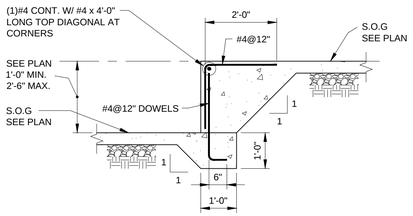
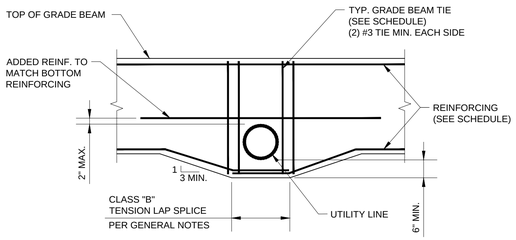
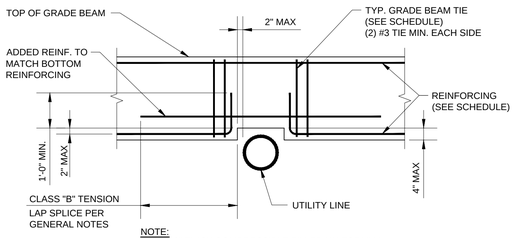


TYPICAL SLAB DEPRESSION (U.O.N IN SECTIONS/DETAILS)



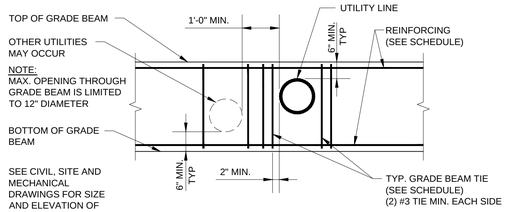
NOTE:
PLACE 2" THICK COMPRESSIBLE FILLER UNIFORMLY AROUND PIPE FULL WIDTH OF GRADE BEAM.

CONDITION 1



NOTE:
PLACE 2" THICK COMPRESSIBLE FILLER UNIFORMLY AROUND PIPE FULL WIDTH OF GRADE BEAM.

CONDITION 2

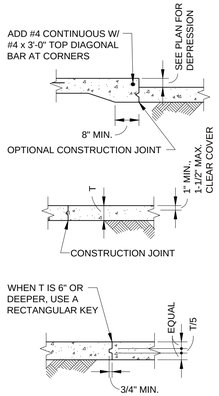


NOTE:
IN LIEU OF SLEEVE, WHEN DIRECT PIPE PENETRATION IS REQUIRED, PROVIDE 2" COMPRESSIBLE FILLER UNIFORMLY PLACED AROUND PIPE.

CONDITION 3

NOTE:
1. IF LINE IS COMPLETELY BELOW GRADE BEAM. PROVIDE A MINIMUM OF 2" COMPRESSIBLE FILLER ALL AROUND LINE IN THE AREA WHERE THE LINE CROSSES THE GRADE BEAM.
2. CONDITIONS 1 AND 2 SHOULD BE AVOIDED AS MUCH AS POSSIBLE. WHERE POSSIBLE, RAISE PIPE TO MEET CONDITION 3 OR LOWER PIPE TO COMPLETELY AVOID PENETRATING GRADE BEAM.

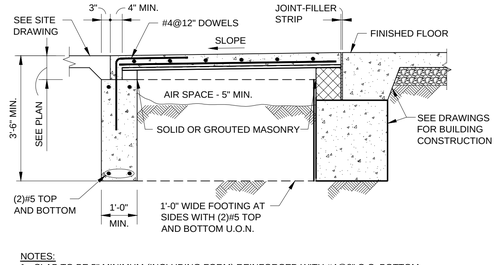
GRADE BEAM REINFORCING DETAIL FOR PENETRATIONS



NOTES:
1. CONTRACTION JOINTS SHALL BE INSTALLED IN SLABS ON GROUND AT A MAXIMUM SPACING IN FEET OF 3 TIMES THE SLAB THICKNESS IN INCHES IN EACH DIRECTION (15'-0" MAXIMUM) BY EITHER OF THE METHODS SHOWN. MAXIMUM LENGTH OF ANY SLAB ON GROUND POUR TO BE 50'-0" BETWEEN CONSTRUCTION JOINTS. THIS SPACING OF JOINTS SHALL APPLY UNLESS SPECIFICALLY SHOWN OTHERWISE ON DRAWINGS.
2. REINFORCING TO BE DISCONTINUOUS THROUGH CONSTRUCTION JOINTS.

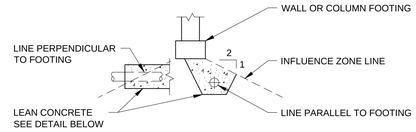
CONSTRUCTION JOINT — SAWED CONTRACTION JOINT

SLAB ON GROUND JOINTS

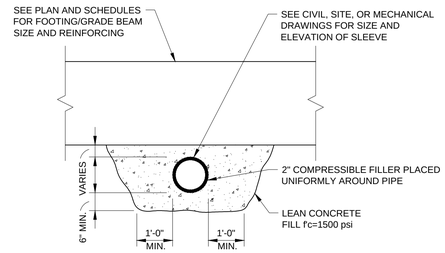


NOTES:
1. SLAB TO BE 5" MINIMUM (INCLUDING FORM) REINFORCED WITH #4@8" O.C. BOTTOM AND #4@12" O.C. TEMPERATURE. FORM TO BE CORRUGATED GALVANIZED STEEL FORM DECK (GAUGE AS REQUIRED TO SUPPORT WET WEIGHT OF CONCRETE PLUS CONSTRUCTION LOADS. MAXIMUM DEFLECTION OF DECK TO BE 1/240 OF THE SPAN.).
2. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, SLOPE AND DEPRESSION OF SLAB.

FROST FREE SLAB DETAIL

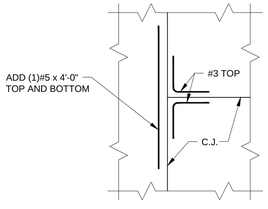


INFLUENCE ZONE

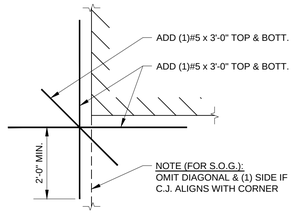


NOTE: PROVIDE CONCRETE PROTECTION AROUND UTILITY LINE WHEN LINE IS WITHIN FOOTING INFLUENCE ZONE. SEE DETAIL ABOVE FOR INFLUENCE ZONE DEFINITION

FOOTING/GRADE BEAM DETAIL WITH UTILITY LINES BELOW

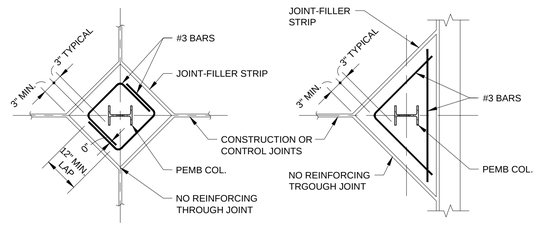


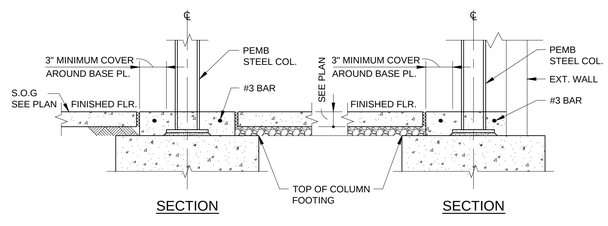
AT DISCONTINUOUS JOINTS



S.O.G. AT INSIDE CORNERS

SLAB REINFORCING DETAILS
(RE-ENTRANT CORNERS)

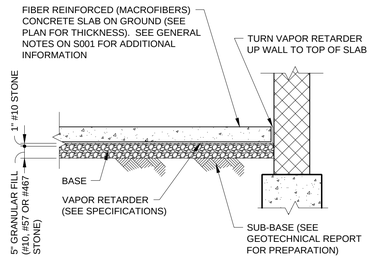




TYPICAL INTERIOR COLUMN — TYPICAL EXTERIOR COLUMN

SLAB ON GROUND - ISOLATION JOINTS WITH PEMB STEEL COLUMNS

NOTE:
SEE TYPICAL SLAB ON GROUND JOINT DETAILS, SLAB REINFORCING DETAILS, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS



SLAB ON GROUND DETAIL

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TYPICAL DETAILS

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