS, HEALTHY CONDITIONS.
- 13. CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF AN ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
- 14. IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1ST AND MARCH 1ST, ALL SOD AREAS TO BE OVER-SEEDED WITH ANNUAL RYE GRASS SEED AT 5LBS / 1000 SF.

## GENERAL PLANTING NOTES

- 1. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING ALL PLANTED AREAS. ALL DELETERIOUS MATERIALS SUCH AS ROCK, TRASH, CONSTRUCTION DEBRIS, AGGREGATE BASE MATERIAL, ASPHALT, ETC. SHALL BE REMOVED PRIOR TO ANY FILL OPERATIONS. FILL ALL PLANTING AREAS WITH CLEAN EARTHEN FILL. SOIL SHALL BE FREE OF HEAVY, STIFF CLAY AND ANY DELETERIOUS MATERIAL OVER ONE INCH IN SIZE. THE TOP SIX INCHES OF FILL MATERIAL STRIPPED FROM SITE MAY BE UTILIZED FOR PLANTER OR TOPSOIL FILL IF PRIOR APPROVAL HAS BEEN OBTAINED FROM THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT.
- 2. FINISH GRADE OF LANDSCAPE AREAS MUST BE GRADED TO EITHER 1 1/2" BELOW ADJACENT PAVEMENT SURFACES TO ALLOW FOR TURF OR 3" BELOW ADJACENT PAVEMENT SURFACES TO ALLOW FOR MULCH.
- 3. LOCATE SHRUBS A DISTANCE OF HALF OF THEIR AVERAGE MATURE SPREAD AWAY FROM WALKS, STRUCTURES, CONCRETE PADS, ETC. CONTRACTOR TO LOCATE GROUND COVER PLANTINGS A MINIMUM OF 2' FROM WALKS, STRUCTURES, CONCRETE PADS, ETC.
- 4. ALL LAWN AREAS NOT OTHERWISE BORDERED BY WALKS, OR OTHER STRUCTURES, SHALL HAVE MANUFACTURED EDGING AS REQUIRED. 5. TREES PLANTED ADJACENT TO PUBLIC ROADS AND PEDESTRIAN SIDEWALKS SHALL
- BE PRUNED SUFFICIENTLY TO AVOID VISUAL BLOCKS TO INTERSECTING VEHICULAR ACCESS OR INTERFERENCE WITH PEDESTRIAN WALKWAYS. TREES WITH A 4" OR LARGER CALIPER SHALL BE PRUNED UP TO 6'-0" ABOVE PAVEMENTS. 6. TOPSOIL DEPTH SHALL BE AS FOLLOWS : PLANTER BEDS - 12" MINIMUM
- GRASS / SOD AREAS 4" MINIMUM (AFTER COMPACTION) 7. BACKFILL ALL TREES AND SHRUBS NOT IN PLANTING BEDS WITH A MIXTURE OF 3
- PARTS NATIVE SOIL AND 1 PART ORGANIC COMPOST. 8. THE LANDSCAPE CONTRACTOR SHALL WATER TEST ALL PLANTING HOLES PRIOR TO PLANTING IF HOLES DO NOT DRAIN PROPERLY EXCAVATE FURTHER UNTIL IMPERMEABLE LAYER IS BREACHED. EXCAVATED PLANT PITS SHALL HAVE POSITIVE DRAINAGE. PLANT PITS (WHEN FULLY FLOODED WITH WATER) SHALL DRAIN WITHIN 1 HOUR OF FILLING. ENSURE THAT ALL PLANT PITS HAVE POSITIVE DRAINAGE.
- 9. ALL PLANTING BEDS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE. PRE-EMERGENT HERBICIDE SHALL BE APPLIED PER MANUFACTURE'S RECOMMENDATIONS AND SHALL OCCUR AFTER TOPSOIL PLACEMENT, BUT PRIOR TO INSTALLATION OF PLANT MATERIALS AND MULCH.
- 10. FERTILIZE ALL PLANTS AT THE TIME OF PLANTING WITH A TIME RELEASE
- FERTILIZER PER BRAND'S SPECIFIED APPLICATION RATES. 11. ALL HERBACEOUS PLANTING BED SOILS SHALL BE AMENDED WITH 2" OF ORGANIC COMPOST TILLED IN TO A MINIMUM DEPTH OF 6".
- 12. ALL TREES AND SHRUBS SHALL BE PLANTED IN SUCH A MANNER AS TO ENSURE THEIR SURVIVAL.
- 13. ANY ROPE OR WIRE BINDING THE BALL SHALL BE CUT PRIOR TO PREVENT GIRDLING OF THE TREE. REMOVE WIRE, TWINE, AND BURLAP FROM THE TOP HALF
- OF ALL B&B PLANT MATERIAL. 14. IF A NON-BIODEGRADABLE MATERIAL IS USED AROUND THE BALL, IT SHALL BE COMPLETELY REMOVED PRIOR TO BACKFILLING.
- 15. PRIOR TO INSTALLATION, THE ROOTS OF CONTAINER GROWN STOCK SHALL BE
- SEPARATED OR SPLIT TO ENSURE PROPER ROOT DEVELOPMENT. 16. CONTRACTOR SHALL BE RESPONSIBLE FOR DELIVERY SCHEDULE AND PROTECTION
- BETWEEN DELIVERY AND PLANTING TO MAINTAIN HEALTHY PLANT CONDITIONS. 17. ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED (PRIOR TO SUBSTANTIAL COMPLETION) SHALL BE PROMPTLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS. TREES & SHRUBS SHALL BE PLANTED AS SOON AS POSSIBLE AFTER DELIVERY.
- 18. ALL TREES MUST BE STRAIGHT-TRUNKED, FULL-HEADED, AND MEET ALL REQUIREMENTS SPECIFIED. 19. NO SUBSTITUTIONS OR ALTERNATIVES WILL BE ALLOWED FOR GROUND SURFACE
- MATERIALS UNLESS APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE AND / OR LANDSCAPE ARCHITECT. 20. MAINTAIN 5' MINIMUM HORIZONTAL SEPARATION BETWEEN TREE PLANTINGS AND
- ALL UTILITIES UNLESS OTHERWISE SPECIFIED.
- 21. MULCH (HARDWOOD, ROCK, OR OTHER SPECIFIED MATERIAL) SHALL BE PLACED IN ALL PLANT BEDS AND AROUND ALL TREES. SINGLE TREES OR SHRUBS SHALL HAVE MULCHING TO THE OUTSIDE EDGE OF THE MANUFACTURED EDGING OR LANDSCAPE ISI AND
- 22. THE FOLLOWING PLANTING SEASONS ARE RECOMMENDED: EVERGREEN SHRUBBERY: SPRING, SUMMER, FALL DECIDUOUS SHRUBBERY & TREES: FALL EVERGREEN TREES: SPRING, SUMMER, FALL



PLANT GUARANTEE, REPLACEMENT, & **MAINTENANCE** A. GUARANTEE:

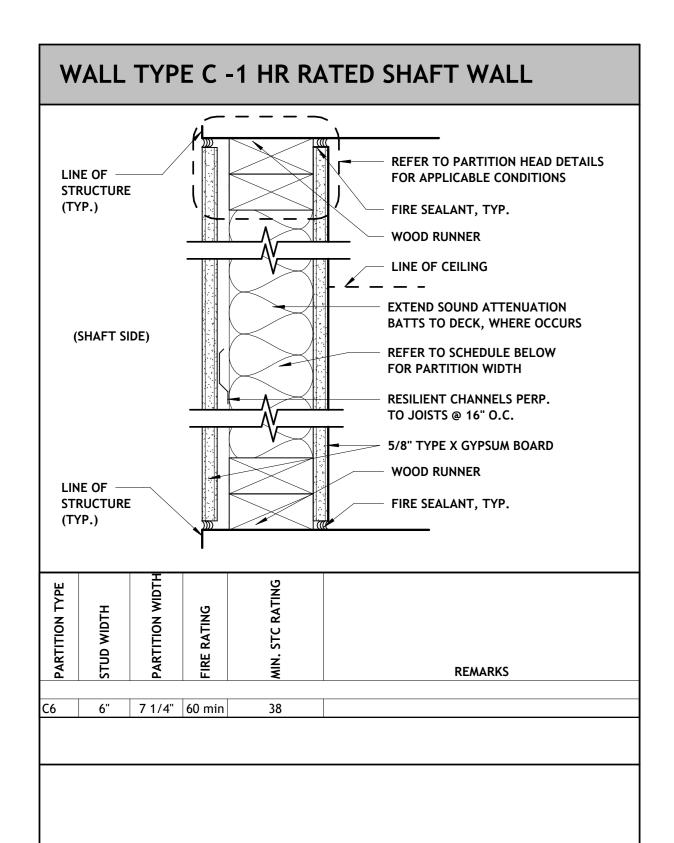
- ACCEPTANCE OF GRADING AND SEEDING SHALL BE BY LANDSCAPE ARCHITECT AND / OR OWNER. THE CONTRACTOR SHALL ASSUME MAINTENANCE RESPONSIBILITIES UNTIL FINAL ACCEPTANCE. MAINTENANCE SHALL INCLUDE, BUT NOT LIMITED TO: : WATERING, WEEDING, RE-SEEDING, AND OTHER OPERATIONS NECESSARY TO KEEP ALL LAWN AREAS IN A THRIVING CONDITION. UPON FINAL ACCEPTANCE, OWNER SHALL ASSUME ALL MAINTENANCE RESPONSIBILITIES. AFTER LAWN AREAS HAVE GERMINATED, AREAS WHICH FAIL TO SHOW A UNIFORM STAND OF GRASS FOR ANY REASON WHATSOEVER SHALL BE RE-SEEDED REPEATEDLY UNTIL ALL AREAS ARE COVERED WITH A SATISFACTORY STAND OF GRASS. MINIMUM ACCEPTANCE OF SEEDED LAWN AREAS MAY INCLUDE SCATTERED BARE SPOTS, NONE OF WHICH ARE LARGER THAN 1 SQUARE FOOT, AND WHEN COMBINED DO NOT EXCEED 2% OF TOTAL SEEDED LAWN AREA.
- REPLACEMENT: ANY PLANT UNDER THIS SPEC WHICH IS DEAD, MISSING, UNHEALTHY, OR OTHERWISE NOT ACCEPTABLE AND NOT IN SATISFACTORY GROWING CONDITION AT SUBSTANTIAL COMPLETION, SHALL BE REMOVED FROM SITE AND REPLACED WITH SUITABLE, ACCEPTABLE PLANT AS SPECIFIED, WITHIN FIVE (5) DAYS.
- THE CONTRACTOR SHALL PROVIDE EITHER A GUARANTEE, MAINTENANCE CONTRACT, OR BOND OF ALL PLANT MATERIAL FOR A PERIOD OF TIME SPECIFIED BY THE LOCAL JURISDICTION OR ONE (1) YEAR (WHICHEVER IS GREATER). GUARANTEE, MAINTENANCE CONTRACT, OR BOND SHALL BEGIN ON THE DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE OR AT THE END OF THE SPECIFIED TIME PERIOD.

# GENERAL HERBICIDES NOTES

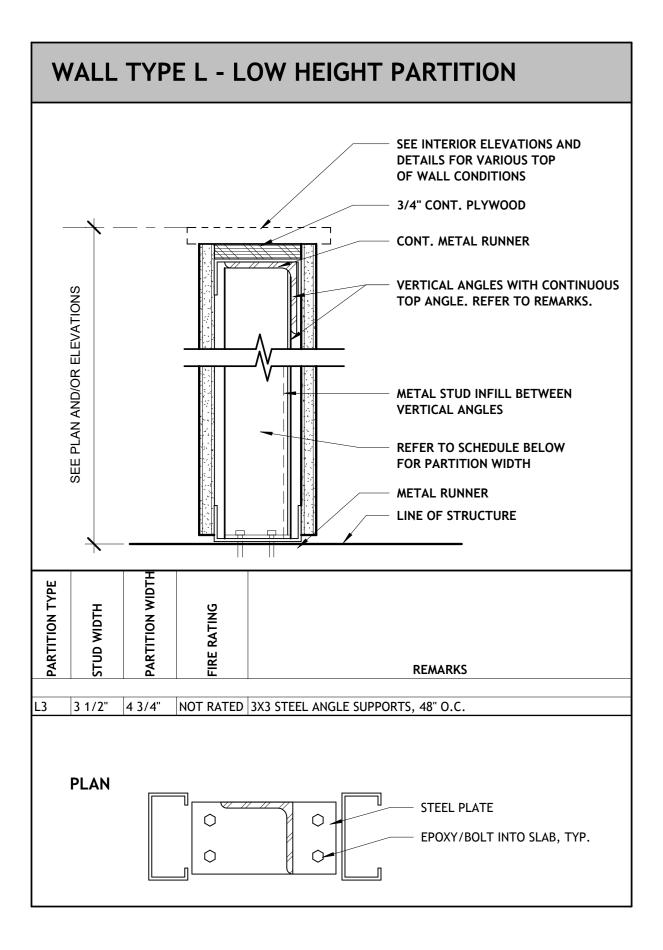
- APPLICATION OF HERBICIDES SHALL BE IN COMPLIANCE WITH STATE PESTICIDES REGULATIONS. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO CONSULT WITH THE REGULATORY AGENCIES FOR LOCAL HERBICIDES APPLICATION REQUIREMENTS.
- IF THERE IS A DISCREPANCY BETWEEN STATE REGULATIONS AND ADDITIONAL REQUIREMENTS BELOW, MOST STRINGENT SHALL RULE
- 3. NO AERIAL APPLICATION OF HERBICIDES IS PERMITTED ON SITE.
- 4. CARCINOGENS AND EPA TOXIC CATEGORY I AND II ARE PROHIBITED TO USE ON SITE

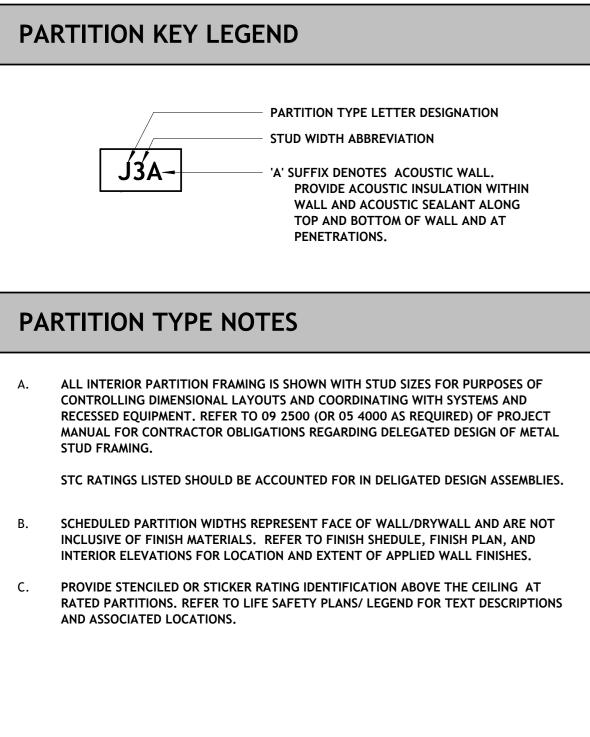


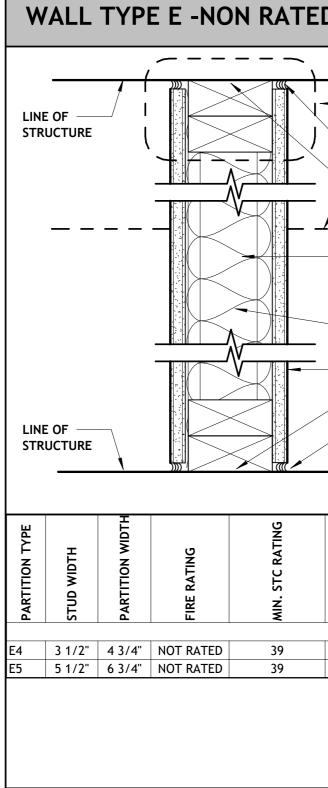
POLK STANLEY WILCOX 801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com MEP ENGINEERING Batson Inc 1300 Brookwood Dr Little Rock, AR 72202 PH: 501.664.3311 STRUCTURAL ENGINEERING Engineering Consultants, Inc 401 W Capitol Ave, Suite 305 Little Rock, AR 72201 PH: 501.376.3752 CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272 **INTERIOR DESIGN** Rebecca Callis 840 CHEROKEE ROAD CHARLOTTE, NC 28207 PH: 704.301.4961 WATKIN PSW Job Number: 1001B 100% CONSTRUCTION DOCUMENTS **English Pub** Little Rock, Arkansas Issue Date: 01.31.2025 REVISIONS NUMBER DATE DESCRIPTION Contents: LANDSCAPE NOTES 101



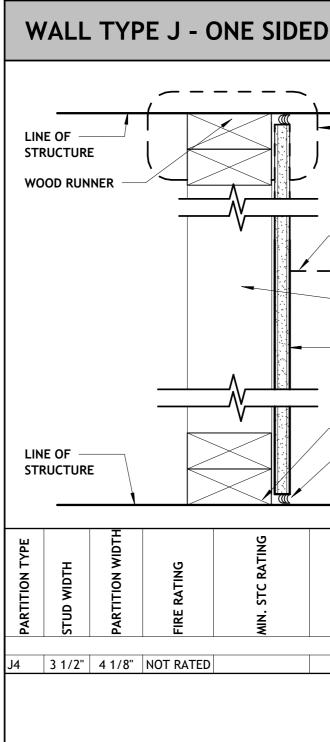
# **RATED ASSEMBLY : U 469**







# **RATED ASSEMBLY : U 438**



NOTES:

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FOR APPLICABLE CONDITIONS - ACOUSTICAL SEALANT, TYP.
- WOOD RUNNER
- LINE OF CEILING
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COM	AON ABBREVIATIONS	
ACM ADA ADAAG	ALUMINUM COMPOSITE MATERIAL AMERICAN W/ DISABILITIES ACT AMERICANS W/ DISABILITIES ACT ACCESSIBILITY GUIDELINES	J. L
AFF AHU ALT ALUM	ABOVE FINISHED FLOOR AIR HANDLING UNIT ALTERNATE ALUMINUM	
ANOD AP APPROX ARCH	ANODIZED ACCESS PANEL APPROXIMATELY ARCHITECTURAL	M M M
В/ ВО ВОТ	BOTTOM OF BOTTOM OF BOTTOM	M M M
BD BJF BLDG BLK	BOARD BITUMINOUS JOINT FILLER BUILDING BLOCK / BLOCKING	M M M
BM BRK BUR C	BEAM BRICK BUILT UP ROOFING CHANNEL	N N N N
C CBB C/C CIP CJ	CEMENTITIOUS BACKER BOARD CENTER TO CENTER CAST IN PLACE CONTROL JOINT	N O O
CL CLO CLG CLR	CENTER LINE CLOSET CEILING CLEAR DIM. BETWEEN FINISHES	
CMU COL CONC CONST	CONCRETE MASONRY UNIT COLUMN CONCRETE CONSTRUCTION	P P P
CONT COORD CORR CP	CONTINUOUS COORDINATE CORRIDOR CONTROL POINT	P P P
CTR DEFS DEPT DEMO	CENTER DIRECT APPLIED EXTERIOR FINISH SYSTEM DEPARTMENT DEMOLITION	P P P P
DEMO DF DIA DBL DIM	DRINKING FOUNTAIN DIAMETER DOUBLE DIMENSION	P P Q
DN DS DTL DWG	DOWN DOWN SPOUT DETAIL DRAWING	R
E EA EL	EAST EACH ELEVATION	S S S
ELEV ELEC EIFS EOS EJ	ELEVATOR ELECTRICAL EXTERIOR INSUL. & FINISH SYSTEM EDGE OF SLAB EXPANSION JOINT	S S S S S
EJ EQ EQUIP EXIST EXP	EQUAL EQUIPMENT EXISTING EXPANSION	5 5 5 5 5
EXT EWC F/	EXTERIOR ELECTRIC WATER COOLER FACE OF	S T T
F/F FAR FCU FD	FINISH FACE TO FINISH FACE FLOOR AREA RATIO FAN COIL UNIT FLOOR DRAIN	T T T
FEC FF&E FIN FIXT	FIRE EXTINGUISHER CABINET FIXTURE, FURNISHINGS & EQUIP FINISH FIXTURE	T T U
FLR FOC FOF FOM FOS	FLOOR FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF STUDS	v v v v
FP FRTW FT FTG	FIRE PROOFING / FIRE PROTECTION FIRE RETARDANT TREATED WOOD FEET FOOTING	v v v
GA GALV GC	GAUGE GALVANIZED GENERAL CONTRACTOR	W W Y
GFI GL GWB	GROUND FAULT INTERRUPTED GLASS / GLAZING GYPSUM WALL BOARD	Y 8a ∠
HB HC HDW HP	HOSE BIBB HOLLOW CORE HARDWARE HIGH POINT	@ # & °
HM HORIZ HR HT HVAC	HOLLOW METAL HORIZONTAL HOUR / HOURS HEIGHT HEATING, VENTILATION & AIR CONDITIONING	¢
icc id igu in	ICC A117.1 ACCESSIBILITY CODE INSIDE DIAMETER INSULATED GLASS / GLAZING UNIT INCH	

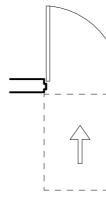
JAN	JANITOR
LAM	LAMINATED
LAV	LAVATORY
LED	LIGHT-EMITTING-DIODE
LP	LOW POINT
LTNG	LIGHTING
MACH	MACHINE
MATL	MATERIAL
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MUA	MAKE UP AIR UNIT
MUA	METAL
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OVHD	OVERHEAD
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLST	PLASTER
PLWD	PLYWOOD
PR	PAIR
PREFAB	PREFABRICATED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PTN	PARTITION
PTD	PAINTED FINISH
PVC	POLYVINYL CHLORIDE
PVDF	POLYVINYLIDENE FLUORIDE
QTY	QUANTITY
R	RISER (AT STAIRS)
REQ'D	REQUIRED
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STN	STONE
STL	STEEL
STOR	STORAGE
STR	STRINGER (AT STAIRS)
STRUCT	STRUCTURAL
SUSP	SUSPENDED
T	TREAD (AT STAIRS)
T/	TOP OF
TBD	TO BE DETERMINED
THK	THICK / THICKNESS
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL
TOW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WP	WATERPROOFING
YD	YARD
YR	YEAR
ୟ ∠ #	AND ANGLE AT NUMBER OR LB. DIAMETER

# DIAMETER DEGREES

CENTER LINE

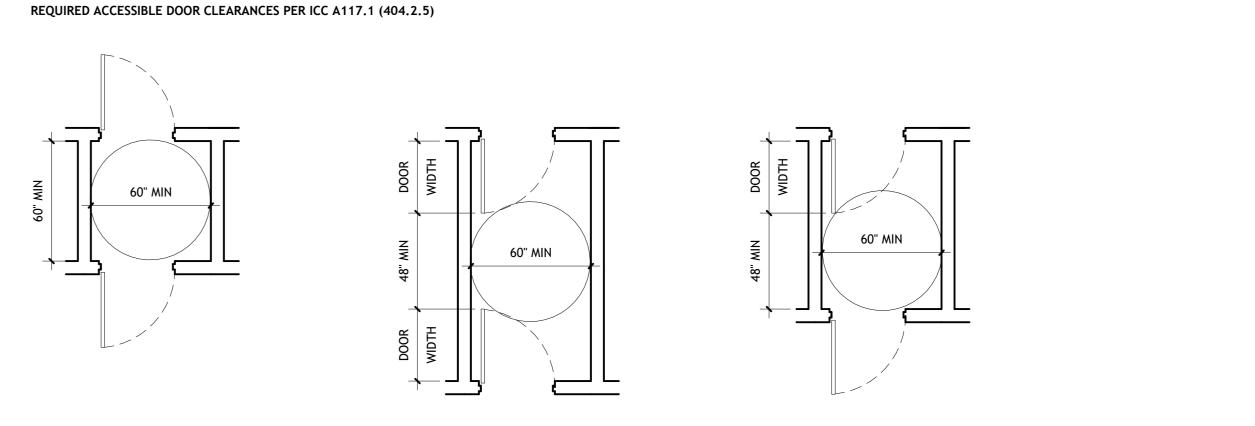
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RONT	2



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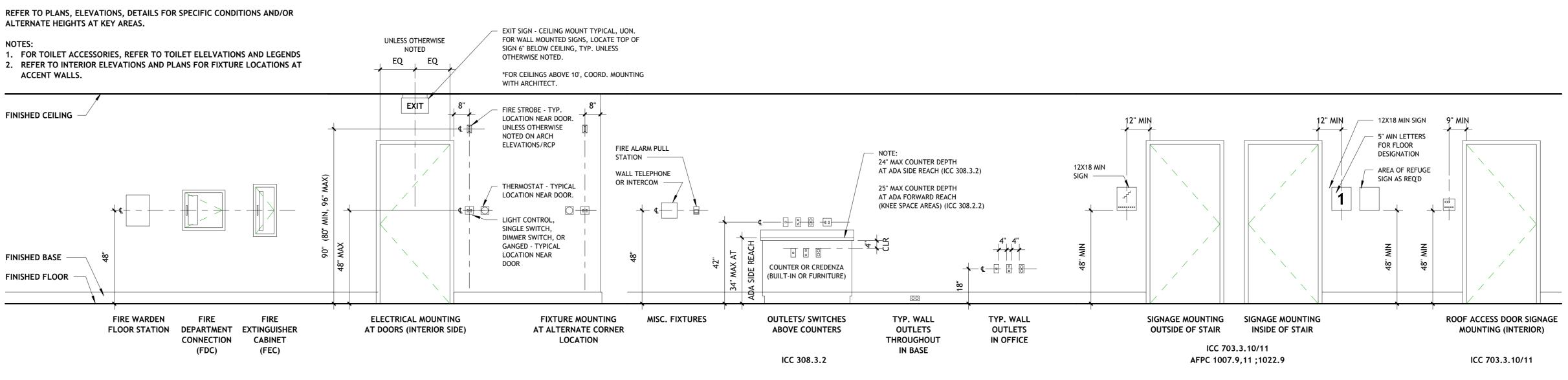




NOTES:

STANDARD DOORWAYS

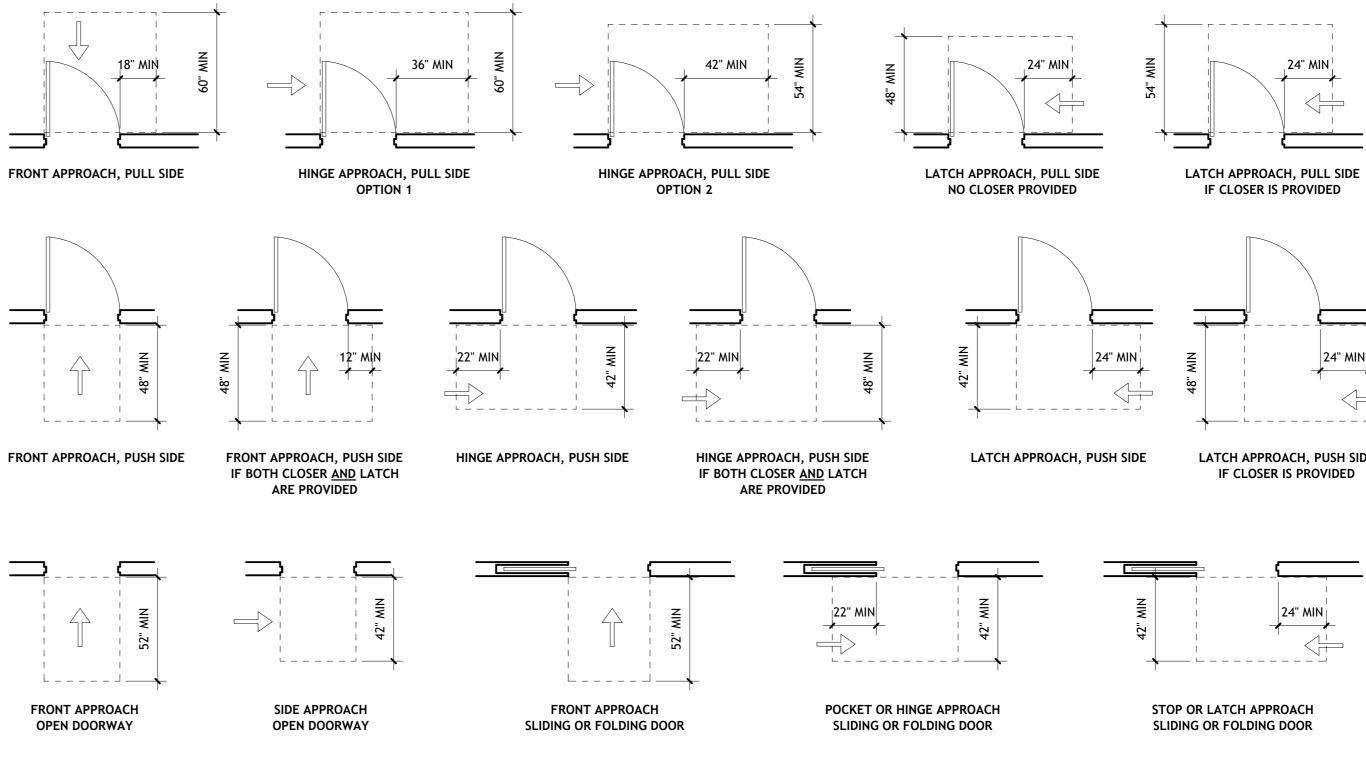
# DEVICE LOCATION AND MOUNTING HEIGHTS



# DOOR MANEUVERING CLEARANCE DIAGRAMS

REQUIRED CLEARANCES AROUND DOORS PER ICC A117.1 (404.2.3)

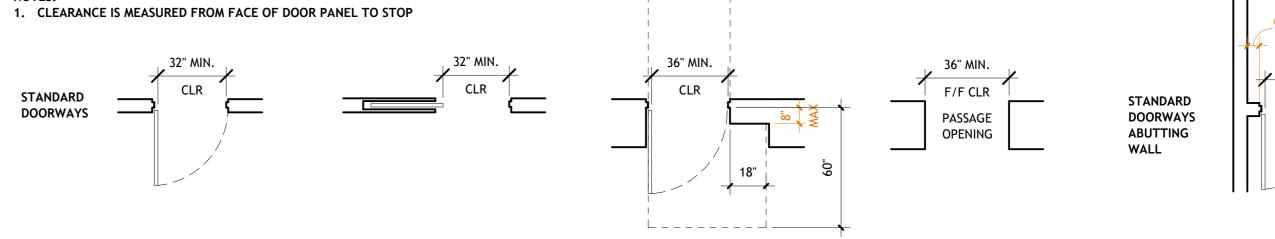
1. FLOOR SURFACES WITHIN MANEUVERING CLEARANCES SHALL BE NO STEEPER THAN 1:48 (ICC 404.2.3.1)



# DOORS IN SERIES DIAGRAMS

# DOOR OPENING CLEARANCE DIAGRAMS

REQUIRED ACCESSIBLE DOOR CLEARANCES PER ICC A117.1 (404.2.2)



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INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961



PSW Job Number: 1001B

**ENGLISH PUB** Little Rock, Arkansas

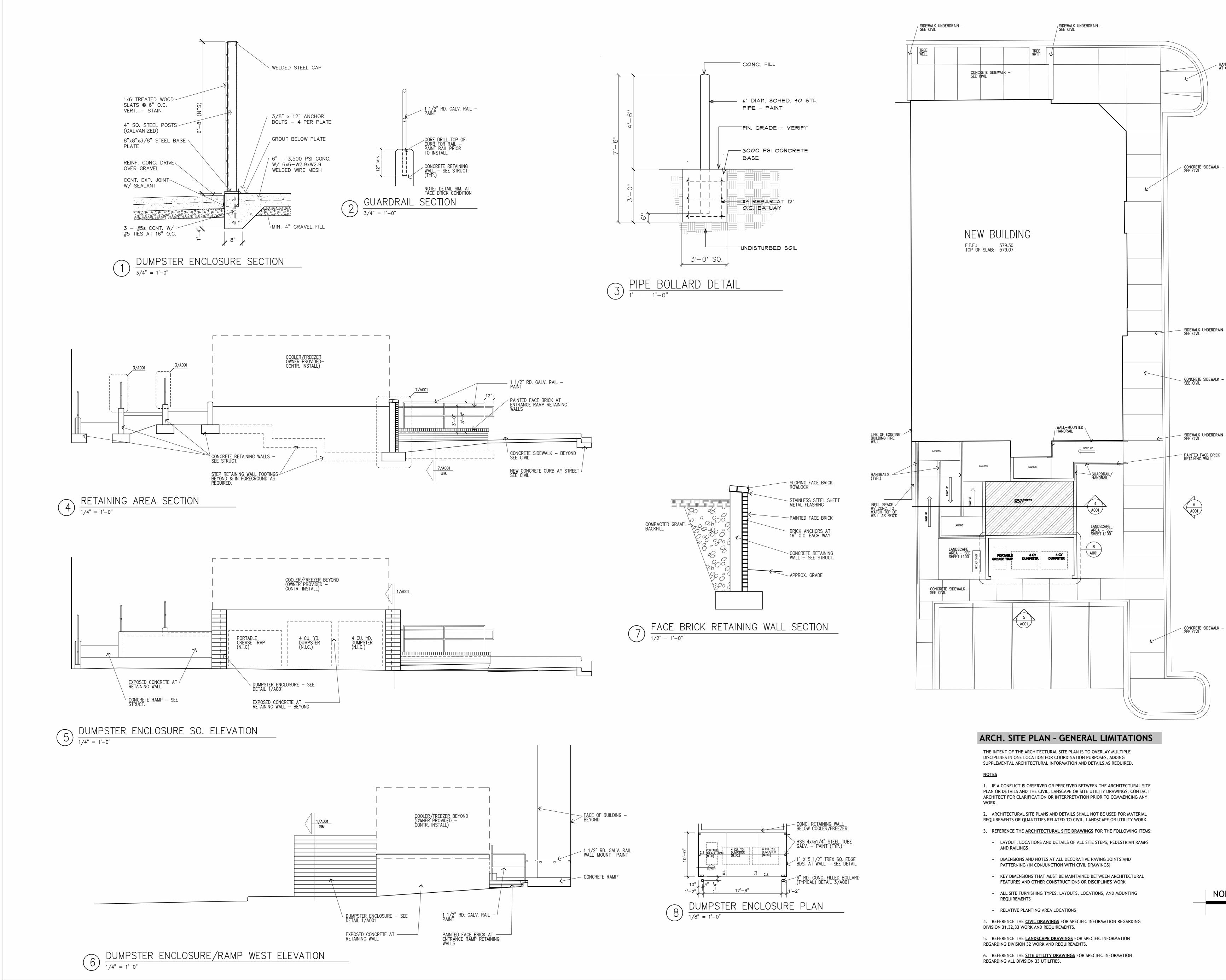
BID DOCUMENTS Issue Date: 01/31/25

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Contents: GENERAL INFORMATION, ABBREVIATIONS, MOUNTING HEIGHTS AND CLEARANCES

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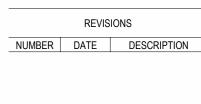


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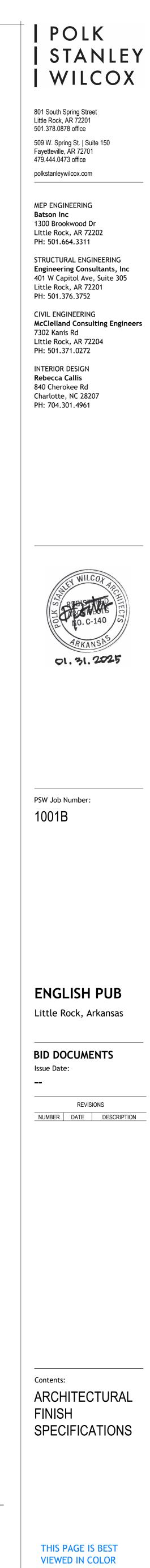
	BRICK VENEER	ACME BRICK: DOVE GRAY PEP030 105152 MODULAR	
		GROUT JOINTS TO BE RAKED EVERY THIRD HORIZONTAL JOINT; OTHER HORIZONTAL JOINTS ARE FLUSH. ALL FLUSH HEAD JOINTS.	
	LP EXTERIOR PANELS	LP SMARTSIDE BRUSHED SMOOTH VERTICAL SIDING PANELS. SEE BUILDING ELEVATIONS FOR LOCATIONS. PAINT COLOR TBD BY ARCHITECTPROVIDE FINISH SAMPLES	
	LP EXTERIOR TRIM	LP SMARTSIDE BRUSHED SMOOTH. SEE BUILDING ELEVATIONS FOR LOCATIONS. PAINT COLOR TBD BY ARCHITECTPROVIDE FINISH SAMPLES	
		SIZES 1X4/6/8/10 AND COLUMN CAP	
	LPC	LP SMARTSIDE BRUSHED SMOOTH SEE CEILING PLANS FOR LOCATIONS. PAINT COLOR TBD BY ARCHITECT PROVIDE FINISH SAMPLES	
	LP PANEL CEILING		
	EXTERIOR WINDOWS	PELLA RESERVE TRADITIONAL CASEMENT WINDOW; EXTERIOR FINISH TBD BY ARCHITECT. HARDWARE FINISH OIL RUBBED BRONZE.	
		INTERIOR FINISH TO BE FACTORY PRIMED TO PREP FOR PAINTING ON SITE BY CONTRACTOR.	
	PT2	TILEBAR; PATTERN: FORDHAM NERO BLACK MATTE, 12X24; 3/16" GROUT, INSTALLED IN ASHLAR PATTERNPROVIDE SAMPLES; GROUT AS APPROVED BY MANUFACTURER	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	TILE FLOOR	CONTACT: LISA PERKOWSKI LPERKOWSKI@TILEBAR.COM P: 501.422.1364	
	COURTYARD FLOOR	BLUESTONE PAVERS WITH CLEAR SEALER. TREADS 2 1/2" THICK WITH BULL-NOSED EDGE	
NGS	ACT	KITCHEN ZONE CEILING TILES WITH PRELUDE CEILING GRID 15/16" ARMSTRONG CEILINGS; COLOR: WHITE;	OR APPROVED SUBSTITUTIONS BY ARCHITECT
CEILINGS	ACOUSTICAL	SIZE 24" X 24" CONTACT: MICHELLE ASHBERY mfashbery@armstrongceilings.com P: 901.237.6828	
	GYP	5/8" GYPSUM BOARD CEILING. PAINTED PER ARCHITECTURAL REFLECTED CEILING PLAN	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	GYPSUM BOARD CEILING		
	PWC	1/4 TONGUE AND GROOVE CEILING. PAINTED PER ARCHITECTURAL REFLECTED CEILING PLAN.	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	WOOD CEILING	CEILING AT ENTRANCE & STAIRS	
	MOULDING	PAINTED: FARROW & BALL, COLOR: SEE ELEVATIONS; SEE A810 FOR PROFILES	
RING	WDF	NYDREE FLOORING ENGINEERED HARDWOOD; 5 1/4" WOOD PLANKS; STAIN COLOR: NATURAL,	OR APPROVED SUBSTITUTIONS BY ARCHITECT
FLOORING	WOOD FLOOR	PROVIDE SAMPLES CONTACT: KELLY KITCHETT, CONCEPT SURFACES, KELLYF@CONCEPTSURFACES.COM 214.927.9985	
	PT1	VIVA TILE BY HERITAGE TILE; PATTERN: DORIC KEY BORDER MOSAIC IN WHITE/BLACK 3/4" SQUARE; 1/16" GROUTPROVIDE SAMPLES; GROUT AS APPROVED BY	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	TILE FLOOR	MANUFACTURER	
	SV1	POLYFLOR POLYSAFE QUICKLAY PUR SHEET VINYL; 2M X 20M SIZE ROLL; WELD JOINTS FOR CONTINUOUS SEAL. COLOR TBD BY ARCHITECTPROVIDE SAMPLES	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	SHEET VINYL FLOOR		

UAJL	WB1	PAINTED 1X5.5 BASE WITH BASE CAP MOULDING; SEE A810 FOR PROFILES	NO SUBSTITUTIONS
-	WOOD BASE, TYPE 1	PAINT - FARROW & BALL: INCHYRA BLUE 289	
	WB2	PAINTED 1X5.5 BASE WITH BASE CAP MOULDING; SEE A810 FOR PROFILES	
-	WOOD BASE, TYPE 2	PAINT - FARROW & BALL: RADICCHIO 96	
-	WB3	PAINTED 1X5.5 BASE WITH BASE CAP MOULDING; SEE A810 FOR PROFILES	
-	WOOD BASE, TYPE 3	PAINT - FARROW & BALL: TANNER'S BROWN	
-	WB4	PAINTED 1X5.5 BASE WITH BASE CAP MOULDING; SEE A810 FOR PROFILES	
-	WOOD BASE, TYPE 4	PAINT - BENJAMIN MOORE: MOUNTAIN PEAK WHITE	
-	SVB	POLYFLOR POLYSAFE APEX SHEET VINYL; 2M X 20M SIZE ROLL; WELD JOINTS FOR CONTINUOUS SEAL. COVED UP WALL FOR INTEGRAL BASE. COLOR TBD BY ARCHITECTPROVIDE SAMPLES	
	SHEET VINYL BASE		
	P1	FARROW & BALL; COLOR: INCHYRA BLUE 289	NO SUBSTITUTIONS
	INTERIOR LATEX PAINT, COLOR 1	CONTACT: LYDIA TOWER NewYork.Showroom@farrow-ball.com P: 212.752.5544	
	P2	BENJAMIN MOORE; COLOR: CLOUD WHITE	NO SUBSTITUTIONS
-	INTERIOR LATEX PAINT, COLOR 2	CONTACT:	
	Р3	FARROW & BALL; COLOR: RADICCHIO 96	NO SUBSTITUTIONS
-	INTERIOR LATEX PAINT, COLOR 3	CONTACT: LYDIA TOWER NewYork.Showroom@farrow-ball.com P: 212.752.5544	
	P4	FARROW & BALL; COLOR: TANNER'S BROWN 255	NO SUBSTITUTIONS
-	INTERIOR LATEX PAINT, COLOR 4	CONTACT: LYDIA TOWER NewYork.Showroom@farrow-ball.com P: 212.752.5544	
	Р5	BENJAMIN MOORE; COLOR: MOUNTAIN PEAK WHITE	NO SUBSTITUTIONS
-	INTERIOR LATEX PAINT, COLOR 5	CONTACT:	
-	EP1	FARROW & BALL; COLOR: INCHYRA BLUE 289	
-	INTERIOR EPOXY PAINT, COLOR 1	<b>CONTACT:</b> LYDIA TOWER NewYork.Showroom@farrow-ball.com P: 212.752.5544	
-	EP2	BENJAMIN MOORE; COLOR: CLOUD WHITE	
	INTERIOR EPOXY PAINT, COLOR 2	CONTACT:	
-	WC1	SCHUMACHER WALLCOVERING; PATTERN: CHESTER WOOL; COLOR: OPAL PROVIDE SAMPLES	
-	WALL COVERING, TYPE 1	CONTACT: KATIE IX kix@fsco.com P: 212.213.7858	
-	WC2	SIBYL COLEFAX & JOHN FOWLER; PATTERN: SEAWEED BEIGEPROVIDE SAMPLES	
-	WALL COVERING, TYPE 2	CONTACT:	
	CT1	SUBWAY CERAMICS; PATTERN: GLOSS BONE, 3"X6" PROVIDE SAMPLES	OR APPROVED SUBSTITUTIONS BY ARCHITECT
-	CERAMIC TILE, TYPE 1		

INTERIOR	WALLS	FRP	INPRO ROLLED PALLADIUM RIGID SHEET; 48"H WITH COORDINATING TRIM PIECES, COLOR: TBD COLOR TO BE APPROVED BY ARCHITECT	OR APPROVED SUBSTITUTIONS BY ARCHITECT
	MISC.	BRS BRASS COUNTER	BRASS COUNTER TOP; 16 GA POLISHED BRASS ON 3/4" PLYWOOD SUBSTRATE WITH 1/8" ROUNDED EDGES AND CORNERS WELDED. COLOR TO BE APPROVED BY ARCHITECT MAIN BAR COUNTERTOPS	OR APPROVED SUBSTITUTIONS BY ARCHITECT
		STN1	MANUFACTURER: CONSENTINO; COLOR: SILESTONE, BOHEMIAN FLAME;PROVIDE SAMPLES TO ARCHITECT	OR APPROVED SUBSTITUTIONS BY ARCHITECT
		STONE COUNTER TOP, TYPE 1	UPSTAIRS BAR COUNTERTOP	
		STN2	MANUFACTURER: ESSEZA POLISHED 3CM QUARTZ Q; SOURCED FROM BOTTEGA SURFACES IN CHARLOTTE, NC;PROVIDE SAMPLES	OR APPROVED SUBSTITUTIONS BY ARCHITECT
		STONE COUNTER TOP, TYPE 2	RESTROOM COUNTERTOPS	
		STN3	MANUFACTURER: CONSENTINO; COLOR: DEKTON MICRON; PROVIDE SAMPLES TO ARCHITECT	NO SUBSTITUTIONS
		STONE FIREPLACE SURROUND	2ND FLOOR SEATING AREA FIREPLACE	
		UPH1	MANUFACTURER: ULTRAFABRICS; PATTERN: BRISA DISTRESSED; COLOR: IRON; PROVIDE SAMPLES TO ARCHITECT BANQUETTE SEAT CUSHION IN MAIN DINING.	NO SUBSTITUTIONS
		TYPE 1 UPH2		
		UPHOLSTERY, TYPE 2	MANUFACTURER: SISTER PARISH; COLOR: MAHALO PERFORMANCE INDIGO; PROVIDE SAMPLES TO ARCHITECT BANQUETTE SEAT CUSHION IN UPSTAIRS PATIO.	NO SUBSTITUTIONS

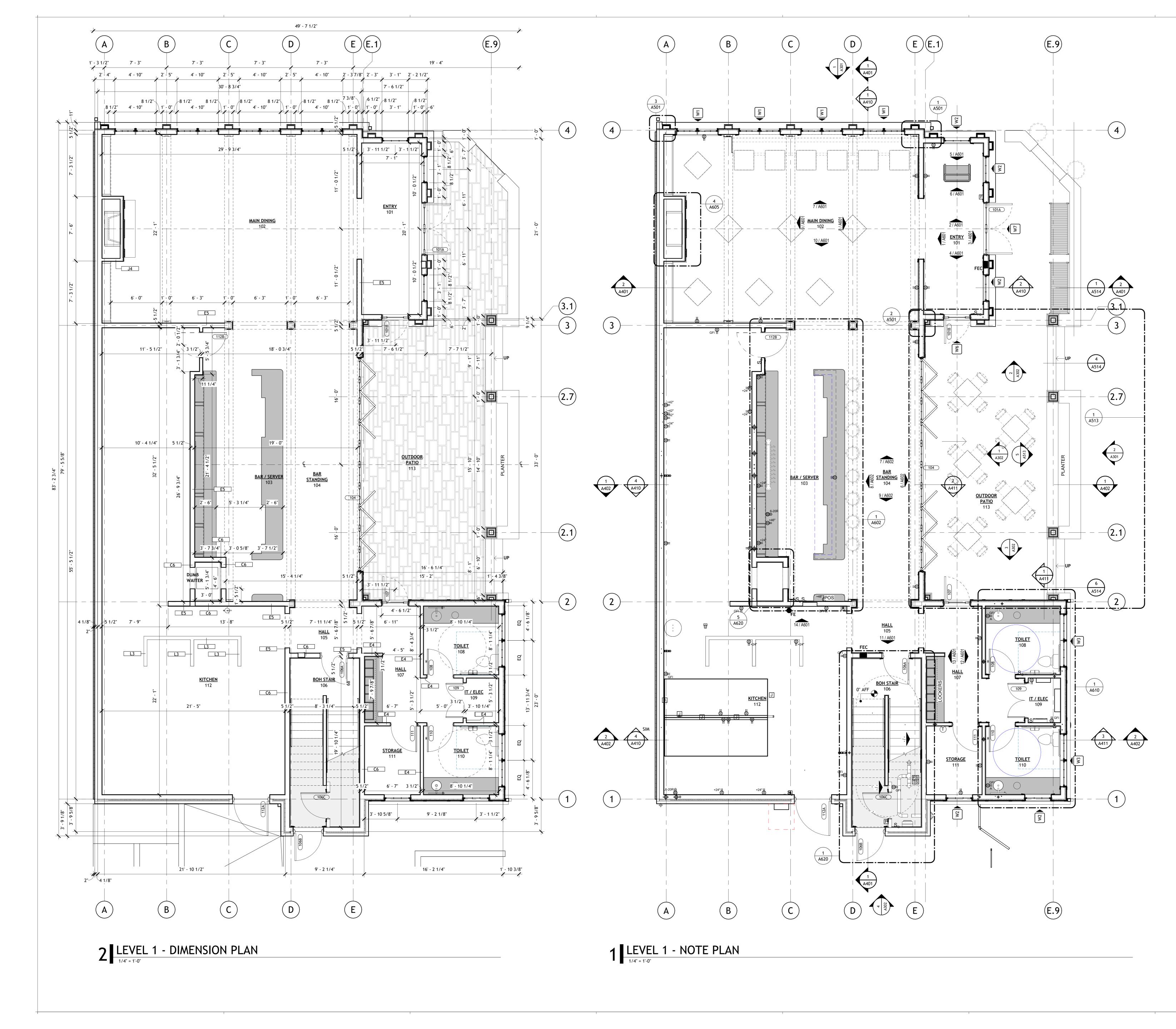
SIGNAGE IS OWNER FURNISHED, CONTRACTOR INSTALLED.PROVIDE CODE-REQUIRED INTERIOR SIGNAGE. SIGN BACKGROUND WILL MATCH THE FIELD WALL COLOR. VERIFY DESIGN AND FINISHES WITH ARCHITECT. PRIOR TO FINAL PRICING AND FABRICATION, COORDINATE THE DESIGN WITH ARCHITECT FOR ANY NON-CODE REQUIRED SIGNAGE. SIGNAGE SCHEDULE

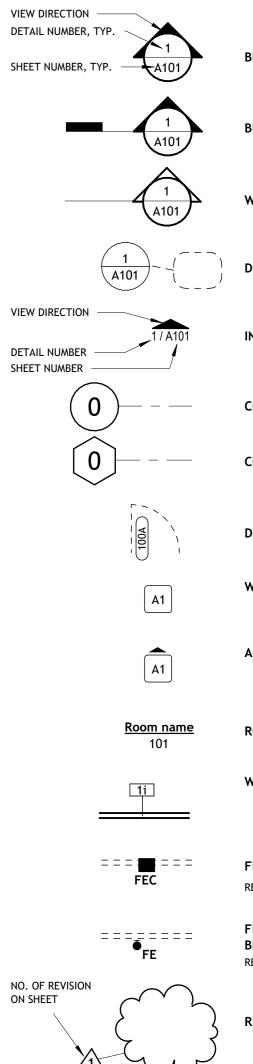
MARK	SIZE	MESSAGE
106	8 1/2" X 7"	STAIRS ACCESS TO ROOF
108	4" X 7"	RESTROOM
109	4" X 7"	ELECTRICAL ROOM
110	4" X 7"	RESTROOM
111	4" X 7"	STORAGE
204	8 1/2" X 7"	STAIRS ACCESS TO ROOF
206	4" X 7"	RESTROOM
207	4" X 7"	ELECTRICAL ROOM
208	4" X 7"	RESTROOM
210	4" X 7"	STORAGE





A002





# DIMENSION PLAN LEGEND

0	COLUMN
0	COLUMN
<u>Room name</u> 101	ROOM N
	WALL PA REF SHE

# DIMENSION PLAN GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUDS, TYPICAL 2. WHERE DIMENSIONS ARE NOT TO FACE OF STUD, THE INTENDED OBJECT OR SURFACE IS REFERENCED IN THE DIMENSION STRING

8' - 0" (M.O.)	REFE
M.O	REFE

COMMON REFERENCE OBJECT ABBREVIATIONS	
В.О.	TO BOTTOM OF OBJECT
CL	CENTERLINE OF OBJECT
CLEAR	CLEAR BETWEEN FINISHES
FRAME	CLEAR OPENING AT DOOR O
MAX	MAXIMUM DISTANCE ALLOW
MIN	MINIMUM DISTANCE ALLOW
м.о.	MASONRY OPENING
т.о.	TO TOP OF OBJECT
TO CTR	TO THE CENTER OF THE OB
TO GRID	TO THE GRID LINE
TO BRK	TO THE FACE OF BRICK
TO FIN	TO THE FINISHED SURFACE
TYP.	TYIPCAL FOR SIMILAR COND

# PLAN SYMBOLS LEGEND

BUILDING ELEVATIONS, MAIN

BUILDING SECTION KEY

WALL SECTION KEY

DETAIL CALLOUT

INTERIOR ELEVATION

COLUMN GRID, NEW

COLUMN GRID, EXISTING

DOOR TAG, STANDARD

WINDOW TAG REFER TO WINDOW SCHEDULE(S) : SHEET A740, A741, etc.

ALUMINUM WINDOW SYSTEM TAG REFER TO WINDOW SCHEDULE(S) : SHEET A740, A741, etc.

ROOM NAME / NUMBER

WALL PARTITION TAG **REFER TO PARTITION SCHEDULE :** SHEET A701, A702, etc.

FIRE EXTINGUISHER CABINET REFER TO LIFE SAFETY PLAN FOR TYPES

FIRE EXTINGUISHER-BRACKET MOUNT REFER TO LIFE SAFETY PLAN FOR TYPES

**REVISION CLOUD W/ DELTA** 

MN GRID, NEW

MN GRID, EXISTING

NAME / NUMBER

PARTITION TAG REFER TO PARTITION SCHEDULE : SHEET A701, A702, etc.

FERENCE OBJECT NOTATION (OR) EFERENCE OBJECT NOTATION

OBJECT OBJECT FINISHES AT DOOR OR WINDOW FRAME NCE ALLOWED ICE ALLOWED

OF THE OBJECT BRICK

D SURFACE AILAR CONDITIONS



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INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961



PSW Job Number:

1001B

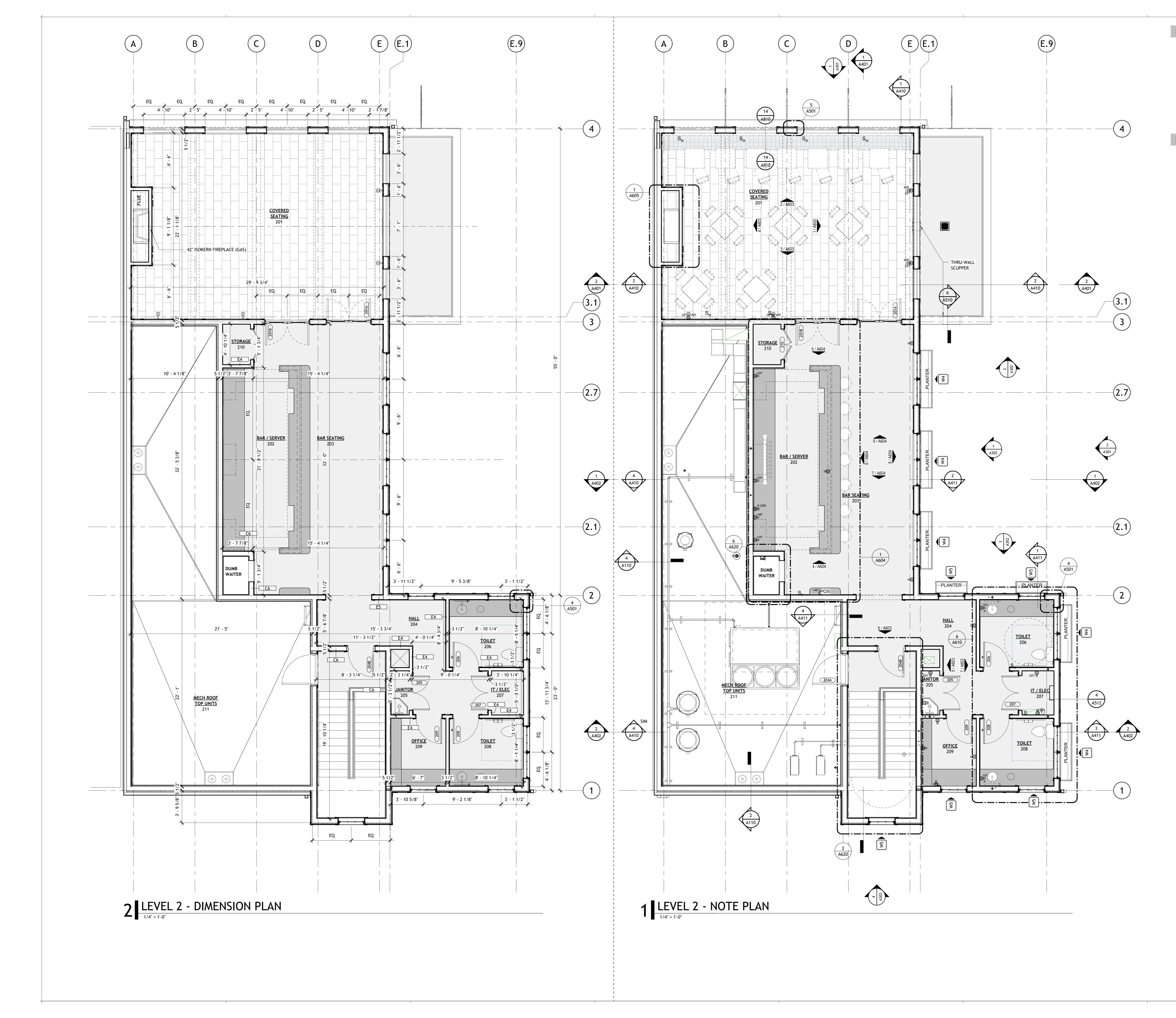
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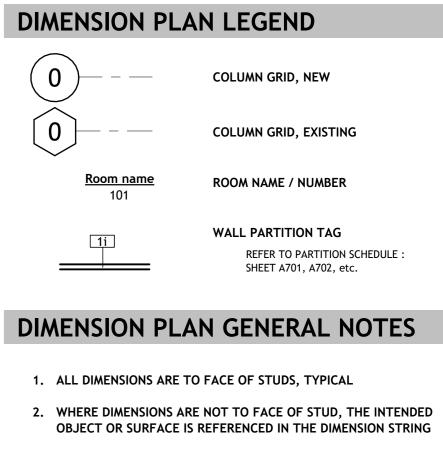
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M.O	REFER
COMMON REFE	RENCE OBJECT ABBREVIAT
В.О.	TO BOTTOM OF OBJ
CL	CENTERLINE OF OBJ
CLEAR	CLEAR BETWEEN FIN
FRAME	CLEAR OPENING AT
MAX	MAXIMUM DISTANCE
MIN	MINIMUM DISTANCE
м.о.	MASONRY OPENING
т.о.	TO TOP OF OBJECT
TO CTR	TO THE CENTER OF
TO GRID	TO THE GRID LINE
TO BRK	TO THE FACE OF BR
TO FIN	TO THE FINISHED SU
TYP.	TYIPCAL FOR SIMILA

8' - 0" (M.O.)

COLUMN GRID, EXISTING

**ROOM NAME / NUMBER** 

REFER TO PARTITION SCHEDULE : SHEET A701, A702, etc.

- REFERENCE OBJECT NOTATION (OR) REFERENCE OBJECT NOTATION

VIATIONS OBJECT OBJECT N FINISHES AT DOOR OR WINDOW FRAME NCE ALLOWED NCE ALLOWED

OF THE OBJECT F BRICK D SURFACE

MILAR CONDITIONS



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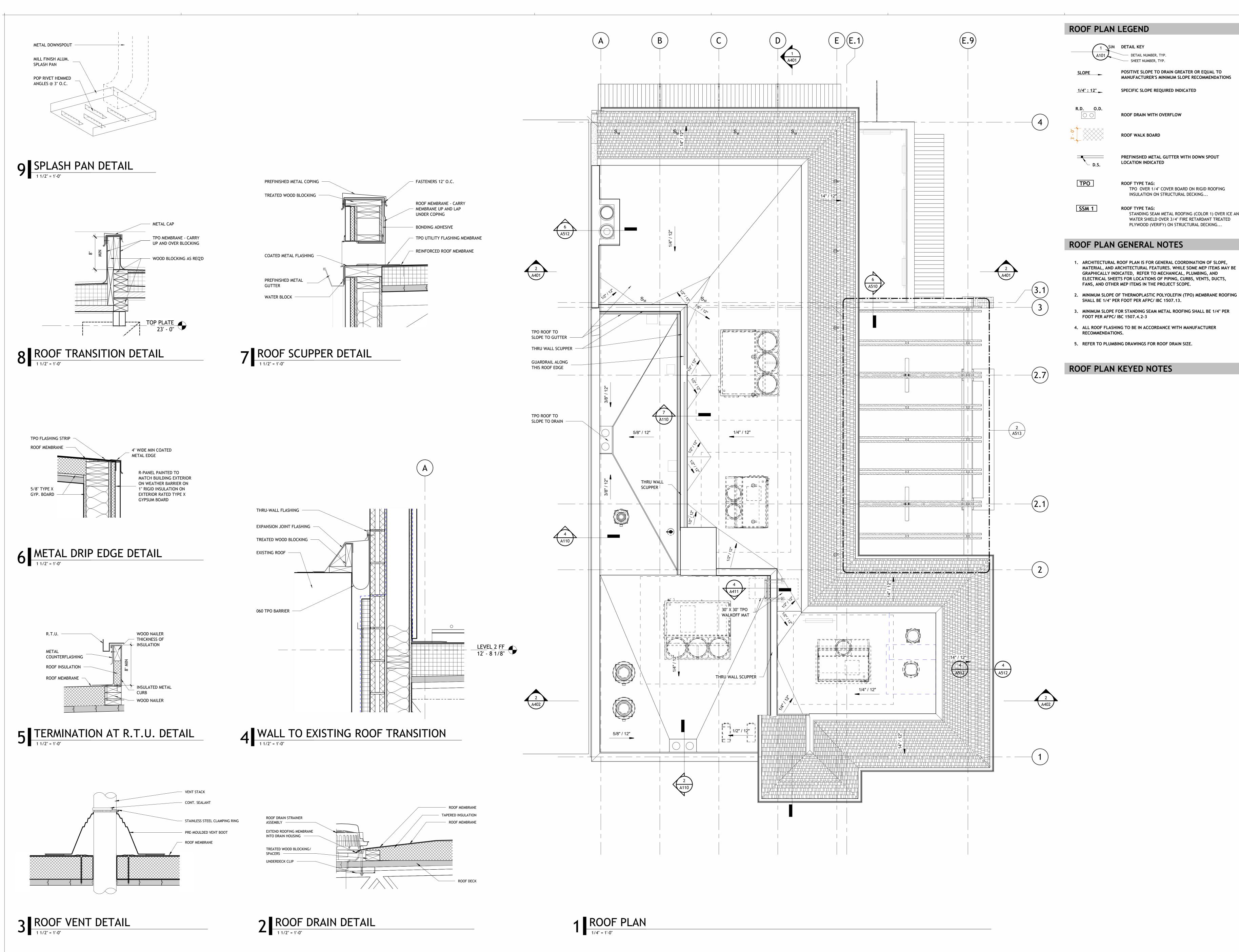
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POSITIVE SLOPE TO DRAIN GREATER OR EQUAL TO MANUFACTURER'S MINIMUM SLOPE RECOMMENDATIONS

PREFINISHED METAL GUTTER WITH DOWN SPOUT

TPO OVER 1/4" COVER BOARD ON RIGID ROOFING

STANDING SEAM METAL ROOFING (COLOR 1) OVER ICE AND WATER SHIELD OVER 3/4" FIRE RETARDANT TREATED PLYWOOD (VERIFY) ON STRUCTURAL DECKING...



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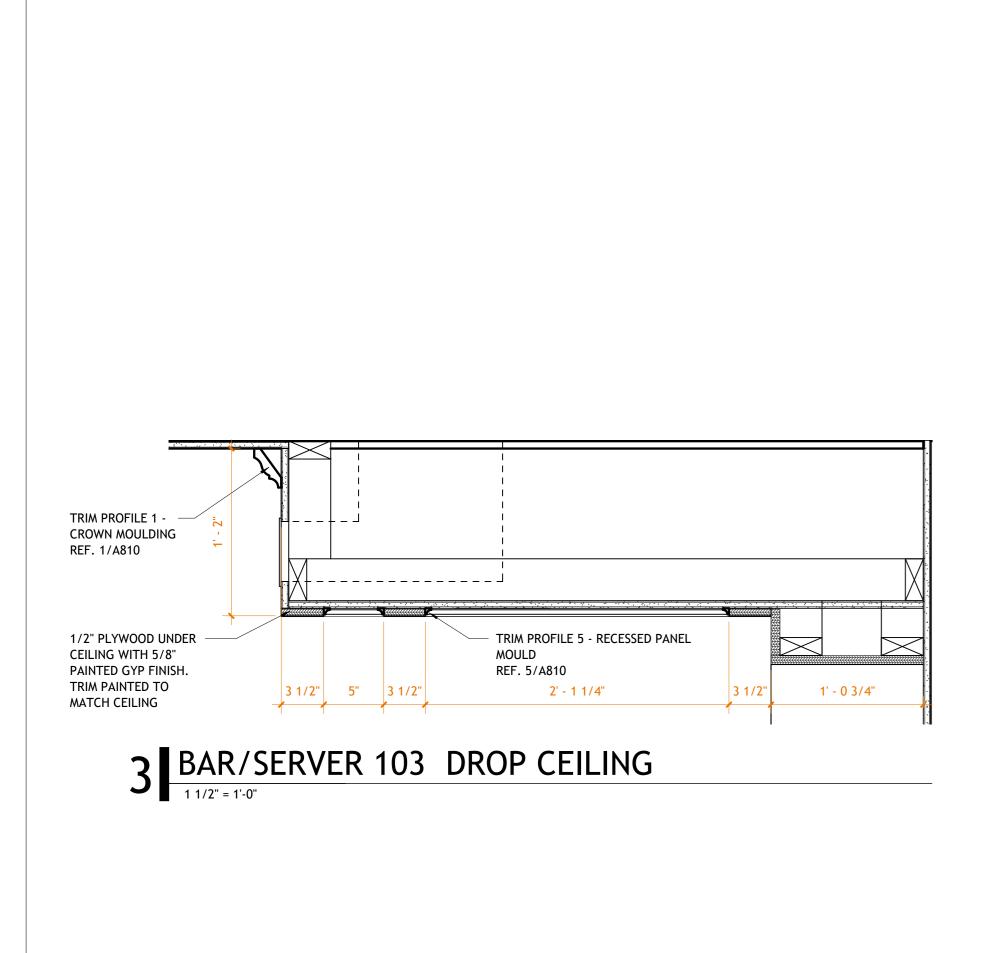
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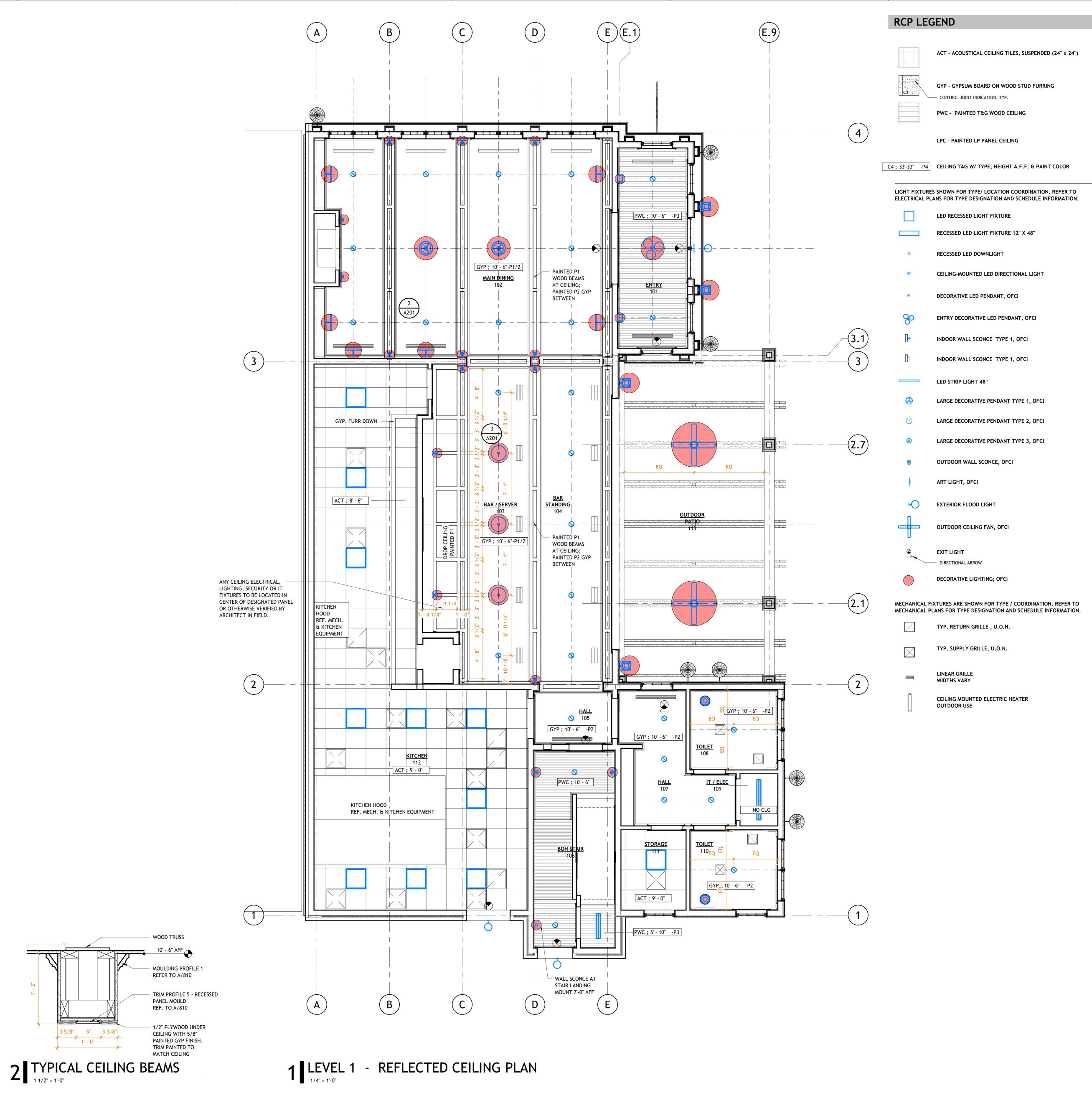
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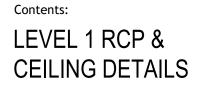
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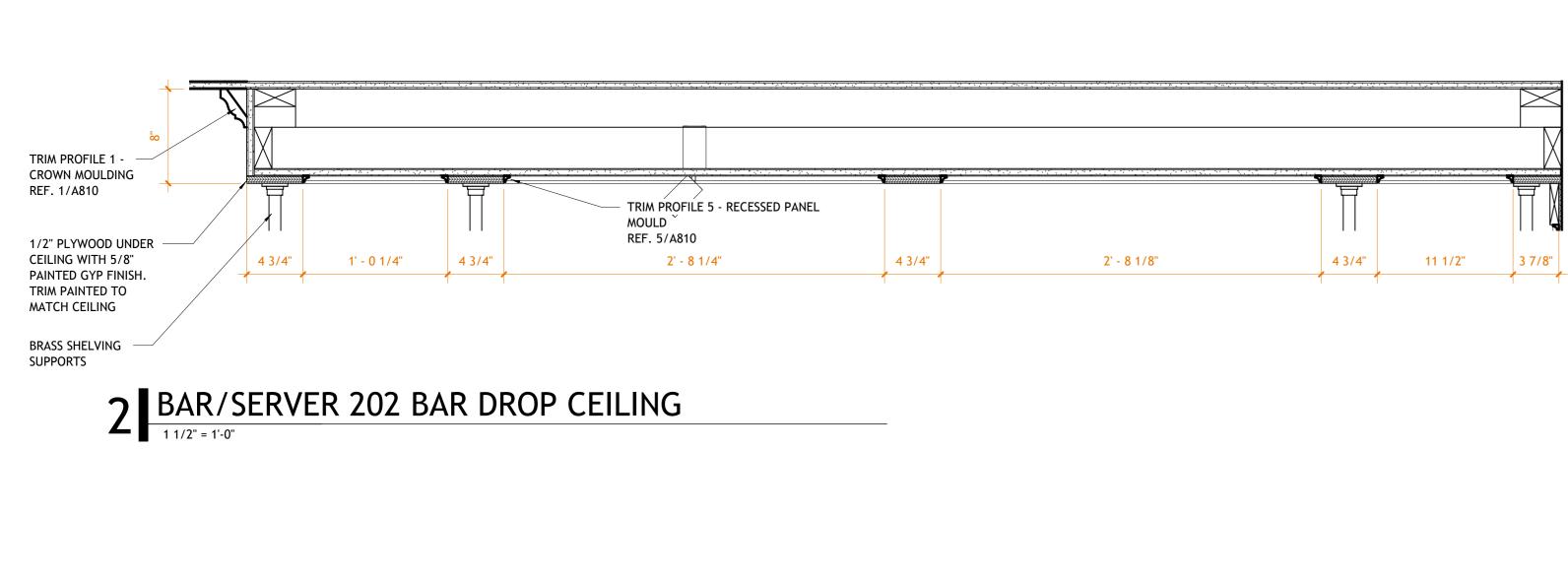
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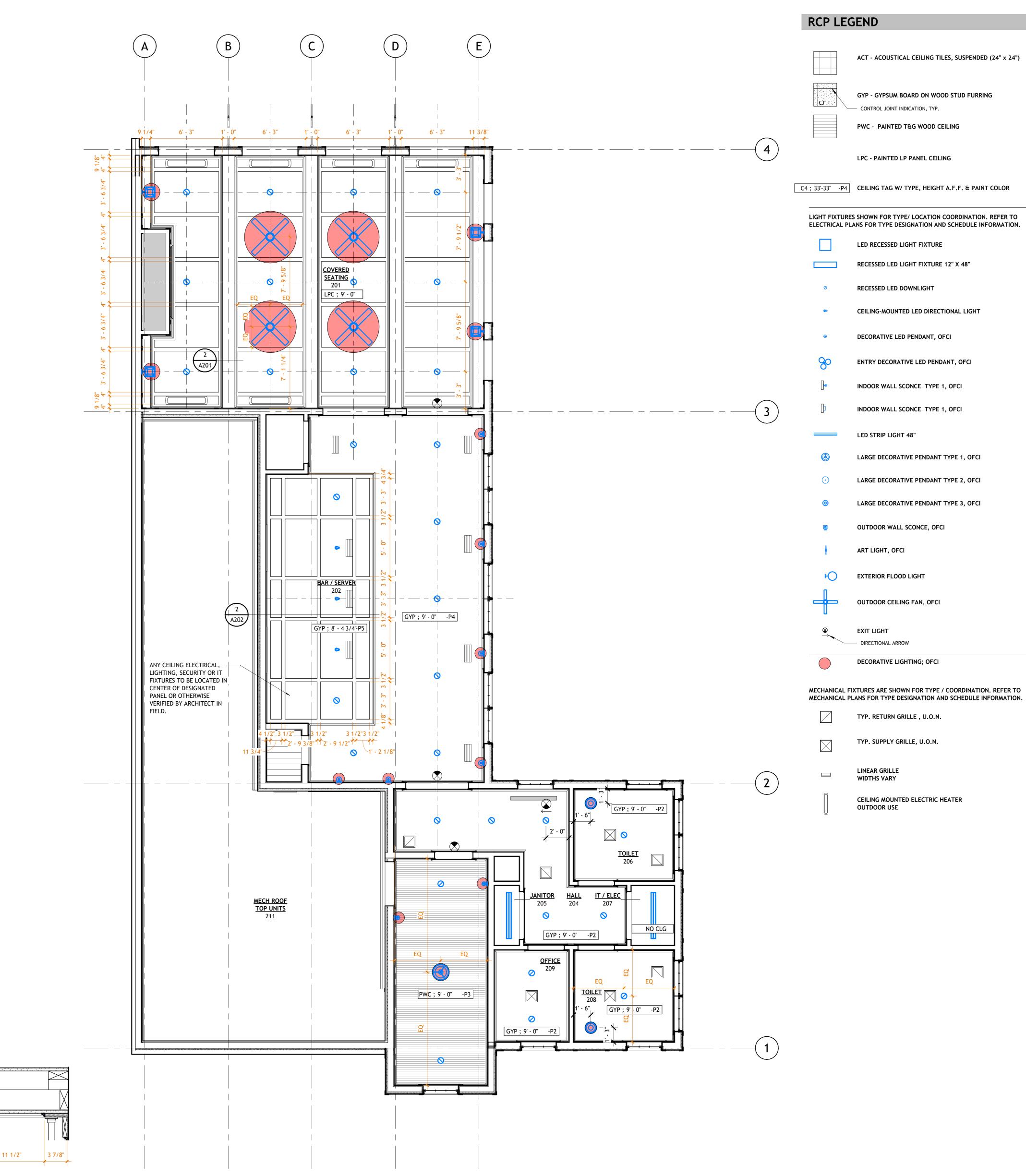
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1 LEVEL 2 - REFLECTED CEILING PLAN



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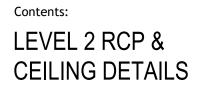
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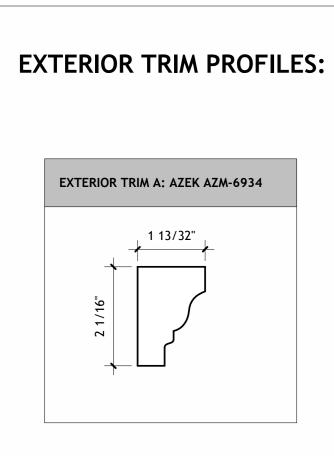
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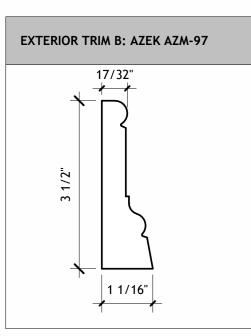
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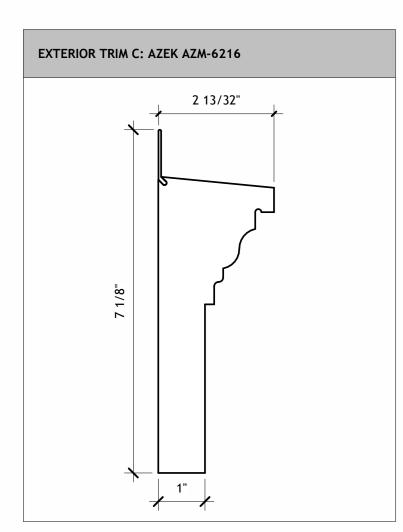


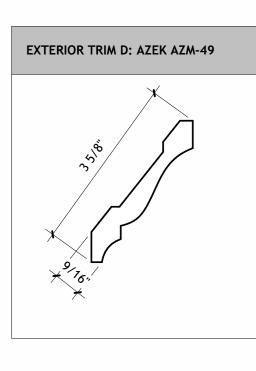
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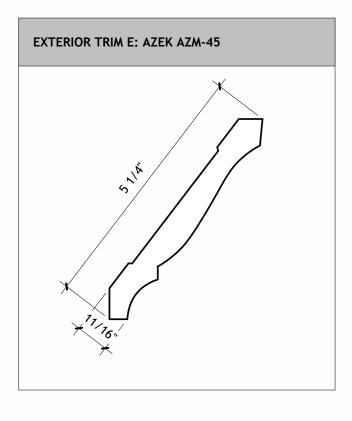


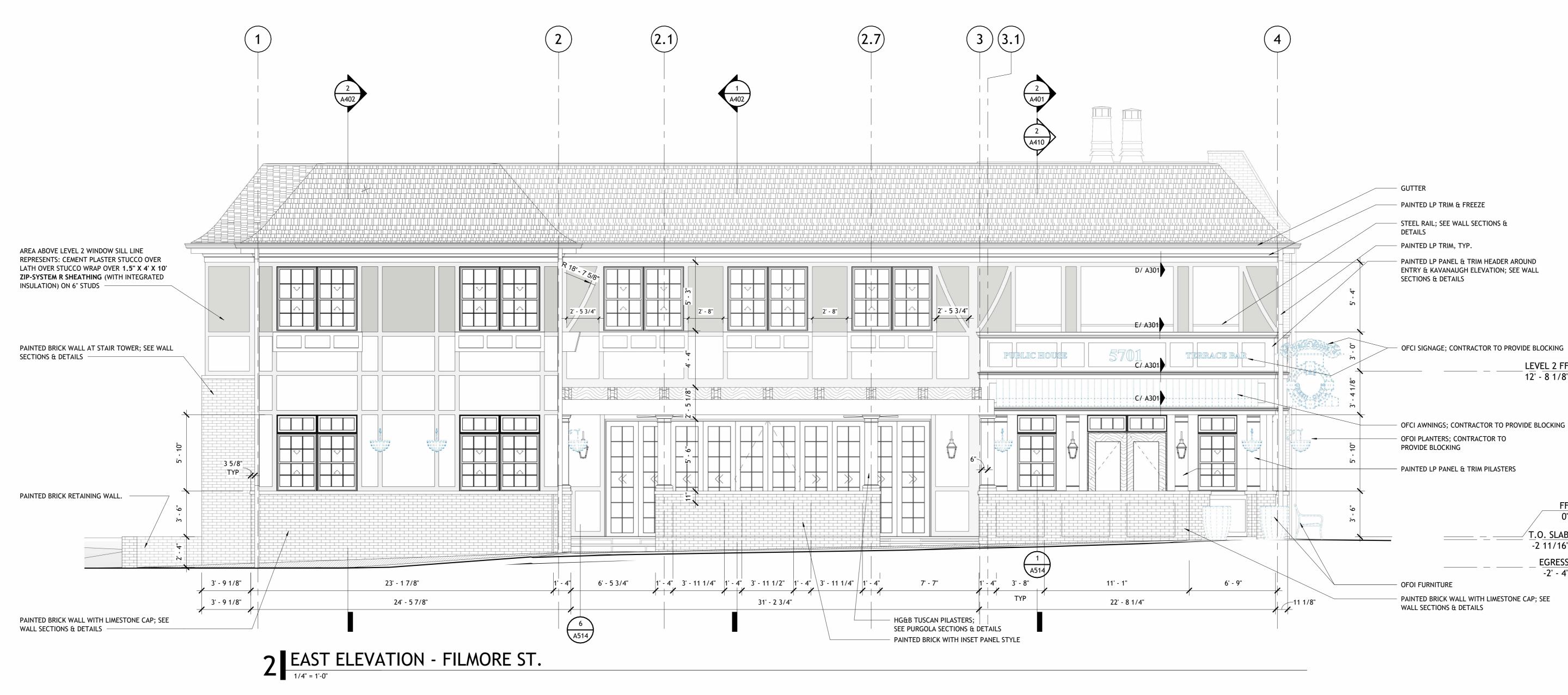


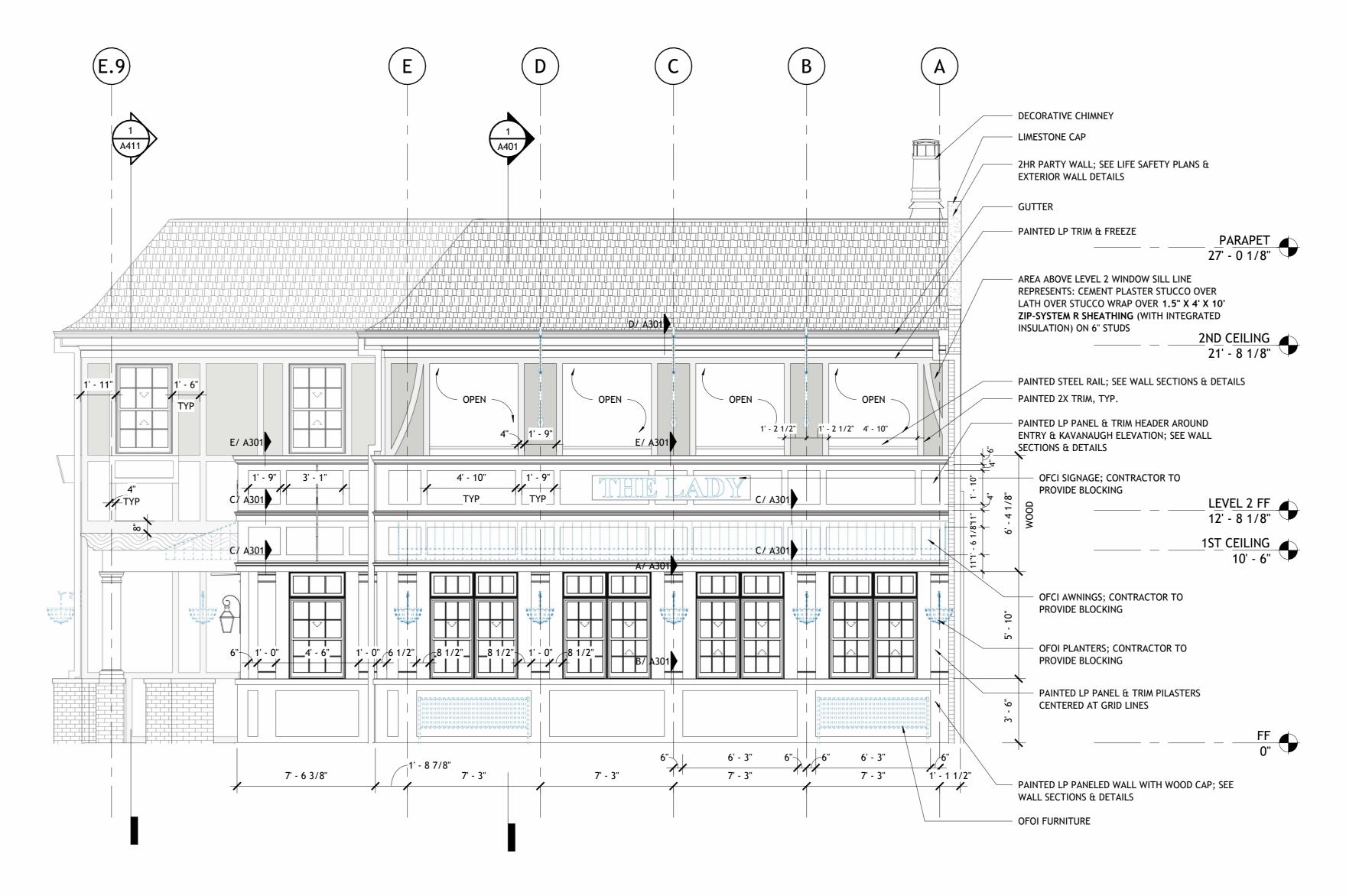












1 NORTH ELEVATION - KAVANAUGH





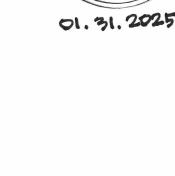
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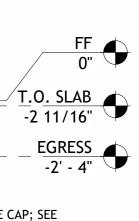
McClelland Consulting Engineers

Batson Inc

509 W. Spring St. | Suite 150 Fayetteville, AR 72701

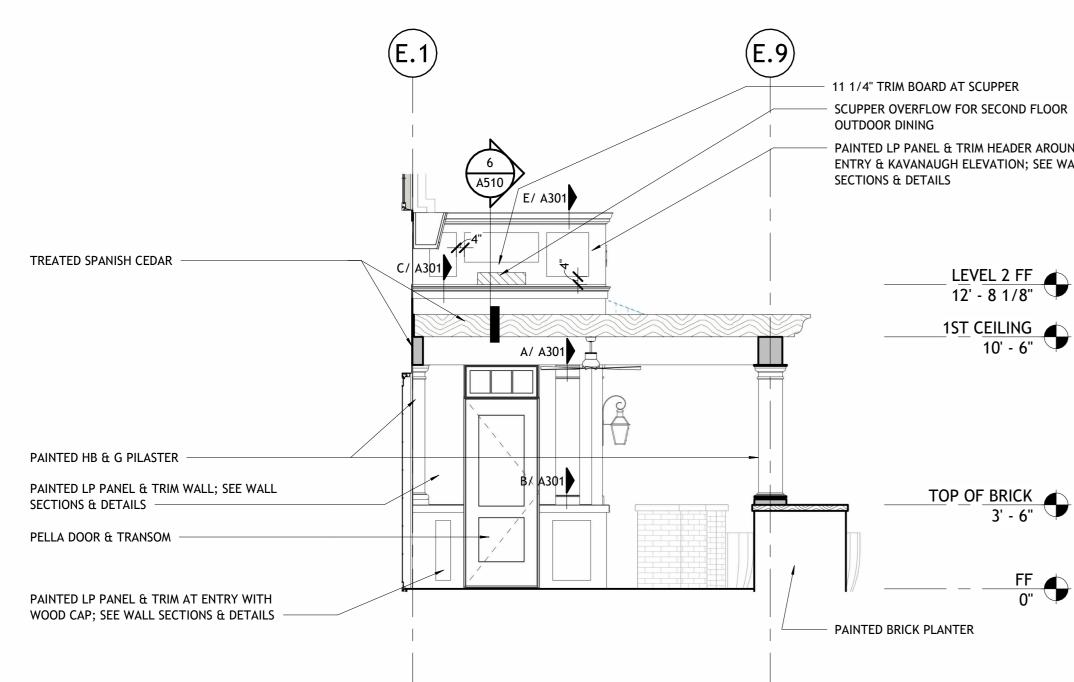
STANLEY

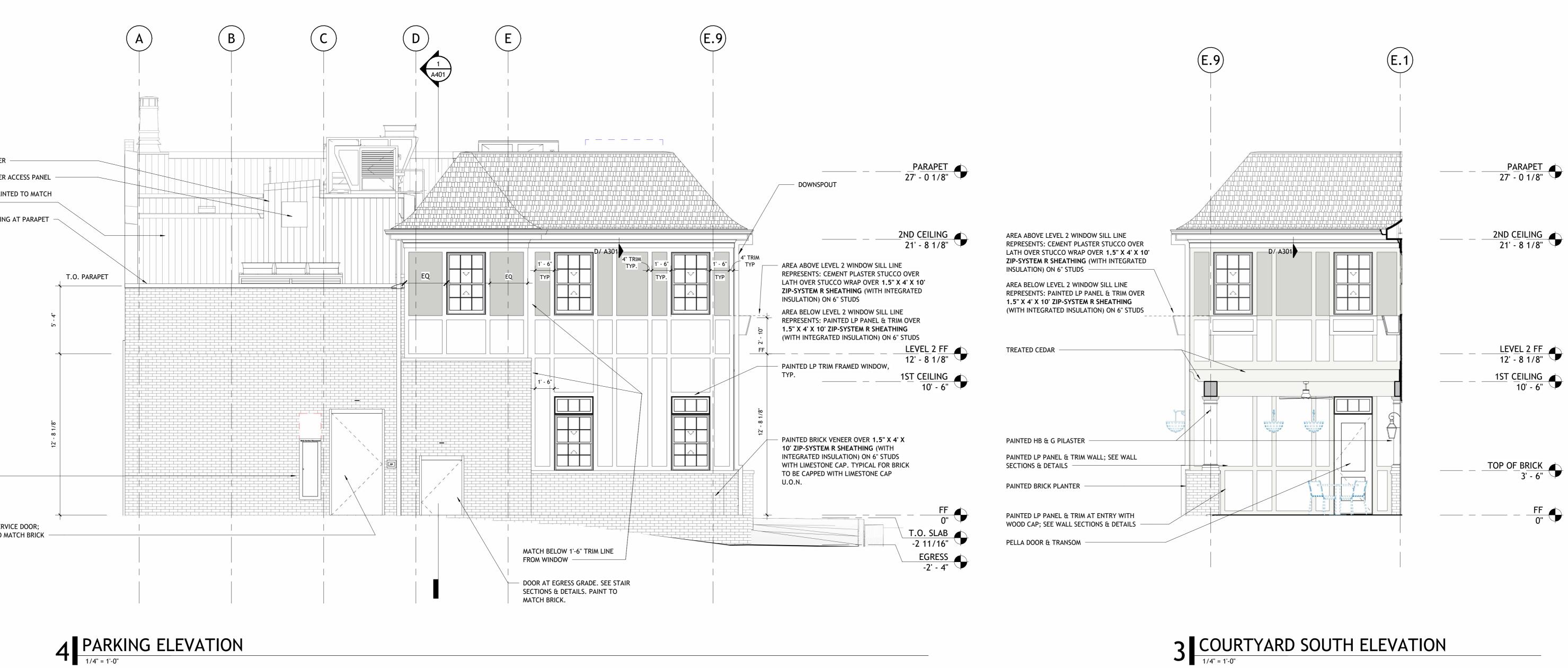
WILCOX

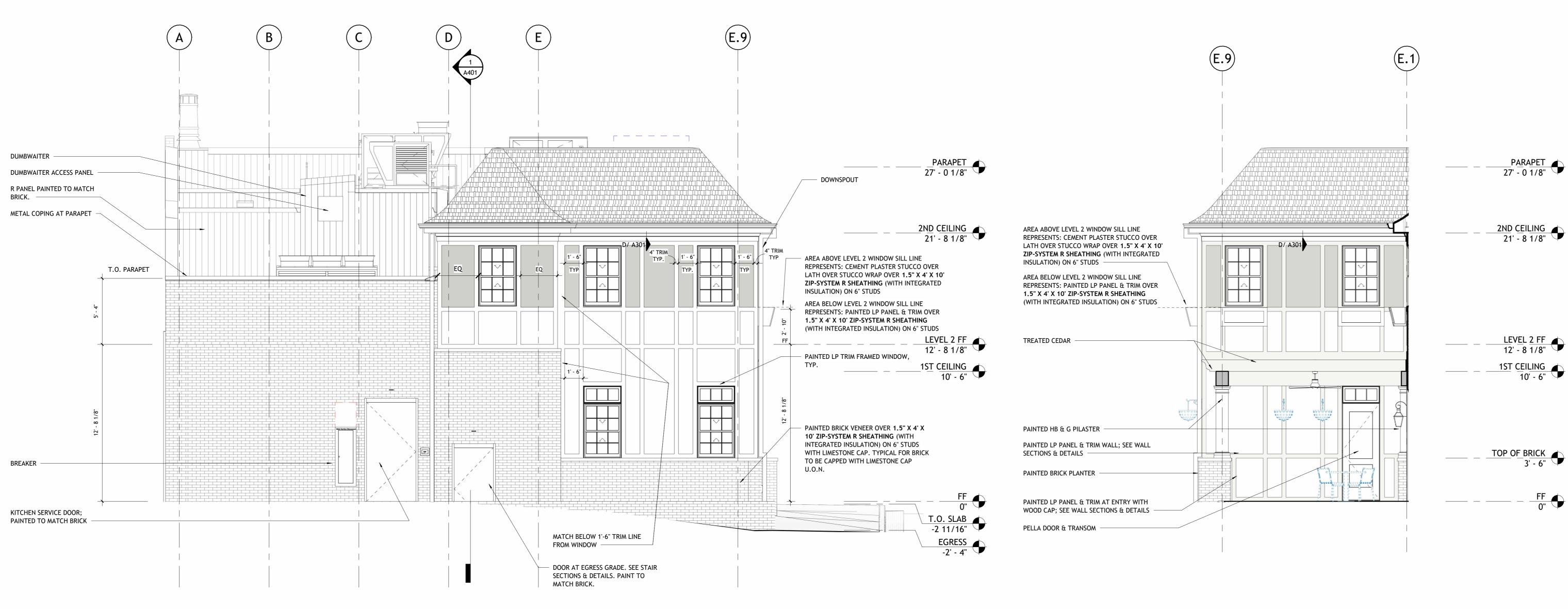


LEVEL 2 FF 12' - 8 1/8"

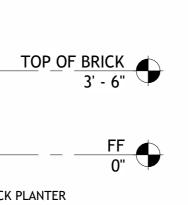






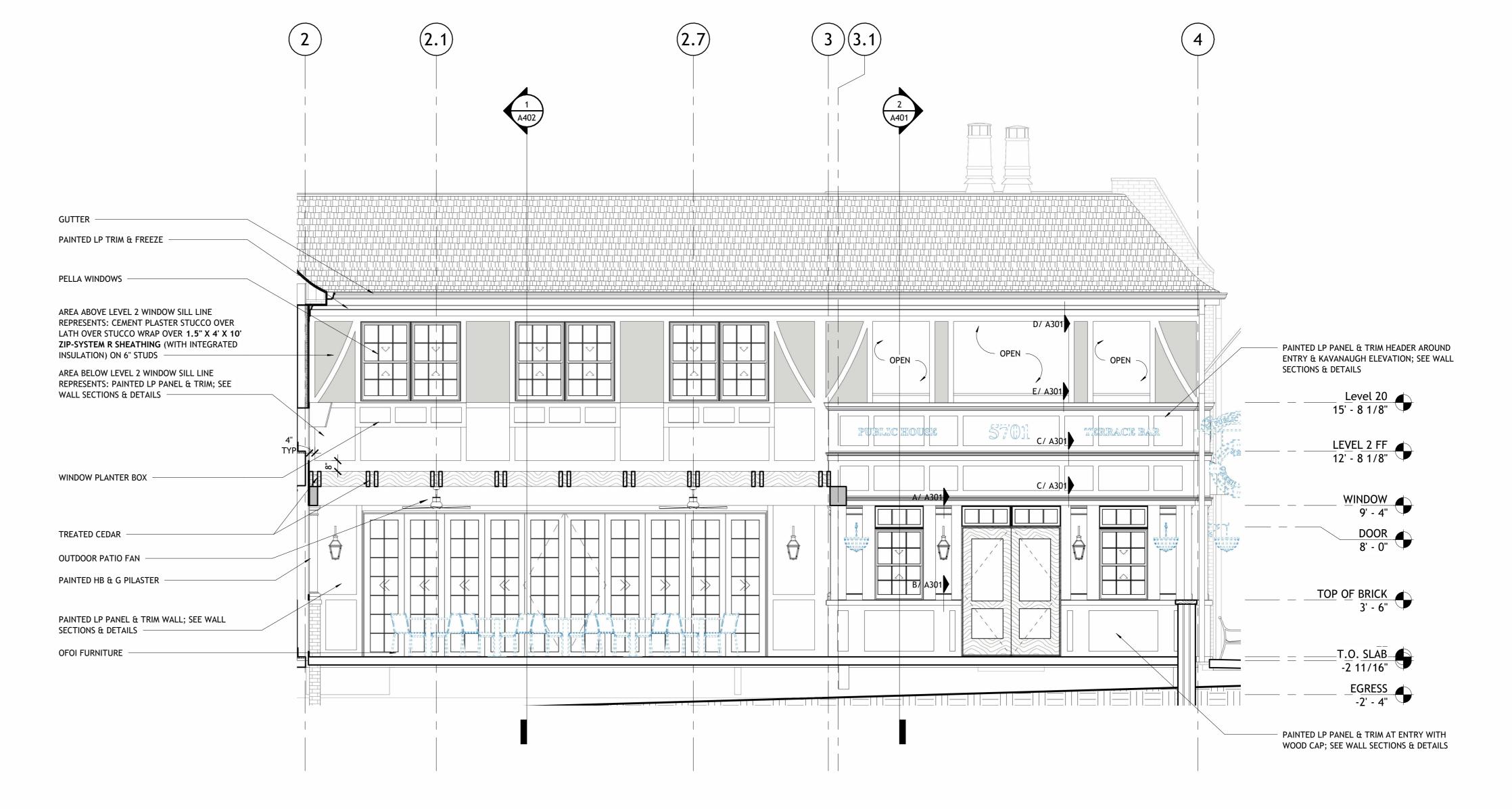


# 1 EAST ELEVATION - FILMORE ST.1

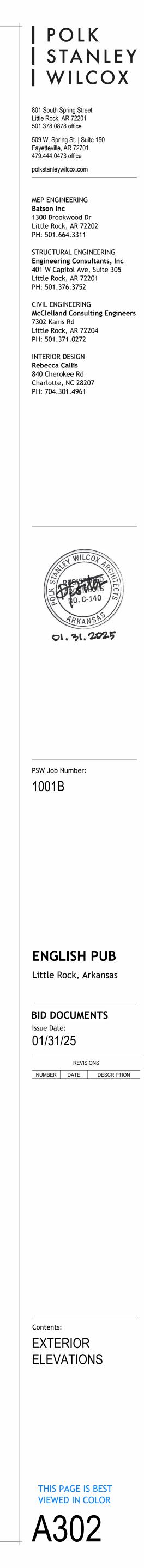


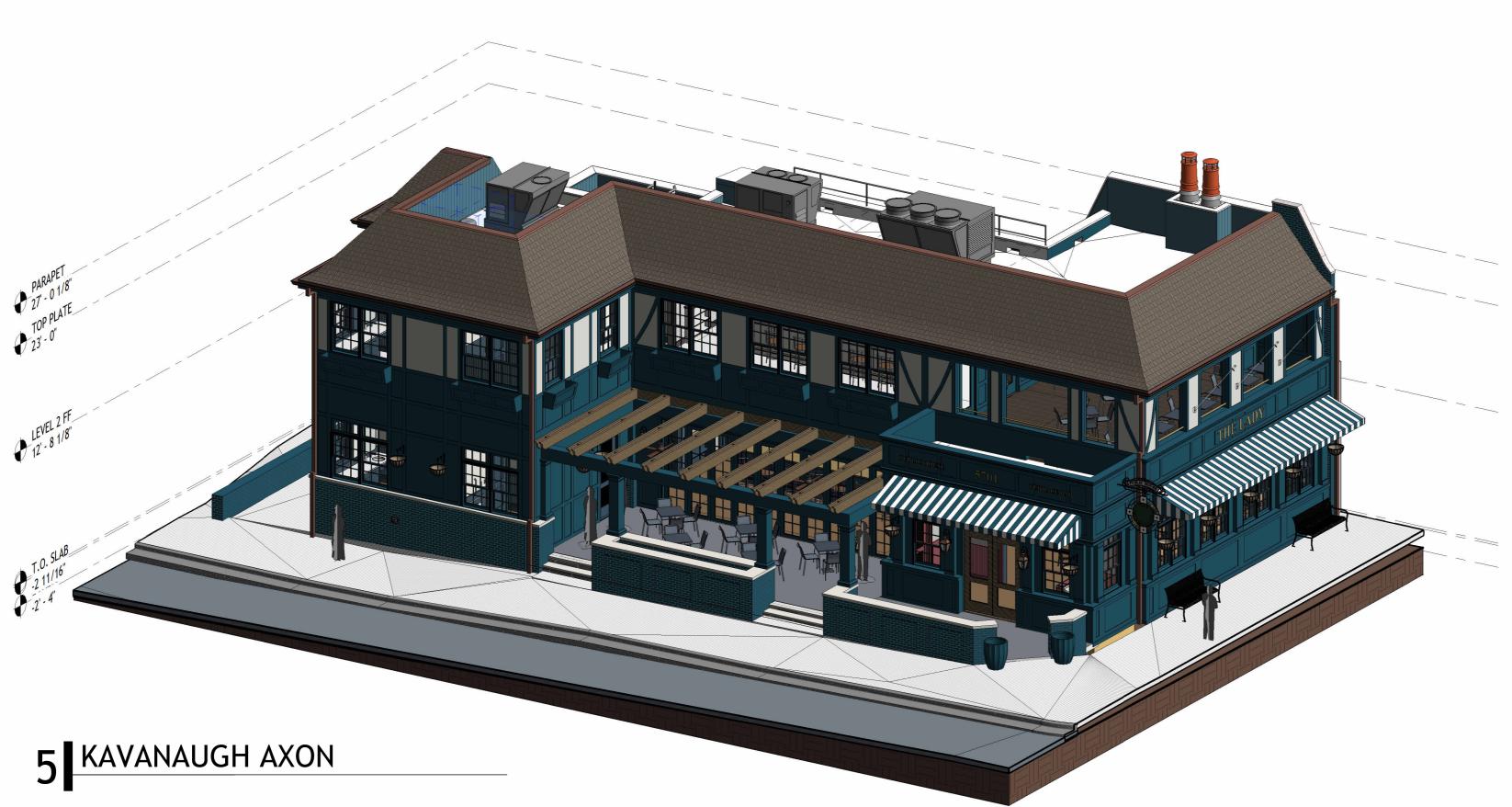


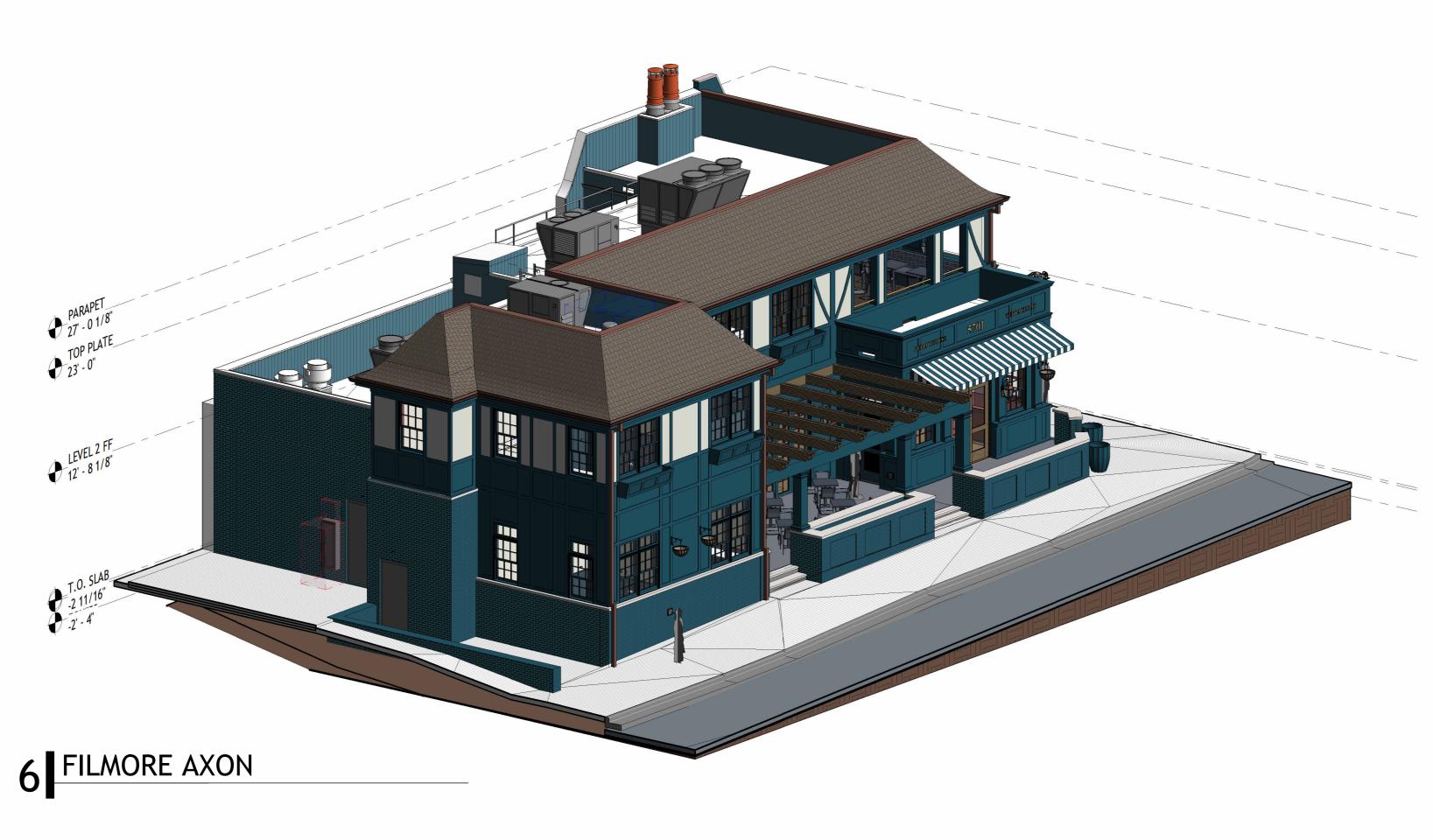
PAINTED LP PANEL & TRIM HEADER AROUND ENTRY & KAVANAUGH ELEVATION; SEE WALL



3 COURTYARD SOUTH ELEVATION











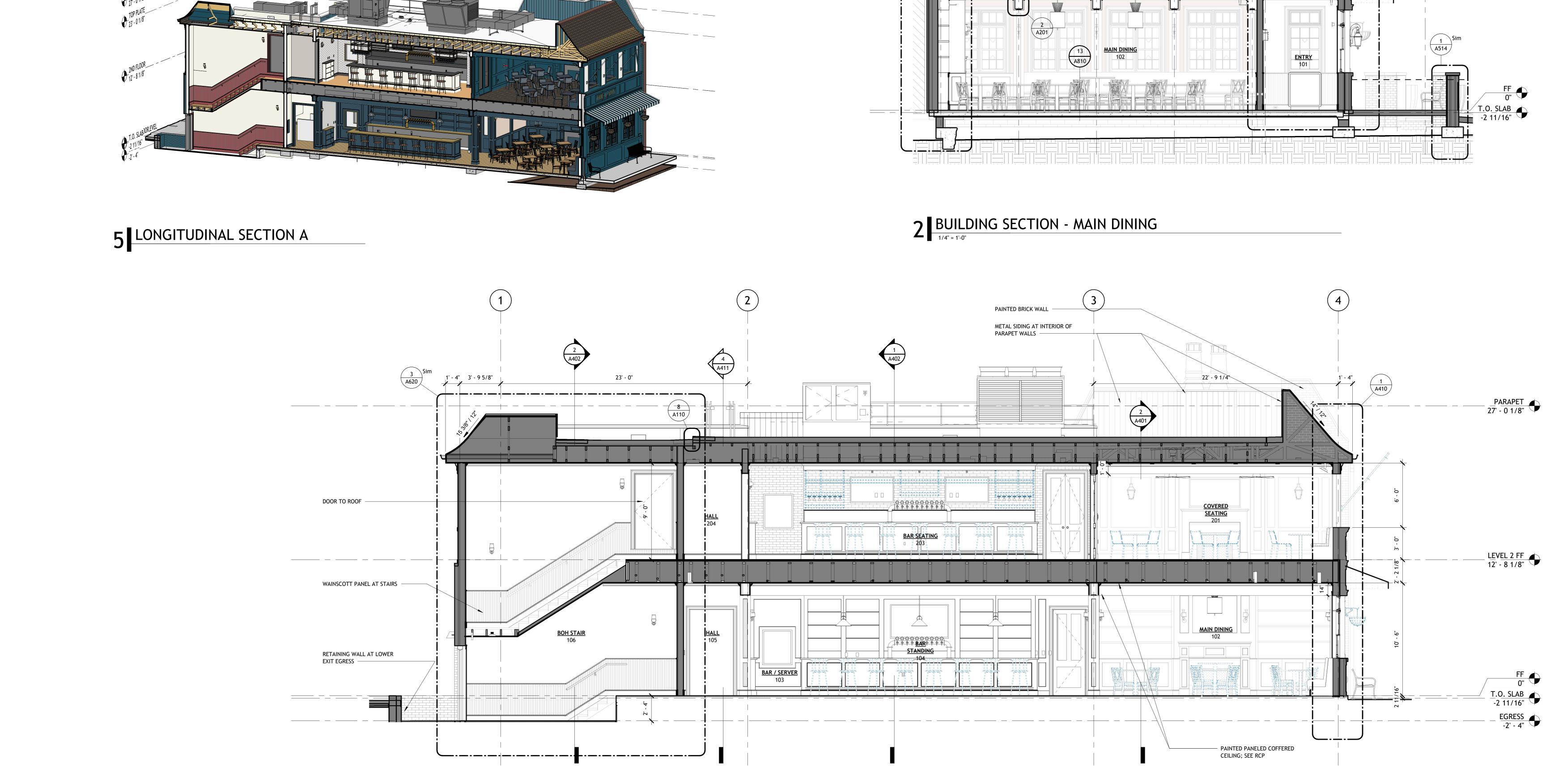


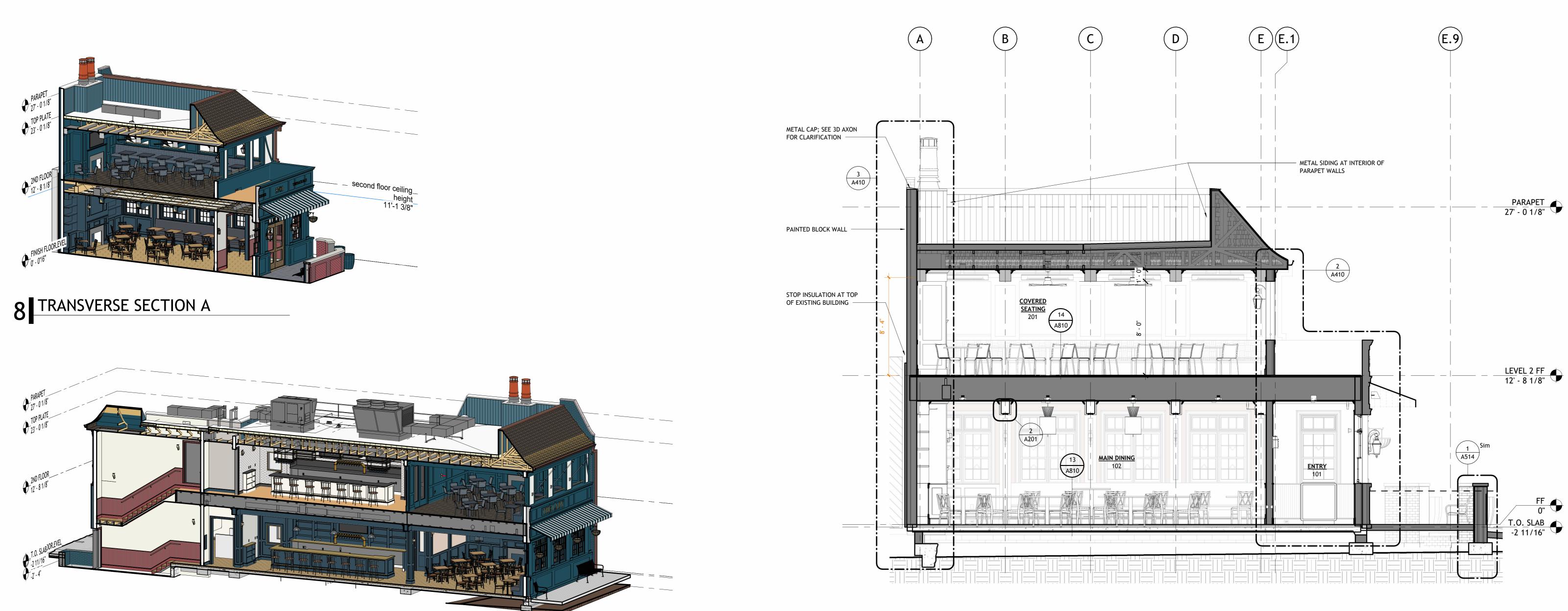
# **KAVANAUGH ELEVATION**



| POLK | STANLEY | WILCOX 801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com MEP ENGINEERING **Batson Inc** 1300 Brookwood Dr Little Rock, AR 72202 PH: 501.664.3311 STRUCTURAL ENGINEERING **Engineering Consultants, Inc** 401 W Capitol Ave, Suite 305 Little Rock, AR 72201 PH: 501.376.3752 CIVIL ENGINEERING **McClelland Consulting Engineers** 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272 INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961 01.31.2025 PSW Job Number: 1001B ENGLISH PUB Little Rock, Arkansas BID DOCUMENTS Issue Date: 01/31/25 REVISIONS NUMBER DATE DESCRIPTION Contents: 3D VIEWS







1 BUILDING SECTION - BAR, STAIR & DINING



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PSW Job Number:

1001B

ENGLISH PUB Little Rock, Arkansas

BID DOCUMENTS Issue Date:

01/31/25

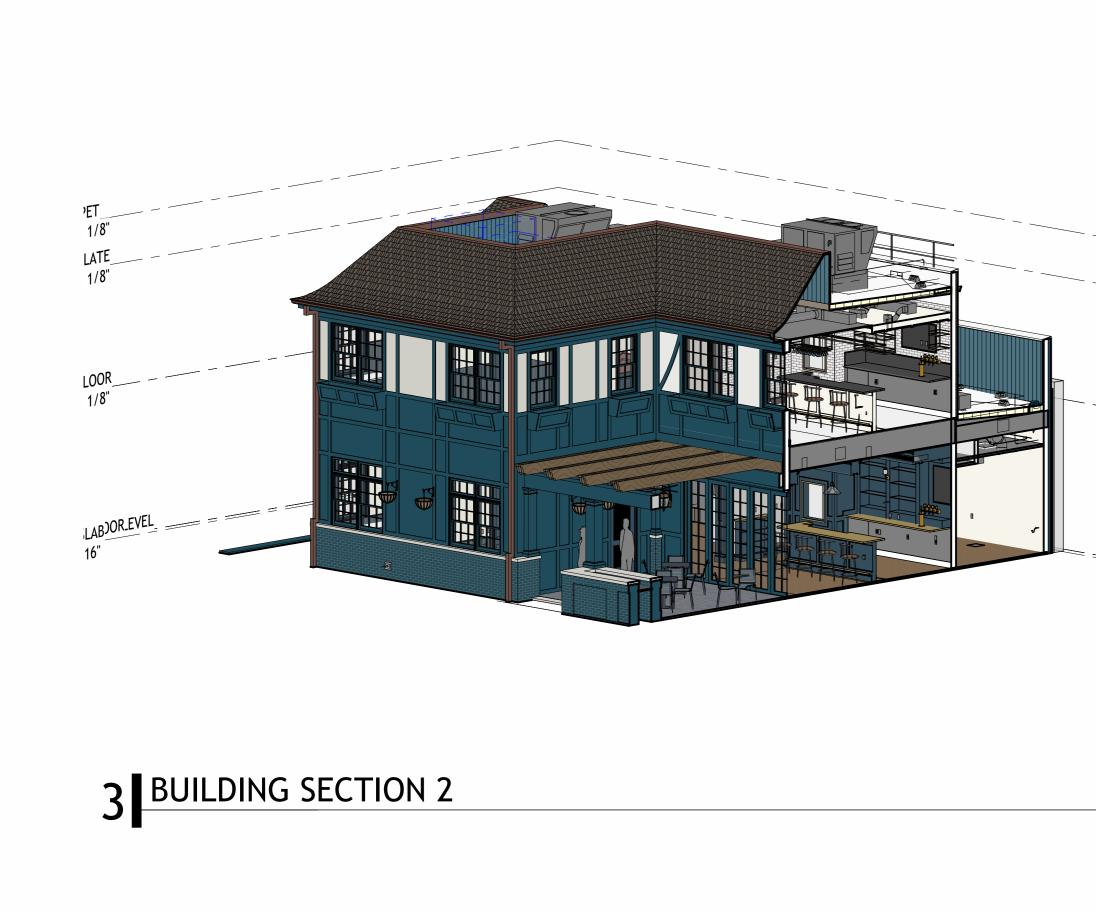
REVISIONS NUMBER DATE DESCRIPTION

FF 0" - <u>T.O. SLAB</u> -2 11/16"



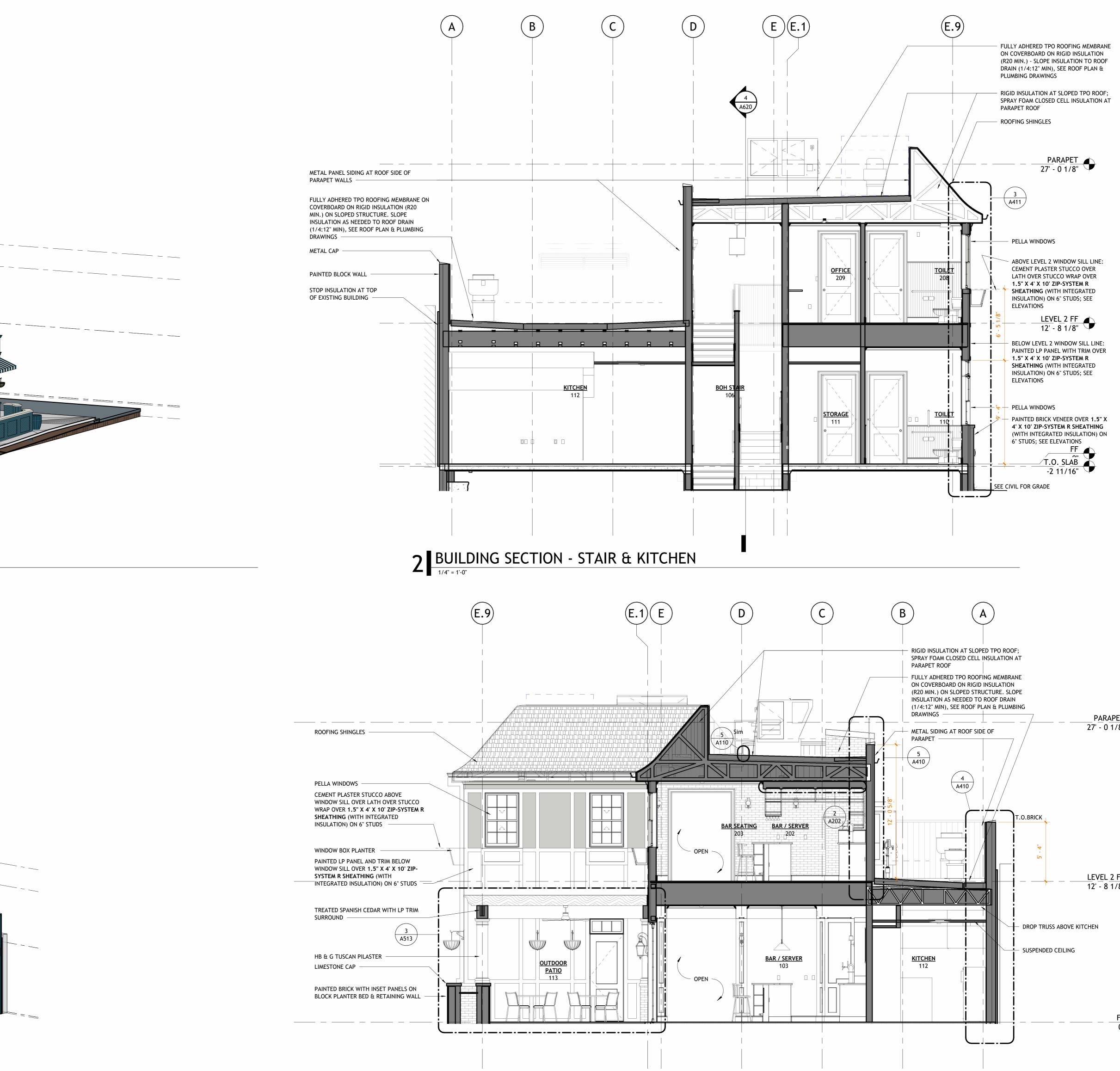
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# 4 BUILDING SECTION 3





1 BUILDING SECTION - PATIO

PARAPET 27' - 0 1/8"

LEVEL 2 FF 12' - 8 1/8"



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PSW Job Number: 1001B

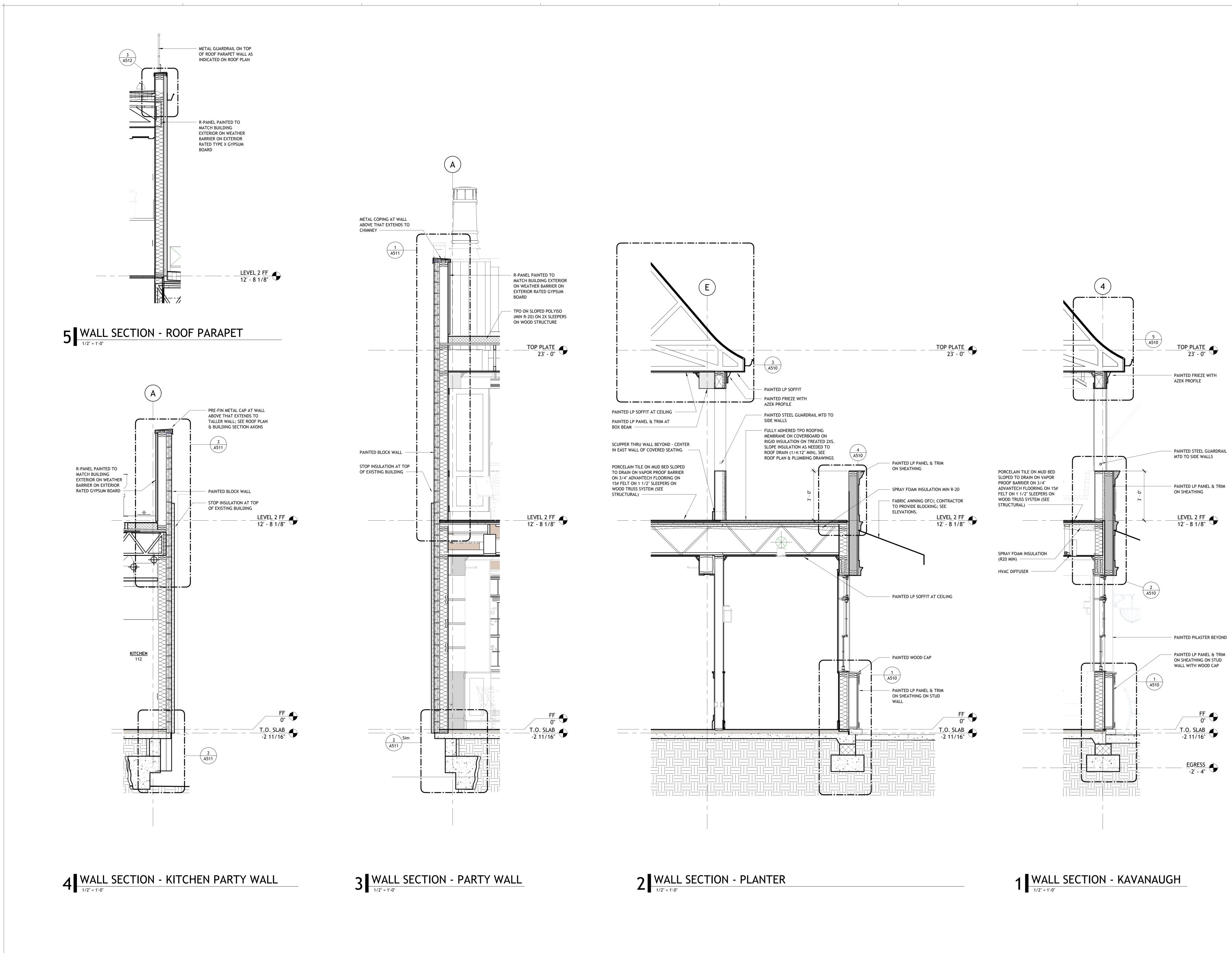
ENGLISH PUB Little Rock, Arkansas

BID DOCUMENTS Issue Date: 01/31/25

REVISIONS NUMBER DATE DESCRIPTION



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FF 0"



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ENGLISH PUB Little Rock, Arkansas

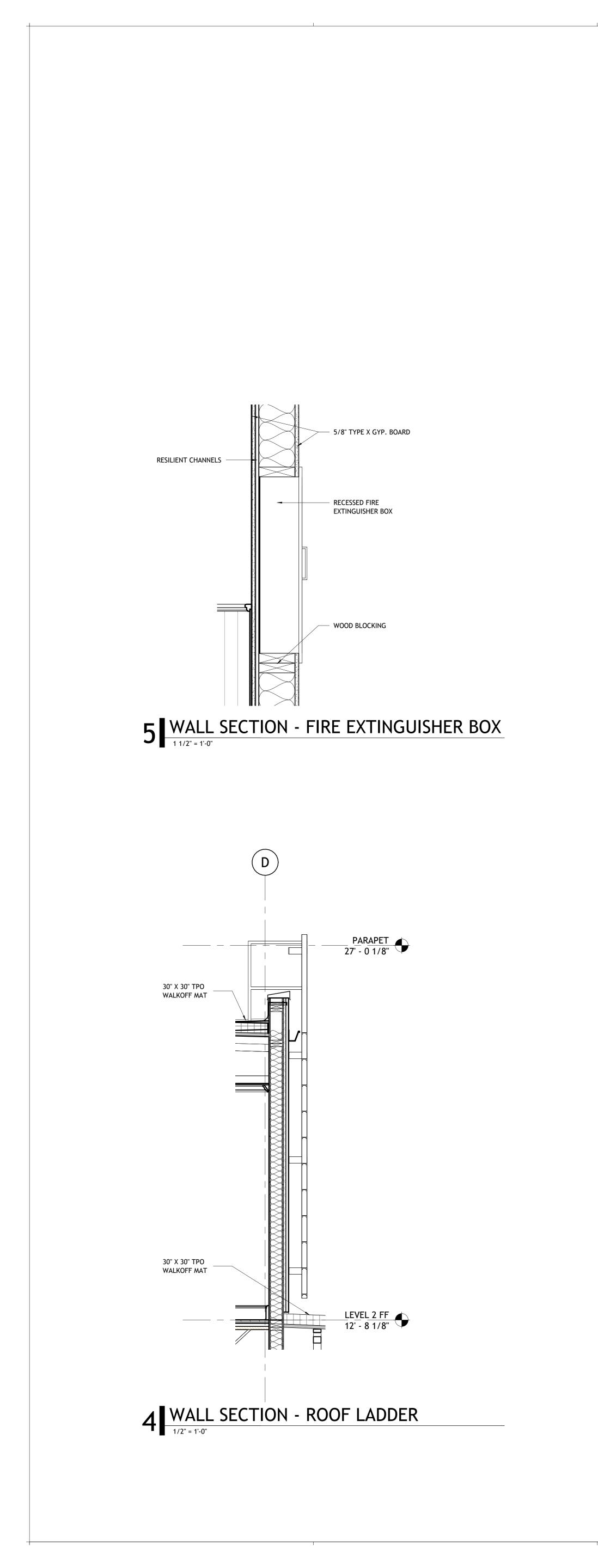
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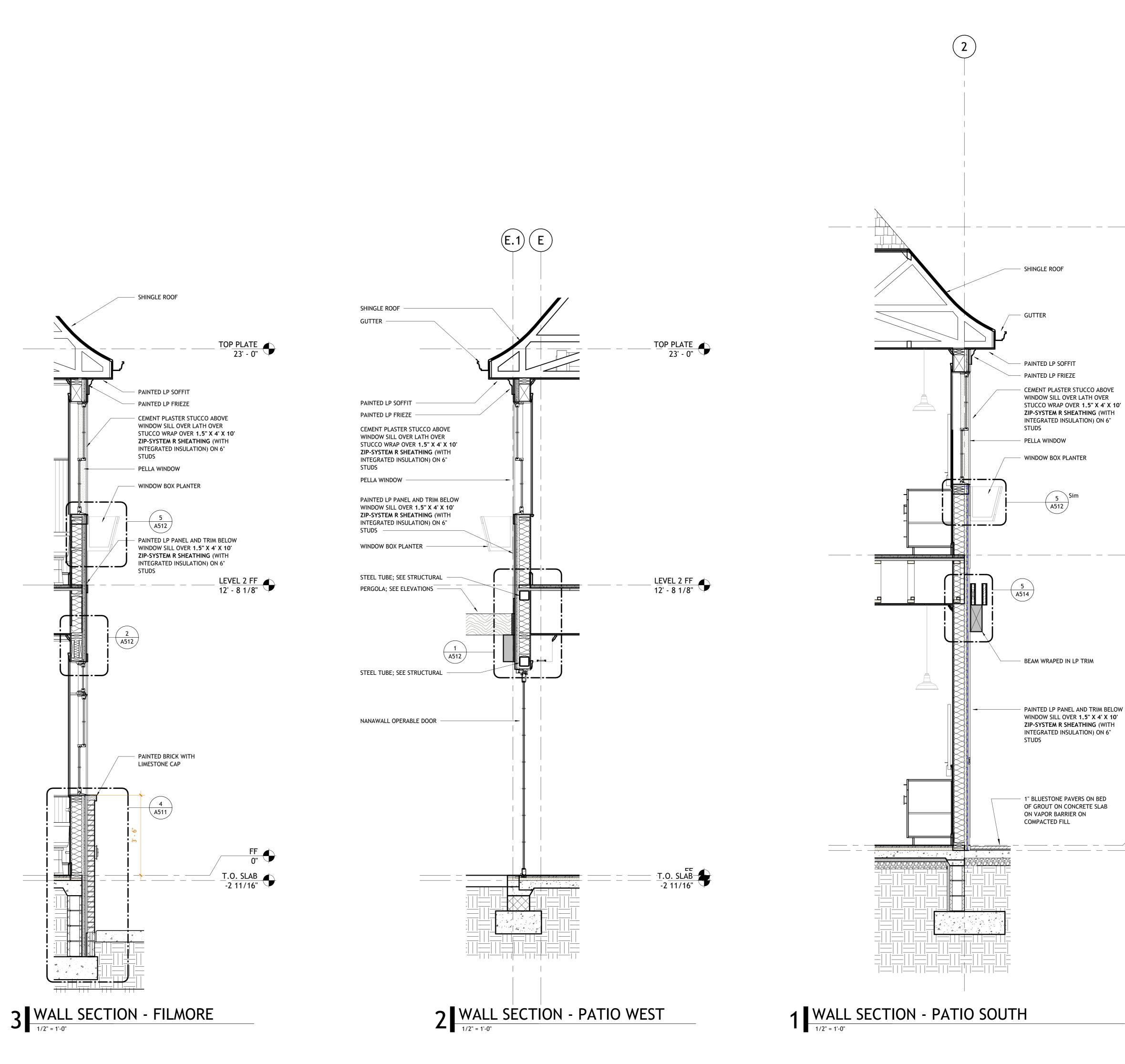
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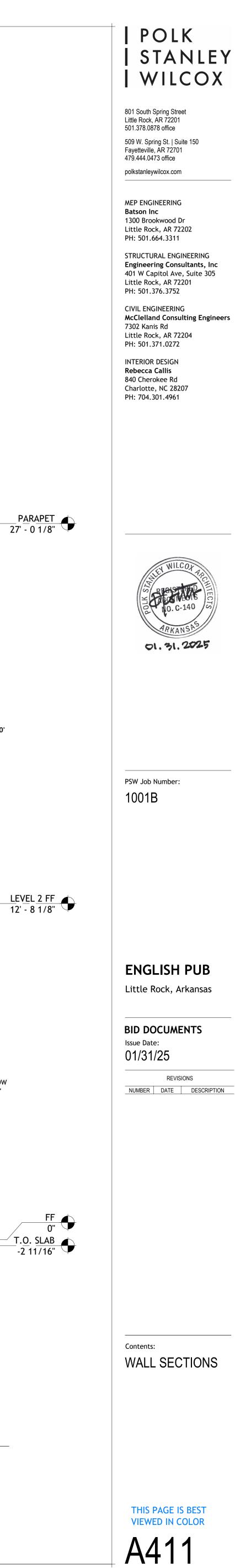
01/31/25

Contents: WALL SECTIONS

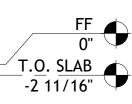






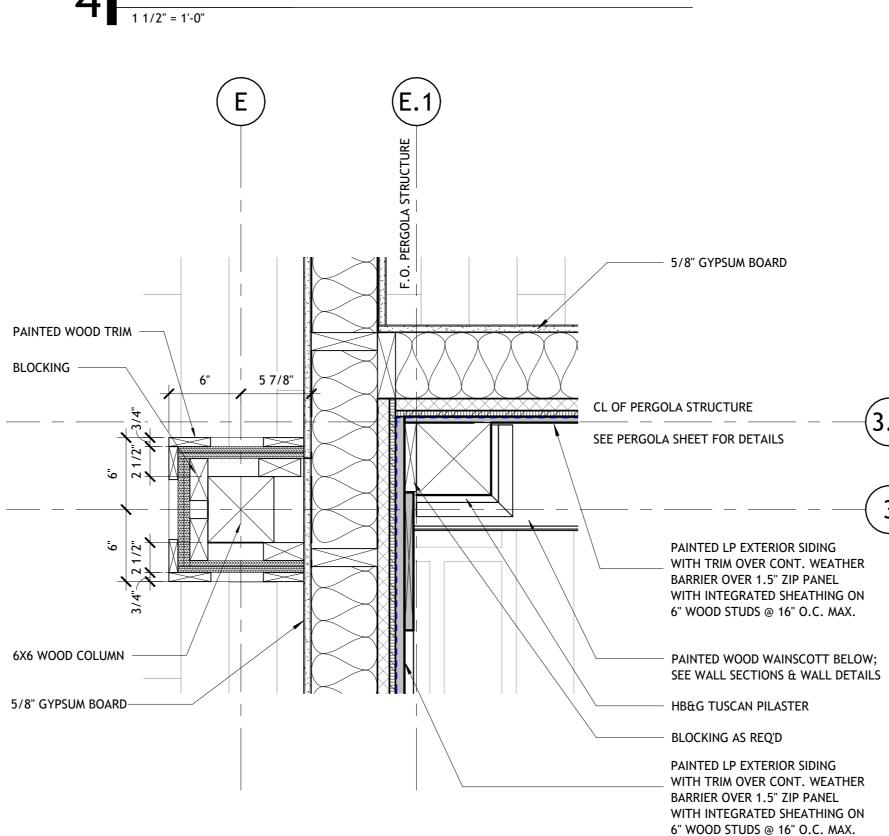


LEVEL 2 FF 12' - 8 1/8"









# 4 TYP. WINDOW JAMB AT STUCCO

(E.9)

-**∀**+

110

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PAINT WOOD TRIM PER

INTERIOR ELEVATIONS

PRE-MANUFACTURED WINDOW

+

F.O. STUD

F.O. STUD

10 13/16"

5 1/2"

O I

LL |

-

LL |

F.O. STUD

F.O. JAMB

<u>Е</u>.0.

FLASHING OVER WOOD BLOCKING, TYP.

DETAILS

PAINTED LP TRIM ON TREATED WOOD BLOCKING; SEE ELEVATIONS

STUCCO ON LATH OVER FLUID APPLIED WEATHER BARRIER OVER 1.5" ZIP PANEL WITH INTEGRATED SHEATHING ON 6" WOOD STUDS @

16" O.C. MAX. - FLASH OVER MANUFACTURER TRIM & JAMB EXTENSION

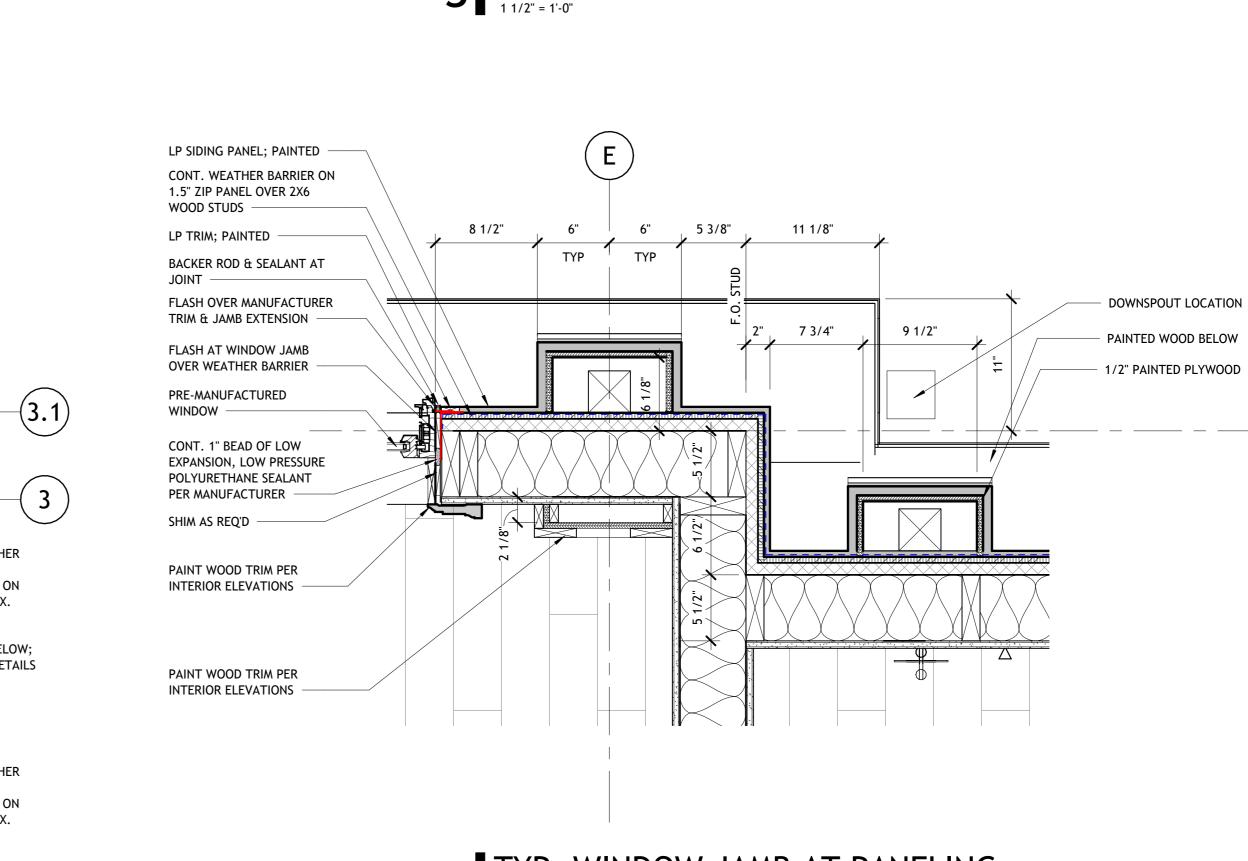
- BACKER ROD & SEALANT AT JOINT

FLASH AT WINDOW JAMB OVER WEATHER BARRIER - CONT. 1" BEAD OF LOW EXPANSION, LOW PRESSURE POLYURETHANE SEALANT PER

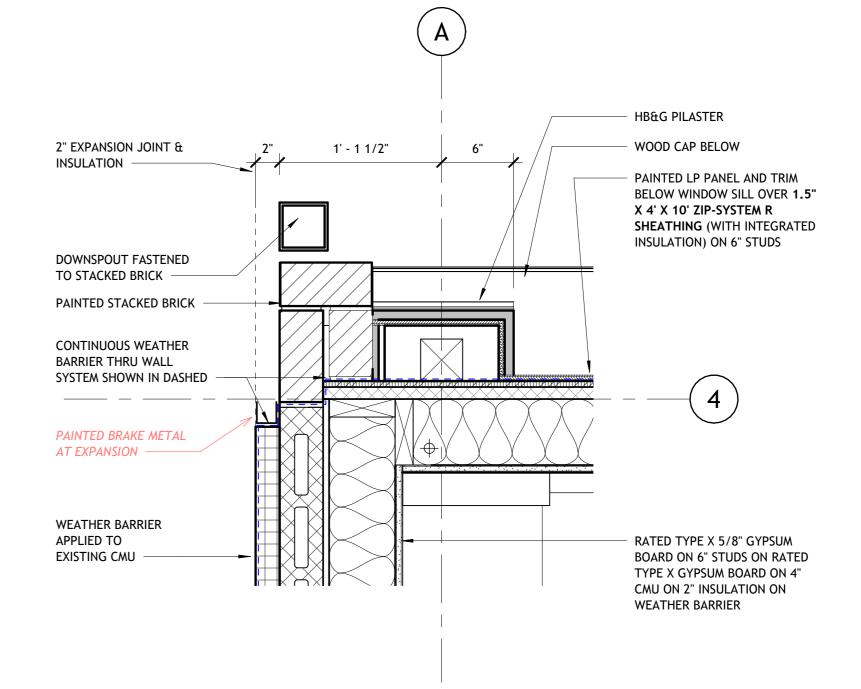
MANUFACTURER

SHIM AS REQ'D

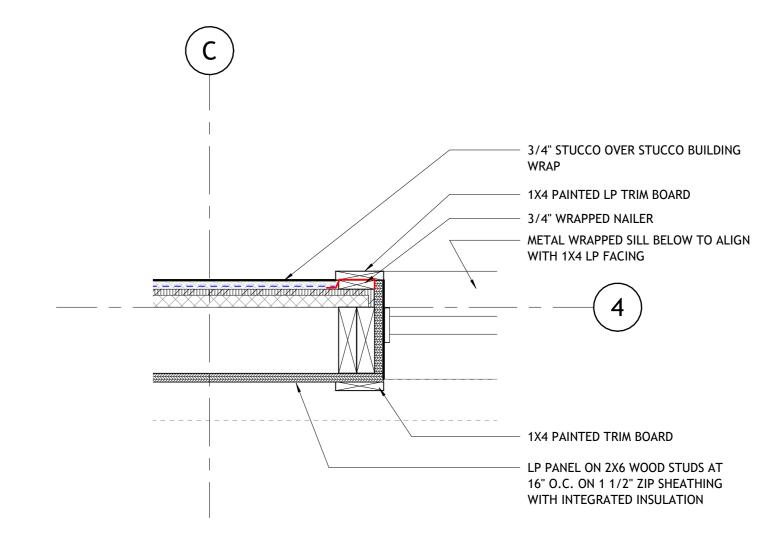








5 TYP. PUNCHED WINDOW AT STUCCO



PERGOLA; SEE PERGOLA SHEET FOR



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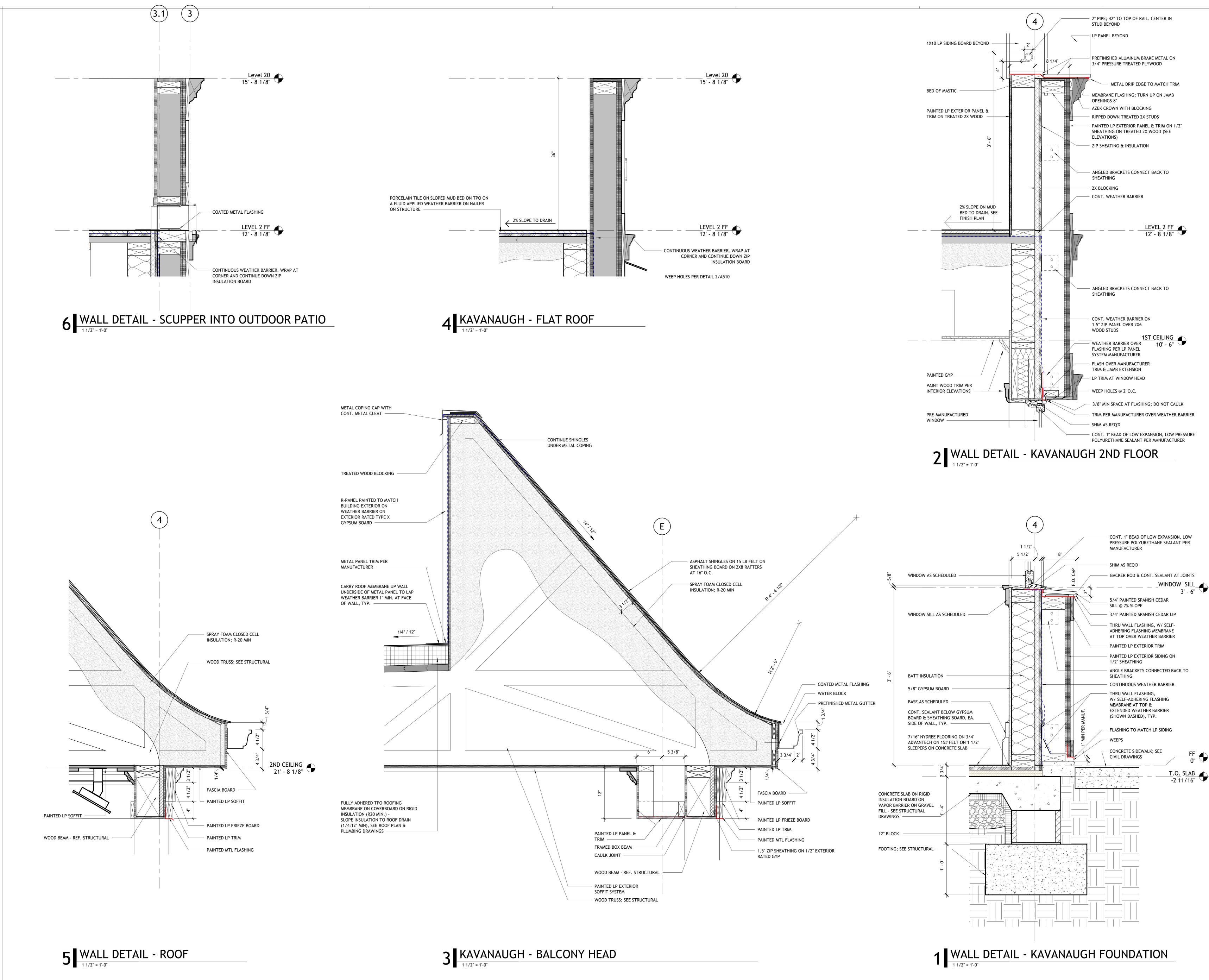
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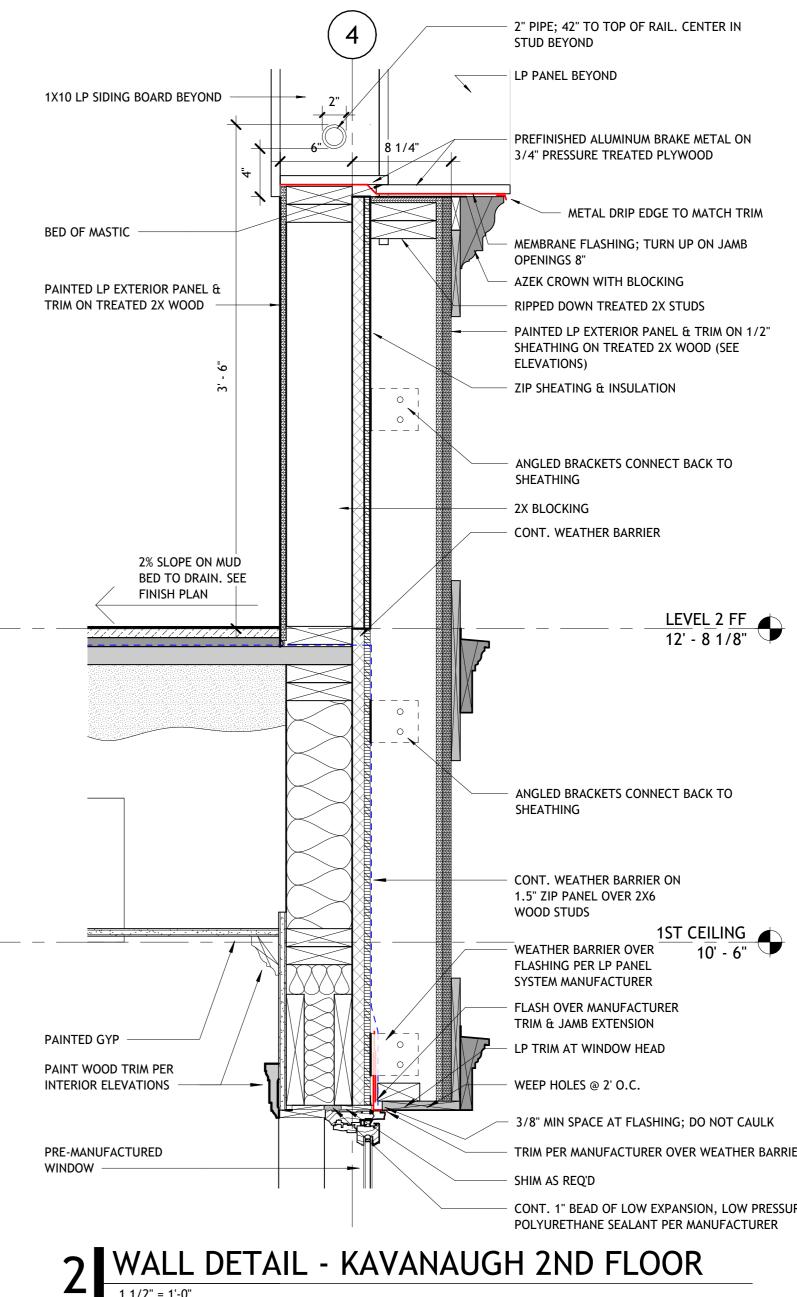
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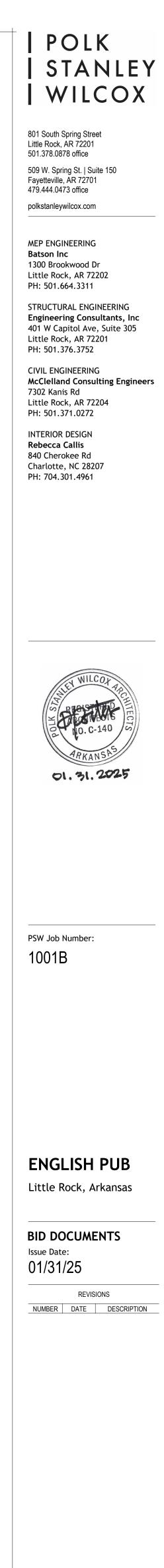


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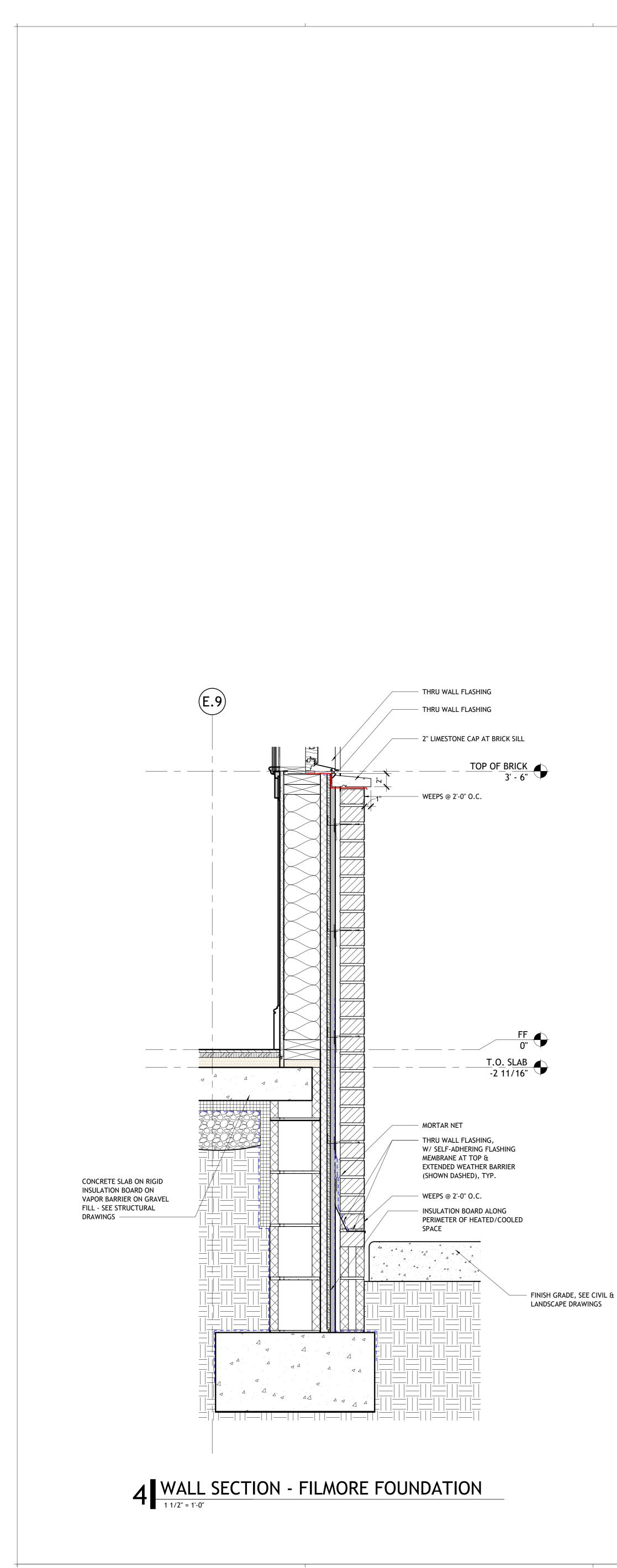
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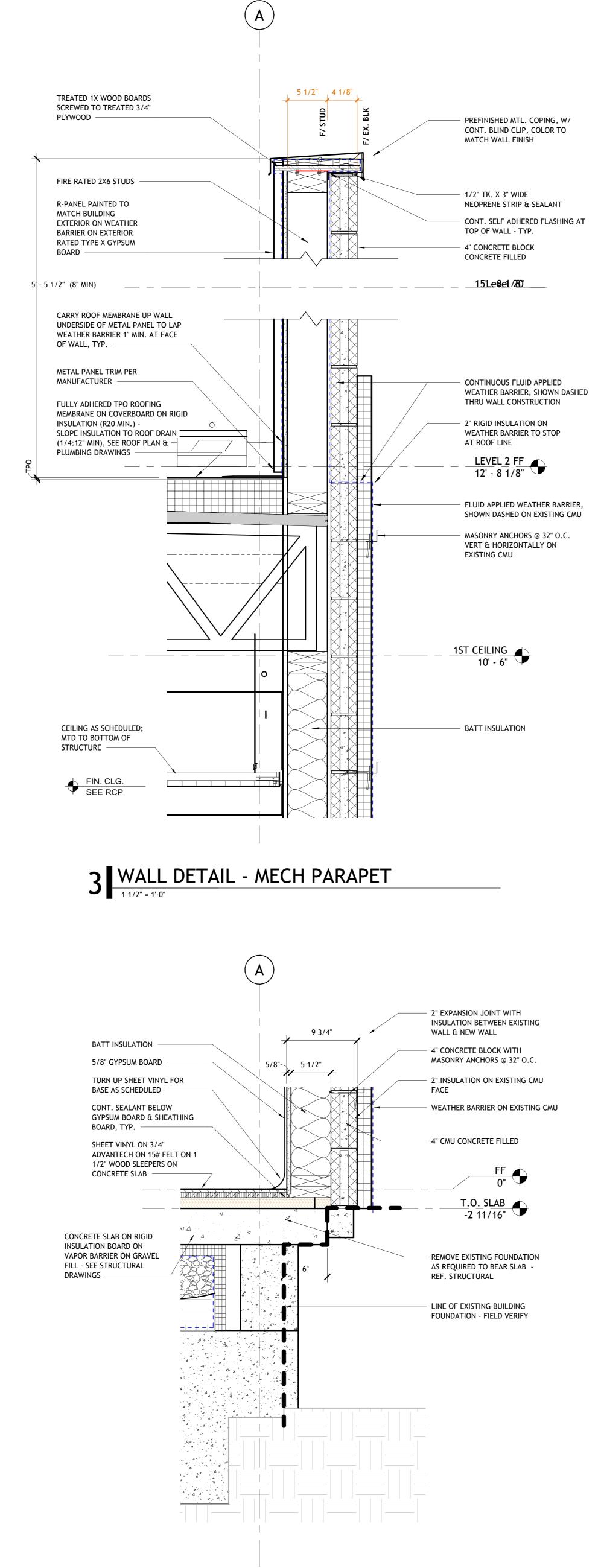
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WALL DETAILS -

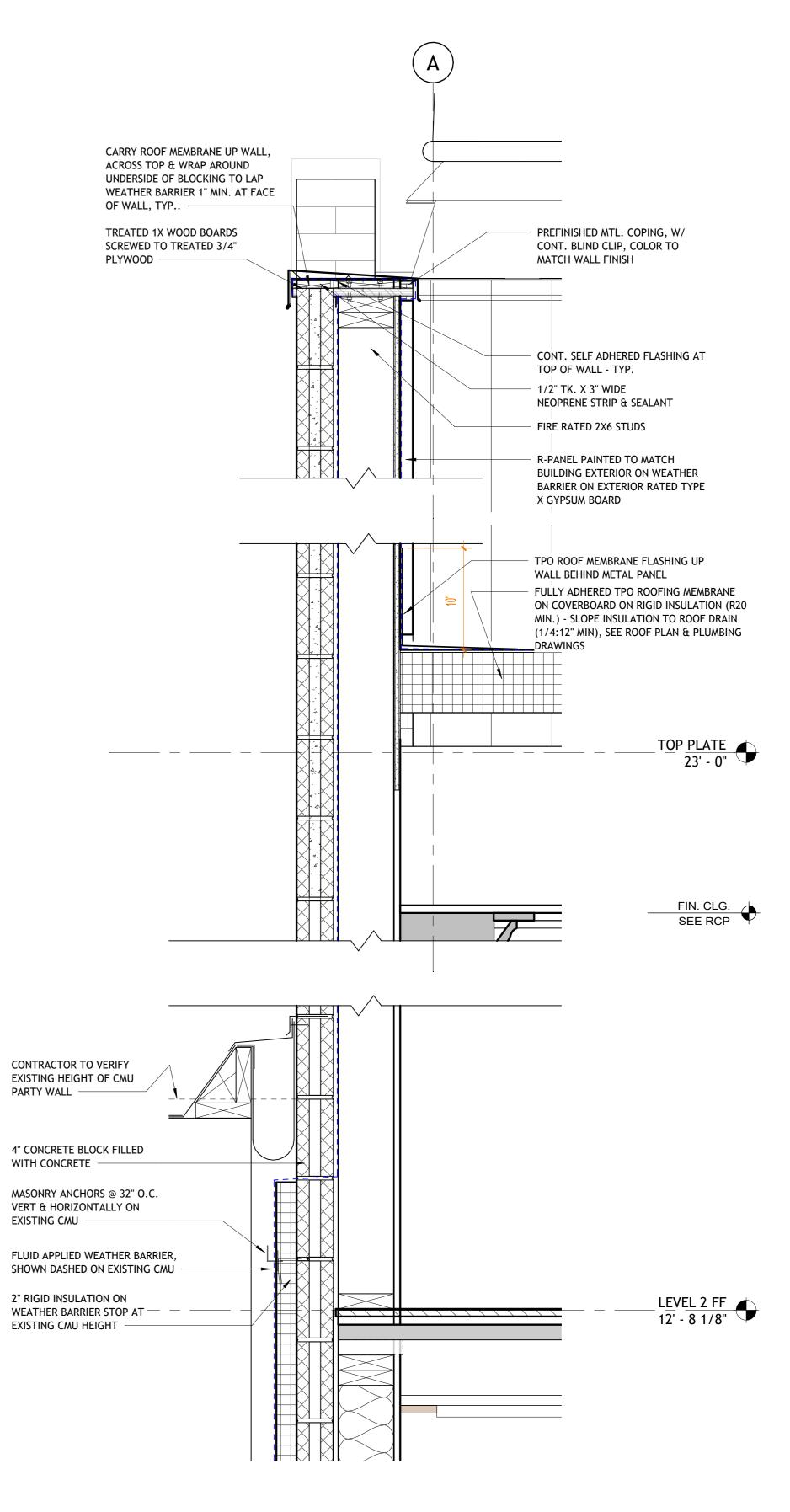
EXTERIOR WOOD

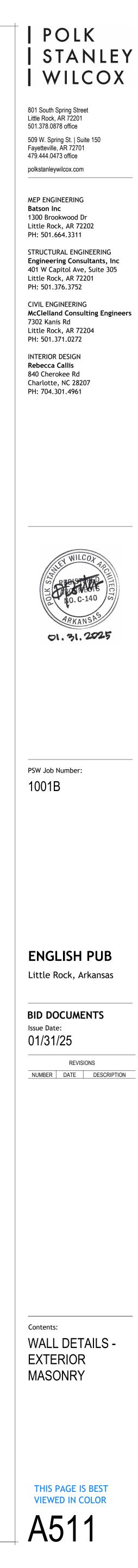


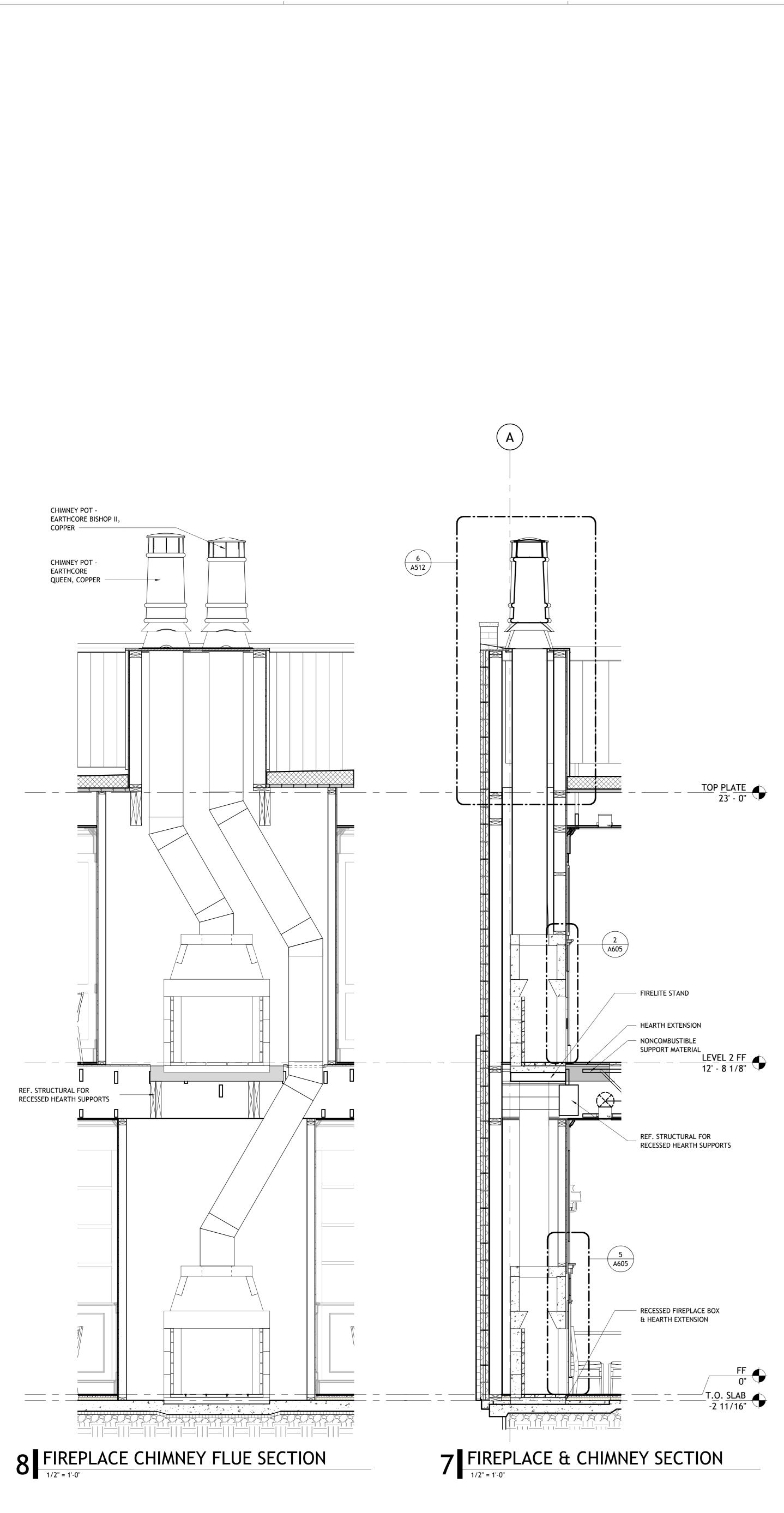




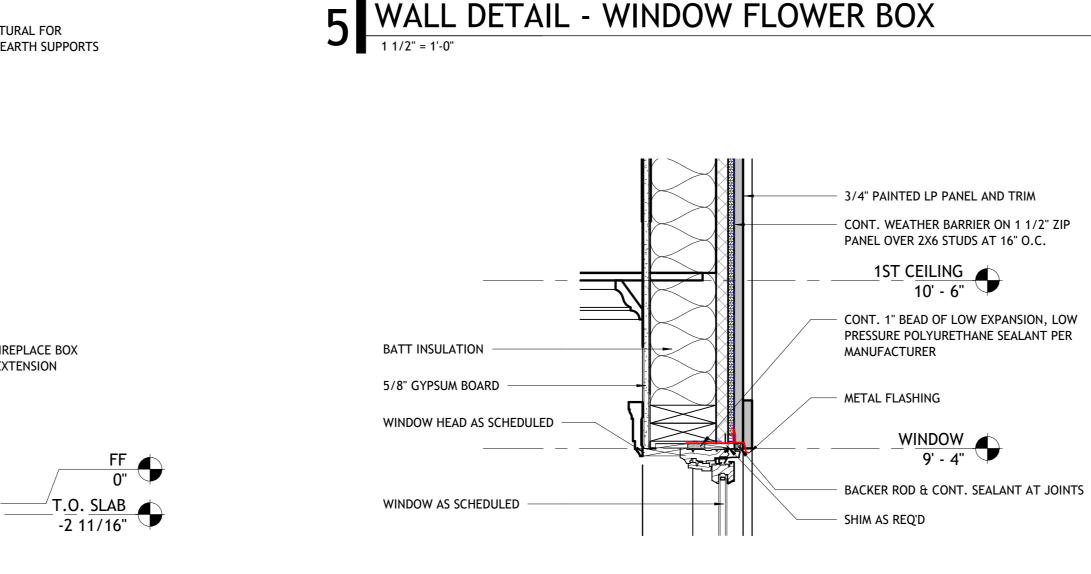
1 WALL DETAIL - PARTY WALL PARAPET



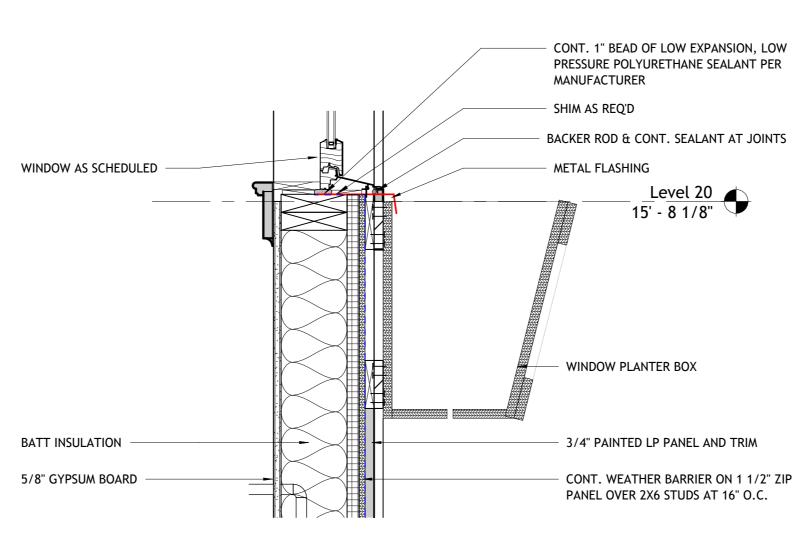


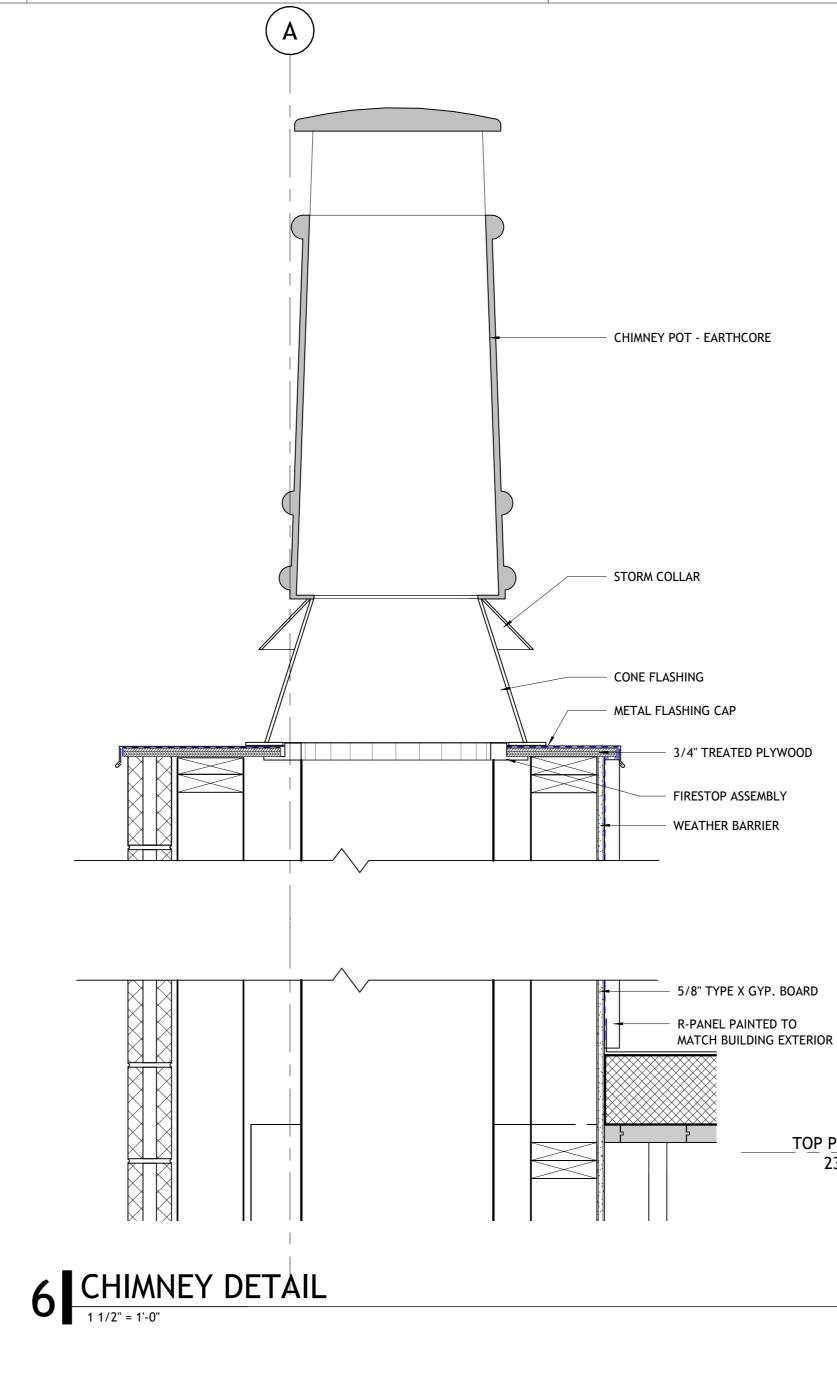


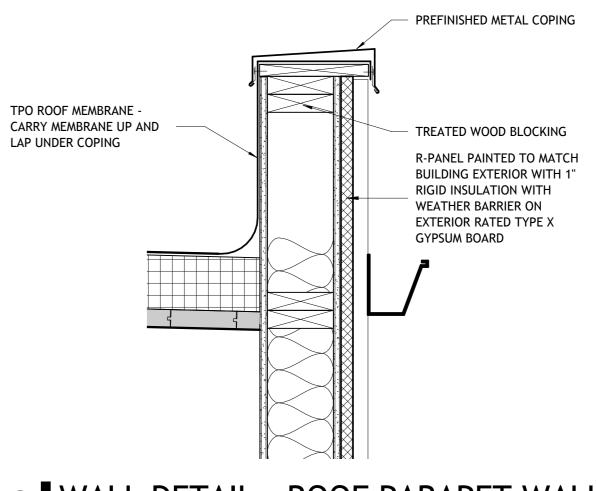
# 2 SECTION DETAIL - WINDOW HEAD TYP.



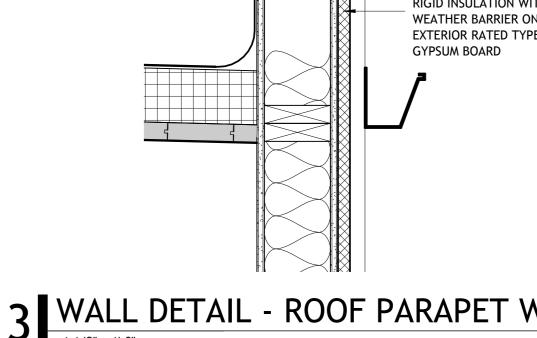








3 WALL DETAIL - ROOF PARAPET WALL



AREA ABOVE LEVEL 2 WINDOW SILL LINE REPRESENTS: CEMENT PLASTER STUCCO OVER LATH OVER STUCCO WRAP OVER 1.5" X 4' X 10' ZIP-SYSTEM R SHEATHING (WITH INTEGRATED INSULATION) ON 6" STUDS

\_\_\_\_

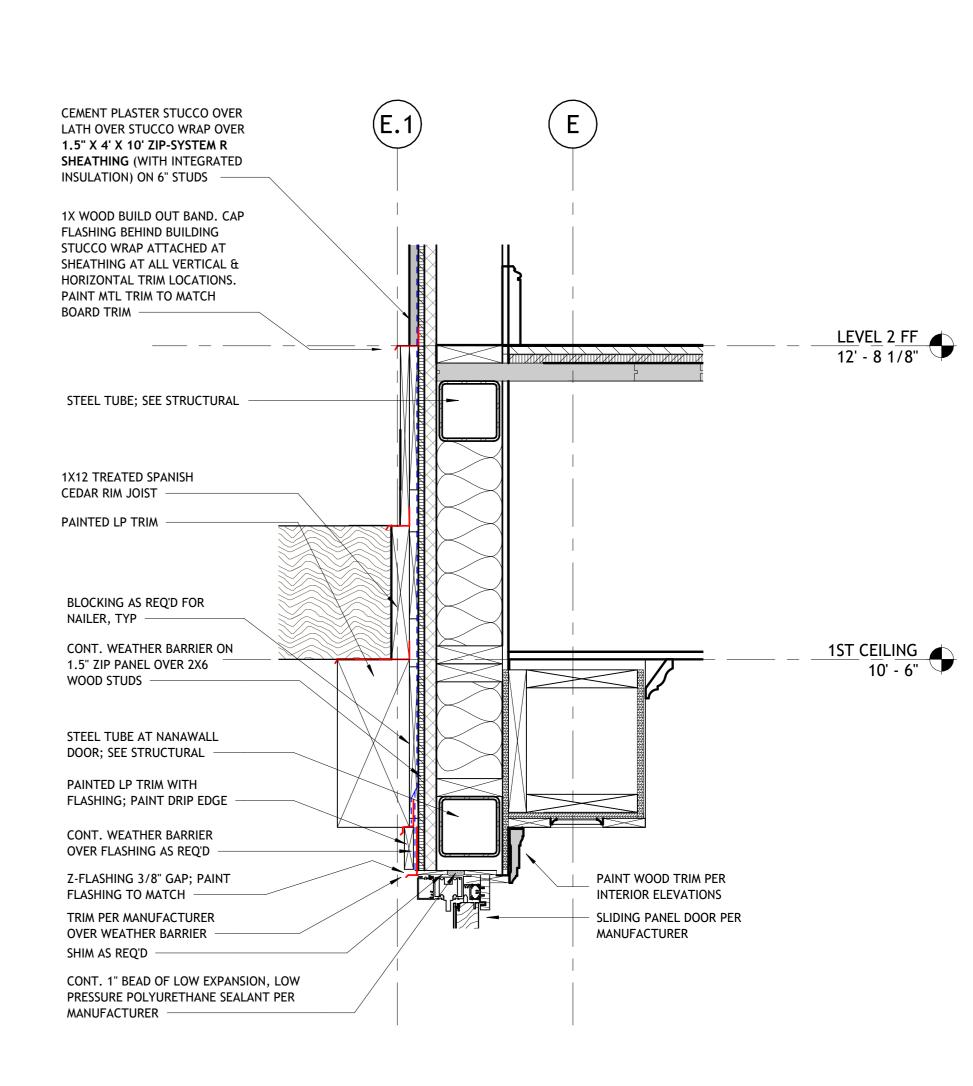
1X WOOD BUILD OUT BAND. CAP FLASHING BEHIND BUILDING STUCCO WRAP ATTACHED AT SHEATHING AT ALL VERTICAL & HORIZONTAL TRIM LOCATIONS. PAINT MTL TRIM TO MATCH BOARD TRIM

WINDOW SILL BEYOND AREA BELOW LEVEL 2 WINDOW SILL LINE REPRESENTS: PAINTED LP PANEL & TRIM; SEE WALL SECTIONS & DETAILS

LEVEL 2 FF 12' - 8 1/8" 🔍 - FLASHING PER MANUFACTURER STANDARD AT TRIM BOARD

4 WALL DETAIL - LP TO STUCCO, TYP.

\_\_\_\_\_/



1 WALL SECTION - PATIO NANAWALL DOOR

CONT. 1" BEAD OF LOW EXPANSION, LOW PRESSURE POLYURETHANE SEALANT PER

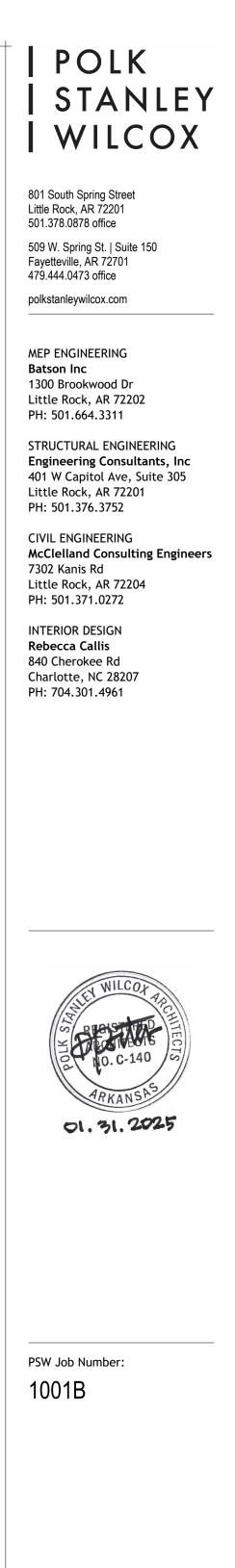
TOP PLATE

23' - 0"

BACKER ROD & CONT. SEALANT AT JOINTS

\_\_\_\_Level 20 15' - 8 1/8"

- 3/4" PAINTED LP PANEL AND TRIM



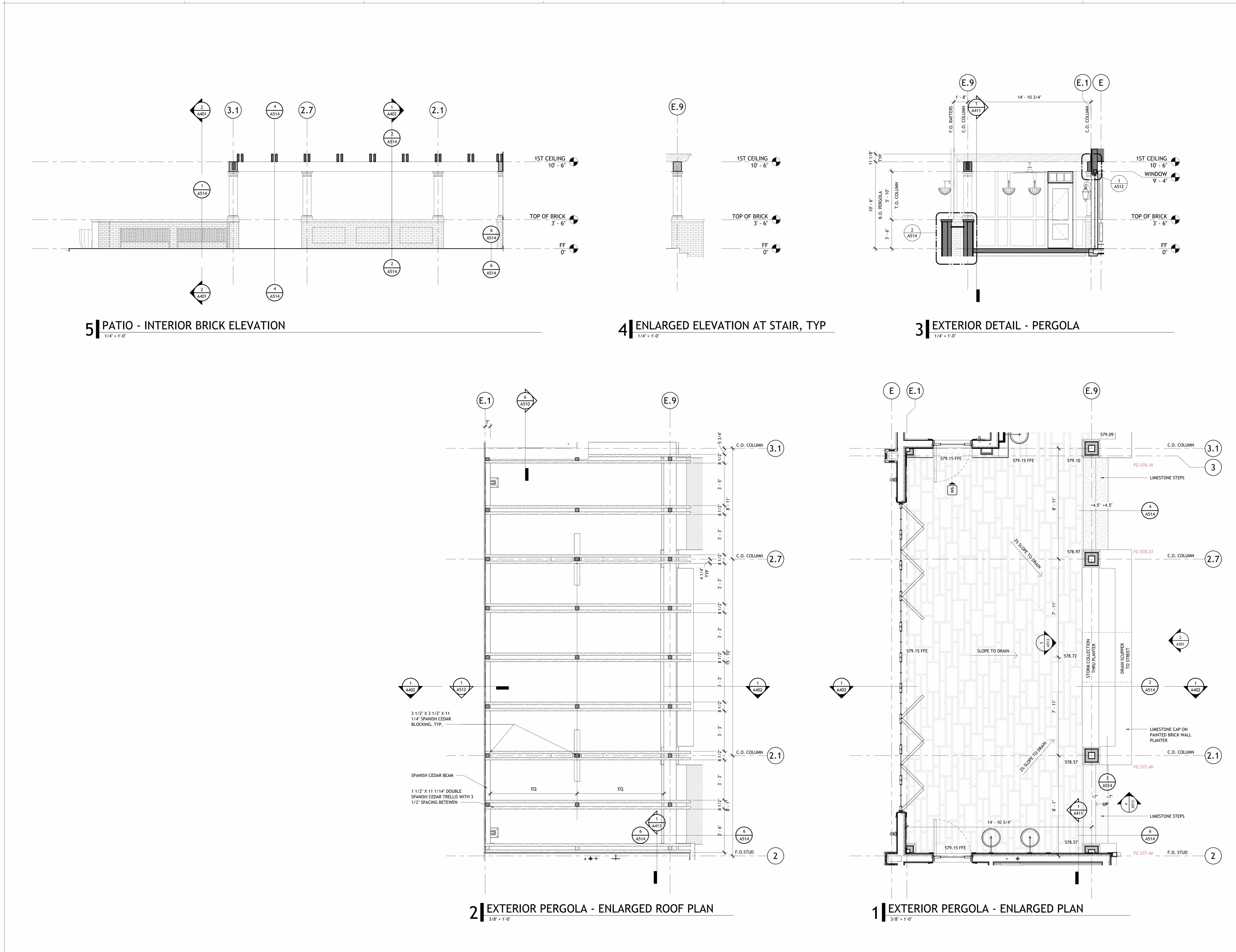
ENGLISH PUB Little Rock, Arkansas

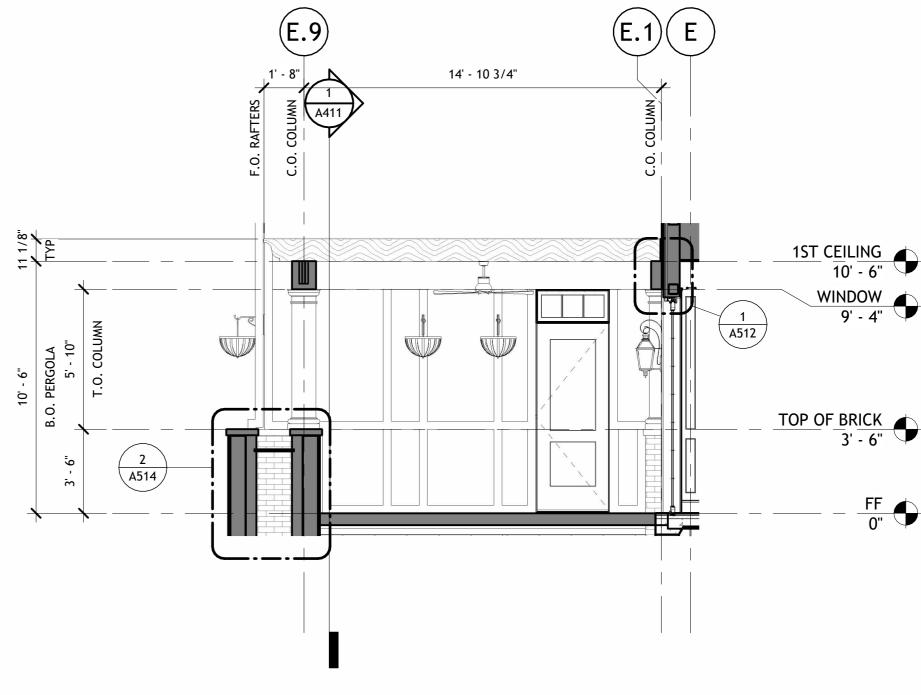
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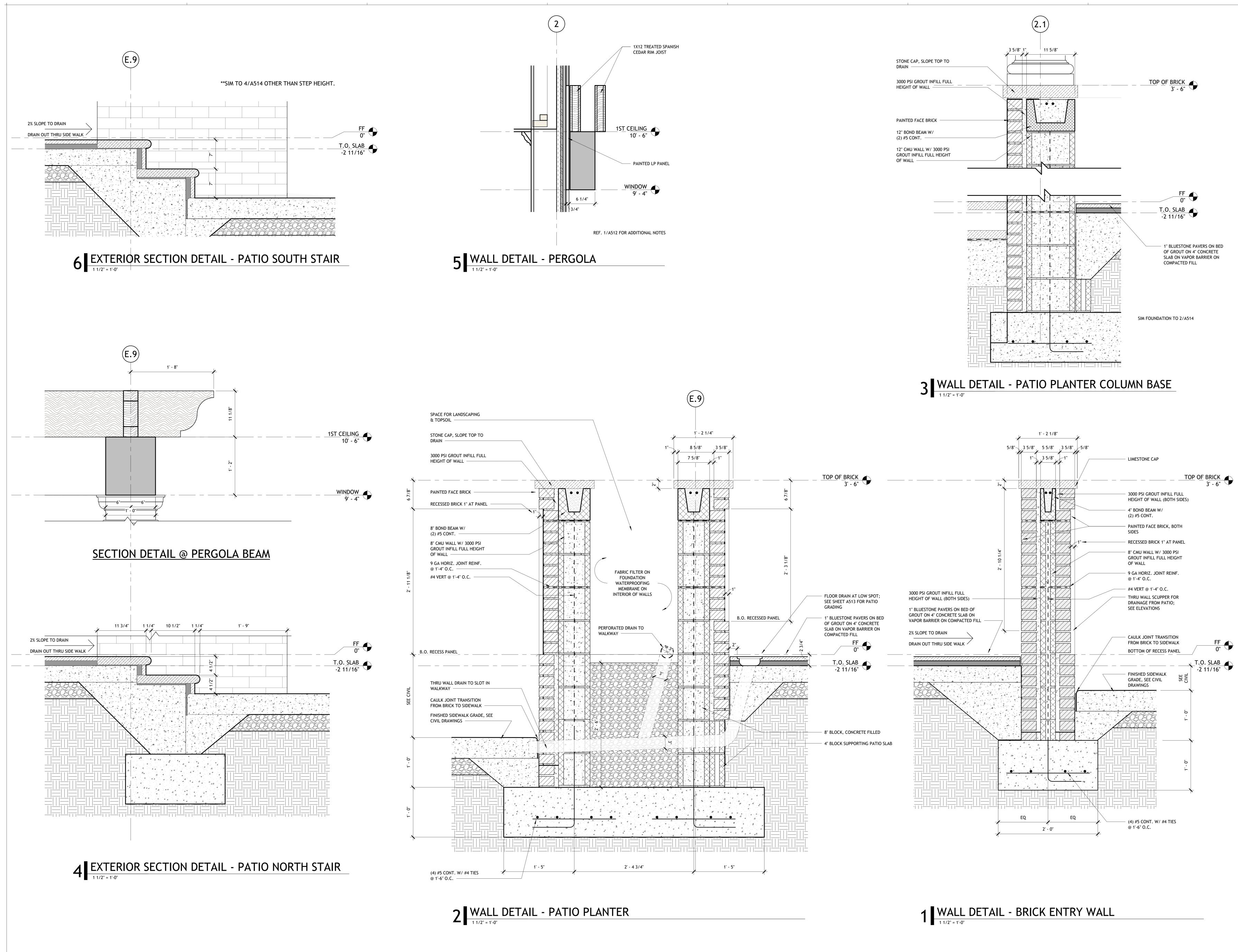
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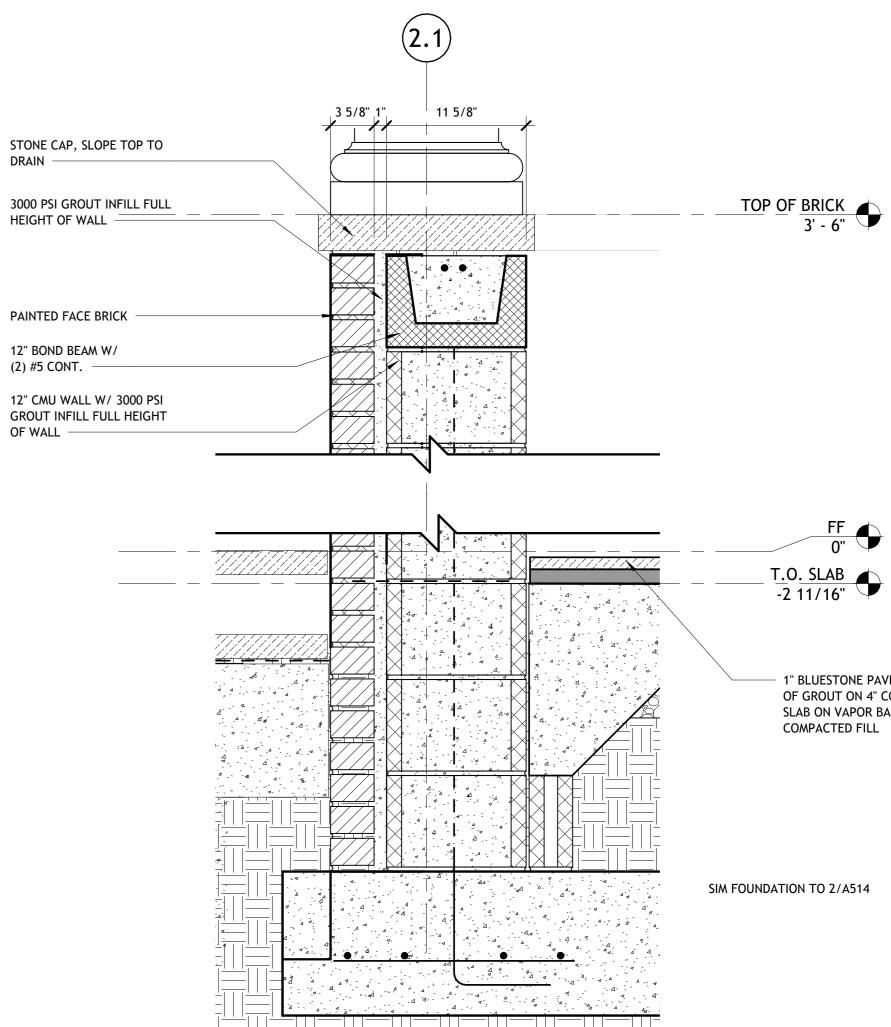
WALL DETAILS -EXTERIOR PATIO

—(3.1)











# Contents: WALL DETAILS -EXTERIOR PATIO

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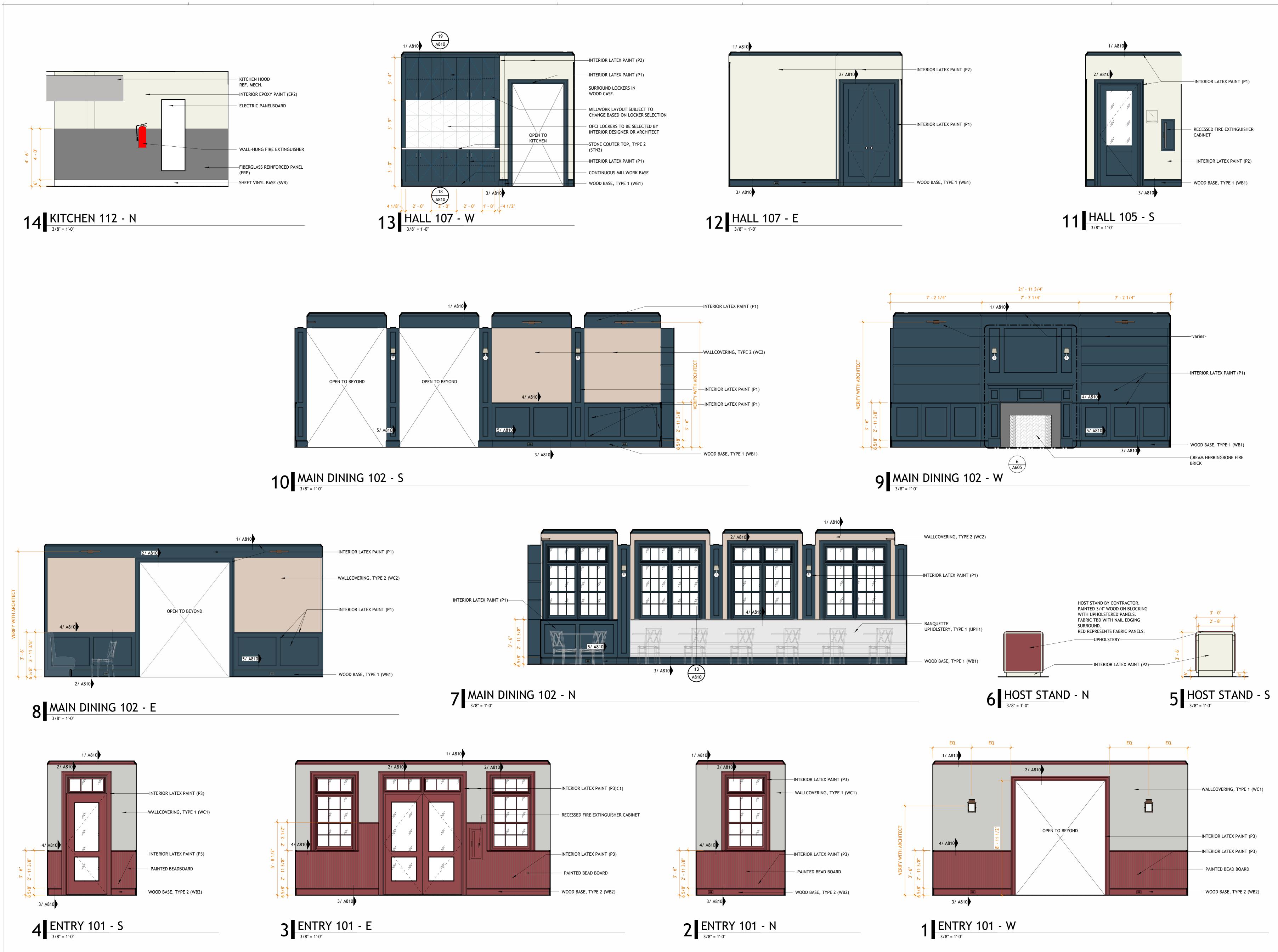
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# Contents: ENLARGED PLANS AND INTERIOR ELEVATIONS

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PH: 501.376.3752

CIVIL ENGINEERING

7302 Kanis Rd Little Rock, AR 72204

STRUCTURAL ENGINEERING

Engineering Consultants, Inc

401 W Capitol Ave, Suite 305

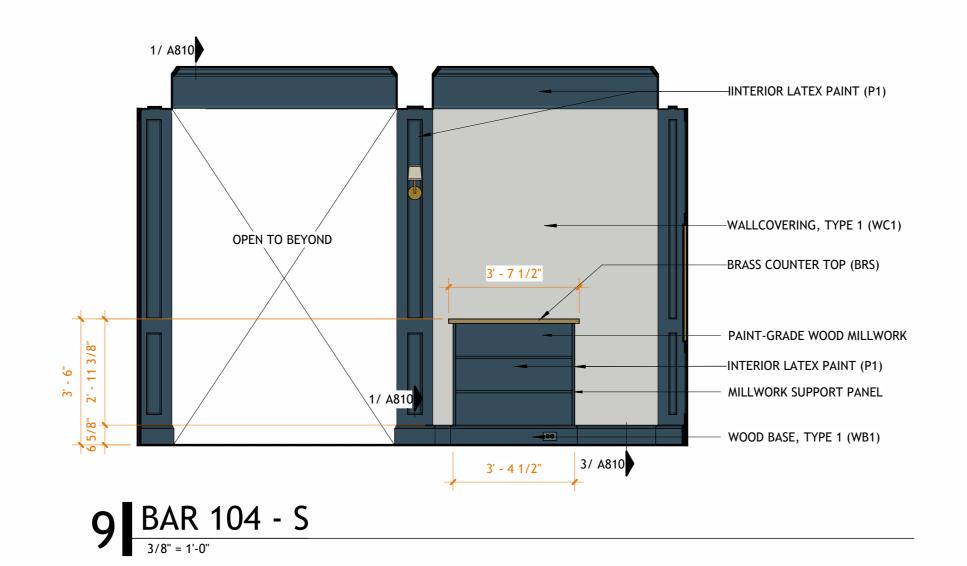
**McClelland Consulting Engineers** 

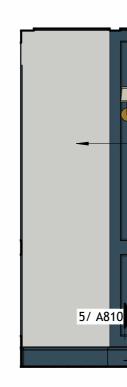
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STANLEY

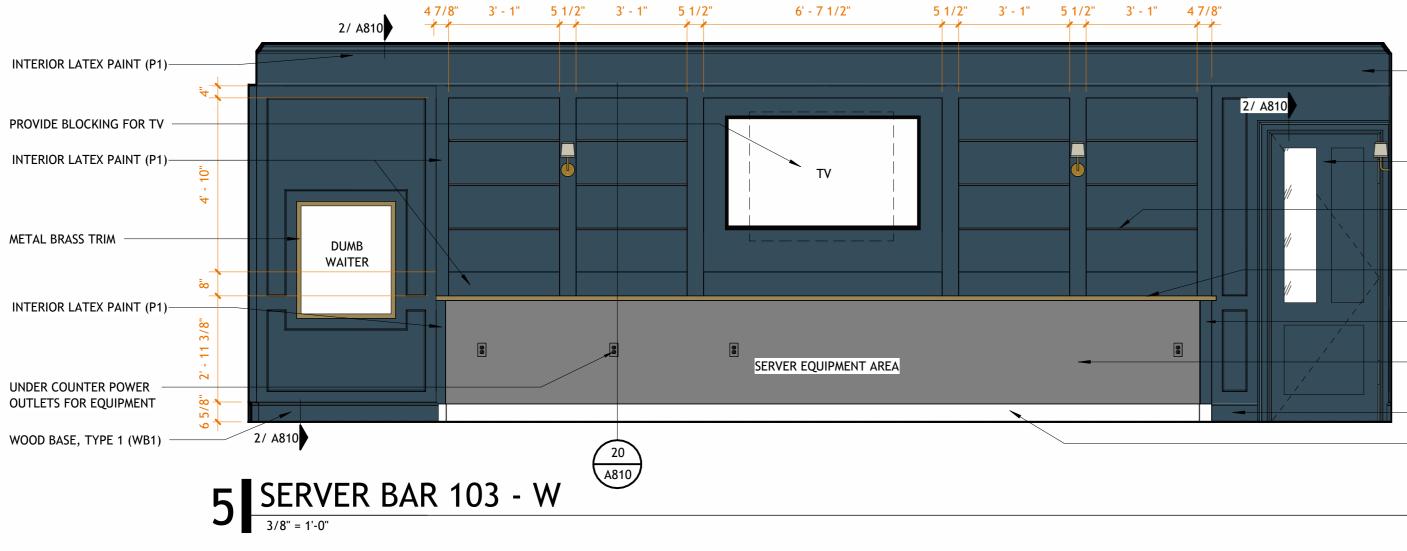
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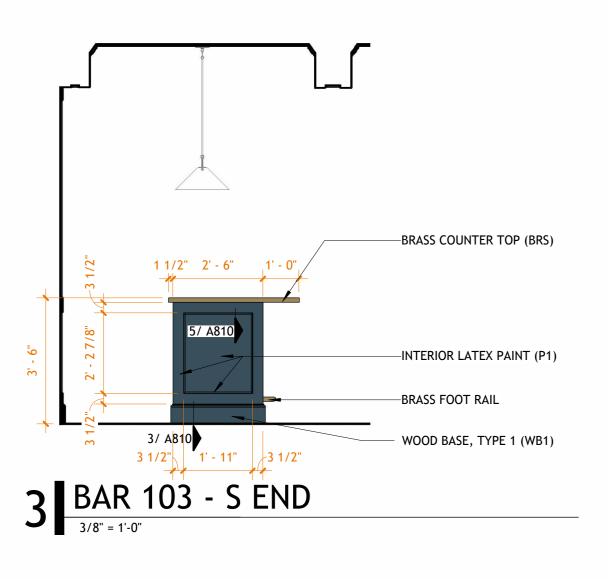
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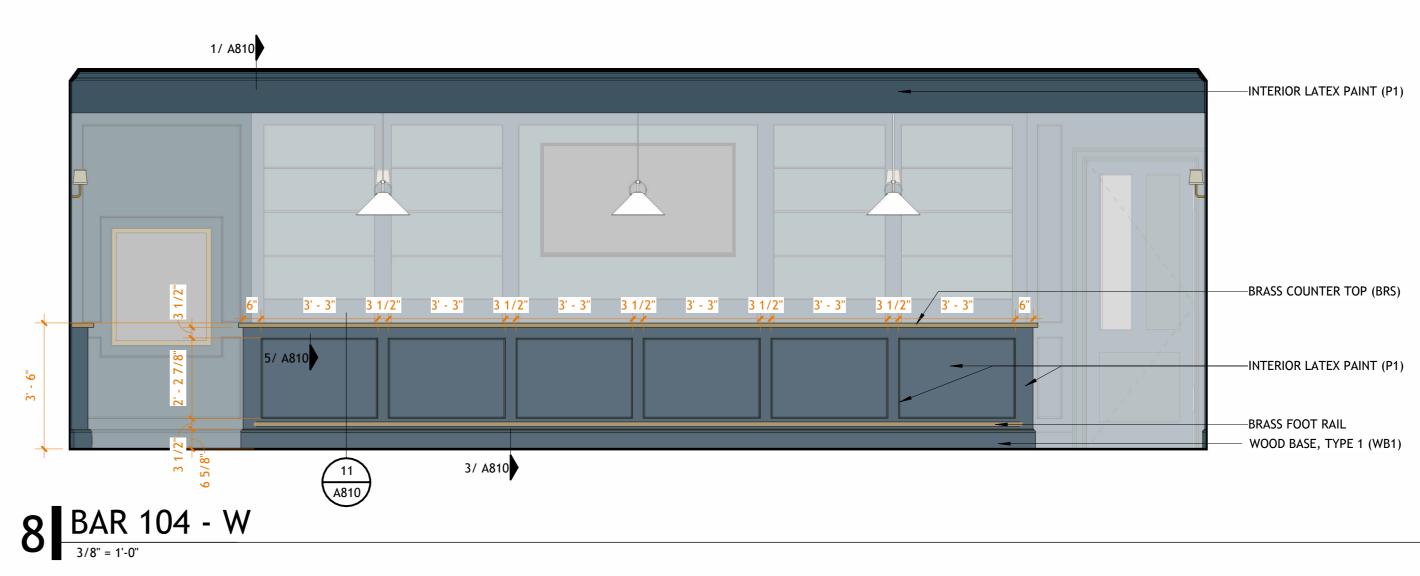


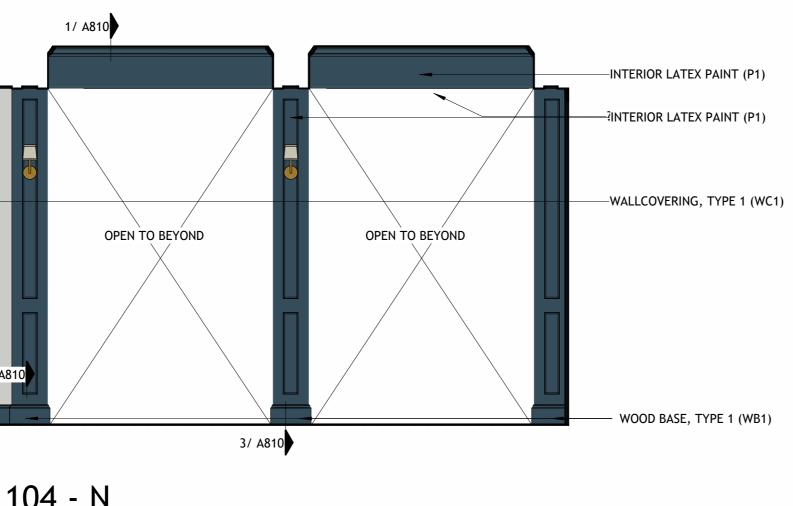


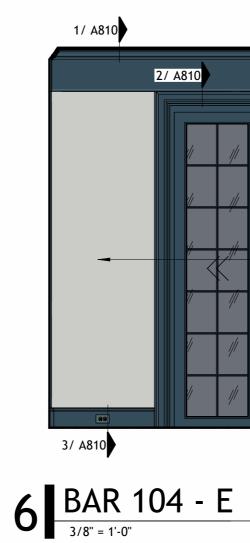














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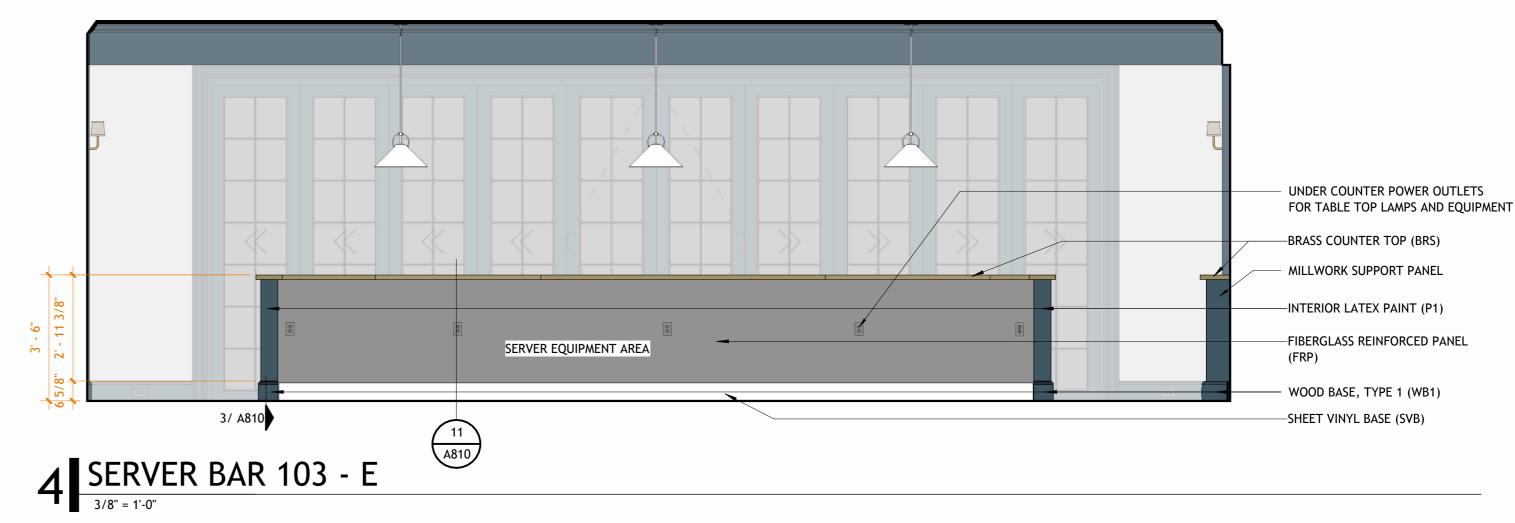
—1/2" GLASS SHELVES

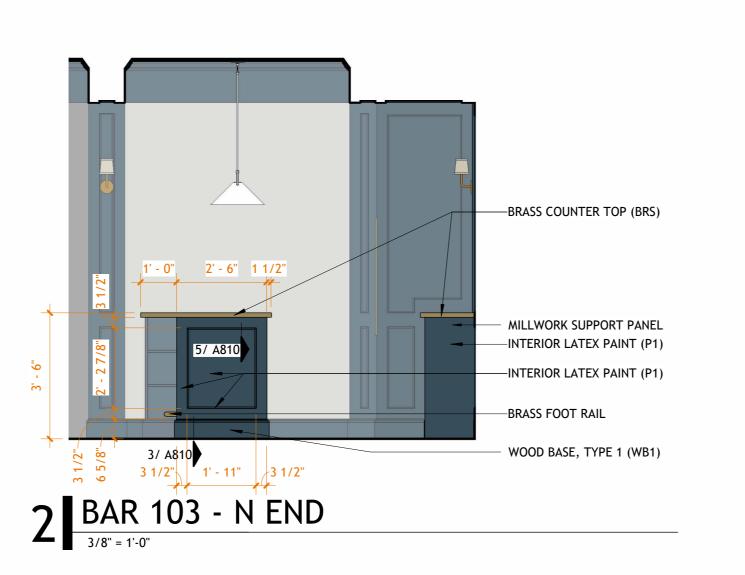
-BRASS COUNTER TOP (BRS)

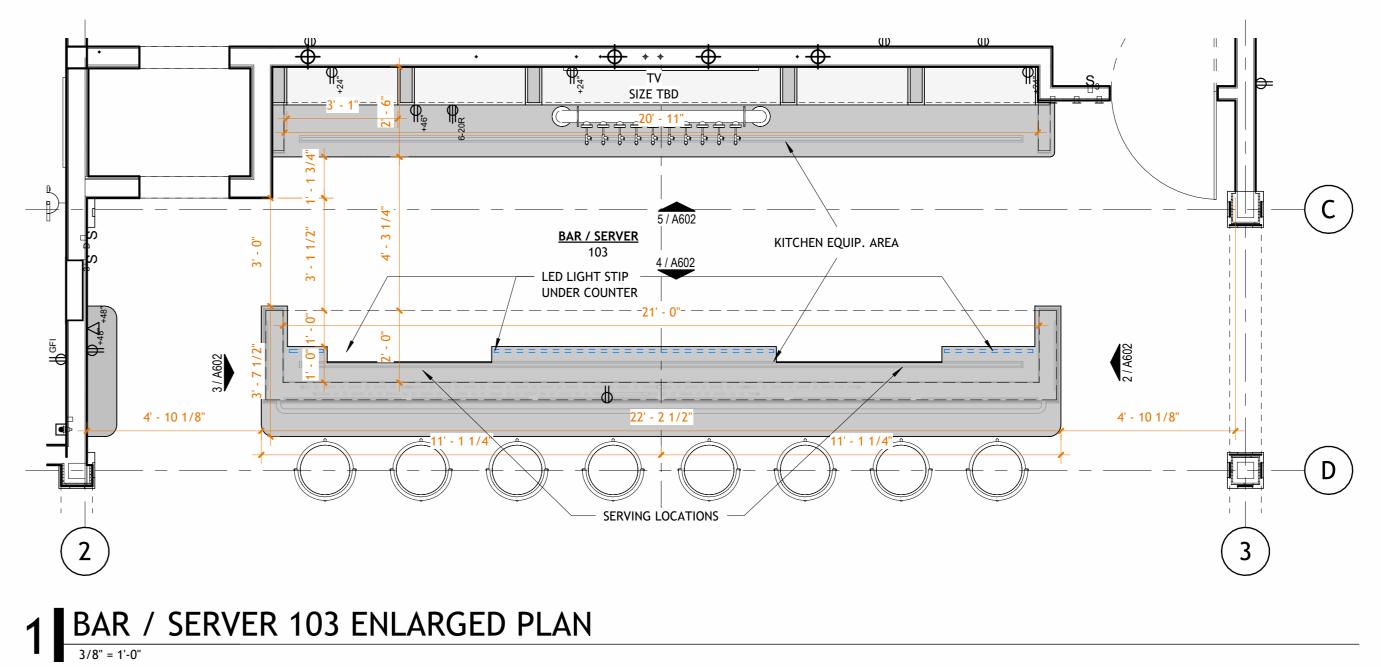
MILLWORK SUPPORT PANEL

-FIBERGLASS REINFORCED PANEL (FRP)

WOOD BASE, TYPE 1 (WB1) -SHEET VINYL BASE (SVB)













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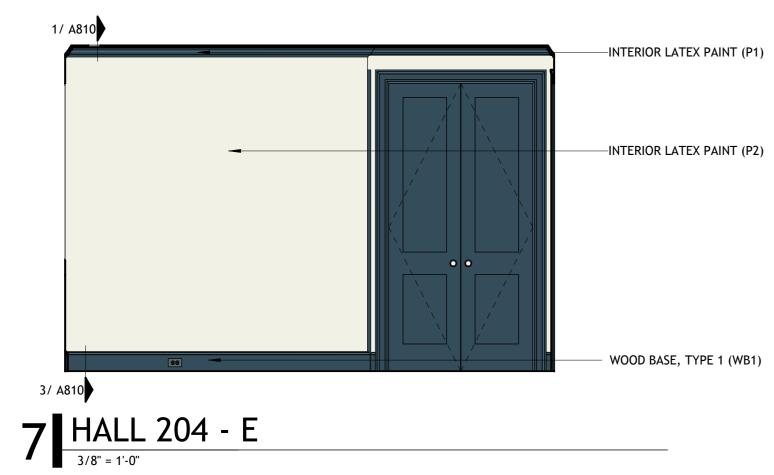
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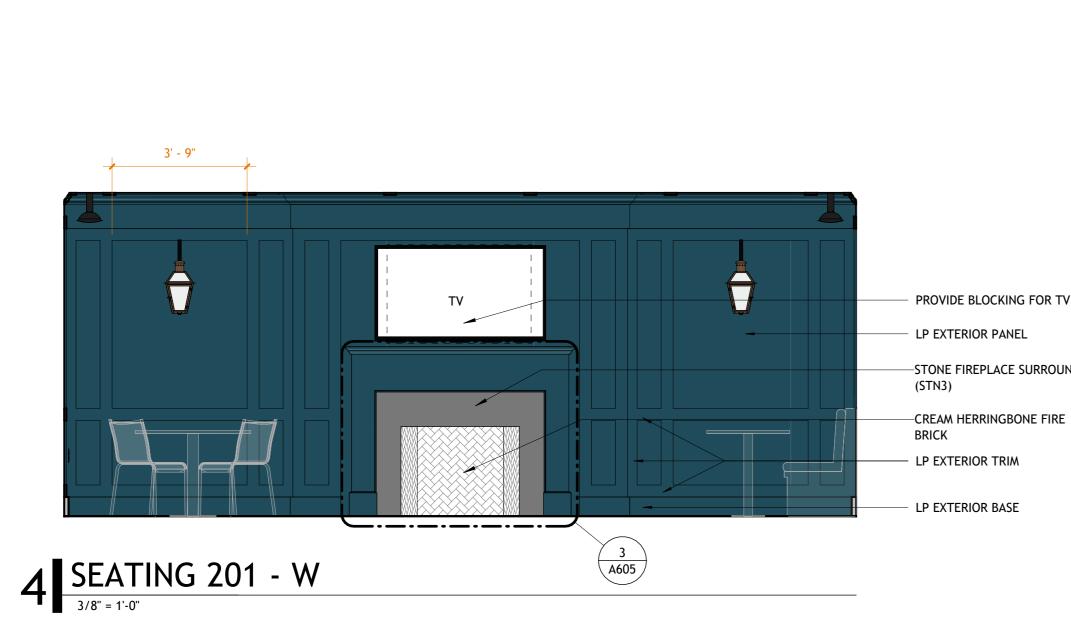
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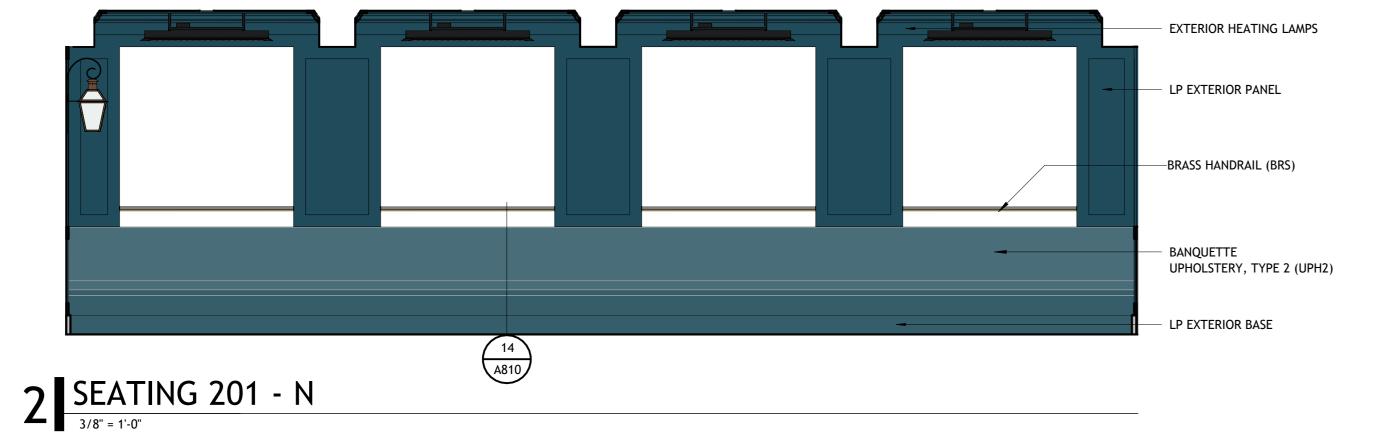


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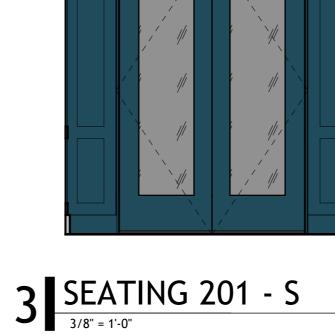










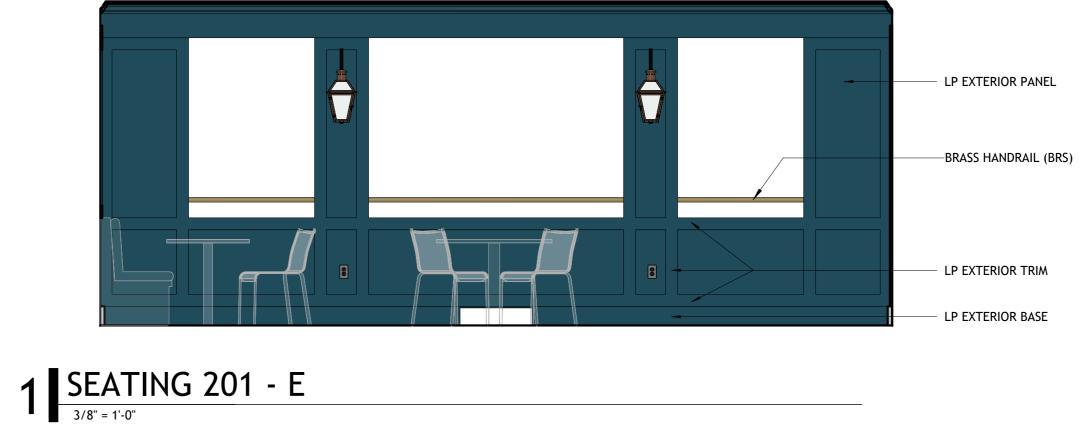


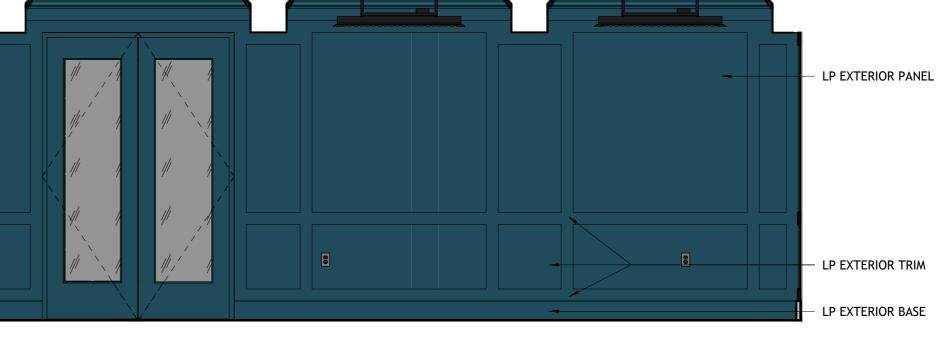
—INTERIOR LATEX PAINT (P1)

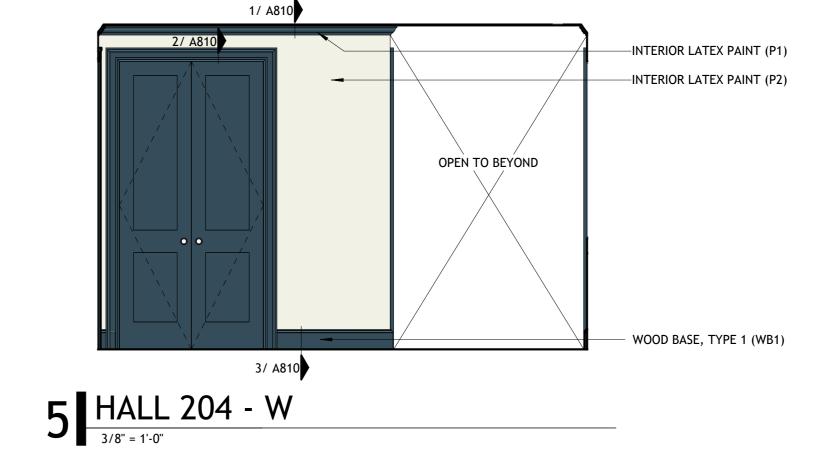
PROVIDE BLOCKING FOR TV -STONE FIREPLACE SURROUND -CREAM HERRINGBONE FIRE

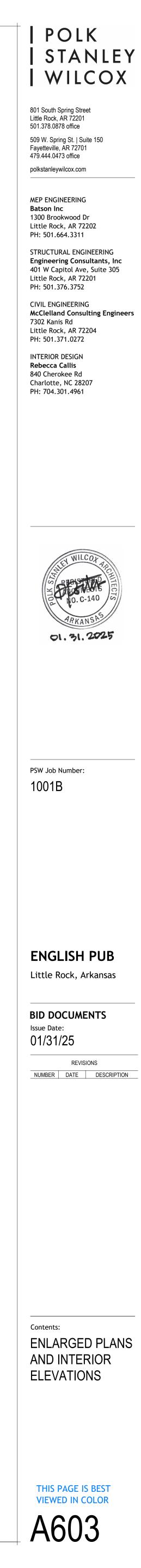


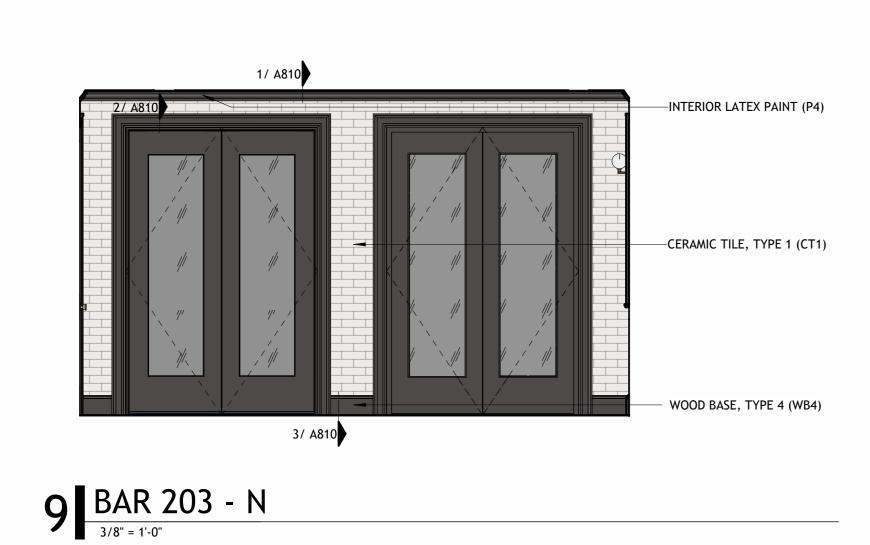
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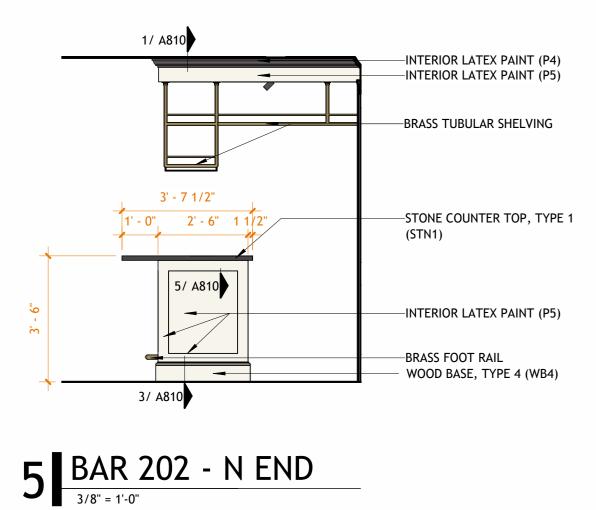


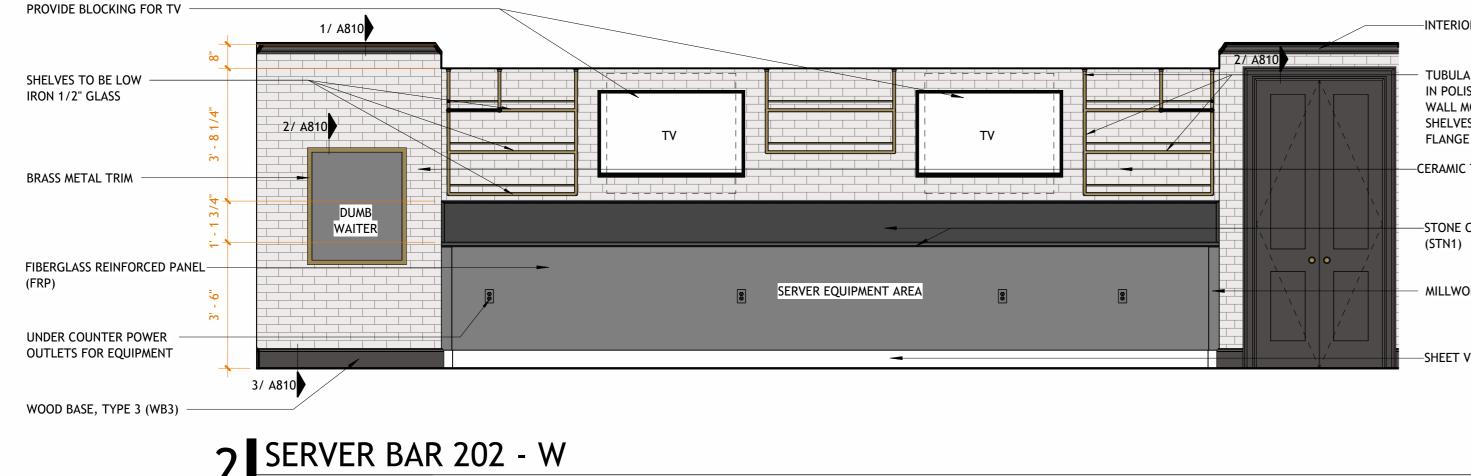


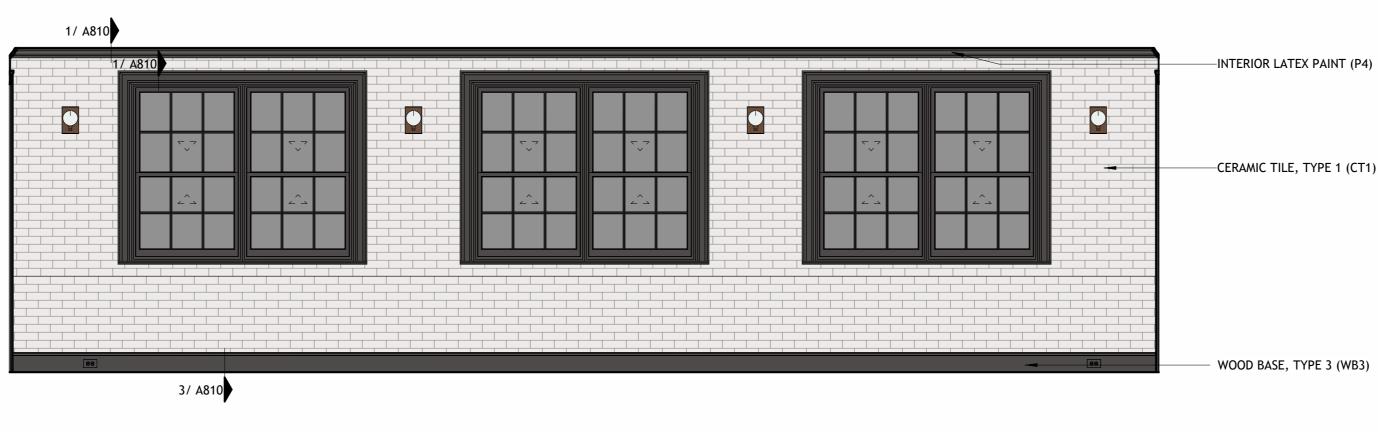




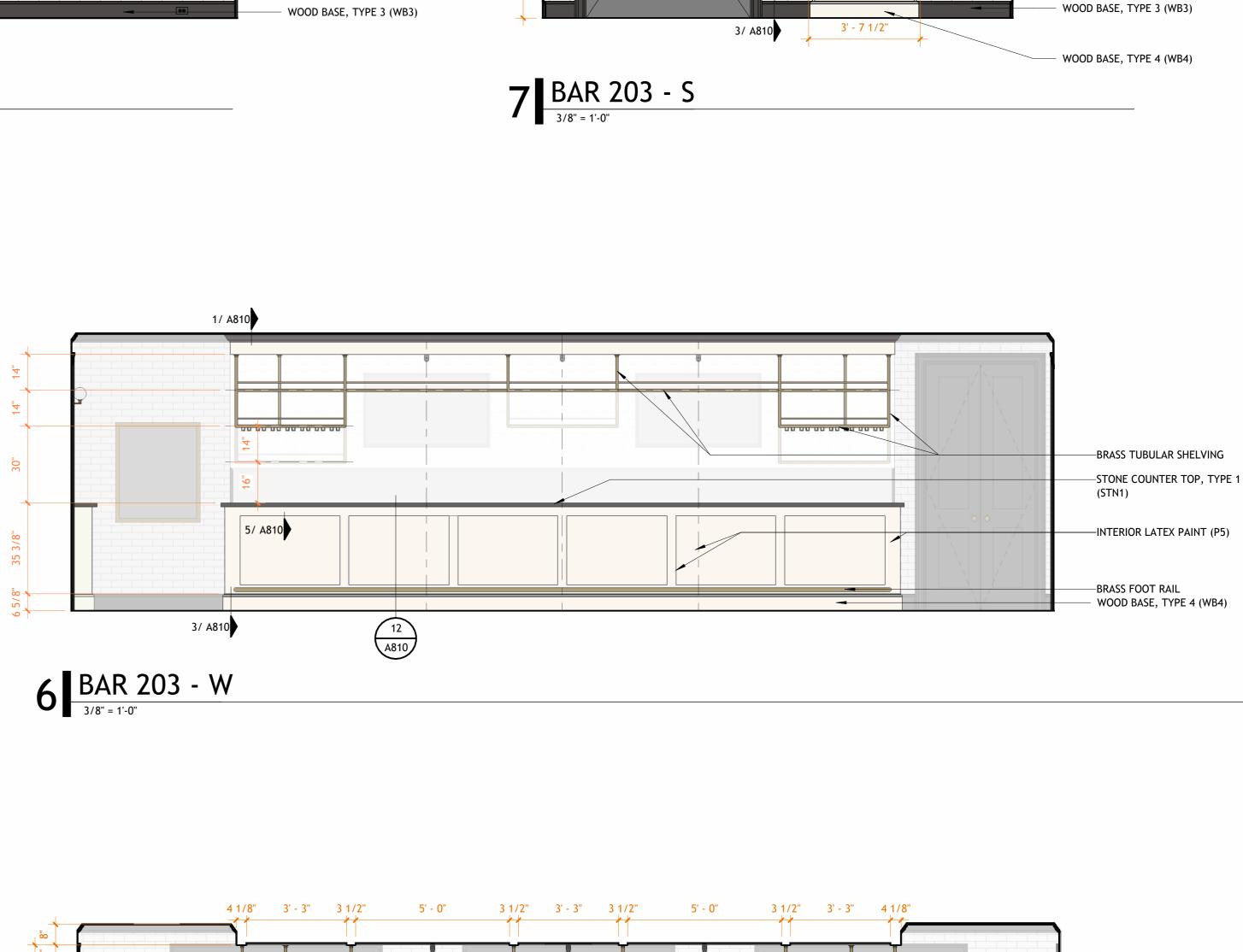


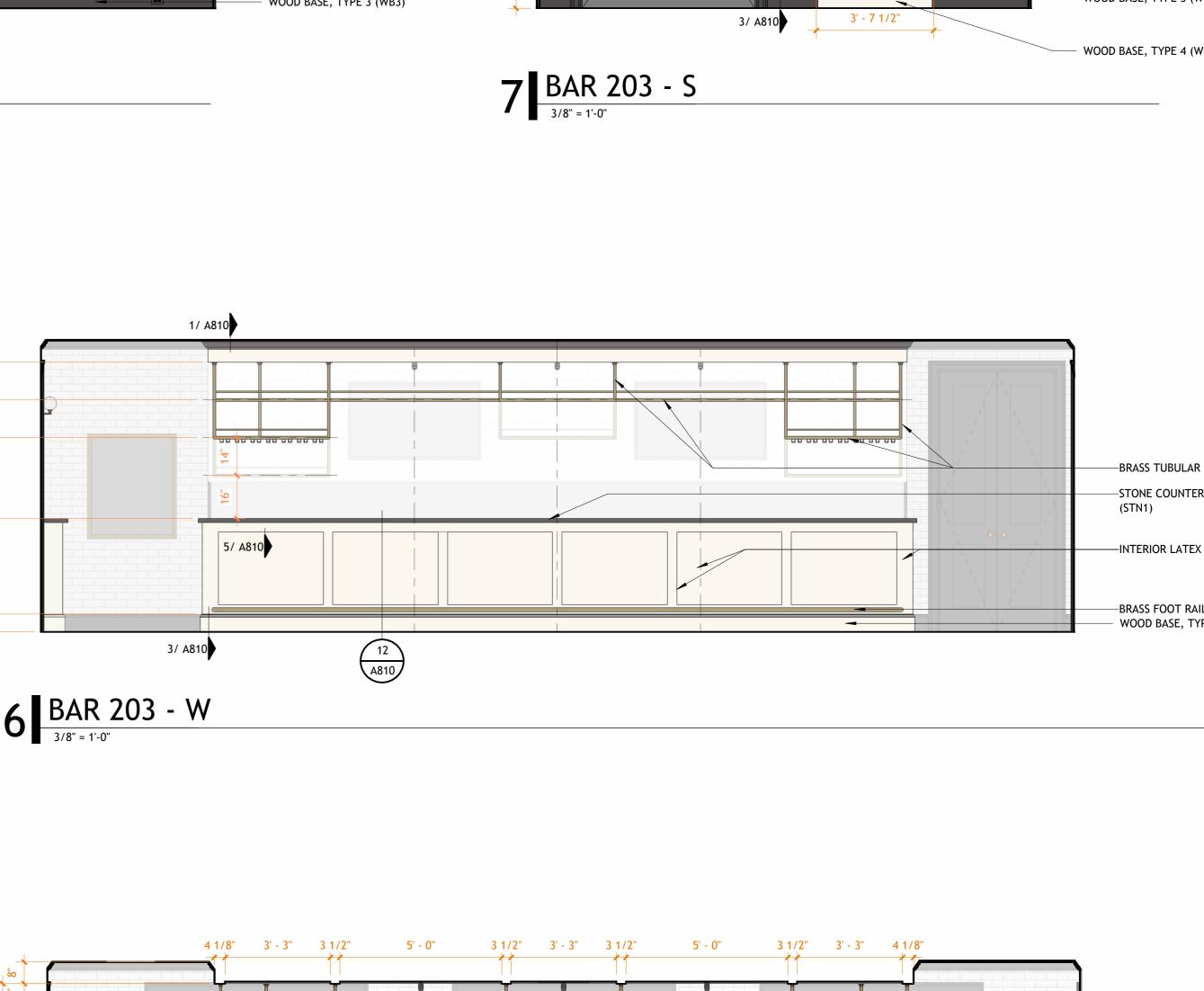


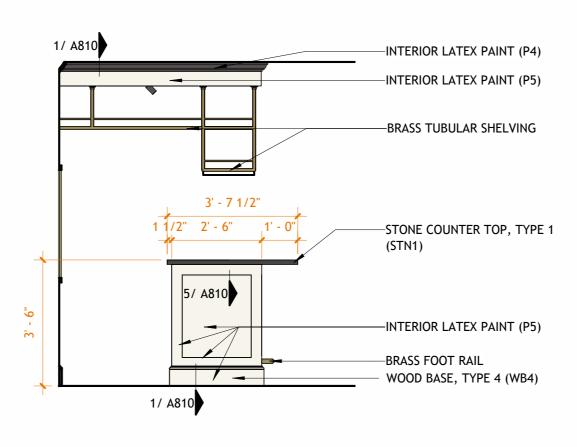






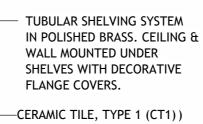






4 BAR 202 - S END

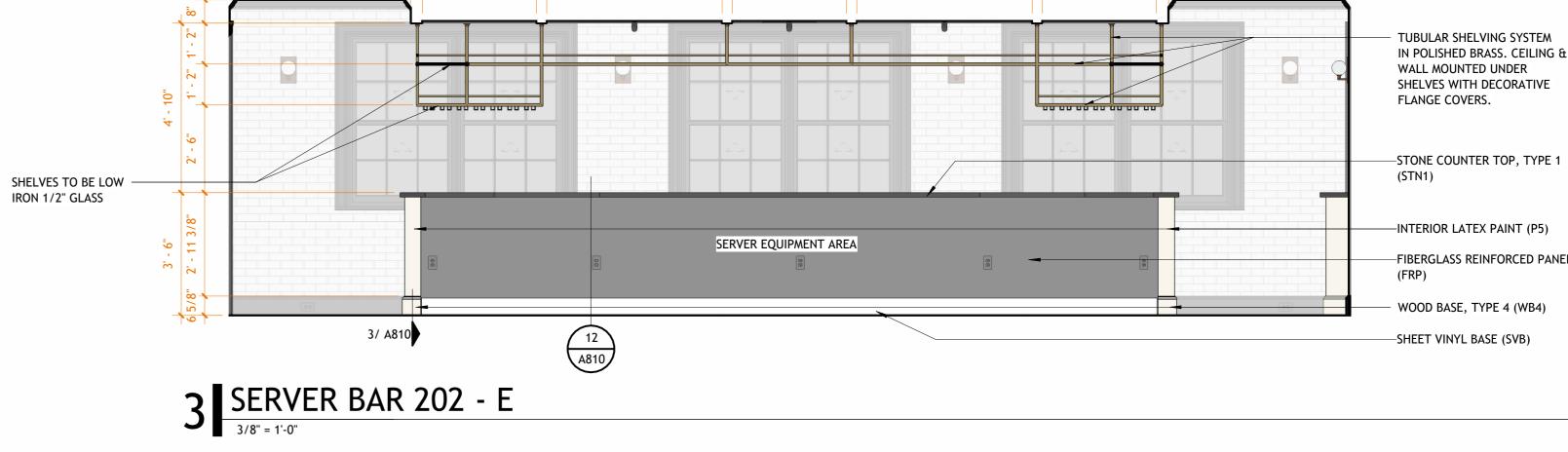


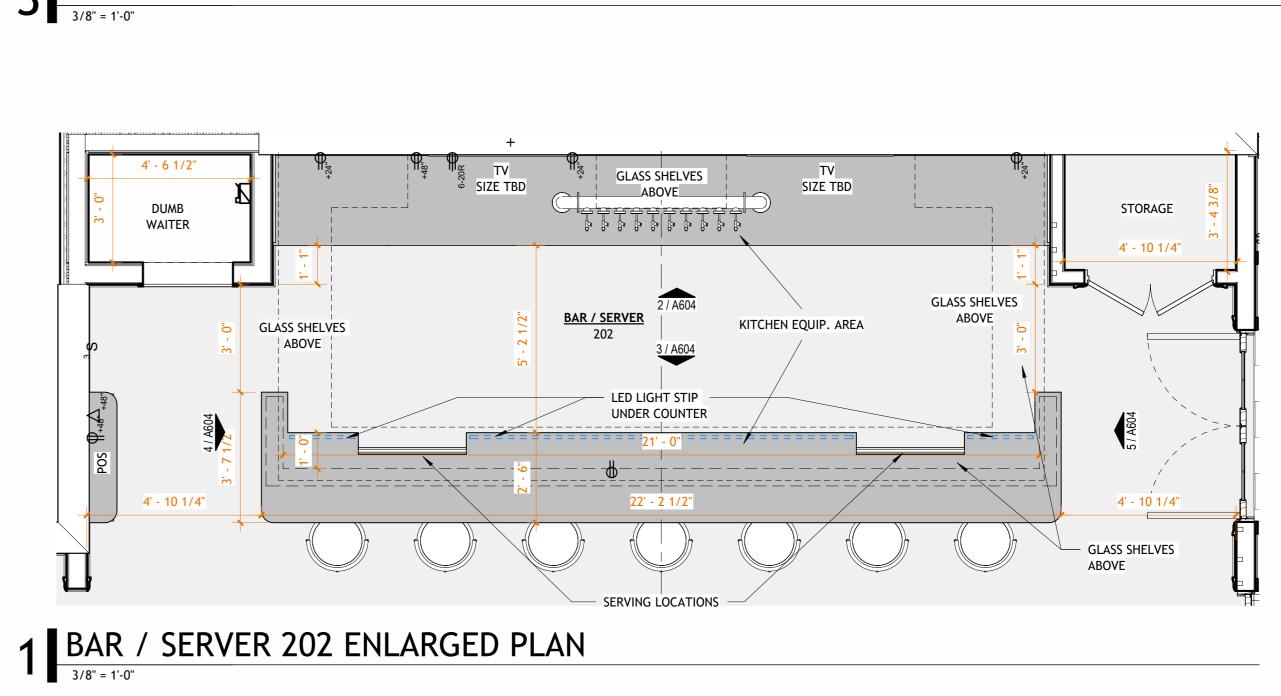


—STONE COUNTER TOP, TYPE 1

MILLWORK SUPPORT PANEL

-SHEET VINYL BASE (SVB)

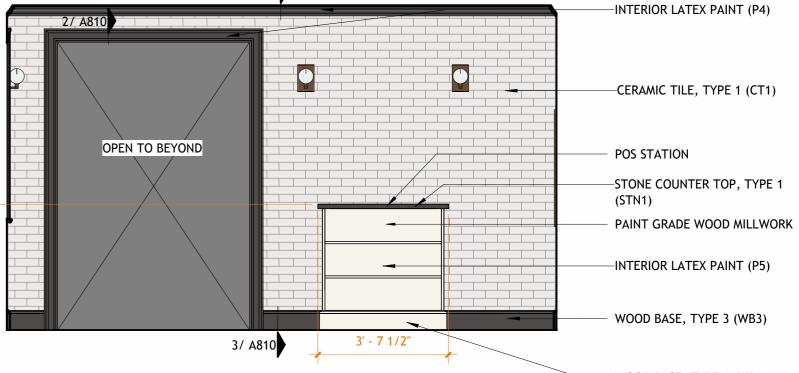




1/ A810 -INTERIOR LATEX PAINT (P4) 2/ A810 —CERAMIC TILE, TYPE 1 (CT1) OPEN TO BEYOND

50

m



- TUBULAR SHELVING SYSTEM IN POLISHED BRASS. CEILING & WALL MOUNTED UNDER SHELVES WITH DECORATIVE

—INTERIOR LATEX PAINT (P5) -FIBERGLASS REINFORCED PANEL

WOOD BASE, TYPE 4 (WB4) -SHEET VINYL BASE (SVB)



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INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961



PSW Job Number: 1001B

ENGLISH PUB Little Rock, Arkansas

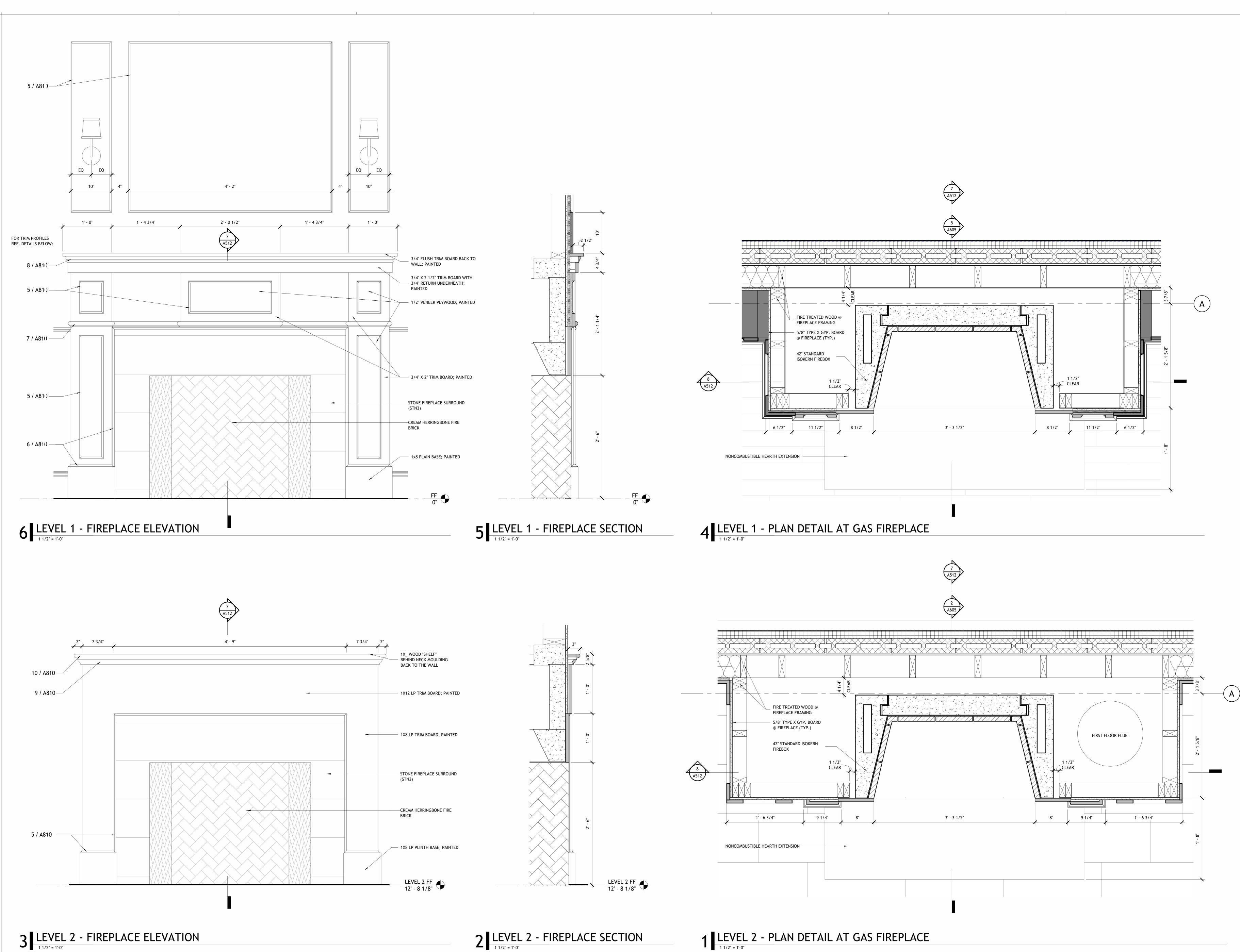
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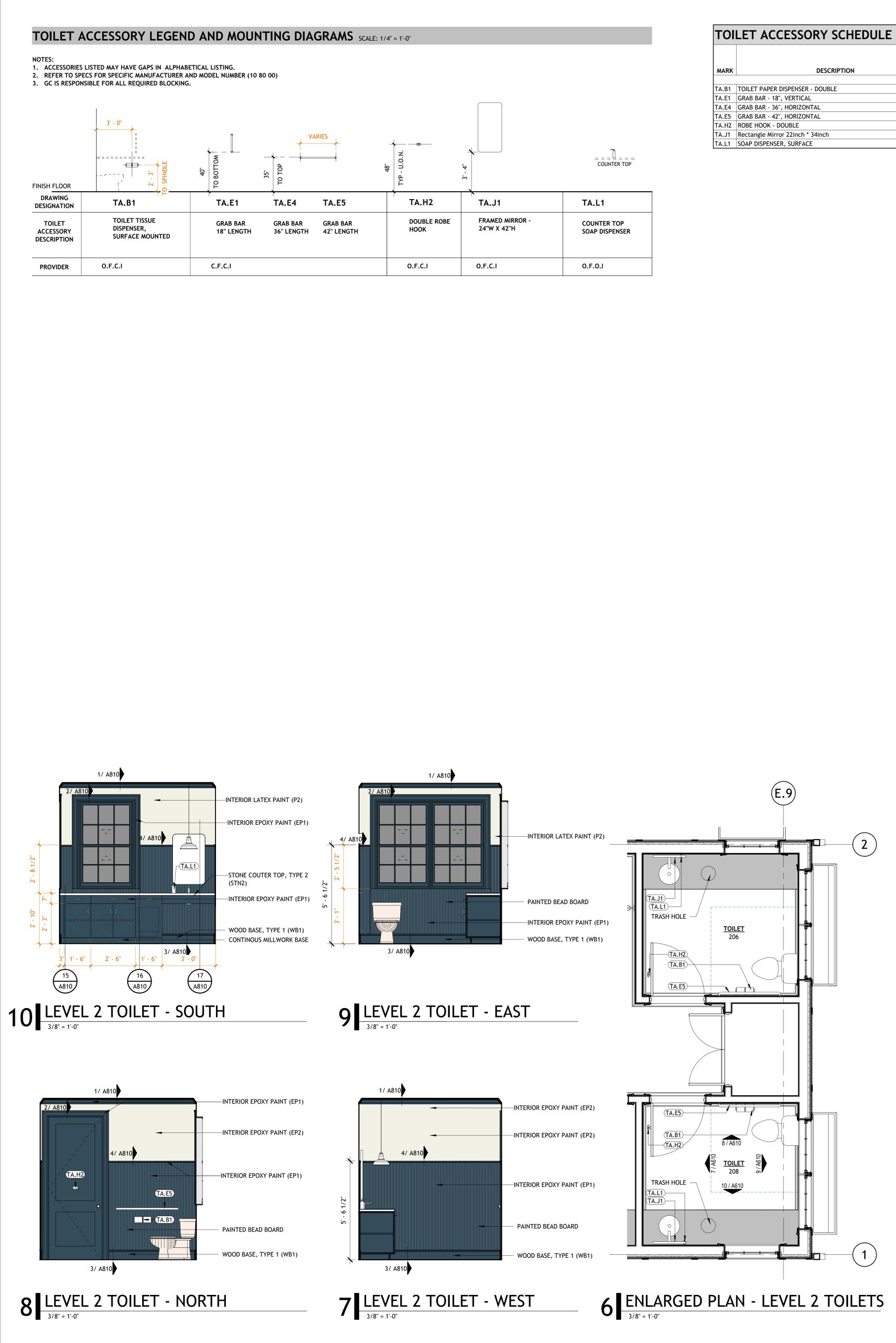
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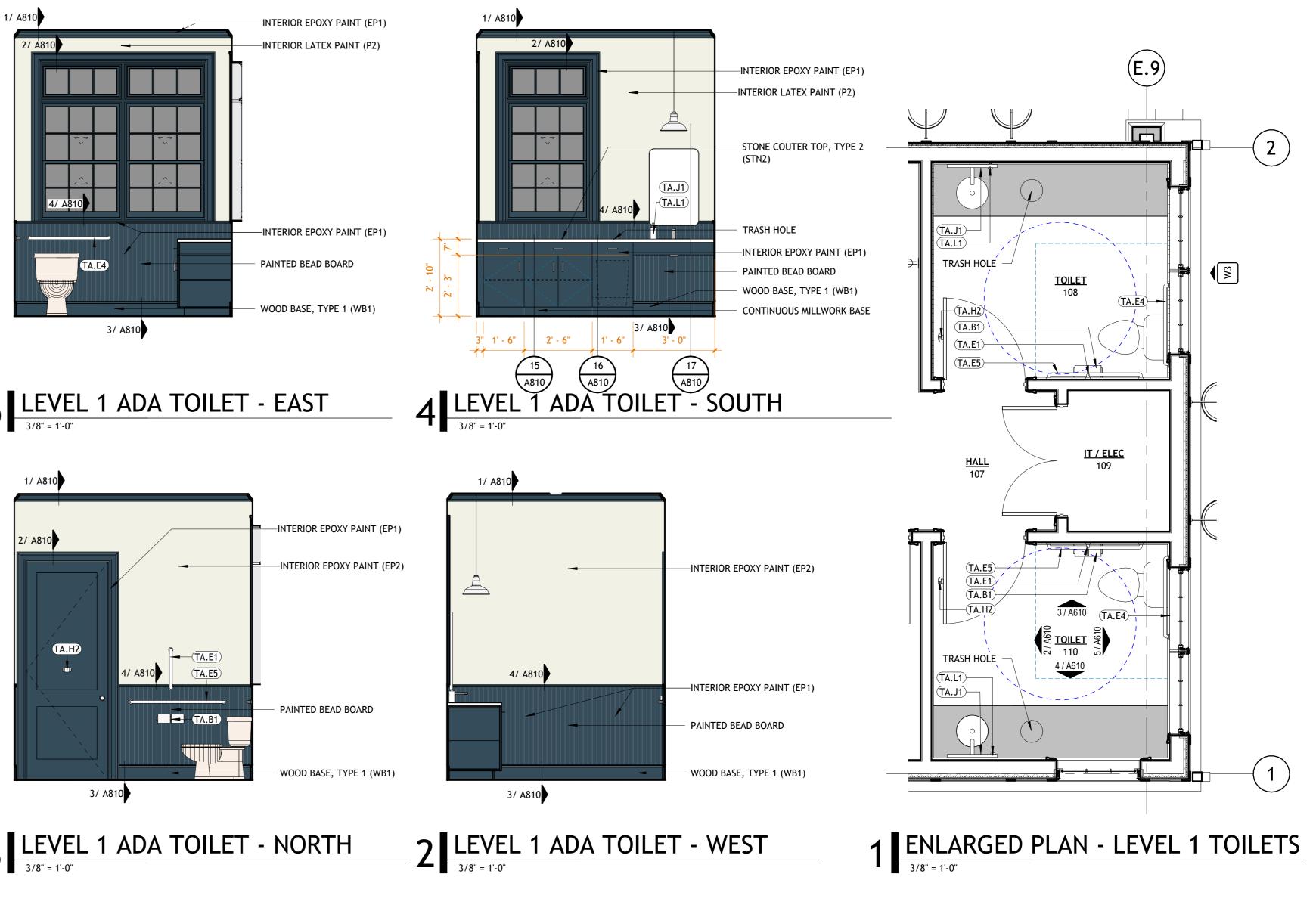


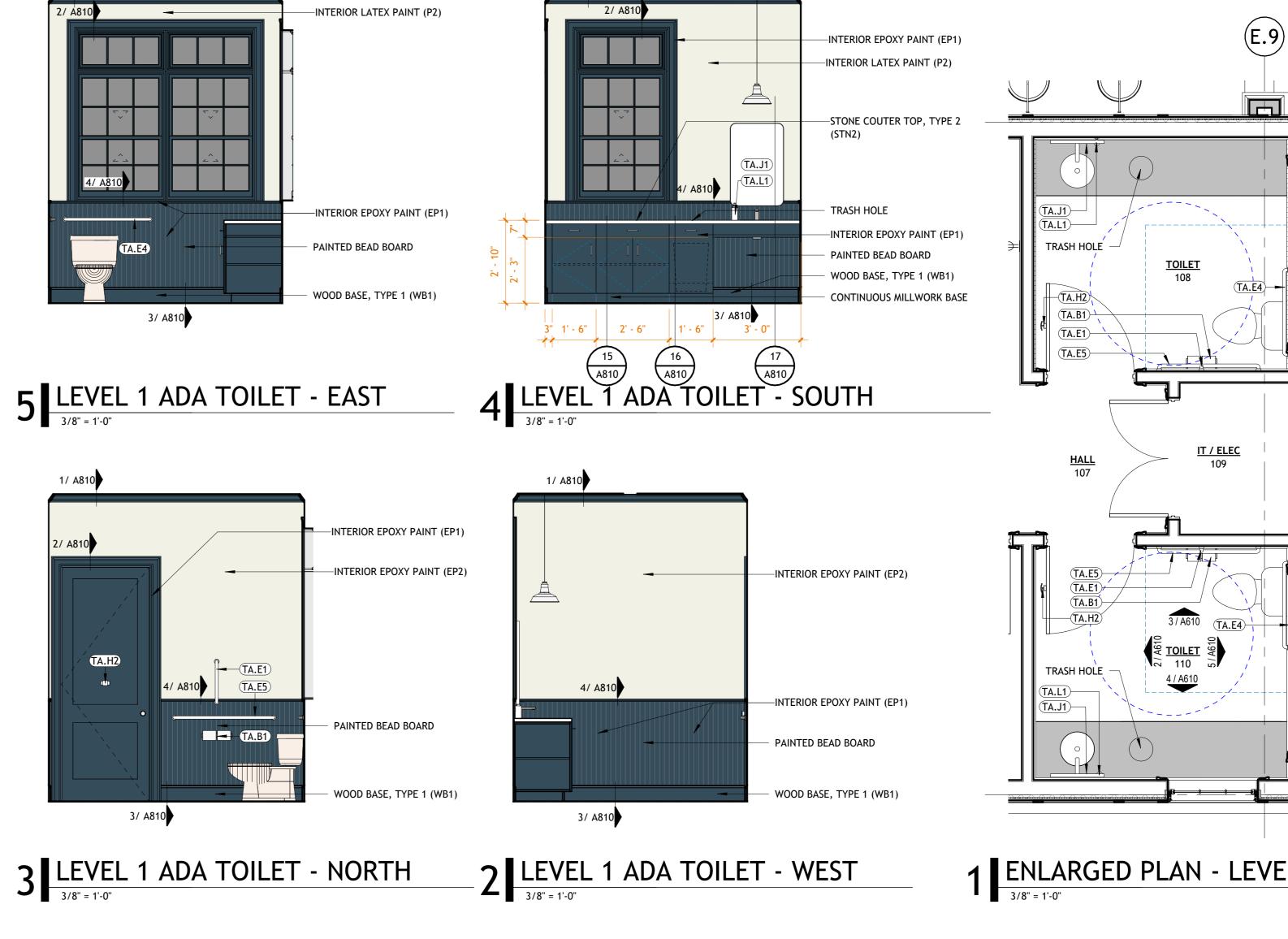


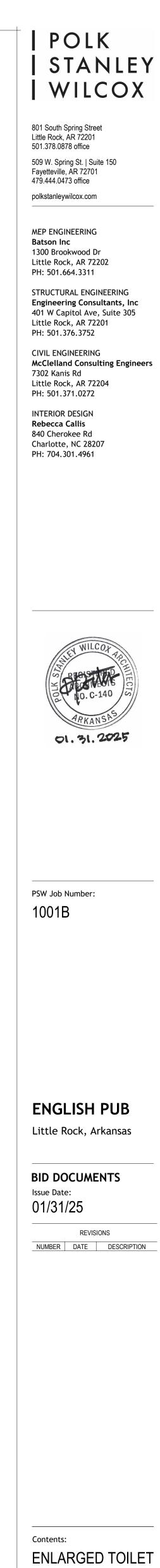


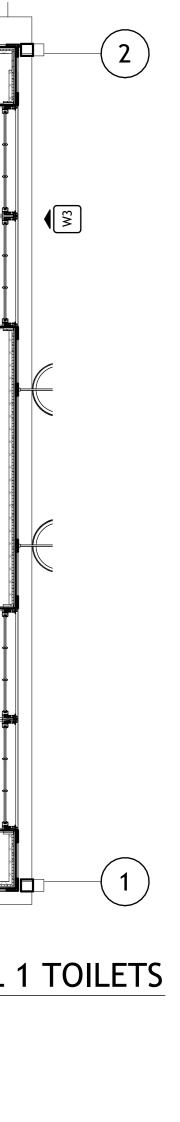
τοι	LET ACCESSORY SCHEDULE					
MARK	DESCRIPTION	0.F.O.I.	0.F.C.I.	C.F.C.I.	BLOCKING	COMMENTS
TA.B1	TOILET PAPER DISPENSER - DOUBLE		X		Х	
TA.E1	GRAB BAR - 18", VERTICAL			Х	Х	
TA.E4	GRAB BAR - 36", HORIZONTAL			Х	Х	
TA.E5	GRAB BAR - 42", HORIZONTAL			Х	Х	
TA.H2	ROBE HOOK - DOUBLE		Х		Х	
TA.J1	Rectangle Mirror 22inch * 34inch					
TA.L1	SOAP DISPENSER, SURFACE	Х				

	TA.L1
R -	COUNTER TOP SOAP DISPENSER
	0.F.O.I



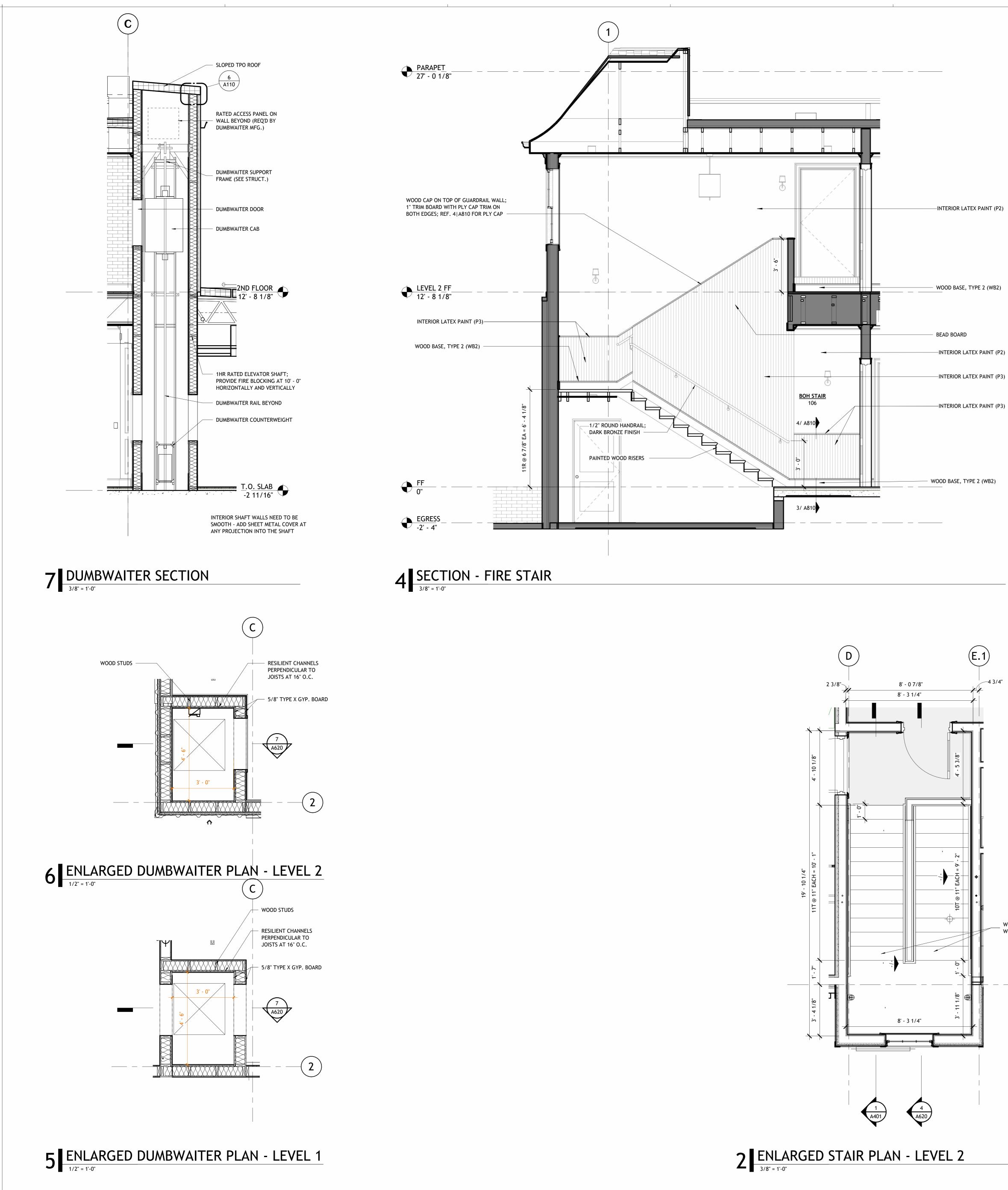






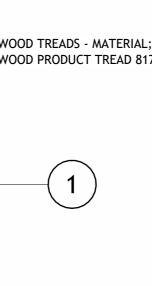


PLANS AND ELEVATIONS



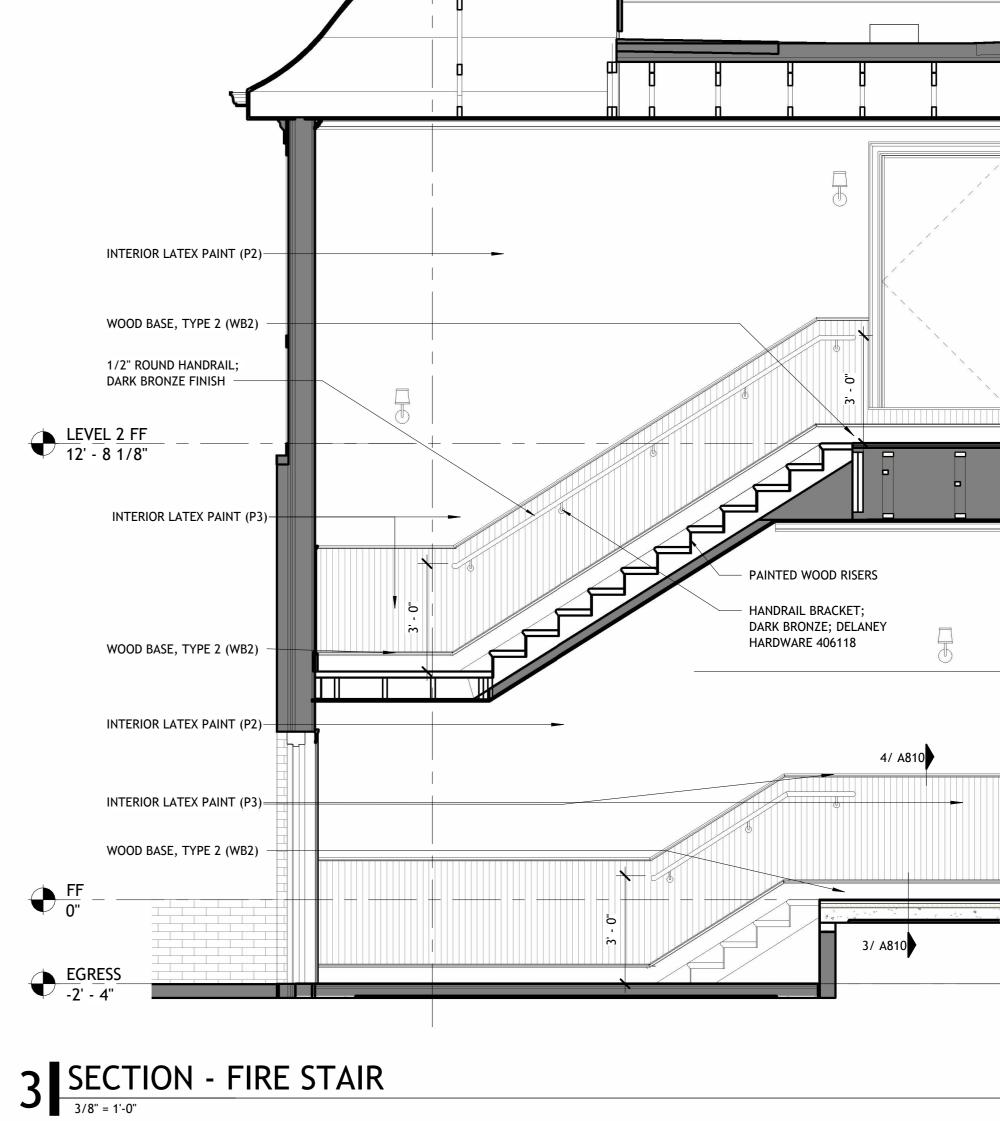


3 A620



WOOD TREADS - MATERIAL; JMP WOOD PRODUCT TREAD 8171RH

-4 3/4"



( D )

2 3/8"

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8' - 0 7/8"

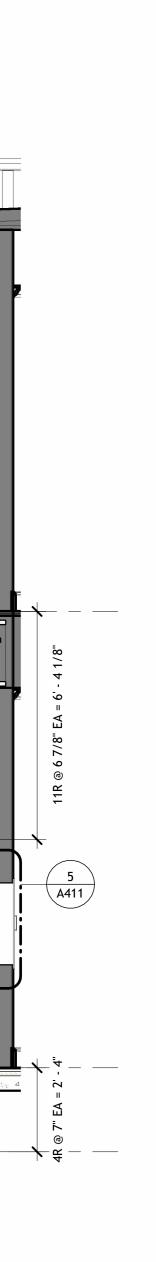
8' - 3 1/4"

46 1/8"

4' - 4 3/4"

4 A620

46 1/8"



— 1/2" ROUND HANDRAIL; DARK BRONZE FINISH

(E.1)

-4 3/4"

WOOD TREADS - MATERIAL; JMP WOOD PRODUCT TREAD 8171RH





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1001B

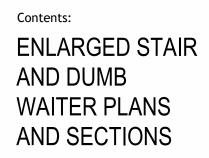
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01/31/25

NUMBER DATE DESCRIPTION





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				DO	OR			FRA	ME		ELECTRICAL	HARDWARE	
DOOR NUMBER TO ROOM	TO ROOM	DOOR TYPE	WIDTH	HEIGHT	MATERIAL	PANEL TYPE	GLAZING TYPE	FRAME TYPE	MATERIAL	FIRE RATING	NOTES	SET	GENERAL NOTES
01A	ENTRY	DOUBLE	6' - 1 1/2"	8' - 0"	SCS	S2	GL2	F2	WD			HW-1	CUSTOM STAINED WOOD DOOR W/ TRANSOM WINDOW
01B	ENTRY	CASED OPENING	7' - 0"	8' - 11 1/2"				CO	WD				
06A	BOH STAIR	SINGLE	3' - 0"	8' - 0''	WDP	S5	60R	F1	HM	60		HW-6	
06B	EXTERIOR	SINGLE	3' - 2"	6' - 8"	HM-1	F		F1M	HM			HW-3	
06C	BOH STAIR	SINGLE	3' - 0"	6' - 8"	WDP	S1		F1	WD			HW-10	
08	TOILET	SINGLE	3' - 0"	8' - 0"	WDP	S1		F1	WD			HW-9	
09	IT / ELEC	DOUBLE	4' - 0"	8' - 0"	WDP	S1		F2	WD			HW-11	
10	TOILET	SINGLE	3' - 0"	8' - 0"	WDP	S1		F1	WD			HW-9	
10B	HALL	CASED OPENING	5' - 4"	8' - 0"				CO	WD				
11	STORAGE	SINGLE	3' - 0"	8' - 0''	WDP	S1		F1	WD			HW-10	
12A	EXTERIOR	SINGLE	4' - 0"	8' - 0"	HM-1	F		F1M	HM			HW-3	
12B	BAR / SERVER	SINGLE	3' - 0"	8' - 0''	WDP	\$3	GL1	F1	WD			HW-8	DOUBLE SWING DOOR
01A	COVERED SEATING	DOUBLE	5' - 4"	8' - 0"	WDP	S4	GL2	F2	WD			HW-5	
01B	BAR / SERVER	DOUBLE	5' - 4"	8' - 0''	WDP	S4	GL2	F2	WD			HW-5	
04A	ROOF	SINGLE	3' - 6"	7' - 0"	HM-1	F		F1	HM			HW-4	
04B	BOH STAIR	SINGLE	3' - 0"	8' - 0"	WDP	S5	60R	F1	HM	60		HW-6	
05	JANITOR	DOUBLE	4' - 0"	8' - 0''	WDP	S1		F2	WD			HW-11	
06	TOILET	SINGLE	3' - 0"	8' - 0"	WDP	S1		F1	WD			HW-9	
07	IT / ELEC	DOUBLE	4' - 0"	8' - 0''	WDP	S1		F2	WD			HW-11	
08	TOILET	SINGLE	3' - 0"	8' - 0"	WDP	S1		F1	WD			HW-9	
09	OFFICE	SINGLE	3' - 0"	8' - 0"	WDP	S1		F1	WD			HW-10	
10	BAR / SERVER	DOUBLE	3' - 6"	8' - 0"	WDP	S1		F2	WD			HW-11	

DOOR S	CHEDULE - SPE	CIALTY DOC	ORS									
					DOOR	SPECIALTY						
						DOOR		FRAME		ELECTRICAL	HARDWARE	
DOOR NUMBER	TO ROOM	DOOR TYPE	WIDTH	HEIGHT	MATERIAL		GLAZING TYPE		FIRE RATING		SET	GENERAL NOTES
104	OUTDOOR PATIO		25' - 0"	9' - 0"	BY MFR.	S6	GL2	BY MFR.				
	·			•	•		•		•	•		

# 

DOOR SO	CHEDULE - PELLA	DOORS											
				DC	OOR			FRA	ME		ELECTRICAL	HARDWARE	
DOOR NUMBER	TO ROOM	DOOR TYPE	WIDTH	HEIGHT	MATERIAL	PANEL TYPE	GLAZING TYPE	FRAME TYPE	MATERIAL	FIRE RATING	NOTES	SET	GENERAL NOTES
101B	OUTDOOR PATIO	SINGLE	3' - 1 7/8"	7' - 11 1/2"	AL	W6	GL2	F1	AL			HW-2	TRANSOM WINDOW
107	OUTDOOR PATIO	SINGLE	3' - 1 7/8"	7' - 11 1/2"	AL	W6	GL2	F1	AL			HW-2	TRANSOM WINDOW

WINDOW TYPES									
		WIND	OW UNITS						
TYPE MARK	WINDOW UNIT	COUNT	HEIGHT	WIDTH	COMMENTS				
W1									
	A	2	4' - 5"	2' - 5"					
	В	2	1' - 5"	2' - 5"					
W2									
	С	1	4' - 5"	3' - 1"	SEE GENERAL NOTE 3				
	D	1	1' - 5"	3' - 1"	SEE GENERAL NOTE 3				
W3									
	C	2	4' - 5"	3' - 1"					
	D	2	1' - 5"	3' - 1"					
W4									
	E	2	4' - 11"	3' - 1"					
W5									
	E	1	4' - 11"	3' - 1"					
W6									
	D	1	1' - 5"	3' - 1"					
W7									
	F	2	1' - 4"	3' - 1"					

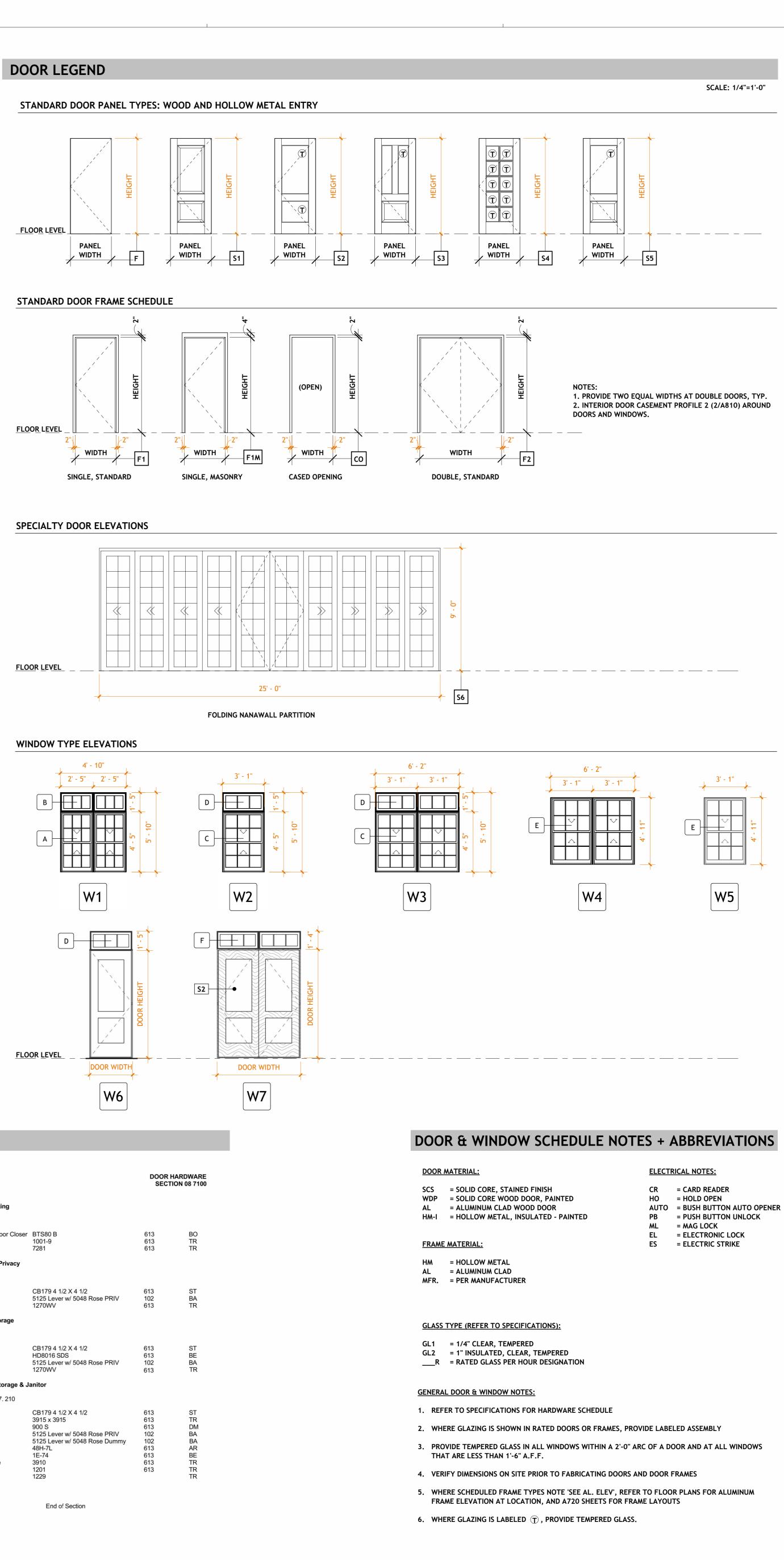
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ENGLISH PUB Little Rock, AR	DOOR HARDWARE SECTION 08 7100	ENGLISH PUB Little Rock, AR			ARDWARE ON 08 7100	ENGLISH PUB Little Rock, AR			ARDWARE ON 08 7100	ENGLISH PUB Little Rock, AR
	Option List		Hardware Sets			SET #HW-4 – Roof Door				SET #HW-8 – Double Acting
Code	<u>Description</u>	SET #HW-1 – Main Entry								-
C VIN	Quick Connect Wiring System (Best, Precision) Occupancy Indicator (Best)	Doors: 101				Doors: 204A				Door: 112B
LD	Less Dogging (Precision)	D0013. 101				1 Continuous Hinge	661HD FR Dark Bronze		ST	1 Double Acting Floor Clos
CD	Cylinder Dogging (Precision)	2 Continuous Hinge	661 HD Dark Bronze		ST	1 Lockset	5125 Lever w/ 5048 Rose PRIV	102	BA	2 Push Plate
FL	Fire Rated Device (Precision)	1 Flush Bolt	3915 x 3915	613	TR	1 Deadbolt Locks	48H-7WD	613	AR	2 Floor Stop
QEL	Motorized Latch Retraction (Von Duprin)	2 Exit Device	DG1000 D	613	DM	1 Mortise Cylinder	1E-74 PATD	613	BE	
L Mounting	Spanner Back to Back Mounting (Trimco)	2 Pull	AP413 60"	613	TR	1 Mortise Cylinder	1E-74 PATD	613	BE	SET #HW-9 – Restroom Privacy
N Mounting	Spanner Through Bolt Mounting (Trimco)	1 Deadbolt Locks	48H-7WD	613	BE	1 Door Closers 1 Armor Plate	HD8016 SDS	613	BE TR	<b>D</b>
B4E	Beveled 4 Edges – Armor, Kick and Mop Plates (Trimco)	4 Mortise Cylinder 2 Mortise Cylinder	1E-74 PATD 1E-74 PATD	613 613	BE BE	1 Armor Plate 1 Overhead Stop	K0050 40" x 2" LDW B4E CS 900 S	613 613	DM	Doors: 108, 110, 206, 208
CS	Counter Sinking of Armor, Kick and Mop Plates (Trimco)	2 Monuse Cylinder 2 Door Closers	HD8016 SDS	613	BE	1 Gasketing	5050 B x Length Req'd.	013	NA	2 Hingon
SIA SSMS/EA	Abrasive Coating, Threshold (NGP) Stainless Machine Screws/Expansion Anchors (NGP)	1 Dust Proof Strike	3910	613	TR	1 Saddle Threshold	425E DKB 10-24 MS/LA		NA	3 Hinges 1 Lockset
SMS/EA SMS-TEKS	Self-Tapping Machine Screws (NGP)	2 Decal	771	010	TR	1 Door Top Drip	346 D x Door Width		PE	1 Wall Stop
SMS-TERS		1 Saddle Threshold	425E DKB 10-24 MS/LA		NA	1 Door Edge Seal	375_R (MS) D x Door Height		PE	i Wai Otop
		2 Astragal Sweep	18061 NB x 96" D		PE	ç	_ ( )			SET #HW-10 – Office, Storage
		2 Door Sweep	18100_NB x 36" D		PE					, <b>-</b> , <b>-</b>
		2 Stop	1201	613	TR	SET #HW-5 – Covered Seating				Doors: 106C, 111, 209
	List of Manufacturers	1 Gasketing	5050 B x Length Req'd.		NA					
		Note: Provide sign for both do	ors stating "Doors to remain unlocked of	during business hour	'S"	Doors: 201A, 201B				3 Hinges
AD Adams Rite	Storefront Locks					2 Continuous Hings	661 HD Dark Bronze		ST	1 Door Closers
BA Baldwin Hardware BE Best Access Syste		SET #HW-2 – Single Entry				2 Continuous Hinge 1 Flush Bolt	3915 x 3915	613	TR	1 Lockset 1 Stop
DM Dorma USA	Door Position Switches, Concealed DA Closers	Doors: 101B, 107				1 Push	1001-9	613	TR	1 Stop
NA National Guard	Weatherstrip, Thresholds					1 Pull	AP413 60"	613	TR	SET #HW-11 – IT/Elec, Storage 8
PE Pemko	Astragals, Sweeps	1 Continuous Hinge	661HD Dark Bronze		ST	1 Deadbolt Locks	48H-7WD	613	BE	SET #ITW-TT = TT/Elec, Storage 6
PR Precision	Exit Devices	1 Exit Device	DG1000 D	613	DM	1 Mortise Cylinder	1E-74 PATD	613	BE	Doors: 109, 201C, 205, 207. 210
SC Schlage	Wire Harnesses (Allegion)	1 Pull	AP413 60"	613	TR	1 Mortise Cylinder	1E-74 PATD	613	BE	
ST Stanley	Hinges, Closers, Wire Harnesses (Dormakaba)	1 Deadbolt Locks	48H-7WD	613	AR	2 Door Closers	HD8016 SDS	613	BE	6 Hinges
TK Telkee	Key Cabinet	2 Mortise Cylinder	1E-74 PATD	613	BE	1 Dust Proof Strike	3910	613	TR	1 Flush Bolt
TR Trimco	Stops, Flat Goods	1 Mortise Cylinder	1E-74 PATD	613	BE	2 Decal	771		TR	2 Overhead Stop
VO Von Duprin	Hurricane Devices and Accessories	1 Door Closers	HD8016 SDS	613	BE	1 Saddle Threshold	425E DKB 10-24 MS/LA 18061 NB x 96" D		NA PE	1 Lockset
		1 Door Sweep	18100_NB x 36" D 5050 B x Length Req'd.		NA	2 Astragal Sweep 2 Door Sweep	18100 NB x 36" D		PE	1 Dummy Trim
	Finish Codes	1 Gasketing 1 Decal	771		TR	2 Stop	1201	613	TR	1 Deadbolt Locks 1 Mortise Cylinder
Codo	Description	1 Saddle Threshold	425E DKB 10-24 MS/LA		NA	1 Gasketing	5050 B x Length Req'd.	010	NA	1 Dust Proof Strike
<u>Code</u> 003	Bright Brass	1 Stop	1201	613	TR	•	s stating "Doors to remain unlocked du	rina business hou		2 Stop
605	Polished Brass		oors stating "Doors to remain unlocked		ırs"					2 Silencers
613	Oil Rubbed Bronze (Dark Bronze)	5	5	J						
622	Flat Black	SET #HW-3 – Exterior & BOH S	Stair			SET #HW-6 – BOH Stair				
626, 652	Brushed Chrome									
626W	Weatherized Satin Chrome	Doors: 112A, 106B				Doors: 106A, 204B				
628	Anodized Satin Aluminum				o <b>T</b>	2 Hingoo	CD170 4 1/2 X 4 1/2	610	CT.	
630	Satin Stainless Steel	1 Continuous Hinge 1 Exit Device	661HD FR Dark Bronze 9300 Y-L117-08	613	ST DM	3 Hinges 1 Exit Device	CB179 4 1/2 X 4 1/2 9300 Y-L117-22	613 613	ST DM	
689	Painted Aluminum	1 Deadbolt Locks	48H-7WD	613	AR	1 Door Closers	HD8016 SPA	613	BE	
		1 Mortise Cylinder	1E-74 PATD	613	BE	1 Mortise Cylinder	1E-74 PATD	613	BE	
		1 Mortise Cylinder	1E-74 PATD	613	BE	1 Wall Stop	1270WV	613	TR	
		1 Door Closers	HD8016 SDS	613	BE	1 Gasketing	5050 B x Length Req'd.		NA	
		1 Armor Plate	K0050 40" x 2" LDW B4E CS	613	TR	, i i i i i i i i i i i i i i i i i i i				
		1 Stop	1201	613	TR					
		1 Gasketing	5050 B x Length Req'd.		NA					
		1 Saddle Threshold	425E DKB 10-24 MS/LA		NA					
		1 Door Top Drip	346 D x Door Width		PE					

/	UNIT	SCHEDULE

WINDOV	VINDOW UNIT SCHEDULE										
Type Mark	Count	Sill Height	Rough Height	Height	Rough Width	Width	Solar Heat Gain Coefficient	Thermal Resistance (R)	Heat Transfer Coefficient (U)	Comments	
А	8	3' - 6"	4' - 5 3/4"	4' - 5"	2' - 5 3/4"	2' - 5"					
В	8	7' - 11"	1' - 5 3/4"	1' - 5"	2' - 5 3/4"	2' - 5"					
С	9	3' - 6"	4' - 5 3/4"	4' - 5"	3' - 1 3/4"	3' - 1"					
D	11	7' - 11"	1' - 5 3/4"	1' - 5"	3' - 1 3/4"	3' - 1"					
E	15	3' - 1"	4' - 11 3/4"	4' - 11"	3' - 1 3/4"	3' - 1"					
F	2	8' - 0"	1' - 4 3/4"	1' - 4"	3' - 1 3/4"	3' - 1"					

## DOOR LEGEND





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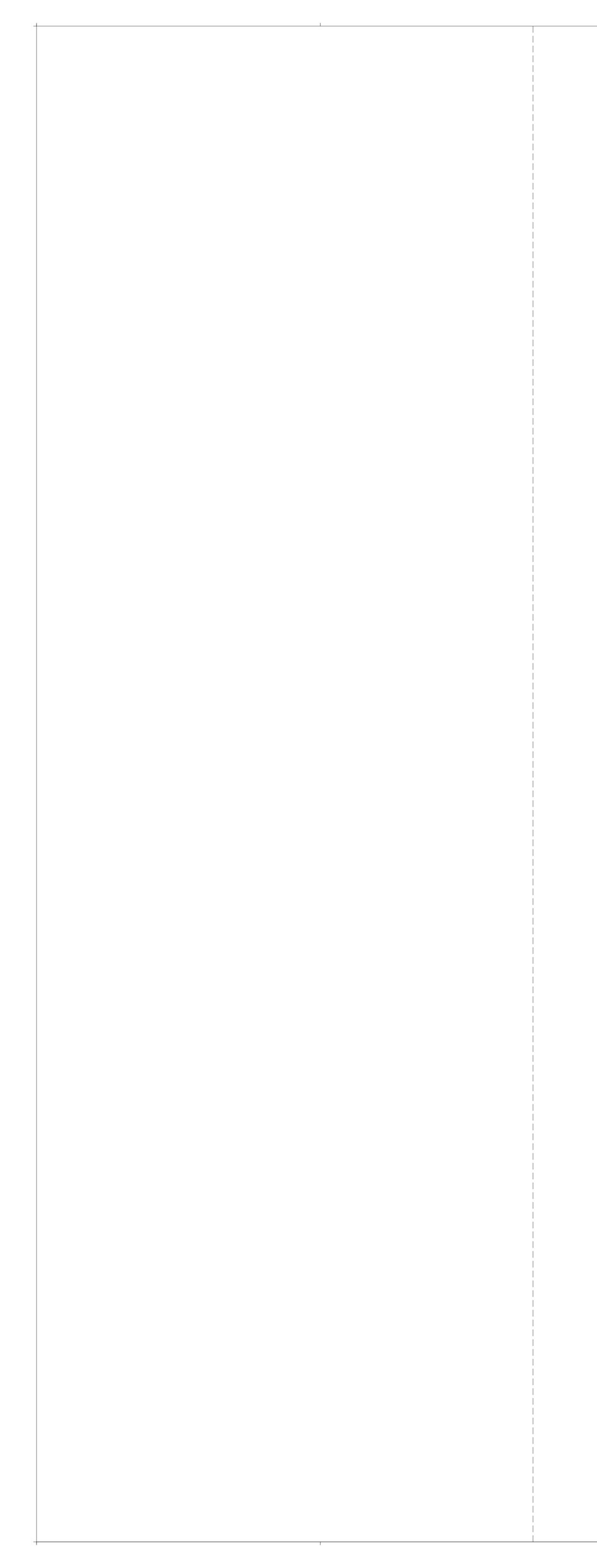
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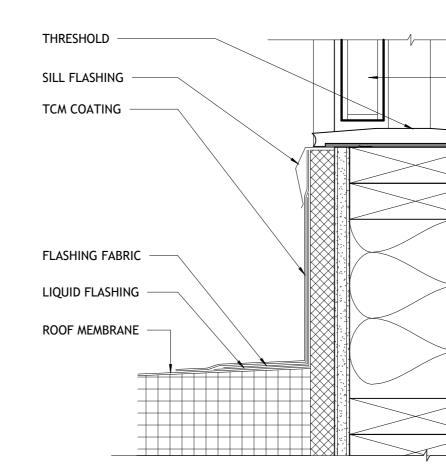


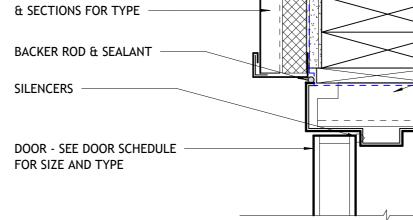


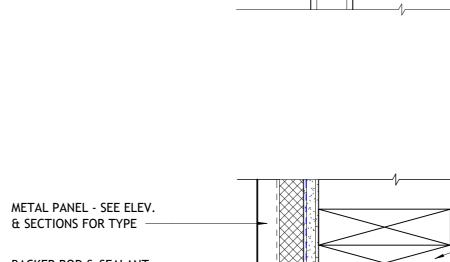
NON-RATED AND 1-HR. CONDITIONS. SEE PARTITION SCHEDULE AND PLAN FOR WALL TYPE.

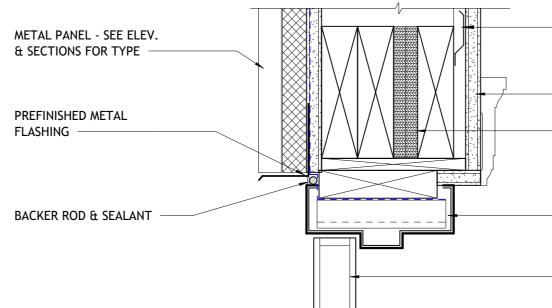


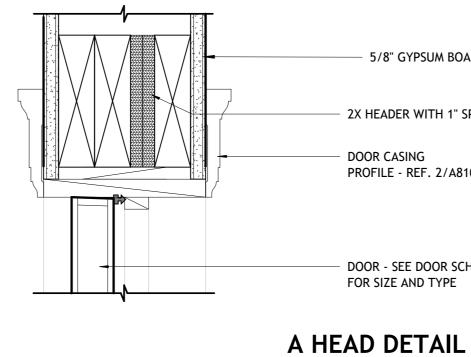












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4 INT. WD FRAME AT 6" STUD

2X HEADER WITH 1" SPACER - DOOR CASING PROFILE - REF. 2/A810

- 5/8" GYPSUM BOARD

- DOOR - SEE DOOR SCHEDULE

FOR SIZE AND TYPE

- 5/8" GYPSUM BOARD

- 2X6 WOOD STUDS

PROFILE - REF. 2/A810

- DOOR - SEE DOOR SCHEDULE

FOR SIZE AND TYPE

- DOOR CASING

- WOOD FRAME

SILENCERS

**B JAMB DETAIL** 

- 5/8" GYPSUM BOARD

1/2" SPACER

- DOOR CASING

- 2X DOUBLE HEADER WITH

PROFILE - REF. 2/A810

- DOOR - SEE DOOR SCHEDULE

FOR SIZE AND TYPE

- 5/8" GYPSUM BOARD

DOOR CASING
 PROFILE - REF. 2/A810

- DOOR - SEE DOOR SCHEDULE

FOR SIZE AND TYPE

A HEAD DETAIL

- 2X4 WOOD STUDS

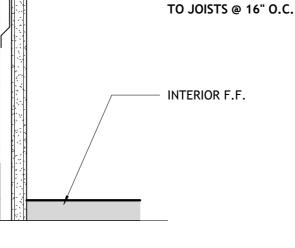
WOOD FRAME

SILENCERS

**B JAMB DETAIL** 

# SEE PLAN AND SCHEDULE FOR FIRE RATING INFORMATION



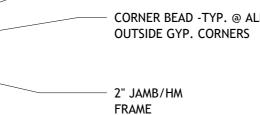




C SILL DETAIL

- DOOR - SEE SCHEDULE

# **B JAMB DETAIL**



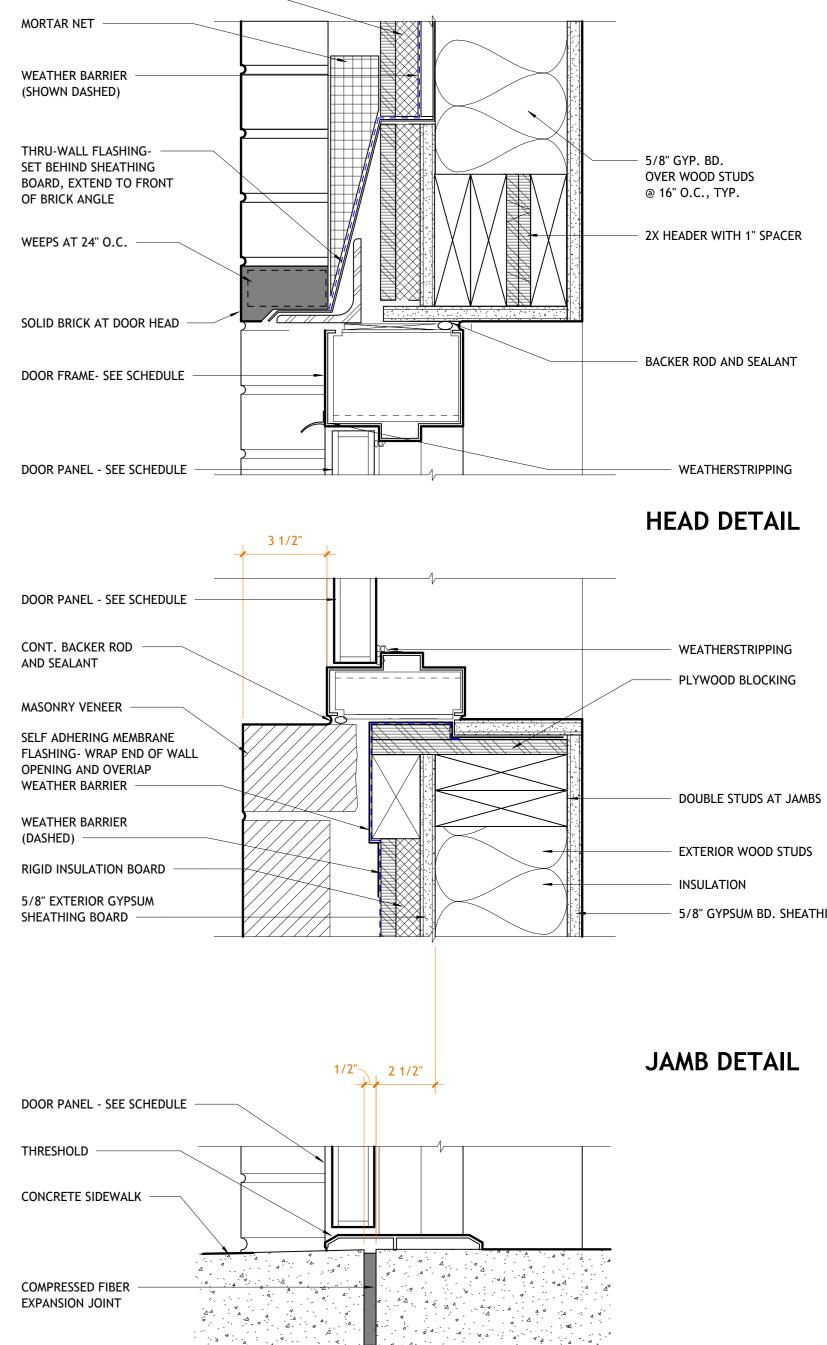
- 5/8" GYP. BD. 2X6 WOOD STUDS METAL JAMB - ANCHORS CORNER BEAD -TYP. @ ALL

# A HEAD DETAIL

- DOOR - SEE DOOR SCHEDULE FOR SIZE AND TYPE

HOLLOW METAL FRAME-- REFER TO FLOOR PLAN FOR WALL TYPE

- 5/8" GYP. BD. - 2X HEADER WITH 1" SPACER RIGID INSULATION BOARD



1 EXT. HM FRAME AT BRICK

# RESILIENT CHANNELS PERP. TO JOISTS @ 16" O.C.



- 5/8" GYPSUM BD. SHEATHING



801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

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01.31.2025

PSW Job Number: 1001B

ENGLISH PUB

REVISIONS

NUMBER DATE DESCRIPTION

-----Contents:

DOOR DETAILS

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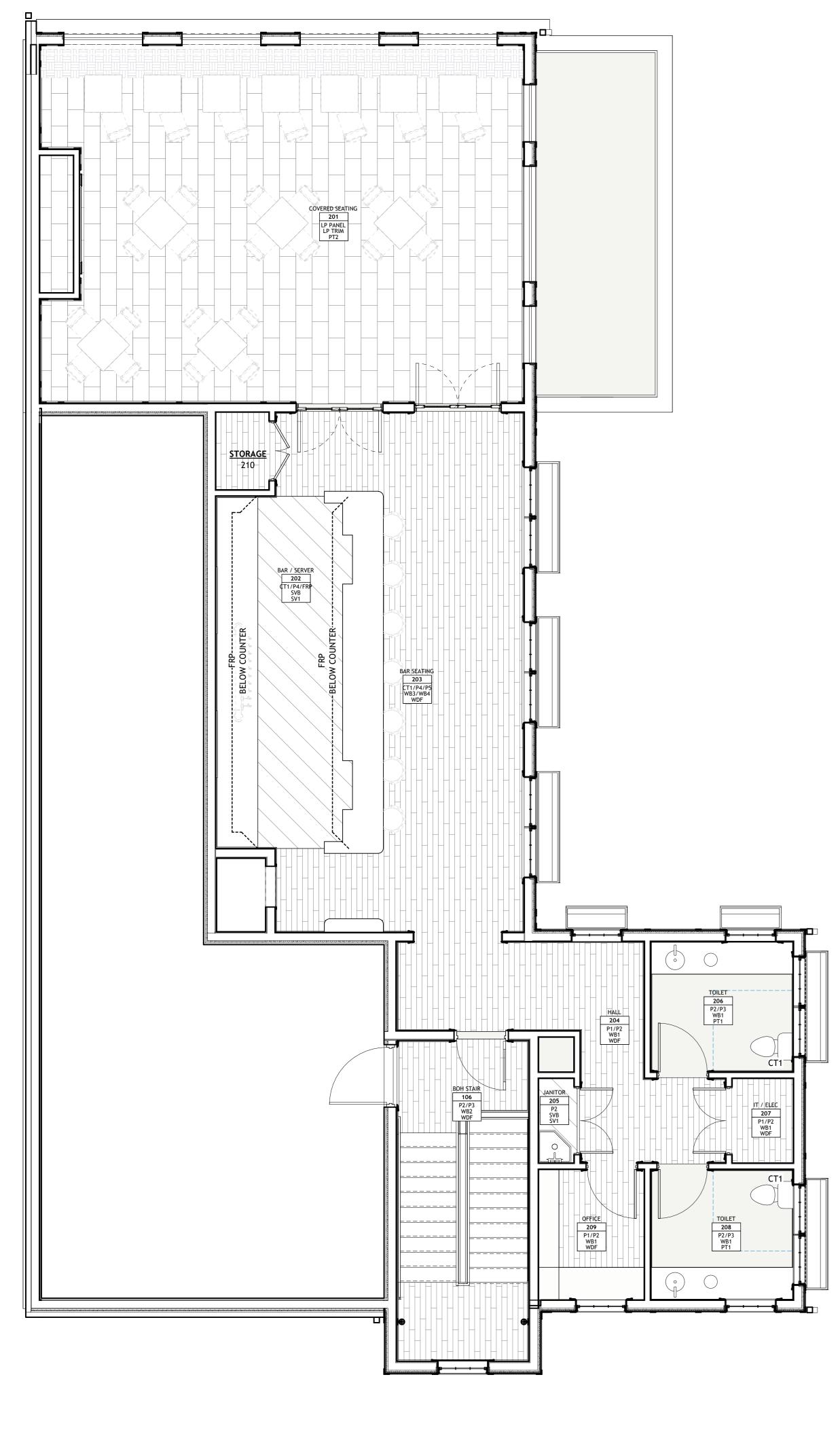
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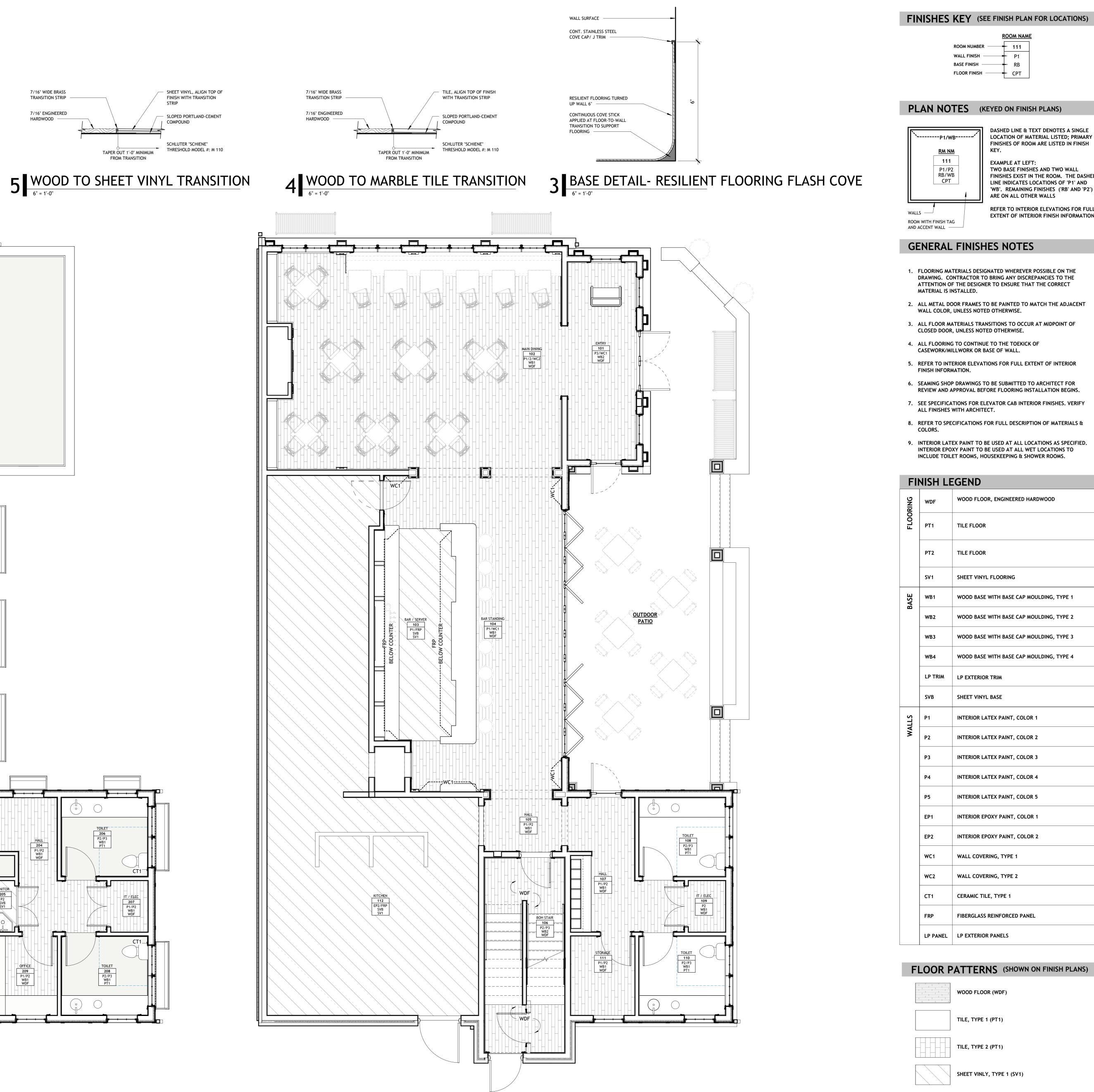
Little Rock, Arkansas

7/16" WIDE BRASS TRANSITION STRIP 7/16" ENGINEERED HARDWOOD -





2 LEVEL 2 - FINISH PLAN



1 LEVEL 1 - FINISH PLAN

DASHED LINE & TEXT DENOTES A SINGLE LOCATION OF MATERIAL LISTED; PRIMARY FINISHES OF ROOM ARE LISTED IN FINISH

TWO BASE FINISHES AND TWO WALL FINISHES EXIST IN THE ROOM. THE DASHED LINE INDICATES LOCATIONS OF 'P1' AND 'WB'. REMAINING FINISHES ('RB' AND 'P2')

**REFER TO INTERIOR ELEVATIONS FOR FULL** EXTENT OF INTERIOR FINISH INFORMATION.



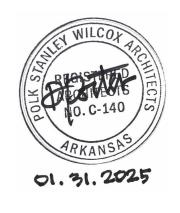
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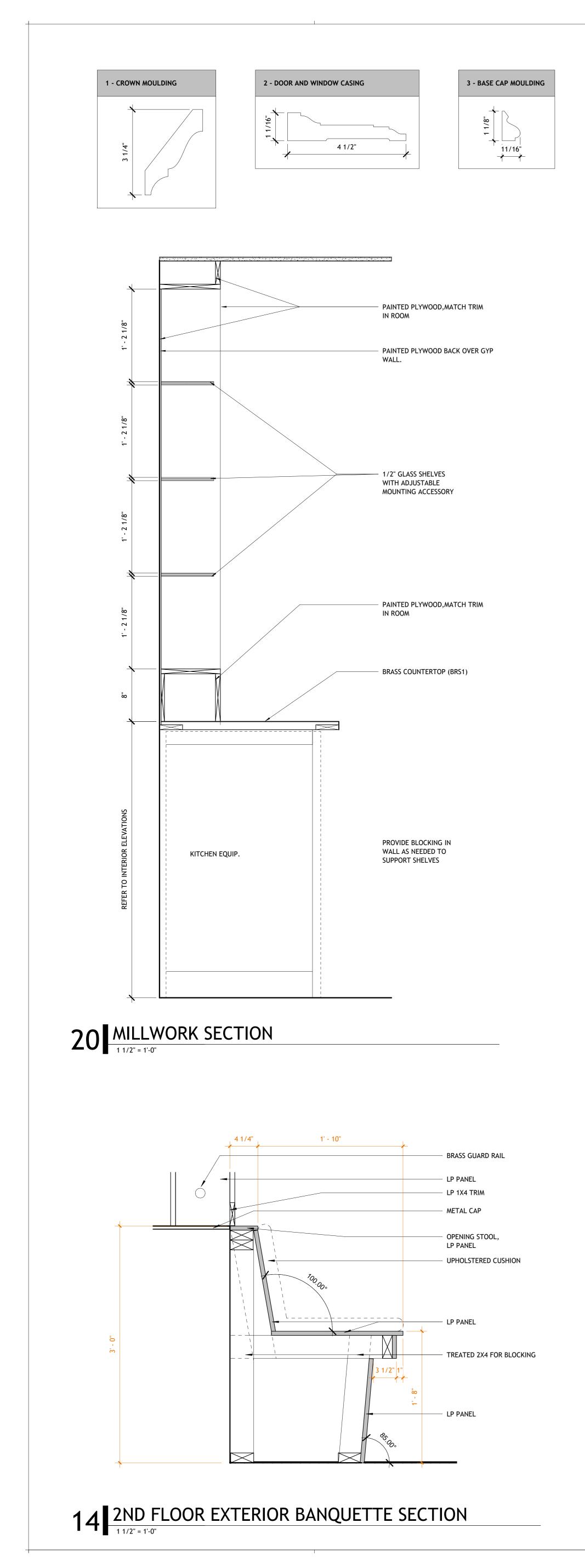
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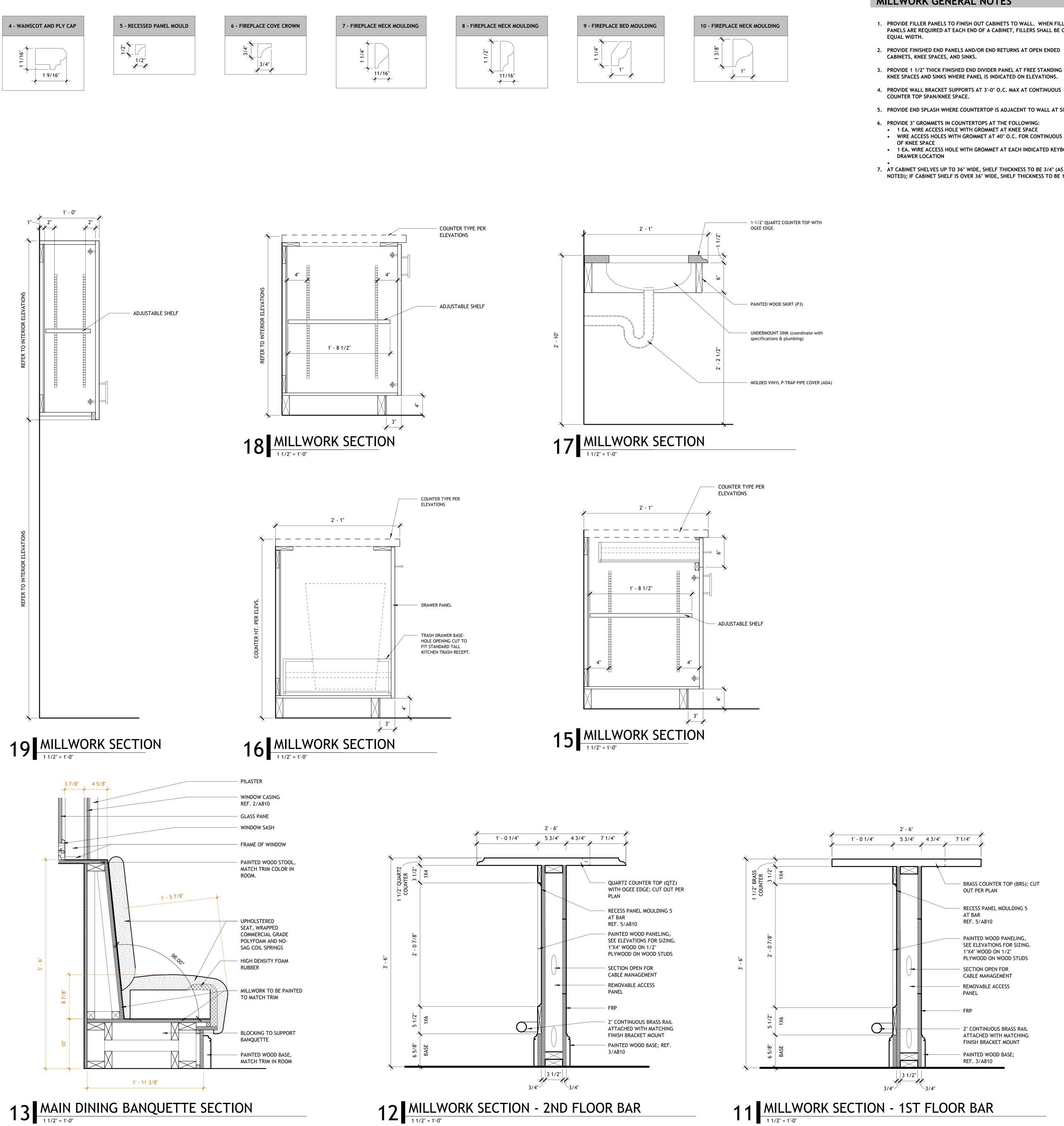
REVISIONS

NUMBER DATE DESCRIPTION

Contents: FINISH PLANS







# MILLWORK GENERAL NOTES

- 1. PROVIDE FILLER PANELS TO FINISH OUT CABINETS TO WALL. WHEN FILLER PANELS ARE REQUIRED AT EACH END OF A CABINET, FILLERS SHALL BE OF
- 3. PROVIDE 1 1/2" THICK FINISHED END DIVIDER PANEL AT FREE STANDING END OF

- 5. PROVIDE END SPLASH WHERE COUNTERTOP IS ADJACENT TO WALL AT SIDE(S).
- 6. PROVIDE 3" GROMMETS IN COUNTERTOPS AT THE FOLLOWING: • 1 EA. WIRE ACCESS HOLE WITH GROMMET AT KNEE SPACE
- WIRE ACCESS HOLES WITH GROMMET AT 40" O.C. FOR CONTINUOUS RUNS
- 1 EA. WIRE ACCESS HOLE WITH GROMMET AT EACH INDICATED KEYBOARD
- 7. AT CABINET SHELVES UP TO 36" WIDE, SHELF THICKNESS TO BE 3/4" (AS NOTED); IF CABINET SHELF IS OVER 36" WIDE, SHELF THICKNESS TO BE 1".



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Contents: INTERIOR DETAILS AND MILLWORK SECTIONS

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Foodservice	Sheet Index

Sheet Number	Sheet Name
KO.O	General Notes, Legends, Sheet Index
KO. I	Equipment Schedule
K1.0	Equipment Plan
K2.0	Electrical Plan
КЗ.О	Plumbing Plan
K4.0	Waste Plan
K5.0	Special Conditions Plan
KG.O	Elevations
K7.0	Isometric Views
K7.I	Isometric Views
K8.0	Stainless Drawings
K8.1	Stainless Drawings

## **Foodservice Sheet Index** N.T.S.

- ALL FOODSERVICE EQUIPMENT AND INSTALLATION SHALL COMPLY WITH THE CURRENT EDITION OF CODES, RULES AND REGULATIONS OF THE GOVERNING HEALTH DEPARTMENT AUTHORITIES AND BE MANUFACTURED IN STRICT COMPLIANCE WITH AND, IF APPLICABLE, BEAR THE SEAL OF UL, NEMA, ASME, NSF, ETL, AGA, OSHA AND NFPA.
- CEILING AND WALL SURFACES ADJACENT TO OR ABOVE ANY FOOD PREPARATION AREA, INCLUDING KITCHEN, DISHWASHING AND SERVING AREAS, SHALL BE SMOOTH, EASILY CLEANABLE AND LIGHT IN COLOR. ANY MATERIALS NOT CLEARLY CONSISTENT WITH THIS REQUIREMENT SHOULD BE SUBMITTED TO THE LOCAL HEALTH JURISDICTION FOR PRIOR APPROVAL OF USE. LAY IN CEILING TILE MUST BE NON-POROUS AND NON-FISSURED PANELS ONLY. A CORROSION RESISTANT SUSPENSION SYSTEM IS RECOMMENDED.
- CONSTRUCT PARTITION WALLS BETWEEN KITCHEN AREAS AND PUBLIC AREAS FOR 3 MAXIMUM SOUND CONTROL.
- FLOORS IN FOOD PREPARATION, FOOD STORAGE, UTENSIL WASHING AND JANITORIAL AREAS SHALL MEET HEALTH DEPARTMENT REQUIREMENTS AND SHALL HAVE COVED BASE.
- THERE SHALL BE A MINIMUM 50 FOOT-CANDLES OF LIGHT ON ALL WORKING 5 SURFACES AND EQUIPMENT IN FOOD PREPARATION AND UTENSIL WASHING AREAS: INCLUDING WORK SURFACES OF EQUIPMENT LOCATED UNDER EXHAUST HOODS. WALK-IN COOLER/FREEZERS AND DRY STORAGE ROOMS TO HAVE A MINIMUM OF 20 FOOT CANDLE POWER.
- LAMP GUARDS OR SLEEVES, SOLID PLASTIC LENSES OR APPROVED COATED BULBS SHALL BE USED ON ALL LIGHTING IN EQUIPMENT OR OVER FOOD CONTACT AREAS.
- BACKSPLASHES ON EQUIPMENT SHALL BE SEALED TO WALLS WITH SILICONE SEALANT IN A NEAT WORKMANLIKE MANNER. SEALANT MUST BE APPROVED BY THE NATIONAL SANITATION FOUNDATION (NSF).
- SPACE BETWEEN ALL EQUIPMENT AND WALL, CEILING, FLOORS AND ADJOINING UNITS NOT PORTABLE AND HAVING ENCLOSED BODIES SHALL BE COMPLETELY SEALED AGAINST ENTRANCE OF FOOD PARTICLES OR VERMIN BY MEANS OF SILICONE SEALANT OR TRIM STRIPS.
- EQUIPMENT PLACED ON TABLES AND COUNTERS SHALL BE READILY MOVABLE, 9 COMPLETELY SEALED TO WORK SURFACE, OR MOUNTED ON LEGS NO LESS THAN 4 INCHES IN HEIGHT IF EQUIPMENT WEIGHS MORE THAN 75 POUNDS.
- IO. ALL FLOOR MOUNTED EQUIPMENT SHALL BE INSTALLED ON EITHER A MINIMUM OF 6 INCH HIGH STAINLESS STEEL LEGS WITH ADJUSTABLE SANITARY FEET, MOUNTED ON CASTERS, OR RESTING ON 6 INCH HIGH RAISED CURBS.
- II. DISHWASHERS, WHERE APPLICABLE, SHALL BE DESIGNED WITH A HIGH TEMPERATURE FINAL RINSE OF 180°F AND WASH CYCLE TEMPERATURES OF 160°F. 12. ALL REFRIGERATION EQUIPMENT SHALL HAVE THERMOMETERS WHICH ARE EASILY
- READABLE, IN PROPER WORKING CONDITION, AND ACCURATE WITHIN A RANGE OF PLUS OR MINUS 2°. 13. VACUUM BREAKERS, WHEN REQUIRED, SHALL BE A MINIMUM OF 6 INCHES ABOVE
- THE FLOOD LEVEL RIM WITH NO SHUT OFF DEVICES BEYOND THE DISCHARGE OF THE VACUUM BREAKER.
- 14. HANDWASHING FACILITIES ARE REQUIRED FOR FOOD PREPARATION, SERVING AND UTENSIL WASHING AREAS AND WILL BE SHOWN ON THE FOODSERVICE EQUIPMENT PLANS.
- 15. NEW EXHAUST HOODS SHALL BE CONSTRUCTED TO MEET THE LOCAL BUILDING CODES AND MEET THE FOLLOWING STANDARDS: NSF, UL AND NFPA-96. NEW HOODS ARE TO BEAR UL CLASSIFIED LABEL WITHOUT DAMPERS IN EXHAUST VENT COLLARS. HOODS SHALL BE DESIGNED WITH A MINIMUM OF 6 INCH OVERHANG AT ALL EXPOSED COOKING AREAS.
- I.G. THE EXHAUST HOODS AND EXHAUST DUCT SYSTEMS SHALL BE PROVIDED WITH AN AUTOMATIC FIRE EXTINGUISHING SYSTEM. THE FIRE SUPPRESSION SYSTEM SHALL BE ENGINEERED, SIZED AND INSTALLED IN ACCORDANCE WITH UL 300, NFPA AND BUILDING CODES.

- GENERAL CONTRACTOR WALLS, & FLOORS FOR CODES AND IN ACCORE TO PROVIDE OF ALL HC JACKS.) GENERAL CONT ENCLOSURES, WRAPPIN CODES. GENERAL CONT WARRANTY AGENT OF F 2. WHERE NOISE AND/OR
- DISPOSER, ETC. IS LOC AREAS, PROVISIONS SH STUD" AND SOUND PRO
- 3. OF CANTILEVER BRACK SPECIFIED, THE BRACK INSTALLED BY GENERAL DIMENSIONS PROVIDED
- 4. KATOM RESTAURANT S INDICATING OUTLET LOC RELIEVE THE GENERAL ( OR COMPLYING WITH AI FOR ALL OTHER REQUIR
- 5. IT IS THE RESPONSIBIL TO INFORM KATOM RES AND ADDENDUM'S TO CONSTRUCTION. KATOM FOR EQUIPMENT DEVIAT INFORMATION. THE OW FAILURE TO FIVE KATON 6. LAST DATED REVISIONS
- 7. GENERAL CONTRACTOR BARRIERS, AND BUILT-
- 8. WEARING FLOOR FINISH GENERAL CONTRACTOR SUPPLY INC. AND/OR O
- 9. SLEEVES TO BE PROVID FOR LINES (DRAINS, REF LINES ARE RUN.
- 10. GENERAL CONTRACTOR HOODS FOR MOUNTIN CONTRACTOR TO PROV II. GENERAL CONTRACTOR
- ADEQUATELY PROTECT 12. REMOVAL OF WINDOW POSTS FOR ENTRY OF
- CONTRACTOR AND AT 13. GENERAL CONTRACTOR SPECIFIED BY KATOM R
- 14. ALL DIMENSIONS SHOW AND/OR COLUMNS TO MADE FOR MISCELLANI PLUMBING, & THICKNES REQUIRED.
- 15. WHEN EQUIPMENT IS NO REQUIREMENTS SHOULI PLATE. IF EXISTING EQU ACCORDANCE WITH AP IG. WHERE INDICATED TO C
- CONTRACTOR SHALL ST ROUGH-IN PLAN, CAP TH IS IN PLACE. 17. GENERAL CONTRACTOR
- UNLESS OTHERWISE NC 18. GENERAL CONTRACTOR KITCHEN CLASS K MOD

## **3** General Contractor Note N.T.S.

- FOOD SERVICE EQUIPM COMPLIANCE WITH APPI
- 2. ALL WALLS, CEILINGS, A AREAS SHALL BE CONS AND EASILY CLEANABLE
- 3. ARTIFICIAL LIGHTING FIX PROTECTIVE SHIELDING SURFACES AND A MININ WORK SURFACES IN FC 4. AREAS OVER WALK-IN (
- TO THE CEILING. 5. POT WASH SINK SHALL A MINIMUM OF 15" X 1 TO BE CONSTRUCTED SEAL. EACH SINK BOW
- 6. ALL POISONOUS OR TO PHYSICALLY SEPARATEI 7. WALK-IN COOLERS AND
- LIGHTING. ADDITIONAL FOOT CANDLES WITHIN
- **4 General Heath Department Notes** N.T.S.

o é ő.

ment Notes	5	Foods	service Abbreviations		
L FIXTURE(S) SUPPLIED SHALL BE SUFFICIENT TO MAINTAIN 50 IN THE COOLER AND/OR FREEZER COMPARTMENTS.		TN W	KITCHEN KILOWATT HOUR	WT	WEIGHT
ND FREEZERS TO BE SUPPLIED WITH ADDITIONAL INTERIOR		ΤΝΙ	CONTRACTOR	WP WT	WEATHER PROOF
ED COMPARTMENTS SPECIFICALLY USED FOR THIS PURPOSE.	K	EC	KITCHEN EQUIPMENT	WL	WALL
TOXIC MATERIALS SHALL BE STORED IN CABINETS OR IN SIMILAR		<u>_</u>		WH	WATER HEATER
WL SHALL HAVE FULLY COVERED ROUNDED CORNERS.	Jt J		JUNCTION BOX JANITOR'S CLOSET	W/ W/O	WITH WITHOUT
15" AND TO MAINTAIN A MINIMUM WATER DEPTH OF 12". SINK D IN COMPLIANCE WITH N.S.F. STANDARD 2 AND BEAR N.S.F.	JA JE	AN 3	JANITOR JUNCTION BOX	W	WITH
LL BE THREE COMPARTMENT, EACH COMPARTMENT TO MEASURE	Г.	<u> </u>		VIF	VERIFY IN FIELD
	IV	V	INDIRECT WASTE	$\lor$	VOLTAGE
I COOLERS/FREEZERS AND HOODS SHALL BE FULLY ENCLOSED		IT	INTERIOR	VERT	VERTICAL
FOOD PREPARATION, WAREWASHING, AND HANDWASH AREAS.		ISUL	INSULATE(ION)	VAC	VACUUM
NG. 50 FOOT CANDLES SHALL BE PROVIDED TO ALL WORK NIMUM OF 30 FOOT CANDLES SHALL BE PROVIDED TO ALL		ICL IST	INCLUDE INSTALL(ATION)	UNK	UNKNOWN
FIXTURES OVER FOOD PREPARATION AREAS SHALL HAVE		۱. ۱ <u>۲</u> ۱		UNFIN	UNFINISHED
LE MATERIALS.			INSIDE DIAMETER	UDS	UTILITY DISTRIBUTION SYSTEM
NSTRUCTED WITH LIGHT-COLORED, SMOOTH, NON-ABSORBENT,					
, AND FLOORS WITHIN FOOD PREPARATION AND WAREWASH	н	W	HOT WATER	TYP	TYPICAL
PLICABLE BUILDING AND HEALTH CODES FOR THIS LOCATION.		. –	AIR CONDITIONING	TV	TELEVISION
PMENT DESIGN, CONSTRUCTION, AND INSTALLATION SHALL BE IN		VAC	HEATING, VENTILATING \$	TOW	TOP OF WALK-IN
	, п   Н		HORSEPOWER	TOH	TOP OF HOOD
	н	GT	HEIGHT	TEL	TELEPHONE
otes	G	ΓIVI	GALLUND FEK MINUTE	JUK	JUTTLY
		РМ	INTERRUPTER GALLONS PER MINUTE	SU SUP	STUB UP SUPPLY
	G	FCI	GROUND FAULT CIRCUIT	STP	STATIC PRESSURE
DDEL(S).		C ECI	GENERAL CONTRACTOR	STOR	STORAGE STATIC PRESSURE
OR TO PROVIDE ALL HAND HELD FIRE EXTINGUISHERS. INCLUDING		ALV	GALVANIZED	STL	STEEL
NOTED BY KATOM RESTAURANT SUPPLY INC.		AL	GALLON	STD	STANDARD
DR TO PROVIDE WASTE CONTAINER(S) AT JOB SITE FOR K.E.C.		A	GAUGE	55 CTD	STAINLESS STEEL
	G		GAS	SR	SINGLE RECEPTACLE
THEIR WORK AND MAKE FINAL CONNECTIONS AFTER EQUIPMENT				SQ	SQUARE
STUB-UP INTO VALVE COMPARTMENT AT HEIGHT INDICATED ON	F		FLOOR SINK	SPEC	SPECIFICATION
CONNECT IN OR THROUGH VALVE COMPARTMENT,		URN	FURNITURE	SP	SPECIAL RECEPTACLE
APPLICABLE CODES.	F		FOOT	SHT	SHEET
QUIPMENT IF NOT RELOCATED, RECONNECT AS REQUIRED IN		RZ	FREEZER	SHLVG	SHELVING
NOTED AS EXISTING OR BY VENDOR/OWNER, UTILITY JLD MATCH AS INDICATED ON THE MANUFACTURERS DATA		LSHG LUR	FLASHING FLUORESCENT	SAN SCH	SANITARY SCHEDULE
NOTED AS EVISTING OF BY VENDOR/OMMER LITUITY		LR	FLOOR	GAN	GANITARY
ESS OF FINISHES WHEN FRAMING AND/OR ROUGHING-IN AS		LA	FULL LOAD AMP	RO	ROUGH OPENING
NEOUS OBSTRUCTIONS, STRUCTURES, VENTING, ELECTRICAL,		N.	FINISH(ED)	RM	ROOM ROUCH OPENING
D CENTER LINES OF STUBS OR OUTLETS. ALLOWANCES SHALL BE	FI		FINISHED FLOOR	RI	ROUGH-IN ROOM
DWN ARE MEASURED FROM FINISHED WALLS, FLOORS, CEILINGS,		EC =	FIRE EXTINGUISHER CABINET	RET	RETURN
RESTAURANT SUPPLY INC	FI		FLOOR DRAIN	REQD	REQUIRED
DR TO PROVIDE ALL WALL BACKING PER LOCATION AND				REFG	REFRIGERATOR
T NO EXPENSE TO THE K.E.C.	E E	XT	EXTERIOR	RECP	RECEPTACLE
F EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE GENERAL		ХH	EXHAUST	RCP	REFLECTED CEILING PLAN
W GLASS, WINDOW FRAMES, DOORS, DOOR FRAMES, & CENTER	E		EXISTING	RAD	RADIUS
TED AGAINST FREEZING.		TR V	EXISTING TO REMAIN		
DR TO PROVIDE SPRINKLER HEADS IN WALK-IN BOXES		QPM TP	EQUIPMENT	QUAD	QUAD RECEPTACLE
OVIDE HOOD SUPPORTS.				QTY	QUANTITY OUAD RECEPTACLE
NG OF HOOD SUPPORTS. IF ACCESS IS NOT PROVIDED GENERAL				-	QUARRY TILE
		l LEC	ELEVATION ELECTRICAL	QT	QUARRY TH F
OR TO PROVIDE ACCESS TO HOODS AT AREA ABOVE ABOVE	E E		ELECTRICAL CONTRACTOR ELEVATION		I JUNDU I LA JQUARE INCH
NUMBERVATION, LTC./ TO TADD THROUGH AND REDEAL AFTER			EACH ELECTRICAL CONTRACTOR	PREP PSI	PREPARATION POUNDS PER SQUARE INCH
REFRIGERATION, ETC.) TO PASS THROUGH AND RESEAL AFTER	E	Д	EACH	r nl PREP	PREPARATION
/IDED BY GENERAL CONTRACTOR IN WALLS, FLOORS, & CEILING				PNL	PANEL
OWNER.		WR	DRAWER	PLYWD	PLYWOOD
DR UNLESS OTHERWISE SPECIFIED BY KATOM RESTAURANT		WG	DRAWING	PLUMB	PLUMBING
5H AND COVE BASE IN WALK-IN BOXES TO BE PROVIDED BY		TL	DETAIL	PLAM	PLASTIC LAMINATE
T-IN INSULATED FLOORS (AS SHOWN ON PLANS). IF APPLICABLE.		R	DUPLEX RECEPTACLE	PH	PHASE
DR TO PROVIDE FLOOR RECESSES (FLAT & LEVEL), VAPOR		N	DOWN	PERF	PERFORATE(D)
NS VOID ALL PREVIOUS PLANS.		IV	DIVISION	PC	PLUMBING CONTRACTOR
OM RESTAURANT SUPPLY INC. NOTICES OF SAID CHANGES.		ISP	DISPENSER		
WNER WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY		IM.	DIMENSION	OPP H	OPPOSITE HAND
IATIONS OF SIZE AND/OR UTILITIES FROM LACK OF		IAM	DIAMETER	OPP	OPPOSITE
OM RESTAURANT SUPPLY INC. ASSUMES NO RESPONSIBILITY		FA	DOWN FROM ABOVE	ON. OPNG	OPENING
) THE PLANS WHICH ARE MADE PRIOR TO AND DURING	п	С	DROP CORD	OH.	OVERHEAD
ESTAURANT SUPPLY INC. IN WRITING OF ANY AND ALL CHANGES		••		OFC	OFFICE
ILITY OF THE OWNER, ARCHITECT AND/OR GENERAL CONTRACTOR		W	COLD WATER	OD	OUTSIDE DIAMETER
JIREMENTS AND CODES.		U FT	CUBIC FEET	OC	ON CENTER
ALL APPLICABLE CODES. PLEASE SEE ARCHITECT'S DRAWINGS		ONN	CONNECTION	NIC	NOT TO SCALL
_ CONTRACTOR OR SUBCONTRACTOR OF THE RESPONSIBILITY		MU OL	CONCRETE MASONRY UNIT	NU. NTS	NUMBER NOT TO SCALE
OCATIONS & EQUIPMENT REQUIREMENTS ONLY AND DO NOT		LG NALI	CEILING CONCRETE MASONRY UNIT	NIC NO.	NOT IN CONTRACT NUMBER
ED BY KATOM RESTAURANT SUPPLY INC. AND/OR THE OWNER. SUPPLY INC. PLANS ARE PROVIDED FOR THE SOLE PURPOSE OF		L	CENTER LINE		NOT APPLICABLE
AL CONTRACTOR IN ACCORDANCE WITH SPECIFICATION AND		FM	CUBIC FEET PER MINUTE	ΝΙΛ	
CKETS SHALL BE PROVIDED BY FURNITURE VENDOR BUT		BT	CABINET	MUL	MULLION
CKETS FOR TABLE & STOOL SEATS OR OTHER EQUIPMENT ARE		¢P ¤⊤	CORD AND PLUG	MTL	METAL
ROOF COMMON WALLS.	-	+ <b>D</b>		MTD	MOUNTED
SHOULD BE MADE BY THE GENERAL CONTRACTOR TO "DOUBLE	B	TU	BRITISH THERMAL UNIT	MISC	MISCELLANEOUS
DCATED ADJACENT TO DINNING AREAS AND/OR ANY PUBLIC		ТС	BRANCH TO CONNECTION	MIN	MINIMUM
R VIBRATION PRODUCING EQUIPMENT (DISH MACHINE,	B	LDG	BUILDING	MECH	MECHANICAL
RECORD IS REQUIRED FOR CUTOUTS.				MBTUH	1000 BTU/HOUR
NTRACTOR TO VERIFY WITH BUILDING OWNER IF ROOF			STANDARDS INSTITUTE	MAX	MAXIMUM
PING, ETC. AS MAY BE REQUIRED BY LOCAL FIRE & BUILDING		NSI	AMERICAN NATIONAL		
NTRACTOR TO PROVIDE ALL DUCT FIRE SEPARATION		LUM MP	AMPERE	li LVR	LIGHT
NDANCE WITH DUCT SIZES SPECIFIED. GENERAL CONTRACTOR 10LES (INCLUDING THE "MAPPING-IN" OF FAN CURBS AND ROOF		li LUM	ALTERNATE ALUMINUM	LKR LT	LIGHT
R DUCTS, ETC, IN ACCORDANCE WITH LOCAL FIRE & BUILDING RDANCE WITH DUCT SIZES SPECIFIED. GENERAL CONTRACTOR		rr LT	ABOVE FINISHED FLOOR ALTERNATE	LBS LKR	LOCKER
R DUCTS, ETC, IN ACCORDANCE WITH LOCAL FIRE & BUILDING		DJ FF	ABOVE FINISHED FLOOR	LAIVI	POUNDS
DR TO CUT AND PROVIDE HOLES THROUGH CEILING, ROOFS,	A	DJ	ADJUSTABLE	LAM	LAMINATE
	1				

	Ę	CENTER LINE
	$\land$	REVISION TAG
	x	EQUIPMENT TAG
	x (KX.X)	ELEVATION MARKER
	X	COLUMN GRID
	•	FIELD WIRING TO CONNECTION POINT ON EQUIPMENT
	$\textcircled{0} \leftarrow$	DROP RECEPTACLE ON COARD FROM ABOVE
	<b>—</b>	DUPLEX RECEPTACLE -GFIC
	$\ominus$	DUPLEX RECEPTACLE - GROUND TYPE
	$\ominus$ -	SINGLE RECEPTACLE - GROUND TYPE
	$\bigcirc$	SIMPLEX RECEPTACLE - GROUND TYPE
		ELECTRICAL STUB-UP / CONDUIT
	ſ	DISCONNECT SWITCH
	٢	SPECIAL PURPOSE OUTLET, AS INDICATED, GROUND TYPE
	J	JUNCTION BOX
	H	HW - HOT WATER
	C	CW - COLD WATER
	Ð	GAS - (NATURAL)
	•	DWL - DIRECT WASTE LINE
		FFD - FLOOR DRAIN W/ FUNNEL
		FS/HG - FLOOR SINK W/ HALF GRATE
		FS/FG - FLOOR SINK W/ FULL GRATE
		FS/NG - FLOOR SINK W/ NO GRATE
ĒM		



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Sheet Title: Kitchen Equipment General Notes, Legends, Sheet Index Sheet No:



6 Graphic Symbols

				1											
ItemNo QTY	Category	Equipment Remarks	Voltage	Cycle	Phase	Amps	NEMA	Electrical AFF	Electrical Remarks	CW (in) CW AFF HW (in) HW AFF Gas(in) MBTU	Gas AFF Plumbing Remarks	Waste Tag IW	/ (in) DW (in)	Waste AFF	Waste Remarks
2	PIZZA PREPARATION REFRIGERATOR		115	60	1	4.5	5-15P	+24"							
2	OVERSHELF														
1.1 1	OVERSHELF														
2 2	RANGE, 36", 6 OPEN BURNERS		115	60	1	4.0	5-15P	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13	3/4" 210.0					
3	GRIDDLE, GAS, COUNTERTOP		120	60		2.0	5-15P	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13	3/4" 120.0	+28" B.T.C. ON GRIDDLE VIA GAS MANIFOLD AS REQUIRED				
4	WORKTOP COOK STAND REFRIGERATOR		115	60		1.7	5-15P	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13						
5	GAS FRYER, BATTERY		120	60		6.0	5-15P	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13	I-1/4" 240.0	+28" B.T.C. ON FRYER VIA GAS MANIFOLD AS REQUIRED				
6 2	HEAT LAMP		120	60		5.6	J-BOX	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13						
7	CONVECTION OVEN, ELECTRIC		208	60	3	66.0	J-BOX	+   8"	CONNECT VIA LOAD CENTER ON ITEM #13	/2" +2 "	BRANCH TO 1/4" CONN. ON CONVECTION OVEN AS REQUIRED	FS/HG I -	1/2"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
8 1	WORK TABLE, BAKERS TOP														
8.1 2	SHELVING, WALL MOUNTED	MOUNT PER ELEVATIONS													
9	WORK TABLE, STAINLESS STEEL TOP														
9.1 2	SHELVING, WALL MOUNTED	MOUNT PER ELEVATIONS				2									
10 2			115	60		2	5-15P	+24"							
11 3	HAND SINK		208/240	<u> </u>		20.0	LC 20P	1.4.21		1/2"     +21"     1/2"     +21"	B.T.C. ON HAND SINK AS REQUIRED	DWL	- /2"	+   6"	
12	RAPID COOK OVEN	CUETON	208/240	60		20.0	LG-20P	+42"							
3	CHEF SUITE	CUSTOM	115-208	6		50.0	J-BOX		B.T.C. ON LOAD CENTER						
4	WORK TABLE, 96", STAINLESS STEEL TOP														
4.  2	SHELVING, WALL MOUNTED	MOUNT PER ELEVATIONS	***	***	***	***	***	***		· · · · · · · · · · · · · · · · · · ·					
15 1	DISHWASHER, DOOR TYPE	BY OTHERS	***	***	***	***	***	***	BY OTHERS; VERIFY UTILITES W/ VENDOR		BY OTHERS; VERIFY UTILITES W/ VENDOR				
15.1 1	CONDENSATE DISH HOOD	BY OTHERS	***	***	***	* * *	***	* * *	BY OTHERS; VERIFY UTILITES W/ VENDOR					51000	
16 1	SOILED DISHTABLE									1/2" +21" 1/2" +21"	B.T.C. ON PRE-RINSE FACUET AS REQUIRED	FS/HG I-	1/2"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
16.1	DISHTABLE SORTING SHELF	MOUNT +60" AFF													
7	CLEAN DISHTABLE														
7.	DISHTABLE SORTING SHELF	MOUNT +60" AFF										FCILLO		ELOOP	CONNECT DRAIN LINE & EVELID TO FLOOD ON
	THREE (3) COMPARTMENT SINK									1/2"     +16"     1/2"     +16"	B.T.C. ON PRE-RINSE FACUET AS REQUIRED	FS/HG I-	1/2"	FLOOK	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
18	PRE-RINSE FAUCET ASSEMBLY														
18.1	ADD-A-FAUCET POT RACK	MOUNT +72" AFF													
19 1	ISLAND HOOD	BY OTHERS	***	***	***	***	***	***	BY OTHERS; VERIFY UTILITES W/ VENDOR						
20 1	REACH-IN REFRIGERATOR	DTOTILKS		60		5.4	5-15P	+24"	DT OTTIERS; VERIT OTTEILES W/ VENDOR						
	REFRIGERATED WORK TOP		115												
21 I 21.1 2		MOUNT PER ELEVATIONS	115	60	1	2.2	5-15P	+24"							
	SHELVING, WALL MOUNTED MOP SINK									1/2"         +36"         1/2"         +36"				FLOOP	
22		W/ FAUCET								1/2" +36" 1/2" +36"		DWL	2"	FLOOR	
23 I 24 I	WORK TABLE, STAINLESS STEEL TOP BEVERAGE COUNTER		120	60		15.0	J-BOX	+42"	BRANCH TO 5-15 CONVENIENCE OUTLET IN BACK SPLAS	1 1/2" +21" 1/2" +21"	B.T.C. ON BEVERAGE COUNTER AS REQURIED	FS/HG I-	- 1/2	FLOOP	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
24 1	SHELVING, WALL MOUNTED	MOUNT PER ELEVATIONS	120	60		15.0	J-DOX	T42	DRANCH TO 5-15 CONVENIENCE OUTELT IN DACK SI EAS		D.T.C. ON DEVERAGE COUNTER AS REQUILED	1 3/11G 1-	- 1/2	TLOOK	CONNECT DRAIN LINE & LATEND TO TEOOR SINI
24.1 2	ICE MAKER, CUBE-STYLE	WOUNT I ER ELEVATIONS	115	60	1	11.5	J-BOX	+60"		/2" +2 "	B.T.C. ON ICE MAKER AS REQUIRED	FS/HG 3	3/4"	FLOOP	CONNECT DRAIN LINE & EXTEND TO FLOOR SINK
25	ICE BIN FOR ICE MACHINES		113	80		11.5	J-DOX	160			D.T.C. ON ICE WAREK AS REQUIRED		<i>"</i>	TLOOK	CONNECT DIAIN LINE & EXTEND TO TEOOR SIN
	NUGGET ICE MAKER		115	60	1	15.2	J-BOX	+60"		/2" +2 "	B.T.C. ON ICE MAKER AS REQUIRED	FS/HG 3	3/4"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SINK
26	ICE BIN FOR ICE MACHINES					10.2									
27 2	COFFEE TEA BREWER		120	60		14.0	5-15P	+42"		/2" +2 "	BRANCH TO 1/4" CONN. ON COFFEE TEA BREWER AS REQUIRED				
28	COUNTERTOP WATER DISPENSER														
28.1 1	UNDERCOUNTER CARBONATION CHILLER WATER SYSTEM		115	60		3.2	5-15P	+24"	B.T.C. ON #28 WATER DISPENSER AS REQUIRED	/2" +2 "	BRANCH TO 3/8" CONN. ON CARBONATOR AS REQUIRED				
29	SODA ICE & BEVERAGE DISPENSER, IN-COUNTER	BY OTHERS	***	***	***	***	***	***	BY OTHERS; VERIFY UTILITES W/ VENDOR	· · · · · · · · · · · · · · · · · · ·	BY OTHERS; VERIFY UTILITES W/ VENDOR				
30	BAG IN BOX SYRUP TANK RACK	BY OTHERS	***	***	***	***	***	***	BY OTHERS; VERIFY UTILITES W/ VENDOR	···· ··· ···	BY OTHERS; VERIFY UTILITES W/ VENDOR				
BI 2	GLASS RACK											FS/HG	"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SINI
B2 I	COCKTAIL STATION									1/2" +12" 1/2" +12"	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG	"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B3 I	UNDERBAR TRASH STATION														
B4 I	DRAINBOARD											FS/HG	1"	FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B5 I	GLASSWASHER, UNDERCOUNTER / UNDERBAR		115	60		12.0	J-BOX	+   8"		3/4" + 1 2"	B.T.C. ON GLASSWASHER AS REQUIRED		/2"		CONNECT DRAIN LINE & EXTEND TO FLOOR SINI
BG I	COCKTAIL STATION									1/2" +12" 1/2" +12"	B.T.C. ON FAUCET, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG I-			CONNECT DRAIN LINE & EXTEND TO FLOOR SINI
B7 I	BACK BAR CABINET, REFRIGERATED		115	60	1	2.2	5-15P	+24"							
B8 I	BACK BAR CABINET, REFRIGERATED		115	60	1	2.2	5-15P	+24"							
B9 I	ESPRESSO CAPPUCCINO MACHINE		208-240		1	12.0	6-20P	+48"		1/2" +21"	BRANCH TO 3/8" CONN. ON ESPRESSO MACHINE AS REQUIRED				
BIO I	COFFEE GRINDER		110	60	1	5.0	***	+48"							
1			115	60	1	2.5	5-15P	+24"							
BII I	FREEZER/MUG FROSTER									1/2" +12"	B.T.C. ON GLASS RINSER AS REQUIRED				
BII I BI2 2	FREEZER/MUG FROSTER DRIP TROUGH	CUSTOM				1						FS/HG I-	1/2"		CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
		CUSTOM										· · · ·	1/2	FLOOR	
BI2 2	DRIP TROUGH									1/2" +21"	B.T.C. ON GLASS RINSERS AS REQUIRED		1/2"	-	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12 2 B13 1	DRIP TROUGH DRAFT BEER DISPENSING TOWER	CUSTOM								1/2"     +21"	B.T.C. ON GLASS RINSERS AS REQUIRED	FS/HG I-		FLOOR	
B12     2       B13     1       B14     1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH	CUSTOM								1/2"     +21"       1/2"     +21"       1/2"     +12"	B.T.C. ON GLASS RINSERS AS REQUIRED B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG I - FS/HG	1/2"	FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12     2       B13     1       B14     1       C1     2	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK	CUSTOM										FS/HG I - FS/HG	/2"  "	FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12     2       B13     1       B14     1       C1     2       C2     1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION	CUSTOM										FS/HG     I -       FS/HG     FS/HG	/2"  "	FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12     2       B13     1       B14     1       C1     2       C2     1       C3     1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION	CUSTOM	115	60		12.0	J-BOX	+ 1 8"				FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG	/2"  "  "	FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       I         B14       I         C1       2         C2       I         C3       I         C4       I	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD	CUSTOM	115	60		12.0	J-BOX	+18"		I/2"     I/2"     I/2"     I/2"	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12     2       B13     I       B14     I       C1     2       C2     I       C3     I       C4     I       C5     I	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR	CUSTOM	5	60		12.0	J-BOX	+18"		1/2"     +12"     1/2"     +12"       3/4"     +12"	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       I         B14       I         C1       2         C2       I         C3       I         C4       I         C5       I         C6       I	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION	CUSTOM								1/2"     +12"     1/2"     +12"       3/4"     +12"	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       1         B14       1         C1       2         C2       1         C3       1         C4       1         C5       1         C6       1         C7       1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION BACK BAR CABINET, REFRIGERATED	CUSTOM	115	60		2.2	5-15P	+24"		1/2"     +12"     1/2"     +12"       3/4"     +12"	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       1         B14       1         C1       2         C2       1         C3       1         C4       1         C5       1         C6       1         C7       1         C8       1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION BACK BAR CABINET, REFRIGERATED BACK BAR CABINET, REFRIGERATED	CUSTOM	115	60 60		2.2 2.2	5-15P 5-15P	+24" +24"		$1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $-12^{"}$ $3/4^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED B.T.C. ON FAUCET, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       I         B14       I         C1       2         C2       I         C3       I         C4       I         C5       I         C6       I         C7       I         C8       I         C9       I	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION BACK BAR CABINET, REFRIGERATED BACK BAR CABINET, REFRIGERATED ESPRESSO CAPPUCCINO MACHINE	CUSTOM	5     5 208-240	60 60 60		2.2 2.2 12.0	5-15P 5-15P 6-20P	+24" +24" +48"		$1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $-12^{"}$ $3/4^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED B.T.C. ON FAUCET, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN CONNECT DRAIN LINE & EXTEND TO FLOOR SIN
B12       2         B13       1         B14       1         C1       2         C2       1         C3       1         C4       1         C5       1         C6       1         C7       1         C8       1         C9       1         C10       1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION BACK BAR CABINET, REFRIGERATED BACK BAR CABINET, REFRIGERATED ESPRESSO CAPPUCCINO MACHINE COFFEE GRINDER	CUSTOM	5     5 208-240     0	60 60 60 60		2.2 2.2 12.0 5.0	5-15P 5-15P 6-20P	+24" +24" +48" +48"		$1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $-12^{"}$ $3/4^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED B.T.C. ON FAUCET, DIPPER WELL & GLASS RINSER AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1"       1"       1"       1"       /2"	FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SINK CONNECT DRAIN LINE & EXTEND TO FLOOR SINK CONNECT DRAIN LINE & EXTEND TO FLOOR SINK CONNECT DRAIN LINE & EXTEND TO FLOOR SINK
B12       2         B13       1         B14       1         C1       2         C2       1         C3       1         C4       1         C5       1         C6       1         C7       1         C8       1         C9       1         C10       1         C11       1	DRIP TROUGH DRAFT BEER DISPENSING TOWER DRIP TROUGH GLASS RACK COCKTAIL STATION UNDERBAR TRASH STATION DRAINBOARD GLASSWASHER, UNDERCOUNTER / UNDERBAR COCKTAIL STATION BACK BAR CABINET, REFRIGERATED BACK BAR CABINET, REFRIGERATED ESPRESSO CAPPUCCINO MACHINE COFFEE GRINDER FREEZER/MUG FROSTER	CUSTOM CUSTOM	5     5 208-240     0	60 60 60 60		2.2 2.2 12.0 5.0	5-15P 5-15P 6-20P	+24" +24" +48" +48"		$1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $-12^{"}$ $3/4^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$ $1/2^{"}$ $+12^{"}$ $-12^{"}$	B.T.C. ON FAUCETS, DIPPER WELL & GLASS RINSER AS REQUIRED B.T.C. ON GLASSWASHER AS REQUIRED B.T.C. ON FAUCET, DIPPER WELL & GLASS RINSER AS REQUIRED BRANCH TO 3/8" CONN. ON ESPRESSO MACHINE AS REQUIRED	FS/HG       I -         FS/HG       FS/HG         FS/HG       FS/HG         FS/HG       I	1/2"       1" </td <td>FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR</td> <td>CONNECT DRAIN LINE &amp; EXTEND TO FLOOR SINK CONNECT DRAIN LINE &amp; EXTEND TO FLOOR SINK</td>	FLOOR FLOOR FLOOR FLOOR FLOOR FLOOR	CONNECT DRAIN LINE & EXTEND TO FLOOR SINK CONNECT DRAIN LINE & EXTEND TO FLOOR SINK

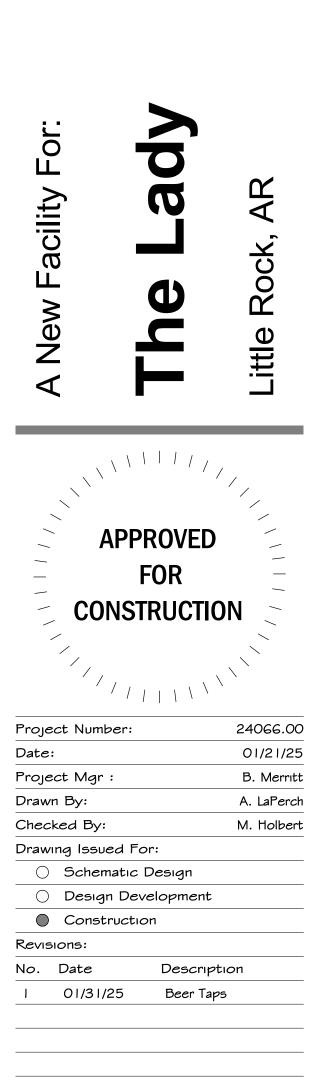
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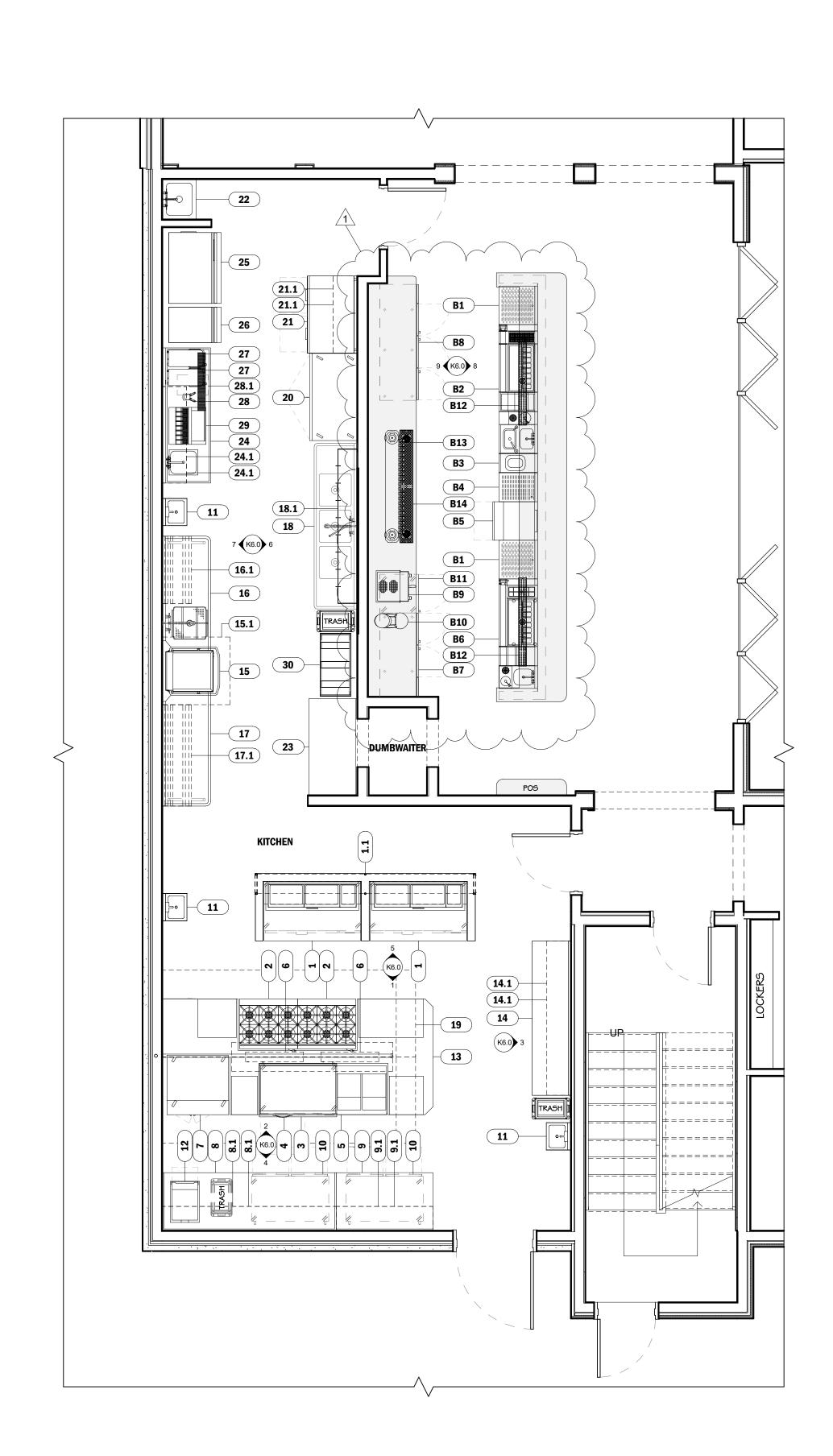
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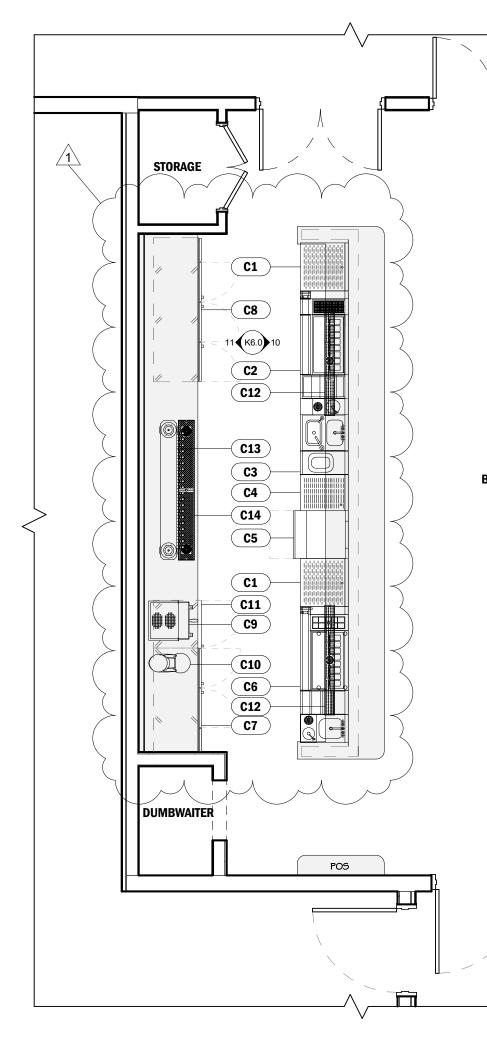


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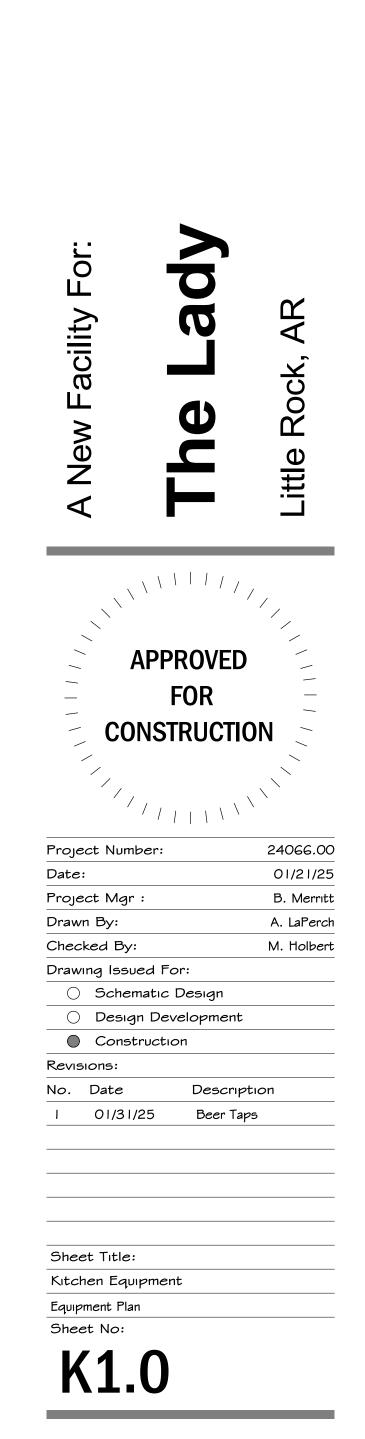
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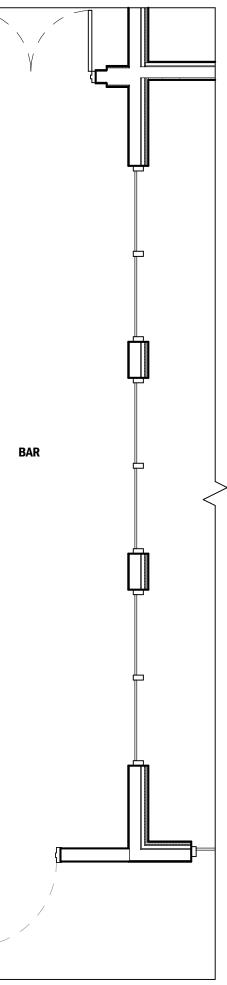






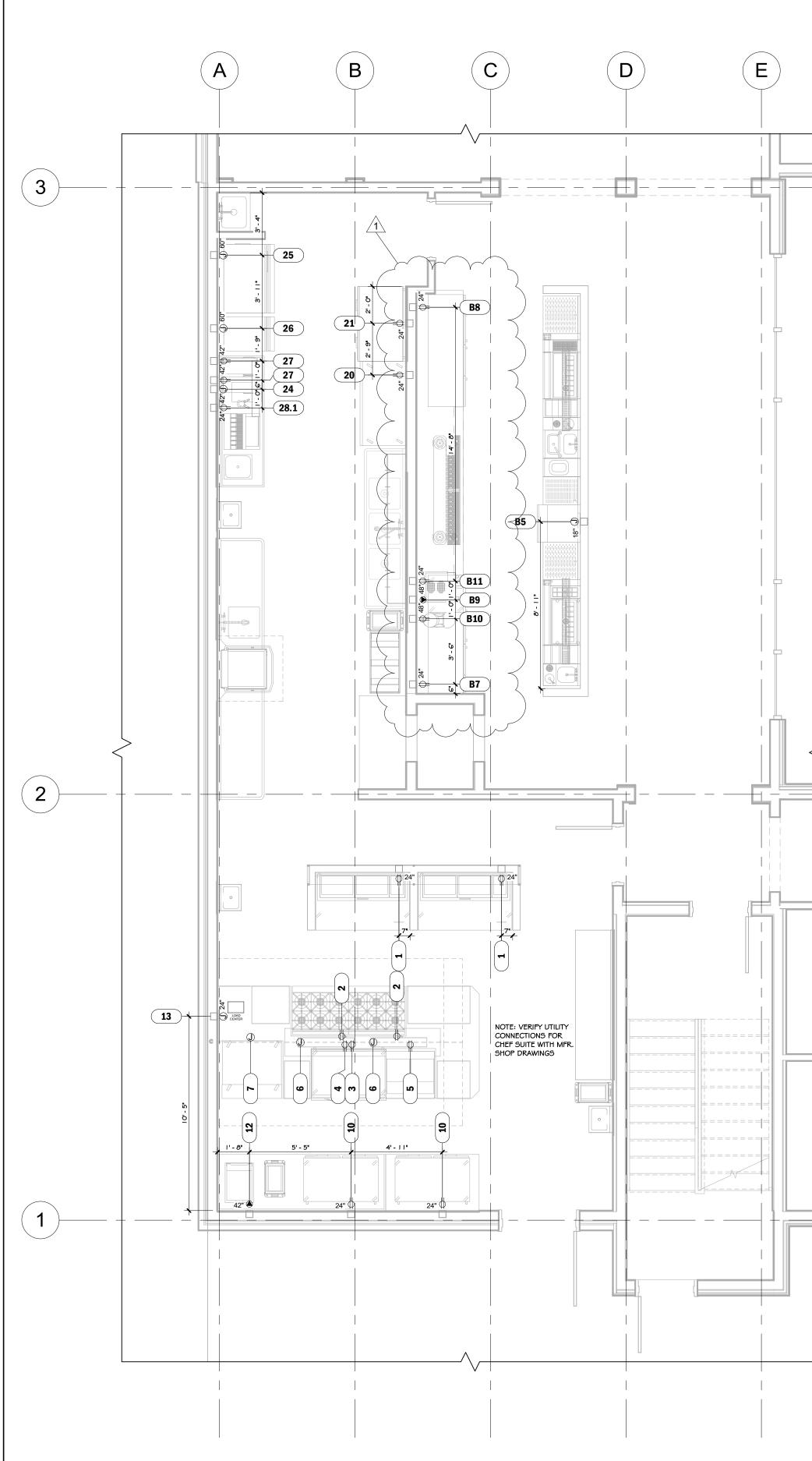
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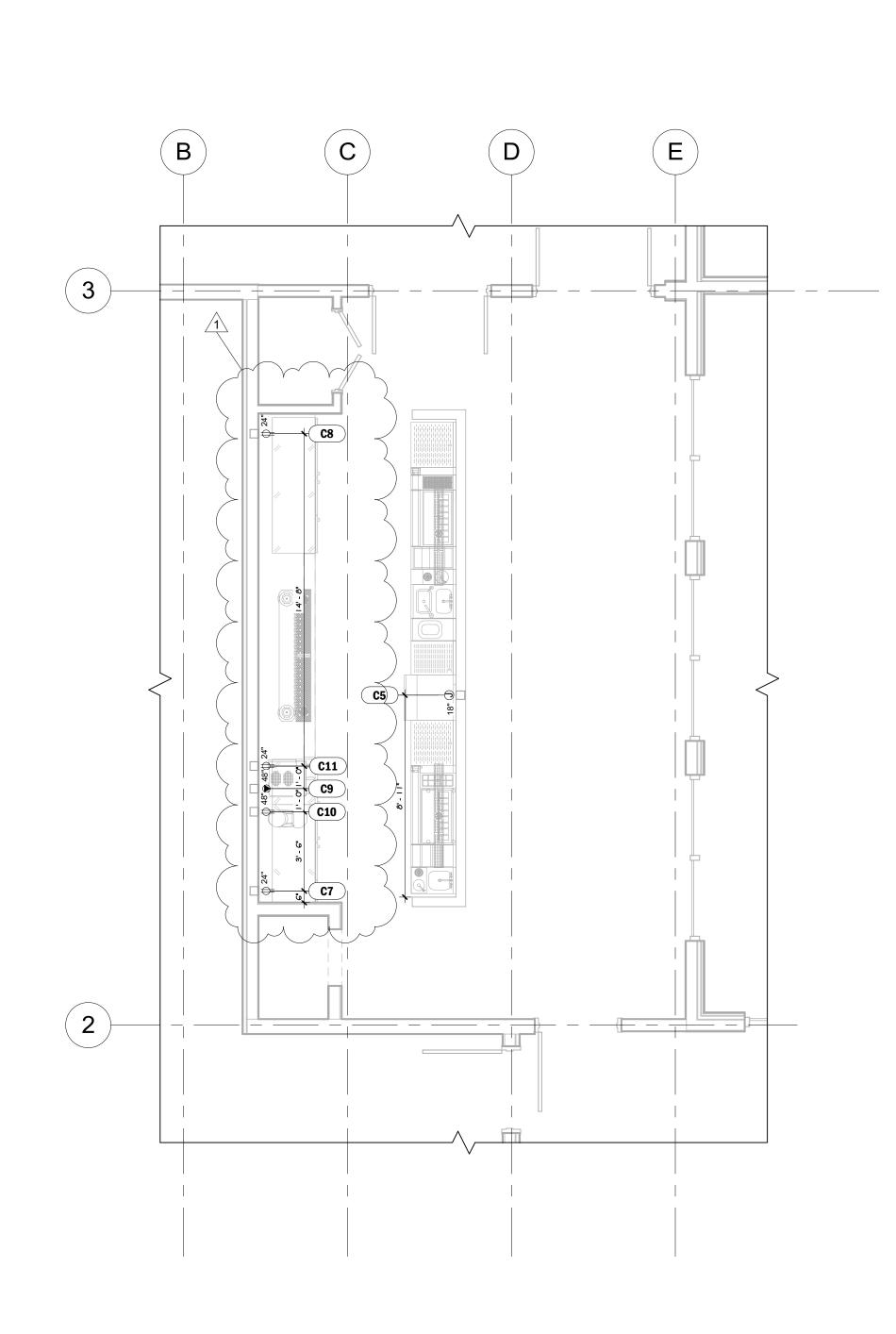


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**Electrical Plan - Level 1** 1/4" = 1'-0"



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•	DROP RECEPTACLE ON COARD FROM ABOVE
$\bigcirc$	DUPLEX RECEPTACLE -GFIC
$\bigcirc$	DUPLEX RECEPTACLE - GROUND TYPE
$\ominus$ -	SINGLE RECEPTACLE - GROUND TYPE
	SIMPLEX RECEPTACLE - GROUND TYPE
	ELECTRICAL STUB-UP / CONDUIT
Г	DISCONNECT SWITCH
	SPECIAL PURPOSE OUTLET, AS INDICATED, GROUND TYPE
J	JUNCTION BOX
-	FIELD WIRING TO CONNECTION POINT ON EQUIPMENT

# **3** Electrical Legend

- I. ALL OUTLETS AND CONNECTIONS SHOWN RELATE TO FOOD SERVICE FIXTURE AND EQUIPMENT ONLY. THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE ELECTRICAL DRAWINGS FOR ANY ADDITIONAL ELECTRICAL REQUIREMENTS. 2. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN OUTLET TYPES, HEIGHTS, LOCATIONS, CONNECTION POSITIONS, AND LOAD REQUIREMENTS. ALL DIMENSIONS SHOWN ARE FROM FINISHED FLOORS AND FINISHED WALLS, OR CENTERLINE OF
- COLUMNS. CONTRACTOR TO VERIFY ALL WALL PARTITIONS WITH ARCHITECTURAL DRAWINGS AND VERIFY ALL SERVICE REQUIREMENTS. MAX HEIGHT OF FLOOR RECEPTACLES IS 5-1/4" AFF. 3.
- WALK-IN COOLERS: RUN ELECTRICAL CONDUIT FOR LIGHT FIXTURES ON INSIDE OF 4. WALK-IN BOXES. USE CONDUIT SEAL-OFFS TO PREVENT HEAT TRANSFER WHERE CONDUIT PENETRATES BOX, TYP.
- ELECTRICAL CONTRACTOR SHALL FURNISH ALL CONDUIT AND CONTROL WIRING, ETC., 5. AS REQUIRED TO MAKE EACH PIECE OF EQUIPMENT FULLY OPERATIONAL. ELECTRICAL CONTRACTOR SHALL FURNISH ALL CONDUIT AND CONTROL WIRING FROM 6. WALK-IN COOLER/FREEZER EVAPORATORS.
- ELECTRICAL CONTRACTOR TO INSTALL CORDS AND PLUGS PROVIDED FOR EQUIPMENT 7. BY FOOD SERVICE EQUIPMENT CONTRACTOR.
- ALL ELECTRICAL DISCONNECTS MUST BE FABRICATED FOR MOIST AND HUMID ENVIRONMENTS.
- REFER TO FOOD SERVICE EQUIPMENT SUPPLIER'S DRAWINGS FOR ALL EQUIPMENT 9. IDENTIFICATION.
- IO. ELECTRICAL CONTRACTOR SHALL ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS.

# Electrical Notes



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## For: ad cility đ ()11 Little Ro New Ē 1 、、、、、・・・・・ APPROVED FOR CONSTRUCTION Project Number: 24066.00 01/21/25 Date: B. Merritt Project Mgr : A. LaPerch Drawn By: Checked By: M. Holbert Drawing Issued For: 🔘 Schematic Design O Design Development Construction Revisions: No. Date Description I 01/31/25 Beer Taps

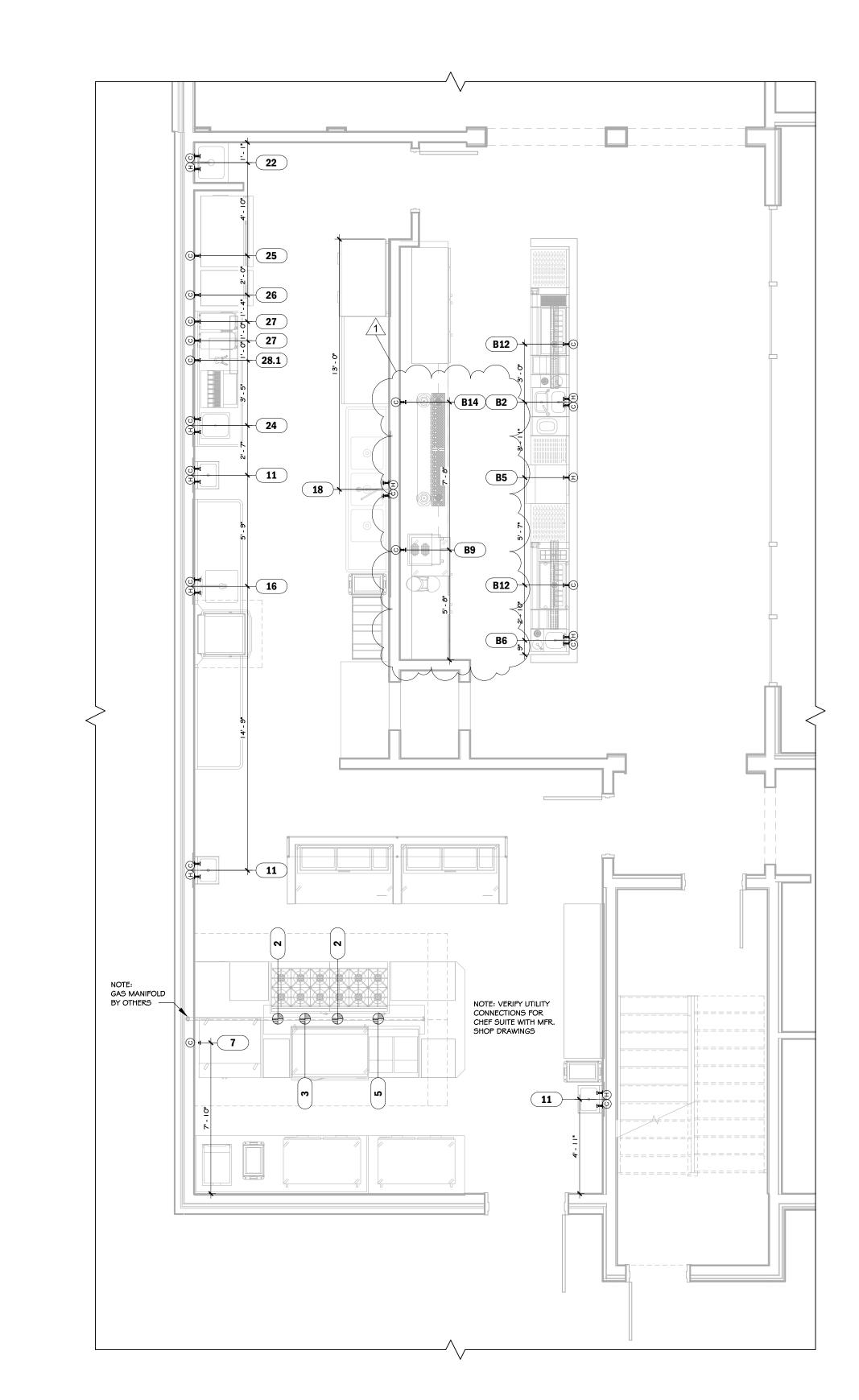
Sheet Title: Kıtchen Equipment Electrical Plan Sheet No:

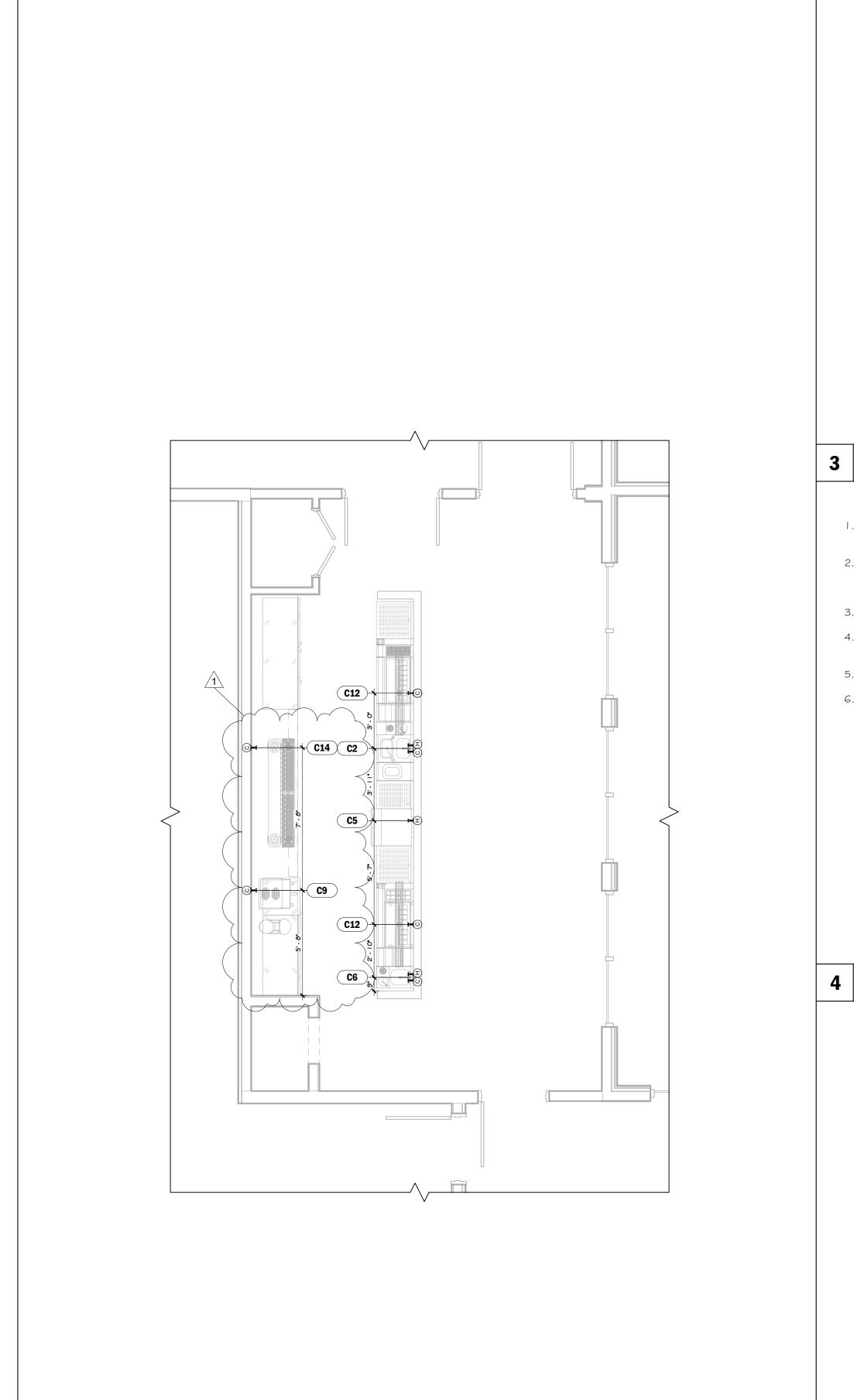


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$(\mathbf{H})$	HW - HOT WATER
C	CW - COLD WATER

GAS - (NATURAL) 

FIELD CONNECTIONS



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# **3 Plumbing Legend** N.T.S.

- I. ALL PLUMBING UTILITIES SHOWN RELATE TO FOOD SERVICE FIXTURES AND EQUIPMENT ONLY. THIS DRAWING MUST BE USED IN CONJUNCTION WITH THE PLUMBING DRAWINGS FOR ANY ADDITIONAL PLUMBING UTILITIES.
- 2. THIS PLUMBING PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION SIZES, POSITIONS, HEIGHT, AND LOAD REQUIREMENTS. DIMENSIONS SHOWN ARE FROM FINISHED FLOORS AND FINISHED WALLS, OR COLUMN CENTER LINES. VERIFY WALL PARTITION LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- 3. PLUMBING CONTRACTOR SHALL ROUGH-IN AND MAKE FINAL CONNECTIONS TO ALL FOOD SERVICE EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS. 4. PLUMBING CONTRACTOR SHALL FURNISH ALL INDIRECT WASTE PIPING, SHUT-OFF VALVES (WATER), PRESSURE REDUCING VALVES, WATER HAMMER ARRESTORS, ETC., AS
- REQUIRED TO MAKE EACH PIECE OF EQUIPMENT FULLY OPERATIONAL. 5. REFER TO FOOD SERVICE EQUIPMENT SUPPLIER'S DRAWINGS FOR ALL EQUIPMENT IDENTIFICATION.
- 6. ALL VACUUM BREAKERS AND CHECK VALVES SHALL BE INSTALLED SUCH THAT THEY CAN BE VISUALLY INSPECTED BY LOCAL HEALTH DEPARTMENT REPRESENTATIVE.

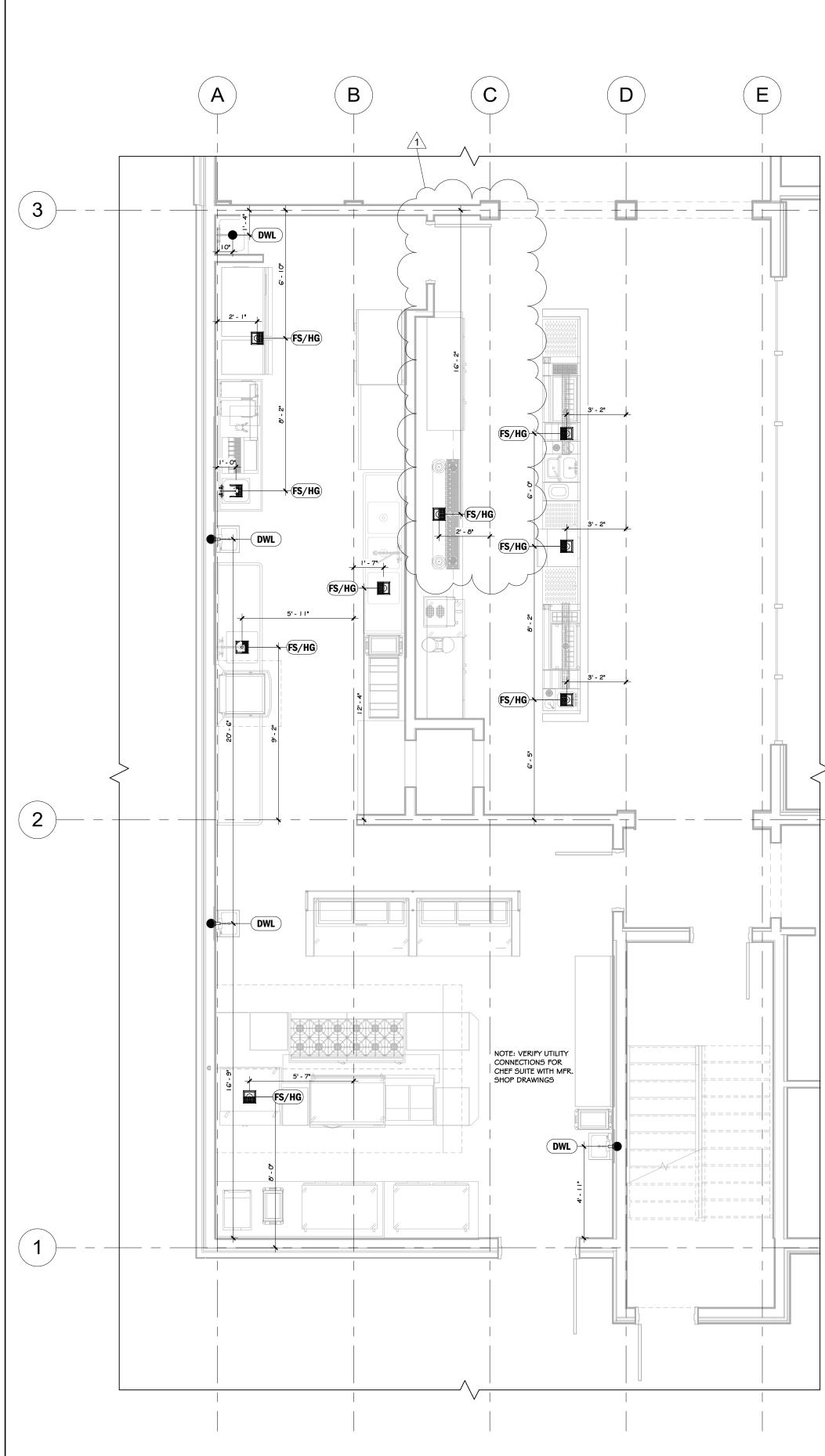
# 4 Plumbing Notes

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Date:		01/21/25
Project Mgr :		B. Merritt
Drawn By:		A. LaPerch
Checked By:	- Een	M. Holbert
Drawing Issued	tic Design	
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Revisions:		
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Plumbing Plan		
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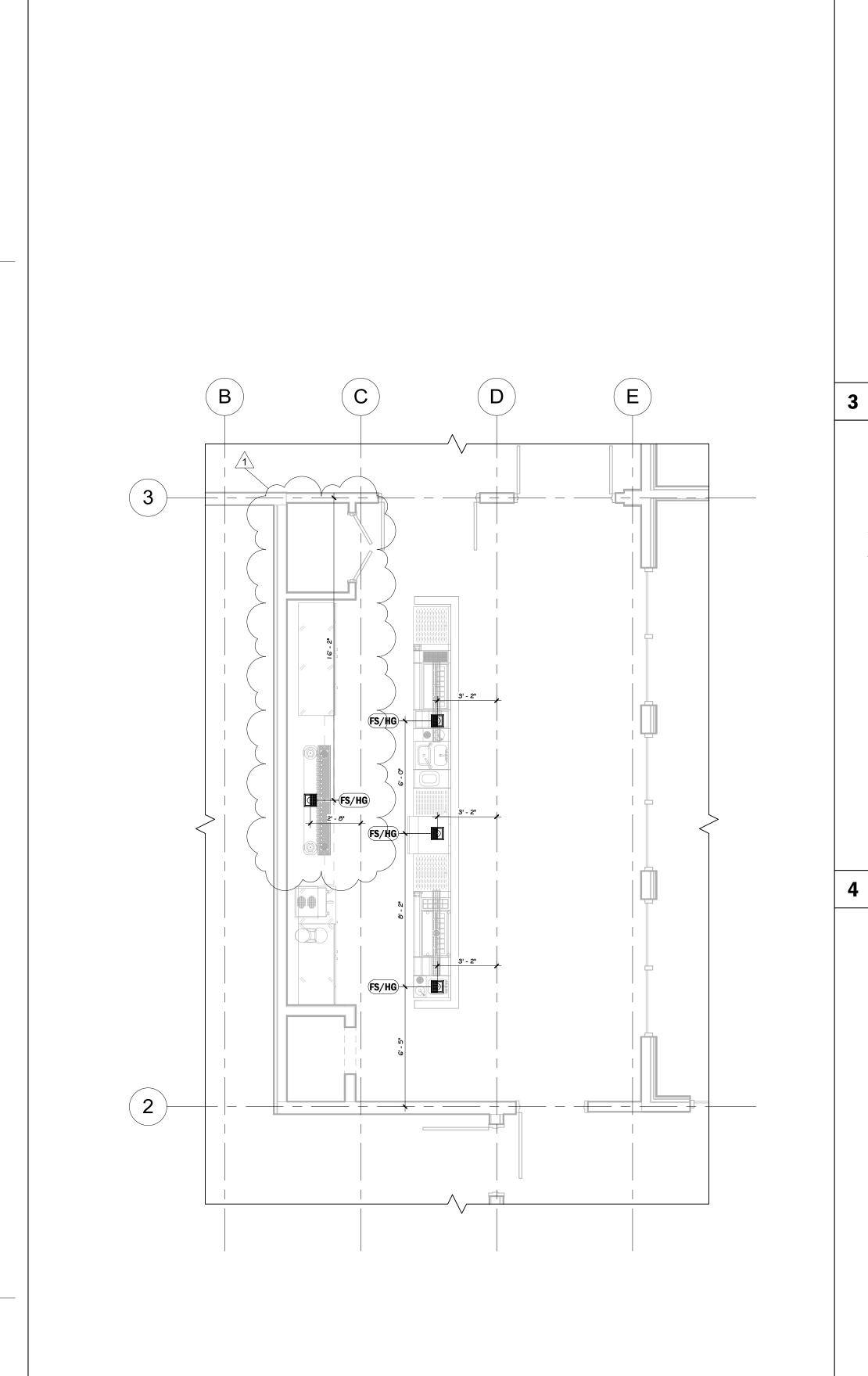


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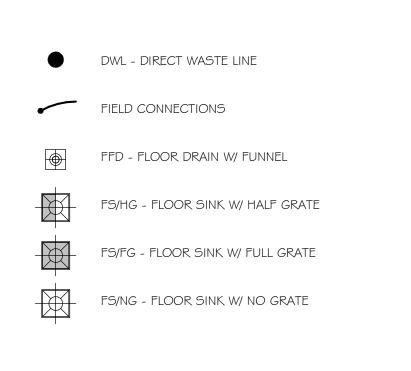
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Waste Plan - Level 1 1/4" = 1'-0" 1



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# **3** Waste Legend

- I. ALL DRAINS DEDICATED FOR EQUIPMENT, INCLUDING FLOOR TROUGHS, MUST BE FLUSH WITH PLANE OF SURROUNDING FLOOR.
- 2. GENERAL PURPOSE FLOOR DRAINS, INCLUDING FLOOR TROUGHS, IN AREAS OF HIGH TRAFFIC MUST BE FLUSH WITH PLANE OF SURROUNDING FLOOR.
- ALL FLOOR DRAINS AND FLOOR SINKS TO BE LOCATED BY A LICENSED PLUMBING З. ENGINEER. FLOOR DRAIN LOCATIONS ON THIS PLAN ARE APPROXIMATE. 4. DRAIN LINES ARE BY THE PC. PC TO MANIFOLD MULTIPLE WASTE CONNECTIONS AND EXTEND SAFE WASTE OR DIRECT CONNECTIONS AS REQUIRED. IT IS HIGHLY RECOMMENDED THAT THE FIRST 20 FEET OF ALL DRAINS ARE MADE OF CAST IRON. HIGHT TEMP DRAIN WATER CAN DAMAGE PVC PIPES AND DISSOLVE JOINT ADHESIVE. 5. CONDENSATE DRAIN LINE FROM EVAP. COILS TO WALK-IN BOX IS BY THE PC, AND SHOULD BE INSTALLED WITH A SLOPE OF 1/4" PER LINEAR FOOT OF PIPING.

# 4 Waste Notes N.T.S.



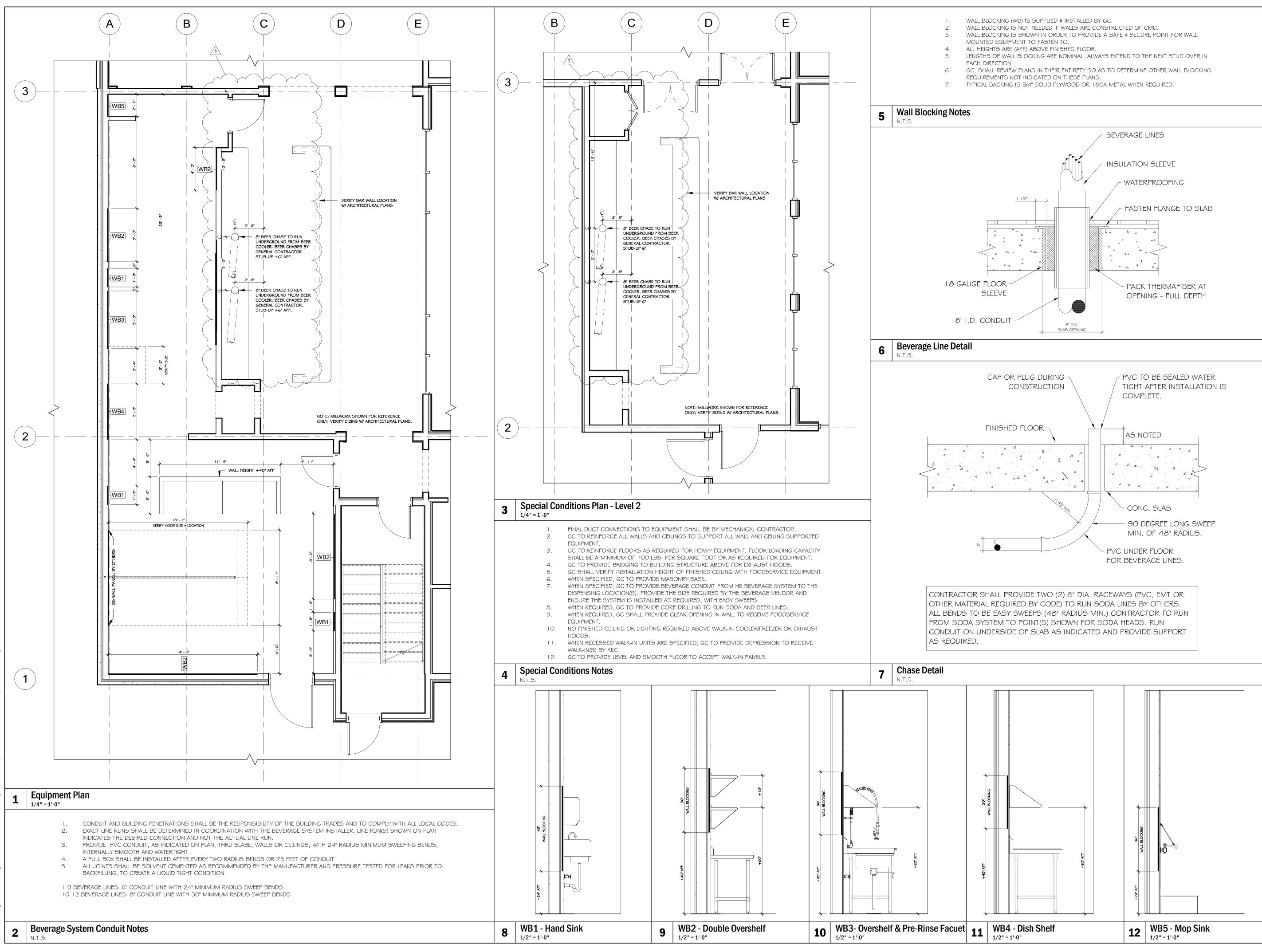
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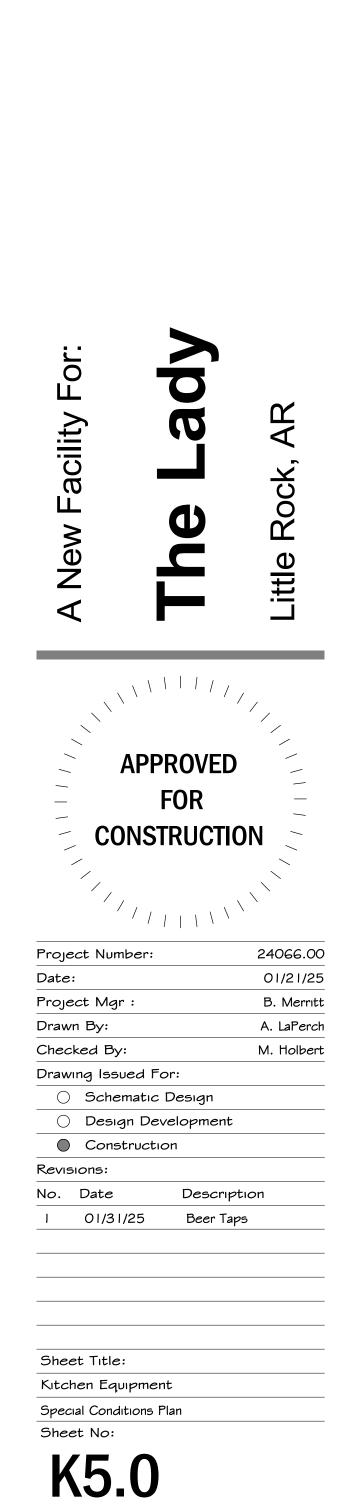
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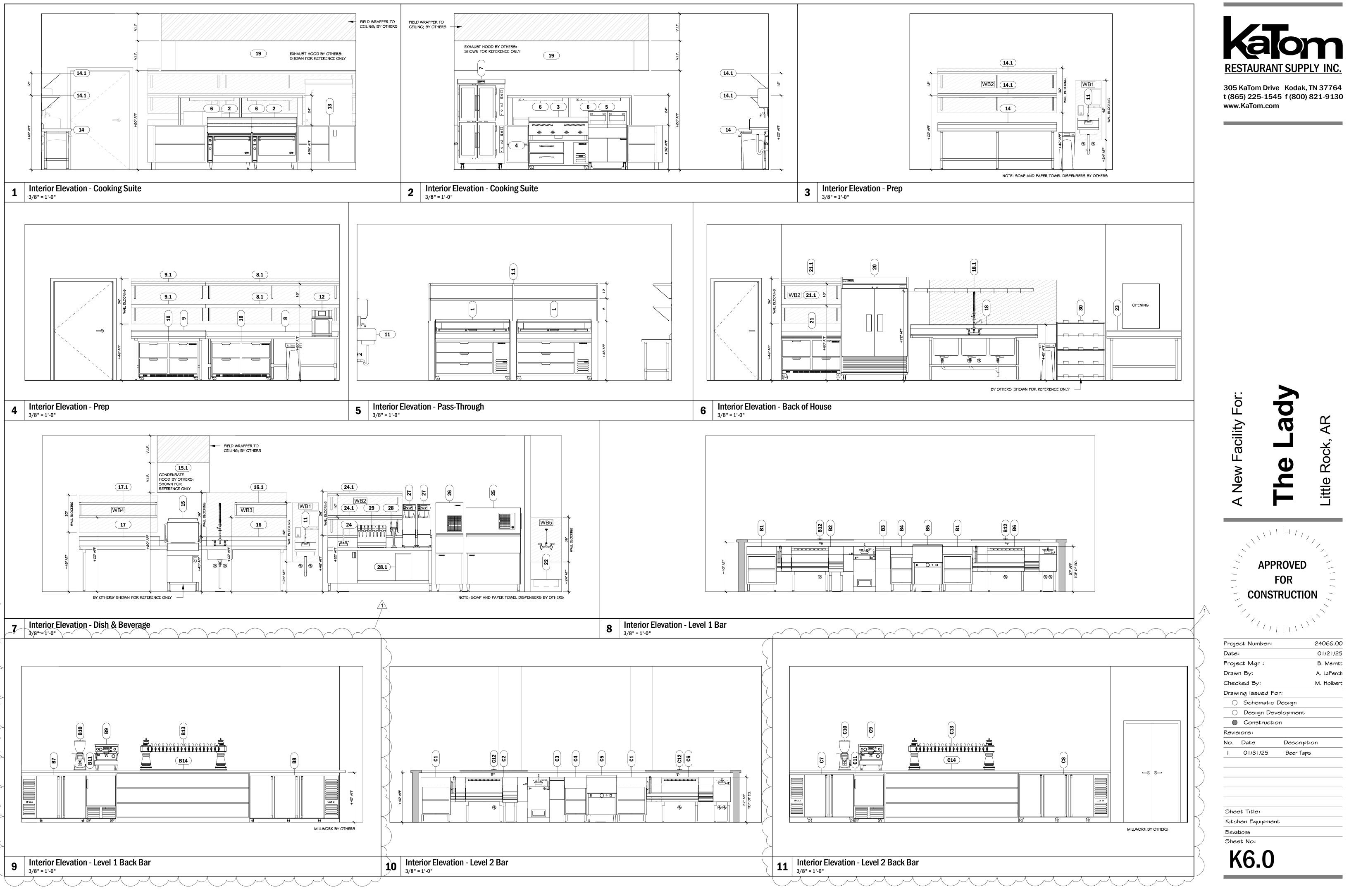
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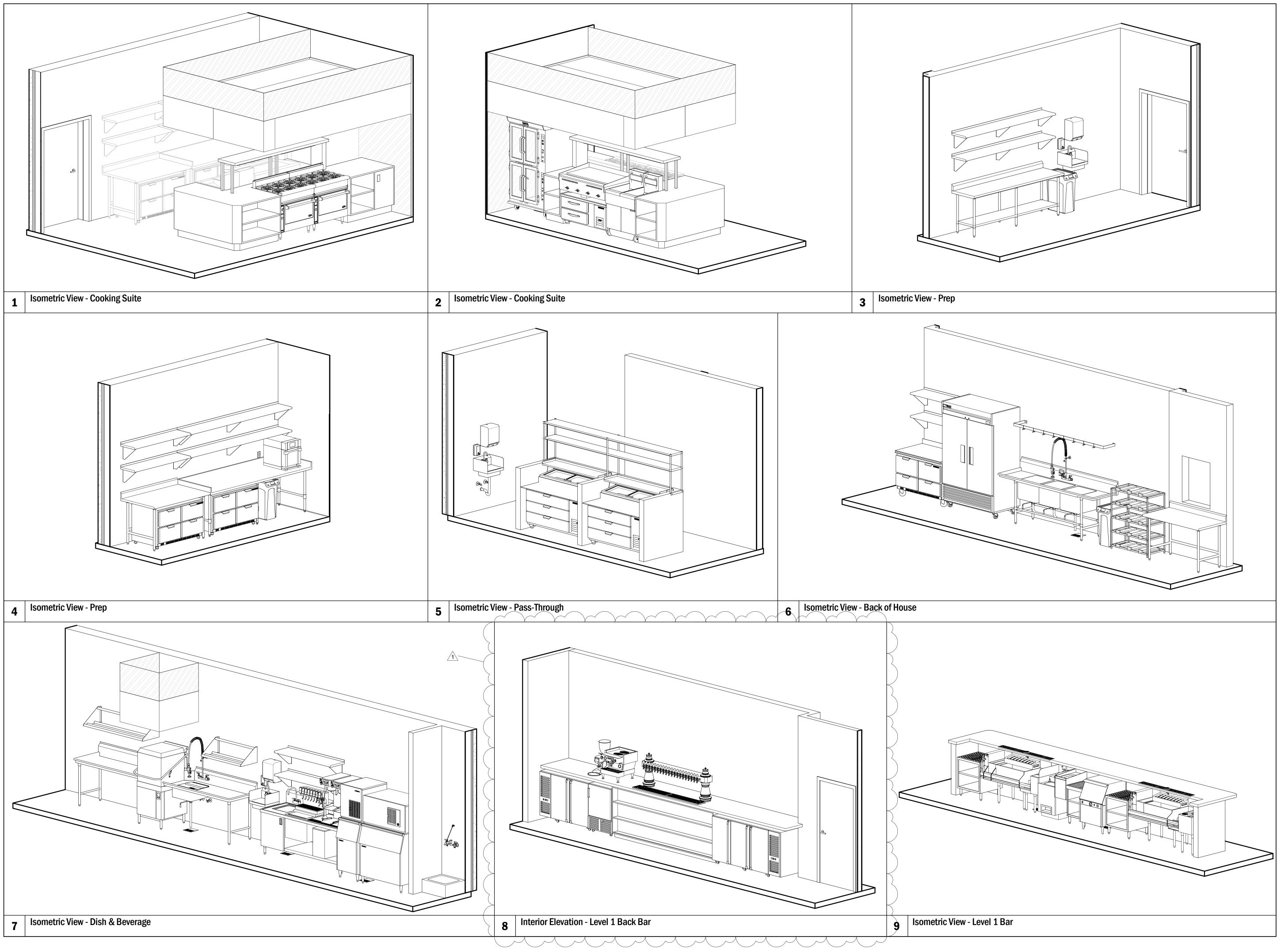
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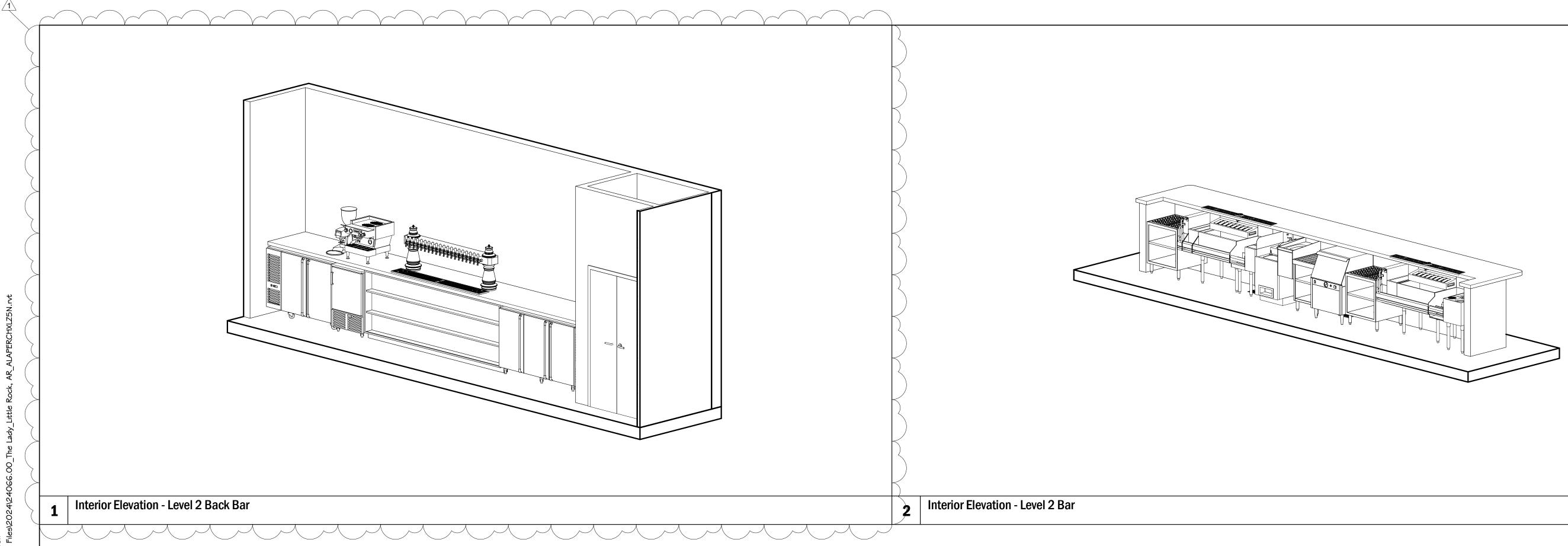
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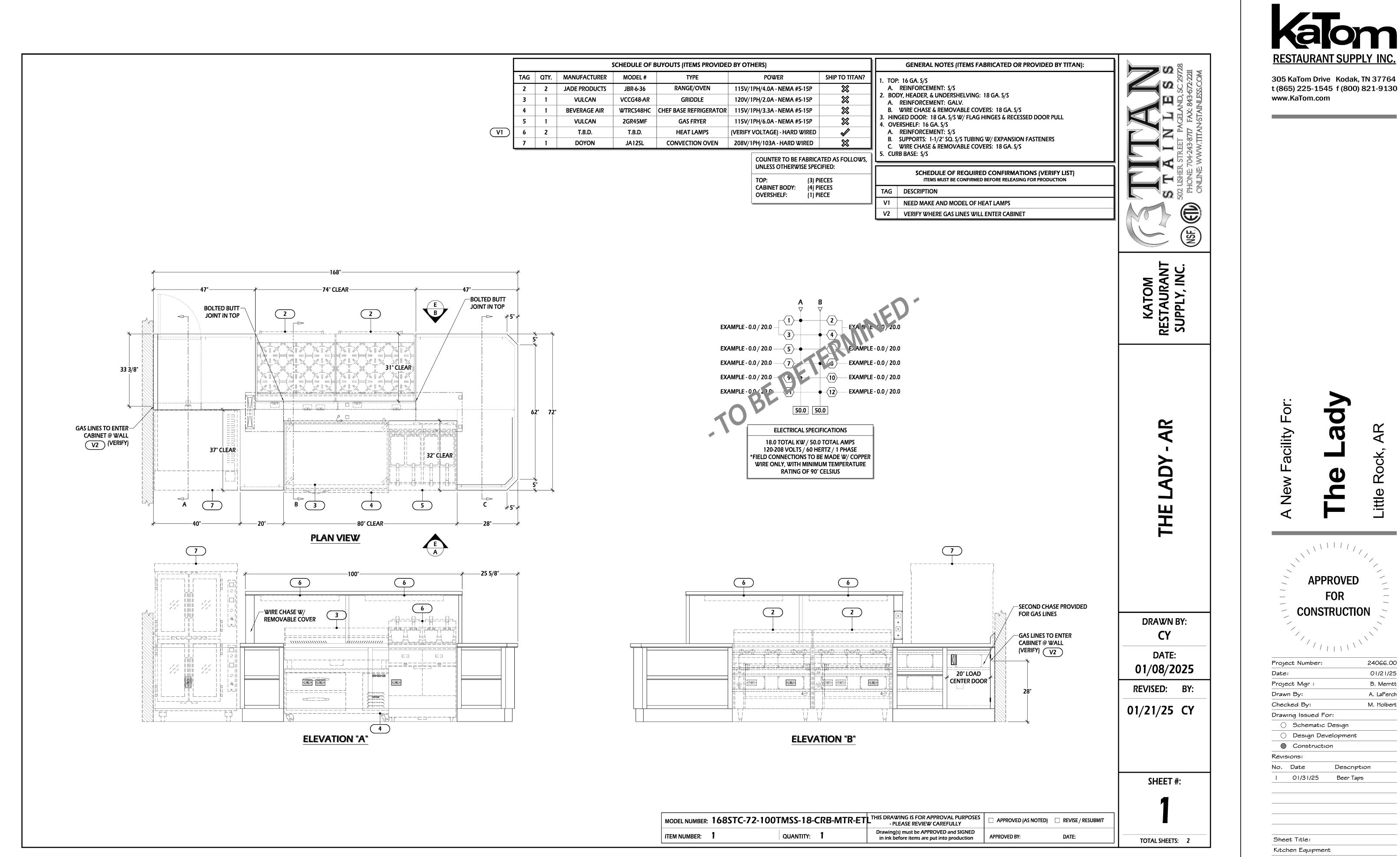


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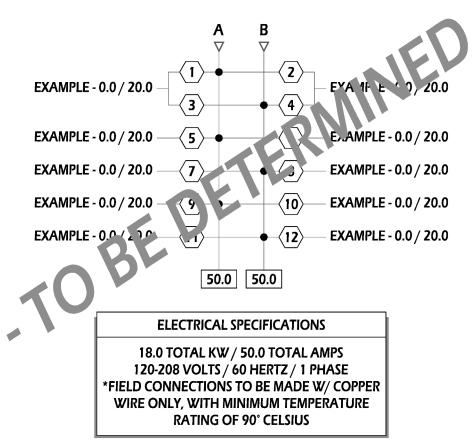


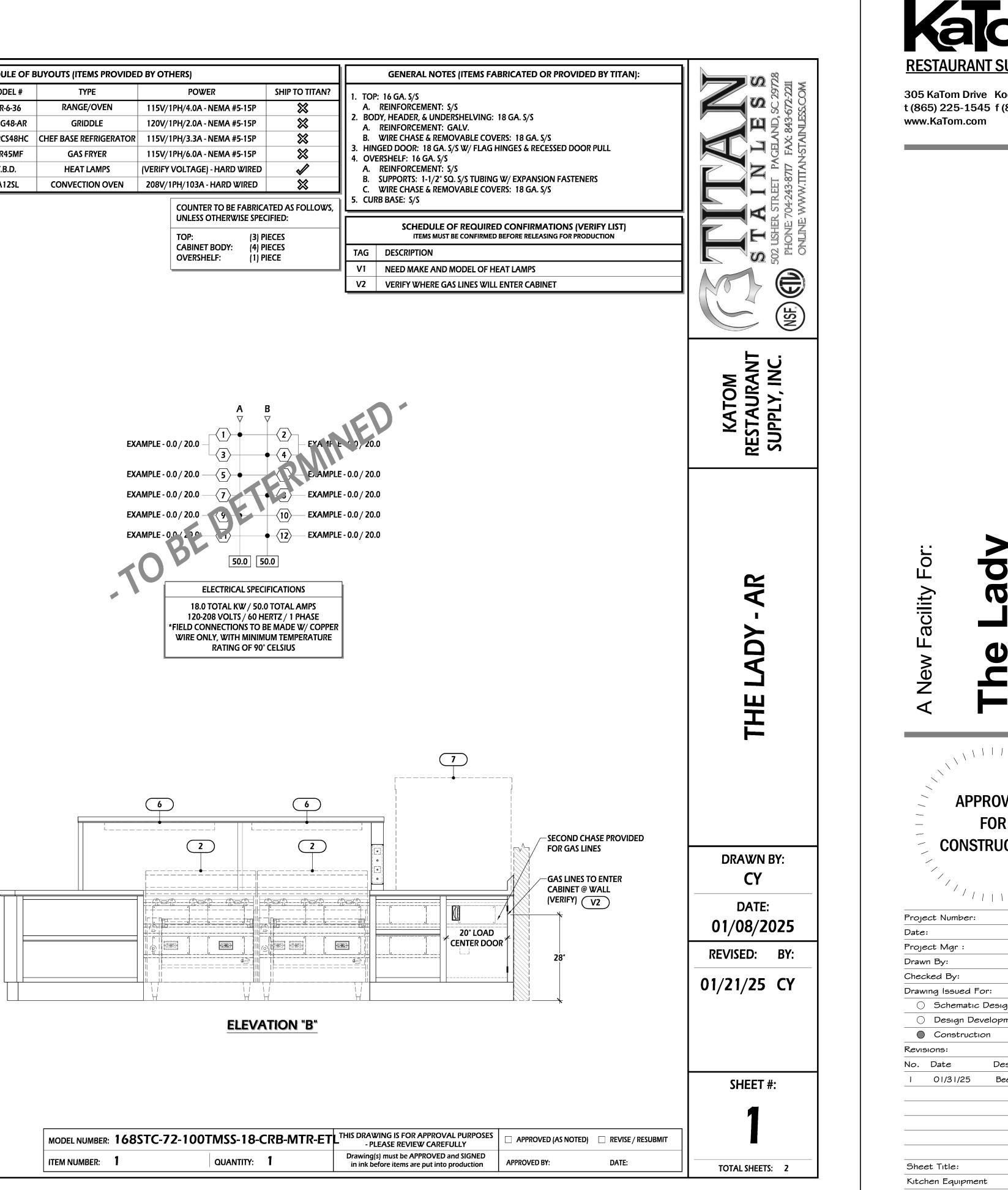
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			5	SCHEDULE OF E	BUYOUTS (ITEMS PROVIDE	D BY OTHERS)			GENERAL NOTES (ITEMS
	TAG	QTY.	MANUFACTURER	MODEL #	ТҮРЕ	POWER	SHIP TO TITAN?	1. TOF	P: 16 GA. S/S
	2	2	JADE PRODUCTS	JBR-6-36	RANGE/OVEN	115V/1PH/4.0A - NEMA #5-15P	*	A.	REINFORCEMENT: S/S
	3	1	VULCAN	VCCG48-AR	GRIDDLE	120V/1PH/2.0A - NEMA #5-15P	≍		DY, HEADER, & UNDERSHELVIN REINFORCEMENT: GALV.
	4	1	BEVERAGE AIR	WTRCS48HC	CHEF BASE REFRIGERATOR	115V/1PH/3.3A - NEMA #5-15P	≫	В.	WIRE CHASE & REMOVABLE CO
	5	1	VULCAN	2GR45MF	GAS FRYER	115V/1PH/6.0A - NEMA #5-15P	≍		IGED DOOR: 18 GA. S/S W/ FLA ERSHELF: 16 GA. S/S
1)	6	2	T.B.D.	T.B.D.	HEAT LAMPS	(VERIFY VOLTAGE) - HARD WIRED		A.	REINFORCEMENT: S/S
_	7	1	DOYON	JA12SL	CONVECTION OVEN	208V/1PH/103A - HARD WIRED	≍		SUPPORTS: 1-1/2" SQ. S/S TUBI WIRE CHASE & REMOVABLE CO
•						COUNTER TO BE FABRICA	ATED AS FOLLOWS,		RB BASE: S/S
						UNLESS OTHERWISE SPEC	CIFIED:		SCHEDULE OF REQUI
							IECES		ITEMS MUST BE CONFIRM
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Stainless Drawings

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B. Merritt

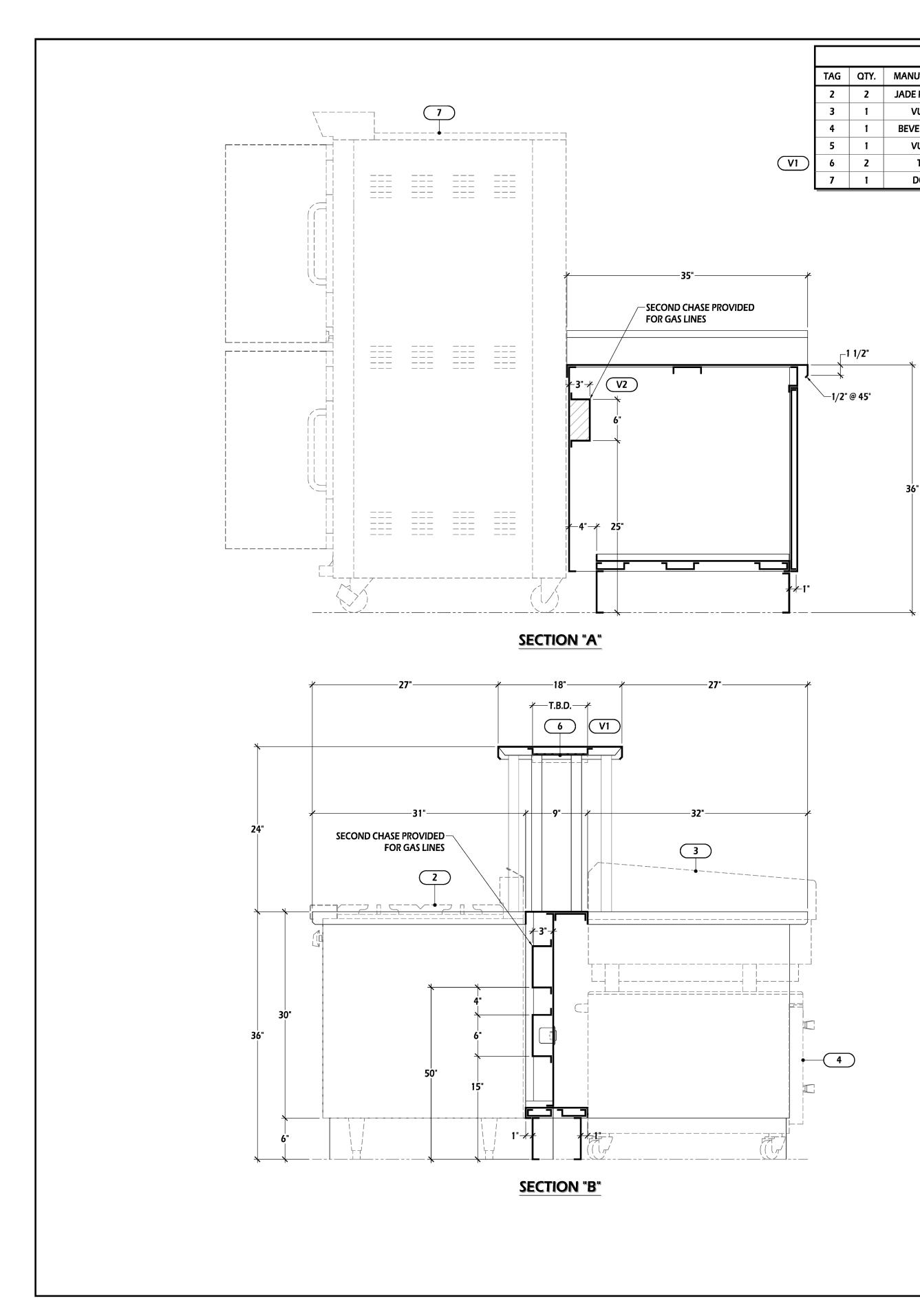
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M. Holbert

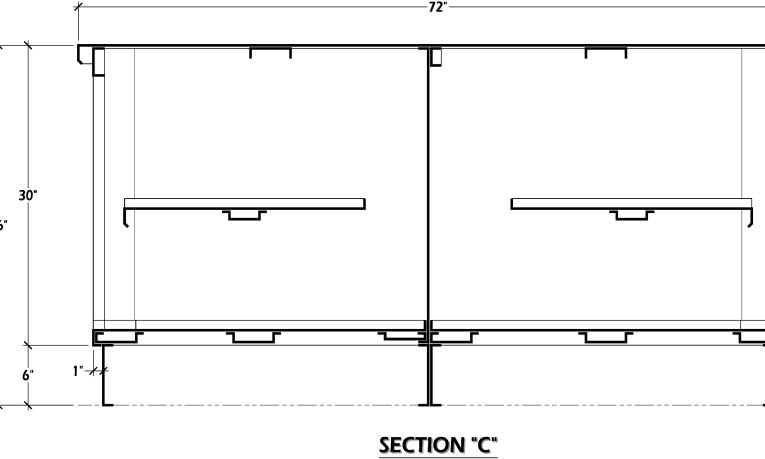
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			9	SCHEDULE OF E	BUYOUTS (ITEMS PROVIDE	D BY OTH	HERS)			GENERAL NOTES (ITEMS F	
	TAG	QTY.	MANUFACTURER	MODEL #	ТҮРЕ		POWER	SHIP TO TITAN?	1. то	P: 16 GA. S/S	
	2	2	JADE PRODUCTS	JBR-6-36	RANGE/OVEN	115V/1PH/4.0A - NEMA #5-15P		*	A.	REINFORCEMENT: S/S	
	3	1	VULCAN	VCCG48-AR	GRIDDLE	120V/1	IPH/2.0A - NEMA #5-15P	≍	2. BO	DY, HEADER, & UNDERSHELVING REINFORCEMENT: GALV.	
	4	1	<b>BEVERAGE AIR</b>	WTRCS48HC	CHEF BASE REFRIGERATOR	115V/1	IPH/3.3A - NEMA #5-15P	≍	В.	WIRE CHASE & REMOVABLE CO	
	5	1	VULCAN	2GR45MF	GAS FRYER	115V/1	IPH/6.0A - NEMA #5-15P	≍		NGED DOOR: 18 GA. S/S W/ FLAG 'ERSHELF: 16 GA. S/S	
<b>V1</b>	6	2	T.B.D.	T.B.D.	HEAT LAMPS	(VERIFY	VOLTAGE) - HARD WIRED	V	A.	REINFORCEMENT: S/S	
	7	1	DOYON	JA12SL	CONVECTION OVEN	VECTION OVEN 208V/1PH/103A - HARD WIRED		≈	B. C.	B. SUPPORTS: 1-1/2" SQ. S/S TUBI C. WIRE CHASE & REMOVABLE CO	
-							COUNTER TO BE FABRICA	TED AS FOLLOWS,	5. CU	RB BASE: S/S	
		UNLESS OTHERWISE SPECIFIED: TOP: (3) PIECES							SCHEDULE OF REQU		
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MODEL NUMBER:	168STC-72-1	00TMSS-18-0	CRB-MTR-ET	THIS DRAWING IS FOR APPROVAL PURPO - PLEASE REVIEW CAREFULLY
ITEM NUMBER:	1	QUANTITY:	1	Drawing(s) must be APPROVED and SIGNE in ink before items are put into productio

(ITEMS FABRICATED OR PROVIDED BY TITAN): HELVING: 18 GA. S/S LV. /ABLE COVERS: 18 GA. S/S W/ FLAG HINGES & RECESSED DOOR PULL S/S TUBING W/ EXPANSION FASTENERS /ABLE COVERS: 18 GA. S/S REQUIRED CONFIRMATIONS (VERIFY LIST) CONFIRMED BEFORE RELEASING FOR PRODUCTION DDEL OF HEAT LAMPS LINES WILL ENTER CABINET	SC USHER STREET PAGELAND, SC 29728 PHONE: 704-243-8717 FAX: 843-672-2211 ONLINE: WWW.TITAN-STAINLESS.COM	
	KATOM RESTAURANT SUPPLY, INC.	
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	DRAWN BY: CY DATE: 01/08/2025 REVISED: BY: 01/21/25 CY	
PURPOSES APPROVED (AS NOTED) REVISE / RESUBMIT LY SIGNED oduction APPROVED BY: DATE:	SHEET #: 2 TOTAL SHEETS: 2	



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Sheet Title: Kitchen Equipment Stainless Drawings Sheet No:



SLAB-ON-GRADE BARS (BOTTOM)	3" CLEAR
BELOW GRADE (CAST AGAINST EARTH)	3" CLEAR
BELOW GRADE (FORMED EDGE)	2" CLEAR
WALLS	2" CLEAR
COLUMNS	1.5" CLEAR TO TH
ELEVATED BEAMS	1.5" CLEAR TO ST
ELEVATED SLABS & JOISTS	0.75" CLEAR

## CAST-IN

I				
STRUCTURAL NOTES	MASONRY NOTES	PRE-FABRICATED WOOD TRUSSES	MASONRY CONSTRUCTION INSPECTIONS	
<u>GENERAL NOTES</u> 1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND	1. ALL CONCRETE MASONRY UNITS (CMU) SHALL COMPLY WITH ASTM C90, AND HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI. SIZES SHALL BE AS INDICATED ON THE CONTRACT DRAWINGS.	1. WOOD TRUSS FABRICATOR SHALL SUBMIT CALCULATIONS AND SHOP DRAWINGS SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.		RING WALLS SHALL BE INSPECTED AND EVALUATED IN /EL B QUALITY ASSURANCE AS OUTLINED IN TABLE 1.19.2 OF
2. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO	2. TYPE S MORTAR SHALL BE USED ABOVE AND BELOW GRADE. MIX MORTAR IN ACCORDANCE WITH ASTM C270. USE TYPE 1 PORTLAND CEMENT (TYPE III MAY BE USED FOR COLD WEATHER CONSTRUCTION) MEETING ASTM C1329, HYDRATED LIME MEETING ASTM C207 AND AGGREGATE MEETING ASTM C144. <b>(VERIFY STANDARD MORTAR NOTE WITH ARCHITECTS SPECIFICATIONS)</b>	2. TRUSS DIMENSIONS AND LAYOUT, IF SHOWN, IS FOR ESTIMATING PURPOSES ONLY AND IS NOT NECESSARILY TO BE USED FOR FABRICATION. FABRICATOR SHALL BE RESPONSIBLE FOR ACTUAL DIMENSIONS OF TRUSSES. TRUSSES SHALL UTILIZE ONLY THE BEARING WALLS AND SUPPORTS SHOWN ON THE PLANS.	STEEL CONSTRUCTION INSPECTIONS  1. PERIODICALLY VERIFY THAT THE PROPER MATE WELD FILLER MATERIALS ARE BEING USED.	ERIALS FOR HIGH-STRENGTH BOLTS, STRUCTURAL STEEL AND
FABRICATION AND CONSTRUCTION. 3. THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE	3. FILL ALL SPACES BETWEEN BRICK WYTHES AND ALL CMU CELLS BELOW THE SLAB OR FNIHSED GRADE WITH 3000 PSI GROUT MEETING THE FOLLOWING REQUIREMENTS:	3. CONTRACTOR SHALL PROVIDE BRACING FOR TRUSS CHORDS AND WEB MEMBERS AS REQUIRED BY THE TRUSS FABRICATOR. SYSTEM IS NOT STABLE UNTIL SHEATHING AND PERMANENT BRACING	2. WELDING PROCEDURES, MATERIALS AND WELD VERIFIED PRIOR TO THE START OF WORK.	DER QUALIFICATIONS FOR ALL FIELD WELDING SHALL BE
CONDITIONS SUCH AS EXISTING FLOOR ELEVATIONS, EXISTING FOOTING ELEVATIONS, EXISTING UTILITIES, ETC. WHETHER NOTED OR NOT IN THE CONTRACT DOCUMENTS AND SHALL NOTIFY THE ARCHITECT OF ANY CONFLICTS, DISCREPANCIES OR UNKNOWN CONDITIONS PRIOR TO FABRICATION AND CONSTRUCTION.	A. USE A MINIMUM OF 5.5 BAGS OF PORTLAND CEMENT PER CUBIC YARD. B. MAXIMUM WATER/CEMENT RATIO BY WEIGHT SHALL BE 0.54. C. WATER-REDUCING ADMIXTURE MEETING ASTM C494 SHALL BE USED TO PROVIDE SUFFICIENT FLOWABILITY TO READILY FILL CELLS WITH A REASONABLE AMOUNT OF	ARE INSTALLED. 4. ALL LUMBER USED FOR TRUSSES SHALL BE #2 GRADE, KILN-DRIED SOUTHERN PINE, #2 SPRUCE- PINE-FIR, #2 HEM-FIR, OR BETTER. NUMBER 3 GRADE LUMBER WILL NOT BE ALLOWED FOR CHORDS OR WEB MEMBERS. MINIMUM TRUSS MEMBER SIZE SHALL BE 2x4.		ESS AND VISUAL INSPECTION OF ALL FIELD WELDS SHALL BE XCEEDING 5/16" IN SIZE AND FOR FLOOR DECK WELDING.
4. REPRODUCTION OF CONTRACT DRAWINGS, IN ANY FORM, WILL NOT BE ACCEPTED AS SHOP DRAWINGS.	RODDING. ADDITIONAL WATER WILL NOT BE ALLOWED AFTER INITIAL MIXING. D. AGGREGATE SHALL BE WELL GRADED WITH A MAXIMUM SIZE OF 3/8". E. ALTERNATE MIX DESIGNS WILL BE CONSIDERED IF SUBMITTED TO THE ARCHITECT FOR	5. MINIMUM TRUSS PLATE SIZE SHALL BE (3"x5") OR (4"x4") EACH SIDE OF TRUSS AT ALL JOINTS.	1. PERIODICALLY VERIFY THAT THE PROPER SIZE, MEMBERS ARE USED.	SPECIES, GRADE, SPACING, ETC. OF ALL WOOD FRAMING
5. REVIEW OF SUBMITTALS AND/OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER-OF-RECORD DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP	APPROVAL AFTER CONTRACT IS AWARDED. ALTERNATE DESIGNS MUST SHOW SUFFICIENT FLOWABILITY CHARACTERISTICS AND A 28-DAY COMPRESSIVE STRENGTH OF AT LEAST 3000	6. MINIMUM CONTACT AREAS FOR TRUSS PLATES SHALL BE 3.75 SQUARE INCHES ON EACH MEMBER AT ALL JOINTS, EACH SIDE OF TRUSS.	2. PERIODICALLY VERIFY THAT THE PROPER CONI	NECTIONS ARE USED INCLUDING FRAMING ANCHORS,
DRAWINGS BEFORE SUBMITTAL FOR REVIEW. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS. CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, AND	PSI 4. MAXIMUM HEIGHT OF ALL GROUT FILL SHALL NOT EXCEED 4'-0" UNLESS CLEANOUT AND INSPECTION HOLE IS PROVIDED AT THE BOTTOM OF THE POUR.	7. TRUSS MANUFACTURER SHALL DESIGN AND PROVIDE TRUSS HANGERS WHERE TRUSSES ARE SUPPORTED BY OTHER TRUSSES.	HANGERS, SIZE, SPACING & NUMBER OF NAILS, ET 3. PERIODICALLY VERIFY THAT ALL STRUCTURAL F	C. BRIDGING, BLOCKING AND BRACING IS PROPERLY INSTALLED.
6. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING	5. WHERE VERTICAL REINFORCING AND HORIZONTAL REINFORCING INTERSECT, ALL REINFORCING SHALL RUN CONTINUOUS.	8. PROVIDE SIMPSON "H2.5A" ANCHORS PLUS CODE REQUIRED NAILING TO ATTACH EACH END OF ALL TRUSSES TO SUPPORTS WHERE TRUSSES ARE SUPPORTED BY BEARING WALLS, STEEL BEAMS, OR LAMINATED WOOD BEAMS.		
CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING IS IN PLACE.	6. HORIZONTAL REINFORCING SHALL BE CONTINUOUS AT CORNERS WITH 90-DEGREE BENDS OR CORNER BARS WITH EACH LEG EQUAL TO THE REQUIRED LAP LENGTH. (SEE TYPICAL CORNER BAR	9. INCORPORATE WEIGHT OF ROOFTOP UNITS IN THE TRUSS DESIGN AS SHOWN ON THE PLANS.	DESIGN LOADS DEAD LOADS:	WEIGHT OF THE STRUCTURE
7. ACI, AISC, AITC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.	DETAIL) 7. ALL CMU SHALL HAVE 9 GAUGE TRUSS TYPE JOINT REINFORCEMENT AT 16" ON CENTER	EARTHWORK & FOUNDATION NOTES	ROOF LIVE LOADS:	20 PSF
CONCRETE NOTES	VERTICALLY ABOVE GRADE AND 8" ON CENTER VERTICALLY BELOW GRADE UNLESS NOTED OTHERWISE.	EXCAVATION & FILL	FLOOR LIVE LOADS:	100 PSF
CONCRETE REINFORCEMENT	METALS NOTES	<ol> <li>ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND SOILS ENGINEER'S RECOMMENDATIONS.</li> </ol>	GROUND SNOW LOAD FLAT ROOF SNOW LOAD SNOW EXPOSURE FACTOR	Pg:         10 PSF           Pf:         10 PSF           Ce:         1.0
1. CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.	STRUCTURAL STEEL	2. SELECT FILL BENEATH THE BUILDING SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" LOOSE THICKNESS AND COMPACTED TO AT LEAST 95" OF MAXIMUM MODIFIED PROCTOR DRY DENSITY (ASTM	SNOW IMPORTANCE FACTOR THERMAL FACTOR	ls: 1.0 Ct: 1.0
2. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.	1. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.	D1557). THE IN-PLACE DENSITY AND MOISTURE CONTENT SHALL BE ESTABLISHED AND APPROVED FOR EACH LIFT PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.	WIND SPEED FOR RISK CATEGORY II & EXPOSURE	C Vult: 115 MPH Vasd: 89 MPH
3. PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:	2. ALL STRUCTURAL STEEL SHAPES SHALL BE AS FOLLOWS:	SPREAD FOOTINGS	BUILDING RISK CATEGORY	П
SLAB-ON-GRADE BARS (BOTTOM) 3" CLEAR BELOW GRADE (CAST AGAINST EARTH) 3" CLEAR	A. ALL WIDE FLANGE STRUCTURAL STEEL SHAPES SHALL BE ASTM A992. B. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SECTIONS SHALL BE ASTM A500,	1. BOTTOM OF FOOTING ELEVATIONS (BF) SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY AND ARE NOT NECESSARILY TO BE USED FOR CONSTRUCTION. THE SOILS ENGINEER OR HIS	WIND EXPOSURE CATEGORY INTERNAL PRESSURE COEFFICIENT	C GCpi: ±0.18
BELOW GRADE (CAST AGAINST EARTH) 3 CLEAR BELOW GRADE (FORMED EDGE) 2" CLEAR WALLS 2" CLEAR COLUMNS 1.5" CLEAR TO TIES	GRADE B, Fy = 46 KSI C. ROUND HOLLOW STRUCTURAL SECTIONS SHALL BE ASTM A500, GRADE B, Fy = 42 KSI D. ROUND STEEL PIPES SHALL BE ASTM A53, GRADE B, Fy = 35 KSI	REPRESENTATIVE SHALL BE ENGAGED TO INSPECT ALL FOOTING EXCAVATIONS TO VERIFY THAT THE REQUIRED ALLOWABLE BEARING CAPACITY IS ATTAINABLE. BOTTOM OF FOOTING ELEVATIONS SHALL BE ADJUSTED PER THE ON-SITE RECOMMENDATIONS OF THE SOILS ENGINEER OR HIS	COMP. & CLADDING WIND PRESSURE SEISMIC IMPORTANCE FACTOR	Pnet30: SEE ASCE 7-16, TABLE 30. 7-2 le: 1.0
ELEVATED BEAMS1.5" CLEAR TO STIRRUPSELEVATED SLABS & JOISTS0.75" CLEAR	E. ALL OTHER STRUCTURAL STEEL (CHANNELS, ANGLES, PLATES, ETC.) SHALL BE ASTM A36. 3. ALL ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 (OR GRADE 55 WITH SUPPLEMENT S1 -	REPRESENTATIVE. 2. ALL SPREAD FOOTING EXCAVATIONS SHALL BE FOUNDED IN PROPERLY COMPACTED SELECT FILL	MAPPED SPECTRAL RESPONSE ACCELERATIONS	Ss: 0.389 S1: 0.150 D
4. DO NOT CUT TIES OR CONTINUOUS BARS TO PROVIDE CLEARANCE FOR EMBEDDED ITEMS OR OTHER OBSTRUCTIONS. INDIVIDUAL BARS AND TIES MAY BE MOVED VERTICALLY UP TO 1.5" AS REQUIRED TO PROVIDE CLEARANCE FOR EMBEDS, HOOKS, ETC. DO NOT HEAT REINFORCING TO	WELDABILITY) UNLESS NOTED OTHERWISE. 4. STRUCTURAL BOLTS SHALL BE ASTM A325-N, UNLESS OTHERWISE NOTED.	OR IN THE NATURAL SOILS (STRATUM II) WITH AN ALLOWABLE NET BEARING CAPACITY OF AT LEAST 2000 PSF.	SPECTRAL RESPONSE COEFFICIENT SEISMIC DESIGN CATEGORY	Sds: 0.386 Sd1: 0.228 D
BEND IT. 5. IF DOWELS OR VERTICAL REINFORCING ARE CUT OR SEVERELY BENT, CONTRACTOR MAY BE	5. BOLTS THRU WOOD BLOCKING SHALL BE ASTM A307. ALL BOLTS IN CONTACT WITH TREATED WOOD SHALL BE STAINLESS STEEL (TYPE 316L), OR HOT DIPPED GALVANIZED WITH A MINIMUM	3. CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO PROVIDE GEOTECHNICAL ENGINEERING SERVICES AS REQUIRED.	BASIC SEISMIC-FORCE-RESISTING SYSTEM (PER ASCE 7-16, TABLE 12. 2-1)	A. BEARING WALL SYSTEM 15. LIGHT FRAME WOOD WALLS w/ RATED WOOD SHEAR PANE
REQUIRED TO REMOVE THE CONCRETE BACK TO THE PREVIOUS POUR JOINT AND REPLACE THE DAMAGED BARS AND CONCRETE AT THE CONTRACTOR'S EXPENSE.	COATING THICKNESS OF 0.2 OUNCES PER SQUARE FEET (ASTM A153). USE STAINLESS BOLTS WITH STAINLESS STEEL CONNECTORS AND GALVANIZED BOLTS WITH GALVANIZED CONNECTORS IF ONLY ONE IS SPECIFIED.	4. MAINTAIN FINISHED GRADE (AND/OR BOTTOM OF FOOTING ELEVATIONS) TO PROVIDE AT LEAST 1'-6" COVER ABOVE THE BOTTOM OF ALL EXTERIOR FOOTINGS FOR FROST PROTECTION.	DESIGN BASE SHEAR SEISMIC RESPONSE COEFFICIENT	V: 0.06W Cs: 0.06
6. REINFORCEMENT SHALL BE SPLICED ONLY AS SHOWN OR NOTED IN THE CONTRACT DOCUMENTS. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER-OF- RECORD PRIOR TO FABRICATION.	6. POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE SHALL BE STANDARD ASTM A36 THREADED RODS (OR APPROVED EQUAL) WITH A MINIMUM STEEL YIELD STRENGTH OF Fy=36 KSI, OR ASTM F593 STAINLESS STEEL ANCHORS WITH A MINIMUM YIELD STRENGTH OF Fy=45 KSI, UNLESS SHOWN	<u>RETAINING WALLS</u> 1. ALL RETAINING WALLS SHALL HAVE A PROPERLY INSTALLED DRAINAGE SYSTEM TO RELIEVE	RESPONSE MODIFICATION FACTOR ANALYSIS PROCEDURE	R: 6.5 EQUIVALENT LATERAL FORCE METHOD (PER ASCE 7-16, TABLE 12. 6-1 & SECT. 12.8)
7. REINFORCING BARS MARKED AS CONTINUOUS SHALL BE SPLICED WITH CLASS "B" TENSION LAP SPLICES ONLY.	OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HILTI "HIT-RE 500-SD" SYSTEM (REF: ICC-ES ESR-2322), SIMPSON STRONG-TIE "SET-3G" SYSTEM (REF: ICC-ES ESR-4057), (OR APPROVED EQUAL).	HYDROSTATIC PRESSURE. 2. BACKFILL BOTH SIDES OF WALLS EQUALLY UNTIL LOW SIDE IS UP TO GRADE.	SEISMIC ZONE PER A.C.A. 12-80-101 ET. SEQ. CODES:	ZONE: 1 2021 ARKANSAS FIRE PREVENTION CODE
<ol> <li>8. ALL TENSION LAP SPLICES SHALL BE CLASS "B" UNLESS NOTED OTHERWISE.</li> <li>9. WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A185. LAP REINFORCEMENT 8 INCHES</li> </ol>	7. ALL WELDS SHALL BE E70XX, MINIMUM AND SHALL BE PERFORMED BY AWS CERTIFIED WELDERS, CERTIFIED WITHIN THE PREVIOUS TWELVE (12) MONTHS. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO THE BUILDING AND COMPONENTS DUE TO FIRE HAZARDS FROM	3. PROVIDE ADDITIONAL SHORING FOR ALL FOUNDATION WALLS AS REQUIRED DURING CONSTRUCTION BACKFILLING AND COMPACTION OPERATIONS.		A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)
ON SIDES AND ENDS. MAINTAIN WIRE 1 TO 2 INCHES BELOW TOP SURFACE OF SLAB-ON-GRADE, UNLESS NOTED OTHERWISE. WELDED WIRE REINFORCEMENT MUST BE PLACED ON CHAIRS OR BOLSTERS AS REQUIRED TO MAINTAIN POSITION IN THE SLAB.	WELDING. 8. ALL STEEL LINTELS AND SHELF ANGLES SHALL BE COATED WITH A ZINC RICH PRIMER.	4. ALL FOUNDATION WALLS WITH AN ELEVATED CONCRETE SLAB FRAMING INTO THE TOP OF THE WALL MAY BE BACKFILLED ONLY AFTER THE ELEVATED SLAB ABOVE IS IN PLACE AND CURED.	STATED ABOVE IN ACCORDANCE WITH THE REQUI	AVE BEEN DESIGNED TO RESIST THE LOADS AND FORCES REMENTS OF THE 2021 ARKANSAS FIRE PREVENTION CODE
10. ONCE SHOP DRAWINGS HAVE BEEN REVIEWED, DO NOT ADD REINFORCING OR INFORMATION TO PREVIOUSLY SUBMITTED SHEETS FOR SUBSEQUENT SUBMITTALS UNLESS SHOP DRAWINGS ARE BEING RESUBMITTED AFTER BEING RETURNED "NOT REVIEWED".	WOOD NOTES	5. IF RETAINING WALLS ARE REQUIRED BY THE BUILDING OFFICIALS TO BE INSPECTED (AS-BUILT CERTIFICATION FORM), THE CONTRACTOR SHALL RETAIN THE SERVICES OF AN INDEPENDENT REGISTERED ENGINEER OR NOTIFY THE ENGINEER-OF-RECORD AT LEAST 3 DAYS PRIOR TO COVERING UP THE REBAR WITH WALL FACING MATERIAL (WHETHER CONCRETE OR MASONRY), SO	AND A.C.A. 12-80-101 ET. SEQ.	
11. WHERE ANCHOR RODS ARE CAST INTO CONCRETE, PROVIDE SUPPLEMENTAL REINFORCING EACH WAY, TIED NEAR THE TOP AND BOTTOM OF ALL ANCHOR RODS TO THE ADJACENT REBAR TO	LUMBER	THAT IN-PLACE REBAR MAY BE PROPERLY INSPECTED.	PRE-FABRICATED WOOD TRUSS DESIGN LOADS:	
SECURE RODS DURING CONCRETE PLACEMENT. (MINIMUM SIZE #4)	1. ALL WOOD MEMBERS THAT ARE IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WITH WATER BORNE TREATMENT TO A NET RETENTION OF 0.3 POUNDS PER CUBIC FOOT. (SEE STRUCTURAL STEEL FRAMING NOTE #5 FOR BOLTS IN CONTACT WITH PRESERVATIVE TREATED	<u>SPECIAL INSPECTION NOTES</u> 1. SPECIAL INSPECTIONS SHALL BE REQUIRED IN ACCORDANCE WITH CHAPTER 17 OF THE BUILDING	FLOOR TRUSSES	
<u>CAST-IN-PLACE CONCRETE</u> 1. CONCRETE SUPPLIER SHALL SUBMIT CONCRETE MIX DESIGN DATA TO THE ARCHITECT FOR	WOOD). 2. ALL STRUCTURAL LUMBER EXCEPT LOAD BEARING STUDS SHALL BE #2 KD SOUTHERN PINE.	CODE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL INSPECTIONS WITH THE INSPECTION AGENCY.	DEAD LOAD: LIVE LOAD:	25 PSF (TOP CHORD) 5 PSF (BOTTOM CHORD) SEE FLOOR DESIGN LOADS ABOVE (NON-REDUCABLE) TOP CHORD
REVIEW PRIOR TO CONSTRUCTION. 2. CONCRETE SHALL HAVE AT LEAST THE FOLLOWING MINIMUM COMPRESSIVE STRENGTHS AT 28	3. LUMBER USED FOR LOAD BEARING STUDS MAY BE #2 KD SOUTHERN PINE, #1 HEM-FIR OR #1 SPRUCE-PINE-FIR.	2. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING		5 PSF (NON-REDUCABLE) BOTTOM CHORD
A. FOOTINGS 3000 PSI	4. PROVIDE COLUMNS BUILT-UP OF MULTIPLE STUDS AT ENDS OF ALL HEADERS AND BEAMS (2 STUDS MINIMUM).	OFFICIAL. 3. THE SPECIAL INSPECTOR SHALL KEEP RECORDS OF INSPECTIONS. INSPECTION REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN	CODES:	2021 ARKANSAS FIRE PREVENTION CODE A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)
B. STAIR LANDINGS & STAIR TREADS4000 PSIC. REINFORCED CMU & BOND BEAM FILL(SEE MASONRY NOTES)	5. PROVIDE 2x4 OR 2x6 SOLID WOOD BLOCKING AT ALL RIDGES, VALLEYS & HIPS. PROVIDE 2x8 RAFTERS AT 24" ON CENTER AT ALL ROOF OVERBUILDS. PROVIDE 2x4 OR 2x6 OUTRIGGERS AT ALL	RESPONSIBLE CHARGE.	ROOF TRUSSES DEAD LOAD:	5 PSF (TOP CHORD)
D. SLABS-ON-GRADE, WALLS, PILASTERS, & PEDESTALS 4000 PSI <b>3. SEE CONCRETE MIX DESIGN TABLE</b>	OVERHANGS AND PROVIDE SOLID BLOCKING BETWEEN OUTRIGGERS AT SUPPORT.	4. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THE DISCREPANCIES ARE NOT CORRECTED, THE	COLLATERAL LOAD:	5 PSF (BOTTOM CHORD) 5 PSF (TOP CHORD)
4. PROPORTIONS OF CONCRETE MIX DESIGNS SHALL BE DETERMINED BY THE PROCEDURES ESTABLISHED IN SECTION 5.3 OF ACI 318-19.	<u>STRUCTURAL PANELS</u> 1. ROOF SHEATHING SHALL BE 5/8" APA RATED PLYWOOD, OSB OR ZIP SYSTEM PANELS (SPAN INDEX	DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK.		5 PSF (BOTTOM CHORD)
5. MIX DESIGN MAY INCLUDE (TYPE C) FLYASH AS A REPLACEMENT FOR PORTLAND CEMENT UP TO A MAXIMUM OF 20% OF THE TOTAL CEMENTITIOUS MATERIAL. DO NOT USE A FLYASH-CONTAINING	40/20). ATTACHMENT SHALL BE WITH 10d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS. PLYCLIPS SHALL BE USED AT ALL	5. A FINAL REPORT OF INSPECTIONS DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND	LIVE LOAD:	20 PSF (NON-REDUCABLE) TOP CHORD 5 PSF (NON- REDUCABLE) BOTTOM CHORD
CONCRETE MIX WHEN THE TEMPERATURE DURING PLACEMENT OR CURING IS PROJECTED TO FALL BELOW 60 DEGREES FAHRENHEIT.	FREE EDGES, ONE AT MID-POINT BETWEEN ALL SUPPORTS. 2. WALL SHEATHING SHALL BE 1/2" APA RATED PLYWOOD, OSB OR ZIP SYSTEM PANELS (SPAN INDEX 32/16). ATTACHMENT SHALL BE WITH 8d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES	CORRECTION OF ANY DISCREPANCIES SHALL BE SUBMITTED TO THE OWNER, BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE AT THE COMPLETION OF THE STRUCTURAL PORTION OF THE WORK.	WIND LOAD:	(SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATIO WITH WIND LOAD. TRUSSES SHALL BE DESIGNED FOR COMPONENTS & CLAD WIND PRESSURES.
6. MIX DESIGN MAY INCLUDE WATER REDUCING ADMIXTURES CONFORMING TO ASTM C494, TYPE A, TO PROVIDE WORKABILITY AND SPECIFIED SLUMP WITHOUT EXCEEDING SPECIFIED WATER/CEMENT RATIOS. WATER SHALL NOT BE ADDED ON SITE WITHOUT PRIOR APPROVAL. ANY APPROVED	AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS.	SOIL TESTING AND INSPECTIONS	SNOW LOAD:	(SEE DESIGN LOADS ABOVE)
7. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 5.5% AIR ENTRAINMENT (±1.5%). DO NOT	<ol> <li>FLOOR DECKING SHALL BE 3/4", STURD-I-FLOOR, C-D INT-APA RATED PLYWOOD WITH EXTERIOR GLUE (SPAN INDEX 24"o.c.). ATTACHMENT SHALL BE WITH 10d COMMON NAILS AT 6" ON CENTER AT SUPPORTED EDGES AND AT 12" ON CENTER ALONG ALL INTERMEDIATE SUPPORTS.</li> </ol>	1. A QUALIFIED TESTING LABORATORY SHALL TEST ALL CONTROLLED STRUCTURAL FILL. A MINIMUM OF TWO SOIL COMPACTION TESTS SHALL BE MADE FOR EACH LIFT.	SEISMIC LOAD:	(SEE DESIGN LOADS ABOVE) DO NOT USE COLLATERAL LOAD IN COMBINATIO
EXCEED 3% AIR CONTENT IN CONCRETE RECEIVING A STEEL TROWEL FINISH.	4. PNEUMATIC NAILING MAY BE SUBSTITUTED FOR COMMON NAILS UNDER THE FOLLOWING CONDITIONS:	2. AFTER FOOTING EXCAVATIONS HAVE BEEN MADE TO DESIGN ELEVATIONS, THE INDEPENDENT TESTING AGENCY SHALL INSPECT AND TEST THE BEARING SOIL TO VERIFY THAT IT MEETS THE REQUIRED DESIGN CAPACITY.	CODES:	2021 ARKANSAS FIRE PREVENTION CODE A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)
A. MINIMUM 28 DAY COMPRESSIVE STRENGTH 1000 PSI	A. PNEUMATIC NAIL SUBSTITUTE FOR 8d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.131 INCHES AND LENGTH OF 2 1/2 INCHES.	CONCRETE CONSTRUCTION INSPECTIONS		
B. MINIMUM PORTLAND CEMENT CONTENT188 LBS PER CUBIC YARDC. MINIMUM FLYASH CONTENT376 LBS PER CUBIC YARDD. MAXIMUM PERMISSIBLE W/C RATIO0.95	B. PNEUMATIC NAIL SUBSTITUTE FOR 10d COMMON NAILS SHALL HAVE A MINIMUM DIAMETER OF 0.148 INCHES AND LENGTH OF 3 INCHES.	1. INSPECT REINFORCING STEEL PRIOR TO PLACING CONCRETE. CHECK REINFORCING SIZE, SPACING AND LOCATION.		
	T-HEAD NAILS OR STAPLES ARE NOT ACCEPTABLE.	2. VERIFY SIZE, TYPE, EMBEDMENT DEPTH, PROJECTION AND QUANTITY OF ANCHOR BOLTS.		
CAST-IN-PLACE CONCRETE MIX DESIGN TABLE MIX DESIGN SHALL INCLUDE AT LEAST THE FOLLOWING AMOUNTS OF PORTLAND CEMENT MEETING ASTM C150 OR D595 PER CUBIC YARD OF CONCRETE	PRE-FABRICATED STRUCTURAL WOOD 1. LVL BEAMS SHALL BE 2.0E MICROLLAM LVL OR AN APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES:	3. CYLINDERS SHALL BE MADE FOR DETERMINING THE CONCRETE STRENGTH FROM EACH CLASS OF CONCRETE TO BE PLACED. SAMPLES SHALL BE TAKEN NOT LESS THAN ONCE A DAY, NOR LESS THAN ONCE FOR EACH 150 CUBIC YARDS OF CONCRETE, NOR LESS THAN ONCE FOR EACH 5,000 SQUARE FEET OF SURFACE AREA FOR SLABS OR WALLS. (EACH SAMPLE SHALL CONSIST OF 4 CYLINDERS MADE, HANDLED AND TESTED PER THE SPECIFICATIONS.)		
NON-AIR ENTRAINEDAIR ENTRAINED28 DAY MIN.MIN. CEMENTMAXIMUMMIN. CEMENTMAXIMUMCOMPRESSIVECONTENTPERMISSIBLECONTENTPERMISSIBLESLUMP	MODULUS OF ELASTICITY(E)=2,000,000 PSIALLOWABLE BENDING STRESS(Fb)=2600 PSIALLOWABLE COMPRESSION PERPENDICULAR TO GRAIN(Fc I)=750 PSIALLOWABLE COMPRESSION PARALLEL TO GRAIN(Fc II)=2510 PSI	MADE, HANDLED AND TESTED PER THE SPECIFICATIONS.) 4. EACH TIME THE CYLINDERS ARE MADE THE SLUMP, AIR CONTENT AND TEMPERATURE OF THE CONCRETE SHALL ALSO BE CHECKED.		
STRENGTH (PSI)     (LBS/YARD <sup>3</sup> )     W/C RATIO     (LBS/YARD <sup>3</sup> )     W/C RATIO     w/ WRA       3000     470     0.53     -     -     4"	ALLOWABLE COMPRESSION PARALLEL TO GRAIN (FC II) – 2510 PSI ALLOWABLE HORIZONTAL SHEAR (Fv) = 285 PSI 2. RIMBOARD SHALL BE 1 1/4" TIMBERSTRAND LSL OR AN APPROVED EQUAL WITH THE FOLLOWING	5. THE CONTRACTOR'S METHOD OF MAINTAINING THE MINIMUM CURING TEMPERATURE AND CURING TECHNIQUE SHALL BE REVIEWED.		
4000 564 0.44 6"	MODULUS OF ELASTICITY (E) = 1,300,000 PSI	6. PROVIDE CONTINUOUS INSPECTION OF POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE ELEMENTS TO VERIFY THE INSTALLATION IS IN ACCORDANCE WITH STRUCTURAL DRAWINGS, EVALUATION SERVICE REPORT, AND MANUFACTURER'S INSTRUCTIONS, VERIFY LOCATION, EDGE		

ALLOWABLE BENDING STRESS

ALLOWABLE HORIZONTAL SHEAR

ALLOWABLE COMPRESSION PARALLEL TO GRAIN

ALLOWABLE COMPRESSION PERPENDICULAR TO GRAIN (Fc1) = 680 PSI

(Fb) = 1700 PSI

(Fc II) = 1400 PSI

(Fv) = 400 PSI

	NON-AIR ENTRAINED		AIR ENTRAINED				
28 DAY MIN. COMPRESSIVE STRENGTH (PSI)	MIN. CEMENT CONTENT (LBS/YARD <sup>3</sup> )	MAXIMUM PERMISSIBLE W/C RATIO	MIN. CEMENT CONTENT (LBS/YARD <sup>3</sup> )	MAXIMU PERMISSI W/C RAT			
3000	470	0.53	-	-			
4000	564	0.44	-	-			

ADD'L ADDITIONAL ABOVE FINISHED FLOOR AFF ANCHOR RODS AR ARCH ARCHITECTURAL B PL BASE PLATE BOTTOM OF FOOTING BF BFF BLDG BOS BOT BP BRG BTW C.G. CL CLG CLR CMU COL CONC CONN CONST CONT DBL DEG DIA DIM DLH DTL DWLS EA EBC EL. ELEV EMBED EOS ERECT EWEF EXIST EXP EXT FAS FD FF FFE FIN FLR EL FS FTG G GB HORIZ HP HS HSS I/S INFO INT К K/ft KCS KD KSF LLH LLV LW LWB M.B. MAT'L MAX MC MECH MFR MIN MISC. MPH MTL Ν N.S. NO. NS NTS 0.C. O/S OD OPNG OPP. OSB P## P/T PF### PL PSF PSI R RE: REINF REQ'D RTU S S.J. SCHED. SECT SH SIM SJ SQ STIFF SW T&B T&G TEMP TF TOC TOC TOM TOS TP TS TYP UNO VER VERT VS W w/ w/o WP WT WWF Z

BELOW FINISHED FLOOR BUILDING BOTTOM OF STEEL BOTTOM BOTTOM OF PIER BEARING BETWEEN CHANNEL SHAPE (i.e. C8x11.5) COLD FORMED C SHAPE CENTER OF GRAVIY (KEYED) CONTROL JOINT CENTERLINE CEILING CLEAR CONCRETE MASONRY UNIT COLUMN CONCRETE CONNECTION CONSTRUCTION CONTINUOUS DOUBLE DEGREES DIAMETER DIMENSION DEEP LONGSPAN JOIST (i.e. 60DLH12) DETAIL DOWELS EACH EXTENDED BOTTOM CHORD EXPANSION JOINT ELEVATION ELEVATION EMBEDMENT LENGTH EDGE OF SLAB ERECTION EACH WAY, EACH FACE EXISTING EXPANSION EXTERIOR FROM ADJACENT SPAN FLOOR DRAIN FINISHED FLOOR FINISHED FLOOR ELEVATION FINISHED FLOOR ELEVATION FAR SIDE FOOTING FIELD VERIFY STEEL YIELD STRENGTH JOIST GIRDER (i.e. 24G8N7K) GAUGE GRADE BEAM HORIZONTAL H-PILE SHAPE (i.e. HP8x36) HEADED STUD HOLLOW STRUCTURAL SECTION (STEEL) INSIDE INFORMATION INTERIOR JOIST BEARING ELEVATION JOINT K-JOIST (i.e. 12K1 S.J.) KIPS (KILO-POUNDS) KIPS PER FOOT CONSTANT SHEAR JOIST (i.e. 12KCS2 S.J.) KILN-DRIED KIPS PER SQUARE FOOT KIPS PER SQUARE INCH LONG LEG HORIZONTAL LONG LEG VERTICAL LONG WAY LAM. WOOD BEAM (i.e. LWB3x11) METAL BUILDING MATERIAL MAXIMUM MISC. CHANNEL SHAPE (i.e. MC12x10.6) MOMENT CONNECTION MECHANICAL MANUFACTURER MINIMUM MISCELLANEOUS MILES PER HOUR METAL JOIST SPACES ON GIRDER NON-SHRINK NUMBER NEAR SIDE NOT TO SCALE ON CENTER OUTSIDE OUTSIDE DIAMETER OPENING OPPOSITE ORIENTED STRAN BOARD DRILLED PIER (##-DIA IN INCHES) POST-TENSIONED PAD FOOTING (###-SIZE IN FEET) PLATE POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH RADIUS REFERENCE REINFORCING REQUIRED ROOF TOP UNIT STANDARD STEEL SHAPE (i.e. S10x35) STEEL JOIST (i.e. 12K1 S.J.) SCHEDULE SECTION COLD-FORMED HAT SHAPE SIMILAR (SAWN) CONTROL JOINT SQUARE STIFFENER SHORT WAY TOP AND BOTTOM TONGUE AND GROOVE TEMPERATURE TOP OF FOOTING TOP OF COLUMN TOP OF CONCRETE TOP OF MASONRY TOP OF STEEL TOP OF PIER TUBE STEEL SHAPE (i.e. TS4x4x1/4) TYPICAL UNLESS NOTED OTHERWISE VERIFY VERTICAL VS JOIST (i.e. 2.5VS1) WIDE FLANGE SHAPE (i.e. W8x10)

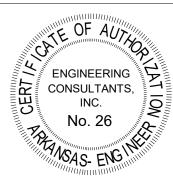
WITH WITHOUT WORK POINT T SHAPE (i.e. WT8x13)

> WELDED WIRE FABRIC COLD FORMED Z SHAPE

AND PROPER MIXING OF ADHESIVE.

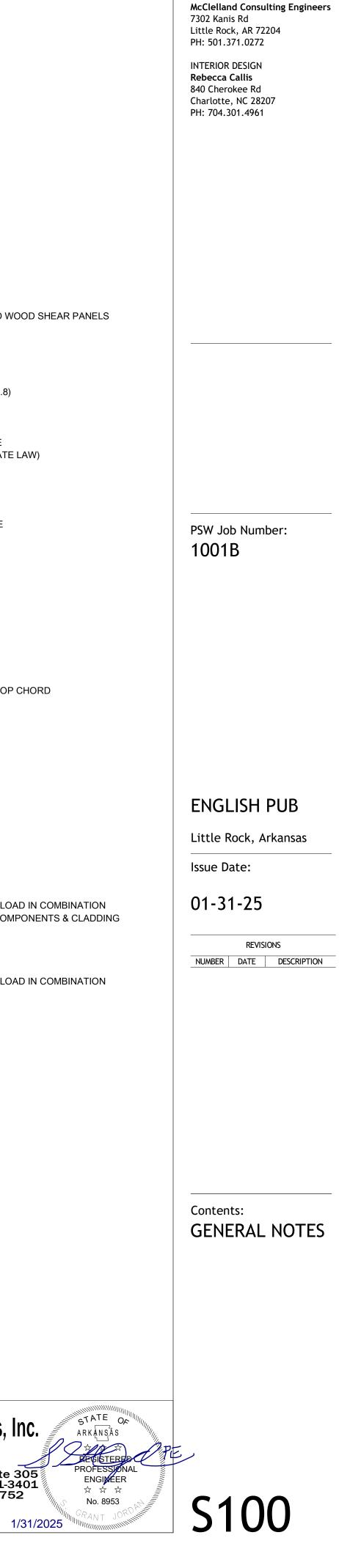
ELEMENTS TO VERIFY THE INSTALLATION IS IN ACCORDANCE WITH STRUCTURAL DRAWINGS, EVALUATION SERVICE REPORT, AND MANUFACTURER'S INSTRUCTIONS. VERIFY LOCATION, EDGE DISTANCES, SPACING, DRILL BIT SIZE, HOLE DEPTH, HOLE CLEANING PROCEDURES, ANCHOR MATERIAL, EMBEDMENT, AND INSTALLATION PROCEDURES INCLUDING CHECKING EXPIRATION DATE

ESIGN LOADS		
EAD LOADS:		WEIGHT OF THE STRUCTURE
OOF LIVE LOADS:		20 PSF
LOOR LIVE LOADS:		100 PSF
ROUND SNOW LOAD LAT ROOF SNOW LOAD NOW EXPOSURE FACTOR NOW IMPORTANCE FACTOR HERMAL FACTOR	Pg: Pf: Ce: Is: Ct:	10 PSF 10 PSF 1.0 1.0 1.0
IND SPEED FOR RISK CATEGORY II & EXPOSURE C	Vult: Vasd:	115 MPH 89 MPH
JILDING RISK CATEGORY		П
IND EXPOSURE CATEGORY ITERNAL PRESSURE COEFFICIENT OMP. & CLADDING WIND PRESSURE	GCpi: Pnet30:	C ±0.18 SEE ASCE 7-16, TABLE 30. 7-2
EISMIC IMPORTANCE FACTOR APPED SPECTRAL RESPONSE ACCELERATIONS	le: Ss: S1:	1.0 0.389 0.150
TE CLASS PECTRAL RESPONSE COEFFICIENT	Sds: Sd1:	D 0.386 0.228
EISMIC DESIGN CATEGORY		D
ASIC SEISMIC-FORCE-RESISTING SYSTEM PER ASCE 7-16, TABLE 12. 2-1)		A. BEARING WALL SYSTEM 15. LIGHT FRAME WOOD WALLS w/ RATED



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STRUCTURAL ENGINEERING

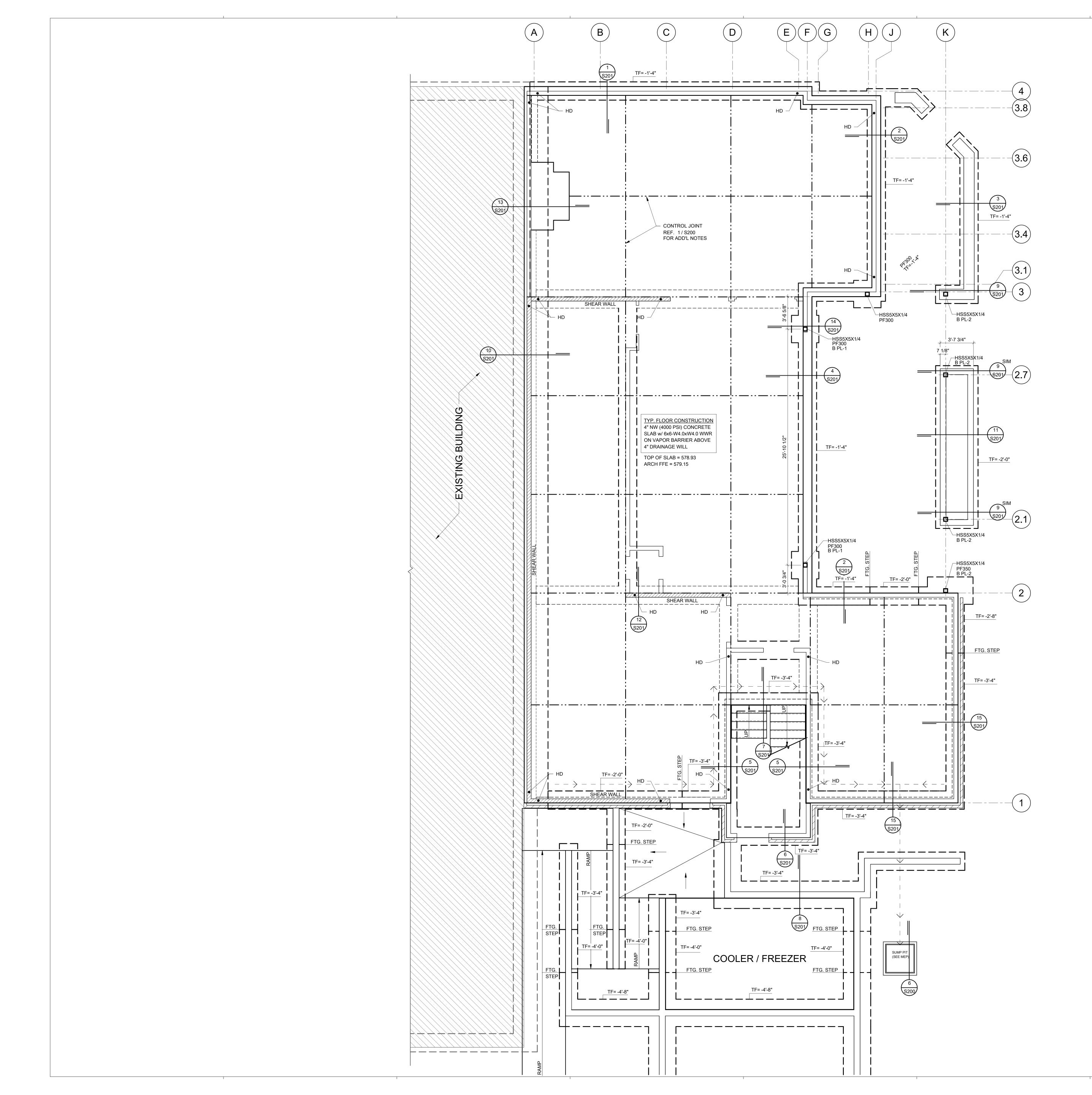
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| STANLEY | WILCOX

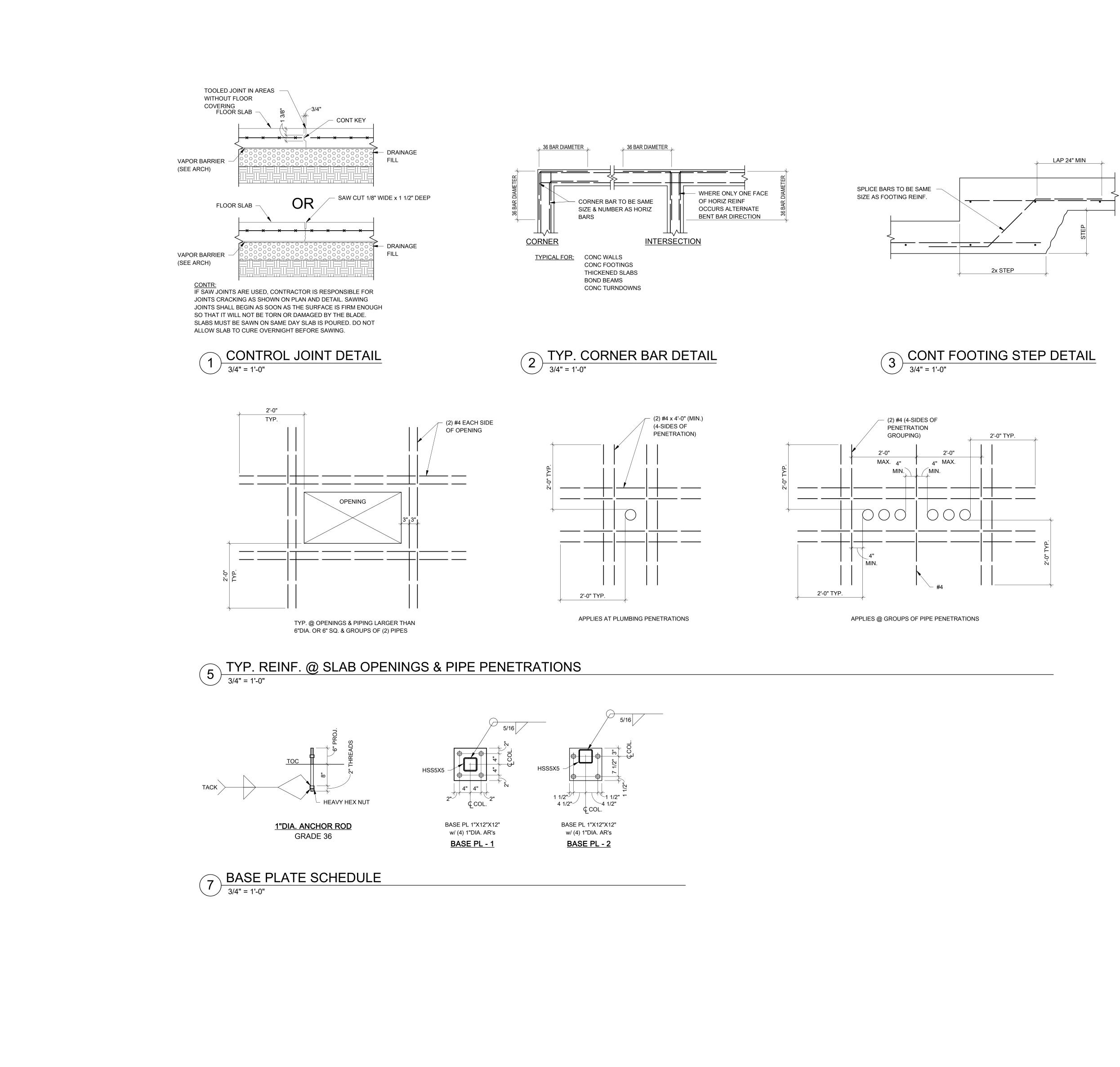


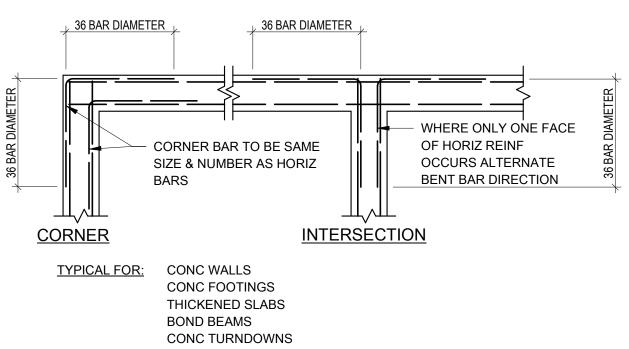


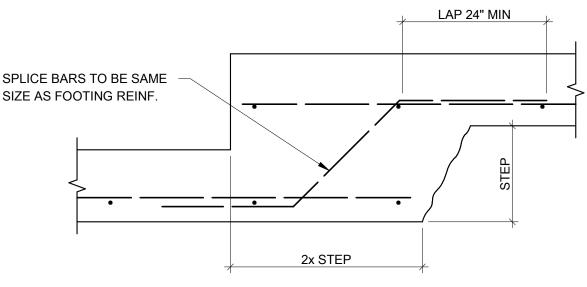


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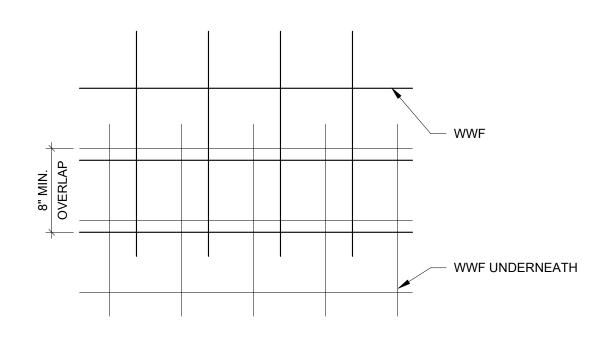




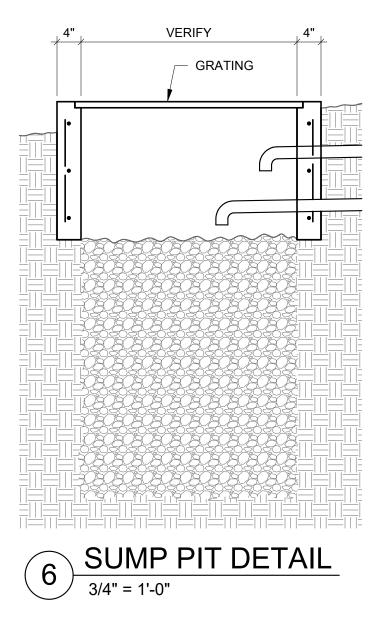


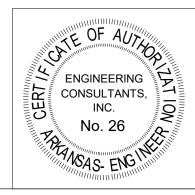






# 4 TYP. WWF OVERLAP

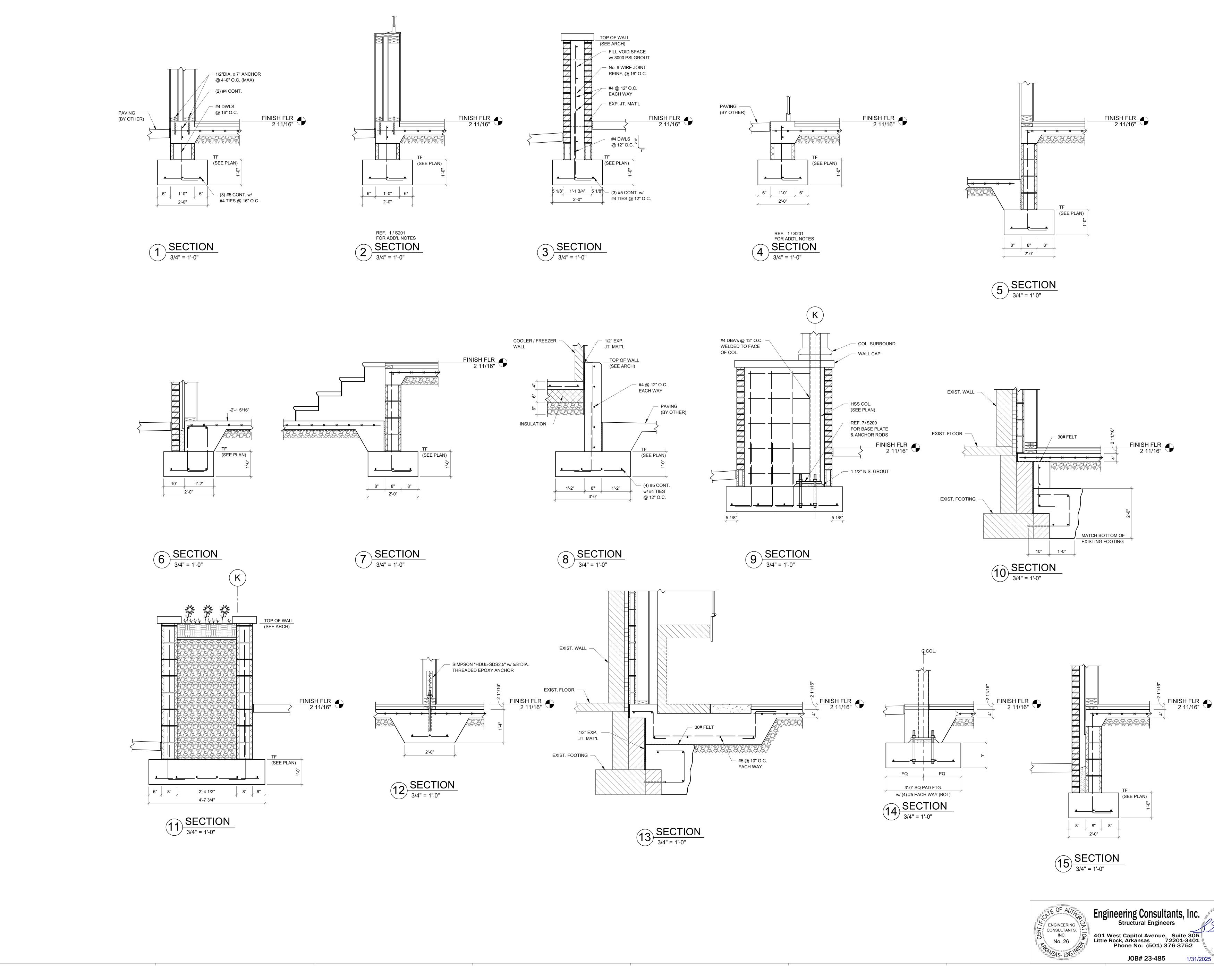




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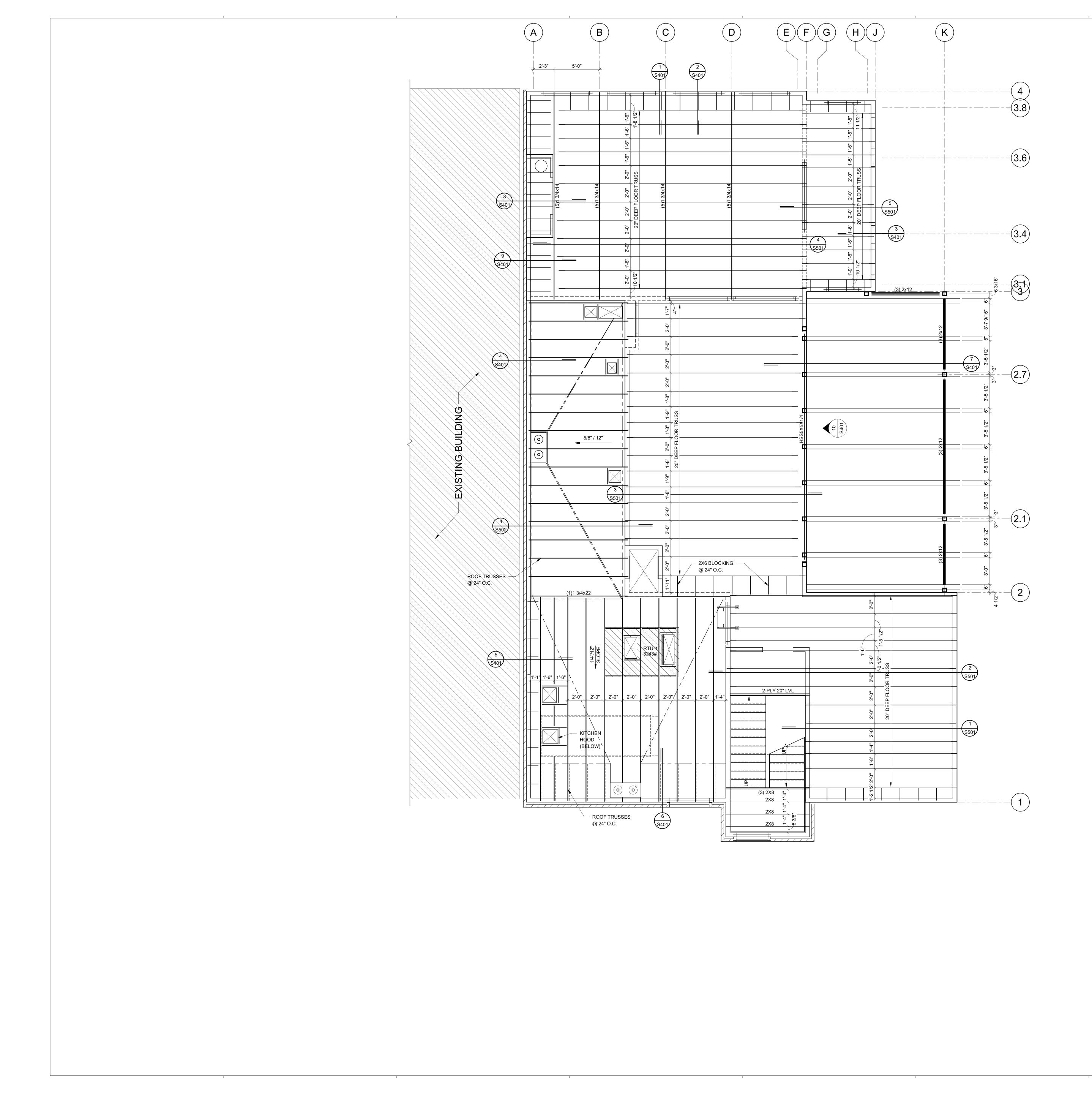
PREGISTERED ENGINEER \* \* \* No. 8953



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ENGINEER \* \* \* No. 8953

S201

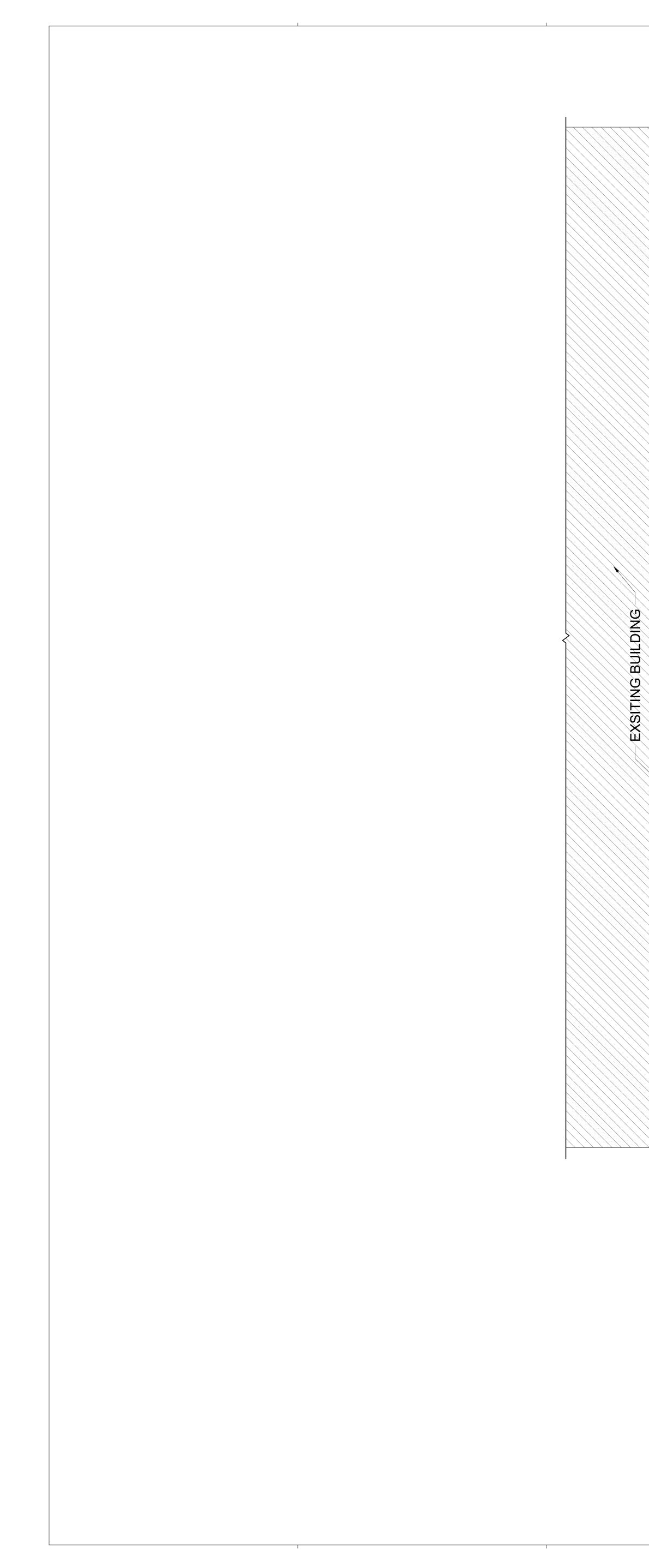


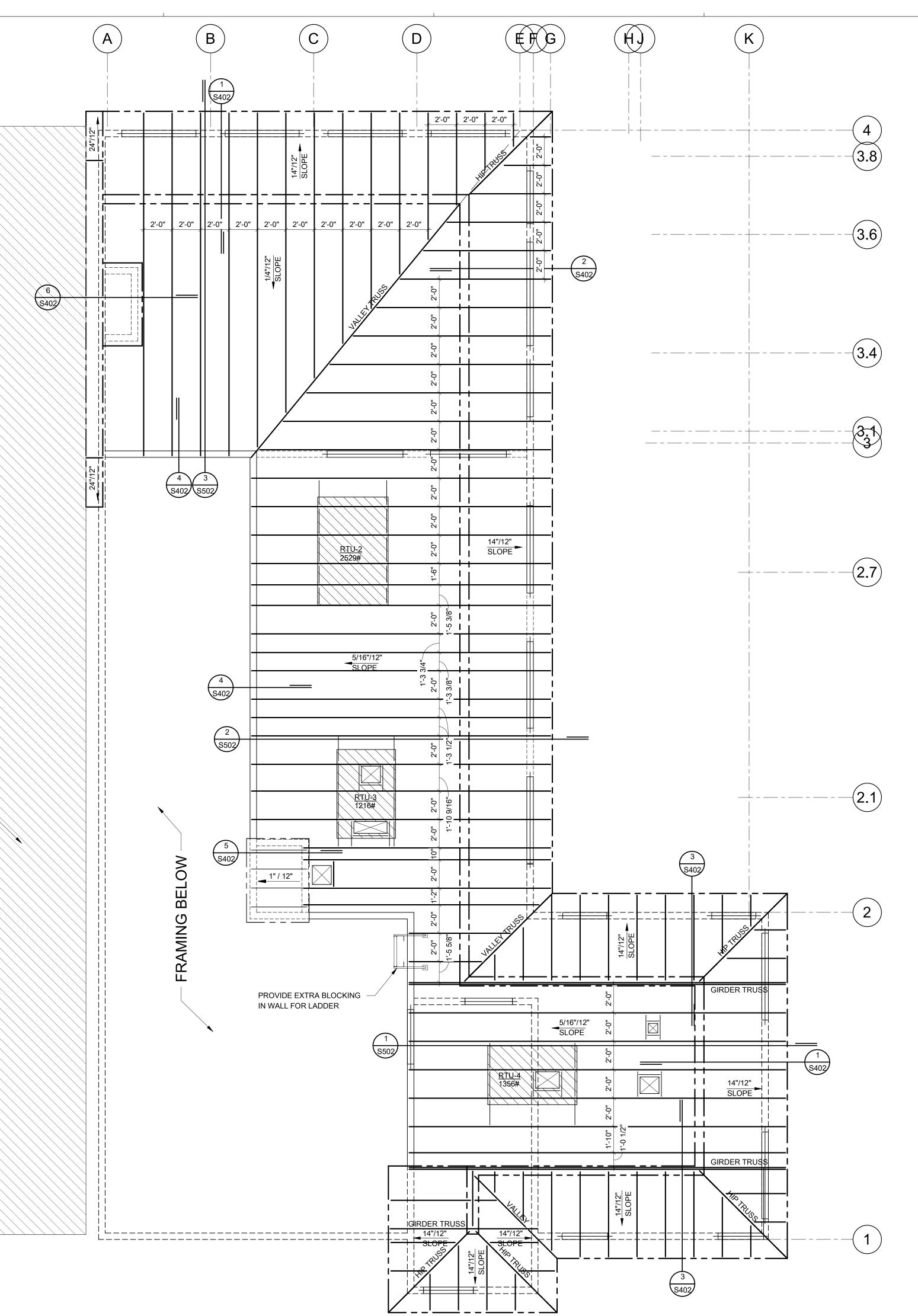




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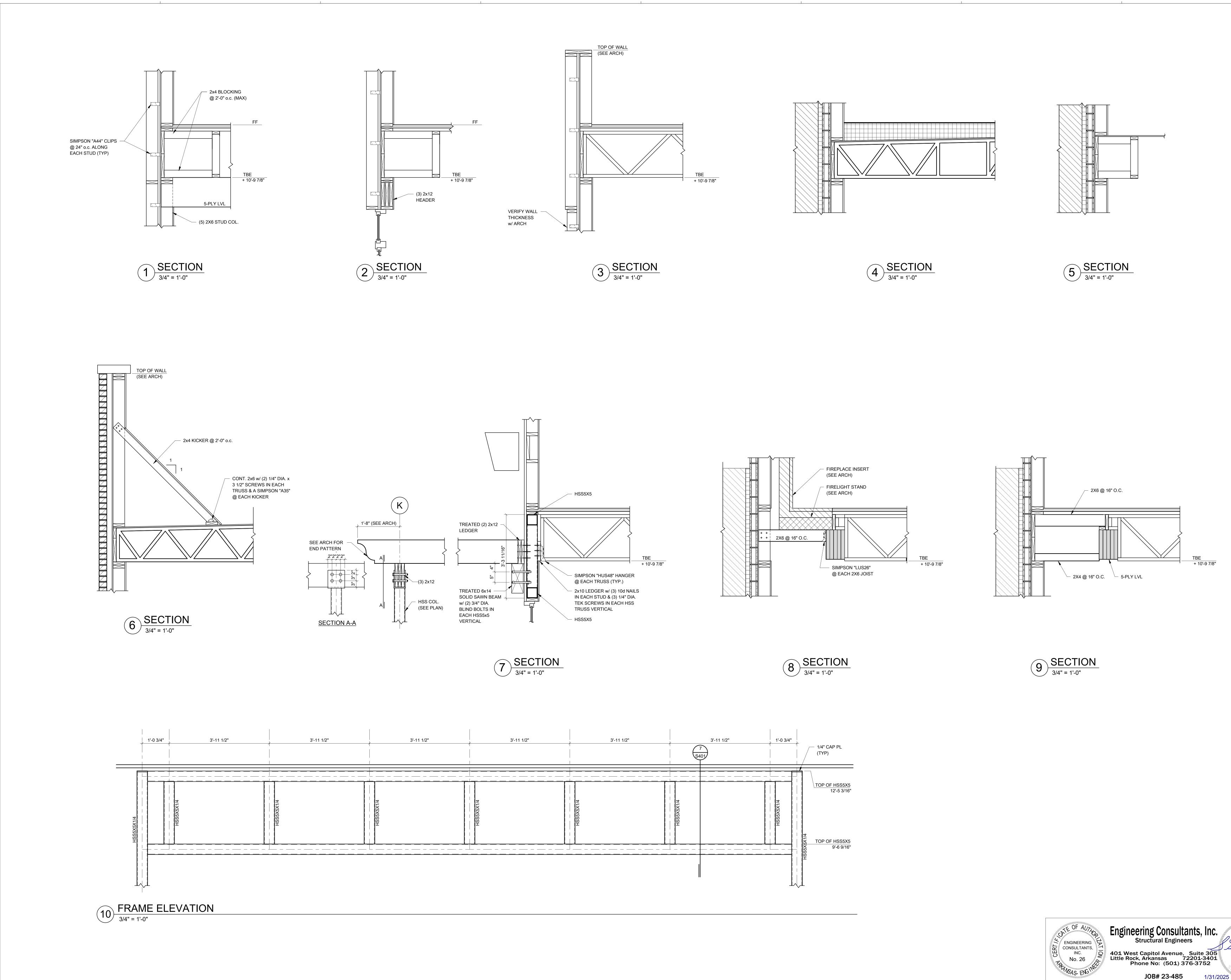


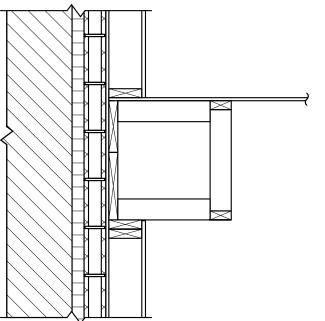


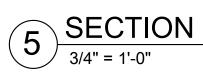


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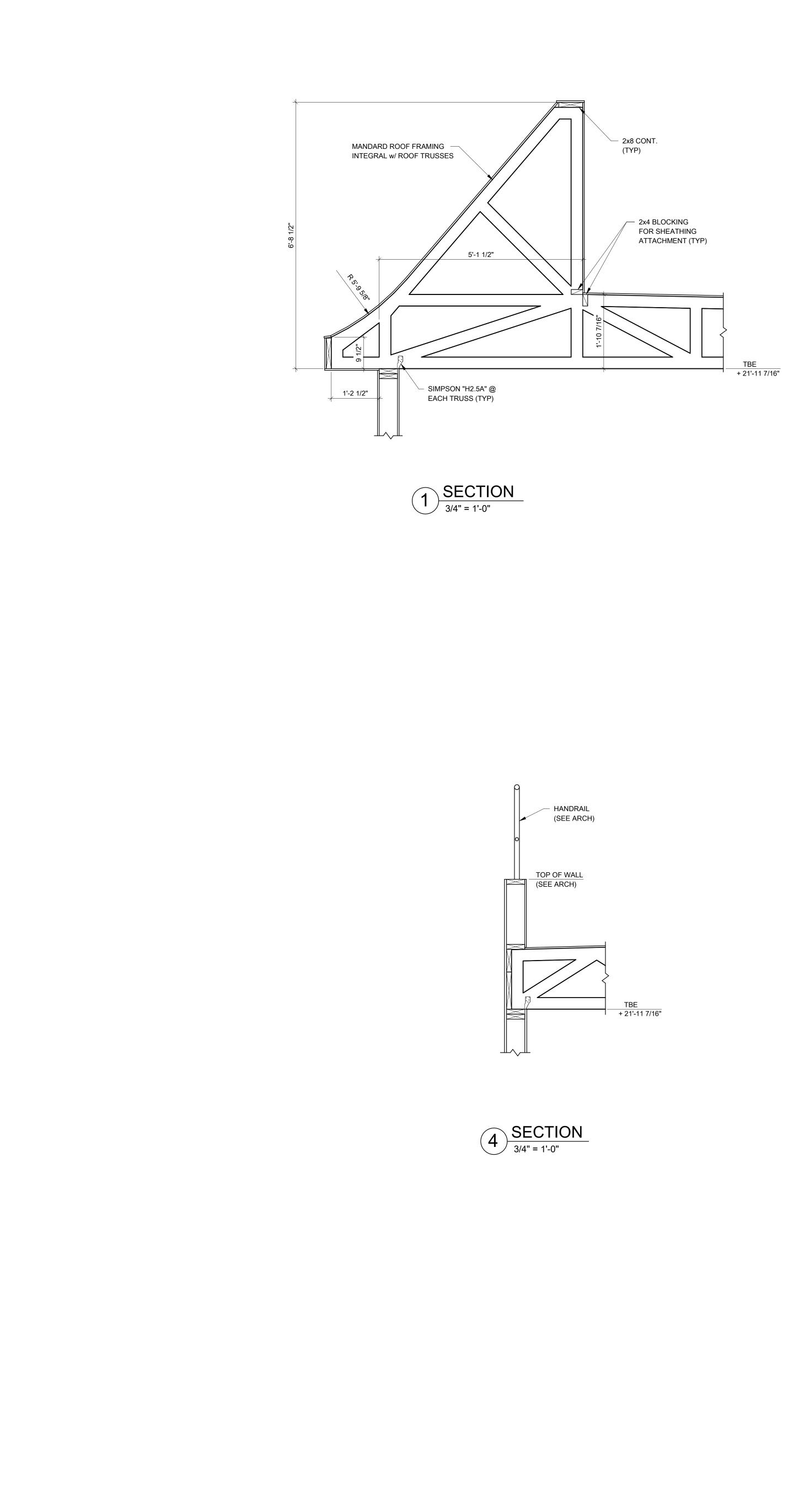
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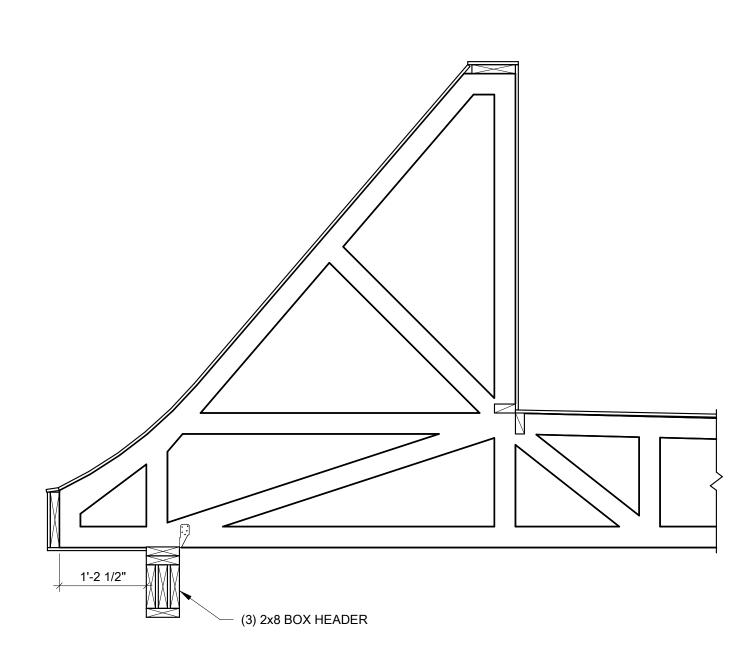




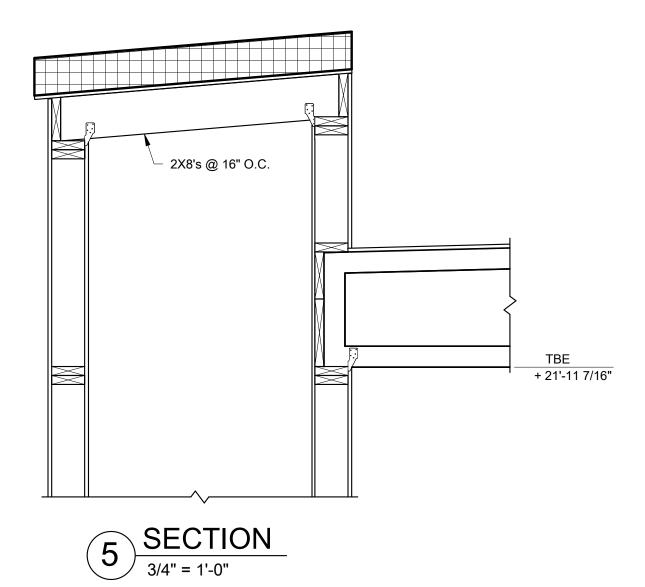


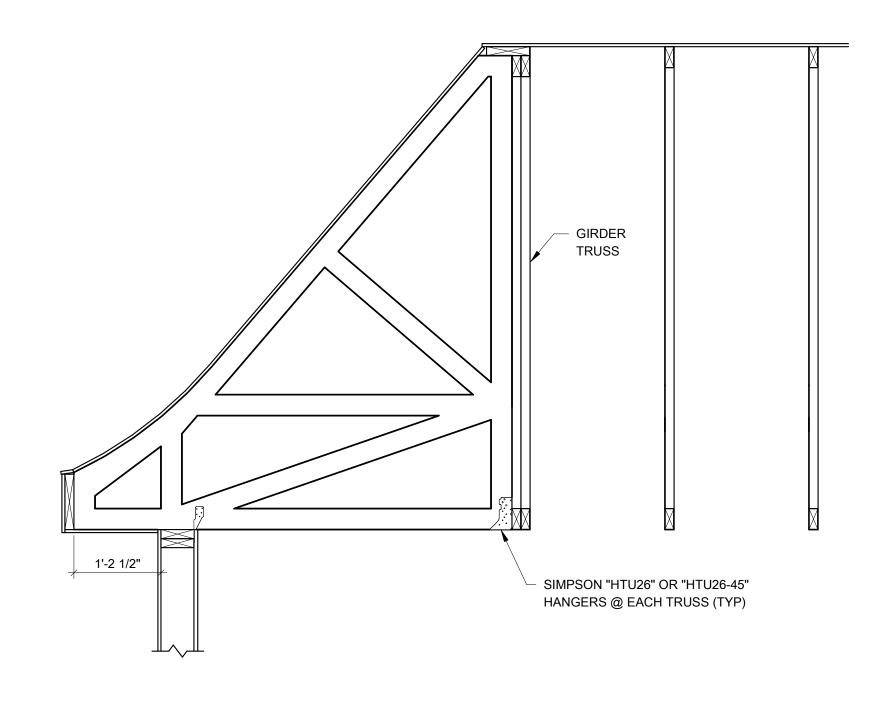
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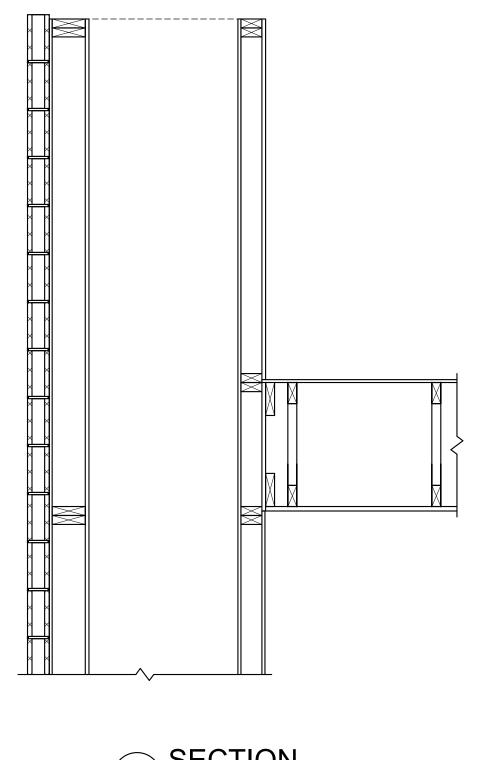


2 <u>SECTION</u> 3/4" = 1'-0"

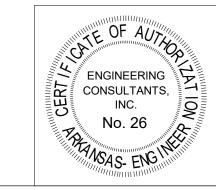




3 <u>SECTION</u> 3/4" = 1'-0"

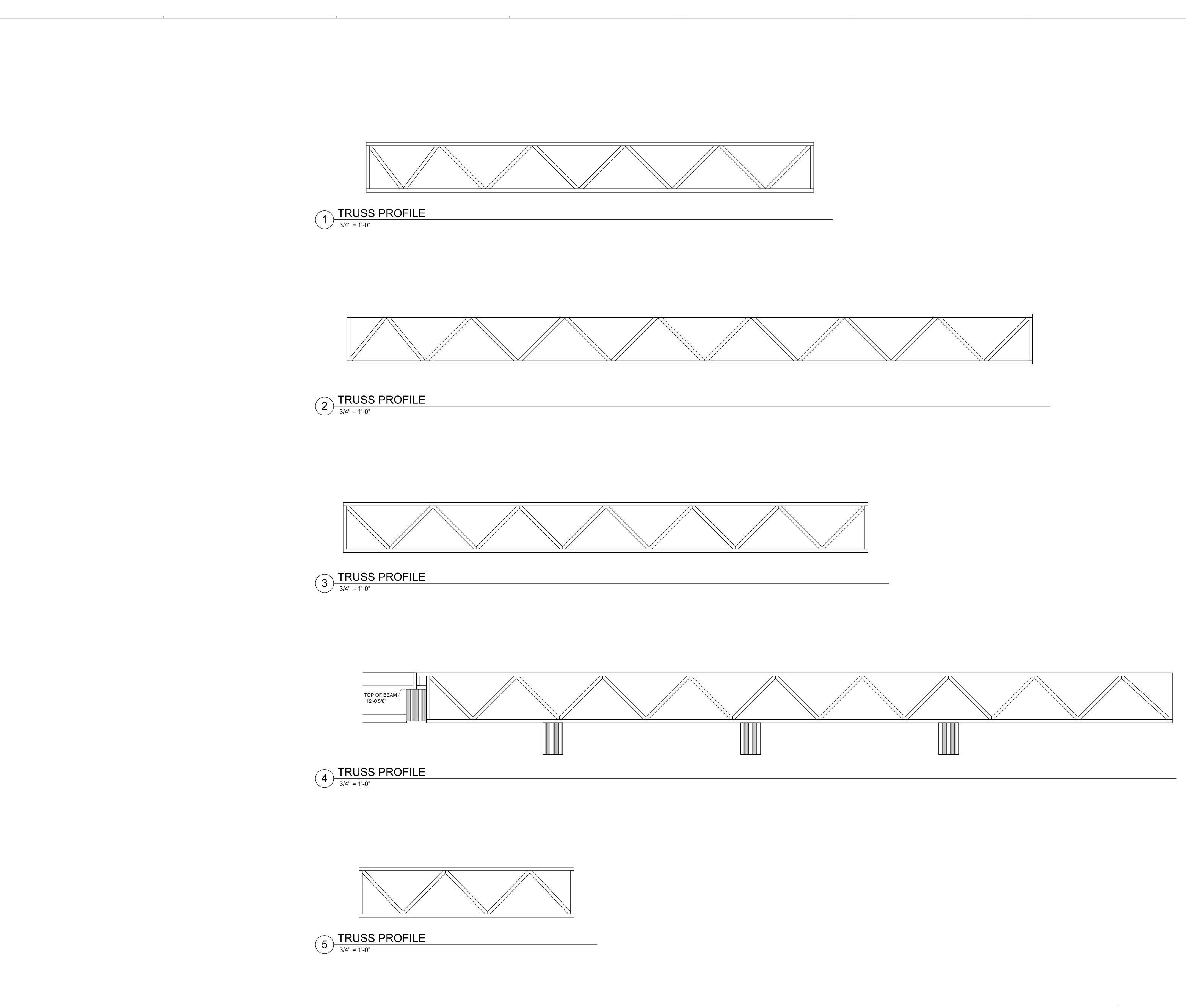


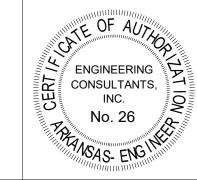
6 SECTION 3/4" = 1'-0"



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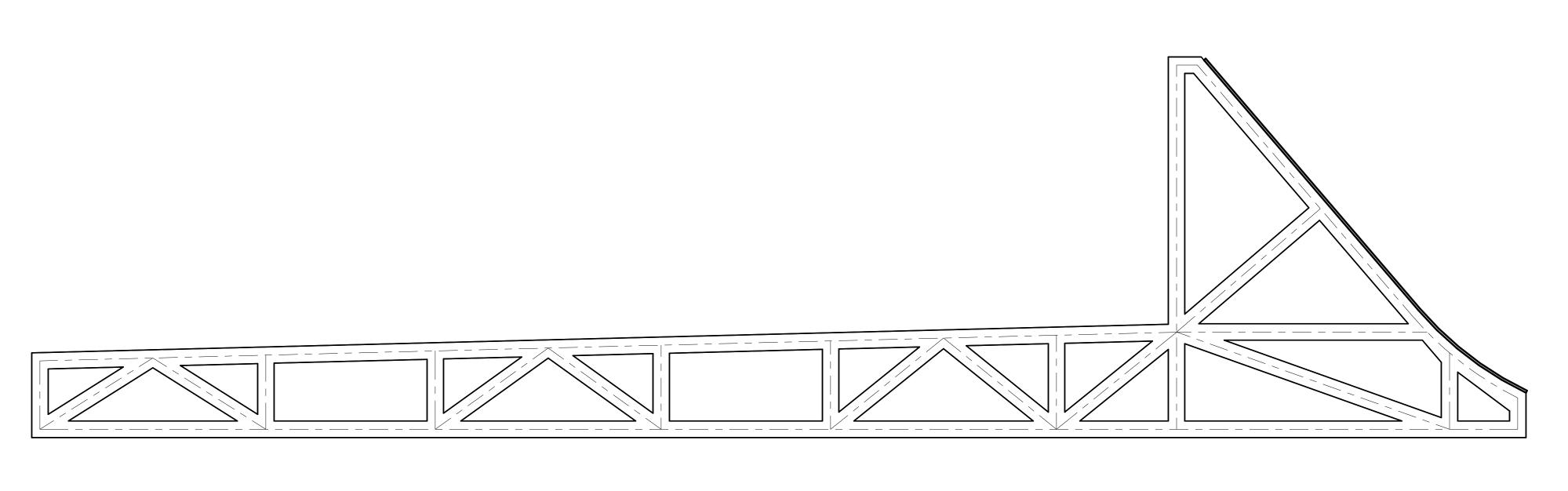
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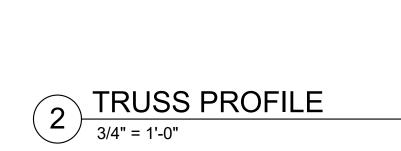


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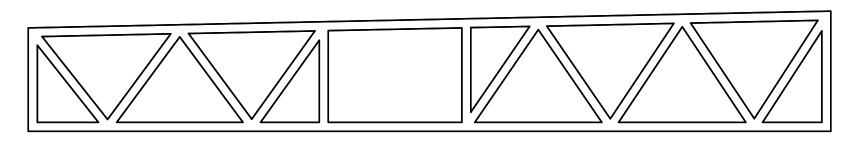
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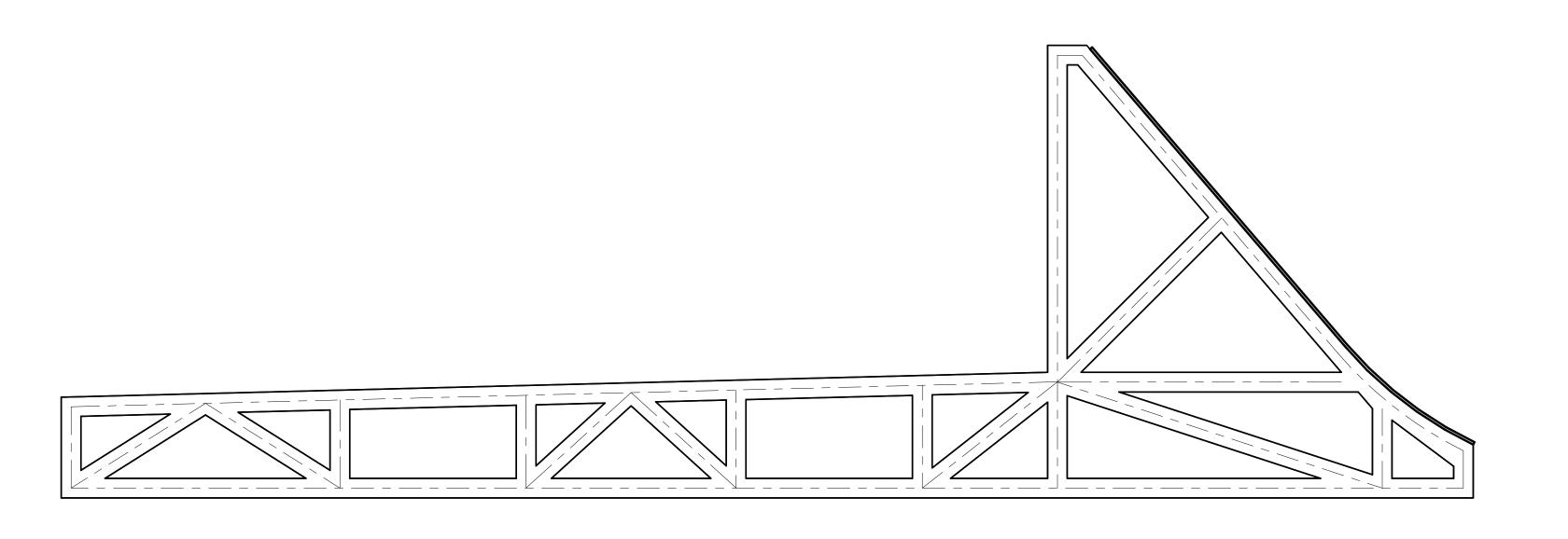
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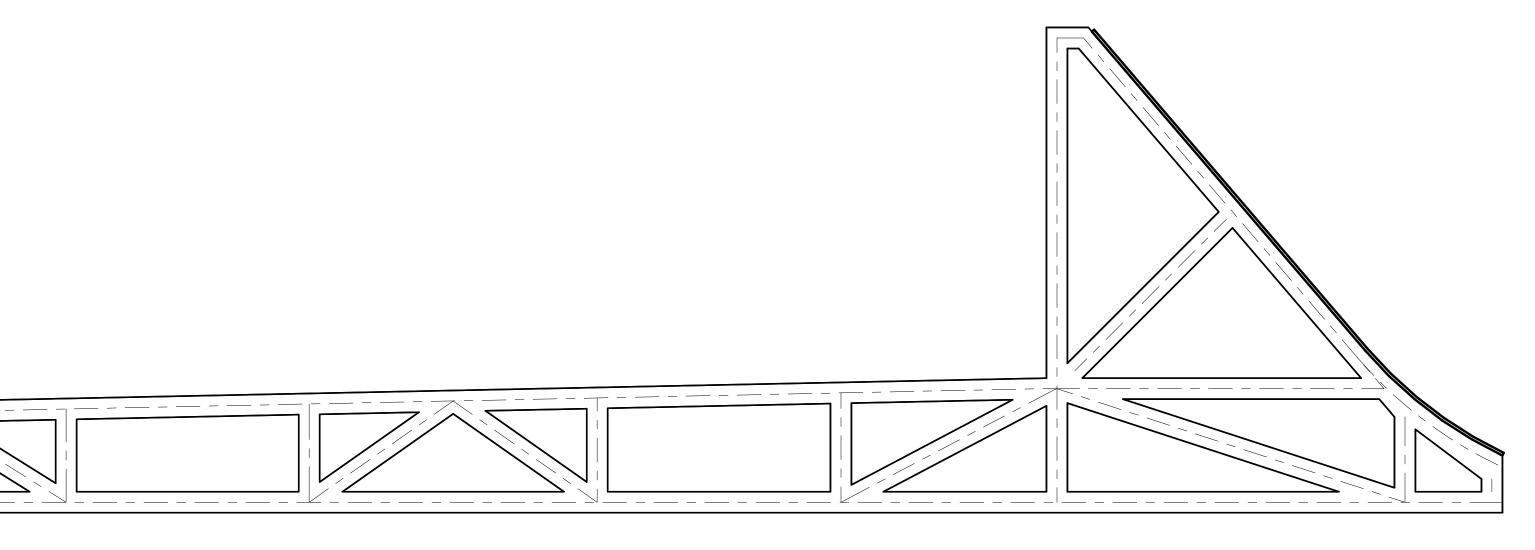


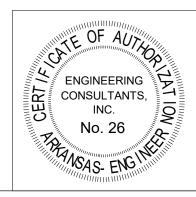
3 TRUSS PROFILE 3/4" = 1'-0"



4 TRUSS PROFILE 3/4" = 1'-0"



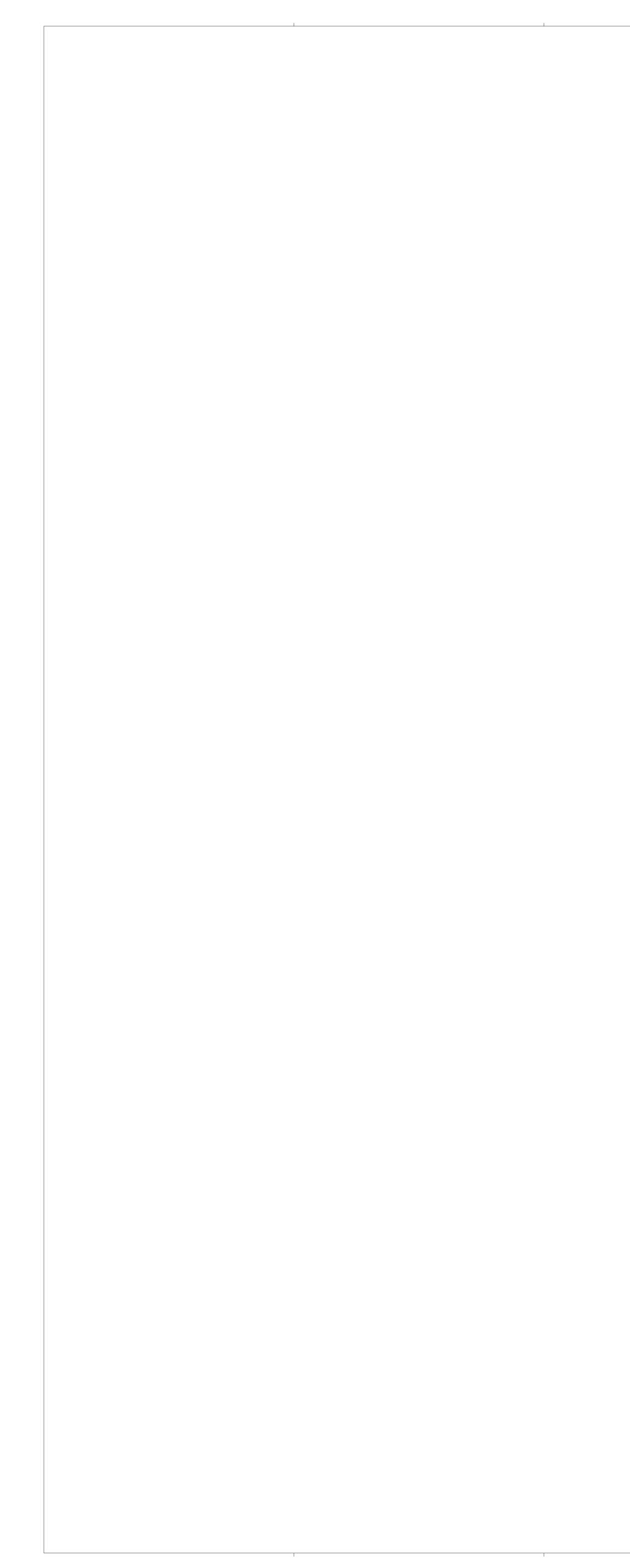




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ARKANSAS ARKANSAS PROFESSIONAL ENGINEER & & & No. 8953



## **GENERAL NOTES:**

- 1. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.

CONTRACT DOCUMENTS.

AND INSTALL THE ITEM.

- 3. REFER TO GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS FOR THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF PROJECT INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK.
- 4. CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE
- 5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID, OR SÚBMITTED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
- 6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
- 7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
- 8. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
- 9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
- 10. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH
- 11. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
- 12. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.
- 13. COORDINATE PLACEMENT OF ALL THERMOSTATS, ROOF MOUNTED EQUIPMENT, ETC. WITH ARCHITECTURAL AND STRUCTURAL TRADES.
- 14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION PRIOR TO BID.
- 15. ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. DO NOT SUBMIT SHOP DRAWINGS FOR ANY EQUIPMENT WHICH MAY BE COORDINATED WITH OWNER FURNISHED ITEMS UNTIL THE APPROVED DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. VERIFY THE APPROVED EQUIPMENT HAS THE SAME ROUGH-IN AND FINAL CONNECTION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. SEE SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHERE APPLICABLE).
- 16. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
- 17. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING.
- 18. ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL
- ROOF PENETRATIONS. 19. SPECIAL CARE SHALL BE TAKEN ON THE ROOFS (NEW AND EXISTING) TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF EXISTING ROOF.
- 20. PROVIDE CONCRETE PADS FOR ALL GROUND-MOUNTED EQUIPMENT.
- 21. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

# **FIRE PROTECTION NOTES:**

- 1. REFER TO GENERAL NOTES ON DRAWING.
- 2. REFER TO DRAWING FOR ADDITIONAL INFORMATION. 3. PROVIDE COMPLETE HYDRAULICALLY CALCULATED, FULLY AUTOMATIC, WET AND DRY
- PIPE SPRINKLER SYSTEMS, AS PER NFPA 13, SPECIFICATIONS, AND LOCAL CODE AND INSURER'S REQUIREMENTS.
- 4. FIRE PROTECTION SYSTEMS, PIPING, PUMPS, VALVES, AND ACCESSORIES INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. IT IS THE RESPONSIBILITY OF THE DESIGNING CONTRACTOR TO VERIFY EQUIPMENT SELECTIONS, PIPE ROUTING, ETC. FOR CODE COMPLIANCE, INSURER COMPLIANCE, AND ARCHITECTURAL/STRUCTURAL CONFORMITY.
- FIRE PROTECTION SYSTEM SHOP DRAWINGS SHALL INCLUDE SEPARATE AND COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS. PROVIDE ADDITIONAL SPRINKLER HEADS (OVER CODE MINIMUM QUANTITIES) IF REQUESTED BY ARCHITECT, TO OBTAIN SYMMETRICAL CEILING LAYOUTS.
- SPRINKLER SYSTEM SHALL BE COMPLETE WITH BACKFLOW PREVENTION DEVICES, VALVES, P.I.V.'S, ALARM BELLS, SIAMESE CONNECTIONS, SPRINKLER PIPES & HEADS, ELECTRONIC SUPERVISION, FIRE DEPARTMENT CONNECTIONS, HYDRANTS, ACCESSORIES, ETC., AS REQUIRED BY NFPA, INSURER, AND LOCAL AUTHORITIES.
- COORDINATE LOCATIONS OF FIRE EXTINGUISHER AND FIRE HOSE CABINETS WITH ARCHITECTURAL PLANS.
- 8. SYSTEM SHALL INTERFACE WITH THE BUILDING FIRE ALARM SYSTEM. SEE ELECTRICAL. 9. PROVIDE HEADS SUITABLE FOR TEMPERATURES TO BE ENCOUNTERED.
- 10. SEE SPECIFICATIONS AND PROJECT MANUAL FOR SYSTEM REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS AND REFLECTED CEILING PLAN.
- 11. ALL VALVES SHALL HAVE ELECTRONIC SUPERVISION. 12. HYDRAULIC CALCULATIONS SHALL BE BASED ON THE HYDRANT FLOW TEST.
- CONTRACTOR SHALL VERIFY FLOW TEST DATA WITH LOCAL AUTHORITIES PRIOR TO SYSTEM DESIGN OR PREPARATION OF SHOP DRAWINGS.
- 13. IF HYDRAULIC CALCULATIONS AND CURRENT FLOW TEST DATA INICATES THAT A FIRE PUMP IS REQUIRED, NOTIFY ENGINEER 4 DAYS PRIOR TO BID.
- 14. THE DESIGNING CONTRACTOR SHALL PROVIDE HEADS AS REQUIRED FOR COOKING SYSTEMS AND GREASE EXHAUST SYSTEMS AS REQUIRED BY LOCAL CODE.
- 15. SPECIAL CONSIDERATION SHALL BE GIVEN TO AREAS THROUGH THE BUILDING SUCH AS DROPPED SOFFITS AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL PLANS TO BUILDING DETAILS.
- 16. LAYOUT THE SPRINKLER PIPING SO THAT THERE IS A MINIMUM SEPARATION OF 18" BETWEEN THE CEILING HEIGHT AND THE BOTTOM OF THE SPRINKLER PIPE, EVEN IF THIS
- REQUIRES RUNNING THE PIPE IN THE JOIST SPACE. 17. DUCT RUNS AND GRAVITY DRAINAGE SYSTEMS HAVE PRIORITY OVER SPRINKLER LINE
- COORDINATE WITH OTHER TRADES. 18. CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR MECHANICAL, PLUMBING AND ELECTRICAL WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS SHALL
- BE AT THE CONTRACTOR'S EXPENSE. 19. THE SPRINKLER CONTRACTOR SHALL BASE HIS DESIGN LAYOUT AND BID ON CAREFUL COORDINATION OF THE MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
- 20. RUN PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS.
- 21. PROVIDE TEST CONNECTIONS AT MOST REMOTE POINT OF MAIN PORTION OF EACH SPRINKLER SYSTEM.
- 22. DO NOT PAINT SPRINKLER HEADS.
- 23. PAINT EXPOSED SPRINKLER PIPING IN FINISHED SPACES PER ARCHITECT'S DIRECTION.
- 24. SPRINKLER HEADS SHALL BE CONCEALED TYPE HEADS.

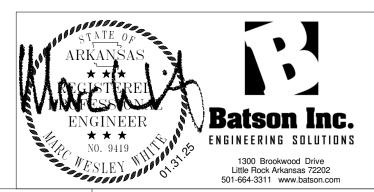
FIRE PROTECTION LEGEND ABBREVIATION DESCRIPTION OR SYMBOL

FIRE PROTECTION SYSTEM

FIRE PROTECTION DRAWING INDEX

F001 F101

FIRE PROTECTION NOTES, LEGEND, & INDEX FIRE PROTECTION FLOOR PLANS



MAINS, BRANCHES, AND DROPS. OFFSET DROPS TO OBTAIN REQUIRED HEAD LAYOUT.









# POLK STANLEY WILCOX

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CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272

INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961

**PSW Job Number:** 1001B

BID DOCUMENTS

ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25

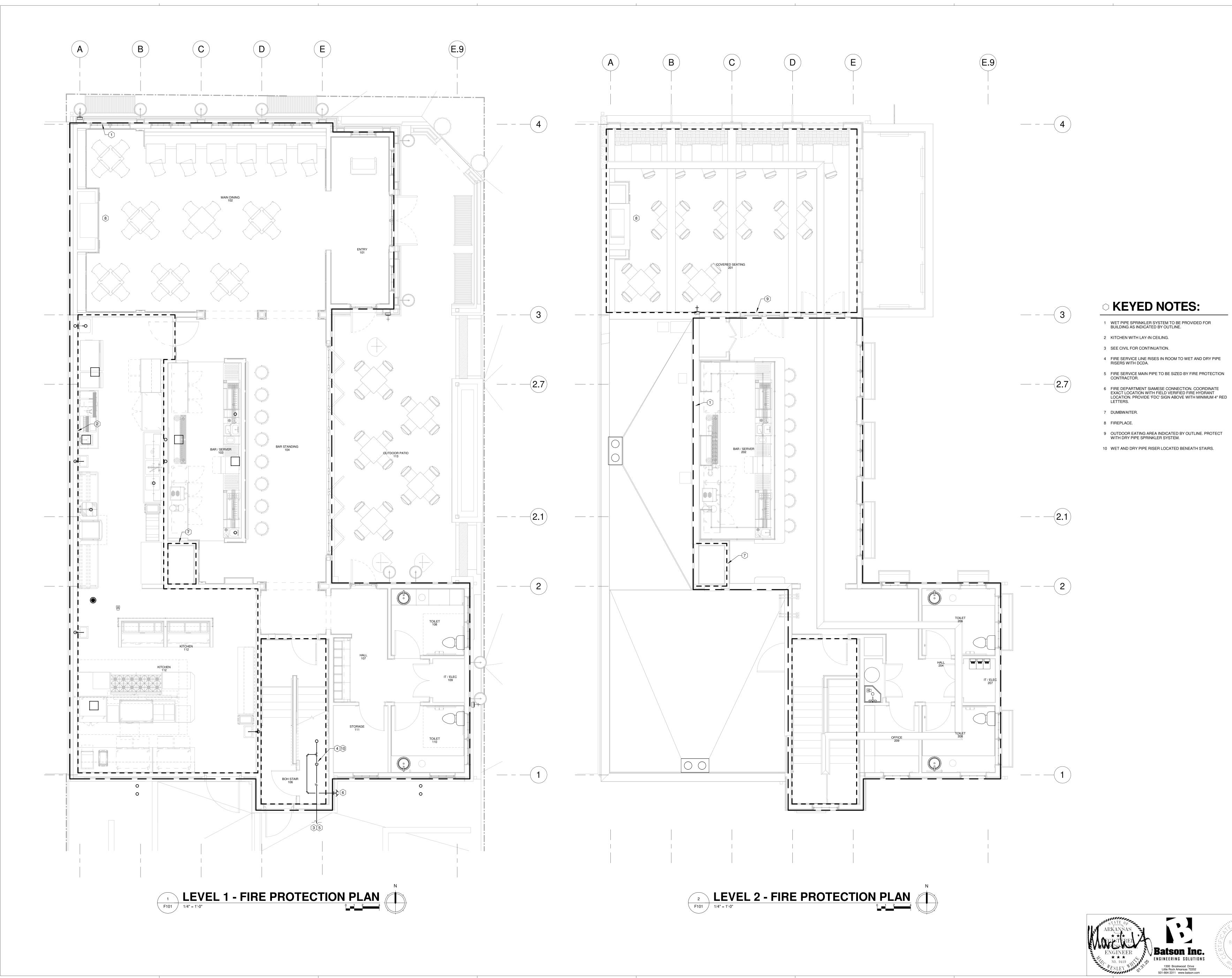
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Contents: FIRE PROTECTION NOTES, LEGEND, & INDEX

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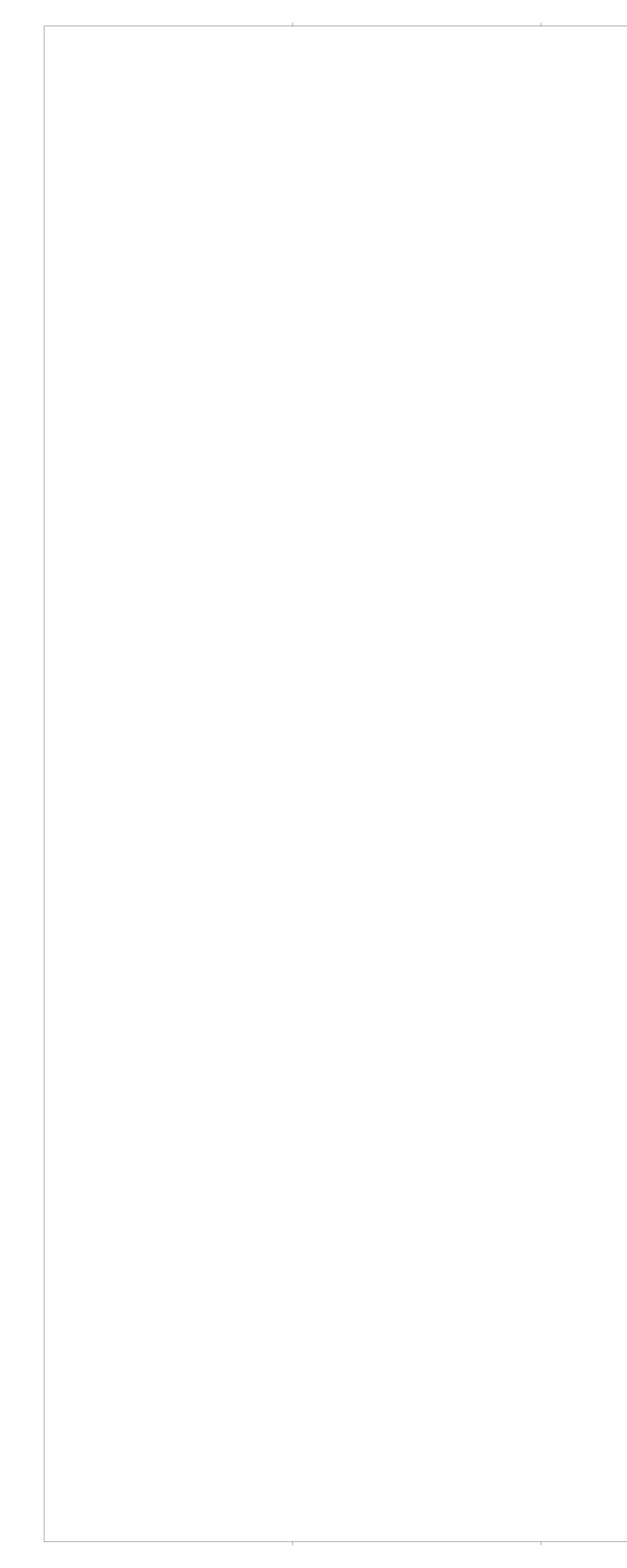
BID DOCUMENTS

ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25

REVISIONS NUMBER DATE DESCRIPTION

Contents: FIRE PROTECTION FLOOR PLANS





# **GENERAL NOTES:**

CONTRACT DOCUMENTS.

- 1. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
- REFER TO GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS FOR THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF
- PROJECT INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK. 4. CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE
- 5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID, OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID.
- 6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
- 7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
- 8. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
- 9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
- 10. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM. 11. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL
- BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
- 12. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.
- 13. COORDINATE PLACEMENT OF ALL THERMOSTATS, ROOF MOUNTED EQUIPMENT, ETC. WITH ARCHITECTURAL AND STRUCTURAL TRADES.
- 14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION PRIOR TO BID.
- 15. ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. DO NOT SUBMIT SHOP DRAWINGS FOR ANY EQUIPMENT WHICH MAY BE COORDINATED WITH OWNER FURNISHED ITEMS UNTIL THE APPROVED DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. VERIFY THE APPROVED EQUIPMENT HAS THE SAME ROUGH-IN AND FINAL CONNECTION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. SEE SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHERE APPLICABLE).
- 16. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.
- 17. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING
- 18. ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS.
- 19. SPECIAL CARE SHALL BE TAKEN ON THE ROOFS (NEW AND EXISTING) TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH BONDING REQUIREMENTS OF EXISTING ROOF.
- 20. PROVIDE CONCRETE PADS FOR ALL GROUND-MOUNTED EQUIPMENT.
- 21. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE WORK.

# **PLUMBING NOTES:**

1. REFER TO GENERAL NOTES ON DRAWING.

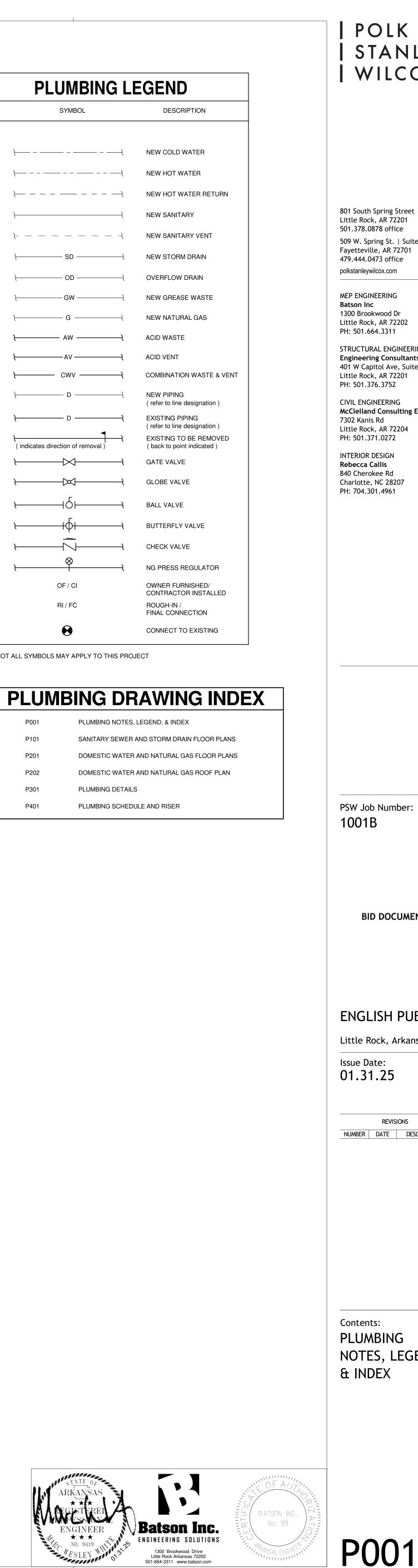
2. CONTRACTOR SHALL VERIFY UTILITIES LOCATIONS AND INVERTS PRIOR TO PLACEMENT OF SERVICES. ALL PLUMBING SYSTEMS SHALL BE INSTALLED AS PER SPECIFICATIONS AND GOVERNING CODES.

- 3. FURNISH AND INSTALL ELECTRIC HEAT TRACING ON ALL EXTERIOR WATER LINES, ON ALL LINES SUBJECT TO FREEZING TEMPERATURES, AND WHEREVER SHOWN ON PLANS. TRACING SHALL BE INSTALLED BENEATH INSULATION. AND SHALL BE PER MANUFACTURERS RECOMMENDATIONS. TRACING SHALL BE CHROMOLOX SELF-LIMITING HEAT TRACING TAPE OR APPROVED EQUAL.
- 4. LIMIT OF WORK UNDER THIS CONTRACT SHALL INCLUDE ALL PIPING TO BUILDING CURB LINE, OR TO 5 FEET OUTSIDE BUILDING. SEE ARCHITECTURAL SPECIFICATIONS.
- 5. ROUTE ALL HORIZONTAL ABOVE GRADE PIPING THROUGH JOIST SPACE EXCEPT AS REQUIRED FOR GRAVITY DRAINAGE.
- 6. SEAL ALL PIPE PENETRATIONS THROUGH RATED ASSEMBLIES, FLOORS, FIRE WALLS AND SMOKE WALLS. SEALANT MATERIAL SHALL BE UL APPROVED, AND SHALL MAINTAIN RATING OF ASSEMBLY BEING PENETRATED.
- 7. ALL PIPE DROPS FROM CEILING PLENUM TO BELOW FLOOR SHALL BE MADE IN FURR-OUTS AT COLUMNS, IN WEB OF BEAMS AT COLUMNS, OR IN WALLS UNLESS SHOWN OTHERWISE.
- 8. DURING INSTALLATION OF ALL SYSTEMS, MAINTAIN A MINIMUM OF 18 INCHES CLEAR BETWEEN SUSPENDED CEILINGS AND ALL EQUIPMENT, PIPING, ETC.
- 9. DO NOT ROUGH-IN FOR ANY OWNER FURNISHED EQUIPMENT UNTIL CUTSHEETS OF EQUIPMENT TO BE INSTALLED ARE PROVIDED.
- 10. ROUTE ALL DRAINS, RELIEFS AND VENTS TO OUTSIDE OR AS INDICATED.
- 11. PROVIDE SHUT-OFF VALVES AT ALL BRANCH WATER LINES, AND AT ALL BRANCHES IN WATER LINES TO INDIVIDUAL FIXTURES OR GROUPS OF FIXTURES. PROVIDE VALVE ABOVE CEILING IN BRANCH SERVING EACH FPWH.
- 12. PROVIDE WATER HAMMER ARRESTORS IN MAIN RUNOUTS AND FIXTURE BRANCHES PROVIDE ACCESS TO ARRESTORS (ACCESS PANELS, ETC.).
- 13. PROVIDE PRESSURE REDUCERS IN WATER SUPPLY LINES TO KEEP PRESSURE BELOW 50 PSI AT ALL OUTLETS. MINIMUM PRESSURE ACCEPTABLE AT WATER OUTLETS IS 15 PSI AT DIRECT SUPPLY FLUSH VALVES, AND 8 PSI AT ALL OTHER OUTLETS. PROVIDE PRESSURE REDUCING VALVE (REGULATOR) AT DOMESTIC WATER SERVICE ENTRANCE, AS REQUIRED.
- 14. PROVIDE BACKFLOW PREVENTION ON MAIN WATER ENTRY TO BUILDING. PROVIDE BACKFLOW PREVENTION OR ANTI-SIPHON DEVICES AT ALL HOSE BIBBS AND WALL HYDRANTS, AND ANYWHERE THE POSSIBILITY OF CONTAMINATING THE POTABLE WATER SYSTEM EXISTS. PROVIDE STOP VALVES AT EVERY FIXTURE ON BOTH HOT AND COLD WATER SUPPLY LINES. VALVES, ESCUTCHEONS, FITTINGS, ETC. SHALL BE CHROMIUM PLATED. WHERE EXPOSED, CHROME PLATED PIPE IS TO BE USED.
- 15. ALL JOINTS FOR UNDERSLAB WATER PIPING SHALL BE MADE ABOVE THE FLOOR. 16. PROVIDE CLEANOUTS IN ALL SANITARY, STORM DRAINAGE & OVERFLOW LINES, WHETHER SHOWN OR NOT, AT INTERVALS NOT TO EXCEED 100 FEET, AT EACH CHANGE IN DIRECTION GREATER THAN 45 DEGREES, AND ON ALL VERTICAL RISERS AT A HEIGHT OF 30" AFF AT THE BASE OF EACH STACK.
- 17. RUN ALL UNDERGROUND SEWER LINES 3'0" MINIMUM AWAY FROM COLUMN LINES TO AVOID CONFLICTS WITH FOOTINGS. COORDINATE WITH STRUCTURAL DRAWINGS.
- 18. ALL SANITARY LINES ARE 1/4" FALL/FOOT WHERE POSSIBLE, AND NOT LESS THAN 1/8" FALL/FOOT IN ANY CASE. VERIFY INVERTS WITH SITE DRAWINGS AND COORDINATE INSTALLATION TO ASSURE PROPER FLOW.
- 19. ALL EXPOSED OR ACCESSIBLE P-TRAPS SHALL BE PROVIDED WITH BOTTOM CLEANOUT PLUGS
- 20. ALL FLOOR DRAINS TO HAVE DEEP SEAL TRAPS WITH 4" DEEP SEAL MINIMUM. 21. PROVIDE SURE SEAL TRAP PROTECTION ON ALL FLOOR DRAINS AND FLOOR SINKS.
- 22. MAINTAIN A MINIMUM OF 10'-0" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS, FLUES, ETC. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.
- 23. ON SEWER VENT LINES RUNNING UP EXTERIOR WALL TO ROOF, OFFSET AS REQUIRED TO MAINTAIN 36" MINIMUM FROM BUILDING PARAPET WALL.
- 24. PROVIDE EXPANSION TANKS FOR WATER HEATERS.
- 25. INSURE CIRCULATING HOT WATER SYSTEM IS CONTINUOUS AND FLOW IS IN DIRECTION INDICATED.
- 26. FOR DOMESTIC HOT WATER CIRCULATING PUMP, PROVIDE AQUASTAT IN RETURN WATER LINE TO STOP PUMP WHENEVER RETURN HOT WATER TEMPERATURE IS LESS THAN 10?F (ADJ) COOLER THAN SUPPLY HOT WATER.
- 27. ALL STORM SEWERS ARE 1/8" FALL/FOOT UNLESS NOTED OTHERWISE. 28. PROVIDE HORIZONTAL BRACING AT ALL STORM DRAINS (INCLUDING OVERFLOWS) WHERE PIPE TURNS FROM HORIZONTAL TO VERTICAL AT EXTERIOR WALLS. BRACING SHALL BE FROM STRUCTURE ABOVE, NOT FROM METAL STUD WALLS.
- 29. UNLESS OTHEERWISE SHOWN, ALL ROOF DRAIN PIPES SHALL BE MINIMUM SIZE EQUAL TO ROOF DRAIN/OVERFLOW DRAIN SIZES INDICATED. 30. PROVIDE 8" WATER COLUMN MINIMUM GAS SYSTEM TO ALL GAS FIRED EQUIPMENT, UNLESS HIGHER PRESSURE IS REQUIRED BY EQUIPMENT (VERIFY WITH MANUFACTURER). MINIMUM REQUIREMENTS TO COMPLY WITH A.G.A. STANDARDS, HOWEVER, UNDER NO CIRCUMSTANCES SHALL GAS LINES BE RUN INSIDE THE BUILDING
- WHICH CONTAIN GAS PRESSURES OF 5 PSI OR ABOVE. 31. PROVIDE SHUT-OFF COCK, 6" DIRT LEG, AND UNION IN GAS LINE AT ALL CONNECTIONS TO GAS BURNING EQUIPMENT, INCLUDING ROOF TOP EQUIPMENT, IF APPLICABLE. UNIONS SHALL BE DIELECTRIC TYPE IF EQUIPMENT CONNECTION AND GAS PIPE ARE OF DIFFERENT METALS.
- 32. PROVIDE REGULATORS WHERE INDICATED. PROVIDE VENTS TO OUTDOORS OR CODE APPROVED VENT LIMITING DEVICES.
- 33. PROVIDE ALL EQUIPMENT AT GAS METER AS REQUIRED BY LOCAL UTILITY. 35. PROVIDE OUTDOOR RATED FLEXIBLE GAS PIPING AT CONNECTION TO EACH ROOFTOP HEATING UNIT.
- 36. PAINT OUTDOOR GAS PIPING ANSI SPECIFICATION YELLOW OR AS SPECIFIED BY ARCHITECT. PREP AND PRIME PIPING BEFORE PAINTING. PAINTING SHALL BE CONTINUOUS AT SUPPORTS. TOUCH UP PAINT WHERE EVER IT IS DAMAGED OR NOT
- COMPLETELY PAINTED. 37. SPACING OF SUPPORTS ON THE ROOF SHALL BE THE SAME AS SPECIFIED FOR HANGING SUPPORTS AND COMPLY WITH CODE.
- 38. GREASE INTERCEPTORS SHALL BE PROVIDED ON PREMISES OF EACH RESTAURANT OR FOOD SERVICE TENANT. SIZE SHALL BE BASED ON TENANT'S PROPOSED PLUMBING EQUIPMENT AND AS APPROVED BY LOCAL AUTHORITY.
- 39. AMERICANS WITH DISABILITIES ACT: A. ALL PLUMBING FACILITIES SHALL BE INSTALLED IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. REQUIREMENTS INCLUDE THE FOLLOWING: 1. WATER CLOSET FLUSH CONTROLS, SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA. 2. HOT WATER PIPING AND TRAPS ON FIXTURES SUPPLIED WITH
  - HOT WATER SHALL BE INSULATED. 3. ALL CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND WITHOUT TIGHT GRASPING,
- PINCHING, OR TWISTING OF THE WRIST. B. FIXTURE AND CONTROLS MOUNTING HEIGHTS, CLEAR KNEE SPACE, ACCESS CLEARANCES, ETC. SHALL COMPLY WITH ADA REQUIRED DIMENSIONS, AND AS ON DETAILS OR SCHEDULES WHEN SHOWN.

DESCRIPTION
NEW COLD WATER
NEW HOT WATER
NEW HOT WATER RETURN
NEW SANITARY
NEW SANITARY VENT
NEW STORM DRAIN
OVERFLOW DRAIN
NEW GREASE WASTE
NEW NATURAL GAS
ACID WASTE
ACID VENT
COMBINATION WASTE & VE
NEW PIPING ( refer to line designation )
EXISTING PIPING (refer to line designation )
EXISTING TO BE REMOVED ( back to point indicated )
GATE VALVE
GLOBE VALVE
BALL VALVE
BUTTERFLY VALVE
CHECK VALVE
NG PRESS REGULATOR
OWNER FURNISHED/ CONTRACTOR INSTALLED
ROUGH-IN / FINAL CONNECTION
CONNECT TO EXISTING

\* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

P001	PLUMBING NOTES, LEGEND, & INDEX
P101	SANITARY SEWER AND STORM DRAIN FLOOR PL/
P201	DOMESTIC WATER AND NATURAL GAS FLOOR PL
P202	DOMESTIC WATER AND NATURAL GAS ROOF PLA
P301	PLUMBING DETAILS
P401	PLUMBING SCHEDULE AND RISER



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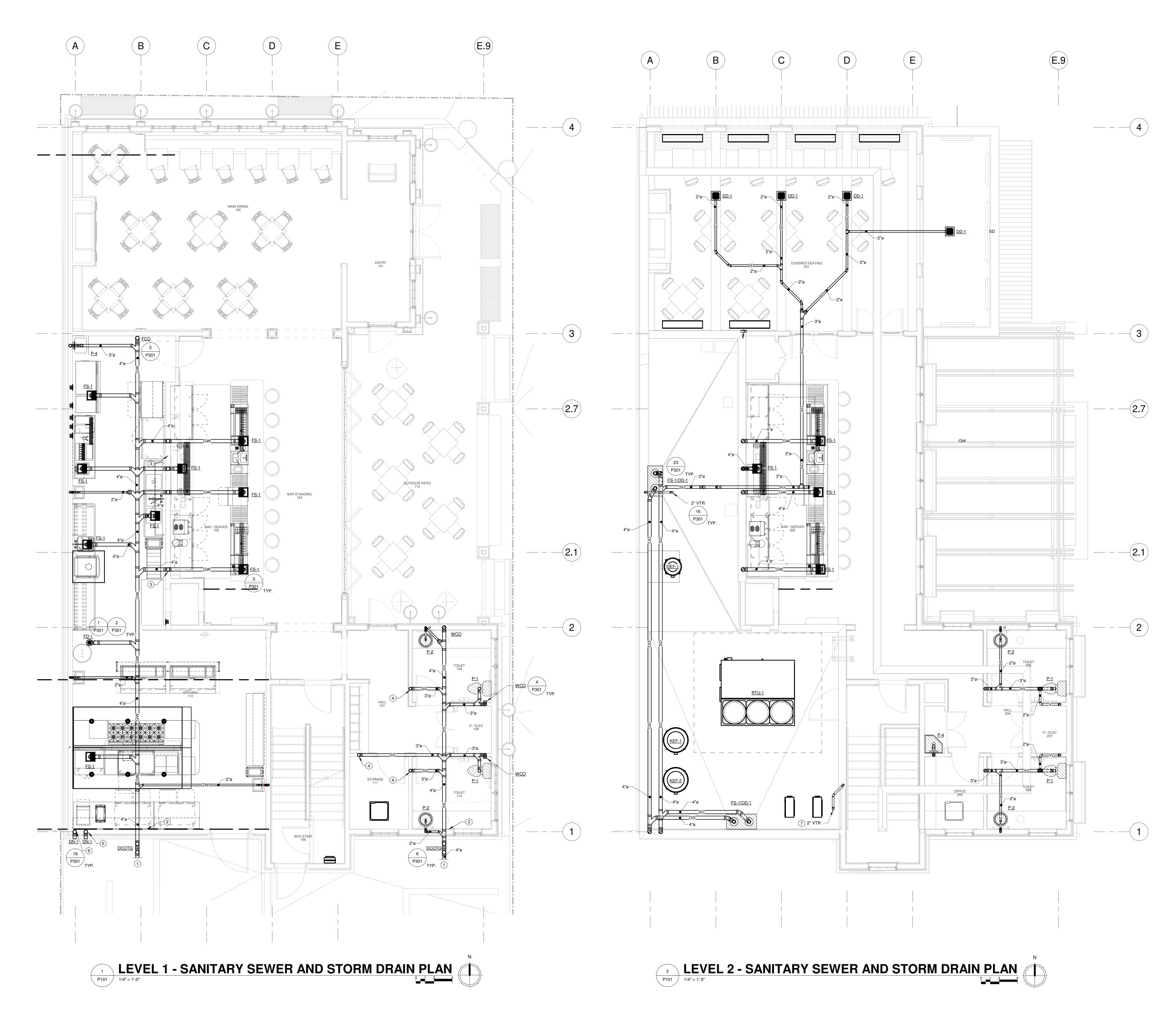
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**ENGLISH PUB** Little Rock, Arkansas

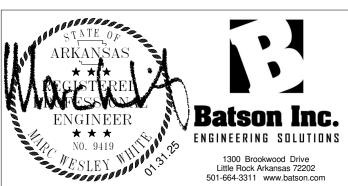
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NOTES, LEGEND,



### ○ KEYED NOTES:

- 1 REFER TO CIVIL PLANS FOR CONTINUATION.
- 2 SANITARY SEWER AND GREASE WASTE LINES ARE AT FL.573.80, APPROXIMATELY. COORDINATE ROUTING WITH CIVIL PLANS TO AVOID CONFLICTS
- 3 GREASE WASTE RISER UP TO SERVE LEVEL 2 BAR.
- 4 SANITARY SEWER RISER UP TO SERVE LEVEL 2 PLUMBING FIXTURES.
- 5 STORM DRAIN RISER UP TO SERVE ROOF DRAINS.
- 6 OVERFLOW DRAIN RISER UP TO SERVE OVERFLOW DRAINS.
- 7 ALL VENT THRU ROOF (VTR) TO MAINTAIN A MINIMUM OF 10'-0" FROM ALL OUTSIDE AIR INTAKES, TYPICAL.





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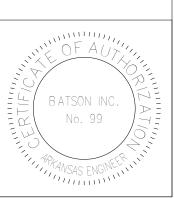
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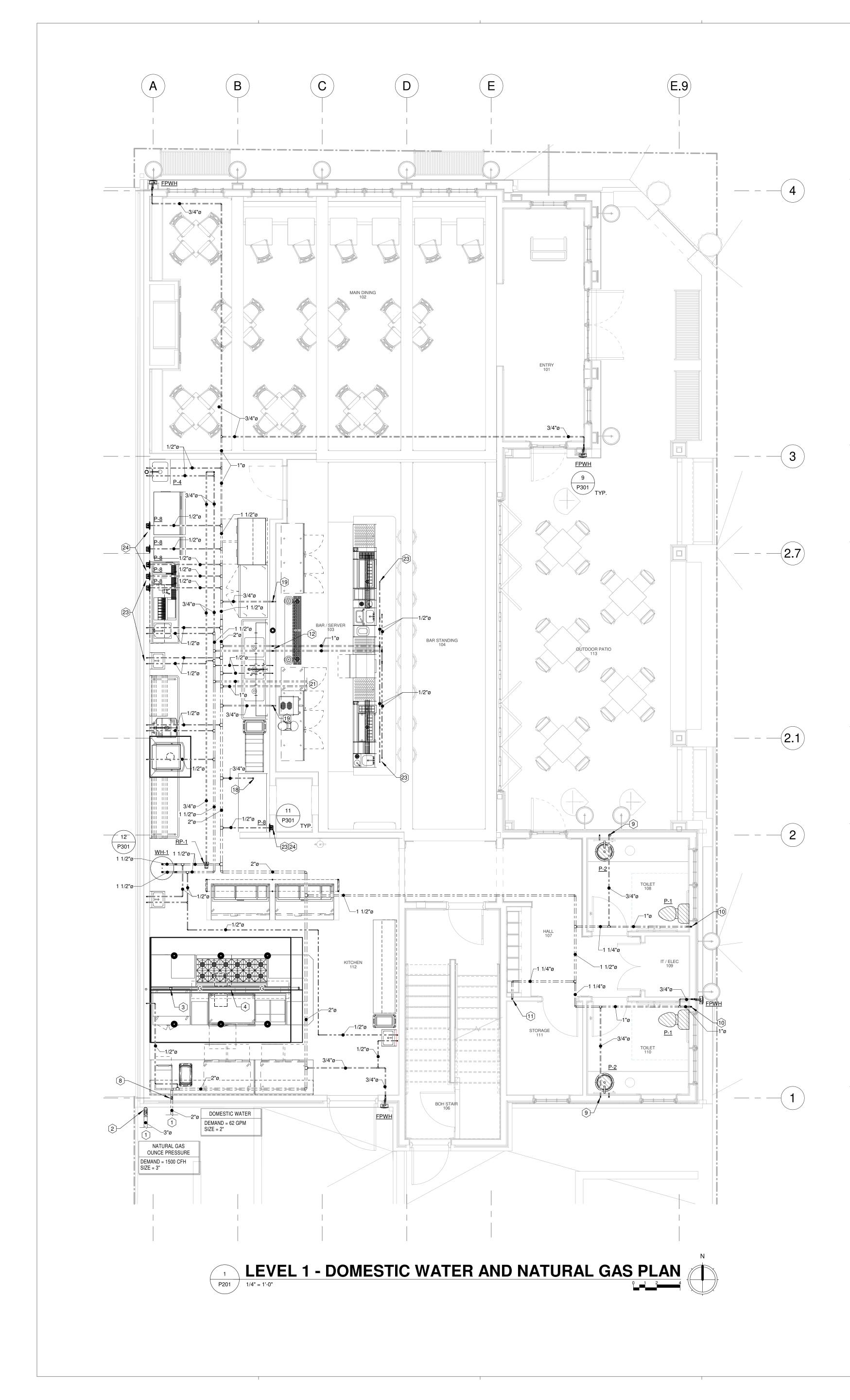
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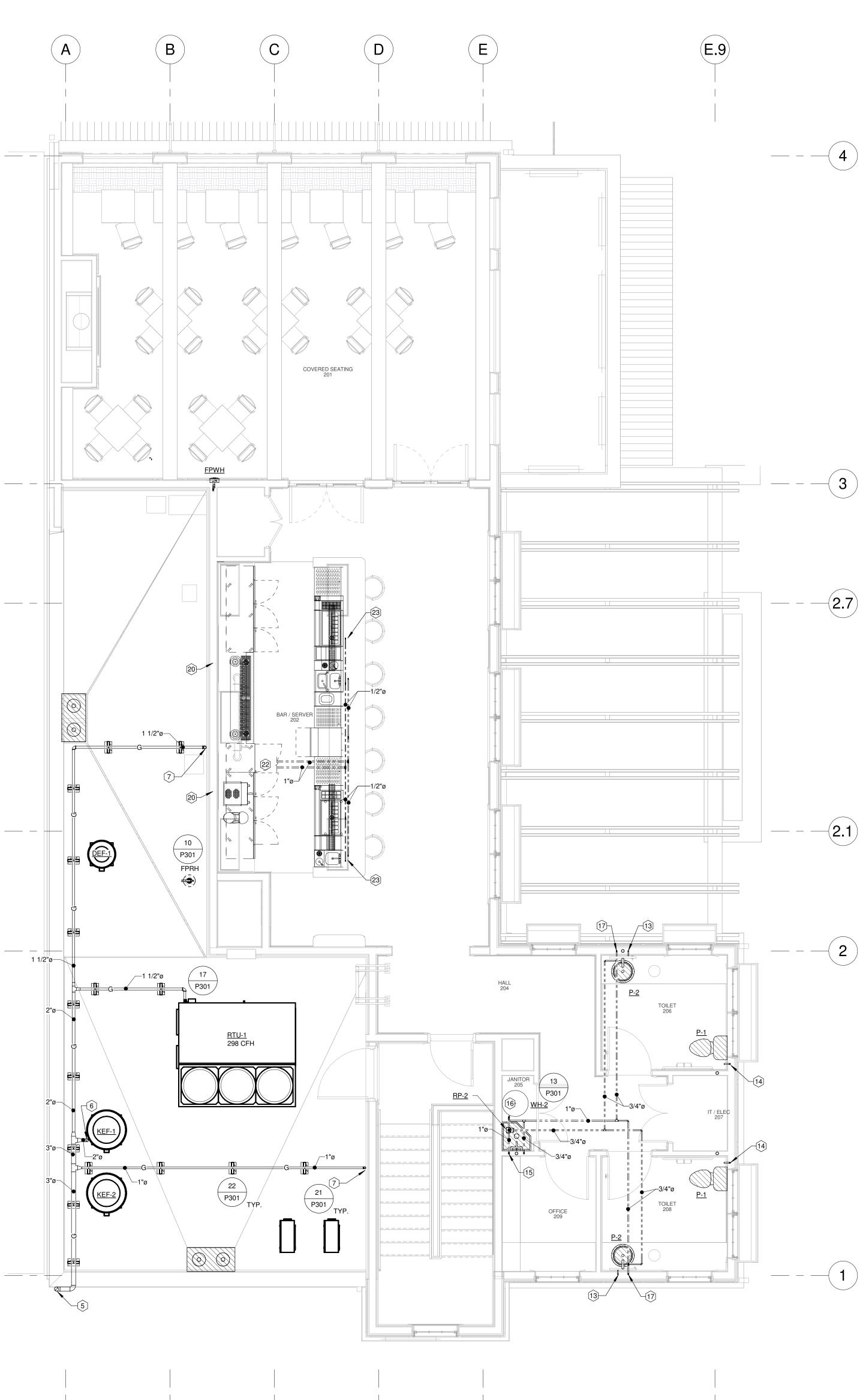
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Contents: SANITARY SEWER AND STORM DRAIN FLOOR PLANS











# 2 LEVEL 2 - DOMESTIC WATER AND NATURAL GAS PLAN

1	REFER TO CIVIL PLANS FOR CONTINUATION.
2	NATURAL GAS RISER UP EXTERIOR OF BUILDIN SECURE RISER IN A MINIMUM OF THREE LOCAT EXTERIOR WALL. SEE 2/P201 FOR CONTINUATION
3	NATURAL GAS LINE DROP TO SERVE KITCHEN H 2/P201 FOR CONTINUATION.
4	NATURAL GAS HEADER TO SERVE KITCHEN EQI
5	NATURAL GAS SERVICE LINE DROPS DOWN EXT BULIDING. SEE 1/P201 FOR CONTINUATION.
6	NATURAL GAS LINE DROPS TO SERVE KITCHEN SEE 1/P201 FOR CONTINUATION.
7	NATURAL GAS LINE RISES TO SERVE MECHANIC EQUIPMENT ON UPPER ROOF. SEE 1/P202 FOR CONTINUATION.
8	DOMESTIC WATER LINE SERVING BUILDING RIS ABOVE CEILING. RISER TO BE LOCATED IN WAL WARM SIDE OF INSULATION TO PREVENT FREE
9	1/2" DOMESTIC WATER LINE DOWN AND UP TO S LAVATORY ON LEVEL 1 AND LEVEL 2.
10	3/4" DOMESTIC WATER LINE DOWN AND UP TO S CLOSET ON LEVEL 1 AND LEVEL 2.
11	1-1/4" DOMESTIC WATER LINE UP TO SERVE JAN AND WATER HEATER ON LEVEL 2.
12	1" DOMESTIC HOT AND COLD WATER DROPS TO TO BE ROUTED BELOW FLOOR TO RISE UP IN LE TO SERVE EQUIPMENT AND FIXTURES. COORD KITCHEN CONSULTANT PLANS FOR EXACT LOCK CONNECTION TO EQUIPMENT OR FIXTURES.
13	1/2" DOMESTIC WATER LINE FROM BELOW TO S LAVATORY.
14	3/4" DOMESTIC WATER LINE FROM BELOW TO S CLOSET.
15	1-1/4" DOMESTIC WATER LINE FROM BELOW TO JANITOR SINK AND WATER HEATER.
16	WATER HEATER TO BE MOUNTED ON WALL ABO SINK. SHOWN TO THE SIDE FOR DRAWING CLAF
17	3/4" DOMESTIC WATER LINE DOWN TO SERVE LA LEVEL 1 AND LEVEL 2.
18	3/4" DOMESTIC WATER LINE UP TO SERVE FREE ROOF HYDRANT (FPRH).
19	1/2" DOMESTIC WATER LINE UP AND DOWN TO S LEVELS 1 AND 2 BARS. COORDINATE WITH KITC CONSULTANT PLANS FOR EXACT LOCATION AN CONNECTION TO EQUIPMENT OR FIXTURES.
20	1/2" DOMESTIC WATER LINE FROM BELOW TO S BAR. COORDINATE WITH KITCHEN CONSULTAN EXACT LOCATION AND CONNECTION TO EQUIP FIXTURES.
21	1" DOMESTIC HOT AND COLD WATER TO BE ROU LEVEL 1 CEILING TO RISE UP IN LEVEL 2 BAR. S FOR CONTINUATION.
22	1" DOMESTIC HOT AND COLD WATER TO BE ROU LEVEL 1 CEILING TO RISE UP IN LEVEL 2 BAR TO EQUIPMENT AND FIXTURES. COORDINATE WITH CONSULTANT PLANS FOR EXACT LOCATION AN CONNECTION TO EQUIPMENT OR FIXTURES.
23	COORDINATE WITH KITCHEN CONSULTANT PLA EXACT LOCATION AND CONNECTION TO EQUIP FIXTURES, TYPICAL.
24	PROVIDE WATER BOX (P-8) FOR DOMESTIC WAT CONNECTION TO EQUIPMENT WHERE REQUIRE CONSULTANT, TYPICAL. COORDINATE WITH KIT CONSULTANT PLANS FOR EXACT LOCATION AN CONNECTION TO EQUIPMENT OR FIXTURES, TY

1 REFER TO CIVIL PLANS FOR CONTINUATION.



### ○ KEYED NOTES:

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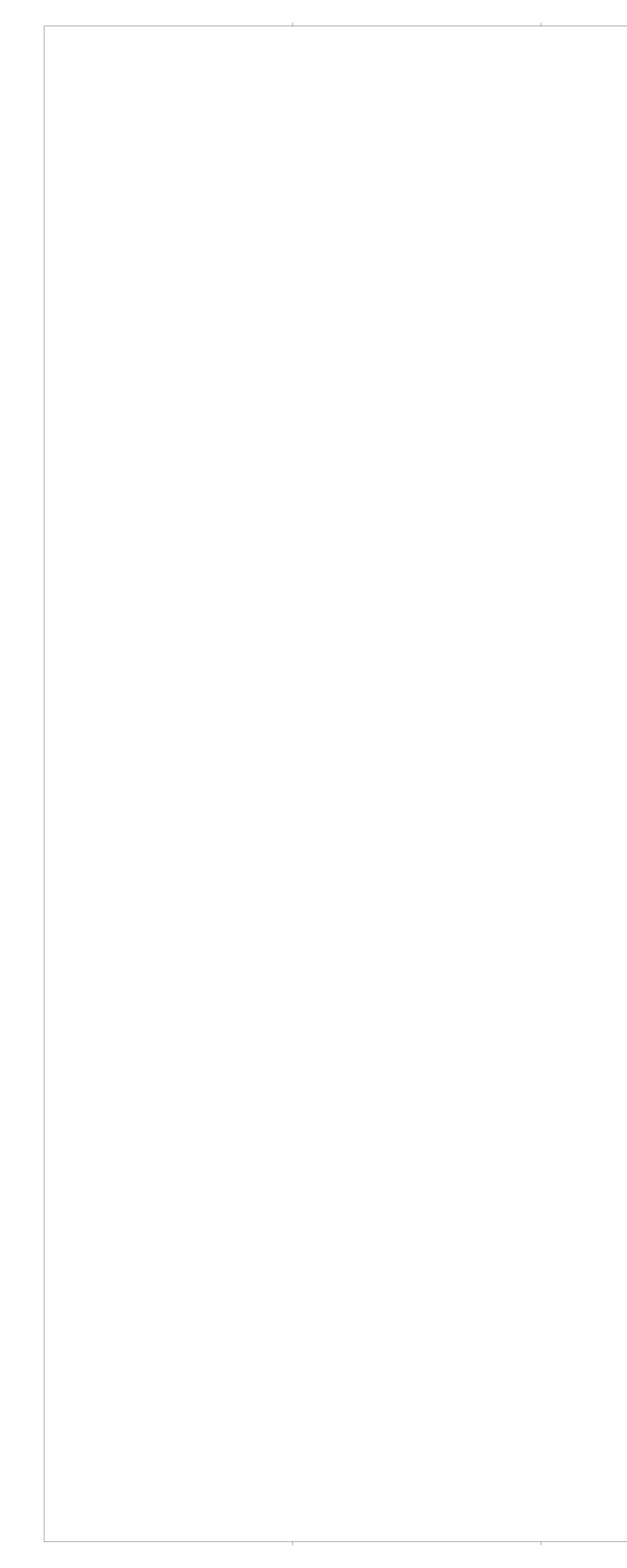
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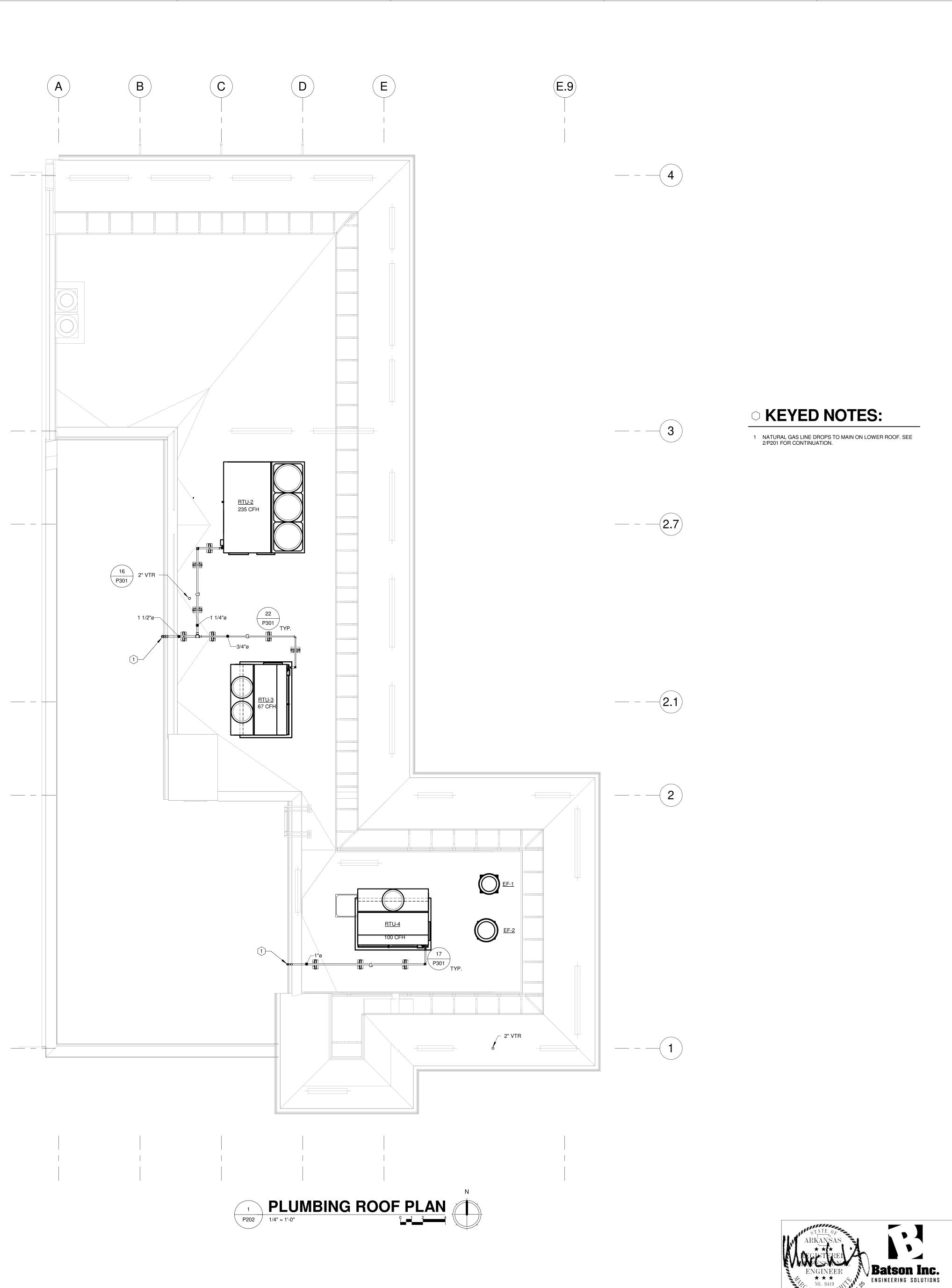
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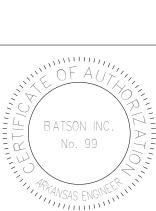
Contents: DOMESTIC WATER AND NATURAL GAS FLOOR PLANS



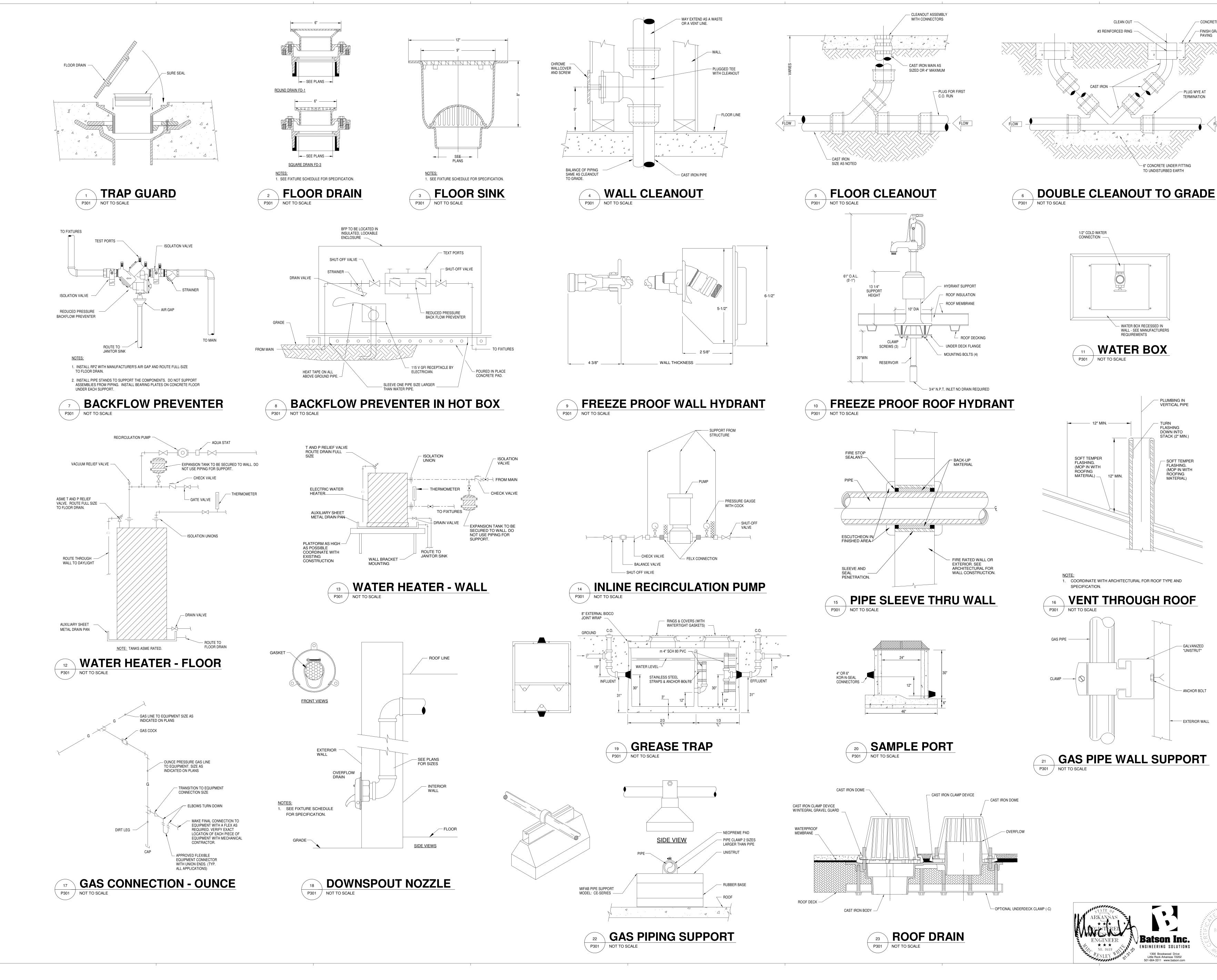




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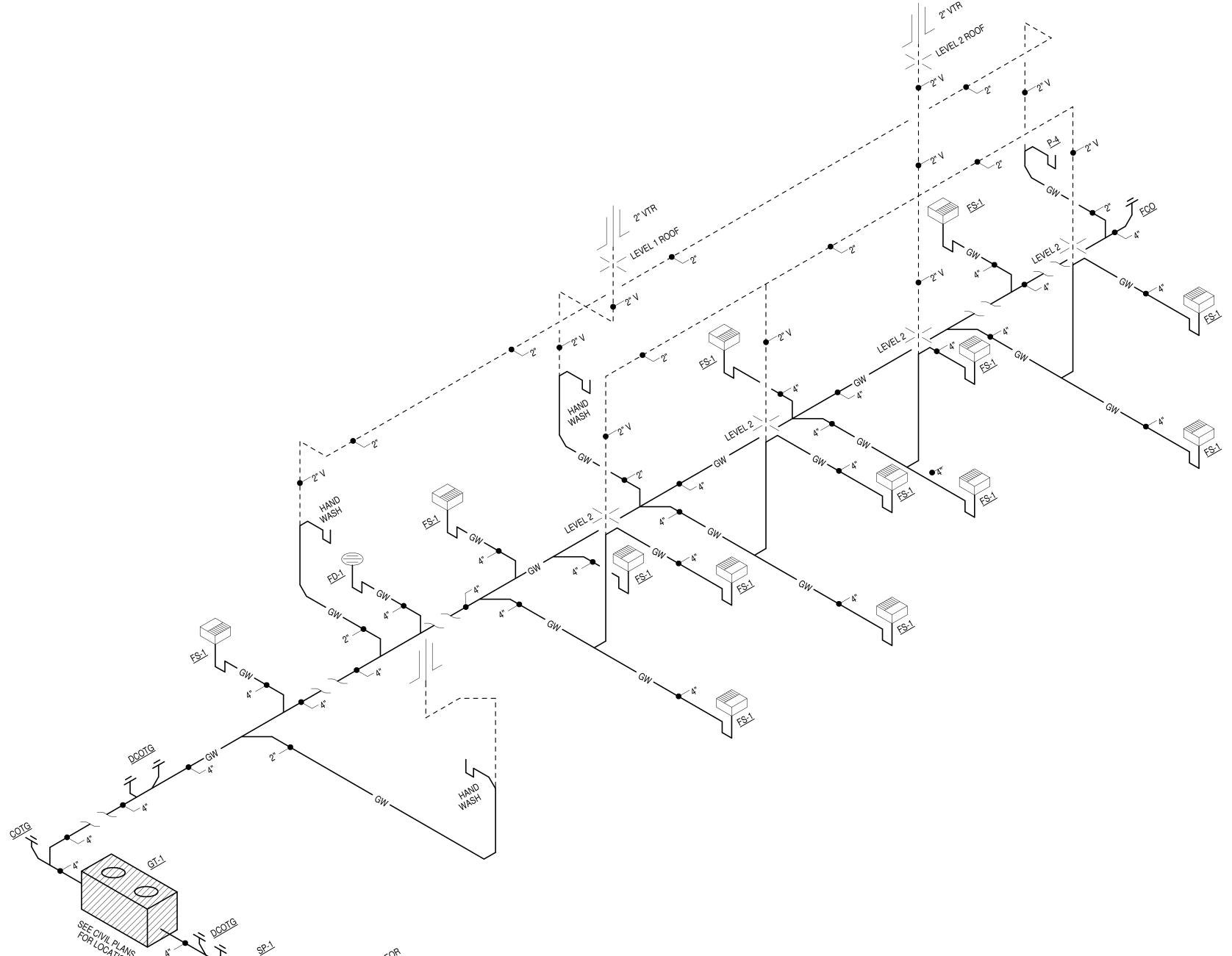
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Contents: PLUMBING DETAILS

P301

					ELECTRI	C DATA				CON
MARK	LOCATION	GALLON CAPACITY	SI	ERVES	VOLTS/PHASE	KW	FUEL	BTUH	MANUFACTURER & MODEL NO. OR EQUAL	CW
WH-1	KITCHEN 112	120	KIT	TCHEN	208/3	24			AO SMITH DRE-210	1-1/2"
RP-1	KITCHEN 112 BY WH-1		١	WH-1	120/1	25 WATTS			GRUNDFOS UP 15-10 BUC7	
WH-2	JANITOR 205	20	RES	TROOMS	208/1	3			AO SMITH DEL-20	1"
RP-2	HIGH IN JANITOR 205		\ \	VH-2	120/1	25 WATTS			GRUNDFOS UP 15-10 BUC7	
PLUI Mark	MBING FIX DESCRIPTION	WASTE	c.w.	HED H.W.	MOUNTING	REMARKS				
P-1	WATER CLOSET - ADA	3"	1"		FLOOR	ICERA - RICHMO ADA REQUIREMI		T, BOWL 6123.218, TA	NK 6125.028, TANK LEVER F-62 COC	ORDINATE ME
P-2	LAVATORY	1-1/2"	1/2"	1/2"	WALL	KOHLER K-2210 ARCHITECT. INS	G CAXTON OVAL, WH TALL MCGUIRE P-TR	IITE, UNDERMOUNT SI AP, SUPPLY KIT, WITH	NK, WHITE. BRIZO INVARI 65378LF- ESCUTCHEONS. PROVIDE WITH TH	LHP-ECO, TW
P-3	NOT USED									
P-4	JANITOR SINK	3"	1/2"	1/2"	WALL	STERN/WILLIAM	S MOD. MTB-2424, T-	35 HOSE AND WALL HO	DOK, T-40 S.S. MOP HANGER WITH	3 WALL GRIP
P-5 THRU P-7	NOT USED									
P-8	WATER BOX		1/2"		FLOOR			·	BALL INSTALLED, CONTOUR DESIC	
FD-1	FLOOR DRAIN	3"			FLOOR				IRON BODY WITH BOTTOM OUTLET	
FS-1	FLOOR SINK	3"			FLOOR				BODY AND SQUARE LIGHT DUTY GF	
RD-1/OD-1	ROOF DRAIN / OVERFLOW DRAIN	SEE PLANS			ROOF	DOME STRAINER	٦.		. CONSTRUCTED OF A DURA-COAT	
DD-1	DECK DRAIN	SEE PLANS			DECK	BRONZE VENEE	R FRAME AND GRATE		JRA-COATED IRON BODY WITH ROT	
DN-1	DOWNSPOUT NOZZLE	SEE PLANS			WALL	COLOR WITH AF	CHITECT.		PPER. ALL ALUMINUM BODY, DOWN	
FPWH	FREEZE PROOF WALL HYDRANT		3/4"		WALL	WOODFORD #67	, AUTOMATIC DRAIN	NG, FREEZELESS WAI	L HYDRANT WITH HOSE CONNECT	TION BACKFL
FPRH	FREEZE PROOF ROOF HYDRANT		3/4"		ROOF	WOODFORD #SP	RH-MS, HOSE CONNE	CTION BACKFLOW PR	EVENTER.	
BFP-1	BACKFLOW PREVENTER		2"		IN-LINE SERVING BUILDING	WATTS LF909 Q	T, BACKFLOW PREVE	NTER, PROVIDE WITH	AIR GAP. PROVIDE WITH STRAINE	R. PROVIDE
WCO	WALL CLEANOUT	4"			WALL	ZURN WALL CLE	ANOUT OR EQUAL.			
FCO	FLOOR CLEANOUT	4"			FLOOR	ZURN CLEANOU	T TO GRADE OR EQU	AL.		
DCOTG	DOUBLE CLEANOUT TO GRADE	4"			GRADE	ZURN DOUBLE (	CLEANOUT TO GRADE	OR EQUAL.		
GT-1	GREASE TRAP	4"			BELOW GRADE	PETERSON 3000	) GALLON OR EQUAL.	REFER TO CIVIL PLAN	IS FOR LOCATION OF GREASE TRA	۱P.
SP-1	SAMPLE PORT	4"			BELOW GRADE	PETERSON OR I	EQUAL. REFER TO CI	/IL PLANS FOR LOCAT	ION OF SAMPLE PORT.	



NE	CTIONS		1.	REFER TO TI REQUIREME
	HW	REMARKS	2.	MANUFACTU
•	1-1/2"	PROVIDE WITH T&P VALVE AND WATTS EXPANSION TANK PER MANUFACTURERS SPECIFICATION AND HOLDRITE QUICK STRAP MODEL QS-5 FOR EXPANSION TANK OR EQUAL. HEATER TO PROVIDE 120°F WATER AT FIXTURES.		OTHERWISE EQUAL EQUI
	3/4"	4 GPM WHEN OPERATING AT TOTAL DEVELOPED HEAD OF 3.2 FT OF WATER COLUMN. 3/4" SWEAT CONNECTION. 2 POLE, SINGLE PHASE, 1/25 HP. PROVIDE WITH AQUA STAT.	3.	ANY CHANGE OTHER MECI EQUIPMENT
	1"	PROVIDE WITH T&P VALVE AND WATTS EXPANSION TANK PER MANUFACTURERS SPECIFICATION AND HOLDRITE QUICK STRAP MODEL QS-5 FOR EXPANSION TANK OR EQUAL. PROVIDE WITH HOLDRITE WATER HEATER WALL MOUNT PLANTFORM OR EQUAL. HEATER TO PROVIDE 120°F WATER AT FIXTURES.		RESULTING I
	3/4"	4 GPM WHEN OPERATING AT TOTAL DEVELOPED HEAD OF 3.2 FT OF WATER COLUMN. 3/4" SWEAT CONNECTION. 2 POLE, SINGLE PHASE, 1/25 HP. PROVIDE WITH AQUA STAT.		

E METAL FINISH SELECTION WITH ARCHITECT, SEAT S-242, WHITE VITREOUS CHINA, ELONGATED BOWL. PROVIDE WITH MCGUIRE SUPPLY KIT. INSTALL PER , TWO HANDLE WIDESPREAD DECK MOUNT, THREE-HOLE MOUNT, FAUCET. HANDLES TO BE BRIZO HL5376, COORDINATE METAL FINISH SELECTION WITH ATIC TEMPERATURE MIXING VALVE TO PROVIDE 105° WATER TO FIXTURE. INSTALL AND INSULATE PER ADA REQUIREMENTS.

GRIPS. T&S FAUCET #B-0665-BSTP WITH BUILT-IN STOPS, VACUUM BREAKER, LEVER HANDLES, WALL BRACE, AND 3/4" GARDEN HOSE OUTLET.

ASY VALVE ACCESS. THIS BOX SERVICES ONLY ONE ICE MACHINE.

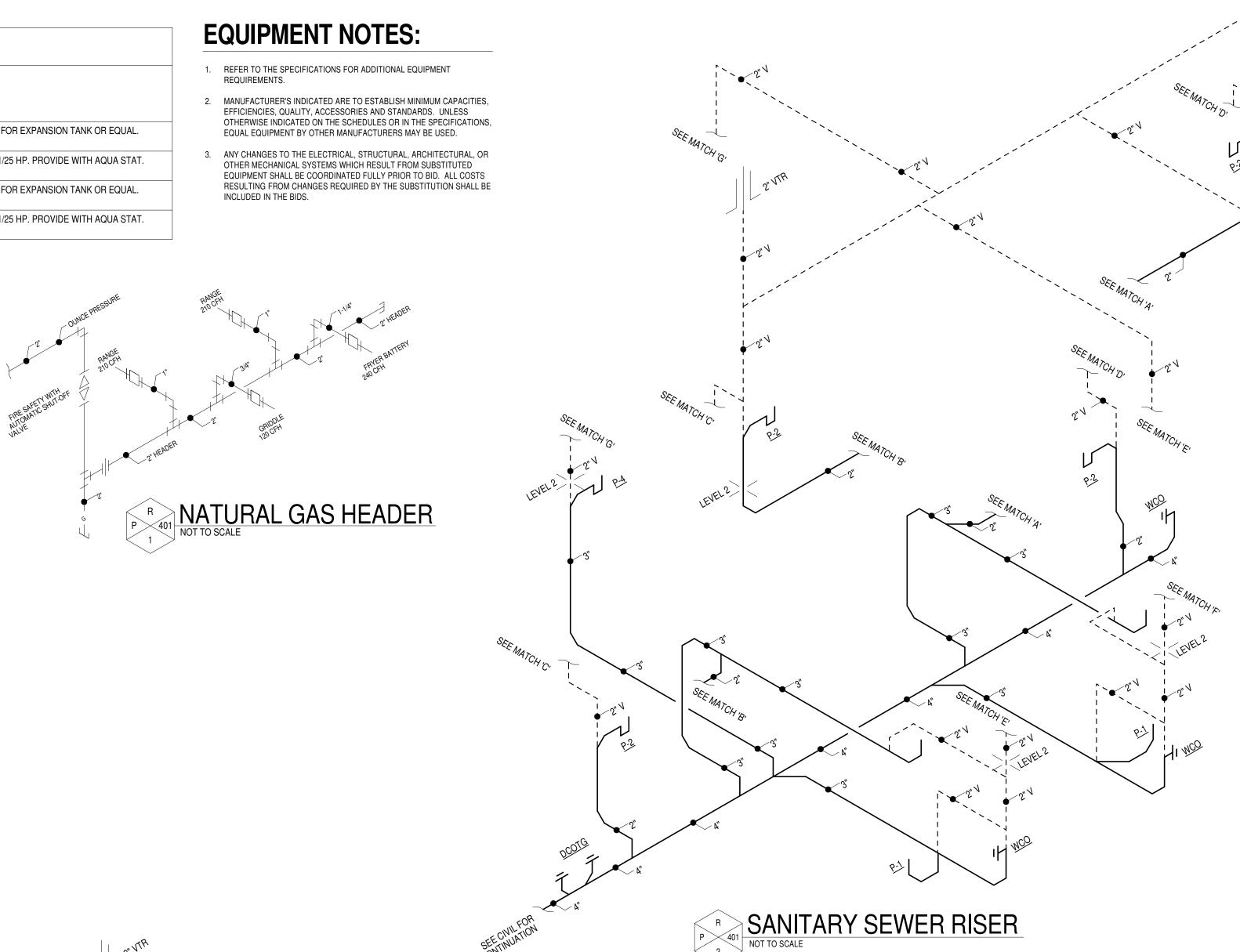
PE 'B' POLISHED NICKLE BRONZE, LIGHT-DUTY STRAINER.PROVIDE WITH SURE SEAL TRAP PROTECTION. TH 1/2" SLOTTED OPENING, WITH INTERIOR BOTTOM DOME STRAINER. PROVIDE WITH 1/2 GRATE TO ALLOW DRAIN PIPE TO TURN DOWN INTO DRAIN,

IRON BODY. STANDARD TO THE ROOF DRAIN IS A CAST IRON CLAMP DEVICE WITH AN INTEGRAL GRAVEL GUARD, ROOF SUMP RECEIVER, AND CAST IRON

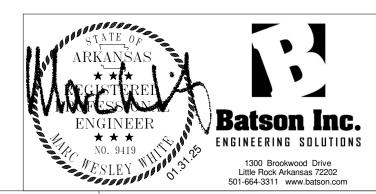
SQUARE PROMENADE FRAME WITH SEEPAGE SLOTS, FRAM CLAMPS AND DECORATIVE LIGHT DUTY HEEL-PROOF GATE WITH 3/16" WIDE SLOTS AND NICKLE

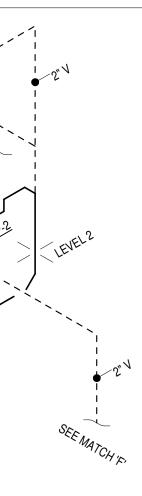
GASKET FOR CAST IRON OR PVC INLET WITH POWDER COATED FACE OF WALL FLANGE, OUTLET NOZZLE AND PERFORATED HINGED FLAPPER. COORDINATE KFLOW PROTECTION. PROVIDE WITH STANDARD CHROME FINISH WITH KEY OPERATED BOX.

E WITH HOT BOX FOR EXTERIOR INSTALLATION. COORDINATE WITH ELECTRICAL. REFER TO CIVIL PLANS FOR LOCATION OF HOT BOX.



P 401 GREASE WASTER RISER





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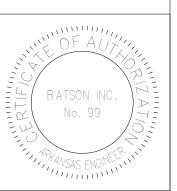
PSW Job Number: 1001B

BID DOCUMENTS

ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25

REVISIONS NUMBER DATE DESCRIPTION

Contents: PLUMBING SCHEDULE AND RISER





#### **GENERAL NOTES:**

- REQUIREMENTS.
- 2. REFER TO ALL PROJECT DRAWINGS FOR DETAILS OF CONSTRUCTION AND INSTALLATION REQUIREMENTS.
- 3. REFER TO GENERAL CONDITIONS AND SUPPLEMENTARY GENERAL CONDITIONS FOR THE CONTRACT. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION OF PROJECT INCLUDING THE EQUIPMENT AND INSTALLATION OF THE MECHANICAL WORK. 4. CONTRACTOR SHALL BECOME, PRIOR TO BID, THOROUGHLY FAMILIAR WITH THE
  - REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
  - 5. THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS INFLUENCED THE DESIGNS OF OTHER TRADES (ELECTRICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE BID, OR SUBMITTED, IT IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR AND ALL HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. ALL COSTS OF ALL TRADES ASSOCIATED
  - WITH THE SUBSTITUTION SHALL BE INCLUDED IN THE BID. 6. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD. SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH
  - THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER. 7. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING,
  - OR COMPONENT 8. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED
  - BY BOTH. DOCUMENTS.
  - 10. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.
  - 11. EXACT LOCATIONS OF ALL EQUIPMENT, ROOF CURBS, DUCTS, DIFFUSERS, ETC. SHALL BE COORDINATED WITH OTHER TRADES. CEILING MOUNTED SPRINKLER, LIGHTING, AND ELECTRICAL REQUIREMENTS TAKE PRECEDENCE OVER CEILING MOUNTED MECHANICAL REQUIREMENTS. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING GRID AND LIGHTING LAYOUT FOR COORDINATION OF FINAL DIFFUSER LOCATIONS.
  - 12. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.
  - 13. COORDINATE PLACEMENT OF ALL THERMOSTATS, ROOF MOUNTED EQUIPMENT, ETC. WITH ARCHITECTURAL AND STRUCTURAL TRADES. 14. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND OTHER
  - DRAWINGS FOR COMPLETE INFORMATION PRIOR TO BID. 15. ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT.
  - DO NOT SUBMIT SHOP DRAWINGS FOR ANY EQUIPMENT WHICH MAY BE COORDINATED WITH OWNER FURNISHED ITEMS UNTIL THE APPROVED DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. VERIFY THE APPROVED EQUIPMENT HAS THE SAME ROUGH-IN AND FINAL CONNECTION REQUIREMENTS AND DESIGN CRITERIA AS THE DOCUMENTS. NOTIFY ENGINEER OF ANY CHANGES, INCOMPATIBILITY, OR UNUSUAL CONDITIONS IMMEDIATELY. SEE SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHERE APPLICABLE).
  - 16. ALL MECHANICAL CONSTRUCTION DETAILS SHALL BE AS SHOWN AND AS REQUIRED TO MAINTAIN "UL" ASSEMBLY RATINGS AS SHOWN ON ARCHITECTURAL SHEETS. SEAL AROUND ALL PENETRATIONS THOROUGH UL RATED ASSEMBLIES, FIRE AND SMOKE WALLS. COORDINATE WITH GENERAL CONTRACTOR.

  - 17. NO OTHER TRADES, I.E., ELECTRICAL, CEILING, PLUMBING, ETC., SHALL BE SUSPENDED, HUNG, OR SUPPORTED FROM DUCTWORK OR PIPING. 18. ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL
  - ROOF PENETRATIONS. 19. SPECIAL CARE SHALL BE TAKEN ON THE ROOFS TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER. COMPLY WITH
  - COURSE OF THE WORK.

#### **CONTROL NOTES:**

- REFER TO GENERAL NOTES ON DRAWING. 1. ALL CONTROL DEVICES SHALL BE BY ONE MANUFACTURER. ALL CONTROL SET POINTS SHALL BE ADJUSTABLE. THERMOSTATS AND WIRING FOR FANS SHALL BE INCLUDED WITH CONTROLS.
- PLANS
- 3. SEE THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 4. PROVIDE LOCKABLE COVERS AND GUARDS FOR ALL THERMOSTATS AND SENSORS. 5. ALL THERMOSTATS, SENSORS, AND OTHER EXPOSED CONTROL DEVICE LOCATIONS
- SHALL BE COORDINATED WITH THE ENGINEER AND ARCHITECT BEFORE ROUGHING IN. IS PERFORMED.
- 6. ALL CONTROLS SHALL BE TESTED AND CALIBRATED BEFORE TESTING AND BALANCING
- CONTROLLED.
- 8. INTERLOCK CONTROLS WITH THE ELECTRICAL FIRE AND SMOKE ALARM SYSTEM COORDINATE WITH THE ELECTRICAL SYSTEMS CONTRACTOR FOR INTERFACE REQUIREMENTS OF THE SYSTEMS.
- 9. PROVIDE AUXILIARY CONTACTORS AS REQUIRED FOR OPERATIONS OF CONTROLSEQUENCES. 10. ALL WIRING SHALL BE IN CONDUIT WHERE ROUTED IN WALLS AND INSIDE MECHANICAL AND ELECTRICAL ROOMS. REFER TO THE SPECIFICATIONS.

#### 1. REFER TO SPECIFICATIONS AND PROJECT MANUAL FOR ADDITIONAL INFORMATION AND

9. CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT

BONDING REQUIREMENTS OF EXISTING ROOF. 20. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE

- 2. THE CONTROL SYSTEM SHALL BE SUITABLE FOR THE LOCATIONS SHOWN ON THE
- 7. PROVIDE LAMINATED TAGS AT ALL CONTROL DEVICES INDICATING EQUIPMENT BEING
- 11. EF-2 TO BE CONTROLLED BY TIMER IN STORAGE 111. TIMER TO BE PELTEC 600 SERIES LOW-VOLTAGE TIMER WITH RIB RELAY.

**HVAC NOTES:** 

BE SET PLUMB AND LEVEL.

- REFER TO GENERAL NOTES ON DRAWING FOR ADDITIONAL REQUIREMENTS. 1. SEE STRUCTURAL PLANS FOR EXACT DIMENSIONS AND DETAILS OF THE BUILDING.
- 2. ALL ROOF MOUNTED EQUIPMENT SHALL BE PROVIDED WITH STANDARD MANUFACTURER'S FABRICATED CURBS WHICH FACILITATE LEVEL MOUNTING OF THE EQUIPMENT (I.E. FACTORY FABRICATED TO COMPENSATE FOR ROOF SLOPE). OBTAIN ROOF SLOPES AND DIRECTION-OF-SLOPE FROM ARCHITECTURAL AND/OR STRUCTURAL PLANS. ALL ROOF CURBS SHALL BE A MINIMUM OF 8" HIGH. SHIMMING OF CURBS IS NOT ACCEPTABLE. UNLESS OTHERWISE SHOWN, ALL SERVICES TO AND FROM ROOF MOUNTED EQUIPMENT SHALL BE INSIDE PERIMETER OF CURB. ALL EQUIPMENT SHALL
- MAINTAIN MINIMUM CLEAR DISTANCE OF 5'0" BETWEEN PARAPET WALL AND ALL ROOF MOUNTED MECHANICAL EQUIPMENT (FANS, RTU'S, CONDENSERS, ETC.). MAINTAIN A CLEAR DISTANCE OF 10'0" MINIMUM BETWEEN PARAPET WALL AND FLUES FROM GAS BURNING EQUIPMENT.
- MAINTAIN A MINIMUM OF 10'0" BETWEEN ALL FRESH AIR INTAKES AND PLUMBING VENTS, 4. EXHAUST FAN DISCHARGE, FLUES, ETC. COORDINATE WITH ALL OTHER CONTRACTORS ON SITE.
- SEAL ALL ROOF AND WALL PENETRATIONS. FLASH AND COUNTERFLASH ROOF PENETRATIONS. MINIMUM HEIGHT OF FLASHING IS EIGHT (8) INCHES ABOVE ROOF.
- 6. ALL HVAC WORK TO BE PER SMACNA AND ALL APPLICABLE CODES.
- 7. ALL DUCTS SHALL BE MOUNTED HIGH AS POSSIBLE AGAINST BOTTOM OF JOISTS EXCEPT AS REQUIRED TO AVOID CONFLICTS WITH INTERSECTING DUCTS. DIAGONALLY OFFSET DUCTS IMMEDIATELY BEFORE AND AFTER PASSING UNDER INTERSECTING DUCTS OR LARGE STRUCTURAL MEMBERS TO MAINTAIN DUCT TIGHT TO STRUCTURE. 8. PROVIDE TURNING VANES AT ALL ELBOWS GREATER THAN 45DEGREES. TURNING
- VANES SHALL BE DOUBLE THICKNESS. 9. MAXIMUM 4'0" FLEX DUCT ON ALL DIFFUSER RUNOUTS. CONNECTIONS TO FLEX DUCT
- SHALL BE SMOOTH ON AIRFLOW SIDE. 10. PROVIDE INDICATED BRANCH TAKEOFF AND DAMPER AT EACH CONNECTION OF ROUND
- BRANCH DUCTS TO A RECTANGULAR DUCT. 11. PROVIDE FLEXIBLE CONNECTIONS AND TRANSITIONS ON DUCT INLET AND OUTLET
- CONNECTIONS TO ALL ROOF TOP UNITS, EXHAUST FANS, AIR BOXES, ETC. WHERE EQUIPMENT HAS ROTATING PARTS (MOTORS, ETC.).
- 12. SEE ARCH REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED AIR DEVICES.
- 13. INTERNALLY INSULATE ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTS. ALL BRANCH DUCTS TO BE EXTERNALLY INSULATED WITH FIBERGLASS DUCT INSULATION WRAP.
- 14. THE DUCT SIZES ON THE DRAWINGS SHALL BE INCREASED IN SIZE TO ACCOMMODATE LINER THICKNESS. SIZES SHOWN ON THE DRAWINGS ARE THE REQUIRED CLEAR INSIDE DIMENSIONS OF THE LINER WHERE USED.
- 15. PRIOR TO WEATHER-PROOFING EXTERIOR DUCTWORK, APPLY HARD CAST SEALER AT ALL DUCT JOINTS AND SEAMS. INSULATE WITH FIBERGLASS HIGH DENSITY RIGID BOARD INSULATION, 3" THICK, EQUAL TO OWENS CORNING TYPE 705. WEATHER-PROOF EXTERIOR DUCTWORK BY COVERING ALL JOINTS, SEAMS AND HOLES WITH TWO 1/8" THICK WET COATS OF VAPOR BARRIER MASTIC REINFORCED WITH GLASS FABRIC OVER ENTIRE SURFACE. APPLY TWO 1/8" THICK COATS OF BREATHER MASTIC REINFORCED WITH GLASS FABRIC LAPPING ALL JOINTS A MINIMUM OF 2". INSTALL ALUMINUM JACKETING OVER MASTIC.
- 16. INSTALL SCHEDULED FILTERS AT THE COMPLETION OF CONSTRUCTION. USE ONE SET OF SCHEDULED FILTERS DURING CONSTRUCTION AS INDICATED ON THE SCHEDULE.
- INSTALL FINAL SET PRIOR TO TEST AND BALANCE. 17. BALANCE AIR SYSTEM TO PROVIDE INDICATED AIRFLOWS. SEE SPECIFICATIONS FOR OTHER TEST AND BALANCE REQUIREMENTS. SUBMIT FINAL BALANCE OF AIR SYSTEMS (FLOW AND TEMPERATURE) FOR REVIEW.
- 18. MECHANICAL CONTRACTOR (MC) SHALL COORDINATE AND VERIFY THE FOLLOWING WITH THE ELECTRICAL CONTRACTOR (EC) PRIOR TO BID: A) ALL STARTERS: FURNISHED BY MC. INSTALLED BY EC.
- B) DUCT SMOKE DETECTORS: FURNISHED BY MC, INSTALLED BY EC. ELECTRIC DAMPER ACTUATORS: FURNISHED BY MC, INSTALLED BY MC. D) DISCONNECTS: WHERE NOT FURNISHED WITH EQUIPMENT: FURNISHED BY EC, INSTALLED WHERE FURNISHED WITH EQUIPMENT: FURNISHED BY MC, INSTALLED BY
- 19. COORDINATE FINAL PLACEMENT OF ALL THERMOSTATS WITH ARCHITECT AND ENGINEER. ANY THERMOSTAT THAT IS REQUIRED TO BE MOUNTED ON AN EXTERIOR
- WALL SHALL BE MOUNTED ON AN INSULATED PAD. 20. INSTALL SMOKE DETECTOR IN RETURN DUCT OF ALL AIR HANDLERS.
- 21. PROVIDE HVAC CONDENSATE DRAIN. INSTALL WITH TRAP AND AIR VENT PER CODE AND IS INDICATED AND FULL SIZE OF DRAIN PAN CONNECTION.

### **KITCHEN HOOD NOTES:**

- 1. EXHAUST DUCT CONSTRUCTION AND INSTALLATION SHALL COMPLY WITH NFPA 96.
- 2. HOOD SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH NFPA 96 AND INSTALLATION SHALL BE AS COORDINATED WITH HOOD MANUFACTURER.
- 3. DUCT ROUTING SHALL BE AS INDICATED AND AS DIRECT AS POSSIBLE.
- 4. EXHAUST DUCT SHALL BE NOT LESS THAN 16 GAUGE CARBON STEEL. ALL SEAMS AND JOINTS ARE TO HAVE A LIQUID TIGHT WELD. DUCT SHALL NOT BE RUN FLAT TO PREVENT COLLECTION OF GREASE RESIDUE. SLOPE DUCT A MINIMUM OF 1/4" PER FOOT TOWARD THE HOOD.
- 5. EXHAUST DUCT SHALL HAVE ONE LAYER OF 3M FIRE BARRIER DUCT WRAP 15A, OR EQUAL, TO PROVIDE 2-HOUR FIRE RESISTIVE RATING AND ZERO-CLEARANCE FROM COMBUSTIBLES.
- 6. THE EXHAUST DUCT SHALL HAVE A FIRE RATED ACCESS DOOR FOR CLEANING DUCT AT ALL CHANGES IN DIRECTION. ACCESS SHALL BE AT SIDES OF DUCT AND COMPLY WITH NFPA 96.
- 7. A SIGNAL FROM FIRE EXTINGUISHING SYSTEM SHALL STOP THE MAKEUP AIR UNIT FAN AND EXHAUST FAN.
- INSTALLATION SHALL ALLOW FOR EXHAUST DUCT EXPANSION WITHOUT LOSS OF SYSTEM INTEGRITY DURING A FIRE.

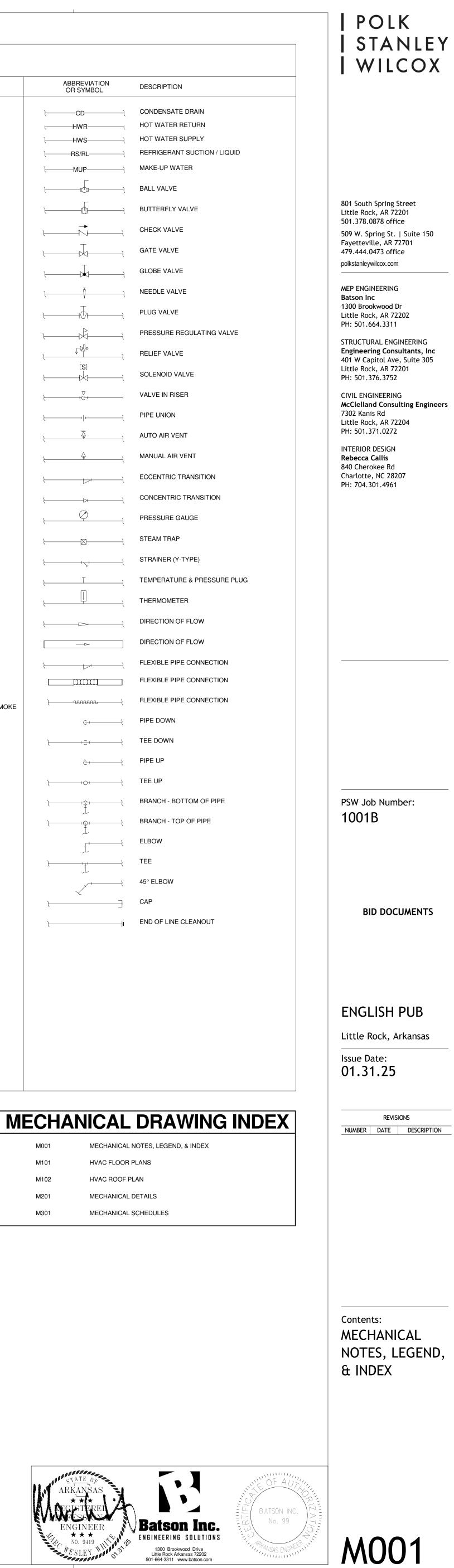
\* NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT

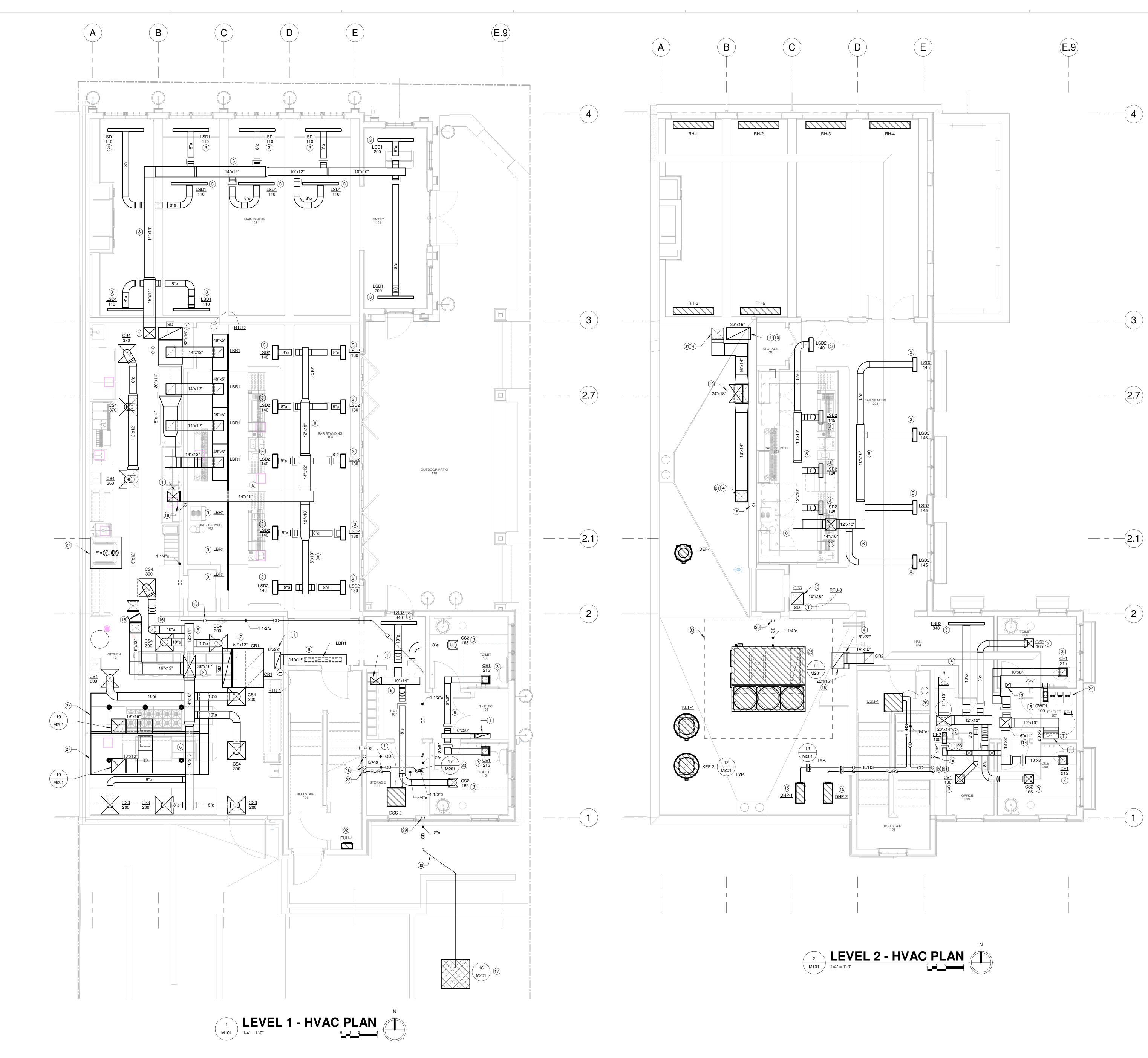
SHEET NUMBER

	HVAC	CLEGEND		
DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION	ABBREVIATION OR SYMBOL	DESCRIPTION
AIR DOOR AIR HANDLING UNIT ABOVE FINISHED FLOOR		NEW EQUIPMENT	}CD ,HWR,	CONDENSATE DRAIN HOT WATER RETURN
ATTIC VENT BOILER			}HWS} }RS/RL}	HOT WATER SUPPLY REFRIGERANT SUCTION / LIQU
BRAKE HORSE POWER BRITISH THERMAL UNIT PER HOUR	CS DG CE	CEILING SUPPLY DOOR GRILLE CEILING EXHAUST	}MUP}	MAKE-UP WATER
CUBIC FEET PER MINUTE CHILLER CONSTANT VOLUME	LSD CR	LINEAR SLOT DIFFUSER CEILING RETURN	λλ Γ	BALL VALVE
CONSTANT VOLUME TERMINAL DRY BULB TEMPERATURE	TR SWE	TRANSFER GRILLE SIDE WALL EXHAUST	↓↓ →	BUTTERFLY VALVE
DIFFERENTIAL PRESSURE EXHAUST AIR	SWS SWR	SIDE WALL SUPPLY SIDE WALL RETURN		GATE VALVE
ENTERING AIR TEMPERATURE OF THE COIL EXHAUST FAN				GLOBE VALVE
ENERGY RECOVERY UNIT EXTERNAL STATIC PRESSURE ELECTRIC UNIT HEATER	$\frac{\text{CS-1}}{150} $	AIR DEVICE DESIGNATION	<b>∖</b> {	NEEDLE VALVE
ENTERING WATER TEMPERATURE FACILITY AUTOMATION SYSTEM		CEILING SUPPLY DIFFUSER	₹î ₹î	PLUG VALVE
FAN COIL UNIT FLAT OVAL				PRESSURE REGULATING VALV
FAN POWERED MIXING TERMINAL FEET PER MINUTE (VELOCITY)		CEILING RETURN GRILLE	} [S]	
GRAVITY HOOD GALLONS PER MINUTE GAS UNIT HEATER		CEILING EXHAUST GRILLE	}} >⊽	SOLENOID VALVE
HORSEPOWER KILOWATT			↓+C+	PIPE UNION
LOUVER LEAVING AIR TEMPERATURE OF THE COIL		LINEAR SLOT DIFFUSER	, <u>∓</u>	AUTO AIR VENT
POUNDS LEAVING WATER TEMPERATURE		GRILLE OR REGISTER ON BOTTOM OF DUCTWORK	<u>}</u>	MANUAL AIR VENT
MAKE-UP AIR UNIT MAXIMUM 1000 BTUH			<u>}</u>	ECCENTRIC TRANSITION
MINIMUM CIRCUIT AMPACITY MINIMUM		SIDEWALL SUPPLY/RETURN		CONCENTRIC TRANSITION
MOTOR HORSE POWER MAXIMUM OVER CURRENT PROTECTION	18/24	DUCT SIZE (FOR DOUBLE LINE DUCT)	<b>↓</b>	PRESSURE GAUGE
NOT APPLICABLE NOISE CRITERIA		SUPPLY DUCT UP		STRAINER (Y-TYPE)
NORMALLY CLOSED NOT IN CONTRACT NORMALLY OPEN		SUPPLY DUCT DOWN	λ	TEMPERATURE & PRESSURE F
NECK NOT TO SCALE		RETURN OR EXHAUST DUCT UP	λ	THERMOMETER
OPPOSED BLADE DAMPER OWNER FURNISHED/CONTRACTOR INSTALLED		RETURN OR EXHAUST DUCT DOWN		DIRECTION OF FLOW
OUTSIDE AIR PUMP		RECTANGULAR/ROUND TRANSITION (DOUBLE LINE DUCT)		DIRECTION OF FLOW
PARALLEL BLADE DAMPER POOL DEHUMIDIFIER UNIT		FLEXIBLE DUCT CONNECTION		FLEXIBLE PIPE CONNECTION
PRESSURE REDUCING VALVE POUNDS PER SQUARE FOOT		(1) FIRE DAMPER, (2) COMBINATION FIRE/SMOKE	)	FLEXIBLE PIPE CONNECTION
POUNDS PER SQUARE INCH POUNDS PER SQUARE INCH GAUGE RETURN AIR		DAMPER, (3) SMOKE DAMPER	C+}	PIPE DOWN
REMOTE CONDENSER RELIEF FAN		(1) OPPOSED BLADE DAMPER,	<u>}</u> +Ĵ+}	TEE DOWN
RELATIVE HUMIDITY RADIANT HEATING PANEL	P (2) (3)	(2) PARALLEL BLADE DAMPER, (3) SMOKE DETECTOR	C+	PIPE UP
REVOLUTION PER MINUTE RADIANT TUBE HEATER ROOF TOP (AIR CONDITIONING) UNIT		THERMOSTAT OR SENSOR		TEE UP BRANCH - BOTTOM OF PIPE
SUPPLY AIR SENSIBLE CAPACITY	(C)	CO2 SENSOR KEYED NOTE	ζ · · · · · · · · · · · · · · · · · · ·	BRANCH - TOP OF PIPE
STATIC PRESSURE SPECIFICATION			لــــــــــــــــــــــــــــــــــــ	ELBOW
TOTAL CAPACITY TOTAL STATIC PRESSURE			₹ ↓	TEE
THERMOSTAT TYPICAL UNIT HEATER			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	45° ELBOW
VARIABLE AIR VOLUME VARIABLE AIR VOLUME TERMINAL				CAP END OF LINE CLEANOUT
VARIABLE SPEED (FREQUENCY) DRIVE WET BULB TEMPERATURE WATER GAUGE			(]I	
FEET INCHES ROUND DUCT				
IMBER DETAIL/SECTION DESIGNATION				

DETAIL/SECTION DESIGNATION

M001	MECHANICAL NOTES, LEGEND, & I
M101	HVAC FLOOR PLANS
M102	HVAC ROOF PLAN
M201	MECHANICAL DETAILS
M301	MECHANICAL SCHEDULES





### **KEYED NOTES:**

- 1 DUCT RISES TO 2ND FLOOR. SEE 2/M101 FOR CONTINUATION. 2 DUCT DROPS FROM RTU-1 ON 1ST FLOOR ROOF. 3 PROVIDE YOUNG REGULATOR REMOTE DAMPER FOR DIFFUSER LOCATED IN INACCESSIBLE CEILING PER DETAIL 15/M201. 4 DUCT DROPS TO FLOOR BELOW. SEE 1/M101 FOR CONTINUATION. 5 INSTALL EXHAUST GRILLE AS HIGH AS POSSIBLE. INSTALL BALANCING DAMPER AT GRILLE. MAINTAIN REQUIRED CLEARANCE IN FRONT OF AND ABOVE ELECTRICAL EQUIPMENT. 6 ROUTE DUCT UP IN BETWEEN JOISTS. 7 DUCT ROUTED TIGHT TO STRUCTURE, BELOW CEILING IN DEDICATED FURDOWN. 8 ROUTE DUCT THROUGH DEDICATED RECTANGULAR OPENIINGS IN JOISTS. 9 INACTIVE GRILLE. BLANK OFF BACK SIDE OF GRILLE. 10 DUCT RISES TO ROOF ABOVE. SEE 1/M102 FOR CONTINUATION. 11 DUCT DROPS FROM RTU-3 ON 2ND FLOOR ROOF.
- 12 DUCT DROPS FROM RTU-4 ON 2ND FLOOR ROOF.
- 13 DUCT DROPS FROM EF-1 ON 2ND FLOOR ROOF. 14 DUCT DROPS FROM EF-2 ON 2ND FLOOR ROOF.
- 15 HEAT PUMP MOUNTED ON RUBBER BASE MIFAB MODEL CB10-36.
- 16 DUCT DROPS BELOW STRUCTURAL BEAM AND IMMEDIATELY RISES BACK UP IN BETWEEN STRUCTURE.
- 17 AREA CONDENSATE DRAIN. SEE CIVIL FOR EXACT LOCATION.
- 18 CONDENSATE LINE DROPS FROM SECOND FLOOR ABOVE SEE 2/M101 FOR CONTINUATION.
- 19 CONDENSATE LINE DROPS FROM ROOF ABOVE (SEE 1/M102), AND CONTINUES TO FIRST FLOOR BELOW (SEE 1/M101).
- 20 CONDENSATE LINE DROPS TO FLOOR BELOW THROUGH PIPING ROOF CURB. SEE 1/M101 FOR CONTINUATION.
- 21 REFRIGERANT LINE SET DROPS TO FLOOR BELOW. SEE 1/M101 FOR CONTINUATION.
- 22 REFRIGERANT LINE SET RISES TO SECOND FLOOR SEE 2/M101 FOR CONTINUATION.
- 23 PUMPED CONDENSATE LINES FROM DSS-1 AND DSS-2 ROUTED TO HUB DRAIN ABOVE CEILING.
- 24 BROMIC RADIANT HEAT PANEL DIMMER CONTROL PANELS. MOUNT 6'-0" A.F.F. MAINTAIN MANUFACTURER'S REQUIRED CLEARANCES. (TYPICAL OF 3)
- 25 MAINTAIN MINIMUM OF 10'-0" BETWEEN FAN EXHAUST AND ROOFTOP UNIT INTAKE. (TYPICAL)
- 26 24" X 24" ACCESS PANEL PER ARCHITECT.
- 27 KITCHEN HOOD BY CAPTIVEAIRE.
- 28 THERMOSTAT FOR RTU-4.
- 29 CONDENSATE DRAIN LINE DROPS IN EXTERIOR WALL TO BELOW GRADE.
- 30 CONDENSATE DRAIN LINE ROUTES BELOW SIDEWALK AND EXTENDS TO CONDENSATE DRAIN PIT.
- 31 DUCT PENETRATES ROOF THROUGH CURB PER DETAIL 10/M201. (TYPICAL).
- 32 BOTTOM OF UNIT HEATER MOUNTED 18" A.F.F.
- 33 MANUFACTURER'S REQUIRED CLEARANCE. (TYPICAL)





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INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961

PSW Job Number: 1001B

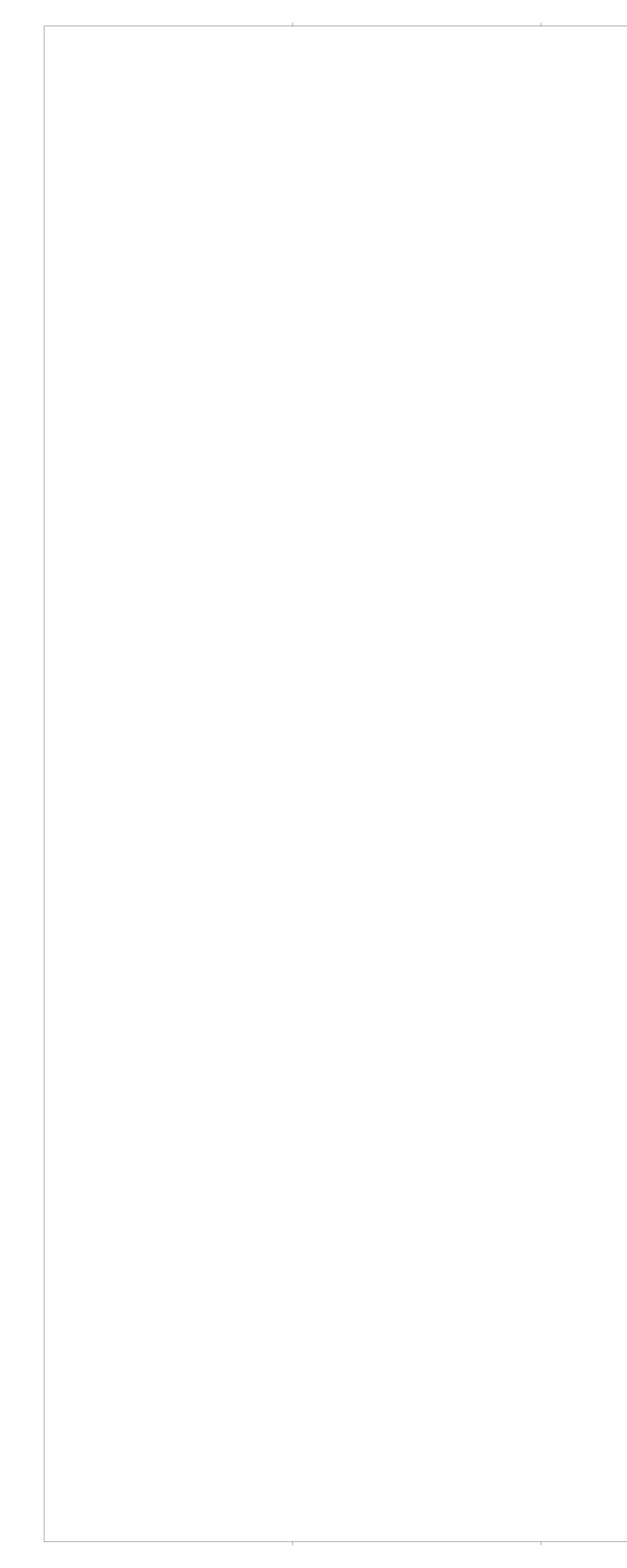
BID DOCUMENTS

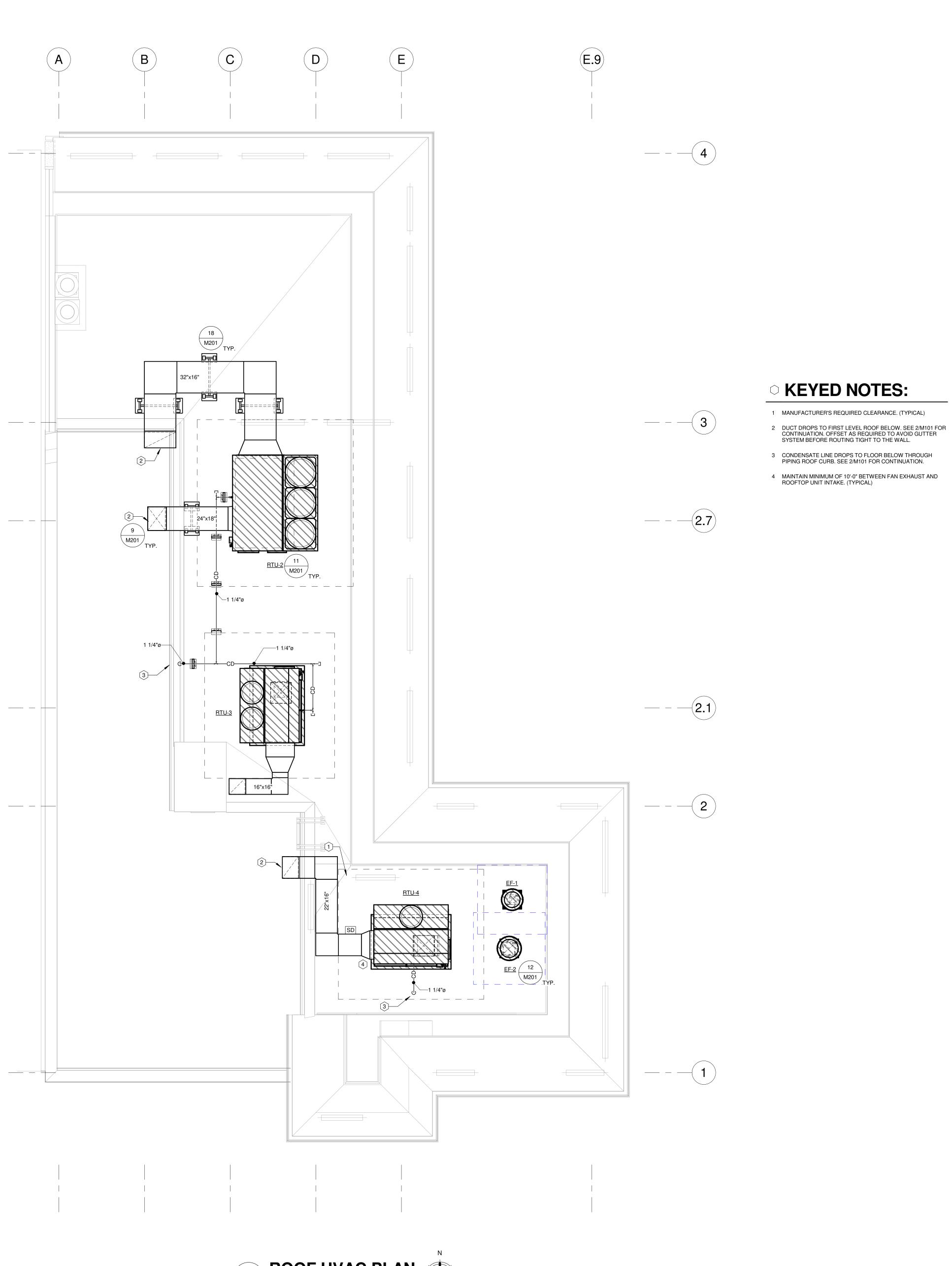
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REVISIONS NUMBER DATE DESCRIPTION

Contents: HVAC FLOOR PLANS





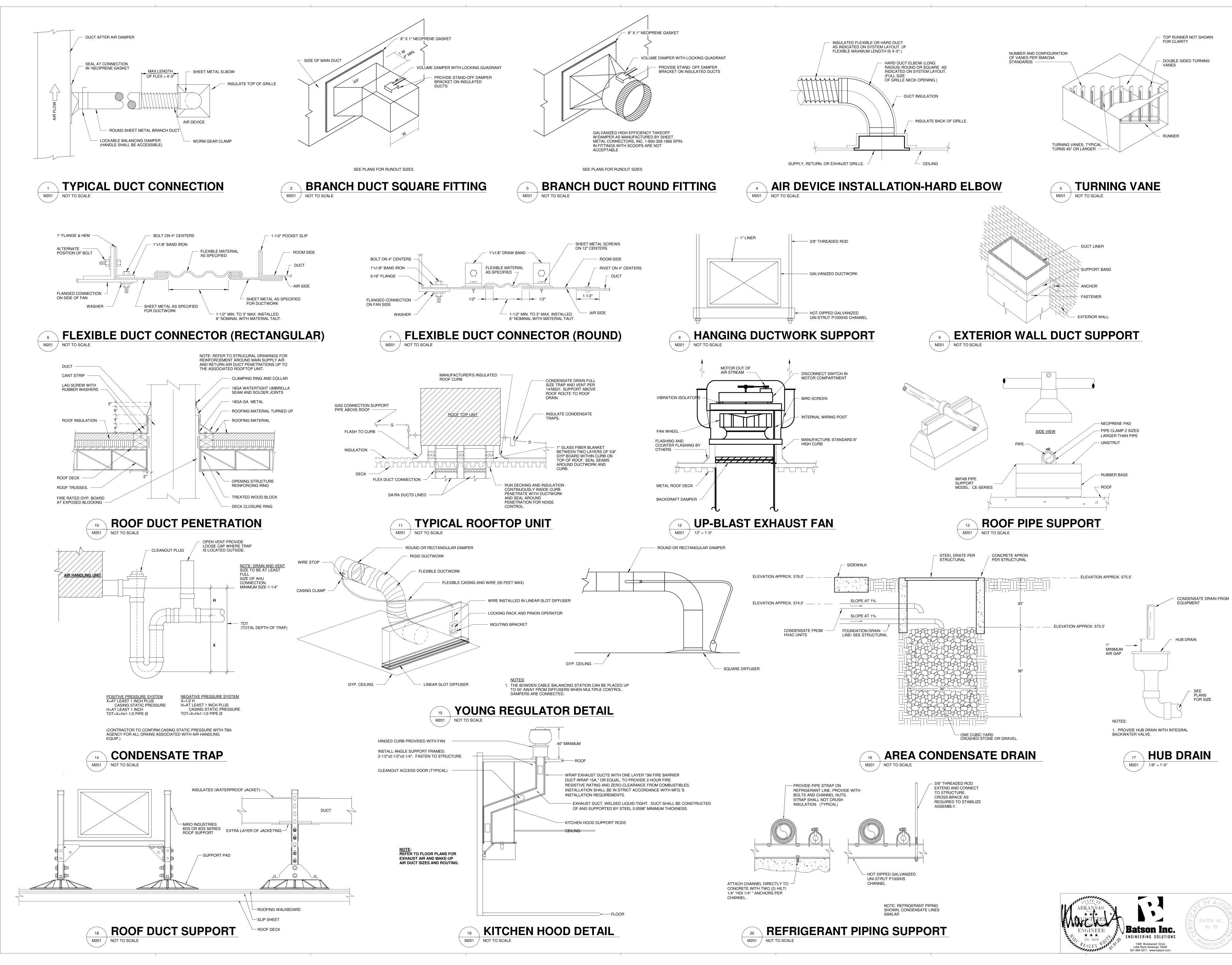


1 **ROOF HVAC PLAN** M102 1/4" = 1'-0"

ARKANSAS REGISTEREI ENGINEER NO. 9419 MESLEY MESL

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BATSON INC. No. 99



TOP RUNNER NOT SHOWN

DOUBLE SIDED TURNING



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**BID DOCUMENTS** 

**ENGLISH PUB** Little Rock, Arkansas Issue Date: 01.31.25

REVISIONS NUMBER DATE DESCRIPTION

SEE

PLANS

FOR SIZE

**Contents:** MECHANICAL DETAILS



PACK	AGED I		<b>SCHED</b>	DULE																								
					CC	DOLING DA	TA					HEATING DA	ATA		AIR	FLOW DATA				ELI		DATA						
MARK	LOCATION	SERVES	NOMINAL TONS	TOTAL MBH	SENSIBLE MBH	EDB	EWB	LDB	LWB	AMBIENT TEMP. DB / WB	TYPE	INPUT	OUTPUT	SUPPLY AIR CFM	DESIGN OSA CFM	MIN. OSA CFM	MOTOR HP	ESP	VOLTS	PHASE	MCA N	IOCP IE	ER IS	SMRE WE	EIGHT MANU	ACTURER	MODEL NO.	REMARKS
RTU-1	LOWER ROOF	KITCHEN 112	30	349.0	153.9	91.7 °F	80.0 °F	51.2 °F	51.2 °F	91.7 °F / 80.0 °F	NATURAL GAS	357.99	289.97	3500	3500	125	3.0	1.0 IN-WG	208	3	135.2	150 1	4.9	6.0 324	43 LBS. CAF	TIVEAIRE	CAS-HVAC3-I.400-20-30T	1,2,3,4,5,6,7,8,9,10,11,14,15,16,17,18,19,21
RTU-2	UPPER ROOF	ENTRY 101, MAIN DINING 102, BAR 104	15	204.3	105.2	84.4 °F	73.0 °F	49.8 °F	49.7 °F	91.7 °F / 80.0 °F	NATURAL GAS	197.63	160.08	2730	1560	755	3.0	1.0 IN-WG	208	3	64	70 1	8.8	5.7 252	29 LBS. CAF	TIVEAIRE	CAS-HVAC3-I.200-18-15T	1,2,3,4,5,6,7,8,9,10,12,14,15,16,17,18,19,21
RTU-3	UPPER ROOF	BAR 202	5	63.8	39.9	79.5 °F	67.6 °F	51.3 °F	51.3 °F	91.7 °F / 80.0 °F	NATURAL GAS	66.65	53.98	1160	350	250	1.5	1.25 IN-WG	208	3	26.8	30 1	7.9	6.1 12	I6 LBS. CAF	TIVEAIRE	CAS-HVAC1-I.75-15-5T	1,2,3,4,5,6,7,8,9,13,14,15,16,17,18,20,21
RTU-4	UPPER ROOF	1ST & 2ND FLOOR OFFICES AND RESTROOMS	7.5	98.7	52.9	83.0 °F	71.5 °F	49.9 °F	49.9 °F	91.7 °F / 80.0 °F	NATURAL GAS	96.96	78.54	1510	700	40	2.0	1.25 IN-WG	208	3	36.1	40 1	8.6	12.2 135	56 LBS. CAF	TIVEAIRE	CAS-HVAC1-I.100-15-7.57	Г 1,2,3,4,5,6,7,8,9,13,14,15,16,17,18,20,21
NOTES:												-											<b>I</b>		·			

REMARKS

REMARKS

1. INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR.

5. EC MOTOR CONDENSING FANS.

6. ELECTRONIC EXPANSION VALVE. 7. SUCTIONLINE ACCUMULATOR.

2. DIRECT DRIVE PLENUM BLOWER. 3. INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER.

4. REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM.

8. FACTORY COMMISIONING WITH 5 YEAR PARTS WARRANTY, 25 YEAR WARRANTY ON STAINLESS STEEL HEAT EXCHANGER. 9. AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT. 10. 2" EXTERIOR DUAL-WALL CONSTRUCTION WITH R-13 INSULATION - MINIMUM 20GA EXTERIOR WITH 14GA BASE. 11.81% EFFICIENT FURNACE WITH MODULATING INDUCER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 15:1 TURNDOWN WITH NG. 12. 81% EFFICIENT FURNACE WITH MODULATING INDUCER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 16:1 TURNDOWN WITH NG. 13. 81% EFFICIENT FURNACE WITH MODULATING INDUCER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 6:1 TURNDOWN WITH NG. 14. SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE.

EER

12.0

12.0

MANUFACTURER

GREENHECK

GREENHECK

CAPTIVEAIRE

CAPTIVEAIRE

CAPTIVEAIRE

MANUFACTURER

DAIKIN

DAIKIN

MODEL

G-080-VG

G-100-VG

DU85HFA

DU85HFA

DU12HFA

MODEL

FFQ09W2VJU9-RX09WMVJU

FFQ09W2VJU9-RX09WMVJU

1 - 2 - 3 - 4 - 6

1 - 2 - 3 - 4 - 5

1 - 2 - 3 - 4

1 - 2 - 3 - 4

1 - 2 - 3

SEER

19.8

19.8

#### **DUCTLESS SPLIT SYSTEM SCHEDULE**

MARK	LOCATION	SERVES	SENSIBLE	COOLING CFM	HEAT	HEATING CFM	E	LECTR	ICAL DATA	c
	LOCATION	SLAVES	CAPACITY	HIGH/MED/LOW	CAPACITY	HIGH/MED/LOW	MCA	MFA	VOLTS/PHASE	
DSS-1/DHP-1	STAIR 106/ROOF	STAIR 106	9,100 BTUH	378/339/268	10,000 BTUH	378/339/268	7.8	15	208/1	
DSS-2/DHP-2	STORAGE 111/ROOF	STORAGE111	9,100 BTUH	378/339/268	10,000 BTUH	378/339/268	7.8	15	208/1	

#### **EXHAUST FAN SCHEDULE**

	TYPE			FAN DATA		M	OTOR DATA		SONE	TOTAL UNIT
MARK		DRIVE	CFM	ESP	RPM	HP	VOLTS	Ø	LEVEL	WEIGHT (LBS)
EF-1	ROOF-MOUNTED DOWNBLAST	DIRECT	100	0.25"	1255	0.1	115	1	5.39	29.6
EF-2	ROOF-MOUNTED DOWNBLAST	DIRECT	970	0.5"	1564	0.25	115	1	8.48	43.2
KEF-1	ROOF-MOUNTED UPBLAST	DIRECT	2040	1.25"	1543	1	115	1	15.7	94
KEF-2	ROOF-MOUNTED UPBLAST	DIRECT	2040	1.25"	1543	1	115	1	15.7	94
DEF-1	ROOF-MOUNTED UPBLAST	DIRECT	450	0.2"	1495	0.18	115	1	8.8	57
1	DISCONNECT		4	SPEED CON	TROL					
2	BACK DRAFT DAMPER		5	7-DAY PROC	GRAMMABLE T	IMER				
3	ROOF CURB									

### **AIR DEVICE SCHEDULE**

MARK	SYSTEM	STYLE	NECK SIZE	FACE SIZE	MAX CFM	APD	MAX N.C.	MATERIAL	FINISH	MANUFACTURER	MODEL NUMBER	REMARKS
CS1	SUPPLY AIR	SQUARE LOUVERED DIFFUSER	6"ø	12"x12"	100	0.10 IN-WG	30	STEEL	WHITE	PRICE	SMD SERIES	
CS2	SUPPLY AIR	SQUARE LOUVERED DIFFUSER	8"ø	24"x24"	200	0.10 IN-WG	30	STEEL	WHITE	PRICE	SMD SERIES	
CS3	SUPPLY AIR	PERFORATED SUPPLY PLENUM	8"ø	24"x24"	200	0.10 IN-WG	30	STAINLESS STEEL	STAINLESS STEEL	CAPTIVAIRE	DI-PSP SERIES	T-BAR CEILING COMPATIBLE. INTEGRAL RADIAL DAMP
CS4	SUPPLY AIR	PERFORATED SUPPLY PLENUM	10"ø	24"x24"	400	0.10 IN-WG	30	STAINLESS STEEL	STAINLESS STEEL	CAPTIVAIRE	DI-PSP SERIES	T-BAR CEILING COMPATIBLE. INTEGRAL RADIAL DAMP
LSD1	SUPPLY AIR	LINEAR SLOT DIFFUSER	8"	48"x4"	190	0.10 IN-WG	30	ALUMINUM	SEE ARCHITECT	PRICE	SDBI/SDS 75	2 SLOT, 3/4" SPACING, INTERNALLY INSULATED PLEN
LSD2	SUPPLY AIR	LINEAR SLOT DIFFUSER	8"	18"x7"	150	0.10 IN-WG	30	ALUMINUM	SEE ARCHITECT	PRICE	SDBI/SDS 75	4 SLOT, 3/4" SPACING, INTERNALLY INSULATED PLEN
LSD3	SUPPLY AIR	LINEAR SLOT DIFFUSER	10"	48"x7"	325	0.10 IN-WG	30	ALUMINUM	SEE ARCHITECT	PRICE	SDBI/SDS 75	4 SLOT, 3/4" SPACING, INTERNALLY INSULATED PLEN
CR1	RETURN AIR	EGG CRATE FACE RETURN	22"X22"	24"x24"	2000	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR2	RETURN AIR	EGG CRATE FACE RETURN	14"X14"	14"x14"	900	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CR3	RETURN AIR	EGG CRATE FACE RETURN	16"X16"	16"x16"	1300	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	
LBR1	RETURN AIR	LINEAR BAR RETURN GRILLE	48"X5"	50"x7"	750	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	LPB SERIES	15A CORE
CE1	EXHAUST AIR	EGG CRATE FACE RETURN	8"X8"	12"x12"	210	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	
CE2	EXHAUST AIR	EGG CRATE FACE RETURN	6"X6"	6"x6"	100	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	
SWE1	EXHAUST AIR	EGG CRATE FACE RETURN	6"X6"	6"x6"	100	0.10 IN-WG	30	ALUMINUM	WHITE	PRICE	80 SERIES	

2 IF AIR DEVICE NECK SIZE DIFFERS FROM BRANCH DUCT SIZE, PROVIDE TRANSITION AS NEEDED. 3 PROVIDE FRAME STYLE / INSTALLATION TYPE AS REQUIRED FOR CEILING TYPE.

4 PROVIDE RAPID MOUNT FRAMES FOR AIR DEVICES MOUNTED IN CEILINGS OTHER THAN LAY-IN TYPE CEILINGS.

15. FULLY MODULATING HOT GAS REHEAT. 16. 15 DEGREE LOW AMBIENT OPERATION.

17. HAIL GUARDS FOR CONDENSING COILS 18. FACTORY INSTALLED COMPRESSOR SOUND BLANKET.

19. DOWN DISCHARGE/DOWN RETURN.

20. DOWN DISCHARGE/SIDE RETURN. 21. ROOF CURB

PROVIDE WITH LOW AMBIENT KIT, THERMOSTAT AND CONDENSATE PUMP, AND 24"X24" DECORATION PANEL.

PROVIDE WITH LOW AMBIENT KIT, THERMOSTAT AND CONDENSATE PUMP, AND 24"X24" DECORATION PANEL.

ELE	ELECTRIC UNIT HEATER SCHEDULE													
MARK	SERVES	TYPE	KW	MOTOR HP	ELE		DATA	Mounting Height (AFF)	MANUFACTURER	MODEL	REMARKS			
					AMP	VOLTS	PHASE							
EUH-1	STAIR 106	SEMI-RECESS WALL MOUNT	1.5	1/125	12.5	120	1	18"	MARKEL	E3323TD-RP	1,2			
NOTES:														

1. DISCONNECT SWITCH 2. INTEGRAL THERMOSTAT

### **RADIANT HEATER SCHEDULE**

MARK	SERVES	ТҮРЕ	ĸw			ΔΤΑ	MOUNTING HEIGHT (AFF)	MANUFACTURER	MODEL	REMARKS	
				AMP	VOLTS	PHASE					
RH-1 THRU 6	SEATING 201	CEILING MOUNTED	4.5	21.6	208	1	9'-0"	BROMIC	PLATINUM SERIES BC3622004	1,2,3	
NOTES:											
-	WITH DIMMER CONTROL	MOTE PER OWNER/ARCH	HITECT	3. PROVID	E WITH CEIL	ING MOUNTI	NG KIT				



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#### ELECTRICAL GENERAL NOTES

- 1. PRIOR TO BID, CONTRACTOR SHALL BECOME THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THESE NOTES AS WELL AS OTHER NOTES SHOWN ON THE CONTRACT DOCUMENTS.
- 2. REFER TO SPECIFICATIONS. SPECIFICATIONS AND DRAWINGS ARE COMPLIMENTARY EXCEPT THAT, IN CASE OF CONFLICT, SPECIFICATIONS WILL GOVERN.
- 3. BY NECESSITY, THESE DRAWINGS REFLECT A SYSTEM DESIGNED AROUND SPECIFIC REFERENCE PRODUCTS (SEE SCHEDULES), THE SELECTION OF WHICH HAS IMPACTED THE DESIGNS OF OTHER TRADES (MECHANICAL, STRUCTURAL, ETC.). IF SUBSTITUTE MANUFACTURERS, SIZES, OR MODEL NUMBERS ARE SUBMITTED OR BID, IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND HIS SUBCONTRACTORS TO COORDINATE ALL DIFFERENCES PRIOR TO BID. NO EXTRAS WILL BE ALLOWED FOR CHANGES REQUIRED TO OTHER TRADES IF SUBSTITUTE EQUIPMENT IS BID OR INSTALLED AT THE CONTRACTORS OPTION.
- 4. COORDINATION OF ALL MODIFICATIONS TO EACH DISCIPLINE WHICH RESULT FROM SUBSTITUTION OF EQUIPMENT OR MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL PROPOSED SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW. SUBSTITUTIONS WHICH ARE INSTALLED AND SUBSEQUENTLY ARE PROVEN UNSATISFACTORY BY OWNER AND/OR ENGINEER, WITHIN THE WARRANTY PERIOD, SHALL BE REMOVED COMPLETELY BY THE CONTRACTOR AND REPLACED WITH THE ORIGINAL DESIGN OR CORRECTED AS DIRECTED BY THE ENGINEER WITHOUT ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES; OBTAIN ALL PERMITS, AND PAY ALL GOVERNMENTAL TAXES, FEES AND OTHER COSTS IN CONNECTION WITH WORK; FILE ALL NECESSARY PLANS; PREPARE ALL DOCUMENTS AND OBTAIN ALL NECESSARY APPROVALS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION AND OBTAIN REQUIRED CERTIFICATES OF INSPECTION.
   CONTRACTOR SHALL INCLUDE IN THE WORK ALL LABOR MATERIALS. SERVICES. APPARATUS
- CONTRACTOR SHALL INCLUDE IN THE WORK ALL LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS, ETC. IN ORDER TO COMPLY WITH ALL LAWS, ORDINANCES, CODES, RULES, AND REGULATIONS OF LOCAL, STATE AND FEDERAL GOVERNMENTS, WHETHER OR NOT SHOWN ON THE DRAWINGS.
- 7. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL PROVIDE COMPLETE TIE-IN WITH UTILITY LINES AT NO EXTRA COST TO THE OWNER. THE CONTRACTOR SHALL PAY ALL COSTS REQUIRED BY UTILITY COMPANY PERTAINING TO CONSTRUCTION AND TIE-IN. DEPOSITS REQUIRED FOR PERMANENT SERVICE SHALL BE PAID BY THE OWNER.
- 8. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY COMPONENT, DEVICE OR OPTION. THE EQUIPMENT LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE FINAL LOCATIONS SHALL BE ESTABLISHED IN THE FIELD TO FIT THE AVAILABLE SPACE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ELECTRICAL WORK WITH THAT OF OTHER TRADES. EXACT LOCATIONS OF ALL EQUIPMENT SHALL BE COORDINATED WITH OTHER TRADES. SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING DETAILS AND DIMENSIONS.
- 10. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
- CONTRACTOR SHALL NOT SCALE DRAWINGS. DRAWINGS SPECIFIC TO THIS DISCIPLINE DO NOT LIMIT THE RESPONSIBILITY OF WORK REQUIRED BY THE CONTRACT DOCUMENTS.
   UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM IN THE DRAWINGS
- OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO FURNISH AND INSTALL THE ITEM.
  13. ROUGH-IN OR INSTALLATION OF OWNER FURNISHED EQUIPMENT SHALL NOT BEGIN UNTIL APPROVED EQUIPMENT DRAWINGS ARE OBTAINED FROM OWNER OR ARCHITECT. SEE ARCHITECTURAL SPECIFICATIONS OR DRAWINGS FOR LIST OF OWNER FURNISHED EQUIPMENT (WHERE APPLICABLE).
- CONTRACTOR SHALL VERIFY ALL EQUIPMENT LOCATIONS, POWER REQUIREMENTS, ROUTING, CONDUCTOR SIZE, AND CONDUCTOR COUNT PRIOR TO ROUGH-IN.
- 15. COORDINATE FINAL HEIGHTS AND LOCATIONS OF ALL DEVICES WITH MILLWORK, FURNITURE OR OTHER EQUIPMENT.
- 16. ALL DEVICES LOCATED IN SAME GENERAL LOCATION ON THE SAME WALL SHALL BE GROUPED AND ALIGNED HORIZONTALLY OR VERTICALLY, AS NECESSARY.
- GROUPED SWITCHES SHALL BE GANG MOUNTED.
   COLOR AND TYPE OF DEVICE COVER PLATES TO BE SELECTED BY ARCHITECT.
- 19. COORDINATE FRAMES AND ACCESSORIES FOR FIXTURE MOUNTING WITH ARCHITECTURAL FINISH SCHEDULE.
- 20. REPLACE ALL ARCHITECTURAL FEATURES REMOVED OR DAMAGED DURING THE COURSE OF THE
- WORK. 21. SEAL ALL ROOF AND WALL PENETRATIONS. ROOFING CONTRACTOR SHALL BE RESPONSIBLE FOR FLASHING AND SEALING OF ALL ROOF PENETRATIONS. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO BID FOR ALL REQUIRED FLASHINGS AT ROOF PENETRATIONS. MINIMUM HEIGHT OF FLASHING IS 8 IN. ABOVE ROOF.
- 22. SPECIAL CARE SHALL BE TAKEN ON THE ROOF TO PREVENT DAMAGE. ANY DAMAGE SHALL BE PROMPTLY REPAIRED AT NO EXPENSE TO THE OWNER.

				REC	D LAMPS		
ID	MANUFACTURER	MODEL NO.	VOLTAGE		TYPE	MOUNTING	DESCRIPTION
А	COLUMBIA	LCAT22-S-40-L054-G-ED-U	120V	-	LED	RECESSED	2X2 LED ARCHITECTURAL TROFFER
AE	COLUMBIA	LCAT22-S-40-L054-G-ED-U-ELL14	120V	-	LED	RECESSED	2X2 LED ARCHITECTURAL TROFFER W/ EMERGENCY BATTERY BACKU
В	PRESCOLITE	LFR-4RD-M-25L-COLORTEMP-8-XW-DM1-LFR-4RD-T-SS-FINISH-LFR-4RD-H	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT
BE	PRESCOLITE	LFR-4RD-M-25L-COLORTEMP-8-XW-DM1-EM-LFR-4RD-T-SS-FINISH-EM-LFR-4RD-H	120V	-	LED	RECESSED	4" ROUND RECESSED LED CAN LIGHT W/ EMERGENCY BATTERY BACK
D	COLUMBIA	MPS4-35-ML-C-W-ED-U	120V	-	LED	PENDANT/SURFACE	4FT LENSED STRIP FIXTURE
DE	COLUMBIA	MPS4-35-ML-C-W-ED-U-ELL14	120V	-	LED	PENDANT/SURFACE	4FT LENSED STRIP FIXTURE W/ EMERGENCY BATTERY BACKUP
D1	COLUMBIA	MPS2-35-HL-C-W-ED	120V	-	LED	PENDANT/SURFACE	2FT LENSED STRIP FIXTURE
F	PRESCOLITE	LFR-4RA-M-25L-COLORTEMP-8-WD-DM1-LFR-RRA-T-SS-FINISH-LFR-4RD-H	120V	-	LED	RECESSED	4" ROUND RECESSED ADJUSTABLE CAN LIGHT
G		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	WALL	DECORATIVE WALL SCONCE
Н		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	MAIN DINING DECORATIVE PENDANT
J		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	ENTRY DECORATIVE PENDANT
к		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	WALL	STAIRWELL DECORATIVE WALL SCONCE
L		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	BAR DECORATIVE PENDANT
М		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	RESTROOM DECORATIVE PENDANT
N		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	STAIRWELL DECORATIVE PENDANT
Р		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	COVERED SEATING CEILING FAN, DAMP RATED
Q		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	WALL	DECORATIVE BAR WALL SCONCE
R		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	PENDANT	COVERED SEATING DECORATIVE WALL SCONCE, DAMP RATED
т		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	WALL	ART WORK DECORATIVE FIXTURE
V	LEDI LIGHTING	CB1-15-LED COLOR-20 W/ DRIVER DR-60W-24-DIMALL & CHANNEL CH1-KIT-SQ- FINISH-FR-CUSTOM	120V	-	LED	SURFACE	20' UNDERBAR LED TAPE LIGHTING
х	MULE LIGHTING	PVT-UM-B-COLOR-S/R-FINISH-SD	120V	-	LED	UNIVERSAL	EXIT LIGHT - SINGLE OR DOUBLE FACE - CHEVRONS AS SHOWN ON PL
Z	MULE LIGHTING	EAE-BB-10-FINISH-W-DG	120V	-	LED	WALL	EXTERIOR EGRESS EMERGENCY LIGHT
AA		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	WALL	OUTDOOR DECORATIVE WALL-MOUNT FIXTURE
BB		OWNER-FURNISHED, CONTRACTOR INSTALLED	120V	-	-	SURFACE	OUTDOOR RATED FAN
СС	IGUZZINI	ILM-HO-FL-COLORTEMP-1.8FT-M4-4543 W/ 4548-0024-096-UNV-D10-PWM	120V	-	LED	WALL	EXTERIOR WALL-MOUNTED FLOOD LIGHT
DD	BEACON LIGHTING	VPW2-80L-65-4K8-4F-UNV-FINISH	120V	_	LED	WALL	EXTERIOR WALL PACK

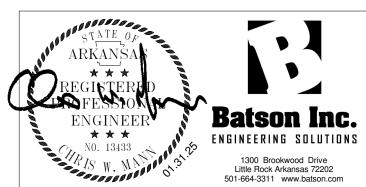
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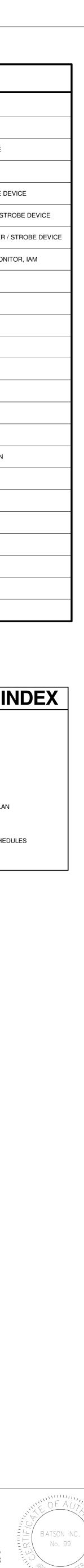
	ELECTRICAL LEGEND											
	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION							
	2X4 LAY-IN OR SURFACE-MOUNTED FIXTURE	<del>4</del>	QUADRAPLEX RECEPTACLE	FM	FIRE ALARM HORN / STROBE DEVICE							
	2X4 LAY-IN OR SURFACE-MOUNTED FIXTURE; SHADING INDICATES EMERGENCY FIXTURE	₿	SPECIALTY RECEPTACLE	54	FIRE ALARM SPEAKER / STROBE DEVICE							
	2X2 LAY-IN OR SURFACE-MOUNTED FIXTURE	$\odot$	FLOOR RECEPTACLE	ĒÞ	FIRE ALARM STROBE DEVICE							
	2X2 LAY-IN OR SURFACE-MOUNTED FIXTURE; SHADING INDICATES EMERGENCY FIXTURE	⊙▼	FLOOR BOX	Ē	CEILING-MOUNTED FIRE ALARM STROBE DE							
	SURFACE, STRIP OR PENDANT-MOUNTED FIXTURE	-#6	HOMERUN: HOT, NEUTRAL, GROUND	С <sub>н</sub>	CEILING-MOUNTED FIRE ALARM HORN / STR							
	WALL-MOUNTED SURFACE OR STRIP FIXTURE	Б	DISCONNECT SWITCH	© <sub>s</sub>	CEILING-MOUNTED FIRE ALARM SPEAKER / S							
	SURFACE-MOUNTED OR RECESSED CAN LIGHT FIXTURE	۲	FUSED DISCONNECT SWITCH	Z <sub>C,M,I</sub>	ZAM FIRE ALARM DEVICE: CONTROL, MONIT							
	WALL-MOUNTED SURFACE FIXTURE	⊠ı	COMBINATION STARTER / FUSED SWITCH	ML	MAGNETIC LOCK							
	CEILING-MOUNTED EXIT LIGHT; SHADING INDICATES FACES CHEVRONS AS SHOWN ON PLANS		MOTOR STARTER	TSFS	FIRE ALARM TAMPER / FLOW SWITCHES							
	WALL-MOUNTED EXIT LIGHT; SHADING INDICATES FACES CHEVRONS AS SHOWN ON PLANS	J	JUNCTION BOX (FLUSH MOUNTED)		SECURITY CAMERA							
	SINGLE-POLE SWITCH	۰	PUSH-BUTTON	CR	CARD READER (BOX ONLY)							
	THREE-WAY SWITCH	▼	TELEPHONE OUTLET	К	KEYPAD (BOX ONLY)							
	FOUR-WAY SWITCH	₩ ▼	WALL-MOUNTED TELEPHONE OUTLET	Ø	PAGING SPEAKER							
	DIMMER SWITCH	$\bigtriangledown$	DATA OUTLET	V	PAGING SPEAKER VOLUME CONTROL							
	WALL-MOUNTED OCCUPANCY SENSOR SWITCH	V	COMBINATION TELEPHONE / DATA OUTLET	а	INDICATES ABOVE COUNTER							
	WALL-MOUNTED OCCUPANCY SENSOR DIMMING SWITCH		HDMI OUTLET	GFI	INDICATES GROUND FAULT PROTECTION							
	LOW VOLTAGE SWITCH	AP	WIRELESS ACCESS POINT	WR	INDICATES WEATHER RESISTANT							
	MANUAL MOTOR STARTER SWITCH	6	SMOKE DETECTOR	TR	INDICATES TAMPER RESISTANT							
	CEILING-MOUNTED LOW VOLTAGE OCCUPANCY SENSOR	S	DUCT SMOKE DETECTOR	AFF	INDICATES ABOVE FINISH FLOOR							
v	CEILING-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR	Η	HEAT DETECTOR	AFG	INDICATES ABOVE FINISH GRADE							
	OCCUPANCY SENSOR POWER PACK	0	CARBON MONOXIDE DETECTOR	NS	INDICATES NON-SWITCHED							
	SIMPLEX RECEPTACLE	D	DOOR HOLDER	ER	INDICATES EXISTING RELOCATED							
	DUPLEX RECEPTACLE	F	FIRE ALARM PULL STATION	ETR	INDICATES EXISTING TO REMAIN							
-												

\*\*\* NOTE: NOT ALL SYMBOLS SHOWN IN LEGEND ARE APPLICABLE TO THIS PROJECT. \*\*\*

#### **ELECTRICAL DRAWING INDEX**

E001	ELECTRICAL NOTES, LEGEND, & INDEX
E201	FIRST FLOOR LIGHTING PLAN
E202	SECOND FLOOR LIGHTING PLAN
E301	FIRST FLOOR POWER & SYSTEMS PLAN
E302	SECOND FLOOR POWER & SYSTEMS PLAN
E401	SECOND FLOOR HVAC EQUIPMENT POWER PLAN
E402	ROOF HVAC EQUIPMENT POWER PLAN
E501	ELECTRICAL ONE-LINE DIAGRAM & PANEL SCHED
E601	ELECTRICAL DETAILS





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PSW Job Number: 1001B

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ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25

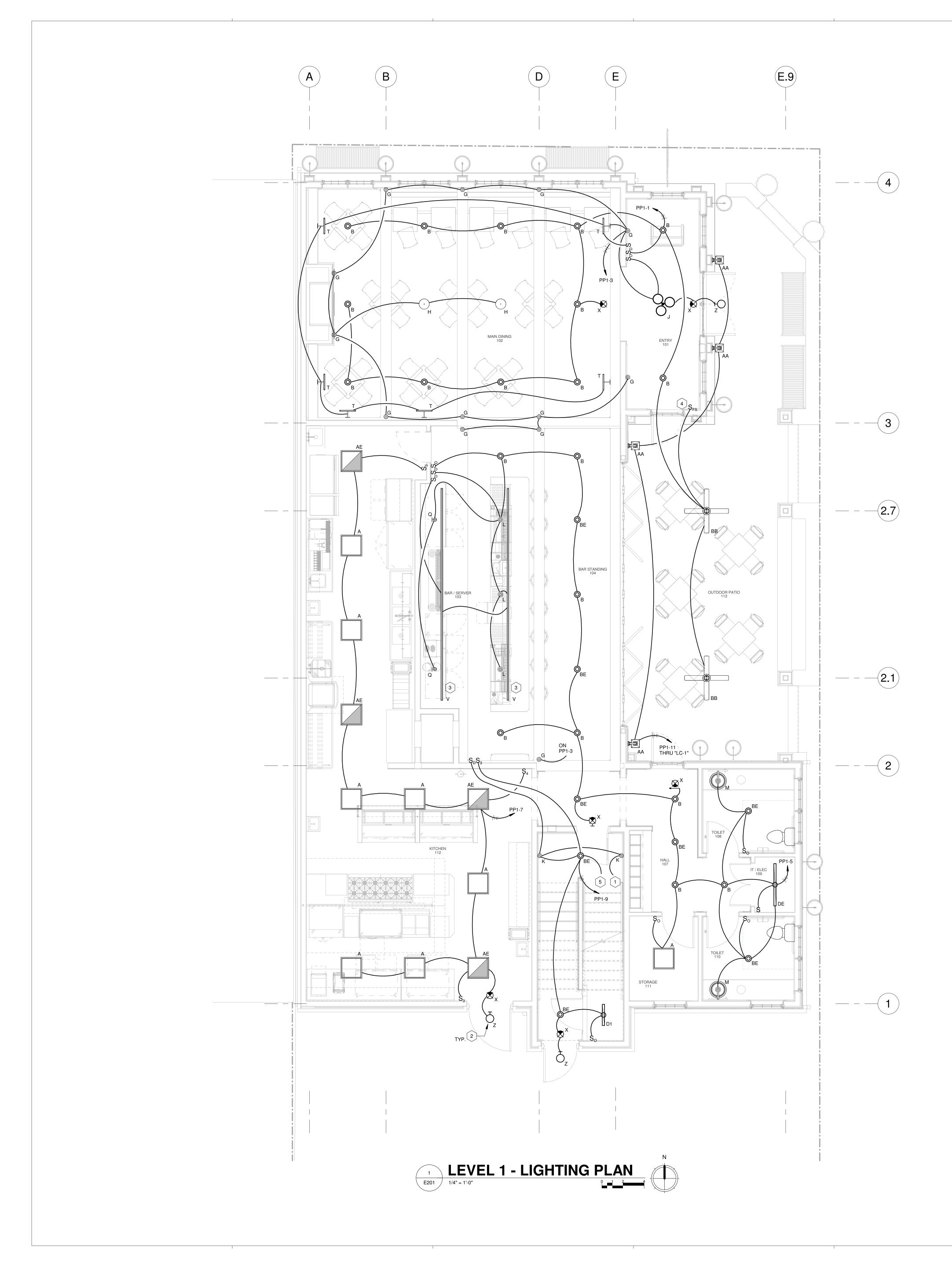
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Contents: ELECTRICAL NOTES, LEGEND, & INDEX

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### **GENERAL ELECTRICAL NOTES**

ALL EXIT LIGHTS AND BATTERY BACKUP FOR EMERGENCY FIXTURES SHALL BE CIRCUITED WITH AN UNSWITCHED HOT.

LIGHTING AND DIMMER SWITCHES SHALL BE DECORA-STYLE. COLOR TO BE LECTED BY ARCHITECT.

DIMMER SWITCHES FOR LED FIXTURES WITHIN THE CONTRACTOR'S SCOPE WORK SHALL BE THE 0-10V TYPE. NTRACTOR SHALL VERIFY TYPE OF DIMMER SWITCHES REQUIRED FOR /NER-FURNISHED, CONTRACTOR INSTALLED FIXTURES.

OVIDE 24" OF EXTRA WIRING SLACK AT EACH WALL SCONCE.

RIFY MOUNTING HEIGHTS AND ROUGH-IN LOCATIONS OF ALL FIXTURES WITH ACHITECT PRIOR TO BEGINNING WORK. VERIFY FINAL AIMING WITH ACHITECT ONCE FIXTURES HAVE BEEN INSTALLED.

ORDINATE FINAL LOCATIONS OF ALL RECESSED CEILING FIXTURES WITH CHITECTS PLANS AND STRUCTURAL CEILING JOISTS.

### KEYED ELECTRICAL NOTES

ONTINUE CIRCUITING TO WALL SCONCES AT STAIR LANDING. REFER TO 2ND OOR LIGHTING PLAN.

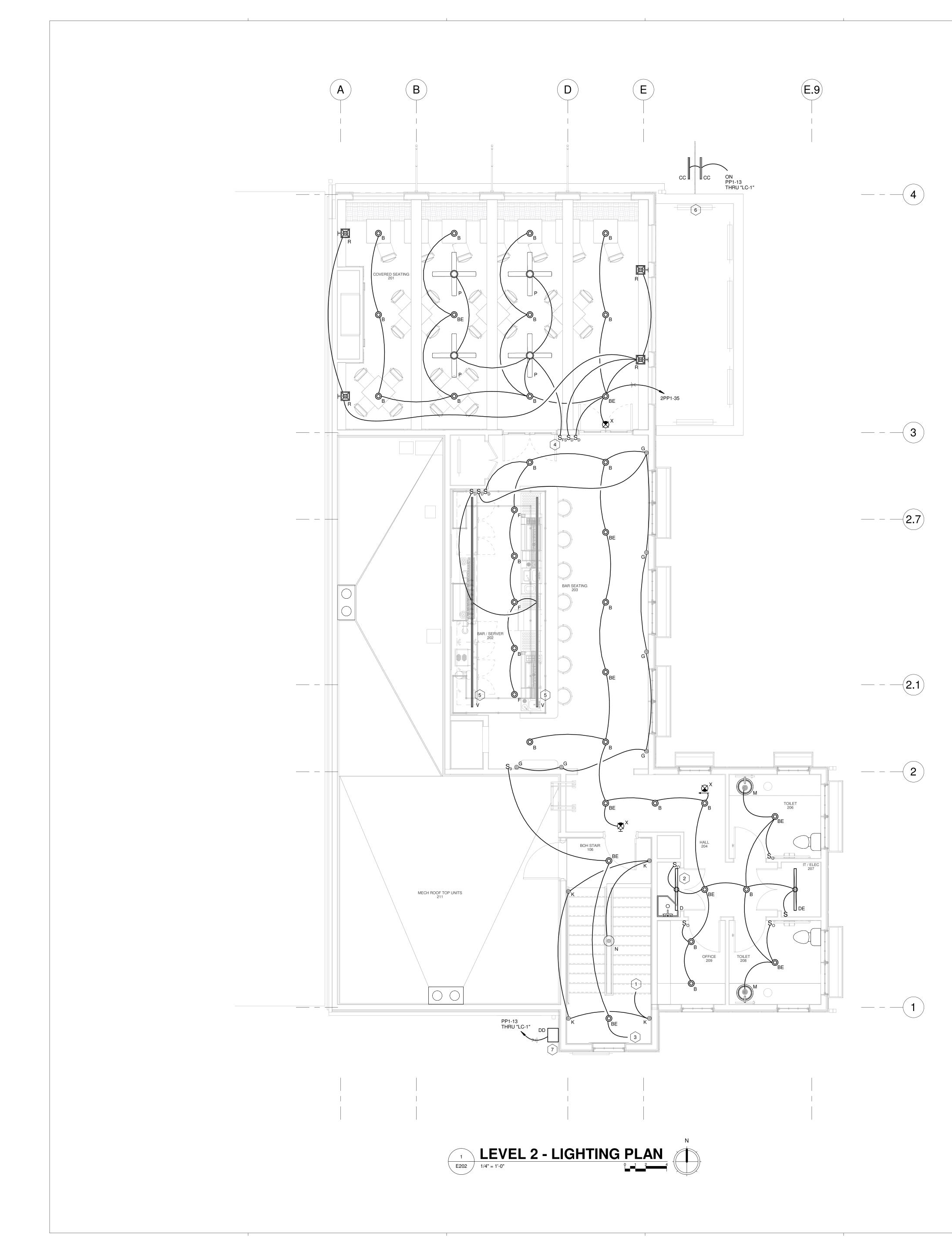
PE "Z" FIXTURE BACK BOXES REQUIRE 1.5" EXTENSION RING TO BE STALLED TO ACCOMMODATE THE BATTERY BACKUP. INSURE EXTENSION IG IS INSTALLED SO FIXTURE CANOPY SITS FLUSH AGAINST THE EXTERIOR ALL SURFACE. TYPICAL ALL TYPE "Z" LIGHTING FIXTURES. MOTE MOUNT DRIVER UNDER BAR FOR TYPE "V" LIGHTING FIXTURE. RIFY PLACEMENT WITH ARCHITECT.

OVIDE AND INSTALL FAN SPEED CONTROL SWITCH. USE SPEED SWITCH MPATIBLE WITH MANUFACTURER'S RECOMMENDATIONS. ONTINUE CIRCUITING TO CAN LIGHTS AT 2ND FLOOR. REFER TO 2ND FLOOR GHTING PLAN.



| POLK | STANLEY | WILCOX 801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com MEP ENGINEERING Batson Inc 1300 Brookwood Dr Little Rock, AR 72202 PH: 501.664.3311 STRUCTURAL ENGINEERING Engineering Consultants, Inc 401 W Capitol Ave, Suite 305 Little Rock, AR 72201 PH: 501.376.3752 CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272 INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961 PSW Job Number: 1001B BID DOCUMENTS ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25 REVISIONS NUMBER DATE DESCRIPTION Contents: FIRST FLOOR LIGHTING PLAN E201





- OF WORK SHALL BE THE 0-10V TYPE.

### KEYED ELECTRICAL NOTES

- 2 WALL MOUNT STRIP FIXTURE ABOVE DOOR. FLOOR LIGHTING PLAN. VERIFY PLACEMENT WITH ARCHITECT. ARCHITECT.

### GENERAL ELECTRICAL NOTES

1. ALL EXIT LIGHTS AND BATTERY BACKUP FOR EMERGENCY FIXTURES SHALL BE CIRCUITED WITH AN UNSWITCHED HOT.

2. ALL LIGHTING AND DIMMER SWITCHES SHALL BE DECORA-STYLE. COLOR TO BE SELECTED BY ARCHITECT.

3. ALL DIMMER SWITCHES FOR LED FIXTURES WITHIN THE CONTRACTOR'S SCOPE

4. CONTRACTOR SHALL VERIFY TYPE OF DIMMER SWITCHES REQUIRED FOR OWNER-FURNISHED, CONTRACTOR INSTALLED FIXTURES.

5. PROVIDE 24" OF EXTRA WIRING SLACK AT EACH WALL SCONCE.

6. VERIFY MOUNTING HEIGHTS AND ROUGH-IN LOCATIONS OF ALL FIXTURES WITH ARCHITECT PRIOR TO BEGINNING WORK. VERIFY FINAL AIMING WITH ARCHITECT ONCE FIXTURES HAVE BEEN INSTALLED.

COORDINATE FINAL LOCATIONS OF ALL RECESSED CEILING FIXTURES WITH ARCHITECTS PLANS AND STRUCTURAL CEILING JOISTS.

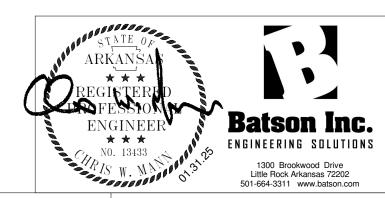
CIRCUITING CONTINUED FROM WALL SCONCES ON 1ST FLOOR. REFER TO 1ST FLOOR LIGHTING PLAN.

CIRCUITING CONTINUED FROM CAN LIGHTS ON 1ST FLOOR. REFER TO FIRST 4 PROVIDE AND INSTALL FAN SPEED CONTROL SWITCH. USE SPEED SWITCH COMPATIBLE WITH MANUFACTURER'S RECOMMENDATIONS.

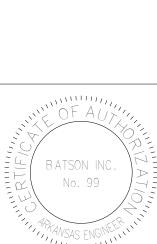
5 REMOTE MOUNT DRIVER UNDER BAR FOR TYPE "V" LIGHTING FIXTURE.

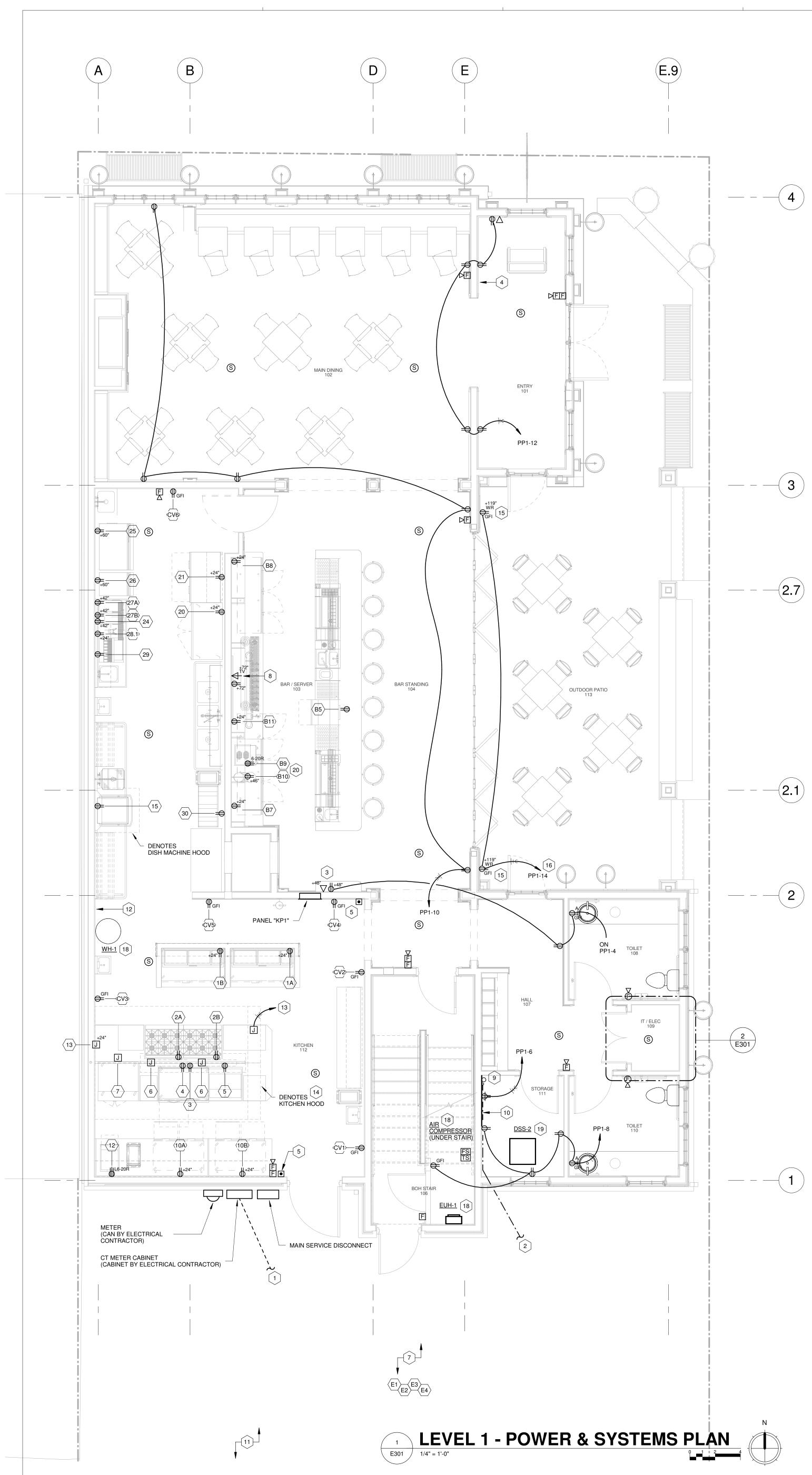
6 REMOTE MOUNT TYPE "CC" FIXTURE DRIVER AT PLANTER. CONCEAL ALL WIRING TO FIXTURES. VERIFY EXACT DRIVER MOUNTING LOCATION WITH

7 VERIFY FIXTURE MOUNTING HEIGHT WITH ARCHITECT.



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### **GENERAL ELECTRICAL NOTES**

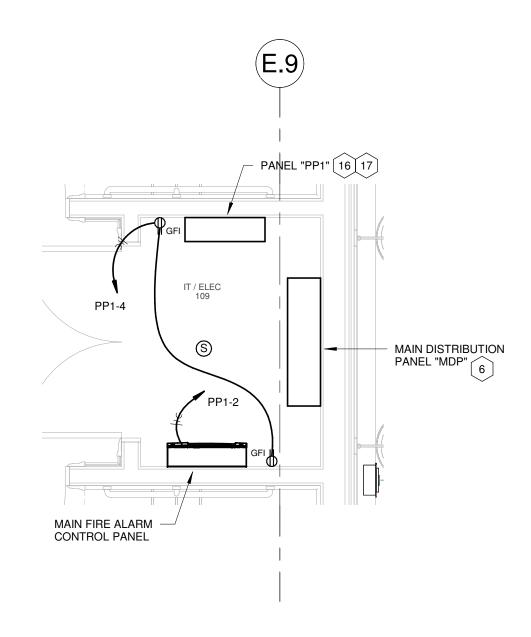
- 1. HOMERUN ALL TELEPHONE/DATA CONDUITS BACK TO STORAGE 111 WHERE STUB-UPS OCCUR OVER HARD CEILING AREAS.
- 2. CONTACT BRAD VANCE WITH ENTERGY AND INCLUDE ALL UTILITY COSTS IN BID. 3. ALL WIRING DEVICES INSTALLED IN BASEBOARDS SHALL BE INSTALLED IN
- SINGLE-GANG BACKBOXES AND MOUNTED HORIZONTALLY. VERIFY EXACT MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO BEGINNING ROUGH-INS.
- 4. COORDINATE ALL WIRING DEVICE EXACT LOCATIONS AND ROUGH-IN HEIGHTS WITH ARCHITECT PRIOR TO BEGINNING WORK.
- 5. REFER TO CAPTIVEAIRE HOOD DRAWINGS FOR ALL CONDUIT AND WIRING REQUIREMENTS BETWEEN HOOD CONTROL PANEL AND RTU'S, EXHAUST FANS, HMI'S, AND HUMIDISTAT. MAKE ALL CONNECTIONS AS REQUIRED.

#### KEYED ELECTRICAL NOTES

- 1 UNDERGROUND SECONDARY. REFER TO ONE-LINE DIAGRAM FOR CONDUIT AND FEEDER REQUIREMENTS. REFER TO CIVIL SITE PLAN FOR CONDUIT ROUTING BACK TO EXISTING POWER POLE AT THE SOUTHEAST CORNER OF
- PROVIDE AND INSTALL (1) 4"C AND (1) 2"C FROM TELEPHONE PEDESTAL FOR COMMUNICATIONS. STÙÉ UP CONDUITS IN CORNER OF STORAGE 111. COORDINATE WITH OWNER'S SERVICE PROVIDER FOR REQUIREMENTS AND REFER TO CIVIL SITE PLAN FOR CONDUIT ROUTING.

THE PROPERTY.

- 3 POWER AND DATA FOR POINT-OF-SALE (POS) MACHINE. VERIFY MOUNTING HEIGHT OF WIRING DEVICES PRIOR TO BEGINNING ROUGH-IN. CONNECT TO CIRCUIT AS INDICATED.
- FIRE ALARM REMOTE ANNUNCIATOR. CONNECT TO CONTROL PANEL AS REQUIRED.
- PROVIDE AND INSTALL .75"C STUBBED FROM HEXAGONAL JUNCTION AT 48" ABOVE FINISH FLOOR FOR ANSUL PULL STATION. STUB CONDUIT TO ABOVE ACCESSIBLE CEILING. VERIFY EXACT LOCATION WITH FIRE SYSTEM INSTALLER.
- 6 CONNECT SHUNT-TRIP BREAKER FOR ITEM #13 CHEF SUITE LOAD CENTER BACK TO HOOD CONTROL PANEL AS REQUIRED TO SHUT DOWN LOADS UPON ACTIVATION OF ANSUL SYSTEM.
- VERIFY WALK-IN COOLER/FREEZER CONNECTIONS AND STUB UP LOCATIONS WITH KITCHEN EQUIPMENT SUPPLIER. SEAL ALL CONDUIT PENETRATIONS IN ACCORDANCE WITH KITCHEN EQUIPMENT SUPPLIER REQUIREMENTS. REFER TO ARCHITECTURAL SITE PLAN FOR COOLER/FREEZER LOCATION.
- 8 STUB UP 1.25"C FROM TELEVISION COMMUNICATIONS BACKBOX TO ABOVE ACCESSIBLE CEILING OR HOMERUN BACK TO STORAGE 111. TYPICAL ALL TELEVISION LOCATIONS.
- 9 COMMUNICATION SERVICE CONDUIT STUB-UPS.
- 10 TELEPHONE TERMINAL BOARD. PROVIDE AND INSTALL 4'x8'x.75" SHEET PLYWOOD PAINTED WITH FIRE RETARDANT PAINT.
- HOT BOX. PROVIDE AND INSTALL GFI/WP OUTLET. CONNECT OUTLET TO "PP1-16". REFER TO CIVIL SITE PLAN FOR HOT BOX LOCATION.
- 2 DISCONNECT LOCATION FOR WATER HEATER. HOOD CONTROL PANEL. CONNECT TO "KP1-22".
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL CONDUIT AND WIRING BETWEEN HOOD CONTROL PANELS AND RTU'S, EXH FANS, HMI'S AND HUMIDISTATS. COORDINATE AND VERIFY MOUNTING HEIGHTS AND LOCATIONS WITH MECHANICAL PLANS EQUIPMENT INSTALLERS.
- (QTY OF 4) 5/C #18 FROM EACH RTU TO ASSOCIATED HUMIDISTAT
  (QTY OF 1) 2/C #18 FROM CONTRL PANEL TO KITCHEN TEMP SENSOR (QTY OF 4) - 4/C #18 FROM CONTROL PANEL TO EACH RTU
- (QTY OF 1) 3/C #12 FROM HOOD #1 TO HOOD #2 FOR LIGHTS
- (QTY OF 1) 3/C #12 FROM HOOD #1110 HOOD #2 FOR EIGHTS
  (QTY OF 1) 3/C #14 FROM CONTROL PANEL TO GAS VALVE.
  (QTY OF 4) 2-GANG BACK BOX FOR EACH HMI.
  (QTY OF 1) SINGLE-GANG BACK BOX FOR KITCHEN TEMP SENSOR.
  (QTY OF 2) OUTDOOR RATED TWISTED SHIELDED PAIR FROM CONTROL PANEL TO EXUMPLE TEAM.
- (QTY OF 4) PLENUM-RATED CAT5 FROM EACH RTU TO ASSOCIATED HMI. CAT5 CABLING BY EQUIPMENT SUPPLIER.
- 15 MOUNT OUTLET IN WOODEN BEAM ABOVE LIGHTING FIXTURE. CENTER OUTLET IN BEAM.
- 16 INSTALL SINGLE-POLE SWITCH IN IT/ELEC ROOM TO SWITCH OUTLETS IN OUTDOOR PATIO AREA. LABEL SWITCH "OUTDOOR PATIO LIGHTS". MOUNT SWITCH ADJACENT TO PANELBOARD "PP1".
- 17 INSTALL (2) SINGLE-POLE SWITCHES IN IT/ELEC ROOM 109 TO SWITCH OUTLETS IN 2ND FLOOR SOFFIT. LABEL SWITCHES "SOFFIT CHRISTMAS LIGHTS". MOUNT SWITCH ADJACENT TO PANELBOARD "PP1". ONE SWITCH SHALL CONTROL OUTLETS ON CIRCUIT "PP1-34" AND 2ND SWITCH TO CONTROL OUTLETS ON "PP1-36".
- 18 REFER TO LEVEL 1 MECHANICAL CIRCUIT SCHEDULE THIS SHEET FOR REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED SO THEY DO NOT INTERFERE WITH EQUIPMENT ACCESS OR CLEARANCE SPACE.
- 19 REFER TO LEVEL 2 MECHANICAL CIRCUIT SCHEDULE ON SHEET E401 FOR REQUIREMENTS.
- 20 MOUNT OUTLETS IN SHELVING BASE SUPPORT. REFER TO ARCHITECTURAL DETAILS AND ELEVATIONS.



LEVEL 1 - IT/ELEC 109 //

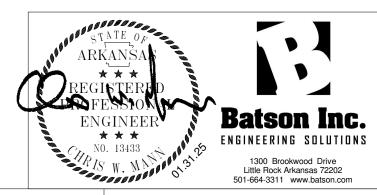
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E301 1/2" = 1'-0"

ITEM 1A 1B 2A 2B 3 4 5 7	ITEM DESCRIPTION PIZZA PREP REFRIGERATOR PIZZA PREP REFRIGERATOR 36" RANGE, 6 OPEN BURNERS	VOLTAGE 120V	DEVICE	CIRCUIT	CONDUIT & CONDUCTORS	MOUNTING	REM
1B 2A 2B 3 4 5	PIZZA PREP REFRIGERATOR	120V					
2A 2B 3 4 5			5-20R	KP1-1	2#12, 1#12EG, .75"C	24" AFF	
2B 3 4 5	36" RANGE, 6 OPEN BURNERS	120V	5-20R	KP1-3	2#12, 1#12EG, .75"C	24" AFF	
3 4 5		120V					
4	36" RANGE, 6 OPEN BURNERS	120V					
5	COUNTERTOP GAS GRIDDLE	120V			CENTER ALL DEVICES WIR	ING AND OVERCURRENT PROTECTION	
	WORKTOP COOK STAND REFRIGERATOR	120V			ISTALLED BY KITCHEN EQUI		
7	GAS FRYER, BATTERY	120V					
	ELECTRIC CONVECTION OVEN						
10A	UNDERCOUNTER REFRIGERATOR	120V	5-20R	KP1-5	2#12, 1#12EG, .75"C	24" AFF	
10B	UNDERCOUNTER REFRIGERATOR	120V	5-20R	KP1-7	2#12, 1#12EG, .75"C	24" AFF	
12	RAPID COOK OVEN	208V / 1PH	L6-20R	KP1-9,11	2#12, 1#12EG, .75"C	42" AFF	
13	CHEF SUITE	208V / 1PH	DIRECT	MDP-13	REFER TO ONE-LINE DIAGRAM	VERIFY	CONNECTION TO J
15	DISH MACHINE	120V	5-20R	KP1-27	2#12, 1#12EG, .75"C	VERIFY	
20	REACH-IN REFRIGERATOR	120V	5-20R	KP1-13	2#12, 1#12EG, .75"C	24" AFF	
21	REFRIGERATED WORK TOP	120V	5-20R	KP1-15	2#12, 1#12EG, .75"C	24" AFF	
24	BEVERAGE COUNTER	120V	5-20R	KP1-17	2#12, 1#12EG, .75"C	42" AFF	BRANCH TO 5 BACKSPLASH; VE
25	ICE MAKER, CUBE-STYLE	120V	5-20R	KP1-19	2#12, 1#12EG, .75"C	60" AFF	KITCHEN
26	ICE MAKER, NUGGET	120V	5-20R	KP1-21	2#12, 1#12EG, .75"C	60" AFF	
27A	COFFEE / TEA BREWER	120V	5-20R	KP1-23	2#12, 1#12EG, .75"C	42" AFF	
27B	COFFEE / TEA BREWER	120V	5-20R	KP1-25	2#12, 1#12EG, .75"C	42"AFF	
28.1	UNDERCOUNTER CARBONATION	120V	5-20R	KP1-6	2#12, 1#12EG, .75"C	24" AFF	
	CHILLER SYSTEM	120V	5-20R	KP1-2	2#12, 1#12EG, .75"C	VERIFY	VERIFY ROUGI
30	CARBONATOR	120V	5-20R	KP1-4	2#12, 1#12EG, .75°C	VERIFY	LOCATION WITH (
30	CARDONATON	1200	<u>5-201</u>	NT 1-4			LOCATION WITH (
B5	GLASSWASHER, UNDERCOUNTER	120V	DIRECT	KP1-8	2#12, 1#12EG, .75"C	18" AFF	
B7	REFRIG. BACK BAR CABINET	120V	5-20R	KP1-10	2#12, 1#12EG, .75"C	24" AFF	
B8	REFRIG. BACK BAR CABINET	120V	5-20R	KP1-12	2#12, 1#12EG, .75"C	24" AFF	
	ESPRESSO / CAPPUCCINO MACHINE	208V / 1PH	6-20R	KP1-14,16	2#12, 1#12EG, .75"C	46" AFF	
B10	COFFEE GRINDER	120V		KP1-18	2#12, 1#12EG, .75"C	46" AFF	
B11	FREEZER MUG FROSTER	120V	5-20R	KP1-20	2#12, 1#12EG, .75"C	24" AFF	
C5	GLASSWASHER, UNDERCOUNTER	120V	DIRECT	2PP1-2	2#12, 1#12EG, .75"C	18" AFF	
C7	REFRIG. BACK BAR CABINET	120V	5-20R	2PP1-4	2#12, 1#12EG, .75"C		
C8	REFRIG. BACK BAR CABINET	120V	5-20R	2PP1-6	2#12, 1#12EG, .75"C	24" AFF	
	ESPRESSO / CAPPUCCINO MACHINE	208V / 1PH	6-20R	2PP1-8,10	2#12, 1#12EG, .75"C	48" AFF	
C10	COFFEE GRINDER	120V		2PP1-12	2#12, 1#12EG, .75"C	48" AFF	
C11	FREEZER MUG FROSTER	120V	5-20R	2PP1-14	2#12, 1#12EG, .75"C	24" AFF	
		.201					
	WALK-IN COOLER LIGHTS & DOOR	4001/	DIDEOT	DD4 oo			FIXTURES BY KI
E1	HEATER	120V	DIRECT	PP1-26	2#12, 1#12EG, .75"C		INSTALLED BY EL
E2	WALK-IN COOLER UNIT COOLER	208V / 1PH	DIRECT	PP1-18,20	2#12, 1#12EG, .75"C	VERIFY CONNECTION/DISCONNECT LOCATION	PROVIDE AND INS 240V
E3	WALK-IN FREEZER LIGHTS & DOOR HEATER	120V	DIRECT	PP1-26	2#12, 1#12EG, .75"C	VERIFY CONNECTION LOCATION	FIXTURES BY KI INSTALLED BY EI LAMPS BY ELE
E4	WALK-IN FREEZER UNIT COOLER	208V / 1PH	DIRECT	PP1-22,24	2#10, 1#10EG, .75"C	VERIFY CONNECTION/DISCONNECT LOCATION	PROVIDE AND INS 240V
CV1	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-29	2#12, 1#12EG, .75"C	18" AFF	
CV2	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-29	2#12, 1#12EG, .75"C	18" AFF	
CV3	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-29	2#12, 1#12EG, .75"C	18" AFF	
CV4	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-31	2#12, 1#12EG, .75"C	18" AFF	
CV5	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-31	2#12, 1#12EG, .75"C	18" AFF	
CV6	CONVENIENCE OUTLET	120V	5-20R / GFI	KP1-31	2#12, 1#12EG, .75"C	18" AFF	

	LEVEL 1 MECHANICAL CIRCUIT SCHEDULE									
ITEM	VOLTAGE	CIRCUIT	WIRE/CONDUIT							
EUH-1	120V	PP1-41	(2#12, 1#12EG, .75"C)							
WH-1	208/3	MDP-10	SEE ONE-LINE DIA							
AIR COMPRESSOR	208/3	PP1-38,40,42	(3#12, 1#12EG, .75"C)							

SCHEDULE NOTES: 1. DISCONNECT SAFETY SWITCHES: HD = HEAVY DUTY, NF = NON-FUSED, 3R = NEMA 3R ENCLOSURE 2. VERIFY REQUIREMENT FOR NEUTRAL CONDUCTORS PRIOR TO INSTALLATION. 3. PROVIDE MULTI-CONDUCTOR INTERCONNECTION CABLE BETWEEN INDOOR AND OUTDOOR UNIT I INSTRUCTION. CONDUCTORS SHALL NOT BE SMALLER THAN #12AWG.



MARKS
J-BOX / LOAD CENTER
5-20R OUTLET IN /ERIFY LOCATION W/ N INSTALLER
GH-IN HEIGHT AND I OWNER/ARCHITECT
GH-IN HEIGHT AND I OWNER/ARCHITECT
KITCHEN SUPPLIER;
KITCHEN SUPPLIER; ELEC CONTRACTOR; .EC CONTRACTOR STALL NEMA 3R DISC.
V/30A/2P KITCHEN SUPPLIER; ELEC CONTRACTOR;
EC CONTRACTOR STALL NEMA 3R DISC. V/30A/2P
DISC.
GRAM NF 240V/30A/3P
E PER MANUFACTURER
0F A (/>///
BATSON INC.
HC No. 99
ANSAS ENGINE

## POLK STANLEY WILCOX

801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com

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INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961

PSW Job Number: 1001B

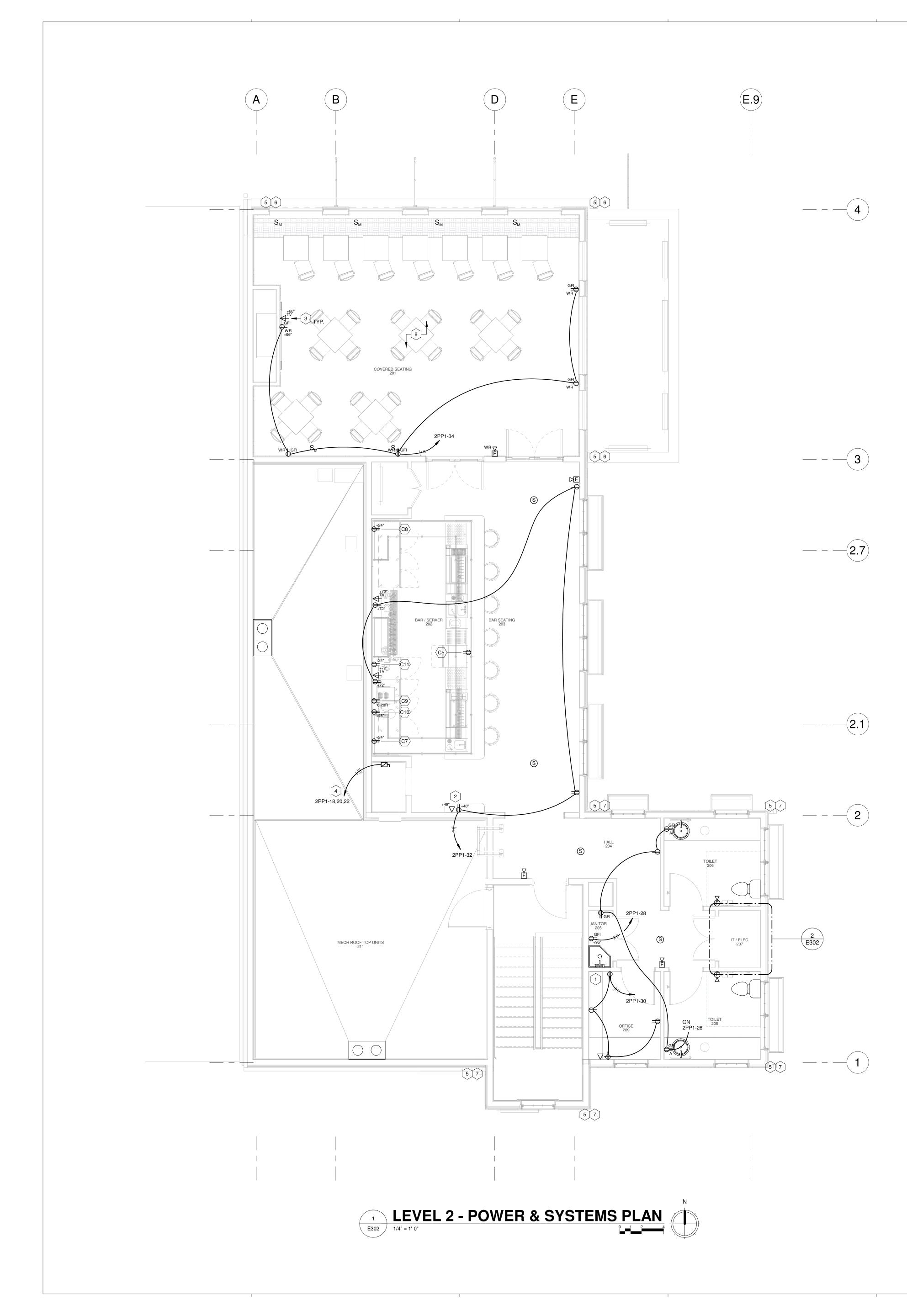
BID DOCUMENTS

ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25

REVISIONS NUMBER DATE DESCRIPTION

Contents: FIRST FLOOR POWER & SYSTEMS PLAN



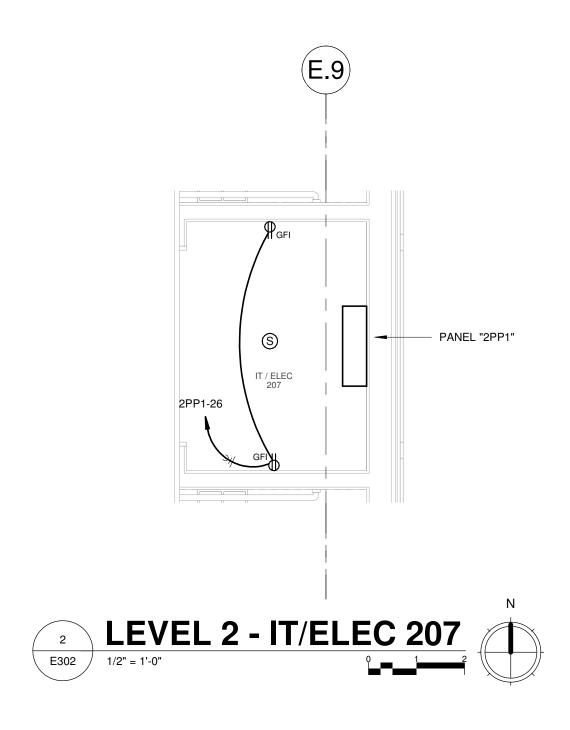


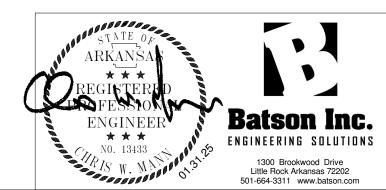
### **GENERAL ELECTRICAL NOTES**

- 1. HOMERUN ALL TELEPHONE/DATA/TV CONDUITS BACK TO OFFICE 209 WHERE STUB-UPS OCCUR OVER HARD CEILING AREAS.
- 2. ALL WIRING DEVICES INSTALLED IN BASEBOARDS SHALL BE INSTALLED IN SINGLE-GANG BACKBOXES AND MOUNTED HORIZONTALLY. VERIFY EXACT MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO BEGINNING ROUGH-INS.
- 3. COORDINATE ALL WIRING DEVICE EXACT LOCATIONS AND ROUGH-IN HEIGHTS WITH ARCHITECT PRIOR TO BEGINNING WORK.
- REFER TO KITCHEN EQUIPMENT ELECTRICAL SCHEDULE ON SHEET E301 FOR CIRCUIT REQUIREMENTS.

### KEYED ELECTRICAL NOTES

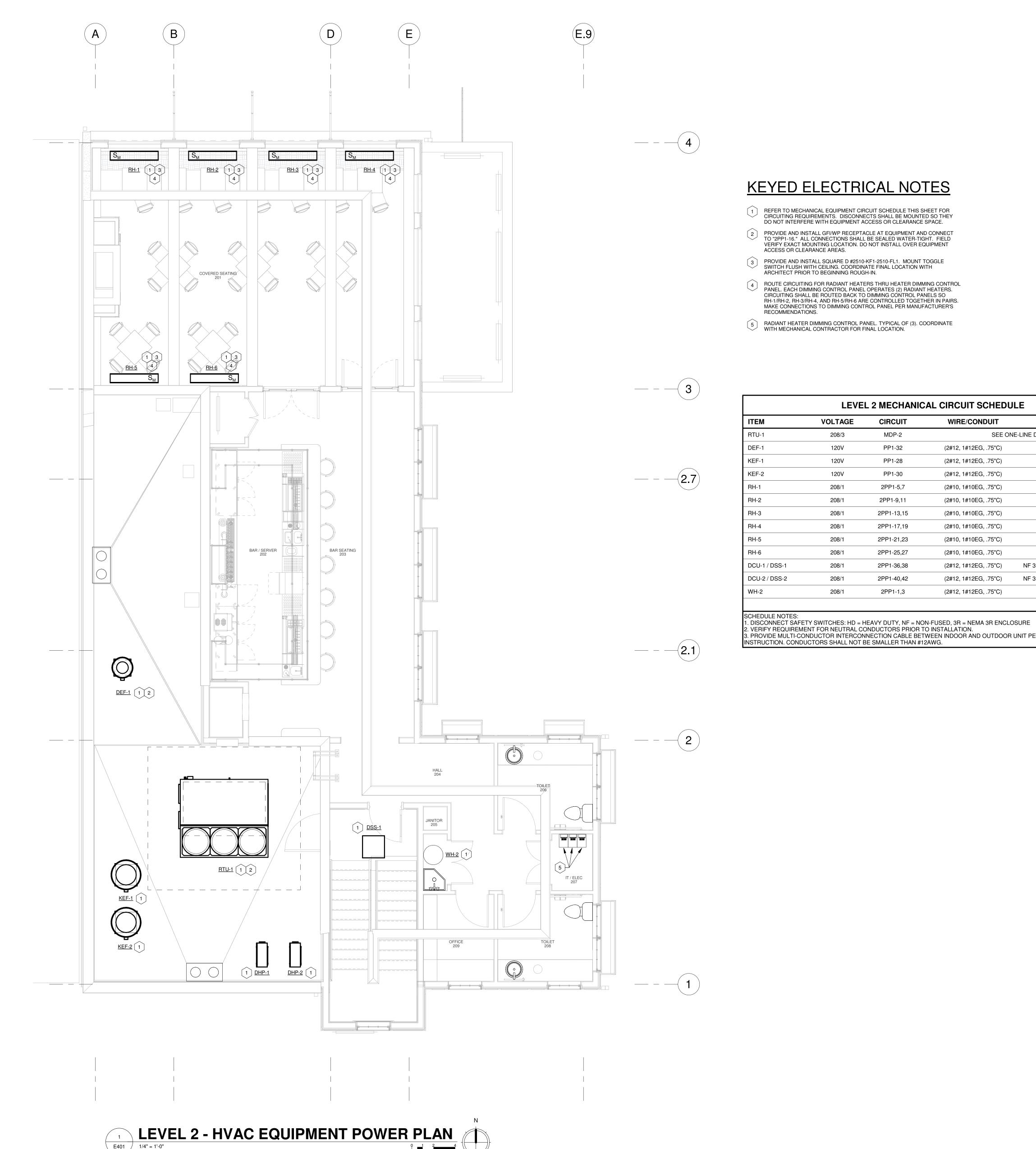
- 1 PROVIDE AND INSTALL (1) 4"C SLEEVE THRU FLOOR INTO STORAGE 111 FOR COMMUNICATIONS CABLING. EXTEND SLEEVE UP TO 7'-6" ABOVE FINISH FLOOR. INSTALL INSULATED THROAT CONNECTORS ON BOTH ENDS OF
- CONDUIT. 2 POWER AND DATA FOR POINT-OF-SALE (POS) MACHINE. VERIFY MOUNTING HEIGHT OF WIRING DEVICES PRIOR TO BEGINNING ROUGH-IN. CONNECT TO
- CIRCUIT AS INDICATED. 3 STUB UP 1.25"C FROM TELEVISION COMMUNICATIONS BACKBOX TO ABOVE ACCESSIBLE CEILING OR HOMERUN BACK TO OFFICE 209. TYPICAL ALL
- TELEVISION LOCATIONS. 4 PROVIDE AND INSTALL NEMA 1 HEAVY-DUTY FUSIBLE DISCONNECT RATED 240V/30A/3P FOR DUMBWAITER. INSTALL W/ 20A DUAL ELEMENT TIME DELAY FUSES. COORDINATE WITH DUMBWAITER INSTALLER FOR EXACT MOUNTING LOCATION DISCONNECT. INSURE ELECTRICAL INSTALLATION MEETS THE REQUIREMENTS OF THE AHJ.
- 5 PROVIDE AND INSTALL GFI/WP DUPLEX OUTLET IN SOFFIT FOR FUTURE CHRISTMAS LIGHTS. CHRISTMAS LIGHTS.
- [6] CIRCUIT RECEPTACLE TO "PP1-34". ROUTE THRU SWITCH IN IT/ELEC 109.
- CIRCUIT RECEPTACLE TO "PP1-36". ROUTE THRU SWITCH IN IT/ELEC 109.
- 8 ALL OUTLETS THIS ROOM SHALL BE PROVIDED WITH FLIP-COVER TYPE COVER PLATES. VERIFY FINISH WITH ARCHITECT.

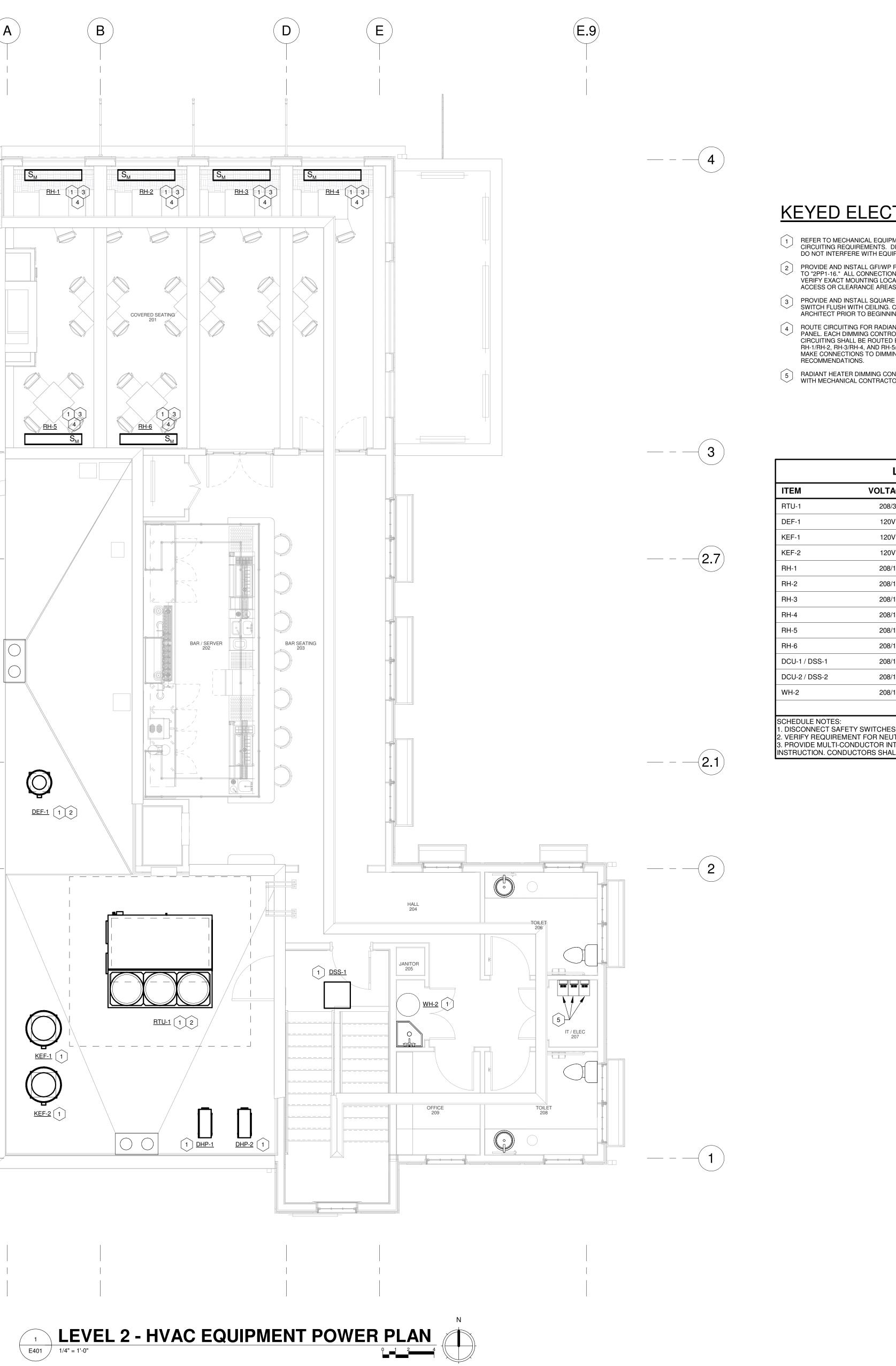




POLK **STANLEY** WILCOX 801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com MEP ENGINEERING Batson Inc 1300 Brookwood Dr Little Rock, AR 72202 PH: 501.664.3311 STRUCTURAL ENGINEERING Engineering Consultants, Inc 401 W Capitol Ave, Suite 305 Little Rock, AR 72201 PH: 501.376.3752 CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272 INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961 PSW Job Number: 1001B BID DOCUMENTS ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25 REVISIONS NUMBER DATE DESCRIPTION Contents: SECOND FLOOR POWER & SYSTEMS PLAN E302







1 REFER TO MECHANICAL EQUIPMENT CIRCUIT SCHEDULE THIS SHEET FOR CIRCUITING REQUIREMENTS. DISCONNECTS SHALL BE MOUNTED SO THEY DO NOT INTERFERE WITH EQUIPMENT ACCESS OR CLEARANCE SPACE.

SWITCH FLUSH WITH CEILING. COORDINATE FINAL LOCATION WITH

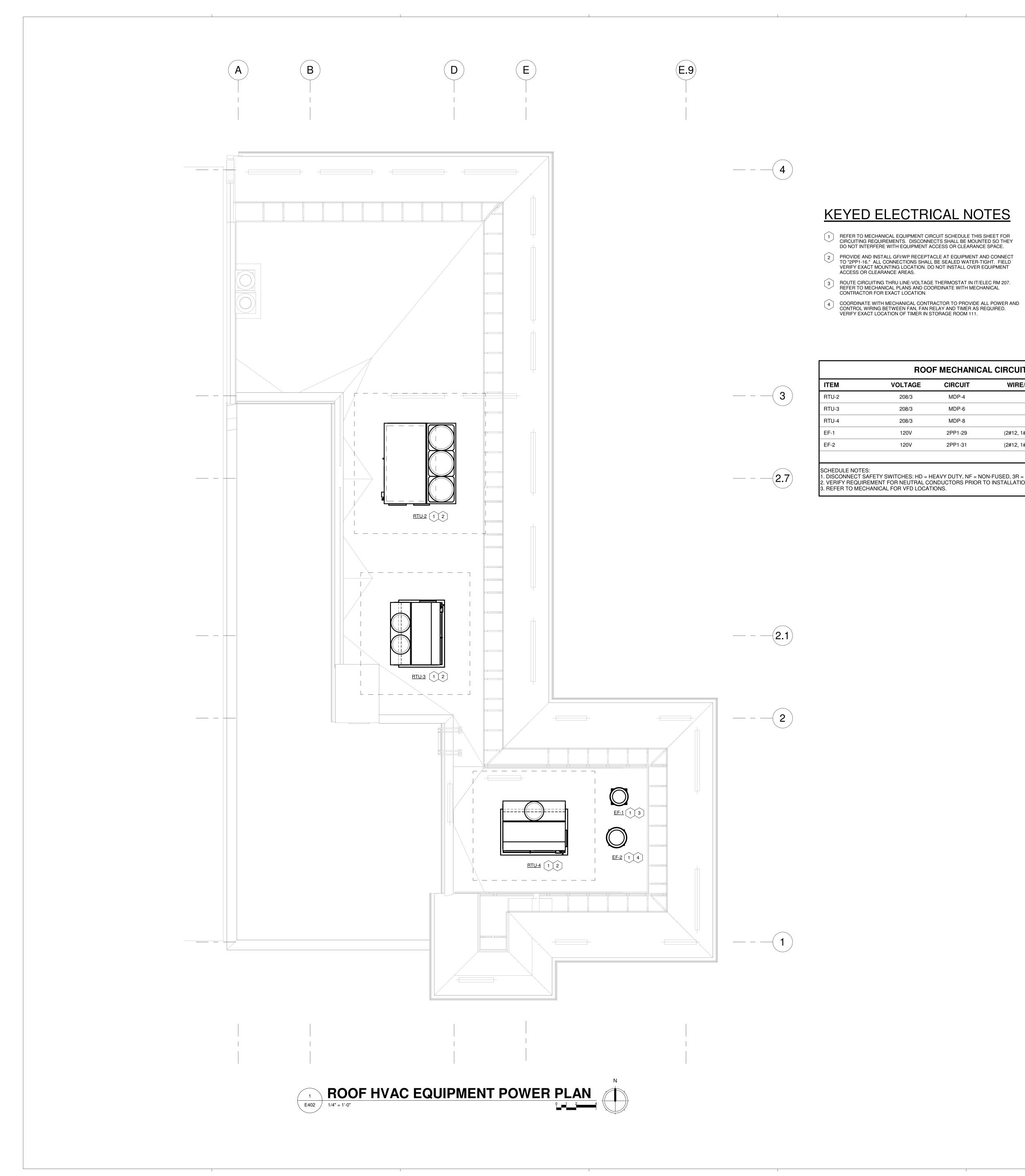
MAKE CONNECTIONS TO DIMMING CONTROL PANEL PER MANUFACTURER'S RECOMMENDATIONS.

LEVEL 2 MECHANICAL CIRCUIT SCHEDULE CIRCUIT WIRE/CONDUIT DISC. SEE ONE-LINE DIAGRAM MDP-2 PP1-32 NEMA 3R TOGGLE (2#12, 1#12EG, .75"C) NEMA 3R TOGGLE PP1-28 (2#12, 1#12EG, .75"C) PP1-30 (2#12, 1#12EG, .75"C) NEMA 3R TOGGLE 2PP1-5,7 (2#10, 1#10EG, .75"C) 240V/30A/2P TOGGLE 2PP1-9,11 (2#10, 1#10EG, .75"C) 240V/30A/2P TOGGLE 2PP1-13,15 (2#10, 1#10EG, .75"C) 240V/30A/2P TOGGLE 240V/30A/2P TOGGLE 2PP1-17,19 (2#10, 1#10EG, .75"C) 2PP1-21,23 (2#10, 1#10EG, .75"C) 240V/30A/2P TOGGLE 2PP1-25,27 (2#10, 1#10EG, .75"C) 240V/30A/2P TOGGLE 2PP1-36,38 (2#12, 1#12EG, .75"C) NF 3R 240V/30A/2P (SEE NOTE #3) NF 3R 240V/30A/2P (SEE NOTE #3) (2#12, 1#12EG, .75"C) 2PP1-40,42 2PP1-1,3 (2#12, 1#12EG, .75"C) NF 240V/30A/2P

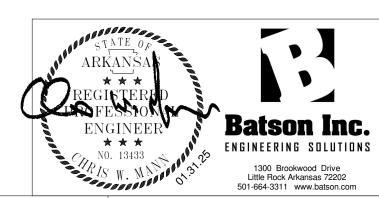
3. PROVIDE MULTI-CONDUCTOR INTERCONNECTION CABLE BETWEEN INDOOR AND OUTDOOR UNIT PER MANUFACTURER



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UIT	WIRE/CONDUIT	DISC.						
P-4	SEE ONE-L	INE DIAGRAM						
P-6 SEE ONE-LINE DIAGRAM								
p-8	SEE ONE-L	INE DIAGRAM						
-29	(2#12, 1#12EG, .75"C)	NEMA 3R TOGGLE						
-31	(2#12, 1#12EG, .75"C)	NEMA 3R TOGGLE						
	N-FUSED, 3R = NEMA 3R ENCLOSU O INSTALLATION.	RE						



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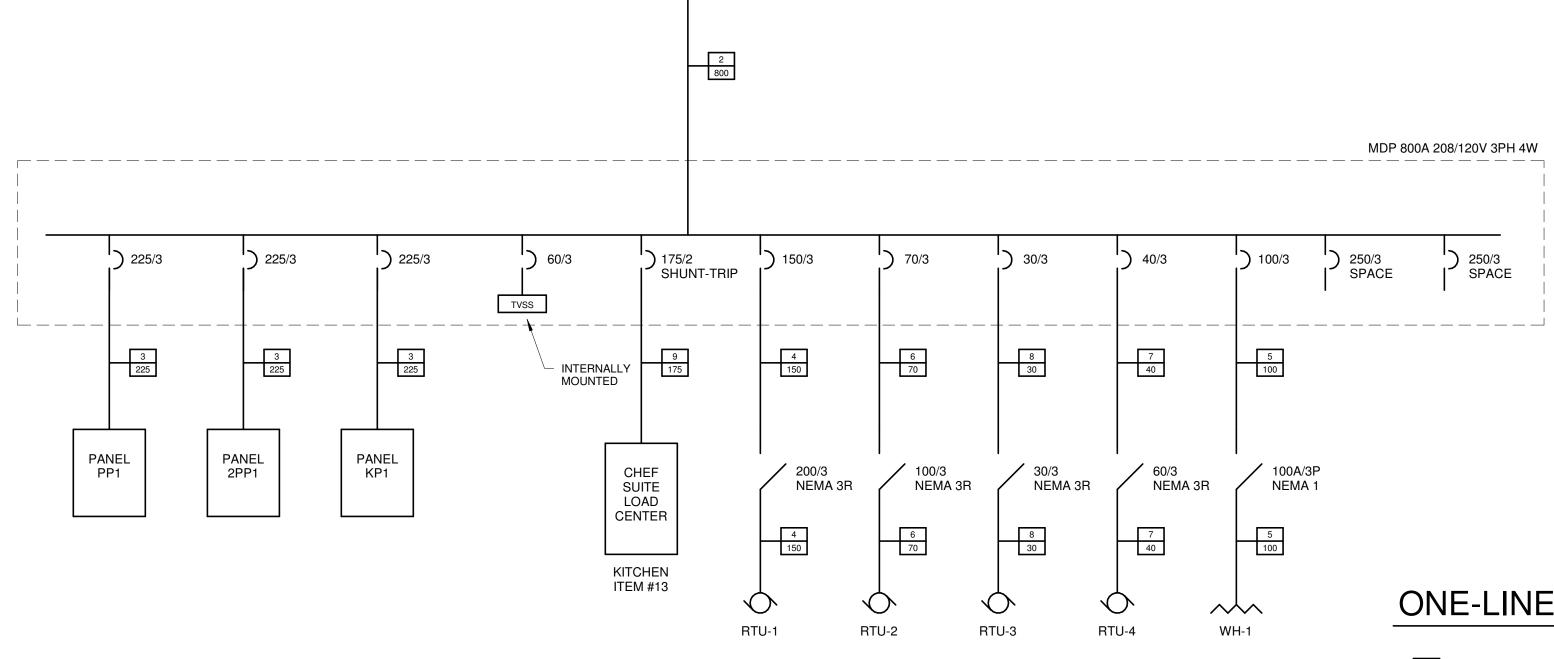


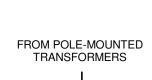
- 6. SUBMIT PANEL NAMEPLATE SCHEDULE WITH SHOP DRAWINGS FOR APPROVAL.
- 5. NAMEPLATE SHALL INCLUDE PANEL OR EQUIPMENT DESIGNATION, AMPERAGE, VOLTAGE, PHASE AND WIRE DESIGNATION (E.G. 3W OR 4W).
- 4. NAMEPLATES SHALL BE BLACK IN COLOR WITH WHITE LETTERING. LETTERS SHALL BE 1/4".
- 3. NAMEPLATE SIZE SHALL BE 1 1/2" X 4" WITH BEVELED EDGES.
- 2. NAMEPLATES SHALL BE OF THE LAMINATED BAKELITE TYPE AND SECURELY FASTENED TO EQUIPMENT.

STARTERS.

ENGRAVED NAMEPLATE NOTES: 1. NAMEPLATES SHALL BE INSTALLED ON ALL ELECTRICAL EQUIPMENT, PANELBOARDS, TRANSFORMERS, SAFETY SWITCHES AND

**ELECTRICAL ONE-LINE DIAGRAM** 1 E501 NTS





rebar 🕆 🕆

WATER PIPE

BLDG STEEL

— G —

1 800

----

800/3

			ΡΑ	NELE	BOAR	D SC	HEDI	JLE			
Panel Name:	Volts:		Mains: Fed From:					MA	MAIN DISC.		
MDP	120/208			800A		Mounting:		Feeder:			
TYPE: SQUARE D "HCP"	phase:		wire: <b>4</b>	lugs <b>X</b>	breaker	surface X	flush			bottom X	
			•	BR	ANCH E	BREAKE	ERS	-			
ITEM		СКТ	L	.OAD (KV	A)	L	OAD(KV	(A) C	CKT NO.	CKT BKR	
	BKR	NO.	Α	B			В				
PANEL "PP1"	225/3		5.87			12.97				150/3	
		1		8.03			12.97		2		
PANEL "2PP1"	225/3				10.14			12.97		70/3	
FANEL ZFFI	220/3		18.12	-		6.15				70/3	
		3		16.54			6.15		4		
PANEL "KP1"	225/3		0.00		14.20	0.57		6.15		30/3	
		5	8.80	9.13		2.57	2.57		6		
				9.15	7.22		2.57	2.57			
TVSS INTERNALLY MOUNTED (SQUARE D #HL2IMA24C)	-					3.47			.47 10	40/3	
#TL21101A240)		7					3.47				
								3.47		100/3	
						8.00				100/3	
		9					8.00				
								8.00		250/3	
		11							8 10 12		
KITCHEN CHEF SUITE	175/2									250/3	
		13		14.22					14		
SHUNT-TRIP TYPE BREAKER					14.22						
PROVIDE PANELBOARD WITH 4-PIECE			32.79	47.92	45.78	33.16	33.16	33.16			
TRIM W/ DOOR.			65.95	81.08	78.94	TOTALS	6				
				225.97		TOTAL	CONN. L	OAD KVA	۱.		

EXTERIOR MAIN SERVICE DISCONNECT (ENCLOSED CKT BREAKER) NEMA 3R ENCL. (SE RATED)

#### ONE-LINE FEEDER SCHEDULE

1 2 SETS (4#500 kcmil, 4"C) + (2) SPARE 4"C

2 SETS (4#500 kcmil, 1#1/0GR, 4"C)

3 225 (4#4/0, 1#4GR, 2.5"C)

- 4 150 (3#1/0, 1#6GR, 1.5"C)
- 5 100 (3#3, 1#6GR, 1.5"C)
- 6 70 (3#4, 1#8GR, 1.5"C)
- 7 40 (3#8, 1#10GR, 1"C)
- 8 30 (3#10, 1#10GR, 1"C)
- 9 175 (3#2/0, 1#6GR, 2"C)

#### PANEL A 225A, 120/208V, 3PH, 4W FED FROM PANEL MDP TYPICAL PANEL NAMEPLATE

AHU-1 200A, 208V 3-PHASE FED FROM PANEL MDP

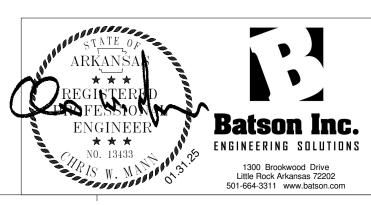
TYPICAL EQUIPMENT NAMEPLATE

_	
	Interrupting Rating:
	22kAIC
	COPPER BUS
	GROUND BAR
	ITEM
;	RTU-1
	BTU-2
	110-2
	RTU-3
	RTU-4
	WH-1
•	
;	SPACE W/ BUSSING
;	SPACE W/ BUSSING
	PROVIDE PANEL WITH 63" CIRCUIT
	BREAKER MOUNTING SPACE.

Panel Name:		Volts:		00			Fed From:		MDP				
	PP1	120/2		80			Mounting:		Feede	er:			
TYPE:	SQUARE D "NQ"	phase:		wire: 4	lugs X	breaker	surface X	flush	top	bottom			
	SQUARE DING		)	4		i Anch e		BS			^		
		СКТ	СКТ	1	.OAD (KV			.OAD(KV	Δ)	СКТ	СКТ		
	ITEM	BKR	NO.	A	B	C	A	B	с, С	NO.	BKR		ITEN
IGHTS	ENTRY & DINING CANS, OUTDR FAN	20/1	1	0.25			1.00			2		FIRE ALARN	M CONTROL PA
IGHTS	ENTRY, DINING, BAR SCONCES/DEC	20/1	3		1.20			1.00		4	20/1	RECPTS	ELEC RM, TL
IGHTS	BAR, HALL, RESTRMS, STORAGE	20/1	5			0.60			0.40	6	20/1	TELEPHON	E TERMINAL BO
IGHTS	KITCHEN	20/1	7	0.44			1.00			8	20/1	RECPTS	TLT, STORAC
IGHTS	STAIRWELL, RISER ROOM	20/1	9		0.25			1.00		10	20/1	RECPTS	BAR STANDI
IGHTS	EXTERIOR DECORATIVE SCONCES	20/1	11			1.00			1.00	12	20/1	RECPTS	ENTRY, MAIN
IGHTS	EXTERIOR WALL PACK & SIGN	20/1	13	0.10			0.40			14	20/1	RECPTS	OUTDOOR P
IGHTING	CONTACTOR "LC-1"	20/1	15		0.05			0.20		16	20/1	НОТ ВОХ	
SPARE		20/1	17			0.00			0.91	18	20/2	WALK-IN CO	DOLER UNIT CO
SPARE		20/1	19	0.00			0.91			20			
SPARE		20/1	21		0.00			1.80		22	25/2	WALK-IN FF	REEZER UNIT CO
SPARE		20/1	23			0.00			1.80	24			
SPARE		20/1	25	0.00			1.00			26	20/1	WALK-IN CO	OOLER / FREEZ
SPARE		20/1	27		0.00	_		1.39		28	20/1	KEF-1	
SPARE		20/1	29			0.00			1.39	30	20/1	KEF-2	
SPARE		20/1	31	0.00			0.23			32	20/1	DEF-1	
SPARE		20/1	33		0.00			0.60		34	20/1	RECPTS	SOFFIT CHRI
SPARE		20/1	35			0.00			1.00	36	20/1	RECPTS	SOFFIT CHRI
SPARE		20/1	37	0.00			0.54			38	20/3	AIR COMPR	RESSOR
SPARE		20/1	39		0.00			0.54		40	_		
EUH-1		20/1	41			1.50			0.54	42			
				0.79	1.50	3.10	5.08	6.53	7.04				
				5.87	8.03	10.14	TOTALS	6					
					24.04			CONN. I	OAD KVA	•			
					v T								

Panel Name:	Volts: <b>120/208</b>			Mains: <b>225A</b>		Fed Fr	om:	MDP			
KP1						Mounting:		Feeder:			
TYPE:	phase:		wire:	lugs	breaker	surface	flush	top	bo	ttom	
SQUARE D "NQ"	3		4	X			X	X	X		
				BR	ANCH E	BREAKE	RS	1			
	СКТ	СКТ	L	OAD (KV	A)	L	OAD(KV	A)	СКТ	СКТ	
ITEM	BKR	NO.	Α	B	C	Α	В	C	NO.	BKR	ITEM
PIZZA PREP REFRIGERATOR	20/1	1	0.54			0.72			2	20/1	SODA ICE & BEVERAGE DISF
PIZZA PREP REFRIGERATOR	20/1	3		0.54			0.84		4	20/1	CARBONATOR FOR SODA DI
UNDERCOUNTER REFRIGERATOR	20/1	5			0.24			0.38	6	20/1	UNDERCNTR CARBONATION
UNDERCOUNTER REFRIGERATOR	20/1	7	0.24			1.44			8	20/1	GLASSWASHER, UNDERCOL
RAPID COOK OVEN	20/2	9		1.66			0.26		10	20/1	REFRIGERATED BACK BAR (
		11			1.66			0.26	12	20/1	REFRIGERATED BACK BAR (
REACH-IN REFRIGERATOR	20/1	13	0.65			1.25			14	20/2	ESPRESSO / CAPPUCCINO N
REFRIGERATED WORK TOP	20/1	15		0.26			1.25		16		
BEVERAGE COUNTER	20/1	17			1.80			0.60	18	20/1	COFFEE GRINDER
ICE MAKER, CUBE-STYLE	20/1	19	1.38			0.30			20	20/1	FREEZER MUG FROSTER
ICE MAKER, NUGGET	20/1	21		1.82			1.00		22	20/1	HOOD CONTROL PANEL
COFFEE / TEA BREWER	20/1	23			1.68				24		SPACE W/ BUSSING
COFFEE / TEA BREWER	20/1	25	1.68						26		SPACE W/ BUSSING
DISH MACHINE	20/1	27		1.50					28		SPACE W/ BUSSING
RECPTS KITCHEN CONVENIENCE	20/1	29			0.60				30		SPACE W/ BUSSING
RECPTS KITCHEN CONVENIENCE	20/1	31	0.60						32		SPACE W/ BUSSING
SPARE	20/1	33		0.00					34		SPACE W/ BUSSING
SPARE	20/1	35			0.00				36		SPACE W/ BUSSING
SPARE	20/1	37	0.00						38		SPACE W/ BUSSING
SPARE	20/1	39		0.00					40		SPACE W/ BUSSING
SPARE	20/1	41			0.00				42		SPACE W/ BUSSING
PROVIDE GFCI-TYPE BREAKERS FOR			5.09	5.78	5.98	3.71	3.35	1.24			PROVIDE PANEL WITH
THE FOLLOWING CKTS: #1 THRU #27, # 2 THRU #20.			8.80	9.13	7.22	TOTALS					STEEL FRONT COVER.

				ΡΑ	NELB	OAR	D SC	HEDI	JLE			
Panel Name:			Volts:			Mains:		Fed From:				
	2PP1	120/2			225A		Mounting:		Feede	r:		
TYPE:		phase:		wire:	lugs	breaker	surface	flush	top	bo	ttom	
	SQUARE D "NQ"	3	3	4	X		X				X	
					BR	ANCH E	BREAK	ERS				
	ITEM	СКТ	СКТ	L	OAD (KV	A)	L	OAD(KV	A)	СКТ	СКТ	ITEM
		BKR	NO.	Α	В	С	Α	В	С	NO.	BKR	
WH-2 @ JA	NITOR 205	20/2	1	1.50			1.44			2	20/1	GLASSWASHER, UNDERCOU
			3		1.50			0.26		4	20/1	REFRIGERATED BACK BAR C
RH-1		30/2	5			2.25			0.26	6	20/1	REFRIGERATED BACK BAR C
			7	2.25			1.25			8	20/2	ESPRESSO / CAPPUCCINO M
RH-2		30/2	9		2.25			1.25		10		
<u>BUI 6</u>		00/0	11			2.25			0.60	12	20/1	COFFEE GRINDER
RH-3		30/2	13	2.25	-		0.30			14	20/1	FREEZER MUG FROSTER
		00/0	15		2.25			1.00		16	20/1	RECPTS LOW & HIGH RO
RH-4		30/2	17			2.25			1.08	18	20/3	DUMBWAITER
		00/0	19	2.25			1.08			20	_	
RH-5		30/2	21		2.25			1.08		22		
		00/0	23			2.25				24		SHUNT-TRIP TYPE BREAKER
RH-6		30/2	25	2.25			1.20			26	20/1	RECPTS ELEC RM, TLTS
			27		2.25			0.20		28	20/1	<b>RP-2 RECIRCULATION PUMP</b>
EF-1		20/1	29			0.36	_		1.00	30	20/1	RECPTS OFFICE 209
EF-2		20/1	31	0.70			1.00			32	20/1	RECPTS BAR SERVER T
LIGHTS	BAR, HALL, RESTRMS, OFFICE	20/1	33		0.60			1.00		34	20/1	RECPTS SEATING 201, S
LIGHTS	COV. DINING CANS, FANS, SCONCES	20/1	35			0.60	_		0.65	36	20/2	DHP-1 / DSS-1
SPARE		20/1	37	0.00			0.65	_		38	00/0	
SPARE		20/1	39		0.00			0.65		40	20/2	DHP-2 / DSS-2
SPARE		20/1	41			0.00			0.65	42		
-	HANDLE PADLOCK MENT SQUARE D #QO2PAF			11.20	11.10	9.96	6.92	5.44	4.24			
	FOLLOWING CKTS: #36/38, #			18.12	16.54	14.20	TOTALS	6				
40/42					48.86		TOTAL	CONN. L	OAD KVA	A		



Interrupting Rating:	
22kAIC COPPER BUS	
GROUND BAR	
M	
NEL LT, HALL, POS	
OARD IGE, RISER RM	
ing, main dining N dining	
PATIO @ COLUMNS	
OOLER	
COOLER	
ZER LIGHTS & HEATERS	
RISTMAS LIGHTS	
Interrupting Rating:	
22kAIC COPPER BUS	
GROUND BAR	
M	
ISPENSER DISPENSER	
ON CHILLER SYSTEM	
R CABINET	
R CABINET D MACHINE	
TH STAINLESS	
R.	
Interrupting Rating:	
22kAIC	
COPPER BUS GROUND BAR	
M	
OUNTER	
R CABINET R CABINET	
DMACHINE	
1 ROOF CONVENIENCE	
KER LTS, JAN, HALL	
MP IN JANITOR	
R TV's & SEATING, POS 1, SEATING TV	
WE OF AUX	
BATSON INC.	
No. 99	ATION
THE ANSAS ENGINEER	

# | POLK | STANLEY | WILCOX

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CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272

INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961

PSW Job Number: 1001B

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BID DOCUMENTS

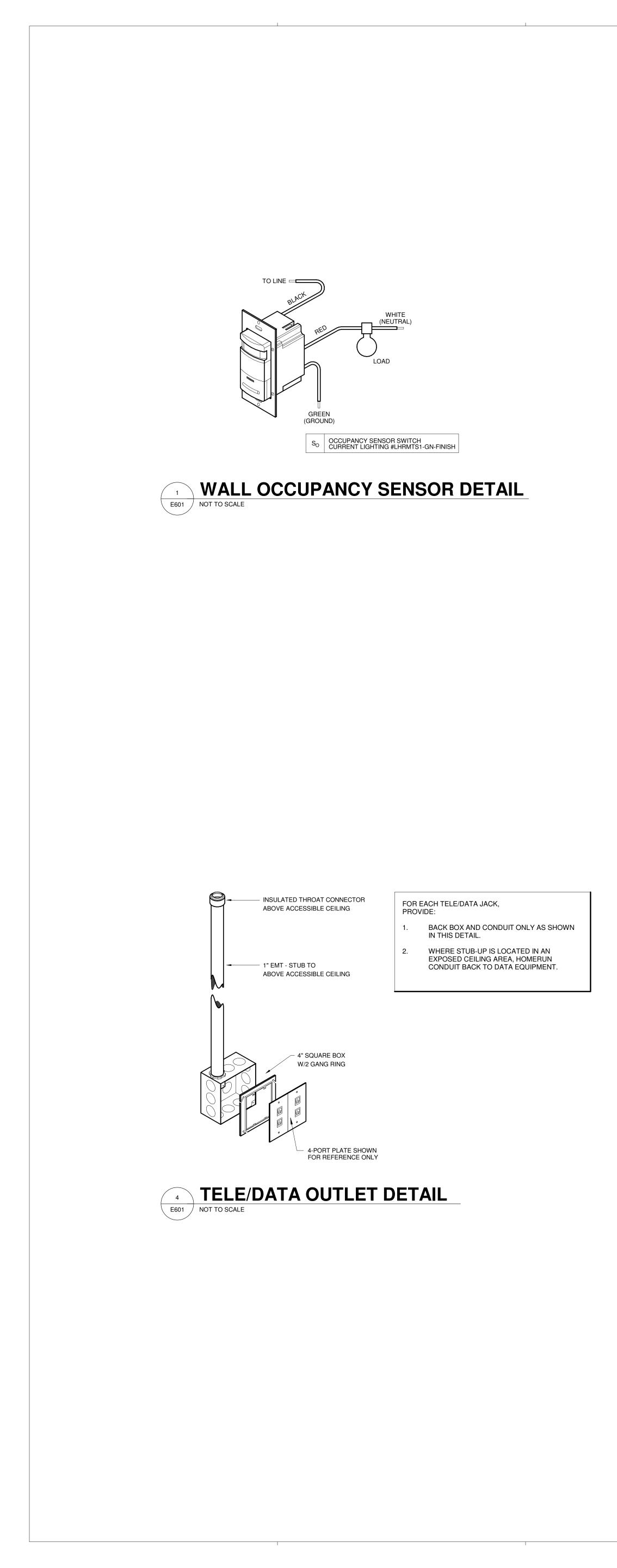
ENGLISH PUB Little Rock, Arkansas \_\_\_\_\_ Issue Date: 01.31.25

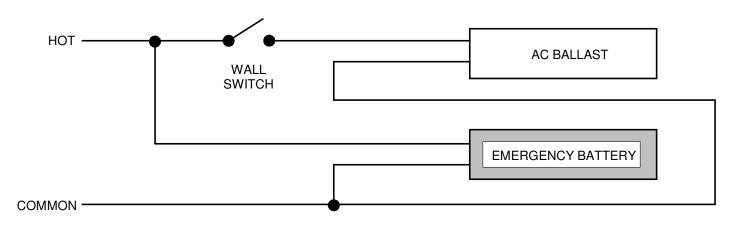
REVISIONS NUMBER DATE DESCRIPTION

Contents: ELECTRICAL ONE-LINE DIAGRAM & PANEL SCHEDULES

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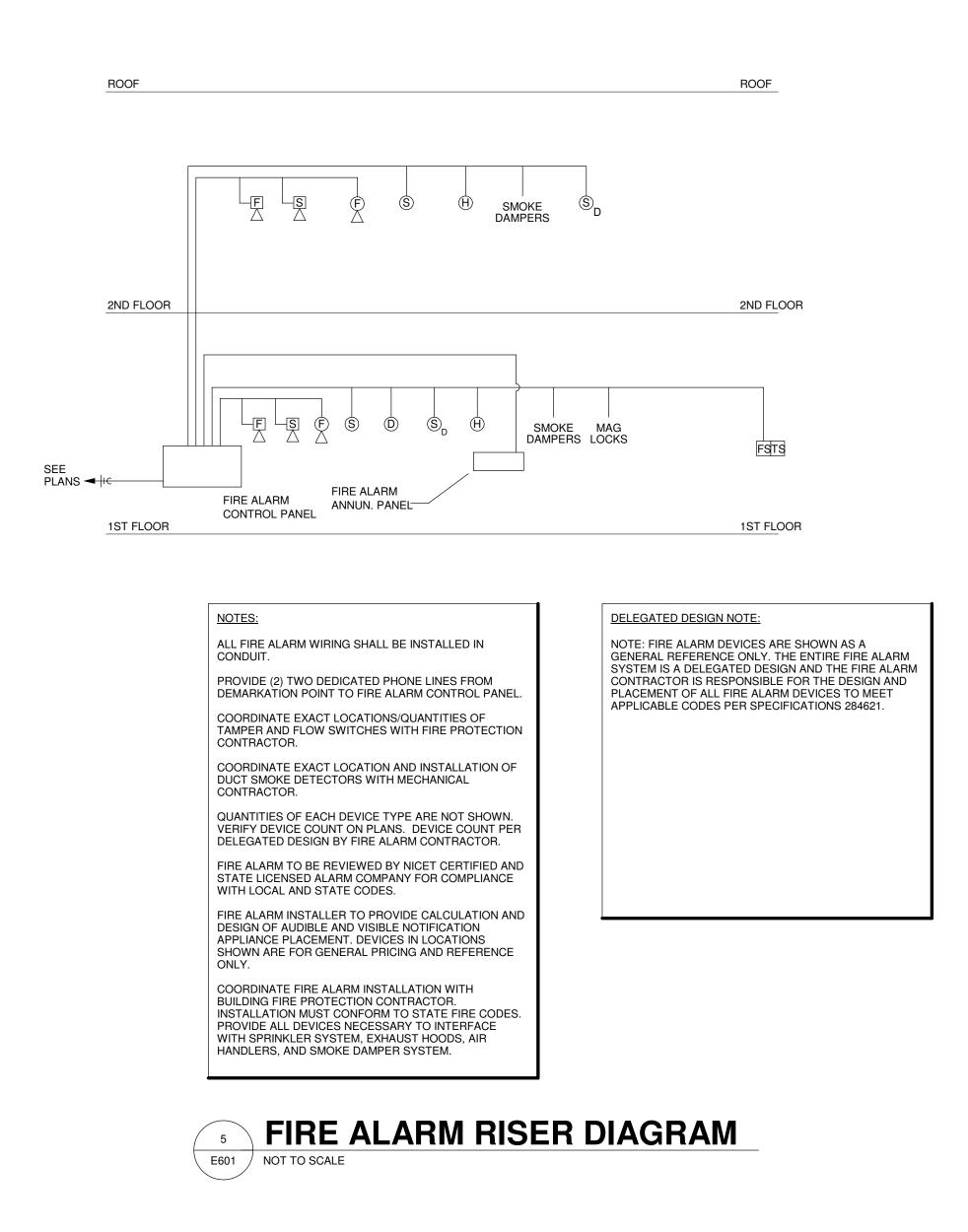


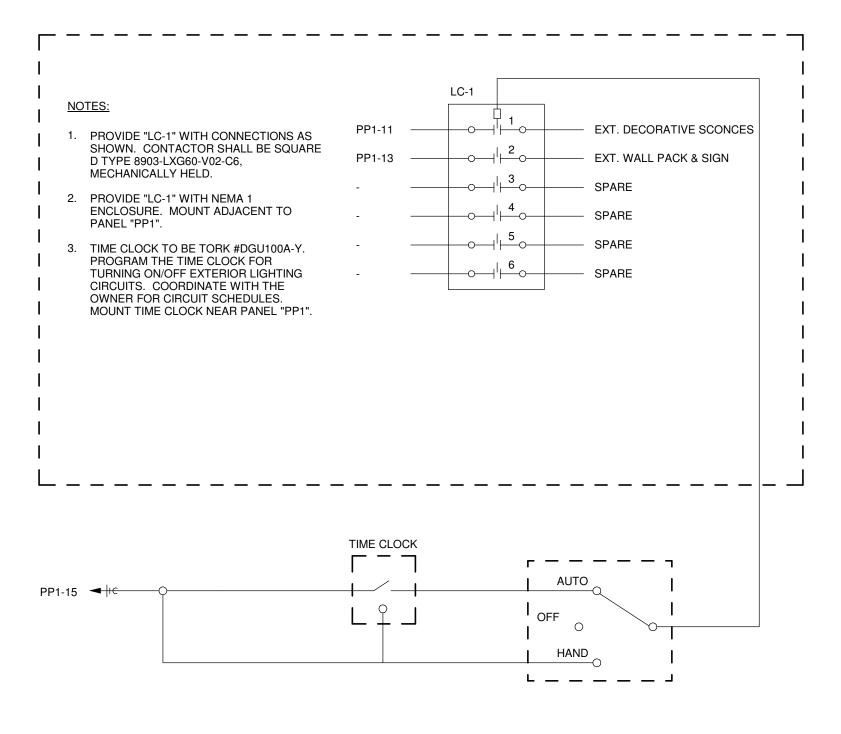




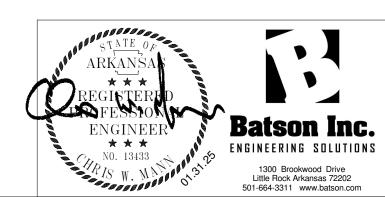
EXIT LIGHT AND EMERGENCY BATTERY NOTES: WIRE EXIT LIGHTS AND EMERGENCY BATTERIES WITH UN-SWITCHED LEAD FROM THE SAME BRANCH CIRCUIT AS THE CIRCUIT SHOWN FOR EACH FIXTURE.

#### 2 EMERGENCY BATTERY WIRING E601 NTS





#### 3 LIGHTING CONTROL DETAIL "LC-1" E601 NO SCALE



POLK **STANLEY** WILCOX 801 South Spring Street Little Rock, AR 72201 501.378.0878 office 509 W. Spring St. | Suite 150 Fayetteville, AR 72701 479.444.0473 office polkstanleywilcox.com MEP ENGINEERING Batson Inc 1300 Brookwood Dr Little Rock, AR 72202 PH: 501.664.3311 STRUCTURAL ENGINEERING Engineering Consultants, Inc 401 W Capitol Ave, Suite 305 Little Rock, AR 72201 PH: 501.376.3752 CIVIL ENGINEERING McClelland Consulting Engineers 7302 Kanis Rd Little Rock, AR 72204 PH: 501.371.0272 INTERIOR DESIGN Rebecca Callis 840 Cherokee Rd Charlotte, NC 28207 PH: 704.301.4961 \_\_\_\_\_ PSW Job Number: 1001B BID DOCUMENTS ENGLISH PUB Little Rock, Arkansas Issue Date: 01.31.25 REVISIONS NUMBER DATE DESCRIPTION \_\_\_\_\_ \_\_\_\_\_ Contents: ELECTRICAL DETAILS E601

