

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

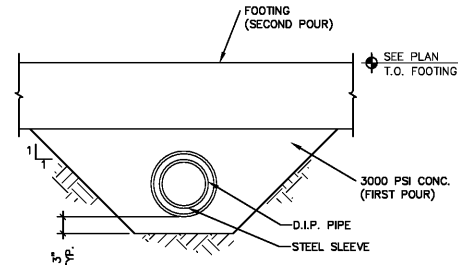
MASONRY WALL SCHEDULE		
MARK	THICKNESS	REINFORCING
MW-1	8" CMU	#6 @ 48" O.C.(CENTERED)

- MASONRY WALL NOTES:**
1. WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. GALVANIZED LATERAL REINFORCING @ 16" O.C. HORIZ. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL.
  2. ADJACENT TO ANY EXTERIOR/INTERIOR WALL OPENING, PLACE 1 #6 VERTICAL IN CELL GROUDED SOLID, FULL HEIGHT.
  3. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH 3000 PSI GROUT MIX.

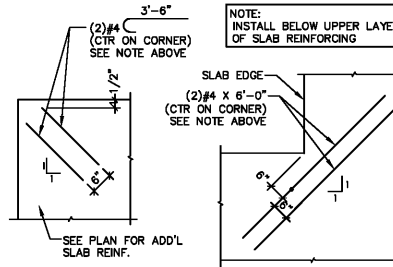
FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F24.12	2'-0" X 12" X CONT.	(2) #5 CONT. BOTTOM

EFFECTIVE WIND AREA (SQ. FT.)	ROOF WIND PRESSURE (PSF)		
	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/-89.9
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

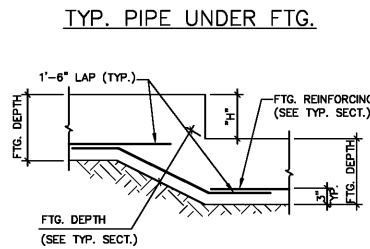
SIZE OF WALL OPENING (SQ. FT.)	DOOR & WINDOW WIND PRESSURE (PSF)	
	4	5
10	+33.4/-36.2	+33.4/-44.8
20	+31.9/-34.7	+31.9/-41.8
50	+29.9/-32.8	+29.9/-37.8
100	+28.4/-31.2	+28.4/-34.7



TYP. FTG. ADJACENT TO TRENCH



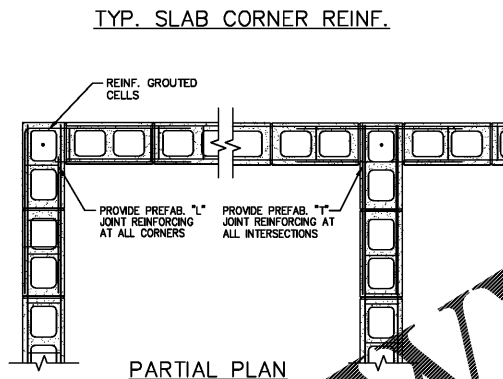
TYP. SLAB CORNER REINF.



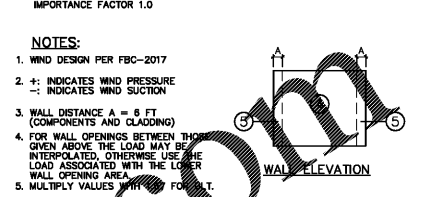
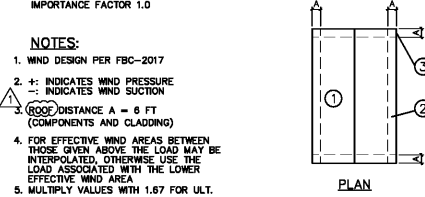
TYP. PIPE UNDER FTG.

- NOTES:**
1. WHERE HEIGHT OF MASONRY WALL SEGMENT EXCEEDS 12'-0", INTERMEDIATE BOND BEAM IS REQUIRED.
  2. BOND BEAM REINFORCEMENT MUST BE CONT. HOOK BARS INTO REINFORCED JAMB AT WALL OPENINGS.
  3. OMIT BOND BEAMS WHERE IT COINCIDES WITH OPENING HEADERS (LINTELS/BEAMS), REINFORCEMENT MUST BE CONTINUOUS AT SUCH LOCATIONS.

TYPICAL BOND BEAM DETAIL  
N.T.S.

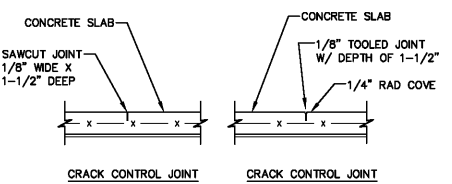


TYPICAL CMU WALL DETAILS  
N.T.S.



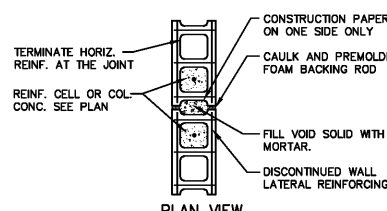
- NOTES:**
1. WIND DESIGN PER FBC-2017
  2. +: INDICATES WIND PRESSURE  
-: INDICATES WIND SUCTION
  3. GROSS DISTANCE A = 8 FT. (COMPONENTS AND CLADDING)
  4. FOR EFFECTIVE WIND AREAS BETWEEN THOSE GIVEN ABOVE THE LOAD MAY BE INTERPOLATED, OTHERWISE USE THE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE WIND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

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



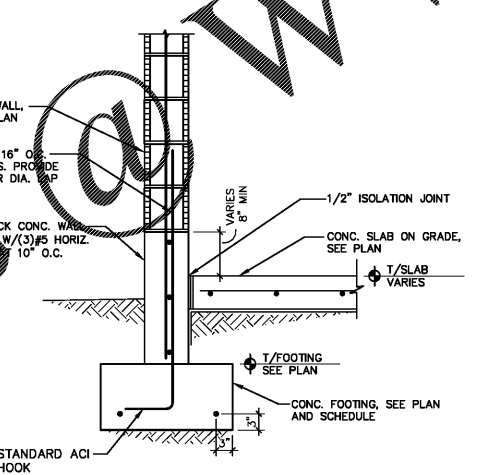
TYPICAL SLAB-ON-GRADE

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

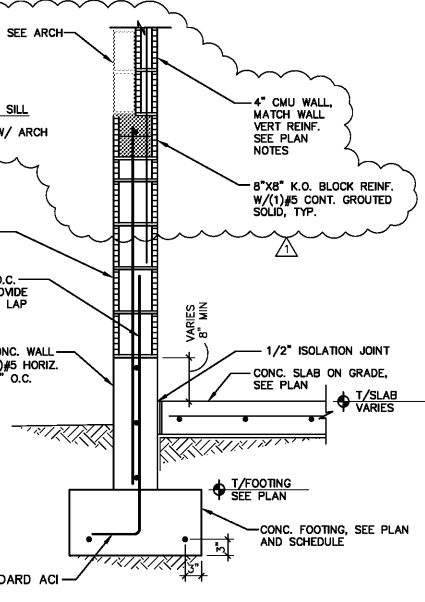


ALTERNATE METHOD  
CMU WALL CONTROL JOINT (WCJ) DETAIL  
N.T.S.

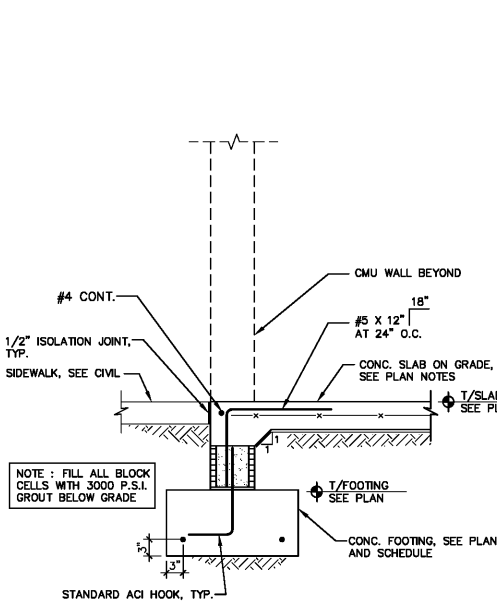
- NOTES:**
- 1.- SAW CUT BOND BEAMS, THE BEAMS 1" DEEP TO CONTINUE WALL CONTROL JOINT TO TOP OF WALL.
  - 2.- CONTROL JOINT SPACING IS NOT TO EXCEED 25'-0" O.C. IN WALLS WITH MORE THAN 25'-0" OF UNINTERRUPTED MASONRY. REFER TO DWG'S. FOR ADDITIONAL SPECIFIC LOCATIONS AS NOTED THUS (WCJ).
  - 3.- CONTINUE ALL BOND BEAMS, TIE BEAMS TO JOINT THROUGH THE JOINT.



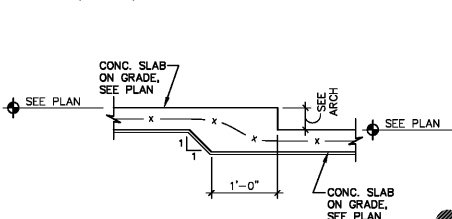
SECTION 3  
3/4"=1'-0"



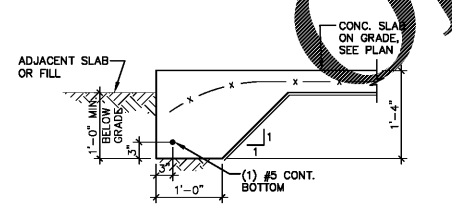
SECTION 4  
3/4"=1'-0"



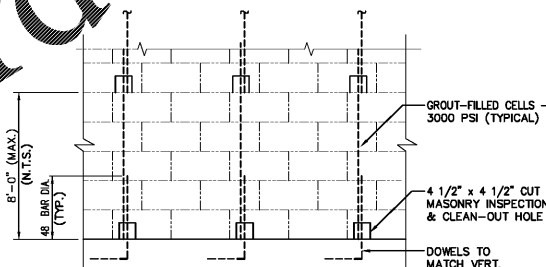
SECTION 5  
3/4"=1'-0"



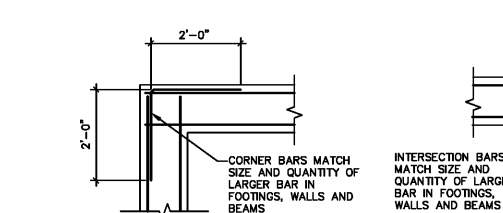
TYPICAL SLAB RECESS



THICKENED EDGE (T.E.)



TYPICAL MASONRY FILLED CELL DETAIL  
N.T.S.



TYPICAL BAR DETAILS



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