

DESIGN LOAD SCHEDULE	
(ALL LOADS SHOWN ARE IN POUNDS PER SQ. FT.)	
COMPONENT	AREA
SYSTEM	25
TOTAL DEAD LOAD	25
TOTAL LIVE LOAD	20
TOTAL LOAD	45

MASONRY WALL SCHEDULE		
MARK	THICKNESS	REINFORCING
MW-1	8" CMU	#6 @ 48" O.C.(CENTERED)
MW-2	8" CMU	#6 @ 8" O.C.(CENTERED)

- MASONRY WALL NOTES:**
- WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZED LATERAL REINFORCING @ 18" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL.
 - ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE 1 #6 VERTICAL IN CELL GROUTED SOLID, FULL HEIGHT.
 - ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH 3000 PSI GROUT MIX.

STEEL COLUMN SCHEDULE				
MARK	SIZE	BASE PL.	REINFORCING	REM
SC-1	HSS8x8x5/8	16x16x1-1/4	(4) 1-1/4" # F1554 GRADE 36	SEE NOTE 1
SC-2	HSS8x4x5/8	16x10x1-1/4	(4) 1-1/4" # F1554 GRADE 36	SEE NOTE 2

- NOTE:**
- PROVIDE 8-1/2x8-1/2x1/4 CAP PLATE WELD TO STEEL BEAM ABOVE.
 - PROVIDE 8-1/2x4-1/2x1/4 CAP PLATE ABOVE.

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F24.12	2'-0" X 12" X CONT.	(2) #5 CONT. BOTTOM
F70	7'-0" X 7'-0" X 16"	(8) #5 E.W. BOTTOM

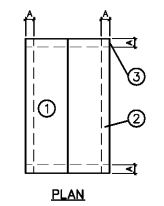
ROOF WIND PRESSURE (PSF)			
COMPONENTS AND CLADDING-EXP C-116 MPH(ASD) WIND SPEED			
EFFECTIVE WIND AREA (SQ. FT.)	ROOF AREA		
	1	2	3
10	+13.5/-33.4	+13.5/-56.1	+13.5/-84.4
20	+12.9/-32.5	+12.9/-50.1	+12.9/-69.9
50	+12.9/-31.5	+12.9/-42.2	+12.9/-50.7
100	+12.9/-30.6	+12.9/-36.2	+12.9/-36.2

DOOR & WINDOW WIND PRESSURE (PSF)		
COMPONENTS AND CLADDING-EXP C-116 MPH(ASD) WIND SPEED		
SIZE OF WALL OPENING (SQ. FT.)	WALL AREA	
	4	5
10	+33.4/-36.2	+33.4/-44.8
20	+31.9/-34.7	+31.9/-41.8
50	+29.9/-32.8	+29.9/-37.8
100	+28.4/-31.2	+28.4/-34.7

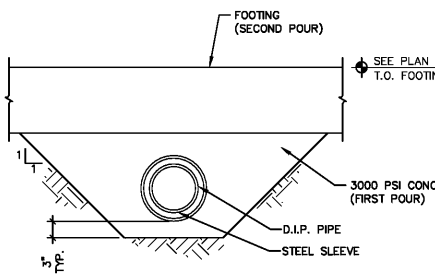
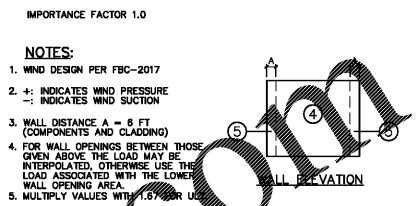
IMPORTANCE FACTOR 1.0

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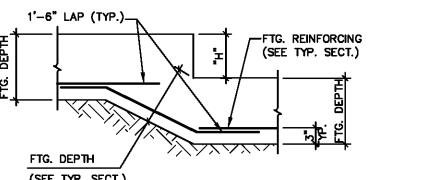
- NOTES:**
- WIND DESIGN PER FBC-2017
 - + : INDICATES WIND PRESSURE
- : INDICATES WIND SUCTION
 - ROOF DISTANCE A = 8 FT (COMPONENTS AND CLADDING)
 - FOR EFFECTIVE WIND AREAS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED. OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE WIND AREA.
 - MULTIPLY VALUES WITH 1.67 FOR ULT.



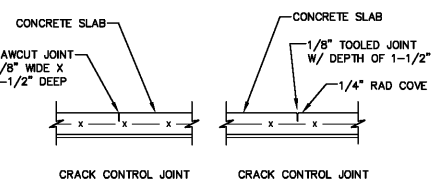
- NOTES:**
- WIND DESIGN PER FBC-2017
 - + : INDICATES WIND PRESSURE
- : INDICATES WIND SUCTION
 - WALL DISTANCE A = 8 FT (COMPONENTS AND CLADDING)
 - FOR WALL OPENINGS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED. OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER WALL OPENING AREA.
 - MULTIPLY VALUES WITH 1.67 FOR ULT.



TYP. PIPE UNDER FTG.

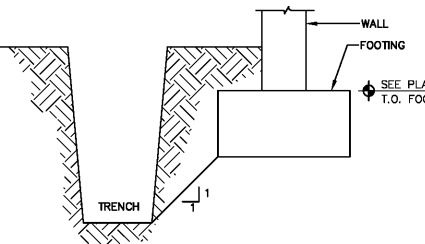


TYP. STEPPED FTG.

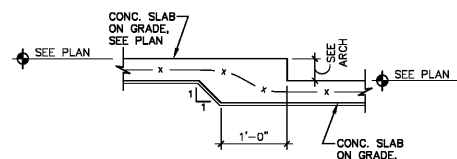


TYPICAL SLAB-ON-GRADE

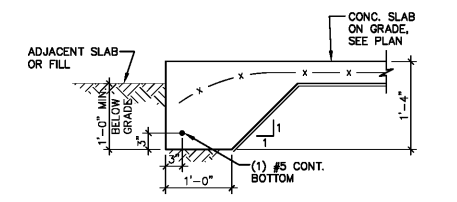
NOTE: CONTROL JOINTS/CONSTRUCTION JOINTS SHALL CREATE PANELS OF 400 SQ. FEET (MAXIMUM)



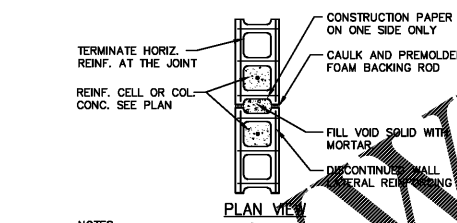
TYP. FTG. ADJACENT TO TRENCH



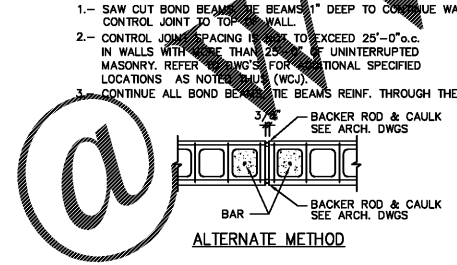
TYPICAL SLAB RECESS



THICKENED EDGE (T.E.)

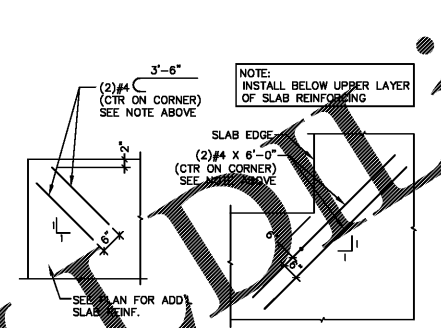


TYP. SLAB CORNER REINF.

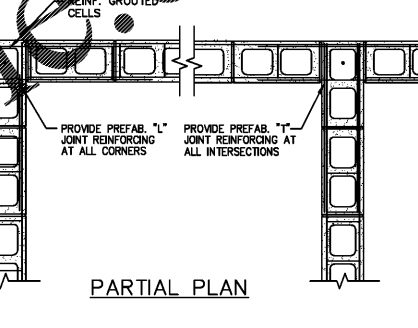


CMU WALL CONTROL JOINT (WCJ) DETAIL

NOTE: 1- SAW CUT BOND BEAMS 1" DEEP TO CONTINUE WALL CONTROL JOINT TO TOP OF WALL. 2- CONTROL JOINT SPACING IS NOT TO EXCEED 25'-0" O.C. IN WALLS WITH MORE THAN 25% OF UNINTERRUPTED MASONRY. REFER TO SCHEDULE FOR ADDITIONAL SPECIFIED LOCATIONS AS NOTED. (WCJ) 3- CONTINUE ALL BOND BEAM REINFORCING THROUGH THE JOINT.

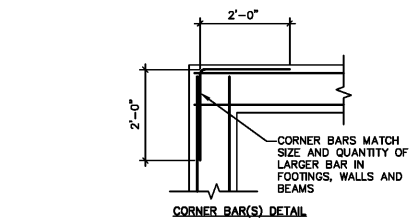


TYPICAL MASONRY FILLED CELL DETAIL

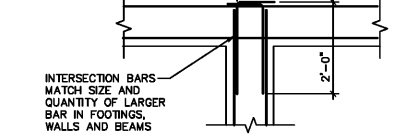


TYPICAL CMU WALL DETAILS

N.T.S.

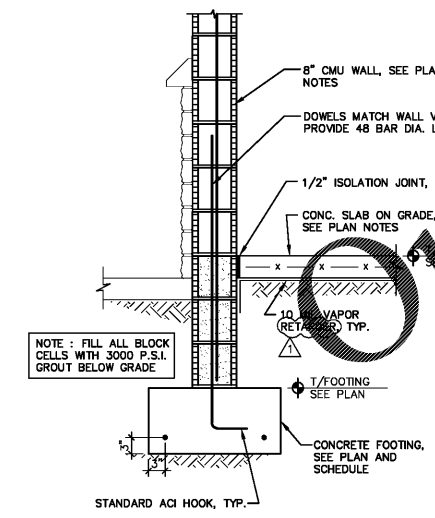


CORNER BAR(S) DETAIL



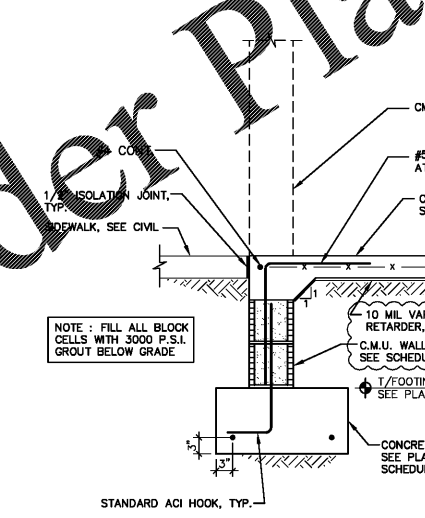
INTERSECTION BAR(S) DETAIL

TYPICAL BAR DETAILS



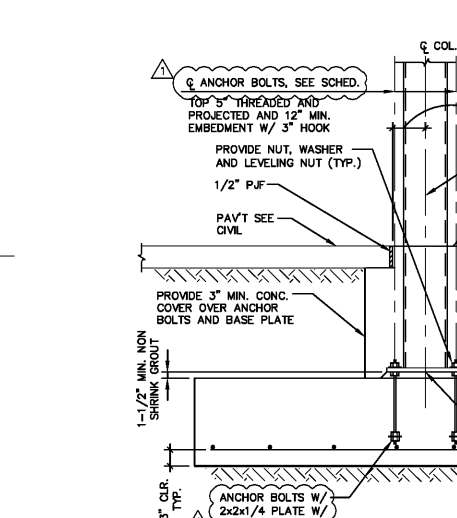
SECTION 1

3/4" = 1'-0" S3.1



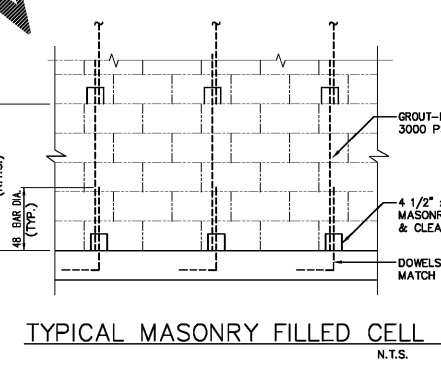
SECTION 2

3/4" = 1'-0" S3.1



SECTION 3

3/4" = 1'-0" S3.1

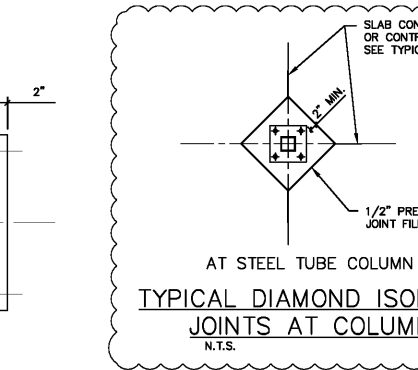


BASE PLATE DETAIL

* WELD SIZE EQUAL TO COL. WALL THICKNESS

SECTION A

1-1/2" = 1'-0" S3.1



TYPICAL DIAMOND ISOLATION JOINTS AT COLUMNS

N.T.S.

Order Plans