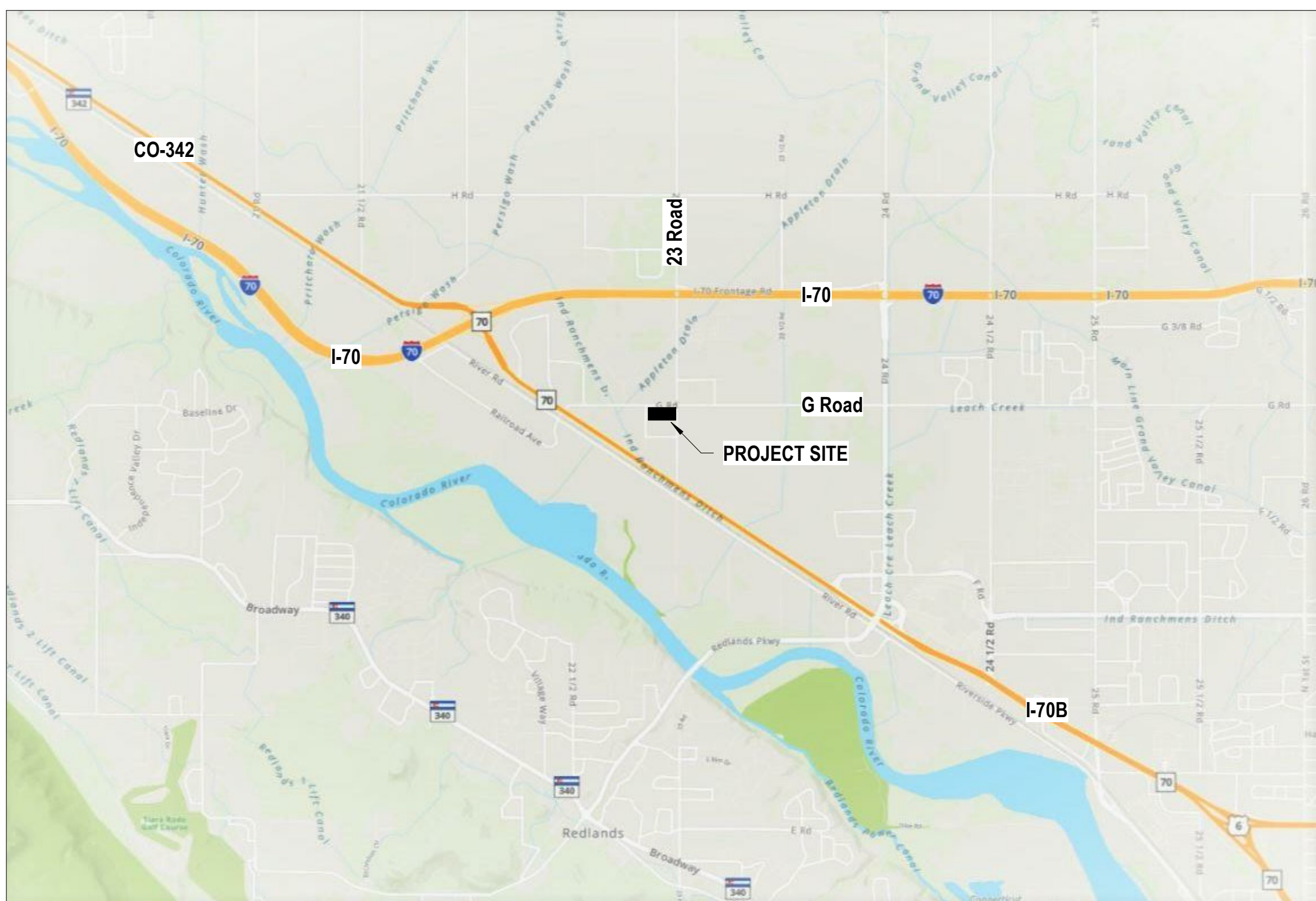


WESTERN SLOPE FOOD BANK OF THE ROCKIES

GRAND JUNCTION, COLORADO

BID PACKAGE #3, FOUNDATIONS

VICINITY MAP



ARCHITECTURAL ABBREVIATIONS

ABV above	EFS exterior finish	INCL include (d) (ing)	OPG opening	SHT sheet
ACC accessories	EJ expansion joint	INSUL insulate (d) (ing)	OPH opposite hand	SHTG sheathing
AFF above finished floor	EL elevation	INT interior	OPP opposite	SIM similar
ALT alternate	ELEC electric (el)	INV invert	OSB oriented strand board	SND sanitary napkin disposal
AL aluminum	EM emergency	JST joist	OTS open to structure	SNV sanitary napkin vendor
APC acoustical panel ceiling	EWC electric water cooler	JB pre-engineered metal building	PERF perforate (d)	SPEC specification
ARCH architect (ural)	EWG end wall corner guard	LAM laminate (d)	PERM perimeter	SPKR speaker
ASPH asphalt	EQ equal	LAV lavatory	PLM plastic laminate	SO square
AC air conditioning	EXG existing	LB pound	PLT plate	SS solid surface
BSC baby changing station	EXH exhaust	LF lined foot	PNL panel	SST stainless steel
BD board	EXP exposed	LG laminated glass, glazing	PNT paint (ed)	STD standard
BLDG building	FBO furnished by owner	LIN linoleum	PR pair	STL steel
BLKG blocking	FD floor drain	LT light	PRCJ projector, projection	STR storage
BO bottom of bearing	FE fire extinguisher	MA match	PSF pounds per square foot	STR structural suspended
BRG bearing	FEP finished end panel	MAS masonry	PT pressure treated	T tread
CBU cementitious backer unit	FEE finished floor elevation	MATL material	PTD paper towel dispenser	TB towel bar
CG corner guard	FIN finish	MB marker board	PNV polyvinyl chloride	TD travel distance
CJ control joint	FLR floor (ing)	MCA mechanic (el)	PMT pavement	TEL telephone
CLG ceiling	FLUR fluorescent	MISC miscellaneous	PWD plywood	T.O. top of
CLR clear (ance)	FP face of framing	MLD molding, moulding	R riser, radius	TOC top of concrete
CMU concrete masonry unit	FRMS fiber reinforced plastic	MNT masonry opening	RB rubber base	TOOS top of steel
COL column	FT footing	MT mount (ed) (ing)	REC recycling	TOW top of wall
CONC concrete	FTG footing	N north	RECM recommend (ed) (ations)	TPD toilet paper dispenser
CONT continuous or continue	GAL gage, gauge	NIA not applicable	REF reference	TS tube steel
CORR corridor	GALV galvanized	NC not in contract	REIN reinforce (d) (ing)	T&G tongue and groove
CPET common path of egress travel	GB grab bar	NIC not in contract	REQ required	VB vapor barrier
CPT carpet (ed)	GC general contractor	NOM normal	REV revision (s), revised	VCT vinyl composition tile
CSMT casement	GWB gypsum wallboard	NTS not to scale	RFD roof drain	VERT vertical
CT ceramic tile	GYP gypsum	NECY necessary	RFG roofing	VF verify in field
CTR center	HAS headed anchor stud	OC on center (s)	RH robe hook	VIM vending machine
CWGW center wall on grid	HB hose bibb	OD outside diameter	RO room	VNL vinyl sheet
DBL double	HCP handicap (ed)	OCQ occupant lead	ROO rough opening	VTR vent through roof
DEMO demolish / demolition	HDR header	OL occupant load	ROW right of way	W west, west, width
DF drinking fountain	HDW hardware	OLF occupant load factor	RR restroom	WJ with
DIM dimension (s)	HIM hollow metal	OFD overflow drain	RTU roof top unit	WB wood base
DIR direction	HSS hollow structural sections	OFI owner furnished, owner installed	RUB rubber	WC watercloset
DISP dispenser	HT height	OH overhead	S south	WD wood
DN down	HVAC heating / ventilation / air conditioning	OK occupant lead	SAG susp acoustic grid	WOW window
DR door	HWD hardwood	OL occupant load factor	SCH shower curtain rod & hooks	WF wide flange
DS downspout			SC schedule	WG wire glass
DTL detail			SCH schedule	WIO without
DWG drawing			SCH schedule	WR waste receptacle
DWR drawer			SD soap dispenser	WRB weather resistive barrier
E east				WWM welded wire mesh
EA each				
EC evaporative cooler				
EG etched glass/glazing				

OWNER

FOOD BANK OF THE ROCKIES
 10700 East 45th Avenue
 Denver, CO 80239

DESIGN TEAM

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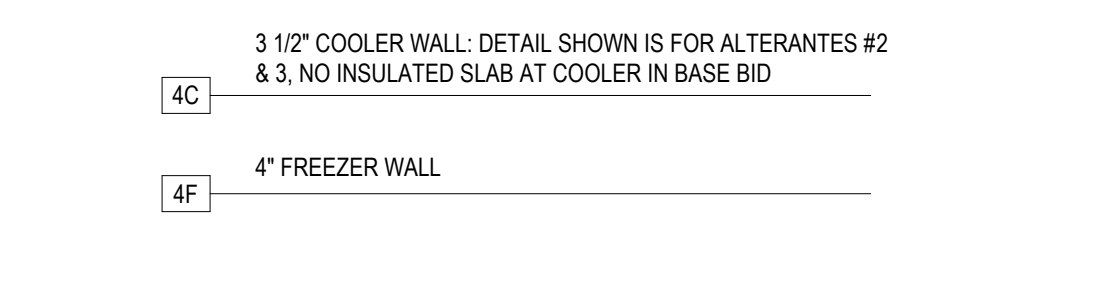
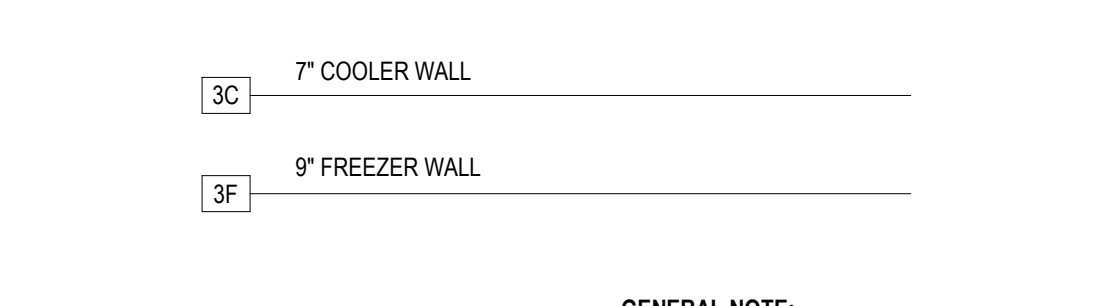
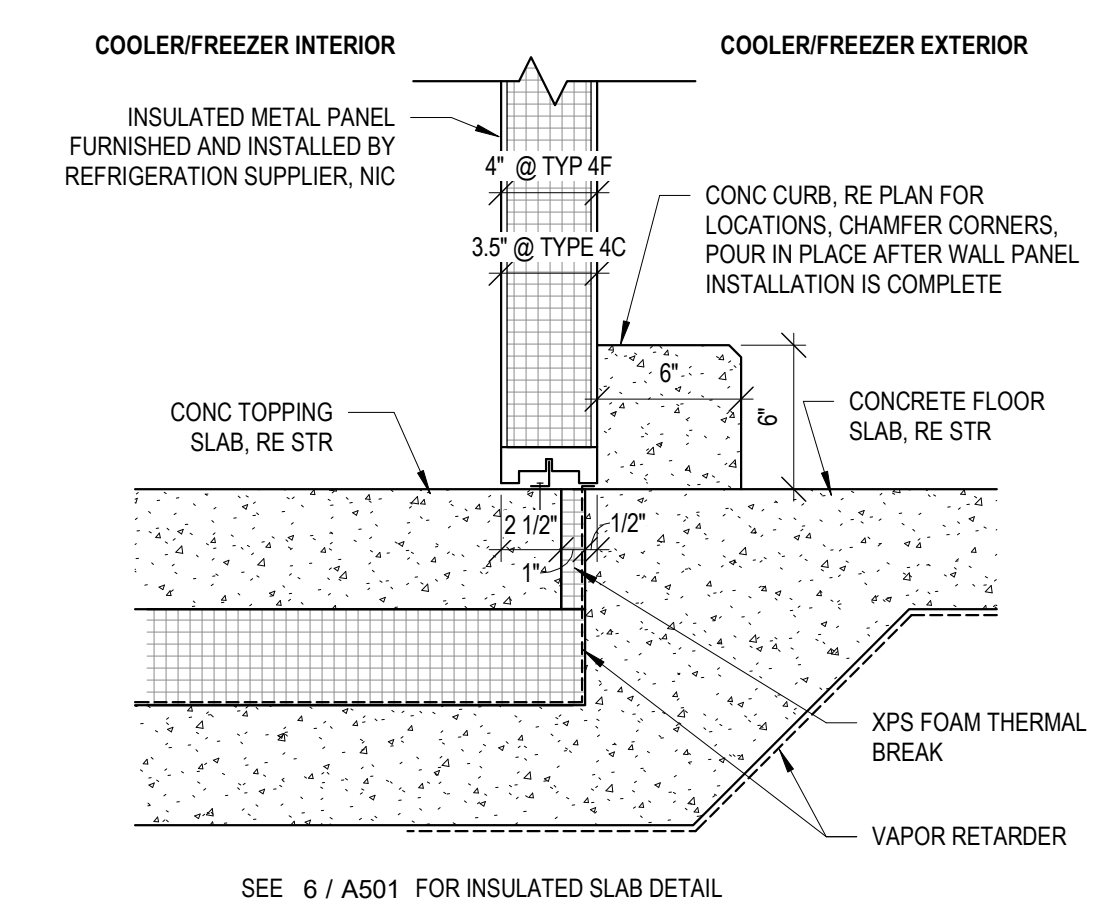
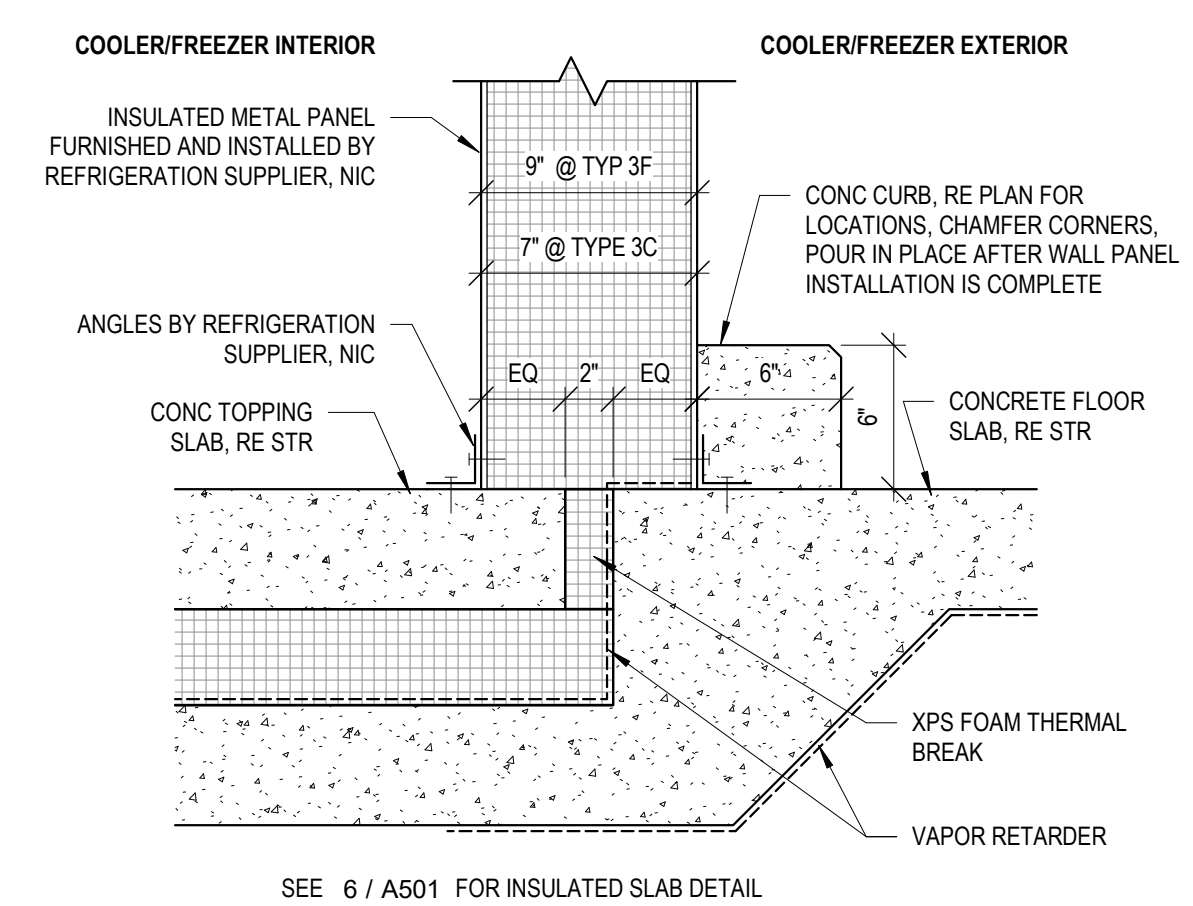
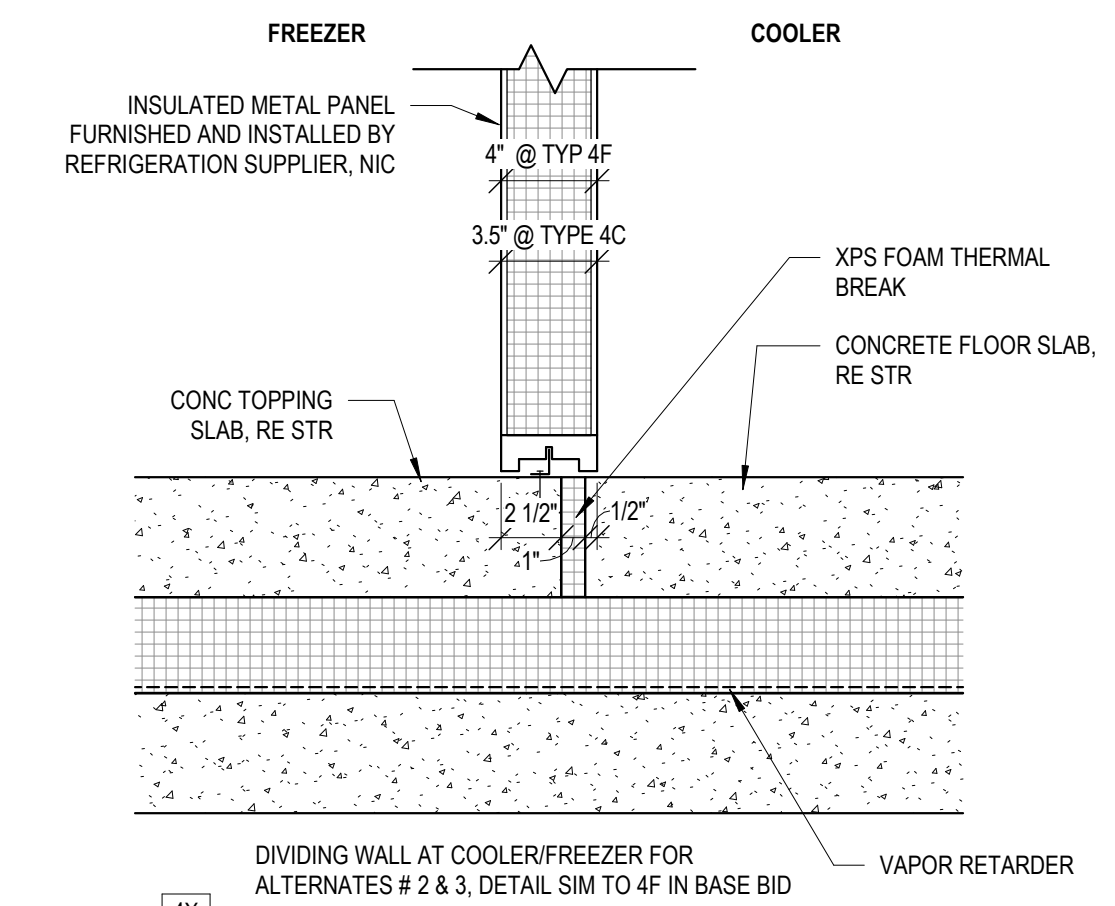
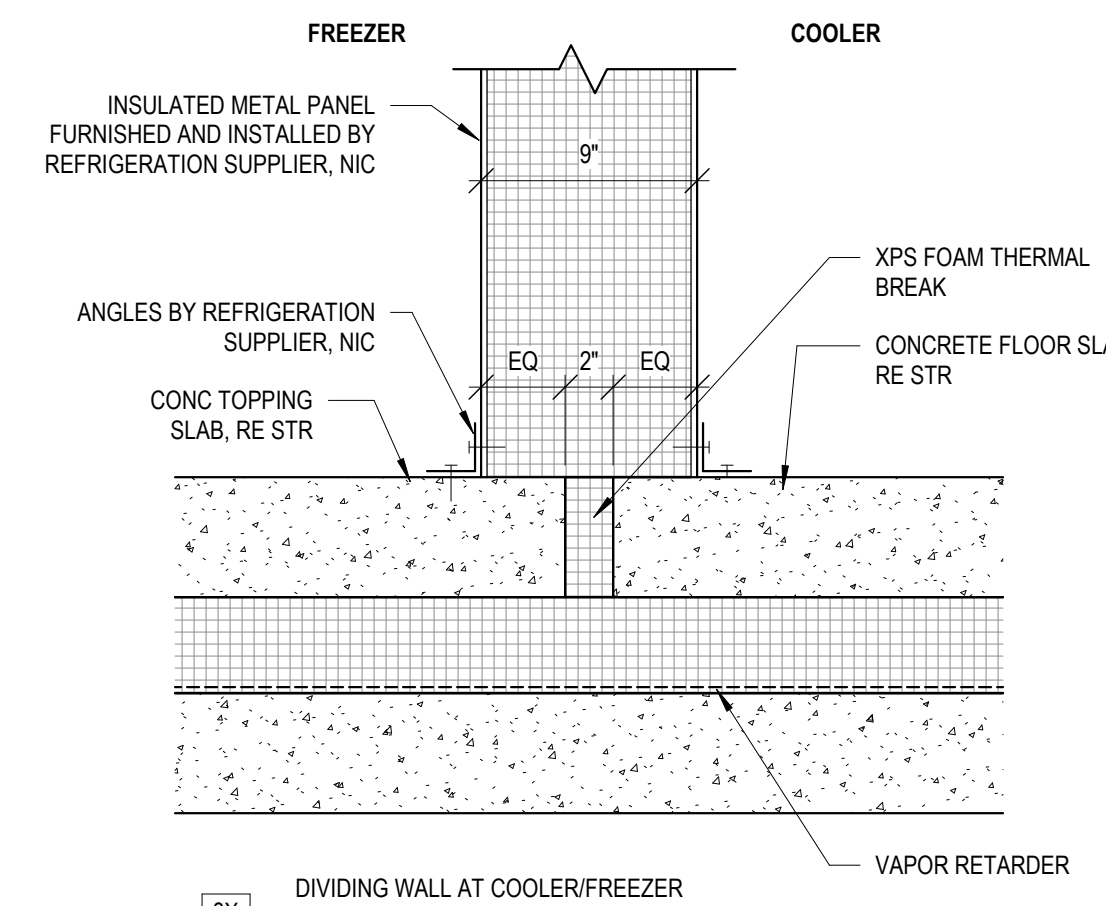
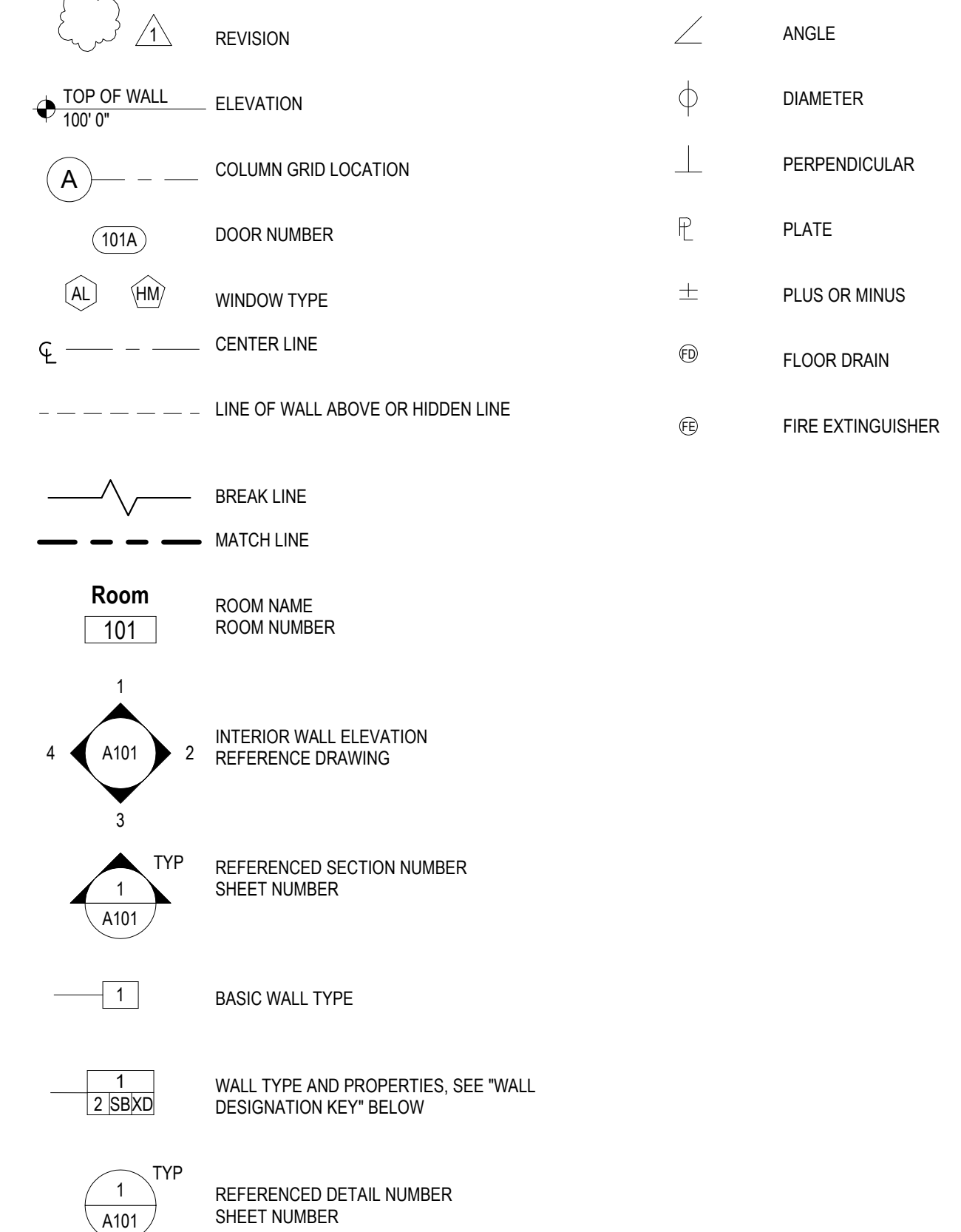
DRAWING LIST

GENERAL	
T001	COVER SHEET, GENERAL NOTES, WALL TYPES
ARCHITECTURAL	
A002	CODE CHECKLIST & LIFE SAFETY PLAN
A011	ARCHITECTURAL SITE PLAN
A021	MAIN FLOOR PLAN - WEST
A022	MAIN FLOOR PLAN - EAST
STRUCTURAL	
S001	GENERAL NOTES
S002	SCHEDULE OF SPECIAL INSPECTIONS
S101	OVERALL FOUNDATION PLAN
S102	FOUNDATION PLAN - WEST
S103	FOUNDATION PLAN - EAST
S200	TYPICAL FOUNDATION & FRAMING DETAILS
S301	FOUNDATION SECTIONS & DETAILS
PLUMBING	
P101	MAIN LEVEL UNDER GROUND PLUMBING PLAN - WEST
P201	PLUMBING DETAILS & LEGEND

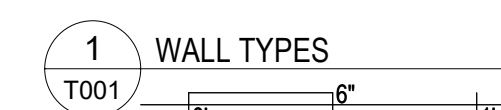
GENERAL NOTES

- COMPLY WITH ALL MANUFACTURERS RECOMMENDATIONS AND INDUSTRY STANDARDS RELEVANT TO THE WORK HEREIN. ALL DIMENSIONS ARE FROM FACE OF FINISH UNO.
- ALL ALIGNMENTS ARE FACE OF FINISH UNO. FIELD VERIFY ALL DIMENSIONS AND ROUGH OPENINGS PRIOR TO FABRICATION AND/OR INSTALLATION.
- DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT PRIOR TO CONTINUING CONSTRUCTION.
- ITEMS NOT NOTED ON THE DRAWINGS SHALL BE CONSIDERED THE SAME AS NOTED ITEMS WHICH ARE GRAPHICALLY REPRESENTED IN THE SAME MANNER.

SYMBOLS



GENERAL NOTE:
 WALL TYPES ARE SHOWN IN THIS BID PACKAGE ONLY TO CLARIFY FLOOR SLAB DETAILS, INCLUDING UNDERSLAB INSULATION AND VAPOR RETARDERS. WALL CONSTRUCTION SHALL BE INCLUDED IN FUTURE BID PACKAGE.



NOT FOR CONSTRUCTION, FOR BIDDING ONLY

FOOD BANK OF THE ROCKIES

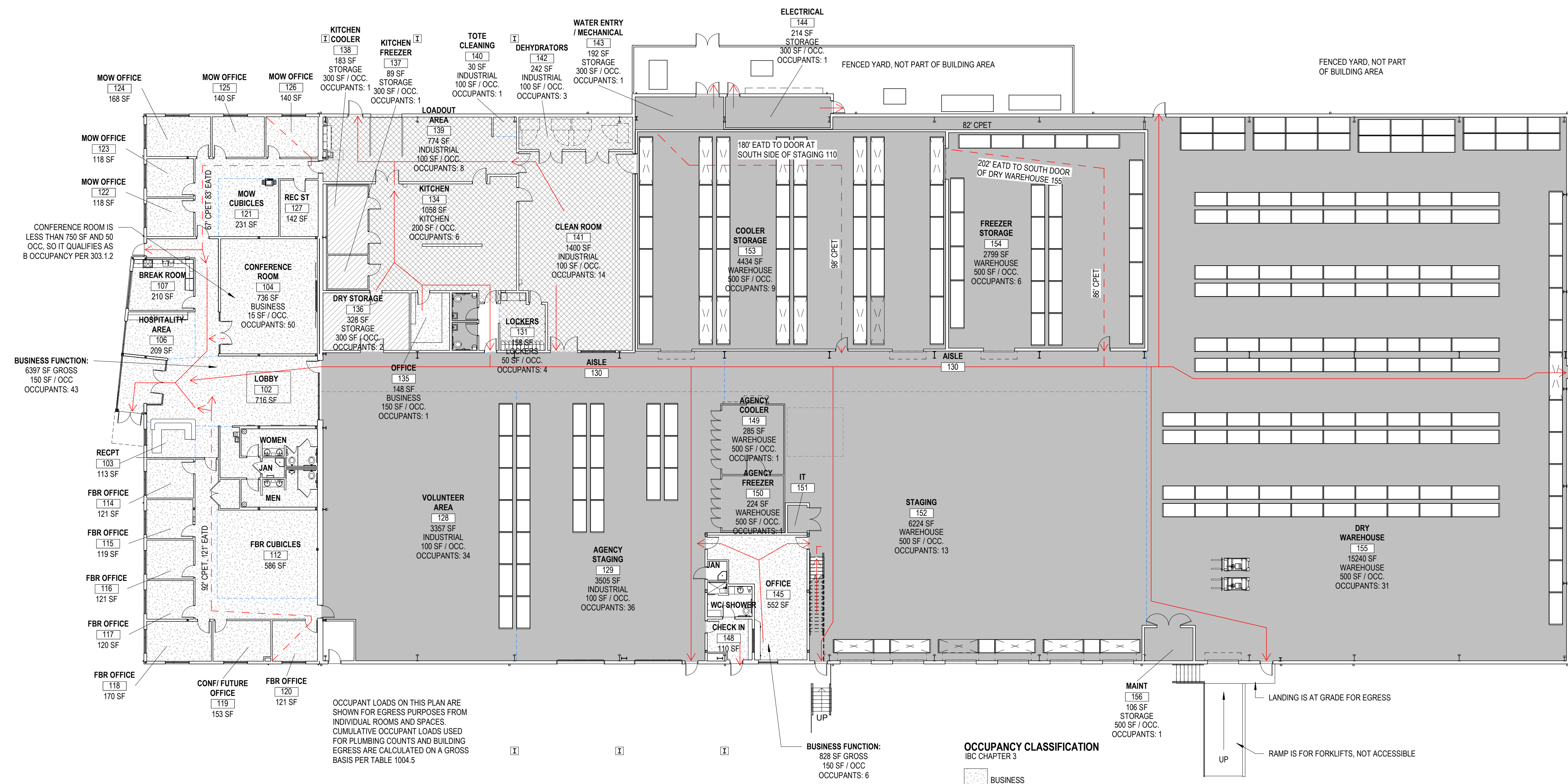
2294 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

COVER SHEET, GENERAL NOTES, WALL TYPES

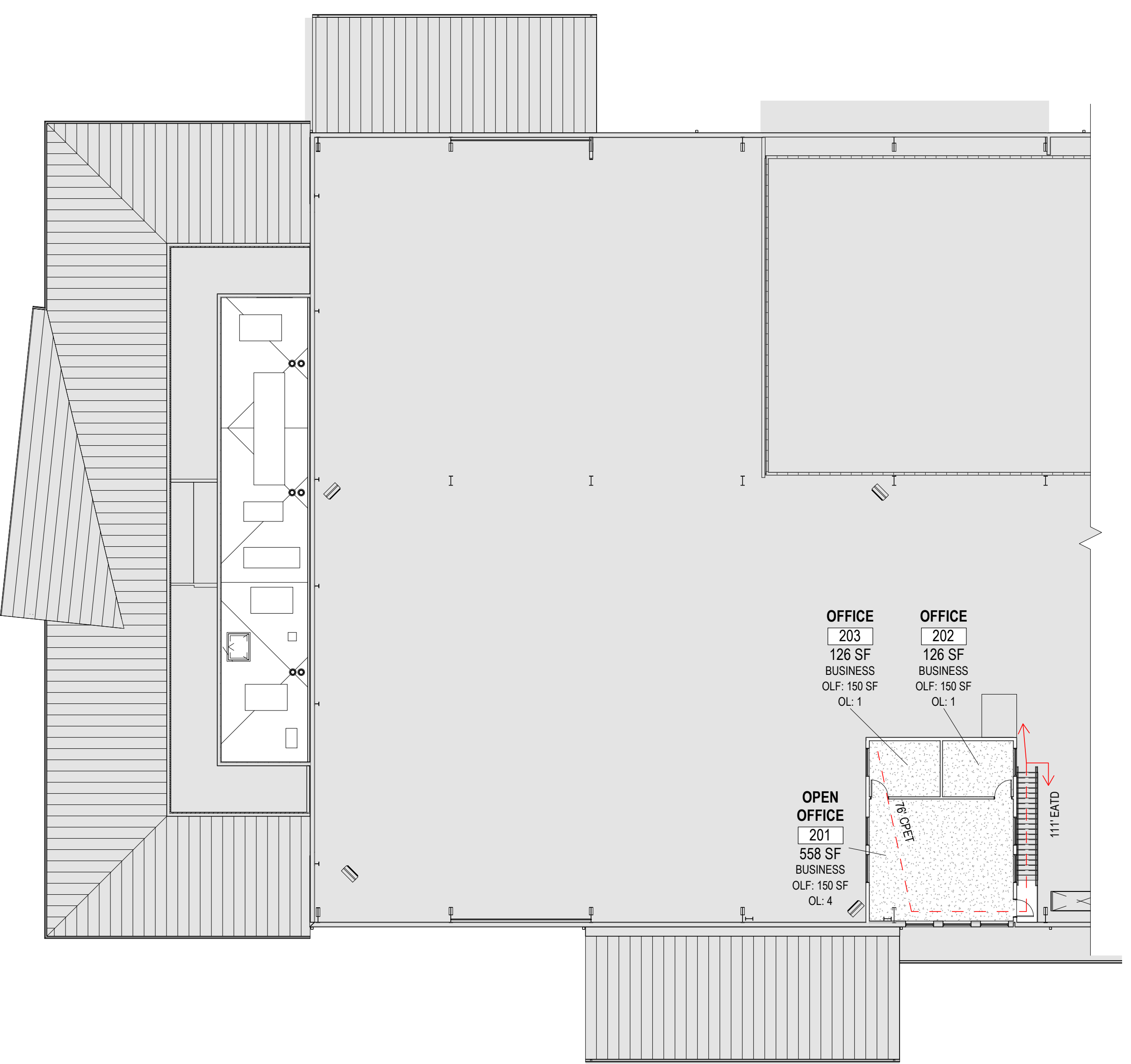
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BID PACKAGE #3, FOUNDATIONS

DATE:
06/15/21
 SHEET NO:
T001



1 MAIN FLOOR - LIFE SAFETY PLAN



2 SECOND FLOOR - LIFE SAFETY PLAN

CODE CHECKLIST

CODES IN USE:
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2009 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2018 INTERNATIONAL PLUMBING CODE (IPC)
2018 INTERNATIONAL FUEL GAS CODE (IFGC)
2021 NATIONAL ELECTRICAL CODE (NEC)

USE AND OCCUPANCY CLASSIFICATION, CHAPTER 3

TYPE OF OCCUPANCY
ASSEMBLY A-3: NOT APPLICABLE. SINCE CONFERENCE, HOSPITALITY AREA AND LOBBY WAITING AREA ARE LESS THAN 750 SF OR 50 OCCUPANTS (303.1.2).
BUSINESS, B: OFFICE AREA (ASSEMBLY FUNCTIONS ARE ALL LESS THAN 750 SF OR 50 OCCUPANTS SO THEY ARE CONSIDERED GROUP B, PER 303.1.2)
FACTORY F-1: FOOD PROCESSING AND COMMERCIAL KITCHENS NOT ASSOCIATED WITH RESTAURANTS OR SIMILAR AND MORE THAN 2,500 SF
STORAGE S1, MODERATE-HAZARDOUS STORAGE: DEPENDING ON COMBUSTIBILITY OF PRODUCTS OR PACKAGING
STORAGE S-2, LOW-HAZARDOUS STORAGE: INCLUDES FOOD PRODUCTS AND FOODS IN NONCOMBUSTIBLE CONTAINERS, FROZEN FOODS. MOST OR ALL STORAGE WILL FALL UNDER THIS CATEGORY, BUT S-1 IS USED SINCE IT IS GENERALLY MORE RESTRICTIVE

GENERAL BUILDING HEIGHTS AND AREAS, CHAPTER 5

BUILDING AREA:	
FIRE FLOW CALCULATION AREA	51,559
ROOF OVERHANGS: 1,654 + 1,383 + 1,230 + 52 = 3,739	
BUILDING AREA, CURRENT MAIN LEVEL	55,268 SF
2ND FLOOR OFFICES:	
TOTAL FIRE AREA	56,114 SF
FUTURE EXPANSION:	
TOTAL FIRE AREA, FUTURE	71,134 SF

ALLOWABLE AREA: UNLIMITED ALLOWED PER 507.5 FOR TWO STORY BUILDING, GROUP B, F, M OR S WITH AUTOMATIC SPRINKLER SYSTEM WHEN BUILDING IS SURROUNDED BY PUBLIC WAYS OR YARDS NOT LESS THAN 80' WIDE.

NUMBER OF STORES: 2
ALLOWABLE STORES: 2 (F-1 OR S-1 MOST RESTRICTIVE)
BUILDING HEIGHT: 39'-11" FROM MAIN FLOOR TO BUILDING PEAK
29'-10" AVERAGE GRADE PLANE TO ROOF EAVE.
USED FOR FIRE TRUCK ACCESS REQUIREMENTS
75 FT
ALLOWABLE HEIGHT: 75 FT

OCCUPANCY SEPARATION: NON-SEPARATED, PER 508.3.2 THE MOST RESTRICTIVE OCCUPANCY GROUPS ARE USED TO DETERMINE ALLOWABLE BUILDING HEIGHT AND AREA.

INCIDENTAL USES: ELECTRICAL ROOM? TBD

TYPES OF CONSTRUCTION, CHAPTER 6

TYPE OF CONSTRUCTION: Type III-B
EXTERIOR WALLS ARE OF NONCOMBUSTIBLE MATERIALS AND THE INTERIOR BUILDING ELEMENTS ARE OF ANY MATERIAL PERMITTED BY CODE. FRAMING AND SHEATHING ARE ALLOWED IN EXTERIOR WALL ASSEMBLIES OF 2-HOUR RATING OR LESS.

BUILDING ELEMENT RATINGS, TABLE 601	
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	2 (NONE USED)
INTERIOR BEARING WALLS	0
NONBEARING WALLS & PARTITIONS (EXTERIOR)	0
NONBEARING WALLS & PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

MEANS OF EGRESS, CHAPTER 10

TYPE OF CONSTRUCTION: Type III-B
EXTERIOR WALLS ARE OF NONCOMBUSTIBLE MATERIALS AND THE INTERIOR BUILDING ELEMENTS ARE OF ANY MATERIAL PERMITTED BY CODE. FRAMING AND SHEATHING ARE ALLOWED IN EXTERIOR WALL ASSEMBLIES OF 2-HOUR RATING OR LESS.

BUILDING ELEMENT RATINGS, TABLE 601	
PRIMARY STRUCTURAL FRAME	0
EXTERIOR BEARING WALLS	2 (NONE USED)
INTERIOR BEARING WALLS	0
NONBEARING WALLS & PARTITIONS (EXTERIOR)	0
NONBEARING WALLS & PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION	0
ROOF CONSTRUCTION	0

OCCUPANT LOAD

FUNCTION AREA (GROSS)	OCC LOAD FACTOR	OCCUPANT LOAD
BUSINESS, 8,066 SF	150 GROSS	54
KITCHEN, 1,029 SF	200 GROSS	6
INDUSTRIAL, 10,748 SF	100 GROSS	108
WAREHOUSE, 33,890 SF	500 GROSS	68
STORAGE, 1,032 SF	300 GROSS	4
TOTAL		240

TABLE 1006.2.1 (SPACES WITH ONE EXIT OR ACCESS DOORWAY)

OCCUPANCY	MAX OCC LOAD	MAX COMMON PATH OF EGRESS TRAVEL (W/SPRINKLERS)
A	49	75 FT
B	49	100 FT
F	49	100 FT
S	29	100 FT

TABLE 1017.2 (EXIT ACCESS TRAVEL DISTANCE)

GROUPS A, F-1, S-1	250 FEET W/ SPRINKLER SYSTEM
GROUP B:	300 FEET W/ SPRINKLER SYSTEM
GROUP S-2:	400 FEET W/ SPRINKLER SYSTEM

ACCESSIBILITY, CHAPTER 11
1104.4 MULTISTORY BUILDINGS AND FACILITIES: SECOND AND MEZZANINE DO NOT REQUIRE ELEVATOR PER EXCEPTION 1. AN ACCESSIBLE ROUTE IS NOT REQUIRED TO STORES AND MEZZANINES OF NOT MORE THAN 3,000 SF.

PLUMBING SYSTEMS, CHAPTER 29

CLASSIFICATION	OCC LOAD / GENDER	WC	W	LAV	FIXTURES PER EACH GENDER
BUSINESS:	27 M	27 W	@11:25	1/40	1.08 WC
KITCHEN:	3 M	3 W			
INDUSTRIAL:	54M	54W			
WAREHOUSE:	34M	34W			
STORAGE:	2 M	2 W			
TOTAL FACTORY / INDUSTRIAL STORAGE:	93 M	93W	@11/100,	1/100	0.93 WC

TOTAL REQUIRED

TOTAL PROVIDED	2.01 = 3 WC	1.61 = 2 LAV	3 WC	3 LAV
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DRINKING FOUNTAINS

BUSINESS:	54 @ 11/100 =	0.540
FACTORY / INDUSTRIAL STORAGE:	186 @ 11/400 =	0.465
TOTAL REQUIRED	4 @ 11/1000 =	0.006
TOTAL PROVIDED	1.005 =	2 (1 HIGH / 1 LOW)

SERVICE SINK: 1 REQUIRED, 2 PROVIDED

FOOD BANK OF THE ROCKIES

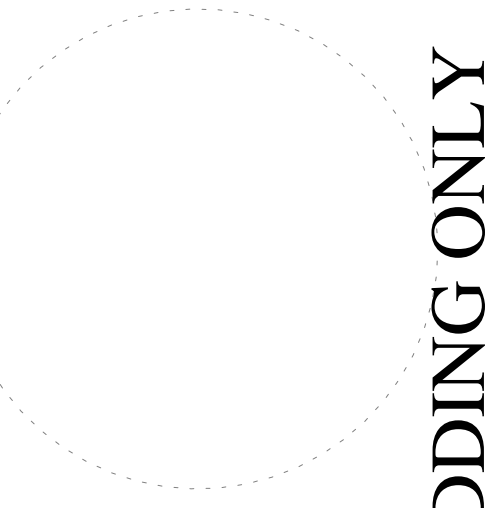
2294 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

CODE CHECKLIST & LIFE SAFETY PLAN

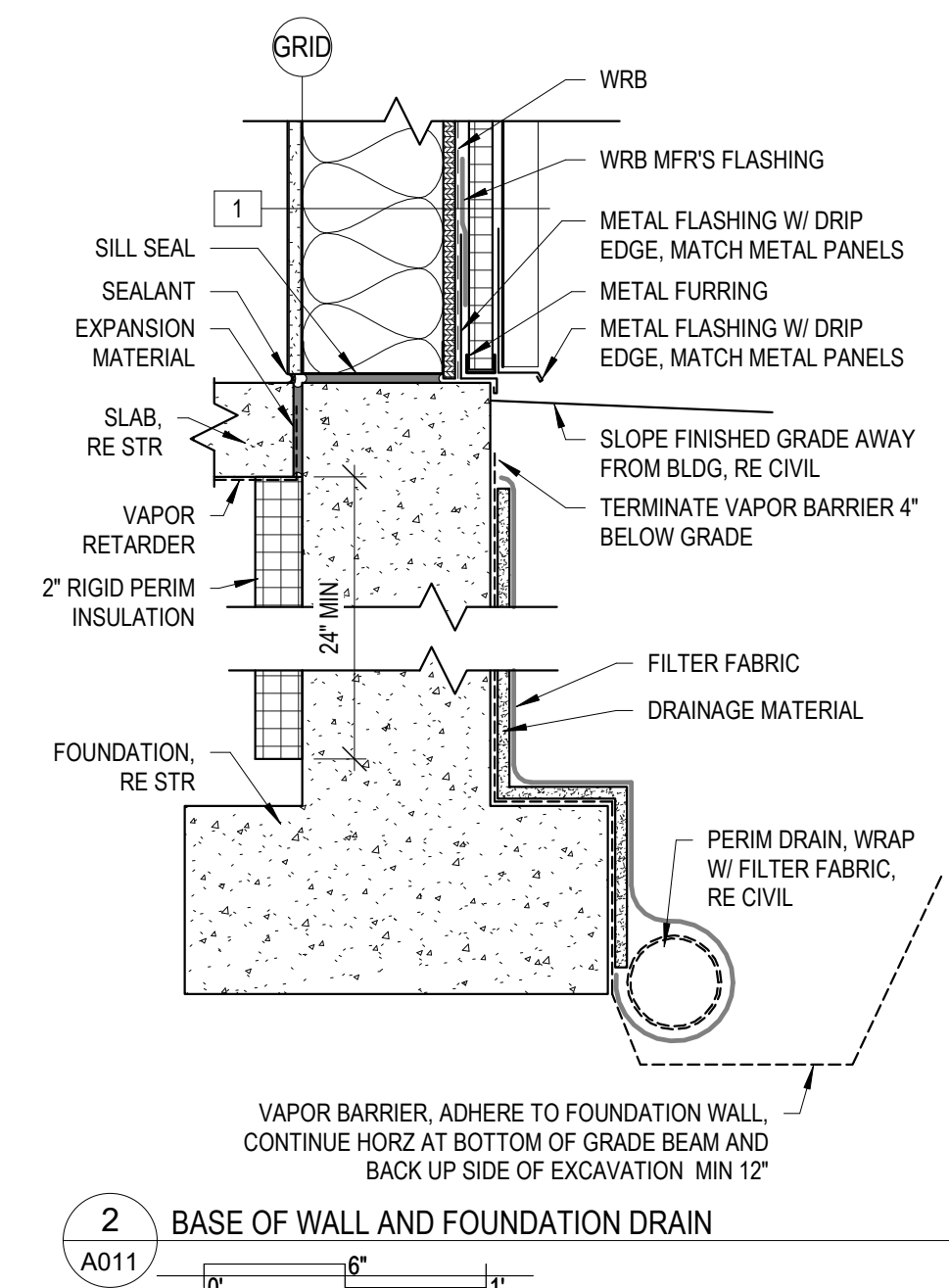
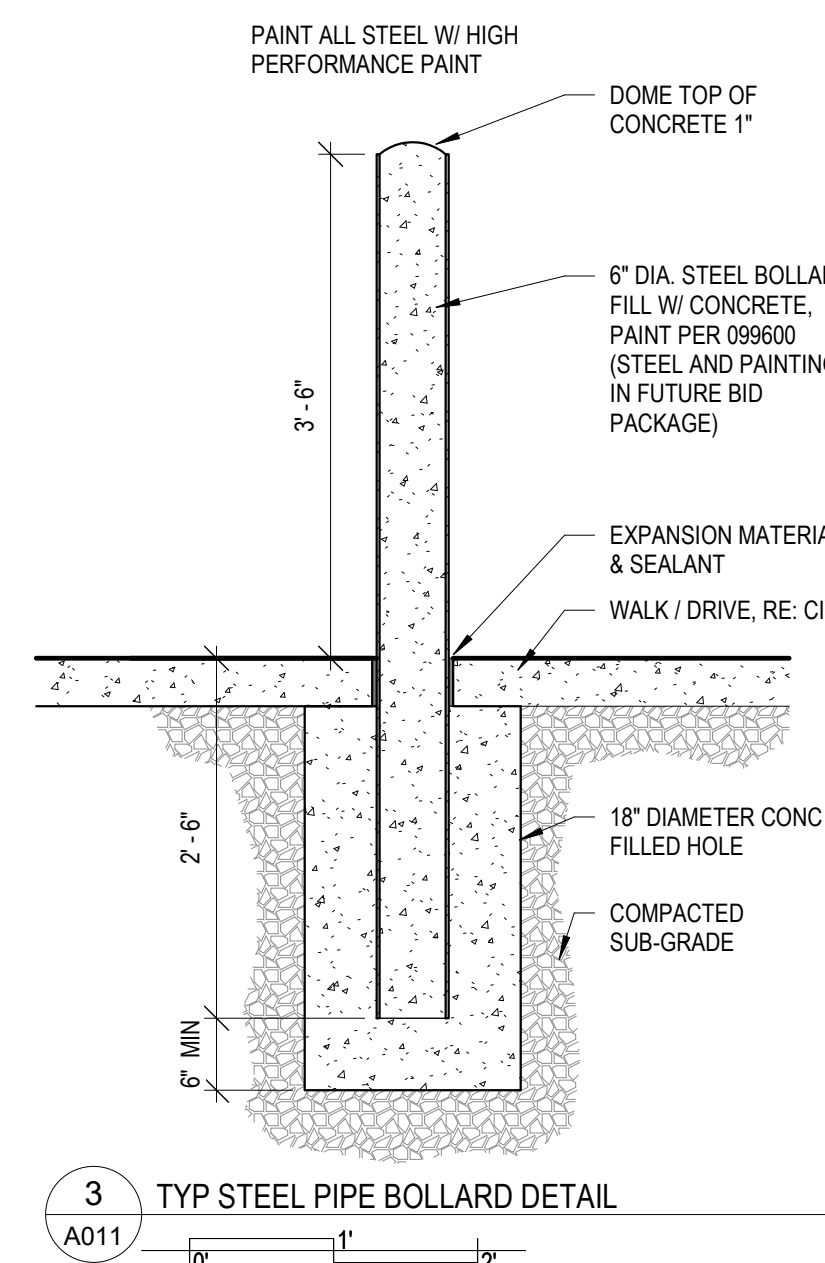
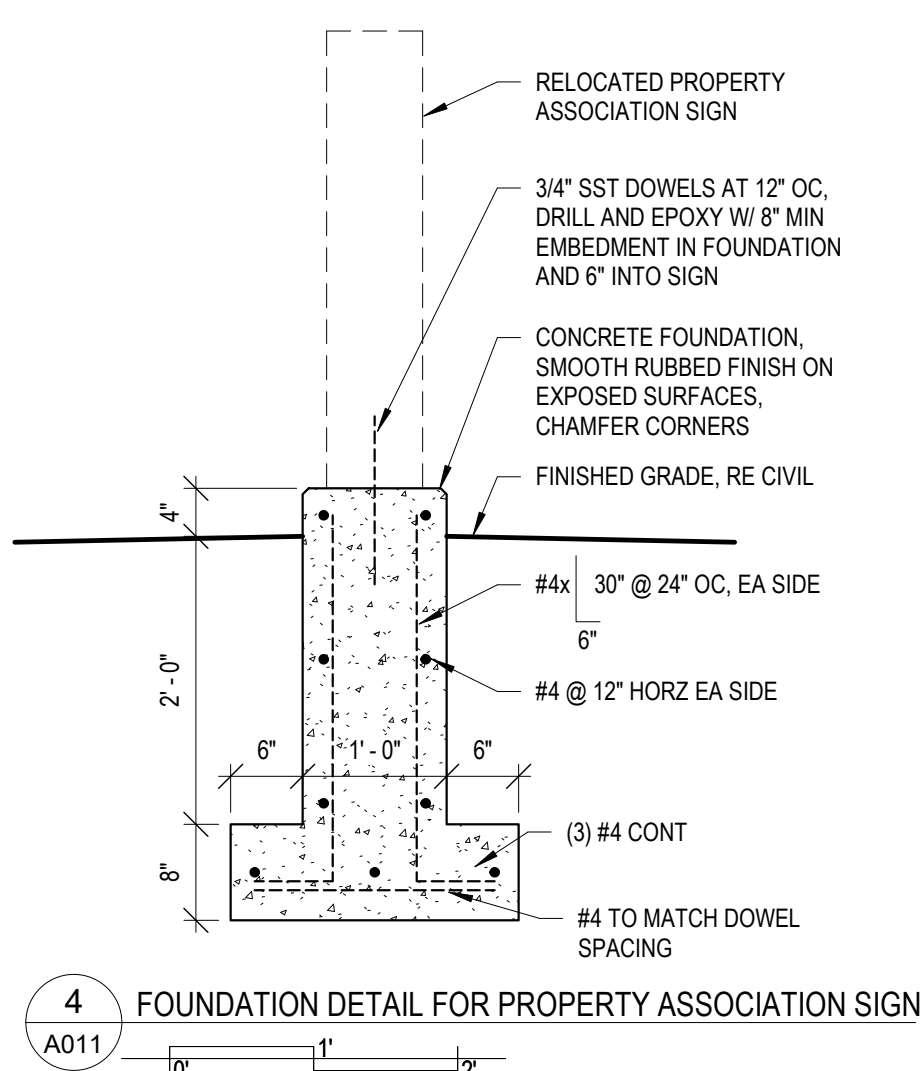
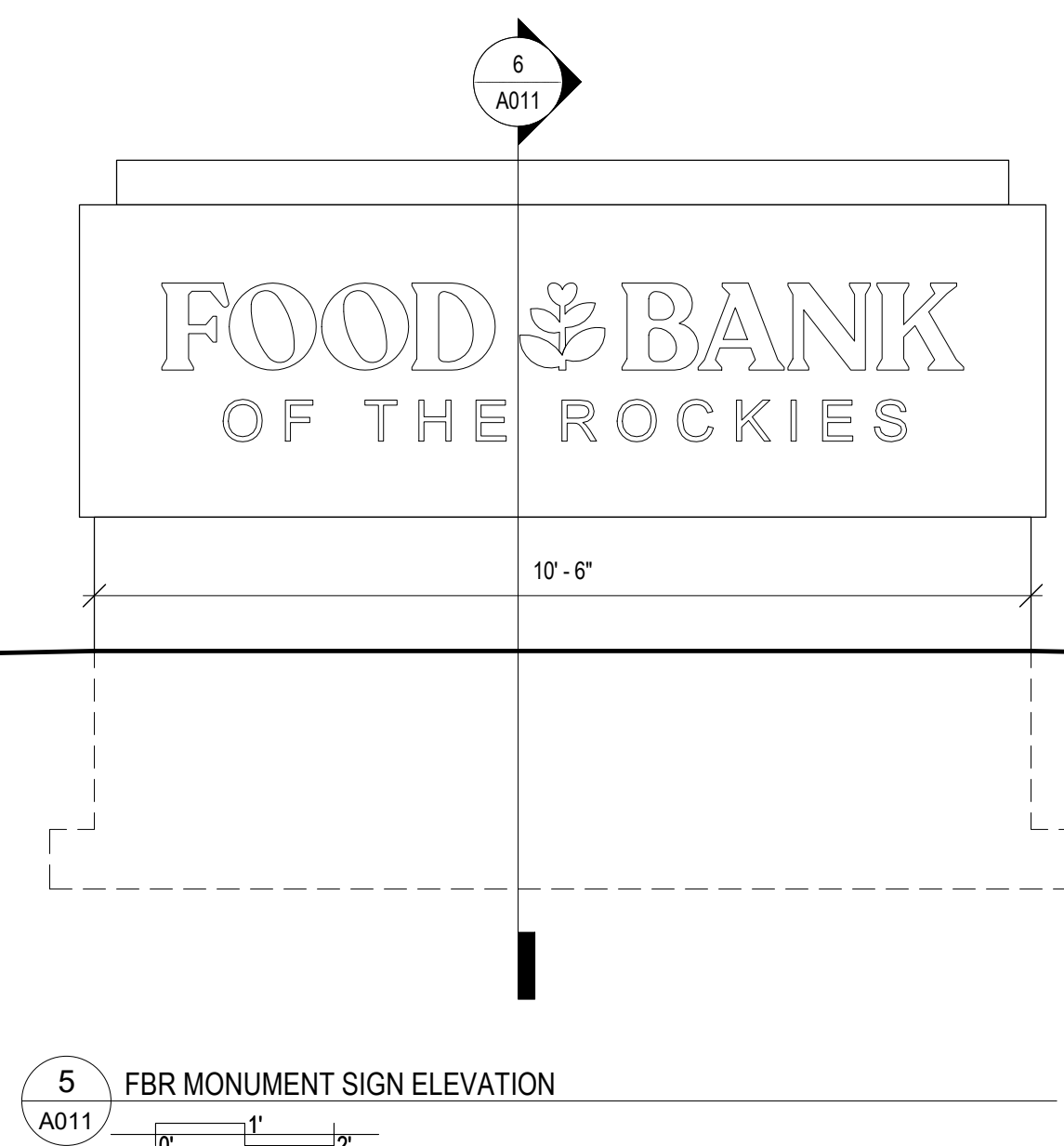
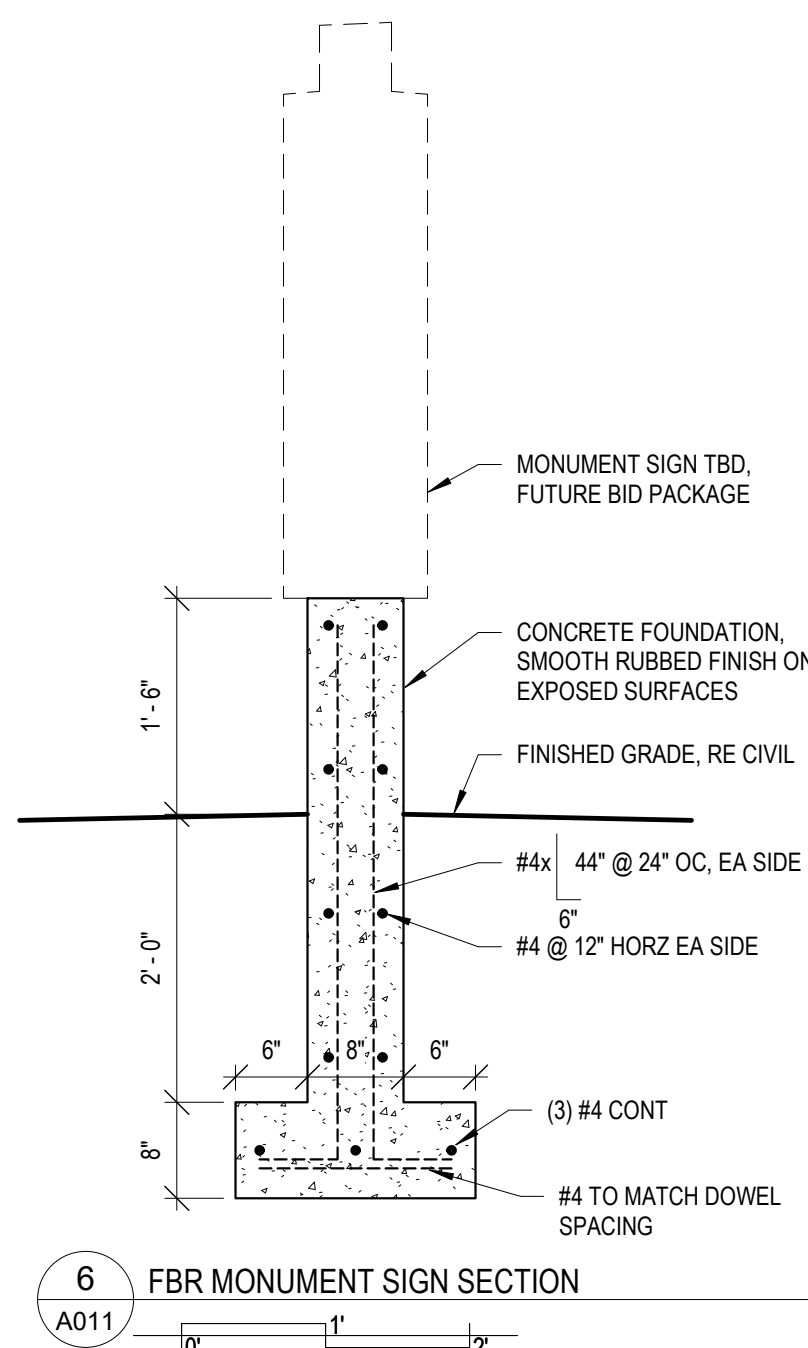
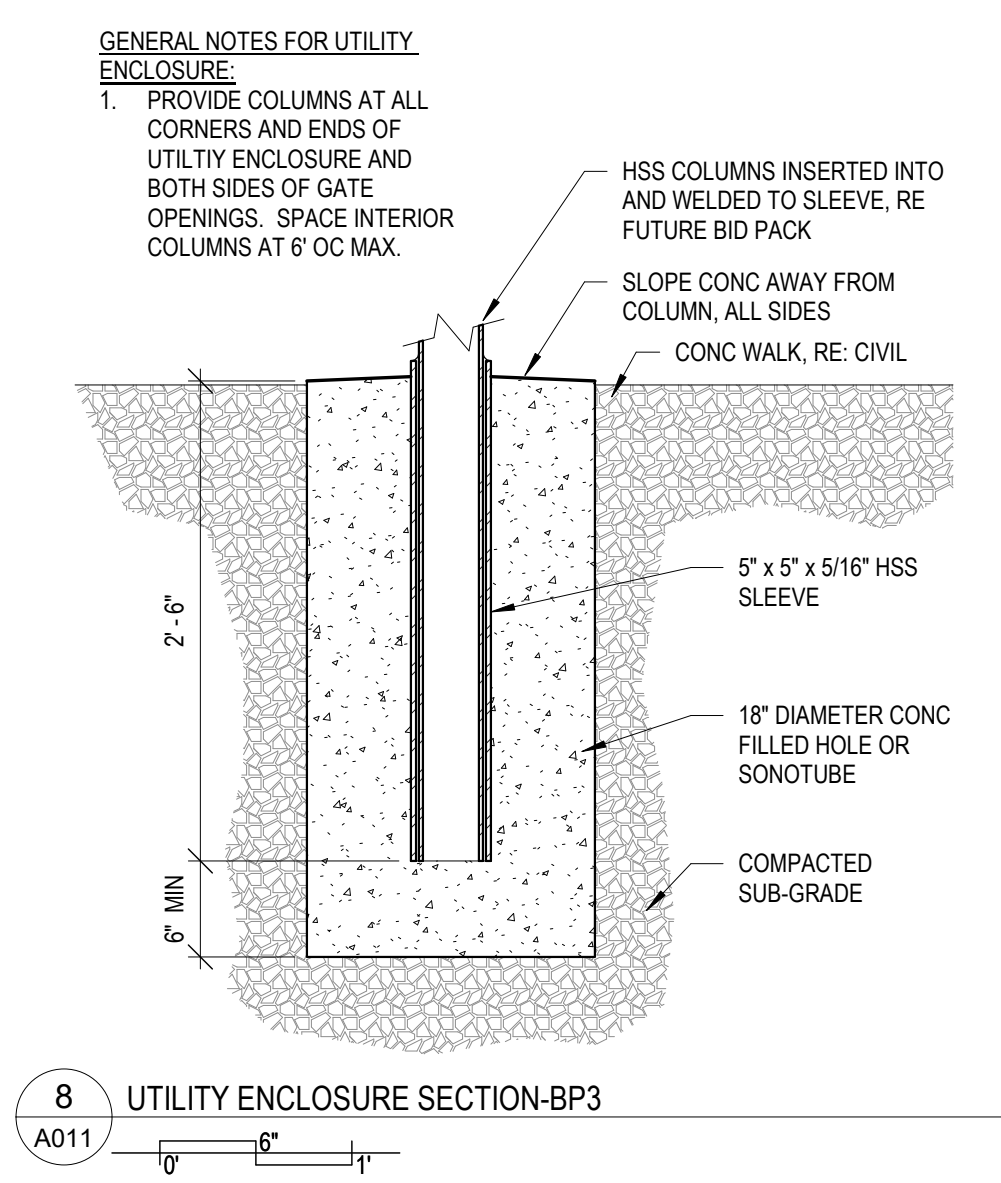
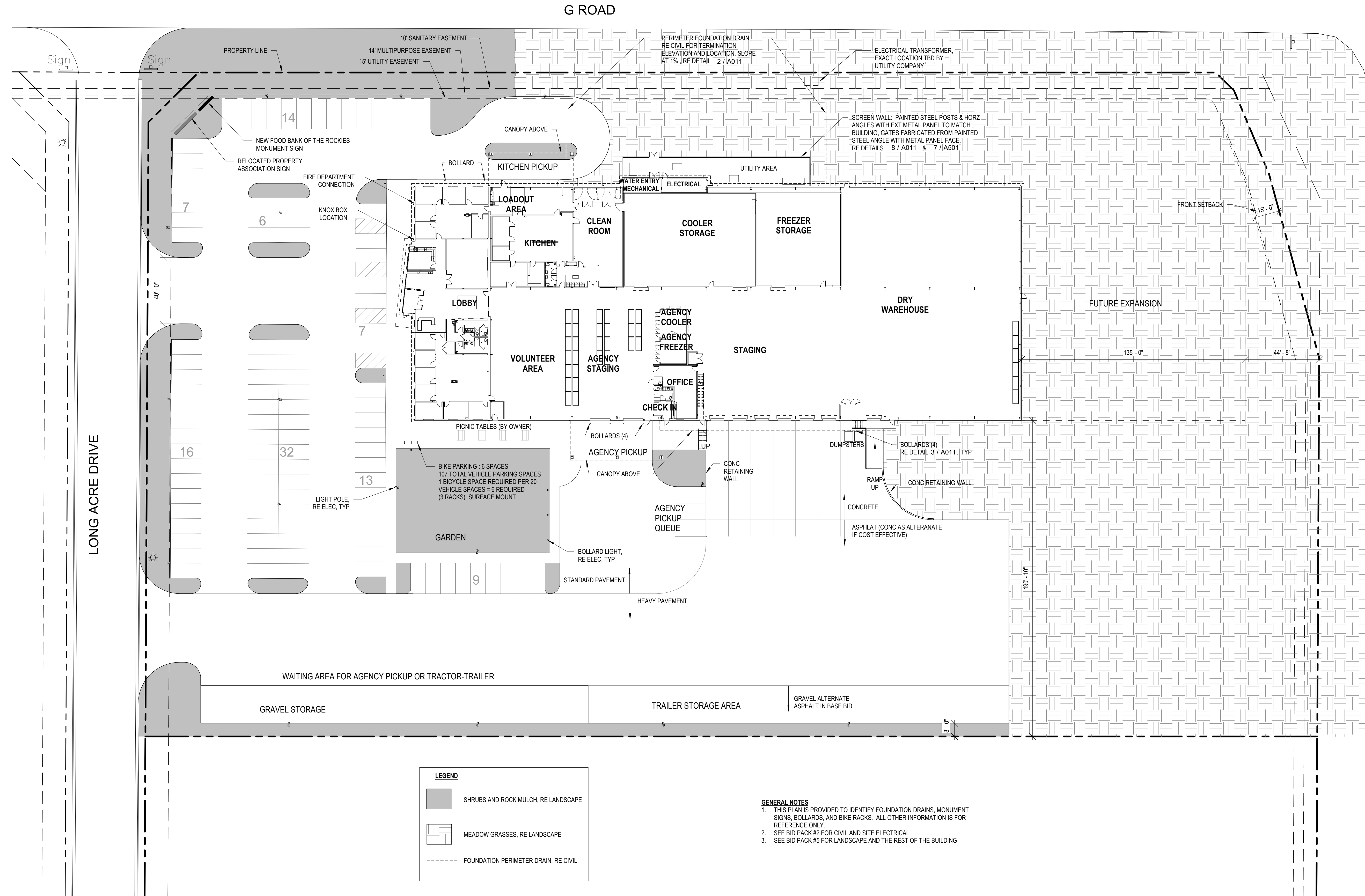
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BID PACKAGE #3, FOUNDATIONS

DATE: 06/15/21 **SHEET NO:** A002
PROJECT NO: 2108



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FOOD BANK OF THE ROCKIES

2294 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

ARCHITECTURAL SITE PLAN

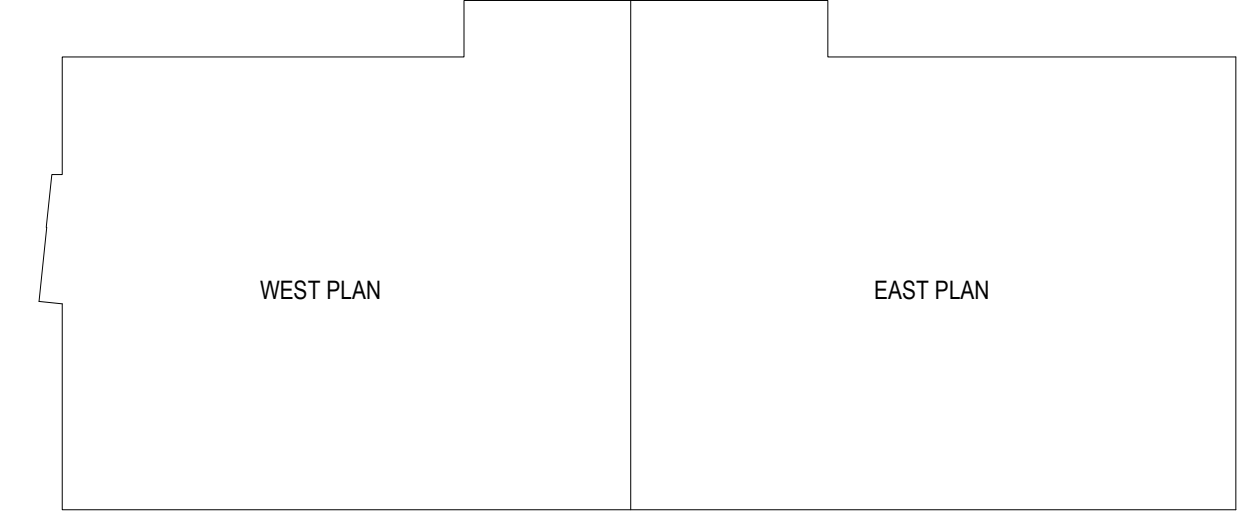
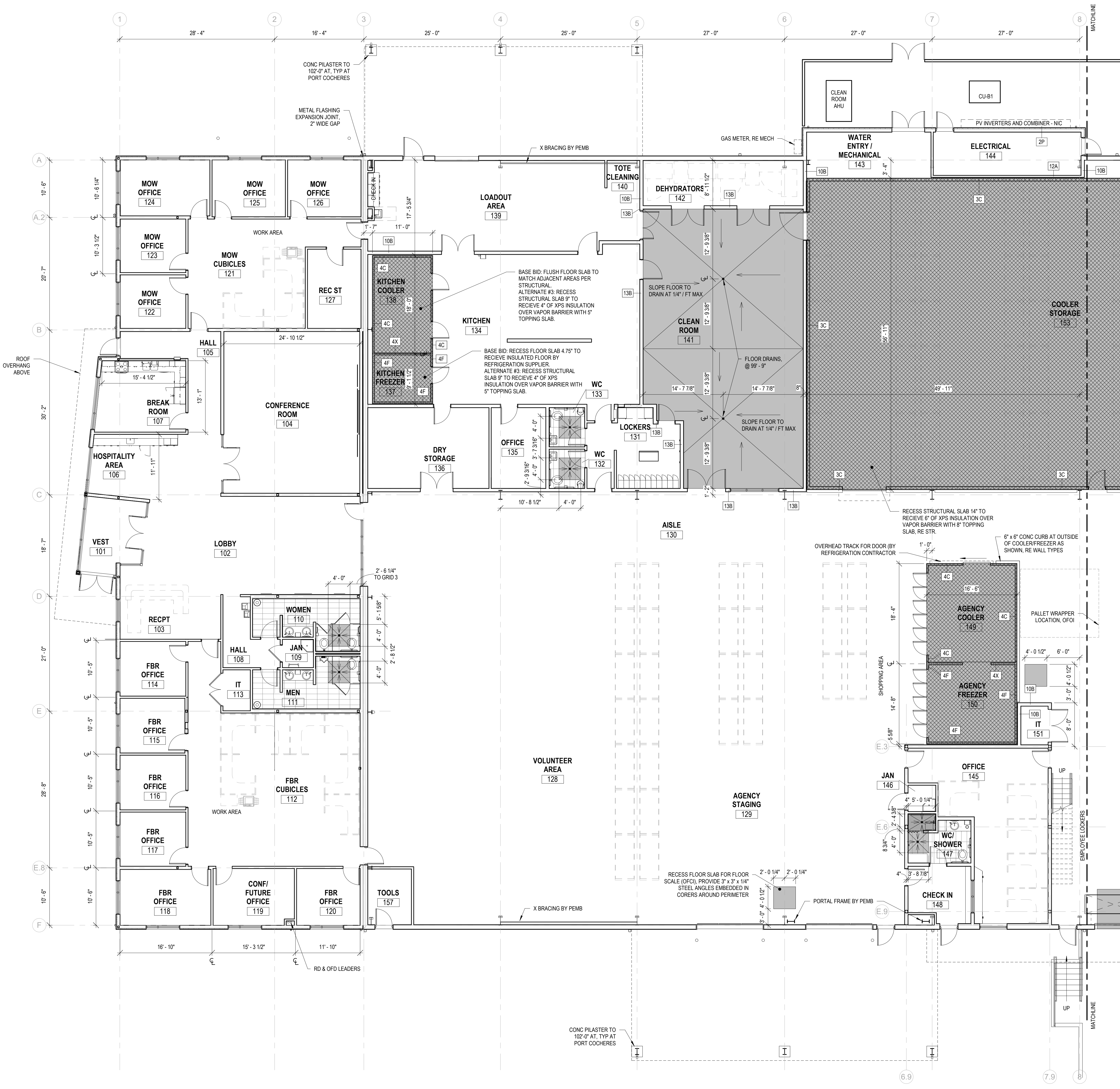
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KEY PLAN

LEGEND

- RECESSED OR SLOPED FLOOR, SEE PLAN FOR DEPTH AND SLOPE. RE STR FOR CONC SLAB, RE PLUMBING FOR DRAINS.
- INSULATED FLOOR SLAB, SEE PLAN FOR DEPTH DESCRIPTION OF ALTERNATES, RE STR FOR CONC SLAB.

GENERAL FLOOR PLAN NOTES:

- THIS DRAWING IS PROVIDED FOR DESCRIPTION OF FLOOR SLAB CONSTRUCTION. OTHER INFORMATION IS PROVIDED FOR REFERENCE ONLY. SEE FUTURE BID PACKAGES.
- REFER TO WALL TYPES ON T001 FOR BASE OF WALL DETAILS SHOWING TRANSITIONS IN FLOOR CONSTRUCTION THAT OCCUR UNDER SOME WALLS.

FOOD BANK OF THE ROCKIES

2294 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

MAIN FLOOR PLAN - WEST

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BID PACKAGE #3, FOUNDATIONS

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PROJECT NO: **A021**

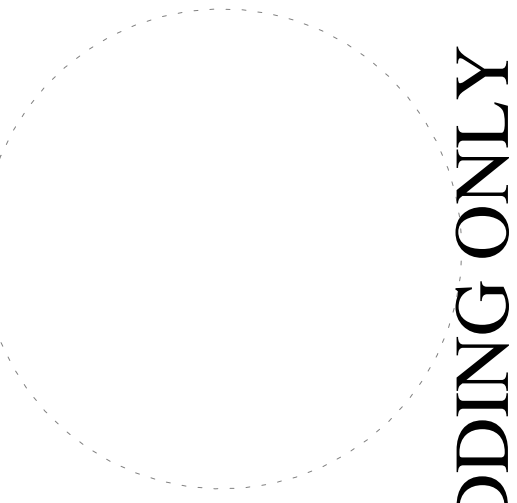
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 MAIN LEVEL FLOOR PLAN - WEST-BP3
 A021

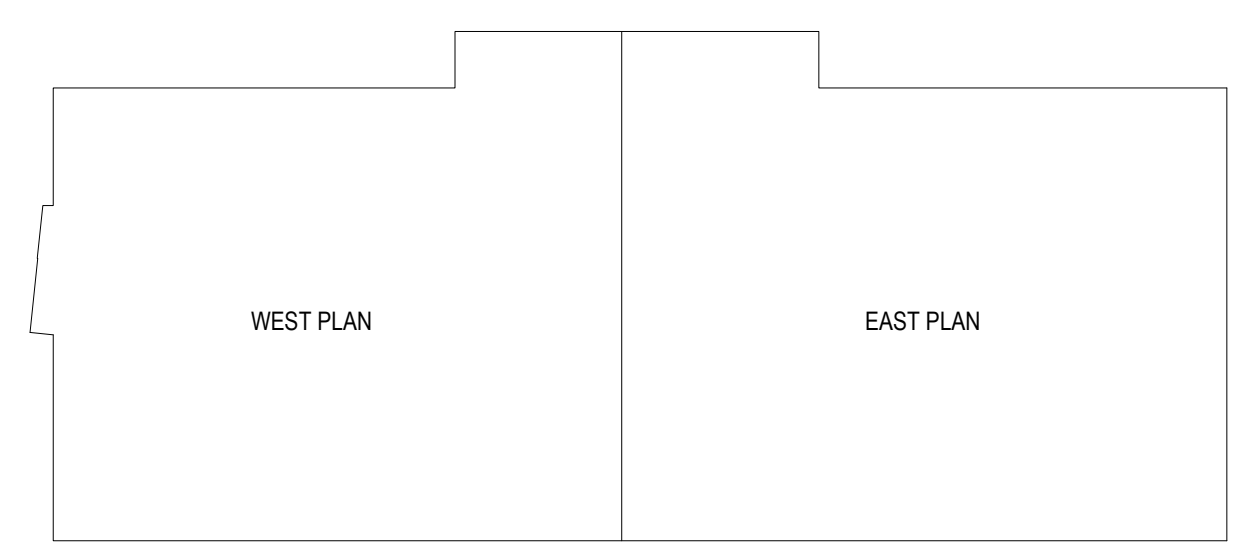
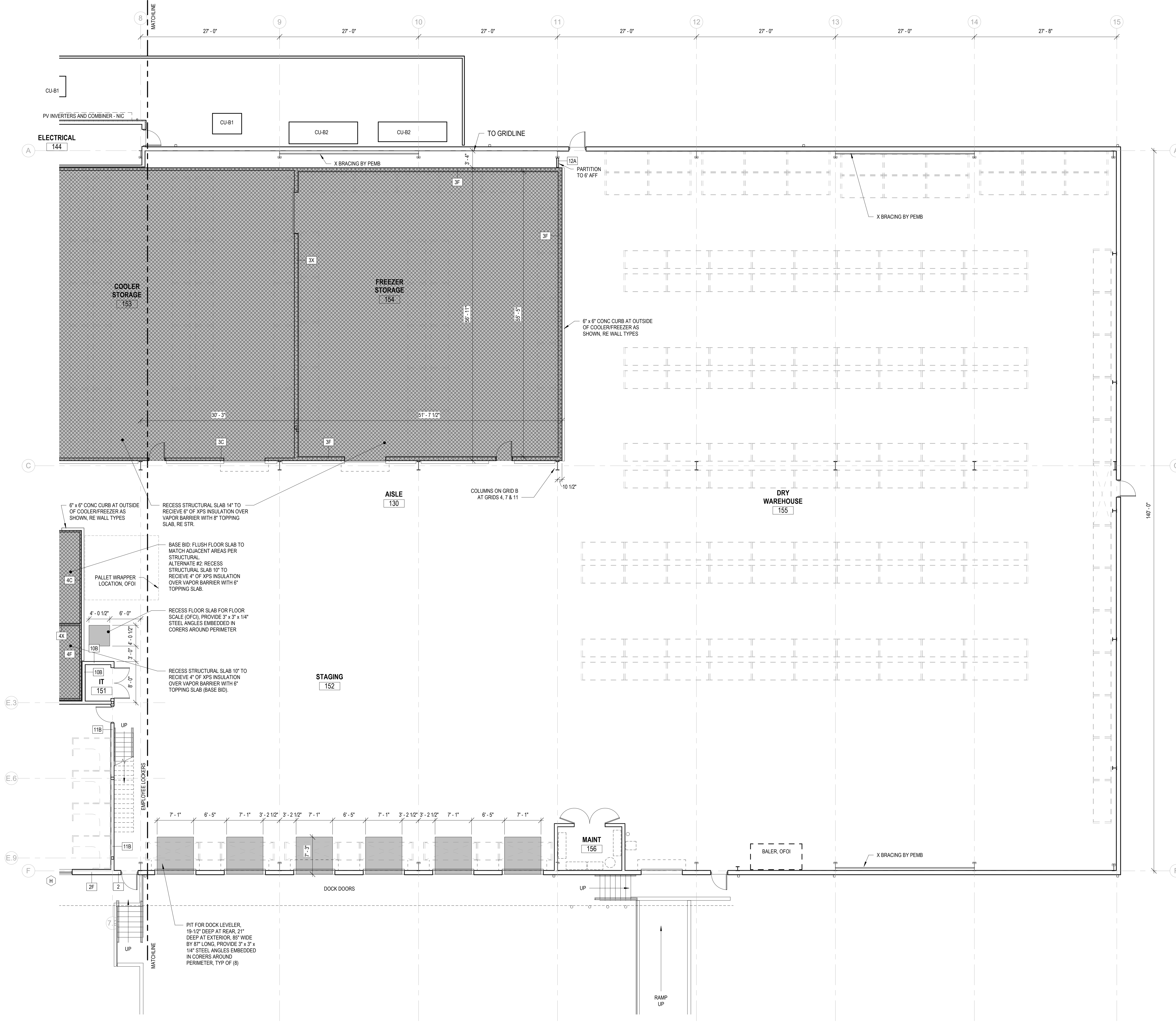


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KEY PLAN

LEGEND

- RECESSED OR SLOPED FLOOR, SEE PLAN FOR DEPTH AND SLOPE. RE STR FOR CONC SLAB, RE PLUMBING FOR DRAINS
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FOOD BANK OF THE ROCKIES

2294 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

MAIN FLOOR PLAN - EAST

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BID PACKAGE #3, FOUNDATIONS

DATE: 06/15/21 SHEET NO:

PROJECT NO: 2108 **A022**

1 MAIN LEVEL FLOOR PLAN - EAST-BP3
A022

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ABBREVIATIONS

Table with columns for various abbreviations and their corresponding full names, including structural, material, and general terms.

GENERAL NOTES CONT.

- 4. STEEL: A. ALL STRUCTURAL STEEL WIDE FLANGE SHAPES SHALL CONFORM TO ASTM A992 (Fy = 50 ksi) B. ALL STRUCTURAL STEEL ANGLES, CHANNELS, S SHAPES, AND PLATES SHALL CONFORM TO ASTM 36 (Fy = 36 ksi) C. ALL RECTANGULAR OR SQUARE HSS (HOLLOW STRUCTURAL SECTIONS) MEMBERS SHALL CONFORM TO ASTM A500 (GRADE B). ALL ROUND HSS MEMBERS SHALL CONFORM TO ASTM A513 (GRADE B) OR A500 (GRADE B), LATEST EDITIONS. D. STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH LATEST PROVISIONS OF THE A.I.S.C. STEEL CONSTRUCTION MANUAL. E. USE FRAMED BEAM CONNECTIONS WITH 3/4" DIAMETER ASTM A325 BOLTS, OR WELDED EQUIVALENT, UNLESS OTHERWISE SHOWN OR NOTED, (2) BOLT MIN. STEEL FABRICATOR SHALL PROVIDE SHOP DRAWINGS WITH DETAILED CONNECTIONS THAT HAVE BEEN DESIGNED IN ACCORDANCE WITH CHAPTER 10 OF THE AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION. FOR BEAMS WITHOUT DESIGNATED LOADS ON DRAWINGS, USE 8k MINIMUM EACH END. IF TWO SYMBOLS ARE SHOWN, THEY DENOTE CONNECTION REQUIRED AT CORRESPONDING END. IF ONLY ONE SYMBOL IS SHOWN, IT DENOTES CONNECTION REQUIRED AT EACH END OF BEAM. F. ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE A.W.S. STANDARD QUALIFICATION TESTS G. SEE ARCHITECTURAL DRAWINGS FOR NAILER HOLES OR OTHER HOLES REQUIRED IN STEEL MEMBERS. 5. WOOD: A. ALL BEAMS AND HEADERS 2 TO 4 INCHES THICK SHALL BE HEM-FIR NO. 2 OR BETTER WITH Fb = 850 PSI AND E = 1,300,000 PSI. B. ALL BEAMS 5" AND WIDER SHALL BE DOUGLAS FIR-LARCH NO. 1 OR BETTER WITH MINIMUM Fb = 1,350 PSI AND E = 1,600,000 PSI. C. ALL POSTS AND COLUMNS 5" AND LARGER SHALL BE DOUGLAS FIR-LARCH NO. 2 OR BETTER WITH MINIMUM Fc = 800 PSI AND E = 1,000,000 PSI. D. ALL WALL STUDS AND PLATES SHALL BE HEM-FIR OR BETTER IN STUD GRADE WITH MINIMUM Fc = 800 PSI AND E = 1,200,000 PSI. E. ENGINEERED WOOD ROOF JOISTS (11 7/8" AND 16") SHALL BE TJI 360 BY WEYERHAEUSER, BCI 60 2.0 BY BOISE CASCADE, RPPI 70 BY ROSEBURG, OR AN ENGINEER APPROVED EQUIVALENT. ENGINEERED JOISTS SHALL BE DESIGNED, MANUFACTURED, AND ERRECTED IN ACCORDANCE WITH MANUFACTURERS STANDARD SPECIFICATIONS AND RECOMMENDATIONS. F. LAMINATED VENEER LUMBER (L.V.L.) SHALL BE "MICROLLAM" BY WEYERHAEUSER, "VERSA LAM" BY BOISE CASCADE, "RIGIDLAM" BY ROSEBURG, OR AN ENGINEER APPROVED EQUIVALENT WITH MINIMUM Fc = 2,500 PSI AND MINIMUM E = 1,900,000 PSI. G. LAMINATED STRAND LUMBER (L.S.L.) RIM BOARDS SHALL BE "TIMBERSTRAND" BY TRUS-JOIST, "VERSA RIM" BY BOISE CASCADE, OR AN ENGINEER APPROVED EQUIVALENT WITH MINIMUM Fb = 1,700 PSI AND MINIMUM E = 1,300,000 PSI. 6. FOUNDATIONS: FOUNDATION DESIGN IS BASED UPON RECOMMENDATIONS BY HUDDLESTON-BERRY ENGINEERING & TESTING, L.L.C., PROJECT NO. 01282-0002. RECOMMENDATIONS IN THIS REPORT MUST BE FOLLOWED. A. ALLOWABLE SOIL BEARING PRESSURE 1,500 P.S.F. THE SOILS ENGINEER OF RECORD SHOULD EXAMINE THE EXCAVATION TO VERIFY BEARING PRESSURE AND SOILS CONDITIONS PRIOR TO CONSTRUCTION. 7. SPECIAL INSPECTIONS: A. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SCHEDULE ON SHEET S002. 8. ALL DIMENSIONS ON STRUCTURAL DRAWINGS TO BE CHECKED AGAINST ARCHITECTURAL NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH CONSTRUCTION. 9. VERIFY ALL OPENINGS THROUGH FLOORS, ROOF, AND WALLS WITH MECHANICAL AND ELECTRICAL REQUIREMENTS.

Table with columns for Sheet Number and Sheet Name, listing sheets S001 through S301.

GENERAL NOTES

- 1. GOVERNING CODE USED FOR DESIGN: 2018 INTERNATIONAL BUILDING CODE 2. LIVE LOADS USED IN DESIGN: A. ROOF: FLAT ROOF SNOW LOAD Pf 30 PSF GROUND SNOW LOAD Pg 43 PSF SNOW EXPOSURE FACTOR Ce 1.0 SNOW LOAD IMPORTANCE FACTOR Is 1.0 THERMAL FACTOR Ct 1.0 B. WAREHOUSE FLOOR 250 PSF OR CONCENTRATED LOADS OF RACKS C. OFFICES & CORRIDORS ABOVE 1st FLOOR 80 PSF D. STORAGE 125 PSF F. WIND: EXPOSURE C RISK CATEGORY II Vmax 115 MPH Vavg 89 MPH COMPONENTS AND CLADDING (BASED ON EFFECTIVE AREA = 18 SQ. FT.): TYPICAL WALL AREA (INWARD PRESSURE) 16 PSF TYPICAL WALL AREA (OUTWARD PRESSURE) 16 PSF WALL CORNERS (OUTWARD PRESSURE) 20 PSF TYPICAL ROOF AREA (OUTWARD PRESSURE) 22 PSF ROOF EAVES, RAKES, RIDGES & CORNERS (OUTWARD PRESSURE) 31 PSF PARAPETS (INWARD OR OUTWARD PRESSURE) 29 PSF G. SEISMIC: RISK CATEGORY II IMPORTANCE FACTOR (Ie) 1.0 R COEFFICIENT 0.5 SPECTRAL RESPONSE COEFFICIENTS: Ss 0.249 S1 0.266 S0.1 0.103 SEISMIC RESPONSE COEFFICIENTS: Cs 0.041 SITE CLASS D SEISMIC DESIGN CATEGORY B BASIC SEISMIC FORCE RESISTING SYSTEM LIGHT FRAMED WOOD SHEAR WALLS DESIGN BASE SHEAR 20K ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE PROCEDURE 3. CONCRETE: A. CONCRETE MIX TABLE (NORMAL WEIGHT CONCRETE): INTENDED USE 28 DAY STRENGTH F'C (KSI) MAX W/C (INCLUDING FLY ASH) MAX AGGR. (IN) SLURRY (L) (IN) TOTAL AIR LIMITS (%)(2) CEMENT TYPE CONCRETE TYPE (MIN. LIGHT WEIGHT) RECD ADMIXTURES (3) OTHER REQUIREMENTS (4) STEMWALLS, PILASTERS & FOOTINGS 4 0.45 3/4 4 6 II NW AE FAR INTERIOR SLABS ON GRADE 3.5 0.45 1 1/2 4 N II NW -- SOG NOTES: (1) FOR THE MAXIMUM COARSE AGGREGATE SIZE INDICATED, USE THE FOLLOWING AGGREGATE SIZE NUMBERS PER ASTM C33: 3/4" - #67 AGGREGATE 1" - #57 AGGREGATE (2) TOTAL AIR CONTENT LIMITS INCLUDE BOTH ENTRAINED AND ENTRAPPED AIR +/- 1 1/2%. 'N' IN COLUMN INDICATES ADDITION OF ENTRAINED AIR IS NOT PERMITTED. (3) ABBREVIATIONS FOR REQUIRED ADMIXTURES AS FOLLOWS: AE = AIR-ENTRAINING ADMIXTURE. DO NOT USE ENTRAINED AIR FOR STEEL TROWELED FINISHED FLOORS. WRA = WATER REDUCING ADMIXTURE (4) ABBREVIATIONS FOR OTHER REQUIREMENTS AS FOLLOWS: FAR = 20% CLASS F FLY ASH REQUIRED. SOG = CONTRACTOR TO VERIFY ALKALINITY OF CONCRETE SURFACE, SLAB VAPOR TRANSMISSION, AND SLAB FLATNESS/LEVELNESS ARE COMPATIBLE WITH FLOORING SYSTEM AND ADHESIVES PRIOR TO INSTALLING FLOORING. AMOUNT OF CEMENTITIOUS MATERIALS LISTED SHALL BE PROVIDED, DO NOT USE LESS AND DO NOT SUPPLY OVER 5% MORE. (5) FOR CONCRETE PLACED BY PUMPING, PROVIDE CONCRETE MIX FLOWABILITY TO FACILITY PUMPING. B. ALL REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT COLUMN TIES, BEAM STRIPPUS, AND DOWELS TO SLAB ON GRADE WHICH MAY BE GRADE 40. C. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAIL OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 40 BAR DIAMETERS UNLESS OTHERWISE SHOWN OR NOTED. MAKE ALL BARS CONTINUOUS AROUND CORNERS. D. STAGGER SPLICES A MINIMUM OF 4'-0" FOR TOP AND BOTTOM CONTINUOUS BARS IN FOUNDATIONS, UNLESS OTHERWISE SHOWN OR NOTED. E. DETAIL BARS IN ACCORDANCE WITH A.C.I. DETAILING MANUAL AND A.C.I. BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, LATEST EDITIONS. F. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING (INCLUDING W.W.F.) AT POSITIONS SHOWN ON THE DRAWINGS. DO NOT ATTEMPT TO POSITION ANY REINFORCEMENT BY LIFTING DURING CONCRETE PLACEMENT. G. REINFORCEMENT PROTECTION SHALL BE AS FOLLOWS: (1) CONCRETE POURED AGAINST EARTH 2" (2) FORMED CONCRETE EXPOSED TO EARTH OR WEATHER 2" (3) FORMED STAIRS OR WALLS NOT EXPOSED TO WEATHER 3/4" H. PLACE 2-#5 (ONE EACH FACE) WITH 2'-0" PROJECTION AROUND ALL OPENINGS IN CONCRETE UNLESS OTHERWISE SHOWN OR NOTED. I. SLABS, BEAMS, AND GRADE BEAMS SHALL NOT HAVE JOINTS IN A HORIZONTAL PLANE. ANY STOP IN CONCRETE WORK MUST BE MADE AT MIDDLE OF SPAN WITH VERTICAL BULKHEADS AND KEYS AS SHOWN PER THE TYPICAL CONCRETE WALL CONSTRUCTION JOINT DETAIL. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER. J. WIRE FABRIC REINFORCEMENT MUST LAP ONE FULL MESH +2" AT SIDE AND END LAPS, AND SHALL BE TIED TOGETHER.



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FOOD BANK OF THE ROCKIES

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GENERAL NOTES

NO. ISSUED FOR: DATE:
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PROJECT STATUS: B.P. 3

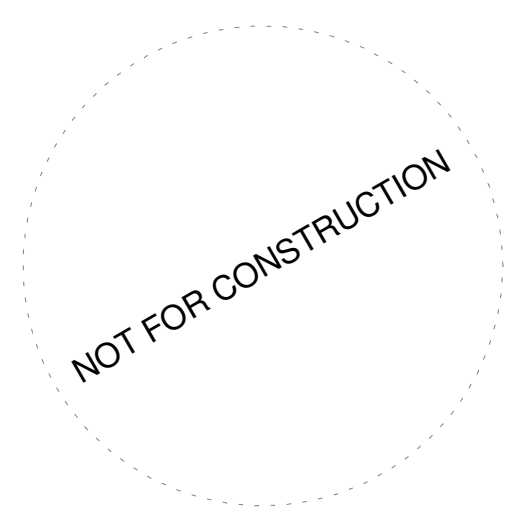
DATE: 06/15/21 SHEET NO:

PROJECT NO: 21.029 S001

SPECIAL INSPECTIONS:
 A. SPECIAL INSPECTIONS SHALL COMPLY WITH CHAPTER 17 OF THE 2018 I.B.C.
 B. STATEMENT OF REQUIRED SPECIAL INSPECTIONS:

SYSTEM OF COMPONENT	VERIFICATION OF INSPECTION TASK	FREQUENCY (DURING TASK LISTED)		APPLICABLE CODE & SECTION FOR INSPECTION CRITERIA	
		CONTINUOUS	PERIODIC		
1) SOILS	a) VERIFY SOILS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X	--	
	b) VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH & HAVE REACHED PROPER MATERIAL	--	X	--	
	c) PERFORM CLASSIFICATION & TESTING OF CONTROLLED FILL MATERIALS	--	X	--	
	d) VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT & COMPLETION OF CONTROLLED FILL	X	--	--	
	e) OBSERVE SUBGRADE FOR PROPER PREPARATION BEFORE PLACEMENT OF CONTROLLED FILL	-	X	--	
	a) INSPECT REINFORCING STEEL	--	X	ACI 318: 3.5, 7.1-7.7	
2) CONCRETE	b) VERIFY USE OF REQUIRED DESIGN MIX	--	X	ACI 318: CH. 4, 5.2-5.4 IBC 1904.2	
	c) INSPECT REINFORCING STEEL WELDING	--	X	AWS D1.4 ACI 318: 3.5.2	
	d) FABRICATE TEST SPECIMENS FROM FRESH CONCRETE FOR STRENGTH TESTS, SLUMP & AIR CONTENT TESTS AND TO DETERMINE CONCRETE TEMPERATURE	X	--	ASTM C31 ACI 318: 5.6, 5.8	
	e) INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	--	ACI 318: 5.9, 5.10	
	f) INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES	--	X	ACI 318: 5.11- 5.13	
	g) INSPECT FORMWORK FOR SHAPE, LOCATION & DIMENSIONS OF CONCRETE MEMBERS BEING FORMED	--	X	ACI 318: 6.1.1	
	h) INSPECT ANCHORS CAST INTO CONCRETE.	--	X	ACI 318: 8.1.3, 21.2.8 IBC 1908.5, 1909.1	
	i) INSPECT ANCHORS POST-INSTALLED INTO HARDENED CONCRETE MEMBERS.	--	X	ACI 318: 3.8.6, 8.1.3, 21.2.8 IBC 1909.1	
	3) WOOD	a) INSPECT FABRICATED WOOD STRUCTURAL MEMBERS ASSEMBLED AT FABRICATOR'S SHOP OR PLANT.	--	X	--
		b) VERIFY MATERIAL SPECIES AND GRADES OF DIMENSIONAL LUMBER AND PLYWOOD OR G.S.B.	-	X	--
		c) VERIFY BOTTOM CHORD AND OTHER BRACING OF STRUCTURAL MEMBERS.	-	X	--
		d) INSPECT FOR PROPER FASTENING OF WOOD COMPONENTS.	-	X	IBC TABLE 2304.9.1
4) LATERAL BRACING SYSTEM	a) PERIODICALLY INSPECT NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, AND HOLDOWNS.	--	X	--	

5) STEEL	b) MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS & WASHERS	--	X	APPLICABLE ASTM MATERIAL SPEC. AISC 360, SECTION A3.3
	- IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	--
	- MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	--	X	--
	b) INSPECTION OF HIGH-STRENGTH BOLTING OF BEARING TYPE CONNECTIONS	--	X	AISC 360, SECTION M2.5 IBC SECTION 1704.3.3
	c) MATERIAL VERIFICATION OF STRUCTURAL STEEL	--	X	ASTM A6 OR A568 IBC SECTION 1708.4
	- IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	ASTM A6 OR A568 IBC SECTION 1708.4
	- MANUFACTURER'S CERTIFIED MILL TEST REPORTS	--	X	ASTM A6 OR A568 IBC SECTION 1708.4
	d) MATERIAL VERIFICATION OF WELD FILLER MATERIALS:	--	X	AISC 360, SECTION A3.5
	- IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS	--	X	--
	- MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	--	X	--
	e) INSPECTION OF WELDING	X	--	AWS D1.1 AISC 360 NS.4-N5.5
	1) COMPLETE & PARTIAL PENETRATION GROOVE WELDS	X	--	AWS D1.1 AISC 360 NS.4-N5.5
2) MULTI-PASS FILLET WELDS	X	--	AWS D1.1 AISC 360 NS.4-N5.5	
3) SINGLE PASS FILLET WELDS > 5/16"	X	--	AWS D1.1 AISC 360 NS.4-N5.5	
4) SINGLE PASS FILLET WELDS < 5/16"	--	X	AWS D1.1 AISC 360 NS.4-N5.5	
5) FLOOR & ROOF DECK WELDS	--	X	AWS D1.3	
f) STUD SHEAR CONNECTOR SIZES, SPACING, MATERIALS & QUANTITY	X	--	AISC 360, SECTION N6	
g) WELDING OF STUD SHEAR CONNECTORS	--	X	AWS D1.1	
h) INSPECT STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS	--	X	AISC 360 NS.7	
6) MASONRY	a) VERIFY FIN OF CONCRETE MASONRY UNITS PRIOR TO CONSTRUCTION.	--	X	ACI 530: Art. 2.6A
	b) AS MASONRY CONSTRUCTION BEGINS VERIFY THE FOLLOWING TO ENSURE COMPLIANCE:	--	X	ACI 530: Art. 1.4B
	- PROPORTIONS OF SITE - PREPARED MORTAR	--	X	ACI 530: Art. 3.3B
	- CONSTRUCTION OF MORTAR JOINTS	--	X	ACI 530: Art. 3.4, 3.6A
	- LOCATION OF REINFORCEMENT CONNECTORS & ANCHORAGES	--	X	ACI 530: Art. 3.4, 3.6A
	c) THE INSPECTION PROGRAM SHALL VERIFY:	--	X	ACI 530: Art. 3.3B
	- SIZE & LOCATION OF STRUCTURAL ELEMENTS	--	X	ACI 530: SECTION 1.22(e), 7.1.4, 3.1.6
	- TYPE, SIZE & LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS	--	X	ACI 530: SECTION 1.13, Art. 2.4, 3.4
	- SPECIFIED SIZE, GRADE, AND TYPE OF REINFORCEMENT	X	--	ACI 530: SECTION 2.1.10.7.2, 3.3.34(B)
	- WELDING OF REINFORCING BARS	X	--	IBC 2104.3, 2104.4 ACI 530 Art. 1.8C, 1.8D
	- PROTECTION OF MASONRY DURING COLD WEATHER (TEMP. BELOW 40°F) OR HOT WEATHER (TEMP ABOVE 90°F)	--	X	ACI 530: Art. 3.2D
	d) PRIOR TO GROUTING, VERIFY THE FOLLOWING TO ENSURE COMPLIANCE:	--	X	ACI 530: SECTION 1.13, Art. 2.4
	- GROUT SPACE IS CLEAR	--	X	ACI 530: Art. 2.6B
	- PLACEMENT OF REINFORCEMENT, CONNECTORS & ANCHORAGES	--	X	ACI 530: Art. 3.3B
	- PROPORTIONS OF SITE PREPARED GROUT	--	X	ACI 530: Art. 3.5
	- CONSTRUCTION OF MORTAR JOINTS	X	--	ACI 530: Art. 3.5
	e) VERIFY GROUT PLACEMENT TO ENSURE COMPLIANCE WITH CODE & CONSTRUCTION DOCUMENT PROVISIONS.	X	--	IBC 2105.2.2, 2105.3
	f) OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR FRISHS	--	X	ACI 530: Art. 1.4
g) VERIFY COMPLIANCE WITH INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND COMPLIANCE WITH THE APPROVED SUBMITTALS	--	X	ACI 530: Art. 1.5	



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SCHEDULE OF SPECIAL INSPECTIONS

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 PROJECT STATUS: B.P. 3

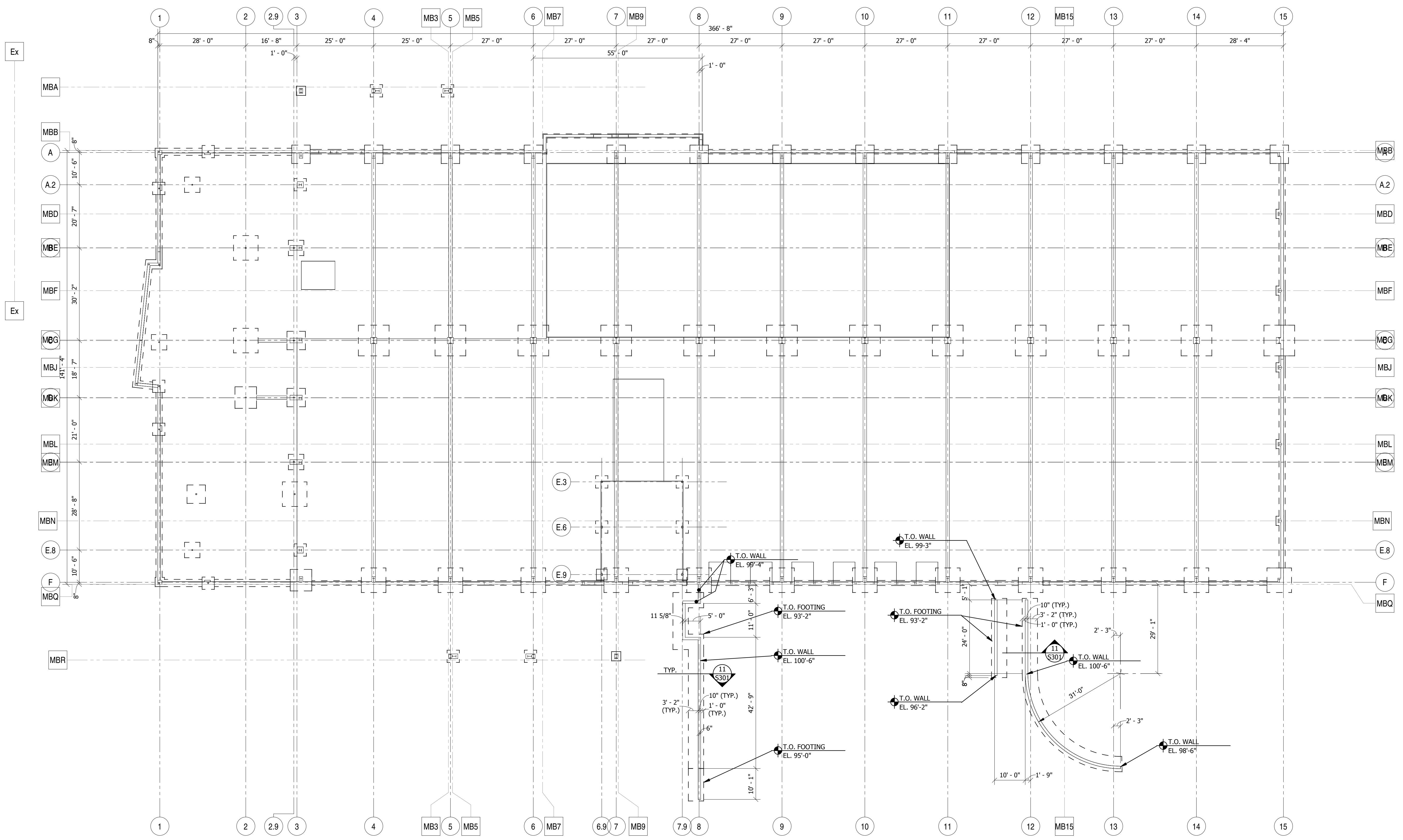
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 PROJECT NO: **S002**



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OVERALL FOUNDATION PLAN

1/16" = 1'-0" NORTH

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2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

OVERALL FOUNDATION PLAN

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PROJECT STATUS: B.P. 3

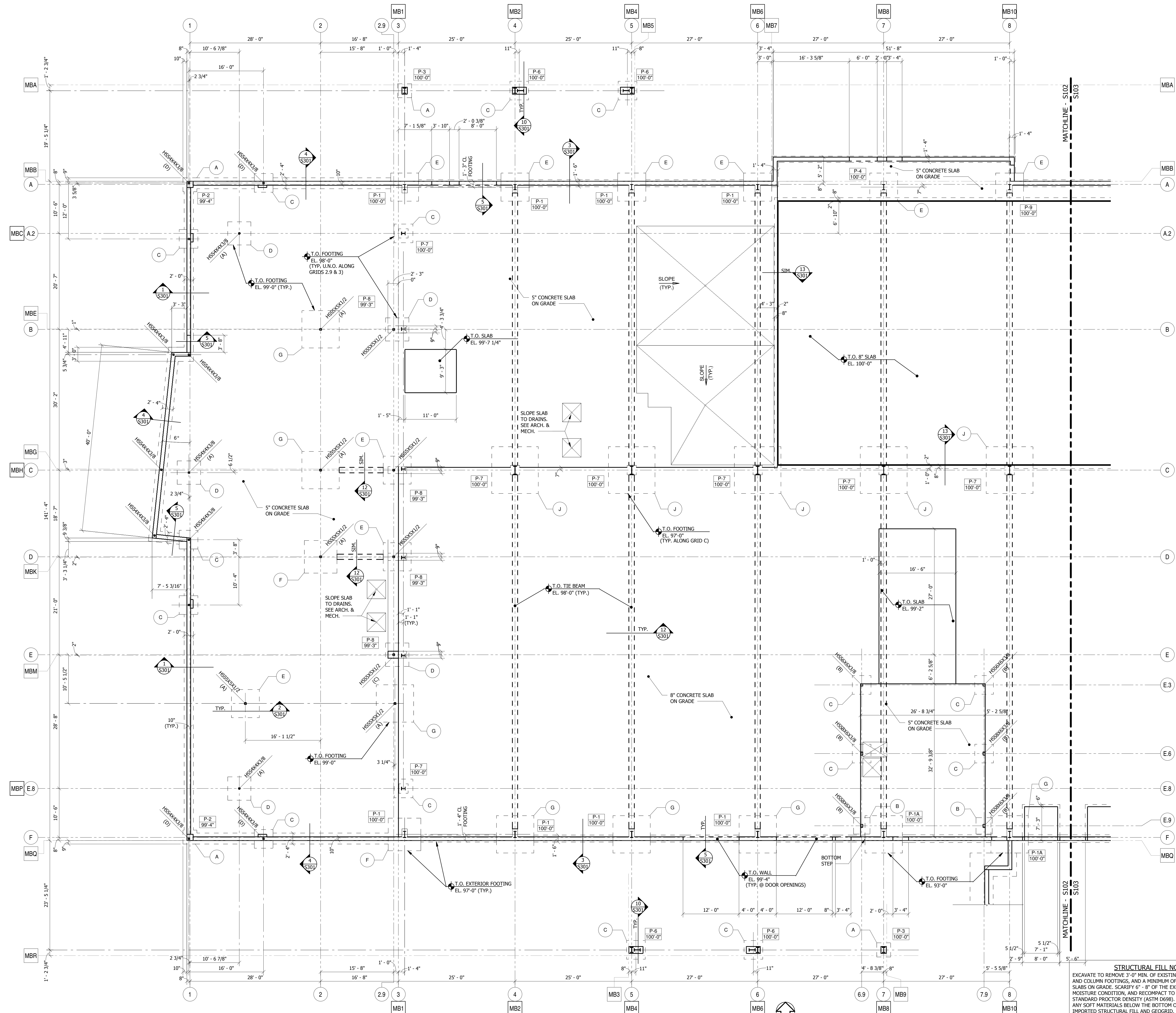
DATE: 06/15/21 SHEET NO:
PROJECT NO: 21.029 **S101**

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NOTE:
 FOUNDATION DESIGN IS BASED UPON PRELIMINARY METAL BUILDING FRAME AND
 ENDWALL LAYOUTS AND PRELIMINARY COLUMN REACTIONS. FINAL METAL BUILDING
 REACTIONS AND ANCHOR BOLT LOCATIONS MUST BE MADE AVAILABLE TO THE
 STRUCTURAL ENGINEER FOR COORDINATION WITH FOUNDATION ASSUMPTIONS AND
 REVISIONS TO FOUNDATION DRAWINGS AS NEEDED PRIOR TO CONSTRUCTION.

FOUNDATION PLAN - WEST
 1/8" = 1'-0" NORTH

1. TOP OF SLAB ELEVATION = 100'-0" (TYP. U.N.O.).
2. REINFORCE 5" CONCRETE SLABS ON GRADE WITH #4 @ 16 EACH WAY, PLACE IN TOP HALF OF SLAB.
3. REINFORCE 8" CONCRETE SLABS ON GRADE WITH #5 @ 12 EACH WAY, TOP AND BOTTOM.
4. VERIFY DOOR OPENING LOCATIONS AND DIMENSIONS AGAINST ARCHITECTURAL DRAWINGS PRIOR TO CONSTRUCTION.

STRUCTURAL FILL NOTES
 EXCAVATE TO REMOVE 3'-0" MIN. OF EXISTING SOILS BELOW WALL
 AND COLUMN FOOTINGS, AND A MINIMUM OF 2'-6" BELOW INTERIOR
 SLABS ON GRADE. SCARIFY 6" - 8" OF THE EXPOSED SUBGRADE,
 MOISTURE CONDITION, AND RECOMPACT TO A MINIMUM OF 95%
 STANDARD PROCTOR DENSITY (ASTM D698). REMOVE AND REPLACE
 ANY SOFT MATERIALS BELOW THE BOTTOM OF EXCAVATION WITH
 IMPORTED STRUCTURAL FILL AND GEOSGRID, IF REQUIRED, PER THE
 SOILS REPORT. REPLACE THE REMOVED SOILS WITH IMPORTED
 STRUCTURAL FILL CONSISTING OF 1/4" MINUS CRUSHER FINES OR
 COOT CLASS 6 MATERIAL, MOISTURE CONDITIONED AND COMPACTED
 TO A MINIMUM 95% STANDARD PROCTOR DENSITY (ASTM D698) IN 8"
 MAXIMUM LIFTS. STRUCTURAL FILL MATERIAL BELOW WALL AND
 COLUMN FOOTINGS SHALL EXTEND 3'-0" MIN. HORIZONTALLY FROM
 EACH EDGE OF THE FOOTINGS. SEE SOILS REPORT.

FOOD BANK OF THE ROCKIES

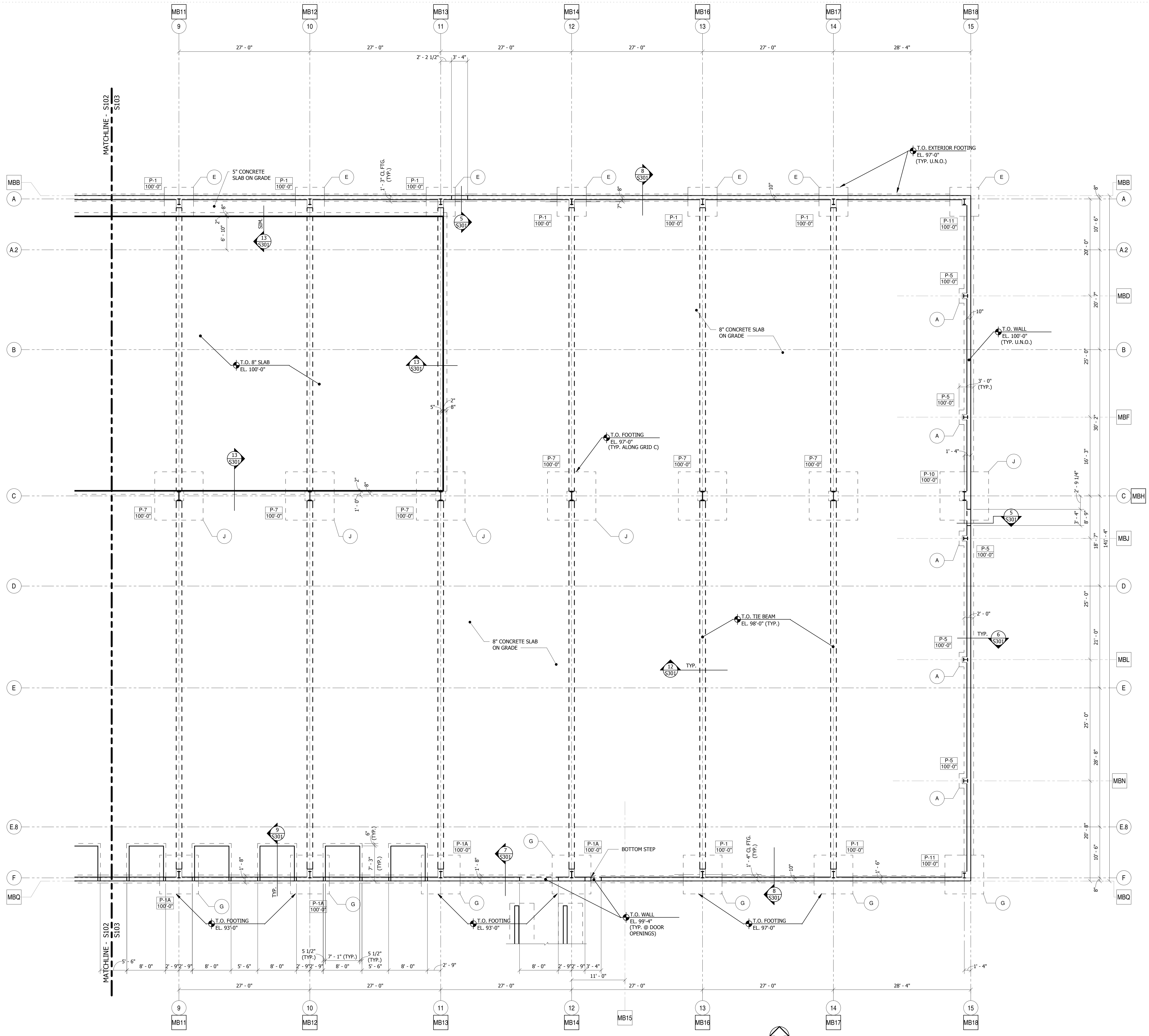
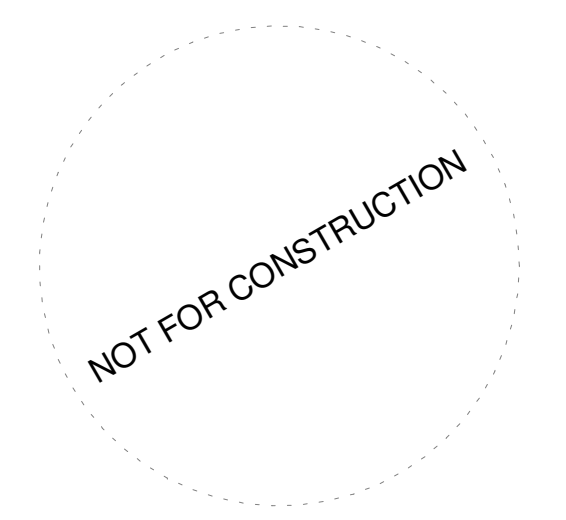
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FOUNDATION PLAN - WEST

NO. ISSUED FOR: DATE:
 PROJECT STATUS: B.P. 3

DATE: **06/15/21** SHEET NO:
S102

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NOTE:
 FOUNDATION DESIGN IS BASED UPON PRELIMINARY METAL BUILDING FRAME AND ENDWALL LAYOUT AND PRELIMINARY COLUMN REACTIONS. FINAL METAL BUILDING REACTIONS AND ANCHOR BOLT LOCATIONS MUST BE MADE AVAILABLE TO THE STRUCTURAL ENGINEER FOR COORDINATION WITH FOUNDATION ASSUMPTIONS AND REVISIONS TO FOUNDATION DRAWINGS AS NEEDED PRIOR TO CONSTRUCTION.

FOUNDATION PLAN - EAST
 1/8" = 1'-0"
 NORTH

STRUCTURAL FILL NOTES
 EXCAVATE TO REMOVE 3'-0" MIN. OF EXISTING SOILS BELOW WALL AND COLUMN FOOTINGS, AND A MINIMUM OF 2'-6" BELOW INTERIOR SLABS ON GRADE. SCARIFY 6" - 8" OF THE EXPOSED SUBGRADE, MOISTURE CONDITION, AND RECOMPACT TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY (ASTM D698). REMOVE AND REPLACE ANY SOFT MATERIALS BELOW THE BOTTOM OF EXCAVATION WITH IMPORTED STRUCTURAL FILL AND GEGRID, IF REQUIRED, PER THE SOILS REPORT. REPLACE THE REMOVED SOILS WITH IMPORTED STRUCTURAL FILL CONSISTING OF 1/4" MINUS CRUSHER FINES OR CDOT CLASS 6 MATERIAL, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM 95% STANDARD PROCTOR DENSITY (ASTM D698) IN 8" MAXIMUM LIFTS. STRUCTURAL FILL MATERIAL BELOW WALL AND COLUMN FOOTINGS SHALL EXTEND 3'-0" MIN. HORIZONTALLY FROM EACH EDGE OF THE FOOTINGS. SEE SOILS REPORT.

FOOD BANK OF THE ROCKIES

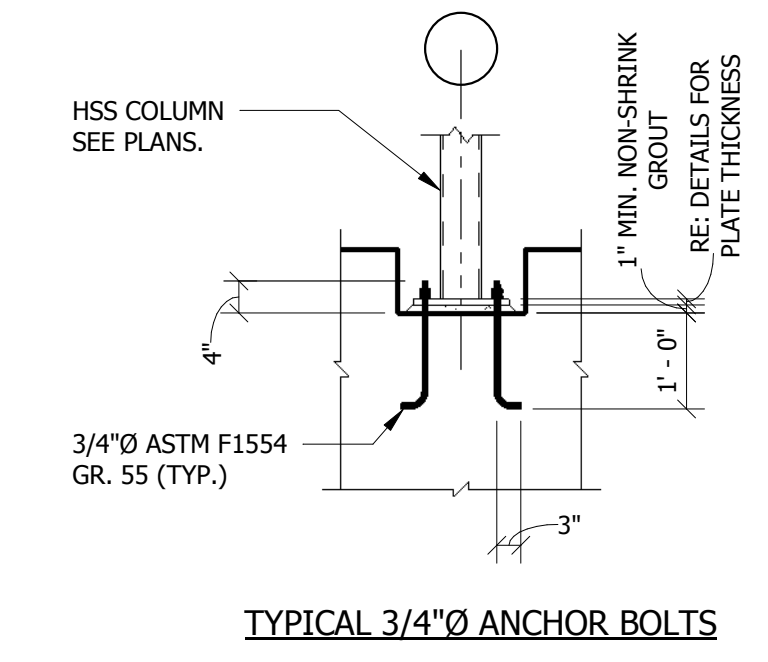
2295 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

FOUNDATION PLAN - EAST

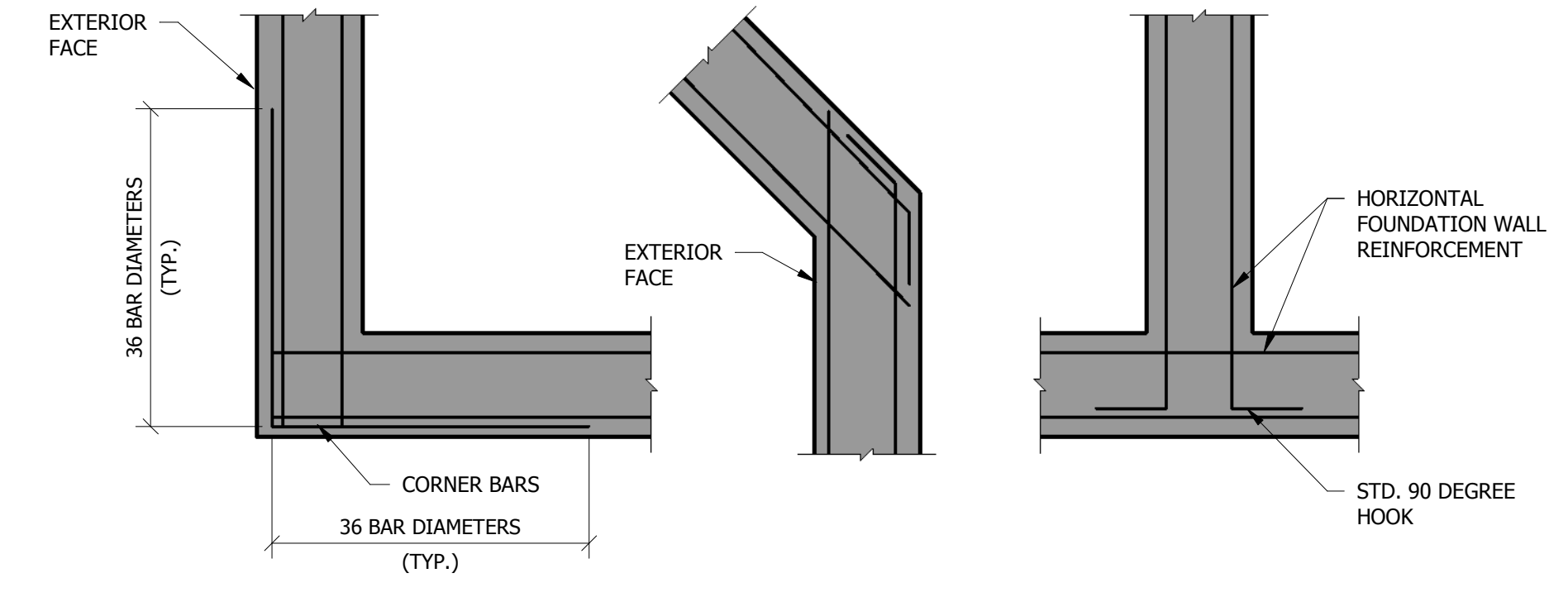
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DATE: **06/15/21** SHEET NO.:
 PROJECT NO: **S103**

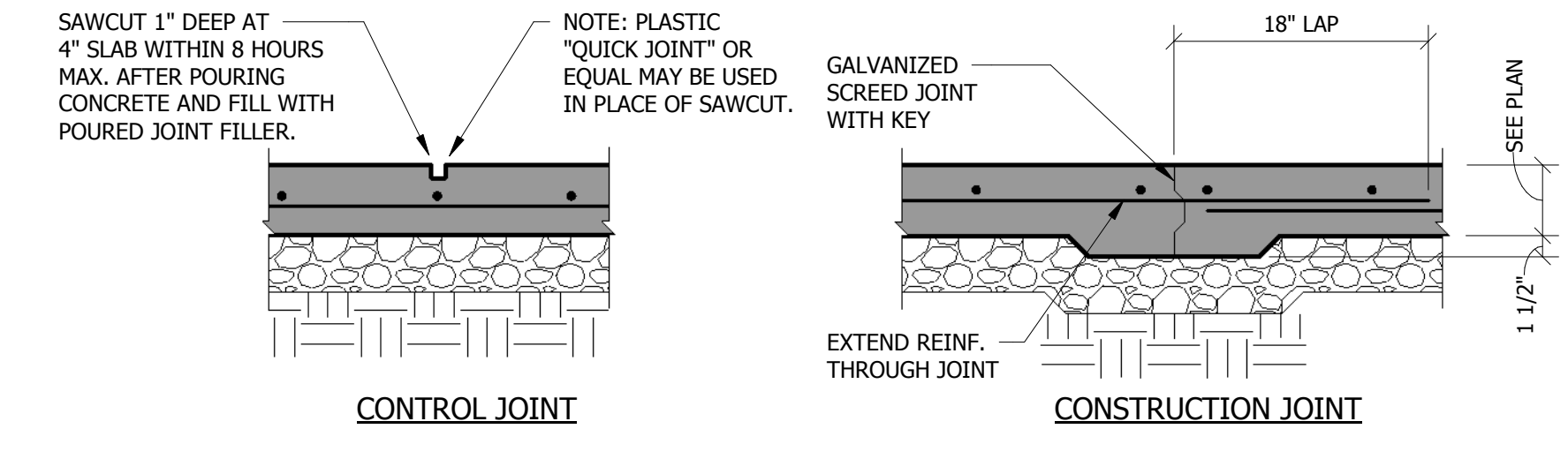
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TYPICAL ANCHOR BOLT DETAILS 1/2" = 1'-0"



TYPICAL CORNER DETAILS 1" = 1'-0"



TYPICAL SLAB JOINT DETAILS 1" = 1'-0"

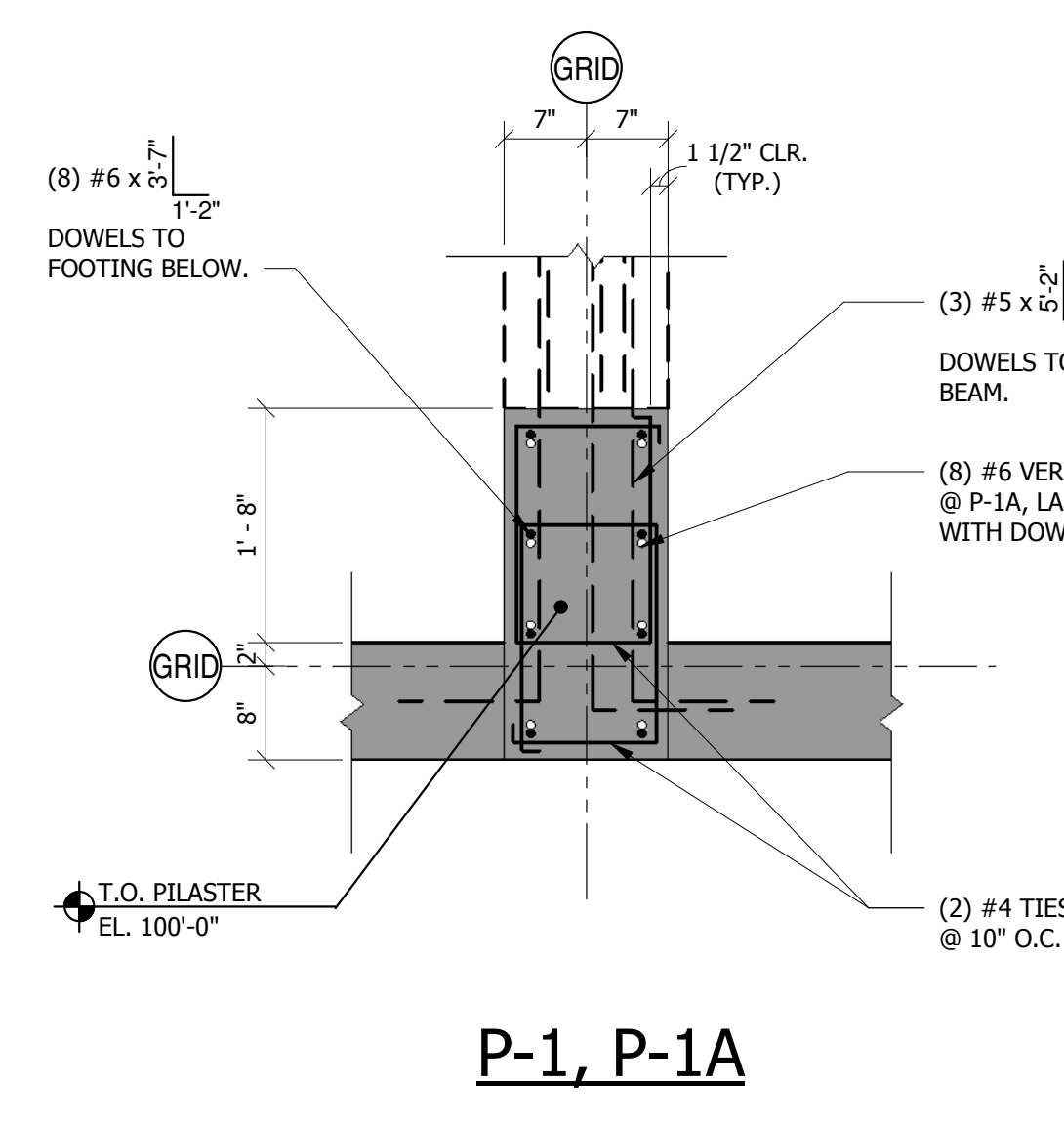
DIAMETER	LENGTH (L)	HOOK (b)	PROJECTION (p)
5/8"Ø	1'-6"	3"	3"
3/4"Ø	1'-6"	4"	3"
1"Ø	2'-0"	4"	3"
1 1/4"Ø	2'-6"	4"	3"

- ALL ANCHOR ROD MATERIAL SHALL CONFORM TO ASTM F1554, GRADE 55.
- RE: BUILDING MANUFACTURER'S BASE PLATE DETAILS FOR ANCHOR BOLT LOCATIONS & SPACING.

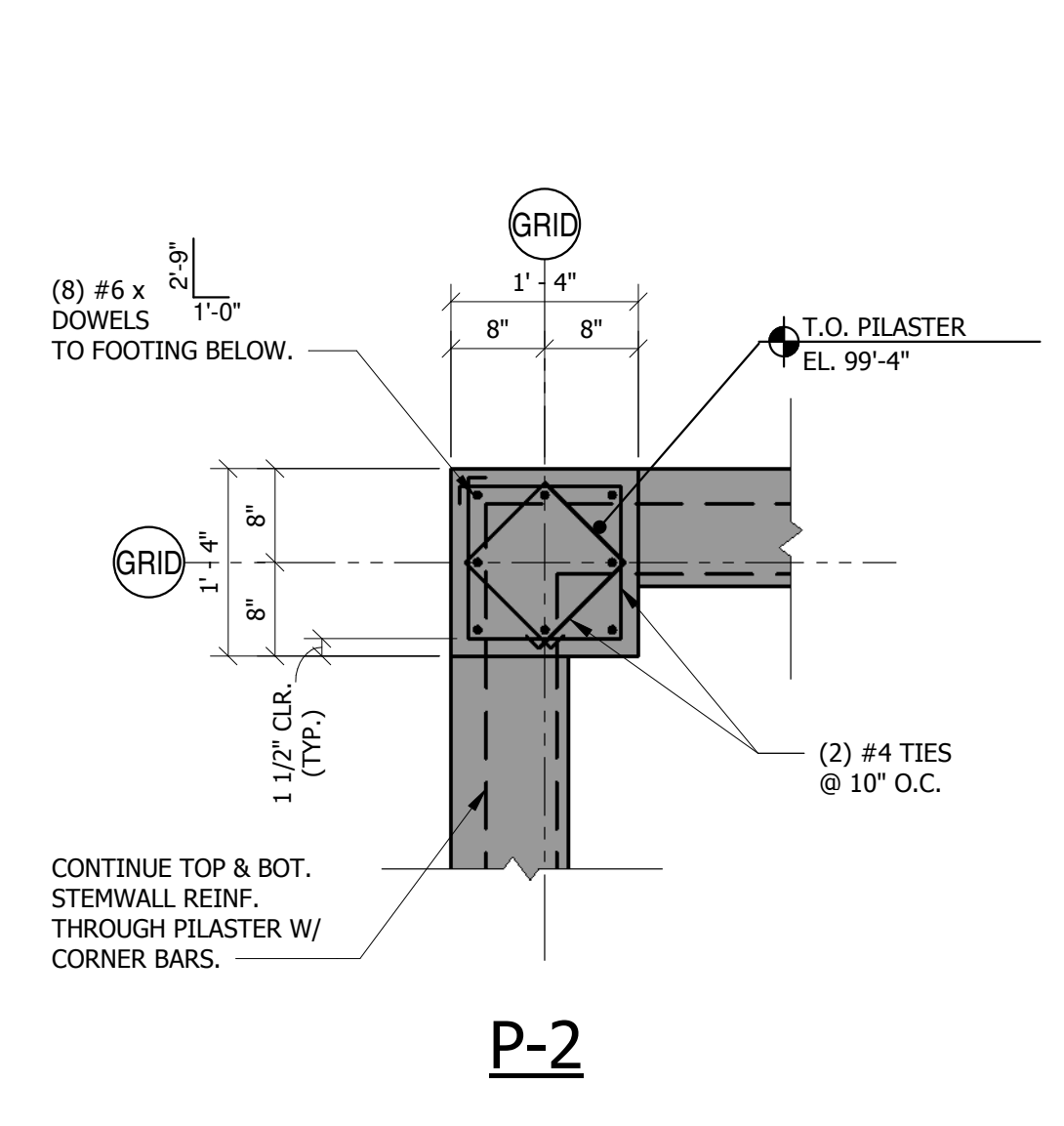
USE	PLYWOOD THICKNESS	SPAN/INDEX RATIO	EDGE NAILING	INTERIOR NAILING	HOLD DOWN / END STUD	ANCHOR BOLT	STUD BOLT
FLOOR	3/4" T.&G.	24	8d @ 6" O.C.	8d @ 12" O.C.	--	--	--
SLOPED ROOF	19/32"	32/16	10d @ 4" O.C. (BOUNDARIES) 10d @ 6" O.C. (ALL OTHER EDGES)	10d @ 12" O.C.	--	--	--
WALL (TYP.)	15/32"	24/0	8d @ 6" O.C.	8d @ 12" O.C.	--	--	--
SHEAR WALL:	15/32"	24/0	10d @ 6" O.C.	10d @ 12" O.C.	"HD7B" (2) 2x6 STUDS	7/8"Øx 1/4" (3) 3/4"Ø THRU-BOLTS	

- PLYWOOD FOR ROOFS, FLOORS, AND SHEAR WALL SHEATHING SHALL BE APA GRADE TRADEMARKED CDX W/ EXTERIOR GLUE. LAY UP PLYWOOD W/ FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ALL WALLS SHALL BE COMMON NAILS; RING SHANKED FOR ROOF AND FLOOR SHEATHING. REFER TO TABLE ABOVE FOR USE REQUIREMENTS.
- OSB SHEATHING MAY BE USED AS AN ALTERNATE TO PLYWOOD W/ PRIOR APPROVAL OF OWNER AND CONTRACTOR. OSB SHEATHING SHALL COMPLY WITH THE APA PLYWOOD DESIGN SPECIFICATION AND SHALL HAVE A SPAN RATING EQUIVALENT TO, OR BETTER, THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN 1/32") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES.
- ALL EDGES OF ROOF SHEATHING SHALL BE BLOCKED WITH A 2" NOMINAL WOOD FRAMING MEMBER.
- AT ABUTTING SHEAR WALL PANEL EDGES, STUDS SHALL BE NO LESS THAN A SINGLE 3" NOMINAL MEMBER AND NAILS SHALL BE STAGGERED.
- PROVIDE (3) 2" NOMINAL STUDS AND HOLDOWNS AT EACH END OF SHEAR WALL (TYP. U.N.O.).
- HOLDOWNS LISTED ARE BY SIMPSON STRONG-TIE. ALTERNATES MUST BE EQUIVALENT AND MUST BE APPROVED BY THE STRUCTURAL ENGINEER.
- HEADED ANCHOR BOLTS AT HOLDOWNS SHALL CONFORM TO ASTM F1554 GRADE 55. ANCHORS SHALL HAVE A MINIMUM EMBEDMENT OF 2'-0" AND SHALL HAVE A MINIMUM PROJECTION OF 6".
- PROVIDE CONSTRUCTION ADHESIVE BETWEEN TOP OF FLOOR JOISTS AND PLYWOOD SUB-FLOOR.

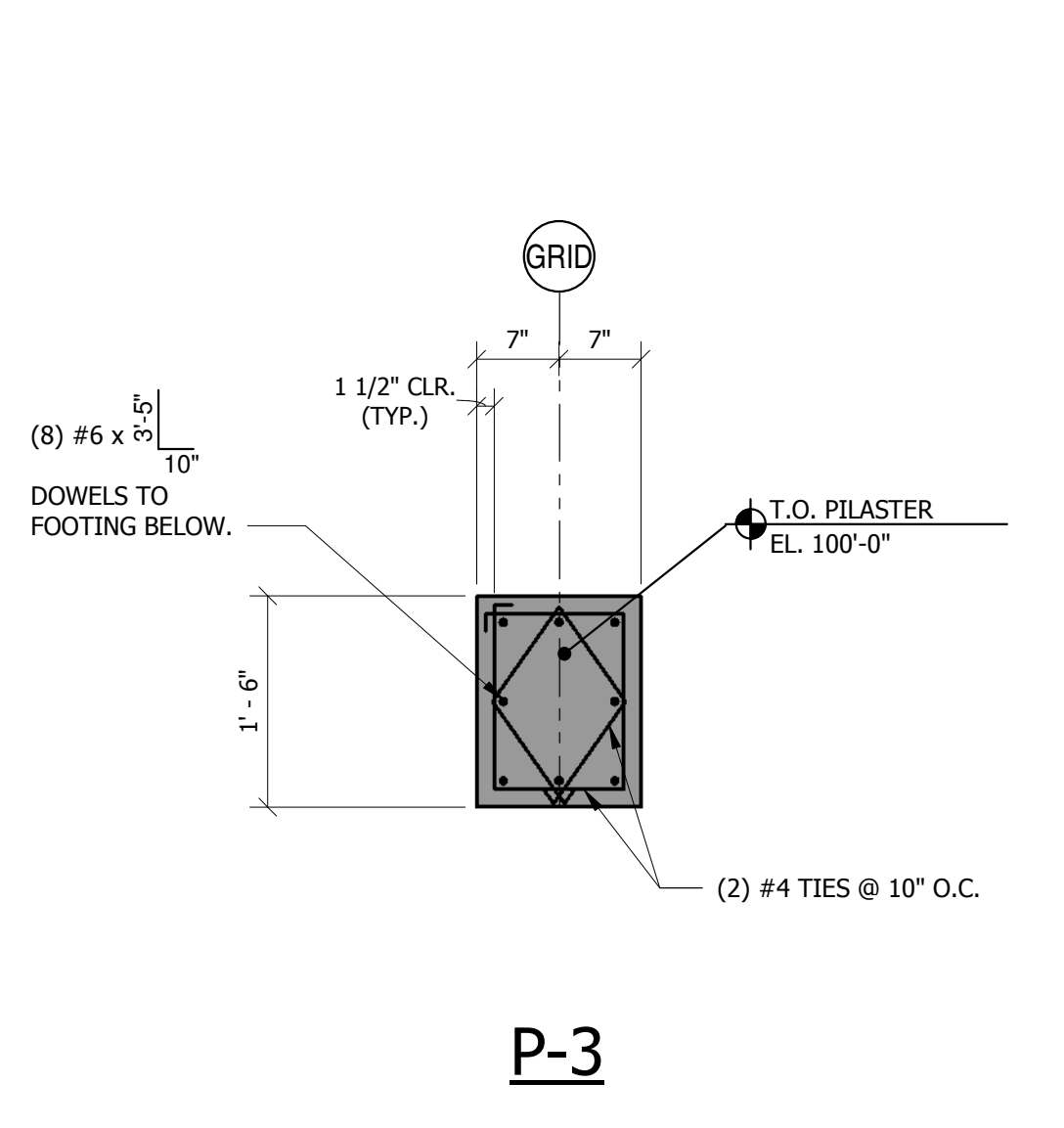
MARK	SIZE	REINFORCEMENT	REMARKS
A	3'-0" x 3'-0" x 0'-10"	(4) #5 EACH WAY BOTTOM EQUAL SPACING	
B	3'-6" x 3'-6" x 0'-10"	(4) #5 EACH WAY BOTTOM EQUAL SPACING	
C	4'-0" x 4'-0" x 1'-0"	(3) #5 EACH WAY BOTTOM EQUAL SPACING	
D	5'-0" x 5'-0" x 1'-0"	(6) #6 EACH WAY BOTTOM EQUAL SPACING	
E	6'-0" x 6'-0" x 1'-0"	(8) #5 EACH WAY BOTTOM EQUAL SPACING	
F	7'-0" x 7'-0" x 1'-0"	(8) #5 EACH WAY BOTTOM EQUAL SPACING	
G	8'-0" x 8'-0" x 1'-2"	(10) #5 EACH WAY BOTTOM EQUAL SPACING	
J	10'-0" x 10'-0" x 1'-4"	(10) #5 EACH WAY BOTTOM EQUAL SPACING	



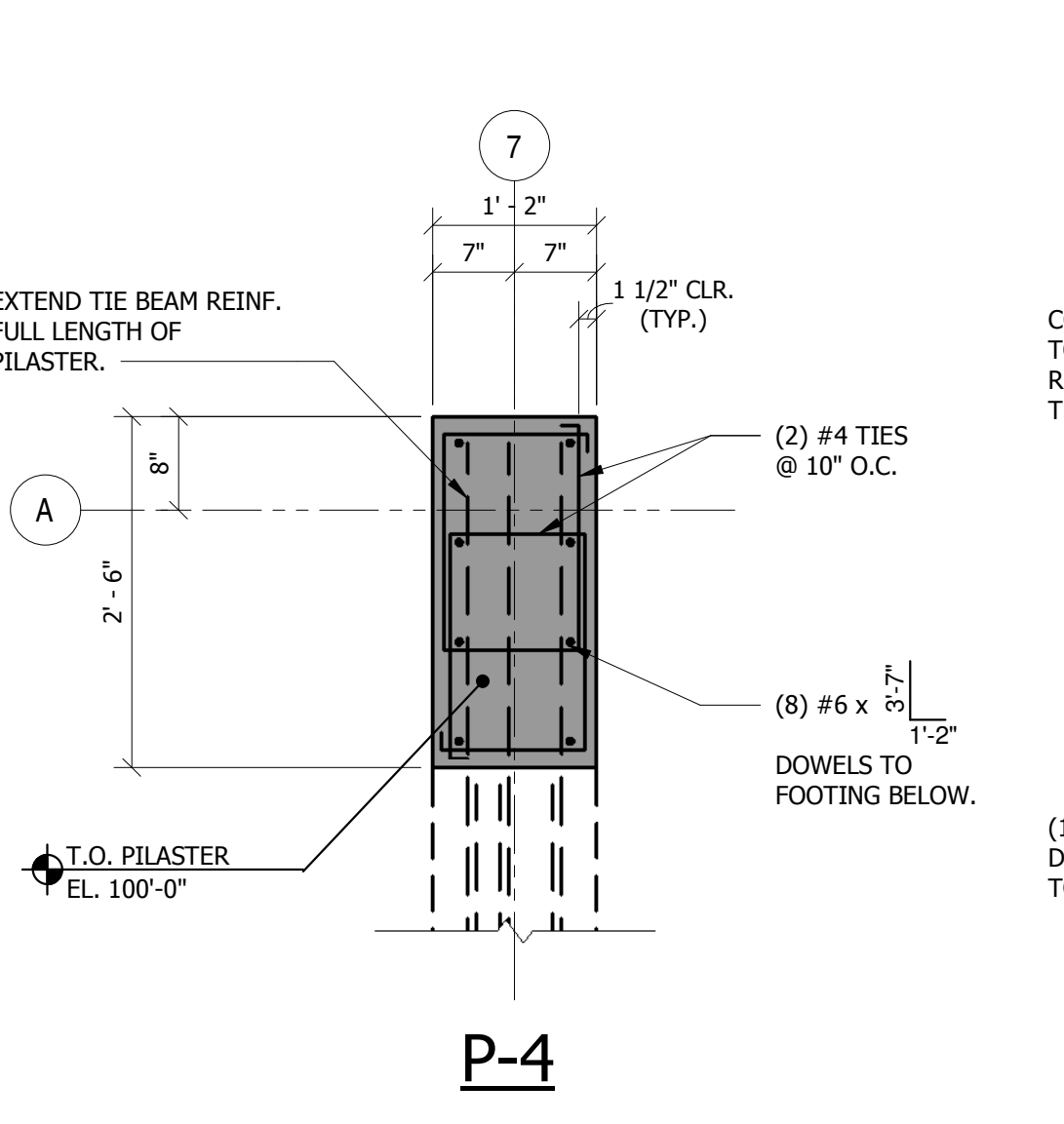
P-1, P-1A



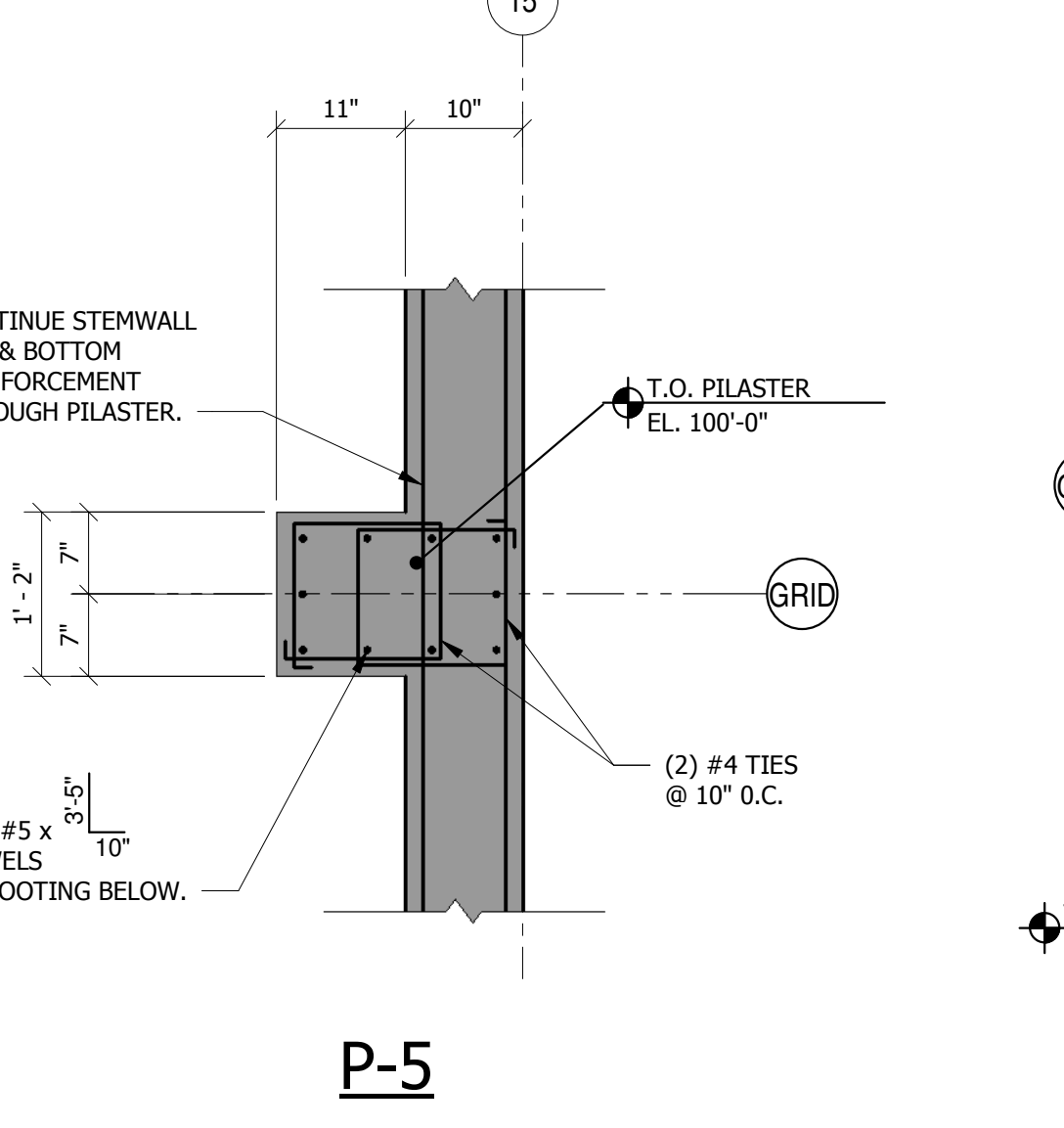
P-2



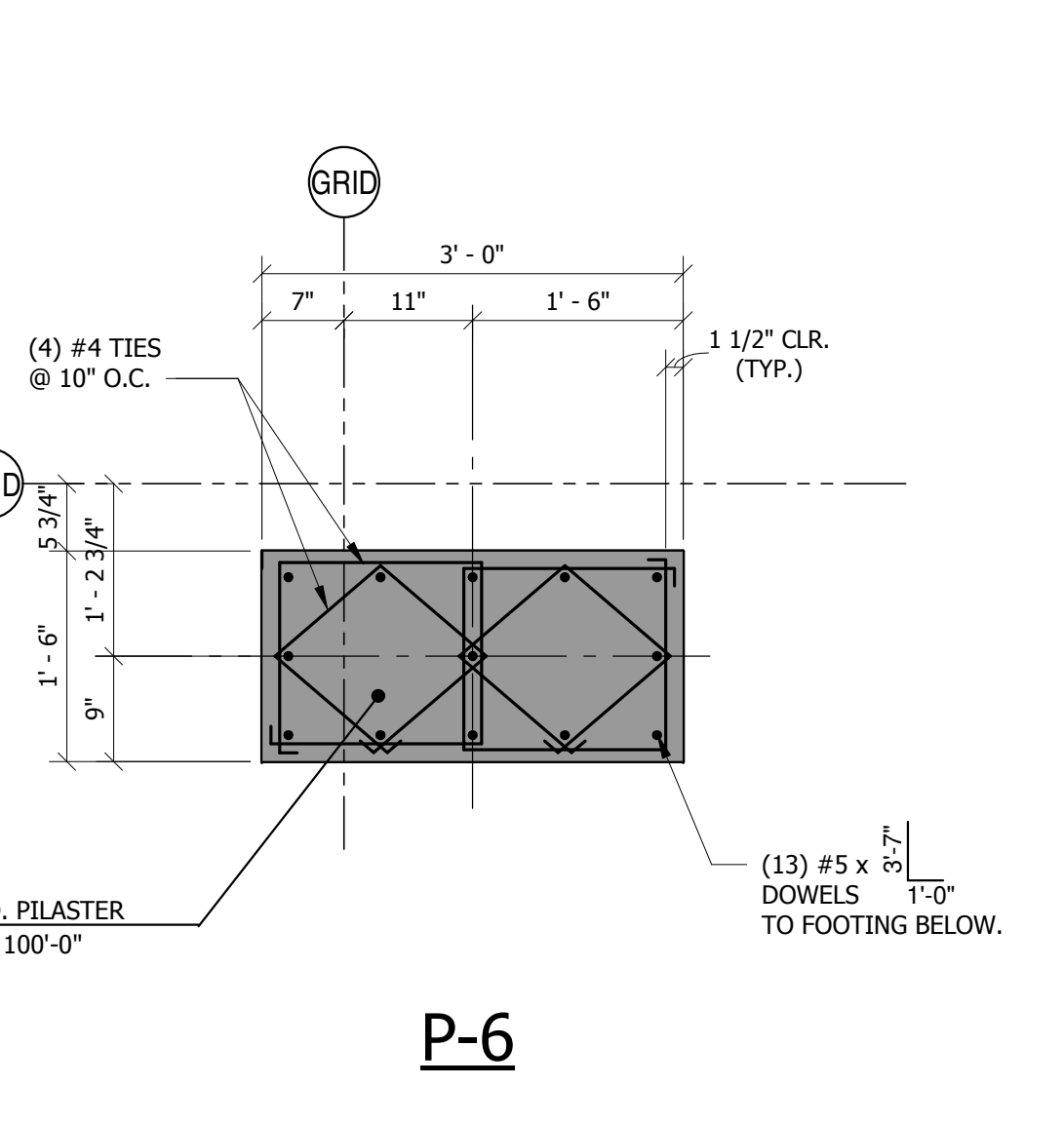
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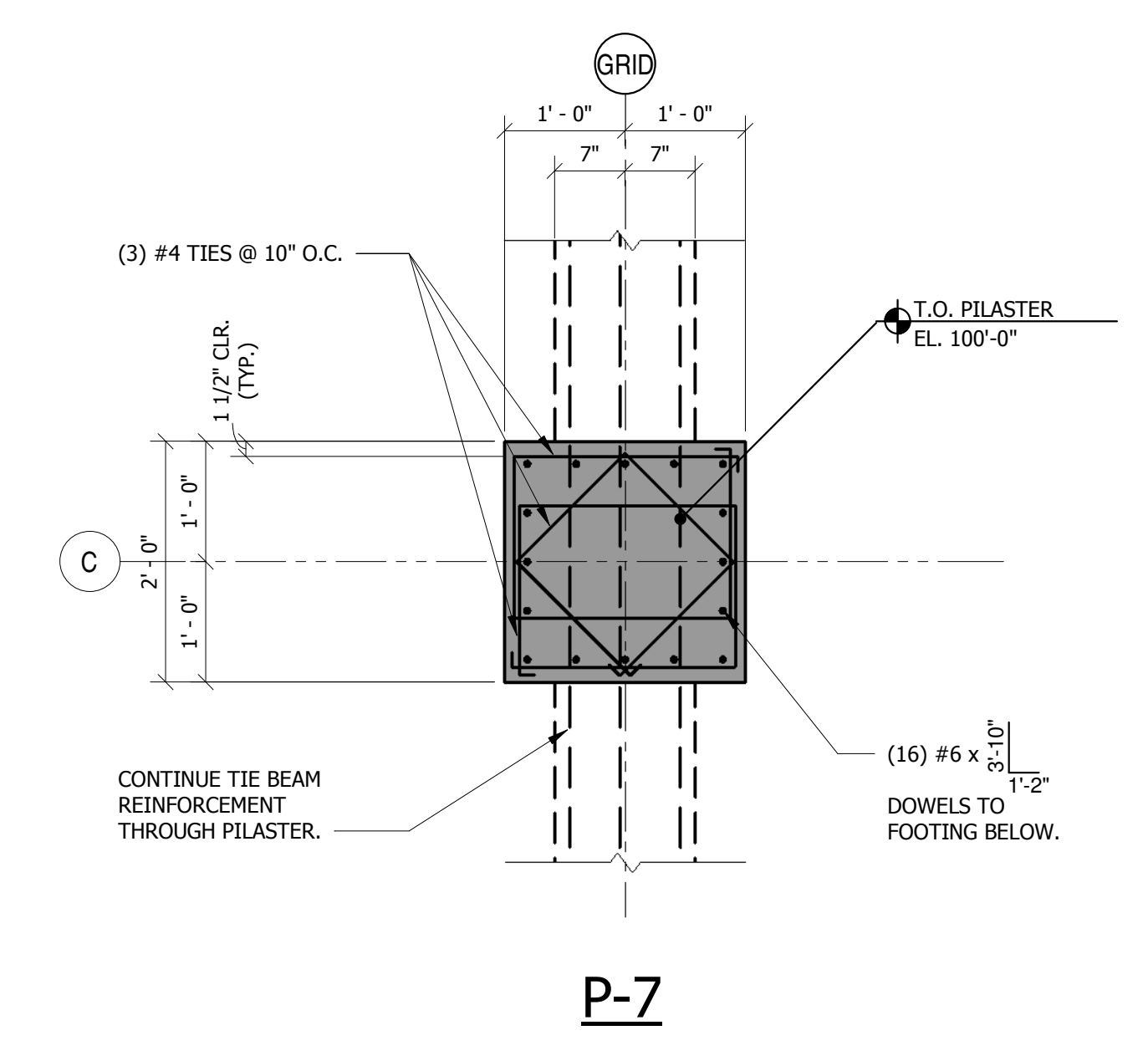
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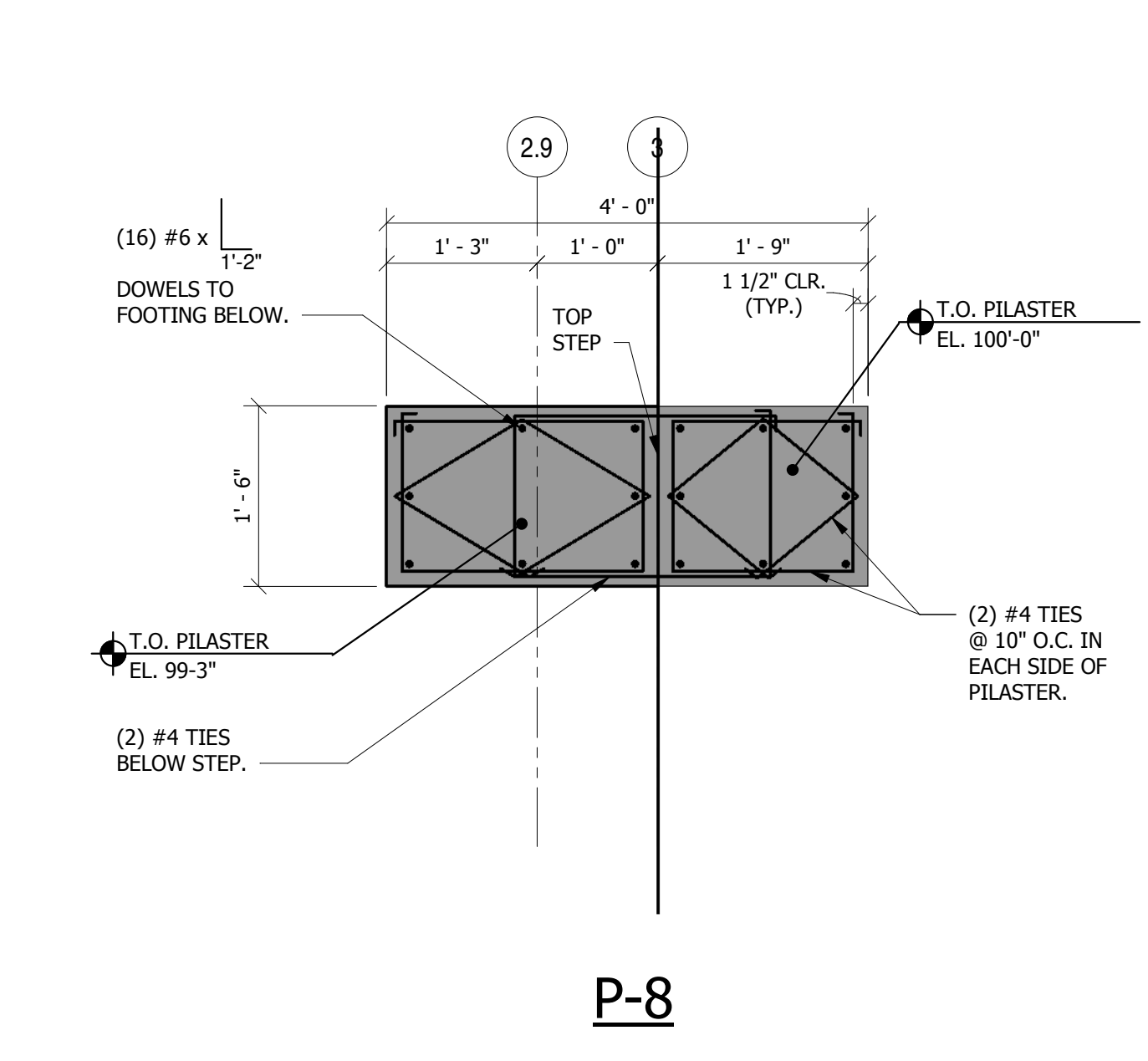
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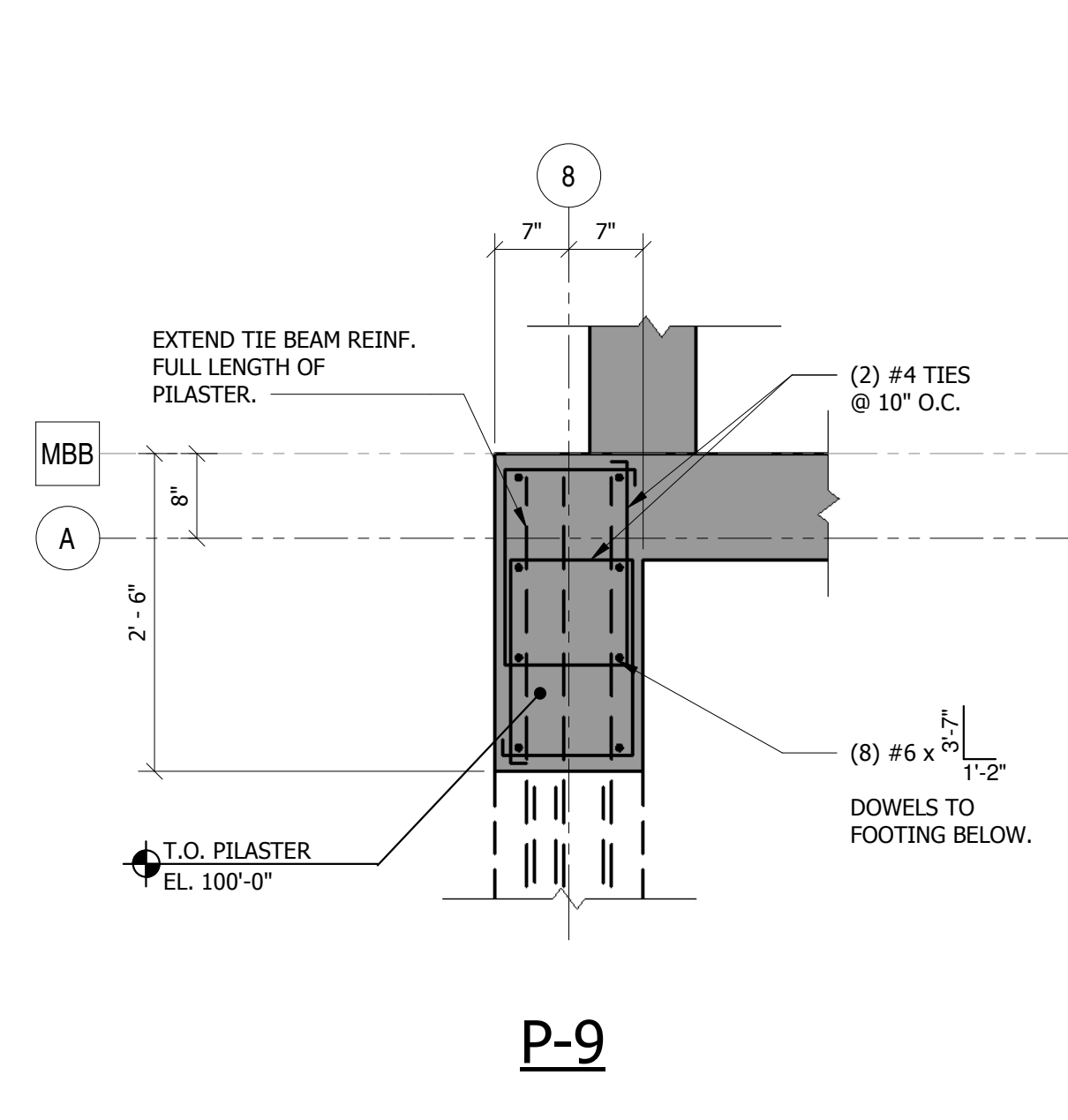
P-6



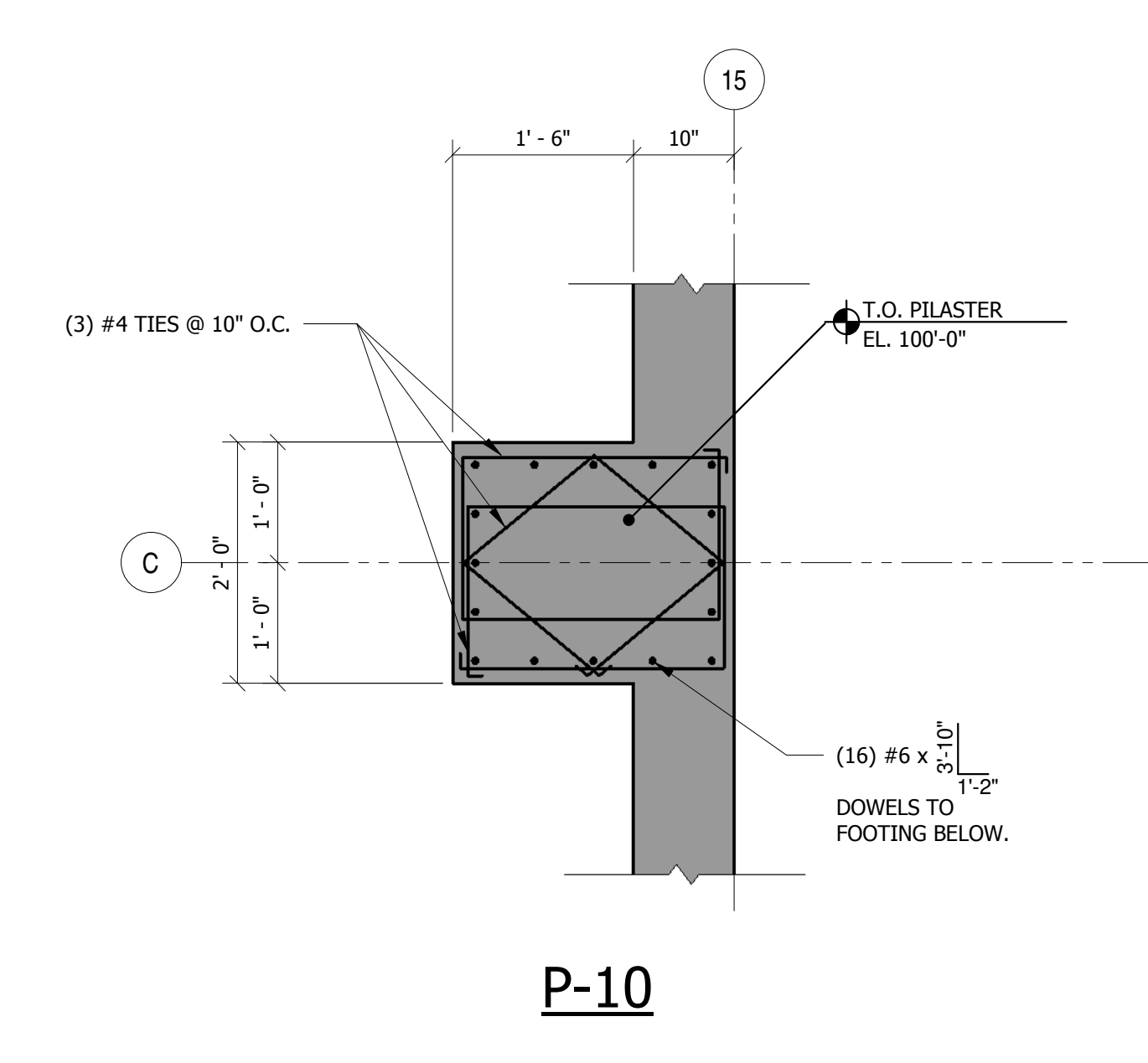
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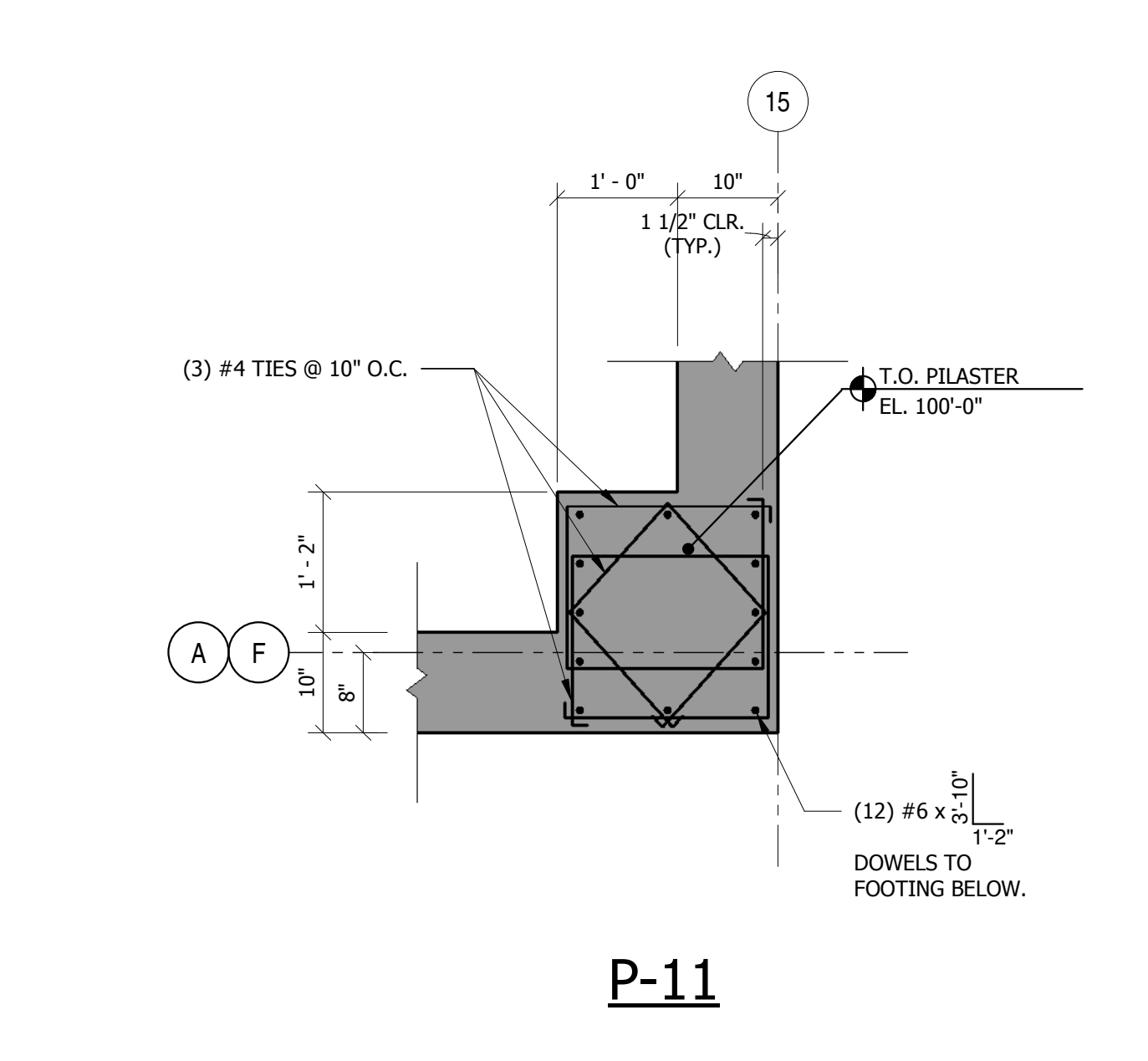
P-8



P-9



P-10



P-11

TYPICAL PILASTER DETAILS 3/4" = 1'-0"

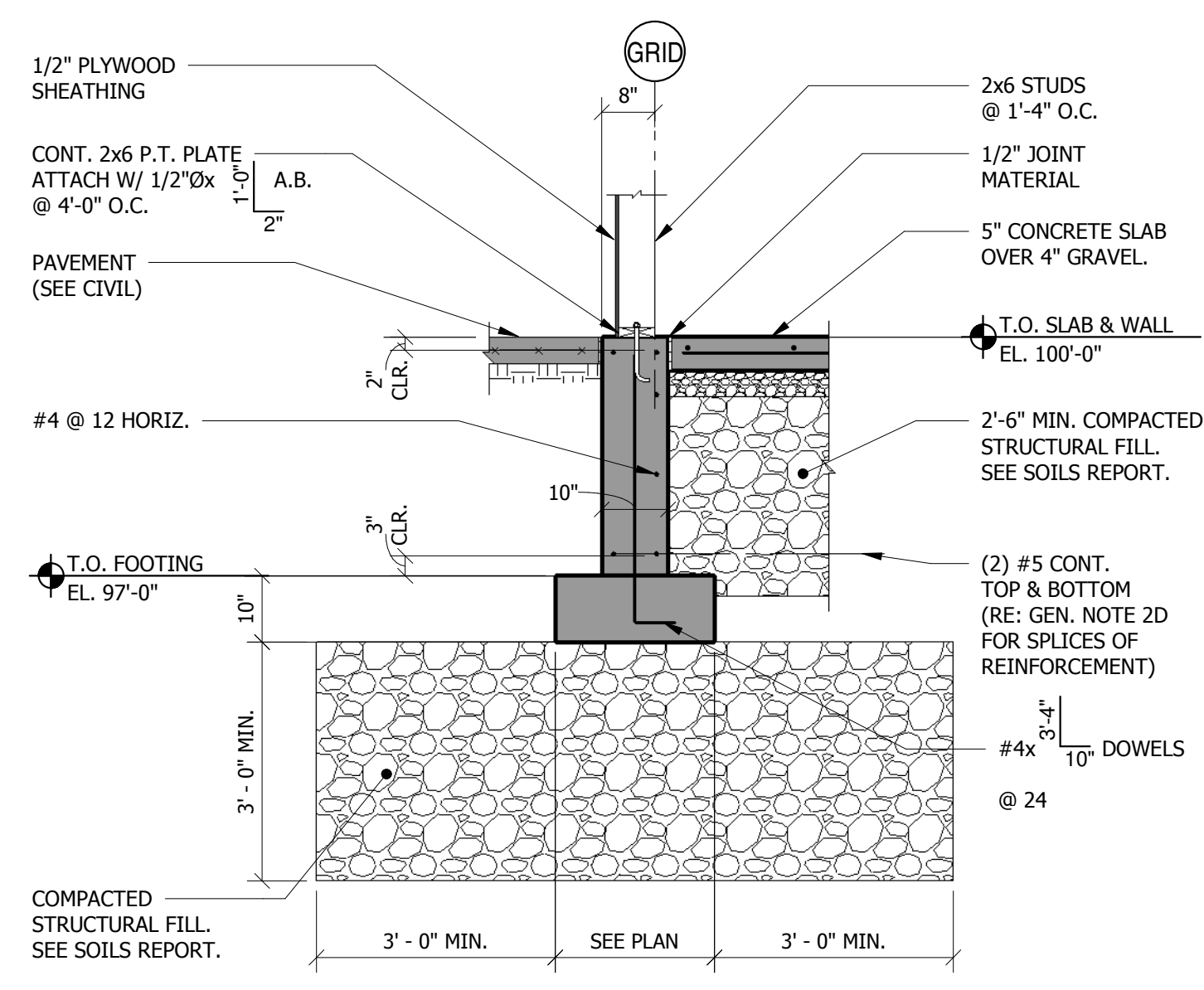
FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

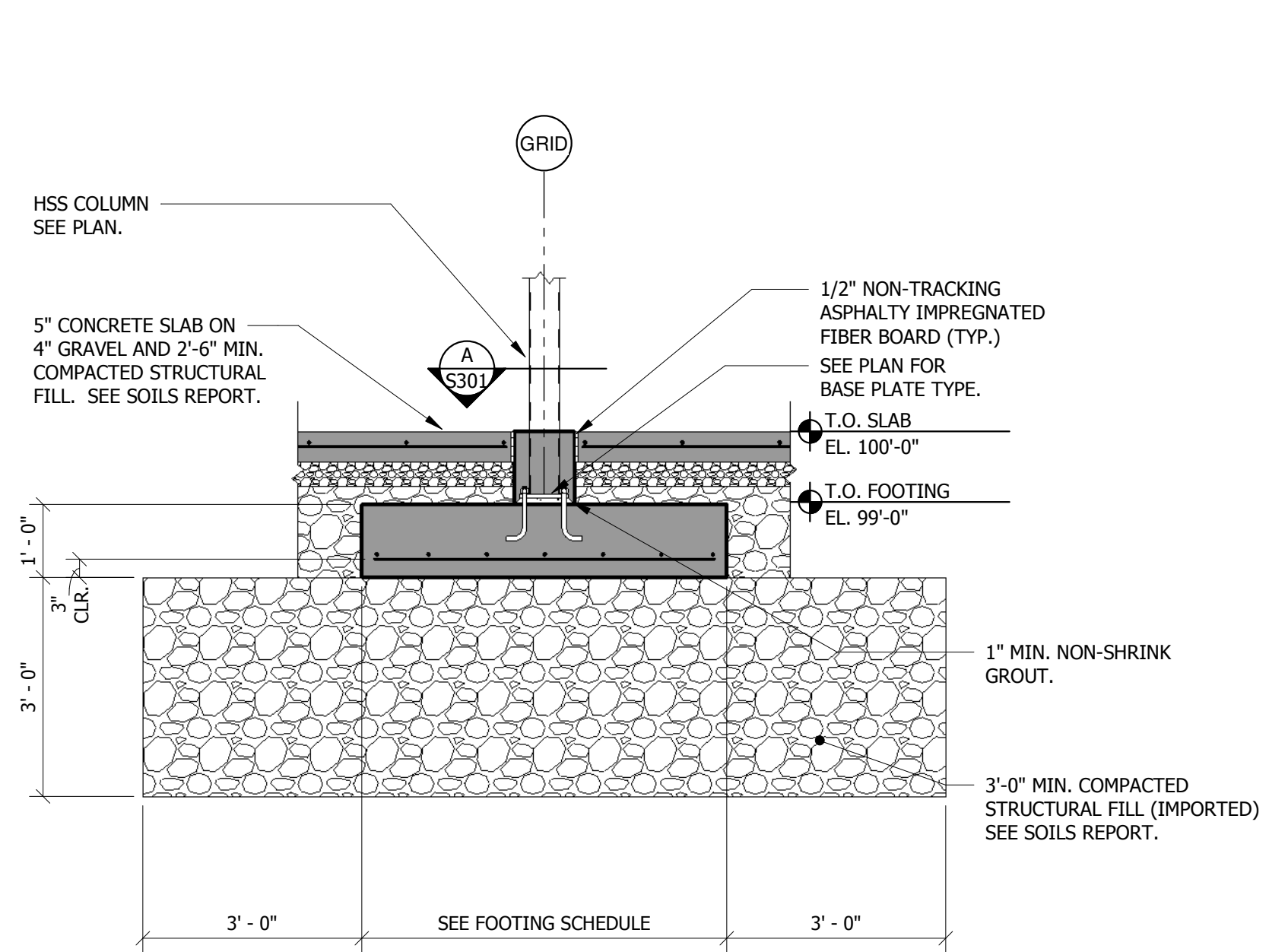
TYPICAL FOUNDATION & FRAMING DETAILS

NO. ISSUED FOR: DATE:
PROJECT STATUS: B.P. 3

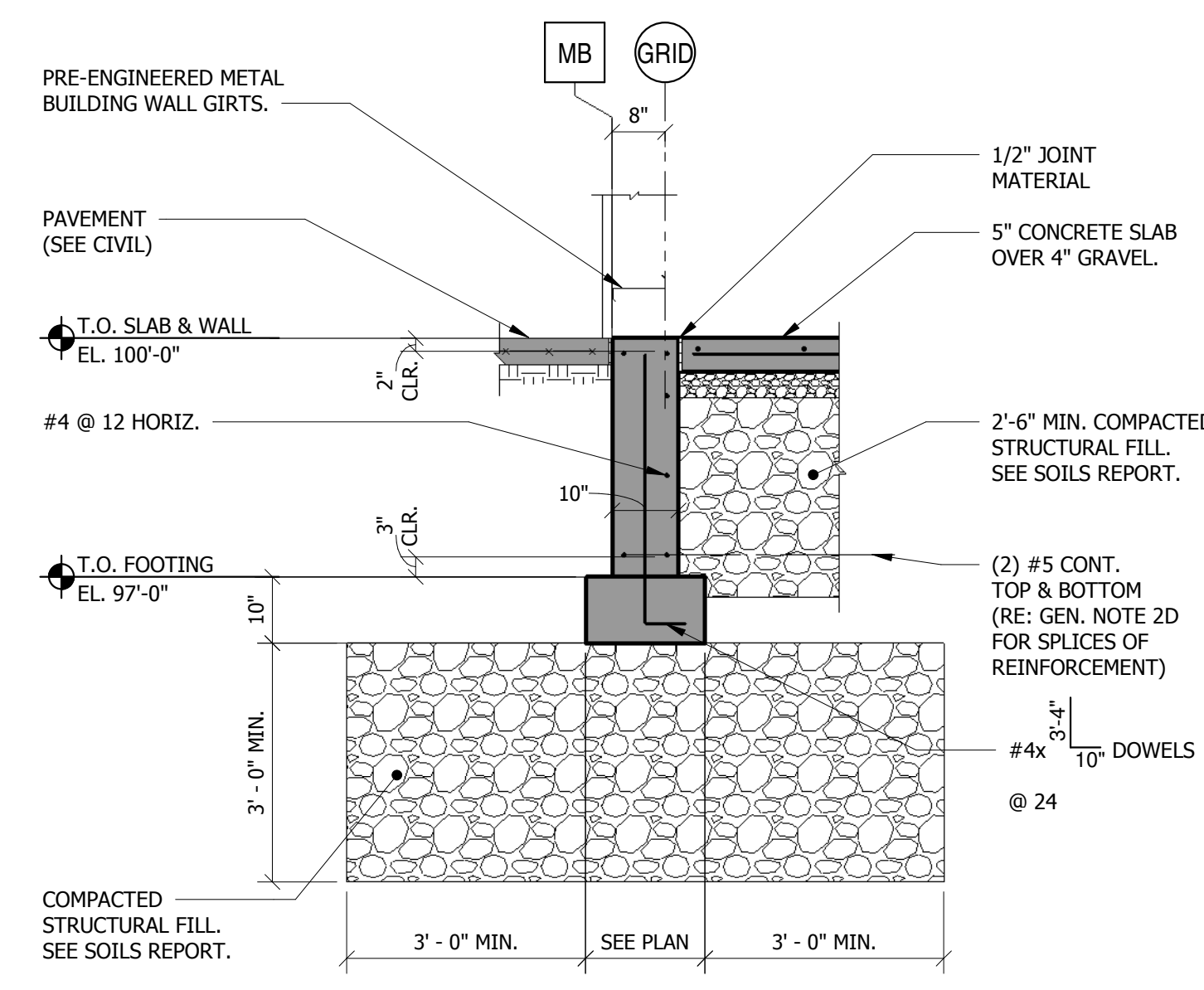
DATE: 06/15/21 SHEET NO:
PROJECT NO: 21.029 **S200**



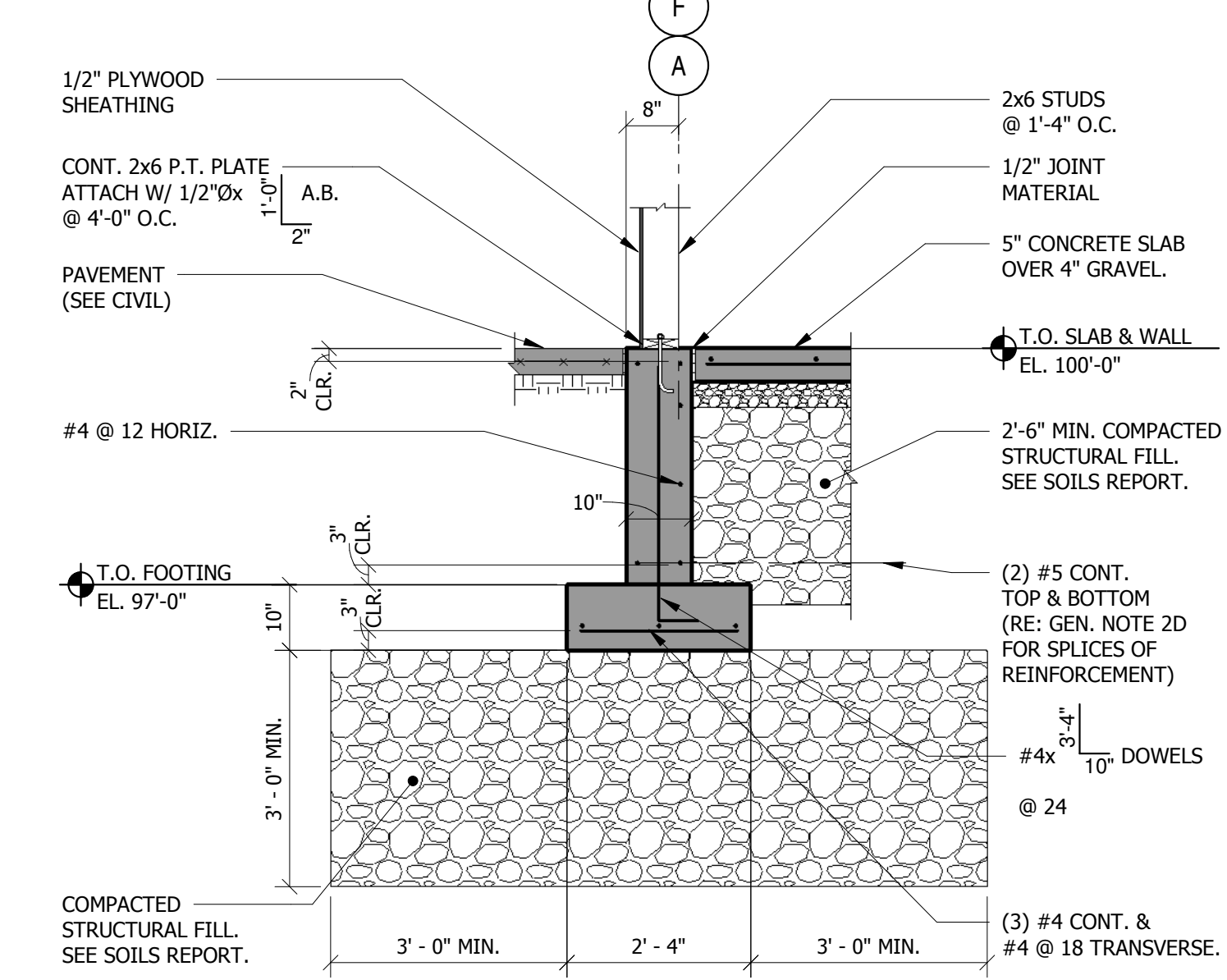
SECTION 1 1/2" = 1'-0" S301



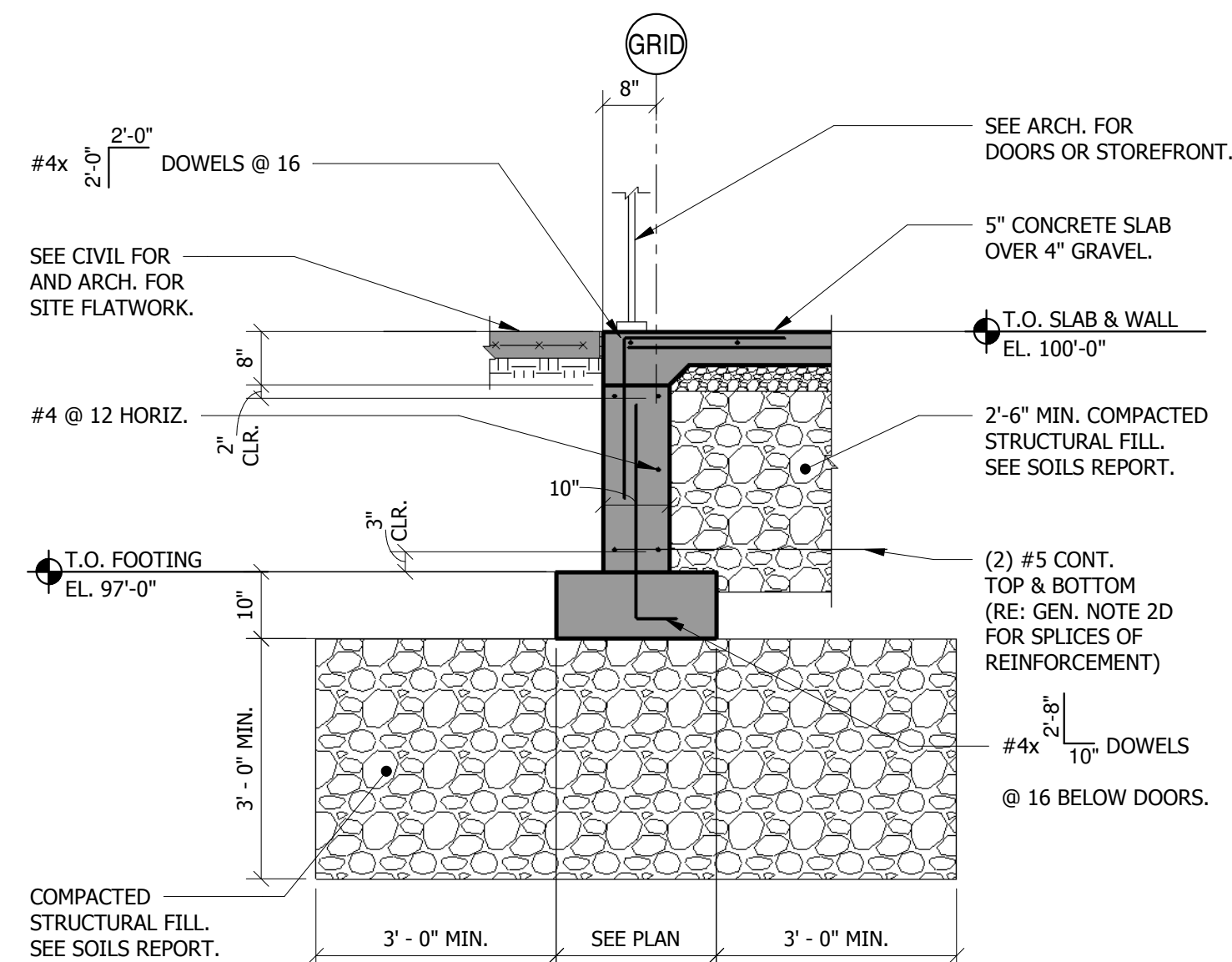
SECTION 2 1/2" = 1'-0" S301



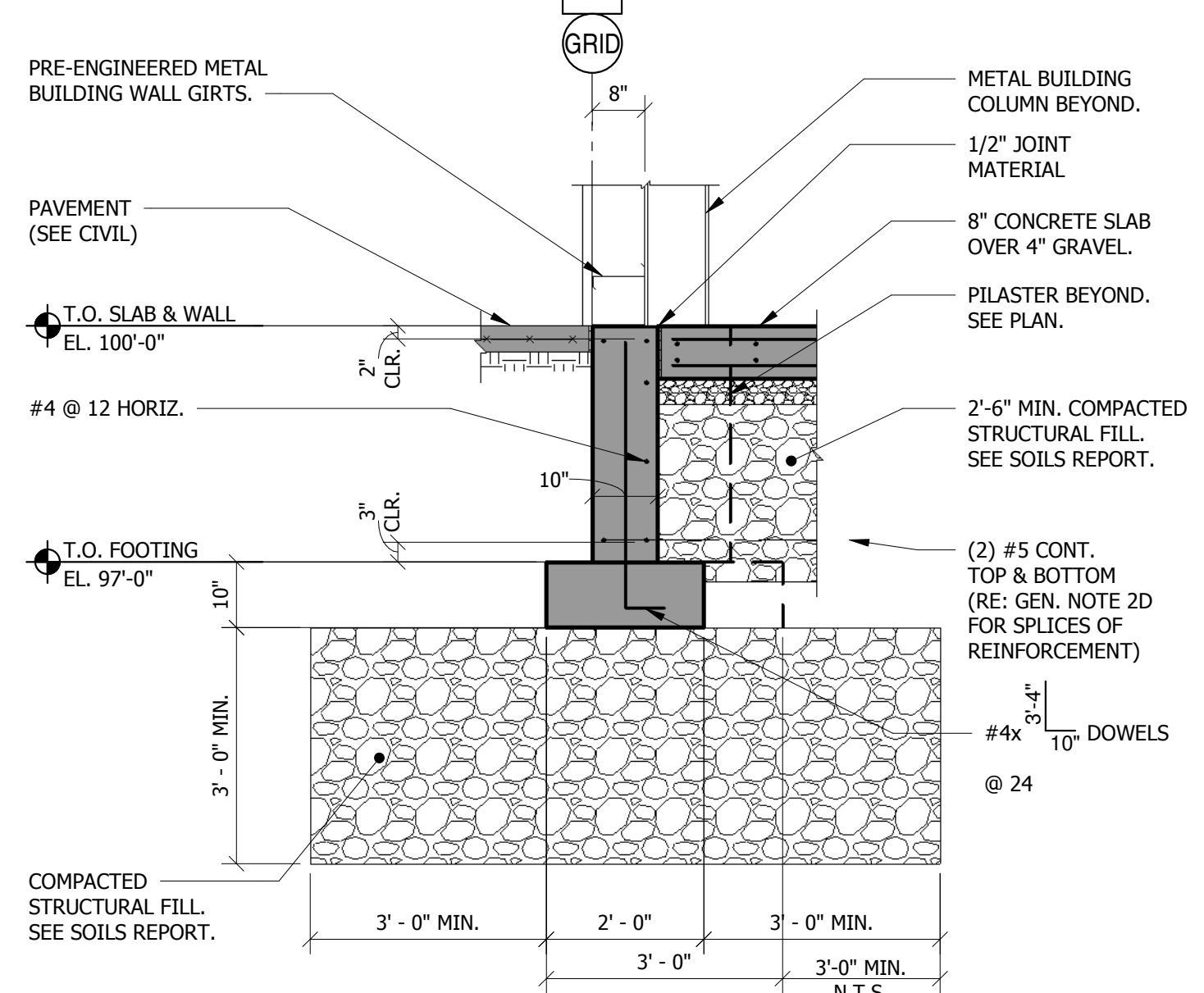
SECTION 3 1/2" = 1'-0" S301



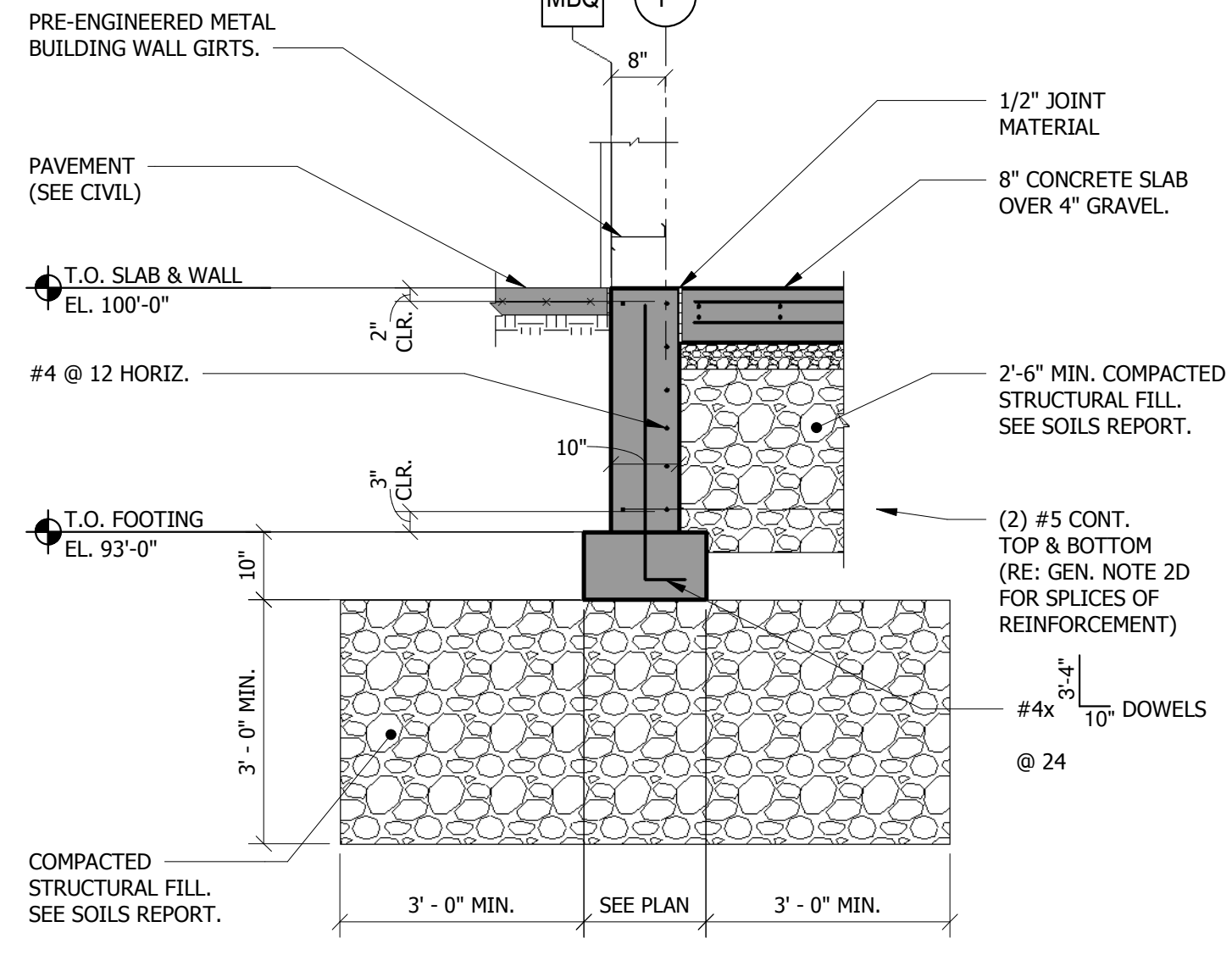
SECTION 4 1/2" = 1'-0" S301



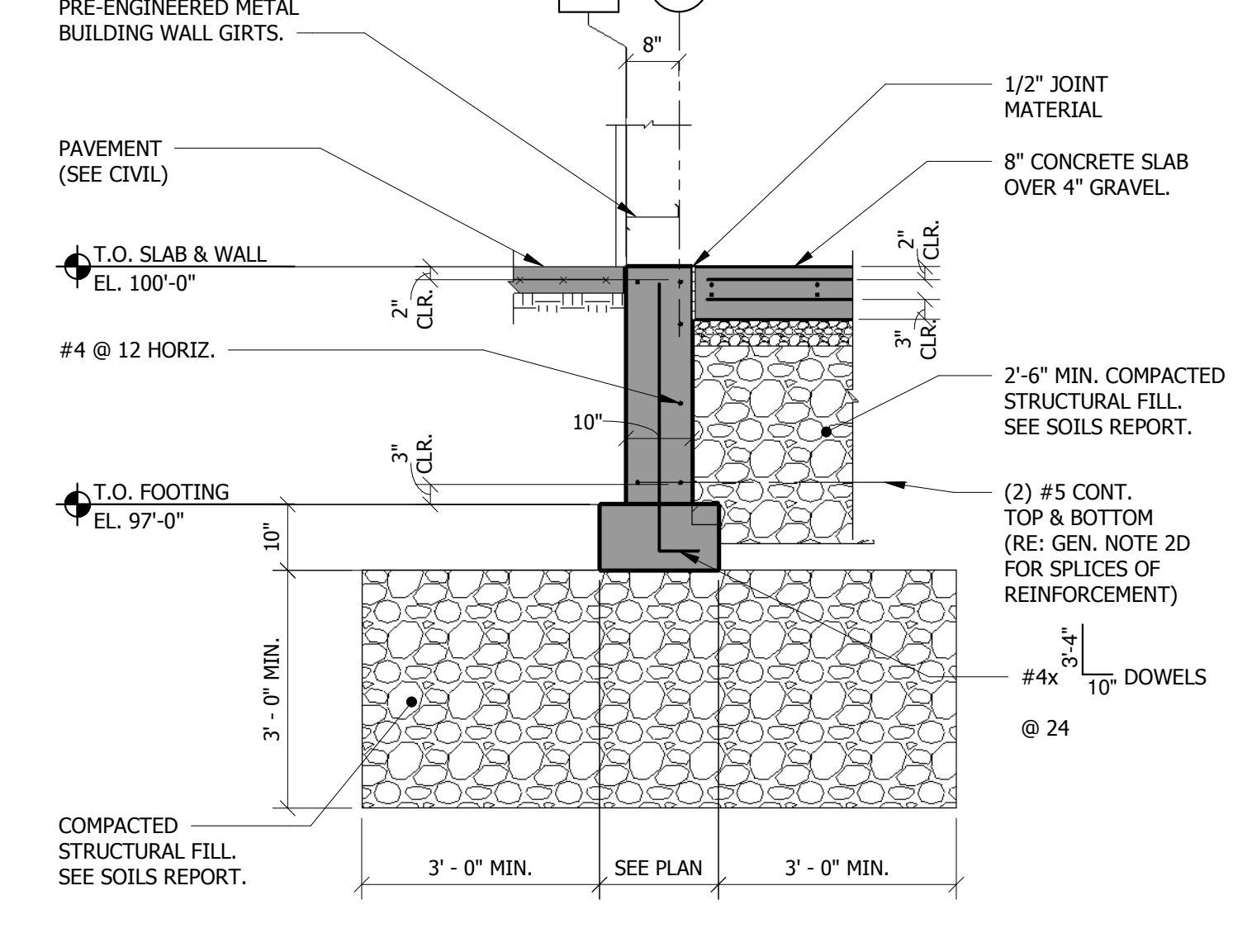
SECTION 5 1/2" = 1'-0" S301



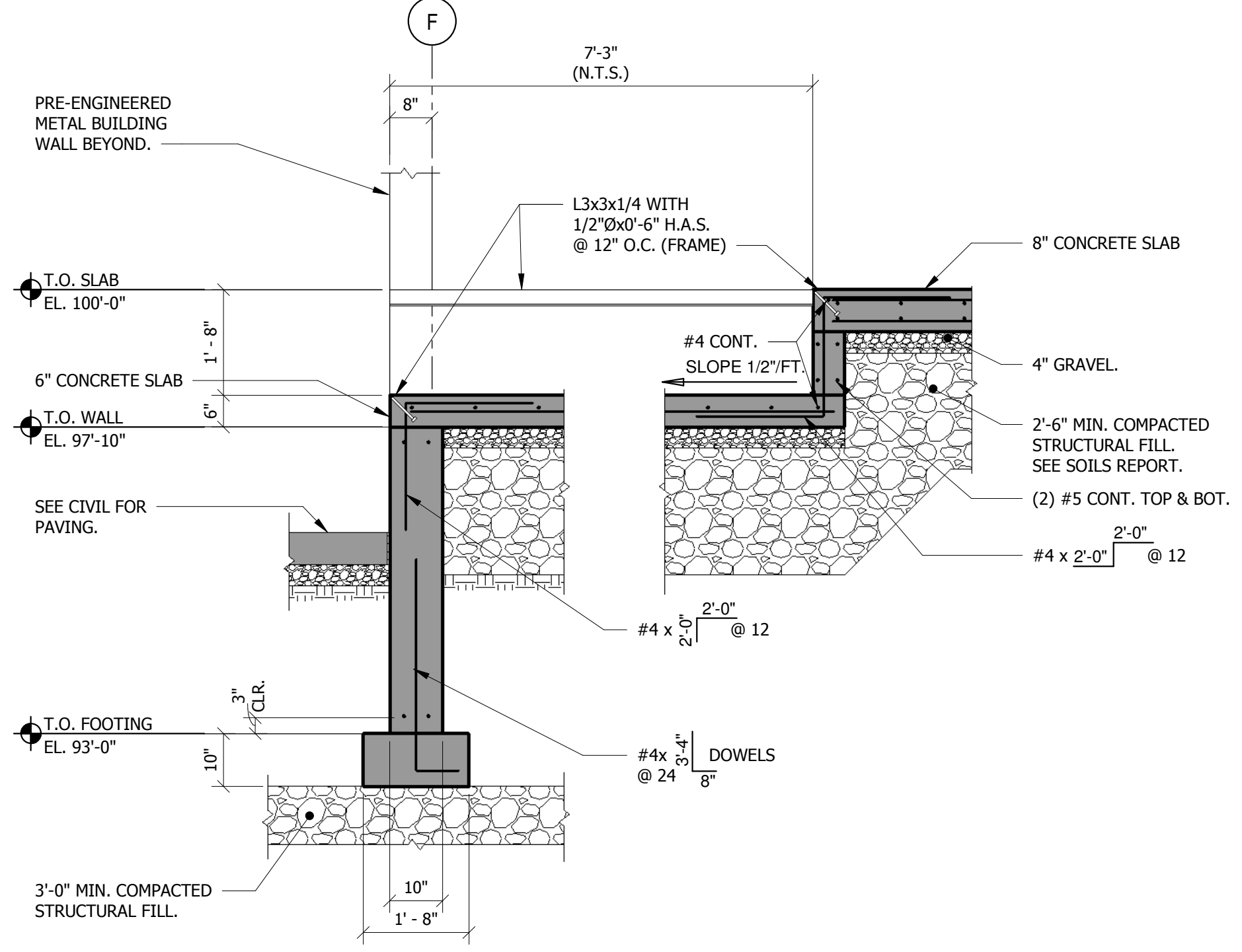
SECTION 6 1/2" = 1'-0" S301



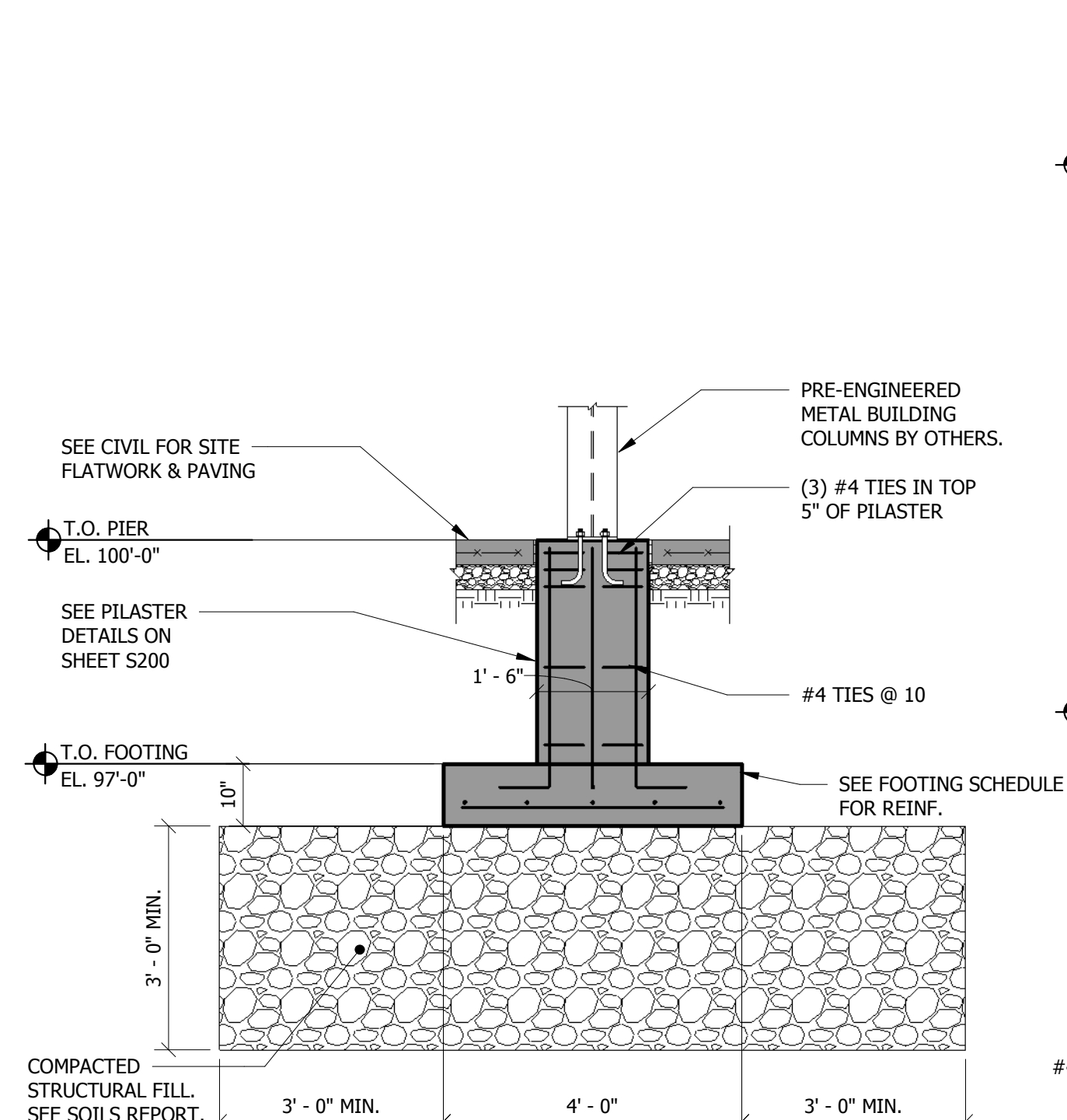
SECTION 7 1/2" = 1'-0" S301



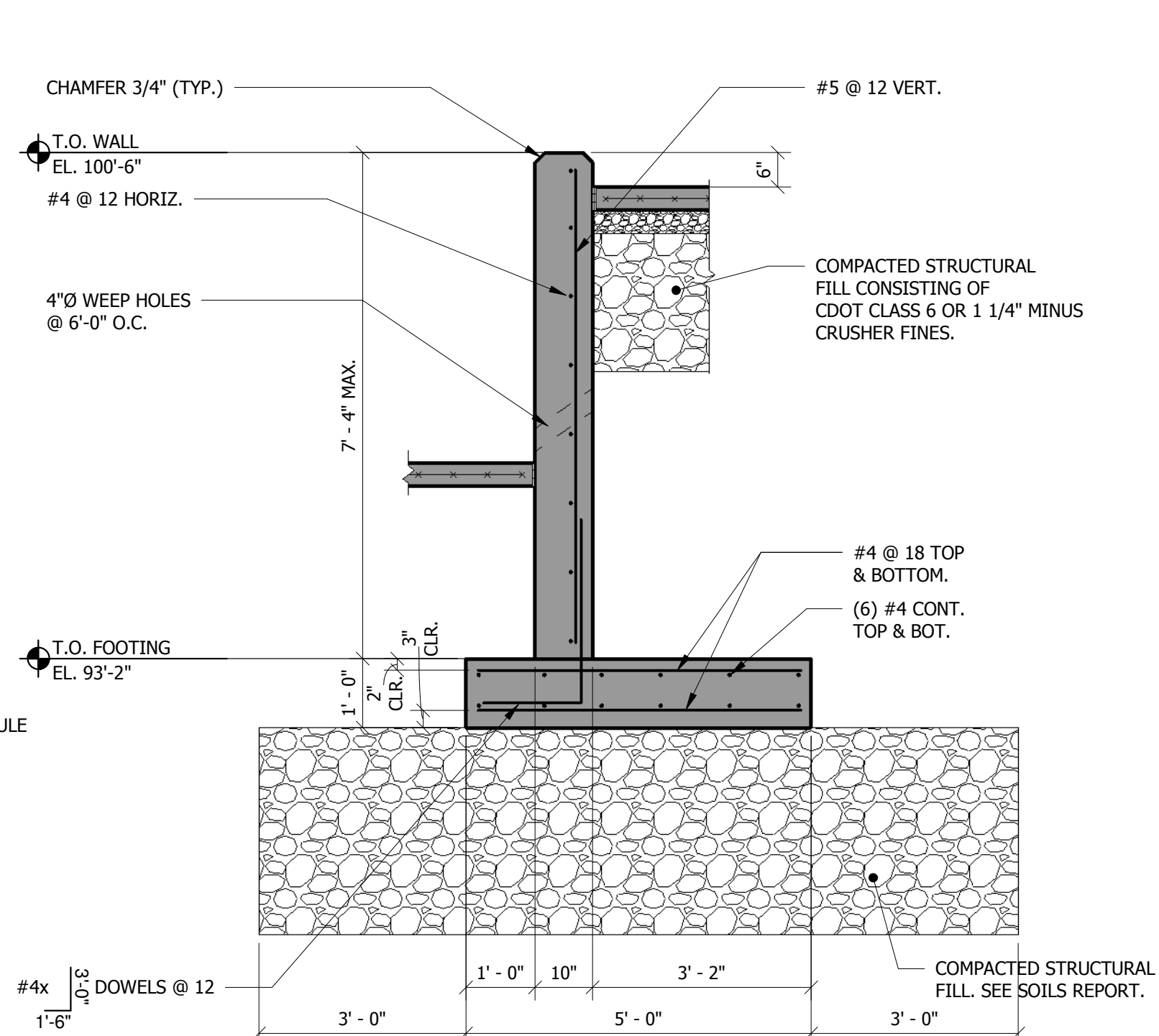
SECTION 8 1/2" = 1'-0" S301



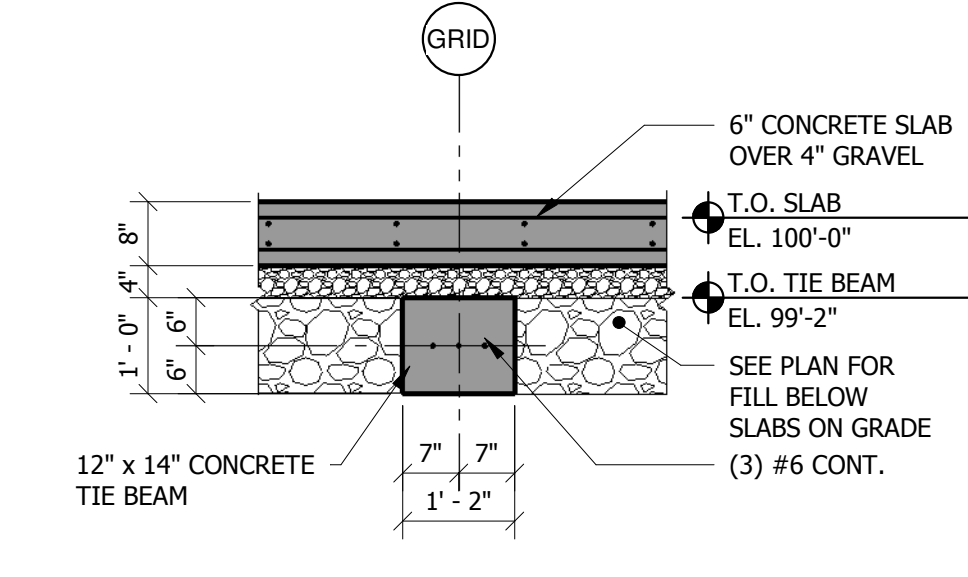
SECTION 9 1/2" = 1'-0" S301



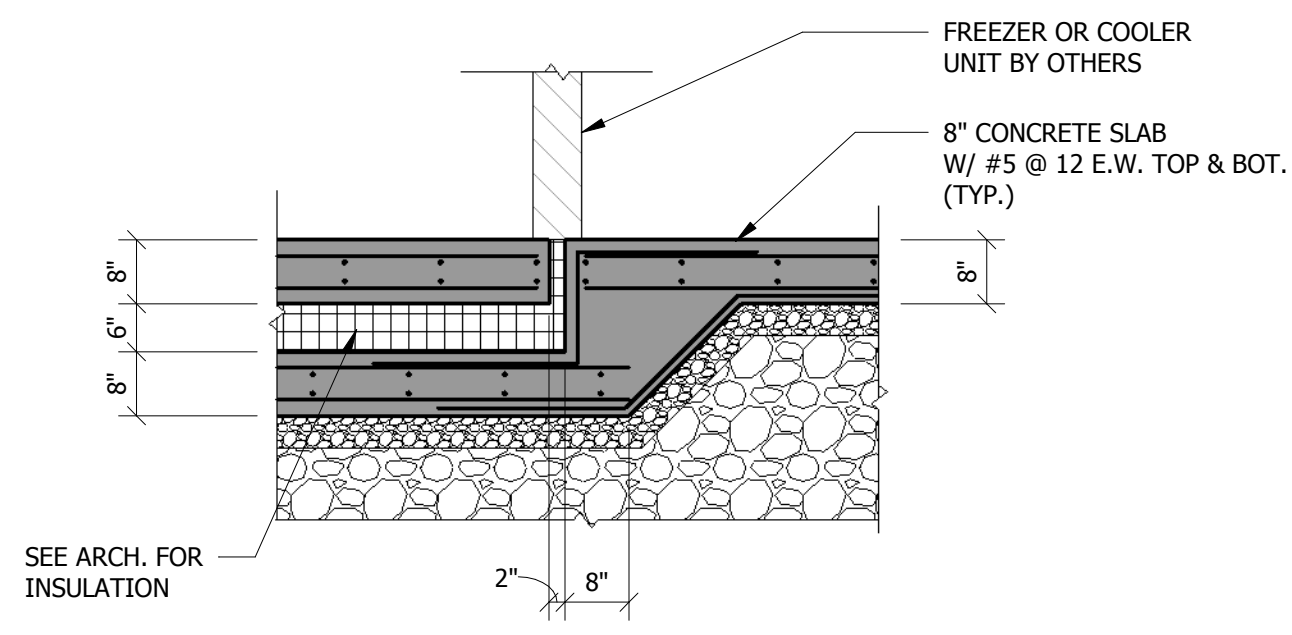
SECTION 10 1/2" = 1'-0" S301



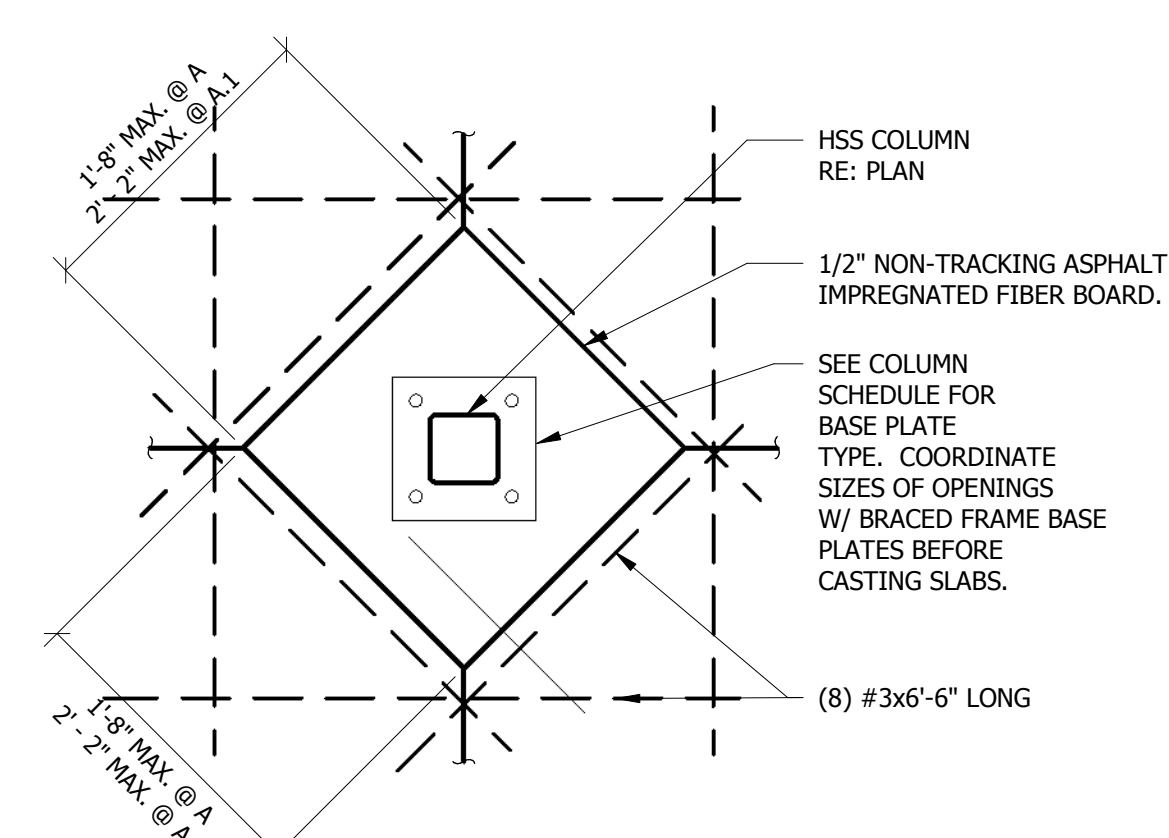
SECTION 11 1/2" = 1'-0" S301



SECTION 12 1/2" = 1'-0" S301



SECTION 13 1/2" = 1'-0" S301



DETAIL A 3/4" = 1'-0" S301

NOT FOR CONSTRUCTION

FOOD BANK OF THE ROCKIES

2295 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

FOUNDATION SECTIONS & DETAILS

NO.	ISSUED FOR	DATE
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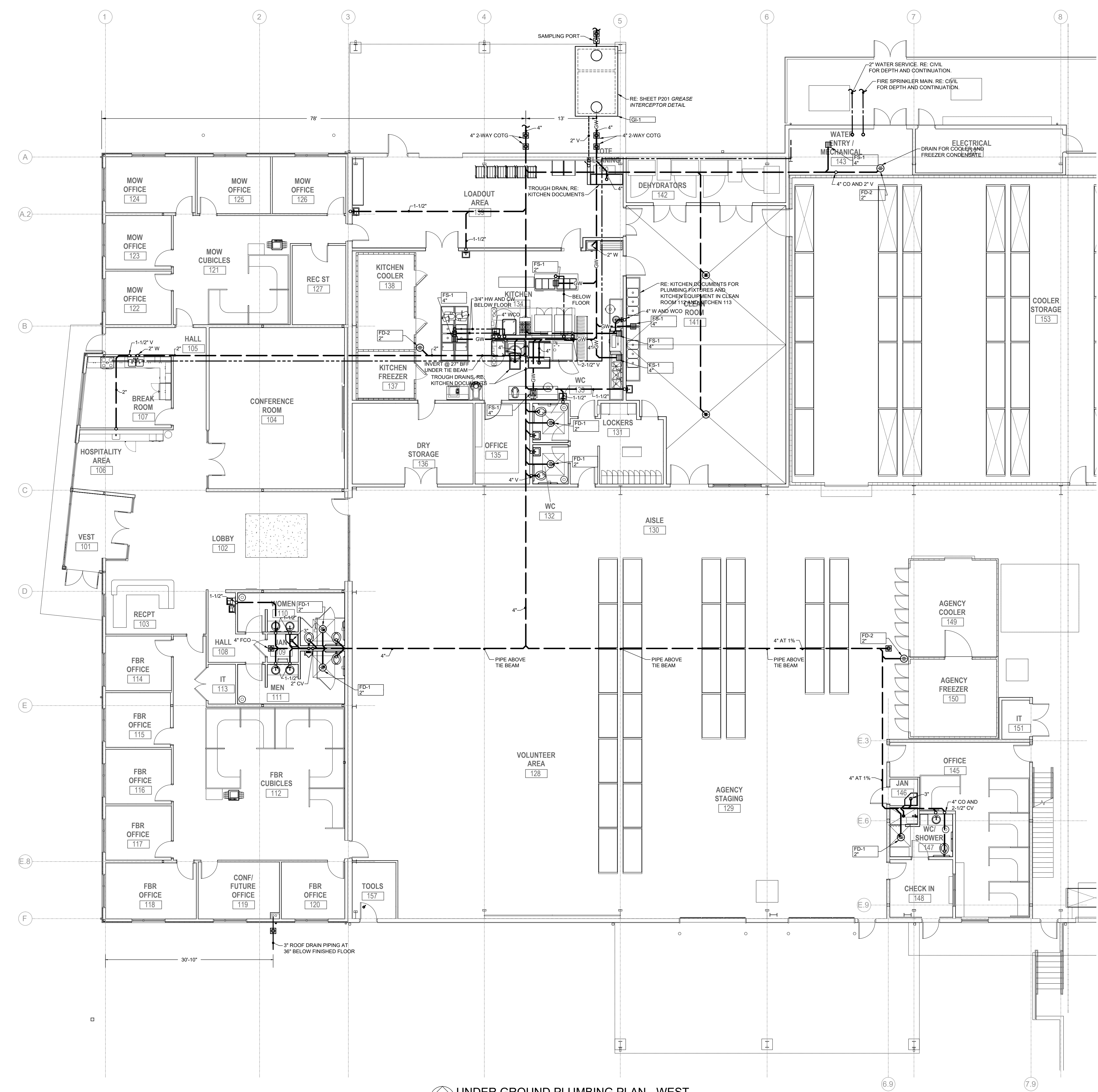
PROJECT STATUS: B.P. 3

DATE: 06/15/21 SHEET NO.: S301
PROJECT NO.: 21.029

GENERAL NOTES
 THE PLUMBING CONTENT OF THE PLUMBING DRAWINGS IS DIAGRAMMATIC AND NOT NECESSARILY TO SCALE.
 THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO LOCATIONS OF DUCTWORK, EQUIPMENT, PIPING, AND SUPPORTS IN ORDER TO COORDINATE WITH BUILDING CONSTRUCTION AND WORK OF OTHER TRADES.
 REFER TO SCHEDULES AND SPECIFICATIONS FOR EQUIPMENT AND MATERIALS OF CONSTRUCTION.
 INSTALL WASTE PIPING CLEANOUTS WHERE INDICATED AND AS REQUIRED BY 2018 INTERNATIONAL PLUMBING CODE. GAINING ACCESS TO SOIL PIPING FOR CLEANOUT BY REMOVAL OF A TOILET IS NOT A CODE-COMPLIANT CLEANOUT AND WILL NOT BE ACCEPTED.
 NO VENT PIPING HAS BEEN SHOWN. FIXTURES SHALL BE VENTED IN COMPLIANCE WITH 2018 IPC.



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UNDER GROUND PLUMBING PLAN - WEST
 SCALE: 1/8" = 1'-0"

FOOD BANK OF THE ROCKIES

2294 TALL GRASS DRIVE
 GRAND JUNCTION, COLORADO

MAIN LEVEL UNDER GROUND PLUMBING PLAN - WEST

NO. ISSUED FOR: DATE:
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BROCKBACH PROFOUND DESIGN DEVELOPMENT

DATE: 06/15/2021 SHEET NO:

PROJECT NO: 2108 **P101**

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<p>GENERAL SYMBOLS</p> <p>ABBREVIATIONS</p> <p>AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE BDI BACK DRAFT DAMPER BFG BELOW FINISHED GRADE CD CONDENSATE DRAIN CFM CUBIC FEET PER MINUTE COTG CLEANOUT TO GRADE CV CIRCUIT VENT CW COLD WATER DB DRY BULB TEMPERATURE EA EXHAUST AIR EAT ENTERING AIR TEMPERATURE EWT ENTERING WATER TEMPERATURE FCD FLOOR CLEANOUT °F DEGREES FAHRENHEIT FF FINISHED FLOOR GC GENERAL CONTRACTOR HW HOT WATER - DOMESTIC HWC HOT WATER CIRCULATING - DOMESTIC HWR HOT WATER RETURN HWS HOT WATER SUPPLY LB POUNDS (WEIGHT) MC MECHANICAL CONTRACTOR NIC NOT IN CONTRACT NK NECK (DUCT CONNECTION) NTS NOT TO SCALE OBD OPPOSED BLADE DAMPER PC PLUMBING CONTRACTOR RA RETURN AIR RDL ROOF DRAIN LEADER RE REFER TO SA SUPPLY AIR SOL STORM DRAIN LEADER SS SANITARY SEWER SWR SNOWMELT WATER RETURN SWS SNOWMELT WATER SUPPLY V VENT VTR VENT THROUGH ROOF WCO WALL CLEANOUT W WASTE WB WET BULB TEMPERATURE</p>	<p>PIPING</p> <p>CWR CHILLED WATER RETURN CWS CHILLED WATER SUPPLY CW COLD WATER CA COMPRESSED AIR HOT WATER - DOMESTIC HOT WATER - DOMESTIC, TEMPERATURE SHOWN HOT WATER CIRCULATING - DOMESTIC HWR HEATING WATER RETURN HWS HEATING WATER SUPPLY G NATURAL GAS NO NITROUS OXIDE O OXYGEN ORDL OVERFLOW ROOF DRAIN PIPING RDL ROOF DRAIN PIPING RL REFRIGERATION LIQUID RS REFRIGERATION SUCTION SS SANITARY SEWER SANITARY VENT SWR SNOWMELT RETURN SWS SNOWMELT SUPPLY V VACUUM WASTE</p>	<p>PIPING ACCESSORIES</p> <p>GATE OR GLOBE VALVE BALL VALVE CHECK VALVE SOLENOID VALVE BUTTERFLY VALVE RELIEF VALVE BALANCING VALVE, CALIBRATED ANGLE VALVE, GATE OR GLOBE UNION CONTROL VALVE, 2-WAY CONTROL VALVE, 3-WAY P-T PORT STRAINER THERMOMETER IN PIPELINE PRESSURE REGULATING VALVE HOSE BIBB PRESSURE GAUGE HORIZONTAL CLEANOUT FLOOR CLEANOUT TWO-WAY CLEANOUT FLOOR DRAIN OR SHOWER DRAIN FLOOR SINK ROOF DRAIN</p>	<p>PIPING FITTINGS</p> <p>ELBOW ELBOW UP ELBOW DOWN TEE TEE UP TEE DOWN</p> <p>DUCTWORK</p> <p>RETURN OR EXHAUST DUCT DOWN, DIMENSION ACROSS LISTED FIRST SUPPLY DUCT DOWN RETURN OR EXHAUST DUCT UP SUPPLY DUCT UP DUCT ELBOW, DIMENSION OF SIDE SHOWN = 22" DUCT, DIMENSION OF SIDE SHOWN = 22"</p>	<p>DUCT ACCESSORIES</p> <p>FLEXIBLE DUCT CONNECTION MANUAL VOLUME DAMPERS IN DUCTS FIRE DAMPER COMBINATION FIRE/SMOKE DAMPER MOTORIZED CONTROL DAMPER IN DUCT</p> <p>CONTROLS</p> <p>THERMOSTAT / TEMPERATURE CONTROL HUMIDISTAT OR HUMIDITY SENSOR DUCT THERMOSTAT OR TEMPERATURE SENSOR DUCT HUMIDISTAT OR HUMIDITY SENSOR TEMPERATURE SENSOR PRESSURE SENSOR CARBON DIOXIDE SENSOR</p>	<p>GRILLES, REGISTERS, AND DIFFUSERS</p> <p>RA-1 12"x18" SIDEWALL RETURN OR EXHAUST GRILLE RA-1 (OR EA-1), 12"Wx8"H SA-1 12"x8" 225 CFM SIDEWALL SUPPLY GRILLE OR REGISTER SA-1, 12"Wx8"H, 225 CFM RA-1 12"x18" CEILING RETURN GRILLE OR REGISTER RA-1, 12"x8" SA-1 24"x24" 225 CFM CEILING SUPPLY DIFFUSER, GRILLE, OR REGISTER SA-1, 24"x24", 225 CFM EA-1 12"x18" 200 CFM CEILING EXHAUST GRILLE OR REGISTER EA-1, 12"x8", 200 CFM</p>
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PLUMBING FIXTURE PIPING SCHEDULE

FIXTURE TYPE	OW BRANCH	HW BRANCH	WASTE BRANCH	VENT BRANCH
BAR SINK	1/2"	1/2"	1 1/2"	1 1/4"
BATH TUB	1/2"	1/2"	1 1/2"	1 1/2"
CLOTHES WASHER	1/2"	1/2"	2"	1 1/2"
DRINKING FOUNTAIN	1/2"	-	1 1/4"	1 1/4"
FLOOR DRAIN	-	-	2"	1 1/2"
FLOOR SINK	-	-	4"	2"
HOSE BIBB	3/4"	-	-	-
KITCHEN SINK	1/2"	1/2"	2"	1 1/2"
LAVATORY	1/2"	1/2"	1 1/2"	1 1/4"
MOP SINK	1/2"	1/2"	3"	2"
SERVICE SINK	1/2"	1/2"	2"	1 1/2"
SHOWER	1/2"	1/2"	1-1/2"	1 1/2"
URINAL	3/4"	-	2"	1 1/2"
WATER CLOSET, FLUSH TANK	1/2"	-	4"	2"
WATER CLOSET, FLUSH VALVE	1"	-	4"	2"
WATER COOLER	1/2"	-	1 1/4"	1 1/4"

PIPING SERVING PLUMBING FIXTURES SHALL BE OF THE SIZES INDICATED ABOVE UNLESS INDICATED OTHERWISE ON THE PLUMBING FLOOR PLANS.

GENERAL NOTES

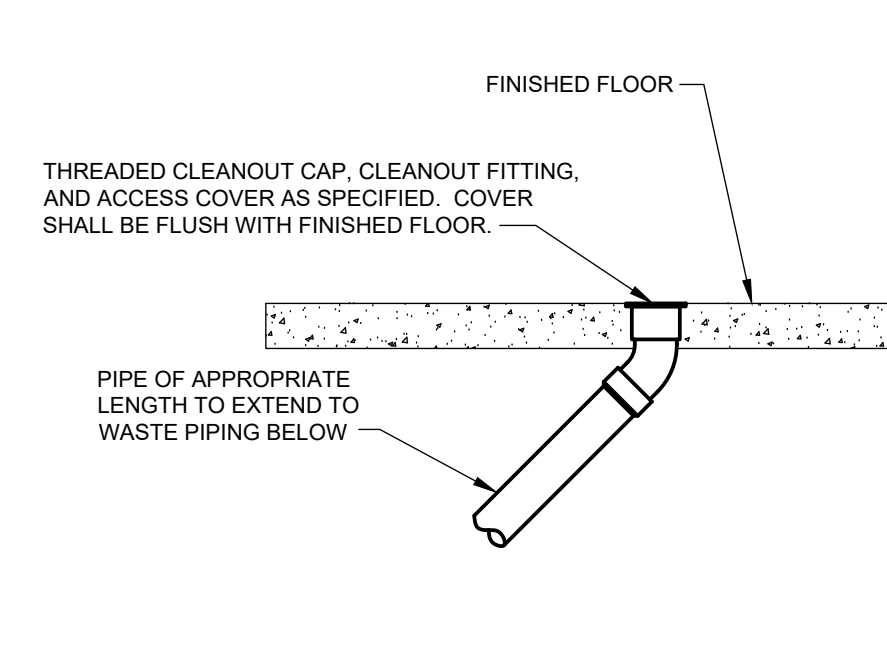
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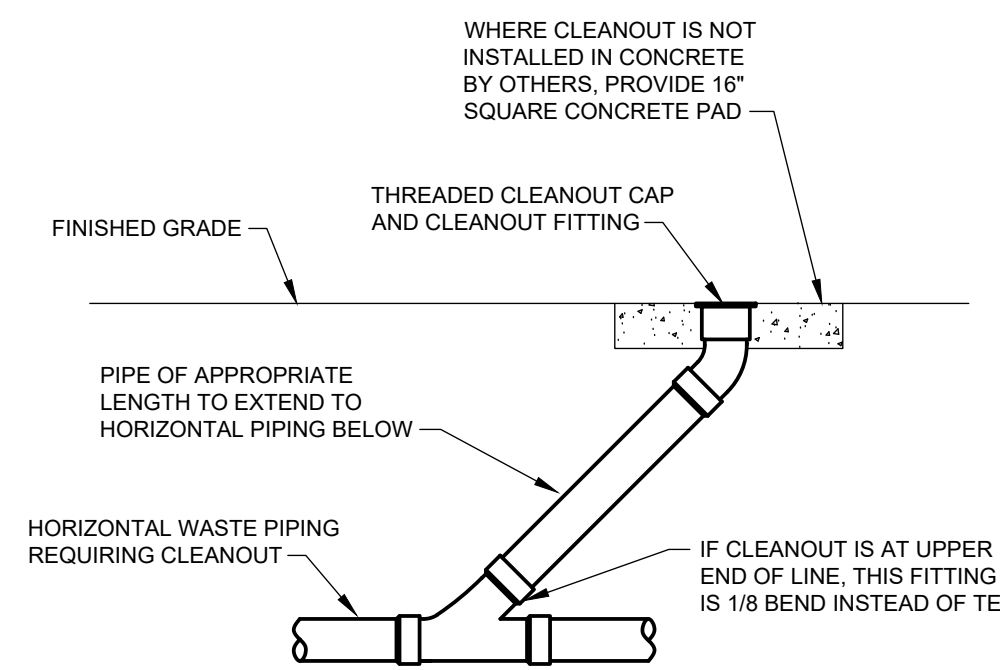
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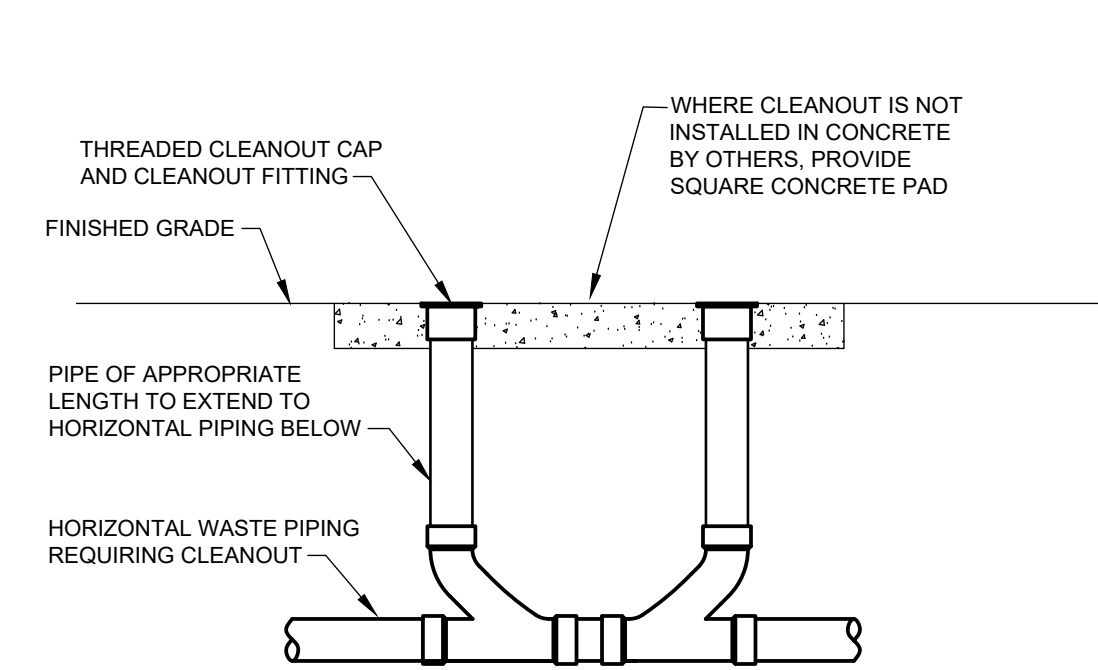
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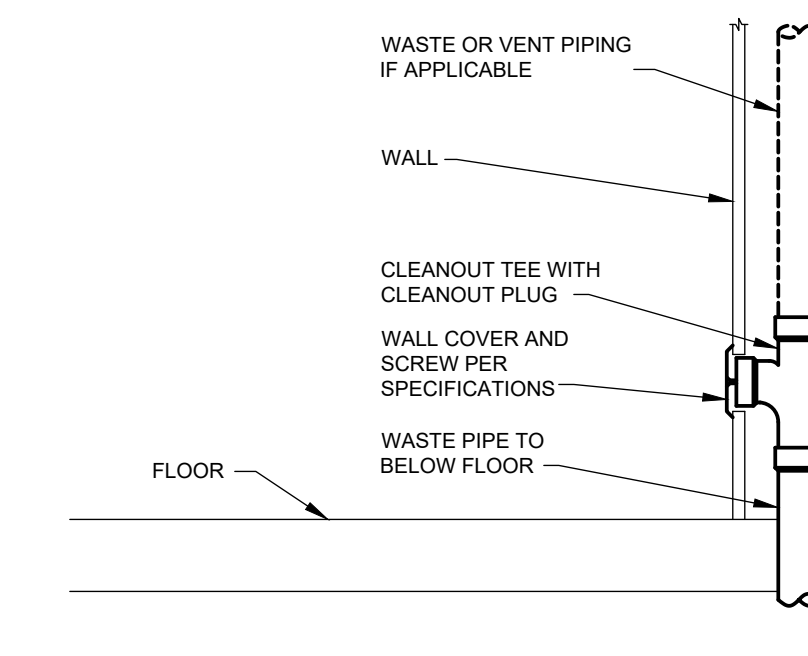
FLOOR CLEANOUT (F.C.O.) DETAIL
NO SCALE



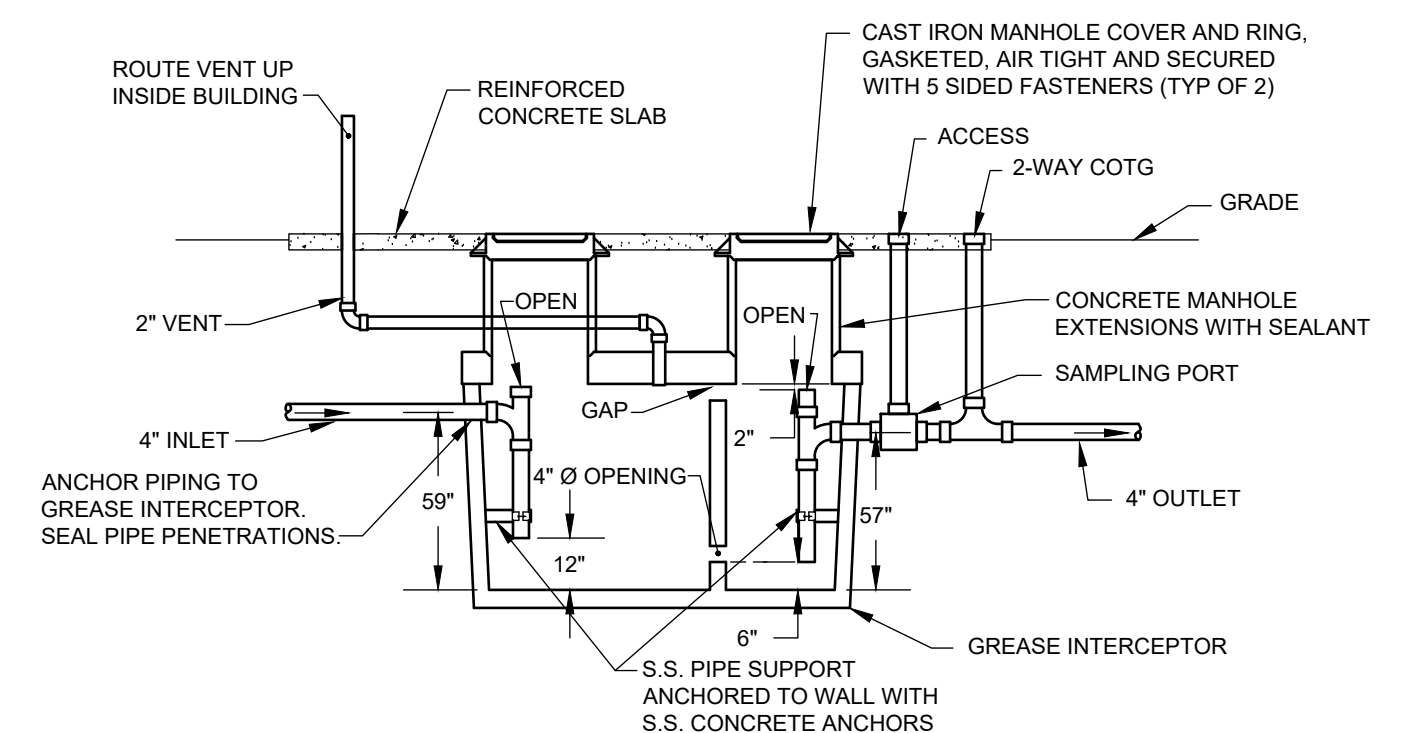
CLEANOUT TO GRADE (C.O.T.G.) DETAIL
NO SCALE



TWO-WAY CLEANOUT TO GRADE DETAIL



WALL CLEANOUT (W.C.O.) DETAIL
NO SCALE



GREASE INTERCEPTOR DETAIL
NOT TO SCALE

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FOOD BANK OF THE ROCKIES

2294 TALL GRASS DRIVE
GRAND JUNCTION, COLORADO

PLUMBING DETAILS & LEGEND

NO: _____ ISSUED FOR: _____ DATE: _____

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BID PACKAGE #3, FOUNDATIONS

DATE: **06/15/2021** SHEET NO: _____

PROJECT NO: **P201**
2108

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