



BRINKLEY PUBLIC SCHOOLS BRINKLEY HIGH SCHOOL

200 TIGER DRIVE, BRINKLEY, AR 72021

WDD PROJECT: 23-069

PACKAGE NO. 2 - SITE, BUILDING & SITE CONCRETE, STEEL, PEMB

DPSAFT PROJECT 2324-4801-001

NOVEMBER 29, 2024

WDD ARCHITECTS
ARCHITECTS - INTERIOR DESIGNERS - PLANNERS
5050 NORTHSHORE LANE
NORTH LITTLE ROCK, ARKANSAS 72118
PH. # 501-376-6681

ECI - ENGINEERING CONSULTANTS, INC.
STRUCTURAL ENGINEERING
401 WEST CAPITOL AVENUE, SUITE 305
LITTLE ROCK, AR 72201
PH. # 501-376-3752

INSIGHT ENGINEERING
MECHANICAL, ELECTRICAL, PLUMBING, & FIRE
PROTECTION ENGINEERING
322 S STATE STREET, STE 201
LITTLE ROCK, ARKANSAS 72201
PH. # 501-237-3077

MCCLELLAND CONSULTING ENGINEERS, INC.
CIVIL ENGINEERS, LANDSCAPE ARCHITECTS
7302 KANIS RD.
LITTLE ROCK, AR 72204
PH. # 501-371-0272

MCKAY-LANE CONSULTING, LTD
FOODSERVICE CONSULTANTS
FORT SMITH, AR
PH: #479-629-4572

ABBREVIATIONS

C	CENTERLINE	C.F.C.I.	CONTRACTOR FURNISHED CONTRACTOR INSTALLED	ELEV	ELEVATOR	GDW	GYPSUM DRY WALL	MC	MEDICINE CABINET	R	RISER	SUS	SUSPENDED
I	CHANNEL	CG	CORNER GUARD	EMER	EMERGENCY	GT	GROUT	MCB	METAL CASING/CORNER BEAD	RA	RETURN AIR	SYS	SYSTEM
P	PERPENDICULAR	CHG	CHANGE	ENC	ENCLOSURE(EURE)	GV	GALVANIZED	MECH	MECHANICAL	RAD	RADIUS	T	TREAD
R	ROUND	CHG	CHANGE	ENGR	ENGINEER	GV	GALVANIZED	MED	MEDIUM	RB	RUBBER BASE	T&G	TONGUE AND GROOVE
@	AT	CJ	CASTE IRON	ENT	ENTRANCE	GY	GYPSUM	MET	METAL	RBT	RUBBER TILE	TC	TOP OF CURB
ABV	AIR CONDITIONING	CL	CEILING	EQ	EQUAL	HB	HOSE BIBB	MFR	MANUFACTURE(ER)	RD	ROOF DRAIN	TC	TOP OF CURB
AC	ACOUSTICAL	CLG	CEILING	ESC	EMERGENCY ROOF DRAIN	HC	HOLLOW CORE	ESC	ESCUTCHEON	RE	REFER TO	TEL	TELEPHONE
ACC	ACCESS	CLK	CLEARANCE	EST	ESTIMATE	HDF	HANDICAP DRINKING FOUNTAIN	ESC	ESCUTCHEON	REF	REFERENCE	THR	THRESHOLD
ADB	AUTOMATIC DOOR BUTTON	CMU	CONCRETE MASONRY UNIT	ETR	EXISTING TO REMAIN	HDW	HARDWARE	MISC	MISCELLANEOUS	REFL	REFLECTIVE	TI	TOP OF INLET
ADH	ADHESIVE	CO	CLEANOUT	EXP	EXISTING	HM	HOLLOW METAL	MLDG	MOLDING, MOULDING	REIN	REINFORCING	TKBD	TACKBOARD
ADJ	ADJACENT	CS	COMPANY	EXP	EXPOSED	HMD	HOLLOW METAL DOOR	MO	MASONRY OPENING	REIN	REINFORCING	TPTN	TOILET PARTITION
AF	ABOVE FINISHED FLOOR	COL	COLUMN	EXT	EXTERIOR	HMF	HOLLOW METAL FRAME	MRB	MARBLE	RE	REMOVE	TSL	TOP OF SLAB
AGGR	AGGREGATE	COMB	COMBINATION	EXT	EXTERIOR	HOR	HORIZONTAL	MRD	METAL ROOF DECKING	REQD	REQUIRED	TST	TOP OF WALL
AL	ALUMINUM	COMPT	COMPARTMENT	F	FACE TO FACE	HR	HOUR	MTR	METAL FURRING	RES	RESILIENT	TV	TELEVISION WALL BRACKET
ALT	ALTERNATE	CONC	CONCRETE	F	FACE TO FACE	HT	HEIGHT	MT	METAL THRESHOLD	REV	REVISION(S), REVISED	TYP	TYPICAL
AMT	AMOUNT	CONC	CONCRETE	FD	FLOOR DRAIN	HVAC	HEATING/VENTILAT./AIR CONDIT.	MULL	MULLION	RFG	ROOFING	TZ	TERRAZZO
ANOD	ANODIZED	CONT	CONTINUOUS OR CONTINUE	FDC-1	FIRE DEPT. CONNECTION	HW	HOT WATER	MTH	MARBLE THRESHOLD	RFH	ROOF HATCH	UL	UNDERWRITERS LAB
APPROX	APPROXIMATE	CONTR	CONTRACT(OR)	FDC-2	FIRE DEPT. CONNECTION	HWH	HOT WATER HEATER	NAT	NATURAL	RM	ROOM	UNFN	UNFINISHED
APT	APARTMENT	CORR	CORRUGATED	FDC-3	FIRE DEPT. CONNECTION	IN	INCH	NIC	NOT IN CONTRACT	RO	ROUGH OPENING	UN	UNLESS OTHERWISE NOTED
ARCH	ARCHITECT/ARCHITECTURAL	CRS	COURSE(S)	IN	INCH	INCL	INCLUDE(D), (ION)	NOM	NOMINAL	ROW	ROUGH OPENING	UR	URNAL
ASPH	ASPHALT	CRS	COURSE(S)	IN	INCH	ID	INSIDE DIAMETER	NTS	NOT TO SCALE	S	SOUTH	VB	VAPOR BARRIER
AVE	AVENUE	CTD	CERAMIC TILE	IN	INCH	INFO	INFORMATION	O	OUT TO OUT	S4S	SURFACE FOUR SIDES	VB	VINYL BASE
		CTR	COUNTER	INS	INSULATE(D), (ION)	INT	INTERIOR	OA	OVERALL	SCH	SCHEDULE	VCT	VINYL COMPOSITION TILE
BD	BOARD	CTS	COUNTERSUNK SCREW	INT	INTERIOR	INV	INVERT	OC	ON CENTER	SCN	SCREEN	VERT	VERTICAL
BET	BETWEEN	CU	CUBIC FOOT	INT	INTERIOR	JC	JANITOR'S CLOSET	OD	OUTSIDE DIAMETER	SD	STORM DRAIN	VIN	VINYL
BL	BUILDING LINE	CU	CUBIC INCH	JT	JOINT	JT	JOINT	OH	OPPOSITE HAND	SEC	SECTION	VNR	VENEER
BLDG	BUILDING	CU	CUBIC YARD	KD	KILN-DRIED	KIT	KITCHEN	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED	SH	SHELF, SHELVING	VT	VINYL TILE
BLK	BLOCK	DA	DOUBLE ACTING	KIT	KITCHEN	LAD	LADDER	OPG	OPENING	SHT	SHEET	W	WEST
BLVD	BOULEVARD	DEPT	DEPARTMENT	LAM	LAMINATE(D)	LAV	LAVATORY	OPP	OPPOSITE	SHTH	SHEATHING	W	WIDTH, WIDE
BM	BEAM	DF	DRINKING FOUNTAIN	LAV	LAVATORY	LB	POUND OR (#)	PFN	PREFINISHED	SIM	SIMILAR	W	WITH
BM	BENCH MARK	DIA	DIAMETER	LB	POUND OR (#)	LH	LEFT HAND	PL	PLATE	SNT	SEALANT	W/O	WITHOUT
BRK	BRICK	DN	DOWN	LH	LEFT HAND	LMS	LIMESTONE	PL	PLATE	SPK	SPEAKER(S)	WC	WATER CLOSET
BRZ	BRONZE	DP	DAMP PROOFING	LMS	LIMESTONE	LPT	LOW POINT	PL	PROPERTY LINE	SQ	SQUARE	WF	WIDE FLANGE
BSMT	BASEMENT	DS	DAMP PROOFING	LPT	LOW POINT	LQ	LOW POINT	PLAM	PLASTIC LAMINATE	SQ FT	SQUARE FOOT	WS	WIRED GLASS
BUR	BUILT UP ROOFING	DT	DRAPERY TRACK	LQ	LOW POINT	LTR	LOUVER	PREFAB	PREFABRICATED	SS	STAINLESS STEEL	WH	WEEP HOLE
		DTL	DETAIL	LTR	LOUVER	LW	LIGHT WEIGHT	PROP	PROPERTY	ST	STREET	WHB	WHEEL BUMPER
C	CENTER TO CENTER	DWG	DRAWING	LW	LIGHT WEIGHT	LWC	LIGHT WEIGHT CONCRETE	PSF	POUNDS PER SQUARE FOOT	STL	STEEL	WM	WIRE MESH
CAB	CABINET	EA	EACH	LWC	LIGHT WEIGHT CONCRETE	MAS	MASONRY	PT	PRESERVATIVE TREATED	STA	STATION	WO	WITHOUT
CB	CATCH BASIN	EF	EACH FACE	MAS	MASONRY	MAX	MAXIMUM	PT	PRESERVATIVE TREATED	STD	STANDARD	WP	WATERPROOFING
CEM	CEMENT	EL	ELEVATION	MBR	MEMBER	QTY	QUANTITY	PWD	PLYWOOD	STG	SEATING	WPT	WORKING POINT
CFM	CUBIC FEET PER MINUTE	ELEC	ELECTRICAL			QTY	QUANTITY	QTY	QUANTITY	STL	STEEL	WSC	WAINSCOT
								QTY	QUANTITY	STO	STORAGE	WTW	WALL TO WALL
								QTY	QUANTITY	STR	STRUCTURAL	WWF	WELDED WIRE FABRIC

PROJECT LOCATION



MATERIALS & SYMBOLS LEGEND

	CONCEALED FASTENER METAL PANEL ON MTL. STUDS WITH CONTINUOUS INSULATION		EXTERIOR BUILDING ELEVATION
	BRICK VENEER ON MTL. STUDS WITH CONTINUOUS INSULATION		INTERIOR ELEVATION
	ACM PANEL TRIM ON MTL. STUDS		CASEWORK ELEVATION
	GYPSUM BOARD ON METAL STUD PARTITION W/ FIRE RESISTANCE RATING		TOILET / LOCKER ROOM ELEVATION
	GYPSUM BOARD ON METAL STUD PARTITION W/ ACOUSTIC RATING		BUILDING SECTION
	GYPSUM BOARD ON METAL STUDS		WALL SECTION
	CONCRETE MASONRY UNIT		

REFER TO SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION

INDEX OF DRAWINGS

SHEET INDEX PACKAGE NO. 2	
NO.	SHEET NAME
TITLE SHEETS	
T0.0	COVER SHEET
T0.1	DATA SHEET
T2.1	ARKANSAS DEPT OF EDUCATION PROGRAM OF REQUIREMENTS
CIVIL	
C1.0	PHASE - DEMOLITION AND EROSION PLAN
C2.0	SITE PLAN
C3.0	GRADING PLAN
C4.0	DRAINAGE PLAN
C4.1	DRAINAGE PROFILE PLAN
C5.0	UTILITY PLAN
C6.0	DETAIL SHEET I
C6.1	DETAIL SHEET II
C6.2	DETAIL SHEET III
C6.3	DETAIL SHEET IV
C6.4	DETAIL SHEET V
C6.5	DETAIL SHEET VI
STRUCTURAL	
S1.0	GENERAL NOTES
S1.1	FOUNDATION PLAN - AREA A
S1.2	FOUNDATION PLAN - AREA B
S1.3	FOUNDATION PLAN - AREA C
S2.1	FOUNDATION DETAILS
S2.2	FOUNDATION DETAILS
S3.1	LO ROOF FRAMING PLAN - AREA B
S3.2	LO ROOF FRAMING PLAN - AREA C
S3.3	HI ROOF FRAMING PLAN - AREA A
S3.4	HI ROOF FRAMING PLAN - AREA B
S3.5	HI ROOF FRAMING PLAN - AREA C
S4.1	FRAMING DETAILS
S4.2	FRAMING DETAILS
S4.3	FRAMING DETAILS
S5.1	BRACE ELEVATIONS
S5.2	BRACE ELEVATIONS

UL DESIGNS

UL #	DESCRIPTION
U419	PARTITION WITH 1 HOUR FIRE RESISTANCE RATING
U411	PARTITION WITH 2 HOUR FIRE RESISTANCE RATING
U497	SHAFT WALL ASSEMBLY WITH 2 HOUR FIRE RESISTANCE RATING

REFER TO INTERIOR PARTITION TYPES FOR ADDITIONAL INFORMATION

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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.

Bryce K. Cline
 SIGNATURE



BRINKLEY PUBLIC SCHOOLS
 BRINKLEY HIGH SCHOOL
 200 TIGER DRIVE, BRINKLEY, AR 72021

PROJECT TITLE

CONTENTS

DATA SHEET

NO.	DATE	DESCRIPTION

23-069
 JOB NO.
 2024 | 11 | 29
 DATE
 PACKAGE NO. 2

T0.1

SHEET

POR ROOM SCHEDULE

ROOM NO.	NAME	POR Code	TARGET AREA	MEASURED AREA
100	EVENTS LOBBY	E/MH-BS-5 Corridors/Circulation		1,963 SF
101	STUDENT DINING	E/MH-SD-1 Student Dining	2,730 SF	2,924 SF
102	STAGE	H-PA-3 Stage Area	800 SF	785 SF
103	GIRLS	E/MH-BS-1 Large Group Restrooms		260 SF
104	BOYS	E/MH-BS-1 Large Group Restrooms		260 SF
105	MUSIC	MH-MU-1 Instrumental Room	1,400 SF	1,404 SF
106	STOR	H-MU-2 Instrument Storage	225 SF	230 SF
107	M. LIB	M-MU-2 Music Storage	100 SF	100 SF
108	DATA	E/MH-BS-4 Telecommunications Room	64 SF	75 SF
108	OFF	H-MU-6 Instrumental Office		117 SF
109	JAN	E/MH-BS-2 Custodial Closet	50 SF	50 SF
109	FAMILY	H-AD-19 Family Restroom		84 SF
110	NURSE	E/MH-AD-15 Health Center	250 SF	380 SF
111	R.R.	E/MH-AD-20 Health Center Restroom	45 SF	103 SF
112	COUN	H-AD-14 Guidance Reception and Display Area		150 SF
113	COUN	E/MH-AD-11 Guidance Counselor's Office	120 SF	120 SF
114	COUN	E/MH-AD-11 Guidance Counselor's Office	120 SF	122 SF
115	OFF	H-AD-17 Itinerant Personnel Office		122 SF
116	OFF	H-AD-17 Itinerant Personnel Office		127 SF
117	PRINC	E/MH-AD-3 Principal's Office	150 SF	159 SF
118	WORK ROOM	H-AD-6 Mail/Work/Copy Room		679 SF
119	ELEC	E/MH-BS-3 Electrical Closet	50 SF	110 SF
120	TLT	H-AD-10 Restroom		80 SF
121	SRO	H-AD-17 Itinerant Personnel Office		109 SF
122	CONF	H-AD-5 Conference Room		246 SF
123	SEC	H-AD-2 Secretarial Area		122 SF
124	RECEPTION	H-AD-1 Reception Area		447 SF
125	VEST	E/MH-BS-5 Corridors/Circulation		343 SF
126	LOBBY	E/MH-BS-5 Corridors/Circulation		1,612 SF
127	MEDIA CENTER	MH-MC-1 Reading Room/Circulation	1,556 SF	1,556 SF
128	MS CLASSROOM	M-AC-1b MS Classroom Grades 7-8	850 SF	859 SF
129	MS CLASSROOM	M-AC-1b MS Classroom Grades 7-8	850 SF	856 SF
130	MS CLASSROOM	M-AC-1b MS Classroom Grades 7-8	850 SF	867 SF
131	CORRIDOR	E/MH-BS-5 Corridors/Circulation		2,522 SF
132	OT/PT	E/MH-SE-7 OT/PT	350 SF	352 SF
133	RESOURCE	E/MH-SE-4 Special Education/Resource	450 SF	450 SF
134	CONF	E/MH-SE-2 Workroom/Conference	150 SF	219 SF
135	STOR	H-SE-6 Storage		119 SF
136	SPECIAL ED	E/MH-SE-1 Self Contained Classroom	850 SF	850 SF
137	TLT	E/MH-SE-3 Restroom/Shower	100 SF	118 SF
138	PROJECT LAB	H-AC-9 Project Lab/Classroom	1,100 SF	1,112 SF
139	ELEC	E/MH-BS-3 Electrical Closet	50 SF	79 SF
140	DATA	E/MH-BS-4 Telecommunications Room	64 SF	38 SF
141	EARTH SCIENCE	H-AC-2 Science Cirm/Lab-Gen/Physics	1,440 SF	1,429 SF
142	HS CLASSROOM	H-AC-1 HS Classroom	850 SF	851 SF
143	HS CLASSROOM	H-AC-1 HS Classroom	850 SF	851 SF
144	SPEECH	E/MH-SE-5 Speech Therapy	475 SF	480 SF
145	WORK RM	H-AC-6 Teacher Prep Area/Workroom		243 SF
146	TLT	E-AC-7 Individual Restroom		48 SF
147	BOYS	E/MH-BS-1 Large Group Restrooms		194 SF
148	GIRLS	E/MH-BS-1 Large Group Restrooms		187 SF
149	ART	H-VA-1 Art Room	1,200 SF	1,200 SF
150	STOR / KILN	MH-VA-3 Art Material Storage	100 SF	146 SF
151	HS CLASSROOM	H-AC-1 HS Classroom	850 SF	851 SF
152	HS CLASSROOM	H-AC-1 HS Classroom	850 SF	851 SF
153	CORRIDOR	E/MH-BS-5 Corridors/Circulation		1,364 SF
154	CAREER	CE-BM-11 Classroom	850 SF	851 SF
155	WOOD SHOP	CE-FCS-9 Facilities Management, Maintenance, & Services Lab	1,200 SF	1,201 SF
156	CHEMISTRY	H-AC-4 Science Cirm/Lab-Bio/Life Sci	1,440 SF	1,440 SF
157	AGRI SHOP	M-CE-1 Career Education	1,300 SF	1,361 SF
157	HANDWASH	E/MH-BS-1 Large Group Restrooms		105 SF
176	JANITOR	E/MH-BS-2 Custodial Closet	50 SF	35 SF
200	GYMNASIUM	H-PE-1 PE Area	6,000 SF	10,070 SF
201	KITCHEN	E/MH-FS-2a Preparation Area		207 SF
202	CONCESSIONS	H-PA-10 Lobby/Concessions/Gallery		209 SF
203	ELEC	E/MH-BS-6 Mech/Elect Space/Decks		147 SF
204	MECH	E/MH-BS-6 Mech/Elect Space/Decks		176 SF
207	BOYS LOCKERS	H-PE-3 Student Locker Room	400 SF	287 SF
209	CORRIDOR	E/MH-BS-5 Corridors/Circulation		1,087 SF
210	GIRLS LOCKERS	H-PE-3 Student Locker Room	400 SF	382 SF
212	DRESSING	H-PE-6 PE/Athletic Office		143 SF
213	TLT	H-PE-7 Staff Shower		91 SF
214	GIRLS LOCKERS	H-PE-7 Staff Shower		338 SF
218	RESTROOM	H-PE-4 Student Restroom/Shower	150 SF	221 SF
219	CORRIDOR	E/MH-BS-5 Corridors/Circulation		114 SF
220	SERVING	E/MH-FS-2b Serving Area	196 SF	203 SF
221	OFFICE	H-FS-3 Dietician Office		20 SF
222	DISHWASH	E/MH-FS-2c Waste Washing	52 SF	166 SF
224	DRESSING	H-PE-6 PE/Athletic Office		140 SF
225	TLT	H-PE-7 Staff Shower		98 SF
226	BOYS LOCKERS	H-PE-3 Student Locker Room	400 SF	296 SF
227	RESTROOM	H-PE-4 Student Restroom/Shower	150 SF	185 SF
227	DRY STOR	E/MH-FS-2c Dry Food Storage	64 SF	83 SF
228	LAUNDRY	H-PE-10 Training Room		191 SF
228	COOLER	E/MH-FS-2d Cooler/Freezer	58 SF	71 SF
229	STORAGE	H-PE-3 Student Locker Room	400 SF	290 SF
229	FREEZER	E/MH-FS-2d Cooler/Freezer	58 SF	71 SF
230	STORAGE	H-PE-3 Student Locker Room	400 SF	210 SF
231	STAFF TLT	H-FS-4 Restroom		65 SF
233	ELEC	E/MH-BS-6 Mech/Elect Space/Decks		137 SF
234	DATA	E/MH-BS-4 Telecommunications Room	64 SF	54 SF
235	GIRLS RR	H-PE-4 Student Restroom/Shower	150 SF	211 SF
236	BOYS RR	H-PE-4 Student Restroom/Shower	150 SF	282 SF
238	FIRE RISER	E/MH-BS-6 Mech/Elect Space/Decks		65 SF
239	TOOL STORAGE	M-CE-3 Career Education Storage		95 SF
240	TOOL STORAGE	M-CE-3 Career Education Storage		95 SF
241	STAFF	H-FS-5 Locker Room		58 SF
242	STOR	H-AD-7 Administrative Storage		86 SF

1 PROGRAM OF REQUIREMENTS - PLAN
1/16" = 1'-0"



LEGEND

- ACADEMIC
- ACADEMIC SUPPORT
- ADMINISTRATION
- ARTS
- BUILDING SERVICES
- CAREER EDUCATION
- CIRCULATION
- DINING
- MEDIA CENTER
- MUSIC
- PHYSICAL EDUCATION
- SCIENCE
- SPECIAL EDUCATION

DIVISION PROJECT NUMBER: 2324-4801-001

BASED ON POR DATED 5/20/2023

TOTAL REQUIRED/FUNDED SQUARE FOOTAGE: 48,140 SF

TOTAL PROVIDED SQUARE FOOTAGE: 58,023 SF



BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

ARKANSAS DEPT OF EDUCATION
PROGRAM OF REQUIREMENTS

CONTENTS

REVISIONS

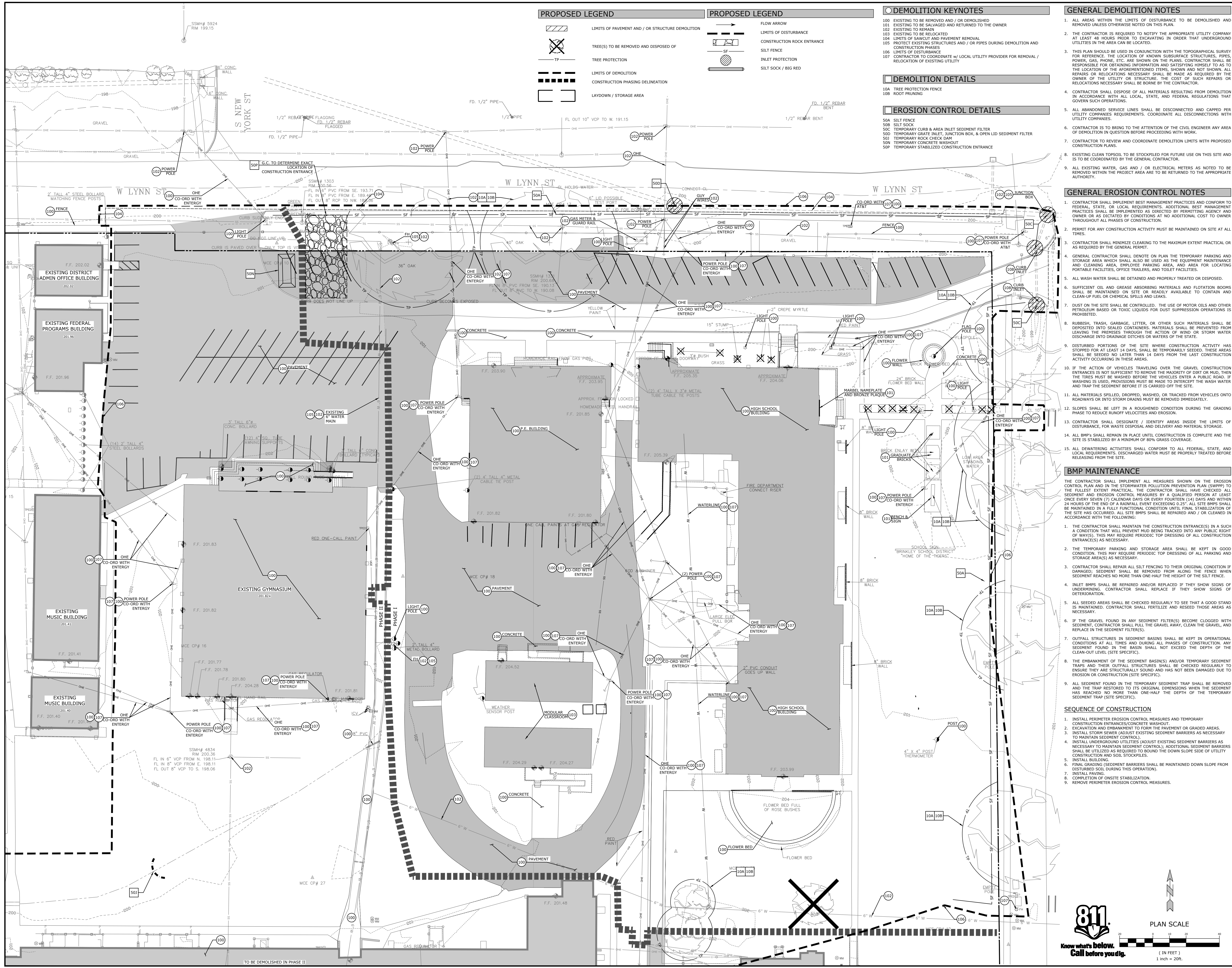
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23-069
JOB NO.
2024 | 11 | 29
DATE

PACKAGE NO. 2

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PROPOSED LEGEND

- LIMITS OF PAVEMENT AND / OR STRUCTURE DEMOLITION
- TREE(S) TO BE REMOVED AND DISPOSED OF
- TREE PROTECTION
- LIMITS OF DEMOLITION
- CONSTRUCTION PHASING DELINEATION
- LAYDOWN / STORAGE AREA

PROPOSED LEGEND

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

DEMOLITION KEYNOTES

- 100 EXISTING TO BE REMOVED AND / OR DEMOLISHED
- 101 EXISTING TO BE SALVAGED AND RETURNED TO THE OWNER
- 102 EXISTING TO REMAIN
- 103 EXISTING TO BE RELOCATED
- 104 LIMITS OF SALVAGE 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

DEMOLITION DETAILS

- 10A TREE PROTECTION FENCE
- 10B ROOT PRUNING

EROSION CONTROL DETAILS

- 50A SILT FENCE
- 50B SILT SOCK
- 50C TEMPORARY CURB & AREA INLET SEDIMENT FILTER
- 50D TEMPORARY GRATE INLET, JUNCTION BOX, & OPEN LID SEDIMENT FILTER
- 50E TEMPORARY ROCK CHECK DAM
- 50F TEMPORARY CONCRETE WASHOUT
- 50P TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

GENERAL DEMOLITION NOTES

1. ALL AREAS WITHIN THE LIMITS OF DISTURBANCE TO BE DEMOLISHED AND REMOVED UNLESS OTHERWISE NOTED ON THIS PLAN.
2. THE CONTRACTOR IS REQUIRED TO NOTIFY THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS PRIOR TO EXCAVATING IN ORDER THAT UNDERGROUND UTILITIES IN THE AREA CAN BE LOCATED.
3. THIS PLAN SHOULD BE USED IN CONJUNCTION WITH THE TOPOGRAPHICAL SURVEY FOR REFERENCE. THE LOCATION OF KNOWN SUBSURFACE STRUCTURES, PIPES, POWER, GAS, PHONE, ETC. ARE SHOWN ON THE PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING INFORMATION AND SATISFYING HIMSELF TO AS TO THE LOCATION OF THE AFORESAID ITEMS, SHOWN AND NOT SHOWN. ALL REPAIRS OR RELOCATIONS NECESSARY SHALL BE MADE AS REQUIRED BY THE OWNER OF THE UTILITY OR STRUCTURE. THE COST OF SUCH REPAIRS OR RELOCATIONS NECESSARY SHALL BE BORNE BY THE CONTRACTOR.
4. CONTRACTOR SHALL DISPOSE OF ALL MATERIALS RESULTING FROM DEMOLITION IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS THAT GOVERN SUCH OPERATIONS.
5. ALL ABANDONED SERVICE LINES SHALL BE DISCONNECTED AND CAPPED PER UTILITY COMPANIES REQUIREMENTS. COORDINATE ALL DISCONNECTIONS WITH UTILITY COMPANIES.
6. CONTRACTOR IS TO BRING TO THE ATTENTION OF THE CIVIL ENGINEER ANY AREA OF DEMOLITION IN QUESTION BEFORE PROCEEDING WITH WORK.
7. CONTRACTOR TO REVIEW AND COORDINATE DEMOLITION LIMITS WITH PROPOSED CONSTRUCTION PLANS.
8. EXISTING CLEAN TOPSOIL TO BE STOCKPILED FOR FUTURE USE ON THIS SITE AND IS TO BE COORDINATED BY THE GENERAL CONTRACTOR.
9. ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE REMOVED WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.

GENERAL EROSION CONTROL NOTES

1. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AND CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DIRECTED BY PERMITTING AGENCIES BY THE OWNER OR AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
2. PERMIT FOR ANY CONSTRUCTION ACTIVITY MUST BE MAINTAINED ON SITE AT ALL TIMES.
3. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR 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 LIQUIDS 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 LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
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 DRAINAGE 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 BMP'S SHALL BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE HAS OCCURRED. ALL SITE BMP'S SHALL BE REPAIRED AND / OR CLEANED IN ACCORDANCE WITH THE FOLLOWING:

1. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION ENTRANCE(S) IN 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 AREAS 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 BMP'S SHALL BE REPAIRED AND/OR REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
5. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND 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.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 27134

PROJECT TITLE

BRINKLEY PUBLIC SCHOOLS

BRINKLEY HIGH SCHOOL

200 TIGER DRIVE, BRINKLEY, AR 72021

CONTENTS

PHASE I -

DEMOLITION AND EROSION PLAN

SHEET DATE REVISIONS

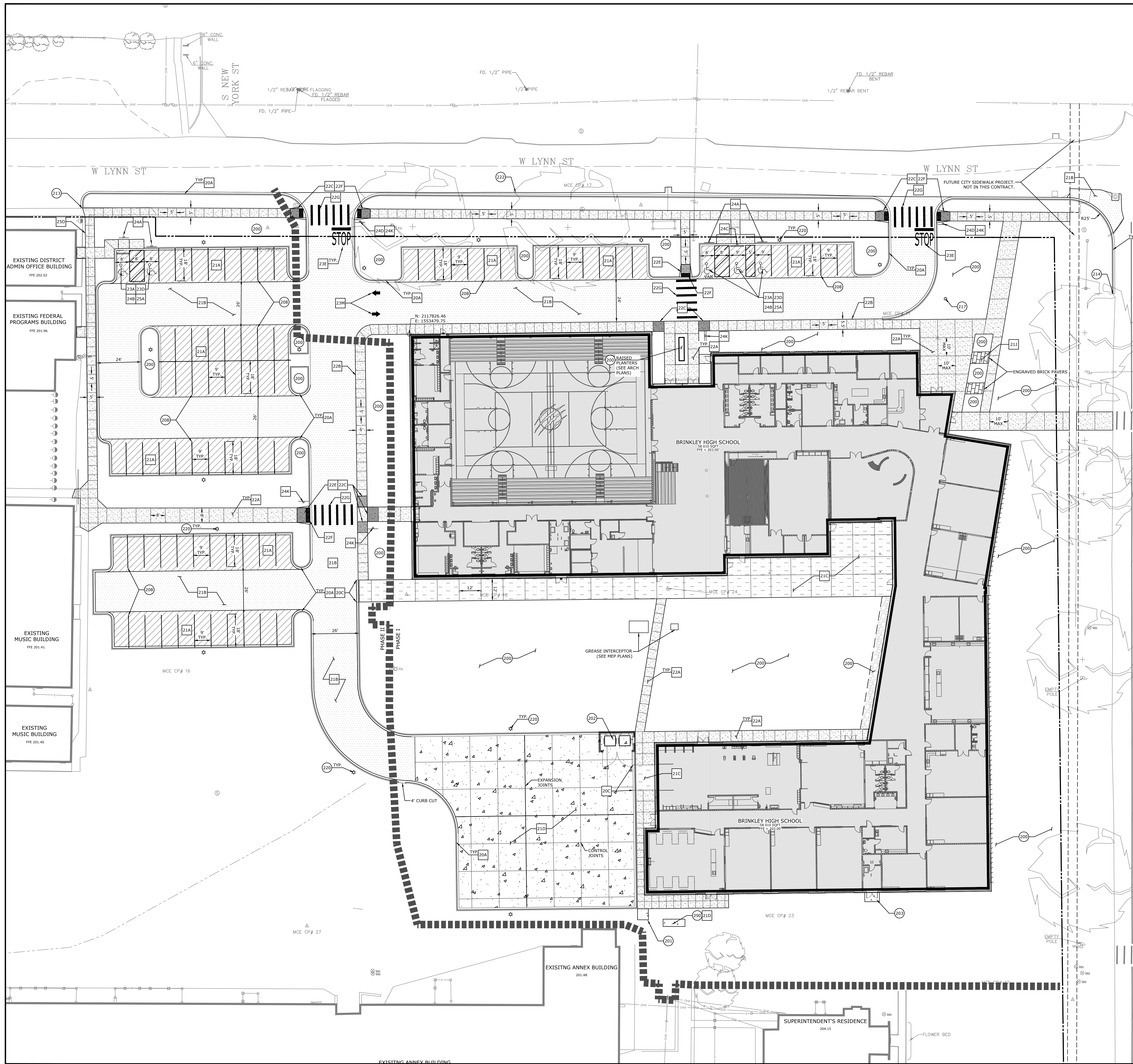
NO.	DATE	DESCRIPTION
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		PACKAGE NO. 2

811 Know what's below. Call before you dig.

PLAN SCALE

(IN FEET)
1 inch = 20ft.

C1.0



PROPOSED LEGEND

[Symbol]	CURB AND GUTTER
[Symbol]	EASEMENT
[Symbol]	SETBACK
[Symbol]	TEMPORARY CONSTRUCTION EASEMENT
[Symbol]	FENCE
[Symbol]	PAINTED / THERMOPLASTIC STRIPING
[Symbol]	CONSTRUCTION PHASING DELINEATION
[Symbol]	STANDARD DUTY ASPHALT PAVEMENT
[Symbol]	CONCRETE SIDEWALK
[Symbol]	HEAVY DUTY ASPHALT PAVEMENT
[Symbol]	HEAVY DUTY CONCRETE PAVEMENT
[Symbol]	STANDARD DUTY CONCRETE
[Symbol]	CATCH BASIN
[Symbol]	FLARED END SECTION
[Symbol]	SANITARY SEWER MANHOLE
[Symbol]	PARKING STALL COUNT
[Symbol]	BUILDING CONTROL POINT
[Symbol]	FIRE DEPARTMENT CONNECTION
[Symbol]	FIRE HYDRANT
[Symbol]	POST INDICATOR VALVE
[Symbol]	WATER METER
[Symbol]	POWER POLE/POWER POLE & GUY
[Symbol]	LIGHT POLE
[Symbol]	ELECTRICAL TRANSFORMER
[Symbol]	ELECTRICAL PEDESTAL
[Symbol]	TELEPHONE PEDESTAL
[Symbol]	TRAFFIC SIGNAL PEDESTAL

- GENERAL SITE NOTES**
- CONTRACTOR SHALL RETAIN A FULL SET OF LATEST APPROVED CONSTRUCTION PLANS ON SITE DURING CONSTRUCTION ACTIVITIES.
 - 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.
 - 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.
 - 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 AROD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.
 - UNLESS OTHERWISE NOTED, ALL CURBING INDICATED SHALL BE 6" CONCRETE CURB AND GUTTER.
 - ALL DIMENSIONS, UNLESS OTHERWISE NOTED, ARE FROM THE FACE OF CURB, FACE OF BUILDING, OR CENTERLINE OF STRIPE.
 - CONTRACTOR SHALL REFER TO ARCHITECT PLANS FOR EXACT BUILDING LOCATION, DIMENSIONS, AND UTILITY ENTRANCE LOCATIONS.
 - CONTRACTOR SHALL REFER TO PROJECT SPECIFICATIONS AND GEOTECHNICAL REPORT DETAILS FOR PAVING DESIGN AND PROPER MATERIALS.
 - ALL RADII FOR CURBS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 - ALL RADII ON CURBS ARE 3'-0" UNLESS OTHERWISE NOTED.
 - GENERAL CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COSTS.
 - FOR SITE UTILITIES, SEE UTILITY PLANS(S).
 - CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD.

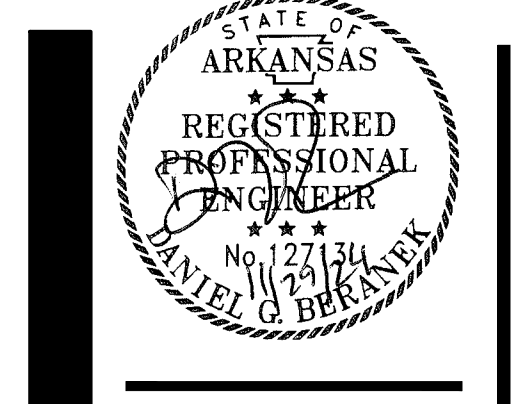
- SITE KEYNOTES**
- 200 LANDSCAPED AREA (SEE LANDSCAPE PLAN)
 - 201 TRANSFORMER PAD (PER ELECTRIC COMPANY REQUIREMENTS)
 - 202 TRASH ENCLOSURE (SEE ARCH. PLANS)
 - 203 CONCRETE STOOP (SEE ARCH. PLANS)
 - 208 4" WIDE PAINTED WHITE PARKING STRIPES
 - 210 DOWNSPOUT / ROOF DRAIN (SEE ARCH. PLANS)
 - 213 TAPER CURB TO MATCH EXISTING
 - 214 TAPER CURB HEIGHT FROM 6" TO 0" OVER 2'
 - 215 HANDRAIL (SEE ARCH. PLANS)
 - 217 FLAG POLE (SEE ARCH. PLANS)
 - 219 BOLLARD (SEE ARCH. PLANS)
 - 220 LIGHT POLE / FIXTURE (SEE ELECTRICAL PLANS)
 - 222 LIMITS OF SANICUT AND PAVEMENT REMOVAL
 - 290 GENERATOR PAD (ACTUAL SIZE TO BE PER MANUFACTURER'S REQUIRED DIMENSIONS)

- SITE DETAILS**
- 20 SERIES: CURB AND GUTTER DETAILS**
- 20A TYPE 'A' STANDARD CONCRETE CURB & GUTTER
 - 20C TYPE 'B-1' MOUNTABLE CONCRETE CURB & GUTTER
- 21 SERIES: PAVEMENT DETAILS**
- 21A STANDARD DUTY ASPHALT PAVEMENT
 - 21B HEAVY DUTY ASPHALT PAVEMENT
 - 21C STANDARD DUTY CONCRETE
 - 21D HEAVY DUTY CONCRETE PAVEMENT
 - 21J BRICK PAVEMENT
- 22 SERIES: SIDEWALK AND CURB RAMP DETAILS**
- 22A CONCRETE SIDEWALK
 - 22B SIDEWALK W/ DOWNTURNED EDGE
 - 22C PEDESTRIAN RAMP (PERPENDICULAR)
 - 22E PEDESTRIAN RAMP (PARALLEL)
 - 22F DETECTABLE WARNING SURFACE
 - 22G CROSSWALK STRIPING
- 23 SERIES: PAVEMENT MARKINGS**
- 23A 90° PARKING / ADA ACCESSIBLE PARKING SPACE STRIPING
 - 23D ACCESSIBLE PARKING SYMBOL
 - 23E STOP BAR
 - 23M TRAFFIC FLOW ARROW PAVEMENT MARKING
- 24 SERIES: POST AND SIGNAGE**
- 24A ACCESSIBLE PARKING SIGN
 - 24B SIGN POST
 - 24C SIGN POST W/ BOLLARD
 - 24D 'STOP' SIGN
 - 24K 'PEDESTRIAN CROSSING' SIGN
- 25 SERIES: SITE STRUCTURES**
- 25A WHEEL STOP
 - 25D SIDEWALK RAMP HANDRAIL

U.S. HWY 49 (S MAIN ST)

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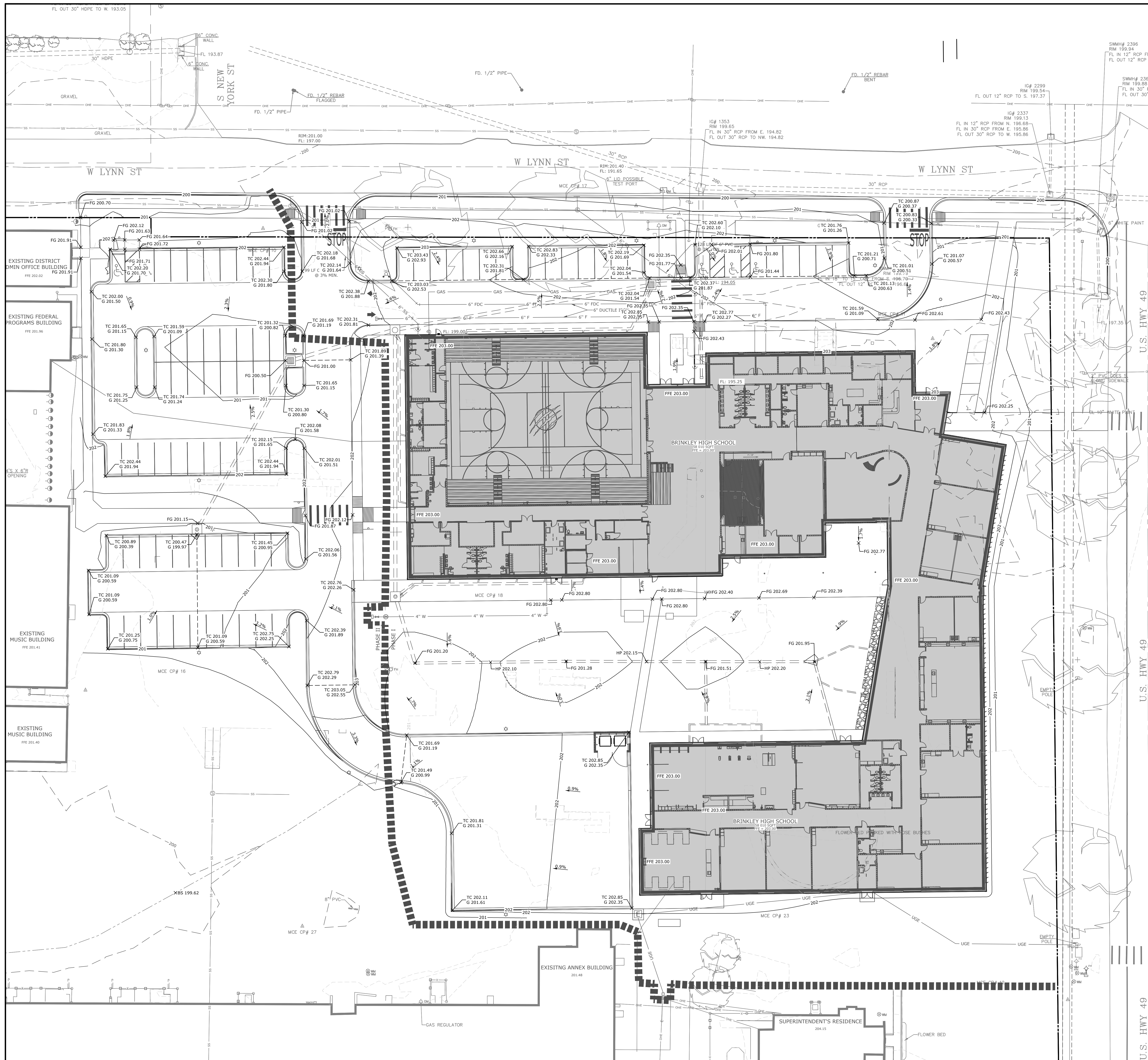


BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

SITE PLAN

NO.	DATE	DESCRIPTION
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JOB NO.	202411129	
DATE	PACKAGE NO. 2	

C2.0



GENERAL GRADING/DRAINAGE NOTES

- CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY EXISTING AND PROPOSED ELEVATION INACCURACIES OR DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION.
- INFORMATION PERTAINING TO UNDER GROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS AND FIELD LOCATIONS WHEN POSSIBLE, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL EXISTING UTILITIES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS IN ADVANCE OF MACHINE TRENCHING. IF CLEARANCES ARE LESS THAN SPECIFIED ON THESE PLANS OR IF WHICH EVER IS LESS, CONTACT THE ENGINEER AND THE OWNER / DEVELOPER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OR REMOVAL OF EXISTING UNDERGROUND UTILITIES SHOWN OR NOT SHOWN AT NO ADDITIONAL COST TO THE OWNER.
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- REMOVE GOOD TOPSOIL FROM AREAS TO BE GRADED AND FILLED, AND PRESERVE IT FOR FINISHING THE GRADING OF ALL CRITICAL AREAS.
- SCARIFY AREAS TO RECEIVE TOPSOIL TO A MINIMUM DEPTH OF 3 INCHES BEFORE PLACING TOPSOIL PER OWNER / DEVELOPER, CITY, AND / OR DOT STANDARDS AND SPECIFICATIONS.
- CLEAR AND GRUB AREAS TO BE FILLED, REMOVE TREES, VEGETATION, ROOTS, DEBRIS, AND OTHER MATERIALS THAT WOULD AFFECT THE STABILITY OF THE FILL.
- ENSURE THAT FILL MATERIAL IS FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER MATERIALS INAPPROPRIATE FOR CONSTRUCTING STABLE FILLS.
- DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCK, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL SLOPES.
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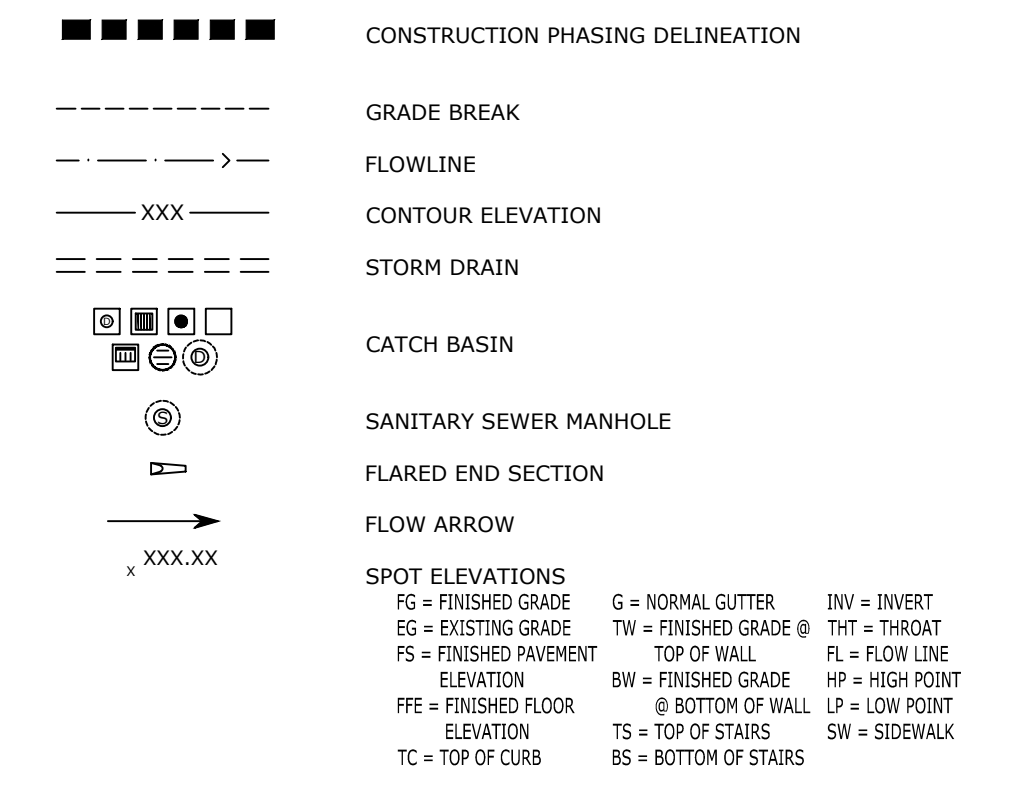
GRADING/DRAINAGE KEYNOTES

- DOWNSPOUT / ROOF DRAIN (SEE ARCH. PLANS)
- REMOVE TOP OF EXISTING STRUCTURE AND RECONSTRUCT PER DETAIL
- ADJUST RIM ELEVATION TO MATCH FINISHED GRADE
- CONNECT TO EXISTING STORM DRAIN MANHOLE OR INLET PER DETAIL 33H
- MATCH EXISTING PAVEMENT ELEVATIONS
- ADA PATH, NO MORE THAN 2% SLOPE ALONG THE PATH OF TRAVEL, AND 2% CROSS SLOPE
- ADA LANDING / LOADING AREA, NO MORE THAN 2% SLOPE IN ANY DIRECTION

GRADING/DRAINAGE DETAILS

- 30 SERIES: RECTANGULAR DRAINAGE STRUCTURES**
- 301 RECTANGULAR CURB INLET w/ EXTENSIONS
 - 302 RECTANGULAR JUNCTION BOX
 - 303 RECTANGULAR GRATE INLET
 - 304 RECTANGULAR CURB INLET EXTENDED THROAT w/ EXTENSIONS
- 31 SERIES: CIRCULAR DRAINAGE STRUCTURES**
- 31F YARD INLET- NYOPLAST DRAIN BASIN
- 32 SERIES: CONCRETE SWALES, RIP-RAP PADS, AND OUTFALLS**
- 32A CONCRETE SWALE (SEE LENGTH AND WIDTH AT SYMBOL)
 - 32B CURB CUT (SEE LENGTH AT SYMBOL)
- 33 SERIES: DRAINS, CLEAN-OUTS, MISC.**
- 33D STORM DRAIN CLEAN-OUT
 - 33E DOWNSPOUT COLLECTOR
 - 33G STORM SEWER TRENCHING, BACKFILL, & BEDDING
 - 33H STORM PIPE BOX / INLET CONNECTION COLLAR

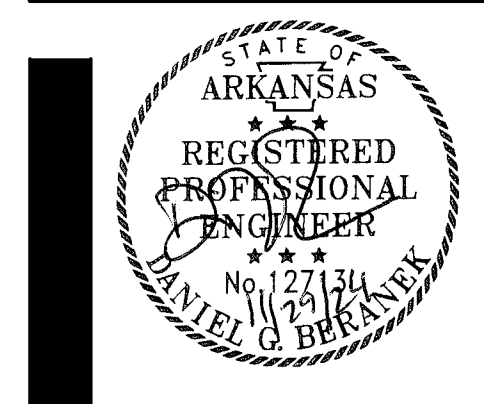
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U.S. HWY 49 (S MAIN ST)

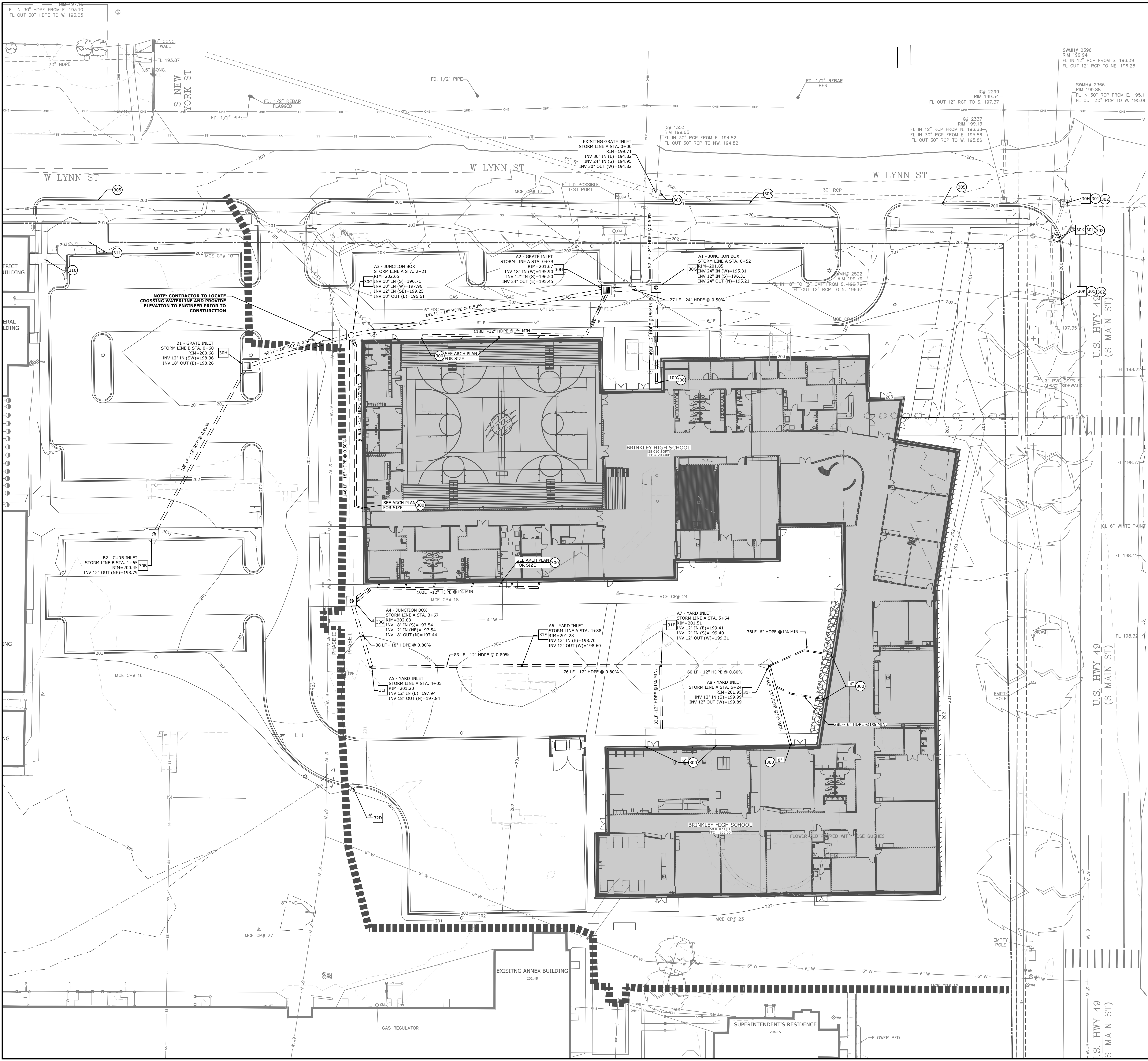


BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

GRADING PLAN

NO.	DATE	DESCRIPTION
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C3.0



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- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).

GRADING/DRAINAGE KEYNOTES

- DOWNSPOUT / ROOF DRAIN (SEE ARCH. PLANS)
- REMOVE TOP OF EXISTING STRUCTURE AND RECONSTRUCT PER DETAIL
- ADJUST RIM ELEVATION TO MATCH FINISHED GRADE
- CONNECT TO EXISTING STORM DRAIN MANHOLE OR INLET PER DETAIL 33H
- MATCH EXISTING PAVEMENT ELEVATIONS
- ADA PATH, NO MORE THAN 2% SLOPE ALONG THE PATH OF TRAVEL, AND 2% CROSS SLOPE
- ADA LANDING / LOADING AREA, NO MORE THAN 2% SLOPE IN ANY DIRECTION

GRADING/DRAINAGE DETAILS

- 30 SERIES: RECTANGULAR DRAINAGE STRUCTURES**
- 30B RECTANGULAR CURB INLET w/ EXTENSIONS
 - 30C RECTANGULAR JUNCTION BOX
 - 30K RECTANGULAR GRATE INLET
 - 30K RECTANGULAR CURB INLET EXTENDED THROAT w/ EXTENSIONS
- 31 SERIES: CIRCULAR DRAINAGE STRUCTURES**
- 31F YARD INLET- NYOPLAST DRAIN BASIN
- 32 SERIES: CONCRETE SWALES, RIP-RAP PADS, AND OUTFALLS**
- 32A CONCRETE SWALE (SEE LENGTH AND WIDTH AT SYMBOL)
 - 32D CURB CUT (SEE LENGTH AT SYMBOL)
- 33 SERIES: DRAINS, CLEAN-OUTS, MISC.**
- 33D STORM DRAIN CLEAN-OUT
 - 33E DOWNSPOUT COLLECTOR
 - 33G STORM SEWER TRENCHING, BACKFILL, & BEDDING
 - 33H STORM PIPE BOX / INLET CONNECTION COLLAR

PROPOSED LEGEND

- CONSTRUCTION PHASING DELINEATION
- GRADE BREAK
- FLOWLINE
- CONTOUR ELEVATION
- STORM DRAIN
- CATCH BASIN
- SANITARY SEWER MANHOLE
- FLARED END SECTION
- FLOW ARROW
- SPOT ELEVATIONS
- FG = FINISHED GRADE
- EG = EXISTING GRADE
- FS = FINISHED PAVEMENT ELEVATION
- FE = FINISHED FLOOR ELEVATION
- TC = TOP OF CURB
- G = NORMAL GUTTER
- TW = FINISHED GRADE @ THROAT
- BW = FINISHED GRADE @ BOTTOM OF WALL
- TS = TOP OF STAIRS
- IN = INVERT
- TH = THROAT
- FL = FLOOR LINE
- HP = HIGH POINT
- LP = LOW POINT
- SW = SIDEWALK
- BS = BOTTOM OF STAIRS

811
Know what's below. Call before you dig.

PLAN SCALE
1 inch = 20ft.

REVISIONS

NO.	DATE	DESCRIPTION

23-069
JOB NO.
202411129
DATE
PACKAGE NO. 2

C4.0

WDD ARCHITECTS

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER
No. 22734
DAVID L. WOODRUFF

PROJECT TITLE
BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

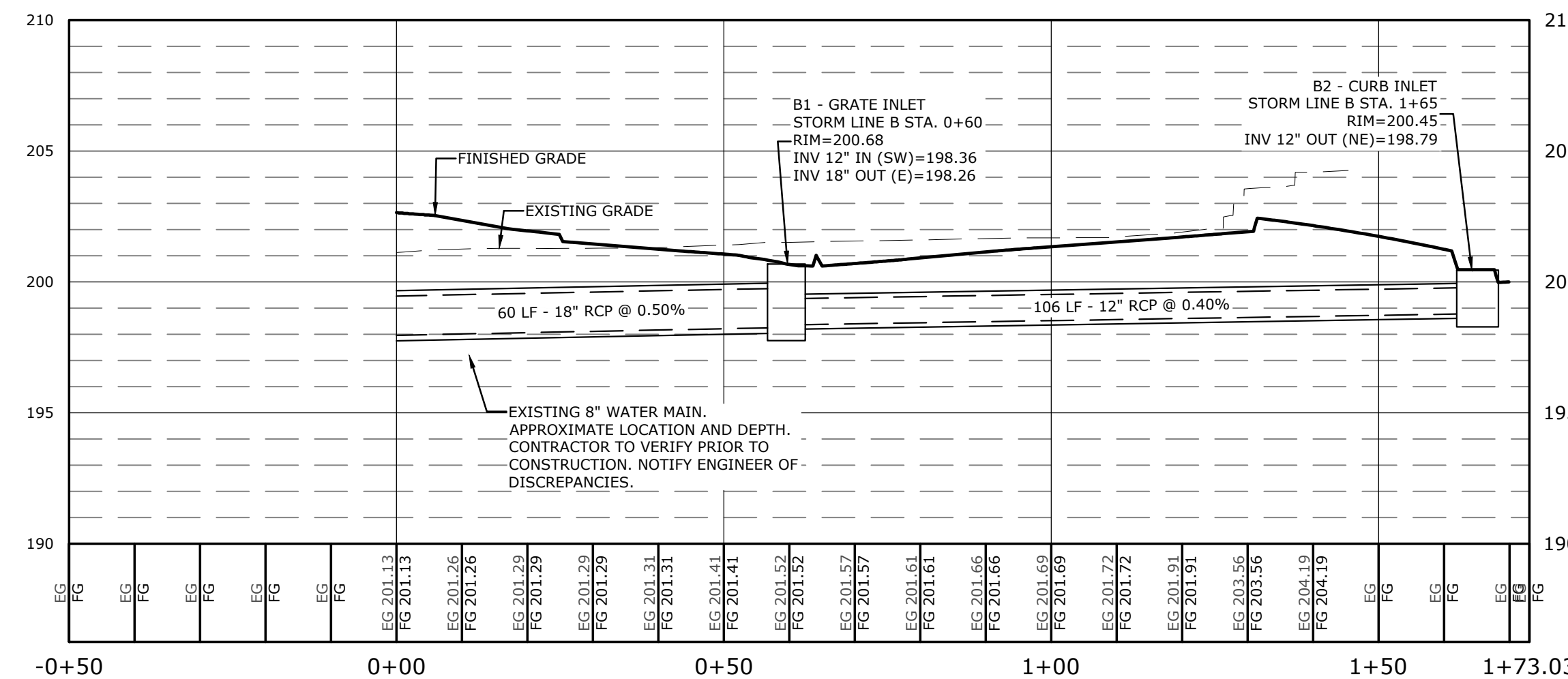
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DRAINAGE PLAN

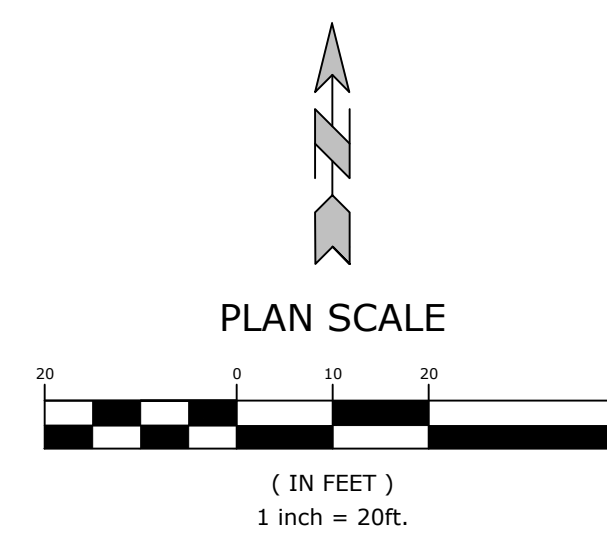
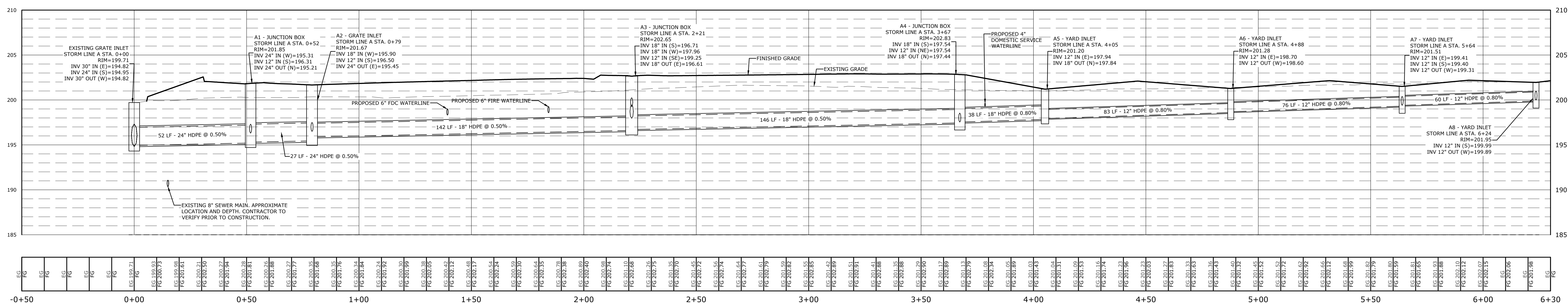
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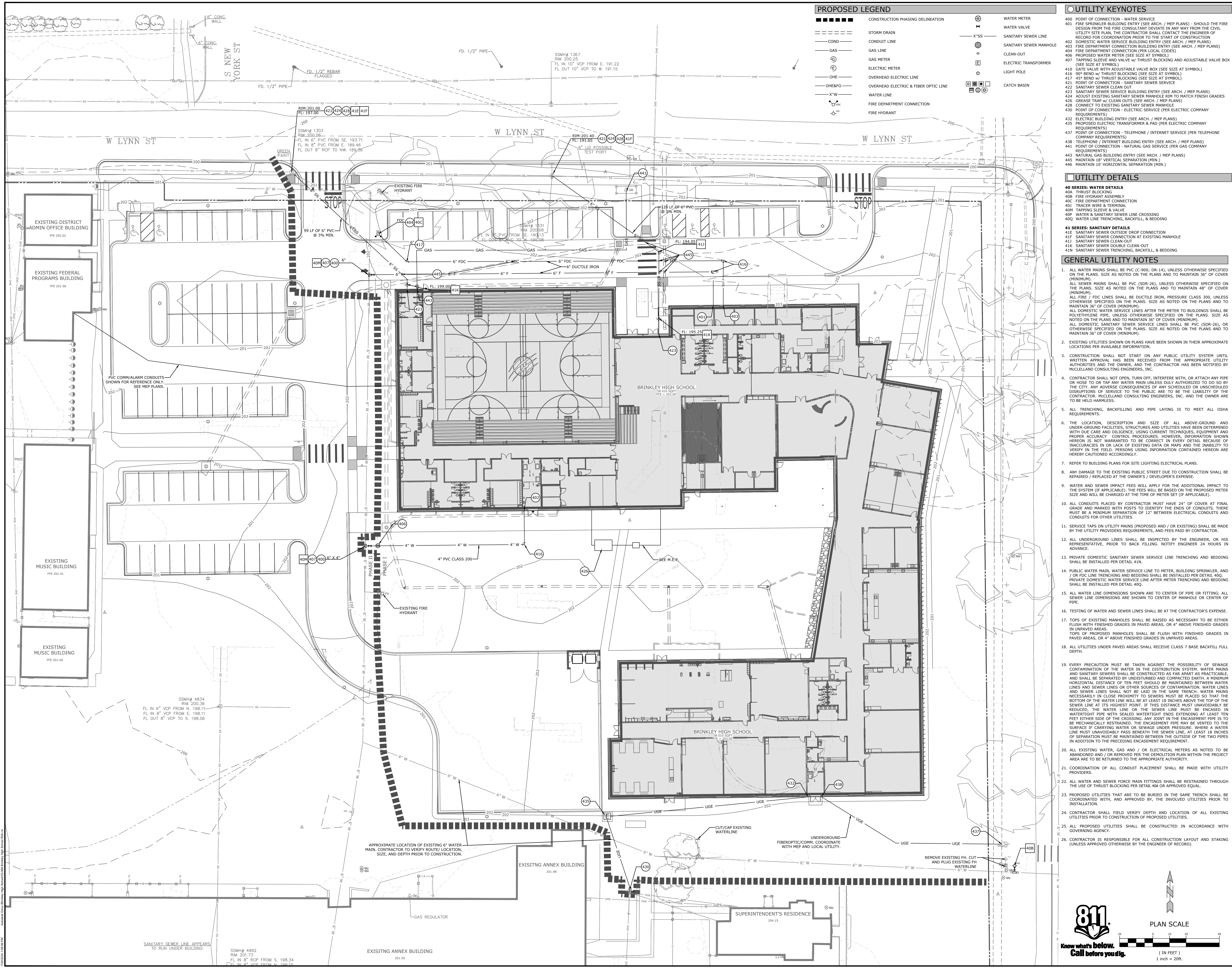
SHEET

STORM LINE B PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'



STORM LINE A PROFILE
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=5'





PROPOSED LEGEND

- CONSTRUCTION PHASING DELINEATION
- STORM DRAIN
- CONDUIT LINE
- GAS LINE
- GAS METER
- ELECTRIC METER
- OVERHEAD ELECTRIC LINE
- OVERHEAD ELECTRIC & FIBER OPTIC LINE
- WATER LINE
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT

UTILITY KEYNOTES

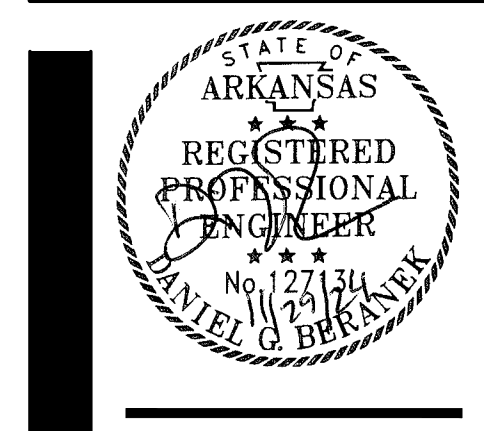
- 400 POINT OF CONNECTION - WATER SERVICE
- 401 FIRE SPRINKLER BUILDING ENTRY (SEE ARCH. / MEP PLANS) - SHOULD THE FIRE DESIGN FROM THE FIRE CONSULTANT DEVIATE IN ANY WAY FROM THE CIVIL UTILITY SITE PLAN, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD FOR COORDINATION PRIOR TO THE START OF CONSTRUCTION
- 402 DOMESTIC WATER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 403 FIRE DEPARTMENT CONNECTION BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 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)
- 417 90° BEND W/ THRUST BLOCKING (SEE SIZE AT SYMBOL)
- 421 POINT OF CONNECTION - SANITARY SEWER SERVICE
- 422 SANITARY SEWER CLEAN OUT
- 423 SANITARY SEWER SERVICE BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 424 ADJUST EXISTING SANITARY SEWER MANHOLE RIM TO MATCH FINISH GRADES
- 426 GREASE TRAP W/ CLEAN OUTS (SEE ARCH. / MEP PLANS)
- 428 CONNECT TO EXISTING SANITARY SEWER MANHOLE
- 430 POINT OF CONNECTION - ELECTRIC SERVICE (PER ELECTRIC COMPANY REQUIREMENTS)
- 432 ELECTRIC BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 435 PROPOSED ELECTRIC TRANSFORMER & PAD (PER ELECTRIC COMPANY REQUIREMENTS)
- 437 POINT OF CONNECTION - TELEPHONE / INTERNET SERVICE (PER TELEPHONE COMPANY REQUIREMENTS)
- 438 TELEPHONE / INTERNET BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 441 POINT OF CONNECTION - NATURAL GAS SERVICE (PER GAS COMPANY REQUIREMENTS)
- 443 NATURAL GAS BUILDING ENTRY (SEE ARCH. / MEP PLANS)
- 446 MAINTAIN 18" VERTICAL SEPARATION (MIN.)
- 446 MAINTAIN 18" HORIZONTAL SEPARATION (MIN.)

UTILITY DETAILS

- 40 SERIES: WATER DETAILS**
- 40A THRUST BLOCKING
- 40B FIRE HYDRANT ASSEMBLY
- 40C FIRE DEPARTMENT CONNECTION
- 40D TRACER WIRE & TERMINAL
- 40M TAPPING SLEEVE & VALVE
- 40P WATER & SANITARY SEWER LINE CROSSING
- 40Q WATER LINE TRENCHING, BACKFILL, & BEDDING
- 41 SERIES: SANITARY DETAILS**
- 41E SANITARY SEWER OUTSIDE DROP CONNECTION
- 41F SANITARY SEWER CONNECTION AT EXISTING MANHOLE
- 41G SANITARY SEWER CLEAN-OUT
- 41K SANITARY SEWER DOUBLE CLEAN-OUT
- 41N SANITARY SEWER TRENCHING, BACKFILL, & BEDDING

GENERAL UTILITY NOTES

1. ALL WATER MAINS SHALL BE PVC (C-900; DR-14), UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
2. ALL SEWER MAINS SHALL BE PVC (SDR-26), UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 48" OF COVER (MINIMUM).
3. ALL FIRE / FDC LINES SHALL BE DUCTILE IRON, PRESSURE CLASS 300, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
4. ALL DOMESTIC WATER SERVICE LINES AFTER THE METER TO BUILDINGS SHALL BE POLYETHYLENE PIPE, UNLESS OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
5. ALL DOMESTIC SANITARY SEWER SERVICE LINES SHALL BE PVC (SDR-26), OR OTHERWISE SPECIFIED ON THE PLANS. SIZE AS NOTED ON THE PLANS AND TO MAINTAIN 36" OF COVER (MINIMUM).
6. EXISTING UTILITIES SHOWN ON PLANS HAVE BEEN SHOWN IN THEIR APPROXIMATE LOCATION PER AVAILABLE INFORMATION.
7. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE APPROPRIATE UTILITY AUTHORITIES AND THE OWNER, AND THE CONTRACTOR HAS BEEN NOTIFIED BY McCLELLAND CONSULTING ENGINEERS, INC.
8. CONTRACTOR SHALL NOT OPEN, TURN OFF, INTERFERE WITH, OR ATTACH ANY PIPE OR HOSE TO OR TAP ANY WATER MAIN UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF ANY SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE LIABILITY OF THE CONTRACTOR. McCLELLAND CONSULTING ENGINEERS, INC. AND THE OWNER ARE TO BE HELD HARMLESS.
9. ALL TRENCHING, BACKFILLING AND PIPE LAYING IS TO MEET ALL OSHA REQUIREMENTS.
10. THE LOCATION, DESCRIPTION AND SIZE OF ALL ABOVE-GROUND AND UNDER-GROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN DETERMINED WITH DUE CARE AND DILIGENCE, USING CURRENT TECHNIQUES, EQUIPMENT AND PROPER ACCURACY CONTROL PROCEDURES. HOWEVER, INFORMATION SHOWN HEREON IS NOT WARRANTED TO BE CORRECT IN EVERY DETAIL BECAUSE OF INACCURACIES IN OR LACK OF EXISTING DATA OR MAPS, AND THE INABILITY TO VERIFY IN THE FIELD. PERSONS USING INFORMATION CONTAINED HEREON ARE HEREBY CAUTIONED ACCORDINGLY.
11. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLANS.
12. ANY DAMAGE TO THE EXISTING PUBLIC STREET DUE TO CONSTRUCTION SHALL BE REPAIRED / REPLACED AT THE OWNERS' / DEVELOPER'S EXPENSE.
13. WATER AND SEWER IMPACT FEES WILL APPLY FOR THE ADDITIONAL IMPACT TO THE SYSTEM (IF APPLICABLE). THE FEES WILL BE BASED ON THE PROPOSED METER SIZE AND WILL BE CHARGED AT THE TIME OF METER SET (IF APPLICABLE).
14. ALL CONDUITS PLACED BY CONTRACTOR MUST HAVE 24" OF COVER AT FINAL GRADE AND MARKED WITH POSTS TO IDENTIFY THE ENDS OF CONDUITS. THERE MUST BE A MINIMUM SEPARATION OF 12" BETWEEN ELECTRICAL CONDUITS AND CONDUITS FOR OTHER UTILITIES.
15. SERVICE TAPS ON UTILITY MAINS (PROPOSED AND / OR EXISTING) SHALL BE MADE BY THE UTILITY PROVIDERS REQUIREMENTS, AND FEES PAID BY CONTRACTOR.
16. ALL UNDERGROUND LINES SHALL BE INSPECTED BY THE ENGINEER, OR HIS REPRESENTATIVE, PRIOR TO BACK FILLING. NOTIFY ENGINEER 24 HOURS IN ADVANCE.
17. PRIVATE DOMESTIC SANITARY SEWER SERVICE LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL 41N.
18. PUBLIC WATER MAIN, WATER SERVICE LINE TO METER, BUILDING SPRINKLER, AND / OR FDC LINE TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL 40Q. PRIVATE DOMESTIC WATER SERVICE LINE AFTER METER TRENCHING AND BEDDING SHALL BE INSTALLED PER DETAIL 40Q.
19. ALL WATER LINE DIMENSIONS SHOWN ARE TO CENTER OF PIPE OR FITTING; ALL SEWER LINE DIMENSIONS ARE SHOWN TO CENTER OF MANHOLE OR CENTER OF PIPE.
20. TESTING OF WATER AND SEWER LINES SHALL BE AT THE CONTRACTOR'S EXPENSE.
21. TOPS OF EXISTING MANHOLES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS.
22. TOPS OF PROPOSED MANHOLES SHALL BE FLUSH WITH FINISHED GRADES IN PAVED AREAS, OR 4" ABOVE FINISHED GRADES IN UNPAVED AREAS.
23. ALL UTILITIES UNDER PAVED AREAS SHALL RECEIVE CLASS 7 BASE BACKFILL FULL DEPTH.
24. EVERY PRECAUTION MUST BE TAKEN AGAINST THE POSSIBILITY OF SEWAGE CONTAMINATION OF THE WATER IN THE DISTRIBUTION SYSTEM. WATER MAINS AND SANITARY SEWERS SHALL BE CONSTRUCTED AS FAR APART AS PRACTICABLE, AND SHALL BE SEPARATED BY UNDISTURBED AND COMPACTED EARTH. A MINIMUM HORIZONTAL DISTANCE OF TEN FEET SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER LINES OR OTHER SOURCES OF CONTAMINATION. WATER LINES AND SEWER LINES SHALL NOT BE LAID IN THE SAME TRENCH. WATER MAINS NECESSARILY IN CLOSE PROXIMITY TO SEWERS MUST BE PLACED SO THAT THE BOTTOM OF THE WATER LINE WILL BE AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER LINE AT ITS HIGHEST POINT. IF THIS DISTANCE MUST UNAVOIDABLY BE REDUCED, THE WATER LINE OR THE SEWER LINE MUST BE ENCASED IN WATERTIGHT PIPE WITH SEALED WATERTIGHT ENDS EXTENDING AT LEAST TEN FEET EITHER SIDE OF THE CROSSING. ANY JOINT IN THE ENCASEMENT PIPE IS TO BE MECHANICALLY RESTRAINED. THE ENCASEMENT PIPE MAY BE VENTED TO THE SURFACE IF CARRYING WATER OR SEWAGE UNDER PRESSURE. WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH THE SEWER LINE, AT LEAST 18 INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT.
25. ALL EXISTING WATER, GAS AND / OR ELECTRICAL METERS AS NOTED TO BE ABANDONED AND / OR REMOVED PER THE DEMOLITION PLAN WITHIN THE PROJECT AREA ARE TO BE RETURNED TO THE APPROPRIATE AUTHORITY.
26. COORDINATION OF ALL CONDUIT PLACEMENT SHALL BE MADE WITH UTILITY PROVIDERS.
27. ALL WATER AND SEWER FORCE MAIN FITTINGS SHALL BE RESTRAINED THROUGH THE USE OF THRUST BLOCKING PER DETAIL 40A OR APPROVED EQUAL.
28. PROPOSED UTILITIES THAT ARE TO BE BURIED IN THE SAME TRENCH SHALL BE COORDINATED WITH, AND APPROVED BY, THE INVOLVED UTILITIES PRIOR TO INSTALLATION.
29. CONTRACTOR SHALL FIELD VERIFY DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED UTILITIES.
30. ALL PROPOSED UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOVERNING AGENCY.
31. CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND STAKING (UNLESS APPROVED OTHERWISE BY THE ENGINEER OF RECORD).



PROJECT TITLE

CONTENTS

REVISIONS

DATE

SHEET

DESCRIPTION

NO. DATE

23-069

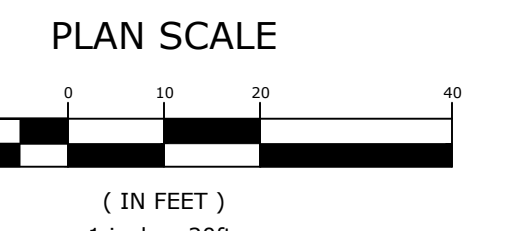
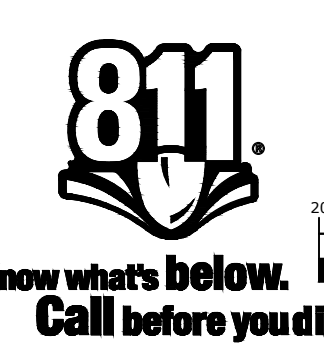
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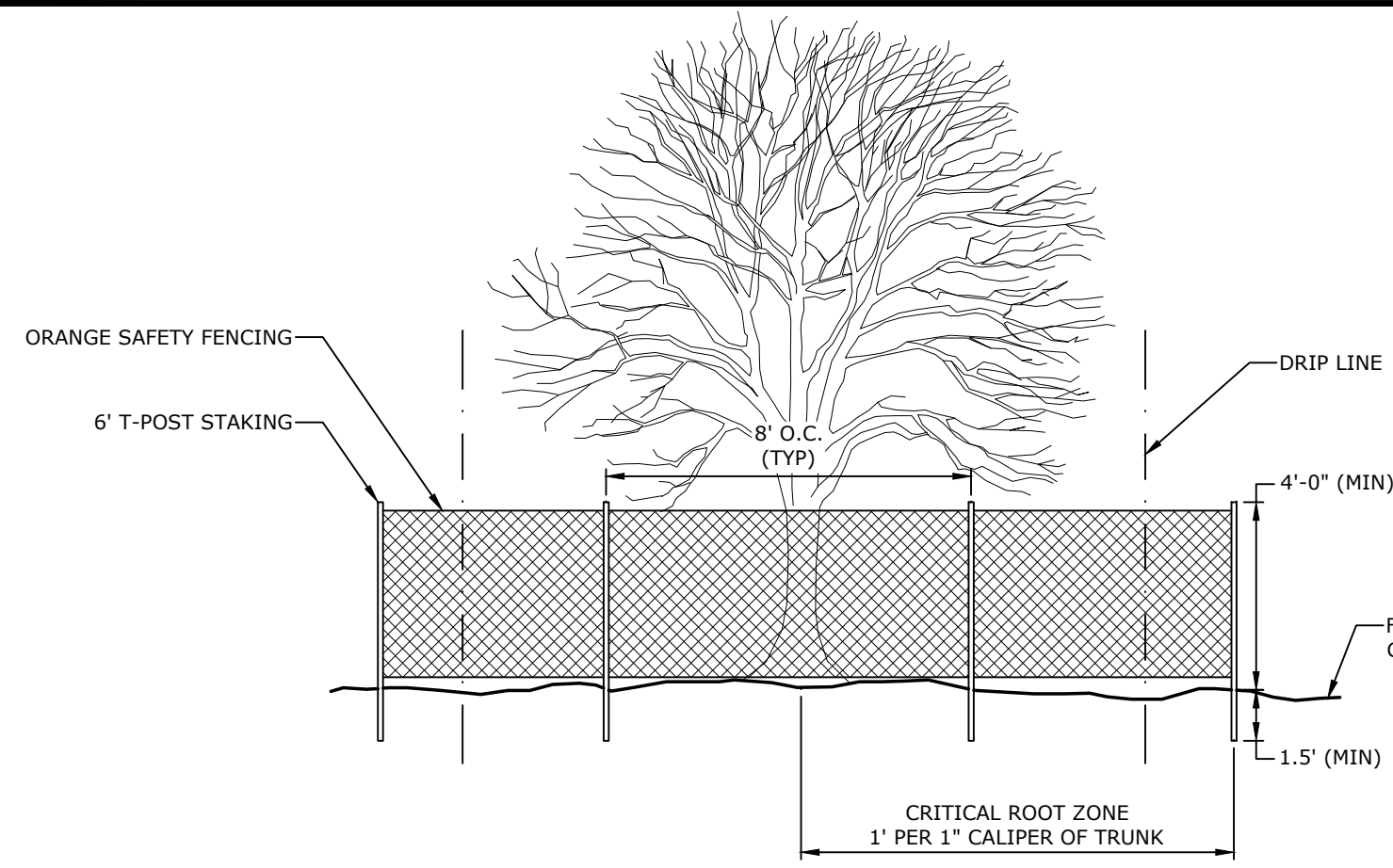
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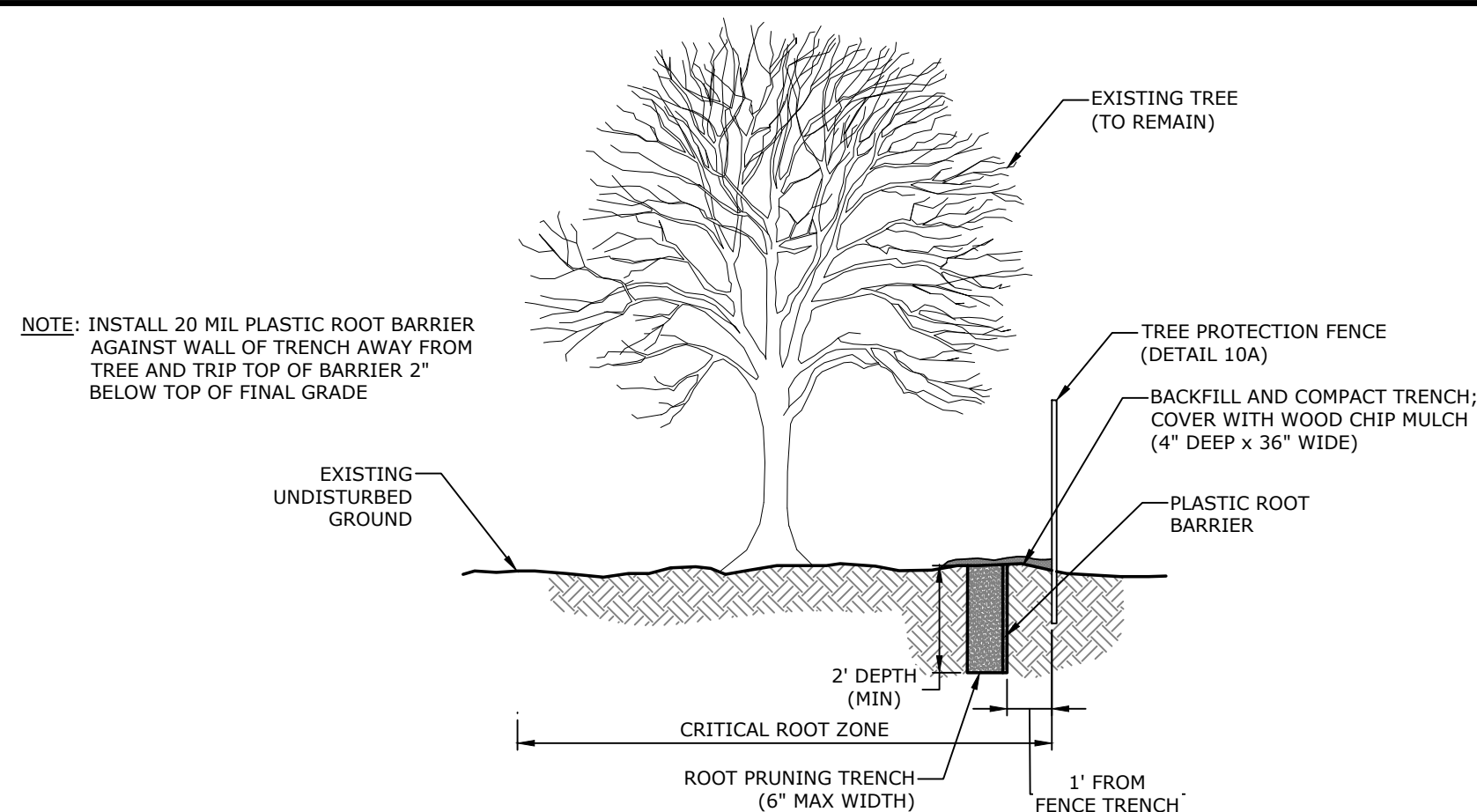
BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

UTILITY PLAN



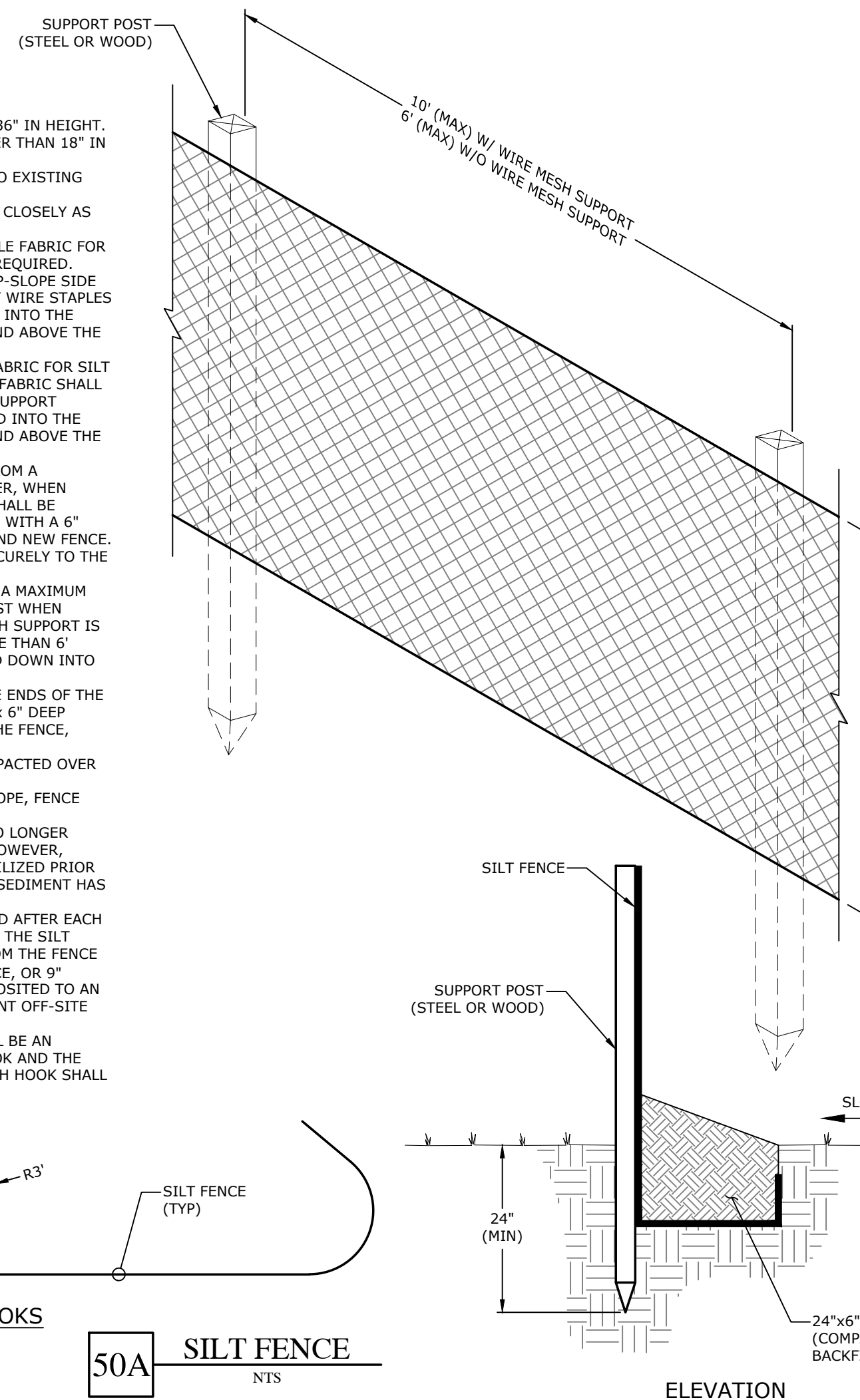


10A TREE PROTECTION FENCE
NTS

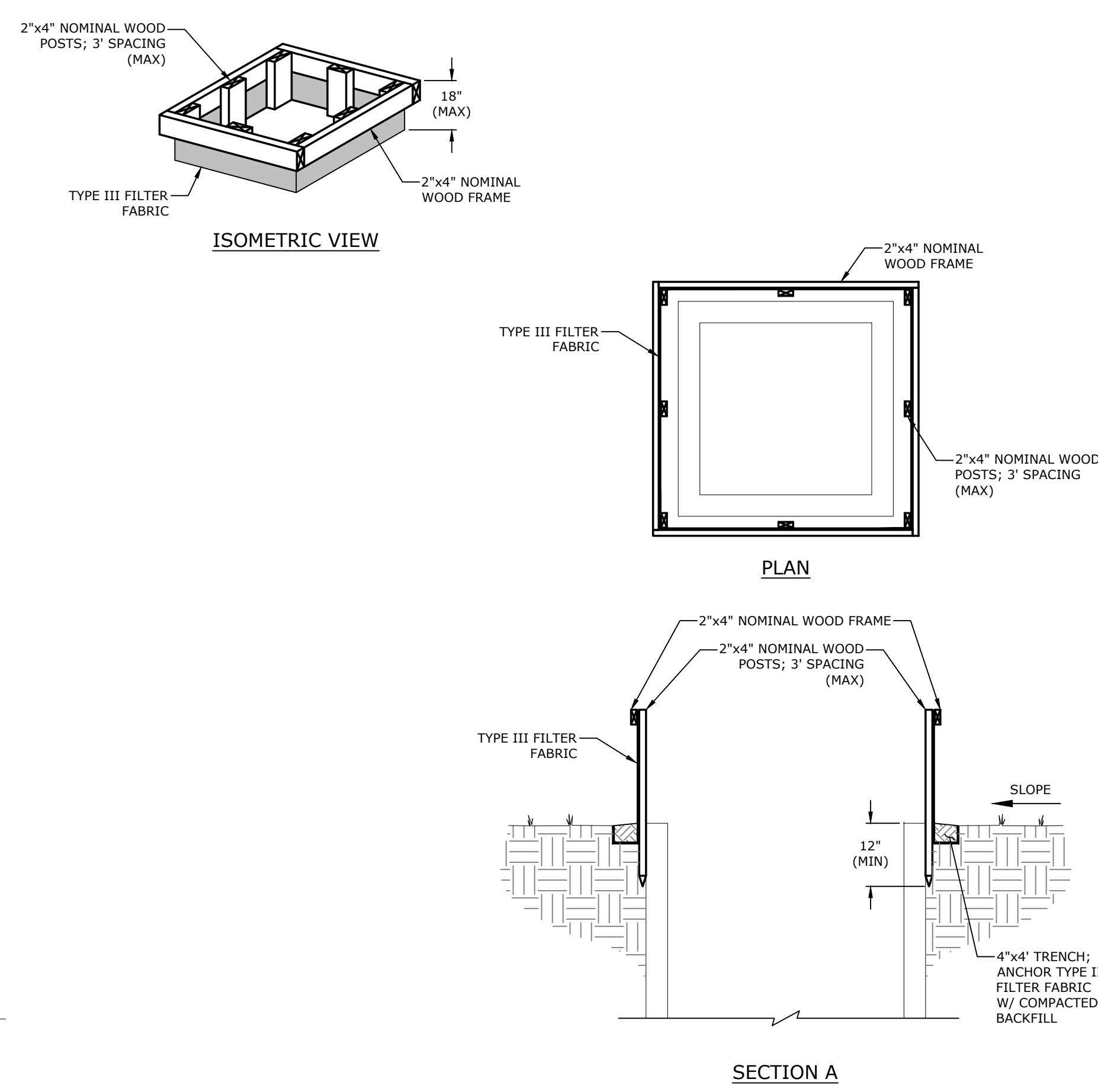


10B ROOT PRUNING
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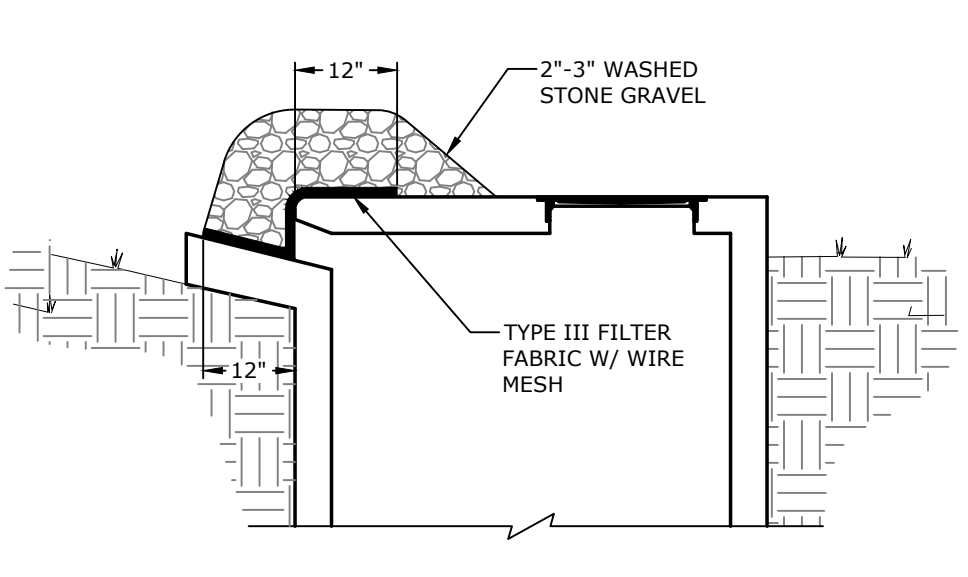
- NOTES:
1. THE SILT FENCE SHALL BE NO GREATER THAN 36" IN HEIGHT.
 2. THE SEDIMENT STORAGE SHALL BE NO GREATER THAN 18" IN HEIGHT.
 3. SILT FENCE SHALL NOT BE STAPLED OR TIED TO EXISTING TREES.
 4. SILT FENCE SHALL PARALLEL THE CONTOUR AS CLOSELY AS POSSIBLE.
 5. WHEN USING STANDARD STRENGTH GEOTEXTILE 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 SPICED 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.
 13. SILT FENCES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINSTORM EVENT FOR ANY DAMAGE DONE TO THE SILT FENCE. ALL SEDIMENT SHALL BE REMOVED FROM THE FENCE WHEN IT REACHES 3/4 THE HEIGHT OF THE FENCE OR 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 UP-SLOPE "J" HOOK AND THE BEGINNING OF THE DOWNSLOPE "J" HOOK. EACH HOOK SHALL HAVE A RADIUS OF 3" MIN.



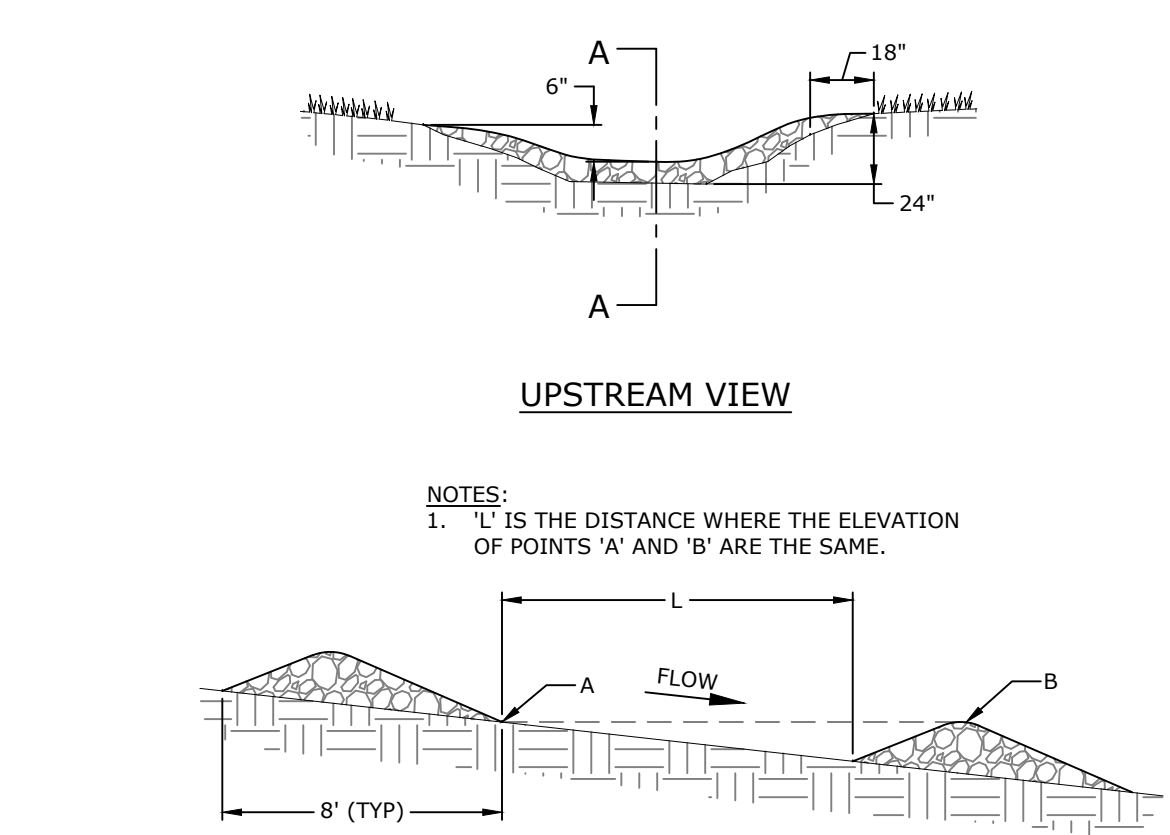
50A SILT FENCE
NTS



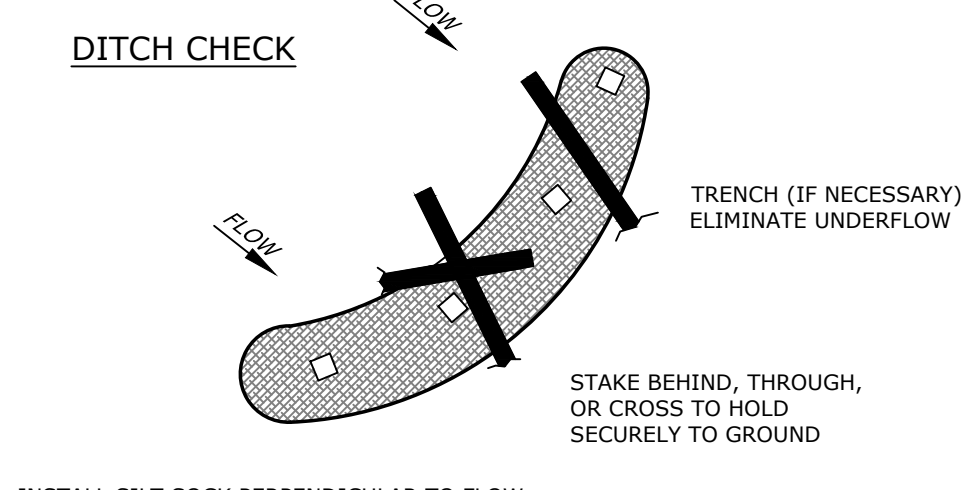
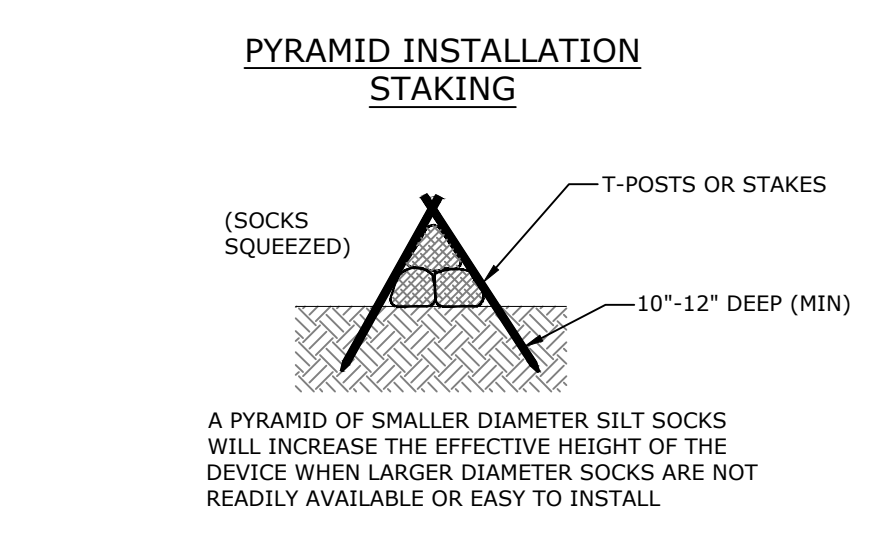
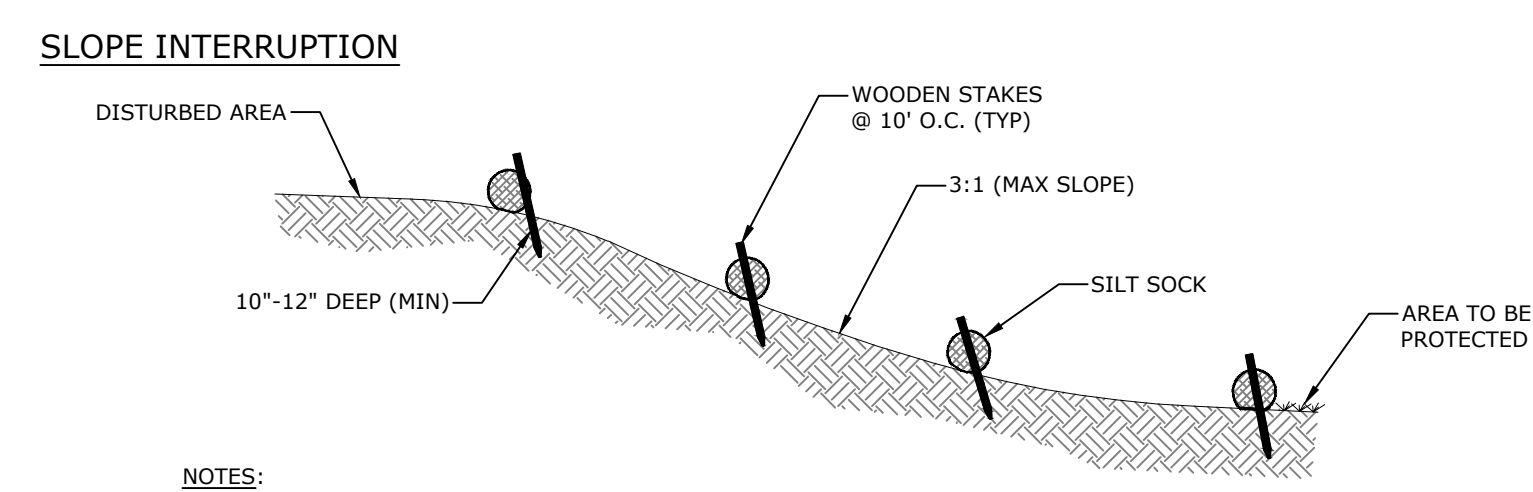
50D TEMPORARY GRADE INLET JUNCTION BOX, & OPEN LID SEDIMENT FILTER
NTS



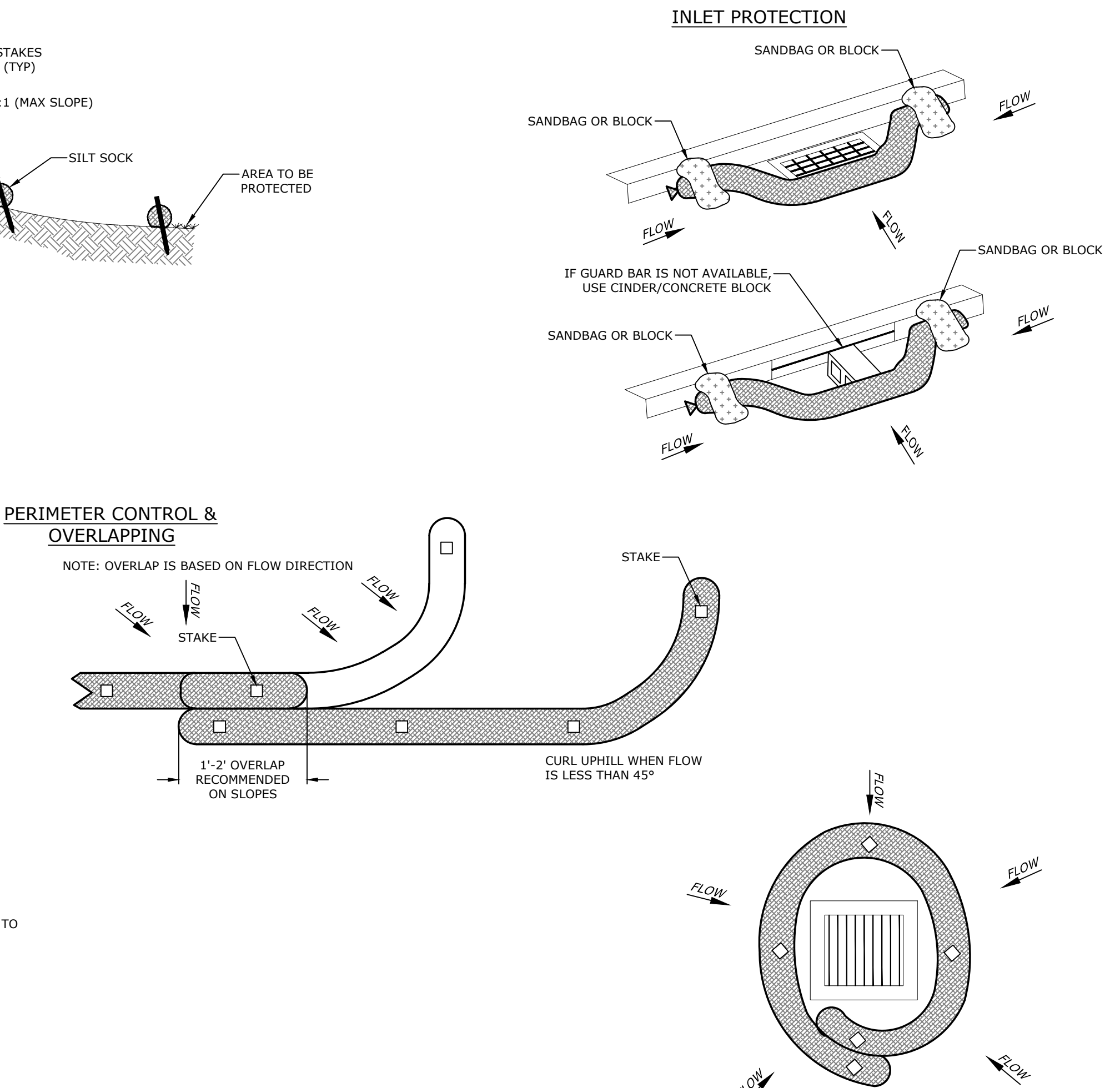
50C TEMPORARY CURB & AREA INLET SEDIMENT FILTER
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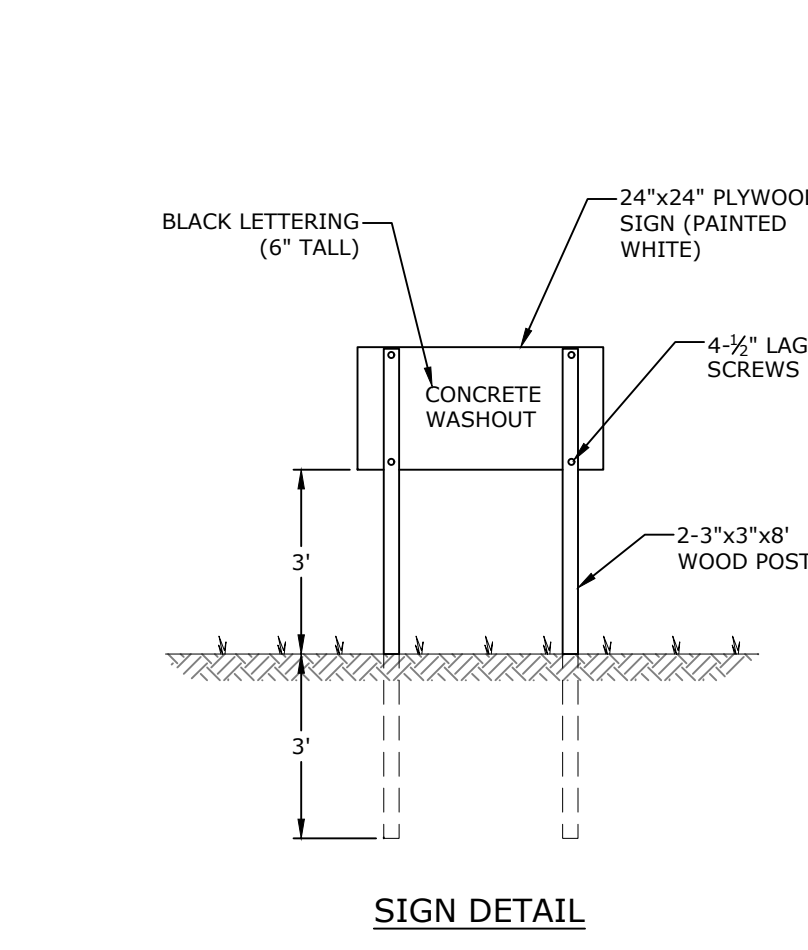
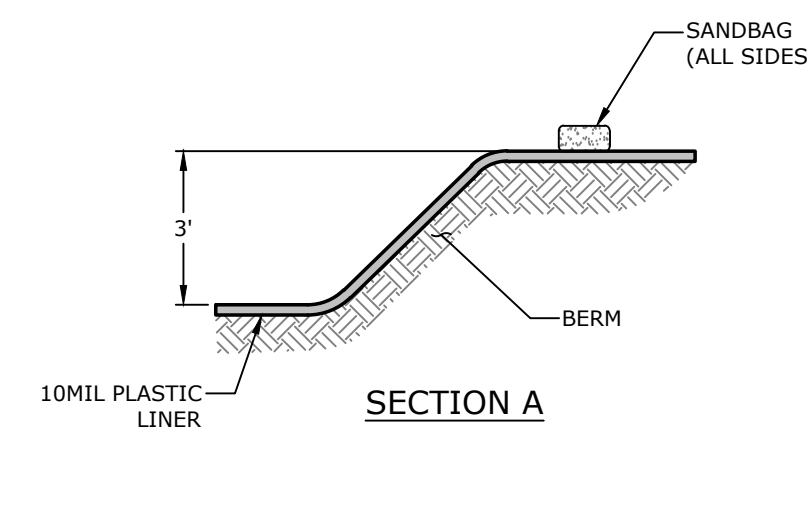
50J TEMPORARY ROCK CHECK DAM
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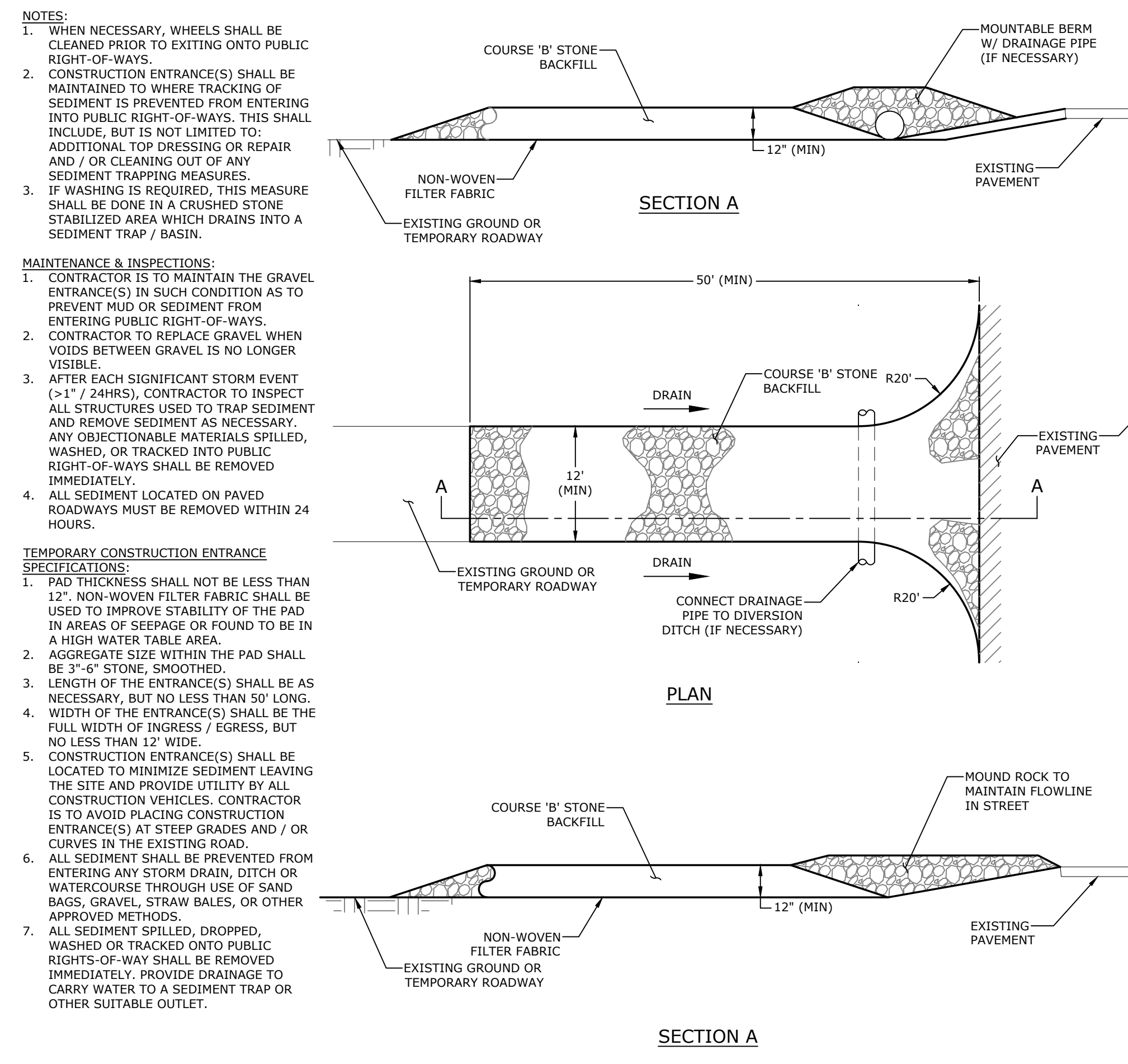
50G DITCH CHECK
NTS



50B SILT SOCK
NTS



50N SIGN DETAIL
NTS

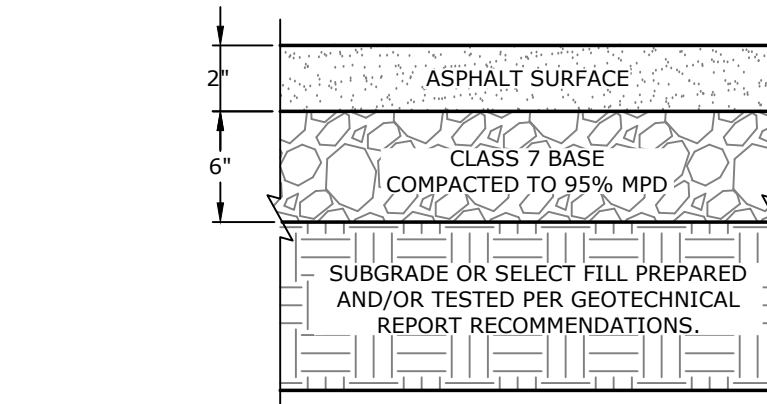


50P TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
NTS

- 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 FT 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.
 6. 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.

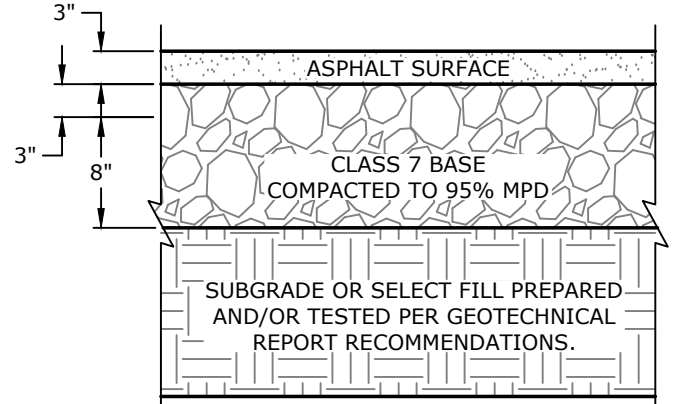
50N TEMPORARY CONCRETE WASHOUT
NTS

As noted on sheets 100 through 102 and 200 through 202 of the project drawings. See also sheets 100 through 102 of the project drawings.



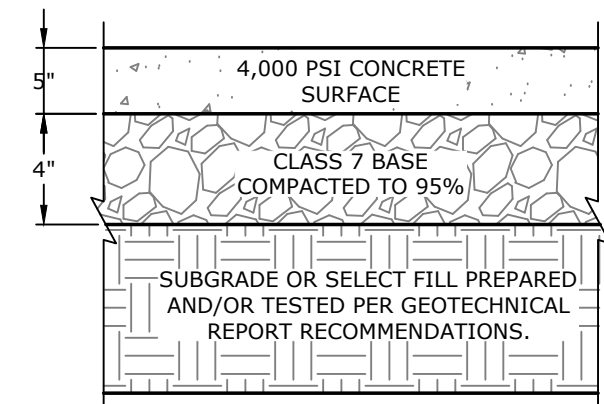
- NOTES:**
- MATERIALS TO BE COMPACTED AT OPTIMAL MOISTURE CONTENT BASED UPON GEOTECHNICAL RECOMMENDATIONS.
 - ACHM SURFACE COURSE SHALL ADHERE TO SECTION 407, TABLE 407-1 (TYPE II), AHTD STANDARD SPECIFICATIONS, 1996 EDITION.
 - BASE COURSE SHALL ADHERE TO SECTION 303, AHTD STANDARD SPECIFICATIONS, 2014 EDITION.
 - REFER TO GEOTECHNICAL REPORT PROJECT NO. [LR 240081] PREPARED BY [BUILDING AND EARTH SCIENCES, INC.] DATED [MAY 30, 2024].

21A STANDARD DUTY ASPHALT PAVING
NTS



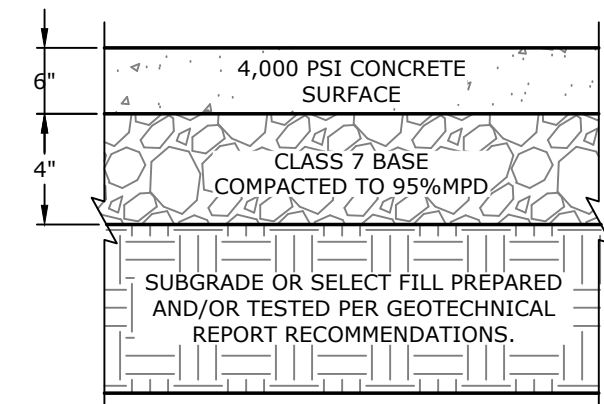
- NOTES:**
- MATERIALS TO BE COMPACTED AT OPTIMAL MOISTURE CONTENT BASED UPON GEOTECHNICAL RECOMMENDATIONS.
 - ACHM SURFACE COURSE SHALL ADHERE TO SECTION 407, TABLE 407-1 (TYPE II), AHTD STANDARD SPECIFICATIONS, 1996 EDITION.
 - ACHM BINDER COURSE SHALL ADHERE TO SECTION 406, TABLE 406-1 (TYPE II), AHTD STANDARD SPECIFICATIONS, 1996 EDITION.
 - BASE COURSE SHALL ADHERE TO SECTION 303, AHTD STANDARD SPECIFICATIONS, 2014 EDITION.
 - REFER TO GEOTECHNICAL REPORT PROJECT NO. [LR 240081] PREPARED BY [BUILDING AND EARTH SCIENCES, INC.] DATED [MAY 30, 2024].

21B HEAVY DUTY ASPHALT PAVING
NTS



- NOTES:**
- MATERIALS TO BE COMPACTED AT OPTIMAL MOISTURE CONTENT BASED UPON GEOTECHNICAL RECOMMENDATIONS.
 - BASE COURSE SHALL ADHERE TO SECTION 303, AHTD STANDARD SPECIFICATIONS, 2014 EDITION.
 - REFER TO GEOTECHNICAL REPORT PROJECT NO. [LR 240081] PREPARED BY [BUILDING AND EARTH SCIENCES, INC.] DATED [MAY 30, 2024].

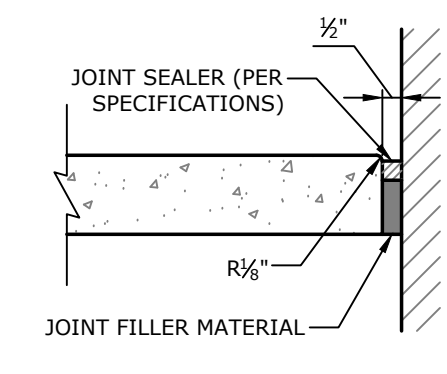
21C STANDARD DUTY CONCRETE PAVING
NTS



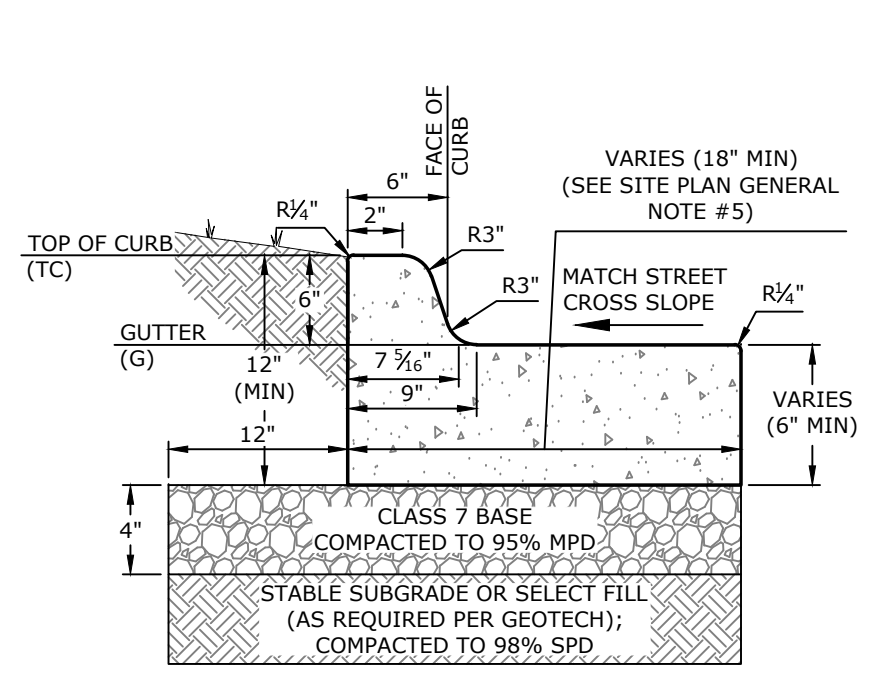
- NOTES:**
- MATERIALS TO BE COMPACTED AT OPTIMAL MOISTURE CONTENT BASED UPON GEOTECHNICAL RECOMMENDATIONS.
 - BASE COURSE SHALL ADHERE TO SECTION 303, AHTD STANDARD SPECIFICATIONS, 2014 EDITION.
 - REFER TO GEOTECHNICAL REPORT PROJECT NO. [LR 240081] PREPARED BY [BUILDING AND EARTH SCIENCES, INC.] DATED [MAY 30, 2024].

21D HEAVY DUTY CONCRETE PAVING
NTS

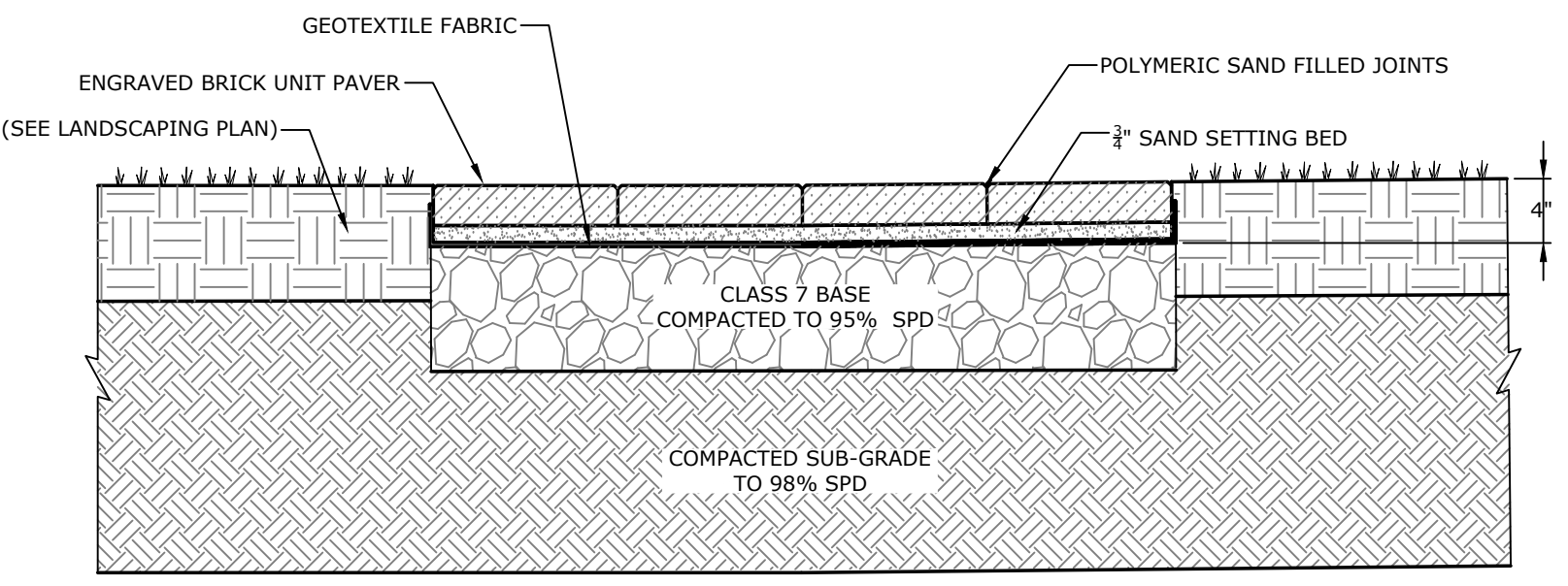
- NOTES:**
- CONCRETE FOR CURB AND GUTTER TO HAVE A COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS (MIN).
 - ALL CURB AND GUTTER SHALL HAVE A BROOMED FINISH UNLESS OTHERWISE SPECIFIED.
 - SAW CUT JOINTS AT 15' O.C. SEAL WITH ONE PART COLD APPLIED SILICONE JOINT SEALER OR OTHER APPROVED SEALANT. ALL JOINTS TO BE SEALED PRIOR TO FINAL ASPHALT PLACEMENT.
 - PROVIDE 1/2" PREFORMED ISOLATION JOINT MATERIAL (ASPHALT IMPREGNATED FIBERBOARD OR OTHER APPROVED MATERIAL) AT STATIONARY STRUCTURES, (DROP INLETS, END OF CURBS, DRIVEWAYS - SEE DETAIL) OR AS DIRECTED BY ENGINEER. WHEN CURB / GUTTER IS USED IN ROADWAY OR DRIVEWAY, 1/2" BASE BEHIND CURB SHALL BE REQUIRED. WHEN CURB / GUTTER IS USED IN PARKING LOTS, 1/2" BASE BEHIND CURB NOT REQUIRED - UNLESS 5:1 OR STEEPER SLOPE AWAY FROM BACK OF CURB IS PRESENT.



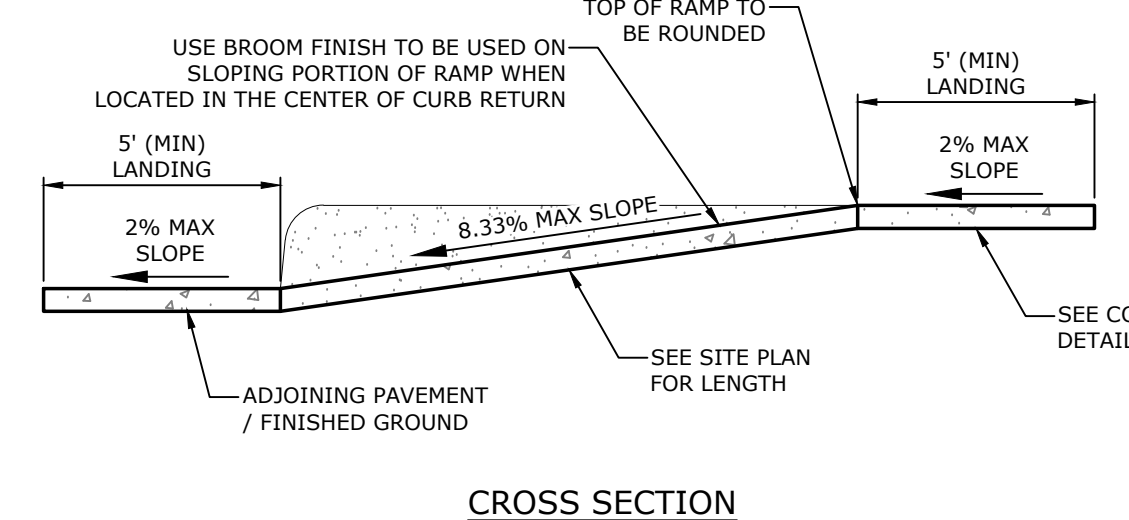
ISOLATION JOINT



20A TYPE 'A' STANDARD CONCRETE CURB & GUTTER
NTS



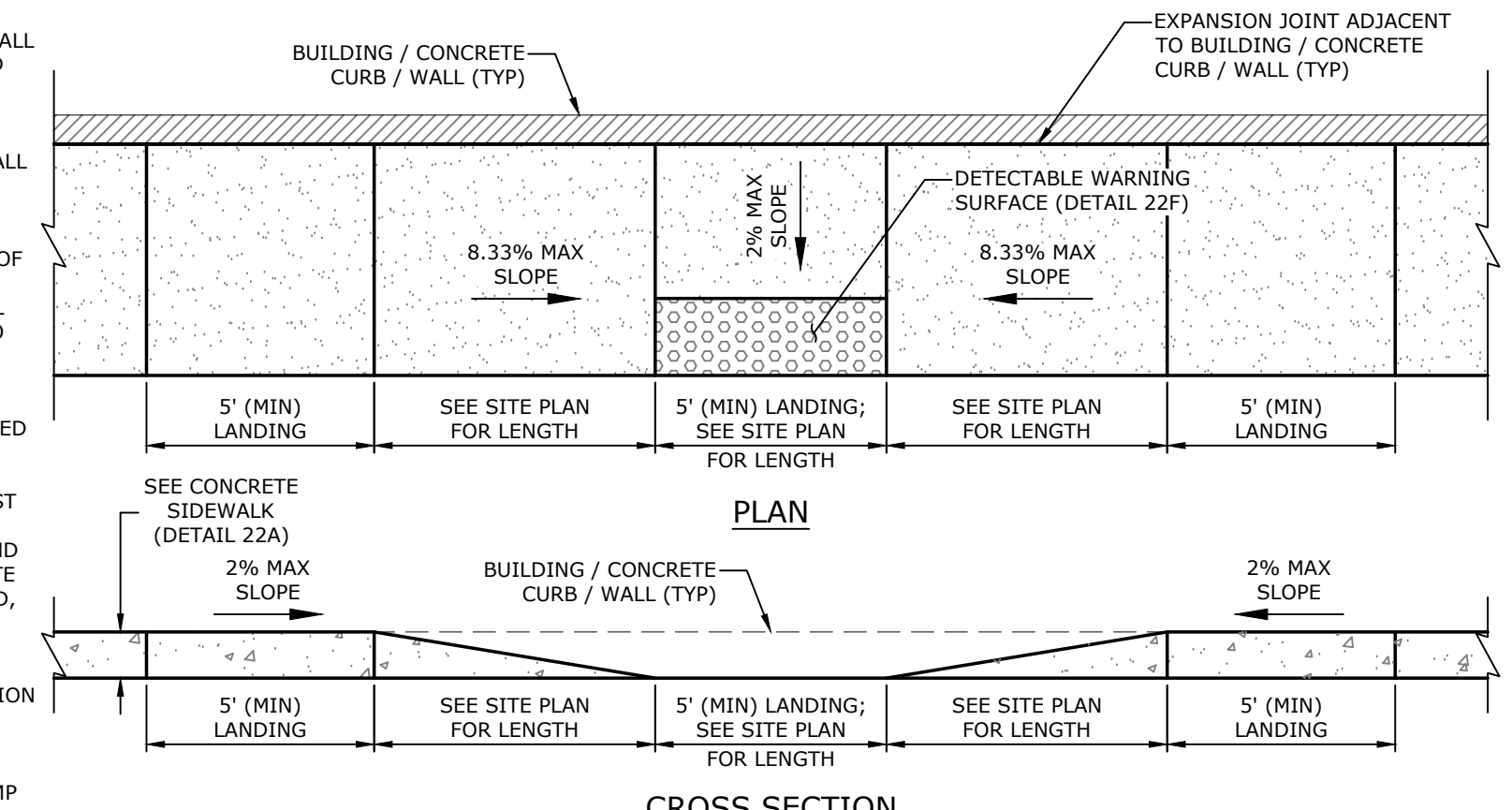
21J BRICK PAVER
NTS



CROSS SECTION

- NOTES:**
- THE SURFACE OF THE RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
 - THE BOTTOM OF THE RAMP SHALL BE FLUSH TO ADJOINING PAVEMENT AND HAVE NO LIP.
 - RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 8.33% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
 - CONSTRUCT PER A.D.A. STANDARDS.
 - CURING COMPOUND IS REQUIRED UNLESS TEMPERATURES STAY BELOW 50° FAHRENHEIT FOR 7 DAYS. CURING COMPOUND MUST BE COLORED WHITE, RED, OR PINK. CLEAR CURING COMPOUND IS UNACCEPTABLE. IF CONCRETE IS NOT CURED WHEN REQUIRED, IT WILL BE CONSIDERED GROUNDS FOR REMOVAL AND REPLACEMENT.
 - THE PLAN VIEW & CROSS SECTION SHOWN ON THIS DETAIL IS SCHEMATIC IN NATURE; CONTRACTOR SHALL REFER TO GRADING PLAN FOR EXACT RAMP CONFIGURATION(S).

22C PEDESTRIAN RAMP (PERPENDICULAR)
NTS

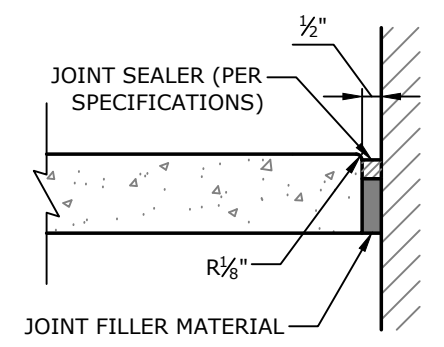


CROSS SECTION

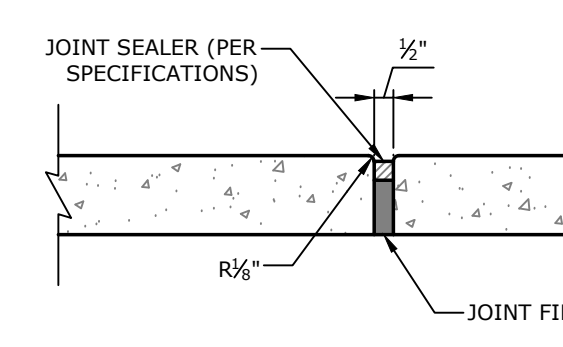
- NOTES:**
- THE SURFACE OF THE RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
 - THE BOTTOM OF THE RAMP SHALL BE FLUSH TO ADJOINING PAVEMENT AND HAVE NO LIP.
 - RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 8.33% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
 - CONSTRUCT PER A.D.A. STANDARDS.
 - CURING COMPOUND IS REQUIRED UNLESS TEMPERATURES STAY BELOW 50° FAHRENHEIT FOR 7 DAYS. CURING COMPOUND MUST BE COLORED WHITE, RED, OR PINK. CLEAR CURING COMPOUND IS UNACCEPTABLE. IF CONCRETE IS NOT CURED WHEN REQUIRED, IT WILL BE CONSIDERED GROUNDS FOR REMOVAL AND REPLACEMENT.
 - THE PLAN VIEW & CROSS SECTION SHOWN ON THIS DETAIL IS SCHEMATIC IN NATURE; CONTRACTOR SHALL REFER TO GRADING PLAN FOR EXACT RAMP CONFIGURATION(S).

22E PEDESTRIAN RAMP (PARALLEL)
NTS

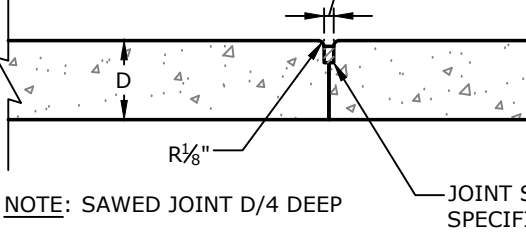
- NOTES:**
- CONCRETE FOR SIDEWALK SHALL HAVE A COMPRESSIVE STRENGTH OF 3,500 PSI AT 28 DAYS (MIN).
 - ALL SIDEWALKS SHALL HAVE A BROOMED FINISH UNLESS OTHERWISE SPECIFIED.
 - ALL JOINTING TO BE LOCATED PER SIDEWALK JOINTING TABLE.
 - ALL CONTROL JOINTING TO BE SAWCUT OR TOOLED JOINTED PER SIDEWALK JOINTING.
 - CURING COMPOUND IS REQUIRED UNLESS TEMPERATURES STAY BELOW 50° FAHRENHEIT FOR 7 DAYS. CURING COMPOUND MUST BE COLORED WHITE, RED, OR PINK. CLEAR CURING COMPOUND IS UNACCEPTABLE. IF CONCRETE IS NOT CURED WHEN REQUIRED, IT WILL BE CONSIDERED GROUNDS FOR REMOVAL AND REPLACEMENT.



ISOLATION JOINT

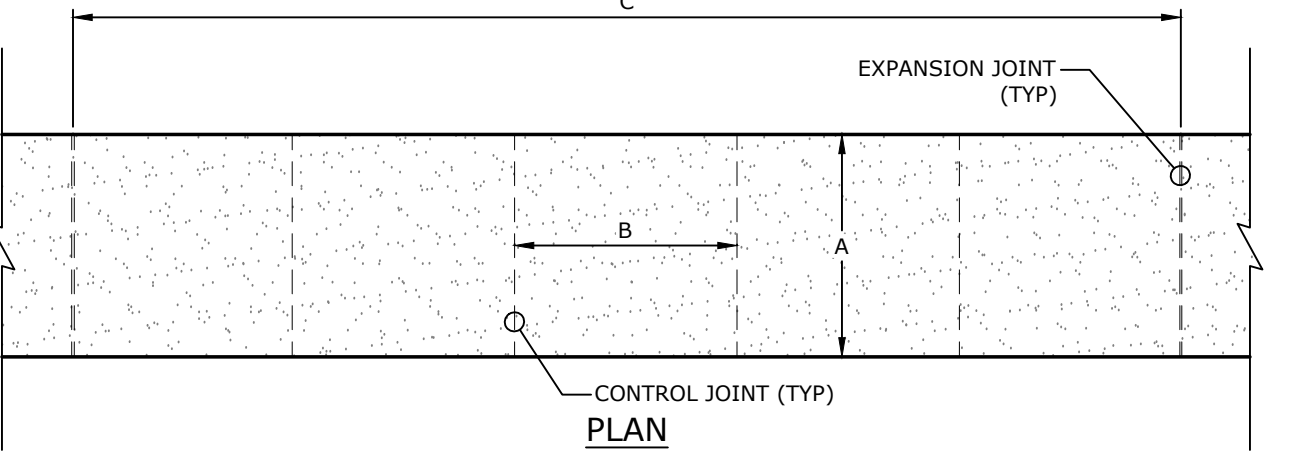


EXPANSION JOINT

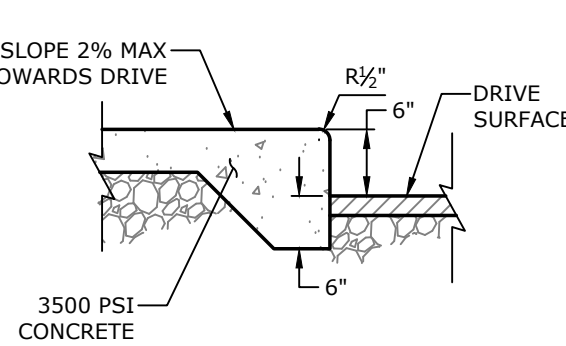


CONTROL JOINT (LONGITUDINAL OR TRANSVERSE)

SIDEWALK JOINTING TABLE	
A	SEE SITE PLAN
B	A
C	Bx5

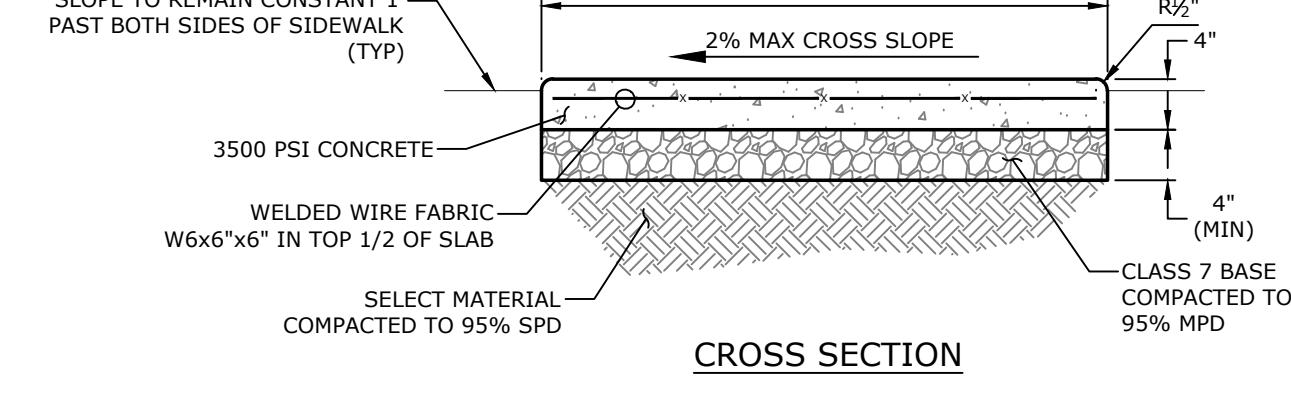


PLAN



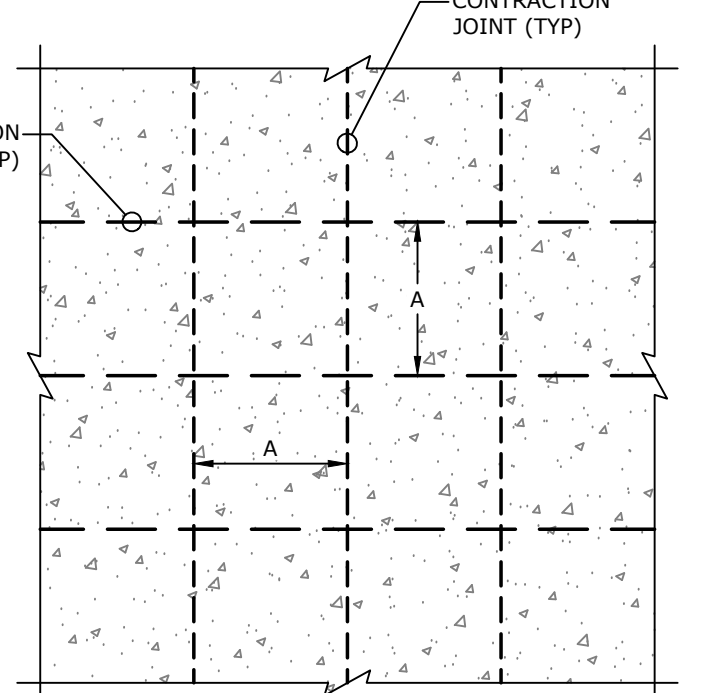
SIDEWALK ADJACENT TO DRIVE SURFACES

22A CONCRETE SIDEWALK
NTS



CROSS SECTION

- NOTES:**
- DOWELS SHALL BE FULLY SHOP PAINTED WITH ONE COAT OF CORROSION INHIBITING PRIMER CONFORMING TO FEDERAL SPEC. TT-P-664D.
 - DOWELS SHALL BE SOLID SMOOTH STEEL BARS.
 - PRIOR TO INSTALLATION IN CONSTRUCTION JOINTS, DOWELS SHALL BE LIGHTLY GREASED WITH A THIN COAT OF HIGH MELTING POINT GREASE (OR APPROVED EQUAL) AS INDICATED. IN THE CONSTRUCTION JOINTS, ONLY THE FREE END SHALL BE GREASED, AND ONLY AFTER INSERTION AND GROUTING INTO PLACE.
 - ALL CONSTRUCTION JOINT DOWELS SHALL BE GANG-DRILLED AND EPOXY GROUTED. INSERTION EQUIPMENT WILL NOT BE ALLOWED.
 - DRILLING METHOD FOR DOWELS SHALL BE CAPABLE OF MAINTAINING DRILL HOLES PARALLEL TO THE CONCRETE SURFACE AND NORMAL TO THE JOINT LINES. DRILL HOLES SHALL BE ACCURATELY LAID OUT SO THAT THE MAXIMUM HORIZONTAL DEVIATION DOES NOT EXCEED 1". DRILL HOLE DIAMETER TO BE OF SUFFICIENT SIZE TO ACCEPT THE TYPE AND SIZE OF DOWEL REQUIRED.
 - AFTER DRILLING IS COMPLETE AND PRIOR TO THE INSTALLATION OF THE DOWELS, THE HOLES SHALL BE THOROUGHLY CLEANED TO REMOVE DRILLING DUST, CONCRETE CHIPS, AND / OR ANY OTHER MATERIAL DETRIMENTAL TO DEVELOPING BOND.
 - EPOXY GROUT SHALL BE INJECTED UNIFORMLY INTO THE DOWEL HOLE (CONTRACTOR SHALL NOT DIP AND INSERT DOWEL) AND SUFFICIENT MATERIAL SHALL BE PLACED IN THE HOLE SO THAT A SLIGHT AMOUNT WILL BE FORCED OUT FROM AROUND THE DOWEL WHEN THE DOWEL IS INSERTED AND TAPPED TO THE CORRECT POSITION (SMALL WEDGES MAY BE USED TO SUPPORT THE DOWEL IN CORRECT ALIGNMENT UNTIL THE MATERIAL HARDENS). THE TOLERANCE FOR DOWEL ALIGNMENT IN EITHER THE HORIZONTAL OR VERTICAL PLANE IS 1/16" PER 1' OF DOWEL BAR.
 - ALL LONGITUDINAL AND TRANSVERSE CONSTRUCTION JOINT TIE BARS AND DOWELS SHALL BE INSTALLED USING AN ENGINEER-APPROVED WELDED BASKET ASSEMBLY ANCHORED TO THE BASE WITH A MINIMUM OF 4 GALVANIZED STRAPS AND NAILS (PER ASSEMBLY); POSITION ANCHOR STRAPS ON ALTERNATING SIDES OF THE BASKET ASSEMBLY.
 - A TRANSVERSE CONSTRUCTION JOINT SHALL BE INSTALLED AT A PLANNED JOINT WHEN PAVING OPERATIONS ARE INTERRUPTED FOR MORE THAN 30 MINUTES. IF THE INTERRUPTION OCCURS BETWEEN PLANNED JOINTS, THE FRESH CONCRETE SHALL BE REMOVED BACK TO THE PREVIOUSLY INSTALLED JOINT. UNLESS OTHERWISE APPROVED, NO JOINTS WILL BE ALLOWED BETWEEN THE JOINTS SHOWN ON THE JOINTING PLAN.
 - EDGES OF CONCRETE SLABS SHALL BE COVERED WITH AN APPROVED CURING MATERIAL AT THE SAME TIME AS THE SURFACE IS CURING. AT FORMED LOCATIONS, SLAB SIDES SHALL BE CURED WHEN FORMS ARE REMOVED.
 - IN THICKENED EDGE AREAS WHERE DOWELS OR REINFORCING STEEL IS REQUIRED, PROVIDE ADDITIONAL SUPPORT (AS APPROVED BY THE ENGINEER) TO MAINTAIN THE SAME DEPTH FROM THE SURFACE AS FOR TYPICAL 6" CONCRETE PAVEMENT.
 - CONCRETE IN REINFORCED PANELS SHALL BE PLACED IN ONE COURSE. ALL WELDED WIRE FABRIC (WWF) SHALL BE INSTALLED USING ENGINEER APPROVED CHAIRS ANCHORED TO THE CRUSHED AGGREGATE BASE COURSE (3" ON CENTER MAX). THE WWF SHALL RETAIN ITS SPECIFIED POSITION DURING CONCRETE PLACEMENT. WWF VIBRATED DOWN FROM THE TOP AFTER CONCRETE IS PLACED WILL NOT BE ALLOWED.
 - SEALANT RESERVOIR SHAPE FACTOR ('W & D'), SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS.
 - ALL JOINT SEALANT RESERVOIRS SHOWN ON THIS SHEET SHALL BE VERIFIED BY THE SEALANT MANUFACTURER PRIOR TO CONSTRUCTION (REFER TO SECTION P-605 OF THE SPECIFICATIONS FOR FURTHER INFORMATION).
 - THE PRE-FORMED JOINT SEAL IN CONSTRUCTION JOINTS SHALL BE INSTALLED IN ONE CONTINUOUS PIECE ACROSS THE PAVEMENT. THE CONSTRUCTION JOINT SEALANT SHALL BE INTERRUPTED AT EVERY TRANSVERSE JOINT.
 - ALL WORK AND MATERIALS REQUIRED FOR JOINTS IS INCIDENTAL TO PAVEMENT PAY ITEMS.
 - THE CONTRACTOR HAS THE OPTION TO POUR A MONOLITHIC SLAB IN WHICH ALL JOINTS WILL BE CONSTRUCTION JOINTS.

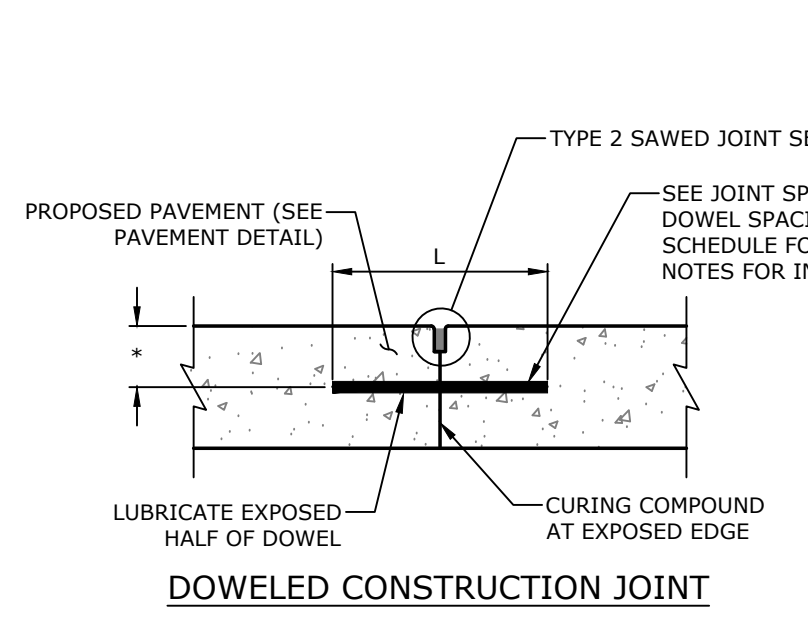


TYPICAL JOINT SPACING

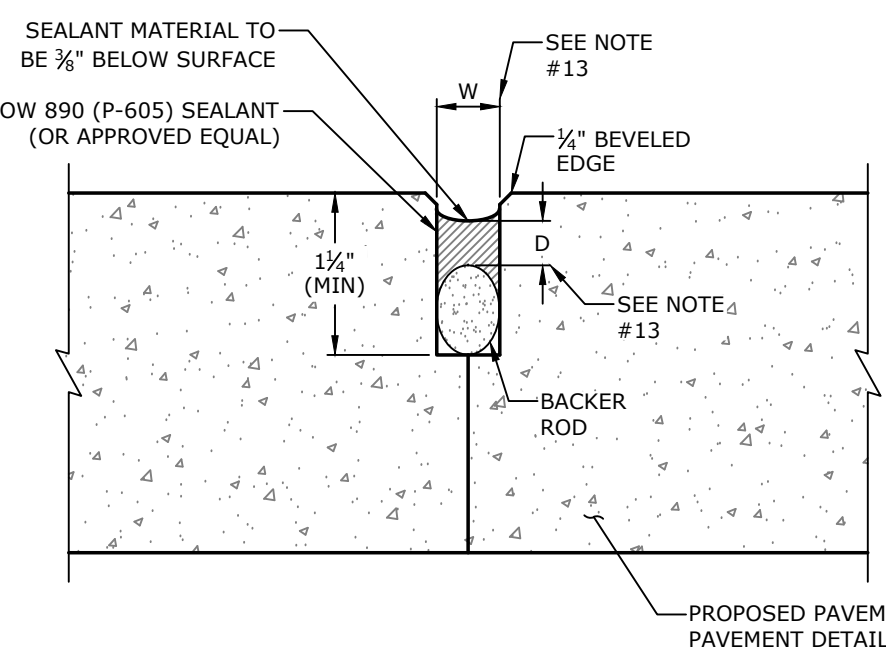
JOINT SPACING SCHEDULE		
PAVEMENT THICKNESS 'D'	'A'	'B'
≤ 3.5"	8'-6"	
4" - 4.5"	10'	
5" - 5.5"	12'-6"	
6" OR GREATER	15'	

DOWEL SIZE SCHEDULE*			
PAVEMENT THICKNESS 'D'	SIZE OF DOWEL 'W'	DOWEL EMBEDMENT 'L'	DOWEL LENGTH 'L'
≤ 5"	3/8"	5"	12"
6" - 8"	1/2"	6"	14"
9"	5/8"	7"	16"

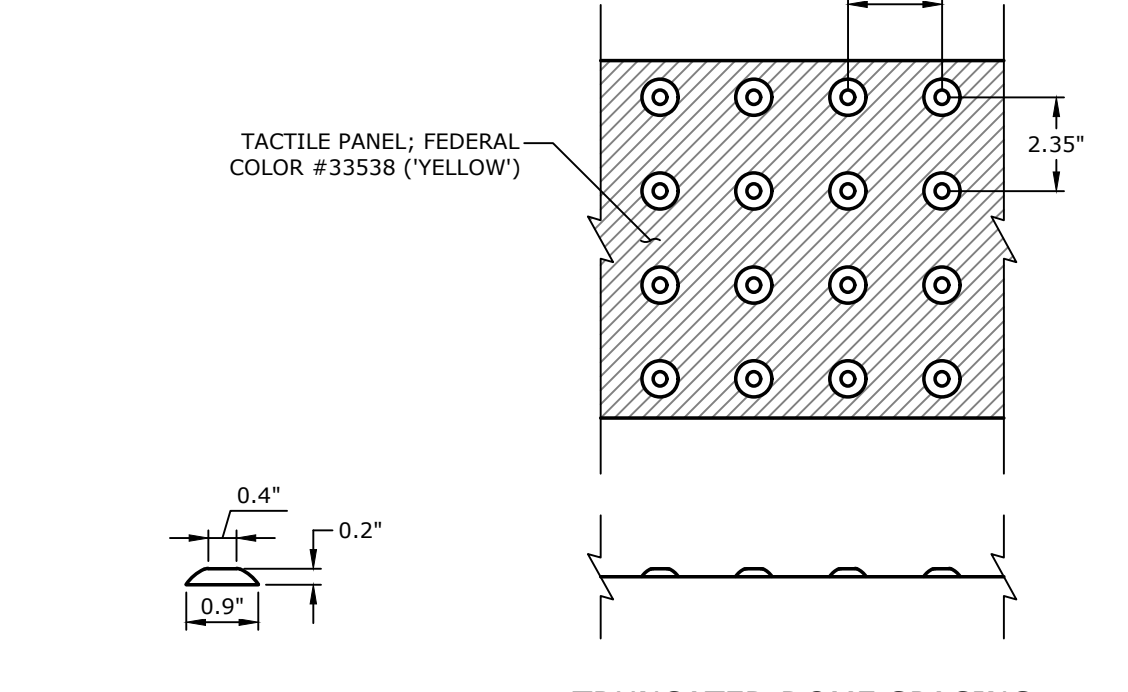
*DOWELS TO BE SPACED AT 18" O.C. (UNLESS OTHERWISE NOTED) IF NO REBAR IS USED.



DOWELED CONSTRUCTION JOINT



SAWED CONSTRUCTION JOINT SEAL - TYPE 2



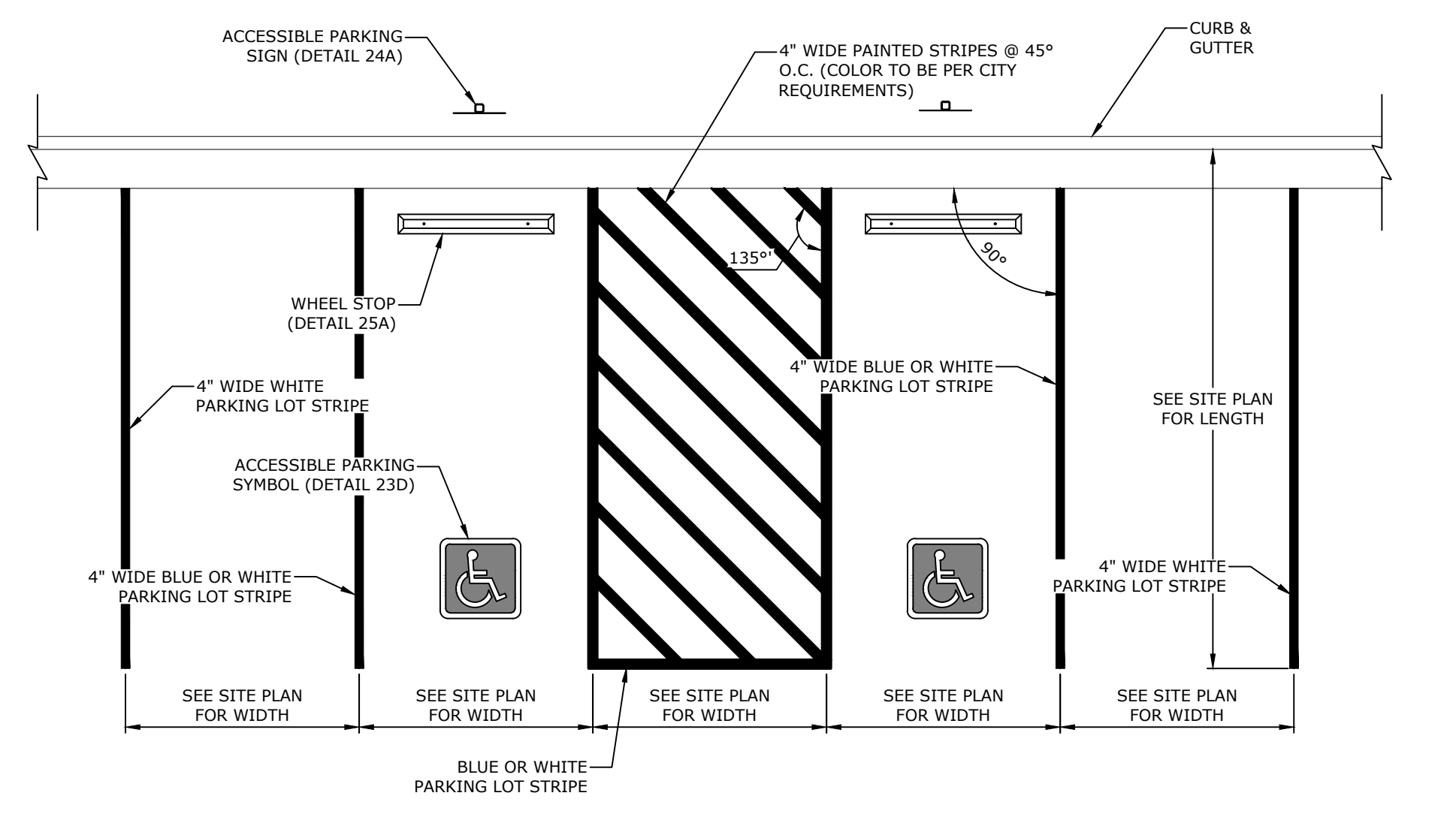
TRUNCATED DOME SECTION



TRUNCATED DOME SPACING

- NOTES:**
- THE DETECTABLE WARNING DEVICE SHALL BE LOCATED SO THAT THE NEAREST EDGE OF THE DEVICE IS LOCATED AT THE BACK OF CURB.
 - TRUNCATED DOMES SHALL HAVE A DIAMETER OF 0.9 INCH AT THE BOTTOM, A DIAMETER OF 0.4 INCH AT THE TOP, A HEIGHT OF 0.2 INCH, AND A CENTER-TO-CENTER SPACING OF 2.35 INCHES MEASURED ALONG ONE SIDE OF A SQUARE ARRANGEMENT.
 - DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES.
 - DETECTABLE WARNING DEVICE SHALL BE 24 INCHES IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE. (MIN 4')
 - THE CAST-IN-PLACE TACTILE PANELS SHALL BE MANUFACTURED USING VITRIFIED POLYMER COMPOSITE MATERIAL. THE PANELS SHALL BE SET INTO WET CONCRETE.

22F DETECTABLE WARNING SURFACE
NTS

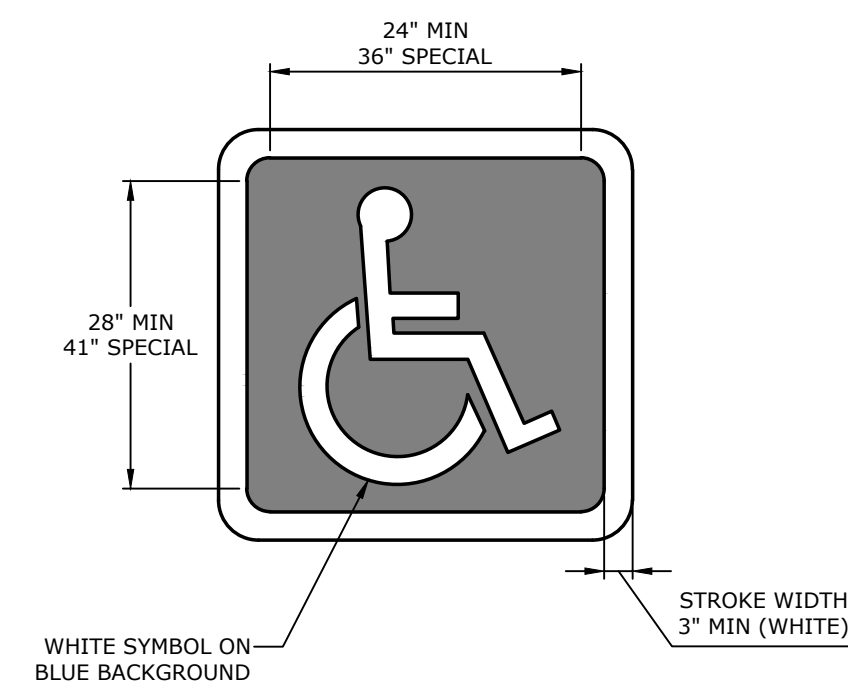


- NOTES:**
- REFER TO SITE PLAN FOR SPECIFIC LAYOUT OF STRIPING.
 - ALL STRIPING MEASUREMENTS ARE TO CENTER OF STRIPE.

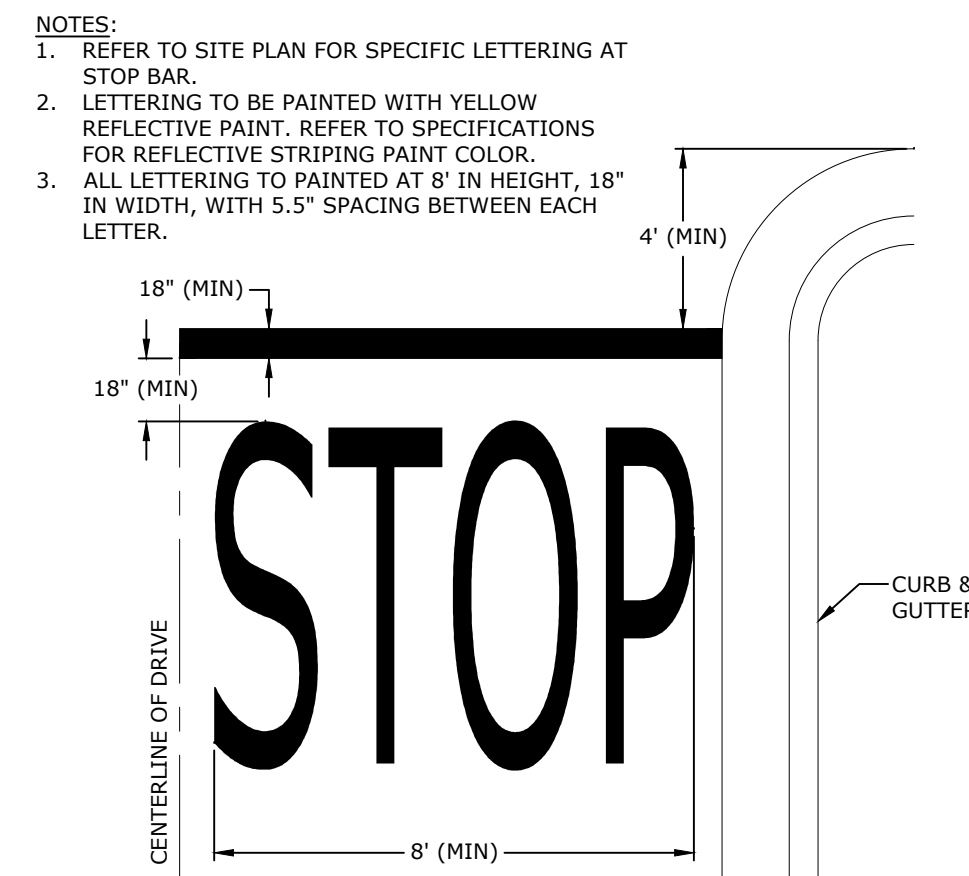
23A 90° PARKING / ADA ACCESSIBLE PARKING SPACE STRIPING
NTS

21H CONCRETE PAVEMENT DOWEL & JOINTING
NTS

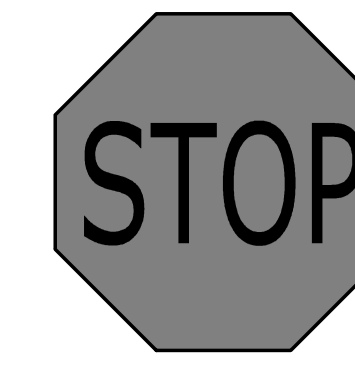
NO.	DATE	DESCRIPTION
23-069		JOB NO.
202411129		DATE
		PACKAGE NO. 2



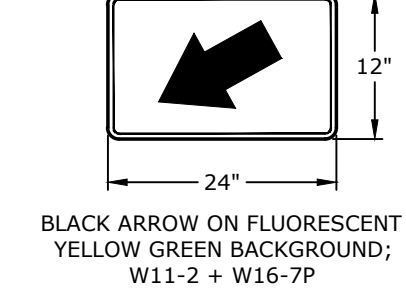
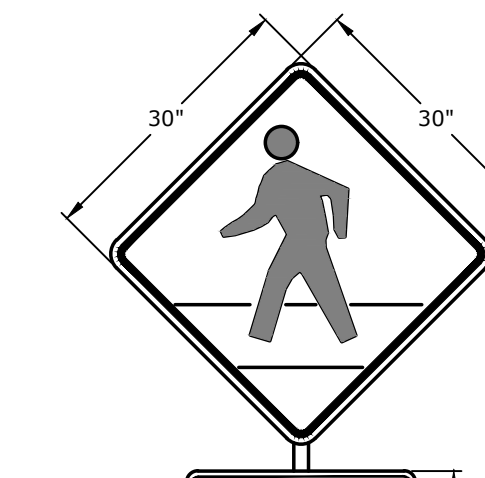
23D ACCESSIBLE PARKING SYMBOL
NTS



23E STOP BAR
NTS

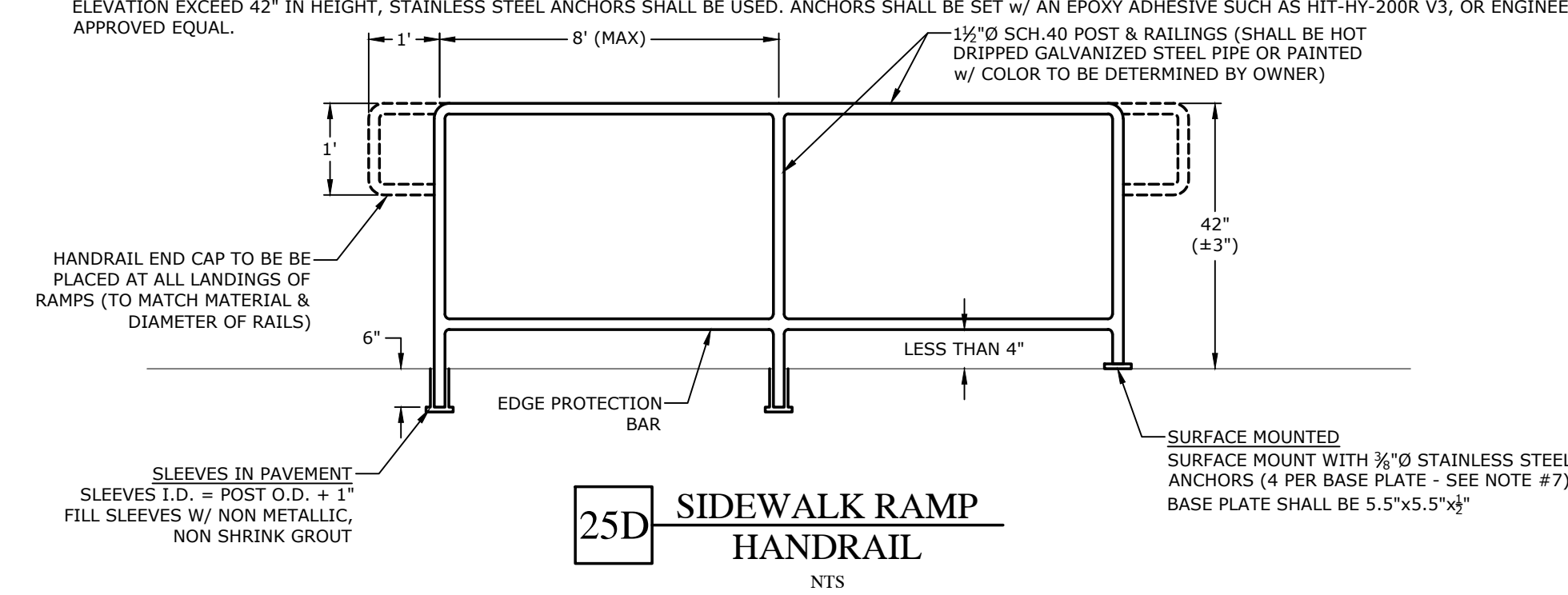


24D 'STOP' SIGN
NTS



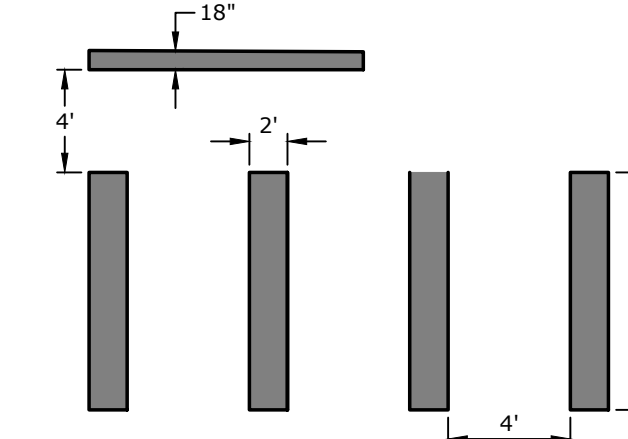
24K 'PEDESTRIAN CROSSING' SIGN
NTS

- NOTES:**
- HANDRAIL DIRECTION AS NOTED ON SITE PLAN, OR AS DIRECTED BY OWNER.
 - THE HANDRAIL SHALL BE MADE OF PIPES JOINED TOGETHER WITH COMPONENT FITTINGS. SAMPLES OF ALL COMPONENTS, BASES, TOEBOARD AND PIPE MUST BE SUBMITTED FOR APPROVAL AT THE REQUEST OF THE ENGINEER. COMPONENTS THAT ARE POP-ROTTED OR GLUED AT THE JOINTS WILL NOT BE ACCEPTABLE. ALL COMPONENTS MUST BE MECHANICALLY FASTENED WITH STAINLESS STEEL HARDWARE.
 - POSTS SHALL NOT INTERRUPT THE CONTINUATION OF THE TOP RAIL AT ANY POINT ALONG THE RAILING, INCLUDING CORNERS AND END TERMINATIONS (OSHA 1910.23). THE TOP SURFACE OF THE TOP RAILING SHALL BE SMOOTH AND SHALL NOT BE INTERRUPTED BY PROJECTED FITTINGS.
 - IF ALUMINUM IS PREFERRED OVER STEEL, THE ALUMINUM MUST CONFORM TO ONE OF THE FOLLOWING STANDARDS: ALUMINUM ALLOY 6105-T5, ASTM B-429 OR ASTM B-221.
 - ALUMINUM SURFACES IN CONTACT WITH CONCRETE, GROUT OR DISSIMILAR METALS WILL BE PROTECTED WITH A COAT OF BITUMINOUS PAINT, MYLAR ISOLATORS OR OTHER APPROVED MATERIAL.
 - GUARDRAILS AND HANDRAILS SHALL BE DESIGNED TO WITHSTAND A 200LB CONCENTRATED LOAD APPLIED IN ANY DIRECTION AND AT ANY POINT ON THE TOP RAIL.
 - CONTRACTOR MAY USE GALVANIZED ANCHORS WHERE THE BARRIER HANDRAIL SEPARATES A CHANGE IN ELEVATION NOT GREATER THAN 42" IN HEIGHT. WHERE CHANGES IN ELEVATION EXCEED 42" IN HEIGHT, STAINLESS STEEL ANCHORS SHALL BE USED. ANCHORS SHALL BE SET W/ AN EPOXY ADHESIVE SUCH AS HIT-HY-200R V3, OR ENGINEER APPROVED EQUAL.

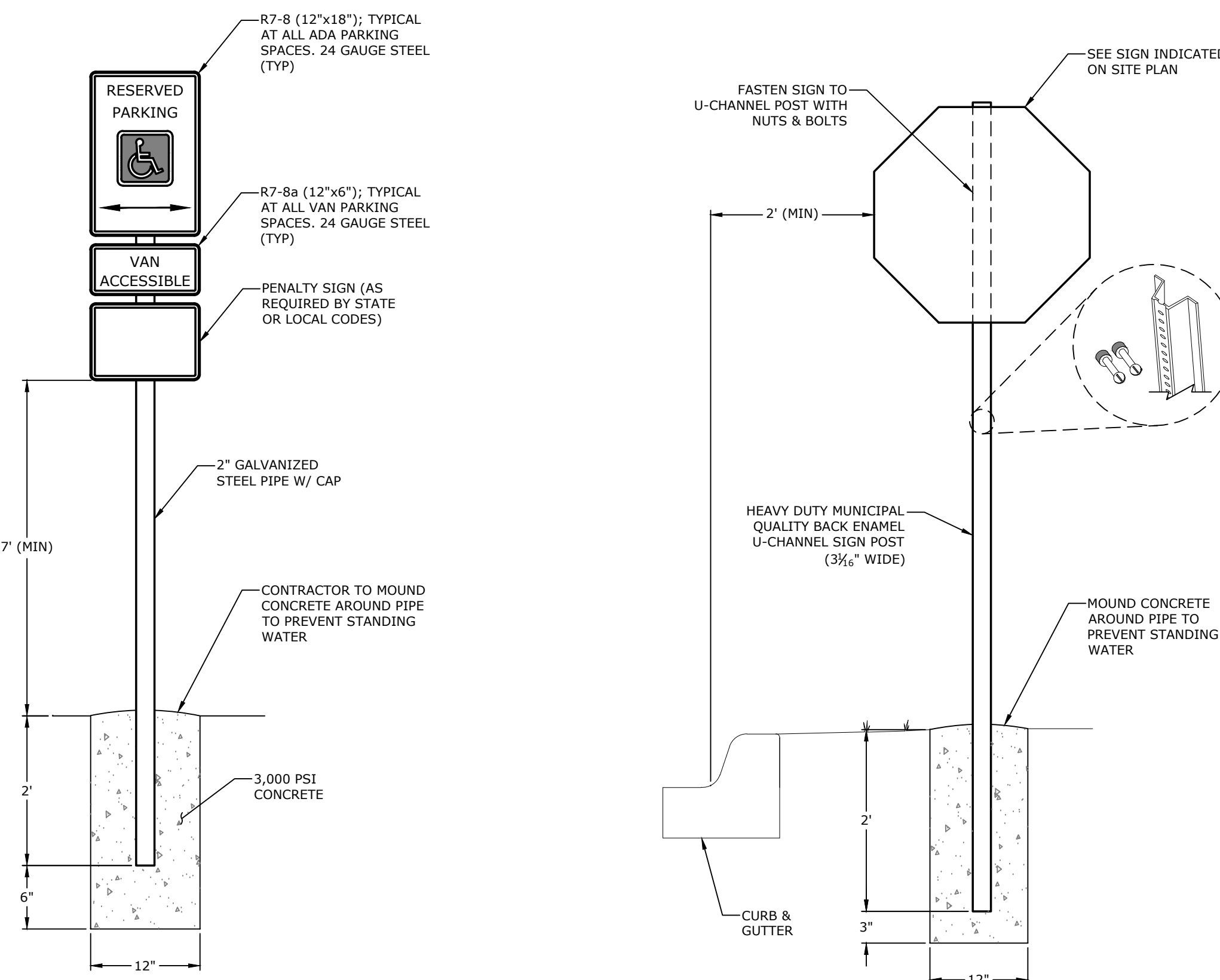


25D SIDEWALK RAMP HANDRAIL
NTS

- NOTES:**
- ALL PAVEMENT MARKING SHALL BE OF THERMOPLASTIC MATERIAL (WHITE).
 - CROSSWALK SHALL BE CENTERED ON ADA RAMP AND RUN PERPENDICULAR TO THE STREET CENTERLINE.
 - ANY EXISTING LANE MARKINGS SHALL BE REMOVED WHERE THEY CONFLICT W/ THE NEW MARKINGS.

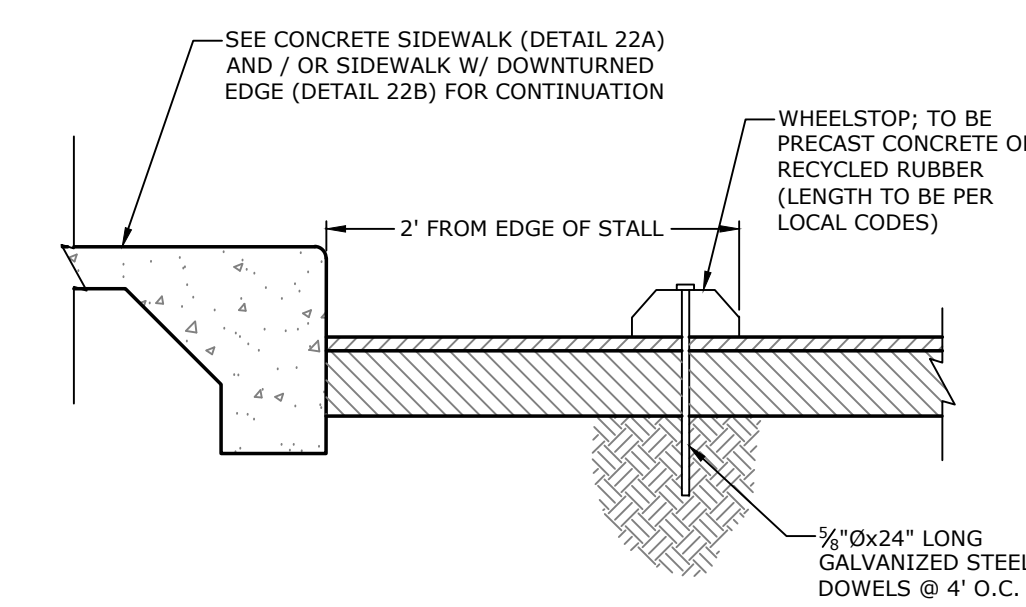
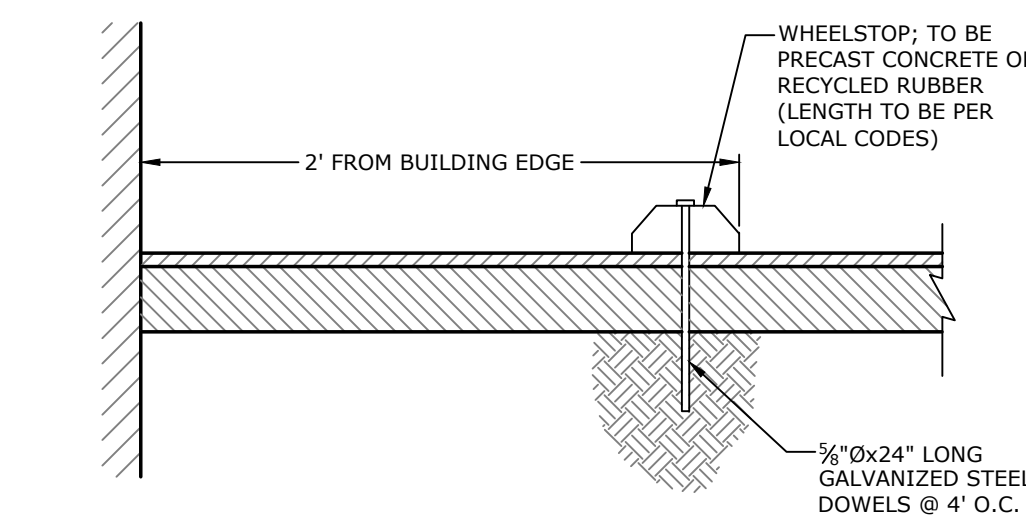


22G CROSSWALK STRIPING
NTS

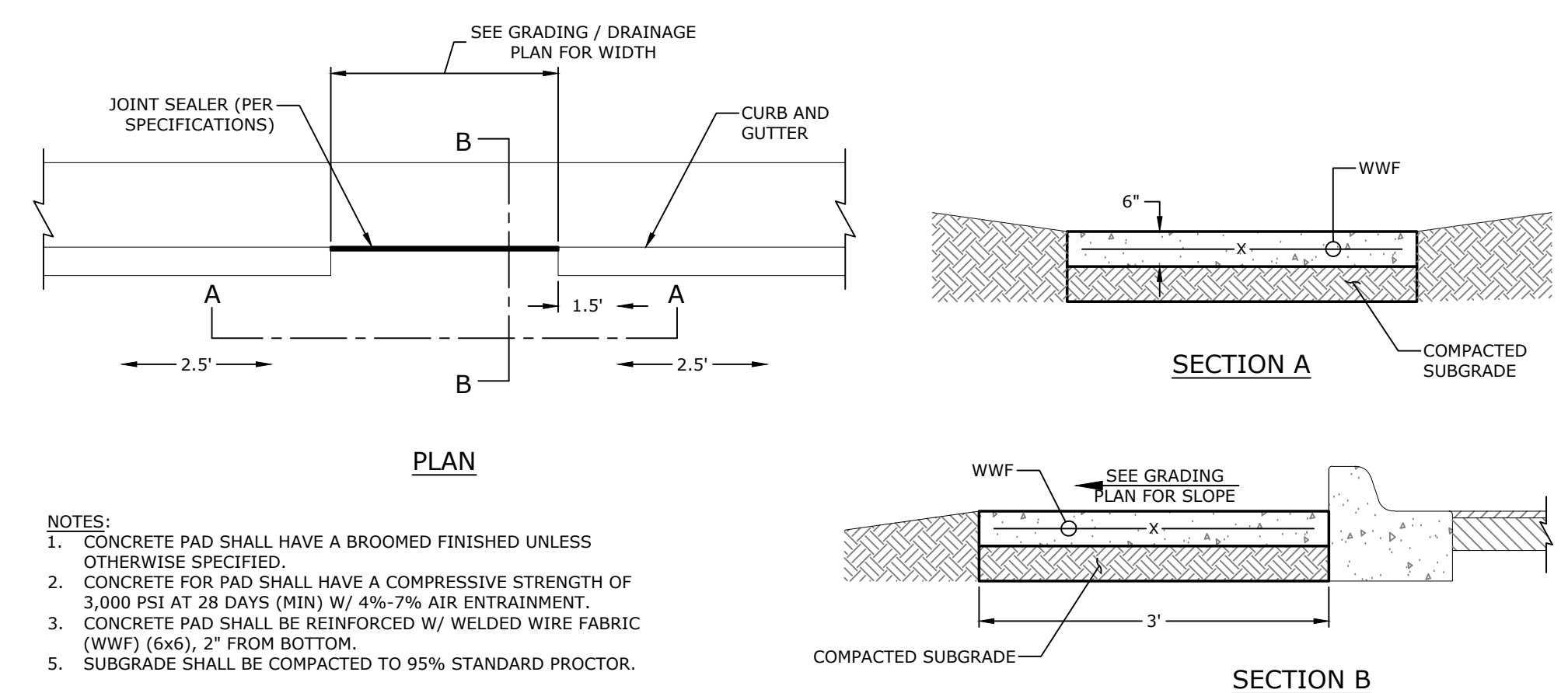


24A ACCESSIBLE PARKING SIGN
NTS

24B SIGN POST
NTS

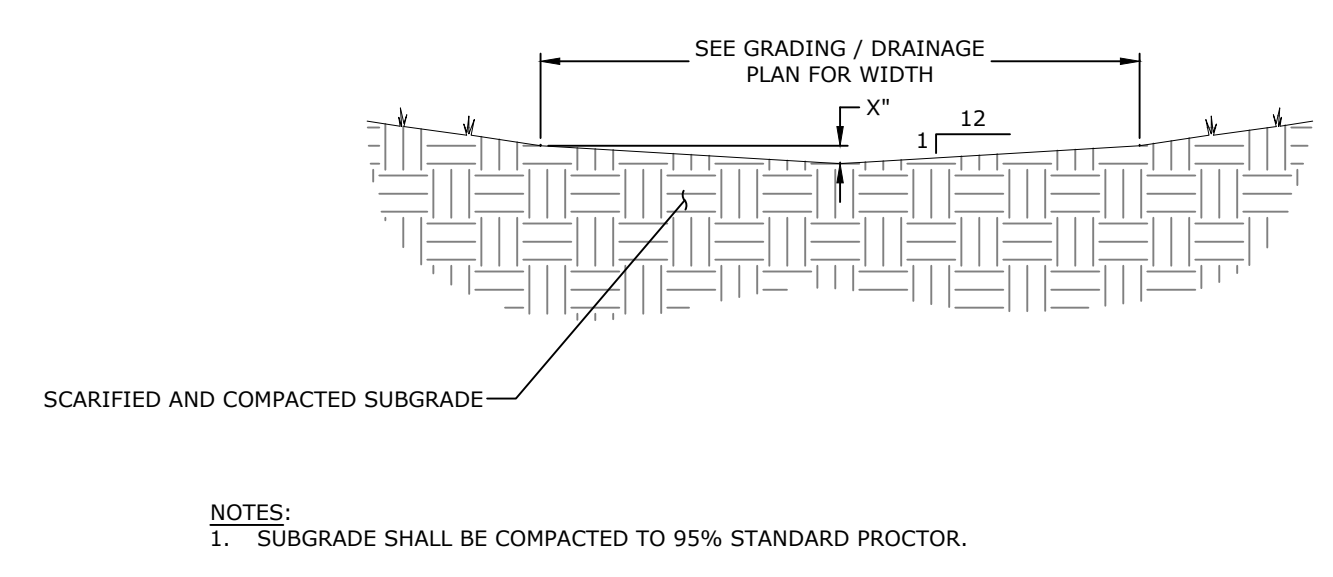


25A WHEEL STOP
NTS



- NOTES:
1. CONCRETE PAD SHALL HAVE A BROOMED FINISH UNLESS OTHERWISE SPECIFIED.
 2. CONCRETE FOR PAD SHALL HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS (MIN) W/ 4% 7% AIR ENTRAINMENT.
 3. CONCRETE PAD SHALL BE REINFORCED W/ WELDED WIRE FABRIC (WWF) (6x6), 2" FROM BOTTOM.
 5. SUBGRADE SHALL BE COMPACTED TO 95% STANDARD PROCTOR.

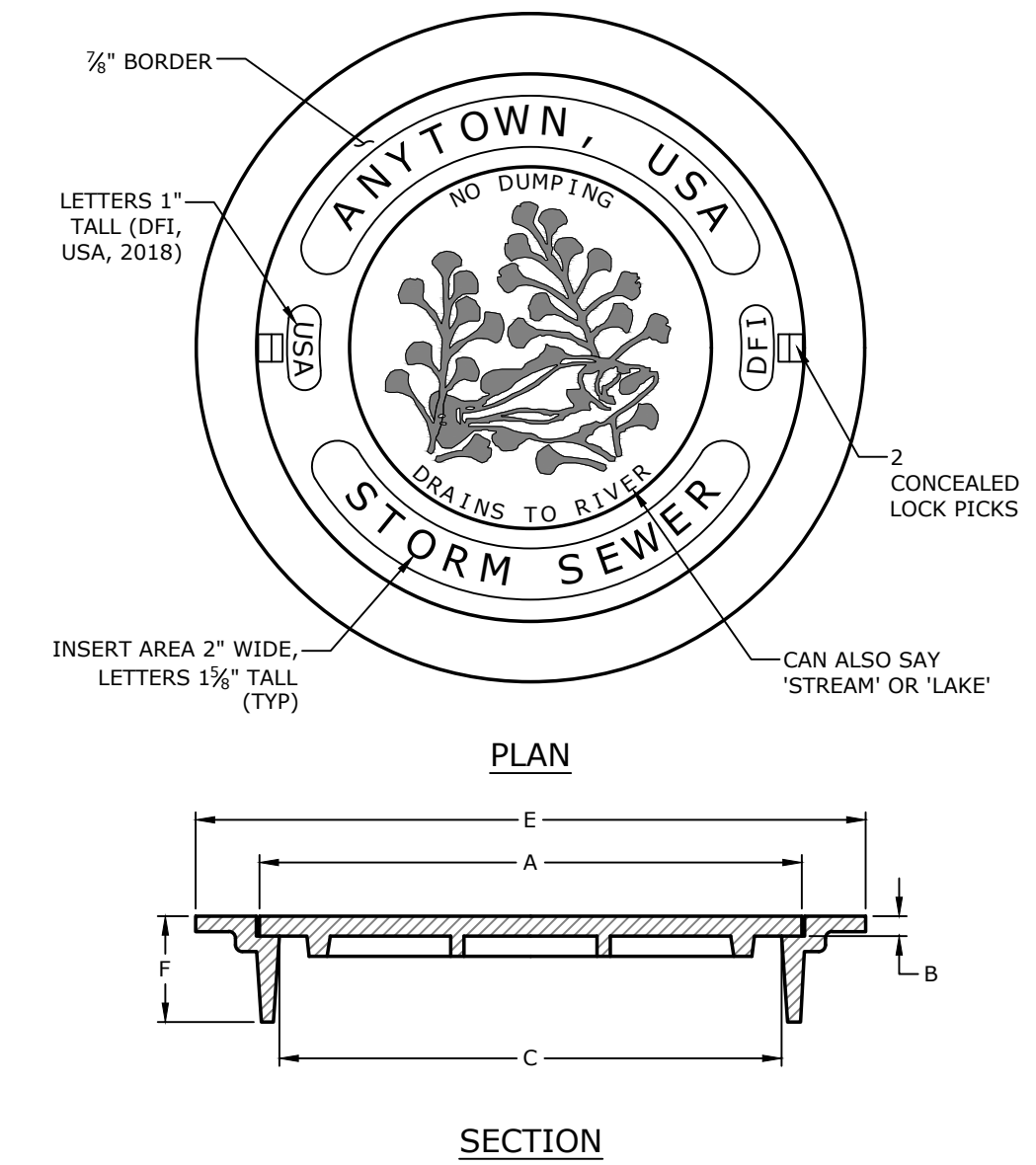
32D CURB CUT
NTS



- NOTES:
1. SUBGRADE SHALL BE COMPACTED TO 95% STANDARD PROCTOR.

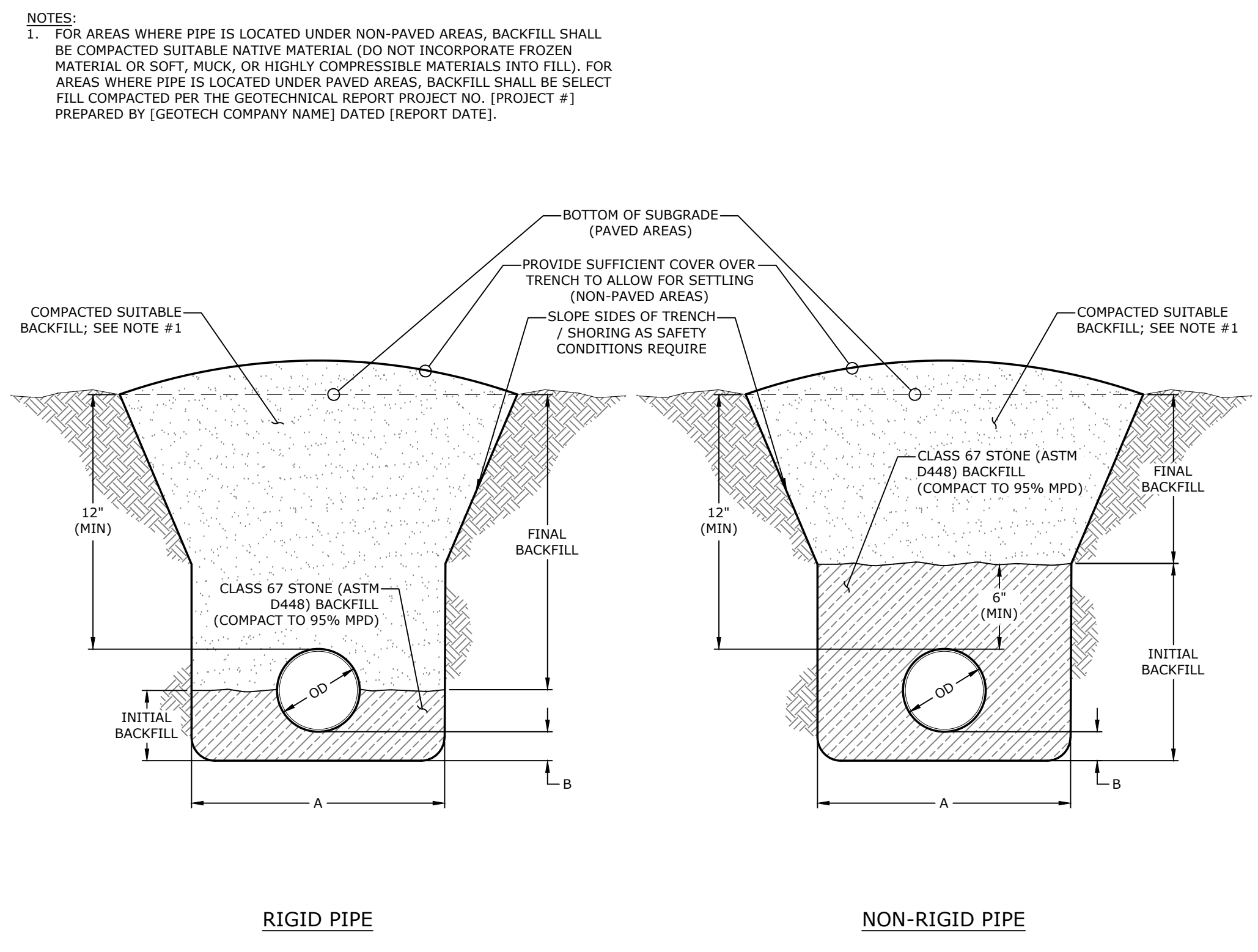
32A GRASS SWALE
NTS

- NOTES:
1. NEENAH R-1737 (LIGHT DUTY) FRAME & COVER SHALL BE USED WHEN STRUCTURE IS LOCATED IN GREENSPACES AND / OR SIDEWALK (OUT OF VEHICULAR TRAVEL WAYS).
 2. NEENAH R-1960 (HEAVY DUTY) FRAME & COVER SHALL BE USED WHEN STRUCTURE IS LOCATED IN PARKING LOTS, DRIVE AISLES, AND / OR ROADWAYS (WITHIN VEHICULAR TRAVEL WAYS).



FRAME & COVER TABLE		
DIMENSION	NEENAH R-1737 (LIGHT DUTY)	NEENAH R-1960 (HEAVY DUTY)
'A'	22 3/4"	22 3/4"
'B'	1 1/2"	1 3/4"
'C'	21"	21 1/4"
'E'	24 3/4"	29"
'F'	4"	6"

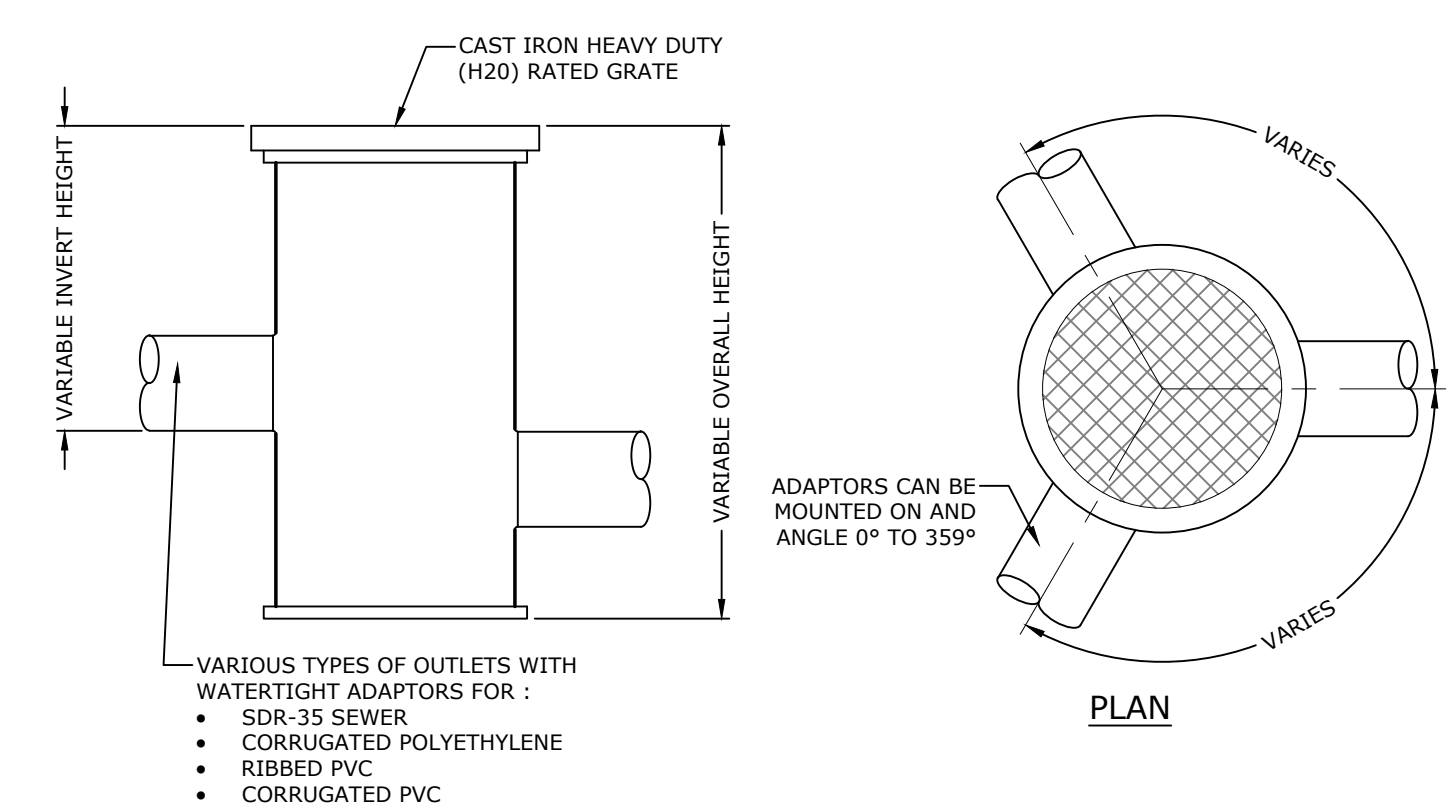
33F STORM INLET RING FRAME & COVER
NTS



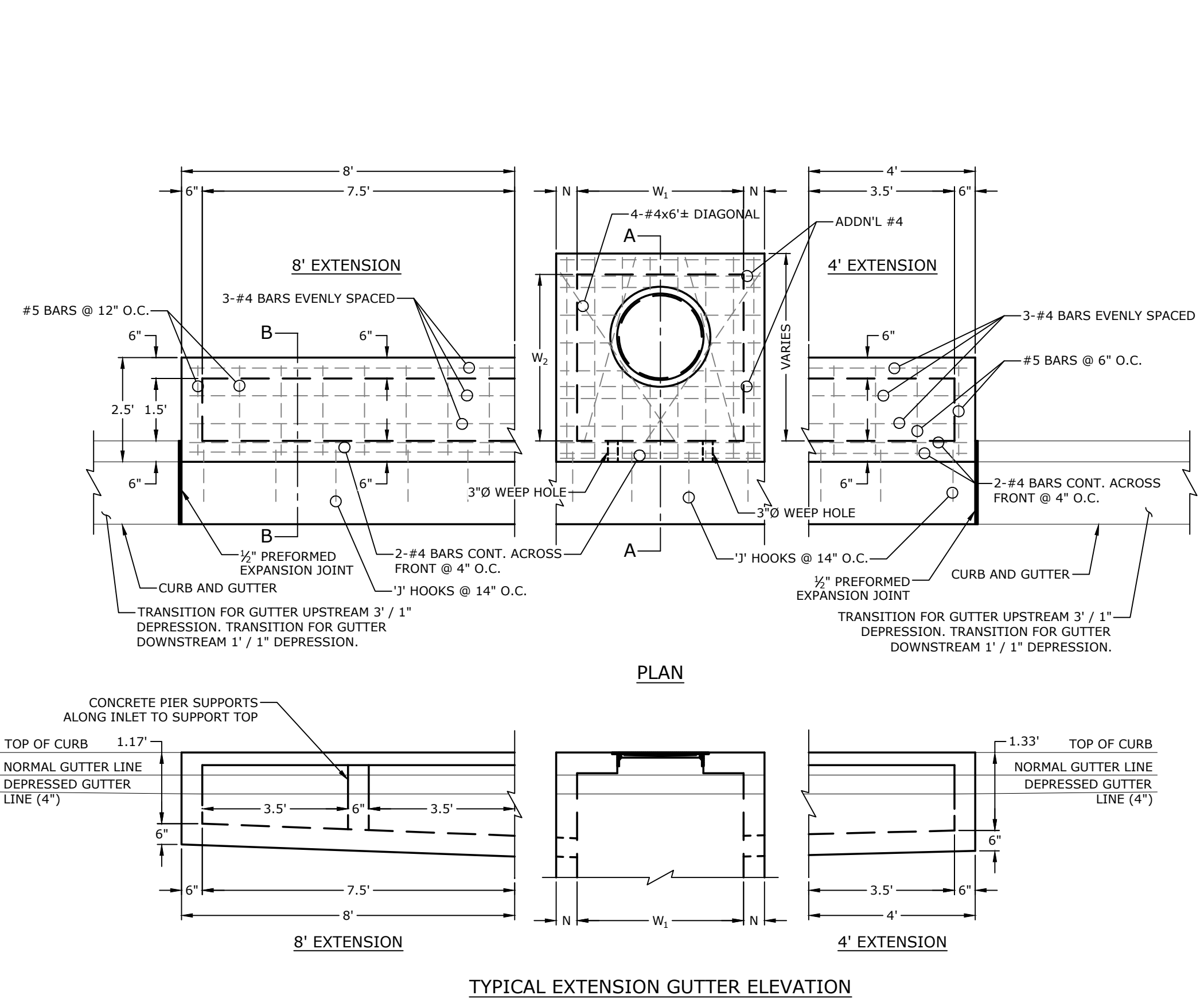
- NOTES:
1. FOR AREAS WHERE PIPE IS LOCATED UNDER NON-PAVED AREAS, BACKFILL SHALL BE COMPACTED SUITABLE NATIVE MATERIAL (DO NOT INCORPORATE FROZEN MATERIAL OR SOFT, MUCK, OR HIGHLY COMPRESSIBLE MATERIALS INTO FILL). FOR AREAS WHERE PIPE IS LOCATED UNDER PAVED AREAS, BACKFILL SHALL BE SELECT FILL COMPACTED PER THE GEOTECHNICAL REPORT PROJECT NO. [PROJECT #] PREPARED BY [GEOTECH COMPANY NAME] DATED [REPORT DATE].

TRENCHING, BACKFILL, & BEDDING TABLE	
'A'	OD + 24" (MIN) OD + 36" (MAX)
'B'	.10 x OD (6" MIN)

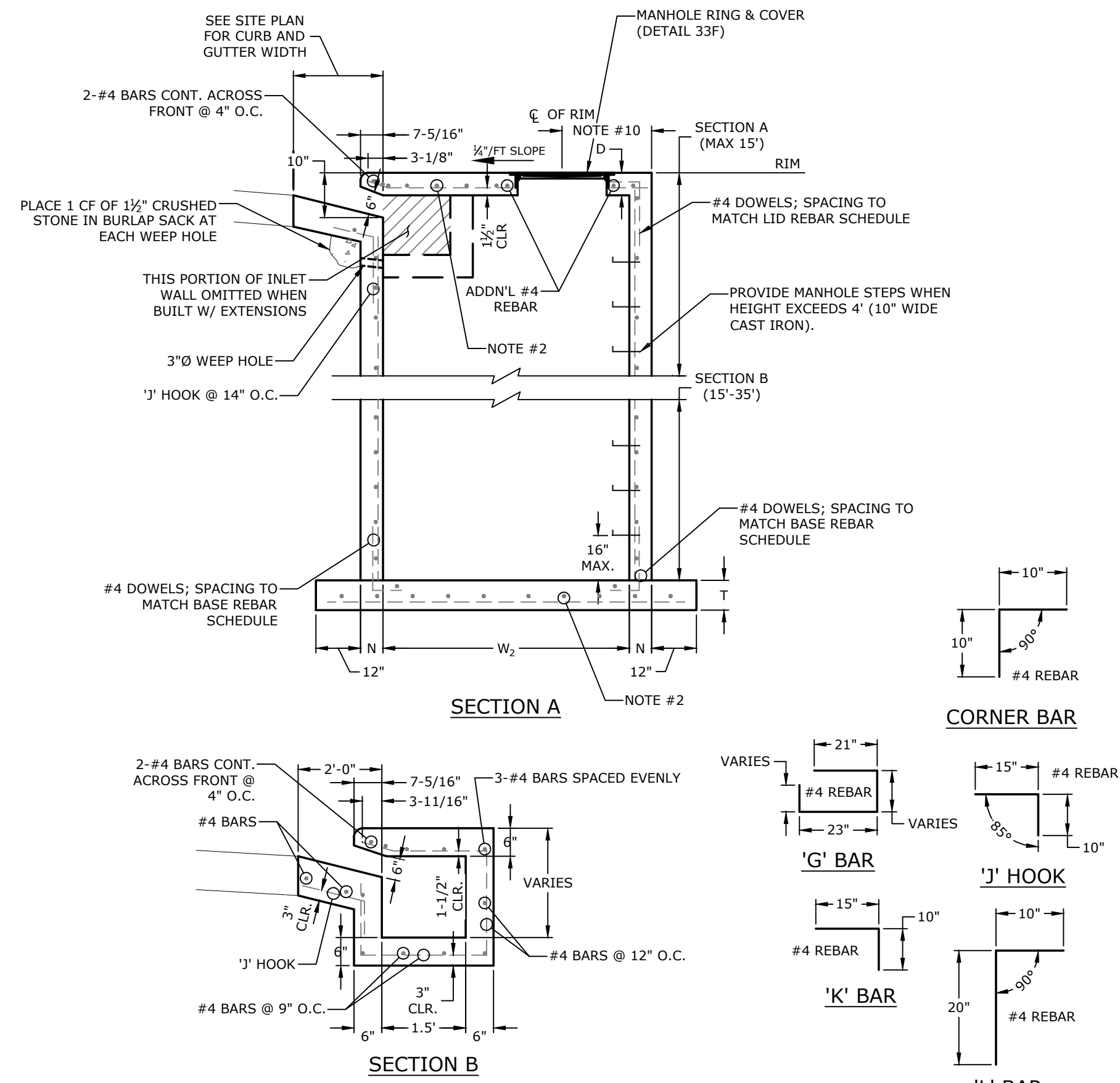
33G STORM SEWER TRENCHING, BACKFILL, & BEDDING
NTS



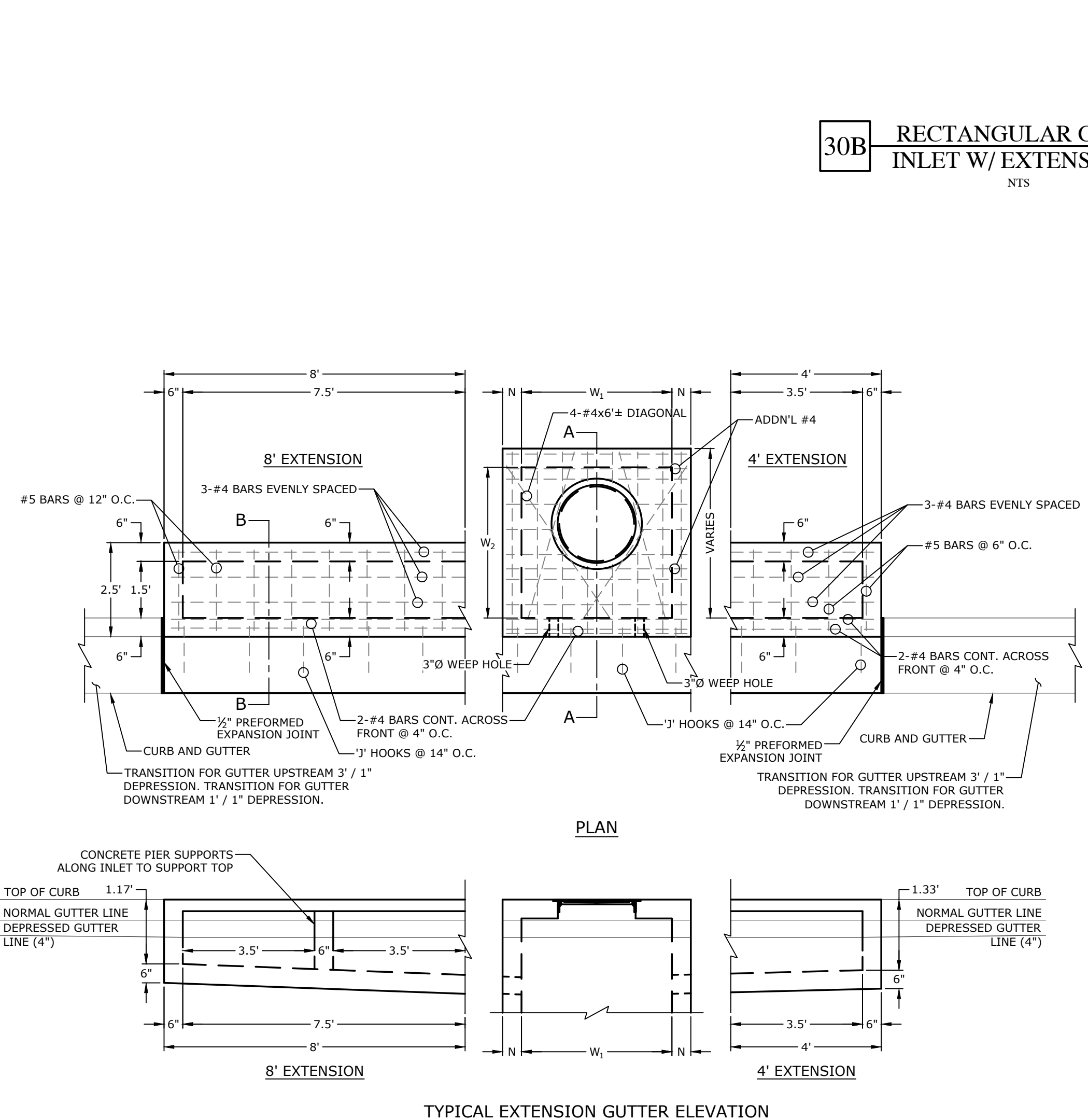
31F YARD INLET-NYOPLAST DRAIN BASIN DETAIL
NTS



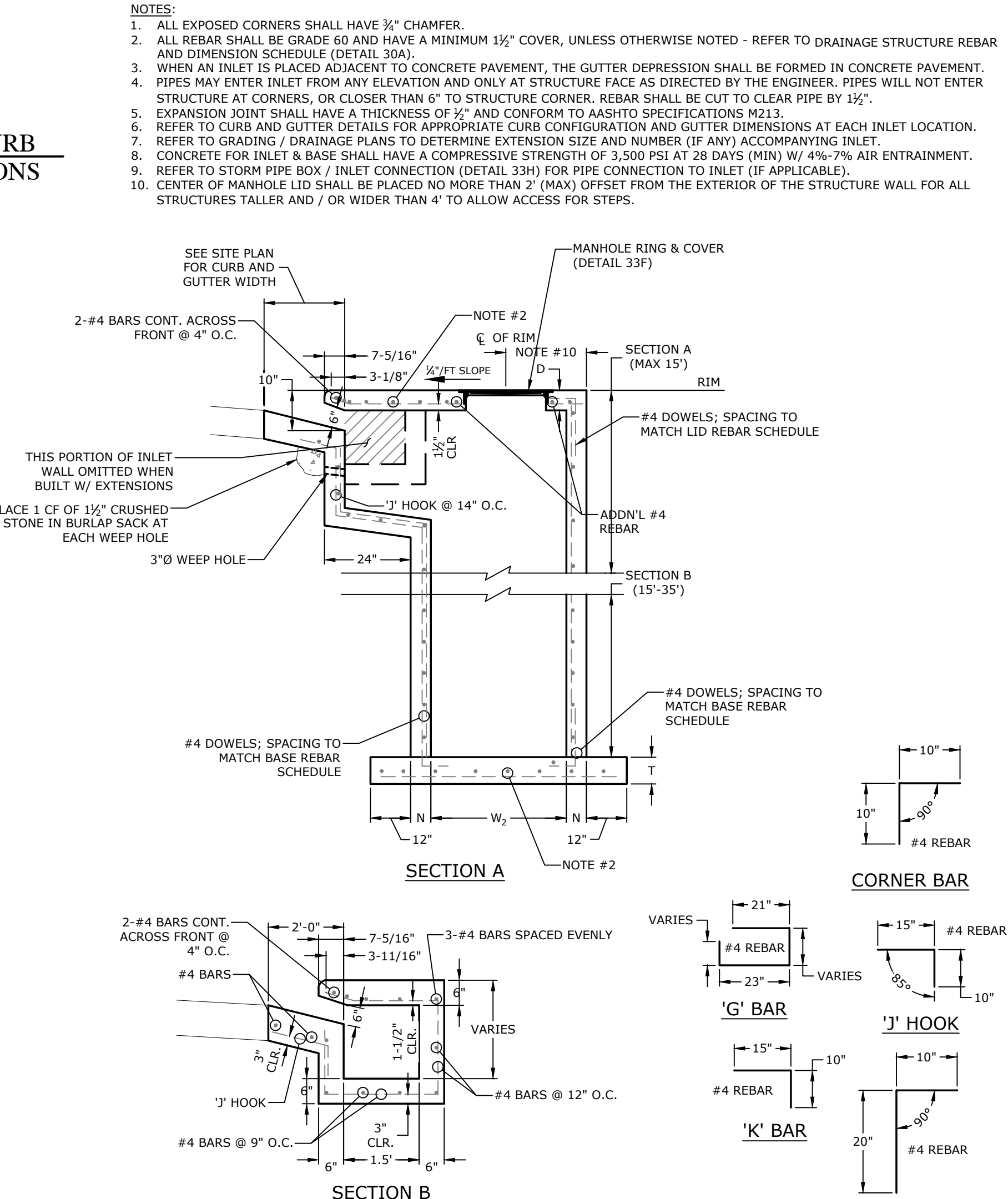
30B RECTANGULAR CURB INLET W/ EXTENSIONS
NTS



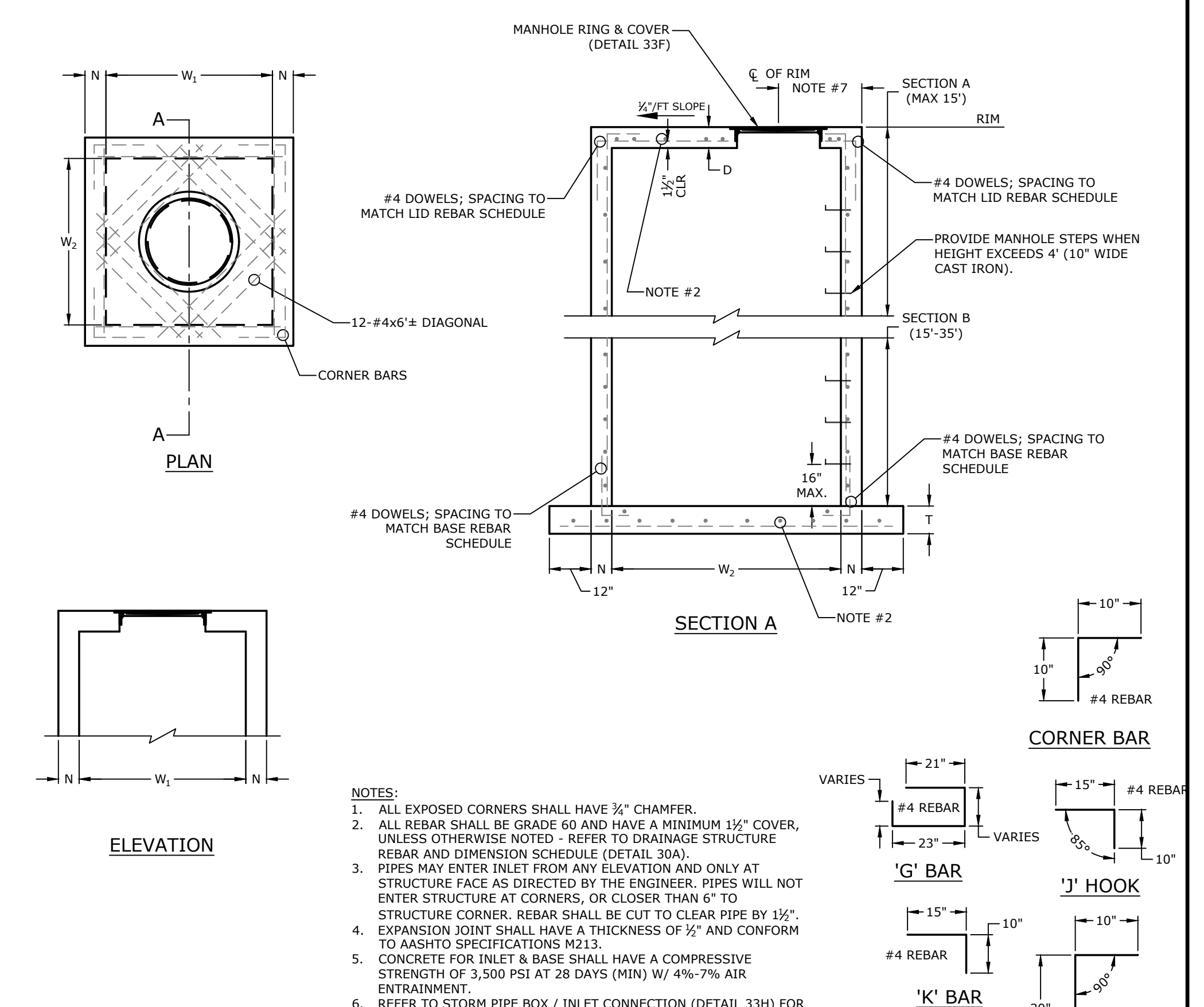
30G RECTANGULAR JUNCTION BOX
NTS



30A DRAINAGE STRUCTURE REBAR & DIMENSION SCHEDULE
NTS



30C RECTANGULAR CURB INLET EXTENDED THROAT W/ EXTENSIONS
NTS



30H RECTANGULAR GRATE INLET
NTS

BASE REBAR SCHEDULE

SECTION	REBAR
'A'	#4s @ 6" O.C.B.W.
'B'	#4s @ 6" O.C.B.W.

LID REBAR SCHEDULE

DIMENSIONS	REBAR	PATTERN
W ₁ ≤ 7'	#4s @ 8" O.C.B.W.	DIAGONAL @ COVER
W ₂ ≤ 7'	#4s @ 8" O.C.B.W.	DIAGONAL @ COVER
W ₁ ≤ 7'	#4s @ 8" O.C.B.W.	DIAGONAL @ COVER
W ₂ ≥ 7'	#4s @ 6" O.C.B.W.	DIAGONAL @ COVER
W ₁ ≥ 7'	#4s @ 6" O.C.B.W.	DIAGONAL @ COVER
W ₂ ≥ 7'	#4s @ 6" O.C.B.W.	DIAGONAL @ COVER

WALL REBAR SCHEDULE

SECTION	W (W ₁ & W ₂)	REBAR (HORIZONTAL)	REBAR (VERTICAL)
'A'	4'-0"	#4s @ 9" O.C.	#4s @ 10" O.C.
	4'-0" - 7'-0"	#6s @ 9" O.C.	#4s @ 10" O.C.
	> 7'-0"	#6s @ 48" O.C.	#4s @ 10" O.C.
'B'	4'-0"	#4s @ 6" O.C.	#4s @ 10" O.C.
	4'-0" - 7'-0"	#6s @ 6" O.C.	#4s @ 10" O.C.

'T', 'N', & 'D' DIMENSION

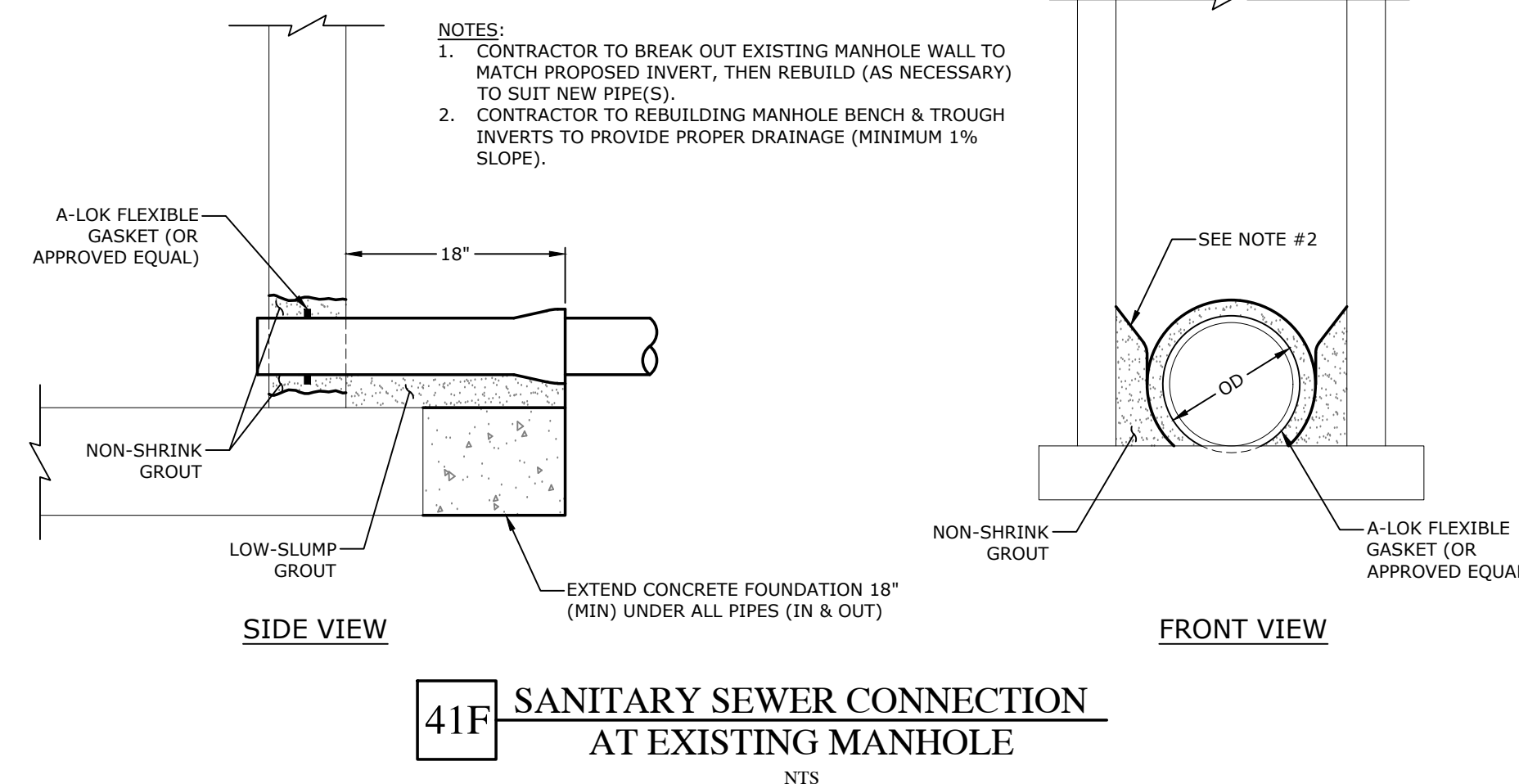
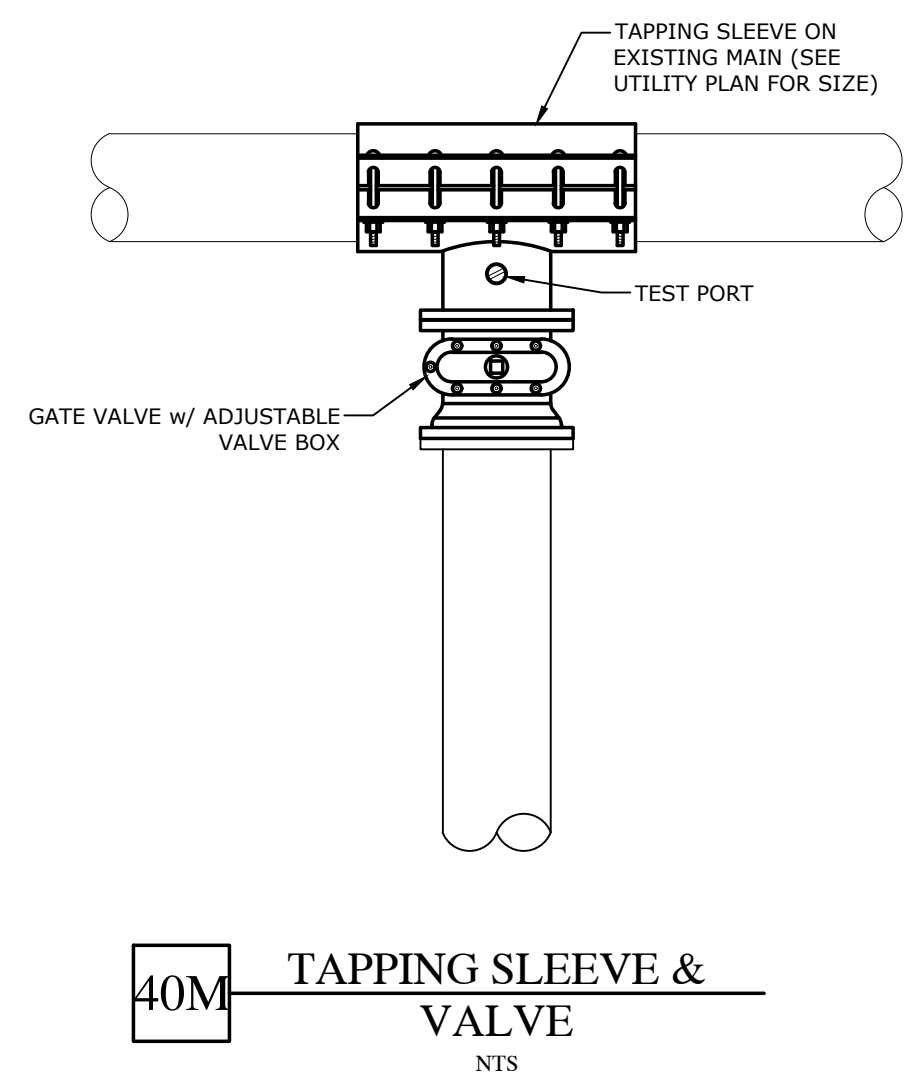
SECTION	W (W ₁ & W ₂)	T	N	D
'A'	4'-0" - 7'-0"	6" + PIPE WALL	8"	6"
	> 7'-0"	6" + PIPE WALL	8"	8"
'B'	4'-0"	8" + PIPE WALL	8"	8"
	4'-0" - 7'-0"	8" + PIPE WALL	10"	8"

'Ø' & 'W' DIMENSION

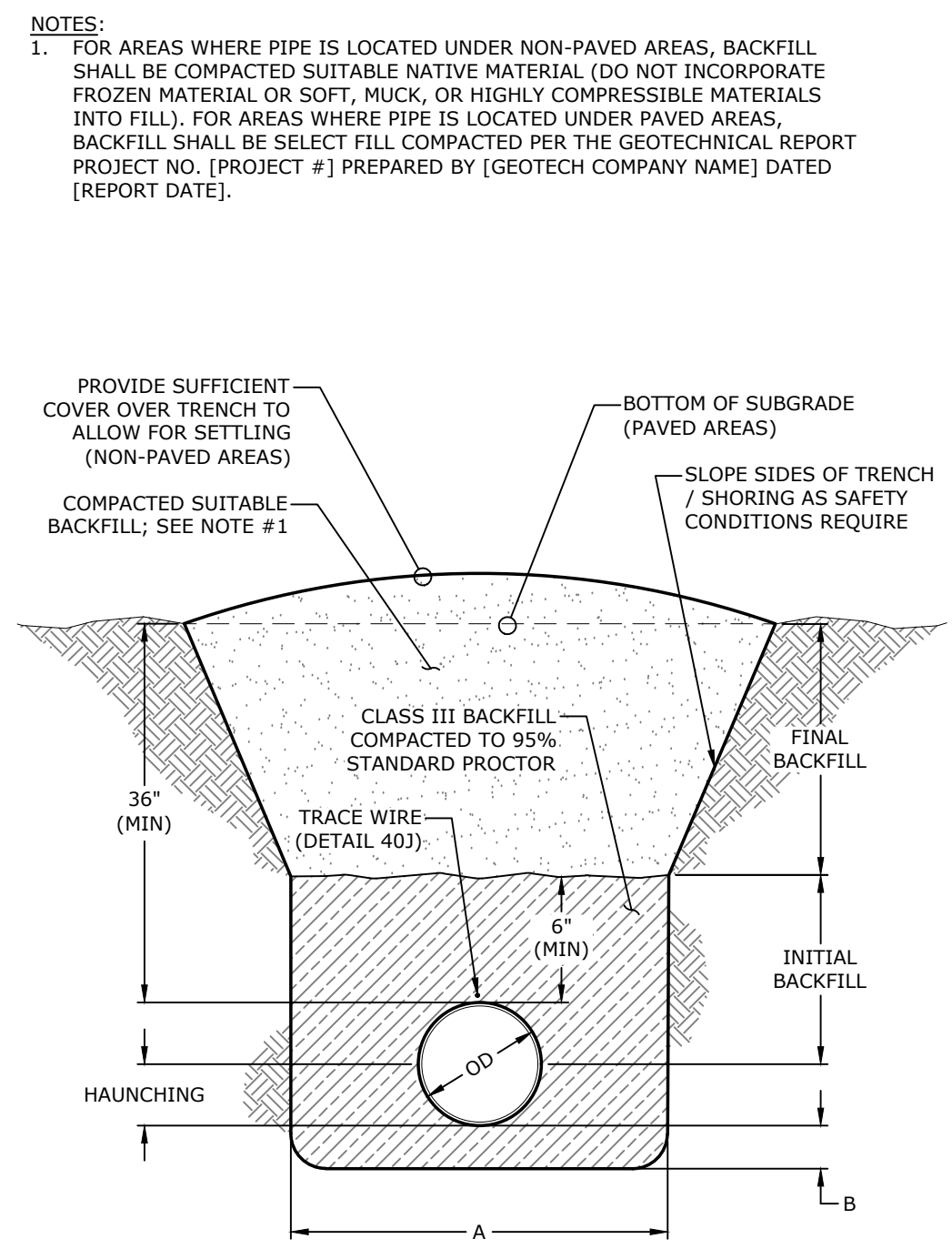
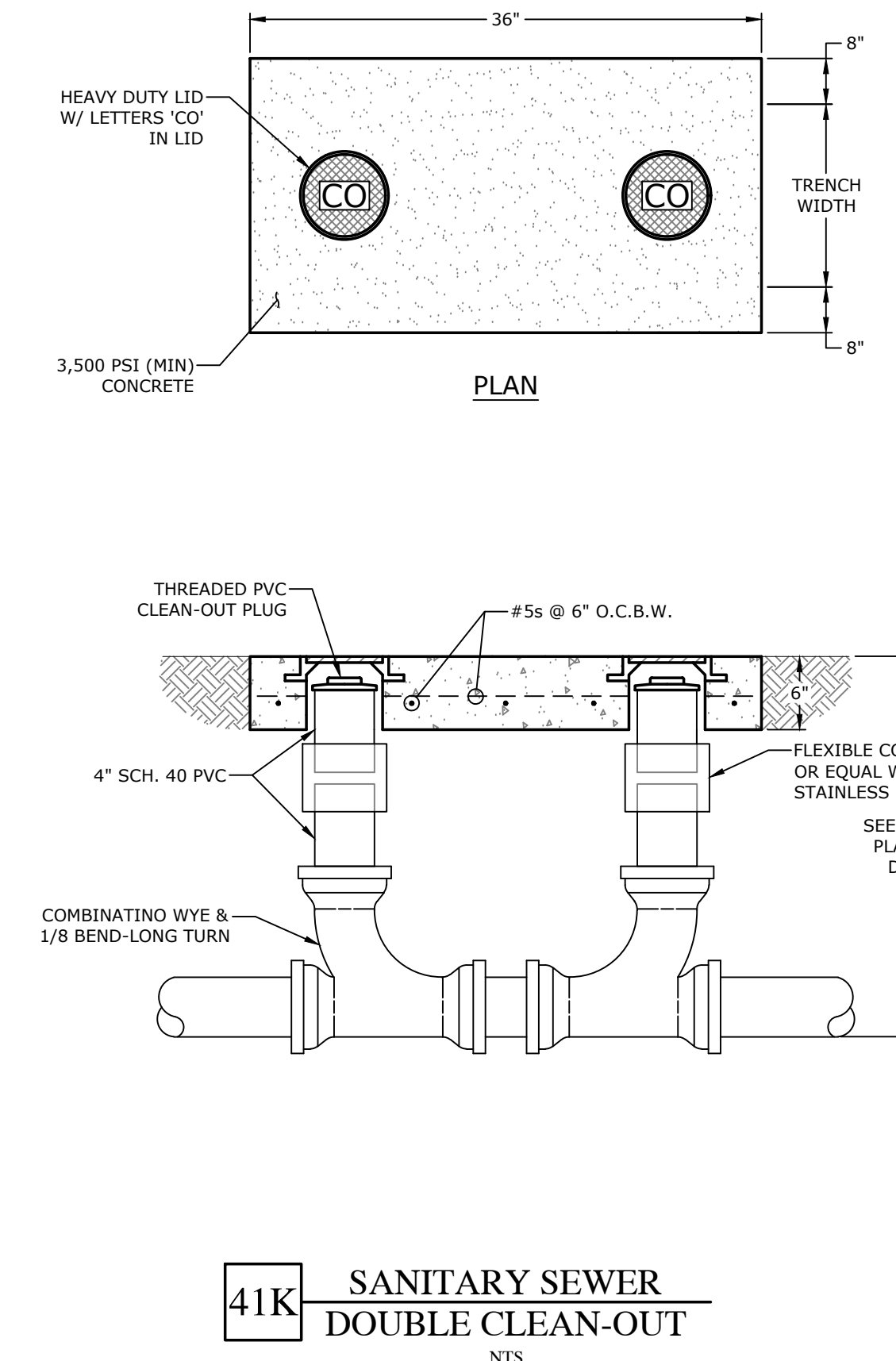
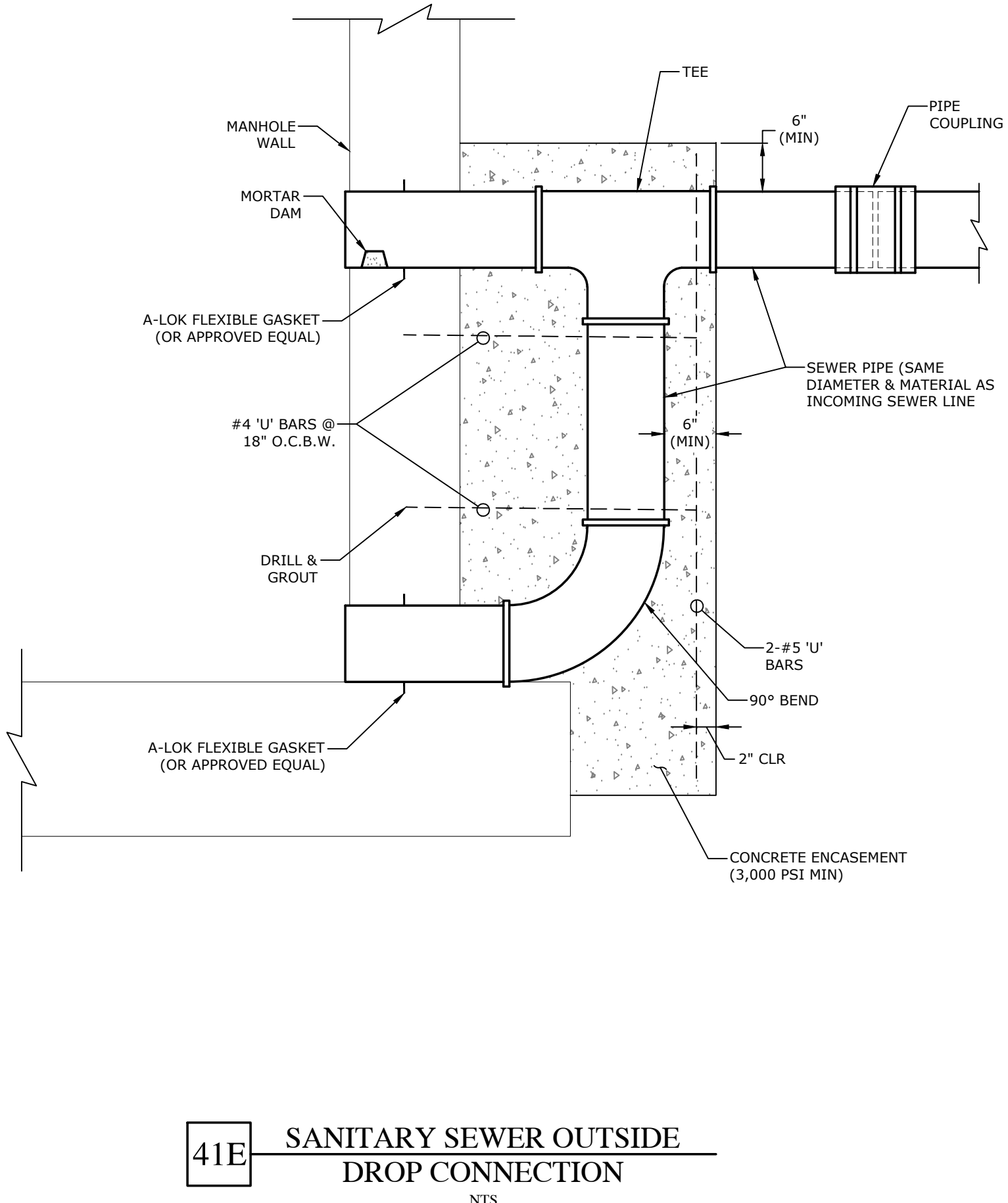
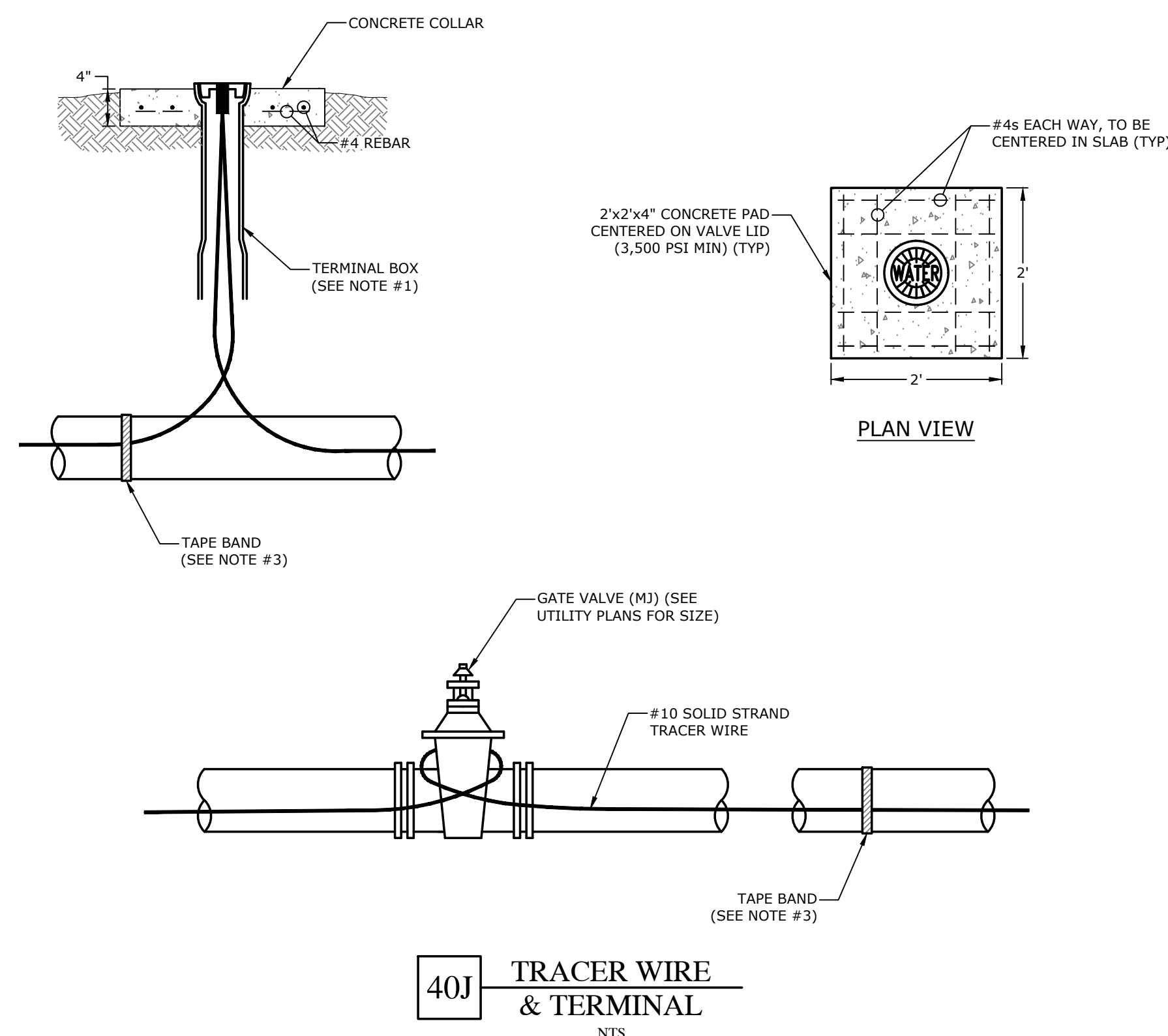
PIPE SIZE	CIRCULAR STRUCTURE Ø	RECTANGULAR STRUCTURE PIPE SKEW			
		STRAIGHT	30°	45°	
≤ 24"	48"	4'-0"	4'-0"	4'-10"	
	30"	4'-0"	4'-7"	5'-8"	
	36"	4'-0"	5'-3"	6'-5"	
	42"	60"	5'-3"	5'-11"	7'-3"
	48"	72"	5'-10"	6'-7"	8'-0"
DOUBLE	60"	7'-0"	7'-10"	9'-8"	
	24"	7'-0"	7'-10"	9'-5"	
	30"	8'-2"	9'-2"	11'-0"	
36"	9'-4"	10'-6"	12'-6"		
42"	10'-6"	11'-10"	14'-2"		
48"	11'-8"	13'-2"	15'-10"		

*FOR ALL PIPE LARGER THAN 48", USE RECTANGULAR STRUCTURE

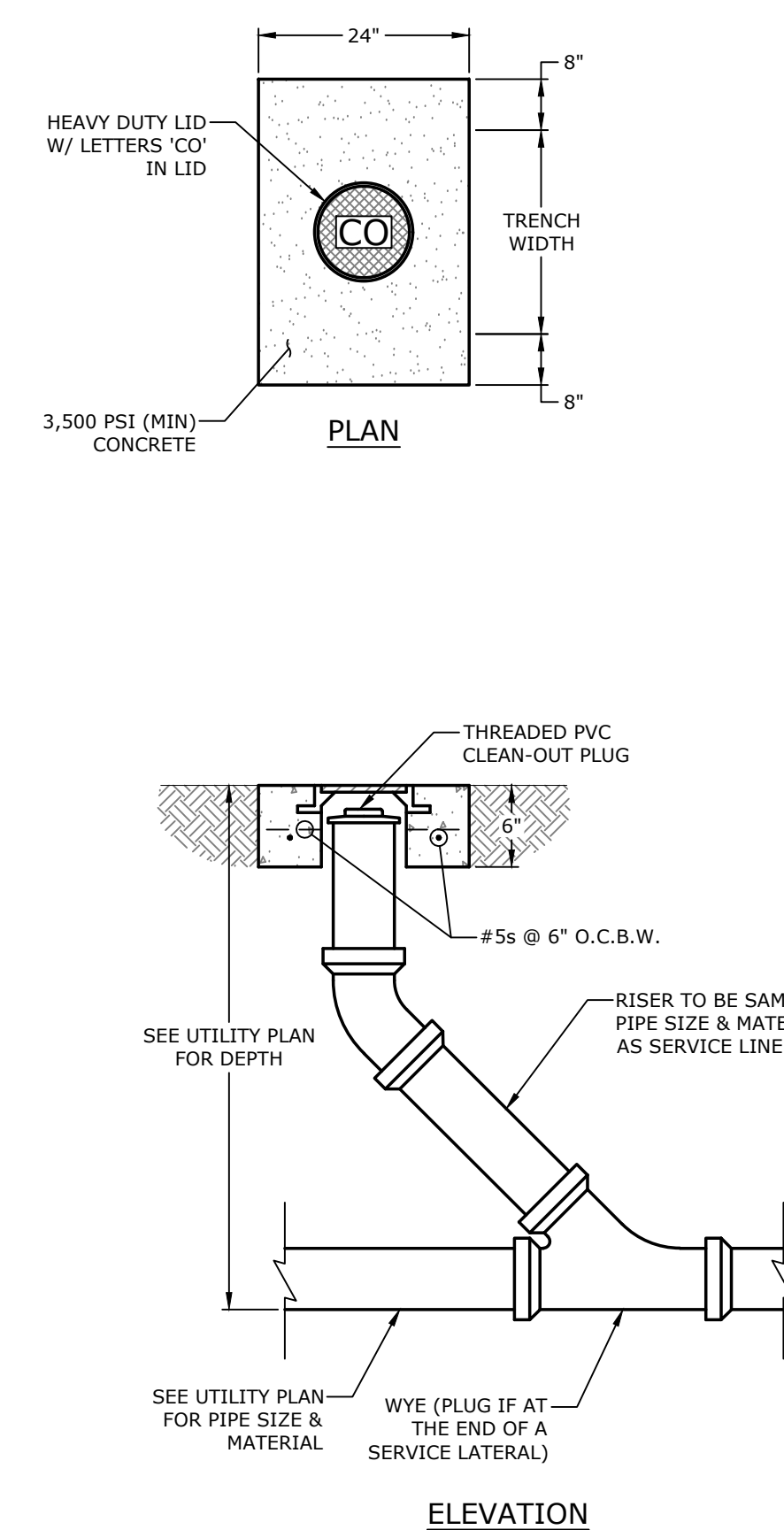
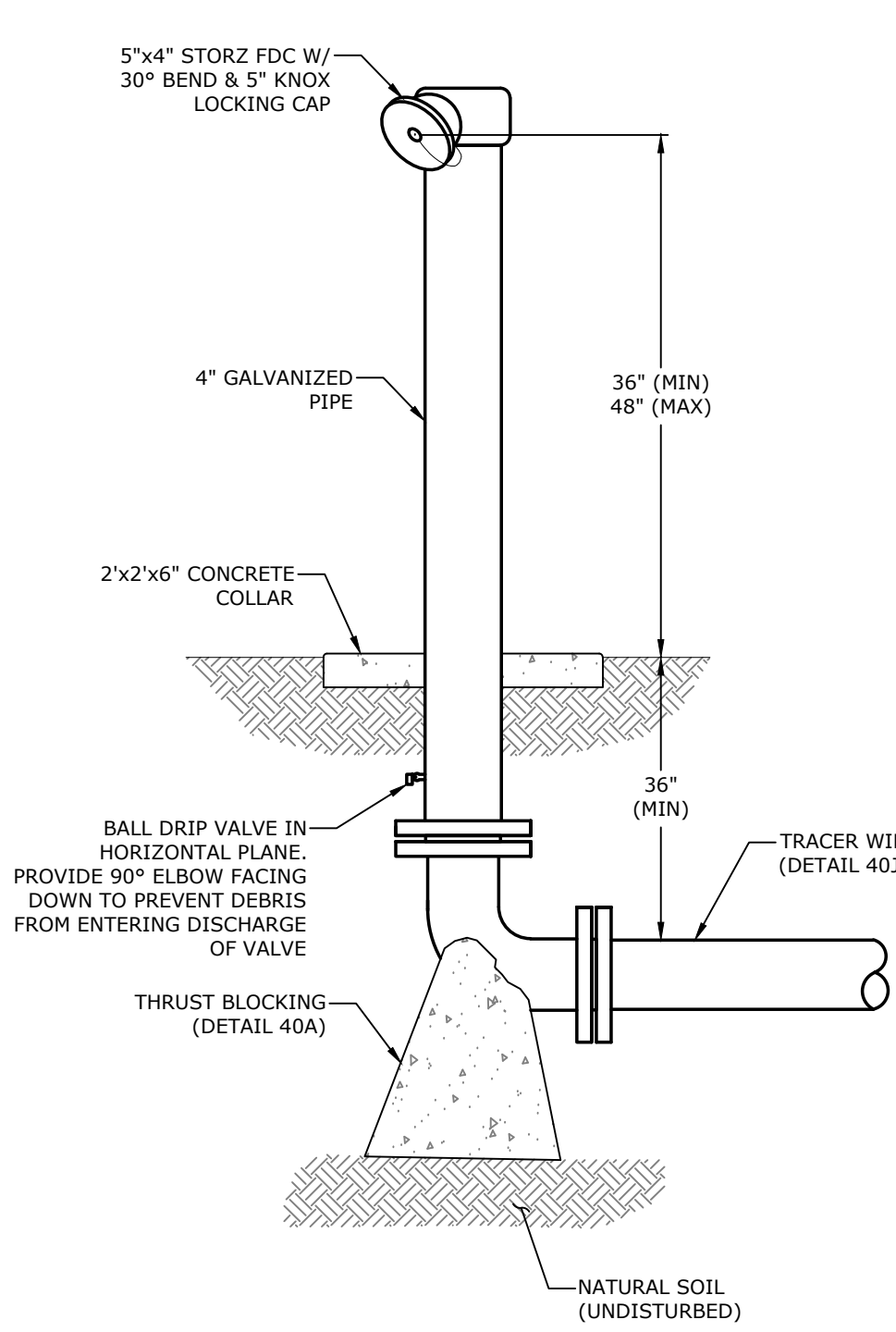
20241112 10:58 AM Autodesk Docs (Brimley High School) 20241112 10:58 AM (Brimley High School) 20241112 10:58 AM



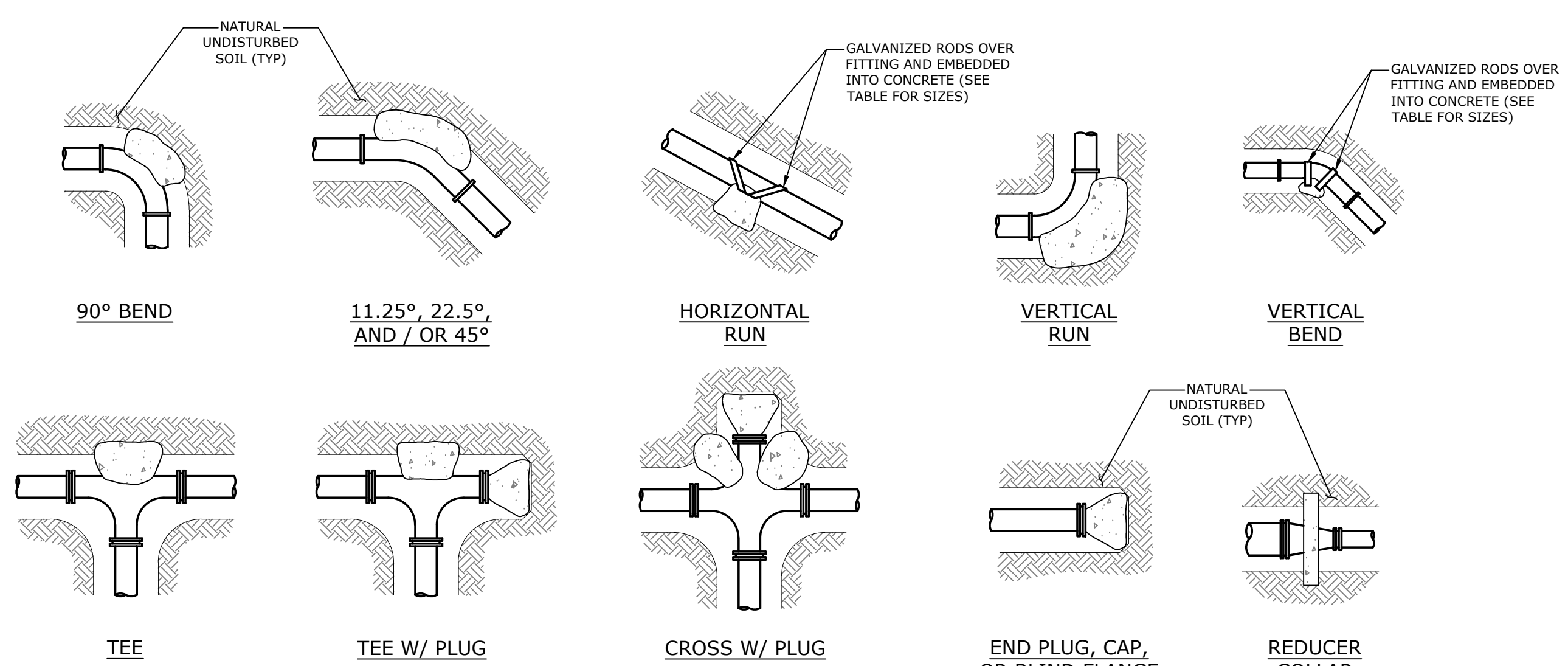
- NOTES:**
1. TERMINAL BOXES TO BE EAST JORDAN IRON WORKS 8550 SERIES (OR APPROVED EQUAL); EXTENSIONS TO BE PROVIDED WHERE REQUIRED.
 2. TERMINAL BOXES SHALL BE LOCATED AT APPROXIMATELY 500' INTERVALS (OR AT LOCATIONS DETERMINED BY THE ENGINEER) AND AT EACH END OF THE PIPING INSTALLATION. A CONCRETE COLLAR SHALL BE PLACED ON EACH TERMINAL BOX LOCATED OUTSIDE OF PAVEMENT SURFACES OR SIDEWALKS.
 3. TAPE BANDS SHALL BE PLACED EVERY 10' TO HOLD TRACER WIRE IN PLACE DURING INSTALLATION.
 4. CONTRACTOR SHALL PROVIDE AN INSTRUMENT AND DEMONSTRATE THE ELECTRICAL CONTINUITY OF ALL TRACER WIRES PRIOR TO THE FINAL ACCEPTANCE BY THE OWNER.
 5. TRACER WIRE SHALL BE INSTALLED IN THE LOCATION DIRECTED BY THE ENGINEER, BUT SHALL GENERALLY BE LOCATED IMMEDIATELY ADJACENT TO THE PIPE AND AT THE SAME DEPTH. TRACER WIRE SHALL ALSO BE INSTALLED ON SERVICE LINES BETWEEN THE WATER LINE(S) AND WATER METER(S). TRACER WIRE SHALL EXTEND AT LEAST 1' INTO THE METER BOX(S).
 6. WIRE SHALL BE SPLICED USING 3M DIRECT BURY SPLICE KIT DBR / Y-6 (OR APPROVED EQUAL).



	A'	OD + 18" (MIN) OD + 24" (MAX)
	B'	.25 X OD (4" MIN)



- NOTES:**
1. CONCRETE FOR THRUST BLOCKS SHALL DEVELOP NOT LESS THAN 2,500 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS AND BE PLACED AGAINST UNDISTURBED SOIL.
 2. ALL BENDS, BOTH HORIZONTAL AND VERTICAL, SHALL BE BACKED WITH CONCRETE. VERTICAL BENDS SHALL BE PLACED ON CONCRETE PADS WHERE BENDS TURN UP, OR LOADED WHERE BENDS TURN DOWN.
 3. WRAP PIPE JOINTS IN 8 MIL POLYETHYLENE BEFORE PLACING CONCRETE. USE LONG-RADIUS FITTINGS WHEREVER POSSIBLE.
 4. BEARING AREA SHOWN IN TABLE IS BASED UPON A 2000 LB/SQ. SOIL BEARING, AND UPON A PIPELINE PRESSURE OF 250 PSI PLUS WATER HAMMER. AREAS SHOWN SHALL BE ADJUSTED, SHOULD FIELD CONDITIONS VARY.
 5. UTILIZE MEGALUG THRUST RESTRAINTS ON MECHANICAL JOINT FITTINGS AND VALVES, IN ADDITION TO THESE THRUST BLOCKS.



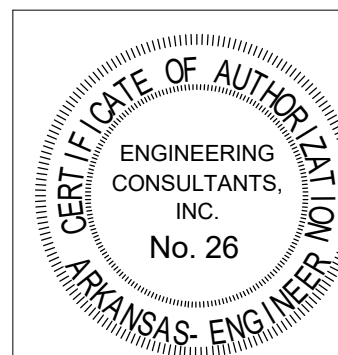
FITTING SIZE	BEARING AREA OF THRUST BLOCKING (SQ. FT.) (HORIZONTAL BENDS)							VOLUME OF THRUST BLOCKING (CU. FT.) (VERTICAL BENDS)						
	TEE, WYE, PLUG, OR CAP	90° BEND, PLUGGED CROSS	TEE PLUGGED ON RUN (A1)	TEE PLUGGED ON RUN (A2)	BEND ANGLES			FITTING SIZE	BEND ANGLES					
					45°	22.5°	11.25°		45°	22.5°	11.25°			
2", 3", & 4"	1.30	1.80	1.30	1.80	1.00	1.0	-	2", 3", & 4"	1.50	0.5	0.3	#6	30"	-
6"	2.80	4.00	2.80	4.00	2.20	1.1	1.0	6"	3.60	1.3	0.5	#6	30"	-
8"	5.00	7.10	5.00	7.10	3.80	2.0	1.0	8"	5.30	2.0	0.8	#6	30"	0.6
10"	7.90	11.10	7.90	11.10	6.00	3.0	1.6	10"	8.00	3.1	1.2	#6	30"	-
12"	11.30	16.00	11.30	16.00	8.70	4.4	2.3	12"	11.30	4.3	1.7	#6	30"	1.3

40A THRUST BLOCKING NTS

40Q WATER LINE TRENCHING, BACKFILL, & BEDDING NTS

40C FIRE DEPARTMENT CONNECTION NTS

41J SANITARY SEWER CLEAN-OUT NTS



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Structural Engineers

401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72013-3401
Phone No: (501) 376-3752

ECL JOB # 24-168



SOIL TESTING AND INSPECTIONS

1. A QUALIFIED TESTING LABORATORY SHALL TEST ALL CONTROLLED STRUCTURAL FILL. A MINIMUM OF TWO SOIL COMPACTION TESTS SHALL BE MADE FOR EACH LIFT.

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.

CONCRETE CONSTRUCTION INSPECTIONS

1. INSPECT REINFORCING STEEL PRIOR TO PLACING CONCRETE. CHECK REINFORCING SIZE, SPACING AND LOCATION.

2. VERIFY SIZE, TYPE, EMBEDMENT DEPTH, PROJECTION AND QUANTITY OF ANCHOR BOLTS.

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 SMALL SHALL CONSIST OF 4 CYLINDERS 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.

5. THE CONTRACTOR'S METHOD OF MAINTAINING THE MINIMUM CURING TEMPERATURE AND CURING TECHNIQUE SHALL BE REVIEWED.

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 DISTANCES, SPACING, DRILL BIT SIZE, HOLE DEPTH, HOLE CLEANING PROCEDURES, ANCHOR MATERIAL, EMBEDMENT, AND INSTALLATION PROCEDURES INCLUDING CHECKING EXPIRATION DATE AND PROPER MIXING OF ADHESIVE.

MASONRY CONSTRUCTION INSPECTIONS

1. ALL MASONRY CONSTRUCTION FOR LOAD BEARING WALLS SHALL BE INSPECTED AND EVALUATED IN ACCORDANCE WITH THE REQUIREMENTS FOR LEVEL B QUALITY ASSURANCE AS OUTLINED IN TABLE 1.19.2 OF THE MASONRY CODE (TMS 402/ACI 530/ASCE 5).

STEEL CONSTRUCTION INSPECTIONS

1. PERIODICALLY VERIFY THAT THE PROPER MATERIALS FOR HIGH-STRENGTH BOLTS, STRUCTURAL STEEL AND WELD FILLER MATERIALS ARE BEING USED.

2. PERIODICALLY CHECK TIGHTENING OF HIGH-STRENGTH BOLTS USING THE TURN OF THE NUT METHOD WITH MATCH MARKING TECHNIQUES OR DIRECT TENSION INDICATOR BOLTS.

3. WELDING PROCEDURES, MATERIALS AND WELDER QUALIFICATIONS FOR ALL FIELD WELDING SHALL BE VERIFIED PRIOR TO THE START OF WORK.

4. PERIODIC INSPECTION OF WELDING IN PROGRESS AND VISUAL INSPECTION OF ALL FIELD WELDS SHALL BE MADE FOR ALL SINGLE PASS FILLET WELDS NOT EXCEEDING 5/16" IN SIZE AND FOR FLOOR DECK WELDING.

DESIGN LOADS

Table with columns: DEAD LOADS, ROOF LIVE LOADS, GROUND SNOW LOAD, WIND SPEED FOR RISK CATEGORY III & EXPOSURE C, BUILDING RISK CATEGORY, WIND EXPOSURE CATEGORY, INTERNAL PRESSURE COEFFICIENT, COMB. & CLADDING WIND PRESSURE, SEISMIC IMPORTANCE FACTOR, MAPPED SPECTRAL RESPONSE ACCELERATIONS, SITE CLASS, SPECTRAL RESPONSE COEFFICIENT, SEISMIC DESIGN CATEGORY. Includes values like 20 PSF, 10 PSF, 112 MPH, III, C, 0.18, Pwh30, 1.25, 0.589, 1.221, D, 0.522, 0.318, D.

BASIC SEISMIC-FORCE-RESISTING SYSTEMS (PER ASCE 7-16, TABLE 12.2-1): STRUCTURAL STEEL FRAMING, BUILDING FRAME SYSTEM, ORDINARY STEEL CONCENTRICALLY BRACE FRAMES

PRE-ENGINEERED METAL BUILDING FRAMING: C. MOMENT RESISTING FRAME SYSTEMS, 4. STEEL ORDINARY MOMENT FRAMES

Table with columns: RESPONSE MODIFICATION FACTOR, DESIGN BASE SHEAR, SEISMIC RESPONSE COEFFICIENT, ANALYSIS PROCEDURE. Includes values: R: 3.25 (STRUCTURAL STEEL), R: 1.50 (PRE-ENGINEERED METAL BUILDING), V: 0.20W (STRUCTURAL STEEL), V: 0.19W (PRE-ENGINEERED METAL BUILDING), Cs: 0.20 (STRUCTURAL STEEL), Cs: 0.19 (PRE-ENGINEERED METAL BUILDING).

EQUIVALENT LATERAL FORCE METHOD (PER ASCE 7-16, TABLE 12.6-1 & SECT. 12.8)

SEISMIC ZONE PER A.C.A. 12-80-101 ET. SEQ. ZONE: 1

CODES: 2021 ARKANSAS FIRE PREVENTION CODE A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

THE FOUNDATIONS AND STRUCTURAL FRAMING HAVE BEEN DESIGNED TO RESIST THE LOADS AND FORCES STATED ABOVE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2021 ARKANSAS FIRE PREVENTION CODE AND A.C.A. 12-80-101 ET. SEQ.

PRE-ENGINEERED METAL BUILDING DESIGN LOADS:

Table with columns: ROOF DEAD LOAD, COLLATERAL LOAD, ROOF LIVE LOAD, SNOW LOAD, WIND LOAD, SEISMIC LOAD, CODES. Includes values: ACTUAL WEIGHT OF THE STRUCTURE, HAGNING EQUIPMENT, LIGHTS, CEILINGS, ETC., (7 PSF MINIMUM COLLATERAL DEAD LOAD INCLUDE ACTUAL WEIGHT OF SUSPENDED EQUIPMENT.), 20 PSF (PURLINS & FRAMES), LIVE LOAD REDUCTIONS WILL NOT BE ALLOWED., (SEE DESIGN LOADS ABOVE), (SEE DESIGN LOADS ABOVE), (SEE DESIGN LOADS ABOVE), 2021 ARKANSAS FIRE PREVENTION CODE MBMA METAL BUILDING SYSTEMS MANUAL (LATEST EDITION) A.C.A. 12-80-101 ET. SEQ. (ARKANSAS STATE LAW)

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

Table with columns: 28 DAY MIN COMPRESSIVE STRENGTH (PSI), MIN CEMENT CONTENT (LBS/YARD^3), MAXIMUM PERMISSIBLE W/C RATIO, NON-AIR ENTRAINED, AIR ENTRAINMENT, MIN CEMENT CONTENT (LBS/YARD^3), MAXIMUM PERMISSIBLE W/C RATIO, DESIGN SLUMP w/VRA. Includes values: 3000, 470, 0.53, NA, NA, 4"+/-1", 4000, 564, 0.44, 611, 0.40, 6"+/-1".

COLD-FORMED STRUCTURAL STEEL FRAMING CONT'D

4. ALL COLD-FORMED STEEL STUD SECTIONS ARE IDENTIFIED ACCORDING TO THE DESIGNATIONS GIVEN IN THE "STEEL STUD MANUFACTURERS ASSOCIATION" (SSMA) PRODUCT TECHNICAL INFORMATION MANUAL. SEE SSMA FOR MINIMUM SECTION PROPERTIES.

EXAMPLE: 600S162-43

600 = MEMBER DEPTH (600 x 11/16 INCHES = 6")

S = STYLE (S = STUD, T = TRACK, U = CHANNEL)

162 = FLANGE WIDTH (162 x 1/16 INCHES = 1.625" = 1-5/8")

43 = MATERIAL THICKNESS (43 = 43 MILS x 1/1600 INCHES = 0.043")

YIELD STRENGTH SHALL BE 33 KSI UNLESS NOTED ON PLANS AS FOLLOWS:

600S162-43 (50 KSI) - FOR 50 KSI YIELD STRENGTH

5. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

6. PROVIDE COLUMNS BUILT-UP OF MULTIPLE STUDS (2 STUDS MIN.) FOR HEADER AND BEAM BEARING.

7. ALL STUDS AT LOADBEARING WALLS SHALL BE CUT FULL LENGTH WITH TRACKS (TOP & BOTTOM) INSTALLED TIGHT AGAINST ENDS OF STUDS. NO GAPS BETWEEN END OF STUDS AND TRACK WILL BE ALLOWED IN LOAD BEARING STUDS.

8. ALL COLD-FORMED STEEL FRAMING SHAPES (SUCH AS Z-PURLINS, C-PURLINS, HAT CHANNELS AND EAWE STRUTS) ARE IDENTIFIED ACCORDING TO THE DESIGNATIONS GIVEN IN THE LIGHT GAGE STEEL INSTITUTE (LGS) "LIGHT GAGE STRUCTURAL STEEL FRAMING SYSTEM DESIGN HANDBOOK". SEE LGS FOR MINIMUM SECTION PROPERTIES.

PRE-ENGINEERED METAL BUILDING SYSTEMS

1. METAL BUILDING MANUFACTURER SHALL PROVIDE 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.

2. METAL BUILDING SHOP DRAWINGS WILL NOT BE REVIEWED IF THE LAYOUT DOES NOT FOLLOW THE LAYOUT PROPOSED IN THE CONTRACT DRAWINGS AND IF ANY DEVIATIONS FROM THE PROPOSED LAYOUT ARE NOT CLEARLY MARKED ON THE SHOP DRAWINGS OR APPROVED IN WRITING PRIOR TO SUBMITTAL.

3. METAL BUILDING FRAMING AND MEMBERS SHOWN ARE SUGGESTED ONLY. MANUFACTURER IS RESPONSIBLE FOR COORDINATING REQUIREMENTS WITH OWNER AND PROVIDING A COMPLETE STRUCTURAL FRAMING SYSTEM DESIGNED BY THE MANUFACTURER. METAL BUILDING MANUFACTURER SHALL COORDINATE ALL DIMENSIONS, ELEVATIONS, BRACING, AND SIZES AND SHAPES OF MEMBERS WITH OWNER PRIOR TO FABRICATION AND CONSTRUCTION. ALL MEMBERS, CONNECTIONS AND DECKING NOT SPECIFICALLY SIZED ON DRAWINGS SHALL BE UNDERCUT AND SUPPLIED BY THE METAL BUILDING MANUFACTURER.

4. METAL BUILDING VERTICAL BRACING SHALL CONSIST OF PORTAL FRAMES AT THE LOCATIONS SHOWN ON THE PLANS. THE METAL BUILDING MANUFACTURER SHALL COORDINATE THE LOCATION OF ALL BRACES TO MINIMIZE INTERFERENCE WITH ARCHITECTURAL FEATURES. ROD OR CABLE BRACES MAY NOT BE SUBSTITUTED WHERE PORTAL FRAMES ARE SHOWN. WHERE X-BRACES ARE USED, THE METAL BUILDING MANUFACTURER SHALL CLEARLY IDENTIFY TO THE ARCHITECT WHERE ALL INTERFERENCES WITH ARCHITECTURAL FEATURES. WHERE ARCHITECTURAL FEATURES (COLUMN SURROUNDS, CEILING, FURR DOWNS, ETC) ARE PROVIDED TO COVER OR SURROUND THE METAL BUILDING COMPONENTS (COLUMNS, FRAMES, ETC.), THE METAL BUILDING COMPONENTS SHALL BE SIZED TO STAY WITHIN THE LIMITS OF THE ARCHITECTURAL FEATURES UNLESS THE ARCHITECT IS NOTIFIED IN WRITING PRIOR TO SUBMISSION OF THE APPROVAL DRAWINGS AND APPROVAL IS GIVEN FOR AN EXCEPTION.

5. MAXIMUM PURLIN LIVE LOAD DEFLECTION FOR PURLINS SUPPORTING CEILINGS SHALL NOT EXCEED SPAN/360 OR 1", WHICHEVER IS LESS. MAXIMUM PURLIN LIVE LOAD DEFLECTION FOR PURLINS NOT SUPPORTING CEILINGS SHALL NOT EXCEED SPAN/180.

6. FRAME LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/360 OR 1-1/2" FOR FRAMES SUPPORTING CEILINGS.

7. MAXIMUM GIRT LATERAL DEFLECTION FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED SPAN/240 FOR GIRTS PROVIDING LATERAL SUPPORT FOR METAL SIDING ONLY. MAXIMUM GIRT LATERAL DEFLECTION FROM WIND OR SEISMIC LOADS SHALL NOT EXCEED SPAN/360 FOR GIRTS PROVIDING LATERAL SUPPORT FOR BRICK.

8. MAXIMUM LATERAL SIDESWAY (DRIFT) FROM WIND OR GRAVITY LOADS SHALL NOT EXCEED WALL HEIGHT/240. SEISMIC DRIFT SHALL BE WITHIN THE LIMITS DESCRIBED IN ASCE 7, TABLE 12.12-1 WITH ACTUAL DRIFT DETERMINED PER SECTION 12.8.6.

9. THE GENERAL CONTRACTOR AND METAL BUILDING MANUFACTURER SHALL BE RESPONSIBLE FOR OVERALL BUILDING COORDINATION. ALL COORDINATION OF THE INTERFACE AND COMPATIBILITY BETWEEN THE METAL BUILDING AND THE ARCHITECTURAL FEATURES SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THE METAL BUILDING MANUFACTURER. ACCORDINGLY ALL MISCELLANEOUS FRAMING REQUIRED TO SUPPORT THE BASKETBALL GOALS SHALL BE PROVIDED AND SHALL BE ATTACHED ONLY TO THE MAIN FRAMING MEMBERS WITHOUT ANY ATTACHMENT TO THE PURLINS OR ROOFING.

10. DESIGN OF THE METAL BUILDING USING DEAD, LIVE, SEISMIC, WIND AND SNOW LOADS IN THE CODE REQUIRED COMBINATIONS SHALL BE PERFORMED BY THE METAL BUILDING MANUFACTURER.

EARTHWORK & FOUNDATION NOTES

EXCAVATION & FILL

1. ALL UNDERCUTTING, SITE PREPARATION, FILL SELECTION, BACKFILLING AND COMPACTION SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND SOILS ENGINEER'S RECOMMENDATIONS.

2. SELECT FILL BENEATH THE BUILDING SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" LOOSE THICKNESS AND COMPACTED TO AT LEAST 98% OF STANDARD PROCTOR DRY DENSITY (ASTM D698).

3. THE IN-PLACE DENSITY AND MOISTURE CONTENT SHALL BE ESTABLISHED AND APPROVED FOR EACH LIFT PRIOR TO PLACEMENT OF SUBSEQUENT LIFTS.

3. SUBGRADE PREPARATION, INCLUDING UNDERCUTS WHERE REQUIRED, SHALL EXTEND AT LEAST 5'-0" BEYOND BUILDING LIMITS.

COLLATERAL LOAD: HAGNING EQUIPMENT, LIGHTS, CEILINGS, ETC. (7 PSF MINIMUM COLLATERAL DEAD LOAD INCLUDE ACTUAL WEIGHT OF SUSPENDED EQUIPMENT.)

SPREAD FOOTINGS

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 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 REPRESENTATIVE.

2. ALL SPREAD FOOTINGS SHALL BE FOUNDED IN PROPERLY COMPACTED SELECT FILL WITH AN ALLOWABLE NET BEARING CAPACITY OF AT LEAST 2000 PSF. (REF: GEOTECHNICAL INVESTIGATION, JOB NO. LR240081 DATED MAY 30, 2024 BY BUILDING AND EARTH.)

3. 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.

3. SPECIAL INSPECTION REPORT SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.

3. 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.

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3. SPECIAL INSPECTION REPORT SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.

3. 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.

3. SPECIAL INSPECTION REPORT SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE TO PERFORM THE REQUIRED INSPECTION TO THE SATISFACTION OF THE BUILDING OFFICIAL.

MASONRY NOTES CONT'D

10. ALL CMU SHALL HAVE 9 GAUGE TRUSS TYPE JOINT REINFORCEMENT AT 16" ON CENTER VERTICALLY ABOVE GRADE AND 0" ON CENTER VERTICALLY BELOW GRADE UNLESS NOTED OTHERWISE.

11. IN SEISMIC DESIGN CATEGORY D, E, OR F, BOND BEAMS WITH (2) #4 CONTINUOUS HORIZONTAL BARS SHALL BE PLACED AT A MAXIMUM OF 4'-0" ON CENTER VERTICALLY TO PROVIDE THE HORIZONTAL REINFORCING REQUIRED BY THE BUILDING CODE.

METALS NOTES

STRUCTURAL STEEL

1. STRUCTURAL STEEL SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.

2. ALL STRUCTURAL STEEL SHAPES SHALL BE AS FOLLOWS:

- A. ALL WIDE FLANGE STRUCTURAL STEEL SHAPES SHALL BE ASTM A992.
B. SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SECTIONS SHALL BE ASTM A500, 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.
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 - WELDABILITY) UNLESS NOTED OTHERWISE.

4. STRUCTURAL BOLTS SHALL BE ASTM A325-N, UNLESS OTHERWISE NOTED.

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 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.

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 OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HLTI "HT-RE 500-SD" SYSTEM (REF: ICC-ES ESR-2322), SIMPSON STRONG-TIE "SET-XP" SYSTEM (REF: ICC-ES ESR-2509), (OR APPROVED EQUAL).

7. POST-INSTALLED ADHESIVE ANCHORS IN CONCRETE FILLED CMU CELLS 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 OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HLTI "HT-RE 500-SD" SYSTEM (REF: ICC-ES ESR-2682), SIMPSON STRONG-TIE "SET" SYSTEM (REF: ICC-ES ESR-1772), (OR APPROVED EQUAL).

8. POST-INSTALLED SCREW ANCHORS SHALL BE HLTI "KWIK HUS EZ" (REF: ICC-ES ESR-3027), SIMPSON STRONG-TIE "TITEN HD" (REF: ICC-ES ESR-2713), (OR APPROVED EQUAL), UNLESS NOTED OTHERWISE.

9. POST-INSTALLED ANCHORS IN CONCRETE IN BUILDINGS UNDER SEISMIC CATEGORY C & D SHALL BE HLTI "HDI" ANCHORS (REF: ICC-ES ESR-1546), SIMPSON STRONG-TIE "TORO-CUT" UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ADHESIVE SHALL BE HLTI "HT-RE 500-SD" SYSTEM (REF: ICC-ES ESR-2682), SIMPSON STRONG-TIE "SET" SYSTEM (REF: ICC-ES ESR-1772), (OR APPROVED EQUAL).

10. CONNECTIONS WITH HIGH STRENGTH BOLTS SHALL BE DESIGNED CONSIDERING BOLT THREADS INCLUDED IN THE SHEAR PLANE (A325-N). ALL BOLTING SHALL BE INSTALLED BY THE TURN OF THE NUT METHOD, REMOVABLE LOAD INDICATOR BOLTS, OR CALIBRATED WRENCH. SNUG TIGHT BOLTING WILL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE CONTRACT DRAWINGS.

11. ALL HIGH STRENGTH BOLTED CONNECTIONS (EXCEPT COMPOSITE FLOOR BEAM CONNECTIONS) SHALL BE BEARING TYPE SELECTED TO SUPPORT ONE-HALF (1/2) OF THE TOTAL UNIFORM LOAD INCLUDING LATERAL, REMOVABLE LOAD INDICATOR BOLTS, OR CALIBRATED WRENCH. SNUG TIGHT BOLTING WILL NOT BE PERMITTED UNLESS SPECIFICALLY DETAILED ON THE CONTRACT DRAWINGS.

12. 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 WELDING.

13. DO NOT PRIME PAINT STEEL THAT RECEIVES SPRAYED FIREPROOFING.

14. ALL STEEL LINTELS AND SHELF ANGLES SHALL BE COATED WITH A ZINC RICH PRIMER.

15. ALL STRUCTURAL STEEL EXPOSED TO WEATHER (SUCH AS MECHANICAL FRAMES) SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.

16. WHERE STEEL BACKING IS USED IN CONNECTIONS WITH COMPLETE-JOINT PENETRATION (CJP) FLANGE WELDS, STEEL BACKING AND TABS SHALL BE REMOVED EXCEPT THAT TOP FLANGE BACKING ATTACHED TO THE COLUMN BY A CONTINUOUS FILLET WELD ON THE EDGE BELOW THE CJP GROOVE WELD NEED NOT BE REMOVED. REMOVAL OF STEEL BACKING AND TABS SHALL BE AS FOLLOWS:

- A. FOLLOWING THE REMOVAL OF BACKING, THE ROOT PASS SHALL BE BACKGROUDED TO SOUND WELD METAL AND TABS SHALL BE REMOVED EXCEPT THAT TOP FLANGE BACKING ATTACHED TO THE COLUMN BY A CONTINUOUS FILLET WELD ON THE EDGE BELOW THE CJP GROOVE WELD NEED NOT BE REMOVED. REMOVAL OF STEEL BACKING AND TABS SHALL BE AS FOLLOWS:
B. WELD TAB REMOVAL SHALL EXTEND TO WITHIN 1/8" (3 mm) OF THE BASE METAL SURFACE EXCEPT AT CONTINUITY PLATES WHERE REMOVAL TO WITHIN 1/4" (6 mm) OF THE PLATE EDGE IS ACCEPTABLE. EDGES OF THE WELD TAB SHALL BE FINISHED TO A SURFACE ROUGHNESS VALUE OF 500 MICRO-IN. (13 MICROMETERS) OR BETTER. GRINDING TO A FLUSH CONDITION IS NOT REQUIRED. GOUGES AND NOTCHES ARE NOT PERMITTED. THE TRANSITIONAL SLOPE OF ANY AREA WHERE GOUGES AND NOTCHES HAVE BEEN REMOVED SHALL NOT EXCEED 1:5. MATERIAL REMOVED BY GRINDING THAT EXTENDS MORE THAN 1/16" (2 mm) BELOW THE SURFACE OF THE BASE METAL SHALL BE FILLED WITH WELD METAL. THE CONTOUR OF THE WELD AT THE ENDS SHALL PROVIDE A SMOOTH TRANSITION, FREE OF NOTCHES AND SHARP CORNERS.

22. WHERE WELD ACCESS HOLES ARE PROVIDED, THEY SHALL BE AS SHOWN IN FIGURE 11.1-4 OF ANSIAISC 341-02 (AISC SEISMIC PROVISIONS, DATED MAY 21, 2002). THE WELD ACCESS HOLE SHALL BE GROUND SMOOTH TO A SURFACE ROUGHNESS VALUE NOT TO EXCEED 500 MICRO-IN. (13 MICROMETERS), AND SHALL BE FREE OF NOTCHES AND GOUGES.

METAL JOISTS

1. METAL JOIST SUPPLIER SHALL SUBMIT SHOP DRAWINGS PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.

3. METAL JOISTS SHALL BE DESIGNED, MANUFACTURED, AND BRIDGED TO CONFORM TO THE "STEEL JOIST INSTITUTE" STANDARD SPECIFICATION. PROVIDE RECOMMENDED CAMBER FOR THE JOIST SPAN. DO NOT WELD EXTENDED BOTTOM CHORDS OF JOISTS UNTIL ALL DEAD LOAD IS IN PLACE. PROVIDE SLOPED AND SKEWED SEATS ON ALL JOISTS AS REQUIRED. PROVIDE UPLIFT BRIDGING AND DESIGN JOISTS FOR A NET UPLIFT OF 12 PSF. ALL BRIDGING SHALL BE DESIGNED AND SUPPLIED BY THE JOIST MANUFACTURER.

4. DO NOT PRIME PAINT METAL JOISTS THAT WILL RECEIVE SPRAYED FIREPROOFING.

METAL DECKING

1. METAL DECKING SUPPLIER SHALL SUBMIT SHOP DRAWINGS PREPARED UNDER THE DIRECT SUPERVISION OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.

2. ROOF DECKING SHALL BE 1.5622 PAINTED ROOF DECK ATTACHED TO THE STRUCTURE WITH 5/8" DIAMETER PUDDLE WELDS IN A 36x4 PATTERN AND (4) #10 TEK SCREW SIDELAP FASTENERS BETWEEN SUPPORTS.

3. POWDER ACTUATED OR PNEUMATIC FASTENERS MAY NOT BE SUBSTITUTED FOR PUDDLE WELDS.

COLD-FORMED STRUCTURAL STEEL FRAMING

1. COLD-FORMED METAL FRAMING SUPPLIER 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.

2. SHOP DRAWINGS SHALL DETAIL A COMPLETE SYSTEM SHOWING MEMBER SIZES, SPACING AND CONNECTIONS TO THE STRUCTURE.

3. ALL STRUCTURAL STUDS, TRACK, BRIDGING, END CLOSURES AND ACCESSORIES SHALL BE FORMED FROM STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A653/A653M.

STRUCTURAL NOTES

GENERAL NOTES

1. THE CONTRACTOR SHALL THOROUGHLY REVIEW ALL CONTRACT DOCUMENTS AND INFORM THE ARCHITECT OF CONFLICTS OR DISCREPANCIES PRIOR TO BIDDING, FABRICATION, AND CONSTRUCTION.

2. IN CASES OF DISCREPANCIES IN DIMENSIONS AND ELEVATIONS BETWEEN STRUCTURAL AND ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION.

3. THE CONTRACTOR SHALL COORDINATE THE FIELD VERIFICATION OF ALL EXISTING SITE 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.

4. REPRODUCTION OF CONTRACT DRAWINGS, IN ANY FORM, WILL NOT BE ACCEPTED AS SHOP DRAWINGS.

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 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 PROCEDURES OF CONSTRUCTION.

6. CONTRACTOR SHALL PROVIDE TEMPORARY GUYS AND BRACING AS REQUIRED DURING CONSTRUCTION. STRUCTURE IS NOT STABLE UNTIL ALL STRUCTURAL MEMBERS, CONNECTIONS, AND DECKING IS IN PLACE.

7. ACI, AISC, AITC AND AWS SPECIFICATIONS SHALL GOVERN ALL PHASES OF FABRICATION AND CONSTRUCTION.

CONCRETE NOTES

CONCRETE REINFORCEMENT

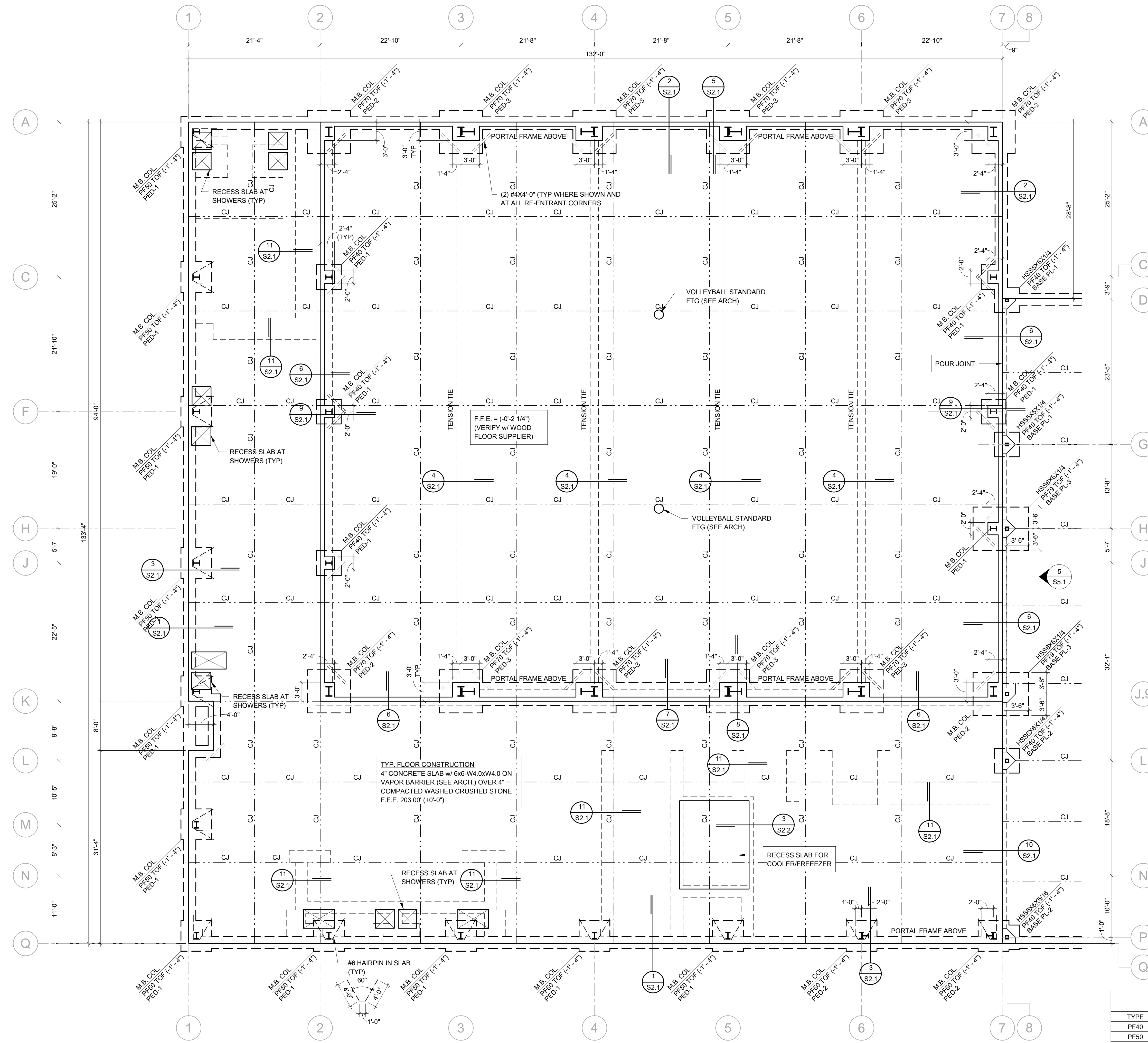
1. CONCRETE REINFORCEMENT SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO THE ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION.

2. ALL REINFORCING STEEL SHALL BE ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.

3. PROVIDE THE FOLLOWING PROTECTIVE COVERING FOR ALL REINFORCING BARS UNLESS DETAILED OR NOTED OTHERWISE:

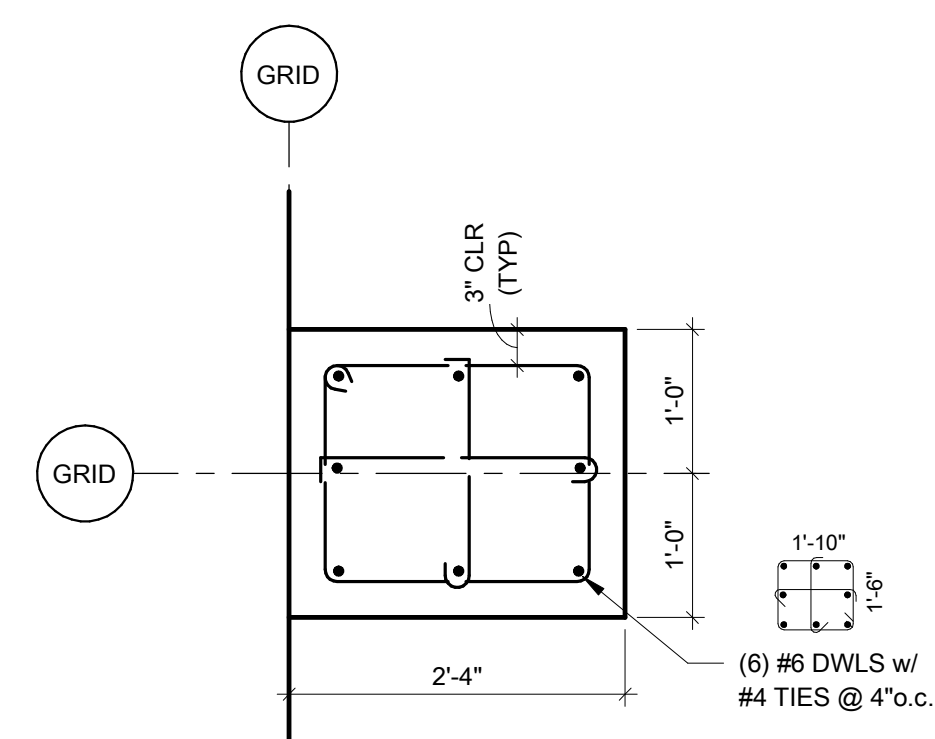
Table with columns: SLAB-ON-GRADE BARS (BOTTOM), BELOW GRADE (CAST AGAINST EARTH), BELOW GRADE (FORMED EDGE), BELOW GRADE (FORMED EDGE). Includes values: 3" CLEAR, 3" CLEAR, 2" CLEAR, 2" CLEAR.

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 BEND IT.

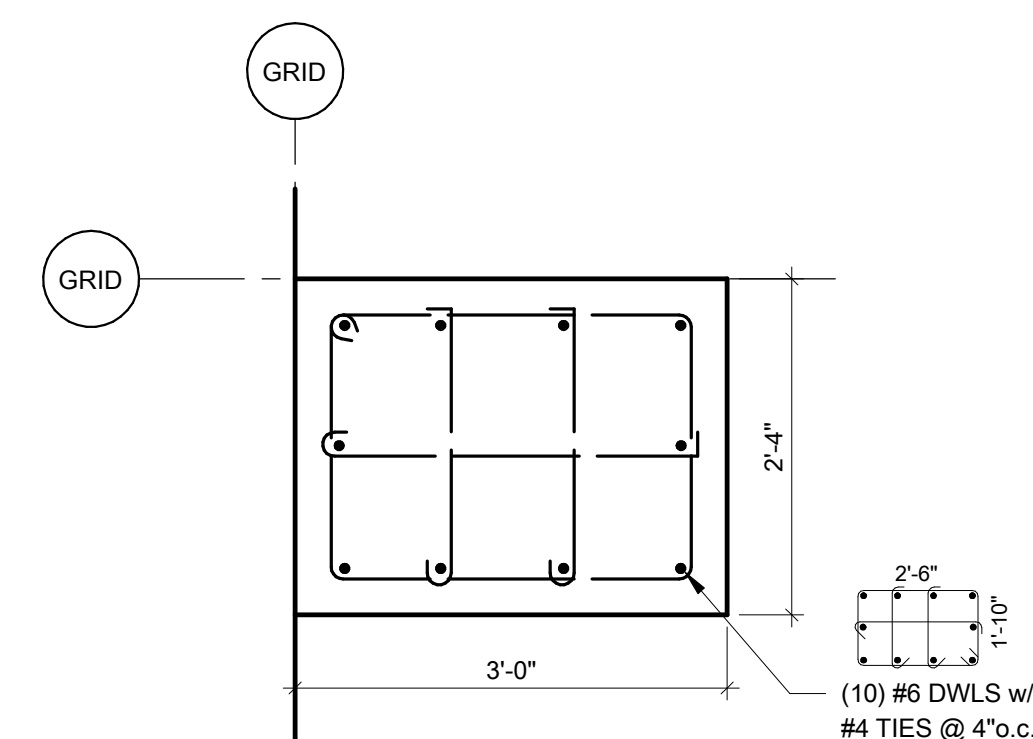


FOUNDATION PLAN - AREA A

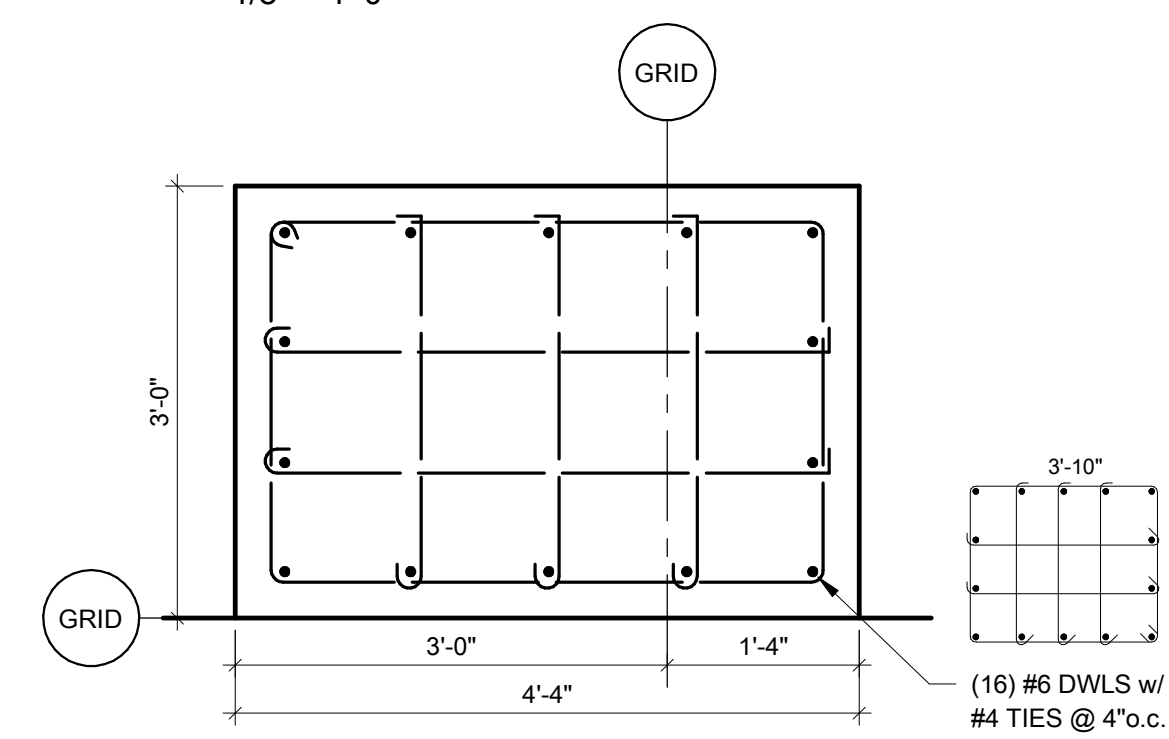
1/8" = 1'-0"



1 PED-1 2'-0" x 2'-4" PAD.
3/4" = 1'-0"



2 PED-2 2'-4" x 3'-0" PAD.
3/4" = 1'-0"



3 PED-3 3'-0" x 4'-4" PAD.
3/4" = 1'-0"

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Structural Engineers
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Phone No: (501) 376-3752
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Professional Engineer
No. 15390
11/27/24

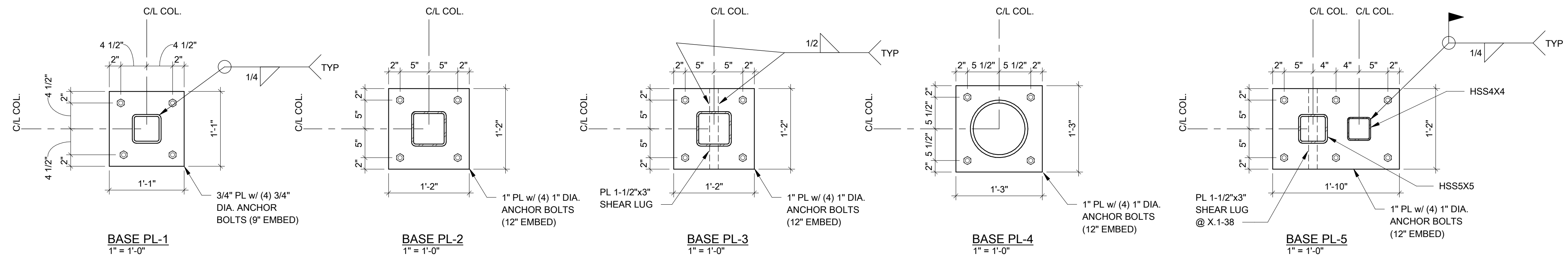
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FOUNDATION PLAN - AREA B
1/8" = 1'-0"



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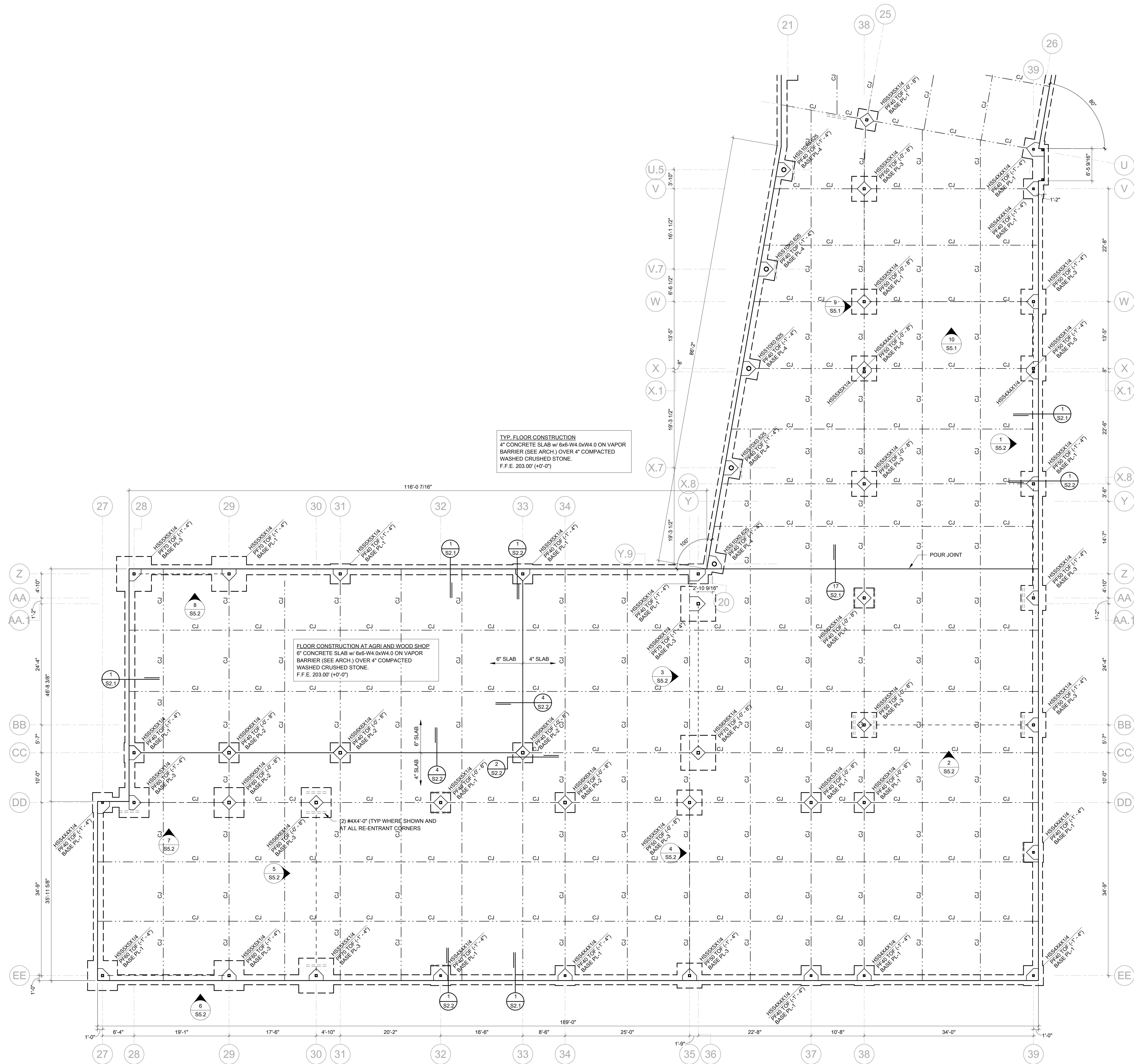
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SEVEN M. BEGGS
11/27/24

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FOUNDATION PLAN - AREA C
1/8" = 1'-0"

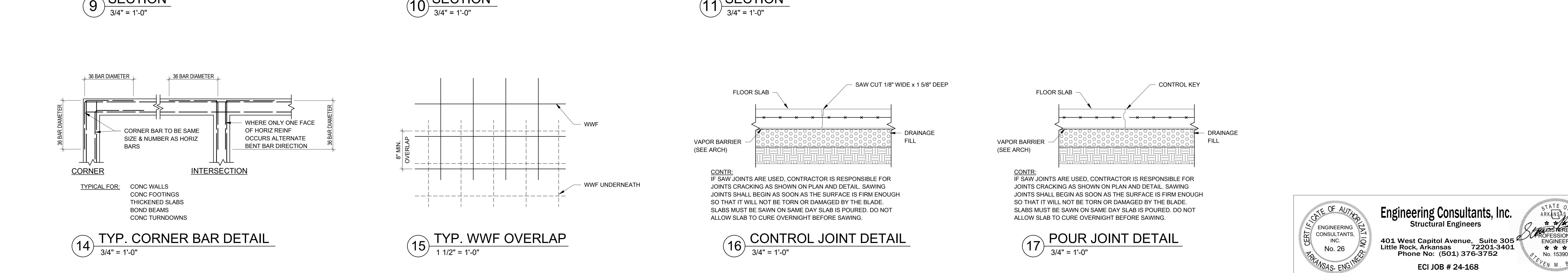
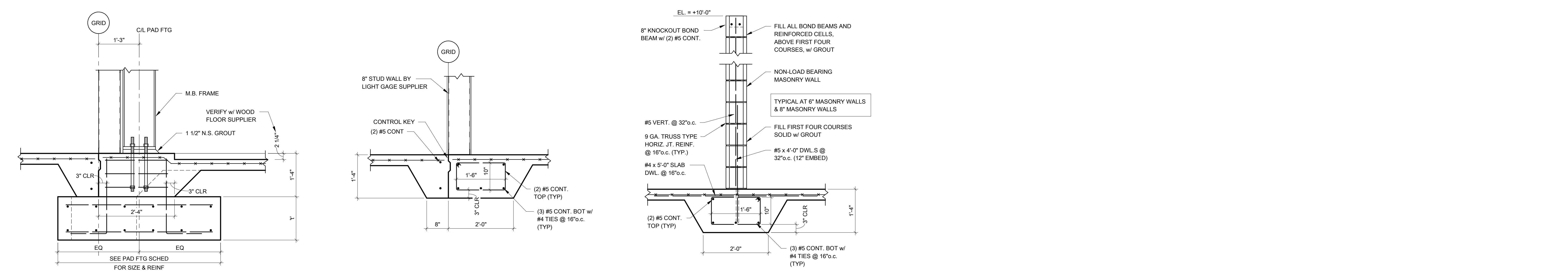
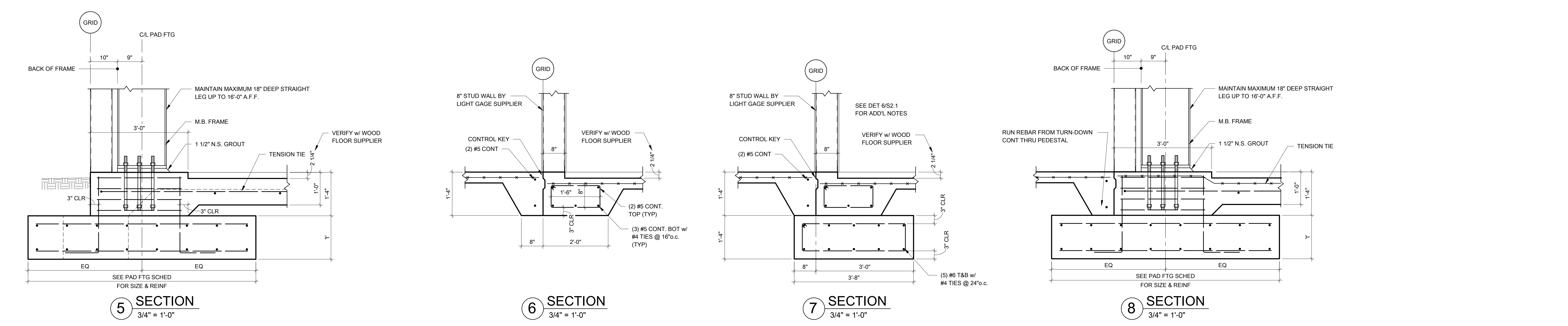
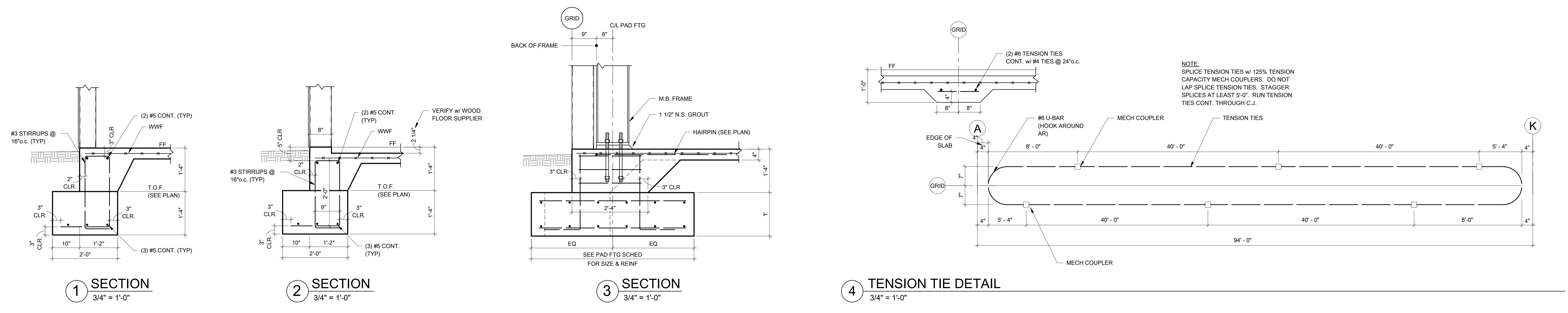
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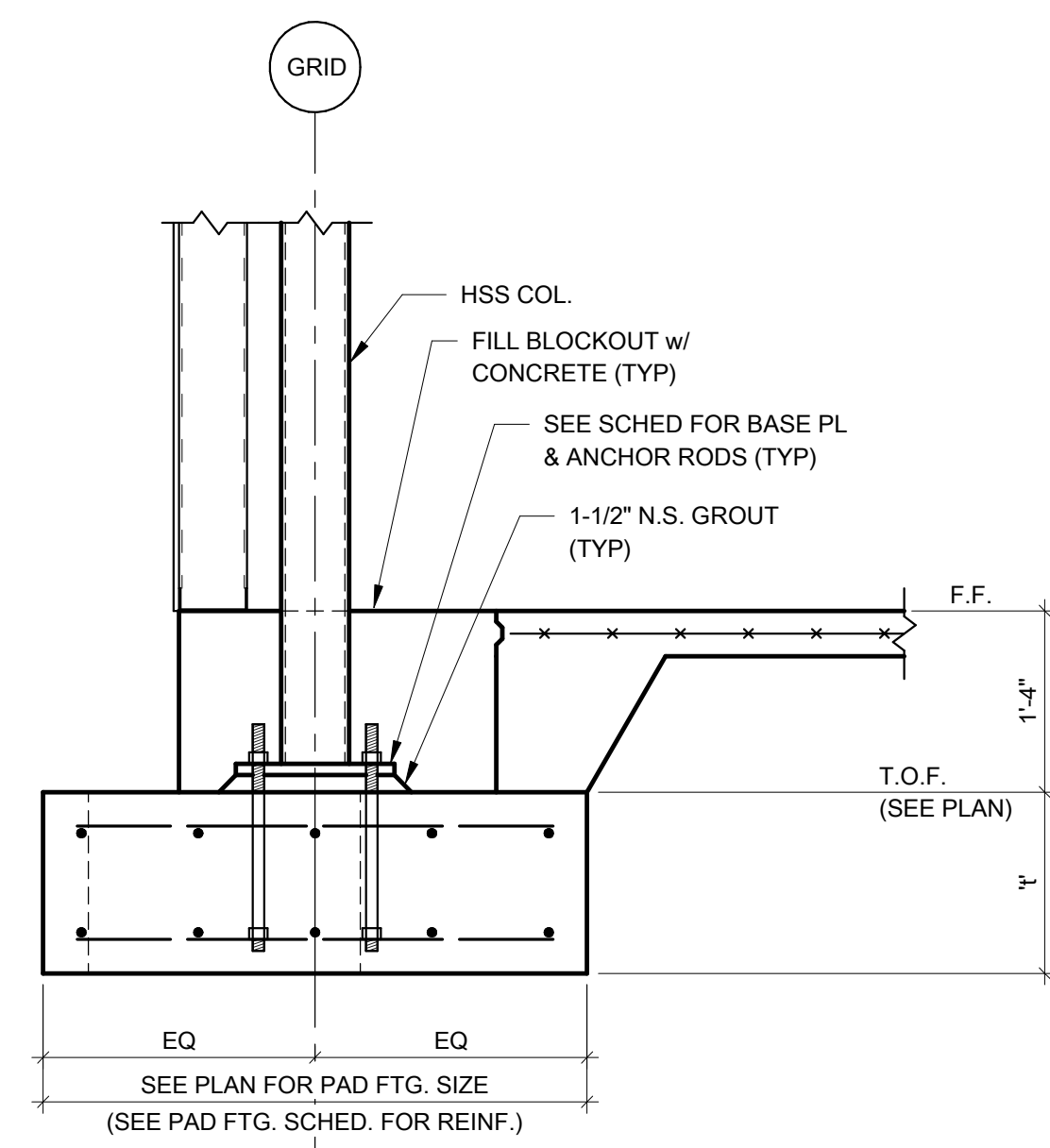


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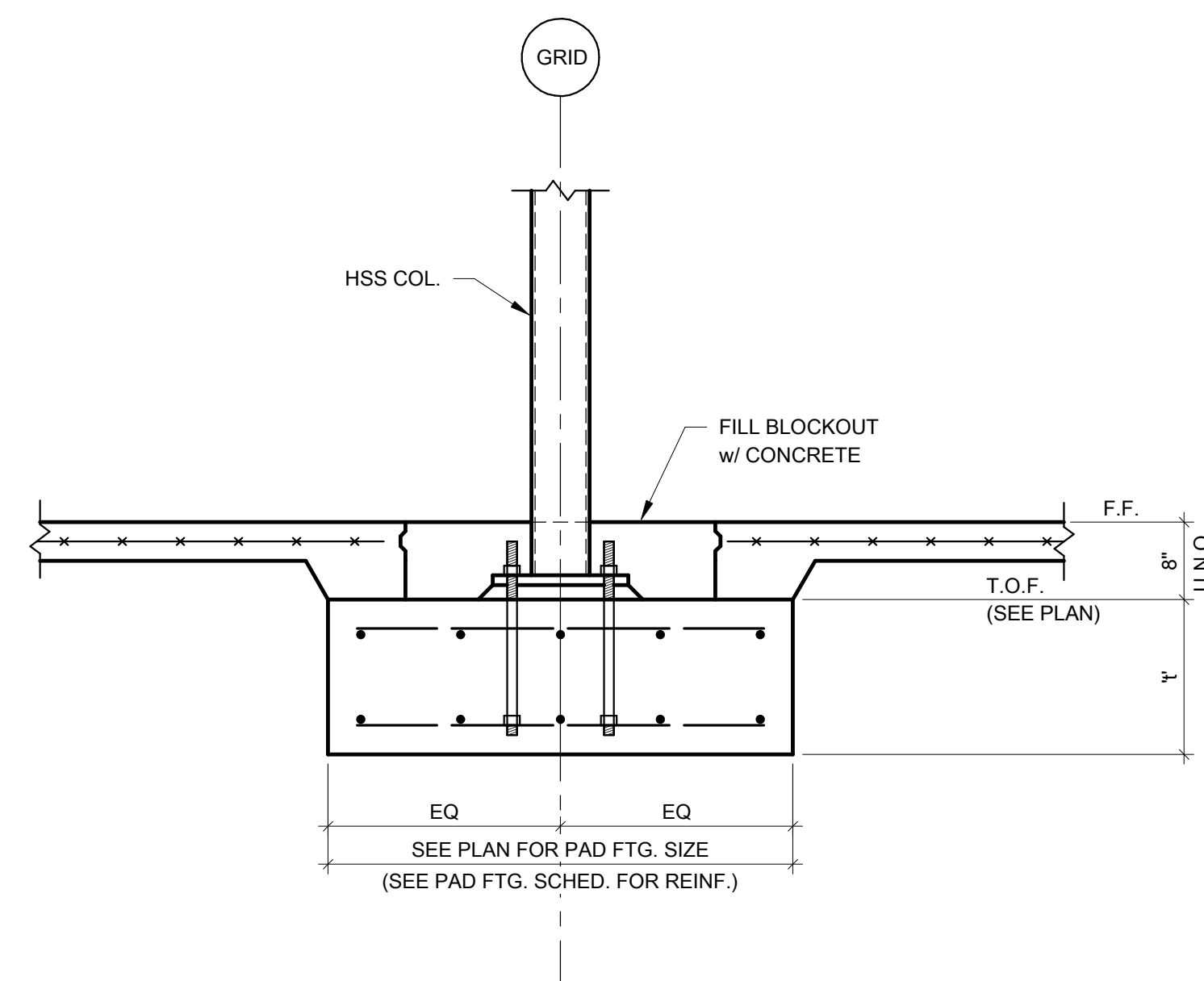
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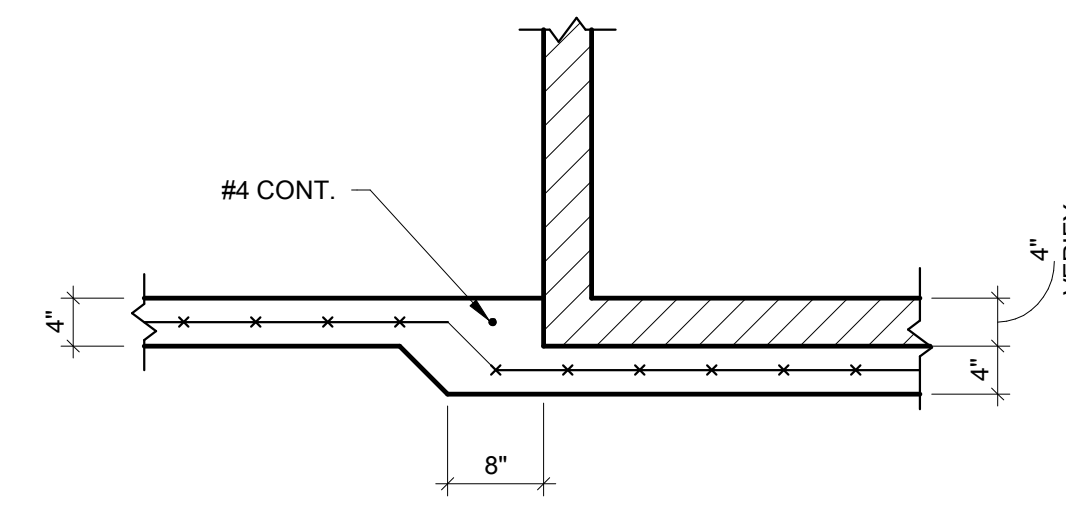
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PROFESSIONAL ENGINEER
No. 15390
S. EMMETT BESS
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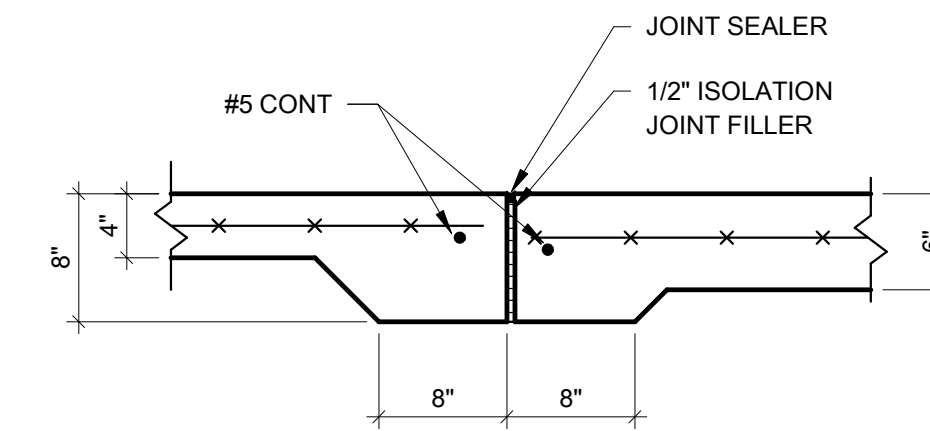
1 EXTERIOR COL. FOUNDATION
3/4" = 1'-0"



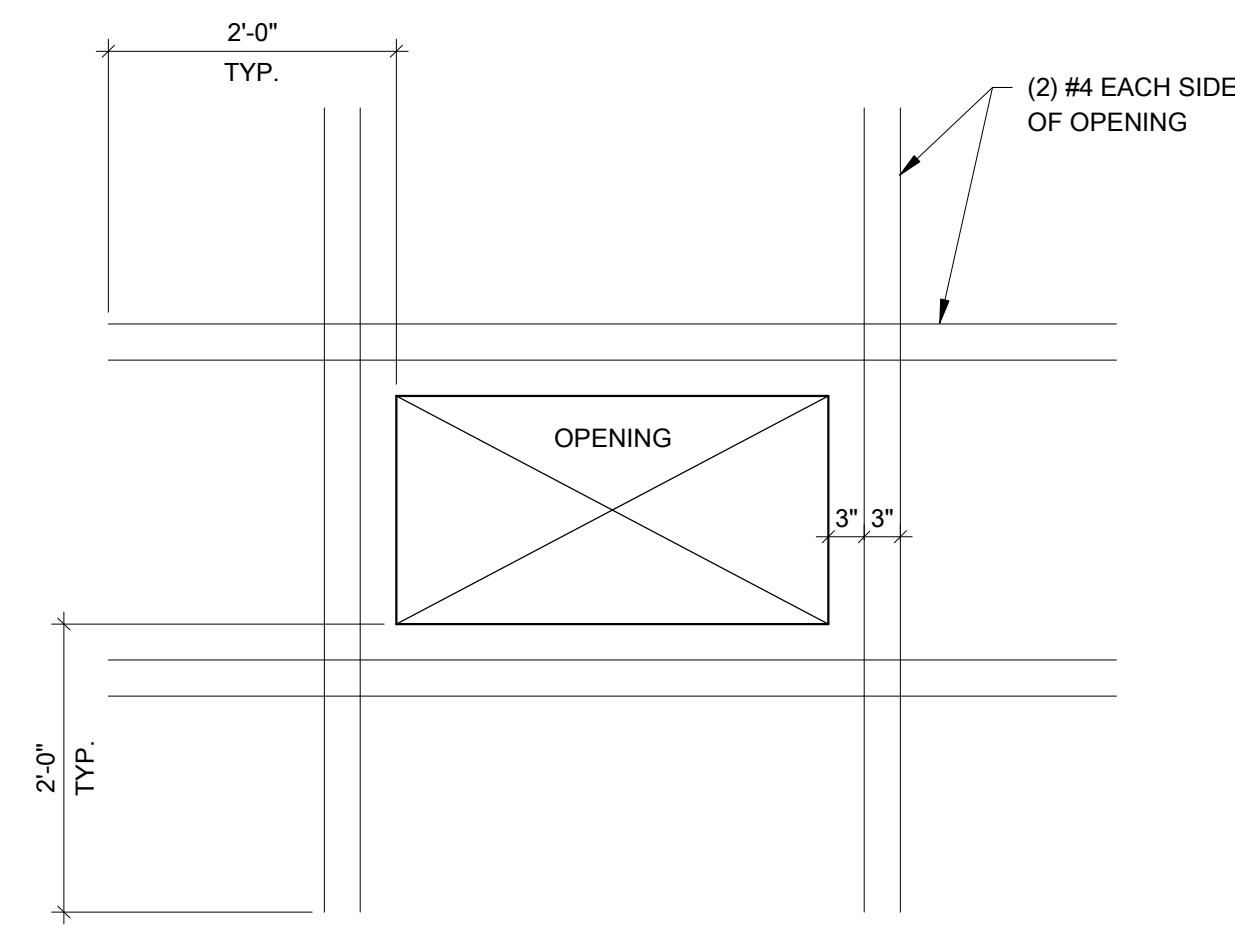
2 INTERIOR COL. FOUNDATION
3/4" = 1'-0"



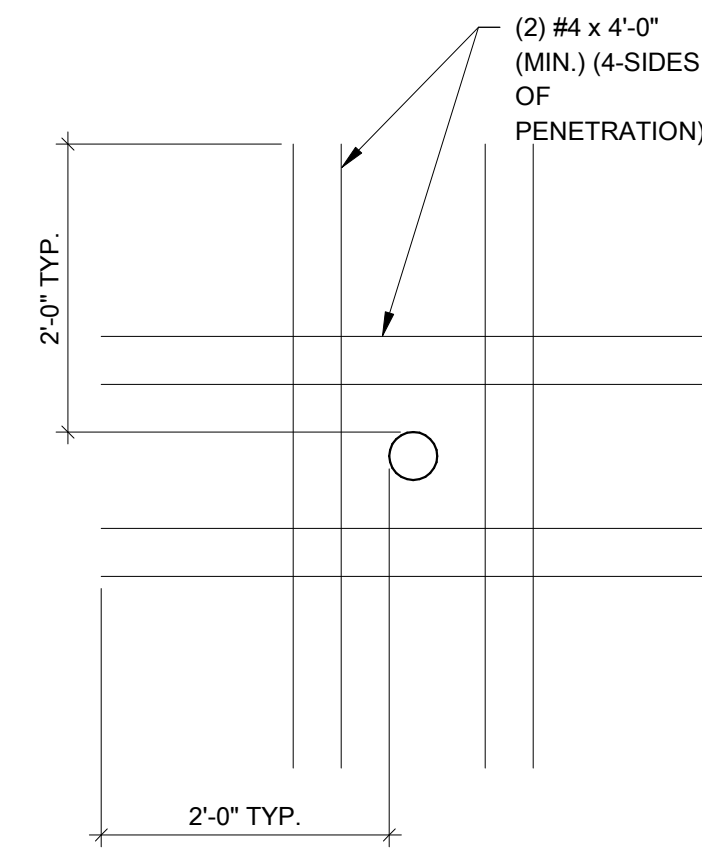
3 FREEZER INTERIOR FOUNDATION
3/4" = 1'-0"



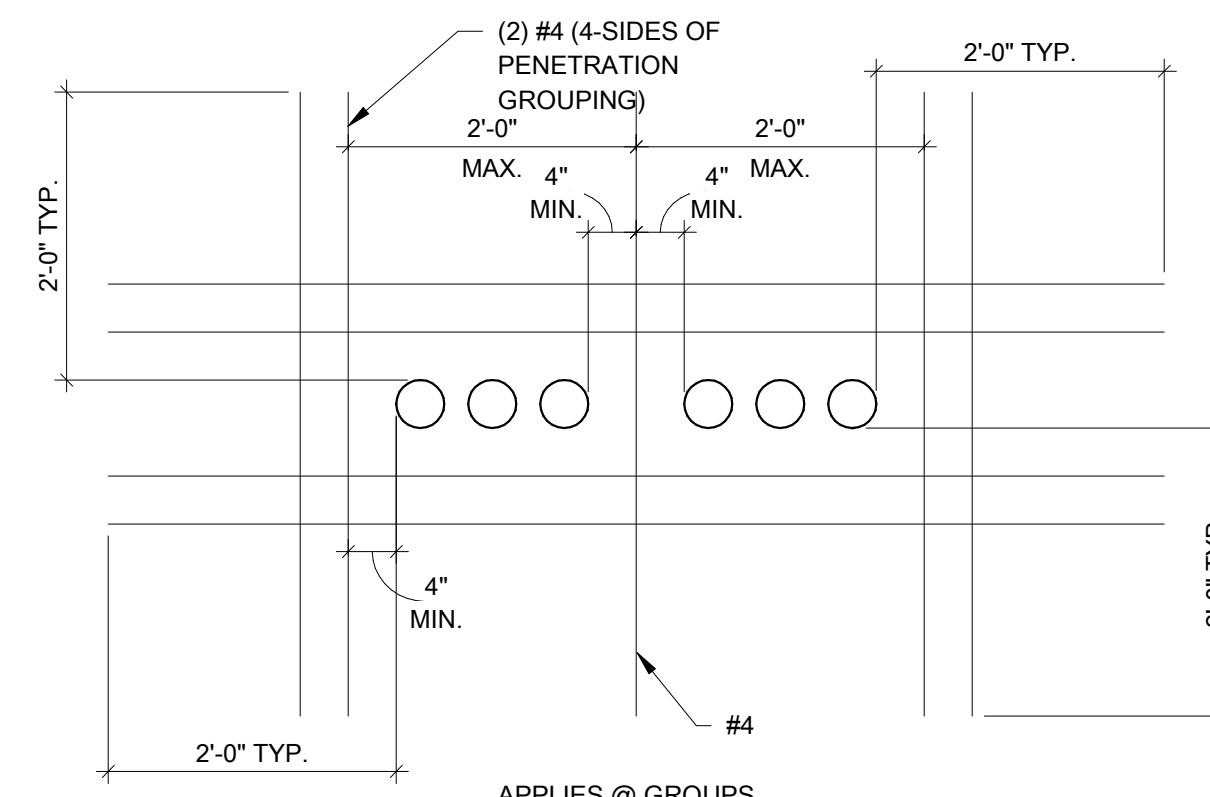
4 ISOLATION JOINT
1" = 1'-0"



TYP. @ OPENINGS & PIPING LARGER THAN 6\"/>



APPLIES AT PLUMBING PENETRATIONS



APPLIES @ GROUPS OF PIPE PENETRATIONS

5 TYP. REINF. @ SLAB OPENINGS & PENETRATIONS
3/4" = 1'-0"

PROJECT TITLE

BRINKLEY PUBLIC SCHOOLS
BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

CONTENTS

FOUNDATION DETAILS

REVISIONS

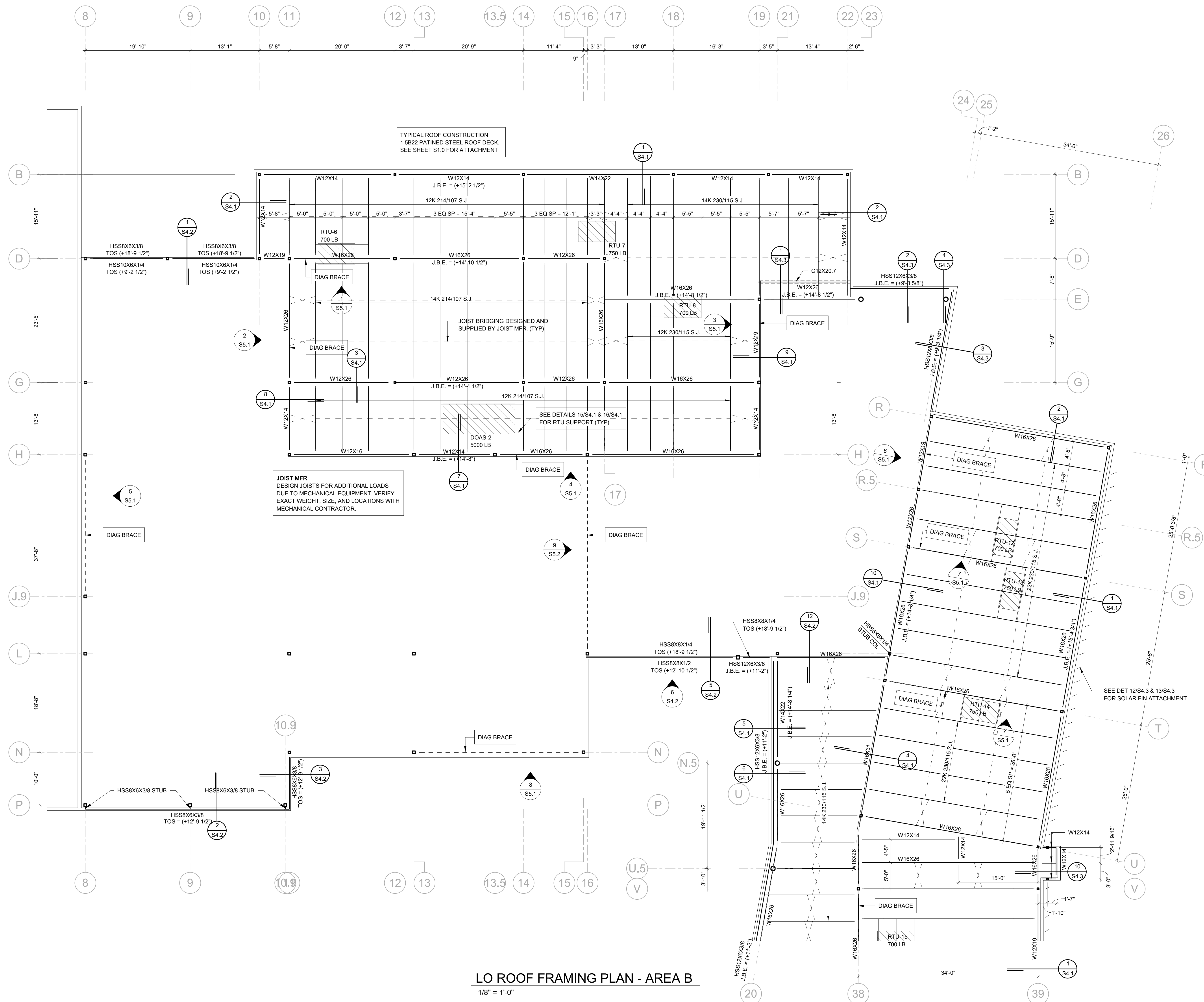
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SHEET

S2.2

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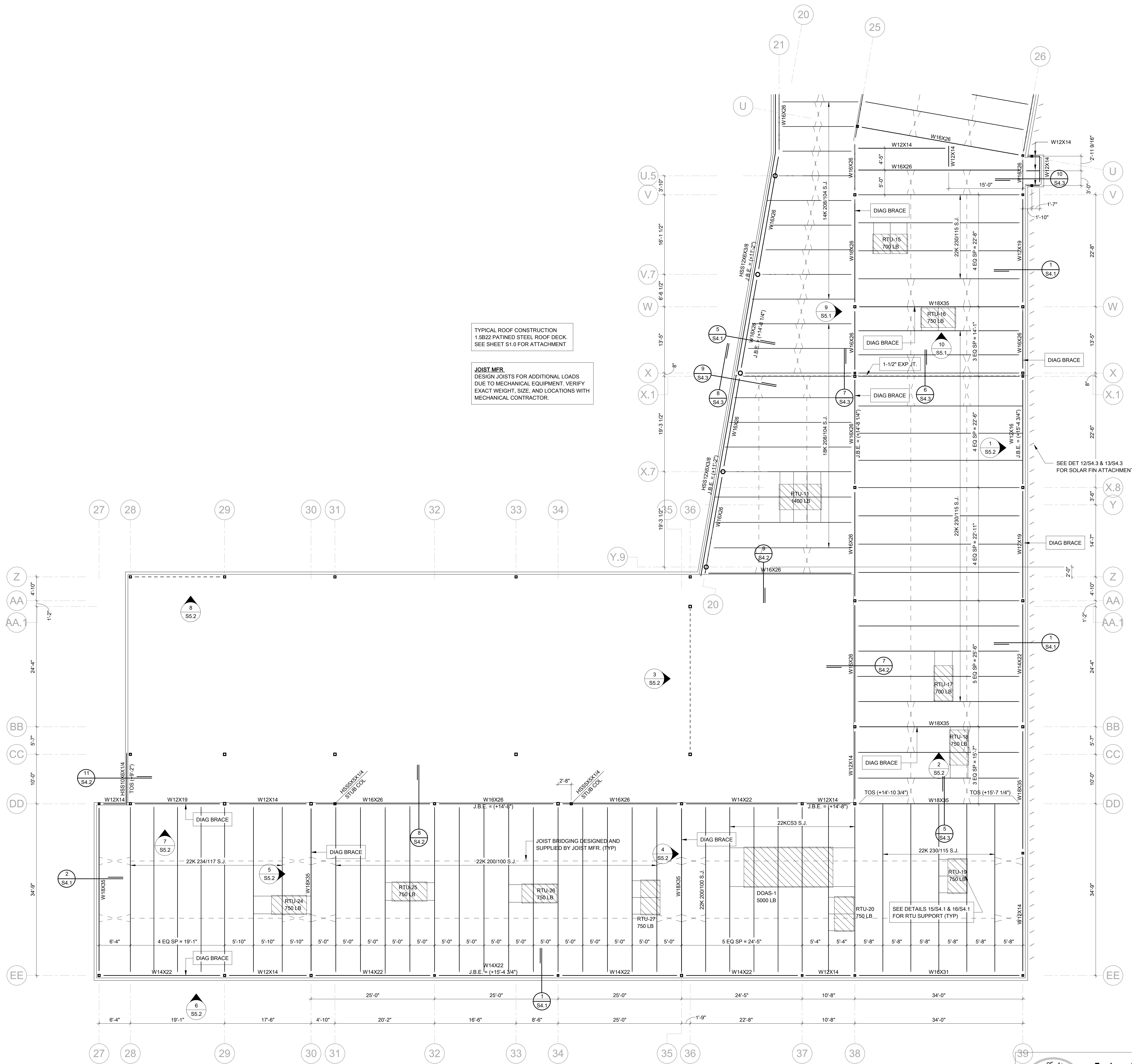
LO ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"

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TYPICAL ROOF CONSTRUCTION
1.5B22 PATINED STEEL ROOF DECK.
SEE SHEET S1.0 FOR ATTACHMENT

JOIST MFR
DESIGN JOISTS FOR ADDITIONAL LOADS
DUE TO MECHANICAL EQUIPMENT. VERIFY
EXACT WEIGHT, SIZE, AND LOCATIONS WITH
MECHANICAL CONTRACTOR.

LO ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

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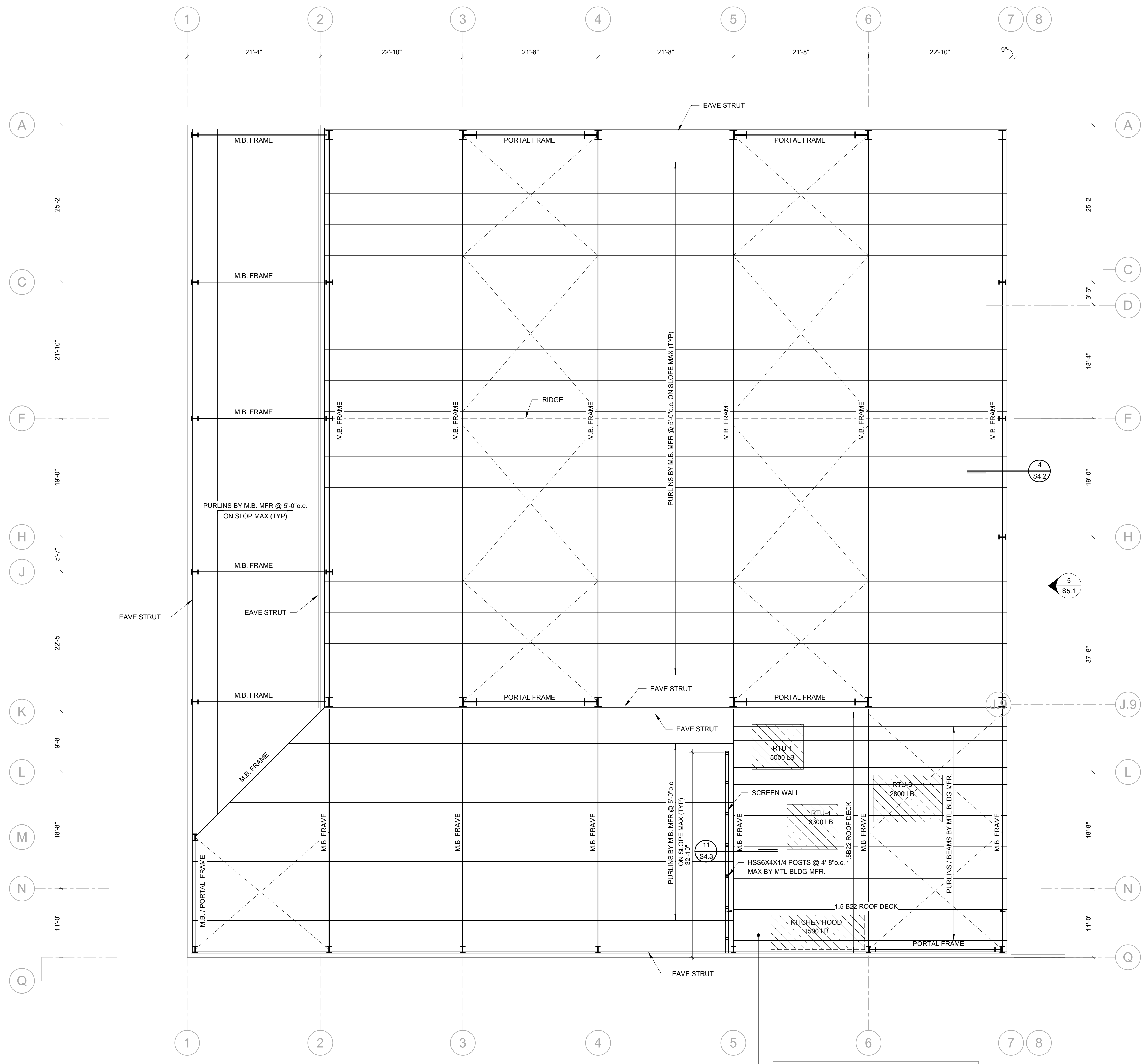
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HI ROOF FRAMING PLAN - AREA A
1/8" = 1'-0"

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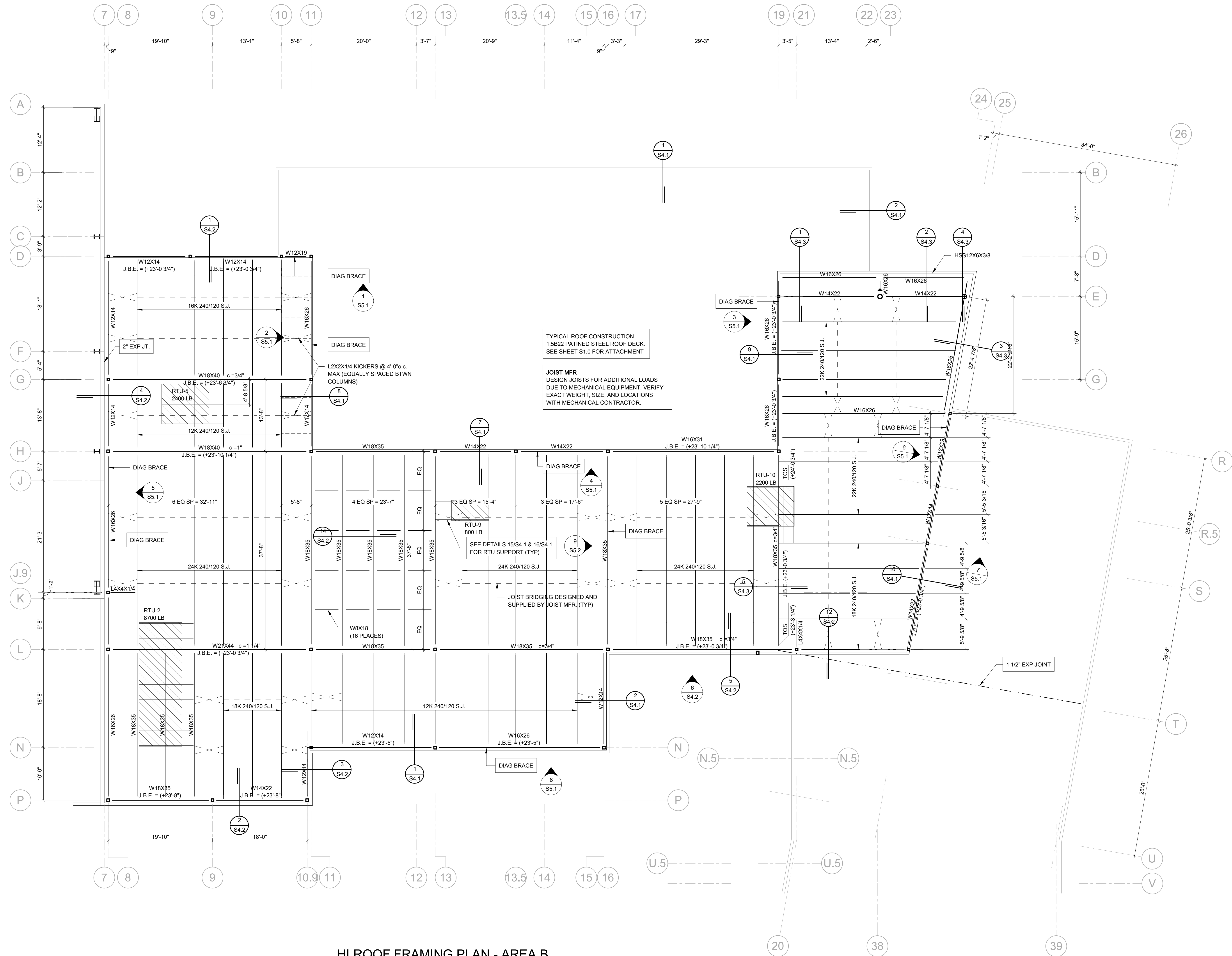
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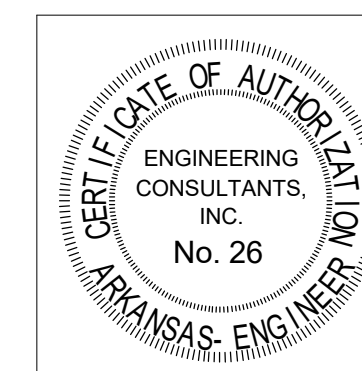
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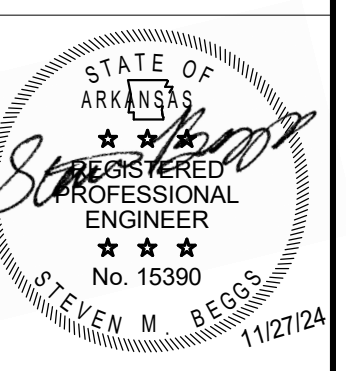


HI ROOF FRAMING PLAN - AREA B
1/8" = 1'-0"



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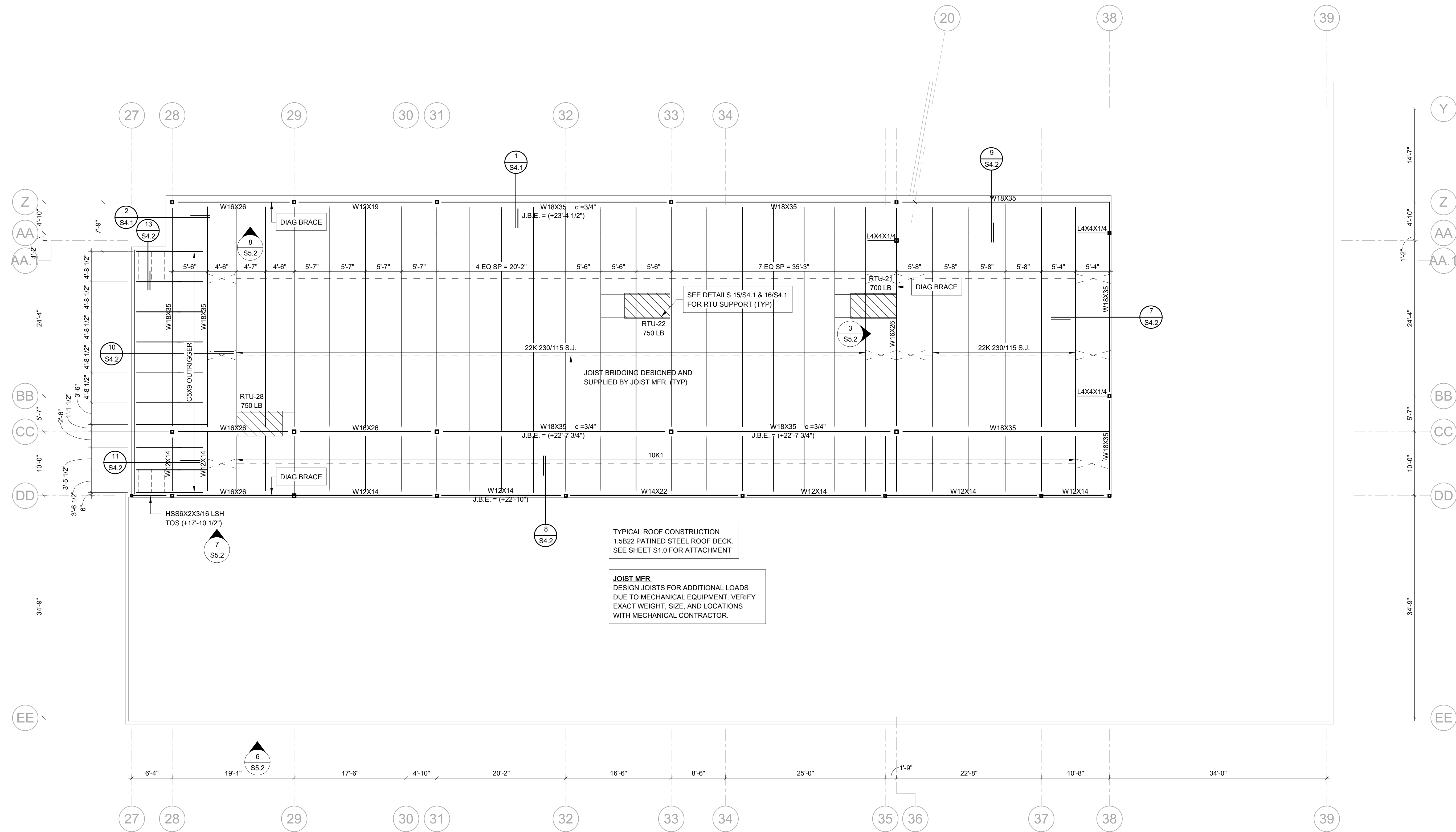
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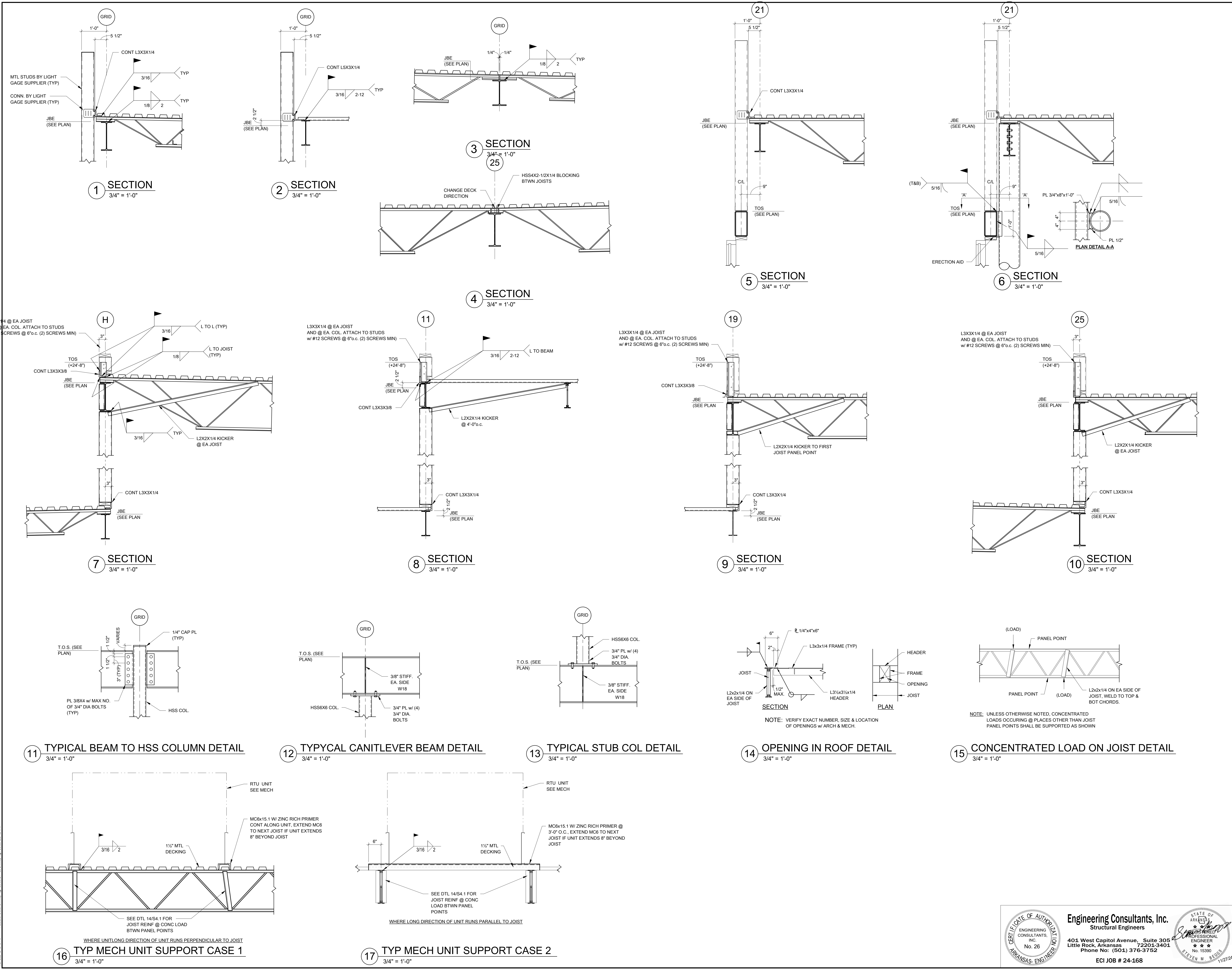


HIGH ROOF FRAMING PLAN - AREA C
1/8" = 1'-0"

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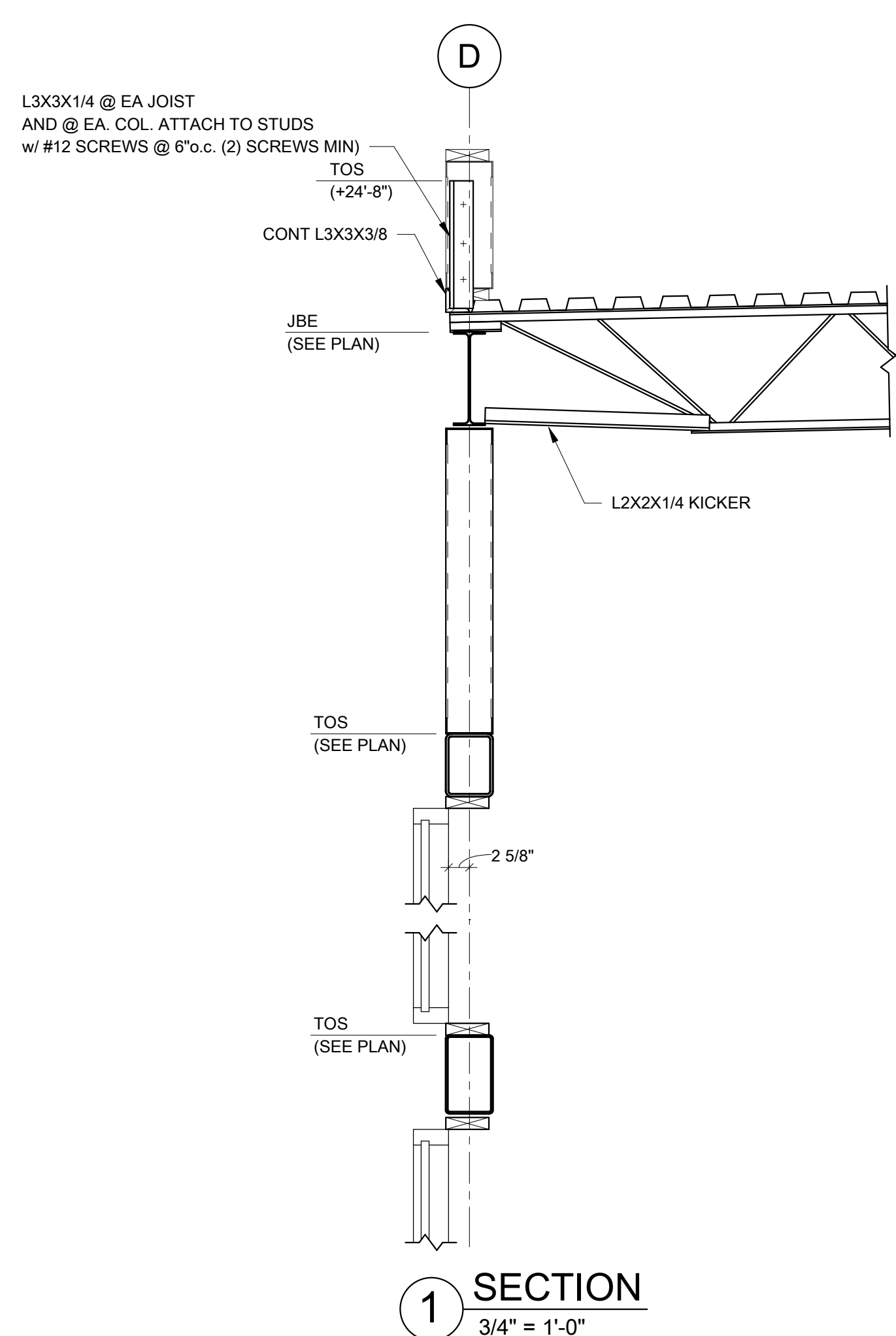
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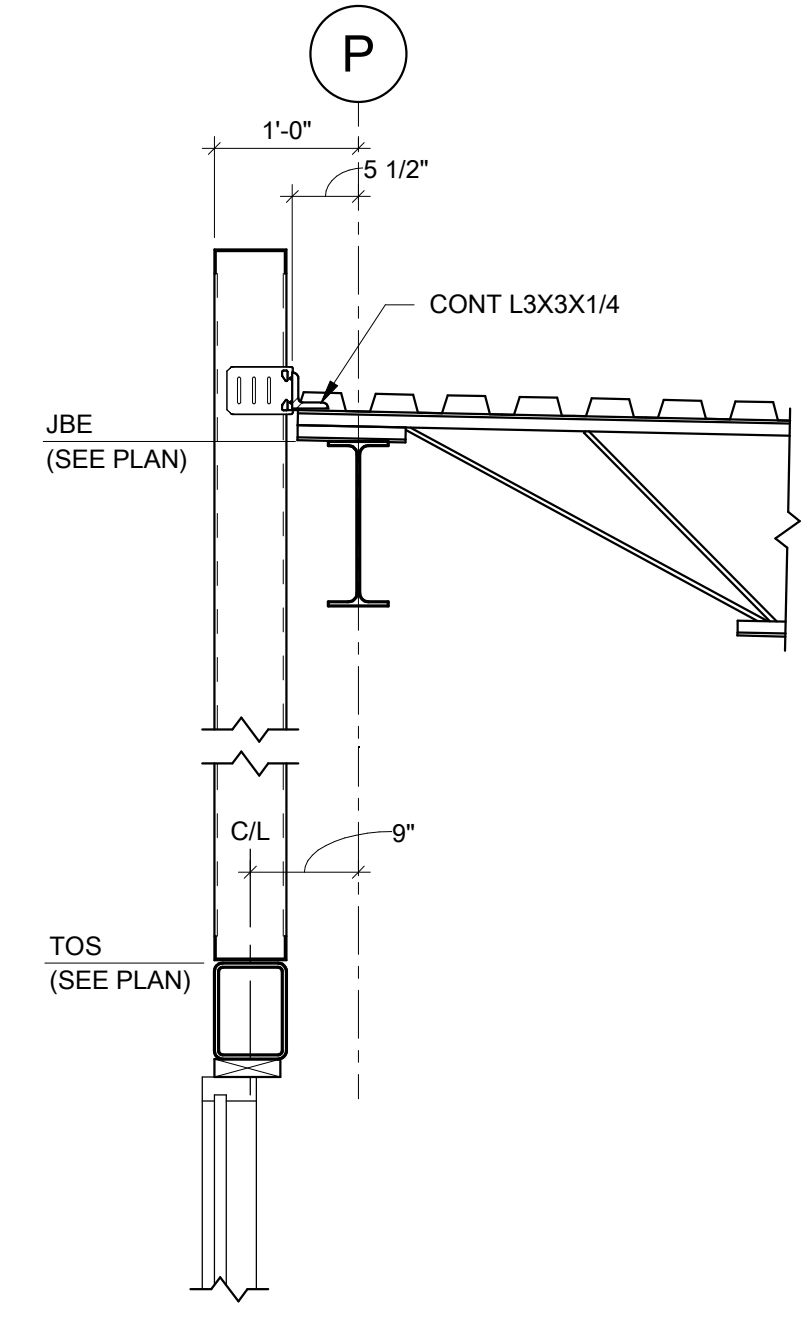
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No. 15390
11/27/24

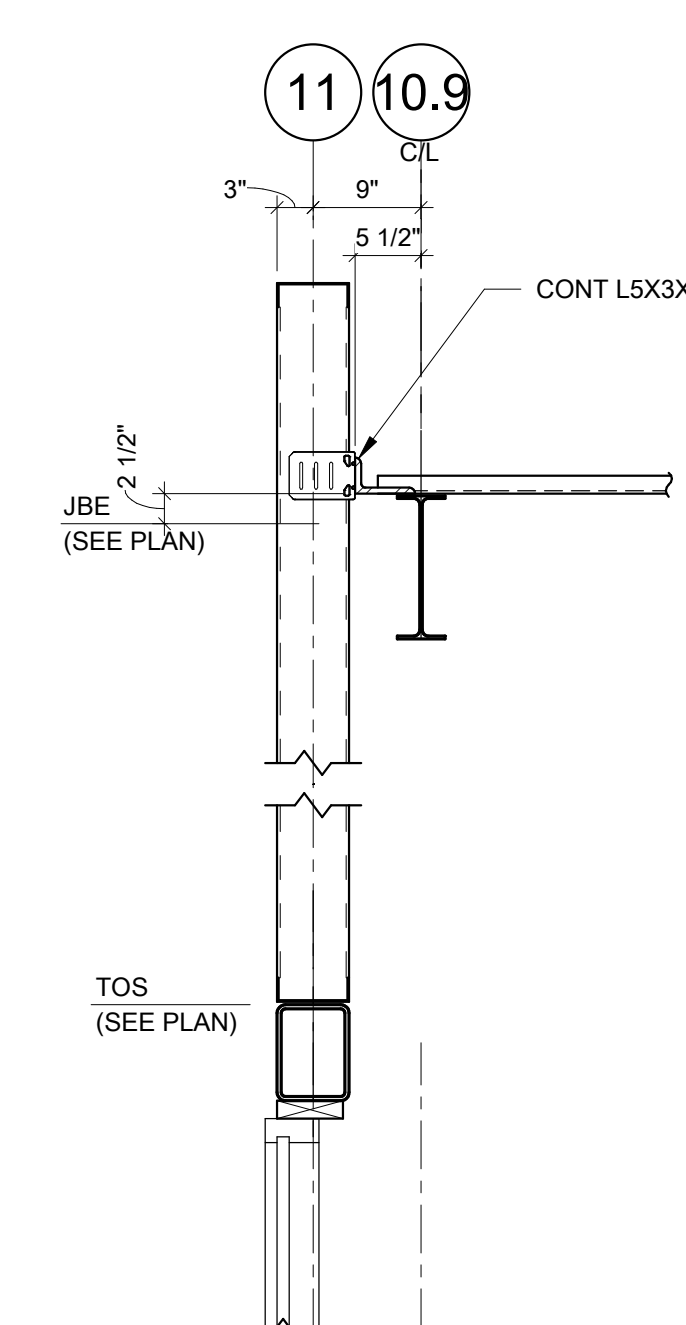
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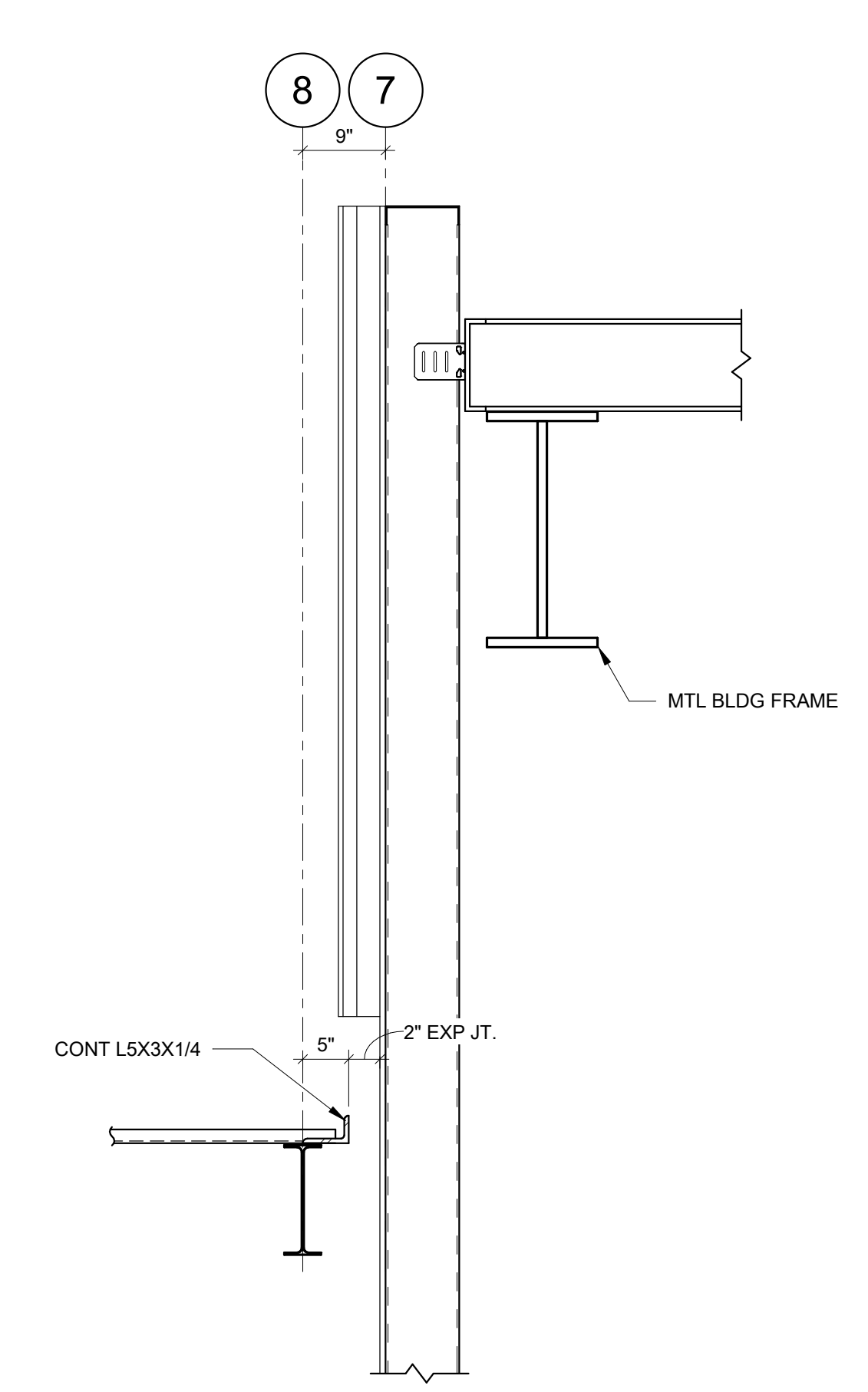
1 SECTION
3/4" = 1'-0"



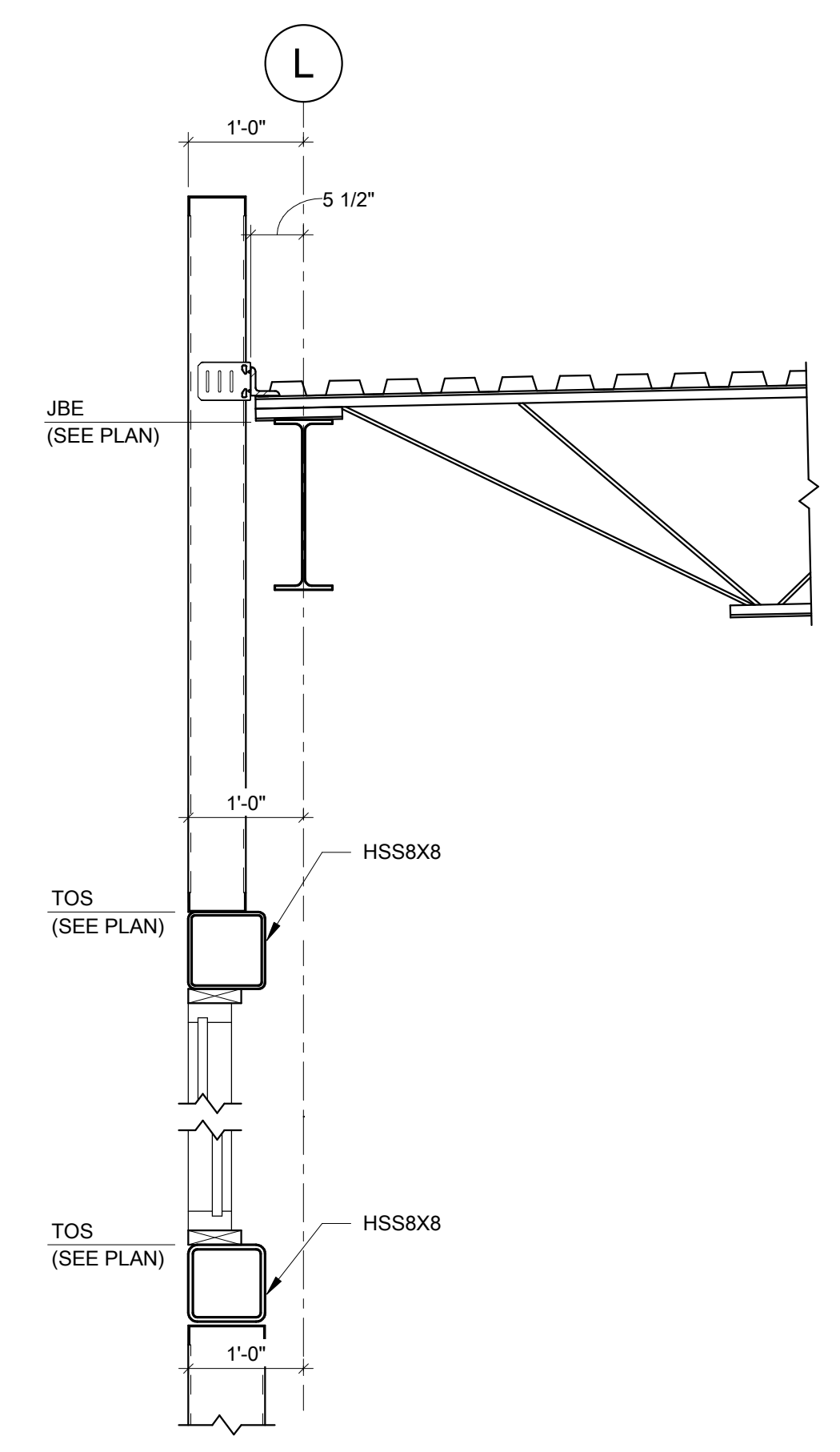
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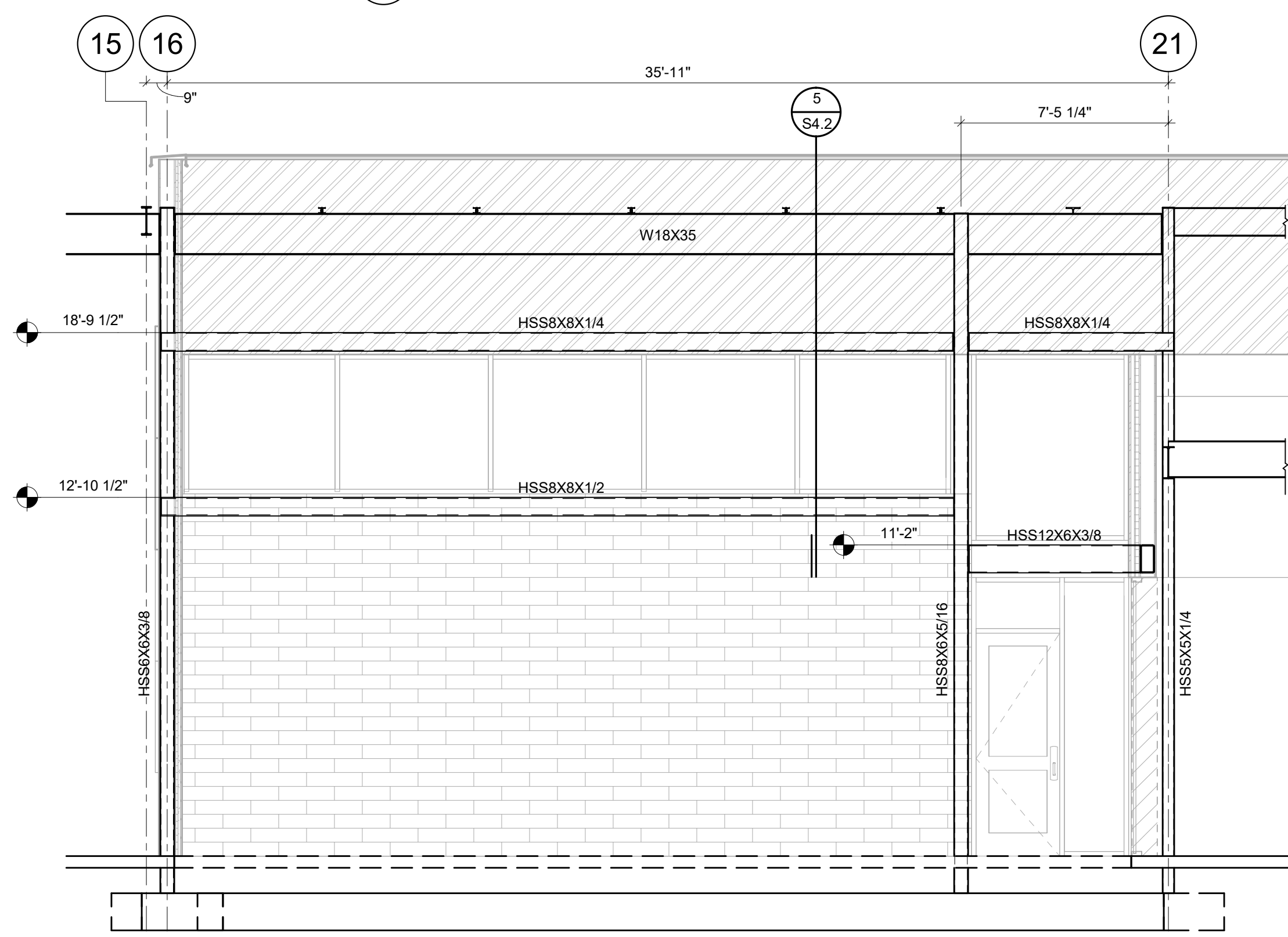
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3/4" = 1'-0"



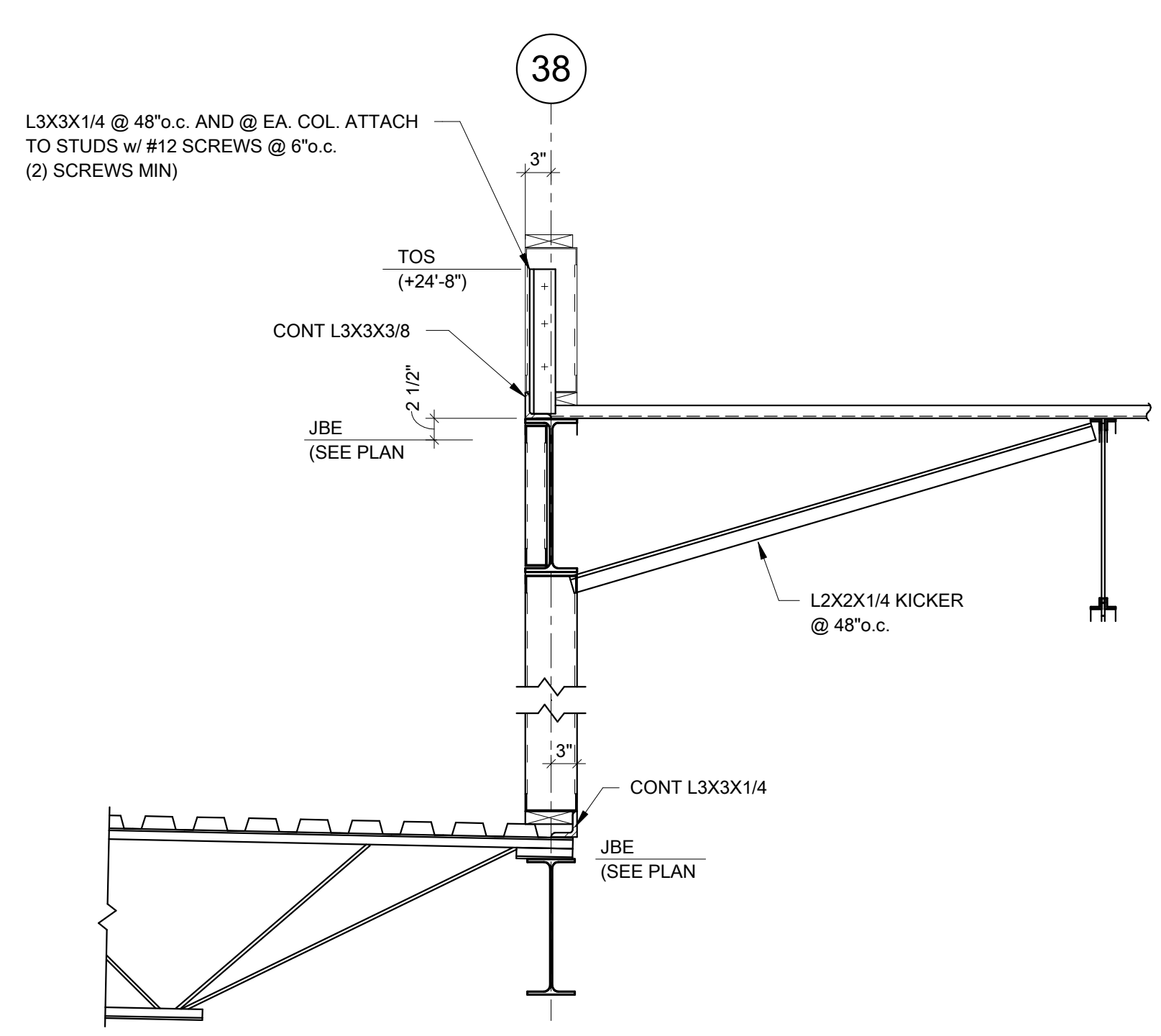
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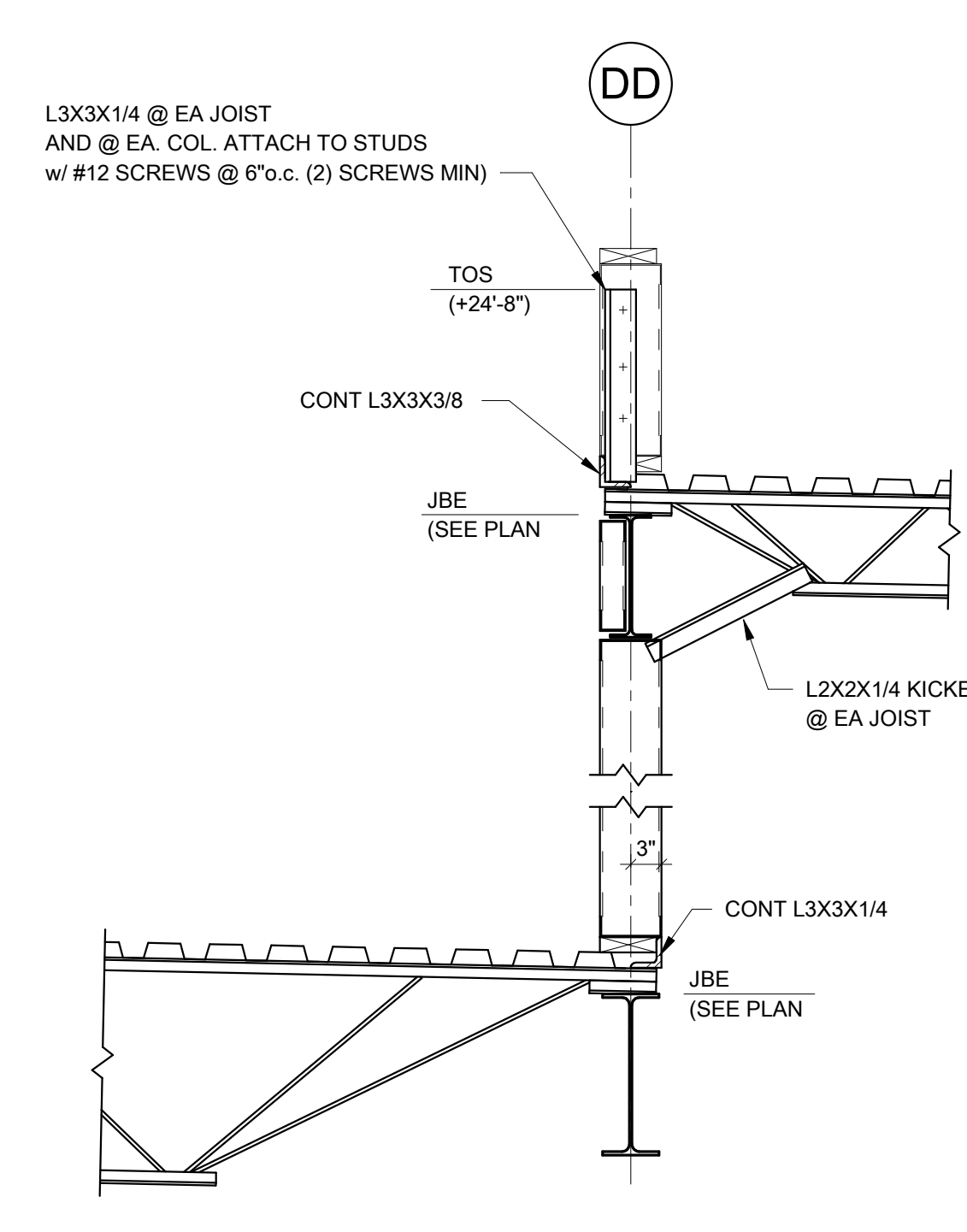
5 SECTION
3/4" = 1'-0"



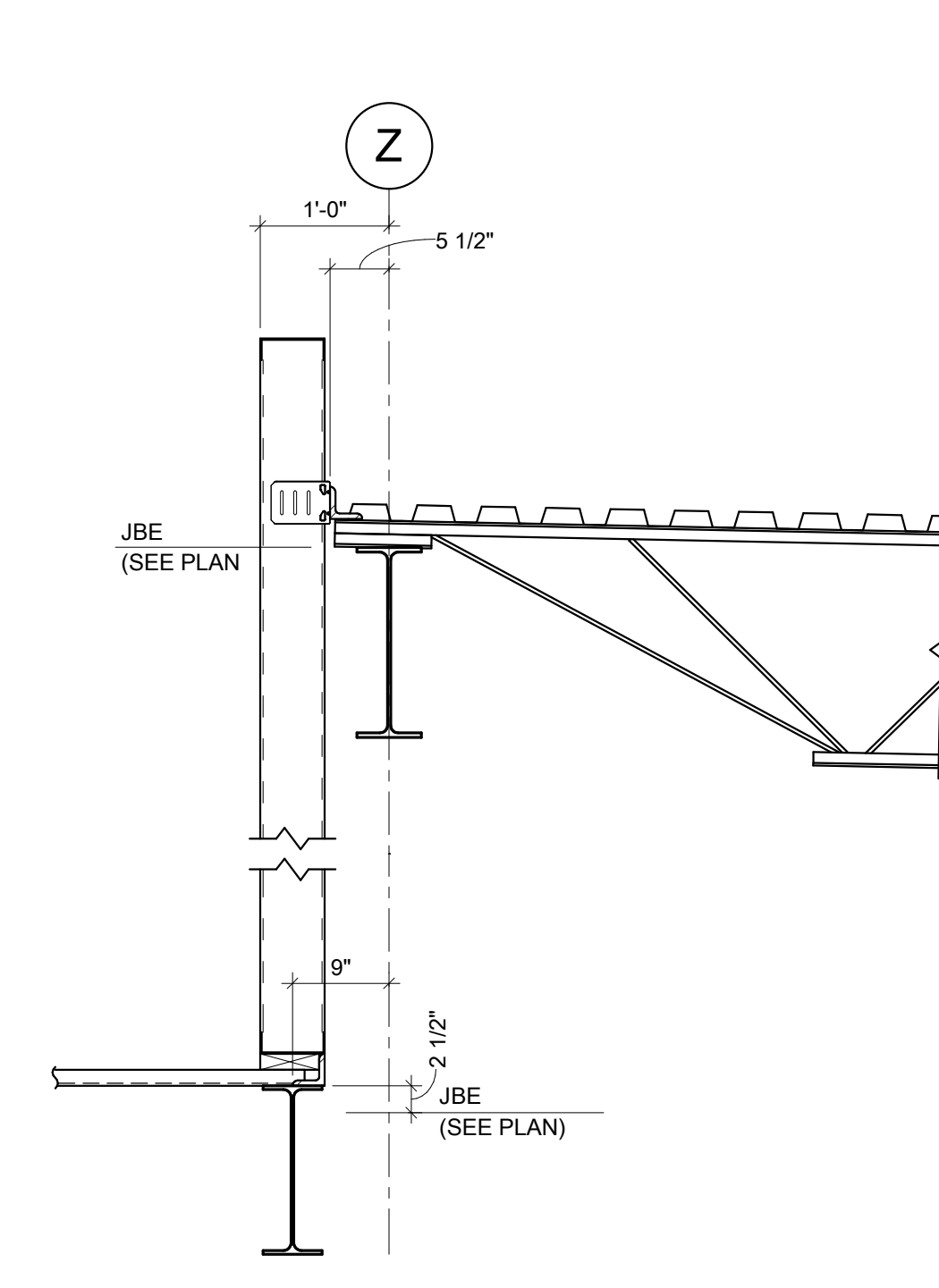
6 FRAMING ELEVATION
1/4" = 1'-0"



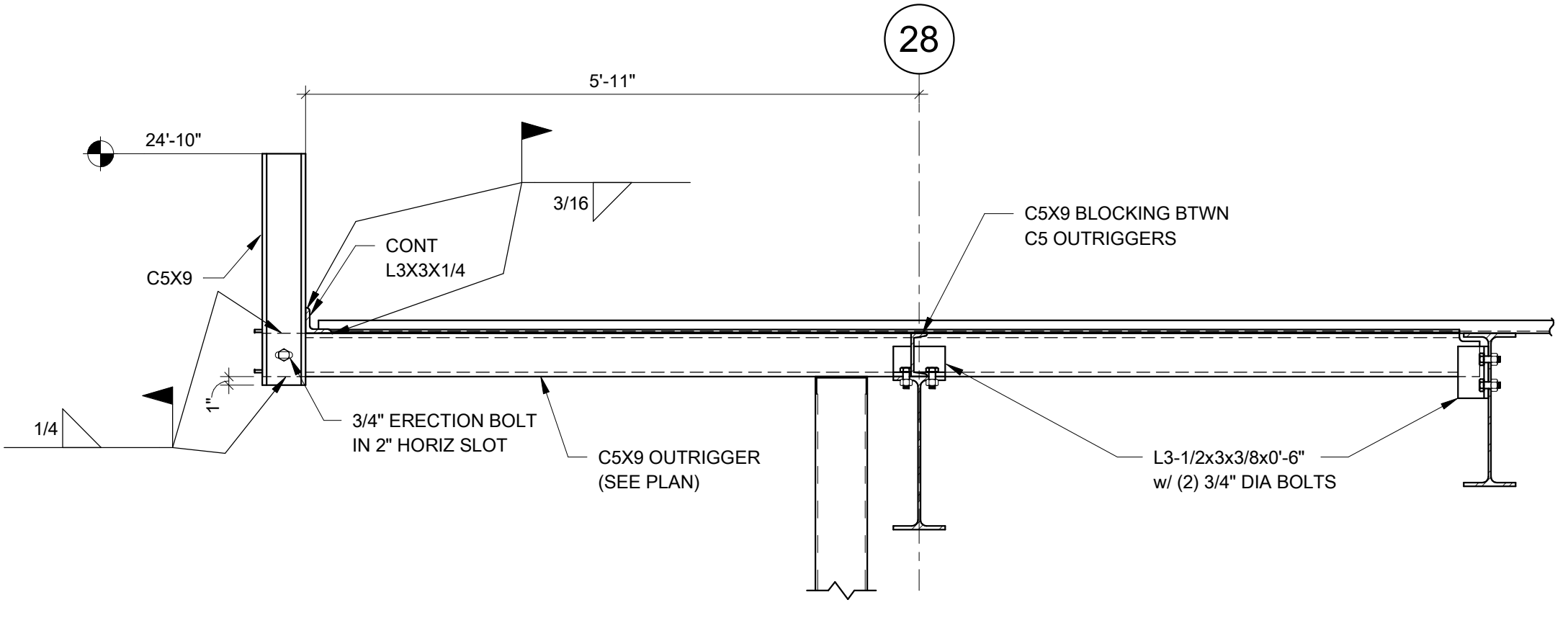
7 SECTION
3/4" = 1'-0"



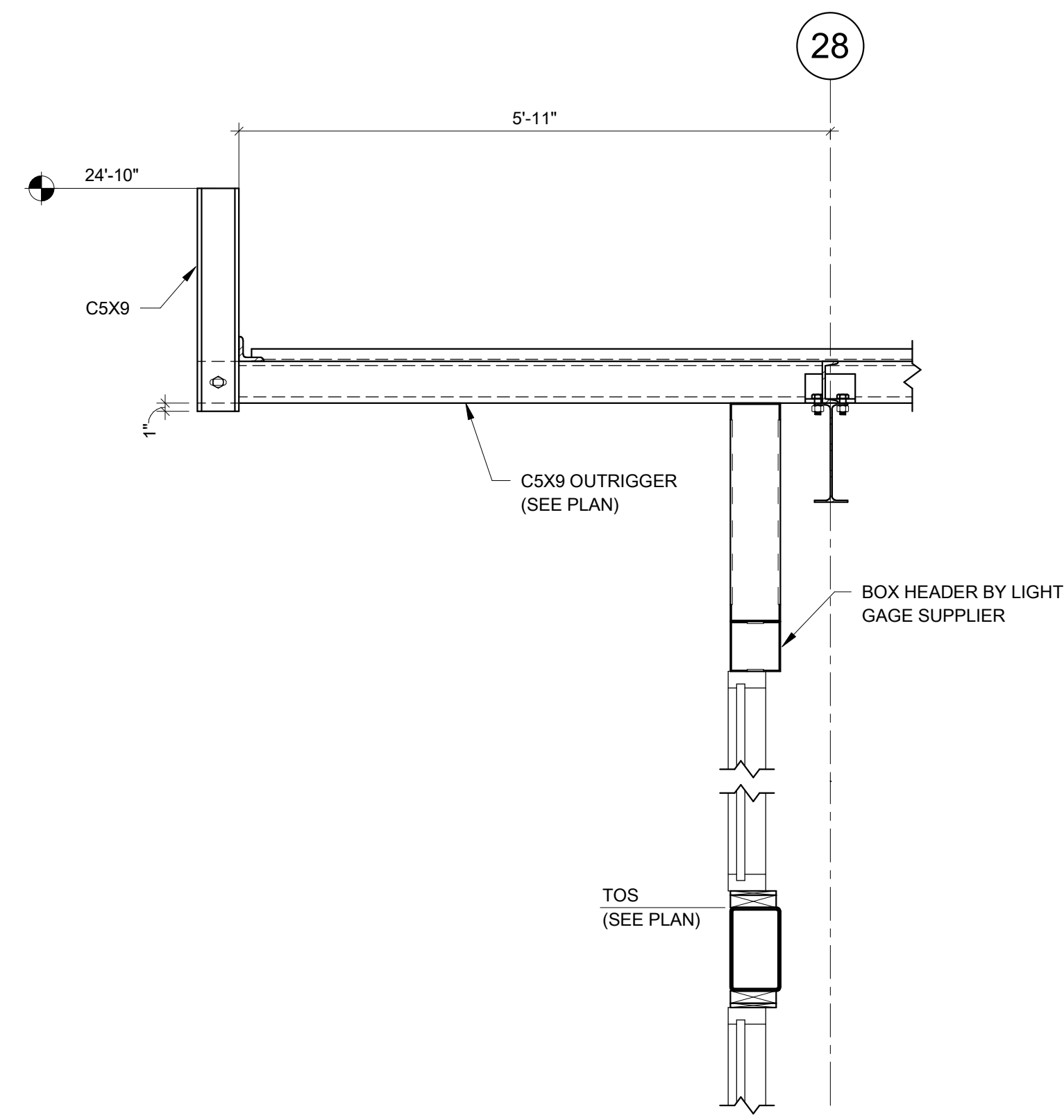
8 SECTION
3/4" = 1'-0"



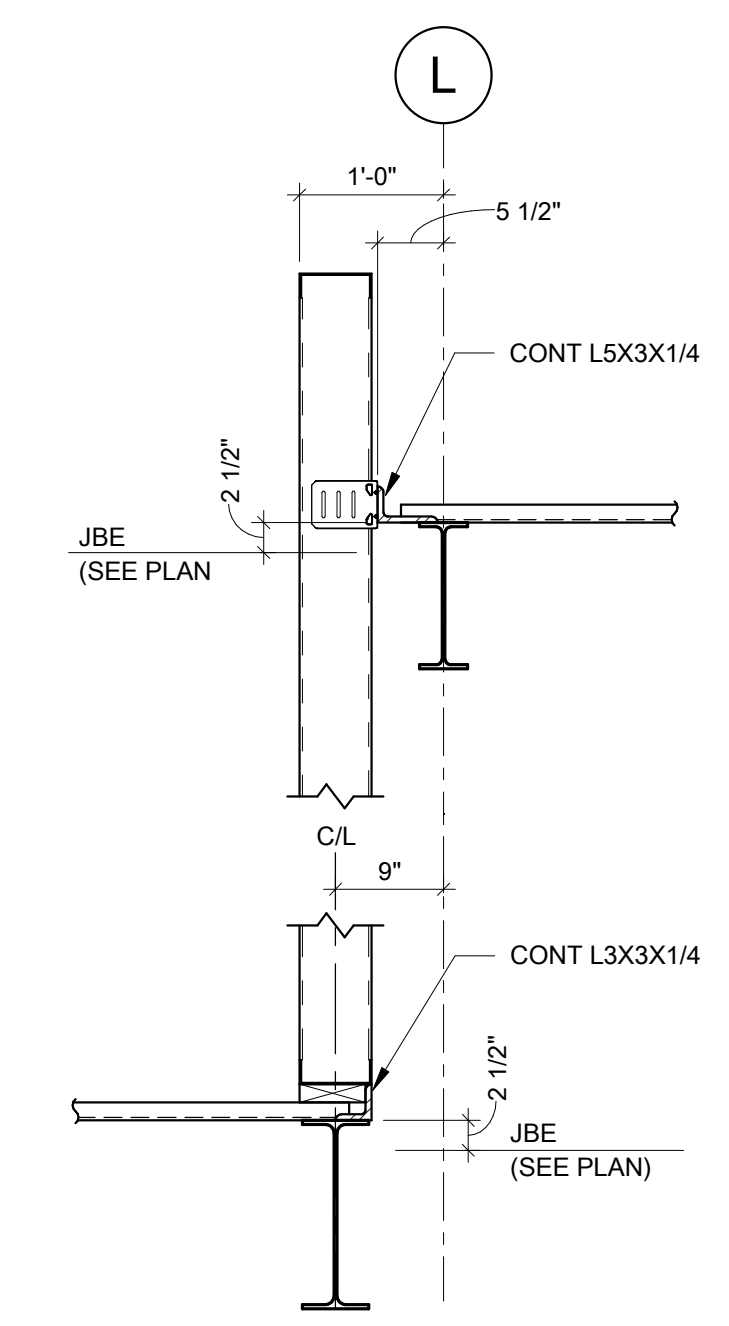
9 SECTION
3/4" = 1'-0"



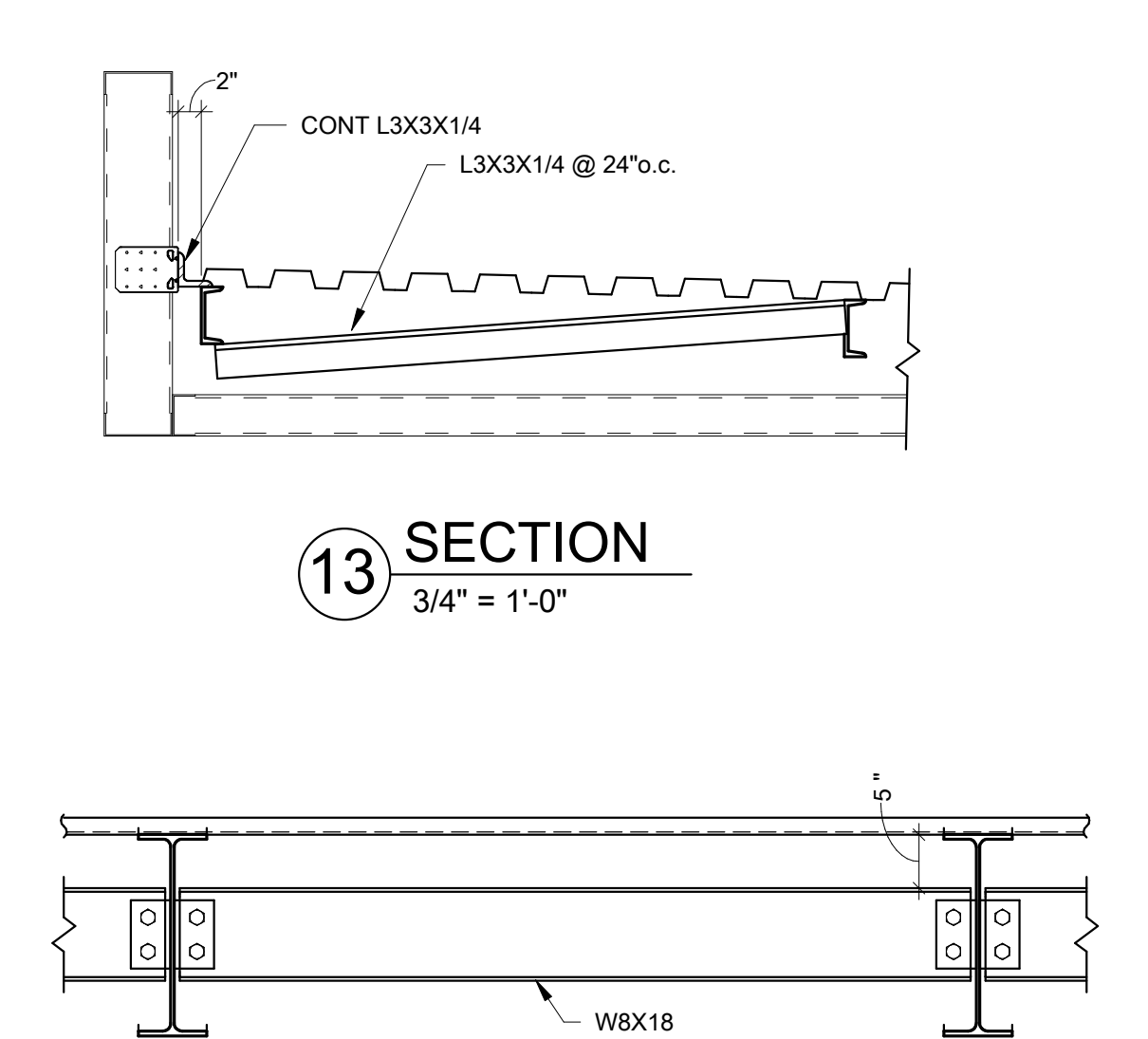
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3/4" = 1'-0"



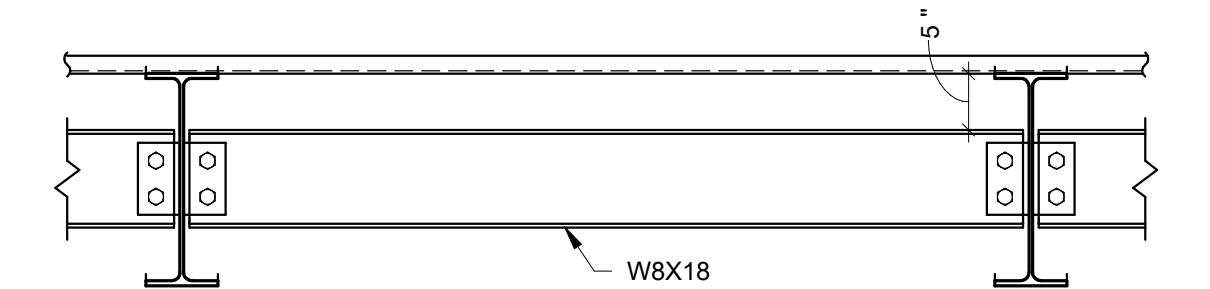
11 SECTION
3/4" = 1'-0"



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



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



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

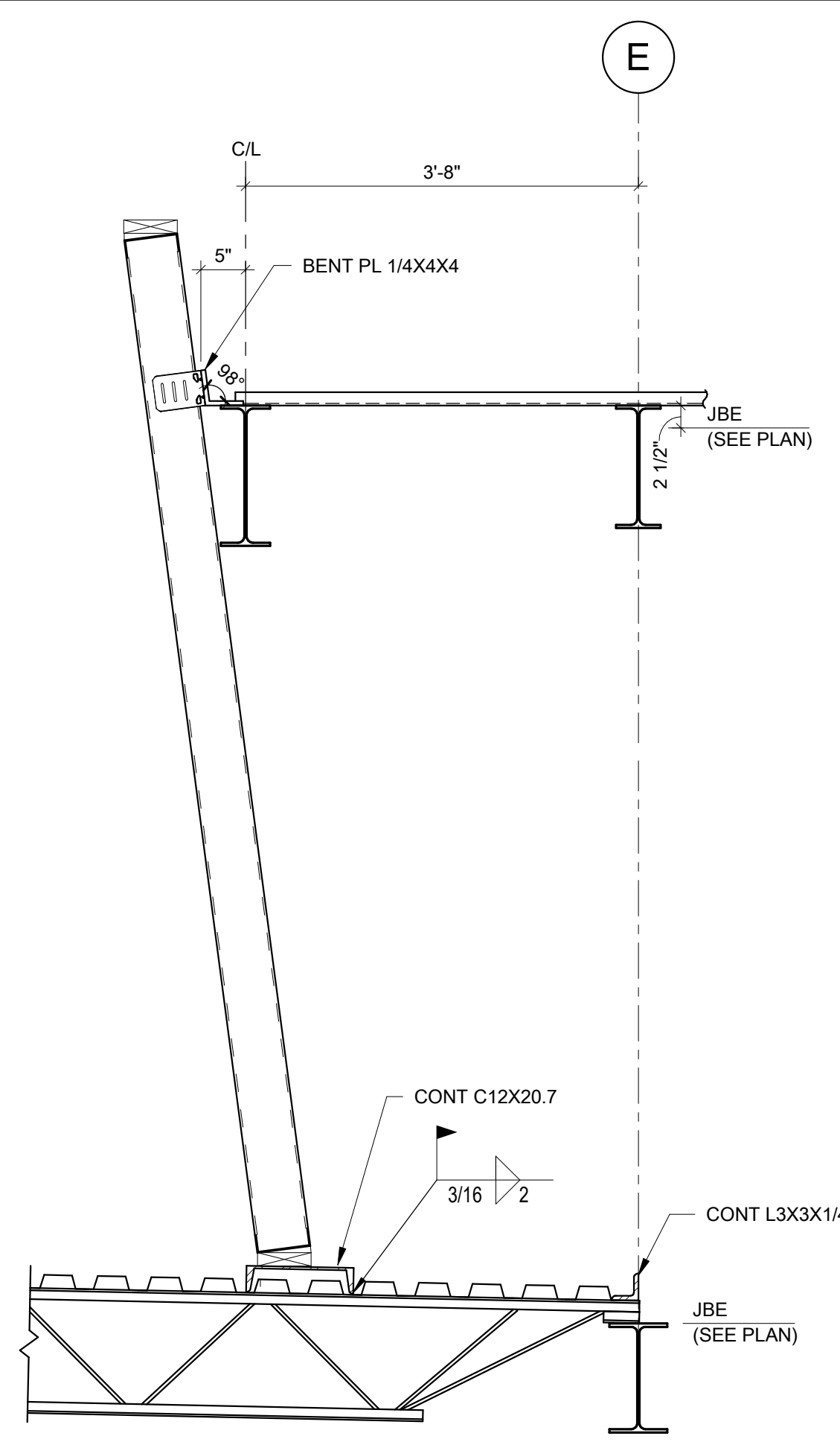
Engineering Consultants, Inc.
Structural Engineers

401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752

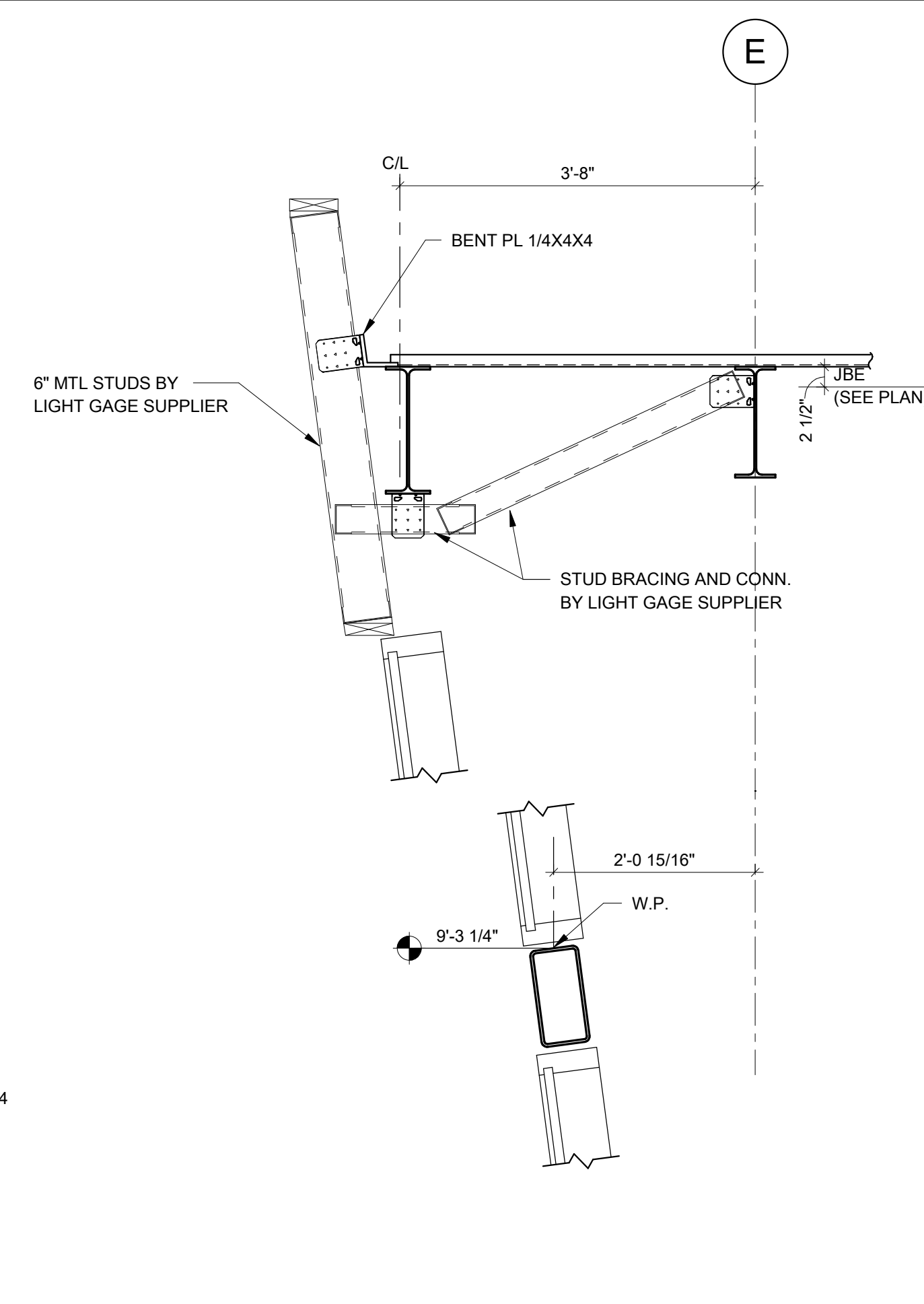
ECI JOB # 24-168

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15390
SEVEN M. BEGGS
11/27/24

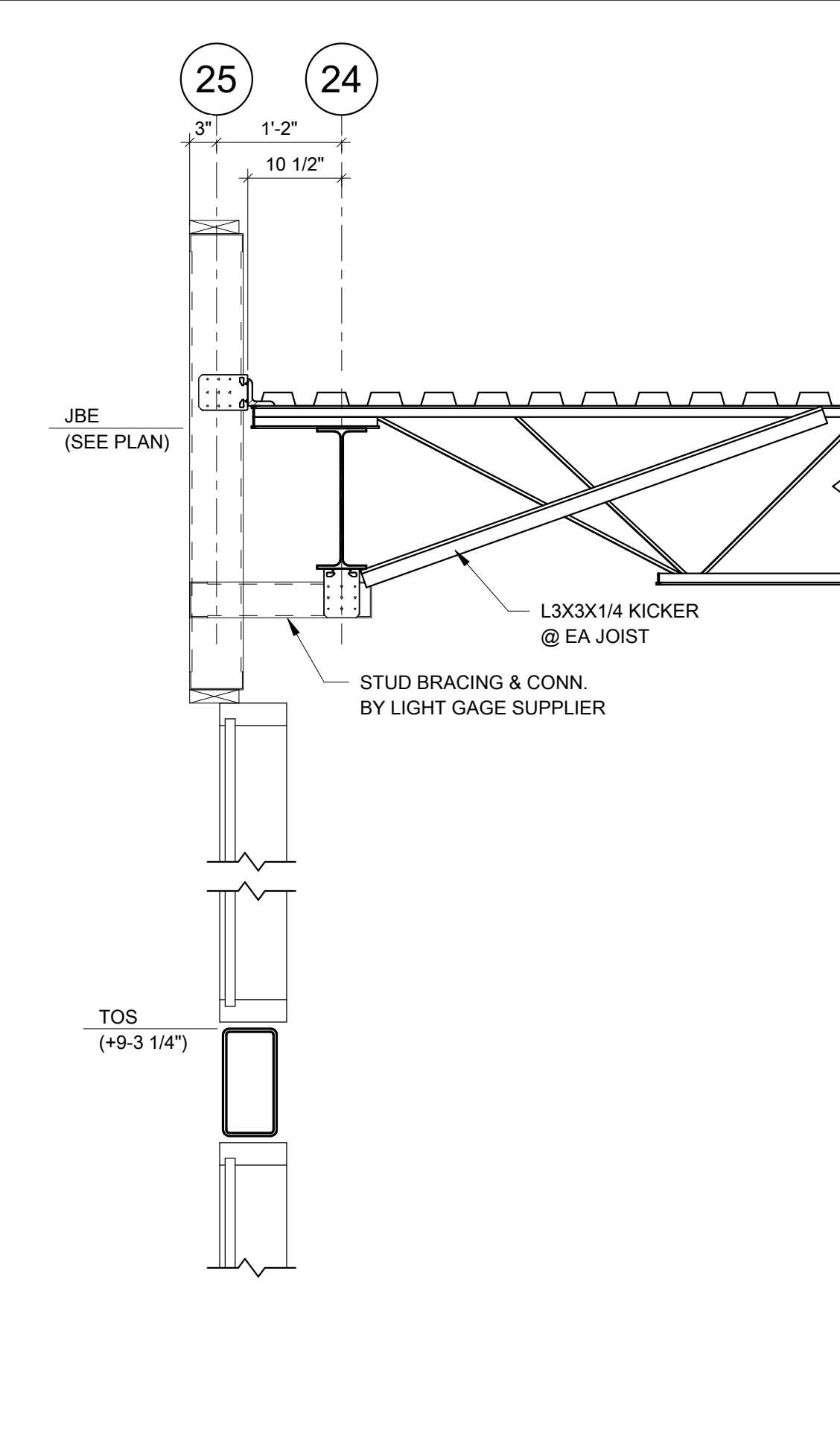
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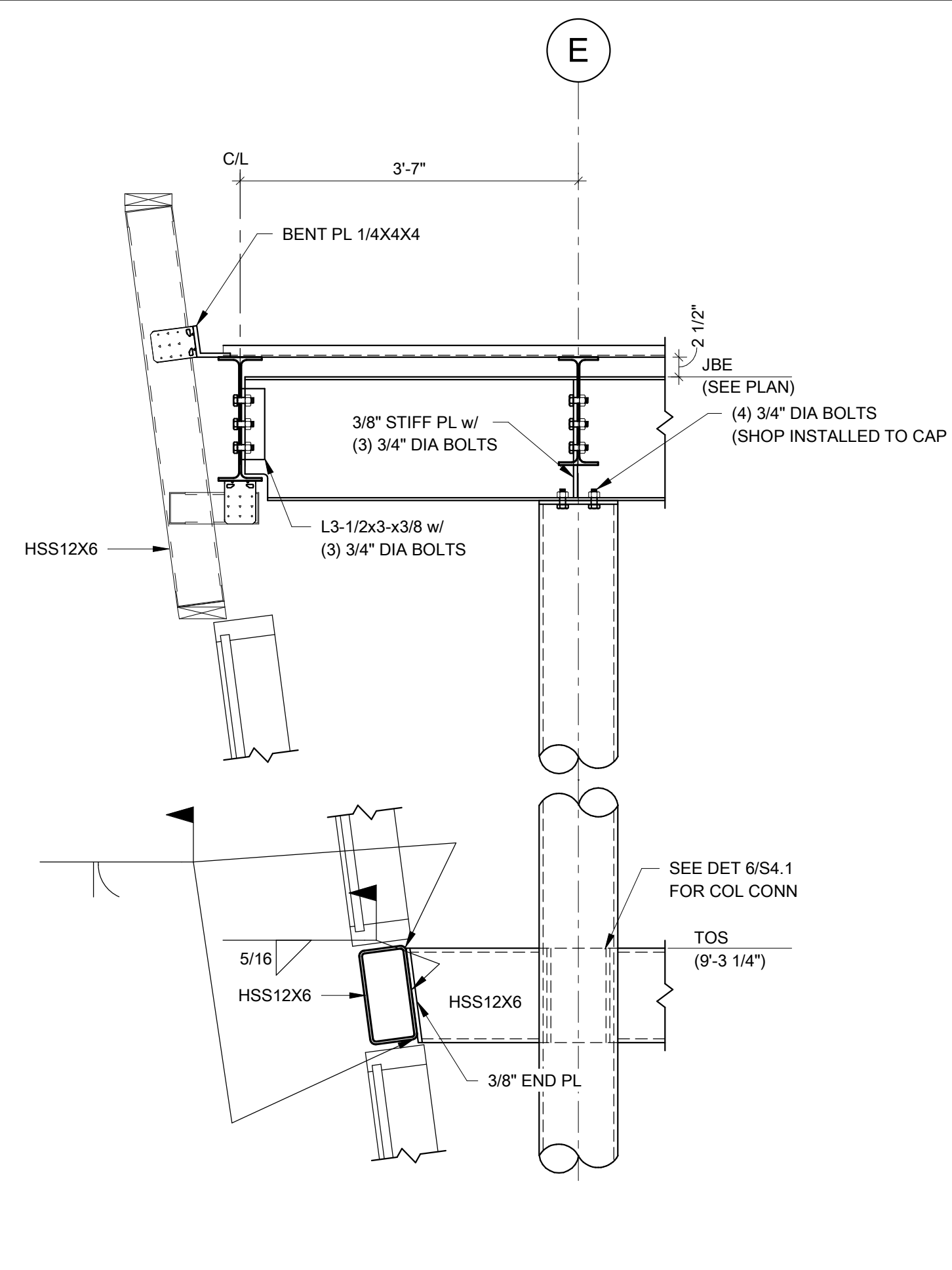
1 SECTION
3/4" = 1'-0"



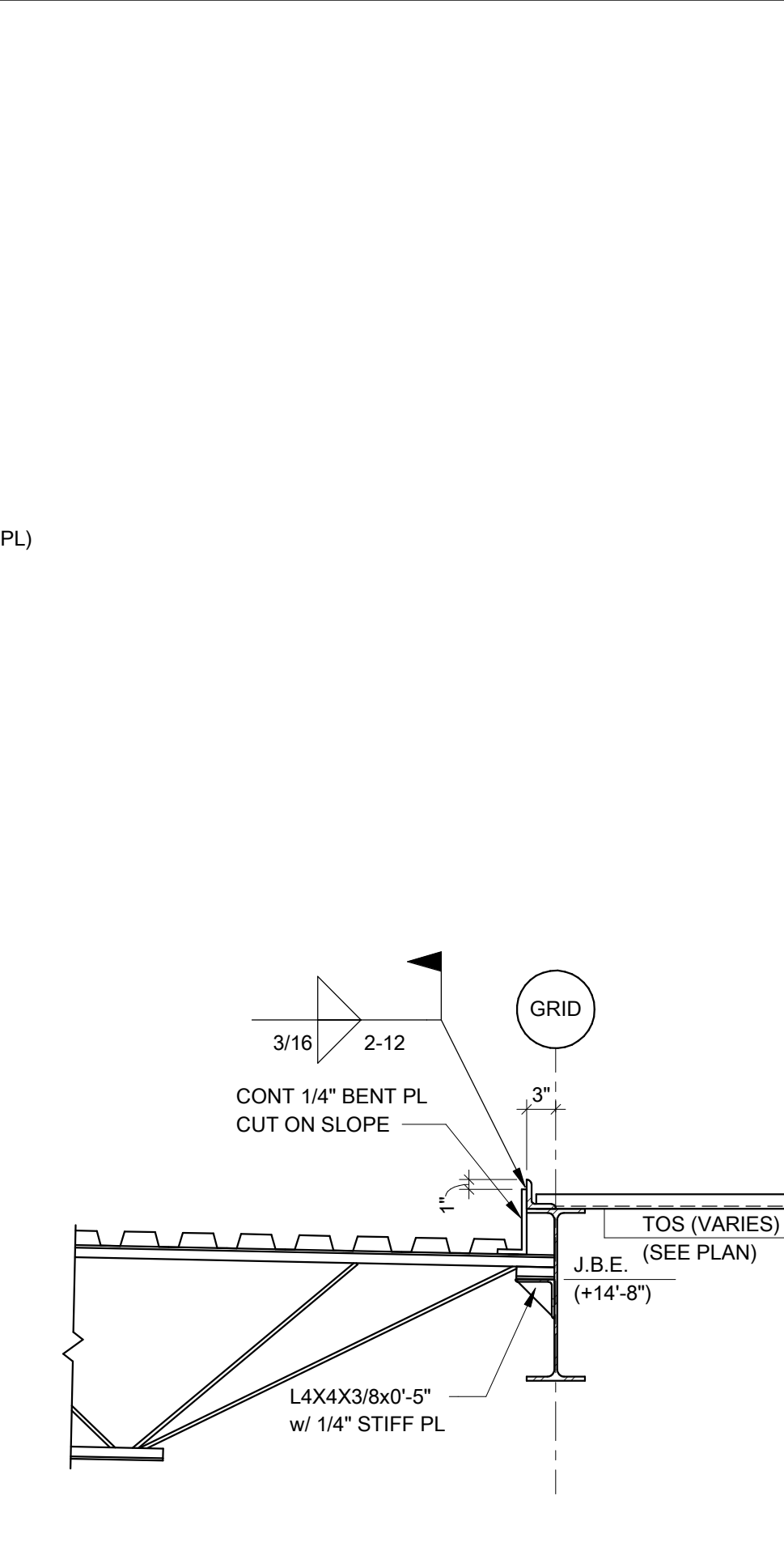
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3/4" = 1'-0"



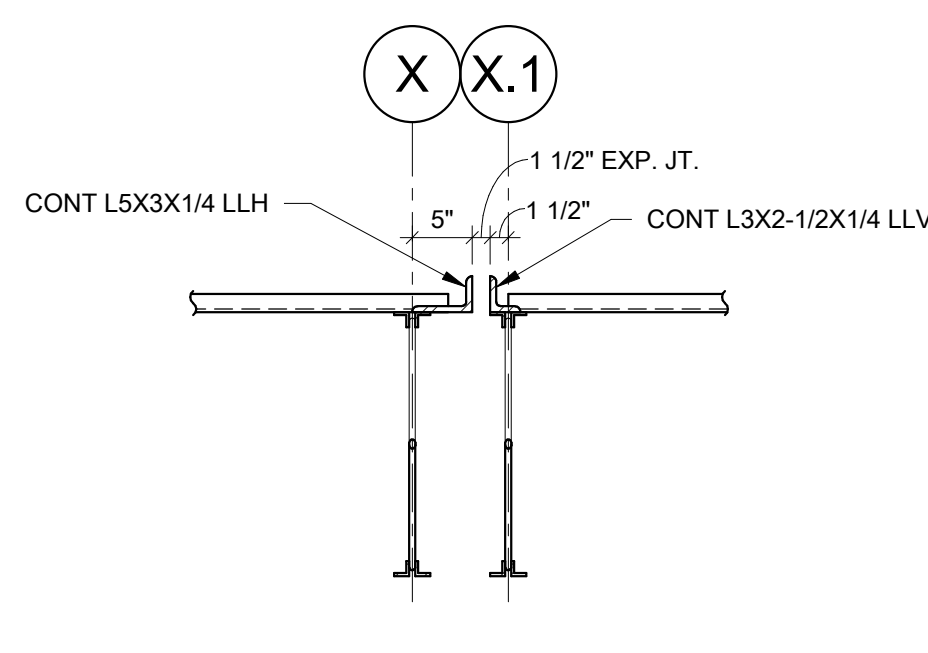
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3/4" = 1'-0"



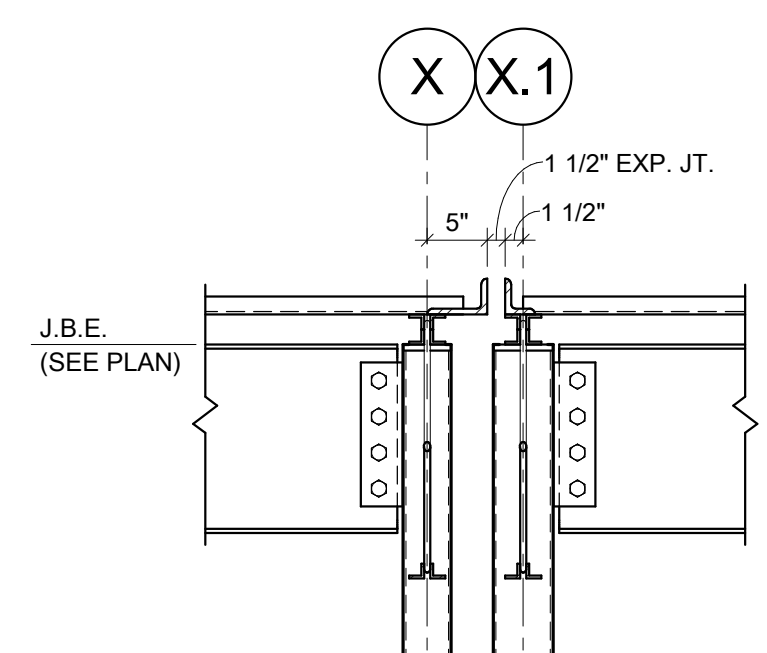
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3/4" = 1'-0"



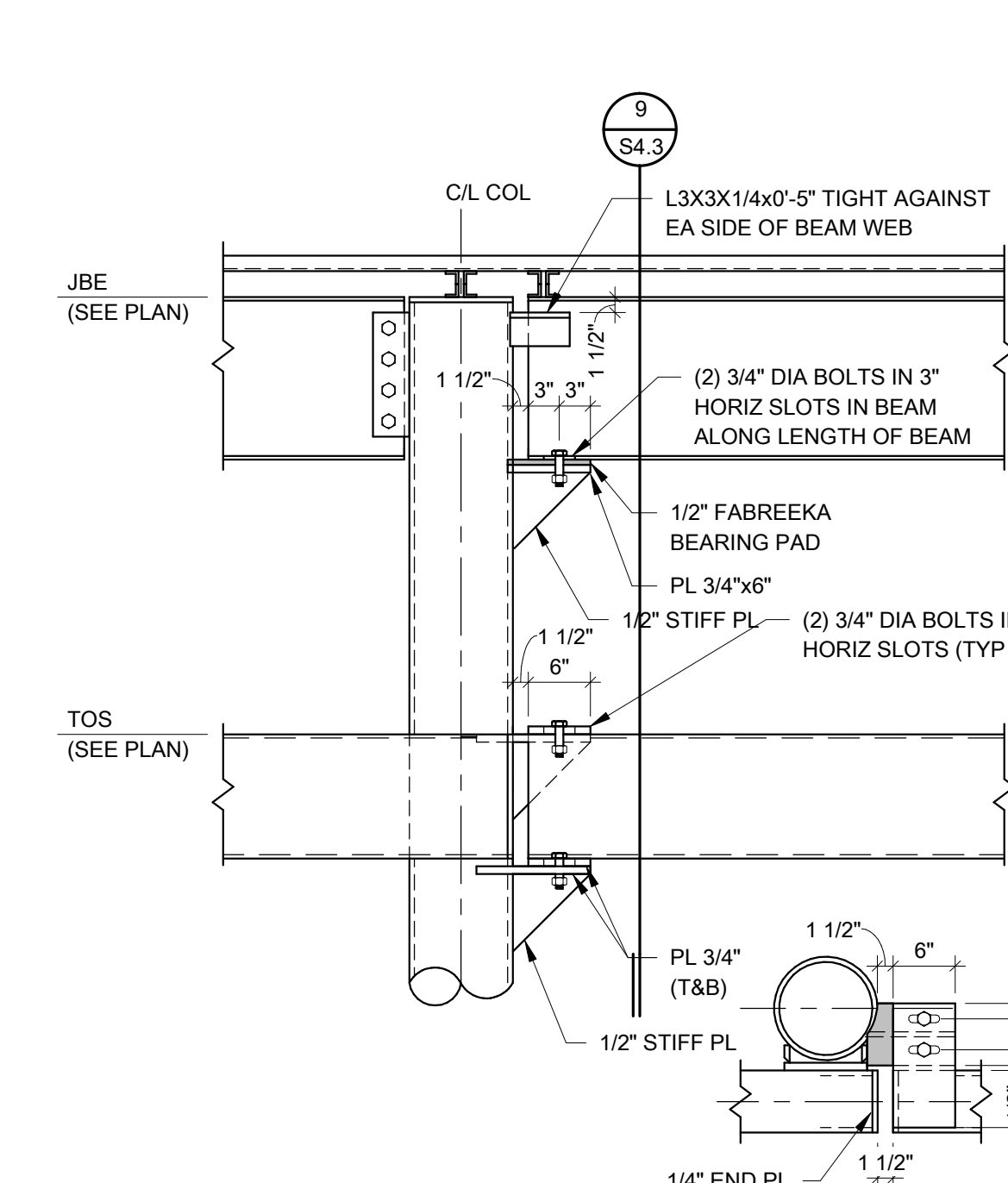
5 SECTION
3/4" = 1'-0"



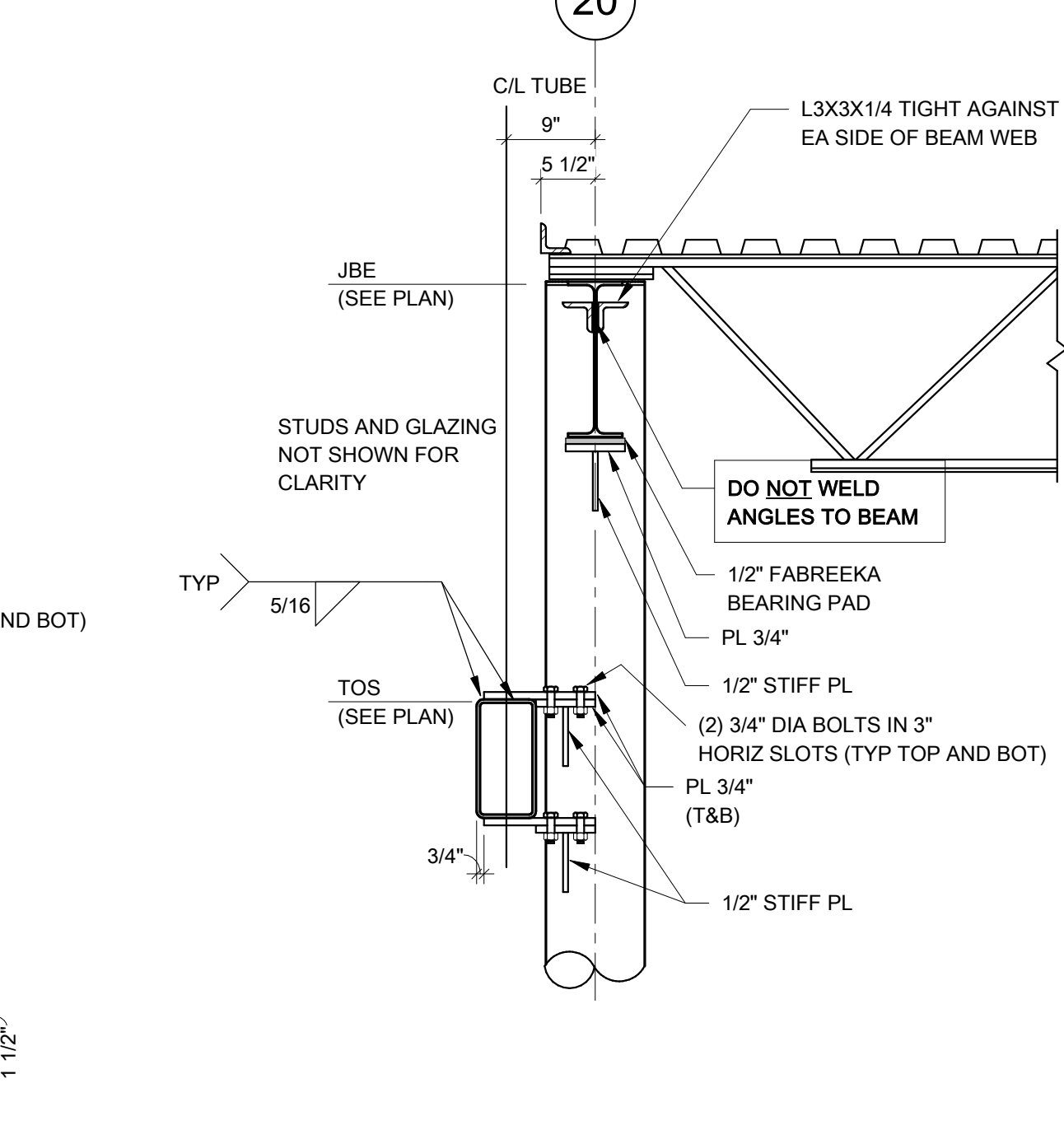
6 SECTION
3/4" = 1'-0"



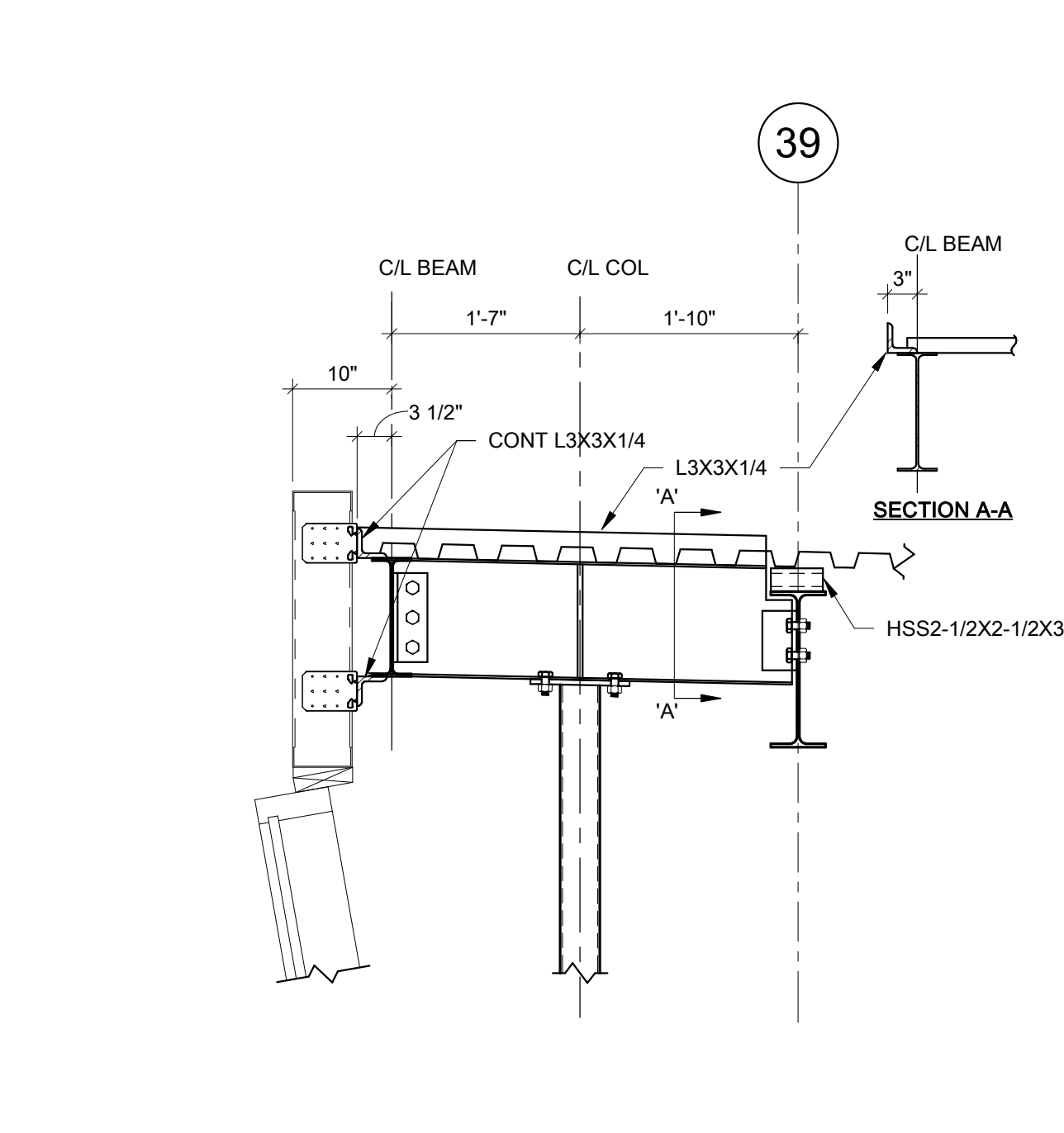
7 SECTION
3/4" = 1'-0"



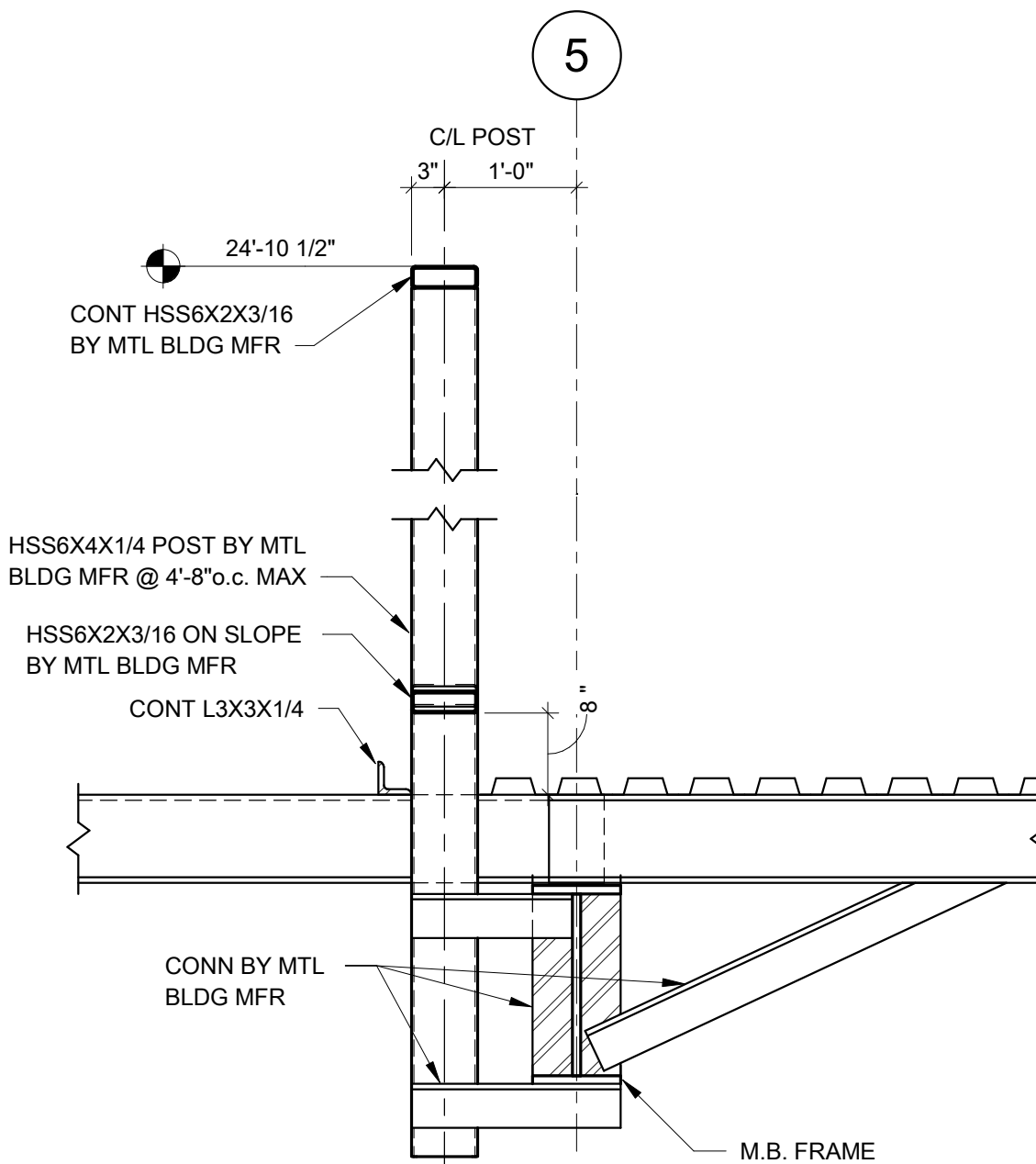
8 SECTION
3/4" = 1'-0"



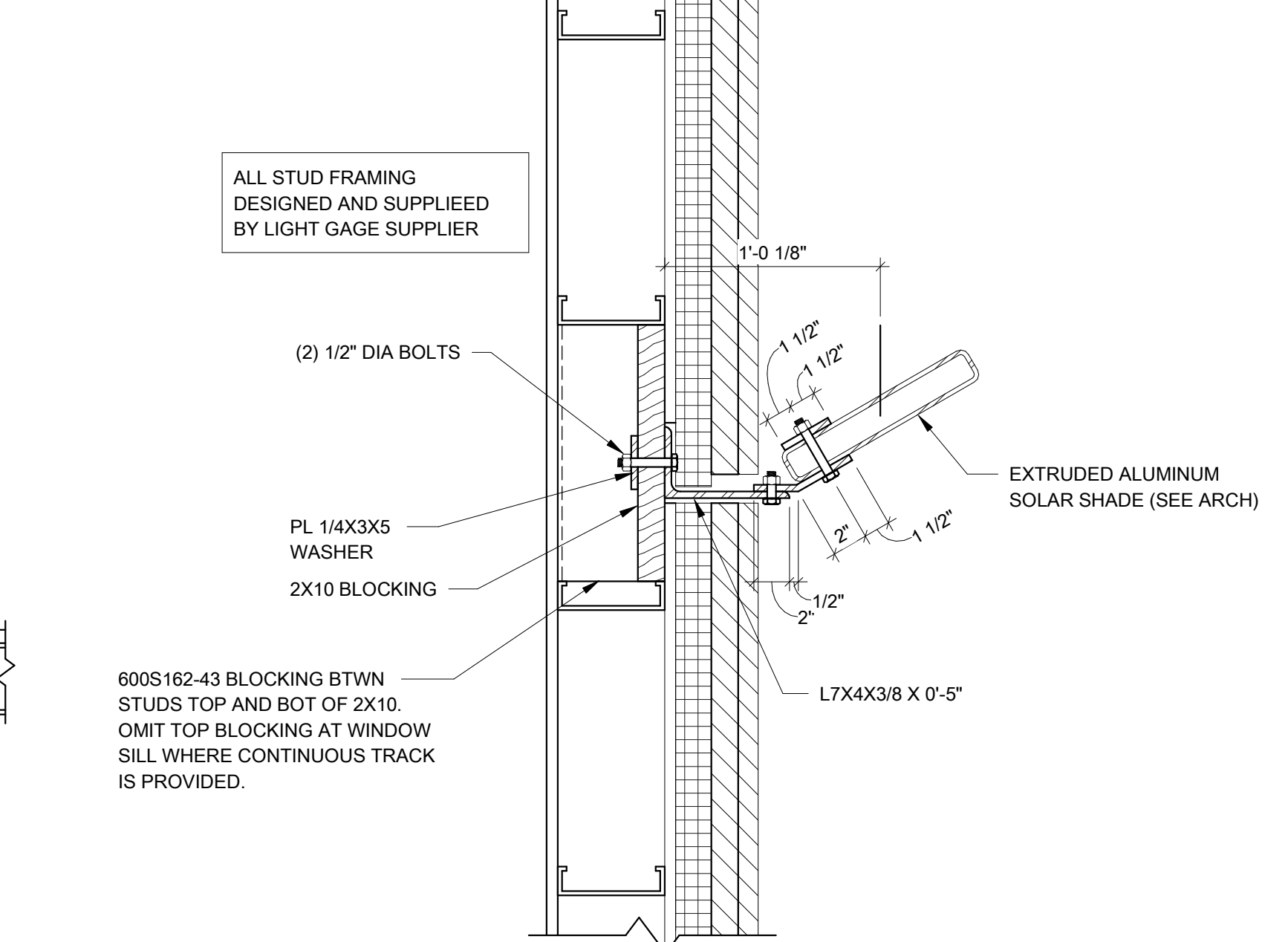
9 SECTION
3/4" = 1'-0"



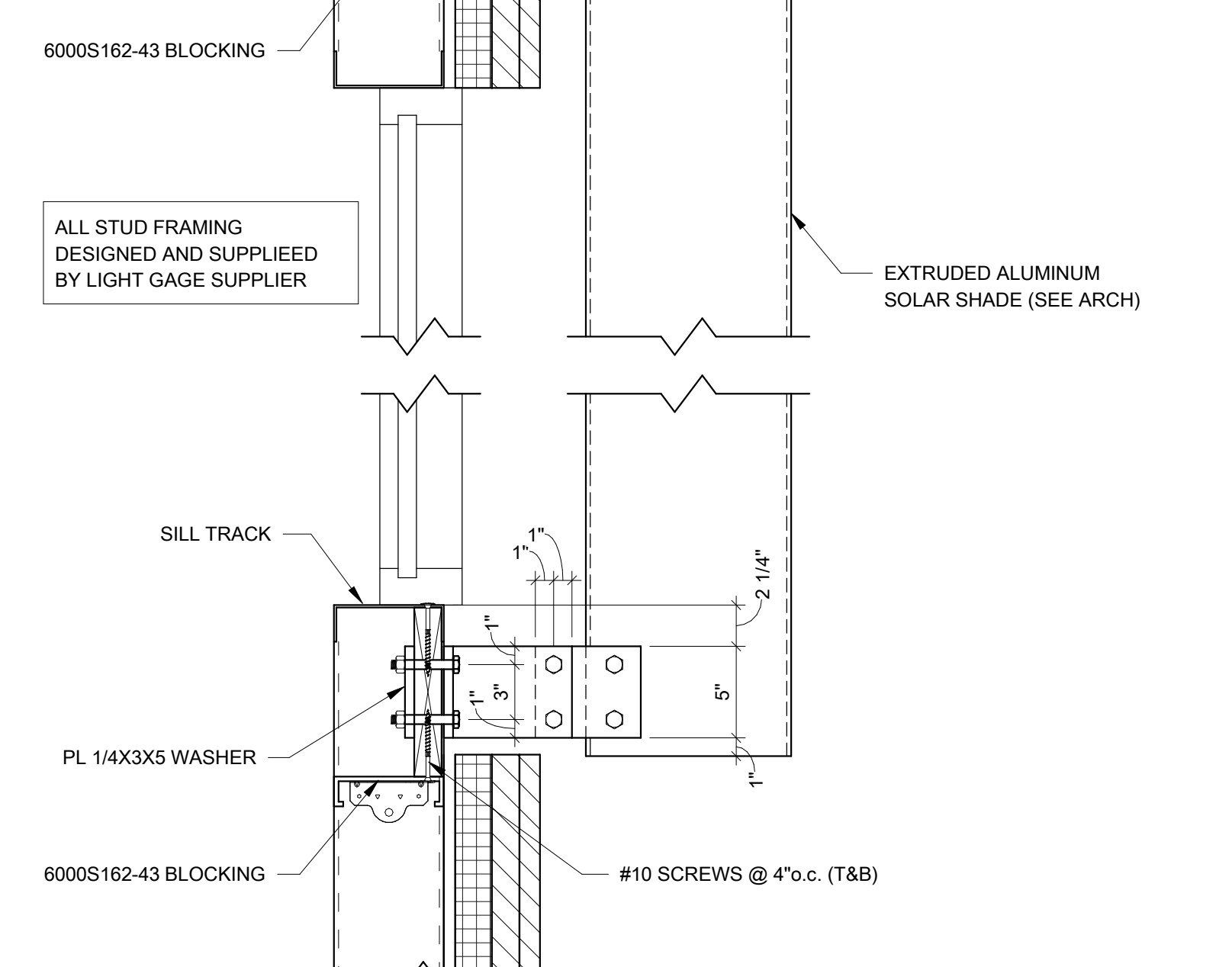
10 SECTION
3/4" = 1'-0"



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



12 PLAN DETAIL - SOLAR FIN ATTACHMENT
1 1/2" = 1'-0"



13 SECTION - SOLAR FIN ATTACHMENT
1 1/2" = 1'-0"

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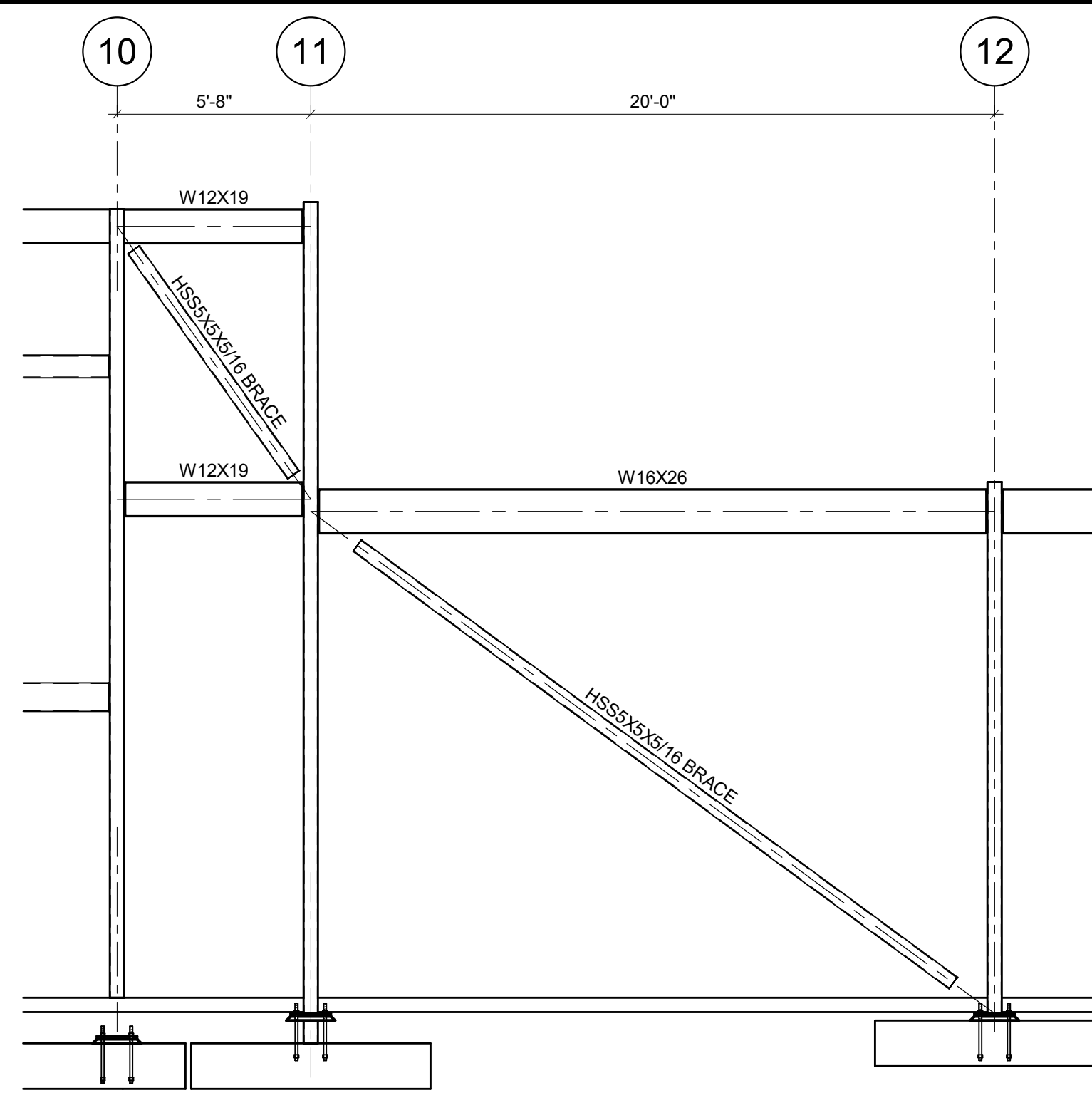
401 West Capitol Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752

ECI JOB # 24-168

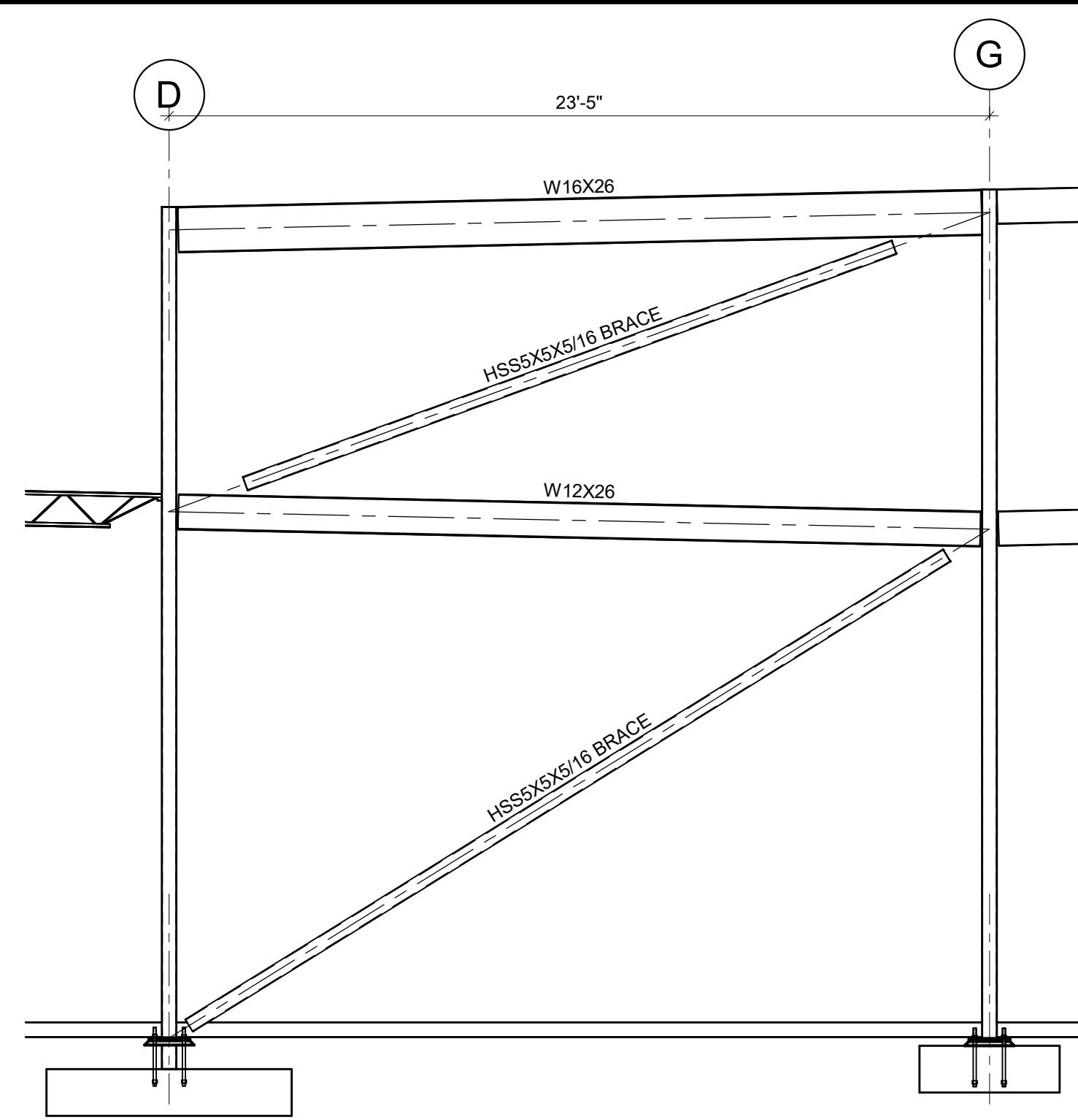
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15390
SEVEN M. BEGGS
1/27/2024

NO.	DATE	DESCRIPTION

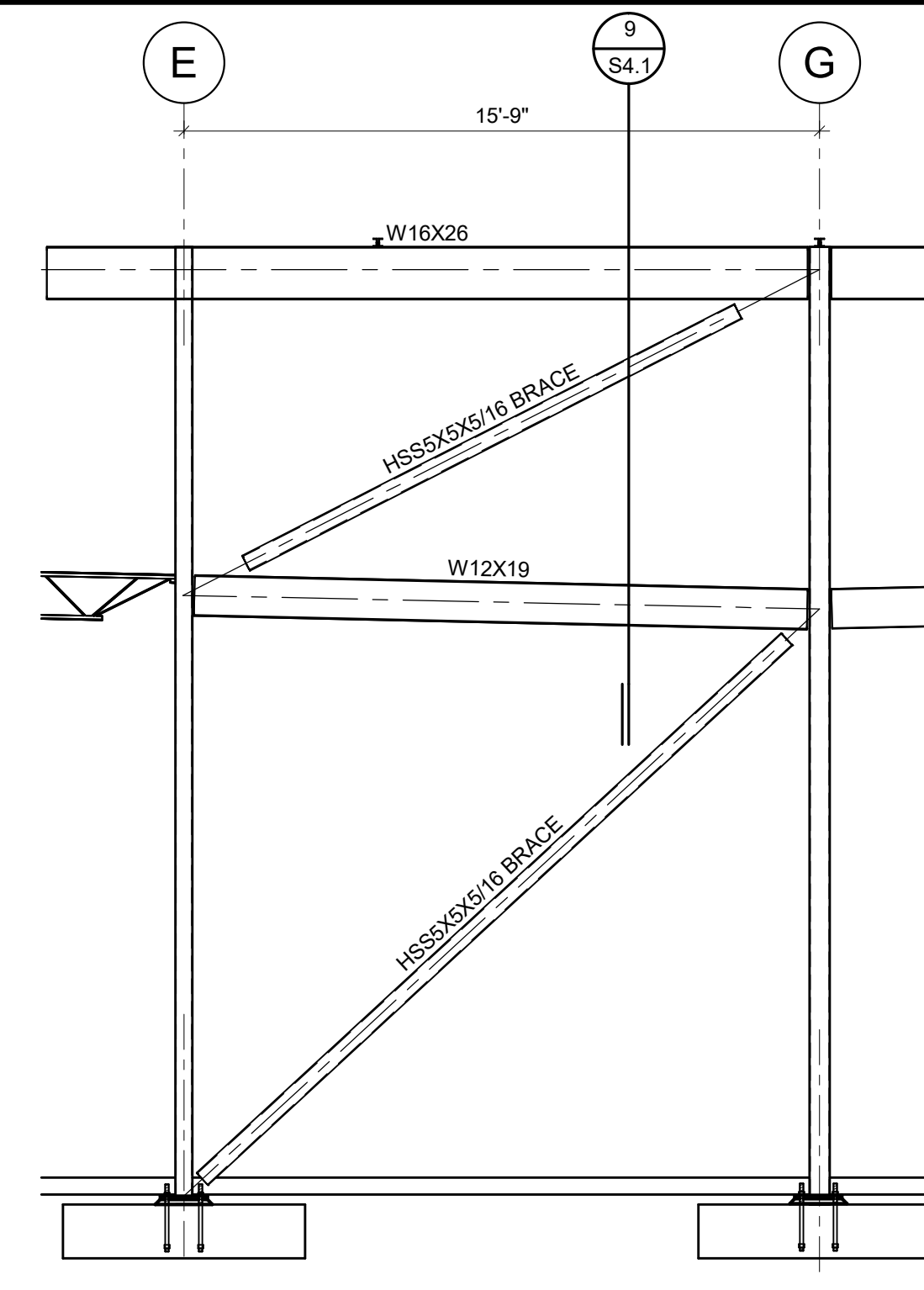
23-069
JOB NO.
2024 11 29
DATE
PACKAGE NO. 2



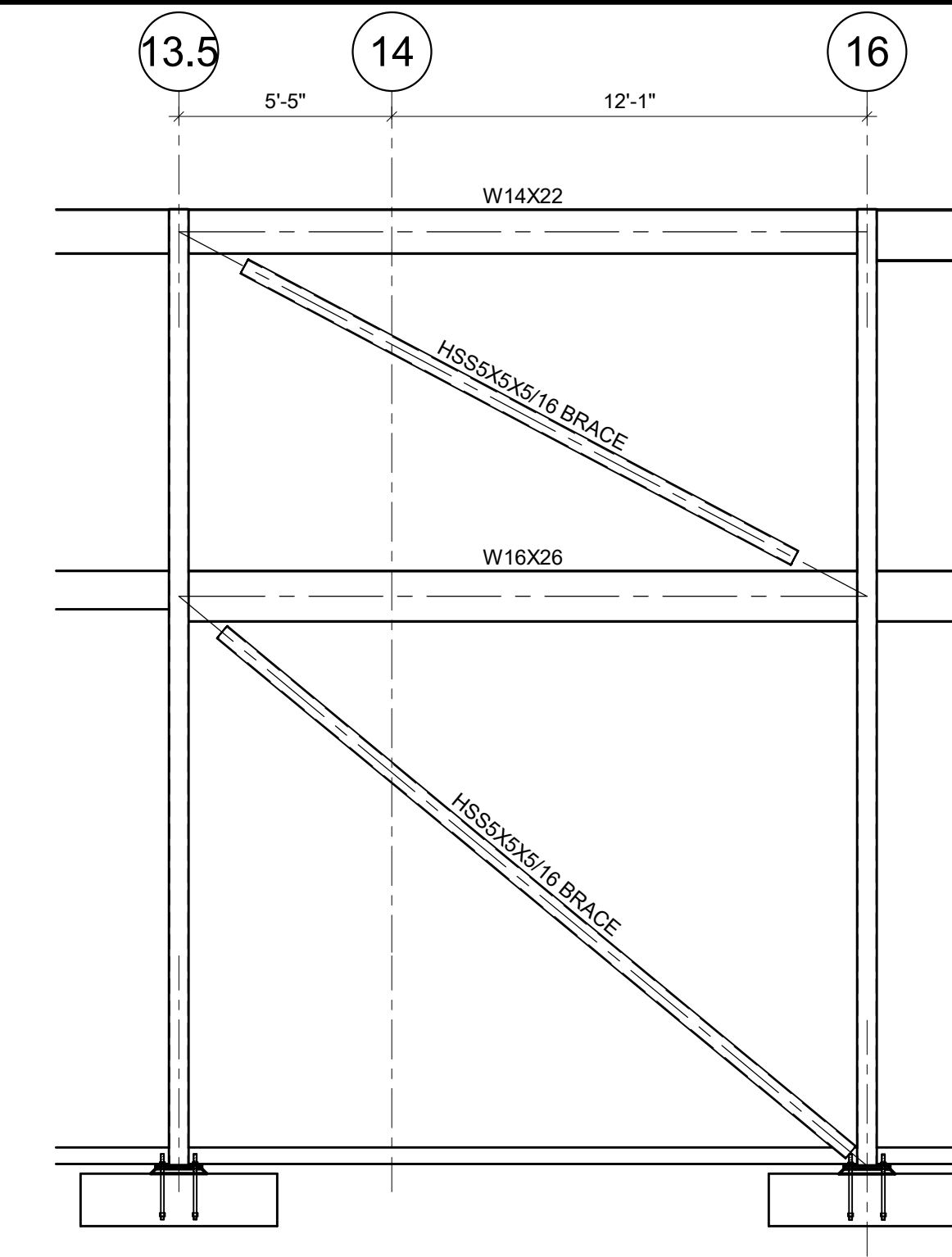
1 BRACE ELEVATION
1/4" = 1'-0"



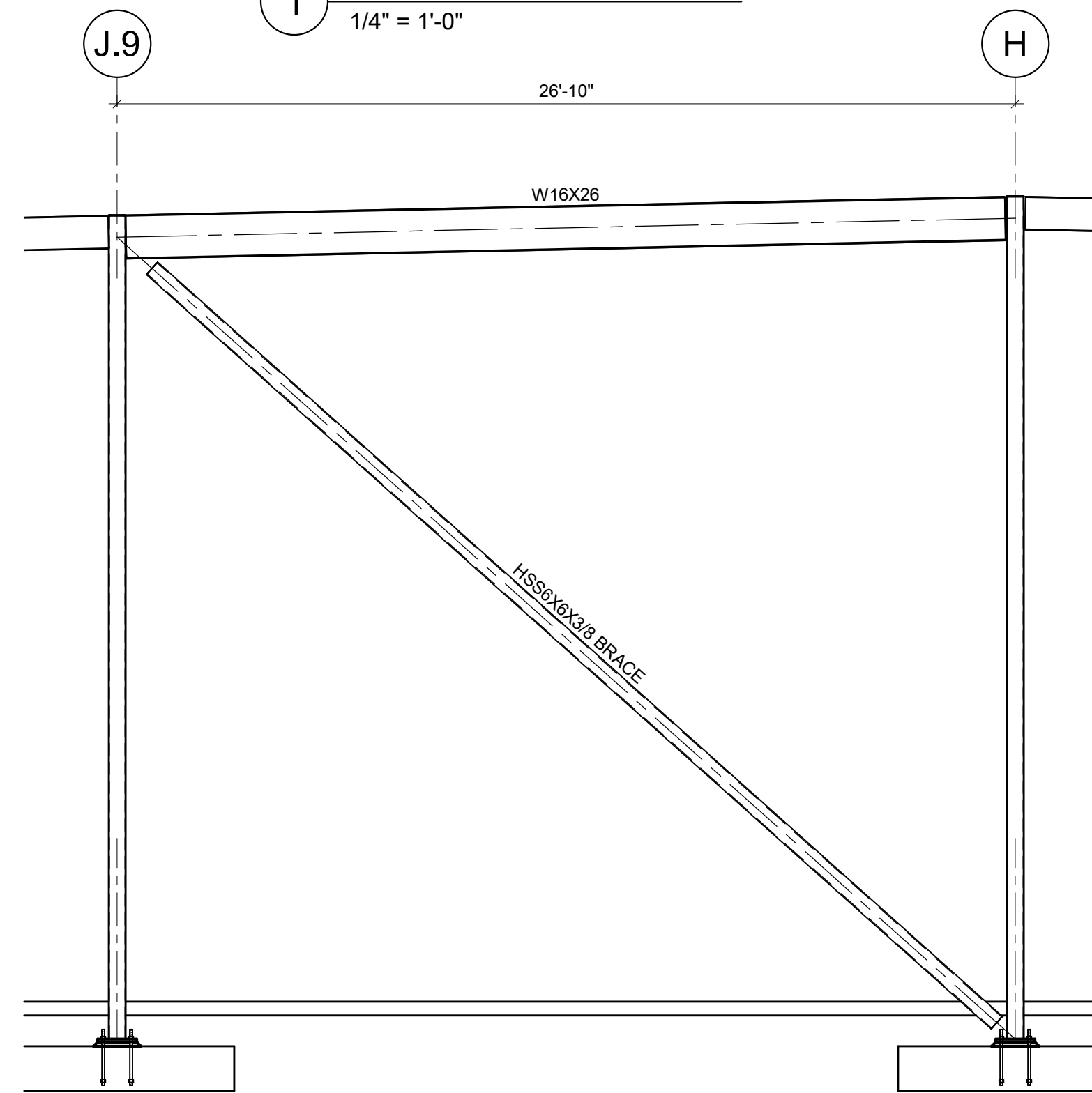
2 BRACE ELEVATION
1/4" = 1'-0"



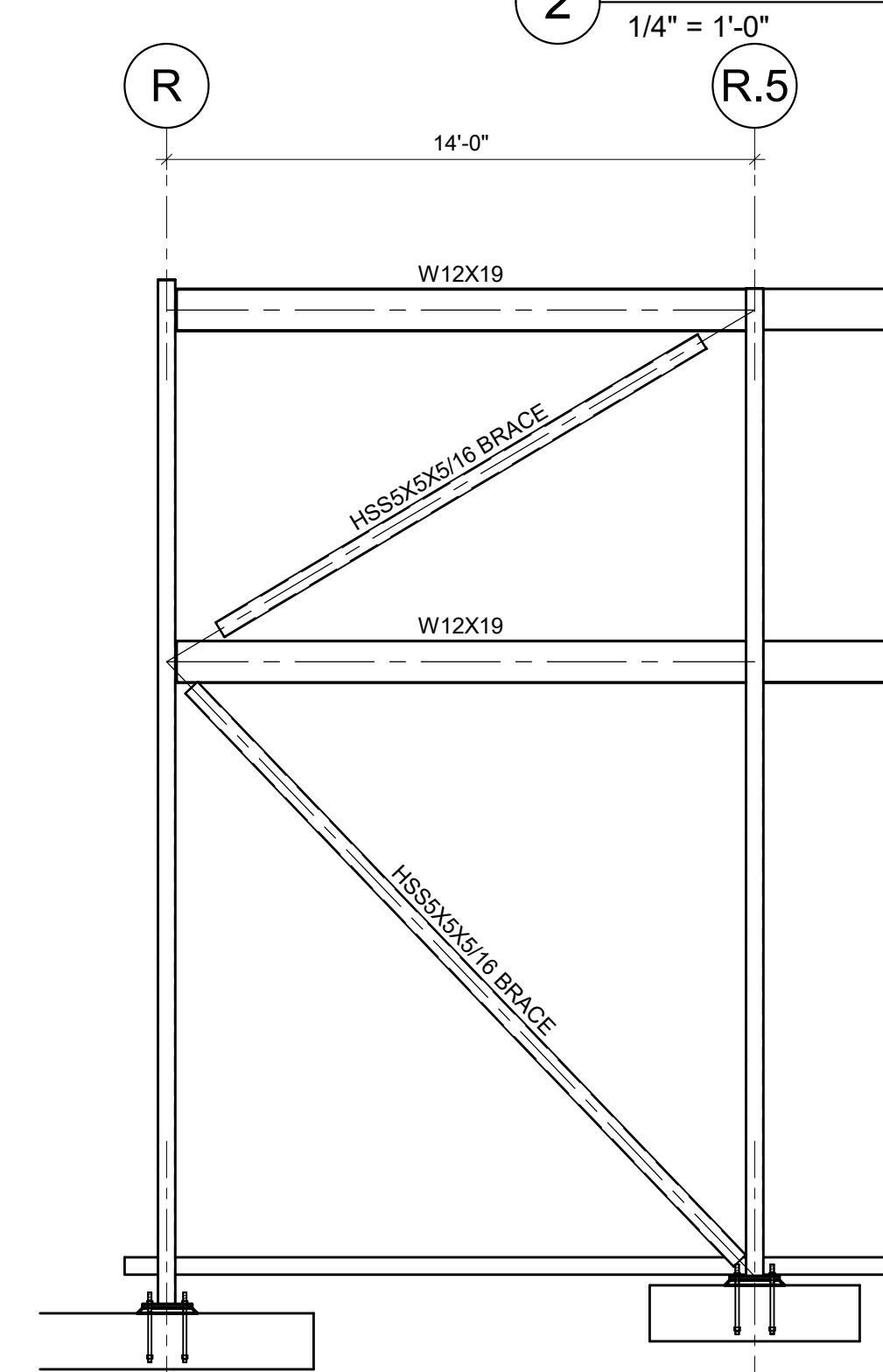
3 BRACE ELEVATION
1/4" = 1'-0"



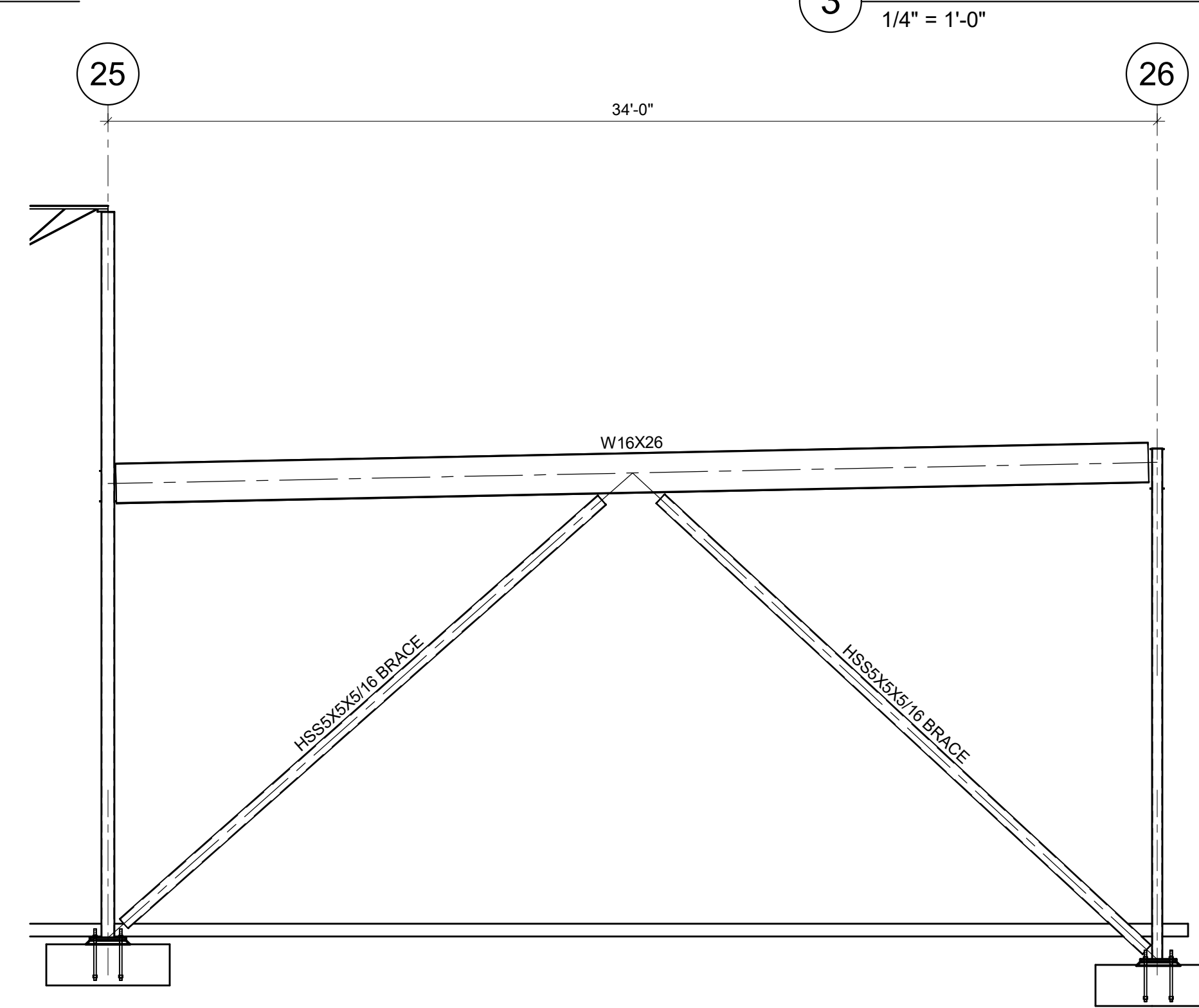
4 BRACE ELEVATION
1/4" = 1'-0"



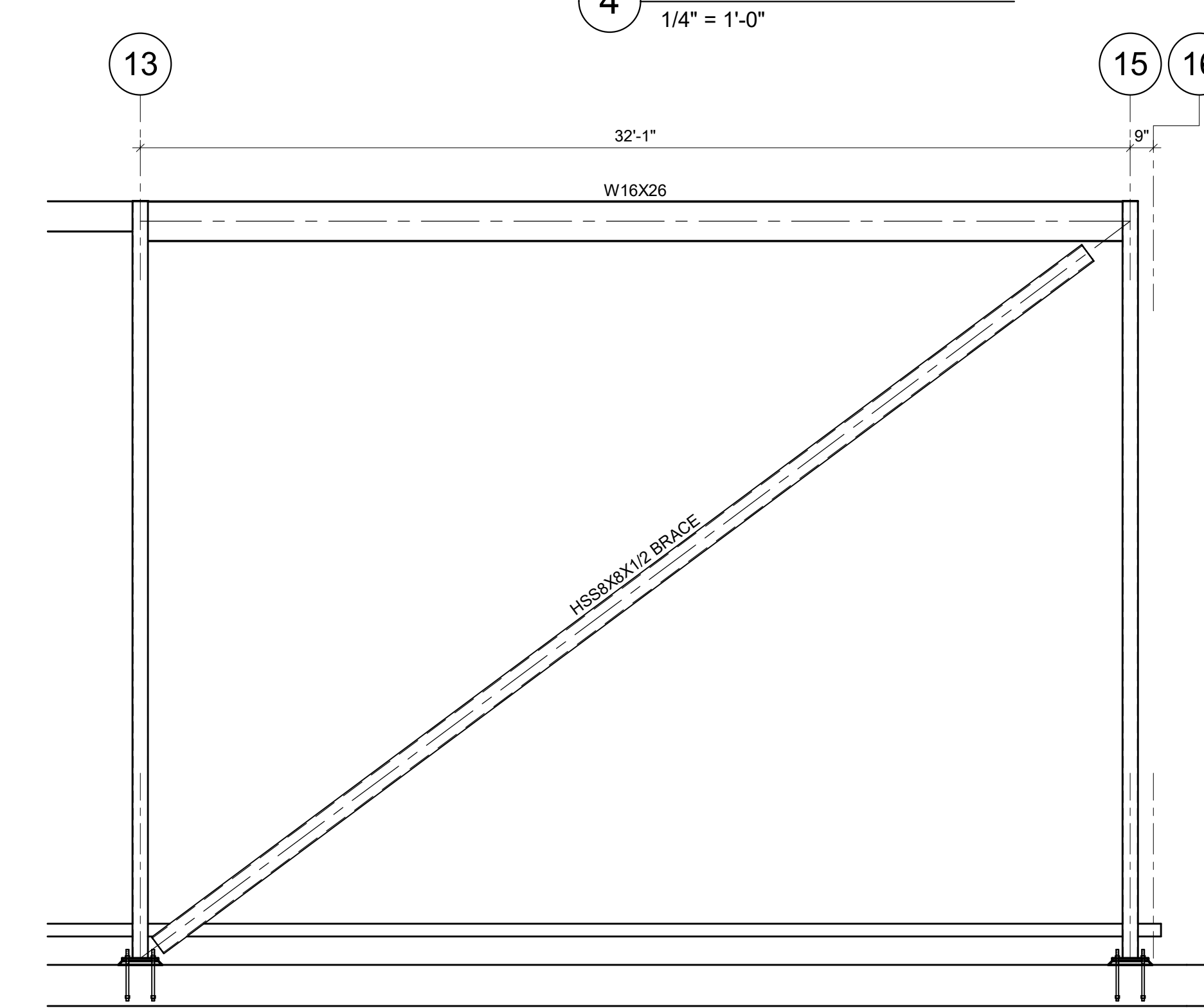
5 BRACE ELEVATION
1/4" = 1'-0"



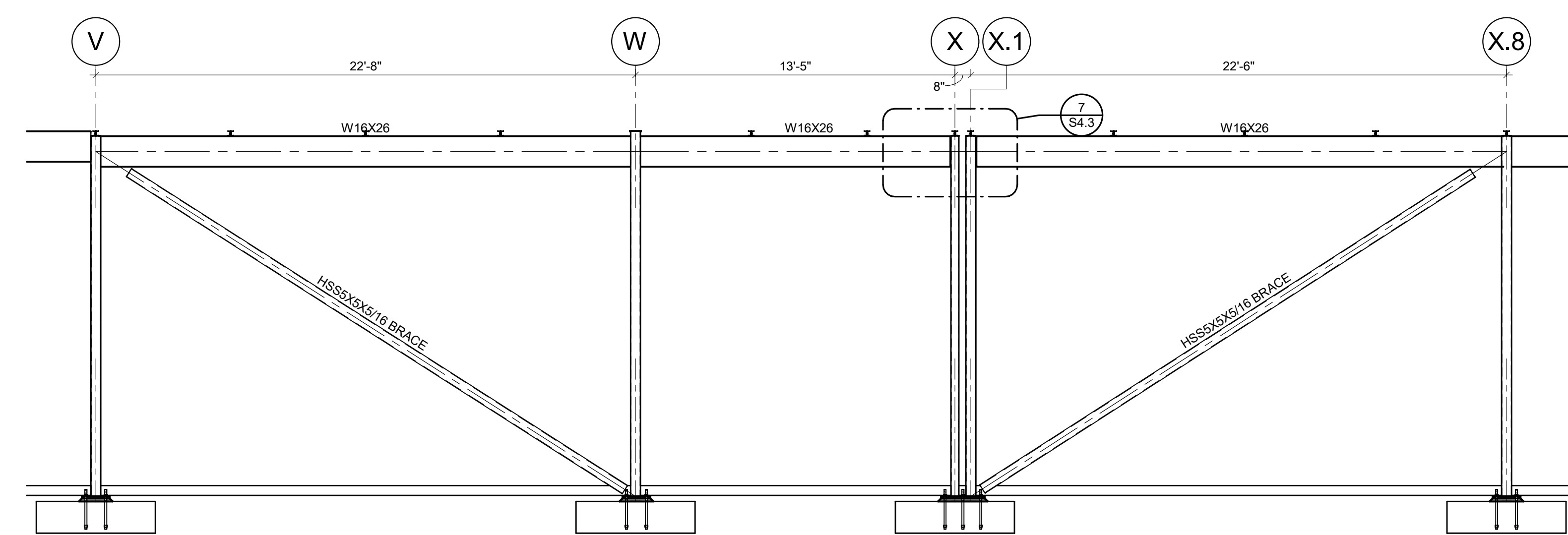
6 BRACE ELEVATION
1/4" = 1'-0"



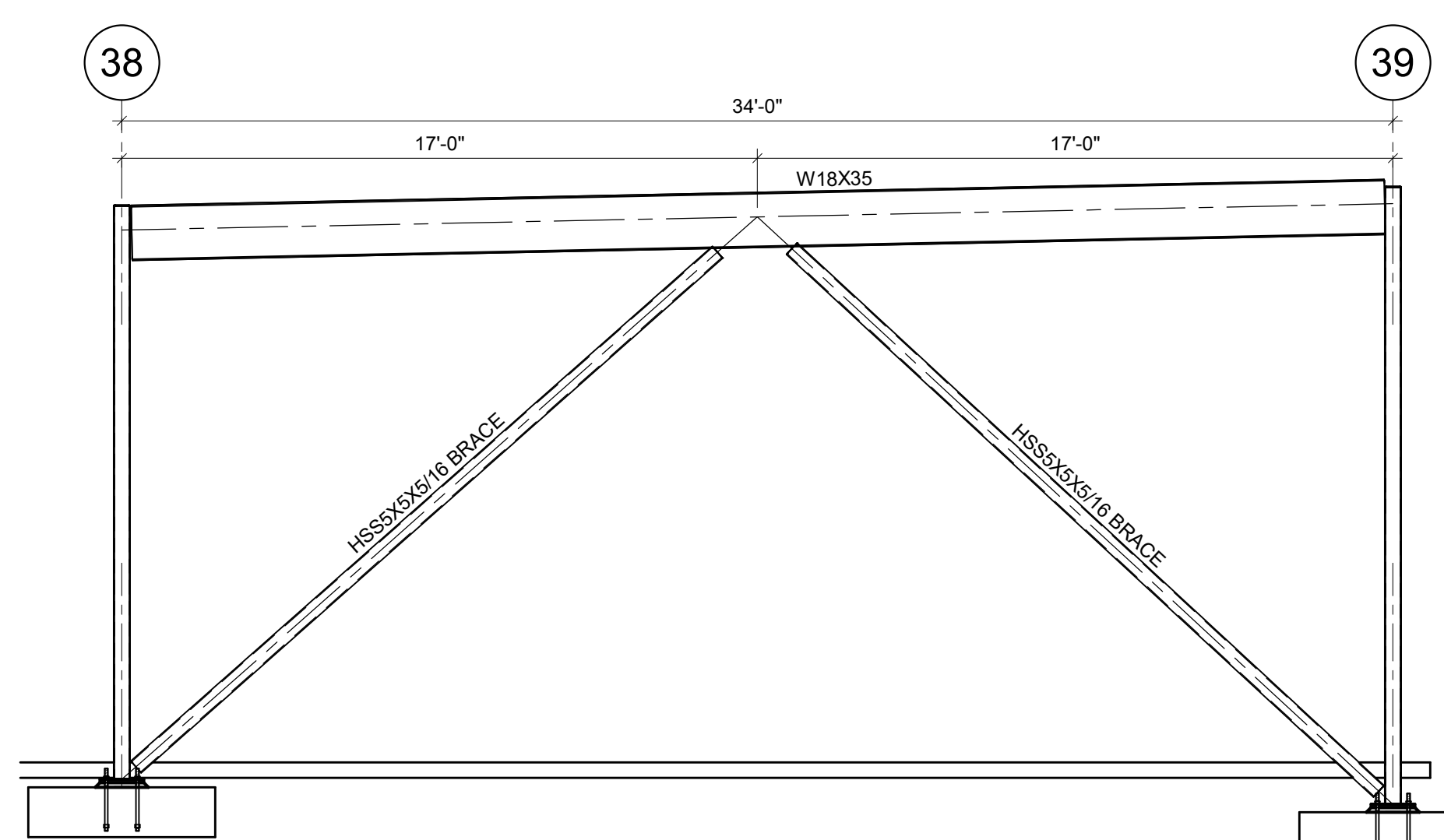
7 BRACE ELEVATION
1/4" = 1'-0"



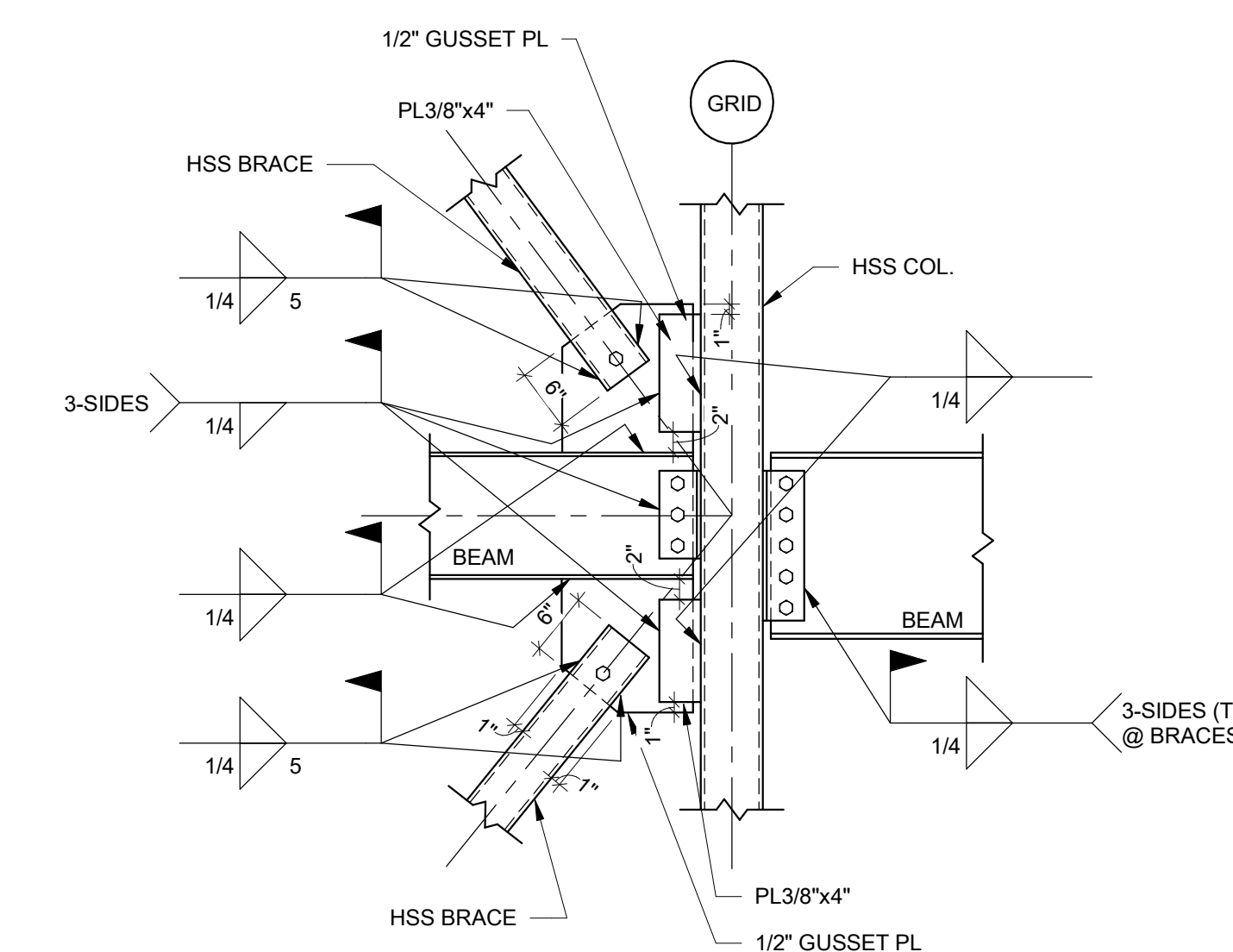
8 BRACE ELEVATION
1/4" = 1'-0"



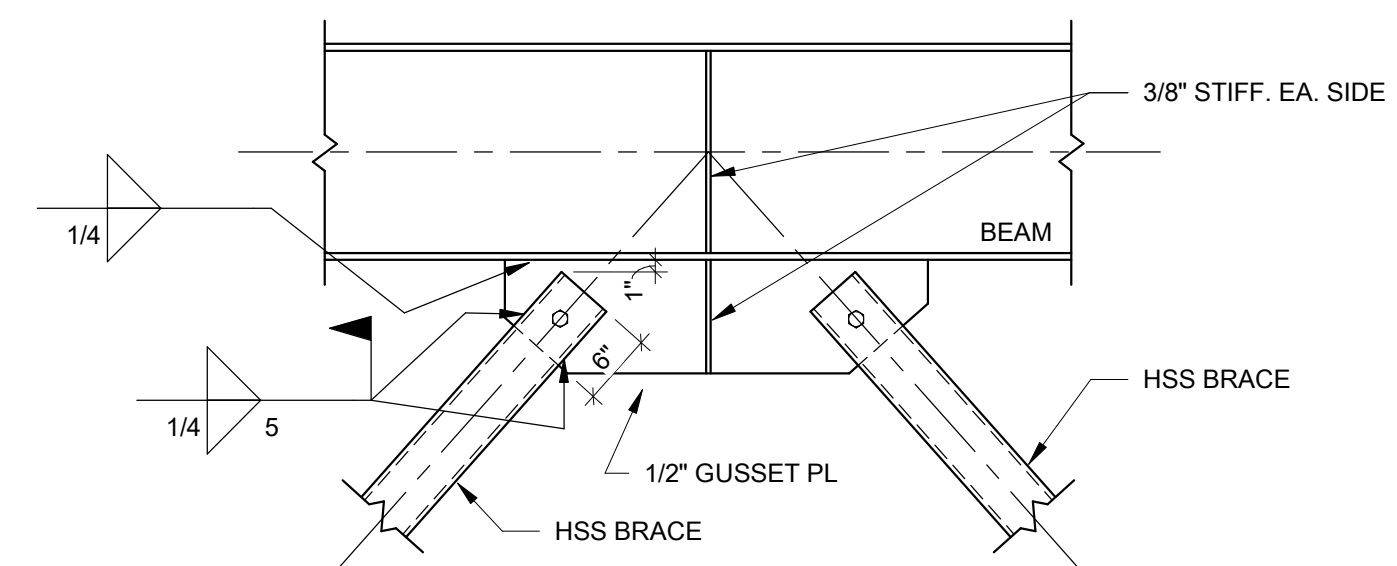
9 BRACE ELEVATION
1/4" = 1'-0"



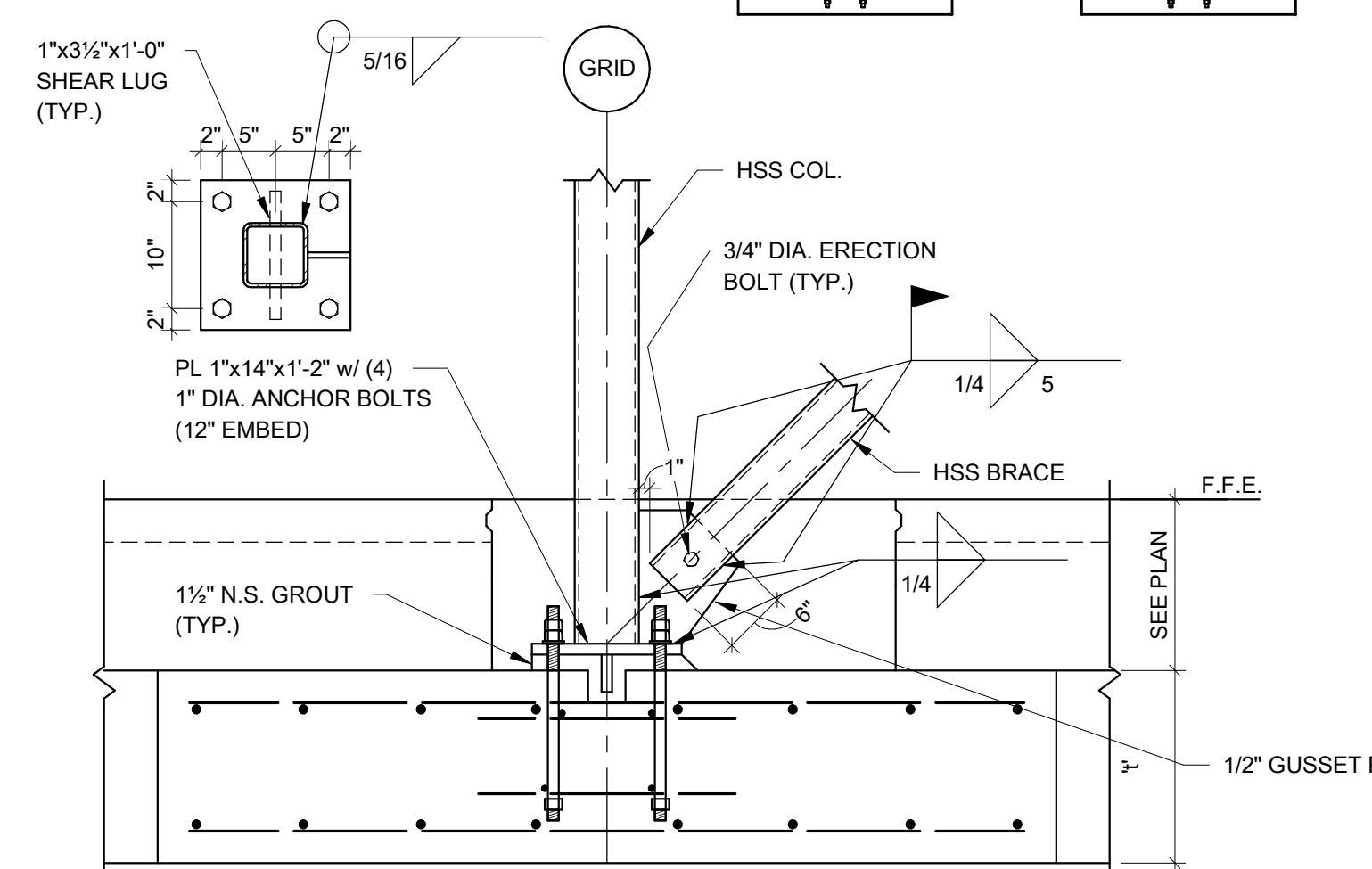
10 BRACE ELEVATION
1/4" = 1'-0"



11 TYPICAL BRACE CONNECTION AT TOP OR BOT OF BEAM
3/4" = 1'-0"



12 TYPICAL BRACE CONNECTION AT INVERTED V-BRACE
3/4" = 1'-0"



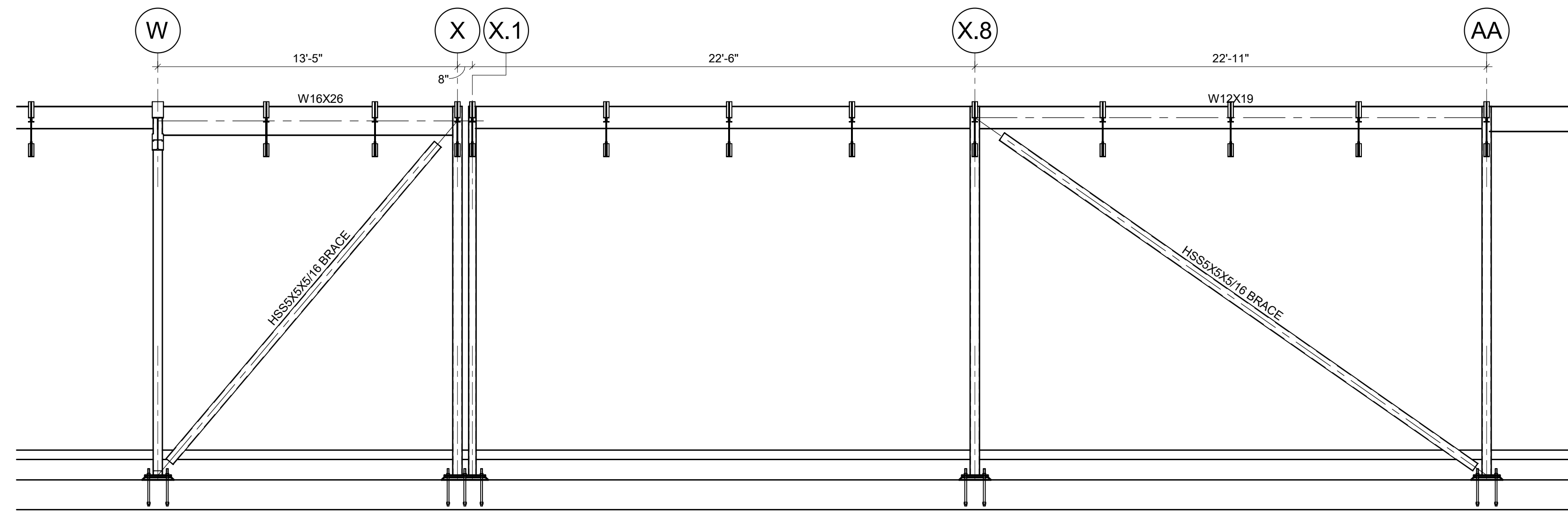
13 TYPICAL FOUNDATION BRACE CONNECTION
3/4" = 1'-0"

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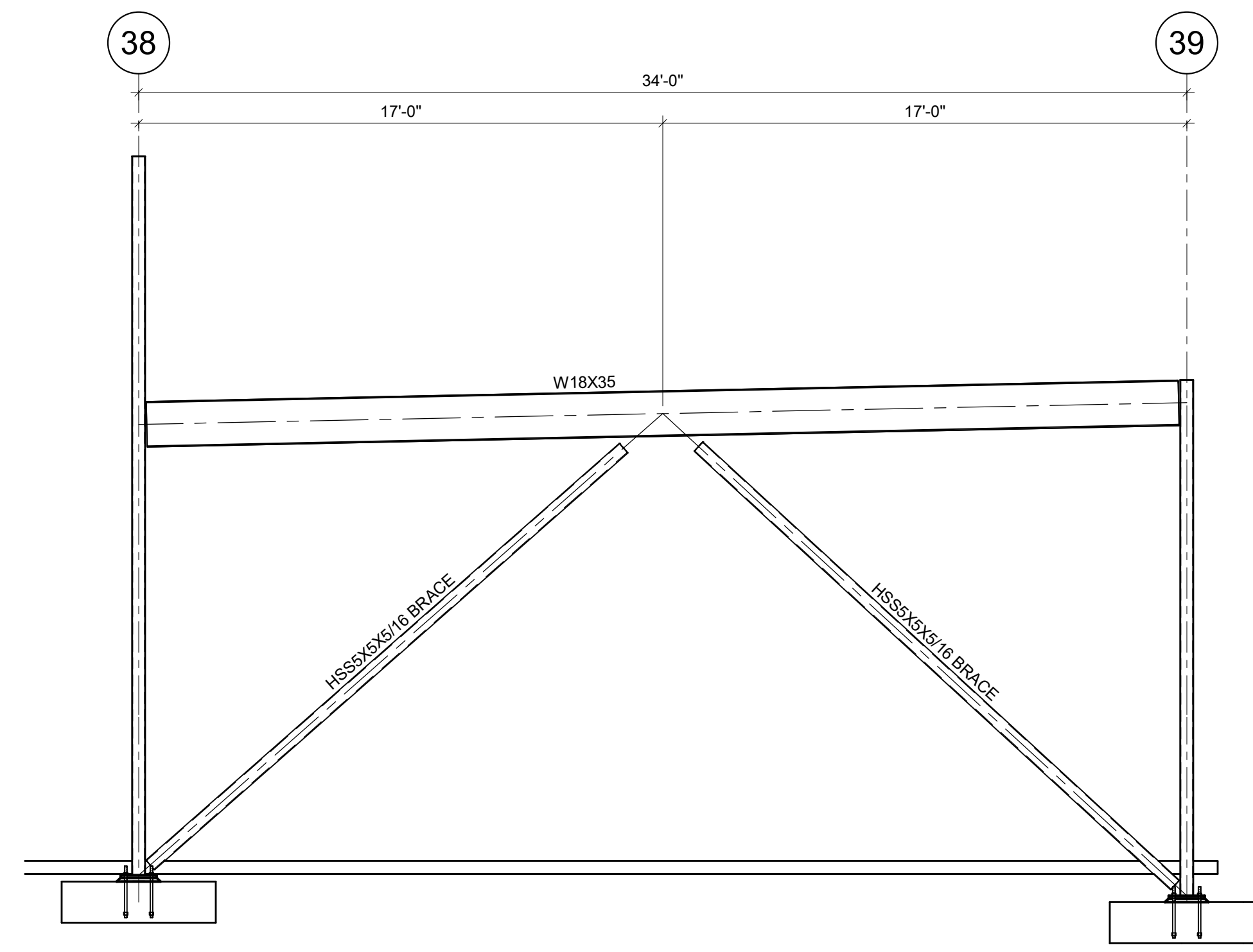
401 West Capital Avenue, Suite 305
Little Rock, Arkansas 72201-3401
Phone No: (501) 376-3752

ECI JOB # 24-168

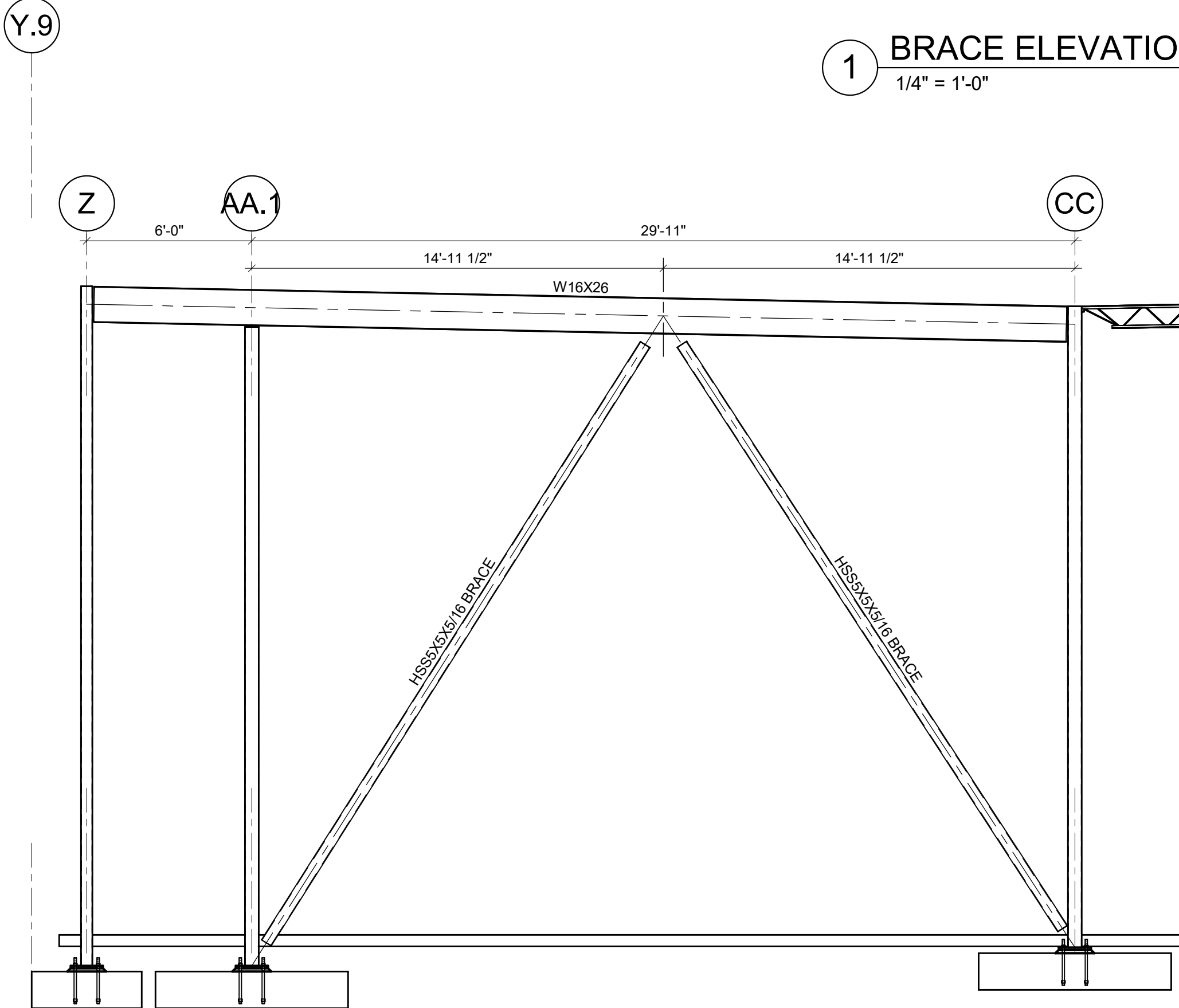
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 15390
SEVEN M. BEGGS
1/27/24



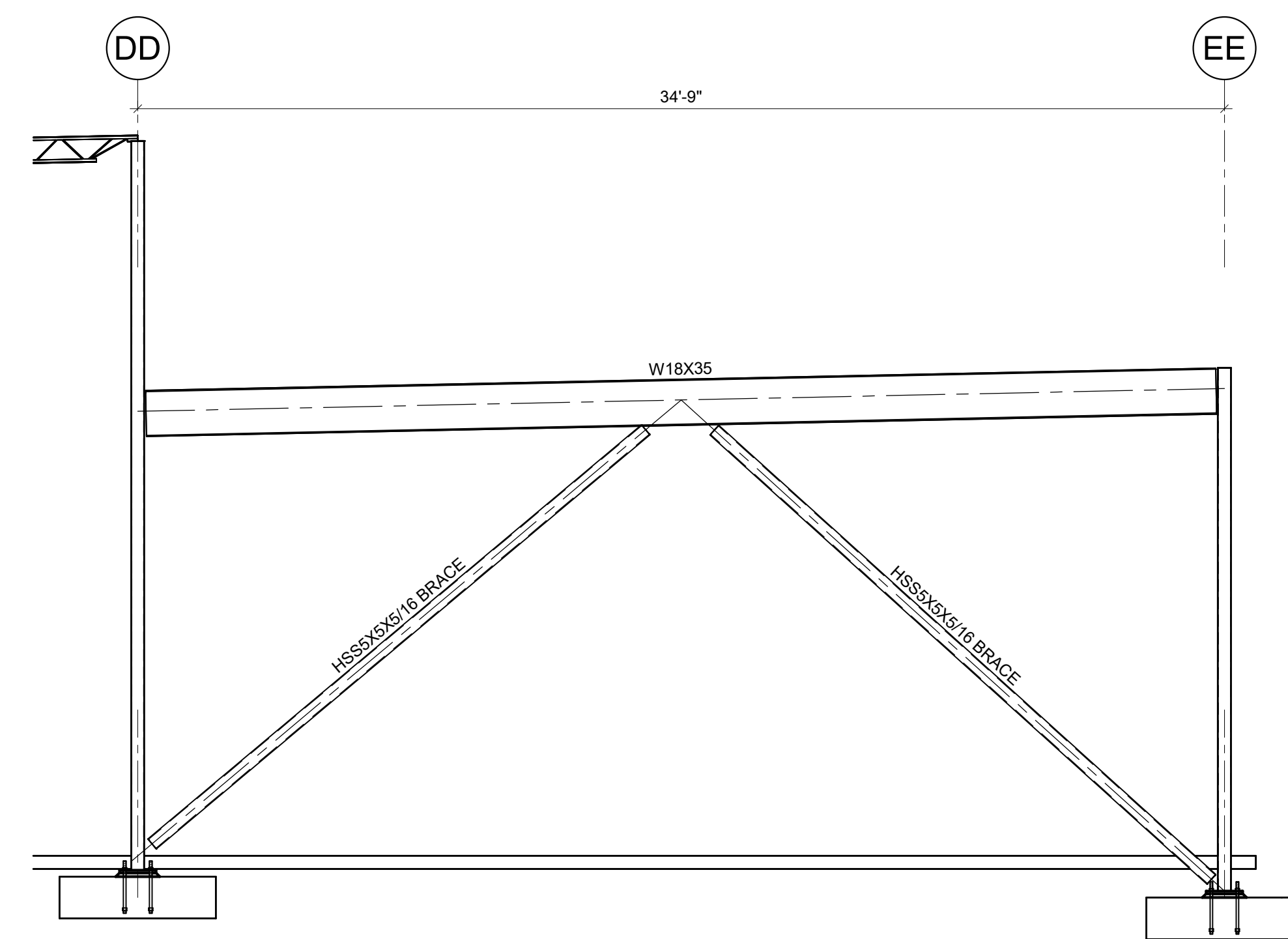
1 BRACE ELEVATION
1/4" = 1'-0"



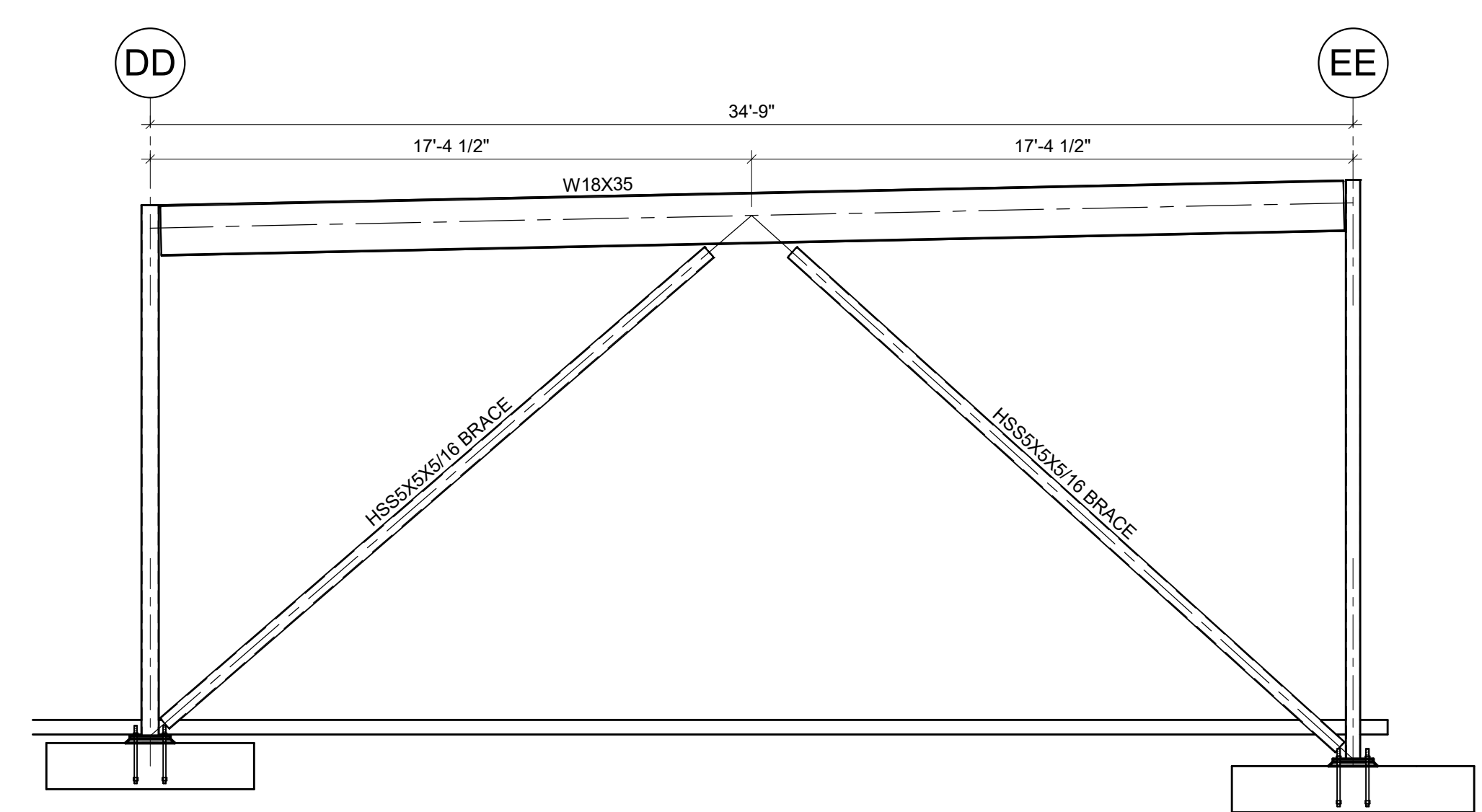
2 BRACE ELEVATION
1/4" = 1'-0"



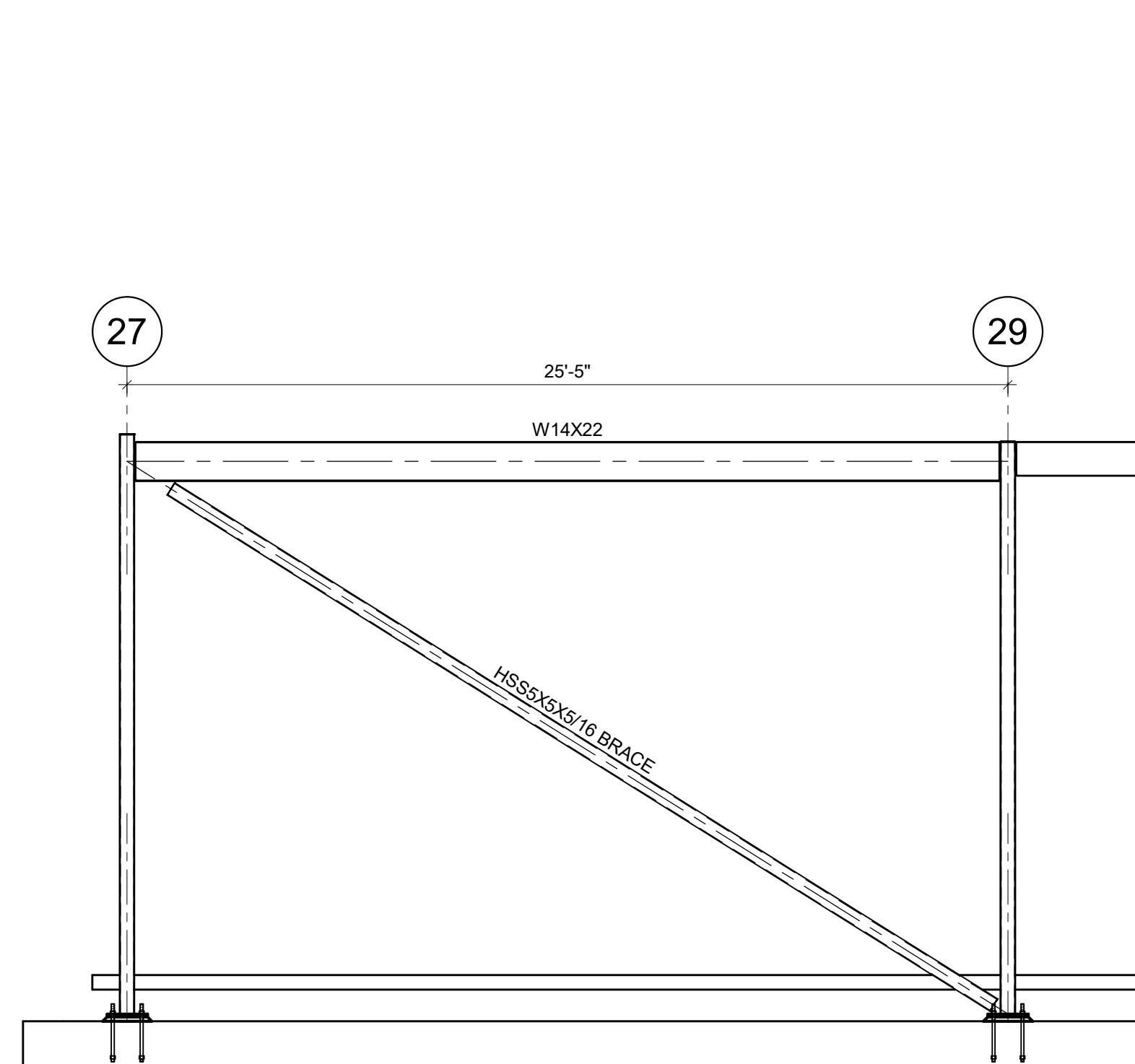
3 BRACE ELEVATION
1/4" = 1'-0"



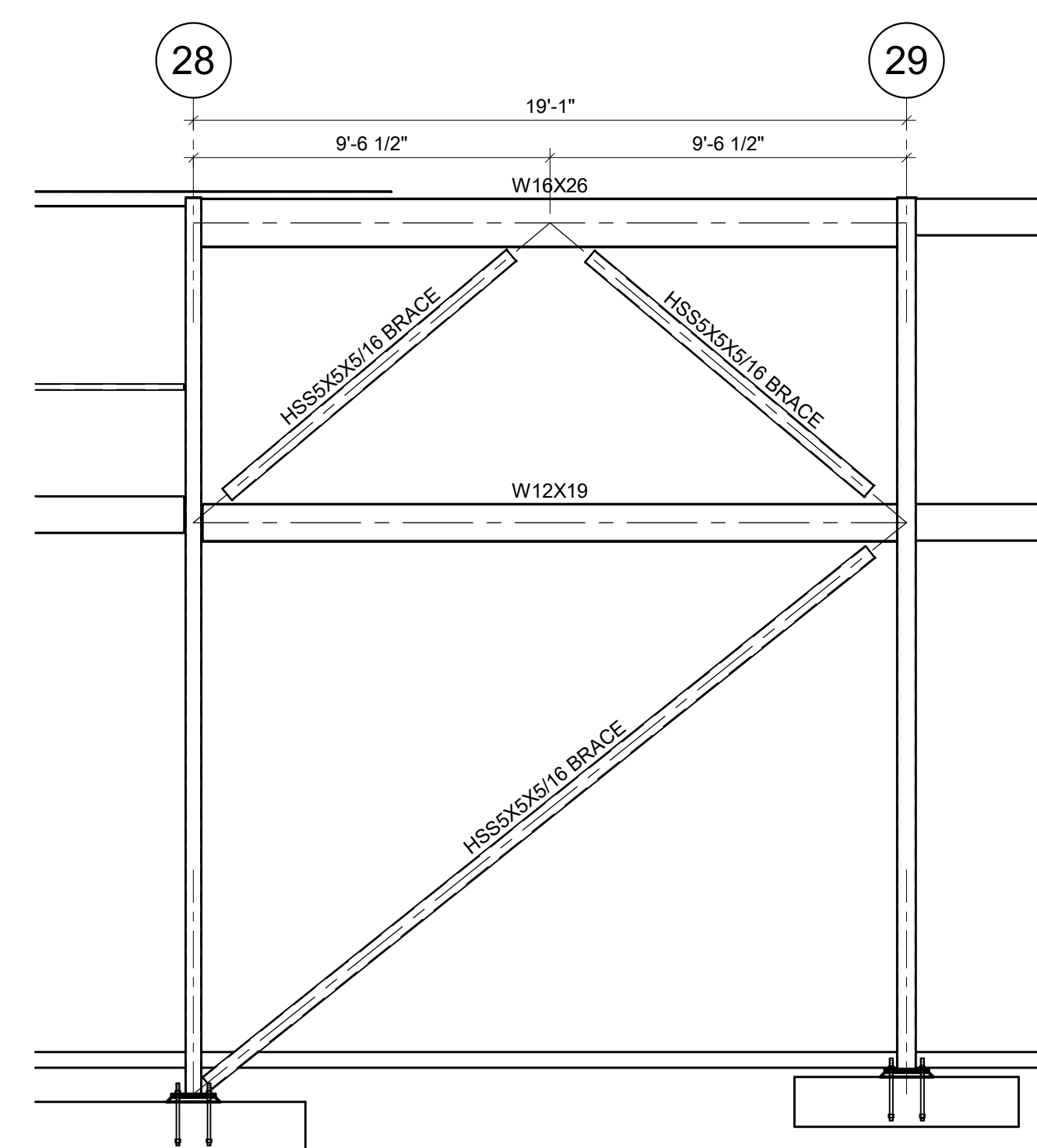
4 BRACE ELEVATION
1/4" = 1'-0"



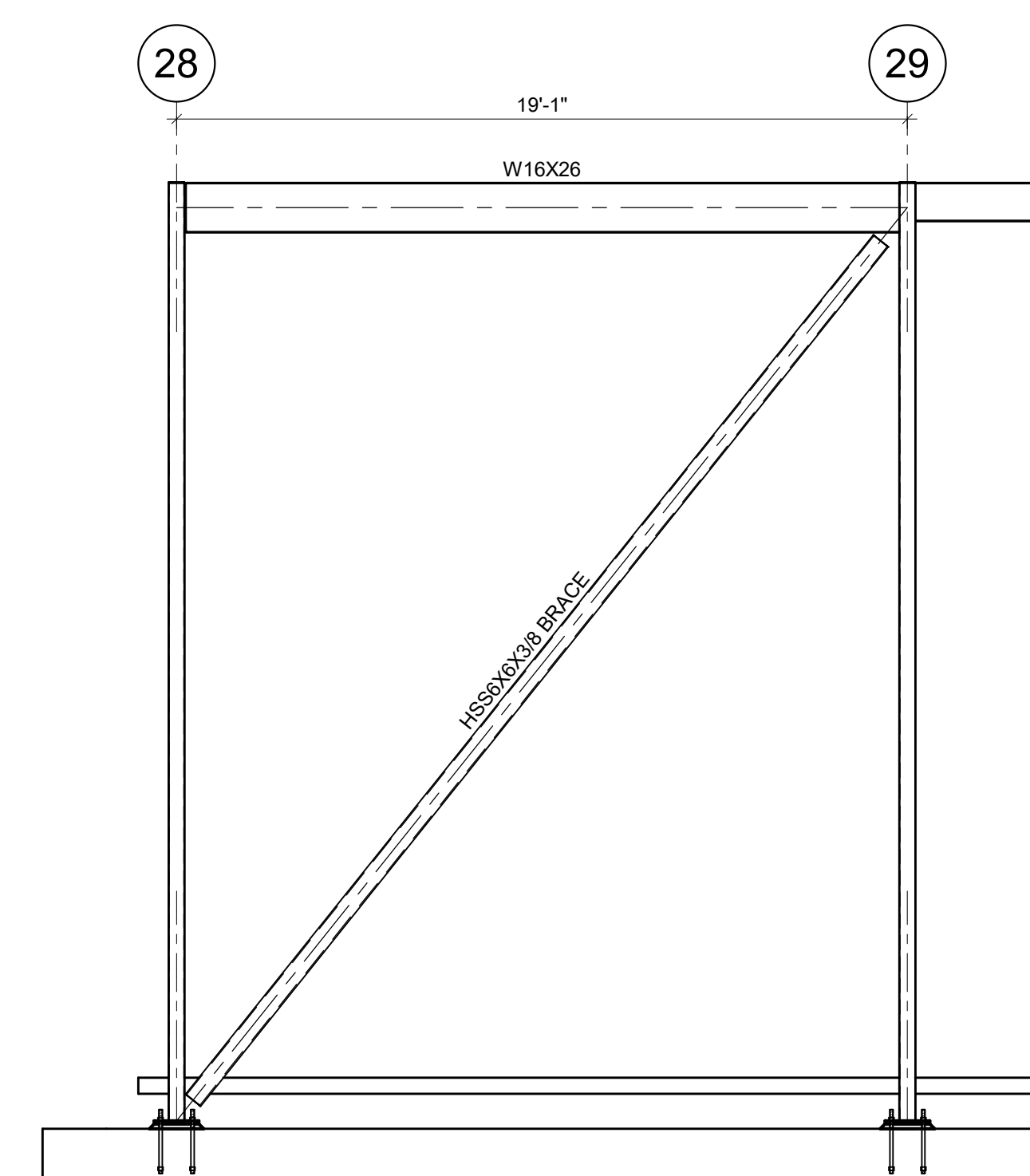
5 BRACE ELEVATION
1/4" = 1'-0"



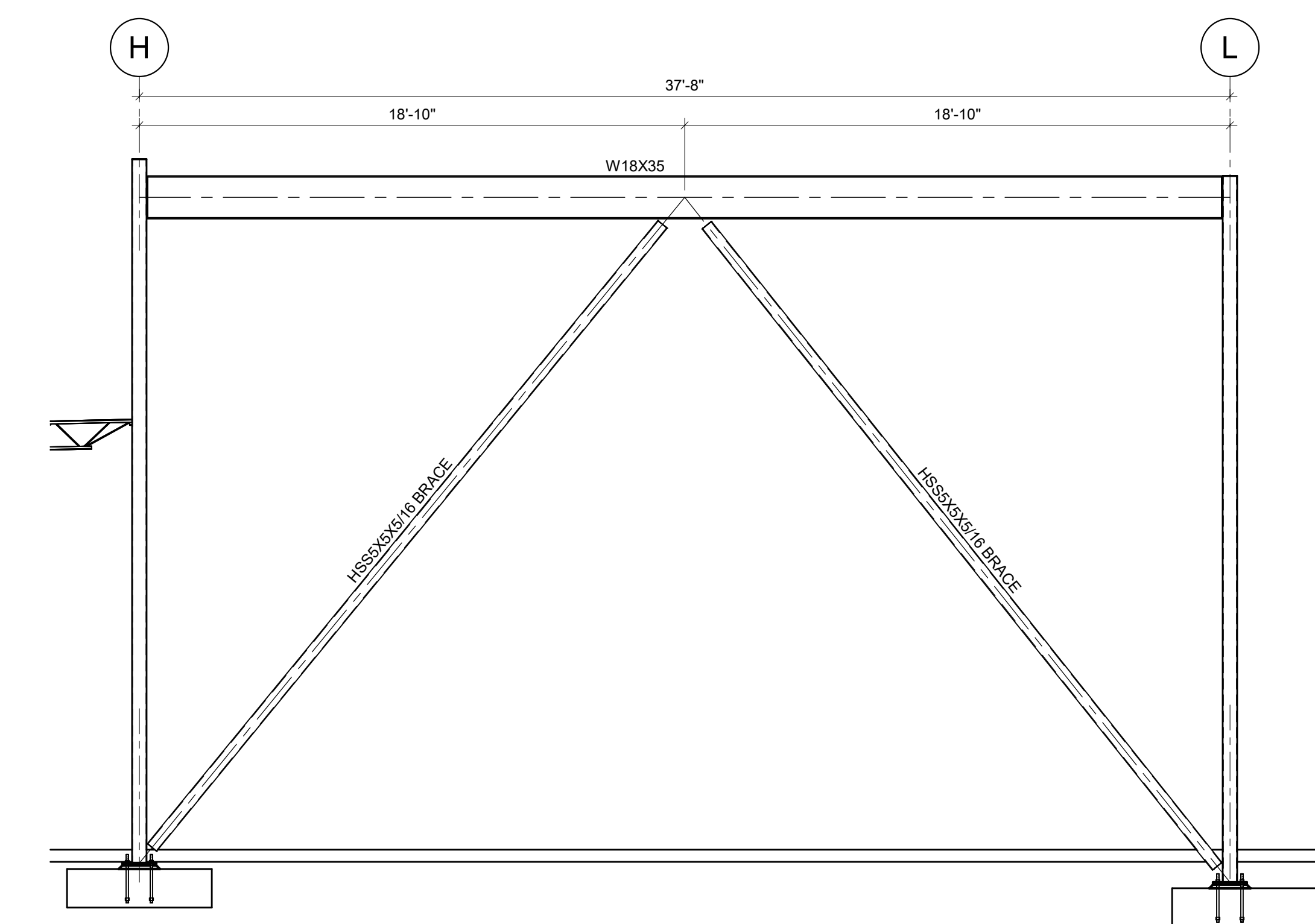
6 BRACE ELEVATION
1/4" = 1'-0"



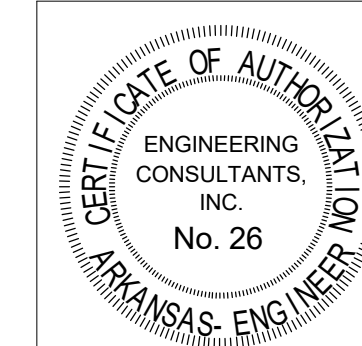
7 BRACE ELEVATION
1/4" = 1'-0"



8 BRACE ELEVATION
1/4" = 1'-0"

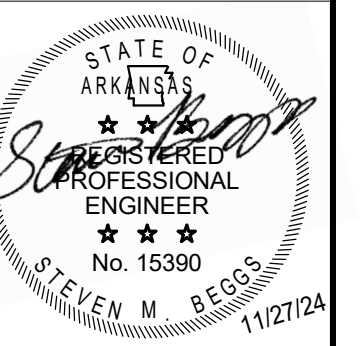


9 BRACE ELEVATION
1/4" = 1'-0"



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Phone No: (501) 376-3752



ECI JOB # 24-168

1/27/2024 2:28:13 PM Autodesk AutoCAD LT 2024 1/27/2024 2:28:13 PM

NO.	DATE	DESCRIPTION

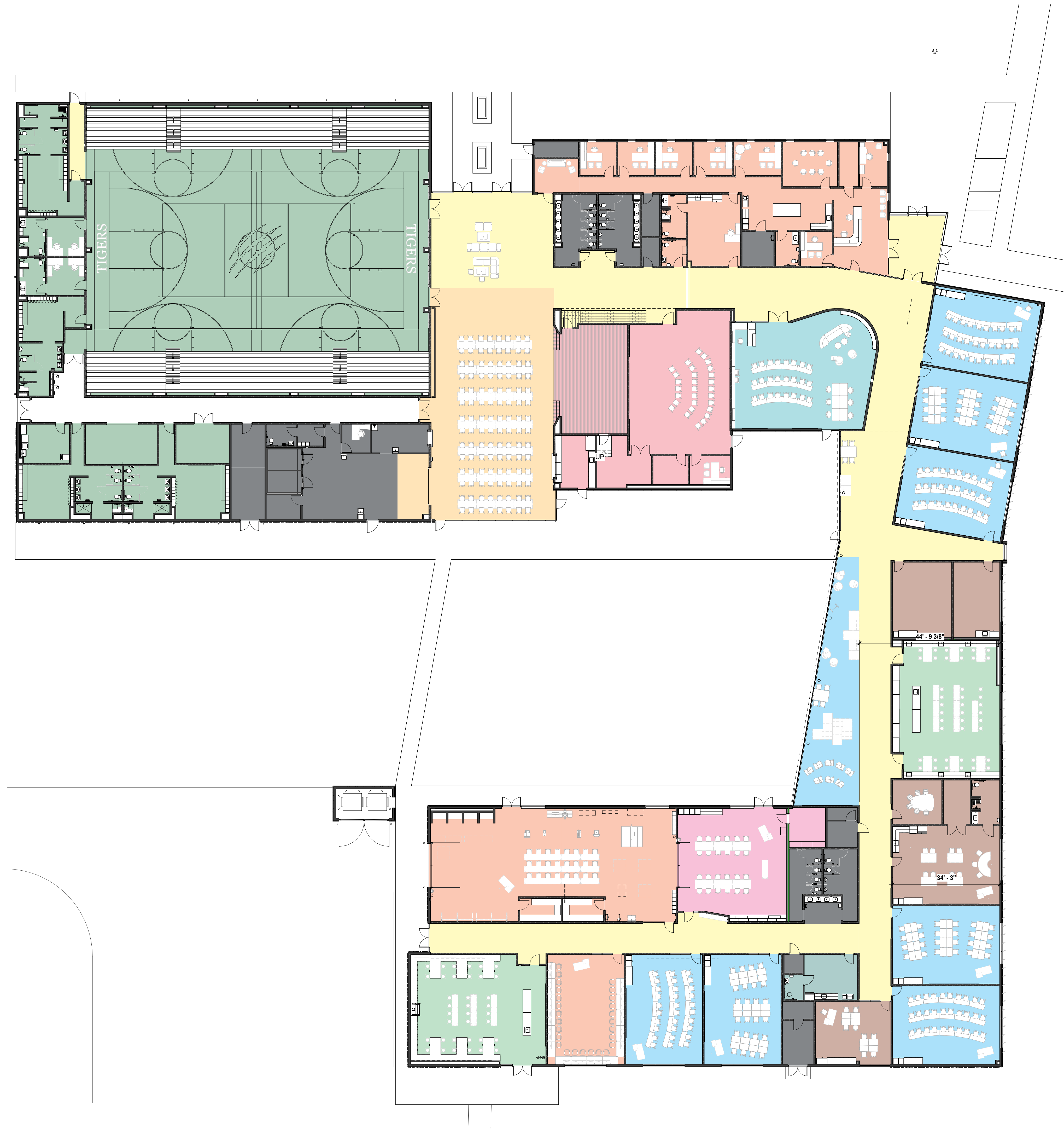
23-069
JOB. NO.
2024 11 29
DATE
FOR INFORMATION ONLY

LEGEND

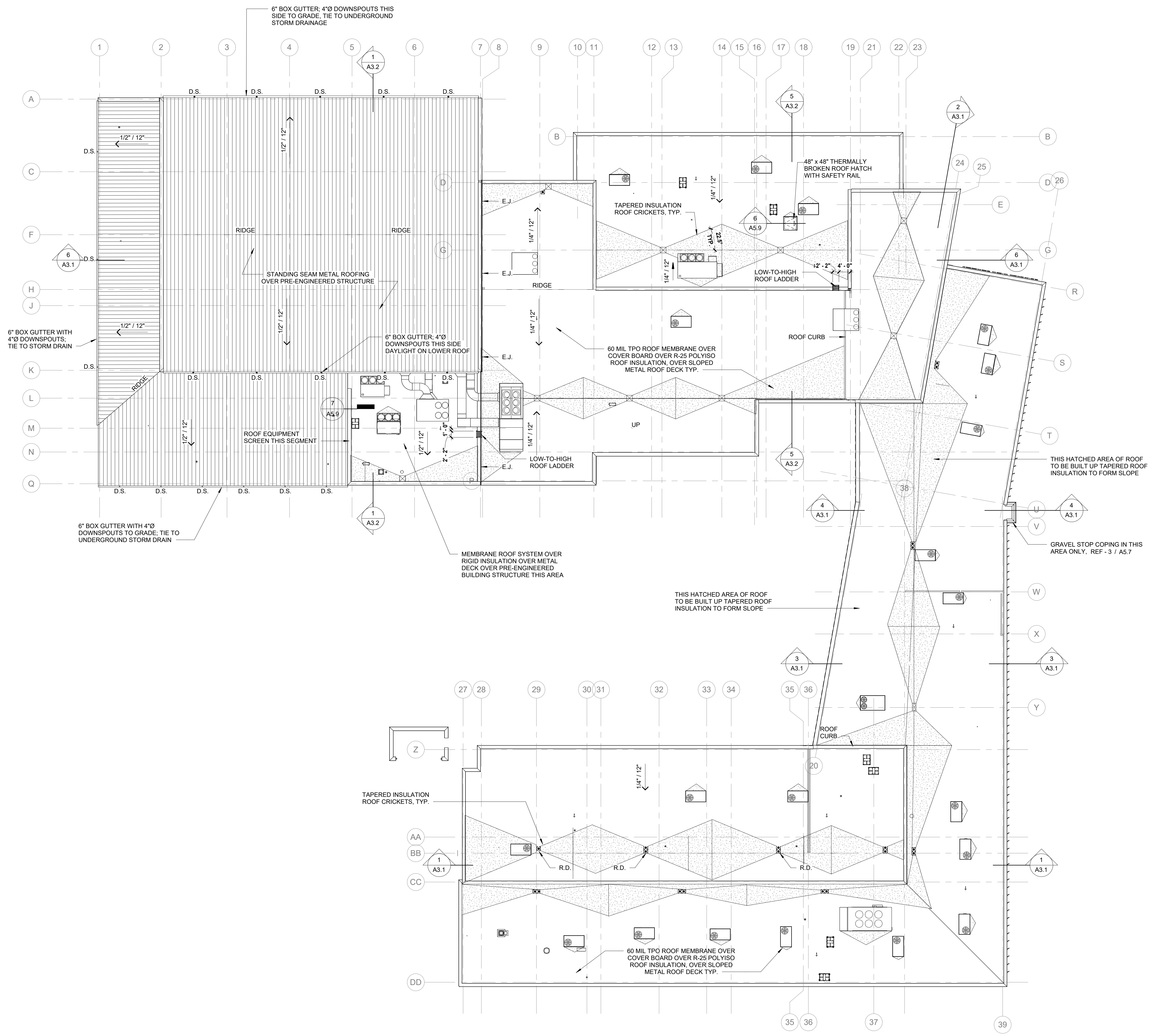
- ACADEMIC
- ACADEMIC SUPPORT
- ADMINISTRATION
- ARTS
- BUILDING SERVICES
- CAREER EDUCATION
- CIRCULATION
- DINING
- MEDIA CENTER
- MUSIC
- PHYSICAL EDUCATION
- SCIENCE
- SPECIAL EDUCATION

COMPOSITE FLOOR PLAN NOTES:

- FURNITURE IS SHOWN FOR REFERENCE ONLY, NOT IN CONSTRUCTION CONTRACT - TO BE PROCURED BY OWNER THROUGH FF&E CONTRACT
- REFER TO SITE PLAN AND CIVIL/LANDSCAPE DRAWINGS FOR SCOPE OF WORK OUTSIDE BUILDING



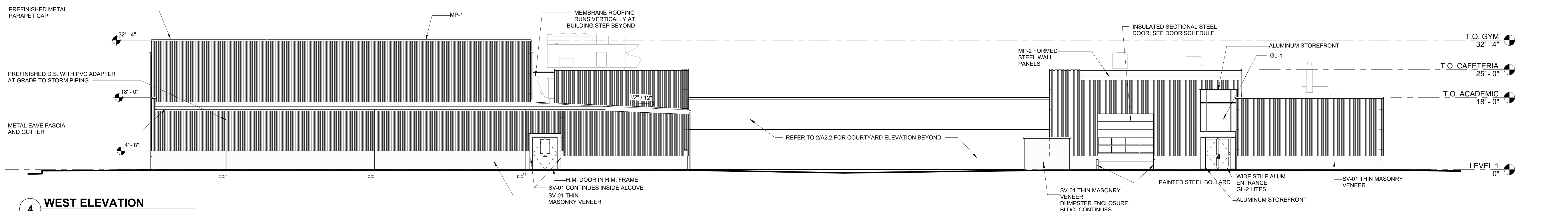
1 COMPOSITE FLOOR PLAN
1/16" = 1'-0"



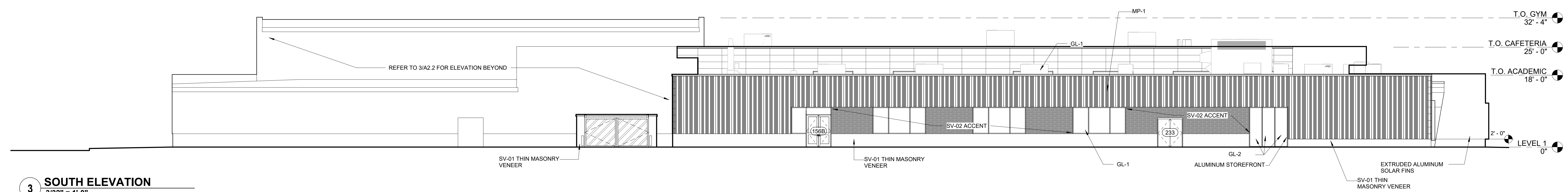
1 ROOF PLAN
1/16" = 1'-0"

EXTERIOR MATERIAL LEGEND

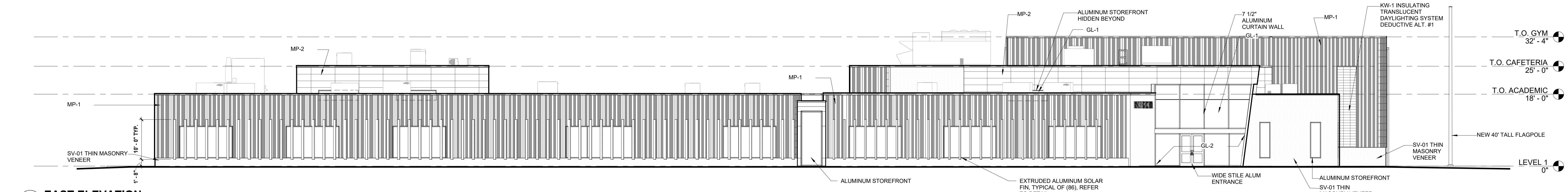
MARK	DESCRIPTION	MANUFACTURER (BASIS OF DESIGN)	PRODUCT (BASIS OF DESIGN)	FINISH	SIZE	REMARKS
BV-01 - DEDUCTIVE ALT. #2	THIN BRICK VENEER	INTERSTATE BRICK CO.	THIN BRICK	COLOR: "PEWTER", FINISH: MATTE	4x12 UTILITY WITH CORNER RETURNS	REPLACES SV-01 IF DEDUCT #2 IS ACCEPTED
BV-02 - DEDUCTIVE ALT. #2	THIN BRICK VENEER	INTERSTATE BRICK CO.	THIN BRICK	COLOR: "PLATINUM", FINISH: MATTE	4x12 UTILITY WITH CORNER RETURNS	REPLACES SV-02 IF DEDUCT #2 IS ACCEPTED
CW-1	CURTAIN WALL GLAZING	KAWNEER	CURTAIN WALL 1600 SYSTEMS 1 AND 2	70% PVDF, COLOR: MEDIUM BRONZE	FRAME DEPTH AS REQUIRED	
GL-1	EXTERIOR GLAZING	VITRO ARCHITECTURAL GLASS	SOLORBAN 80 (2) OPTIGRAY + CLEAR		1" THICK IGU	4.56 mm SECURITY "SENTRY GLAS" INTERLAYER
GL-2	EXTERIOR FORCED ENTRY RESISTANT GLAZING	VITRO ARCHITECTURAL GLASS	SOLORBAN 80 (2) OPTIGRAY + CLEAR		1" THICK IGU W/ LAMINATED LITE	OMIT AND SUB MP-1 IF DEDUCT #1 IS ACCEPTED
KW-1 - BASE BID	INSULATING TRANSLUCENT DAYLIGHTING SYSTEM	KALWALL	4" FACADE PANEL SYSTEM	CRYSTAL	20" x 8" REVERSE SHOJI	
MP-1 - BASE BID	CONCEALED FASTENER CORRUGATED MTL WALL PANELS	PAC-CLAD	BOX RIB WALL PANEL SERIES, PROFILES 3 & 4 EQ. MIX	TWO-COAT PVDF, COLOR: "BONE WHITE"	22 GA., 12" COVERAGE	
MP-2	FORMED STEEL WALL PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	MFGRS TEXTURAL IV COATING	20" x 72" w STANDARD 20"x12" FORMED CORNERS	24 GA. STEEL
MP-3	FORMED STEEL SOFFIT PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	MFGRS TEXTURAL IV COATING	20" x 72" PANELS	24 GA. STEEL, VENTED
MP-4	FORMED STEEL WALL PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	COLOR MATCH GLAZING		
MP-5 - DEDUCTIVE ALTERNATE #3	CONCEALED FASTENER CORRUGATED MTL WALL PANEL	McELROY METALS	"WAVE" CONCEALED FASTENER WALL PANEL	FLUOROPON, COLOR: "BONE WHITE"	22 GA., 16" COVERAGE	REPLACES MP-1 IF DEDUCT #3 IS ACCEPTED
SD-01	SECTIONAL STEEL DOOR	OVERHEAD DOOR CO.	THERMACORE 596	POWDER COAT, CUSTOM RAL COLOR		
SF-1	STOREFRONT GLAZING	KAWNEER	ENCORE	70% PVDF, COLOR: MEDIUM BRONZE	FRAME DEPTH AS REQUIRED	FRONT SET GLASS
SS-1	EXTRUDED ALUM. SOLAR SHADING FIN	GORDON	EXTERIOR VERTICAL FIN	POWDER COAT, CUSTOM RAL COLOR	2" WIDE x 12" DEEP	
SV-01 - BASE BID	THIN STONE VENEER	U.S. STONE	"LITE PANELS" THIN STONE VENEER	TOP LEDGE COTTONWOOD, HONED PLAZA GREY, HONED	4 x 6 x 24	
SV-02 - BASE BID	THIN STONE VENEER	U.S. STONE	"LITE PANELS" THIN STONE VENEER	PLAZA GREY, HONED		
WIDE STILE ALUMINUM ENTRANCE		KAWNEER	HEAVY WALL 500 ENTRANCE	70% PVDF, COLOR: MEDIUM BRONZE	SEE DOOR SCHEDULE	



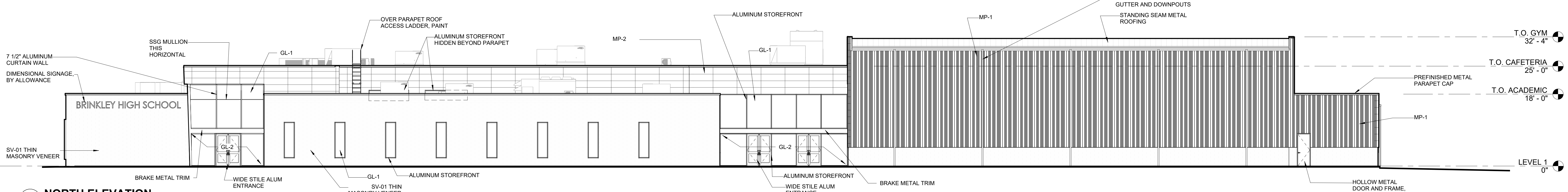
4 WEST ELEVATION
3/32" = 1'-0"



3 SOUTH ELEVATION
3/32" = 1'-0"



2 EAST ELEVATION
3/32" = 1'-0"

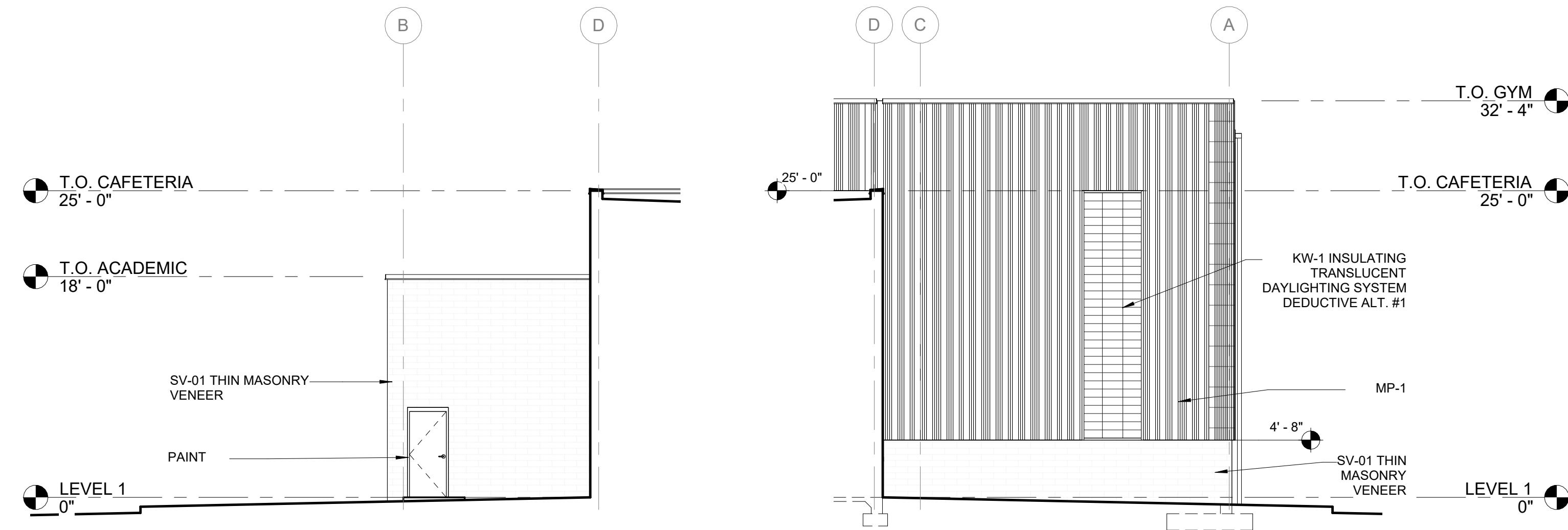


1 NORTH ELEVATION
3/32" = 1'-0"

1/27/2024 2:25:27 PM \\Aurora\Draw\Brinkley High School\A2.00 Exterior High School.dwg User: jrs

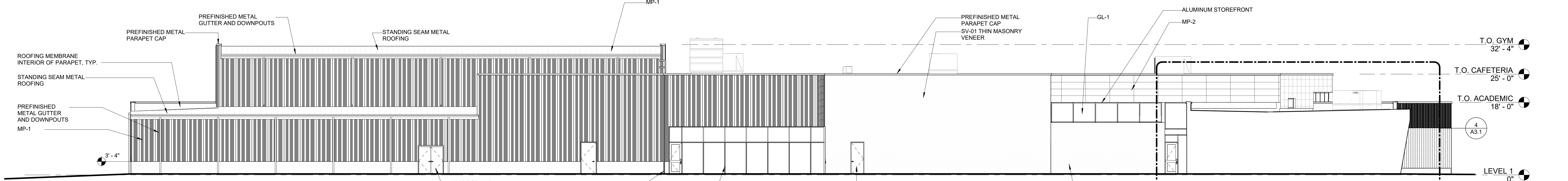
EXTERIOR MATERIAL LEGEND

MARK	DESCRIPTION	MANUFACTURER (BASIS OF DESIGN)	PRODUCT (BASIS OF DESIGN)	FINISH	SIZE	REMARKS
BV-01 - DEDUCTIVE ALT. #2	THIN BRICK VENEER	INTERSTATE BRICK CO.	THIN BRICK	COLOR: "PEWTER", FINISH: MATTE	4x12 UTILITY WITH CORNER RETURNS	REPLACES SV-01 IF DEDUCT #2 IS ACCEPTED
BV-02 - DEDUCTIVE ALT. #2	THIN BRICK VENEER	INTERSTATE BRICK CO.	THIN BRICK	COLOR: "PLATINUM", FINISH: MATTE	4x12 UTILITY WITH CORNER RETURNS	REPLACES SV-02 IF DEDUCT #2 IS ACCEPTED
CW-1	CURTAIN WALL GLAZING	KAWNEER	CURTAIN WALL1600 SYSTEMS 1 AND 2	70% PVDF, COLOR: MEDIUM BRONZE	FRAME DEPTH AS REQUIRED	
GL-1	EXTERIOR GLAZING	VITRO ARCHITECTURAL GLASS	SOLORBAN 60 (2) OPTIGRAY + CLEAR		1" THICK IGU	
GL-2	EXTERIOR FORCED ENTRY RESISTANT GLAZING	VITRO ARCHITECTURAL GLASS	SOLORBAN 60 (2) OPTIGRAY + CLEAR		1" THICK IGU W/ LAMINATED LITE	4.56 mm SECURITY "SENTRY GLAS" INTERLAYER
KW-1 - BASE BID	INSULATING TRANSLUCENT DAYLIGHTING SYSTEM	KALWALL	4" FACADE PANEL SYSTEM	CRYSTAL	20" x 8" REVERSE SHOJI	OMIT AND SUB MP-1 IF DEDUCT #1 IS ACCEPTED
MP-1 - BASE BID	CONCEALED FASTENER CORRUGATED MTL WALL PANELS	PAC-CLAD	BOX RIB WALL PANEL SERIES, PROFILES 3 & 4 EQ. MIX	TWO-COAT PVDF, COLOR: "BONE WHITE"	22 GA., 12" COVERAGE	
MP-2	FORMED STEEL WALL PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	MFR's TEXTURAL IV COATING	20" x 72" w STANDARD 20"x12" FORMED CORNERS	24 GA. STEEL
MP-3	FORMED STEEL SOFFIT PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	MFR's TEXTURAL IV COATING	20" x 72" PANELS	24 GA. STEEL, VENTED
MP-4	FORMED STEEL WALL PANELS	MAC METAL ARCHITECTURAL	POLYMAC SERIES	COLOR MATCH GLAZING		
MP-5 - DEDUCTIVE ALTERNATE #3	CONCEALED FASTENER CORRUGATED MTL WALL PANEL	McELROY METALS	"WAVE" CONCEALED FASTENER WALL PANEL	FLUOROPON, COLOR: "BONE WHITE"	22 GA., 16" COVERAGE	REPLACES MP-1 IF DEDUCT #3 IS ACCEPTED
SD-01	SECTIONAL STEEL DOOR	OVERHEAD DOOR CO.	THERMACORE 596	POWDER COAT, CUSTOM RAL COLOR		
SF-1	STOREFRONT GLAZING	KAWNEER	ENCORE	70% PVDF, COLOR: MEDIUM BRONZE	FRAME DEPTH AS REQUIRED	FRONT SET GLASS
SV-01 - BASE BID	EXTRUDED ALUM. SOLAR SHADING FIN	GORDON	EXTERIOR VERTICAL FINS	POWDER COAT, CUSTOM RAL COLOR	2" WIDE x 12" DEEP	
SV-02 - BASE BID	THIN STONE VENEER	U.S. STONE	"LITE PANELS" THIN STONE VENEER	TOP LEDGE COTTONWOOD, HONED PLAZA GREY, HONED	4 x 6 x 24	
SV-02 - DEDUCTIVE ALTERNATE #3	THIN STONE VENEER	U.S. STONE	"LITE PANELS" THIN STONE VENEER	PLAZA GREY, HONED		
WIDE STILE ALUMINUM ENTRANCE		KAWNEER	HEAVY WALL 500 ENTRANCE	70% PVDF, COLOR: MEDIUM BRONZE	SEE DOOR SCHEDULE	

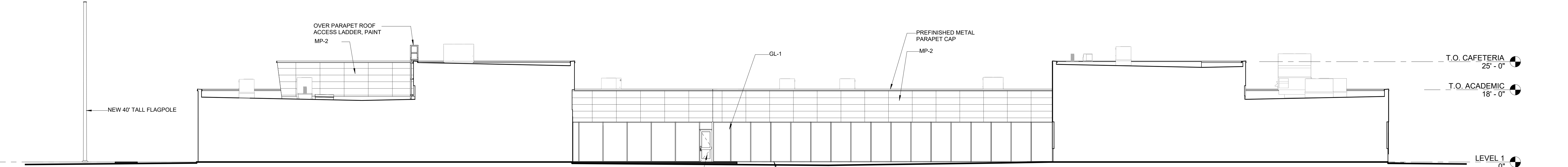


5 PARTIAL ELEVATION - GYM ENTRY LOOKING EAST
1/8" = 1'-0"

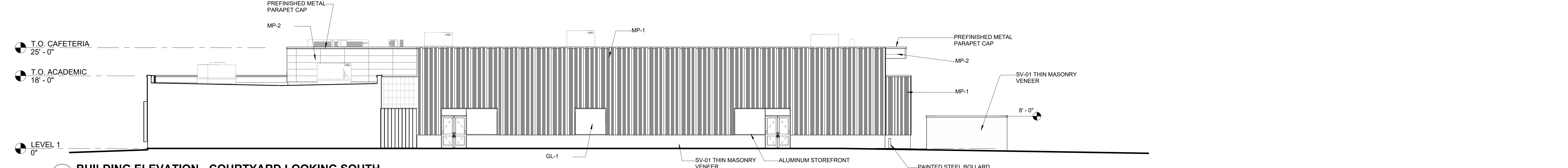
4 PARTIAL ELEVATION - GYM ENTRY LOOKING WEST
1/8" = 1'-0"



3 BUILDING ELEVATION - COURTYARD LOOKING NORTH
3/32" = 1'-0"

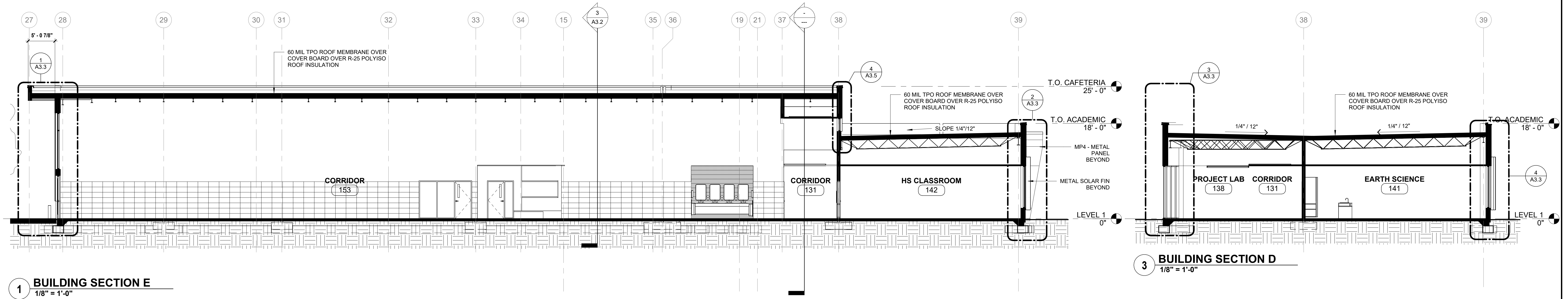


2 BUILDING ELEVATION - COURTYARD LOOKING EAST
3/32" = 1'-0"



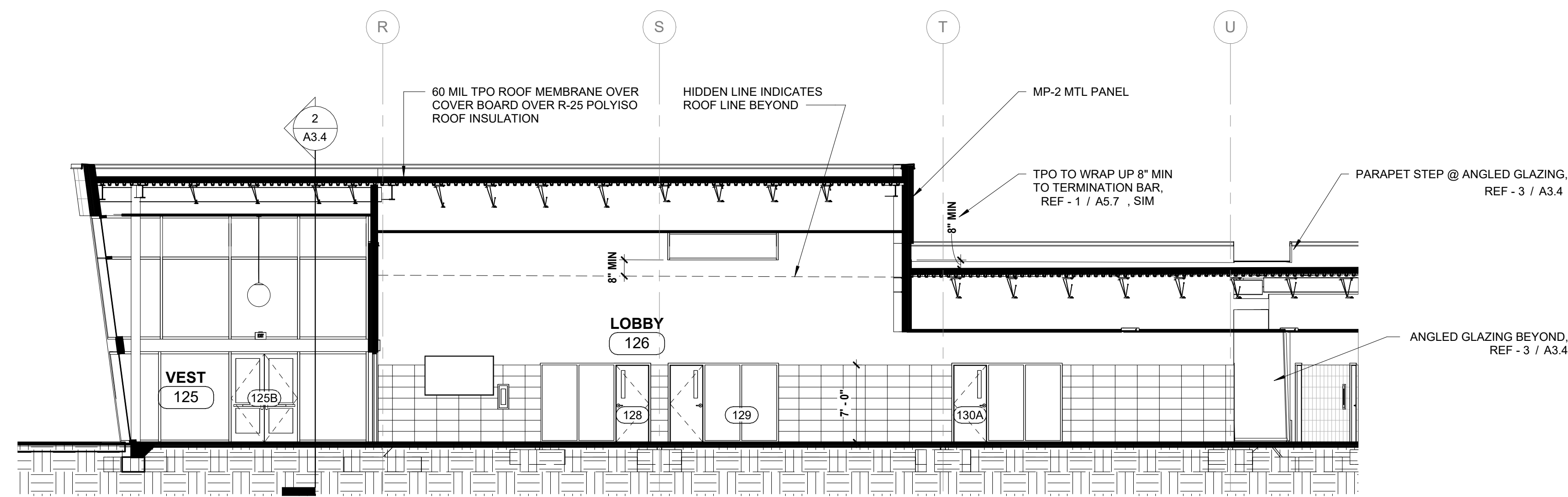
1 BUILDING ELEVATION - COURTYARD LOOKING SOUTH
3/32" = 1'-0"

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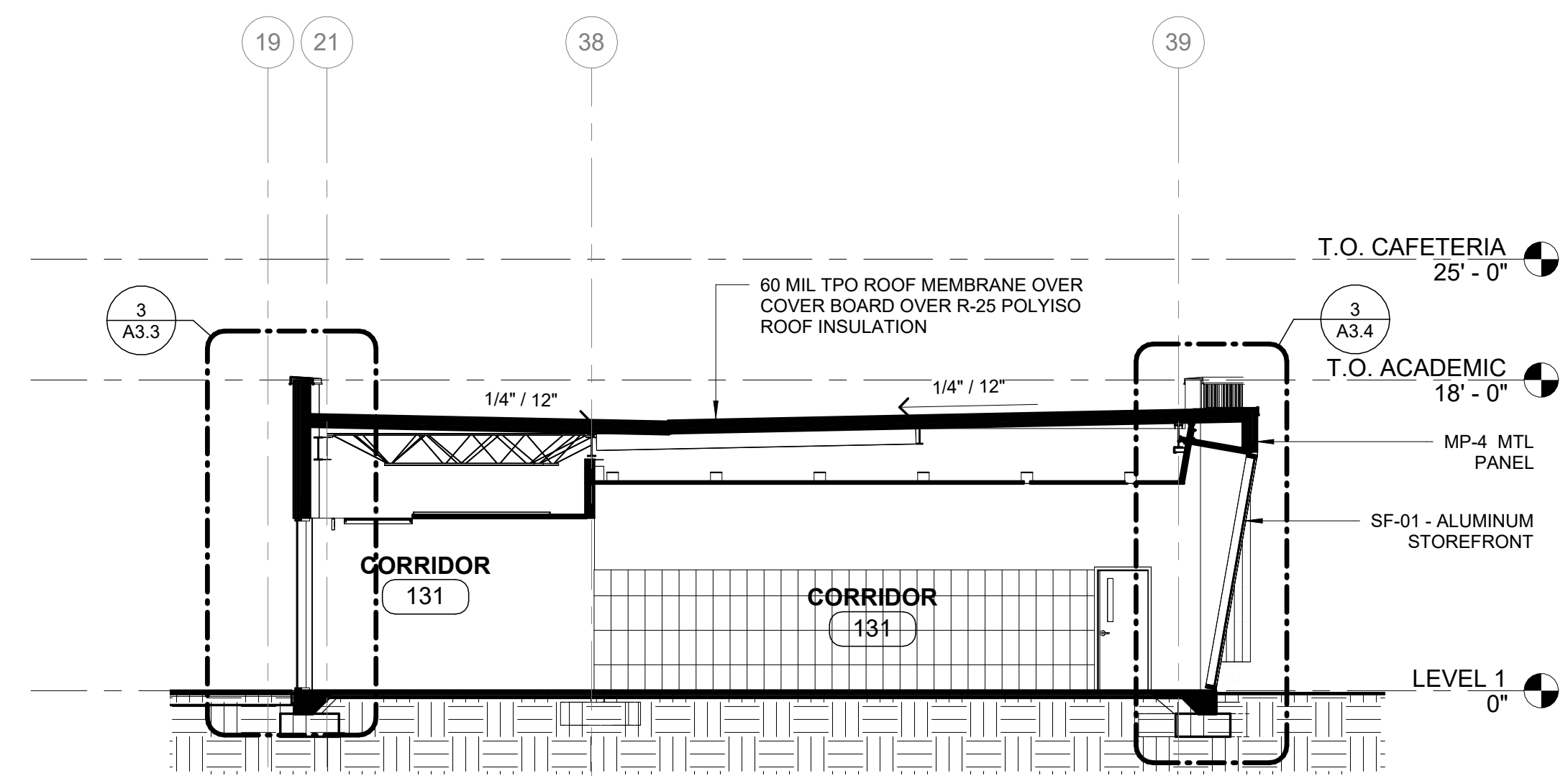


1 BUILDING SECTION E
1/8" = 1'-0"

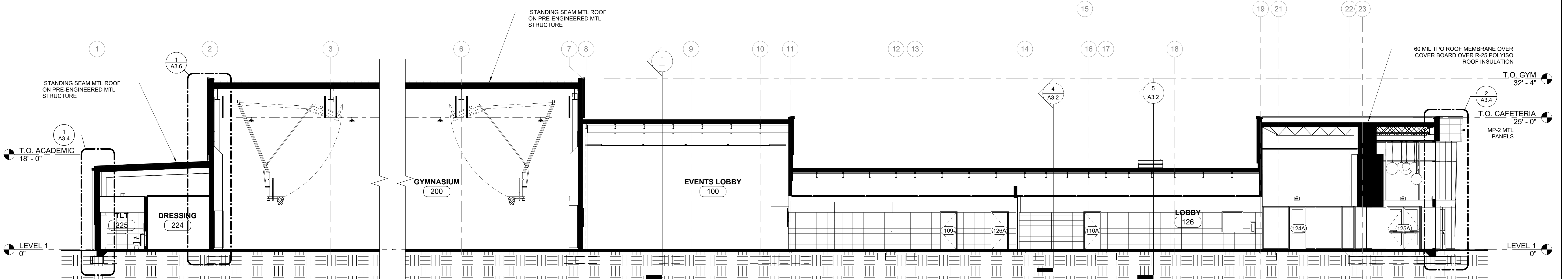
3 BUILDING SECTION D
1/8" = 1'-0"



2 BUILDING SECTION B1
1/8" = 1'-0"



4 BUILDING SECTION C
1/8" = 1'-0"



6 BUILDING SECTION - EAST WEST
1/8" = 1'-0"

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BRINKLEY HIGH SCHOOL

200 TIGER DRIVE, BRINKLEY, AR 72021

PROJECT TITLE

CONTENTS

BUILDING SECTIONS

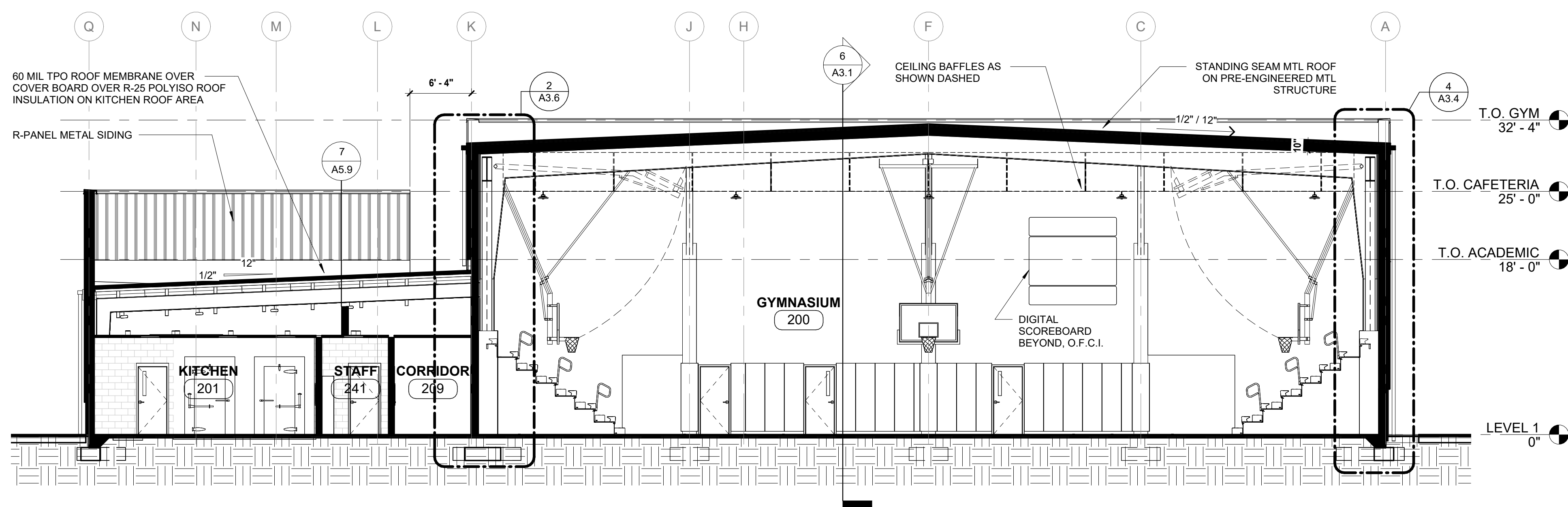
REVISIONS

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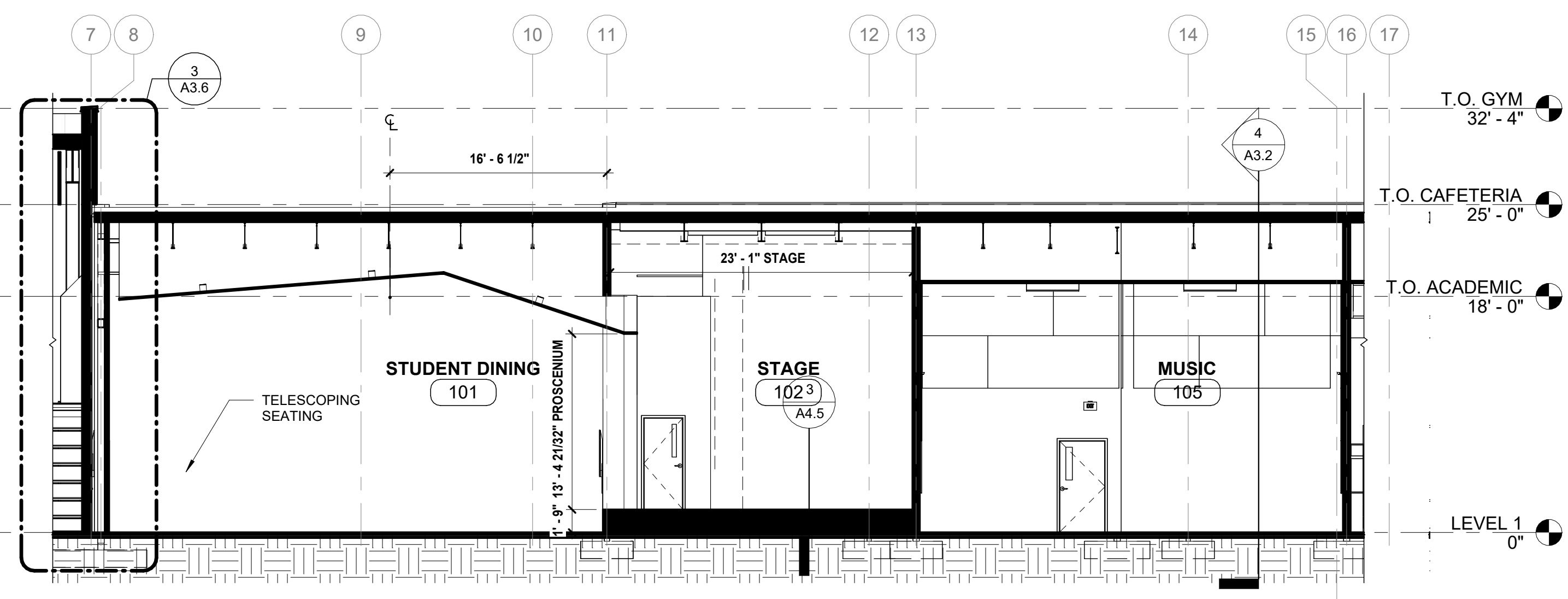
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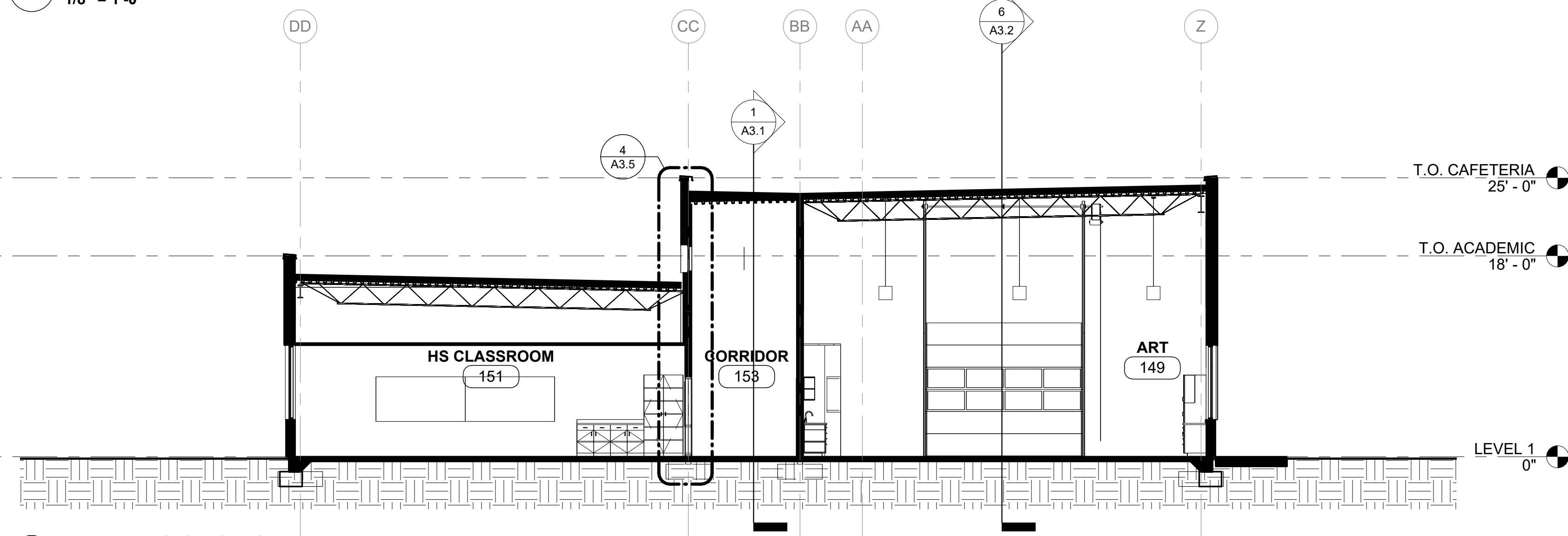
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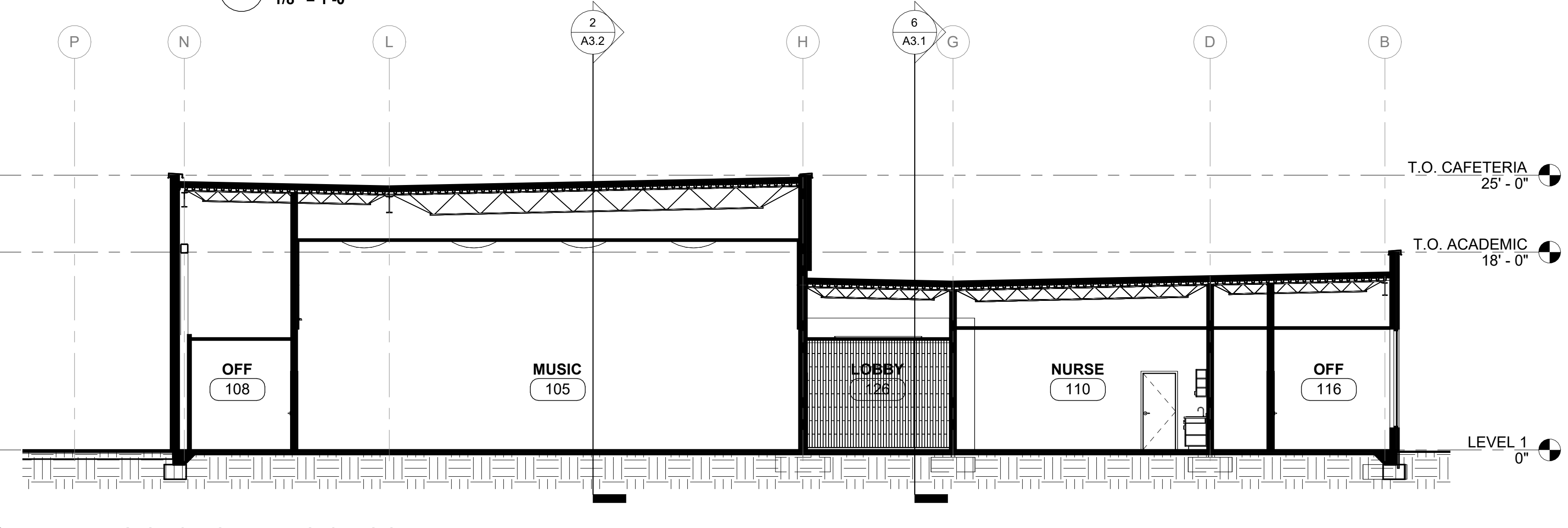
1 BUILDING SECTION - GYMNASIUM
1/8" = 1'-0"



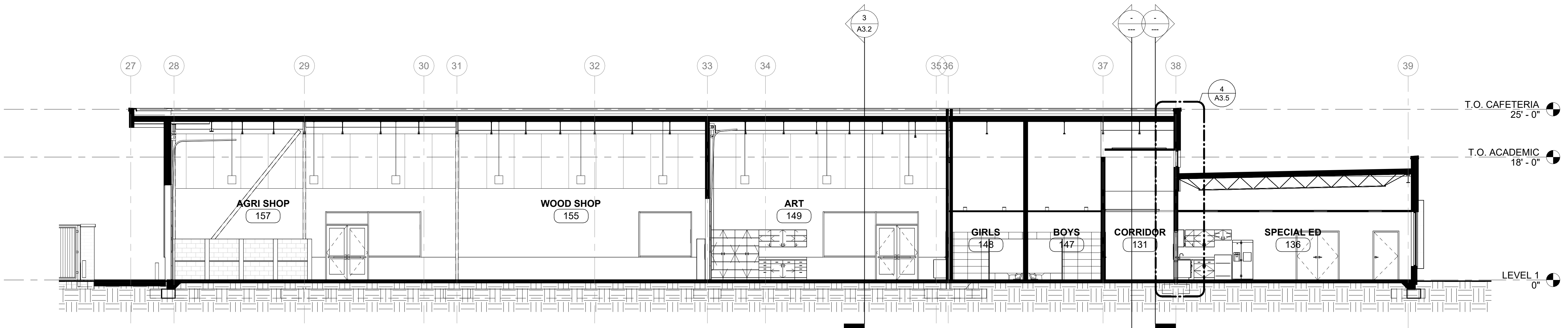
2 BUILDING SECTION - STAGE
1/8" = 1'-0"



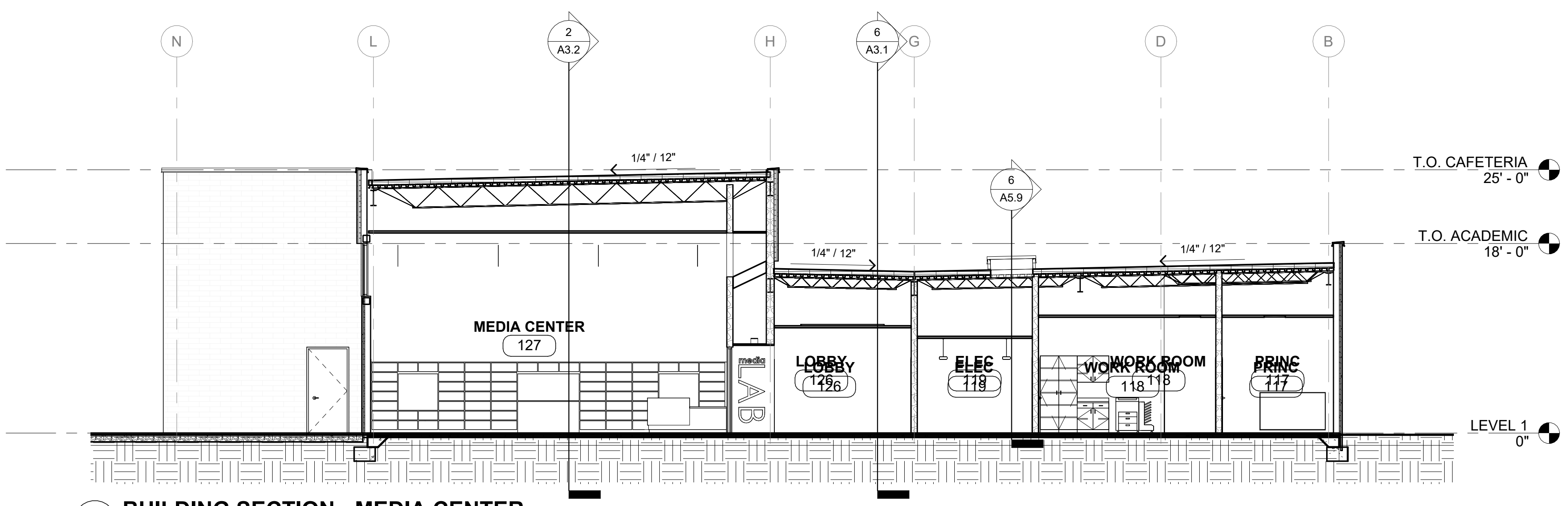
3 BUILDING SECTION - ART
1/8" = 1'-0"



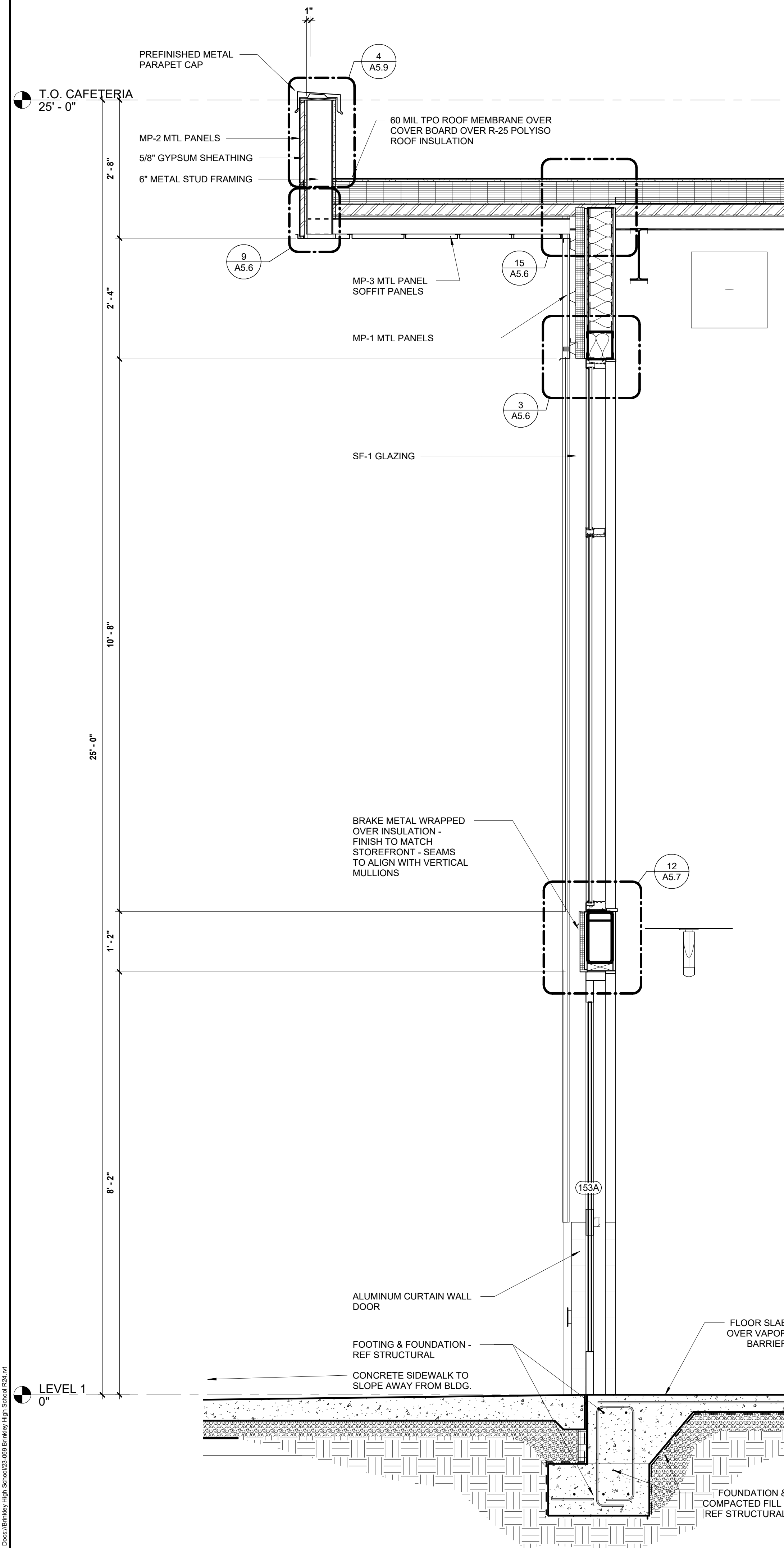
4 BUILDING SECTION - MUSIC ROOM
1/8" = 1'-0"



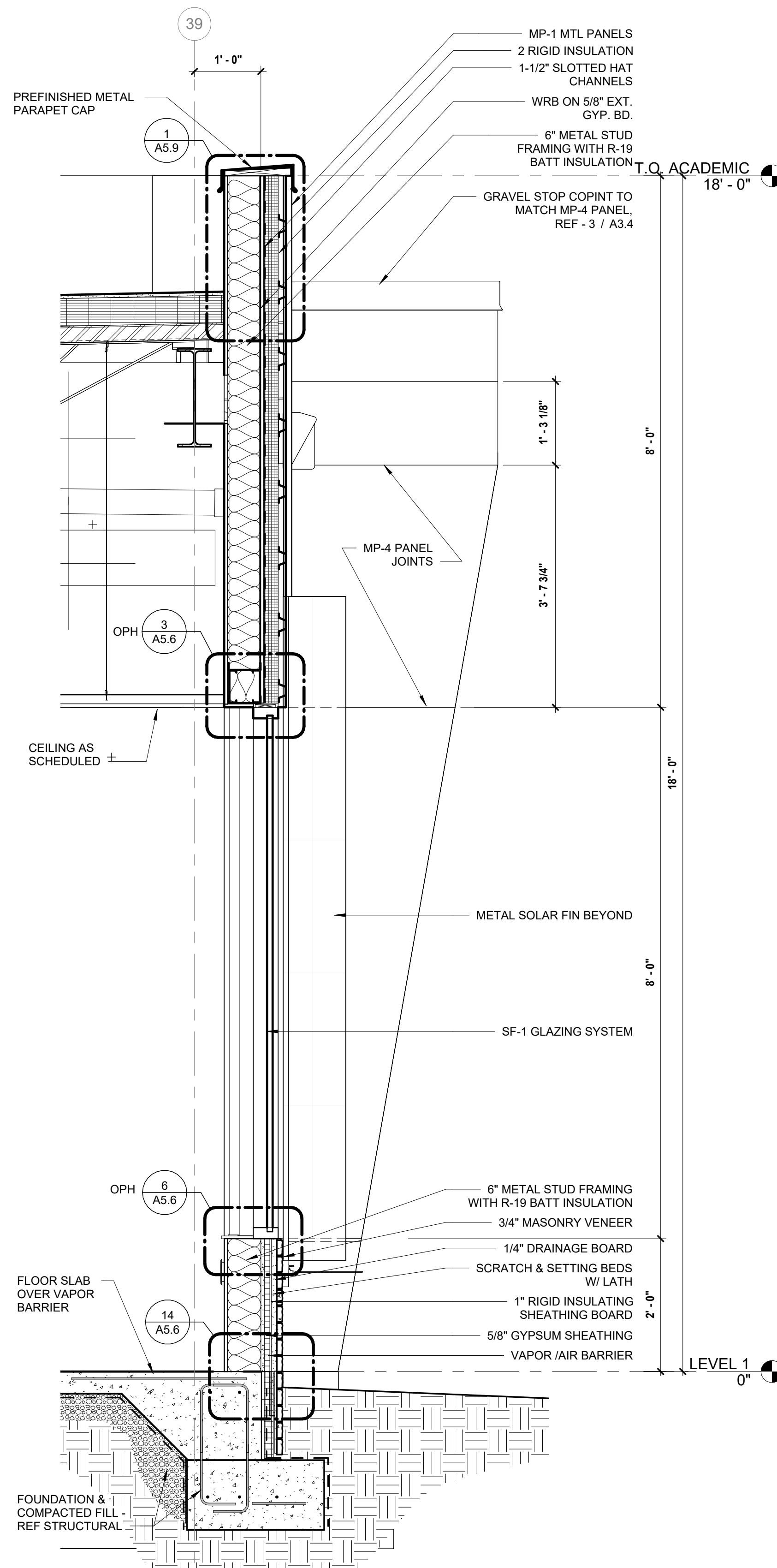
6 BUILDING SECTION - LAB SPACES
1/8" = 1'-0"



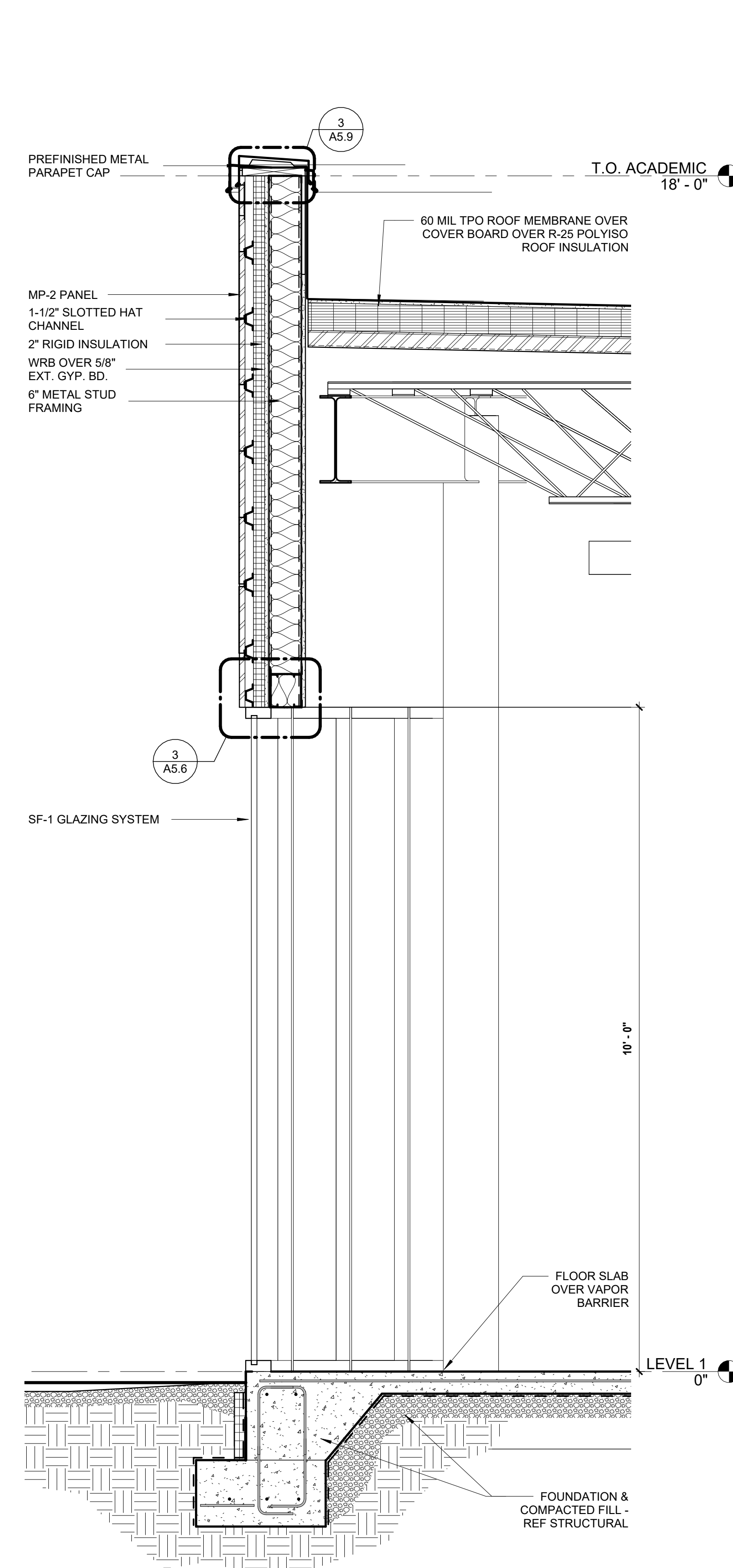
5 BUILDING SECTION - MEDIA CENTER
1/8" = 1'-0"



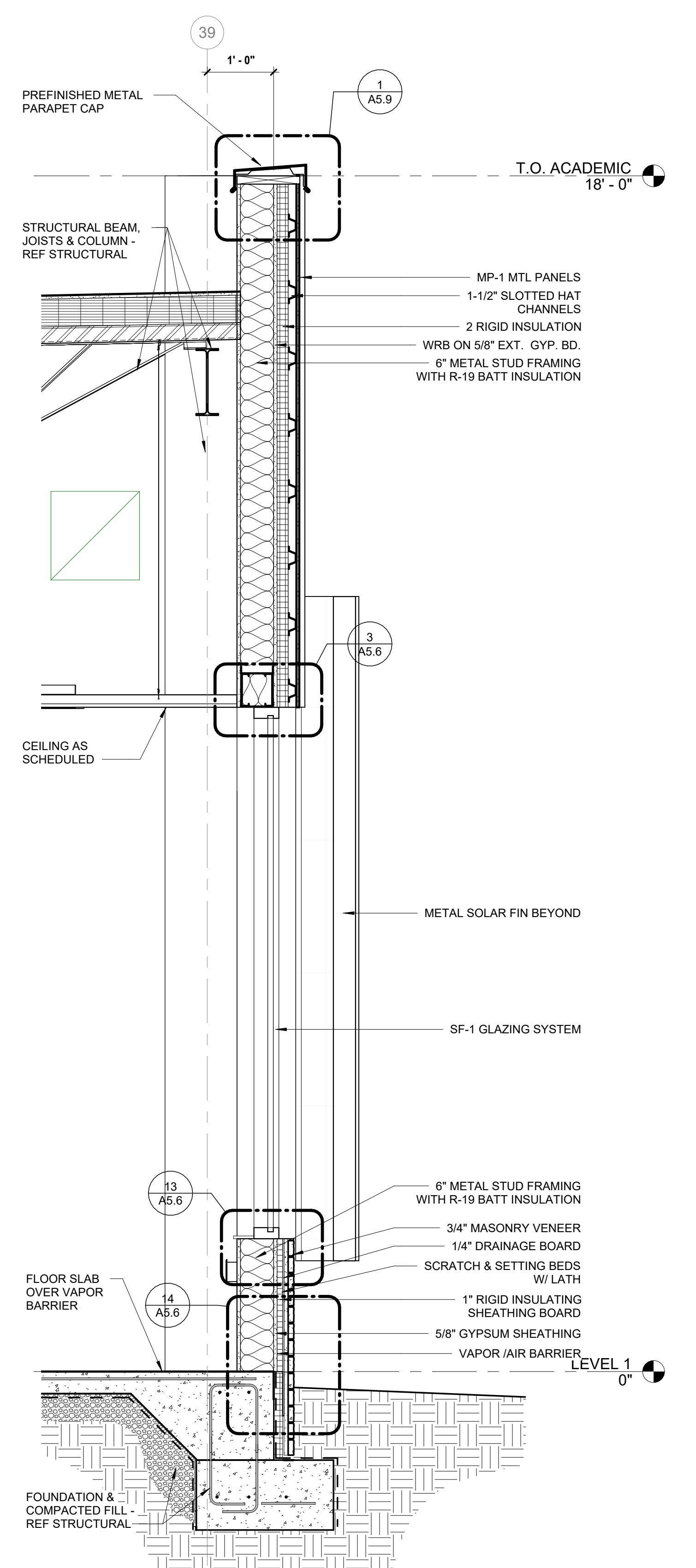
1 BUILDING SECTION E - Callout 2
3/4" = 1'-0"



2 BUILDING SECTION E - Callout 1
3/4" = 1'-0"



3 BUILDING SECTION D - Callout 1
3/4" = 1'-0"



4 BUILDING SECTION D - Callout 2
3/4" = 1'-0"

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200 TIGER DRIVE, BRINKLEY, AR 72021

EXTERIOR WALL SECTIONS

CONTENTS

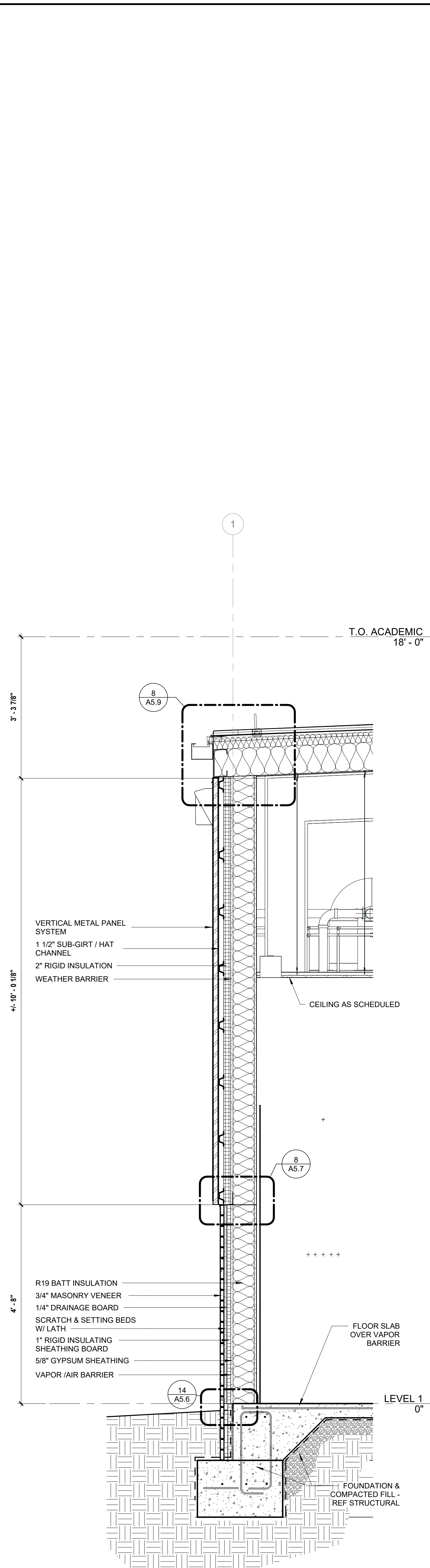
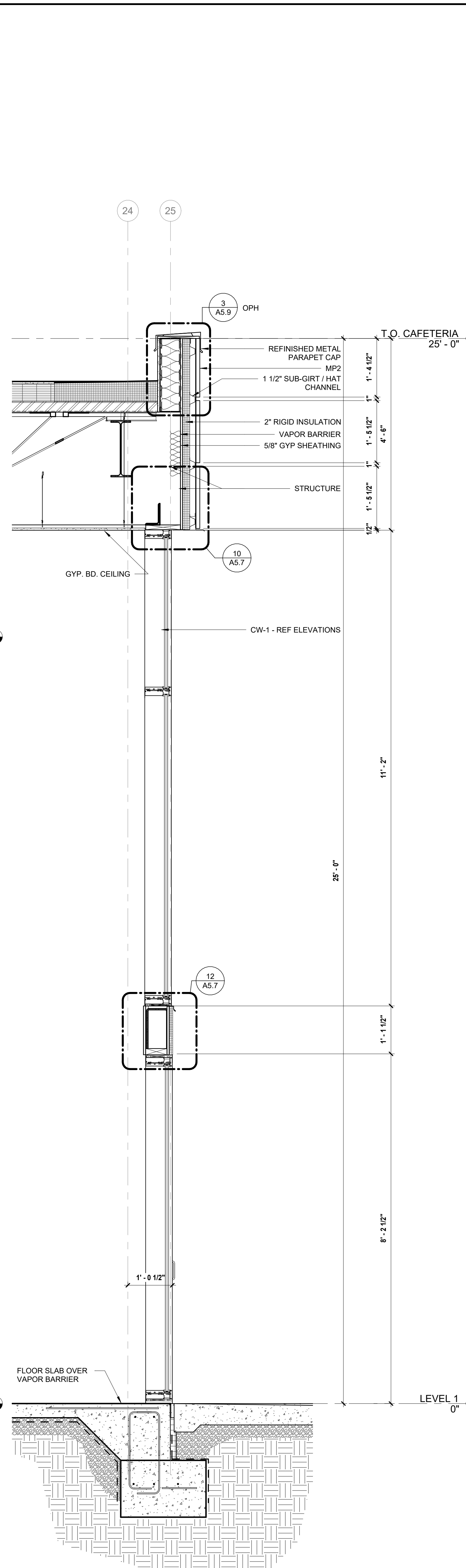
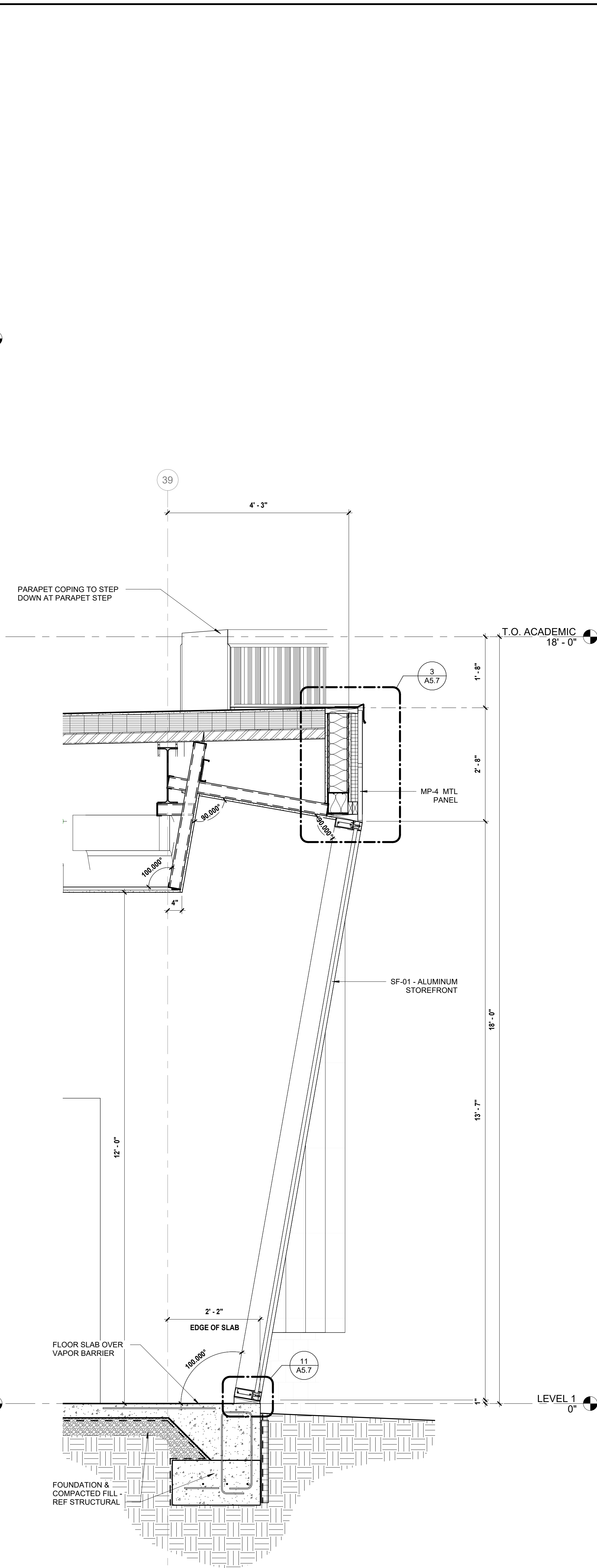
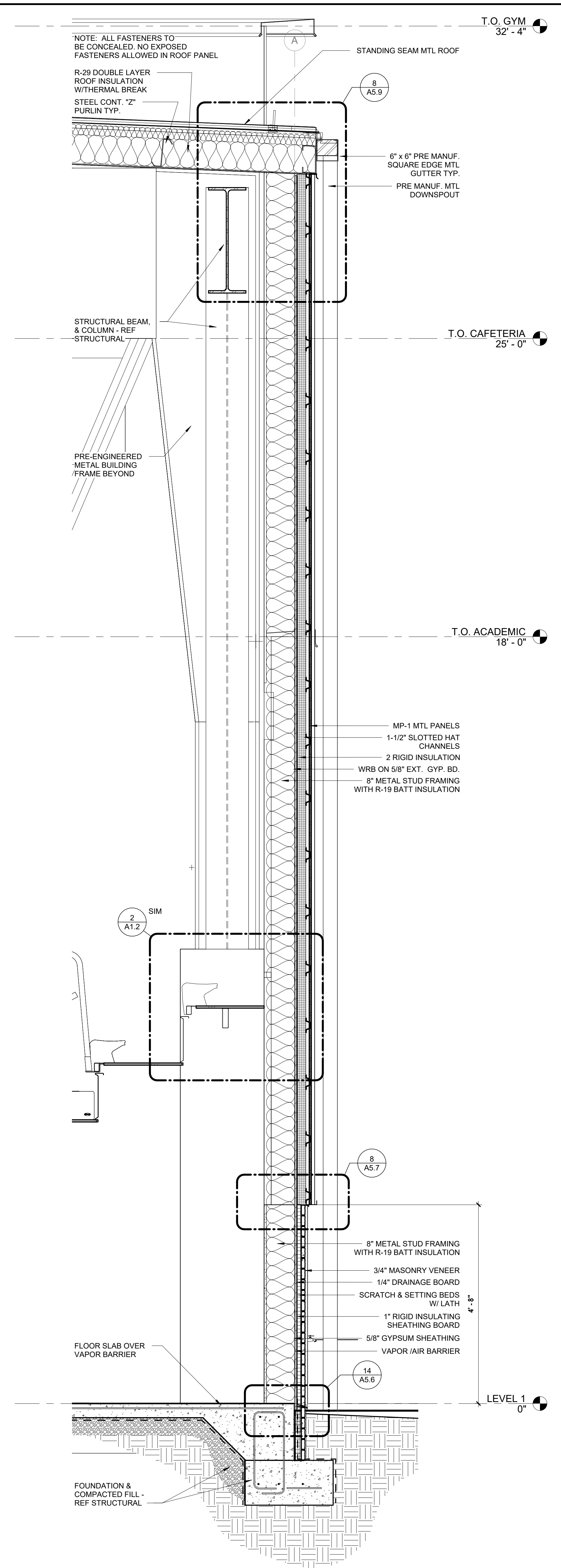
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BRINKLEY HIGH SCHOOL
200 TIGER DRIVE, BRINKLEY, AR 72021

PROJECT TITLE

EXTERIOR WALL SECTIONS

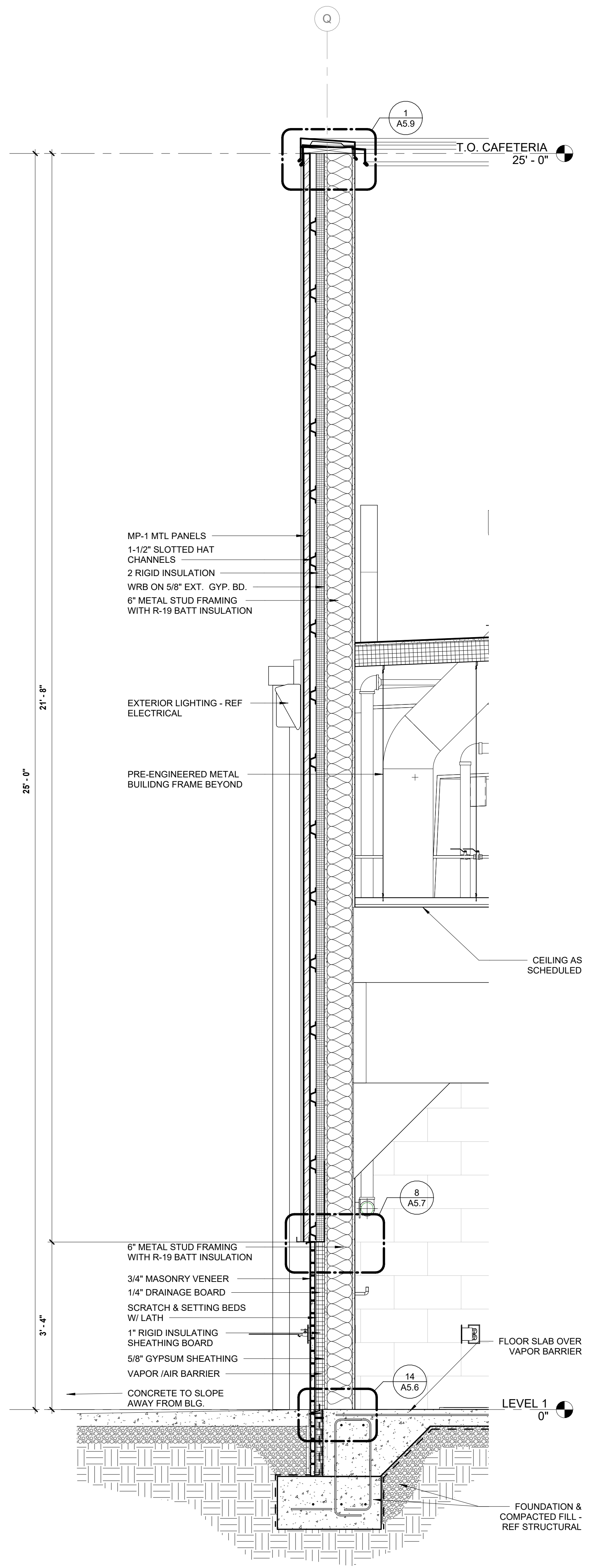
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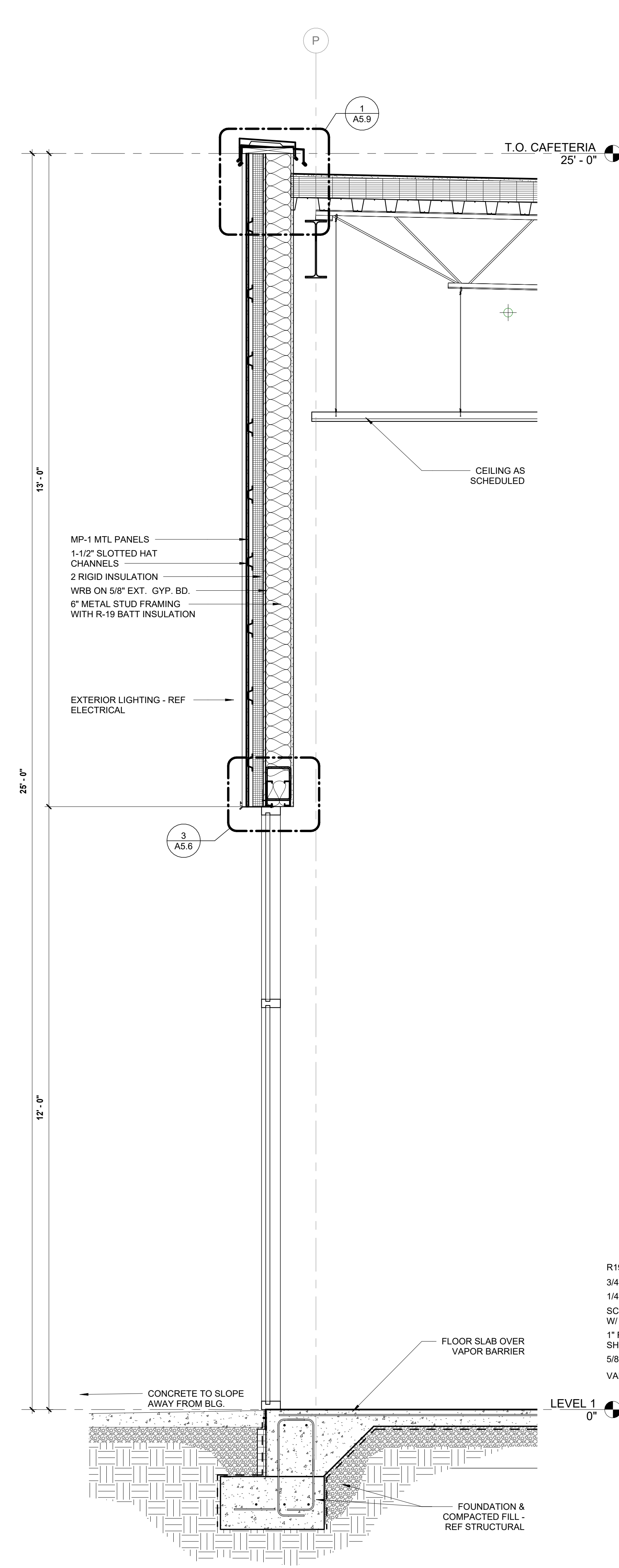
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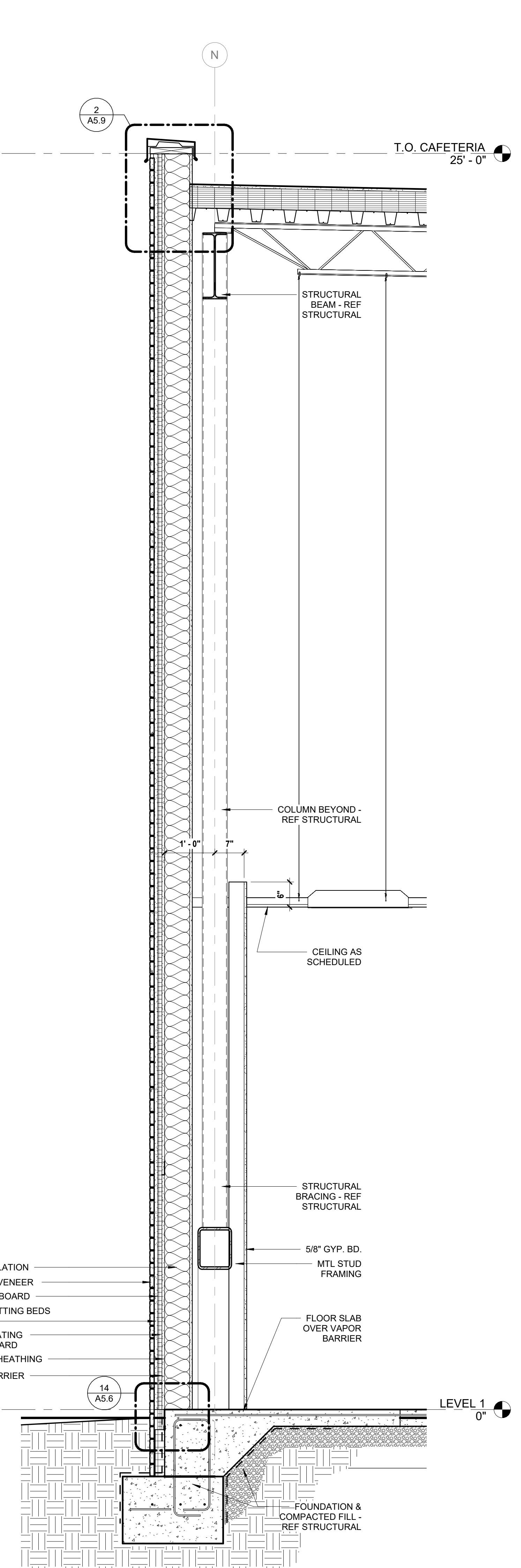
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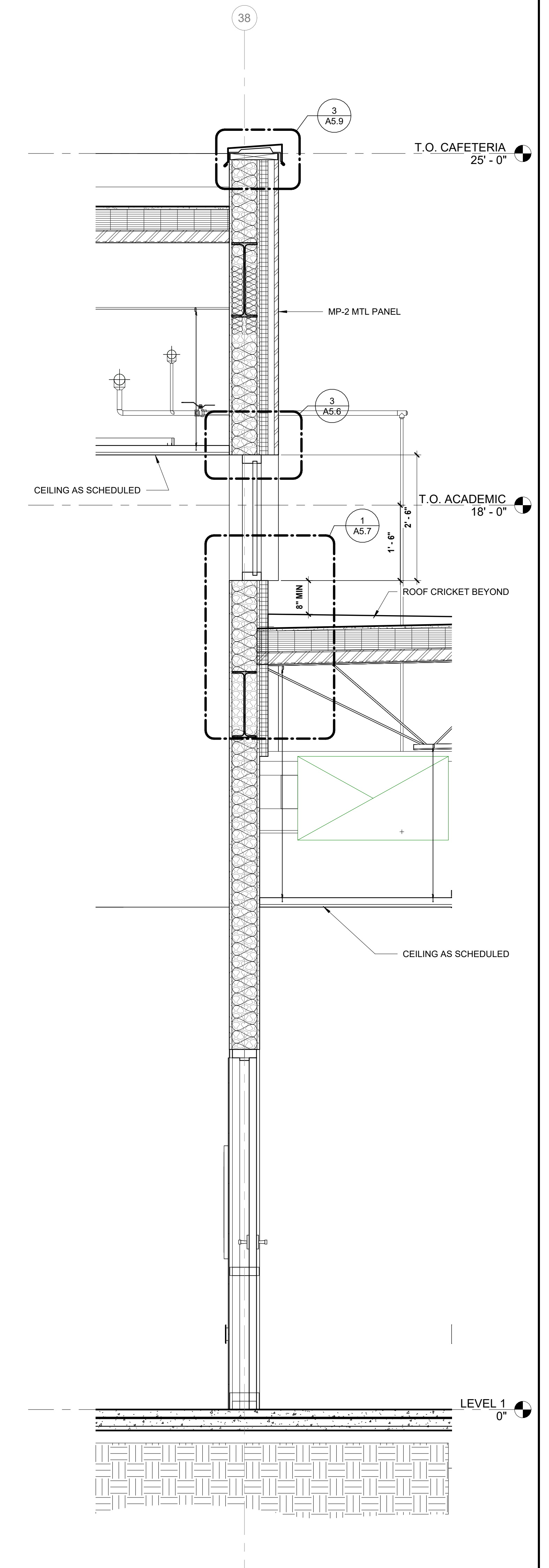
1 WALL SECTION @ KITCHEN
3/4" = 1'-0"



2 WALL SECTION @ STUDENT DINING
3/4" = 1'-0"



3 WALL SECTION @ MUSIC STORAGE
3/4" = 1'-0"



4 WALL SECTION @ HIGH TO LOW ROOF
3/4" = 1'-0"

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NO.	DATE	DESCRIPTION

23-069

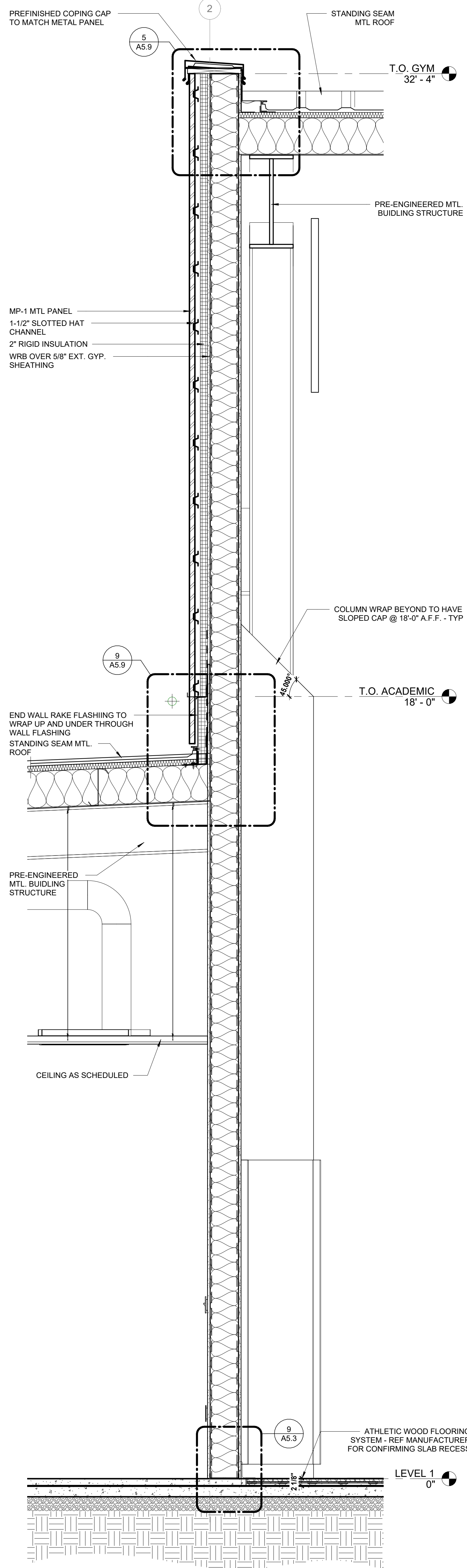
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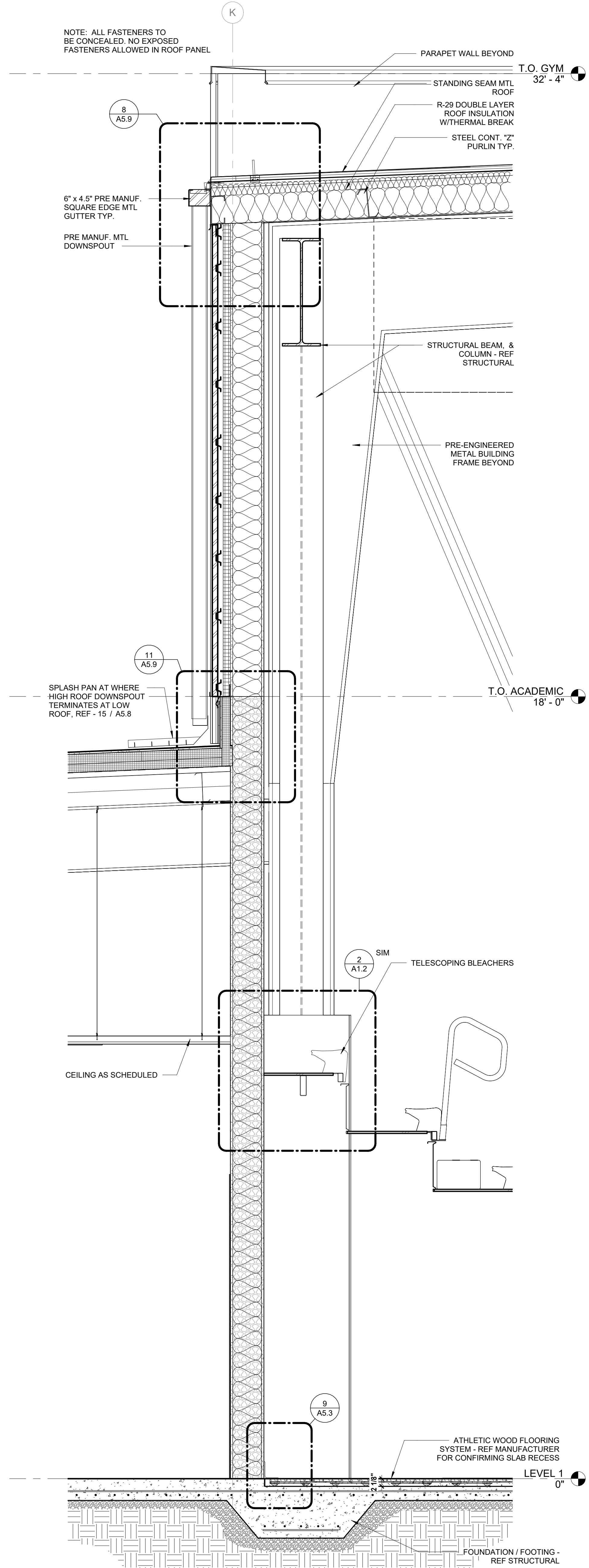
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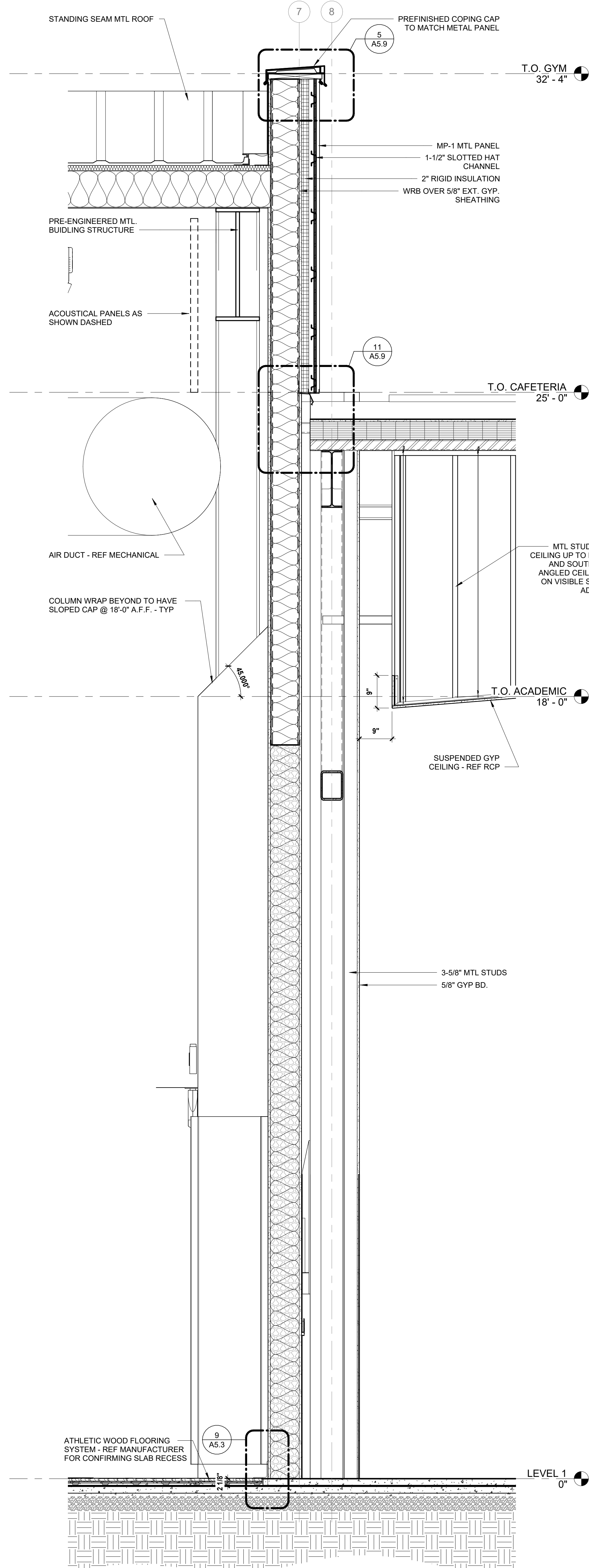
A3.6



1 HIGH TO LOW PEMB
3/4" = 1'-0"



2 HIGH TO LOW PEMB
3/4" = 1'-0"



3 PEMB END WALL TO TPO ROOF
3/4" = 1'-0"

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