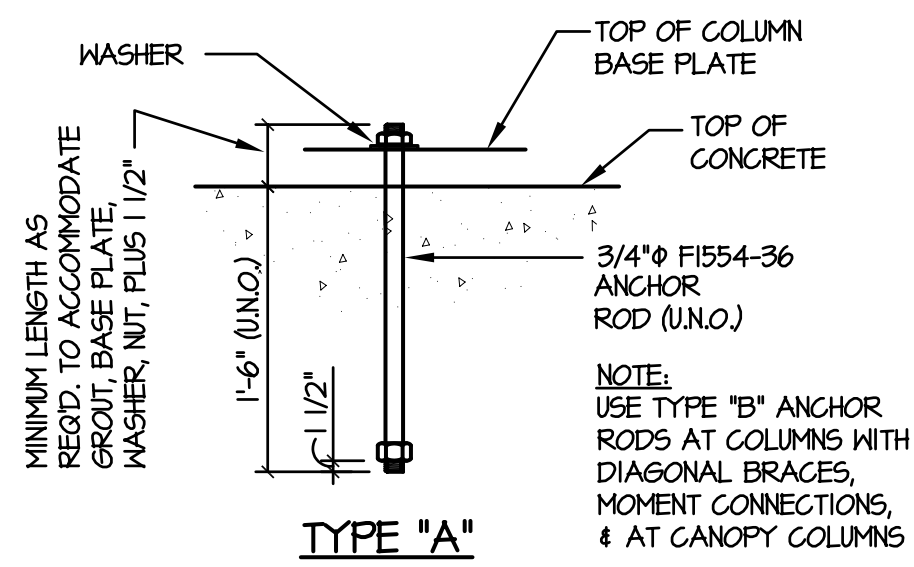


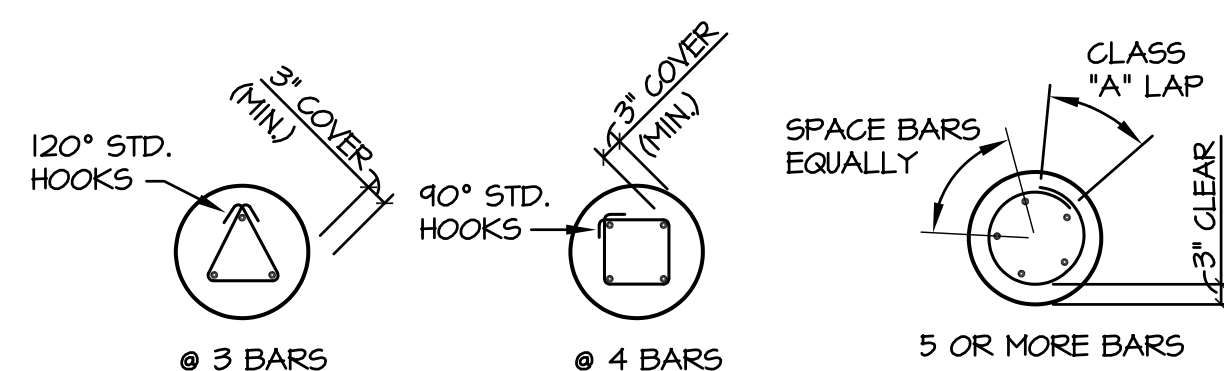
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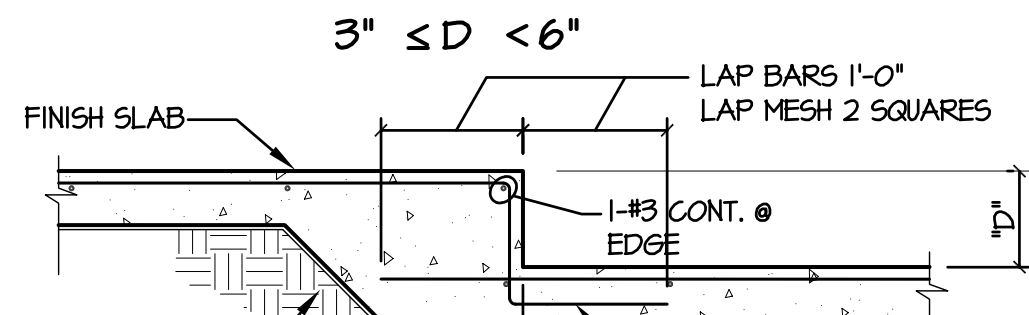
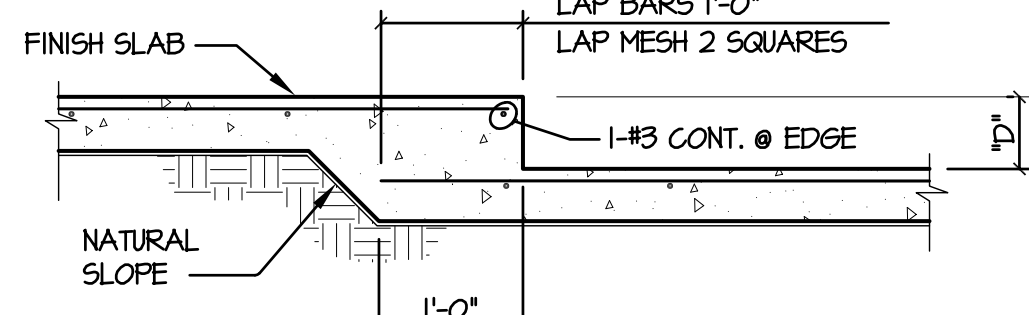
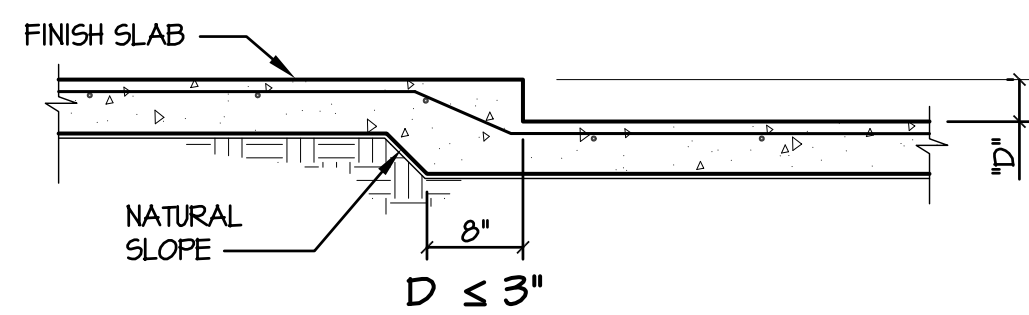
TYPICAL DETAIL
ANCHOR ROD

11 FOUNDATION DETAIL
SCALE: NO SCALE

DRILLED PIER VERTICAL REINFORCEMENT SCHEDULE		
SHAFT DIAMETER (INCHES)	VERTICAL REINFORCEMENT	TIES (USE #3 @ 12\"/>
12	3 - #5	
14, 16	4 - #5	
18, 20	4 - #6	
22, 24, 26	5 - #7	
28, 30	5 - #8	
36	5 - #9	
42	7 - #9	

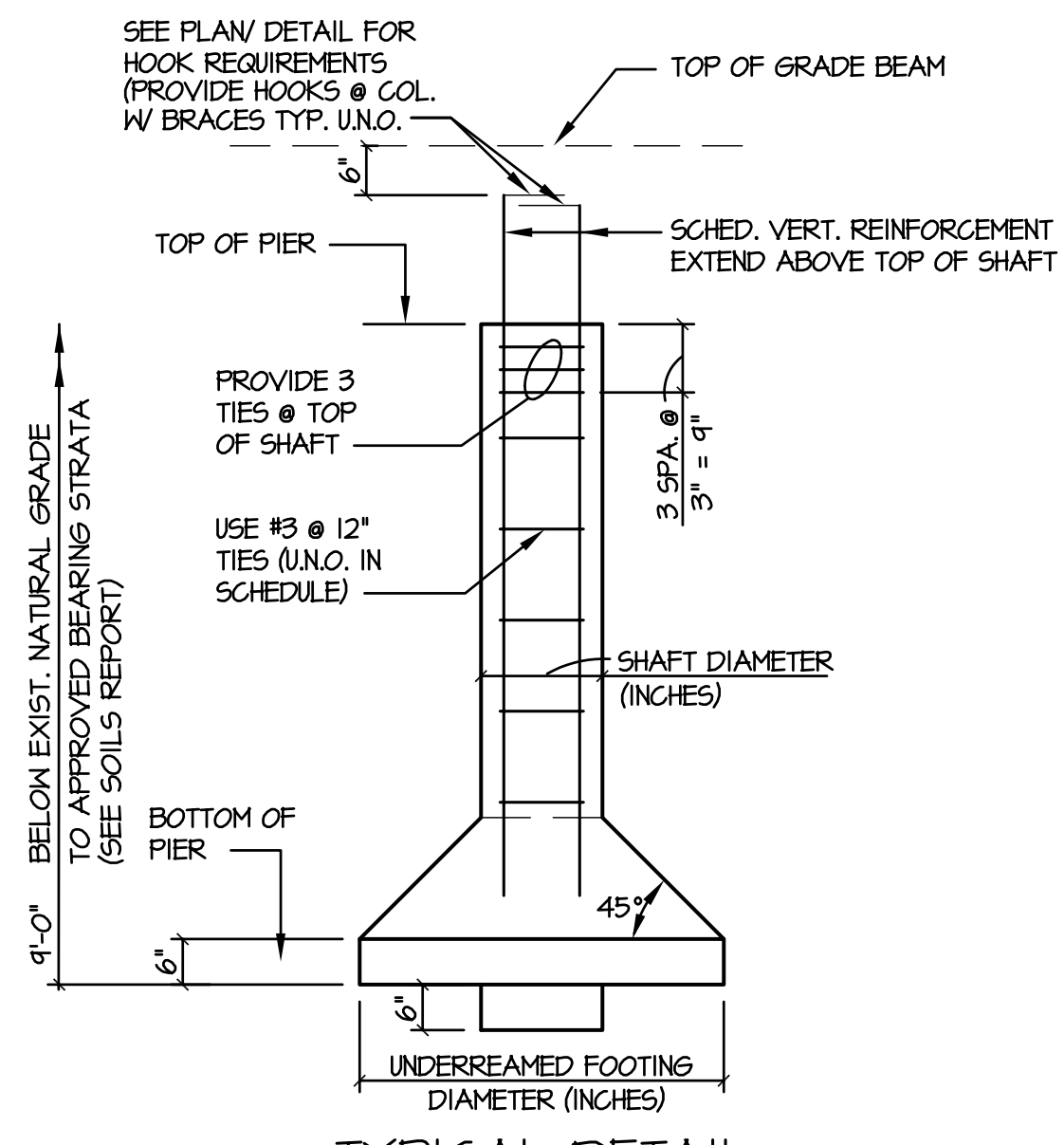


SHAFT BAR PLACEMENT PLANS
10 FOUNDATION DETAIL
SCALE: NO SCALE

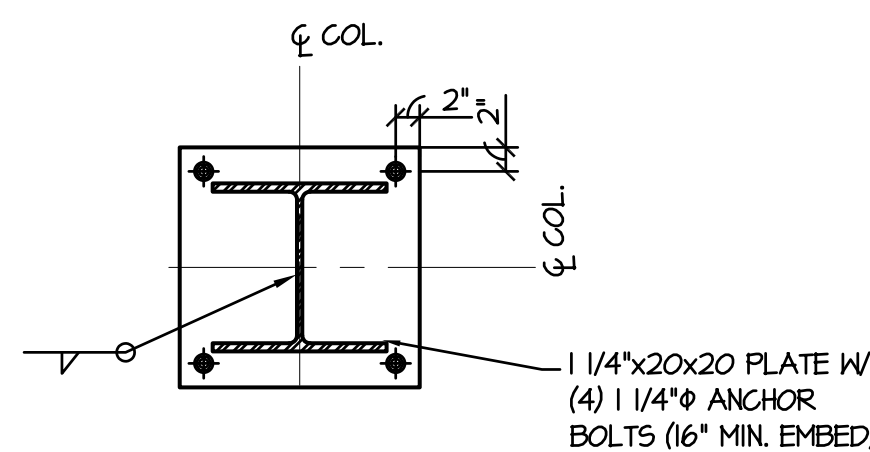


- NOTES:
1. Coordinate depth & locations of all floor depressions with architectural drawings.
2. Provide 1-#4 x 4'-0\"/>

TYPICAL DETAIL
AT FLOOR DEPRESSIONS
9 FOUNDATION DETAIL
SCALE: NO SCALE

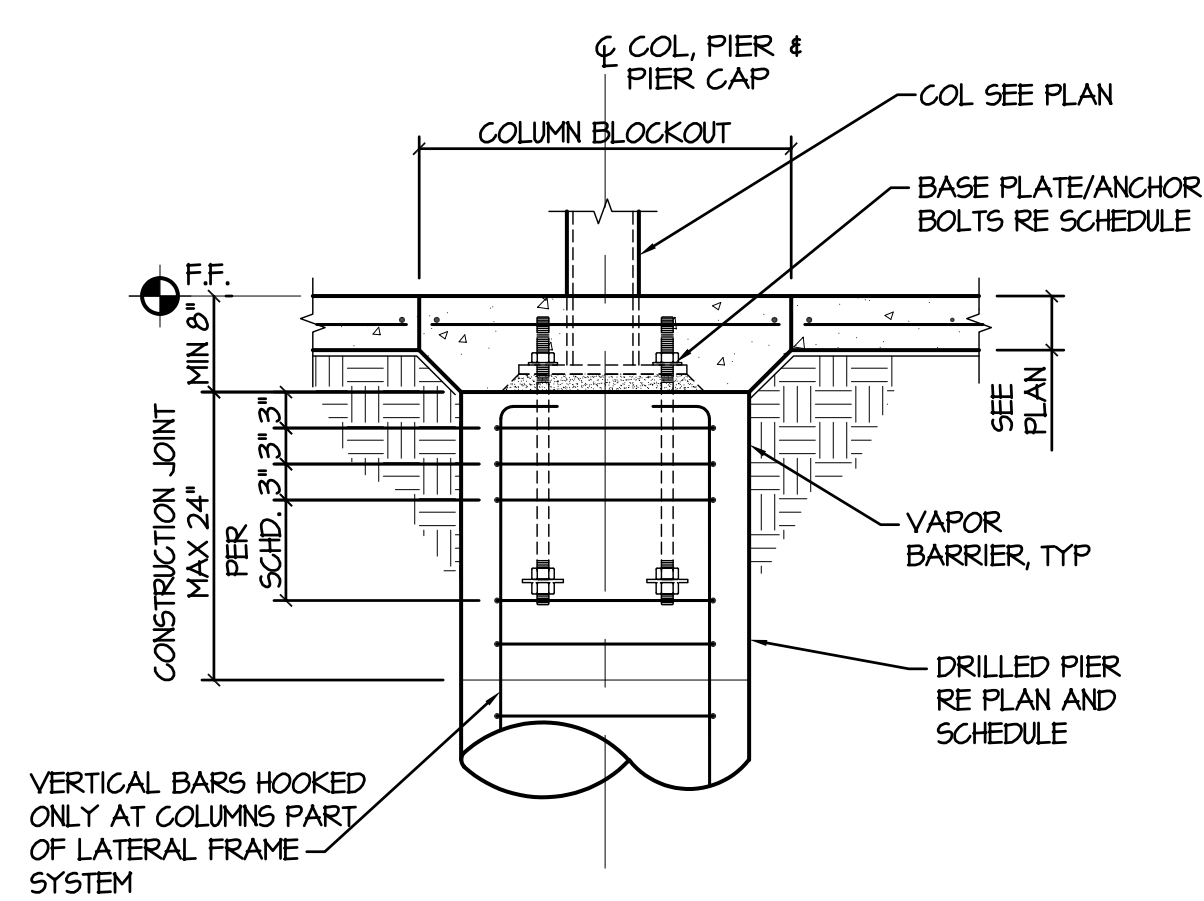


TYPICAL DETAIL
DRILLED PIER
8 FOUNDATION DETAIL
SCALE: NO SCALE

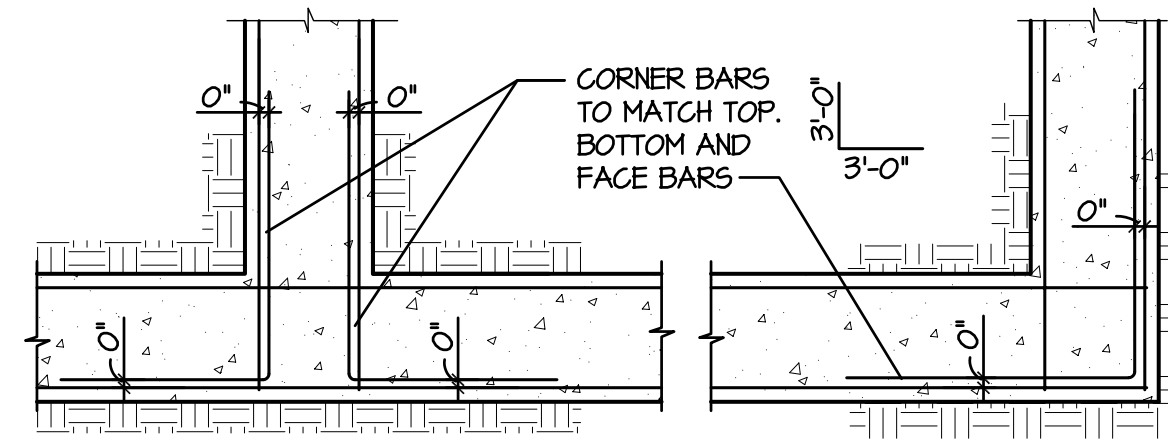


BASE PLATE = TYP BP3 FOR ALL COLUMNS (FOR PRICING)

7 FOUNDATION DETAIL
SCALE: NO SCALE



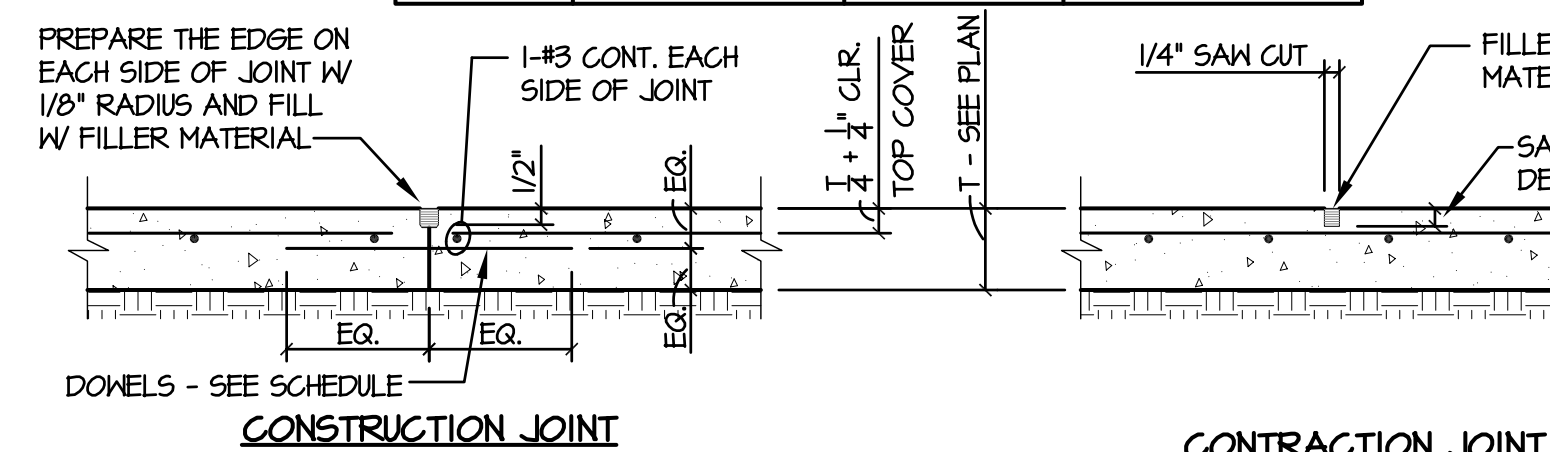
TYPICAL DETAIL
INTERIOR COLUMN WITH PIER CAP
6 FOUNDATION DETAIL
SCALE: NO SCALE



PLAN VIEW GRADE BEAM "T" INTERSECTION
PLAN VIEW GRADE BEAM CORNER

TYPICAL DETAIL
GRADE BEAM REINF. STEEL
CORNER BARS
5 FOUNDATION DETAIL
SCALE: NO SCALE

DOWEL SCHEDULE			
SLAB DEPTH (IN)	DOWEL DIAMETER (IN)	TOTAL DOWEL LENGTH (IN)	DOWEL SPACING CENTER TO CENTER (IN)
5-6	3/4	16	12
7-8	1	18	12
9-11	1 1/4	18	12

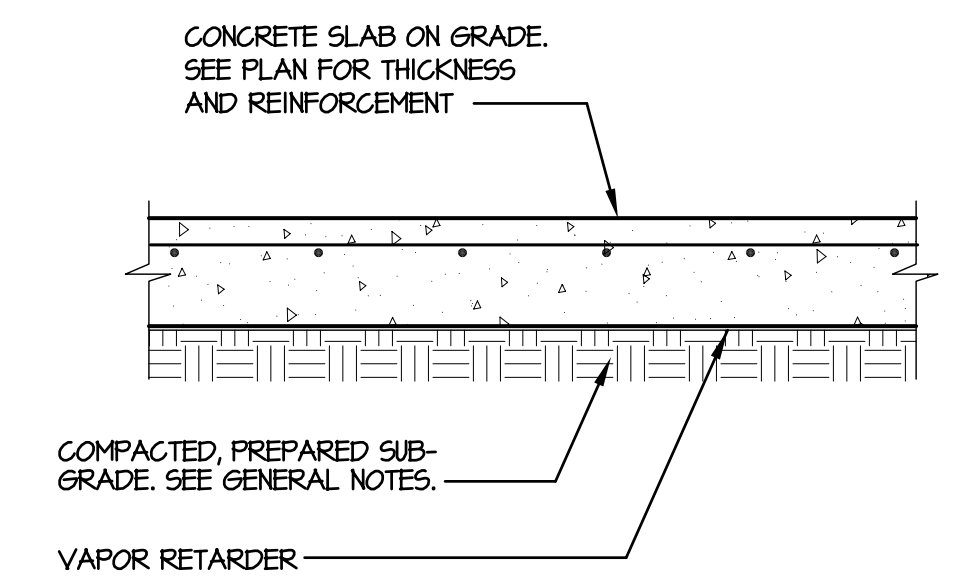
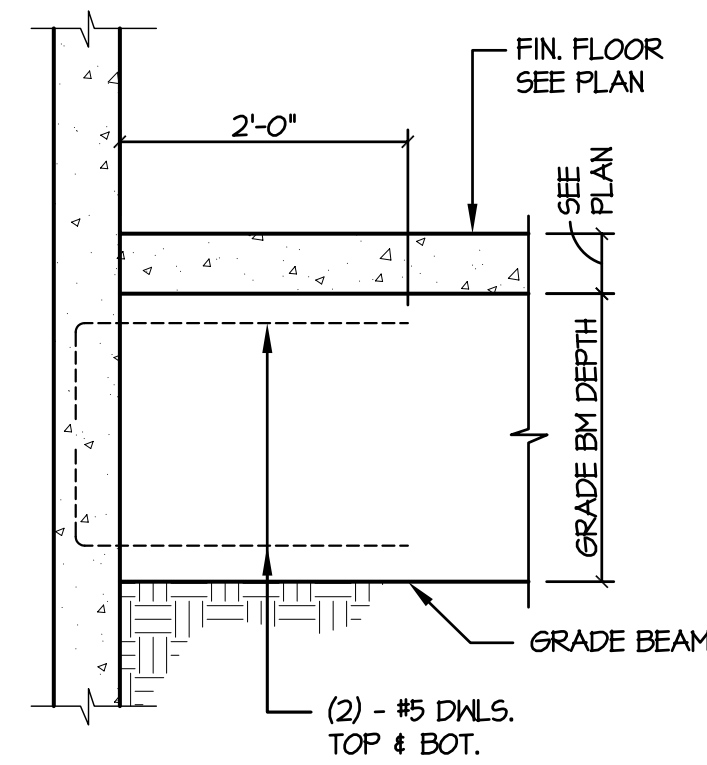


CONSTRUCTION JOINT
CONTRACTION JOINT

- CONSTRUCTION JOINT NOTES:
1. Slab reinforcement shall be chained by soil supported slab bolsters.
2. Break bond between new and previously placed slab by spraying or painting exposed side with form oil.
3. Subgrade shall be free of standing water at the time of concrete placement.
4. All dowels in this detail shall be smooth bar dowels.
5. Cont. dowel perimeter, one side of construction joint w/ bearing grease.
- JOINT SPACING NOTE:
1. Provide contraction and/or construction joints at every column centerline and at a maximum spacing of 36 times the slab thickness, not to exceed 18 feet, u.n.o.

TYPICAL DETAIL
CONSTRUCTION AND CONTRACTION JOINTS
SLAB ON GRADE

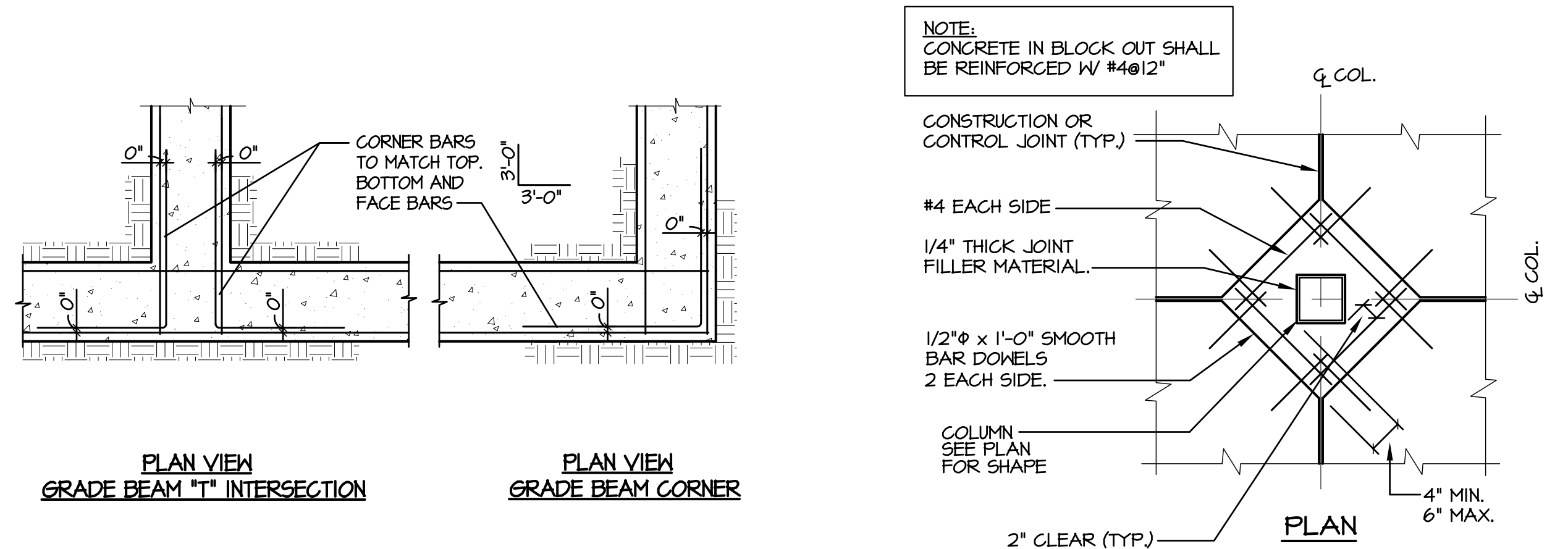
2 FOUNDATION DETAIL
SCALE: NO SCALE



- NOTES:
1. Unless specified elsewhere, vapor retarder shall be a minimum of 15 mils thick (unless thicker specified in specs/arch. drawings) meeting or exceeding ASTM E-1745, class A, and have no more than 0.01 perms when tested in accordance with ASTM E-46.

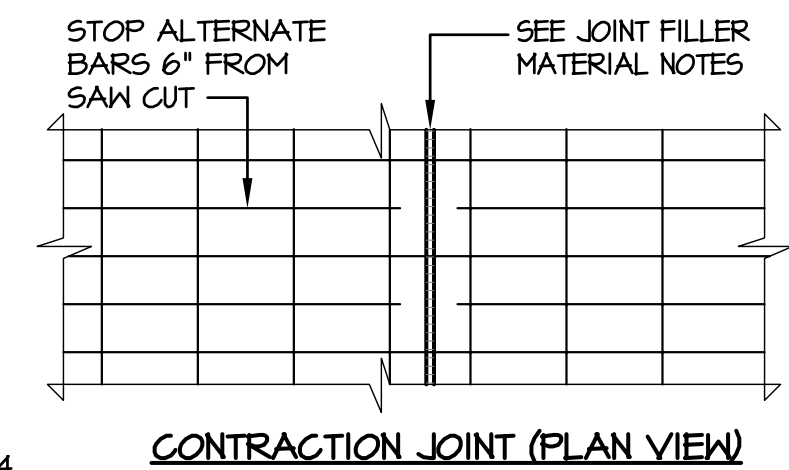
TYPICAL DETAIL
GRADE BEAM TO PANEL CONNECTION
4 FOUNDATION DETAIL
SCALE: NO SCALE

TYPICAL DETAIL
SLAB-ON-GRADE CONSTRUCTION
SUBGRADE PREPARATION
1 FOUNDATION DETAIL
SCALE: NO SCALE



- NOTES:
1. General contractor to coordinate required size of block out for columns. Submit the desired block out size to architect for approval.
2. Provide 3\"/>

TYPICAL DETAIL
BLOCK-OUT AROUND COLUMN
(SLAB-ON-GRADE)
3 FOUNDATION DETAIL
SCALE: NO SCALE

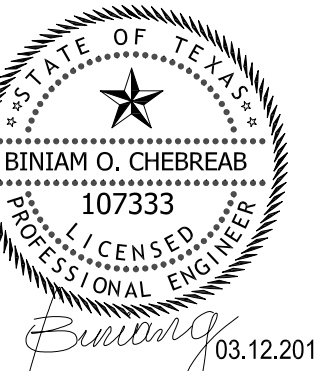


- SAW CONTRACTION JOINT NOTES:
1. Make saw cut as soon as slab is able to support weight of workers and sawing equipment without damage to finish surface of slab.
2. All joints shall be continuous. Do not offset or stagger joints.
3. Clean joint prior to filling the joint.

- JOINT FILLER MATERIAL NOTES:
1. Filler material used shall be epoxy resins with a minimum shore "A" hardness of 80 and shall conform to ASTM D2240. Joint filler shall be approved by engineer prior to application. Install joint filler per manufacturer's specifications.
2. Where possible, filler material shall be applied when building is under permanent temperature control. This shall be either at the end of construction of the complete building shell, or a minimum of 90 days after slab construction.
3. All exposed slab joints shall be filled with filler material.

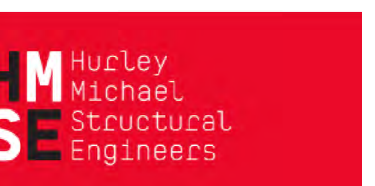


GOULAS + ASSOCIATES
ARCHITECTS / PLANNERS
TBPE Firm Registration No. F-18127



Project Information:

Consultants:



SHOPS ON GOSLING
RETAIL CENTER
SHELL BUILDING DEVELOPMENT
24909 GOSLING ROAD
SPRING, TEXAS 77389

Sheet Title:

FOUNDATION
TYPICAL DETAILS

Issue:

CD/PERMIT

Issue Date:

12 MARCH 2019

Revision Date:

Sheet:

S3.0