

GENERAL NOTES

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A		M	
ACI	American Concrete Institute	MAS	Masonry
ASTM	American Inst. of Steel Construction	MAX	Maximum
ASCE	American Society of Testing & Materials	MECH	Mechanism
AB	Anchor bolt	MEMB	Membrane
ADH	Adhesive	MFG	Manufacturer
ADDL	Additional	MIN	Minimum
ADJ	Adjustable	MISC	Miscellaneous
AFF	After Finished Floor	MO	Masonry opening
AL	Aluminum	MTL	Metal
ALC	Aluminum	N	
ARCH	Architect	NAT	Natural
B		NB	Non Destructive Testing
BFL	Base Plate	NO	Not in Contract
BLK	Blocking	NP	Number
BP	Beam	NTS	Nominal
BOLCA	Building Officials Code Administrators	NTS	Not to Scale
BOG	Bearing	O	
BT	Bent	OA	Overall
BT/	Bottom of	OC	On Center
C		OD	Outside Diameter
CA	Caisson	OF	Outside Face
CA	Caisson	OPNG	Opening
C-C	Center to Center	OPF	Opening
CIP	Cast-in-Place	OSH	Open Hole
CL	Center Joint	P	
CLT	Clear / Clearance	PART	Partition
CMU	Concrete Masonry Unit(s)	PC	Precast Concrete
COL	Column	PCF	Pounds per Cubic Foot
CON	Concrete	PFH	Penetration
CONN	Connection	PL	Plate
CONSTR	Continuous	PLAS	Plaster
CONT	Continuous	PLWTD	Placed and Welded
COORD	Coordinate	PRF	Preformed
CSK/S	Conescrew / Screw	PRESS	Pressure
D		PROJ	Project, Projected, Pro
d(penny)	Dia / Nails	PSF	Pounds per Square Foot
DBA	Depth	PSI	Pounds per Square Inch
DBL	Deformed Bar Anchor	PVC	Polyvinyl Chloride
DET	Detail	R	
DIA / Ø	Diameter	R/C	Reinforced Concrete
DIA6	Dia6 (Diagonal)	RECT	Rectangular
DIM	Dimension	REF	Refer
DWL(S)	Double(s)	REIN	Reinforcing
DWG	Drawing	REQ	Required
E		RTN	Return
EF	Each	REV	Reverse, Revision
EN	Each Face	RFR	Rebar
EN	Each Way	S	
ELV	Elevation	SCHED	Schedule
EOD	Edge of Deck	SECT	Section
EOS	Edge of Slab	SEIS	Seismic
EQT	Equal	SH	Sheet
EXIST	Existing	SHG	Sheathing
EXP	Expansion	SHM	Similar
EXP JT	Expansion Joint	SHR	Shrink
F		SLGT	Slack, Glue Lam. Trim
FD	Floor Drain	SLD	Slab on Grade
FDN	Foundation	SP	Spigot
FIN	Finish	SQA	Space(s)
FLG	Flange	SPEC	Specification
FLR	Floor	SG	Sagone
FRG	Framing	SSH	Short Stopped Hole
FS	For Side	SS	Stainless Steel
FT	Foot	STD	Standard
FTG	Footing	STGR	Stagger
G		STIF	Stiffener
GA	Gage, Gage	STMP	Stump
GALV	Galvanize	STL	Steel
GC	General Contractor	STRUCT	Structural
GLB	Grade Laminated Beam	SYMT	Symmetrical
GR	Grade	T	
GTP	Gypsum	T / T	Top
H		T/B	Top & Bottom
HNGR	Hanger	TD	Trench Drain
HT	Height	TG	Tongue & Groove
HP	High Point	TJ	The Joint
HK	High Point	T/S	Top of Slab
HORIZ HS	Horizontal	T/S/L	Top of Slab
HS	Horizontal Stud	T/S/L	Top of Slab
I		T/W	Top of Wall
ID	Inside Diameter	THRU	Through
IF	Inside Face	TRANS	Transverse
IN	Inch	TTP	Typical
INCL	Inclusive	U	
J		UBC	Uniform Building Code
JNT	Joint	V	
JST	Joint	VERT	Vertical
K		W	
KB	Knee Brace	W	Width
L		WF	Wide Flange
L	Long Length	W/P	With
LAM	Laminated	W/O	Without
LAT	Lateral	W/P	Working Point
LL	Long Foot	W/P	Weight
LLH	Long Leg Horizontal	W/P	Weighted Wire Fabric
LLV	Long Leg Vertical	W/P	Weighted Wire Fabric
LONG	Longitudinal		
LP	Low Point		
LS	Low Screw		
LWH	Low Slotted Hole		
LW	Light Weight		
LT	Lightweight Concrete		

318, latest

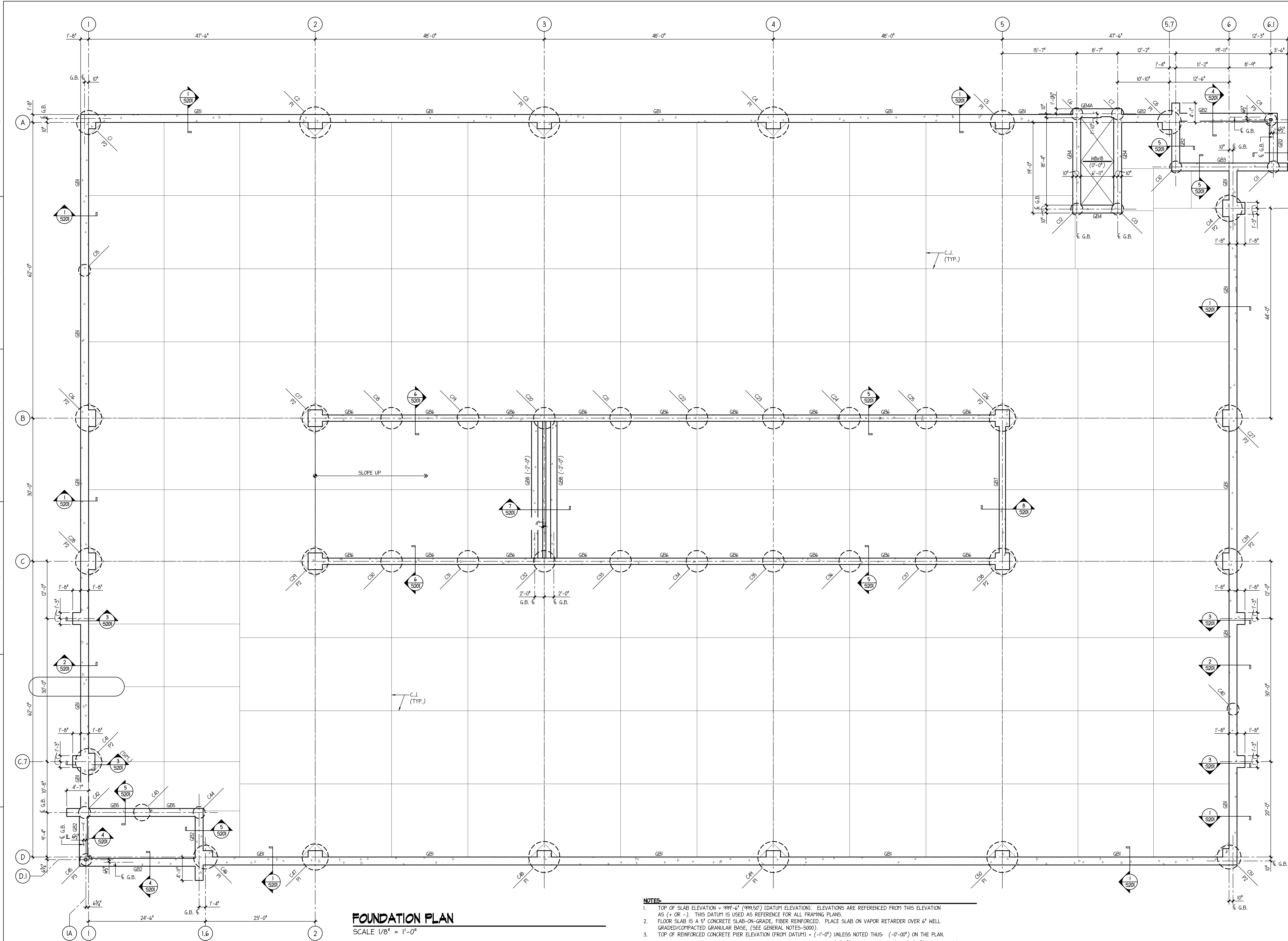
- 318, latest edition) and the Specifications for Structural Concrete (ACI 301, latest edition) of the American Concrete Institute.
- Cast-in-place concrete shall have a minimum 28 day compressive strength (F_c) as follows:
- | a. Caissons | | 3000 psi |
|------------------------|--|----------|
| b. Piers | | 3000 psi |
| c. Grade beams | | 3000 psi |
| d. Walls | | 3500 psi |
| e. Slabs-on-Grade | | 3500 psi |
| f. Slabs-on-Metal Deck | | 4000 psi |
| g. Topping Slabs | | 5000 psi |
- Air entrainment: 6% (1% to 5%) in all concrete exposed to freeze/thaw.
- Concrete shall be normal weight concrete (144 pcf) with cement conforming to ASTM C150, Type I. Aggregate shall conform to ASTM C33.
- Prior to concrete placement, the contractor shall submit to the architect for review, a concrete mix design for each type of concrete, prepared in accordance with the specifications.
- Reinforcement:
- a. Deformed bars: ASTM A615, Grade 60.
 - b. Deformed Wire Fabric: ASTM A185.
 - c. Deformed Bar Anchors: Nelson Type D2L, ASTM A496.
- Reinforcement shall be detailed, fabricated, and placed in accordance with the A.C.I. "Detailing Manual No. SP-66", latest edition.
- Reinforcement shall be securely held in place while placing concrete. Scaffolding, bracing, and chairs shall be provided by the contractor to furnish support for slabs.
- Reinforcing bars shall have the following minimum concrete cover:
- | a. Cast against earth: | | 3" |
|------------------------------------|--|--------|
| b. Exposed to earth or weather | | |
| • (No. 5 or smaller): | | 1-1/2" |
| • (No. 6 or larger): | | 2" |
| c. Concrete not exposed to weather | | 3" |
| • Slabs, Walls, Joists: | | 1/4" |
| • Beams and Columns: | | 1-1/2" |
- Reinforcing bar splices shall be Class "B" tension lap per ACI 308. Welded wire fabric shall be welded full mesh lengths at splices and wire tie together.
- Welded wire fabric shall be placed 1" from the top of slabs u.n.o.
- Leveling grout shall be non-shrink, non-metallic, factory pre-mixed grout in accordance with ASTM C1038, with 7% of not less than 5000 psi.
- Anchor rods shall be ASTM F1554, Grade 36, u.n.o.
- Contractor shall verify dimensions and locations of slabs, pipe sleeves, etc., as required for mechanical trades before concrete is placed.
- The beams and girders supporting elevated floors are designed to have a dead load deflection of not more than one inch due to the weight of the concrete slab and steel structure. The contractor must take the cumulative deflection of the beams and girders into account when determining the amount of concrete that should be used to obtain a level floor.
- ### STRUCTURAL STEEL
- Structural steel work shall be in accordance with the AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings" (ASD - Ninth Edition) and the AISC Code Book.
- Structural steel shall conform to the following:
- a. Channels, angles, plates and miscellaneous connection members: ASTM A36 with a minimum yield strength of 36,000 psi, u.n.o.
 - b. Pipes: ASTM A53, Types E or S, with minimum yield strength of 35,000 psi, u.n.o.
 - c. Steel Tubing: ASTM A500, Grade B, with a minimum yield strength of 46,000 psi.
- Bolts shall be 3/4" diameter ASTM A325 H.S. bolts. Connections shall be Type N for framed connections.
- Anchor bolts shall be ASTM F1554, Grade 36, u.n.o.
- Welding shall be in accordance with the "Structural Welding Code AWS/AWS D1.1", American Welding Society, latest edition.
- Existing steel shall be thoroughly cleaned prior to field welding and/or painting with specified coatings.
- Field welded surfaces shall be cleaned, ground smooth, and coated with appropriate primer/paint as specified.
- Headed shear studs connectors shall conform to ASTM A108, Grade 1015 or 1020, cold finished carbon steel.
- Steel exposed to the exterior shall be hot dipped galvanized in accordance to ASTM A123. When galvanized steel is field welded, provide appropriate ventilation measures. Welded surfaces shall be ground smooth and coated with galvanizing repair paint. Galvanizing repair paint shall be a high zinc dust zinc epoxy complying with the Military Specifications MIL-P-21035 (Ship) or SSPC-Paint-20.
- Do not paint steel when encased with concrete, to receive spray-on fireproofing, at field weld areas, at the top flange of composite beams, or at S.C. bolt areas.
- Structural Steel Fabricator shall provide for vertical and horizontal field adjustment of support assemblies.
- ### METAL DECK
- Metal deck shall be designed, detailed and installed in accordance with the "Design Manual for Roof Deck and Roof Decks" of the Steel Deck Institute, latest edition.
- Composite floor deck shall be in conformance with the "Specifications for Composite Steel Floor Deck" of the Steel Deck Institute, latest edition.
- Roof deck shall be fastened to the supporting steel at the ends and intermediate support locations. Deck shall be welded to steel at 12" o.c. in a 3/64 pattern. Deck side laps shall be connected with #10 T&B screws at quarter points between the supporting steel member edges or deck panels with 5/8" puddle welds at 12" o.c. Welding washers shall be used as required by the deck manufacturer. Any split or partial panels shall be treated to the supporting structure in every way regardless of adjacent alternate patterns.
- Deck installer may substitute alternate means of mechanical fastening in lieu of welding if connection and diaphragm capacity is maintained.
- Metal deck supplier shall provide light metal concrete pourable surface pieces and shall reinforce or support deck at openings and column areas as required, in accordance with the Steel Deck Institute.
- ### LIGHT GAUGE STEEL FRAMING
- Light gauge steel structural members shall be designed in accordance with the American Iron and Steel Institute (AISI) "Specification for the Design of Cold-Formed Steel Structural Members", latest edition.

- [illegible]

CONSTRUCTION DOCUMENTS

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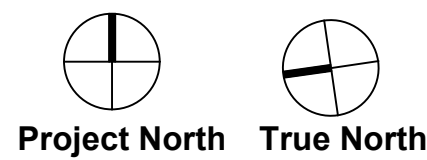
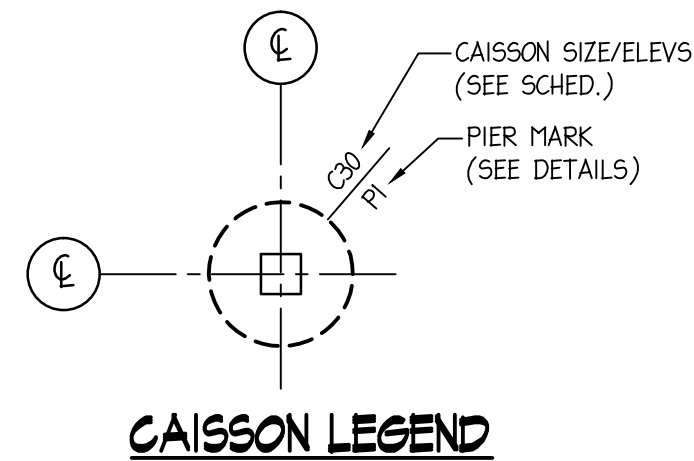
one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



- NOTES:**
1. TOP OF SLAB ELEVATION = 994'-6" (994.50') (DATUM ELEVATION). ELEVATIONS ARE REFERENCED FROM THIS ELEVATION AS (+ OR -). THIS DATUM IS USED AS REFERENCE FOR ALL FRAMING PLANS.
 2. FLOOR SLAB IS A 5" CONCRETE SLAB-ON-GRADE, FIBER REINFORCED. PLACE SLAB ON VAPOR RETARDER OVER 6" WELL GRADED/COMPACTED GRANULAR BASE. (SEE GENERAL NOTES-5000).
 3. TOP OF REINFORCED CONCRETE PIER ELEVATION (FROM DATUM) = (-1'-0") UNLESS NOTED THUS: (-0'-0") ON THE PLAN.
 4. TOP OF REINFORCED CONCRETE GRADE BEAM ELEVATION (FROM DATUM) = (-1'-0") UNLESS NOTED THUS: (-0'-0") ON THE PLAN.
 5. CONCRETE GRADE BEAMS, PIERS AND CAISSONS SHALL BE CENTERED ON ESTABLISHED GRID LINES, U.N.O.
 6. SEE ARCHITECTURAL DRAWINGS FOR FLOOR FINISHES, DEPRESSIONS, AND SLOPES.

CONCRETE GRADE BEAM SCHEDULE					
MARK	SIZES (INCHES)		REINFORCEMENT		STIRRUPS
	WIDTH	DEPTH	TOP BARS	BOTTOM BARS	
GB1	20	48	(6) - #4	(6) - #4	3 16" O.C.
GB2	20	48	(5) - #1	(5) - #1	3 16" O.C.
GB3	20	72	(6) - #4	(6) - #4	3 16" O.C.
GB4	20	72	(5) - #1	(5) - #1	3 16" O.C.
GB4A	22 1/2	72	(5) - #1	(5) - #1	3 16" O.C.
GB5	20	48	(6) - #1	(6) - #1	4 10" O.C.
GB6	30	60	(6) - #4	(6) - #4	3 16" O.C.
GB7	20	36	(4) - #5	(4) - #1	4 16" O.C.
GB8	16	36	(3) - #5	(3) - #1	3 16" O.C.

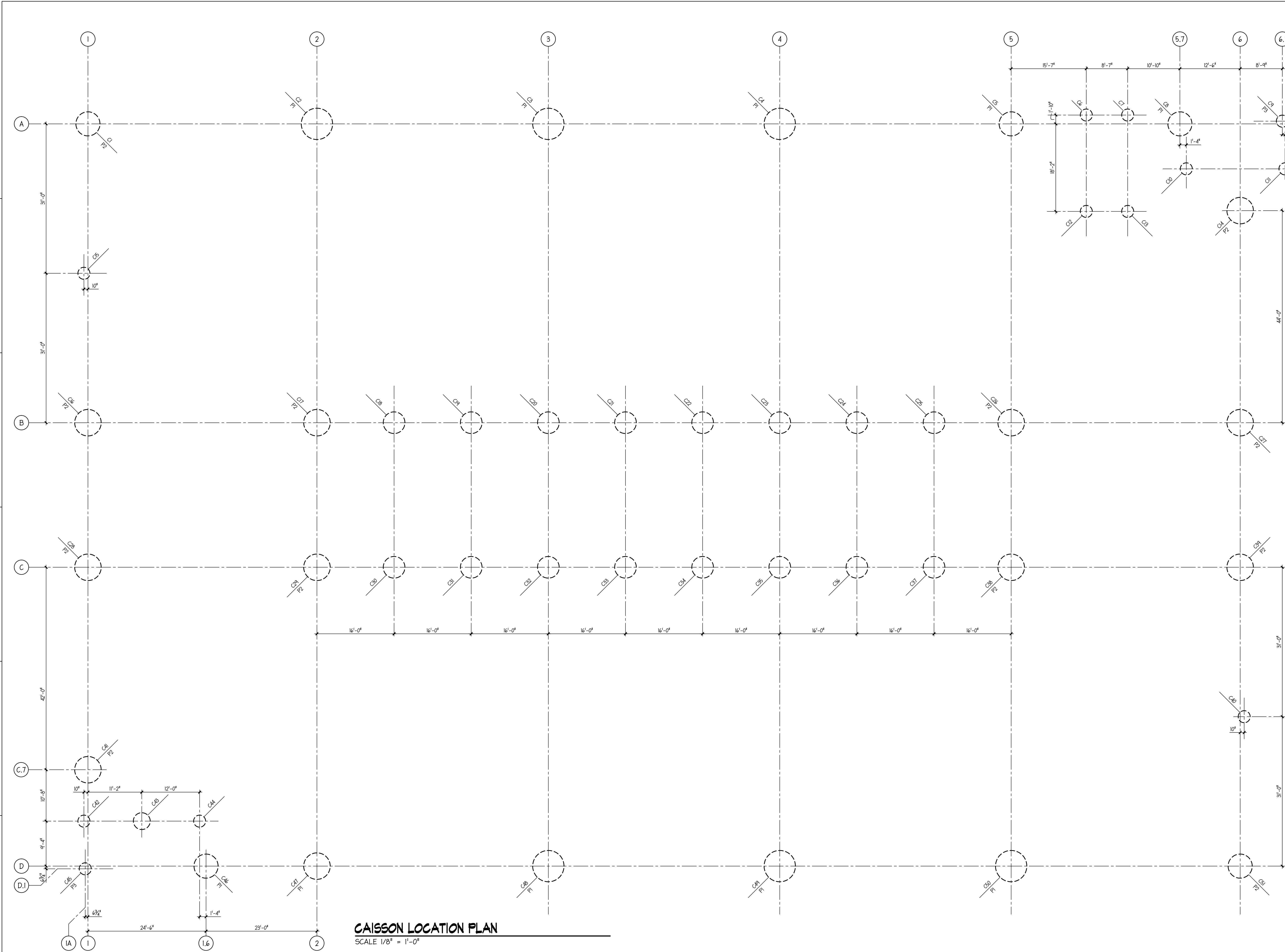
CAISSON SCHEDULE				
MARK	CAISSON Ø (Inches)	SKIN FRICTION SOCKET LENGTH	T/ CAISSON	ESTIMATED B/ CAISSON
C1	60	8'-0"	994'-6"	964'-0"
C2	78	9'-0"	994'-6"	963'-0"
C3	78	9'-0"	994'-6"	963'-0"
C4	78	9'-0"	994'-6"	963'-0"
C5	60	8'-6"	994'-6"	965'-6"
C6	30	3'-6"	992'-6"	970'-6"
C7	30	3'-6"	992'-6"	970'-6"
C8	60	-	994'-6"	974'-0"
C9	30	-	994'-6"	975'-0"
C10	30	5'-0"	992'-6"	969'-0"
C11	30	5'-0"	992'-6"	970'-0"
C12	30	-	992'-6"	970'-6"
C13	30	-	992'-6"	970'-6"
C14	66	-	994'-6"	974'-0"
C15	30	-	994'-6"	972'-0"
C16	66	9'-0"	994'-6"	963'-0"
C17	66	9'-6"	993'-6"	962'-6"
C18	54	6'-6"	993'-6"	965'-6"
C19	54	6'-6"	993'-6"	965'-6"
C20	54	7'-0"	993'-6"	965'-0"
C21	54	6'-6"	993'-6"	965'-6"
C22	54	6'-6"	993'-6"	965'-6"
C23	54	6'-6"	993'-6"	965'-6"
C24	54	6'-6"	993'-6"	965'-6"
C25	54	6'-6"	993'-6"	966'-6"
C26	66	9'-6"	993'-6"	963'-6"
C27	66	9'-0"	994'-6"	965'-0"
C28	66	9'-0"	994'-6"	964'-0"
C29	66	9'-6"	993'-6"	962'-6"
C30	54	6'-6"	993'-6"	965'-6"
C31	54	6'-6"	993'-6"	965'-6"
C32	54	7'-0"	993'-6"	965'-0"
C33	54	6'-6"	993'-6"	965'-6"
C34	54	6'-6"	993'-6"	965'-6"
C35	54	6'-6"	993'-6"	965'-6"
C36	54	6'-6"	993'-6"	965'-6"
C37	54	6'-6"	993'-6"	965'-6"
C38	66	9'-6"	993'-6"	963'-6"
C39	66	9'-0"	994'-6"	965'-0"
C40	30	-	994'-6"	973'-0"
C41	66	-	994'-6"	974'-0"
C42	30	-	994'-6"	974'-0"
C43	42	5'-0"	994'-6"	964'-0"
C44	30	3'-6"	994'-6"	970'-6"
C45	30	-	994'-6"	974'-0"
C46	60	-	994'-6"	974'-0"
C47	66	9'-0"	994'-6"	965'-0"
C48	78	9'-0"	994'-6"	964'-0"
C49	78	9'-0"	994'-6"	964'-0"
C50	78	9'-0"	994'-6"	964'-0"
C51	60	8'-0"	994'-6"	965'-0"



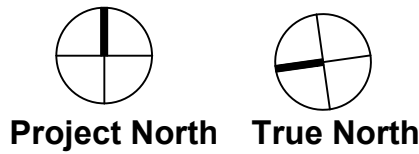
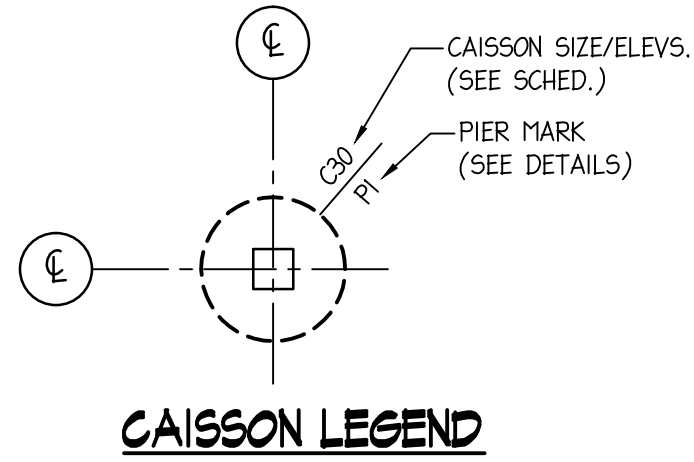
CONSTRUCTION DOCUMENTS

CONSULTANTS: Keystone Structural Solutions Consulting Engineers 8150 Perry Highway Suite 302 Pittsburgh, PA 15227 Phone: 412.369.9020 Fax: 412.369.9021 www.kss-eng.com Project No. 11092		ARCHITECT/ENGINEERS: architecture planning interior design IKM Incorporated One PPG Place Pittsburgh, PA 15222 412-281-1337 www.ikm-inc.com		Drawing Title FOUNDATION PLAN Approved: Project Director	Project Title VA Clarksburg Parking Garage Location VAMC Clarksburg West Virginia Date 4 June 2015 Checked Drawn	VA Project Number 540-320 IKM Project Number 10-163 Building Number Drawing Number S100 Dwg. of	Office of Construction and Facilities Management Department of Veterans Affairs
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one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot



CAISSON SCHEDULE				
MARK	CAISSON Ø (Inches)	SKIN FRICTION (Inches)	T/ CAISSON	ESTIMATED B/ CAISSON
C1	60	8'-0"	994'-6"	964'-0"
C2	78	9'-0"	994'-6"	963'-0"
C3	78	9'-0"	994'-6"	963'-0"
C4	78	9'-0"	994'-6"	963'-0"
C5	60	8'-6"	994'-6"	965'-6"
C6	30	3'-6"	992'-6"	970'-6"
C7	30	3'-6"	992'-6"	970'-6"
C8	60	-	994'-6"	974'-0"
C9	30	-	994'-6"	975'-0"
C10	30	5'-0"	992'-6"	969'-0"
C11	30	5'-0"	992'-6"	970'-0"
C12	30	-	992'-6"	970'-6"
C13	30	-	992'-6"	970'-6"
C14	66	-	994'-6"	974'-0"
C15	30	-	994'-6"	972'-0"
C16	66	9'-0"	994'-6"	963'-0"
C17	66	9'-6"	993'-6"	962'-6"
C18	54	6'-6"	993'-6"	965'-6"
C19	54	6'-6"	993'-6"	965'-6"
C20	54	7'-0"	993'-6"	965'-0"
C21	54	6'-6"	993'-6"	965'-6"
C22	54	6'-6"	993'-6"	965'-6"
C23	54	6'-6"	993'-6"	965'-6"
C24	54	6'-6"	993'-6"	965'-6"
C25	54	6'-6"	993'-6"	966'-6"
C26	66	9'-6"	993'-6"	963'-6"
C27	66	9'-0"	994'-6"	965'-0"
C28	66	9'-0"	994'-6"	964'-0"
C29	66	9'-6"	993'-6"	962'-6"
C30	54	6'-6"	993'-6"	965'-6"
C31	54	6'-6"	993'-6"	965'-6"
C32	54	7'-0"	993'-6"	965'-0"
C33	54	6'-6"	993'-6"	965'-6"
C34	54	6'-6"	993'-6"	965'-6"
C35	54	6'-6"	993'-6"	965'-6"
C36	54	6'-6"	993'-6"	965'-6"
C37	54	6'-6"	993'-6"	965'-6"
C38	66	9'-6"	993'-6"	963'-6"
C39	66	9'-0"	994'-6"	965'-0"
C40	30	-	994'-6"	973'-0"
C41	66	-	994'-6"	974'-0"
C42	30	-	994'-6"	974'-0"
C43	42	5'-0"	994'-6"	964'-0"
C44	30	3'-6"	994'-6"	970'-0"
C45	30	-	994'-6"	974'-0"
C46	60	-	994'-6"	974'-0"
C47	66	9'-0"	994'-6"	965'-0"
C48	78	9'-0"	994'-6"	964'-0"
C49	78	9'-0"	994'-6"	964'-0"
C50	78	9'-0"	994'-6"	964'-0"
C51	60	8'-0"	994'-6"	965'-0"



CONSTRUCTION DOCUMENTS

Revisions:

Date

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Project No. 11092

ANTHONY L. MOSKOWSKI

REGISTERED PROFESSIONAL ENGINEER

STATE OF WEST VIRGINIA

18741

Anthony R. Moscardelli

ARCHITECT/ENGINEERS:

architecture planning interior design

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One PPG Place

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Drawing Title

CAISSON LOCATION PLAN

Approved: Project Director

Project Title

VA Clarksburg Parking Garage

Location

VAMC Clarksburg West Virginia

Date

4 June 2015

Checked

Drawn

VA Project Number

540-320

IKM Project Number

10-163

Building Number

Drawing Number

S101

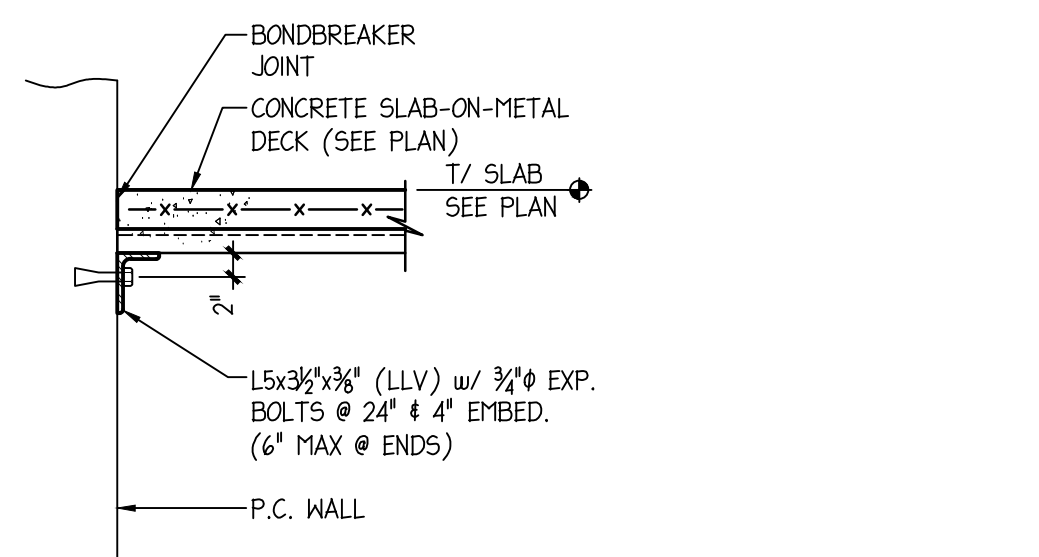
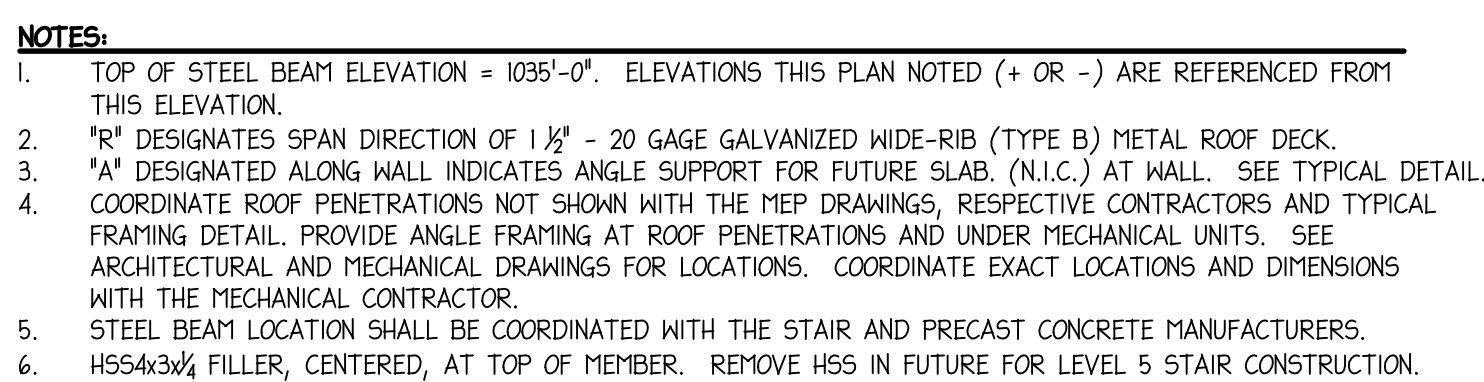
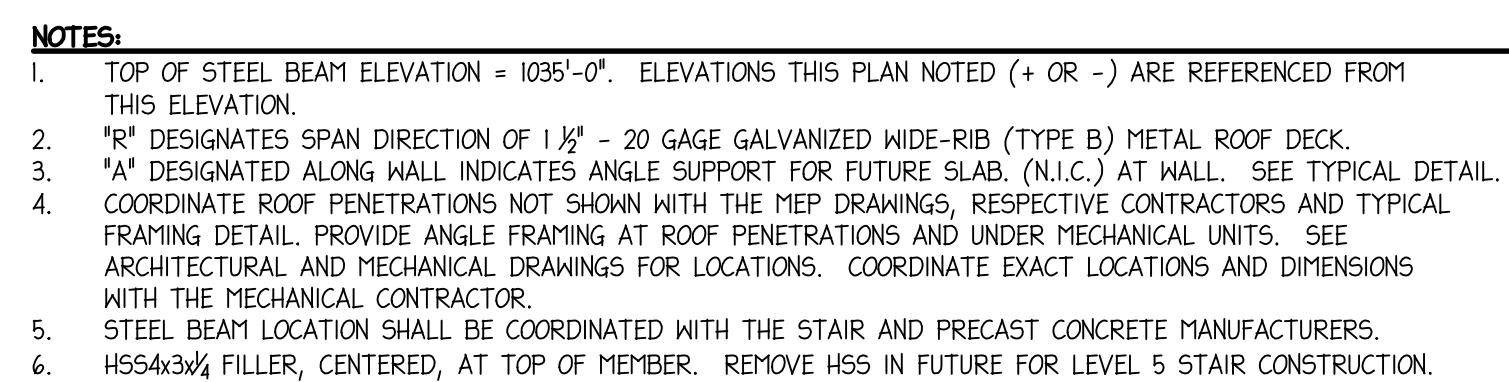
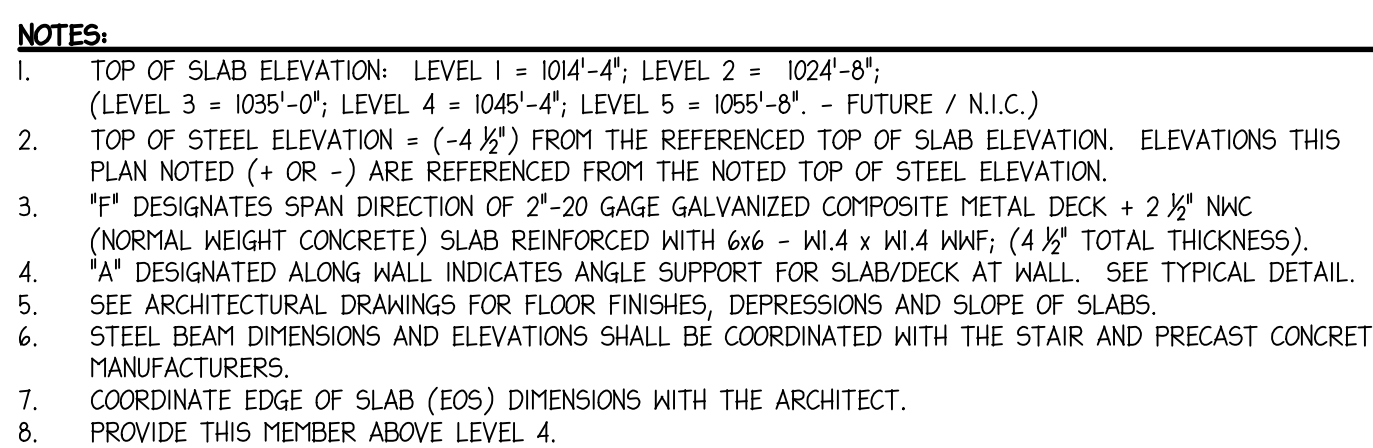
Dwg. of

Office of Construction and Facilities Management

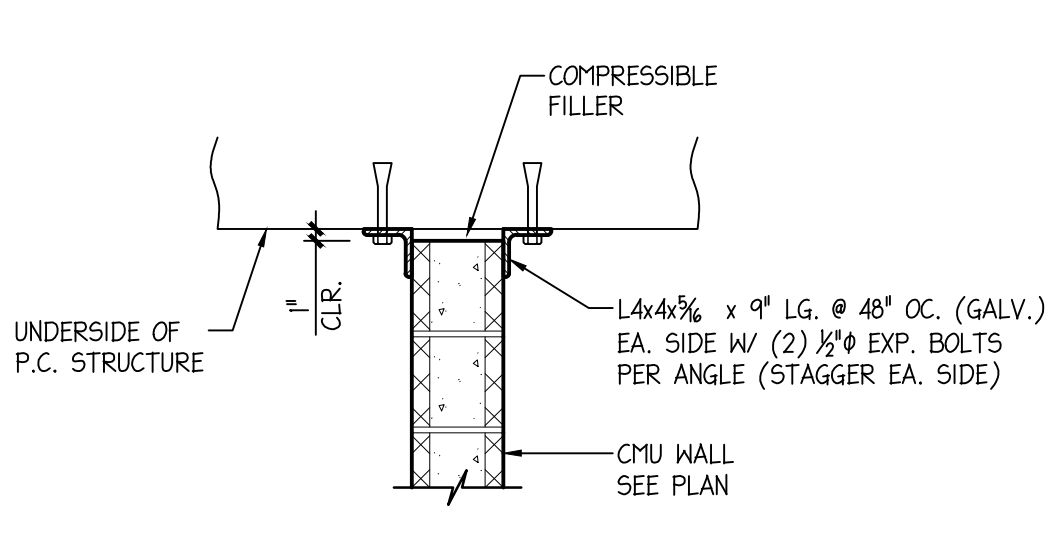
Department of Veterans Affairs

NOTES:

1. TOP OF SLAB ELEVATION: LEVEL 1 = $1004'-0"$, LEVEL 2 = $1004'-0"$,
(LEVEL 3 = $1005'-0"$, LEVEL 4 = $1005'-0"$, LEVEL 5 = $1005'-0"$, - FUTURE / N.I.C.)
2. TOP OF STEEL ELEVATION (+4 1/2") FROM THE REFERRED TOP OF SLAB ELEVATION.
ELEVATIONS THIS PLAN NOT (+ or -) ARE REFERENCED FROM THE NOTED TOP OF STEEL ELEVATION, UNO.
3. "F" DESIGNATES SPAN DESIGN OF 2'-0" GAGE GALVANIZED COMPOSITE METAL DECK + 2" NYC
(NORMAL HEIGHT CONCRETE) SLAB REINFORCED WITH 6#6 - W/4 x 14" W/4#6; (4" ALL THICKNESS).
"A" DESIGNATED ALL BARS INDICATES ANGLE SUPPORT FOR METAL DECK; AT WALL, SEE TYPICAL DETAIL.
4. ARCHITECTURAL FINISHES FOR FLOOR FINISHES, DEPRESSIONS AND SLOPE OF SLABS,
STEEL BEAM DIMENSIONS AND ELEVATIONS SHALL BE COORDINATED WITH THE STAIR AND PRECAST
CONCRETE MANUFACTURERS.
5. COORDINATE SPAN DESIGN OF 2'-0" GAGE GALVANIZED WIDE-RIB (TYPE B) METAL ROOF DECK.
6. COORDINATE EDGE OR EAVE (EOS) DIVISIONS WITH THE ARCHITECT.
7. PROVIDE THIS MEMBER ABOVE LEVEL 4.

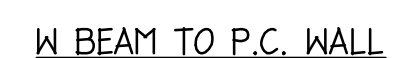


1. PROVIDE FRAME AT OPENING WHERE ANY OPENING DIMENSION EXCEEDS l_0
2. WHEN JOIST SPACING EXCEEDS $6'-0"$, VERIFY ALL ANGLE SIZES W/ ENGINEER
3. COORDINATE OPENING DIMENSIONS, LOCATIONS, AND CURB CONSTRUCTION W/ ARCH. & MECH. DWG'S
4. PROVIDE $16w_{40}$ (LLV) UNDER MECH. UNIT CURBS NOT SUPPORTED BY ROOF JOISTS OR BEAMS.
WHERE UNIT CURE PARALLEL TO JOIST EXCEEDS $6'-0"$ PROVIDE $16w_{40}$ @ $6'-0"$ O.C. TO
SUPPORT UNIT CURB ANGLE.
5. WHERE ROOF STEEL SLOPES, CURB HEIGHTS MUST VARY TO PROVIDE A LEVEL SURFACE.

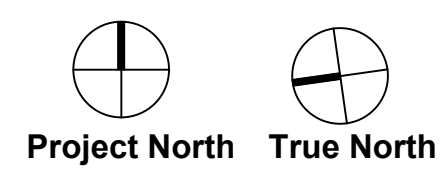
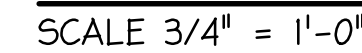
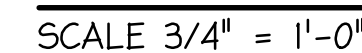


MODIFY ANGLES PER
STRUCTURAL PROFILE
AS APPLICABLE

SUPPORT AT P.C.



- NOTES:
1. EMBED PLATE TO BE DESIGNED AND PROVIDED BY THE PRECAST BUILDING MANUFACTURER.
 2. MEMBER REACTION AT EMBED $P = 7.0k$



		WALL THICKNESS				
		4" WALL	6" WALL	8" WALL	10" WALL	12" WALL
MO. SIZE	UP TO 4'-0"	L4 x 3½ x 5/8	WT4x10.5	L4 x 3½ x 5/8	L4 x 3½ x 3/4 + L5 x 3½ x 3/4	JLL4 x 3½ x 5/8
	4'-0" TO 6'-0"	L5 x 3½ x 3/4	WT5x11	L5 x 3½ x 5/8	L5 x 5 x 3/4 + L6 x 4 x 3/4	JLL5 x 3½ x 5/8
	6'-0" TO 8'-0"	L6 x 3½ x 3/4	-	L6 x 3½ x 5/8	L6 x 5 x 3/4 + L6 x 4 x 3/4	JLL6 x 3½ x 5/8

- LINTE NOTES:
- (1) SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING SIZE AND LOCATION.
 - (2) CONNECT 2 ANGLES OF ALL 2 AND 3 ANGLE LINTES BACK TO BACK AT 24" O.C. MAX.
 - (3) ANGLES LONG ENDS VERTICAL - UNLESS OTHERWISE NOTED BY SYMBOL.
 - (4) BEARING END OF STEEL LINTES TO BE WELDED TO CONCRETE WITH BUILDING PADS.
 - (5) PROVIDE MINIMUM 6" BEARING ON BRICK OR HOT DIP GALVANIZED PER SPECIFICATIONS.
 - (6) EXTERIOR LINTES ASSEMBLIES SHALL BE SOLD DIP GALVANIZED PER SPECIFICATIONS.
 - (7) BEARING MINIMUM 6" WALL THICKNESS > 8" HIGH GROUT CHAMF OR BRICK BEARING PAD UNDER ALL LINTES, UNLESS OTHERWISE NOTED. GROUT Joints OF MASONRY OPENINGS 6" & LARGER RAIL HEIGHT FOR 18" MINIMUM LENGTH.
 - (8) GROUT JOINTS OF MASONRY OPENINGS IS ADJACENT TO COLUMN AND LINTES HAS LESS THAN 6" BEARING ON CMU. BEARING SHALL ONLY COLUMN FLANGES.
 - (9) USE THIS SCHEDULE AT BEARING WALLS. QUANTITY HEREIN IS INDICATED ON PLAN W/ SIZE/DESIGNATION.

		WALL THICKNESS				
		4" WALL	6" WALL	8" WALL	10" WALL	12" WALL
MO. SIZE	UP TO 4'-0"	L4 x 3½ x 5/8	WT4x10.5	L4 x 3½ x 5/8	L4 x 3½ x 3/4 + L5 x 3½ x 3/4	JLL4 x 3½ x 5/8
	4'-0" TO 6'-0"	L5 x 3½ x 3/4	WT5x11	L5 x 3½ x 5/8	L5 x 5 x 3/4 + L6 x 4 x 3/4	JLL5 x 3½ x 5/8
	6'-0" TO 8'-0"	L6 x 3½ x 3/4	-	L6 x 3½ x 5/8	L6 x 5 x 3/4 + L6 x 4 x 3/4	JLL6 x 3½ x 5/8

[illegible]

CONSULTANTS:


**Keystone
Structural
Solutions**

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Consulting Engineers

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Suite 302
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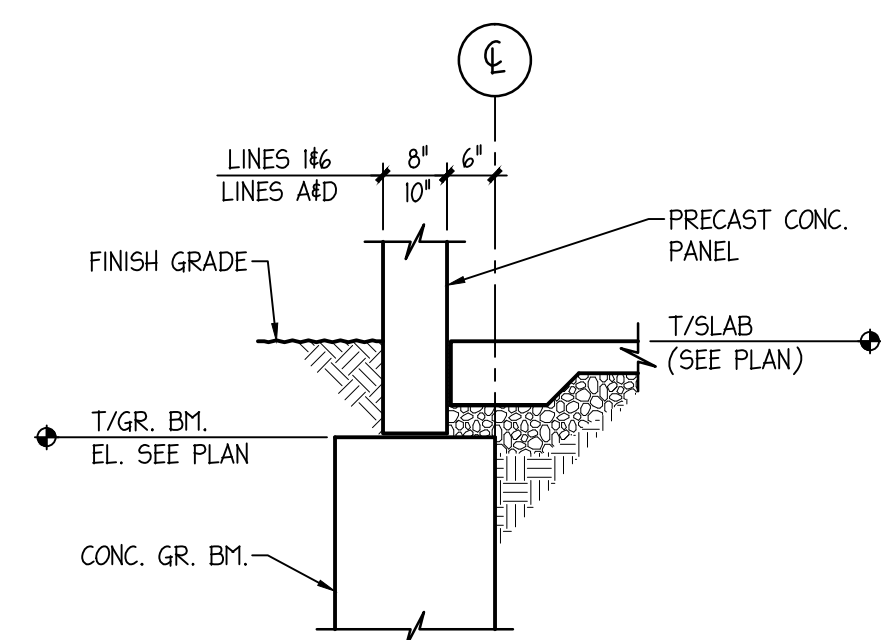
Phone: 412.369.9020
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Project No. 11092



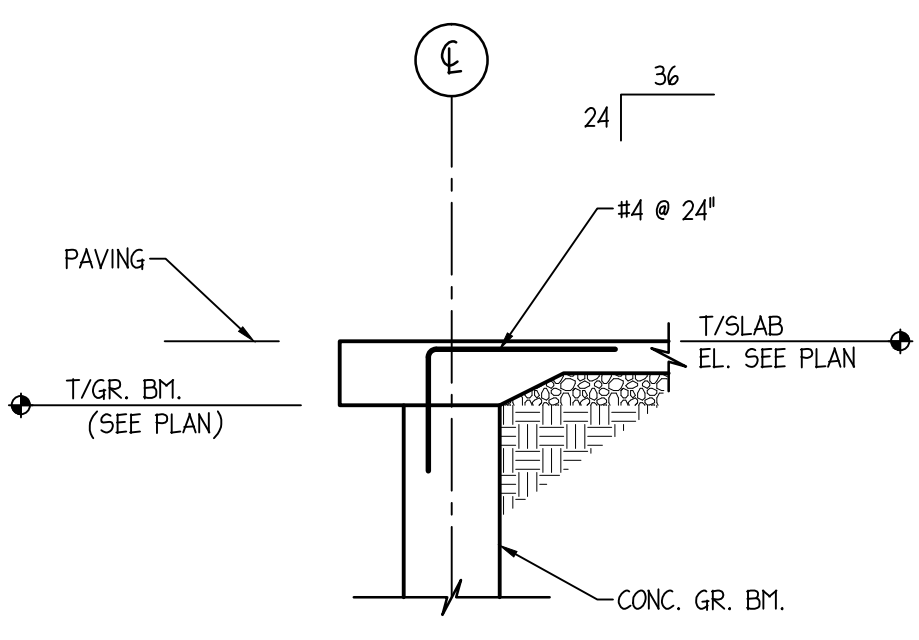
ARCHITECT/ENGINEERS:	<p>architecture planning interior design</p> <p>IKM Incorporated One PPG Place Pittsburgh, PA 15222 412-281-1337 www.ikminc.com</p>
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Drawing Title	STAIR & ELEVATOR FRAMING PLANS, DETAILS & SECTIONS

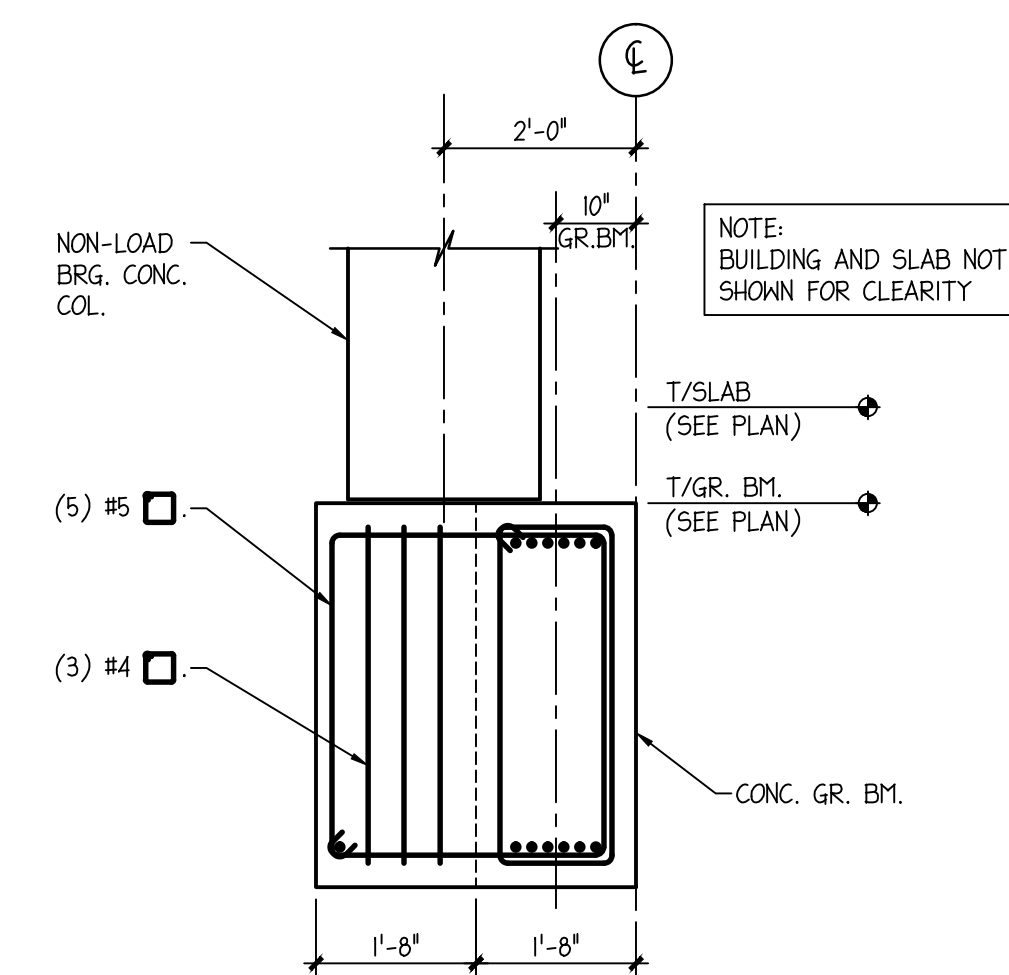
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Location VAMC Clarksburg West Virginia			Building Number	
Date 4 JUNE 2015			Drawing Number S102	
Checked			Dwg. of	
Drawn				



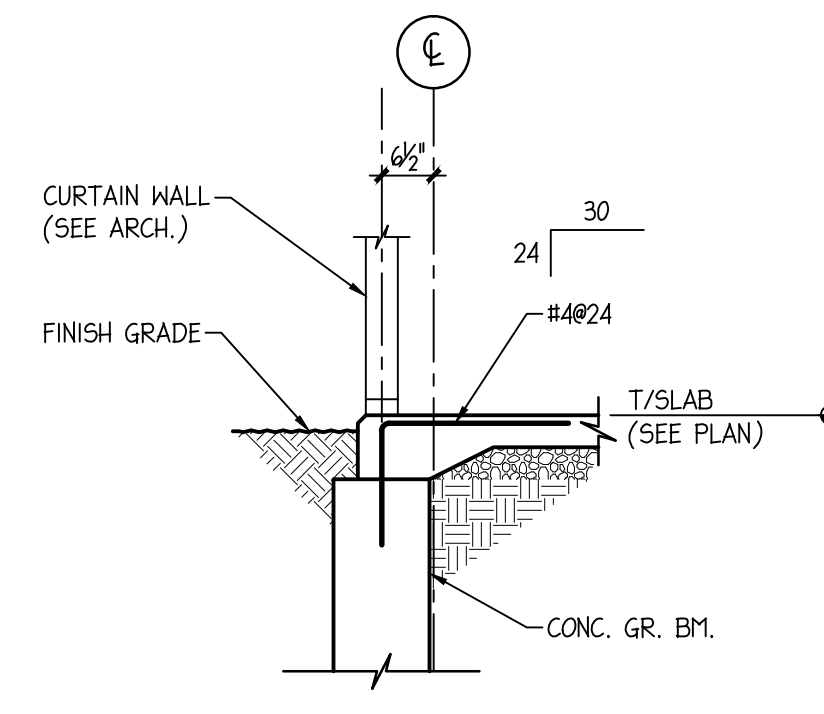
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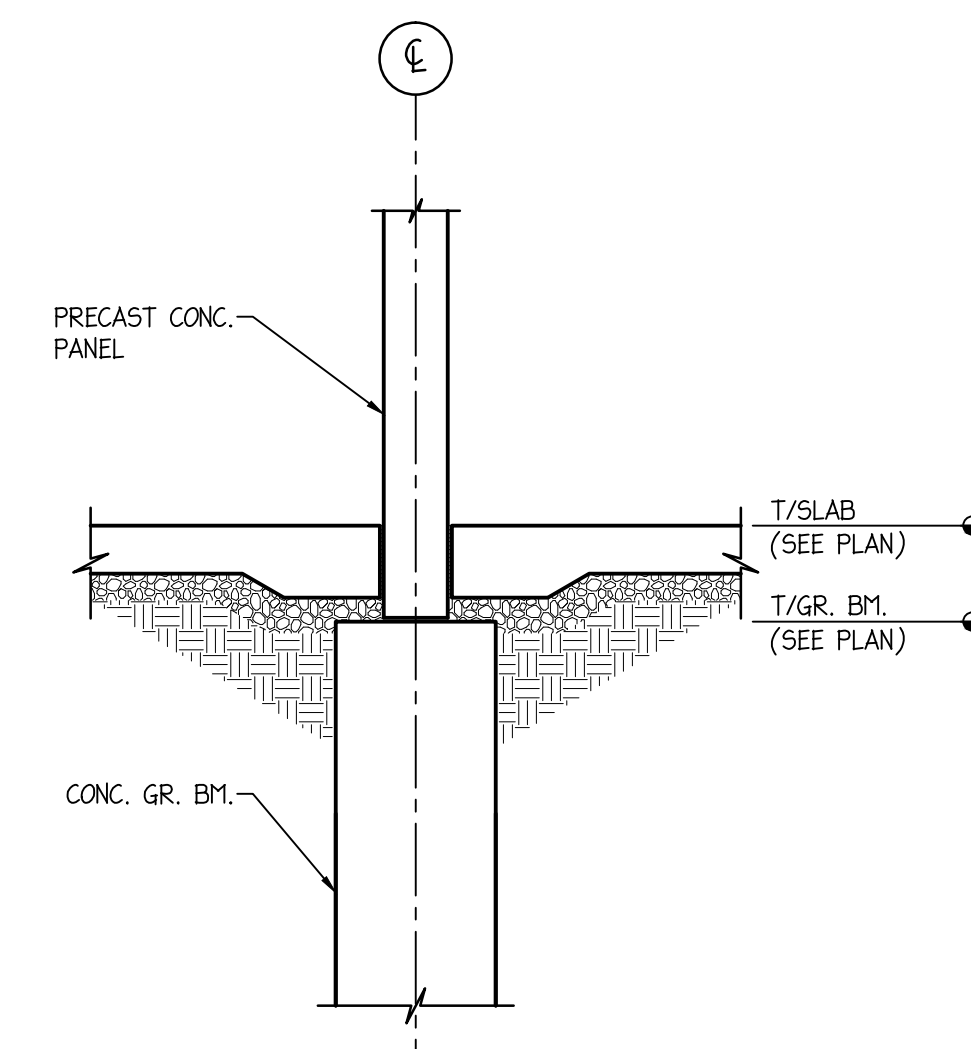
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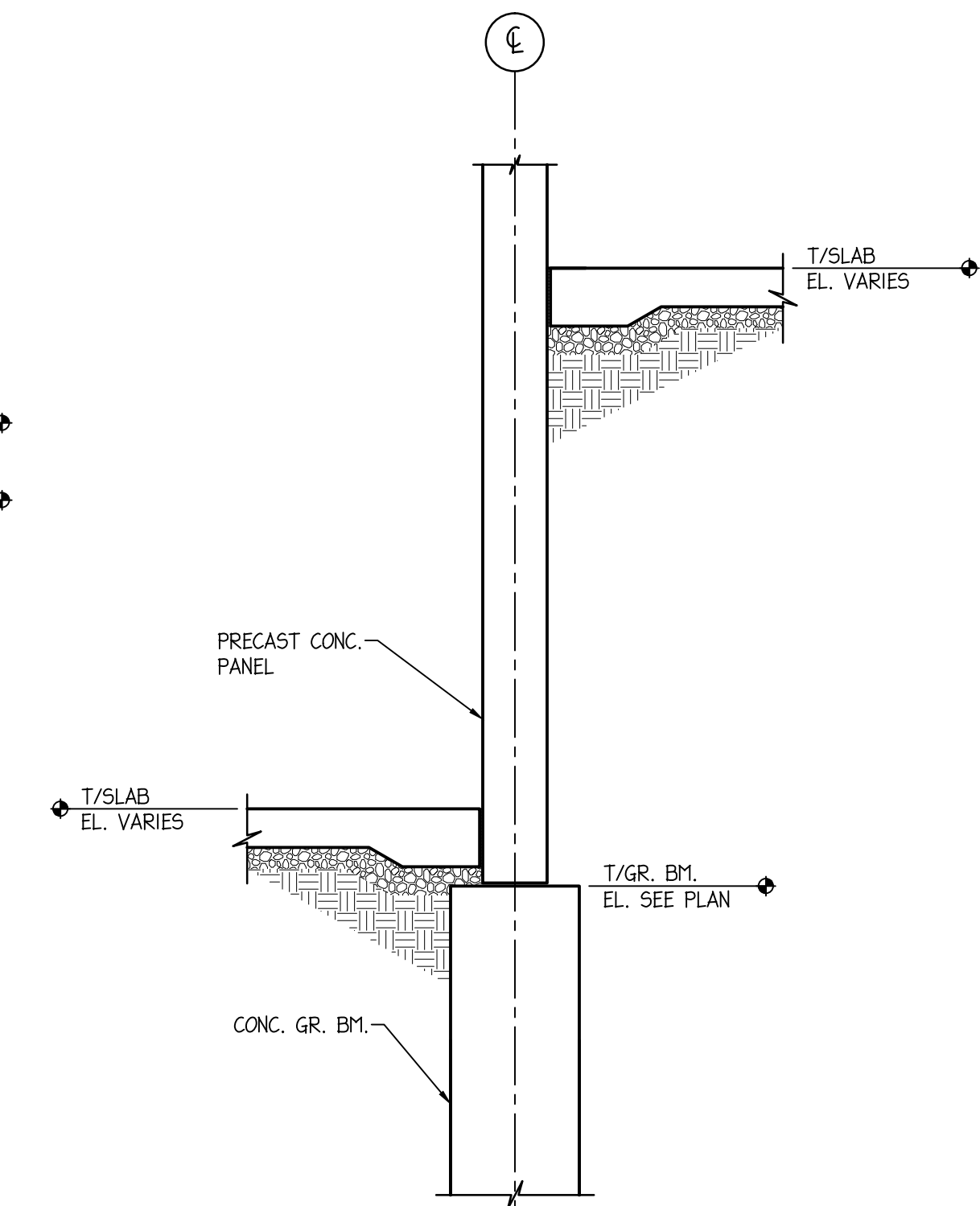
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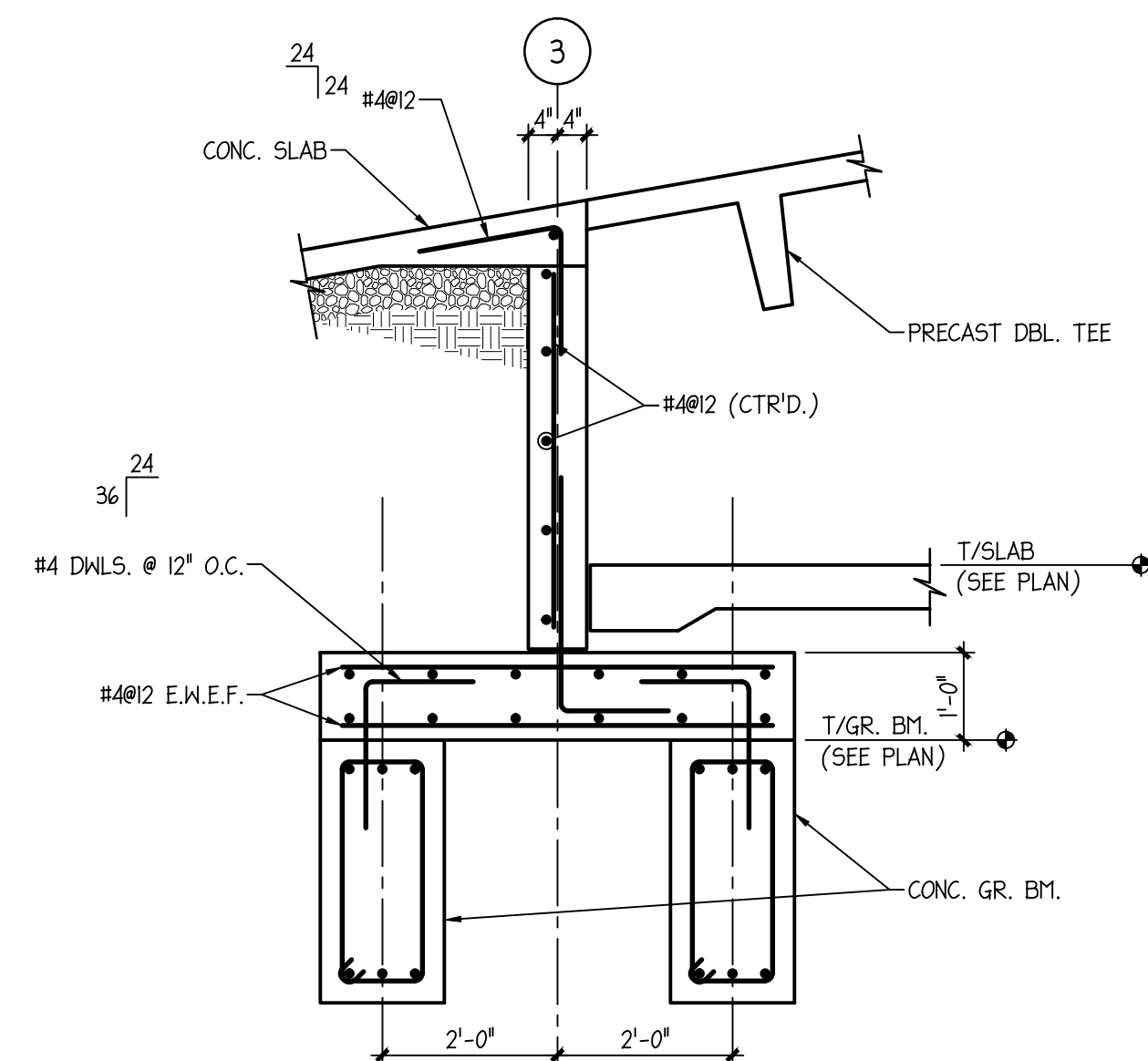
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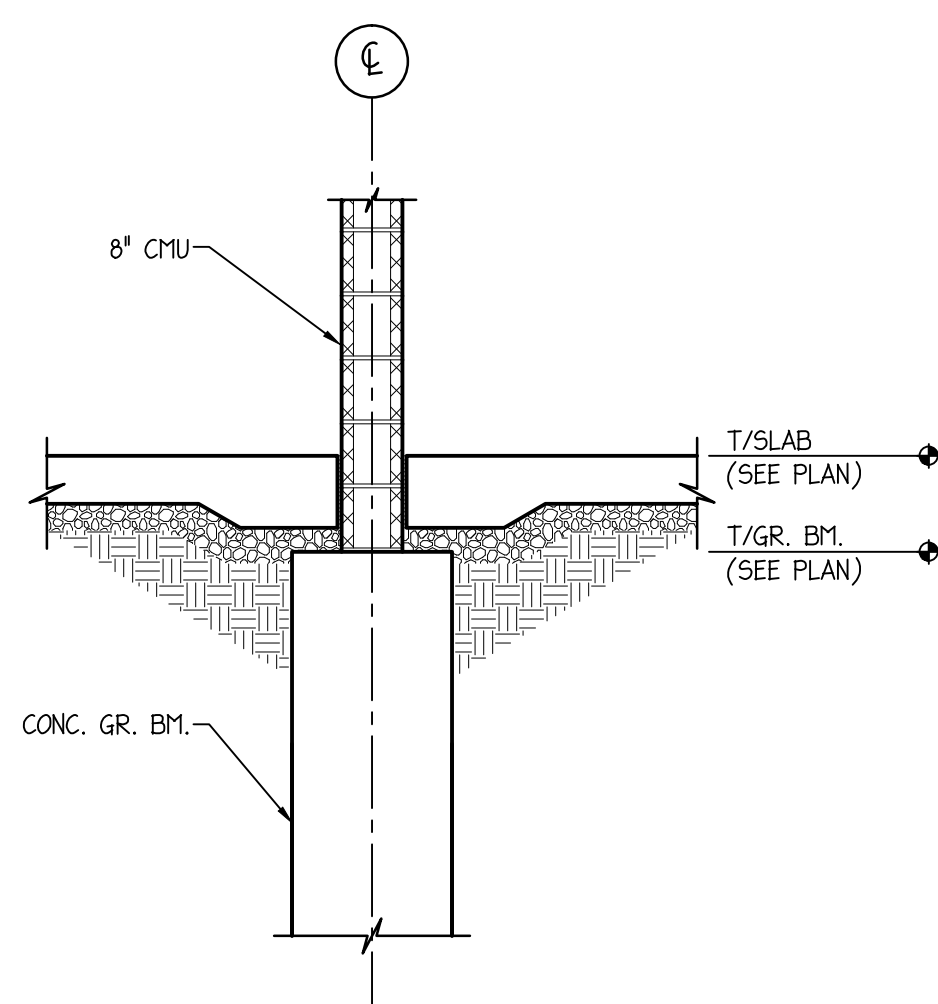
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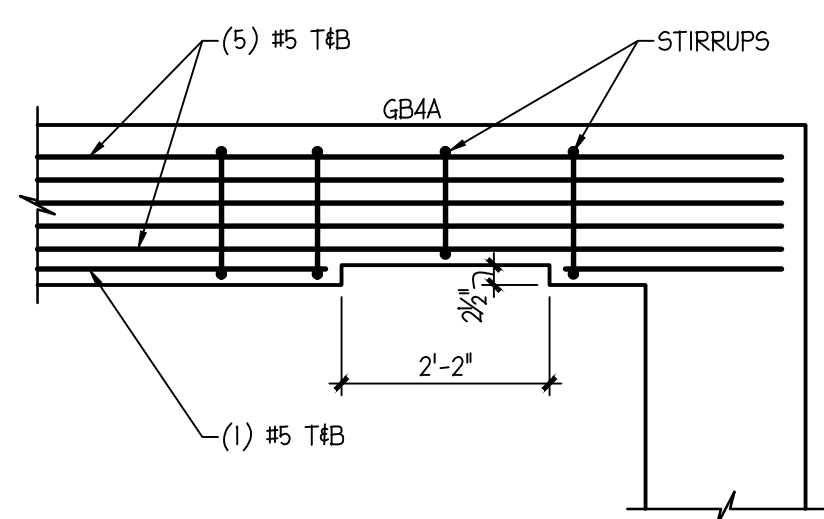
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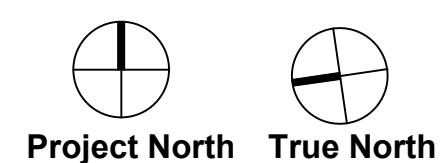
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SECTION
SCALE: 1/2"=1'-0"



PLAN DETAIL
SCALE: 1/2"=1'-0"



CONSTRUCTION DOCUMENTS

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