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Project Document Type

Project Document Type

Contract Document

Document Date

Document Date

iBuild Files Description Optional

Description

Structural Drawings

Item Info

Created By

Version

1

Revision

Upload Date

8/29/2013 11:37:54 AM

File Size

18683549

Generic Fields

Generic 1

None

Generic 2

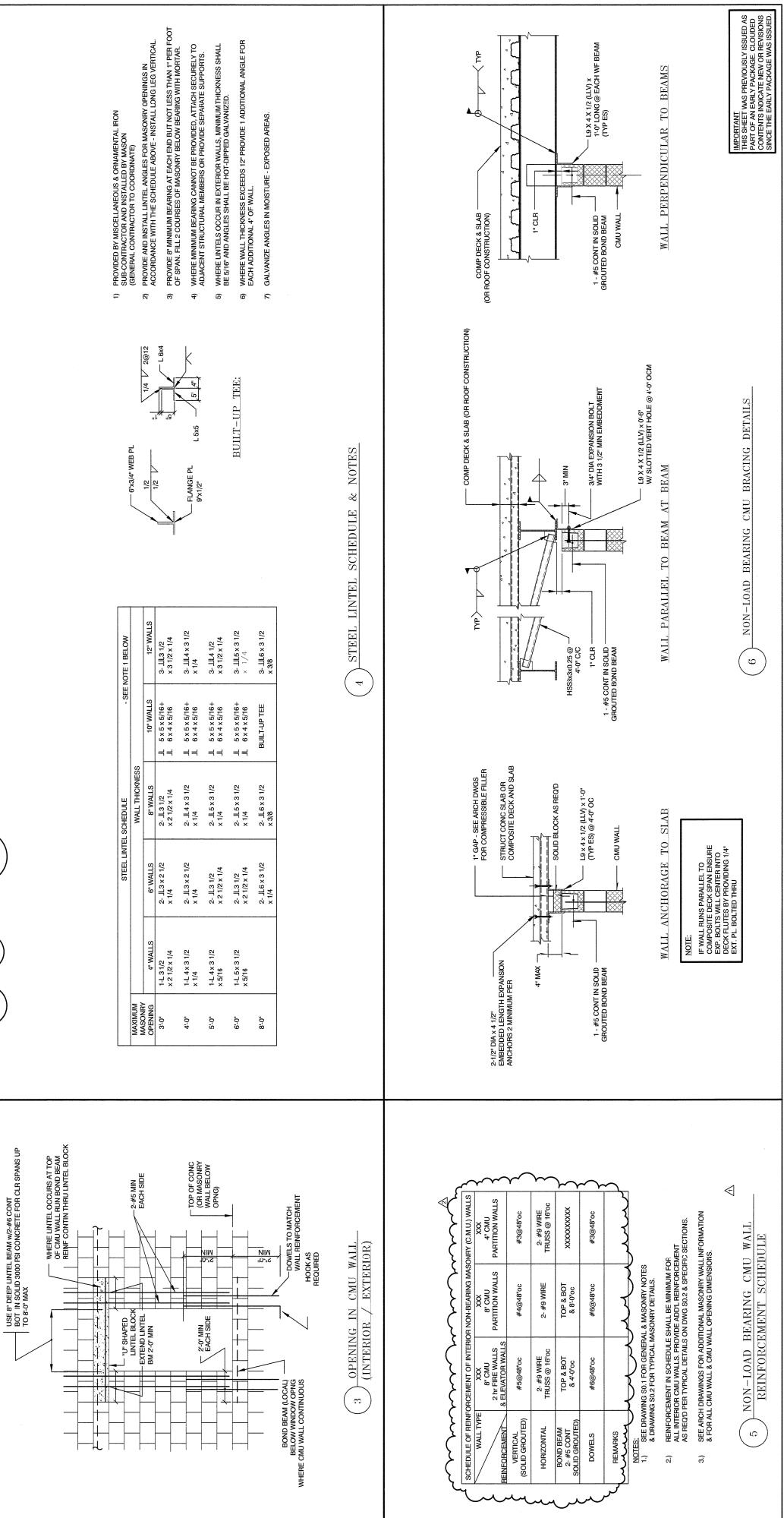
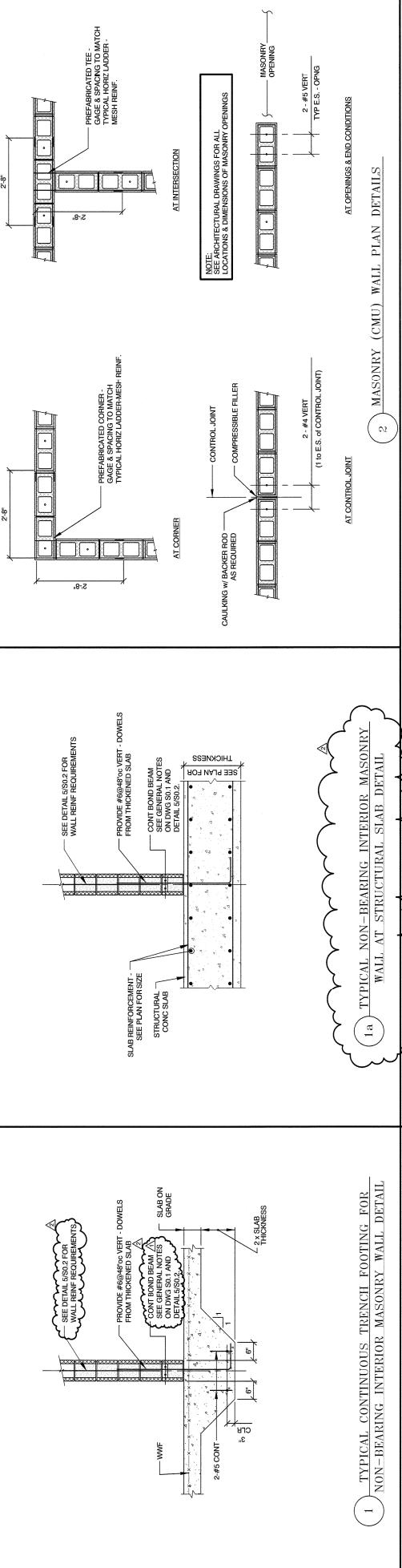
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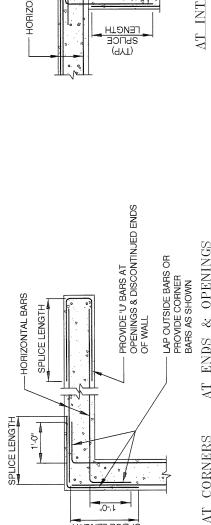
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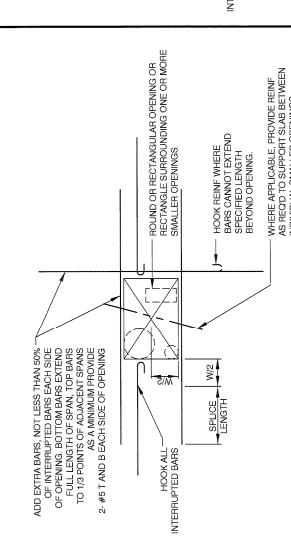
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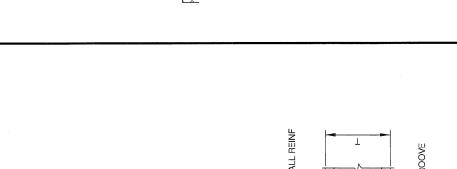
TENSION DEVELOPMENT & SPLICE LENGTHS (IN INCHES)		5,000 PSI		4,000 PSI	
BAR SIZE	LAP CLASS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	CASE 1: 25' 0"	17	25	19	28
#4	CASE 1: 25' 0"	33	33	27	37
#4	CASE 2: 33'	33	33	29	39
#5	CASE 1: 25' 0"	49	49	33	49
#5	CASE 2: 33'	49	49	36	50
#6	CASE 1: 25' 0"	55	55	41	55
#6	CASE 2: 33'	55	55	42	56
#6	CASE 3: 39'	55	55	42	56
#7	CASE 1: 25' 0"	61	61	47	61
#7	CASE 2: 33'	61	61	48	61
#7	CASE 3: 39'	61	61	48	61
#8	CASE 1: 25' 0"	67	67	53	67
#8	CASE 2: 33'	67	67	53	67
#8	CASE 3: 39'	67	67	53	67
#9	CASE 1: 25' 0"	73	73	59	73
#9	CASE 2: 33'	73	73	59	73
#9	CASE 3: 39'	73	73	59	73
#10	CASE 1: 25' 0"	79	79	65	79
#10	CASE 2: 33'	79	79	66	79
#10	CASE 3: 39'	79	79	66	79
#11	CASE 1: 25' 0"	85	85	71	85
#11	CASE 2: 33'	85	85	71	85
#11	CASE 3: 39'	85	85	71	85
#12	CASE 1: 25' 0"	91	91	76	91
#12	CASE 2: 33'	91	91	76	91
#12	CASE 3: 39'	91	91	76	91
#13	CASE 1: 25' 0"	97	97	82	97
#13	CASE 2: 33'	97	97	82	97
#13	CASE 3: 39'	97	97	82	97
#14	CASE 1: 25' 0"	103	103	88	103
#14	CASE 2: 33'	103	103	88	103
#14	CASE 3: 39'	103	103	88	103
#15	CASE 1: 25' 0"	109	109	94	109
#15	CASE 2: 33'	109	109	94	109
#15	CASE 3: 39'	109	109	94	109
#16	CASE 1: 25' 0"	115	115	100	115
#16	CASE 2: 33'	115	115	100	115
#16	CASE 3: 39'	115	115	100	115
#17	CASE 1: 25' 0"	121	121	106	121
#17	CASE 2: 33'	121	121	106	121
#17	CASE 3: 39'	121	121	106	121
#18	CASE 1: 25' 0"	127	127	112	127
#18	CASE 2: 33'	127	127	112	127
#18	CASE 3: 39'	127	127	112	127
#19	CASE 1: 25' 0"	133	133	118	133
#19	CASE 2: 33'	133	133	118	133
#19	CASE 3: 39'	133	133	118	133
#20	CASE 1: 25' 0"	139	139	124	139
#20	CASE 2: 33'	139	139	124	139
#20	CASE 3: 39'	139	139	124	139
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#21	CASE 2: 33'	145	145	130	145
#21	CASE 3: 39'	145	145	130	145
#22	CASE 1: 25' 0"	151	151	136	151
#22	CASE 2: 33'	151	151	136	151
#22	CASE 3: 39'	151	151	136	151
#23	CASE 1: 25' 0"	157	157	142	157
#23	CASE 2: 33'	157	157	142	157
#23	CASE 3: 39'	157	157	142	157
#24	CASE 1: 25' 0"	163	163	148	163
#24	CASE 2: 33'	163	163	148	163
#24	CASE 3: 39'	163	163	148	163
#25	CASE 1: 25' 0"	169	169	154	169
#25	CASE 2: 33'	169	169	154	169
#25	CASE 3: 39'	169	169	154	169
#26	CASE 1: 25' 0"	175	175	160	175
#26	CASE 2: 33'	175	175	160	175
#26	CASE 3: 39'	175	175	160	175
#27	CASE 1: 25' 0"	181	181	166	181
#27	CASE 2: 33'	181	181	166	181
#27	CASE 3: 39'	181	181	166	181
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#28	CASE 2: 33'	187	187	172	187
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#29	CASE 2: 33'	193	193	178	193
#29	CASE 3: 39'	193	193	178	193
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#33	CASE 3: 39'	217	217	202	217
#34	CASE 1: 25' 0"	223	223	208	223
#34	CASE 2: 33'	223	223	208	223
#34	CASE 3: 39'	223	223	208	223
#35	CASE 1: 25' 0"	229	229	214	229
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#35	CASE 3: 39'	229	229	214	229
#36	CASE 1: 25' 0"	235	235	220	235
#36	CASE 2: 33'	235	235	220	235
#36	CASE 3: 39'	235	235	220	235
#37	CASE 1: 25' 0"	241	241	226	241
#37	CASE 2: 33'	241	241	226	241
#37	CASE 3: 39'	241	241	226	241
#38	CASE 1: 25' 0"	247	247	232	247
#38	CASE 2: 33'	247	247	232	247
#38	CASE 3: 39'	247	247	232	247
#39	CASE 1: 25' 0"	253	253	238	253
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#40	CASE 2: 33'	259	259	244	259
#40	CASE 3: 39'	259	259	244	259
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#41	CASE 2: 33'	265	265	250	265
#41	CASE 3: 39'	265	265	250	265



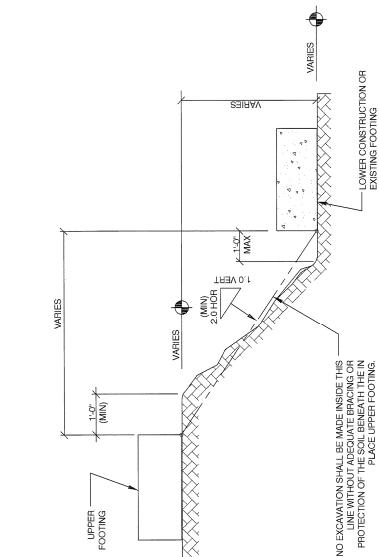
1 PLAN OF HORIZONTAL REINFORCEMENT OF CONCRETE WALLS
WALL CONSTRUCTION JOINT PLAN



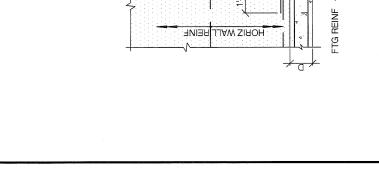
2 ADJACENT FOUNDATIONS EXCAVATION



3 VERTICAL CONCRETE WALL CONTROL JOINT PLAN

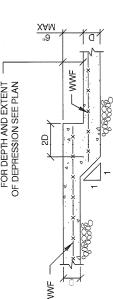


4 AT INTERSECTIONS

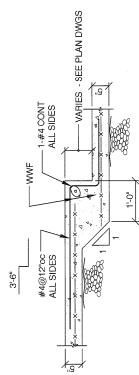


5 ADJACENT FOUNDATIONS EXCAVATION

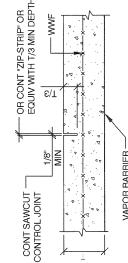
COMPRESSION DEVELOPMENT & SPLICE LENGTHS (IN INCHES)		5,000 PSI		4,000 PSI	
BAR SIZE	LAP CLASS	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS
#3	CASE 1: 25' 0"	17	25	13	20
#4	CASE 1: 25' 0"	33	33	23	33
#4	CASE 2: 33'	33	33	23	33
#5	CASE 1: 25' 0"	49	49	33	49
#5	CASE 2: 33'	49	49	33	49
#6	CASE 1: 25' 0"	55	55	41	55
#6	CASE 2: 33'	55	55	41	55
#6	CASE 3: 39'	55	55	41	55
#7	CASE 1: 25' 0"	61	61	47	61
#7	CASE 2: 33'	61	61	47	61
#7	CASE 3: 39'	61	61	47	61
#8	CASE 1: 25' 0"	67	67	53	67
#8	CASE 2: 33'	67	67	53	67
#8	CASE 3: 39'	67	67	53	67
#9	CASE 1: 25' 0"	73	73	59	73
#9	CASE 2: 33'	73	73	59	73
#9	CASE 3: 39'	73	73	59	73
#10	CASE 1: 25' 0"	79	79	65	79
#10	CASE 2: 33'	79	79	65	79
#10	CASE 3: 39'	79	79	65	79
#11	CASE 1: 25' 0"	85	85	71	85
#11	CASE 2: 33'	85	85	71	85
#11	CASE 3: 39'	85	85	71	85
#12	CASE 1: 25' 0"	91	91	76	91
#12	CASE 2: 33'	91	91	76	91
#12	CASE 3: 39'	91	91	76	91
#13	CASE 1: 25' 0"	97	97	82	97
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#15	CASE 3: 39'	109	109	94	109
#16	CASE 1: 25' 0"	115	115	100	115
#16	CASE 2: 33'	115	115	100	115
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#17	CASE 1: 25' 0"	121	121	106	121
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#17	CASE 3: 39'	121	121	106	121
#18	CASE 1: 25' 0"	127	127	112	127
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#18	CASE 3: 39'	127	127	112	127
#19	CASE 1: 25' 0"	133	133	118	133
#19	CASE 2: 33'	133	133	118	133
#19	CASE 3: 39'	133	133	118	133
#20	CASE 1: 25' 0"	139	139	124	139
#20	CASE 2: 33'	139	139	124	139
#20	CASE 3: 39'	139	1		



(1) DETAIL AT DEPRESSIONS IN SLAB ON GRADE (6" MAX CHANGE IN ELEVATION)



(2) DETAIL AT DEPRESSIONS IN SLAB ON GRADE (GREATER THAN 6" CHANGE IN ELEVATION)



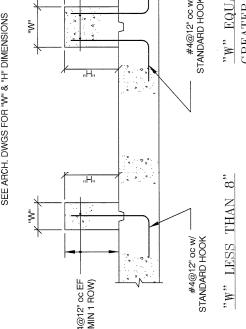
(3) CONTROL JOINT FOR SLABS ON GRADE

SEE ARCH DWGS FOR WW & H DIMENSIONS
COLUMN SEE COLORED
FOR COL SIZE BASE PLATE
& ANCHOR BOLTS
ANCHOR BOLT
BASE PLATE
1'-0" (TOP OF LOWEST ADJACENT
SLAB TO TOP OF (S)
TYP. AS SHOWN ON PLAN
1/4" THICK LEVELING PLATE —
FOR COATING SIZE
EQUALING TOTAL UNO
PLATE SECTION SHOWN GROUP
EXTERIOR STEEL COLUMN, PIER, & FOOTING DETAIL
FOOTING MAY DROP AS REQUIRED BY UNEXPECTED
SOIL CONDITIONS PROVIDE MET AS SHOWN ABOVE

LEVELING SCREWS AND 1/4"
NON SHANK GROUT FOR LARGER
COLUMNS WHERE SPECIFICALLY SHOWN
(SEE THICKNESS)
NOTE A
A PIER OR THICKENED FOOTING MAY BE
REQUIRED WHEN THIS DIMENSION EXCEEDS 1'-0".
OPEN SIZE TO EMBODIMENT BEYOND BASE DATE
SHOULD NOT EXCEED 1'-0" IN ORDER TO PROVIDE
PROVIDE FOR REINFORCEMENT EQUAL TO 1% OF
AREA FOR PIER LESS THAN 10'-0" HIGH AND
2% FOR PIER HIGHER THAN 10'-0" HIGH. COATING
FOOTING AS SHOWN CLOSER TIES 6-#4 @
4" OC TOP AND REMAINDER CLOSED TIES #4@12" OC
NOTE B
BOTTOM OF ALL COLUMN FIGS
SHALL BEAR AT A MINIMUM OF
FINISHED EARTH SURFACE
EXPOSED TO FREEZING
UNDISTURBED NATURAL BEARING
STRATA MAXIMUM CAPACITY
OF 1.5 TONS/SQ FT AT FIRST FLOOR

ISOLATION JOINT UNLESS
OTHERWISE DETAILED
OPTION SAWCUT JOINT
IN LIEU OF DIAMOND JOINT
COLUMN - SEE SCHEDULE
(C.01)
CONSTRUCTION JOINT OR
SAWCUT CONTROL JOINT
POUR 2" SQUARE MIN AFTER
ALL OTHER SLABS ARE IN PLACE
#4 TIES @ 12" MAX EW.
FOR PADS UP TO 12' ON TIES AND
PROVIDE 4x4@WW WITH 1/4"
CONT AROUND PERIPHERY AS SHOWN
NOTICE:
FOR SIZE OF PADS AND LOCATIONS
SEE ARCHITECTURAL DWGS

(4) INTERIOR STEEL COLUMN, PIER, & FOOTING DETAIL
(EXTERIOR STEEL COLUMN, PIER, & FOOTING SIMILAR)



(5) ISOLATION JOINT AT COLUMN
FOR SLAB ON GRADE DETAIL

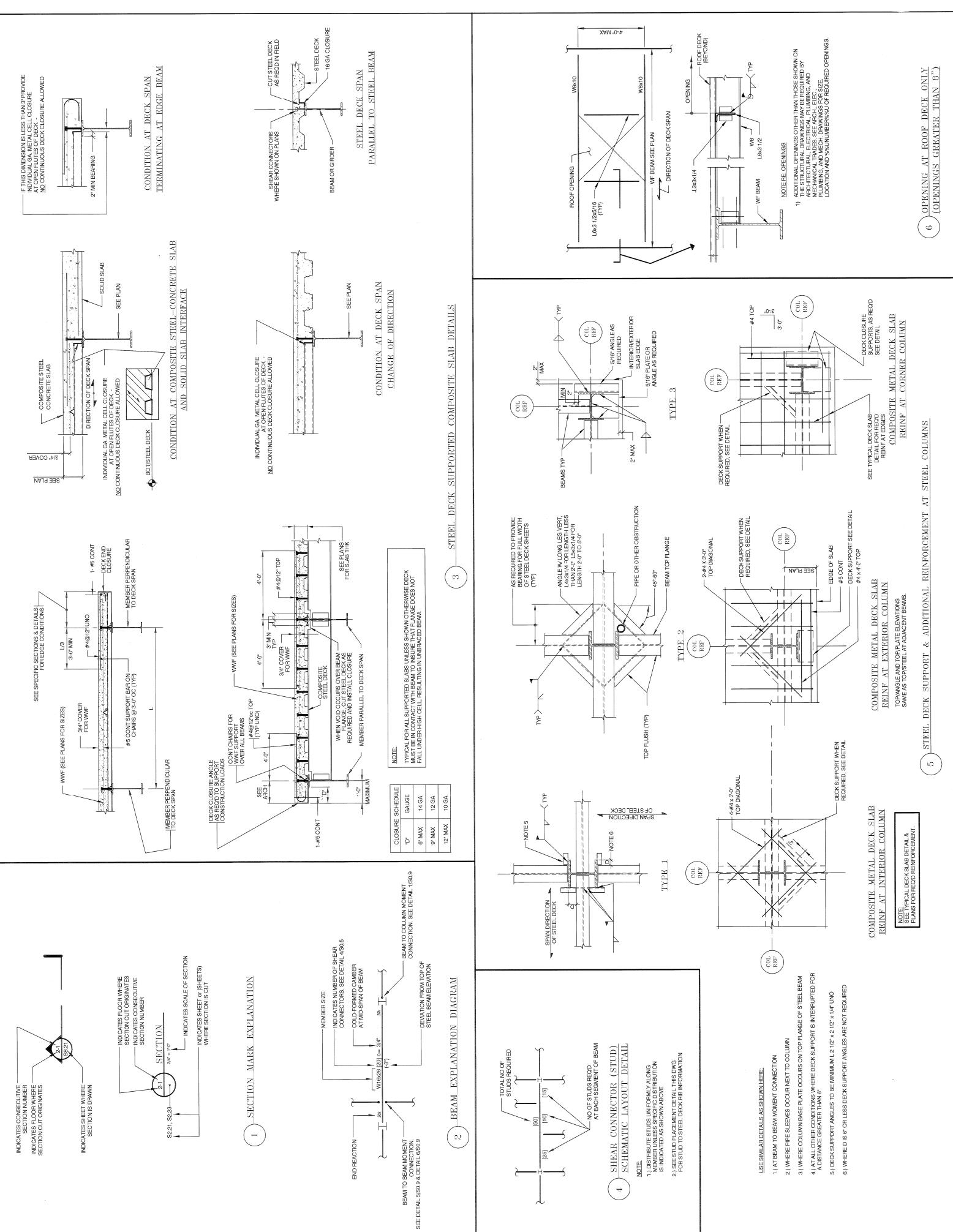
(6) EQUIPMENT PAD DETAIL

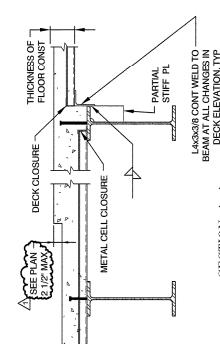
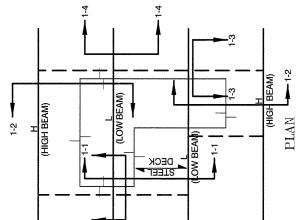


(7) CONCRETE CURBS

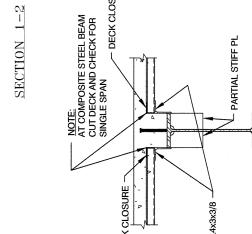
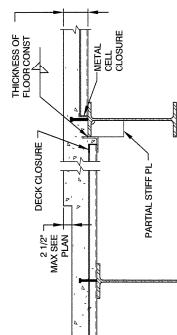
(8) DETAIL THRU FLOOR BOX DEPRESSIONS IN
SLAB ON GRADE

IMPORTANT
THIS SHEET WAS PREVIOUSLY USED AS
A GUIDE ONLY. THE CONTENTS OF THIS SHEET
DO NOT REFLECT THE CURRENT DESIGN
AND SHOULD NOT BE USED AS A DESIGN
DOCUMENT. THE CURRENT DESIGN
IS CONTAINED IN THE REVISED DRAWINGS
WHICH WERE ISSUED SINCE THE EARLY PACKAGE WAS ISSUED.





1 STEEL DECK SUPPORT CONDITIONS AT CHANGE
IN SLAB ELEVATION - (2 1/2" MAXIMUM)



SECTION 1-4

SECTION 1-3

SECTION 1-2

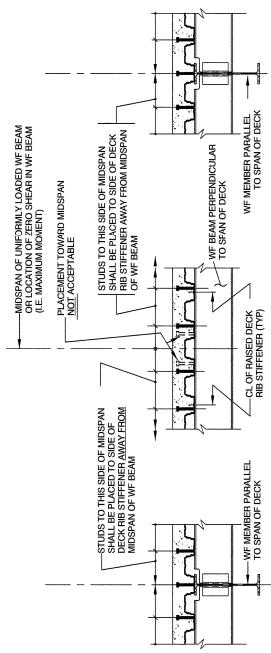
TYPE 1
TYPE 2
TYPE 3

OPENINGS IN COMPOSITE STEEL DECK

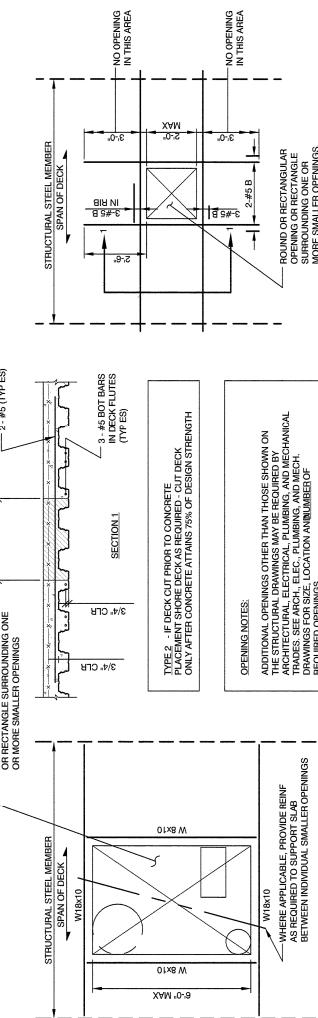
SECTION 1

SECTION 2

SECTION 3



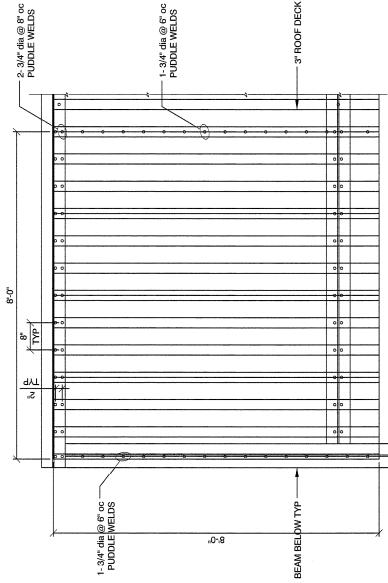
PLACEMENT OF SHEAR STUDS
ALONG LENGTH OF W.F. BEAMS



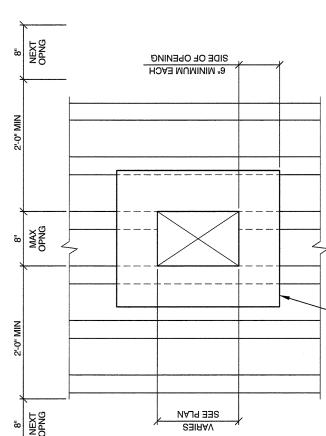
SECTION 1

SECTION 2

SECTION 3



6 WELDING PATTERN AT ROOF DECK CORNER



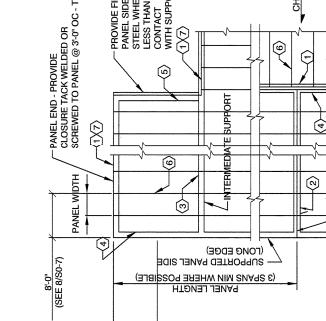
NOTE: REOPENINGS
1 ADDITIONAL OPENINGS OTHER THAN THOSE SHOWN ON
THE STRUCTURAL DRAWINGS MAY BE REQUIRED BY
ARCHITECTURAL, ELECTRICAL, PLUMBING, AND
MECHANICAL TRADES. SEE DRAWINGS FOR
LOCATION AND NUMBER OF REQUIRED OPENINGS.

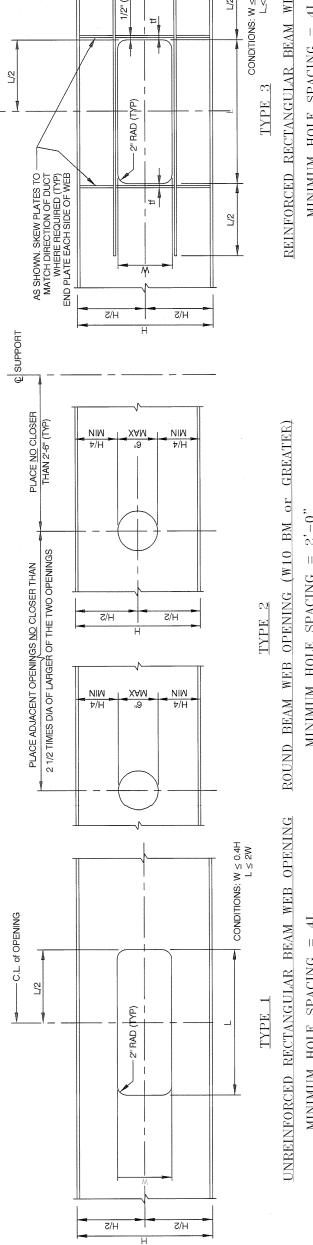
14 GA SHEET FASTENED TO STEEL ROOF DECK
W/ MINIMUM THICKNESS OF 8 OZ SPRAY GALVANIZED

4 DETAIL FOR OPENINGS THRU SPAN (8" MAXIMUM)
PERPENDICULAR TO DECK SPAN (8" MAXIMUM)

5 SCHEMATIC PLAN OF CONNECTIONS OF
STEEL DECK TO SUPPORTING STEEL

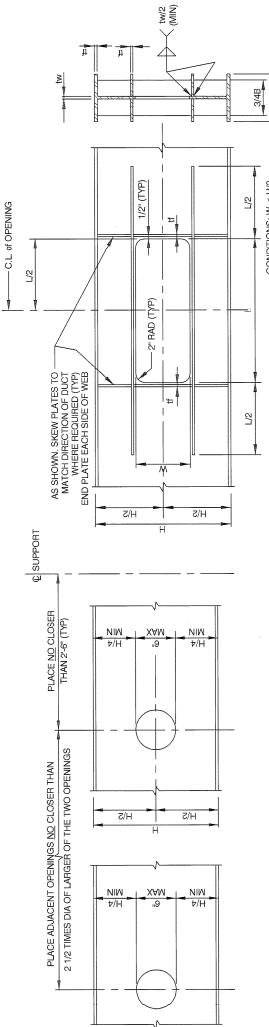
STEEL DECK NOTES:
1) PANEL END - 3/4" PUDLE WELDS @ 12' OC
2) ABUTTING PANELS - 3/4" PUDLE WELDS @ 12' OC (1" AT CENTER OF END LAP)
3) PANEL INTERMEDIATE SUPPORT - 3/4" PUDLE WELD @ 12' OC (1")
4) PANEL SIDE - 3/4" PUDLE WELDS @ 12' OC
5) PANEL SIDE WITH FILLER PIECE - 3/4" PUDLE WELDS @ 12' OC
FILLER TO PANEL AND TILLET TO SUPPORTING STEEL.
6) PANEL SIDE LAP - 1" LONG SEAM WELDS @ 24 OC
7) PANEL END AT CONCRETE FOUNDATION SUPPORT -
POWER ACTUATED ASTERNER ON EQUIVALENT AT 12' OC.
(C) NOTE: FOR 8'x8' ROOF DECK PUDLE WELDS @ 8' OC
CASHED LINES INDICATE PERMANENT STEEL SUPPORTING MEMBERS,
REGULAR MISCELLANEOUS DECK SUPPORT
8) FOR 8'x8' CORNER WELDING PATTERN AT ROOF DECK SEE DETAIL 6830.6



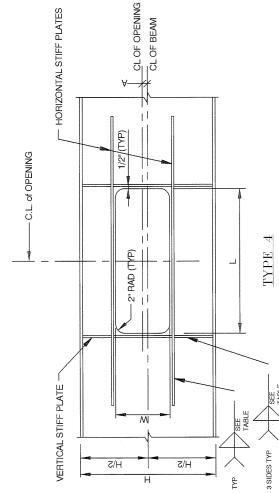


TYPE 1
UNREINFORCED RECTANGULAR BEAM WEB OPENING
MINIMUM HOLE SPACING = $4L$

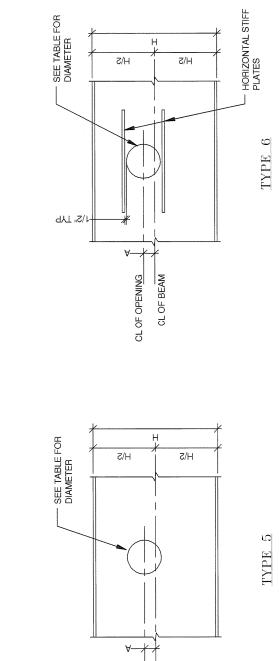
TYPE 2
ROUND BEAM WEB OPENING (W10 B.M. OR GREATER)
MINIMUM HOLE SPACING = $2'-0"$



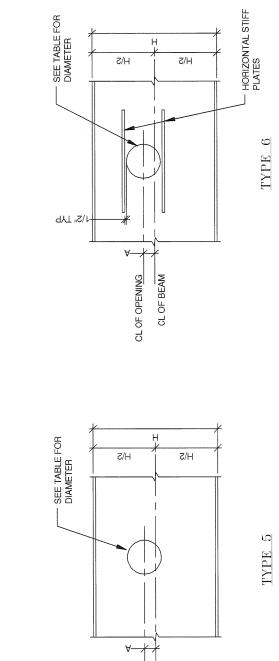
TYPE 3
REINFORDED RECTANGULAR BEAM WEB OPENING
MINIMUM HOLE SPACING = $4L$



TYPE 4
CONDITIONS SHOWN FOR TYPE 3 APPLY TO TYPE 4 AS WELL.



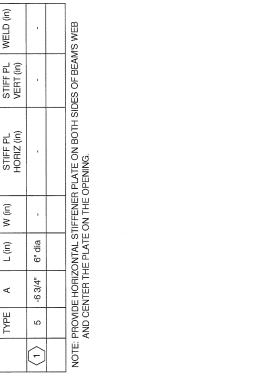
TYPE 5
CONDITIONS SHOWN FOR TYPE 2 APPLY TO TYPE 5 AS WELL.



TYPE 6
CONDITIONS SHOWN FOR TYPE 2 APPLY TO TYPE 6 AS WELL.

TYPE	A	L (in)	W (in)	STIFF PL. THICKNESS (in)	STIFF PL. WIDTH (in)	WELD (in)
(1)	5	8.34*	67/8 ina	-	-	-

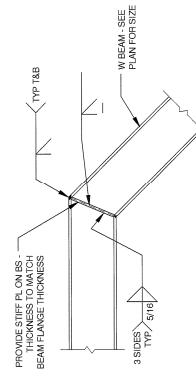
NOTE: PROVIDE REINFORCING PLATES ON BOTH SIDES OF BEAMS WEB AND CENTER THE PLATE ON THE OPENINGS.

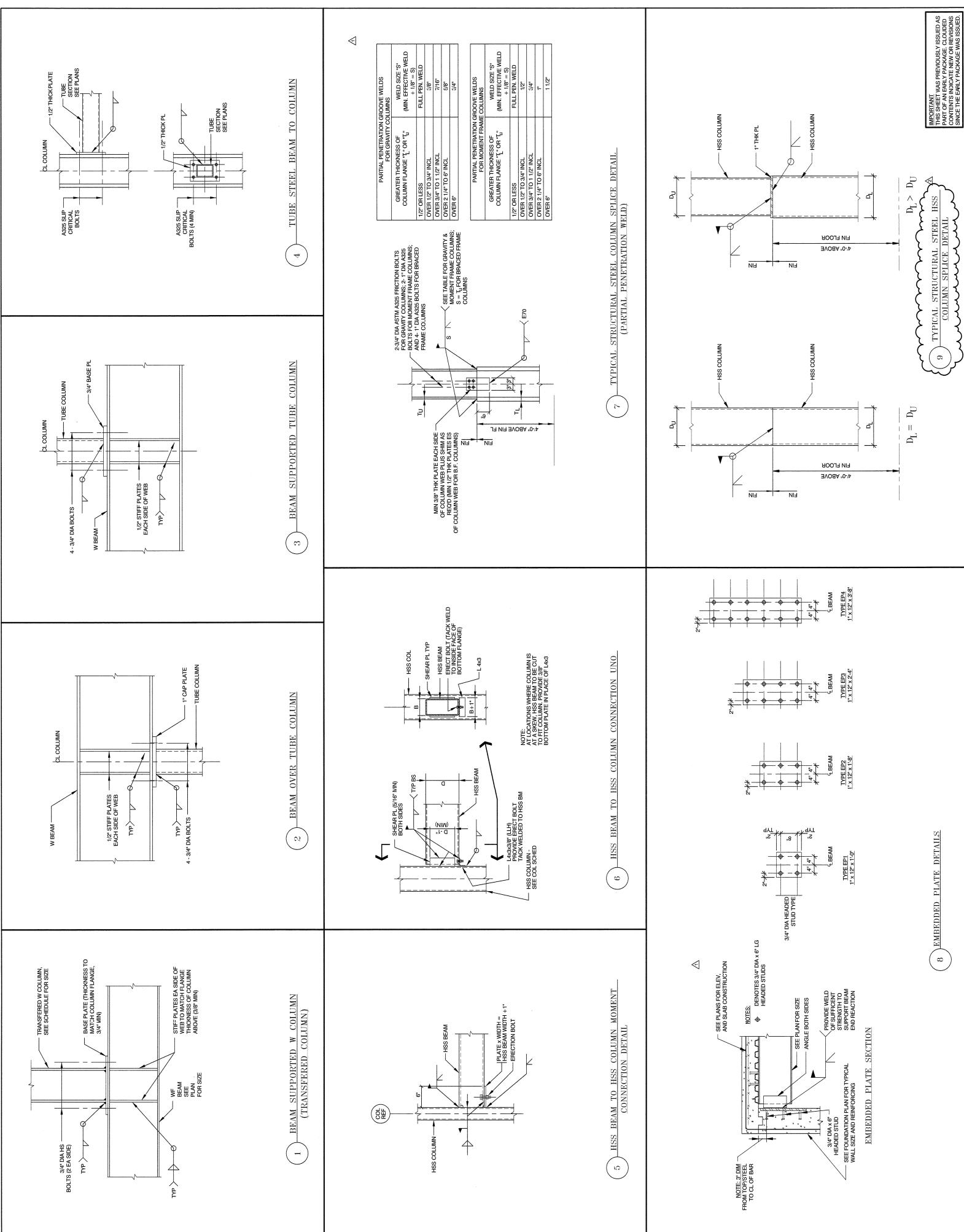


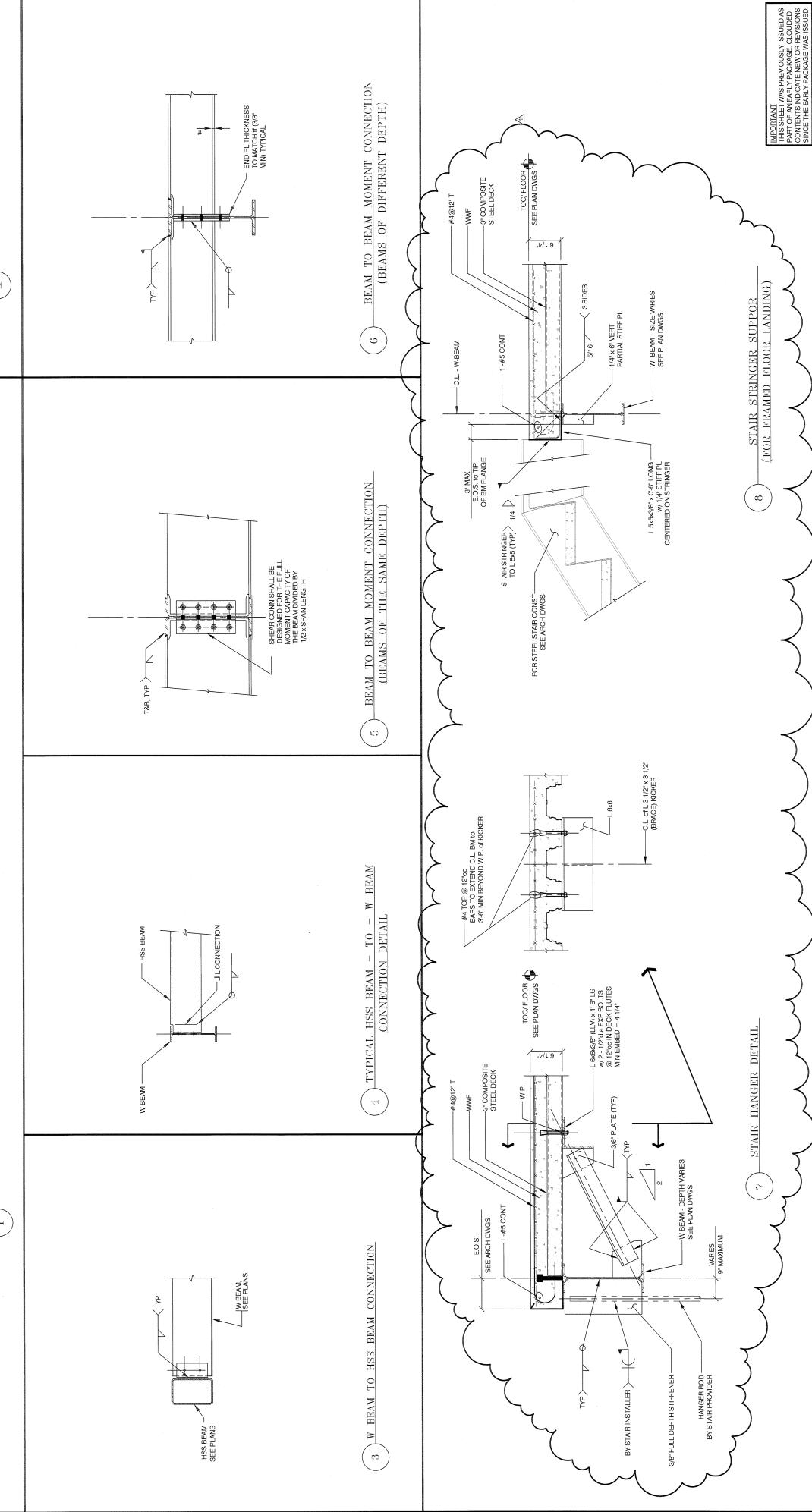
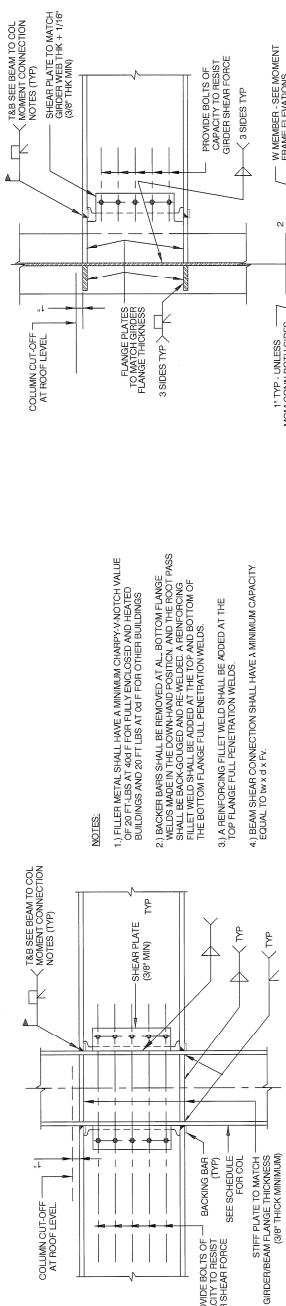
TYPE 3
REINFORDED RECTANGULAR BEAM WEB OPENING
MINIMUM HOLE SPACING = $4L$

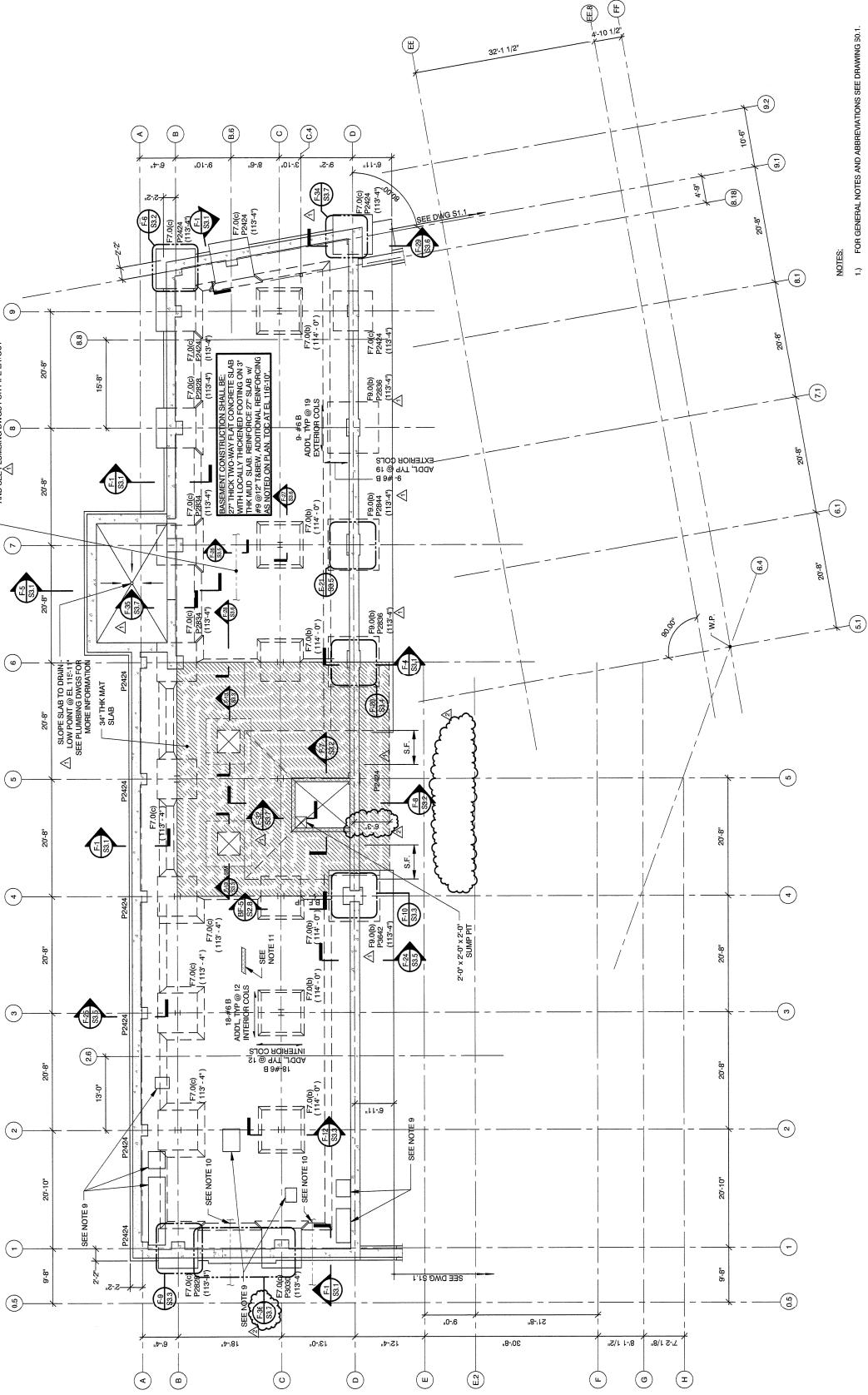
- NOTES.
1. SOME BEAM WEB PENETRATIONS ARE NOTED ON PLANS WHERE ADVANCE INFORMATION IS AVAILABLE; HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH HVAC, PLUMBING, AND ELECTRICAL DRAWINGS LOCATE ALL NECESSARY DRAWS FOR TEE WIRINGS AND NOTIFY ENGINEER FOR APPROVAL.
2. PROVIDE AN ALLOWANCE FOR 6'- TYPE 2 AND 6'- TYPE PENETRATIONS.

- (1) PENETRATIONS THROUGH BEAM WEBS









TYPE	SIZE	PREMILATERAL SCHEDULE	
		REINFORCER	TEST
P2B24	24x24*	#- #8 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B25S	25x35*	#- #10 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B26S	26x35*	#- #10 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B28S	28x35*	#- #8 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B34	29x34*	#- #9 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B38S	29x36*	#- #10 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B44	29x44*	△ - #10 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P2B46	29x46*	#- #10 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P3G9	30x34*	#- #9 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER
P3B42	36x42*	#- #14 #9 VERT -#4 #4 TEST TAB AND #4@12"	REINFORCER

TYPE	FOOTING SCHEDULE			REINFORCEMENT
	L	W	THK	
F4.06.0	6'-0"	4'-0"	1"-2"	7-44 BEVW
F5.0	5'-0"	4'-0"	1"-2"	8-46 BEVW
F7.04(b)	7'-0"	7'-0"	1"-11"	8-47 BEVW
F7.04(c)	7'-0"	7'-0"	3"-6"	8-47 BEVW
F8.00	8'-0"	8'-0"	2"-2"	8-48 BEVW
F9.00	9'-0"	9'-0"	2"-5"	8-49 BEVW
F10.00	10'-0"	10'-0"	3"-6"	10-49 BEVW
F10.04(a)	10'-0"	10'-0"	2"-7"	10-49 BEVW
F10.04(b)	10'-0"	10'-0"	2"-8"	10-49 BEVW
F10.04(c)	10'-0"	10'-0"	2"-11"	11-49 BEVW
F12.00	12'-0"	12'-0"	2"-6"	11-49 BEVW
F13.00	13'-0"	13'-0"	2"-6"	12-49 BEVW
F14.00	15'-0"	15'-0"	2"-10"	15-49 BEVW
F16.00	18'-0"	18'-0"	4"-7"	18-49 BEVW
F18.00/20.00	20'-0"	18'-0"	4"-7"	14-49 BEVW

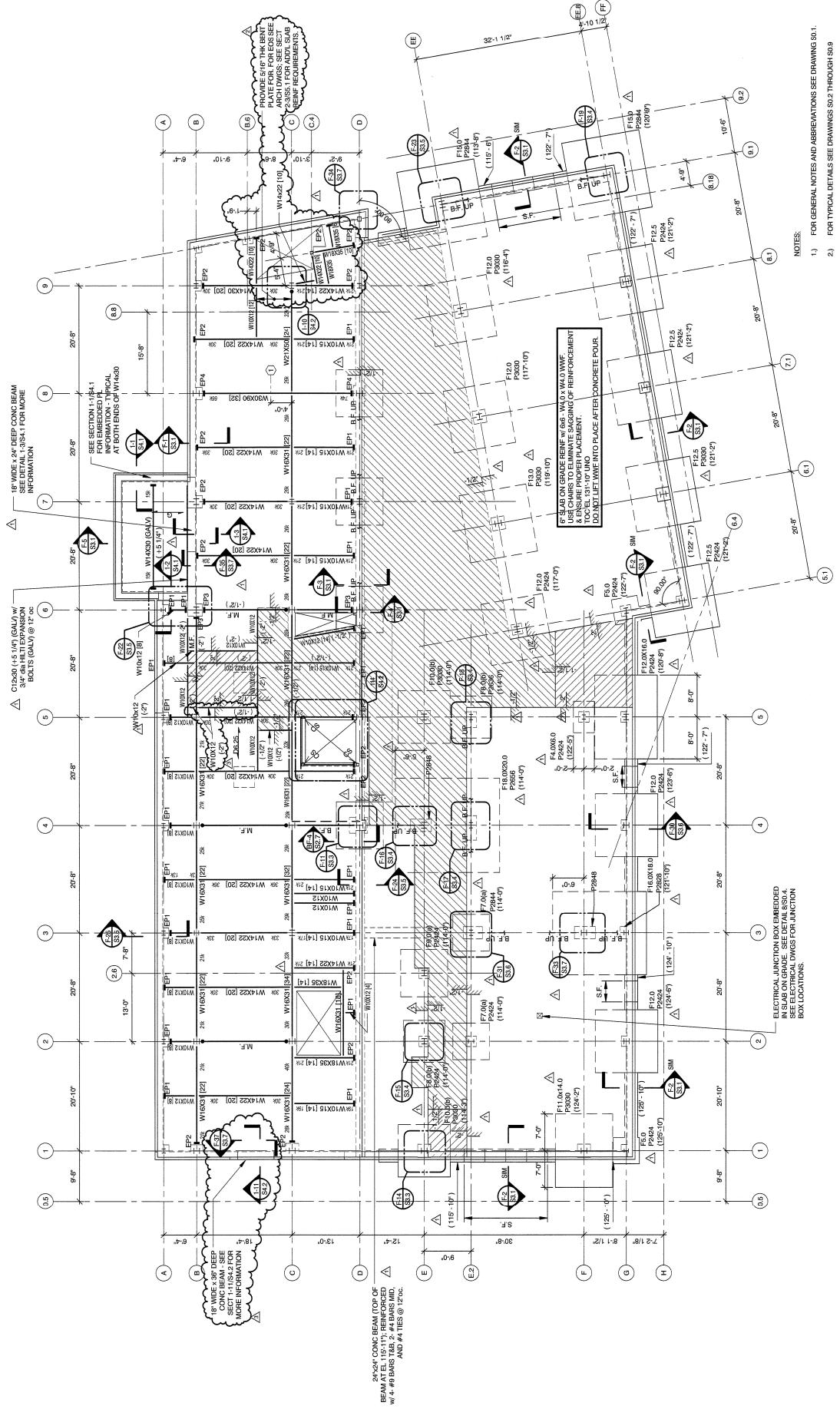
- NOTES:**

 - 1.) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWING 30.
 - 2.) FOR TYPICAL DETAILS SEE DRAWINGS S9.2 THROUGH S9.3.
 - 3.) FOR COLUMN SCHEDULE SEE DRAWINGS S9.1 THROUGH H-3.3.
 - 4.) B.F. UP - DISCARDED BRACED FRAME BEAM & BRACED FRAME STAIRCASE. DRAWING G-8A AND S-8. △
 - 5.) SF DENOTES STEP FOOTING. SEE DETAIL 3 ON DRAWING S9.3 FOR FOUNDATION REQUIREMENTS.
 - 6.) P2494. ETC. DENOTES CONCRETE PIER OR PLASTER. SEE P2494. ETC. ON THIS DRAWING.
 - 7.) F90. ETC. DENOTES CONCRETE FOOTING. SEE FOOTING SCHEDULE Dwg. NO. 1177-1.
 - 8.) (1177-1) ETC. DENOTES BOTTOM OF FOOTING ELEVATION. DENOTES EQUIPMENT PAWS. SEE DETAIL 6184 FOR REINFORCED CONCRETE. SEE ARCHITECTURAL DRAWINGS FOR EQUIPMENT SIZE AND LOCATION.
 - 9.) DENOTES ELECTRICAL CONDUITS THROUGH FOUNDATION WALL. DETAIL 1153.4 FOR ADDITIONAL REINFORCING REQUIREMENTS. ELECTRICAL DRAWINGS FOR LOCATORS SHEEVELESS DETAILS.
 - 10.) FOR INT. NON-LOAD BEARING MASONRY WALLS. TYPE 8. ARCH DWG. FOR DOOR SWING BOUNDARY. SEE S9.2. PROVE DOOR RECD. DETAIL OF PORTIONS OF THIS DRAWING.
 - 11.) FOR INT. NON-LOAD BEARING MASONRY WALLS. TYPE 8. ARCH DWG. FOR DOOR SWING BOUNDARY. SEE S9.2. PROVE DOOR RECD. DETAIL OF PORTIONS OF THIS DRAWING.
 - 12.) FOR LOCATIONS OF POTS SEE PLUMBING DRAWINGS.



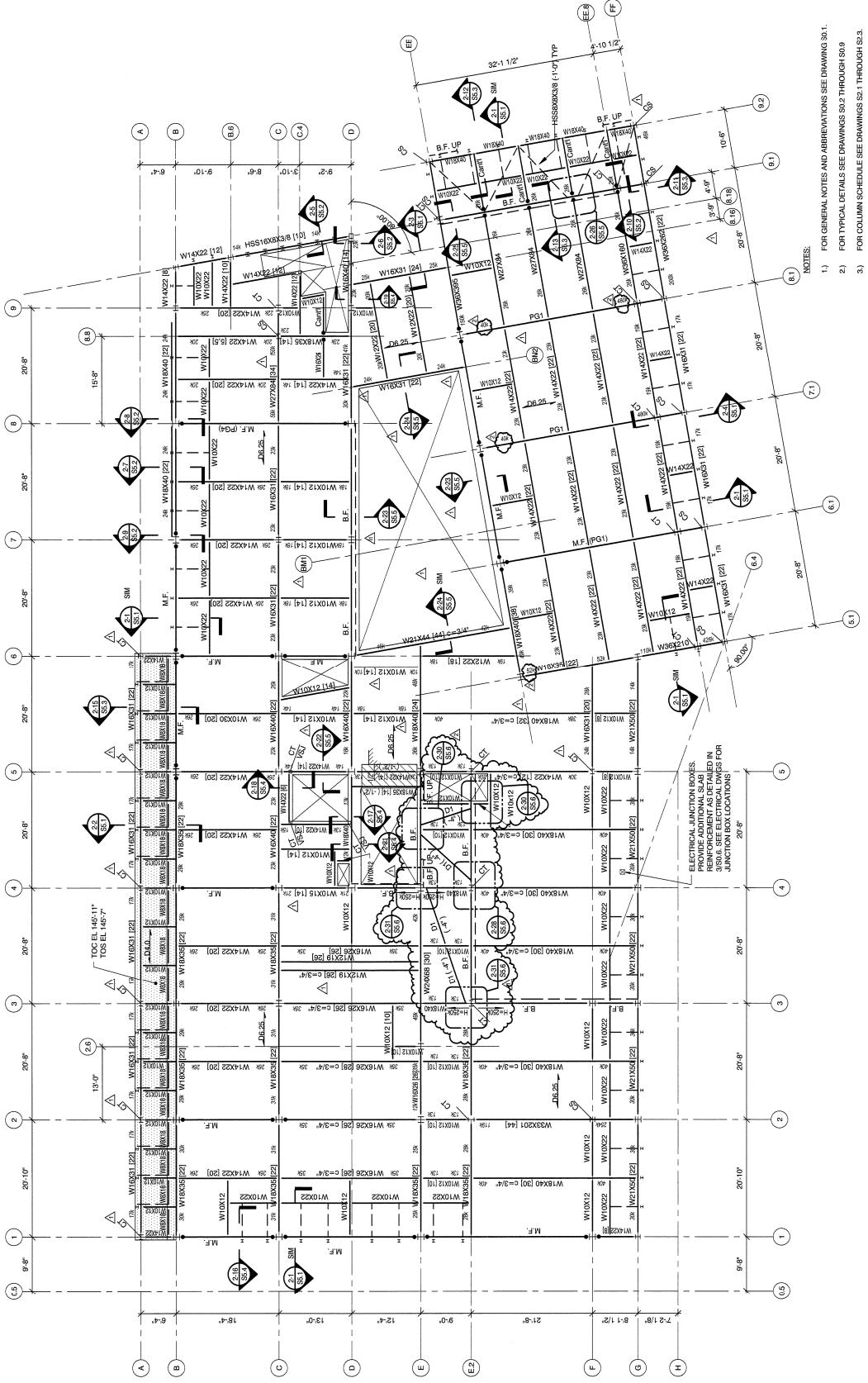
10

IMPORTANT
THIS SHEET WAS PREVIOUSLY ISSUED AS
PART OF AN EARLY PACKAGE. CLODED
CONTENTS INDICATE NEW REVISIONS
SINCE THE EARLY PACKAGE WAS ISSUED.



PIER/PILASTER SCHEDULE				
	TYPE	SIZE	REINFORCEMENT	FOOTING SCHEDULE
P2424	24" X 24"	8 - #8 VERT; 4 #4 TEST TAB AND #4@12"	F4.0	L 6'-0" W 1'-2"
P2626	26" X 26"	10 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F7.0	S 6'-0" T 1'-0"
P2656	26" X 26"	12 - #10 VERT; 4 #4 TEST TAB AND #4@12"	F7.0	T 7'-0" S 2'-10"
P2656	26" X 26"	12 - #10 VERT; REMAINDER	F7.0	S 6'-0" T 3'-6"
P2828	28" X 28"	8 - #8 VERT; 4 #4 TEST TAB AND #4@12"	F8.0	S 8'-0" T 2'-2"
P2834	28" X 28"	10 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F9.0	S 9'-0" T 2'-5"
P2836	28" X 28"	10 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F10.0	T 10'-0" S 3'-6"
P2844	28" X 44"	12 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F12.0	T 12'-0" S 2'-8"
P2848	28" X 44"	14 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F12.0	T 12'-0" S 2'-11"
P2848	28" X 44"	14 - #9 VERT; REMAINDER	F12.0	T 12'-0" S 2'-11"
P3030	30" X 30"	8 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F13.0	S 13'-0" T 2'-5"
P3642	36" X 42"	14 - #9 VERT; 4 #4 TEST TAB AND #4@12"	F14.0	S 14'-0" T 4'-0"

- NOTES:
 1) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWINGS S4.1 THROUGH S4.1.
 2) FOR TYPICAL DETAILS SEE DRAWINGS S4.2 THROUGH S4.9
 3) FOR COLUMN SCHEDULE SEE DRAWINGS S4.1 THROUGH S4.3.
 4) FIRST FLOOR FRAMING:
 4.1 TOP OF CONCRETE = EL. 13'-10" UNG. ON LAN
 4.2 TOP OF STEEL = 13'-1" 3 1/4" UNLESS NOTED (+/-) ON PLAN
 4.3 DR 25 → DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING OF 31 DEEP 18 GA GALVANIZED COMPOSITE STEEL DECK W 3 1/4" LIGHTWEIGHT CONCRETE TOP DECK. TOTAL THICKNESS = 6 1/4". PROVIDE WWF 8x6-WA 20x4.0 PA 4x6 1/2" OC FOR OVER ALL GIRDERS & SPANNERS BEAMS AS TYPICAL.
 4.4 G → DENOTES SPAN DIRECTION OF 31 DEEP GALVANIZED STEEL GIRDING.
 4.5 CS → DENOTES COLUMN STARTS AT THIS LEVEL.
 4.6 TOP OF GIRDING ELEMENTS IS 2'-7" SEE ARCH DWGS FOR ADD'L INFORMATION.
 4.7 DR 25 → DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING OF 31 DEEP 18 GA GALVANIZED COMPOSITE STEEL DECK W 3 1/4" LIGHTWEIGHT CONCRETE TOP DECK. TOTAL THICKNESS = 6 1/4". PROVIDE WWF 8x6-WA 20x4.0 PA 4x6 1/2" OC FOR OVER ALL GIRDERS & SPANNERS BEAMS AS TYPICAL.
 4.8 ▲ → DENOTES BRACED FRAME TERMINATES AT THIS LEVEL.
 4.9 ▲ → DENOTES FRAME ELEVATIONS. SEE DRAWINGS S4.2 & S4.3.
 4.10 M.F. → SEE DRAWINGS S4.2 & S4.3.
 4.11 ▲ → DENOTES STEEL FOOTING. SEE DETAIL 3 ON DRAWING S4.2 FOR REINFORCEMENT REQUIREMENTS
 4.12 ▲ → ETC. → DENOTES CONCRETE PIER OR PILASTER. SEE SP4.1.
 4.13 ▲ → SEE DRAWINGS S4.1.
 4.14 ▲ → ETC. → DENOTES BOTTOM OF FOOTING ELEVATION.
 5) 1) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWINGS S4.1.
 2) FOR TYPICAL DETAILS SEE DRAWINGS S4.2 THROUGH S4.9
 3) FOR COLUMN SCHEDULE SEE DRAWINGS S4.1 THROUGH S4.3.
 4) TOP OF CONCRETE = EL. 13'-10" UNG. ON LAN
 5) DR 25 → DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING OF 31 DEEP 18 GA GALVANIZED COMPOSITE STEEL DECK W 3 1/4" LIGHTWEIGHT CONCRETE TOP DECK. TOTAL THICKNESS = 6 1/4". PROVIDE WWF 8x6-WA 20x4.0 PA 4x6 1/2" OC FOR OVER ALL GIRDERS & SPANNERS BEAMS AS TYPICAL.
 6) ▲ → DENOTES SPAN DIRECTION OF 31 DEEP GALVANIZED STEEL GIRDING.
 7) CS DENOTES COLUMN STARTS AT THIS LEVEL.
 8) ▲ → DENOTES BRACED FRAME TERMINATES AT THIS LEVEL.
 9) ▲ → DENOTES FRAME ELEVATIONS. SEE DRAWINGS S4.2 & S4.3.
 10) ▲ → ETC. → DENOTES EMBEDDED PLATE. SEE DETAIL 3S4.8 FOR PLATE SIZE.
 11) ▲ → DENOTES STEEL FOOTING. SEE DETAIL 3 ON DRAWING S4.2 FOR REINFORCEMENT REQUIREMENTS
 12) SCHEDULE ON DWG S4.1.
 13) Scale: 1/8" = 1'-0" 0" 4" 8" 16"



GENERAL NOTES AND ABBREVIATIONS SEE DRAWING 30.1

- 2) FOR TYPICAL DETAILS SEE DRAWINGS S2 THROUGH S9 & S12.

3) FOR COLUMN SCHEDULE SEE DRAWINGS S2, 1 THROUGH S3.

SECOND FLOOR FRAMING

4) **TOP OF CONCRETE = EL. 14'-0" UNTIL ON PLAN**
TOP OF STEEL = 14'-0" (UNLESS NOTED) +/- ON PLAN

5) **D-25:** DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING
 OF 12' DEEP X 18" GALVANIZED COMPOSITE STEEL DECK / 3" MF LIGHTWEIGHT
 CONCRETE COVER / TOTAL THICKNESS = 6 1/4" PROVIDED W/ 6X6 I-WHM &
 10X12 I-WC AT (0C TO ALL END GIRDERS & SPANNING BEAMS FOR
 DETAILS).

6) **D-40:** DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING
 OF 12' DEEP X 18" GALVANIZED COMPOSITE STEEL DECK / 4" MF LIGHTWEIGHT
 CONCRETE COVER / TOTAL THICKNESS = 7 1/2" PROVIDED W/ 6X6 I-WHM &
 10X12 I-WC AT (0C TO ALL END GIRDERS & SPANNING BEAMS AS
 PER TYPICAL DETAILS).

P 7) **C:** DENOTES COLUMN STARTS AT THE LINE
 C DENOTES COLUMN ENDS AT THIS LEVEL

8) **B.F.:** DENOTES BRACED FRAME BEAM & DIAGONAL BRACING MEMBER

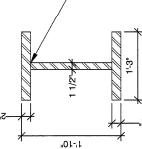
9) **M.F.:** DENOTES MOMENT FRAME BEAMS. FOR MOMENT FRAME
 ELEVATIONS SEE DRAWINGS S4 & S5.

10) **Cart:** DENOTES FULL PENETRATION MACHINED CONNECTION THE
 CANTILEVERED BEAM MEMBER IS EQUAL TO THE BACK SPAN (UNLESS
 OTHERWISE NOTED).

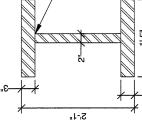
11) **(X):** INDICATES STEEL PENETRATION. SEE DETAIL 17/17 FOR BEAM



PCI (Ex = 50 KSI)

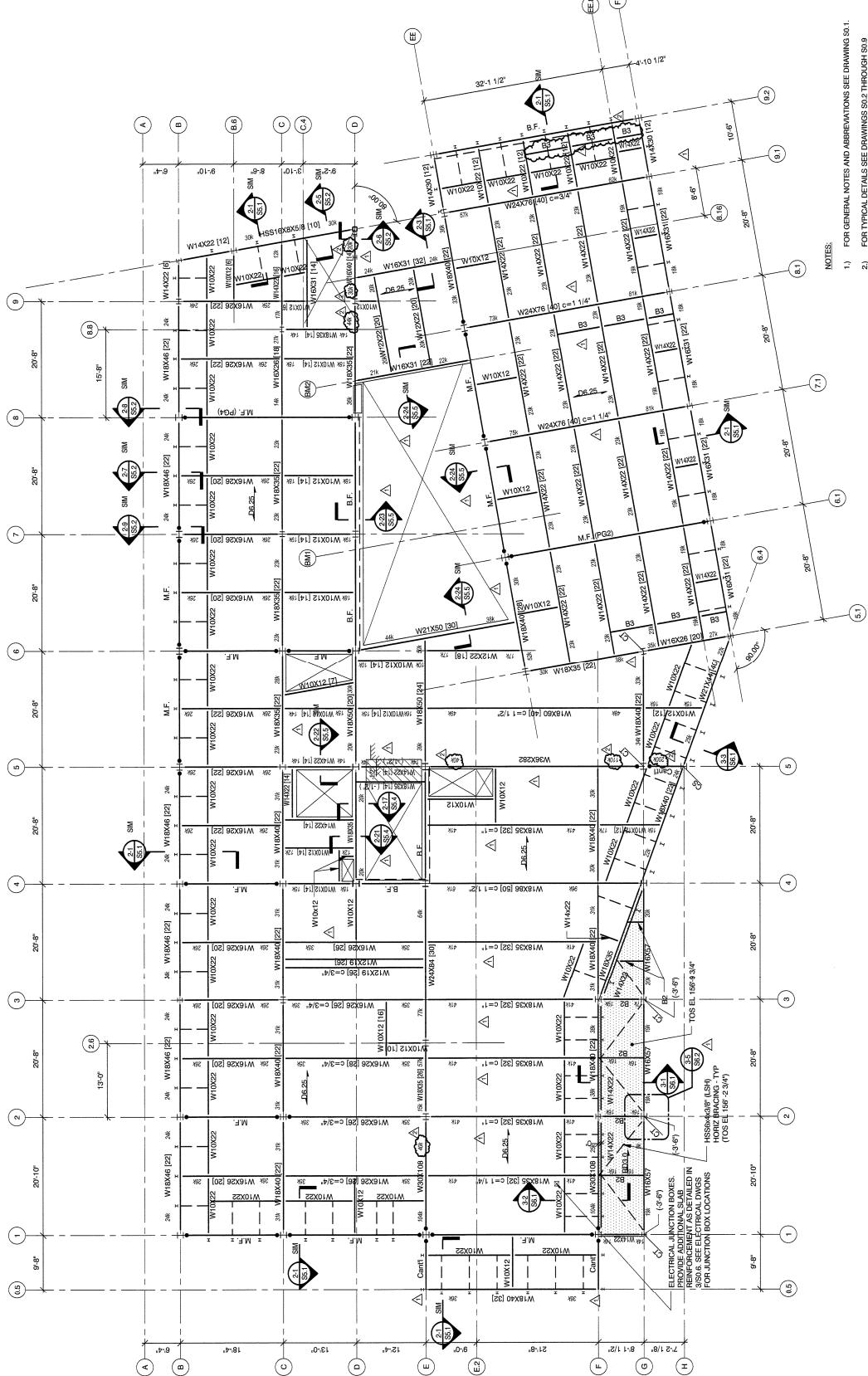


$$\text{DCA}(\mathbf{F}_{\text{E}}) = \mathbf{\Sigma}_0 \mathbf{v}_{\text{SI}}$$



DCI (E) = 0 m/s



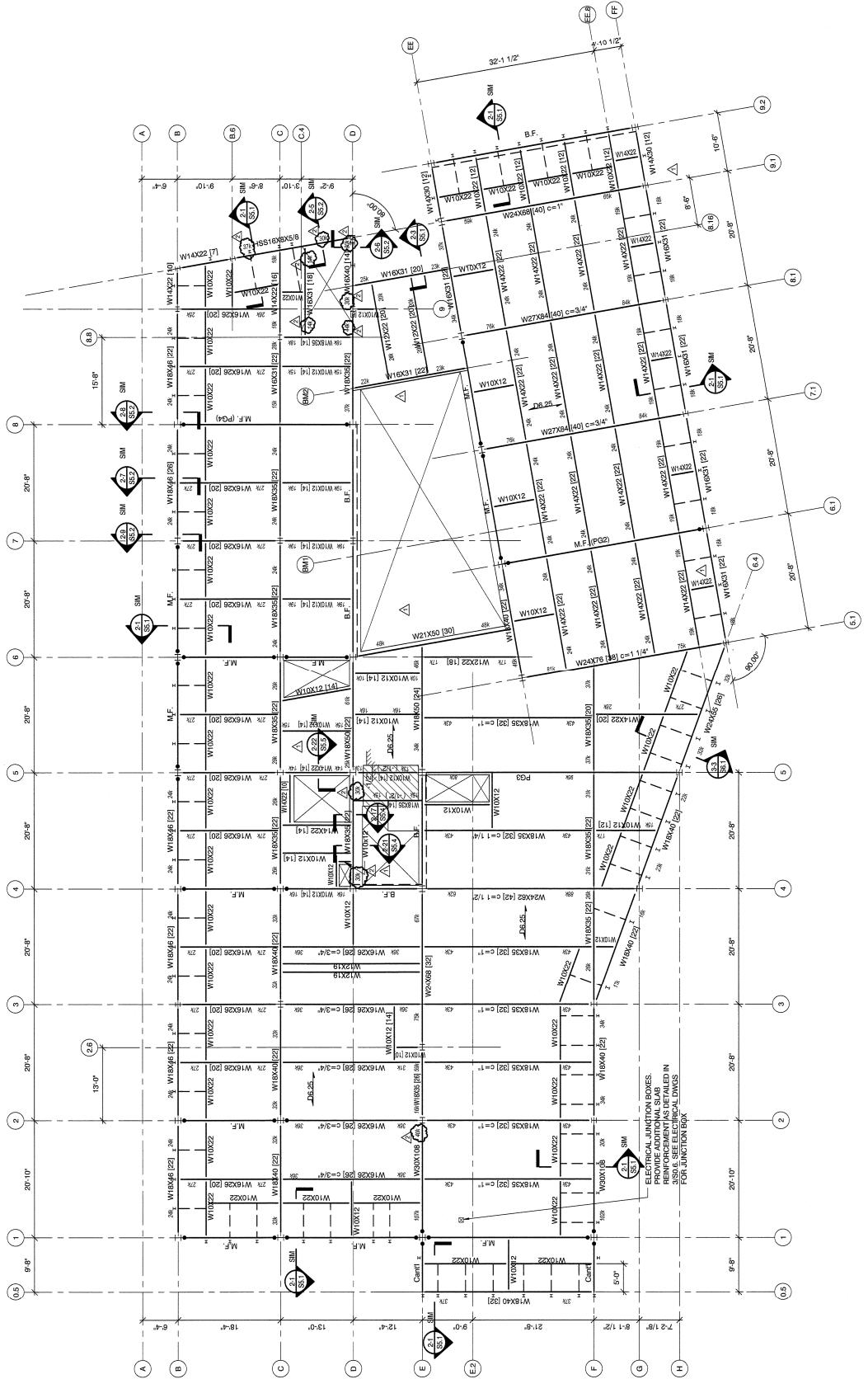


- FOR COLUMN SPLICING SEE DRAWINGS SE-1 THROUGH SE-2...

 - 4.) THREE FLOOR FRAMING. BEAMS ARE 16' LONG.
TOP OF CONCRETE = 16' 3 1/4" UNLESS NOTED (+/-) ON PLAN
TOP OF STEEL = 16' 3 1/4" UNLESS NOTED (+/-) ON PLAN
 - 5.) **D** DENOTES SPANNED DIRECTION OF FLLOOR CONSTRUCTION CONSISTING
OF 3 DEEP 18 GA GALVANIZED COMPOSITE STEEL DECK W/ 3 1/4" LIGHTWEIGHT
CONCRETE COVER TOTAL THICKNESS = 6 1/4". I PROVIDE 10' SWS, 10' DOWEL
@ 12" OC TO OVERALL GIRDERS & SPANNING BEAMS AS PER FIGURE
DETAILED IN DRAWINGS 5A & 5B.
 - 6.) **B2D** DENOTES SPANNED DIRECTION OF ROOF CONSTRUCTION CONSISTING OF:
3 DEEP 18 GA GALVANIZED STEEL ROOF DECK.
 - 7.) CS DENOTES COLUMN STARTS AT THIS LEVEL
CT DENOTES COLUMN TERMINATES AT THIS LEVEL
 - 8.) **BRA** DENOTES BRADED FRAME & DONGNAL BRACING MEMBER. FOR
BRADED FRAME ELEVATION SEE DRAWINGS 5A & 5B.
 - 9.) **Cant** DENOTES TILT PUNCHED TONKOM BOND CONNECTION. THE
CANTILEVERED BEAM MEMBERS IS EQUAL TO THE BACK SPAN (UNLESS OTHERWISE
NOTED).
 - 10.) **M/F** DENOTES MOMENT FRAME BEAMS. FOR MOMENT FRAME ELEVATIONS
SEE DRAWINGS 5A & 5B.

16

Scale: 1/8" = 1'-0"

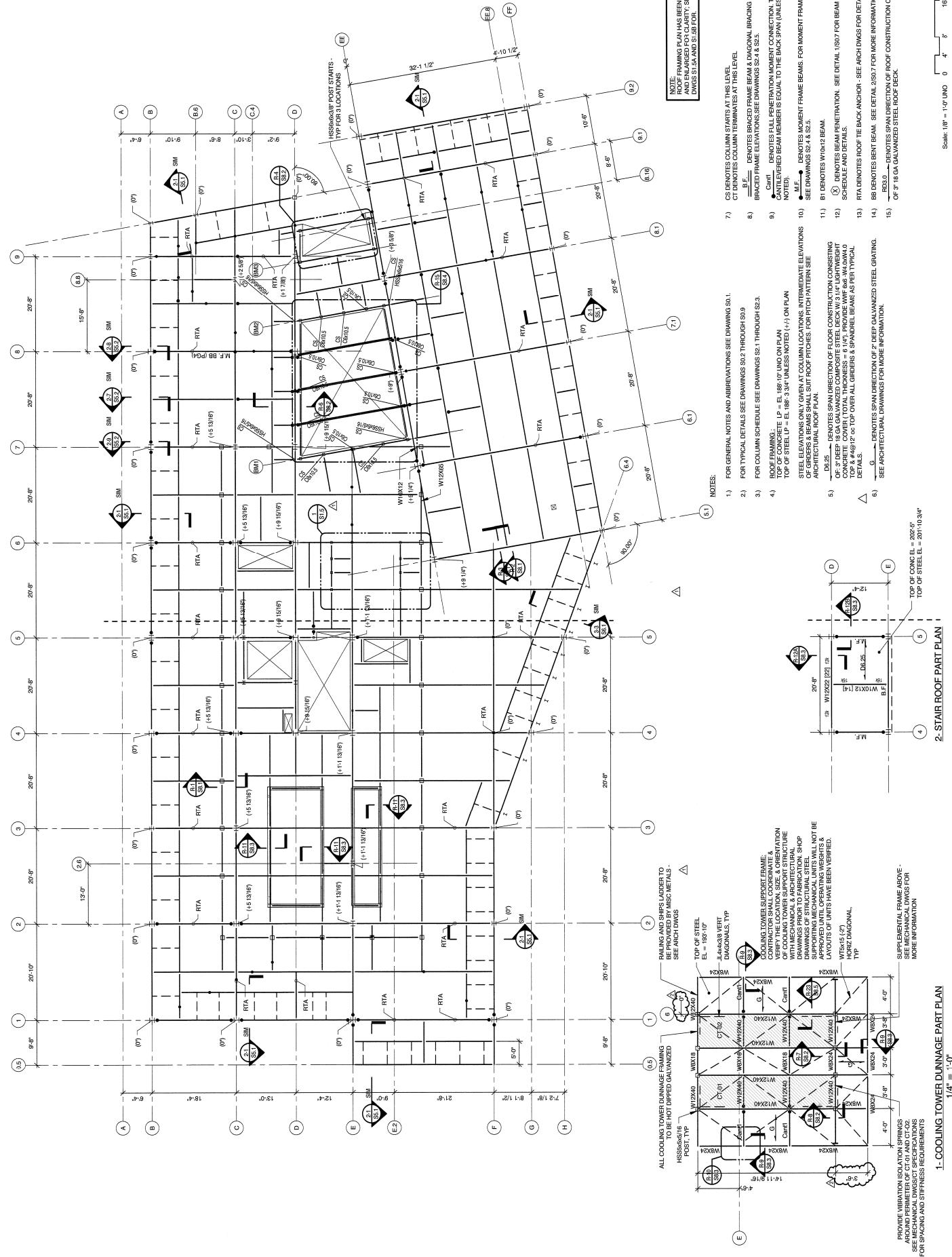


NOTES:
1) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWING S01.
2) FOR TYPICAL DETAILS SEE DRAWINGS S02 THROUGH S09.
3) FOR COLUMN SCHEDULE SEE DRAWINGS S21 THROUGH S23.

FOURTEEN FLOOR FRAMING:

- 4) CS DENOTES COLUMN STARTS AT THIS LEVEL.
- 5) ▲ DENOTES BRACED FRAME BEAM & DIAGONAL BRACING MEMBER.
- 6) △ DENOTES COLUMN TERMINATES AT THIS LEVEL.
- 7) △ CONT'D DENOTES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING OF STEEL DECK, 1 1/2 IN. GROUTED CONCRETE SLAB, 1/2 IN. GROUT, 1/2 IN. TOP & 1/4 IN. BOTTOM CONCRETE BUMPER, 1/2 IN. GROUT, 1/2 IN. GROUTED CONCRETE BUMPER, 1/2 IN. GROUT, 1/2 IN. TOP OVERALL SPANDREL BEAMS AS PER TYPICAL DETAILS.
- 8) ▲ DENOTES FULL PENETRATION MOMENT CONNECTION, THE CANTILEVERED BUMPER IS EQUAL TO THE BACK SPAN UNLESS OTHERWISE NOTED.
- 9) ▲ DENOTES MOMENT FRAME BEAMS, FOR MOMENT FRAME DETAILS, SEE DRAWINGS S24 & S25.
- 10) △ DENOTES BEAM REINFORCEMENT, SHEET DETAIL 15027 FOR BEAM PENETRATION SCHEDULE AND DETAILS.

PG3 (Fy = 50 KSI)



NOTE:
BEAM REACTIONS AT THIS LEVEL
HAVE BEEN REVISED AS PART OF
ADDENDUM NO. 2.

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STRUCTURE		WALLS		CEILINGS		ROOF		DOORS		WINDOWS		GLAZING		FLOOR		STAIRS		REMARKS/OPEN DETAIL		
STRUCTURE	201'-10 3/4"																		STRUCTURE	201'-10 3/4"
TOS- ROOF	188'-3 3/4"																		TOS- ROOF	188'-3 3/4"
TOS- FOURTH FLOOR	174'-3 3/4"																		TOS- FOURTH FLOOR	174'-3 3/4"
TOS- THIRD FLOOR	169'-3 3/4"																		TOS- THIRD FLOOR	169'-3 3/4"
TOS- SECOND FLOOR	146'-3 3/4"																		TOS- SECOND FLOOR	146'-3 3/4"
TOC- FIRST FLOOR	131'-10"																		TOC- FIRST FLOOR	131'-10"
TOC- FOUNDATION	116'-10"																		TOC- FOUNDATION	116'-10"
Bolt Base Plate Size:																			Bolt Base Plate Size:	
THICKNESS	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4"
Base Plate Width (Inches)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12"
Length	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12"
ANCHOR BOLT (#/Dia)	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4	4-3/4"	
Type	A	A	A	A	A	A	A	A	A	B	B	B	B	B	B	B	B	B	E	
REMARKS/OPEN DETAIL																			REMARKS/OPEN DETAIL	

△ DENOTES COLUMN SPLICE; SEE DETAIL 7150.8 FOR ADD'L INFORMATION.
FOR INFORMATION REGARDING BASE PLATES AT TRANSFERS.

NOTES

- SEE DETAILS 1 & 2/250.8

3.) SE CONCRETE BRACED FRAME MEMBER. SEE DRAWINGS S2-4
AND S2-5 FOR INTERNAL RESISTING FRAME ELEVATIONS

4.) WELDED MEMBER FRAME MEMBER. SEE DRAWINGS S2-4
AND S2-5 FOR INTERNAL RESISTING FRAME ELEVATIONS

5.) FOR BASE PLATE DETAILS. SEE DRAWING S2-3.

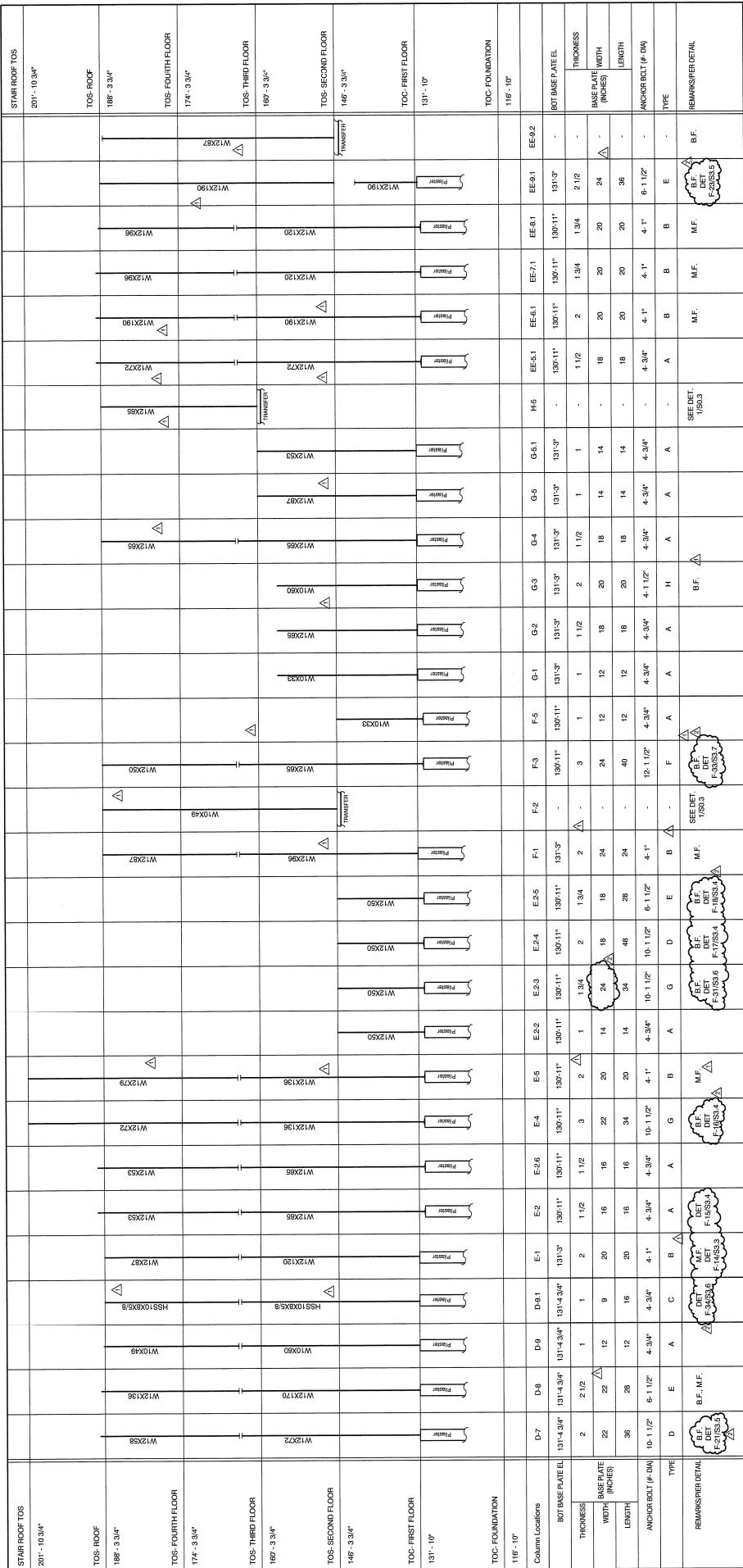
6.) FOR ANCHOR ROD DETAILS. SEE DRAWING S2-3.

7.) 3/4" dia. ANCHOR RODS = F1554 GR 36 w/ 12" EMBED LENGTH
w/ 3" TUBE

1" dia. ANCHOR RODS = F1554 GR 55 w/ 2'3" EMBED LENGTH
w/ 1" TUBE ARRANGEMENT AT BOTTOM OF RODS

1.14" dia. ANCHOR RODS = F1554 GR 55 w/ 2'0" EMBED LENGTH
w/ 1" TUBE, ARRANGEMENT AT BOTTOM OF RODS

1.12" dia. ANCHOR RODS = F1554 GR 55 w/ 2'0" EMBED LENGTH
w/ 1" TUBE, ARRANGEMENT AT TOP OF RODS



NOTES:
1.) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWING
SD1.
2.) FOR TYPICAL DETAILS SEE DRAWINGS SD2 THROUGH SD9.
3.) DENOTES COLLAR SPLICING; SEE DETAIL 7/S0.8 FOR ADDL.
INFORMATION.
4.) DENOTES INFORMATION REGARDING BASE PLATES AT TRANSFERS,
SEE DETAILS 8 & 2/S0.8.

- 3.) **BEAM BRACED FRAME MEMBER SEE DRAWINGS S2**
S2-1) ON LATERAL RESISTING FRAME ELEVATIONS

4.) **ANCHOR PLATES MOMENT FRAME MEMBER SEE DRAWINGS S2**
S2-2) ON LATERAL RESISTING FRAME ELEVATION.

5.) **FOR BASE PLATE DETAILS, SEE DRAWING S2.3**

6.) **ANCHOR ROD DETAILS, SEE DRAWING S2.3**

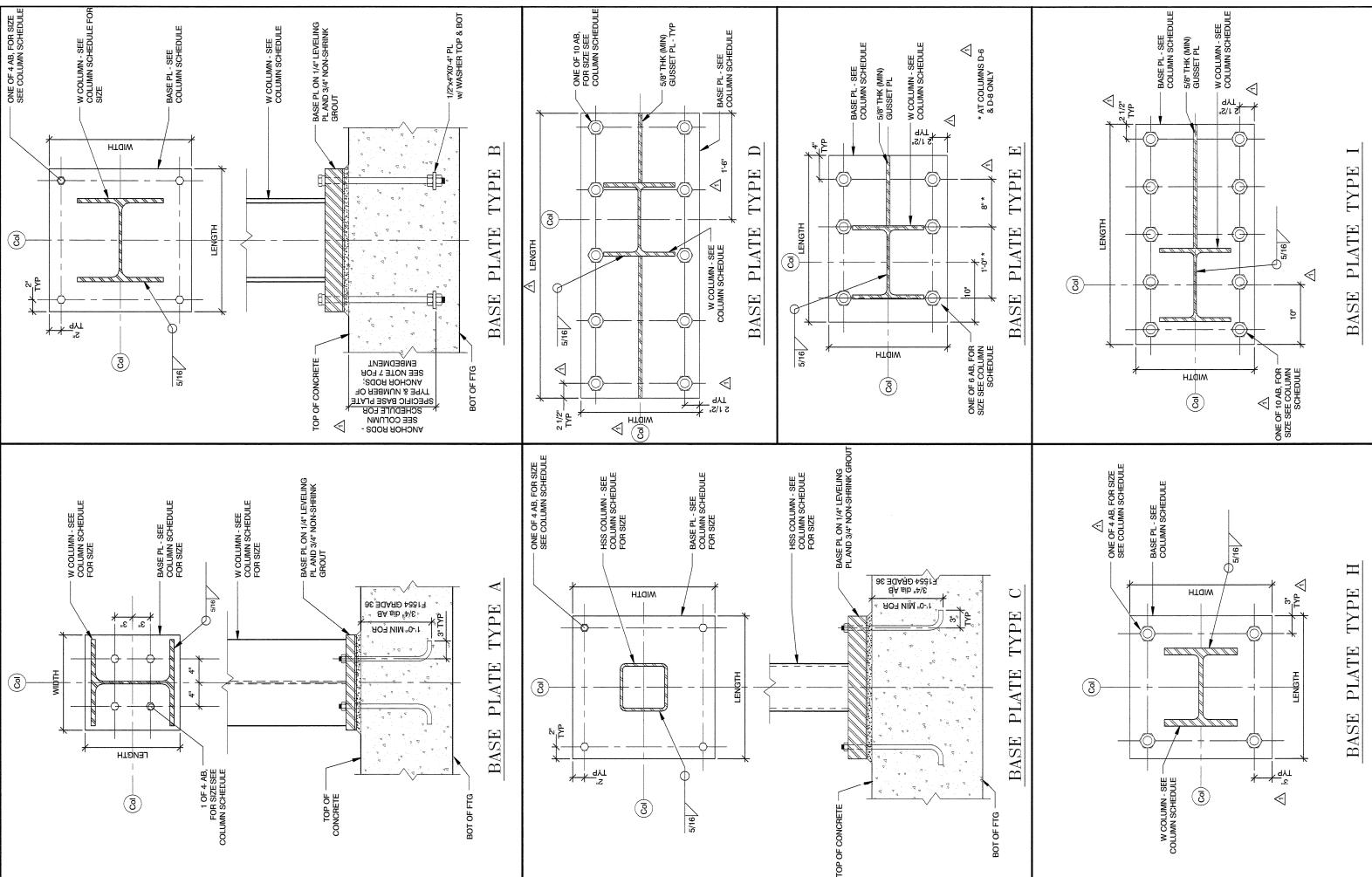
7.) **ANCHOR RODS - F55A OR B50 OR B12 EMBED LENGTH**
W/ 3" HOOK

1 db ANCHOR RODS = F55A GR. W/ 2" CROWN LENGTH
 AT BOTTOM OF RODS

1 1/2 db ANCHOR RODS = F55A GR. W/ 2" OF EMBED LENGTH
 W/ WASHER ARRANGEMENT AT TOP OF RODS

1 1/2 db CHORIOR RODS = F55A GR. W/ 3" EMBED LENGTH
 W/ WASHER ARRANGEMENT AT TOP OF RODS

1



TOS-ROOF		TOS-FOURTH FLOOR		TOS-THIRD FLOOR		TOS-SECOND FLOOR		TOC-FIRST FLOOR		TOC-FOUNDATION	
188'-3 3/4"											
TOS-FOURTH FLOOR											
174'-3 3/4"											
TOS-FOURTH FLOOR											
160'-3 3/4"											
TOS-SECOND FLOOR	146'-3 3/4"										
TOC-FIRST FLOOR	131'-10"										
TOC-FOUNDATION	118'-10"										
Column Locations	EE-B-5.1	EE-B-6.1	EE-B-8.1	EE-B-9.1	FF-7.1	FF-6.1	FF-8.1	FF-9.1	FF-3.2		
Thickness	131'-3"	131'-3"	131'-3"	131'-3"	131'-3"	131'-3"	131'-3"	131'-3"	131'-3"		
BASE PLATE (INCHES)	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
WIDTH (INCHES)	18	20	18	20	20	24	20	24	20		
LENGTH	18	20	20	20	36	36	20	36	36		
ANCHOR BOLT (#/DA)	4-3/4"	4-1"	4-3/4"	4-1"	6-1 1/2"	6-1 1/2"	4-1"	6-1 1/2"	6-1 1/2"		
REMARKS/DETAIL	A	B	A	B	E	-	-	-	-		
M.F.											
B.F.											
REMARKS/DETAIL											

NOTES:

- FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWING S1.
- FOR TYPICAL DETAILS SEE DRAWINGS S0.2 THROUGH S0.9.
- BL DENOTES BRAZED FRAME MEMBER. SEE DRAWINGS S2.4 & S2.5 FOR LATENT RESISTING FRAME ELEVATIONS.
- M.D. DENOTES MOMENT FRAME MEMBER. SEE DRAWINGS S2.4 & S2.5 FOR LATENT RESISTING FRAME ELEVATIONS.
- FOR BASE PLATE DETAILS SEE DRAWING S2.3.
- FOR ANCHOR RODS, SEE DRAWING S2.3.
- 3/4" dia ANCHOR RODS = F1654 GR 36 w/ 12' EMBED LENGTH w/ 3" HOOK
- 1/4" dia ANCHOR RODS = F1654 GR 36 w/ 20' EMBED LENGTH w/ WASHER ARRANGEMENT AT BOTTOM OF RODS
- 1 1/4" dia ANCHOR RODS = F1654 GR 36 w/ 20' EMBED LENGTH w/ WASHER ARRANGEMENT AT BOTTOM OF RODS
- 1 1/2" dia ANCHOR RODS = F1654 GR 36 w/ 6' EMBED LENGTH w/ WASHER ARRANGEMENT AT BOTTOM OF RODS

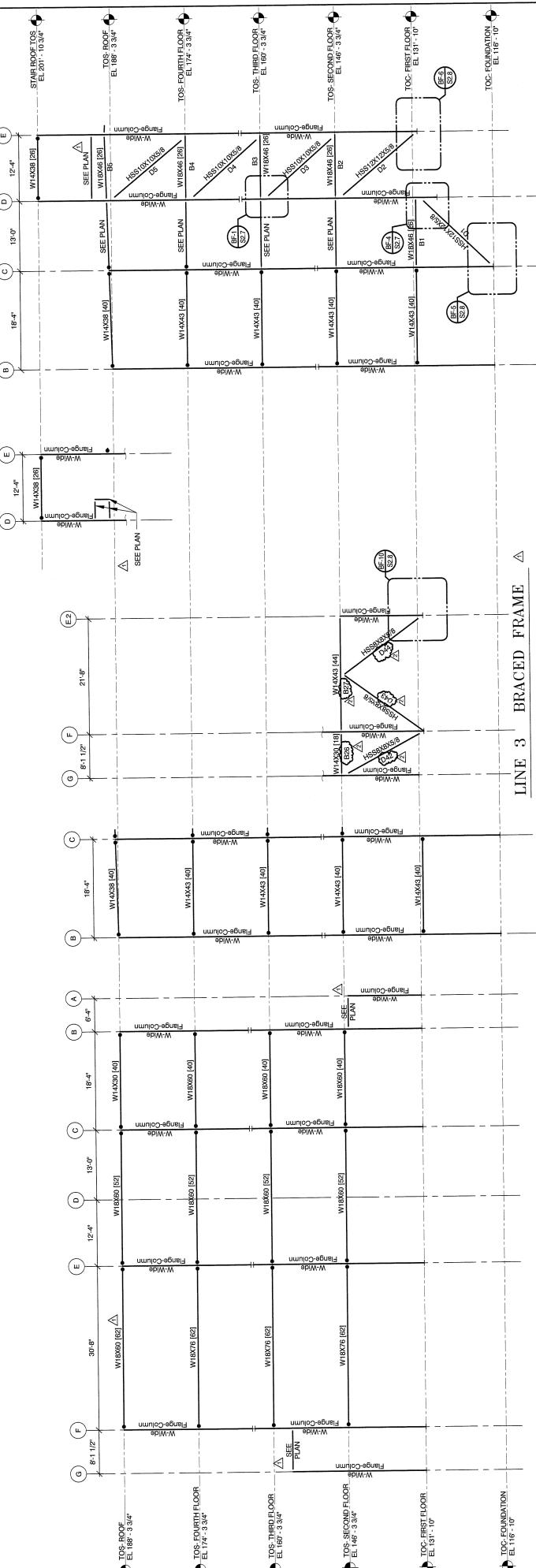
IMPORTANT: THIS SHEET WAS PREVIOUSLY ISSUED AS A REVISION TO THE ORIGINAL DRAWING. THE LATEST EDITION OF THE DRAWING IS THE VALID DRAWING. THE CONTENT INDICATES NEW OR REVISED CONDITIONS SINCE THE EARLY PACKAGE WAS ISSUED.

BASE PLATE TYPE I

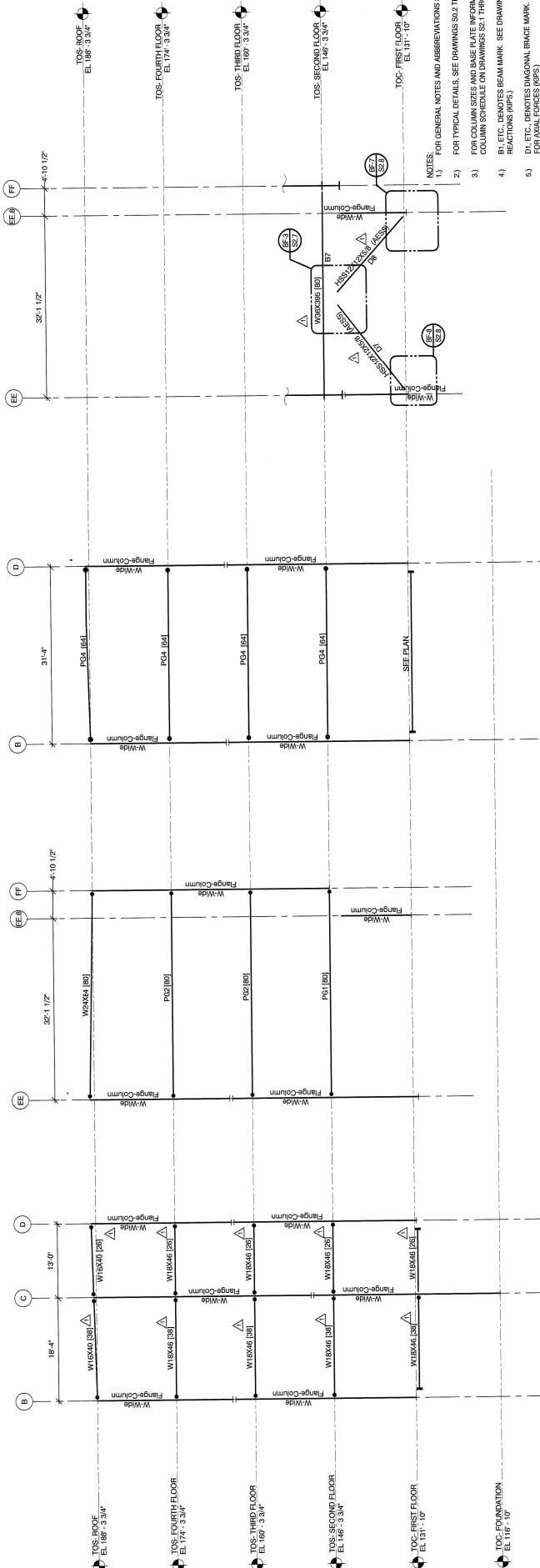
BASE PLATE TYPE II

BASE PLATE TYPE G

BASE PLATE TYPE F



LINE 1	MOMENT FRAME	LINE 2	MOMENT FRAME	LINE 3	MOMENT FRAME	LINE 4	BRAZED FRAME AND MOMENT FRAME
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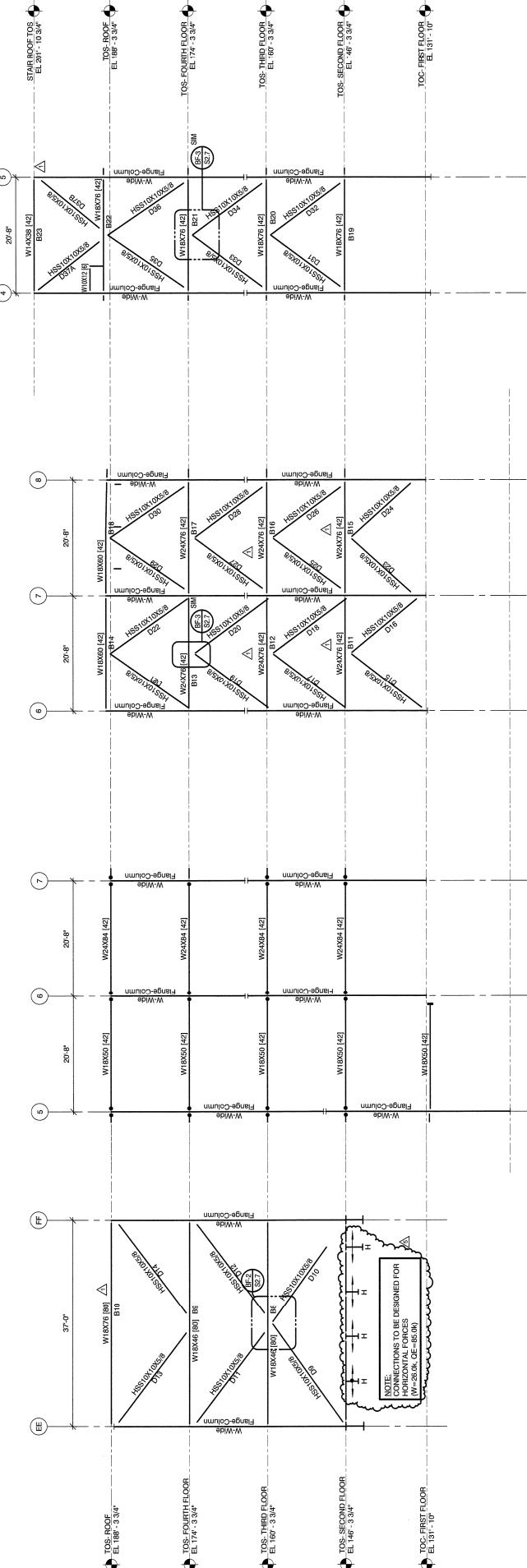
LINE 9.1 BRACED FRAME



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NOTE: CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/AISC 360-05 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND ANSI/AISC 341-05 "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS" FOR SYSTEMS UTILIZING R-3.

THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF AN EARLY PACKAGE. CLODED CONTENTS INDICATE NEW OR REVISIONS SINCE THE EARLY PACKAGE WAS ISSUED.



LINE 9.2 BRACED FRAME

LINE B MOMENT FRAME

LINE D BRACED FRAME

LINE E BRACED FRAME

CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF ANSI/AISC 360-16 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS AND THE DESIGN PROCEDURES ESTABLISHED IN ANSI/AISC 341-16 FOR STRENGTH AND DEFLECTIONS OF STRUCTURAL STEEL BUILDINGS AND THE DESIGN METHOD FOR SYSTEMS UTILIZING R-3

B. LOAD COMBINATION USING ALLOWABLE STRESS DESIGN

CLOUDS INDICATE THAT THE CONNECTION IS LOCATED ON A COLUMN THAT IS SUBJECT TO A VARIABLE LOAD.

1. LOAD COMBINATION USING STRENGTH DESIGN

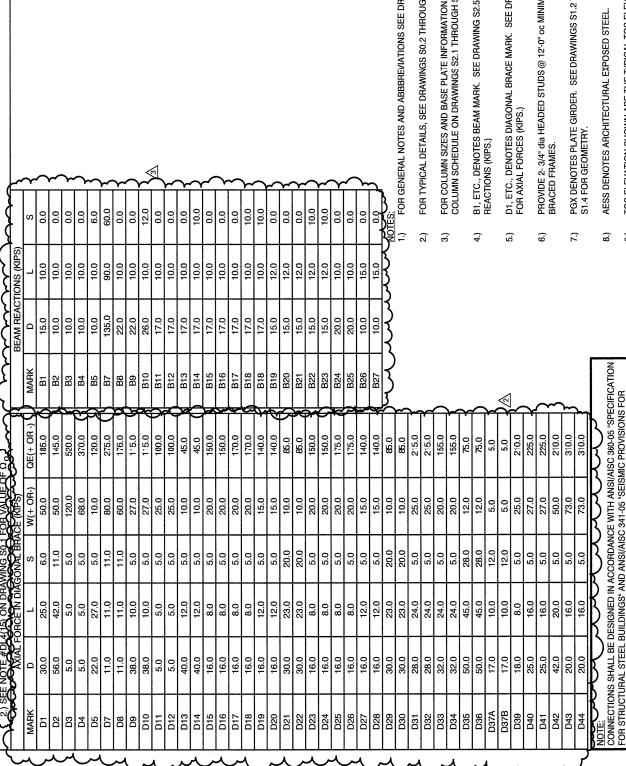
A. LOAD COMBINATION FOR SYSTEMS UTILIZING R-3

1. 1.4D + 1.6L + 0.5S
2. 1.2D + 1.6S + 0.1W(BW)
3. 1.2D + 1.6L + 0.5S
4. 1.2D + 1.6L + 0.5S
5. (1.2D + 0.5S)D + L + 0.25(S)
6. 0.9D + 1.6W
7. (0.9 + 0.2 S)D + O(E)

NOTE 1: SEE NOTE 40/177 ON DRAWING 801 FOR VALUE OF S DS.

NOTE 2: SEE NOTE 40/177 ON DRAWING 801 FOR VALUE OF S DS.

NOTE 3: SEE NOTE 40/177 ON DRAWING 801 FOR VALUE OF S DS.



NOTE 1: THIS SHEET WAS PREVIOUSLY ISSUED AS PART OF AN EARLY PACKAGE. CLOUDS CONTAIN NEW OR CLODED CONTENTS INDICATE NEW OR CHANGED PROVISIONS SINCE THE LAST PACKAGE WAS ISSUED.

NOTE 2: THIS SHEET SHOWS THE TYPICAL ELEVATIONS FOR STRUCTURAL STEEL BUILDINGS AND THE DESIGN METHODS UTILIZED.

NOTE 3: ALL VARIATIONS ARE NOTED ON FAMING PLANS.

NOTE 4: LINE 9.2 FOR GEOMETRY.

NOTE 5: LINE 9.2 DENOTES DIGITAL BRACE MARK. SEE DRAWING S2.5 FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWING S0.1 FOR LOCAL NOTES.

NOTE 6: PROVIDE 2'-0" dia. HEADED STUDS @ 12'-0" on MINIMUM ON ALL BRACED FRAMES.

NOTE 7: FOX DENOTES PLATE GIRDERS. SEE DRAWINGS S1 THROUGH S4 FOR GEOMETRY.

NOTE 8: AESS DENOTES ARCHITECTURAL EXPOSED STEEL.

NOTE 9: TOS ELEVATION SHOWN ARE THE TYPICAL TOS ELEVATIONS.

NOTE 10: ANY VARIATIONS ARE NOTED ON FAMING PLANS.

NOTE 11: LINE 9.2 FOR GEOMETRY.

NOTE 12: LINE 9.2 FOR GEOMETRY.

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NOTE 175: LINE 9.2 FOR GEOMETRY.

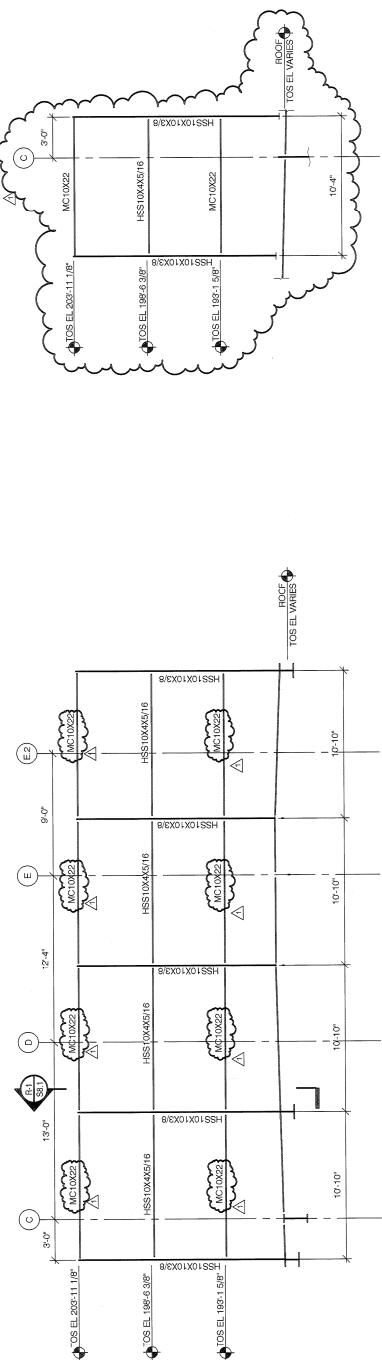
NOTE 176: LINE 9.2 FOR GEOMETRY.

NOTE 177: LINE 9.2 FOR GEOMETRY.

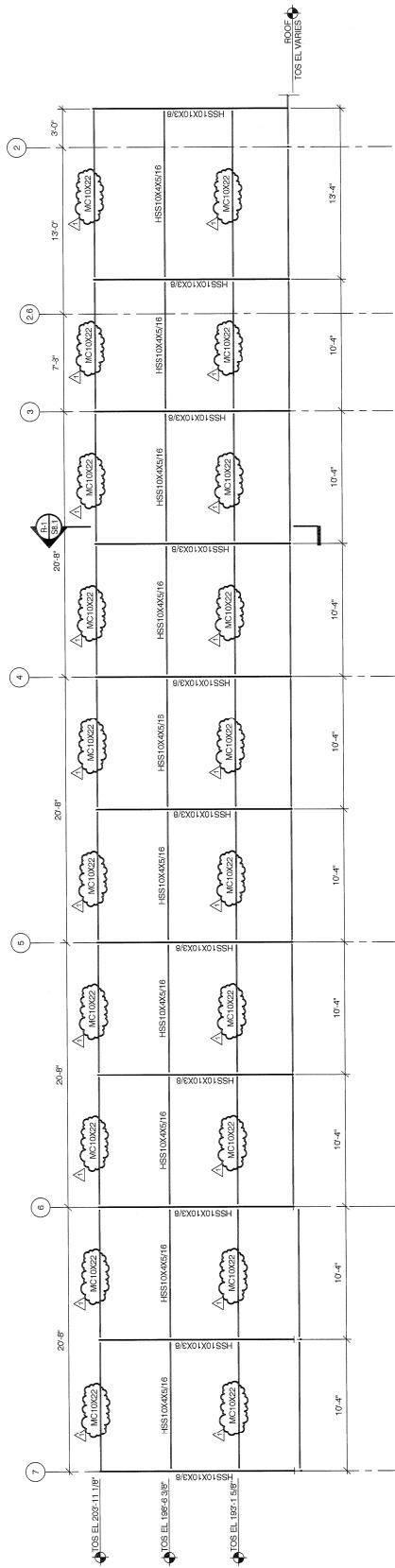
NOTE 178: LINE 9.2 FOR GEOMETRY.

NOTE 179: LINE 9.2 FOR GEOMETRY.

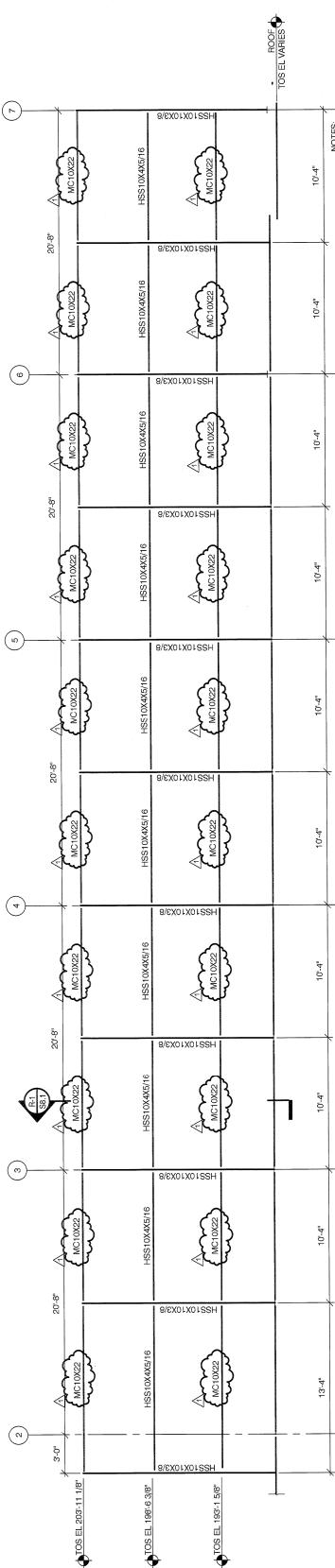
NOTE 180: LINE 9.2 FOR GEOMETRY.



SCREEN WALL - SOUTH



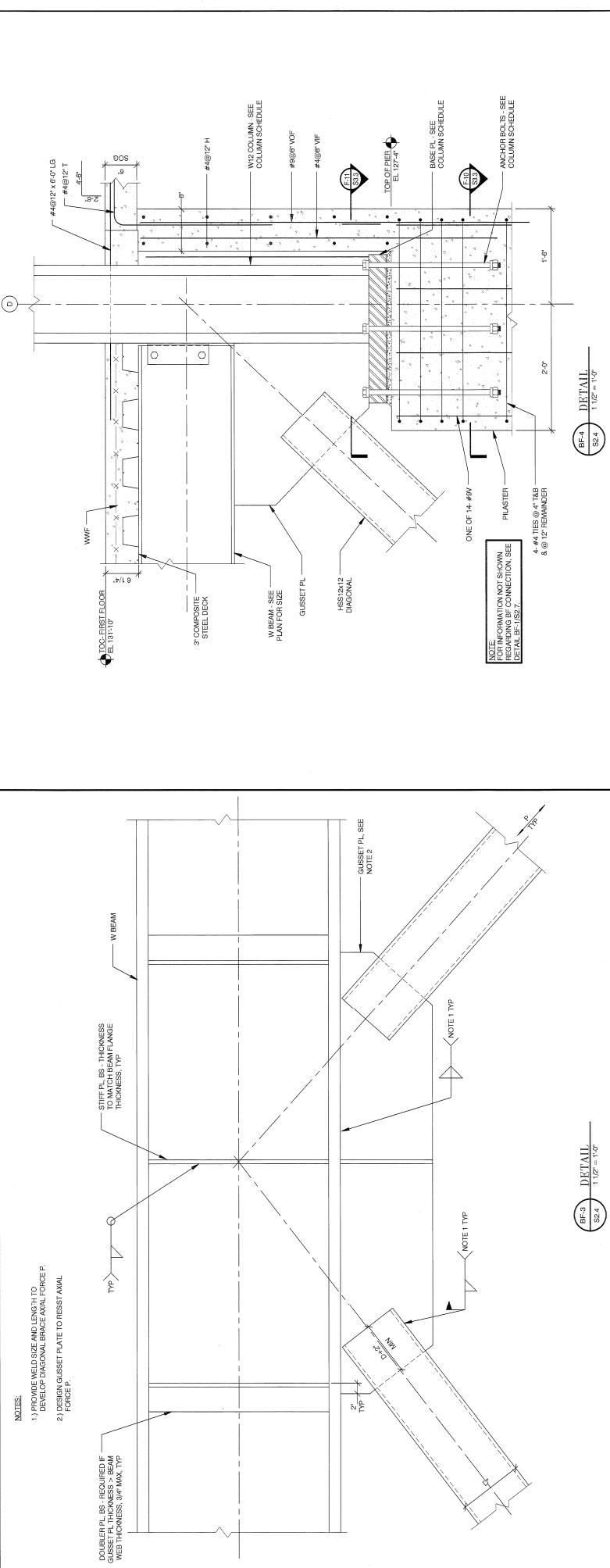
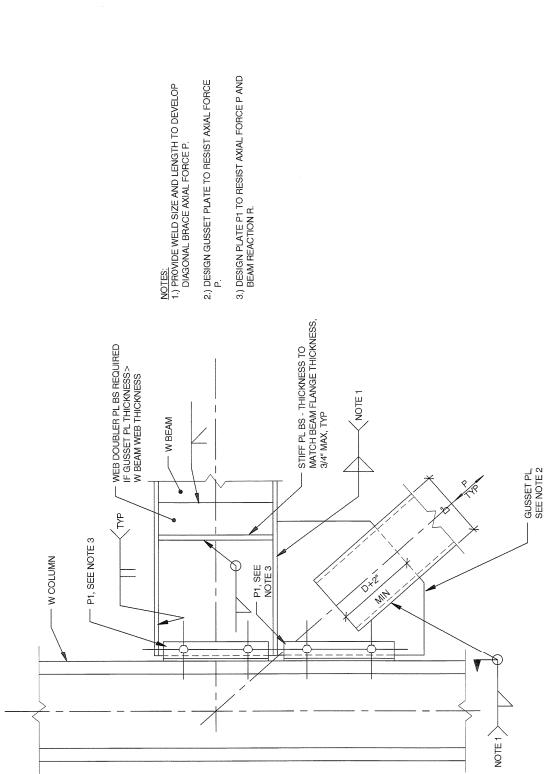
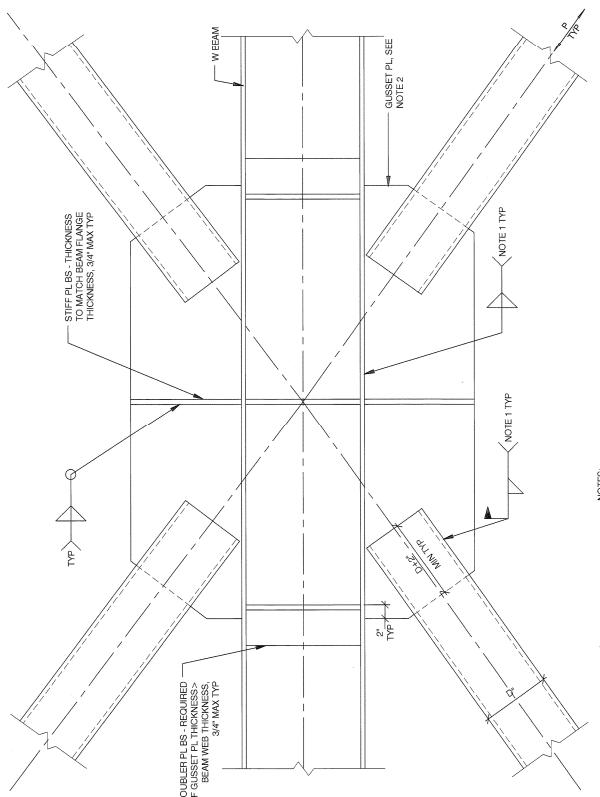
SCREEN WALL - EAST



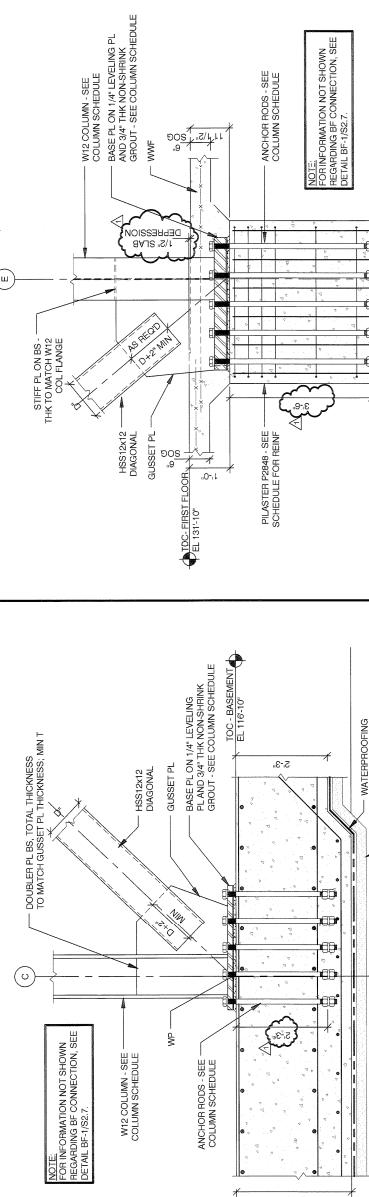
SCREEN WALL - WEST

1) FOR GENERAL NOTES AND ABBREVIATIONS SEE DRAWINGS S0.2 THROUGH S0.9.
S0.1.
2.) FOR TYPICAL DETAILS SEE DRAWINGS S0.2 THROUGH S0.9.
3.) ALL SCREEN WALL STEEL SHALL BE HOT DIPPED
GALVANIZED.
4.) ALL EARTHING BOLTS ARE TO BE GALVANIZED.
5.) ALL FIELD WELDS ARE TO BE GULCHED UP WITH ERW.

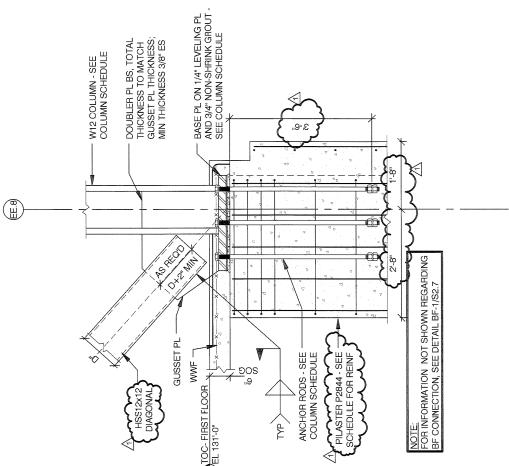
IMPORTANT:
THIS SHEET WAS PREVIOUSLY ISSUED AS
PART OF AN EARLIER PACKAGE. CLODED
CONTENTS INDICATE NEW OR REVISIONS
SINCE THE EARLIER PACKAGE WAS ISSUED.



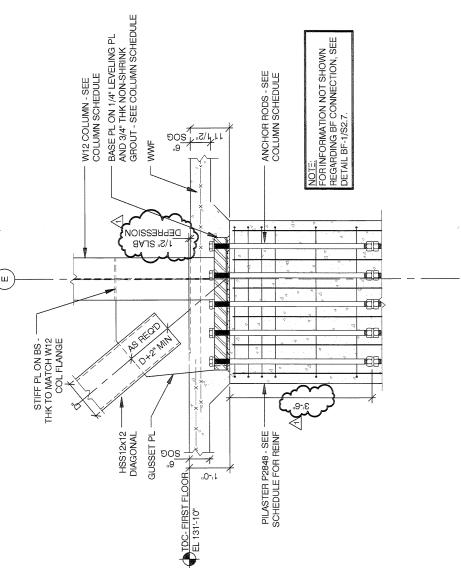
IMPORTANT
THIS SHEET WAS PREVIOUSLY ISSUED AS
PART OF AN EARLIER PACKAGE CLODED
CONTENTS ARE OUT OF DATE. THE LATEST
VERSIONS ARE ON THE PROJECT WEBSITE.
SINCE THE EARLIER PACKAGE WAS ISSUED



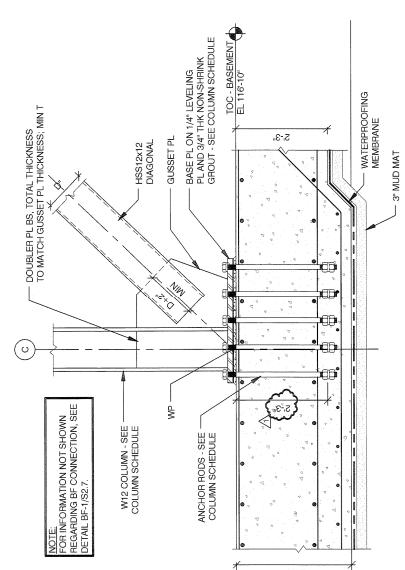
BF-5 DETAIL
S2.4 = 1'-0"



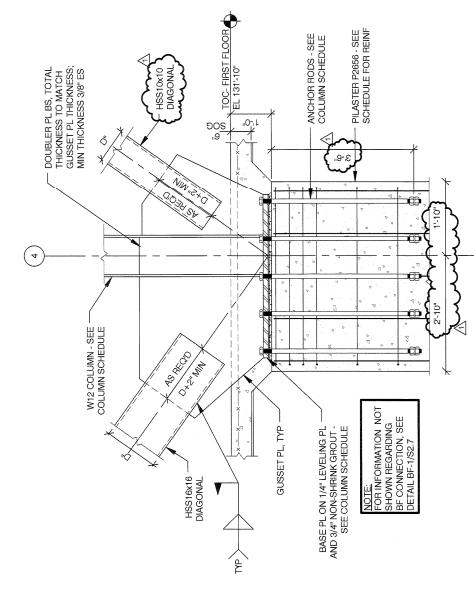
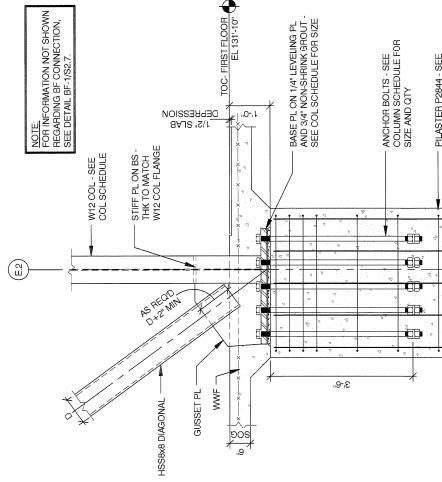
BF-6 DETAIL
S2.4 = 1'-0"



BF-7 DETAIL
S2.4 = 1'-0"



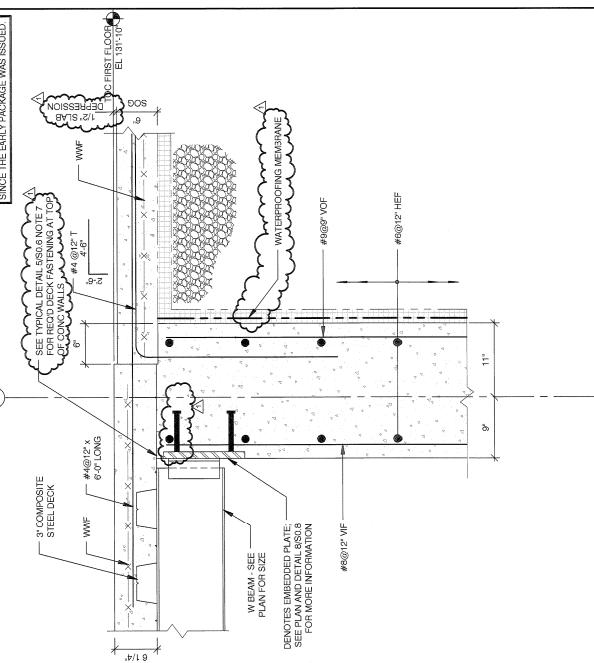
BF-8 DETAIL
S2.4 = 1'-0"



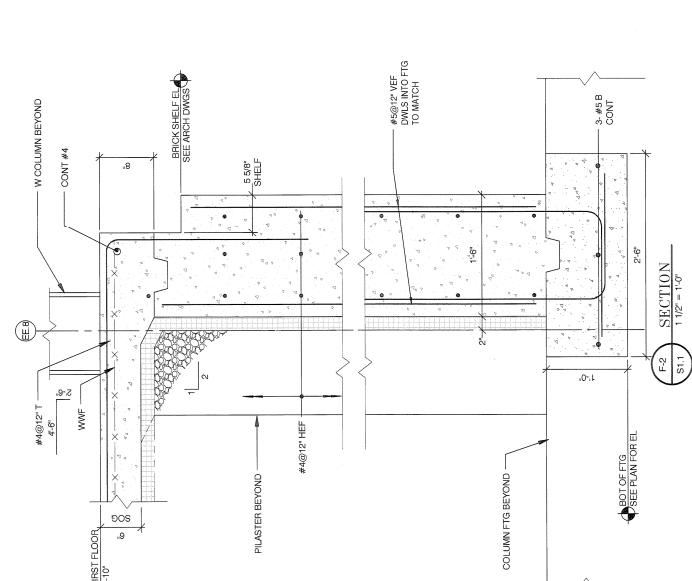
BF-10 DETAIL
S2.4 = 1'-0"



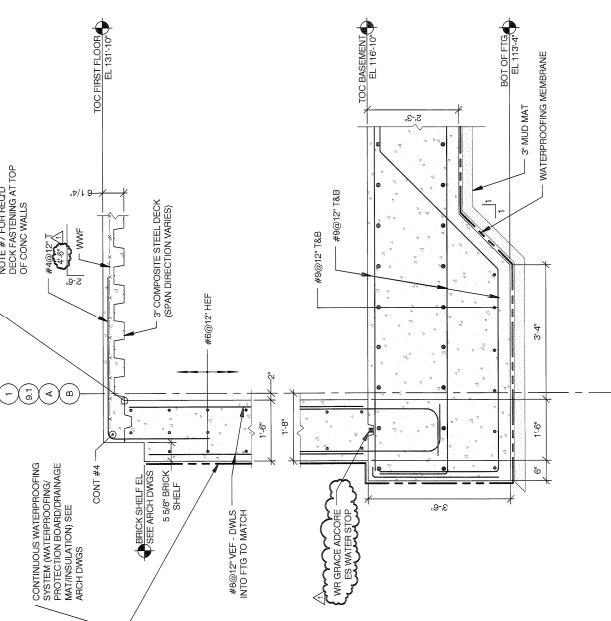
IMPORTANT
THIS SHEET WAS PREVIOUSLY ISSUED AS
PART OF AN EARLIER PACKAGE. CLOUDED
CONTENTS INDICATE NEW DRAWINGS
SINCE THE EARLIER PACKAGE WAS ISSUED



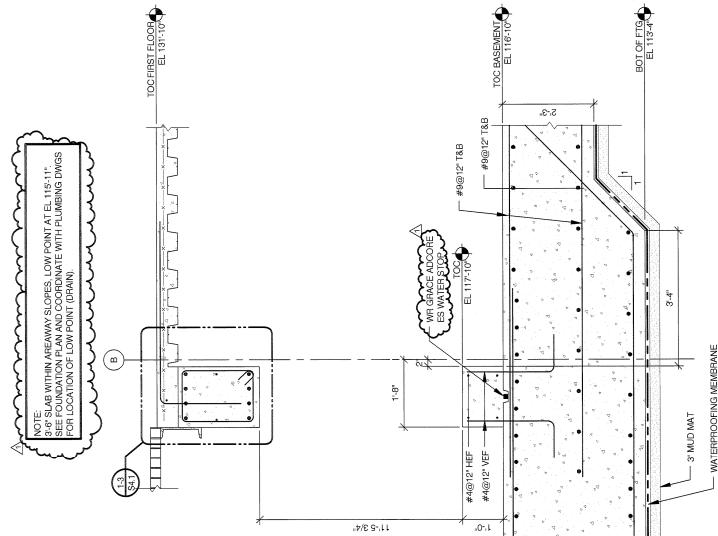
F-1 SECTION
S1.1, S1.0



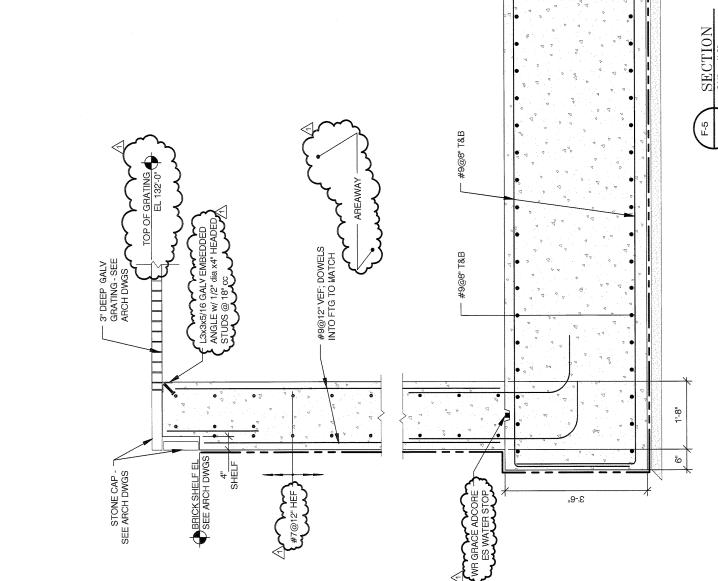
F-2 SECTION
S1.1



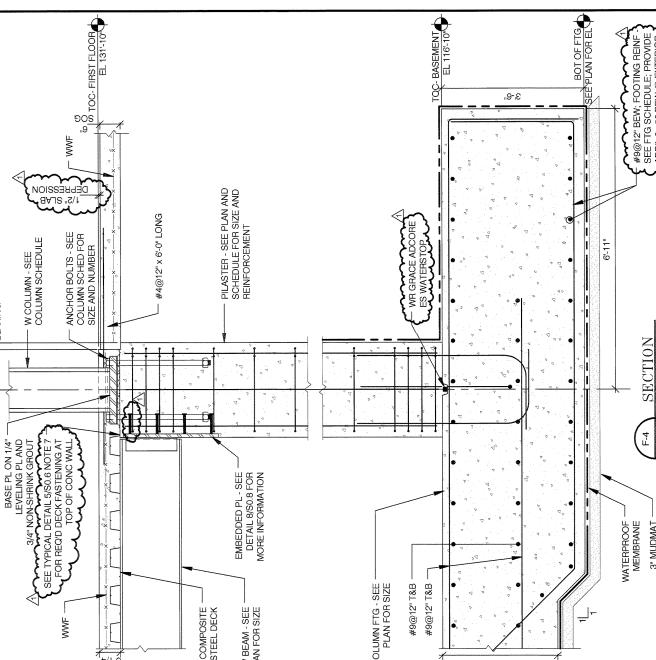
F-3 SECTION
S1.1 = 1/2" VOF



F-4 SECTION
S1.1 = 1/2" VOF



F-5 SECTION
S1.0 = 1/2"



F-6 SECTION
S1.0 = 1/2"