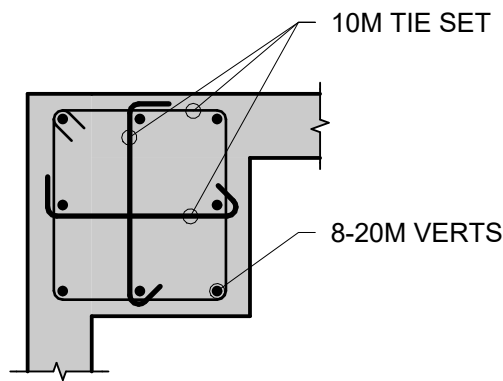
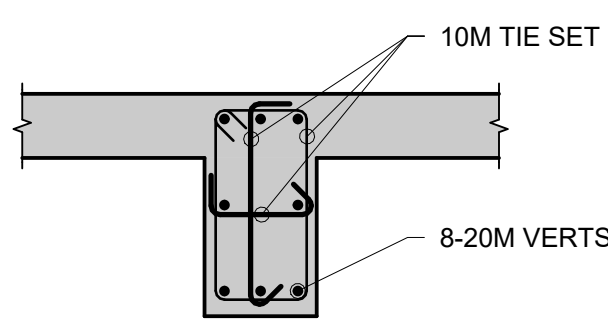


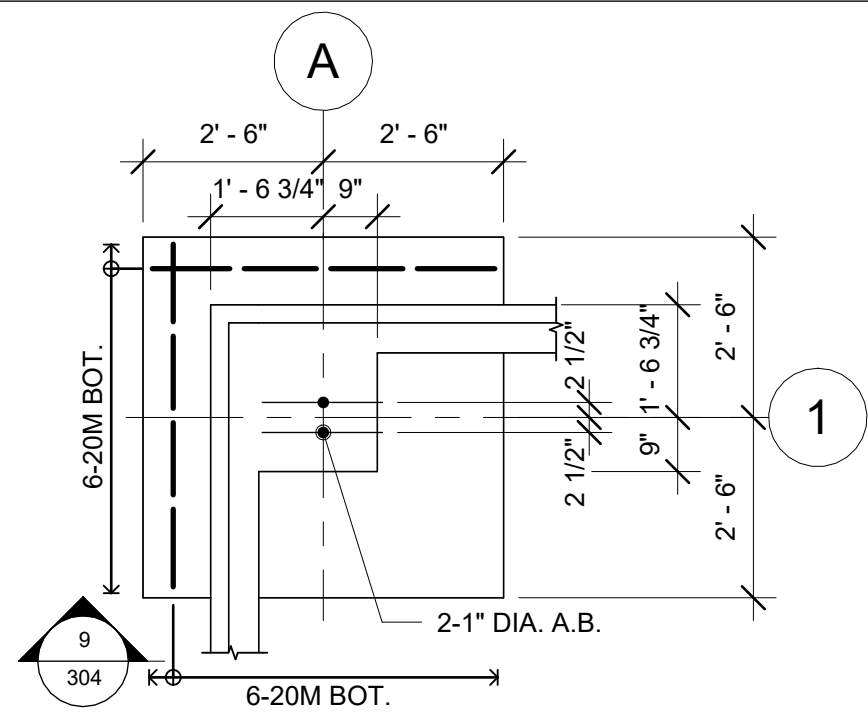
1 FUNDATION PLAN
1/8" = 1'-0"



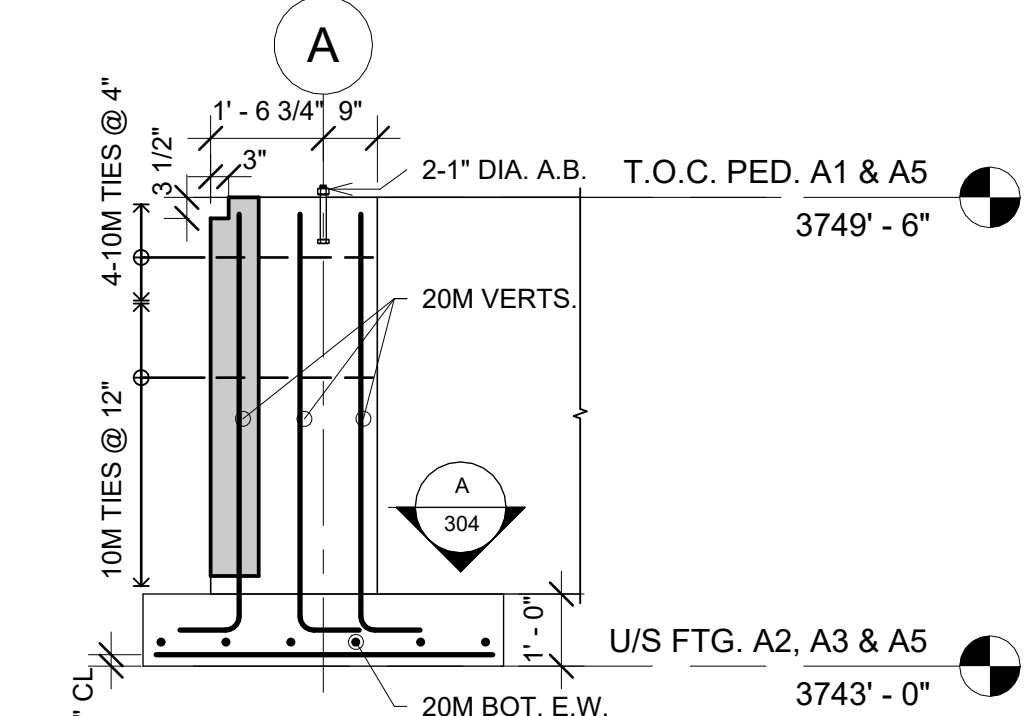
A PEDESTAL A
1/2" = 1'-0"



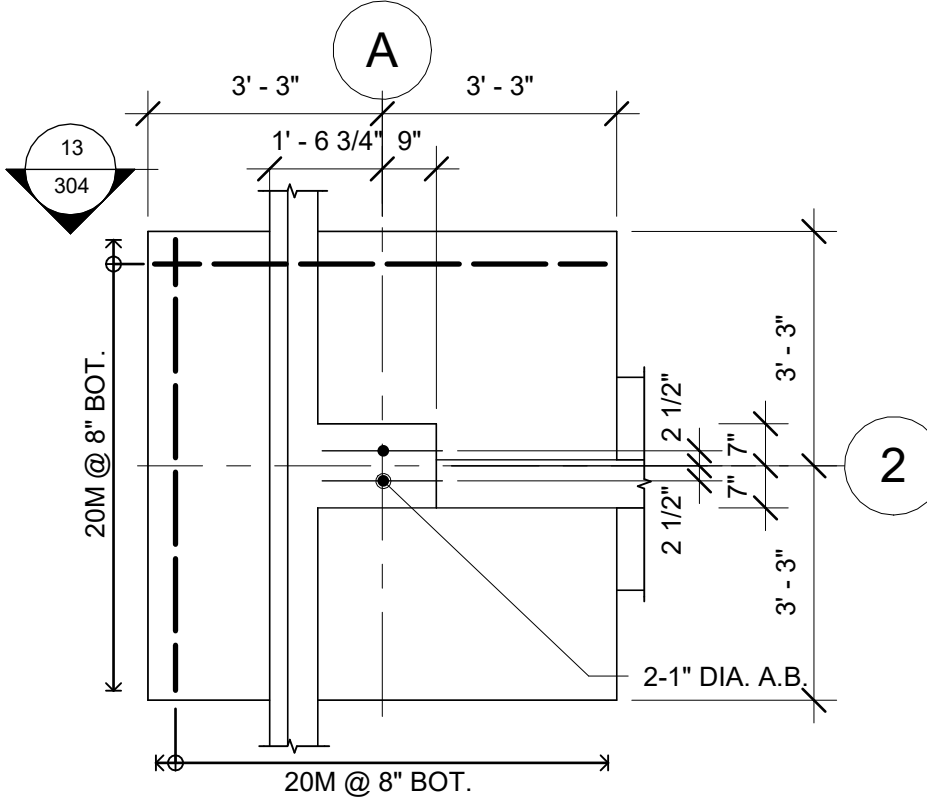
B PEDESTAL B
1/2" = 1'-0"



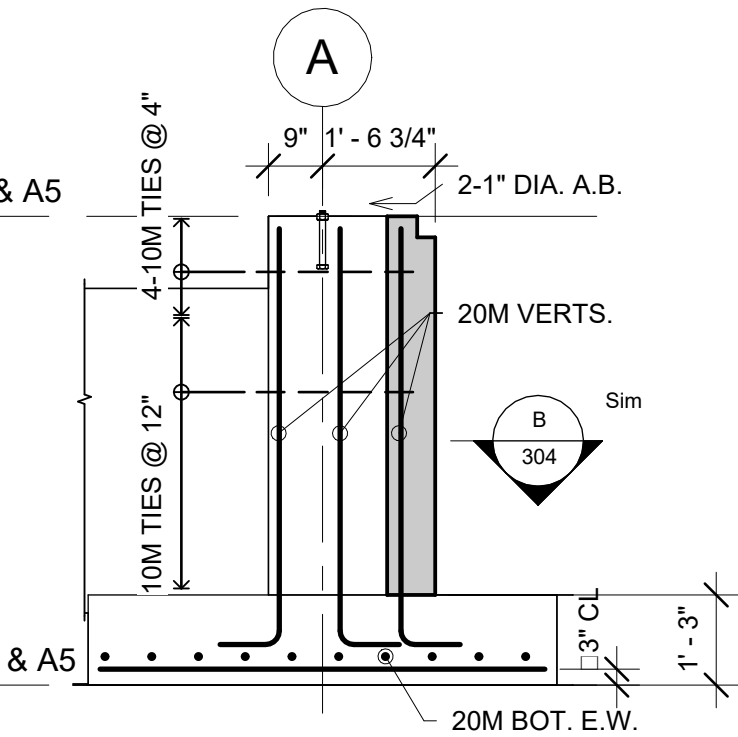
2 FTG. F-1
3/8" = 1'-0"



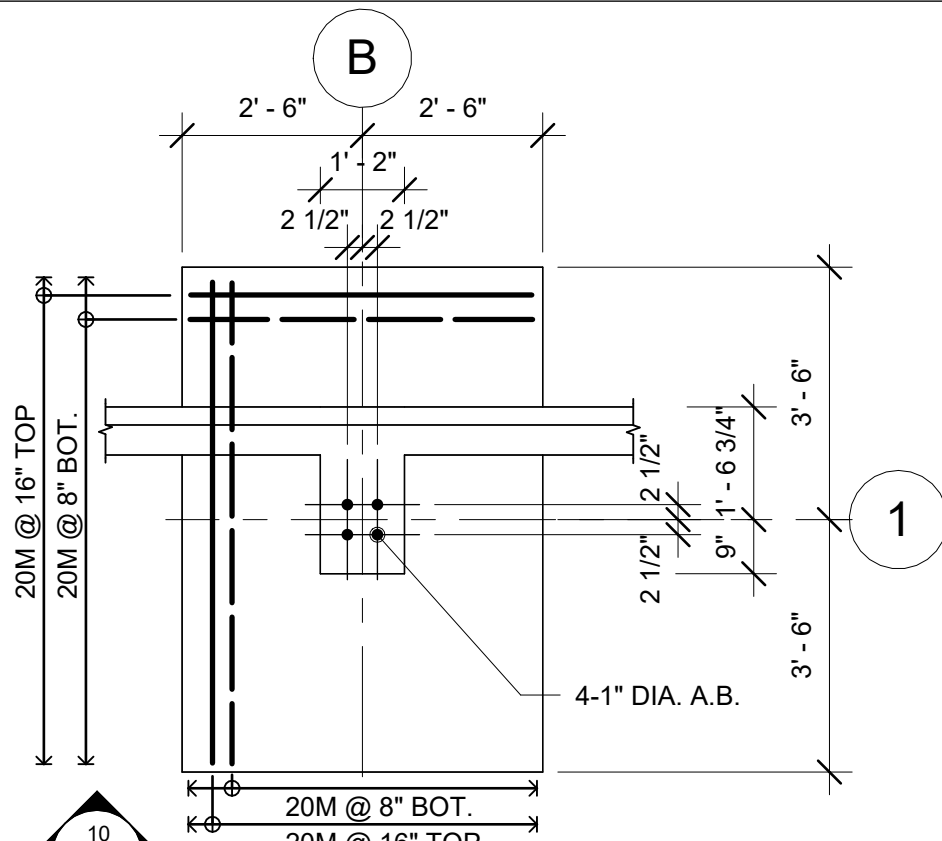
9 FTG. F-1A
3/8" = 1'-0"



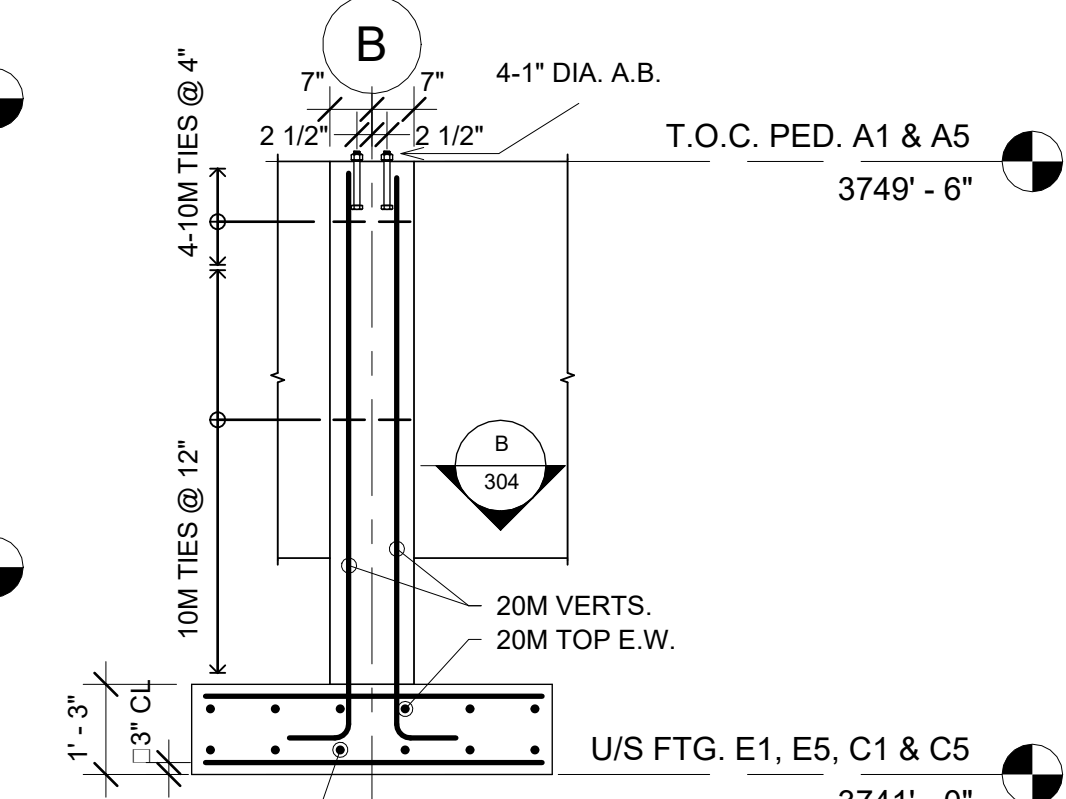
6 FTG. F-5
3/8" = 1'-0"



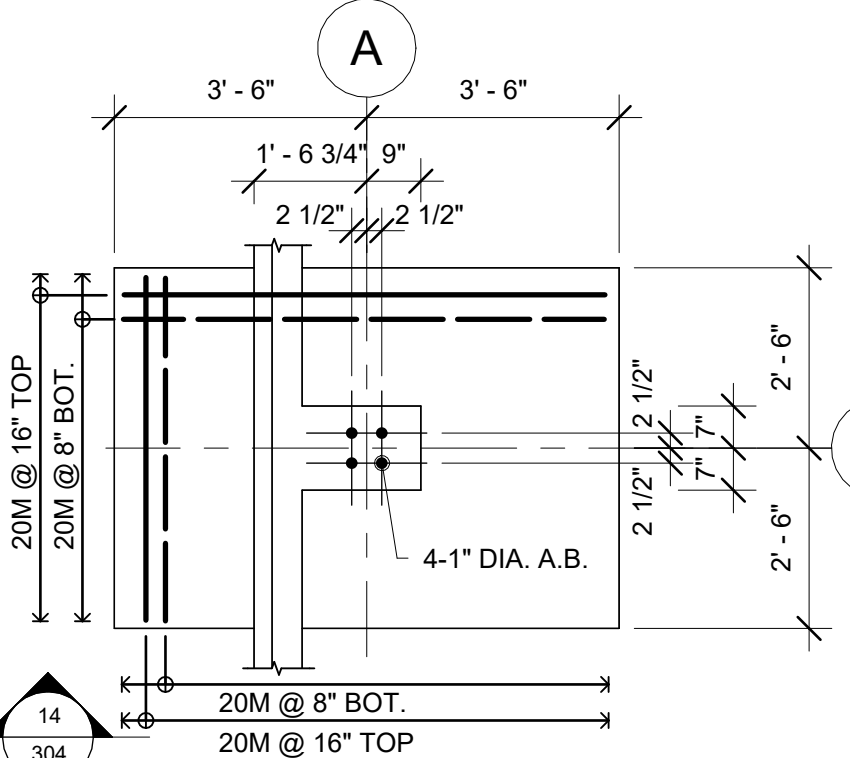
13 FTG. F-5A
3/8" = 1'-0"



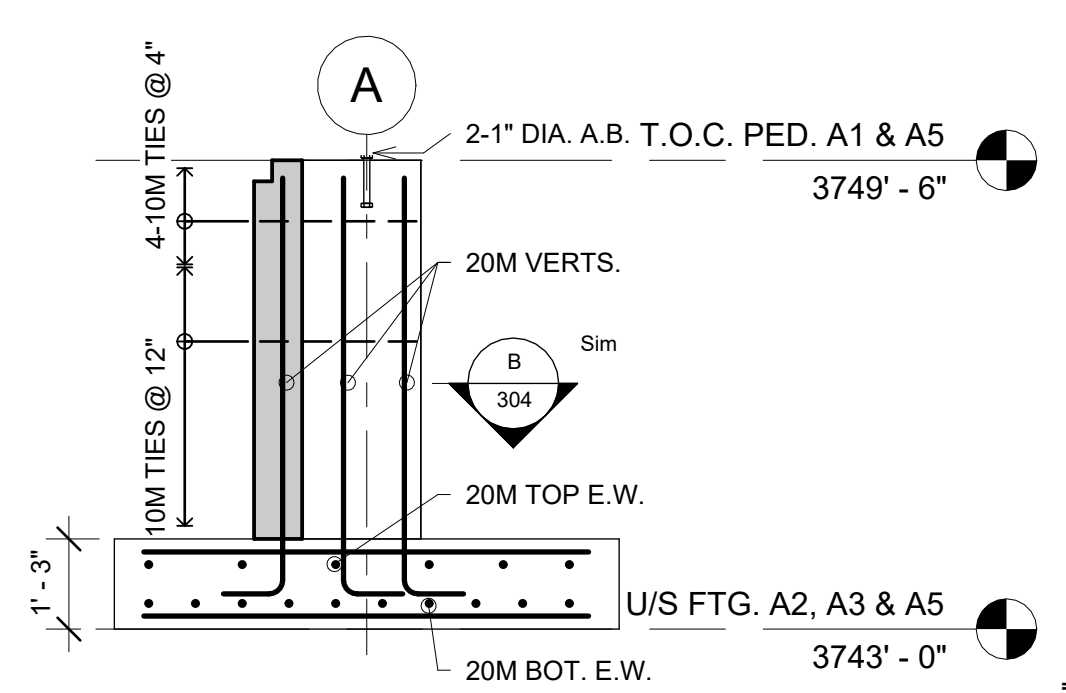
3 FTG. F-2
3/8" = 1'-0"



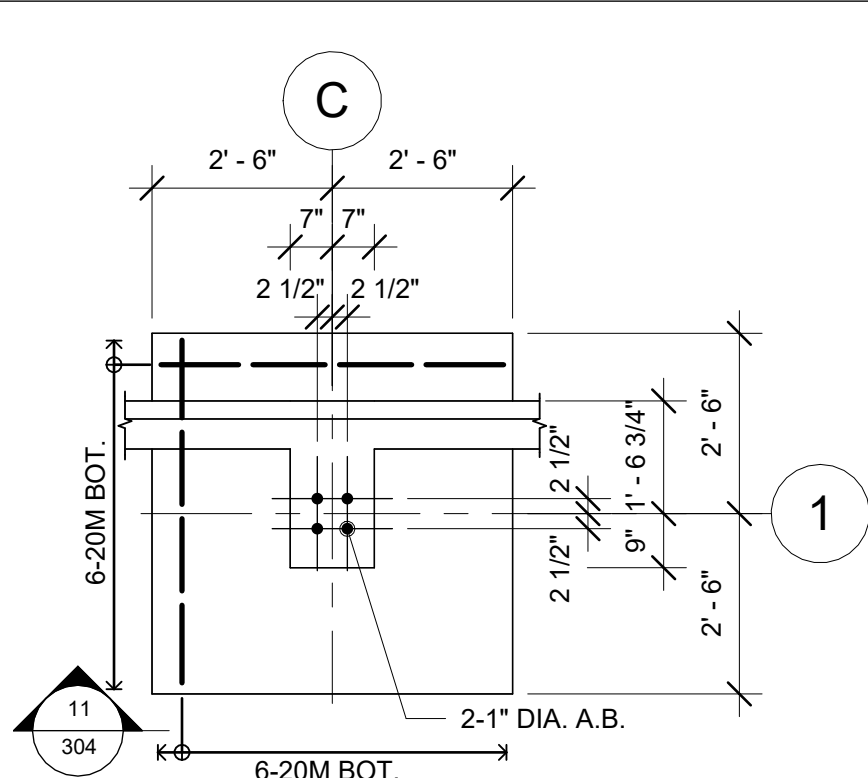
10 FTG. F-2A
3/8" = 1'-0"



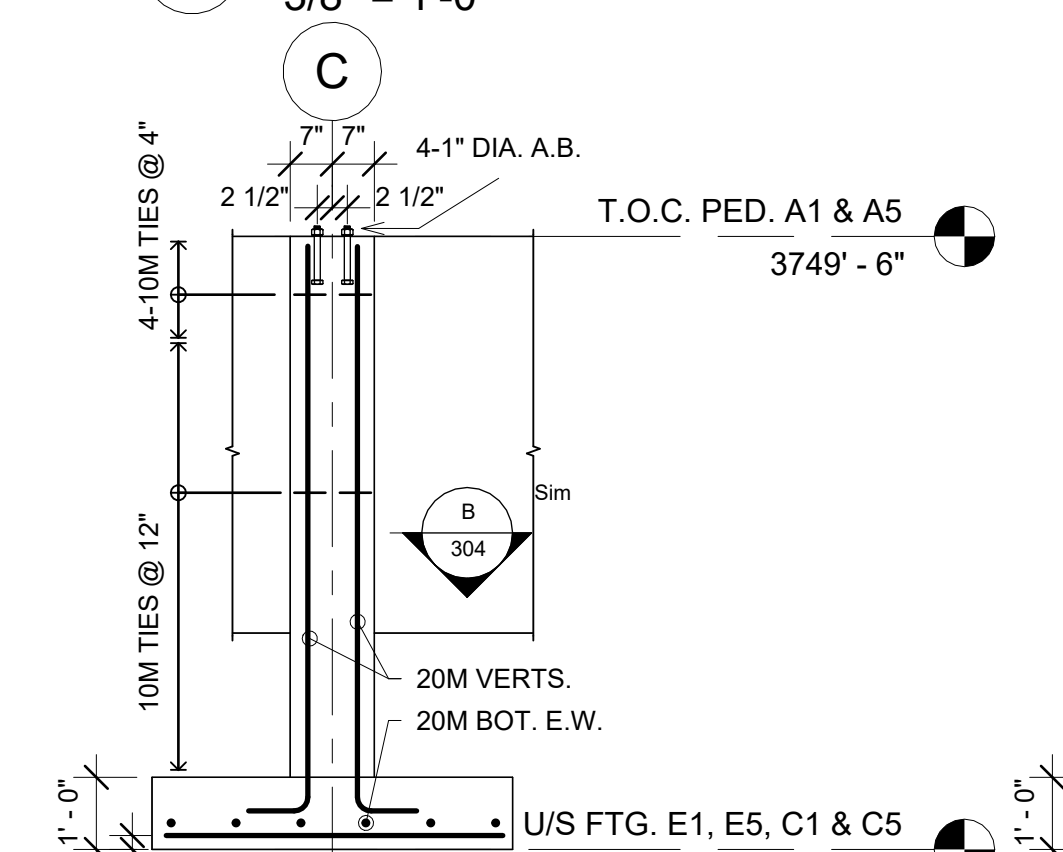
7 FTG. F-6
3/8" = 1'-0"



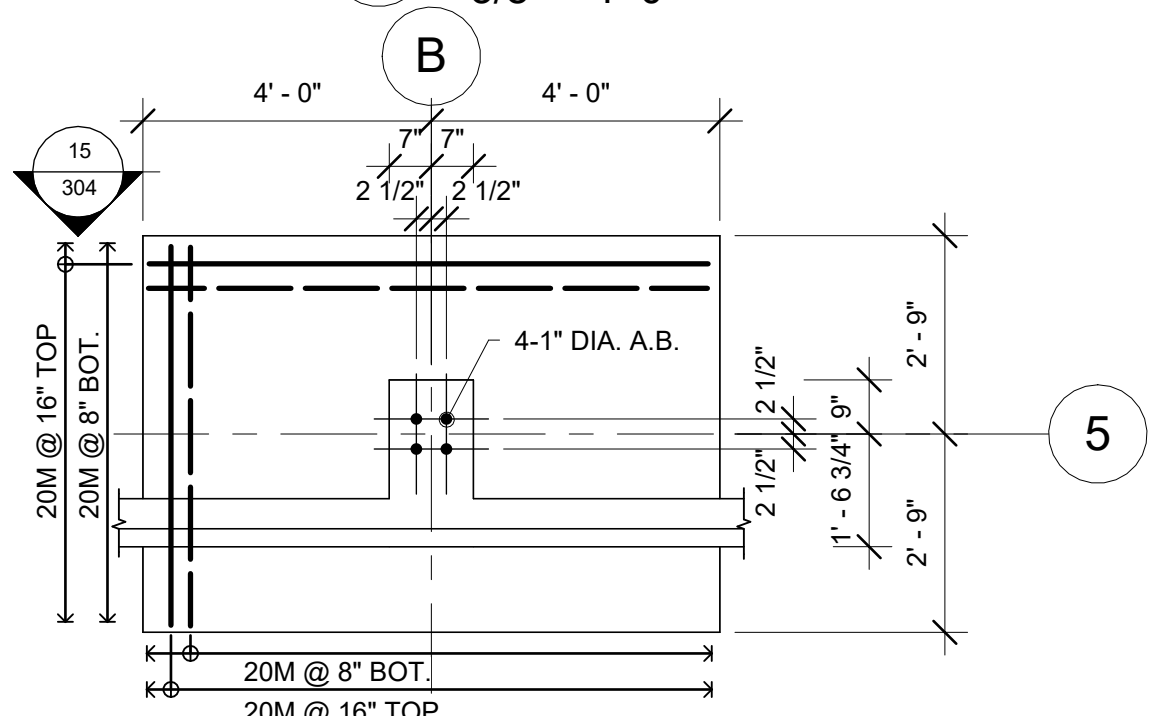
14 FTG. F-6A
3/8" = 1'-0"



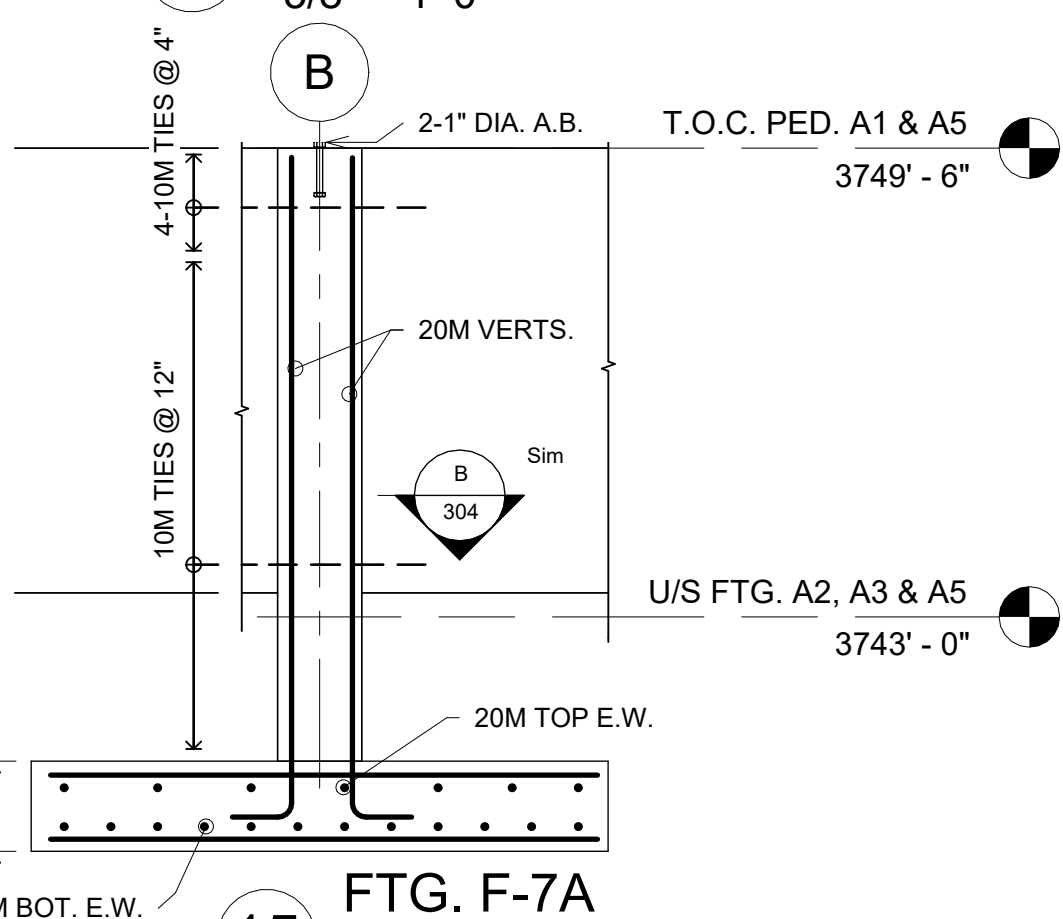
4 FTG. F-3
3/8" = 1'-0"



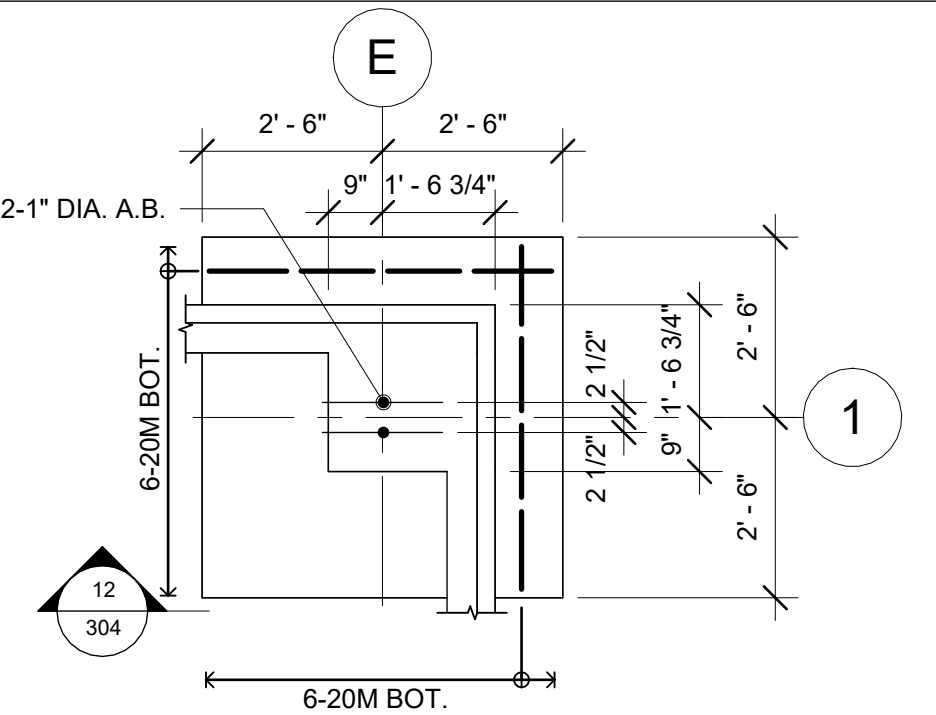
11 FTG. F-3A
3/8" = 1'-0"



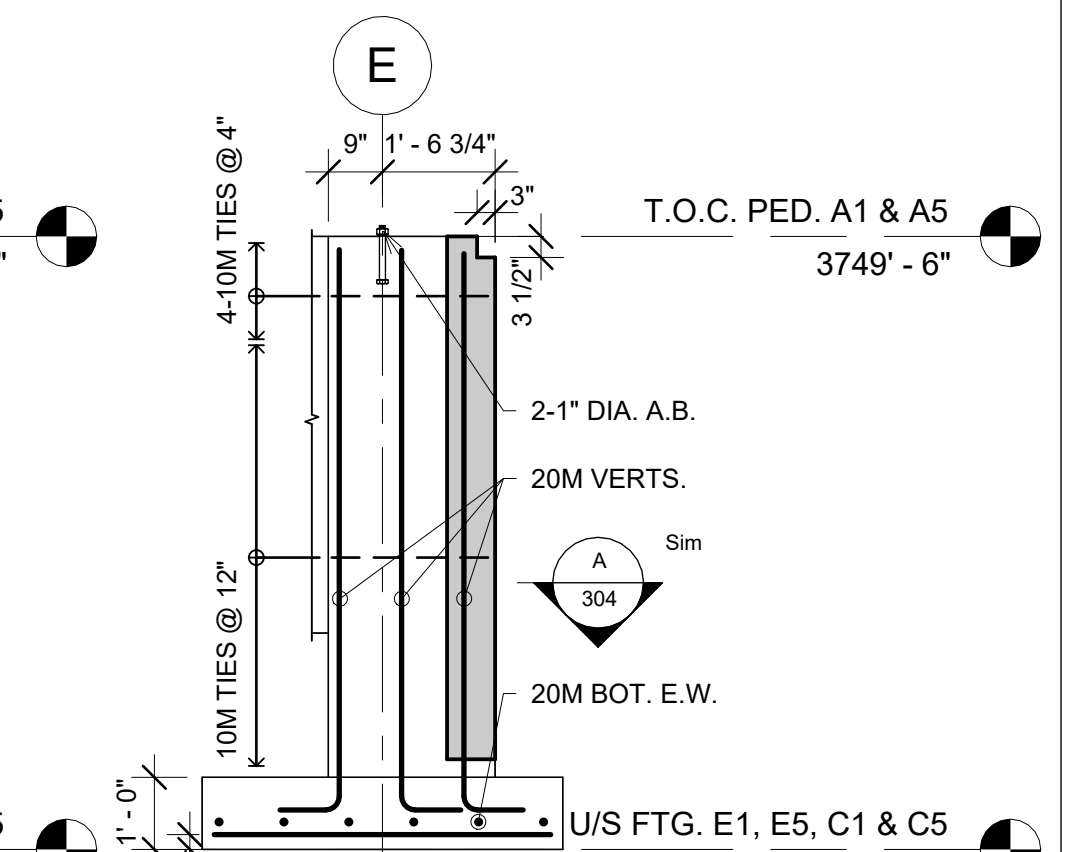
8 FTG. F-7
3/8" = 1'-0"



15 FTG. F-7A
3/8" = 1'-0"



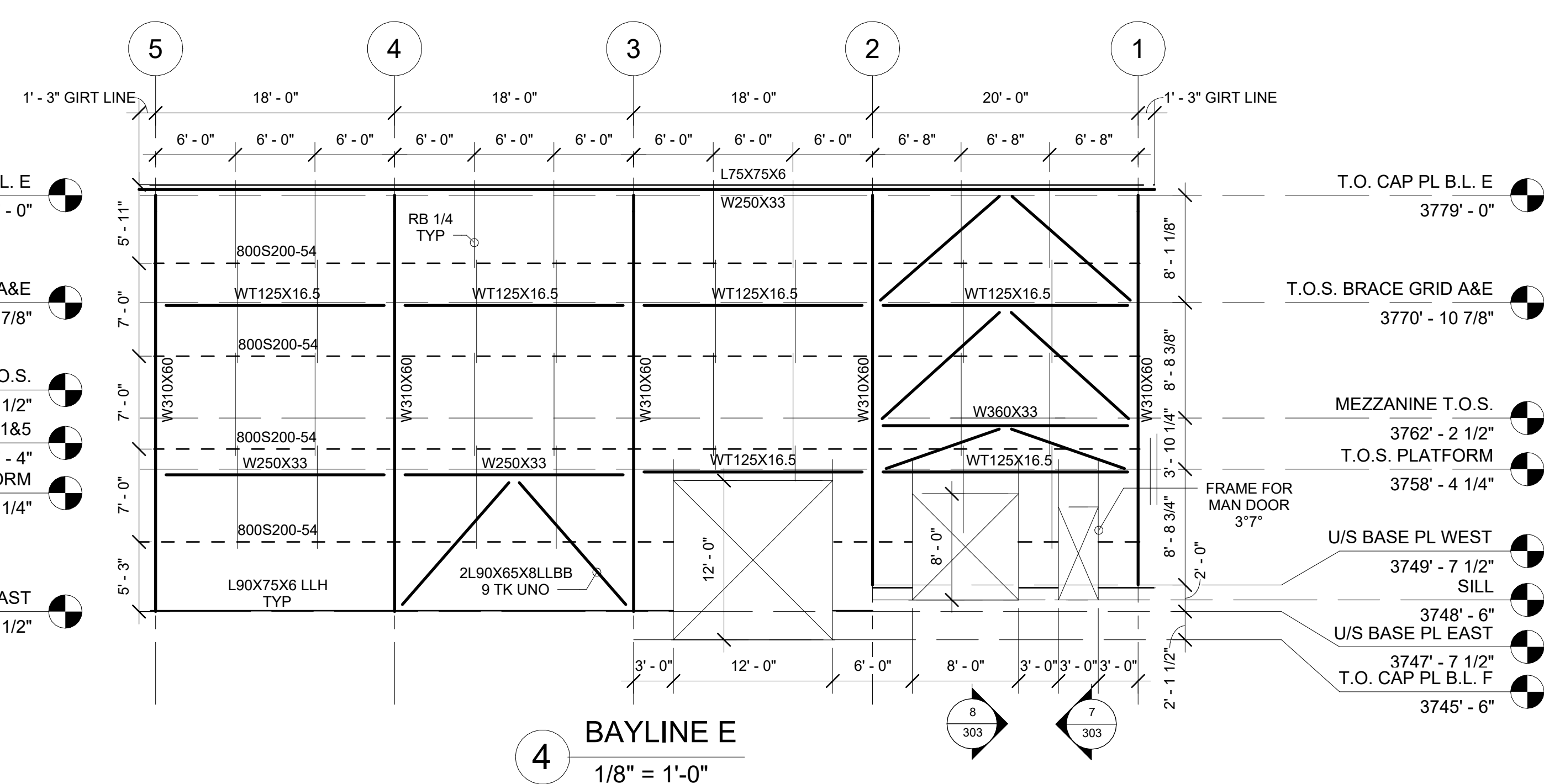
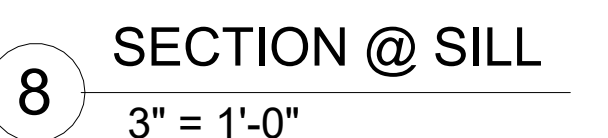
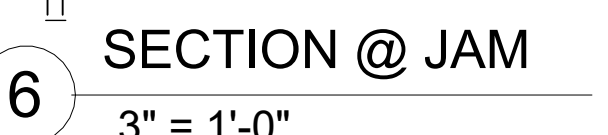
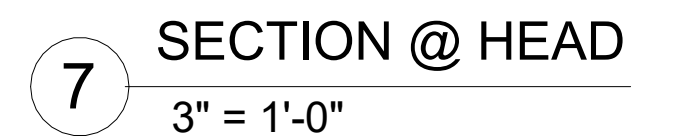
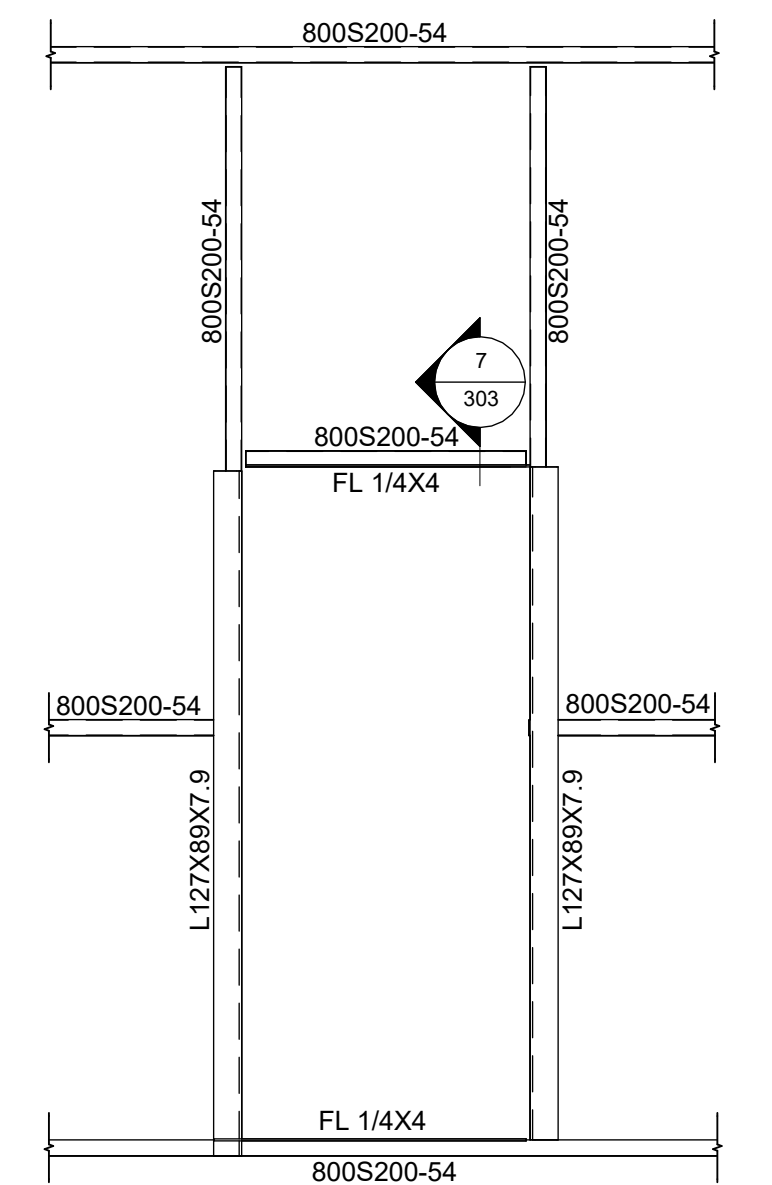
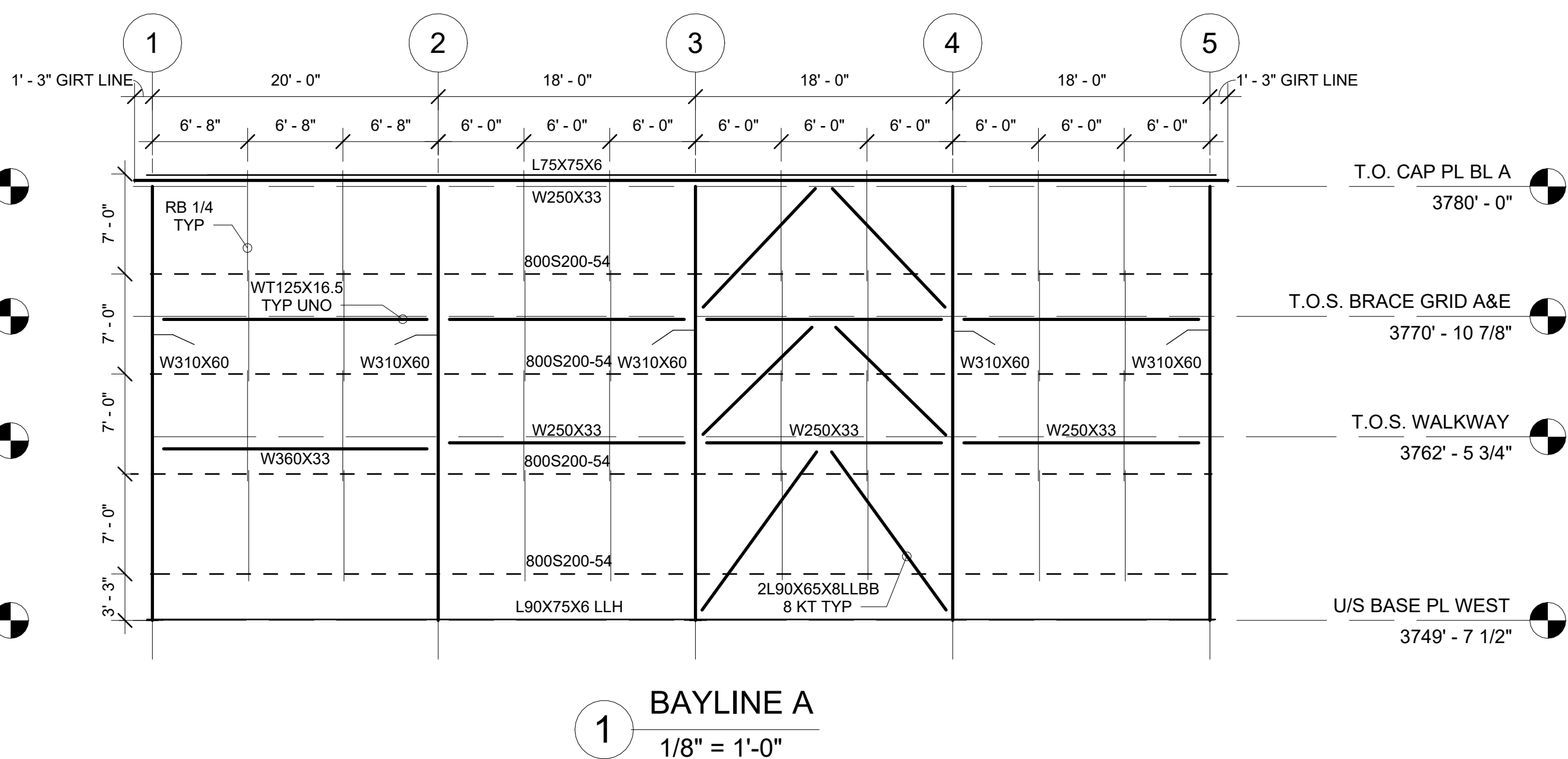
5 FTG. F-4
3/8" = 1'-0"



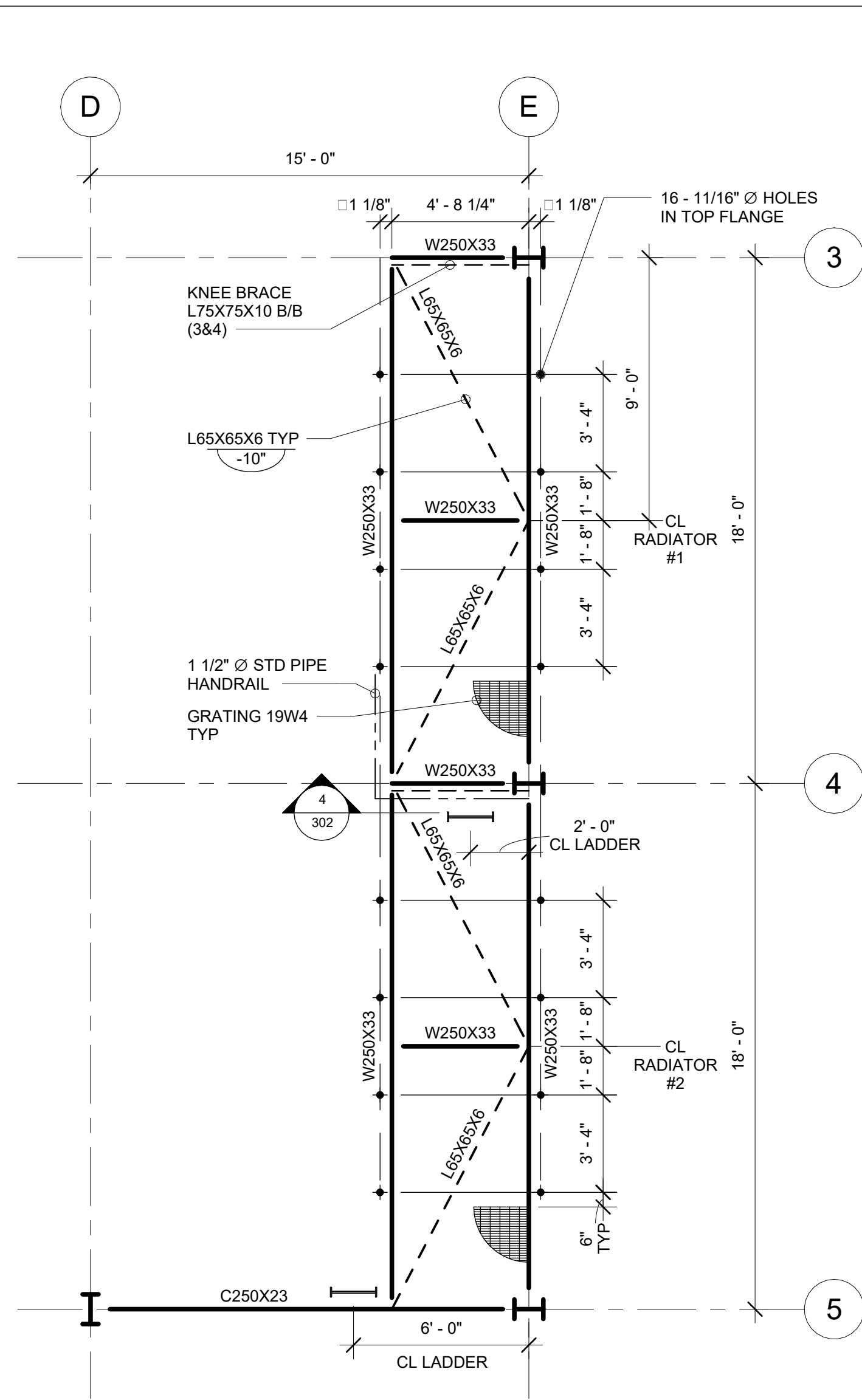
12 FTG. F-4A
3/8" = 1'-0"

GENERAL NOTES:

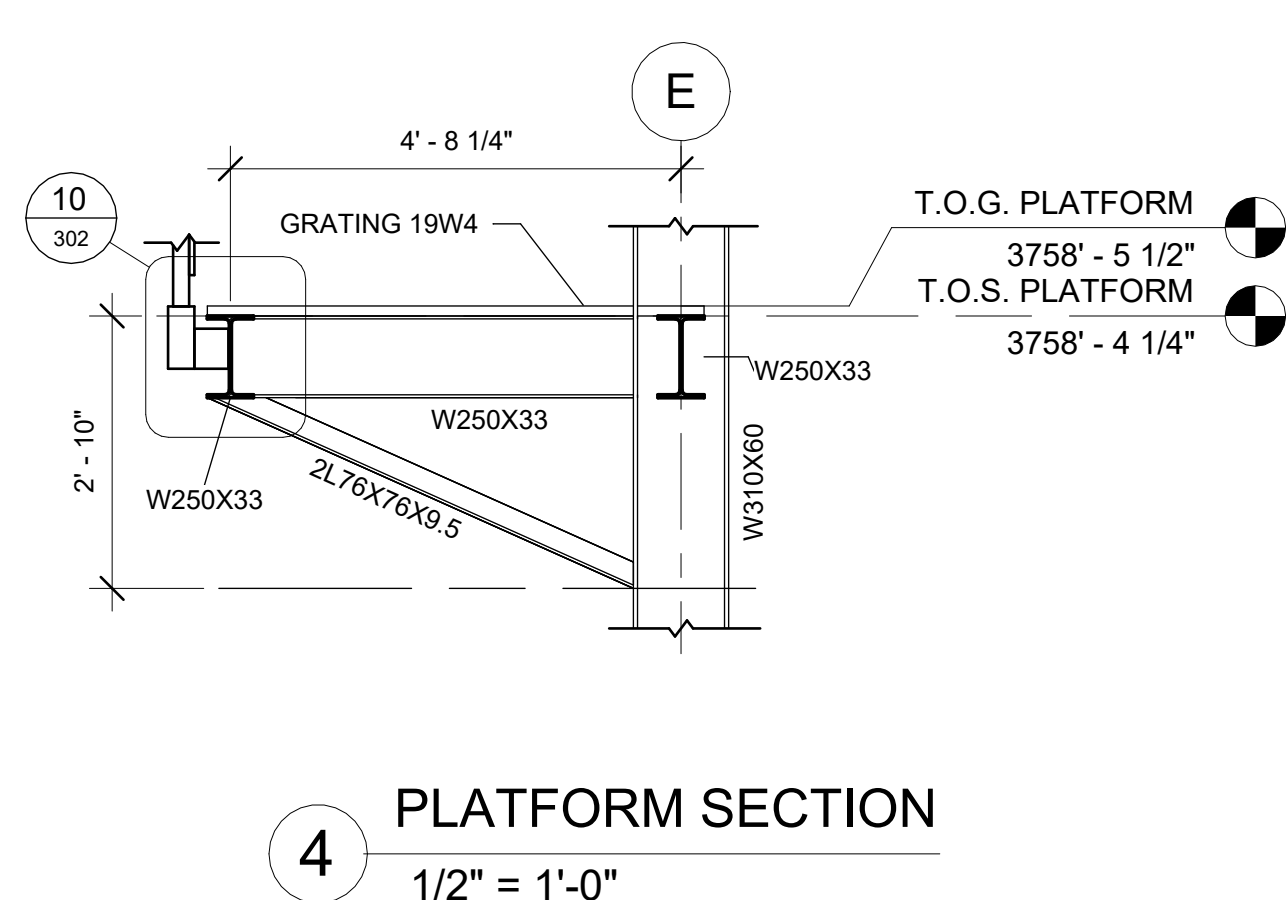
- CONCRETE:
 - MIN. 28 DAY COMPRESSIVE STRENGTH OF 25 MPa (3600 PSI).
 - PORTLAND CEMENT TYPE 10 (NORMAL).
 - CONCRETE MIX FORMULA INDICATING COMPRESSIVE STRENGTH AT 28 DAY, SLUMP AND WATER/CEMENT RATIO SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF FABRICATION.
- REINFORCEMENT:
 - NEW DEFORMED BARS, CONFORMING TO CSA G30.12, WITH A YIELD STRENGTH OF 300 MPa (43.5 KSI) FOR STIRRUPS AND TIES AND 400 MPa (58 KSI) FOR ALL OTHER REINFORCEMENT.
 - REINFORCEMENT SHALL BE SECURELY TIED AT INTERSECTIONS WITH WIRE NOT LESS THE 1.5 mm (16 GA) OR CLIPS.
 - COVER SHALL BE AS SPECIFIED IN THE DESIGN STANDARDS UNO.
- DIMENSIONAL TOLERANCES:
 - ELEVATIONS ON TOPS OF SLABS AND PADS SHALL NOT VARY FROM THE ELEVATION ON THE DRAWING BY MORE THAN 3mm (1/8").
- DRAWINGS:
 - ELECTRONIC AND SHOP DRAWINGS SHOWING MATERIAL DIMENSIONS REINFORCEMENT, INSERTS, JOINTS AND OTHER DETAILS REQUIRED FOR THE FABRICATION AND ERECTION SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCEMENT OF FABRICATION.
- FORMWORK:
 - FORMED SURFACES EXPOSED TO VIEW AND ANY SERVICES REQUIRED TO BE SMOOTH, SHALL BE CONSTRUCTED OF PLYWOOD OR OTHER APPROVED FABRICATED FORMS.
 - EXTERIOR CORNERS AND EDGES OF CONCRETE EXPOSED TO VIEW SHALL BE GIVEN A 20mm (3/4") CHAMFER.
- EMBEDMENT:
 - STEEL FOR ANCHORS AND INSERTS SHALL CONFORM TO THE LATEST CAN3 G40.21 GRADE 300W STANDARDS UNO.
- INSPECTION:
 - THE ENGINEER SHALL PERFORM FINAL INSPECTION AND ACCEPTANCE OF THE WORK.
- NOTES:
 - ALL CONCRETE COVER SHALL BE 3" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH.
 - IN CONCRETE EXPOSED TO EARTH OR WEATHER COVER SHALL BE 2" FOR 20M OR LARGER AND 1 1/2" FOR 10M & 15M.
 - "A" DENOTES THE OPPOSITE HAND SIDE FOOTING TYPE.



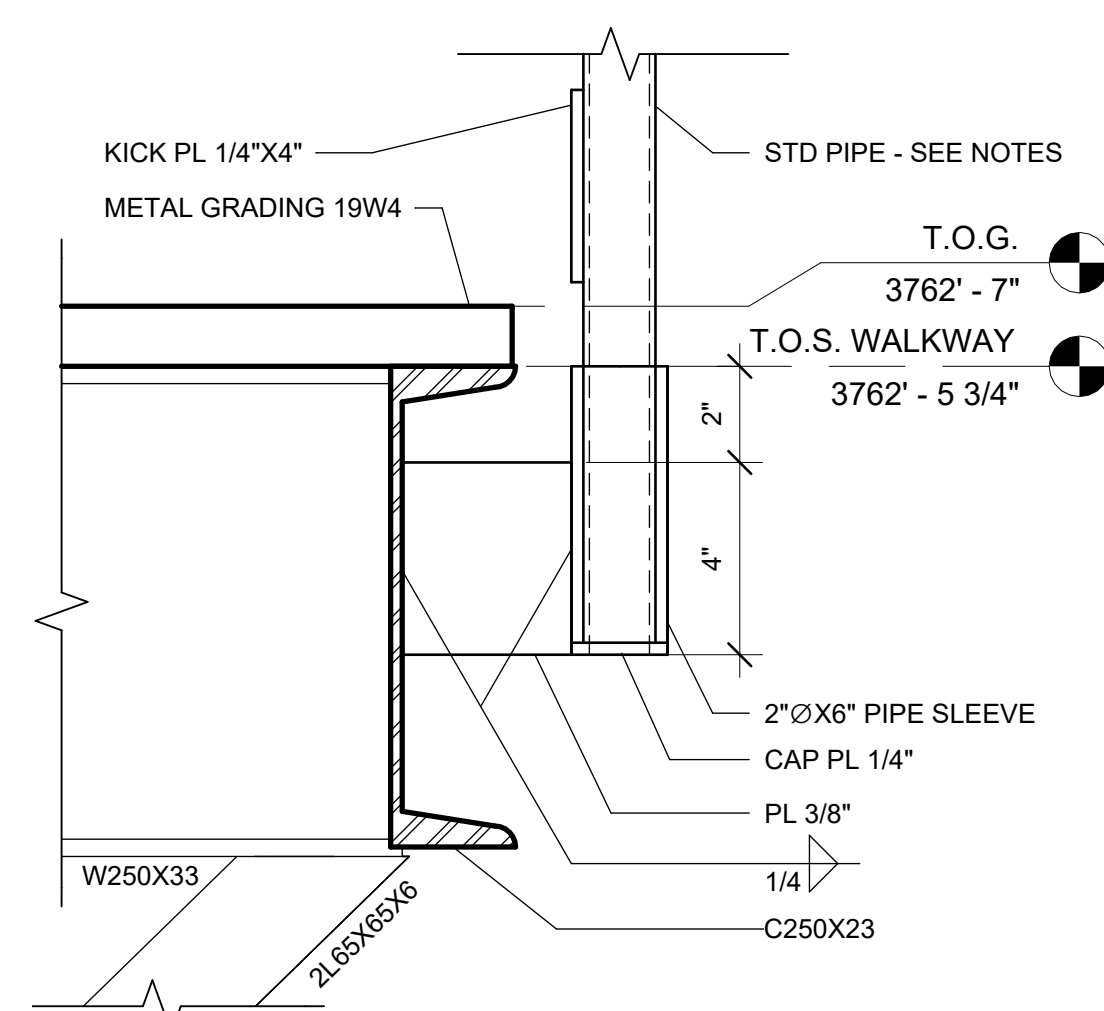
				VANCOUVER COMMUNITY COLLEGE CAD & BIM TECH DEPARTMENT VANCOUVER, BC.		POWERHOUSE-STRUCTURAL STEEL ELEVATION @ B.L. 1, 5, A & E	DRAWN BY:	JB	DRAWING NO.	REV.
							SCALE:	As indicated		
							CHECKER:	BM		
							DATE:	11/25/24		
NO.	DATE	REVISION	APP.	303						



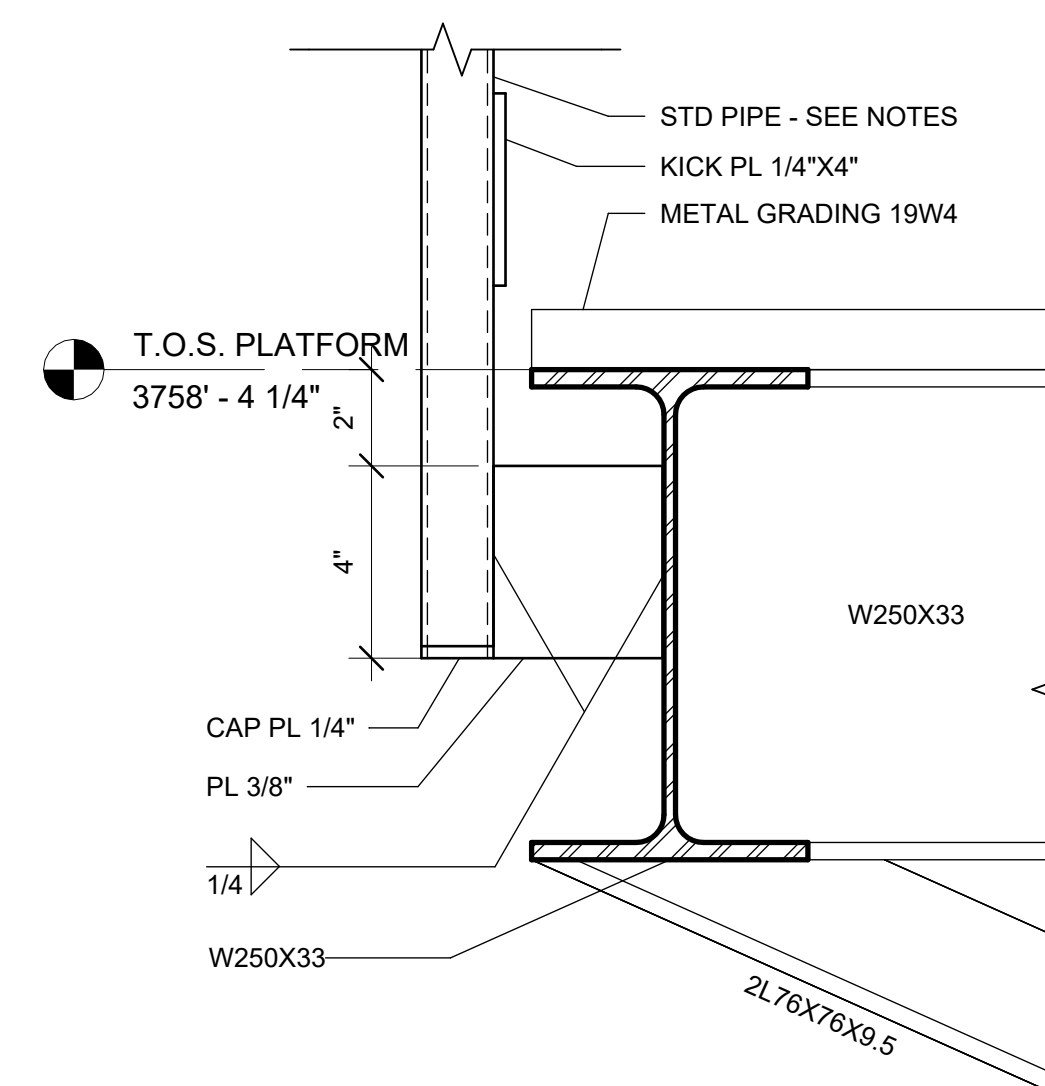
2 RADIATOR SUPPORT PLATFORM AT T.O.S. EL 3758' 4 1/4" UNO
1/4" = 1'-0"



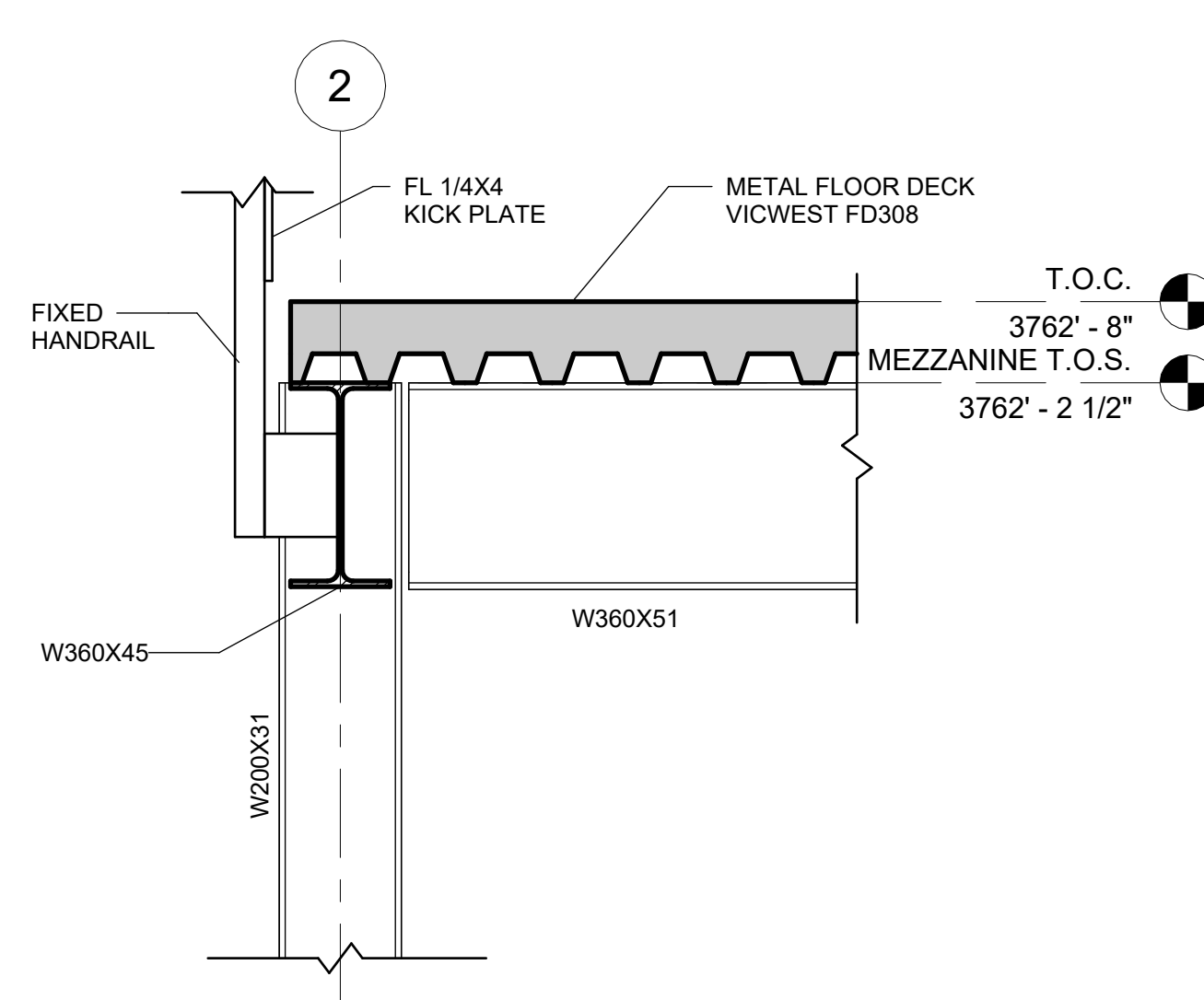
4 PLATFORM SECTION
1/2" = 1'-0"



9 REMOVABLE HANDRAIL CONNECTION
3" = 1'-0"

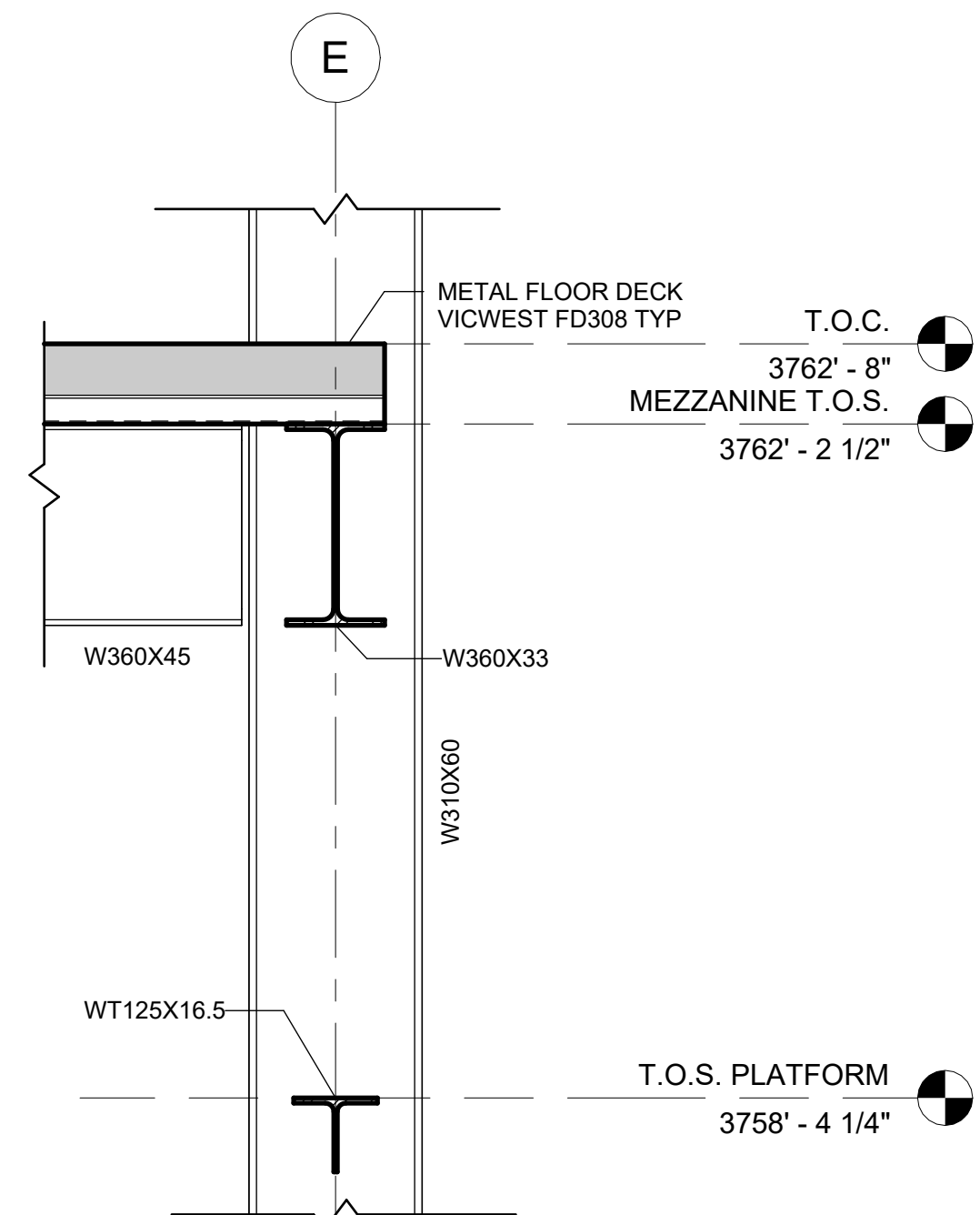


10 FIXED HANDRAIL CONNECTION
3" = 1'-0"



7 SECTION C
1" = 1'-0"

1. FOR GENERAL NOTES, SEE DWG 301.
2. DIMENSIONS SHOWN ON THE DRAWING ARE TO THE CL'S OF WIDE FLANGES & WT'S AND TO THE BACK OF CHANNELS & ANGLES, U.N.O.
3. METAL FLOOR DECK SHALL BE VICWEST FD308 OR APPROVED EQUAL. METAL DECK EDGE FORMS SHALL BE 18 GA. GAUGE.
4. GRATING SHALL BE W19-4 STANDARD WITH 1-1/4" X 3/16" BEARING BARS.
5. 1/4" X 4" HIGH KICK PLATE SHALL BE PROVIDED AROUND ALL OPENINGS.
6. HANDRAILS & POSTS SHALL BE CARBON STEEL PIPE ASTM A53 GRADE "B". POSTS SHALL BE 1-1/2" Ø, RAILS SHALL BE 1-1/2" Ø, ALL WELDED CONNECTIONS SHALL BE GROUND FLUSH & SMOOTH.
7. LADDER RAILS SHALL BE PL 3/8" X 2-1/2". LADDER RUNGS SHALL BE 3/4" X 3/4" X 1/2" HOT ROLL WELDED. ALL WELDED EDGES, ETC SHALL BE GROUND SMOOTH.
8. TERMINATE TOP OF COLS @ BL B2, C2, D2, AT 3762'-2 1/2".



8 SECTION D
1" = 1'-0"

				VANCOUVER COMMUNITY COLLEGE CAD & BIM TECH DEPARTMENT VANCOUVER, BC.		POWERHOUSE-STRUCTURAL STEEL MEZZANINE FLOOR PLAN, SECTIONS AND DETAILS	DRAWN BY:	JB	DRAWING NO.	REV.
							SCALE:	As indicated	302	
							CHECKER:	BM		
							DATE:	11/20/24		
NO.	DATE	REVISION	APP.							