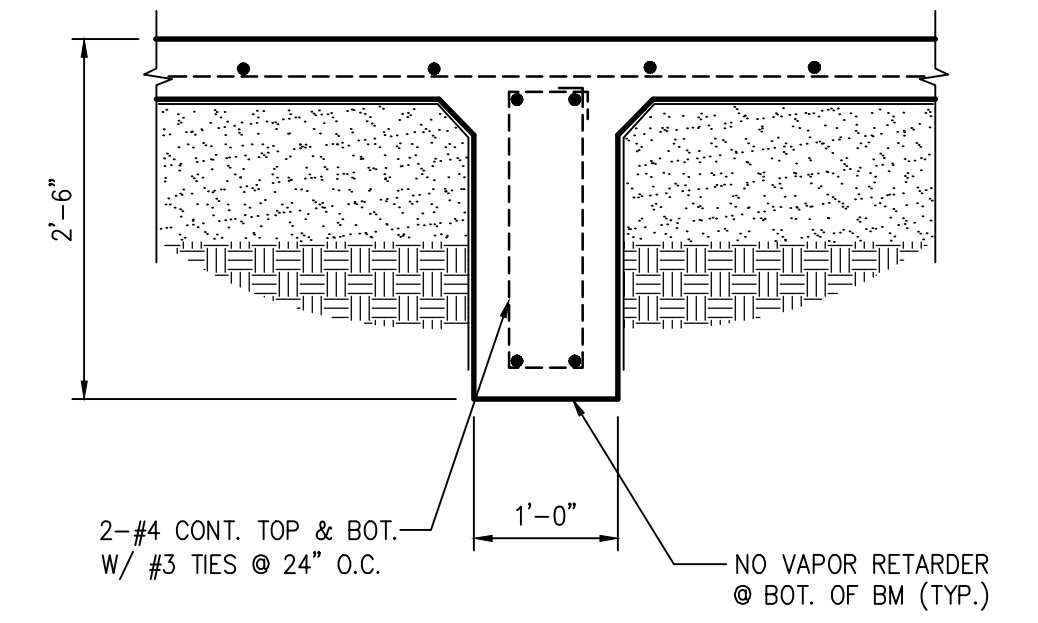
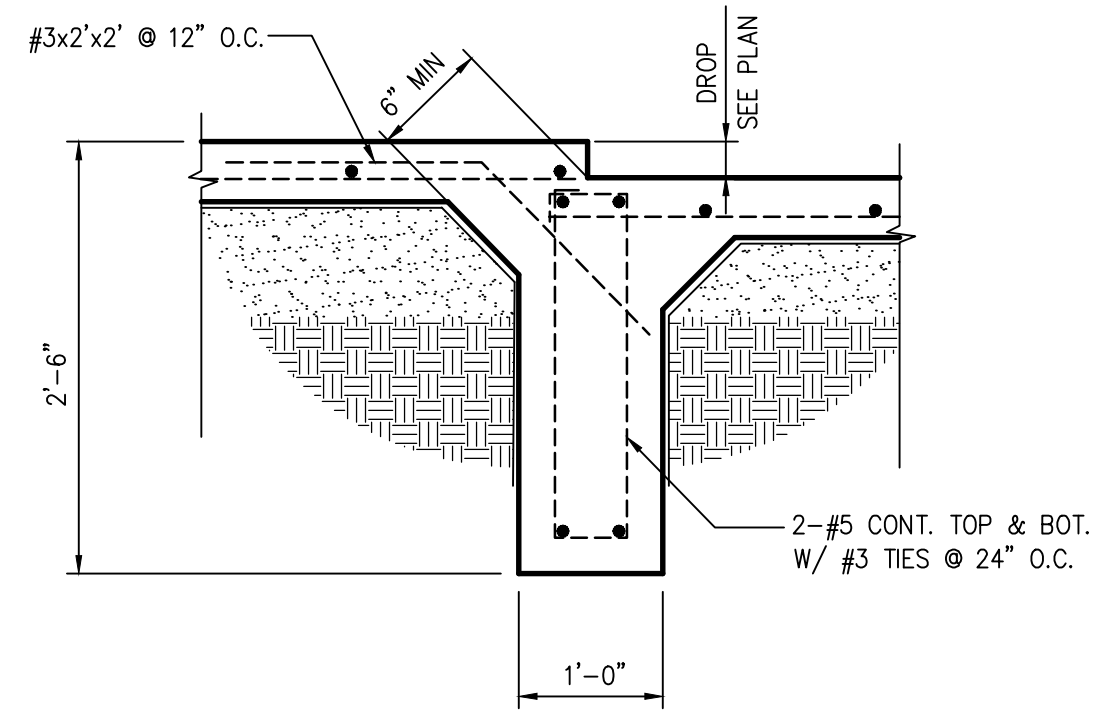


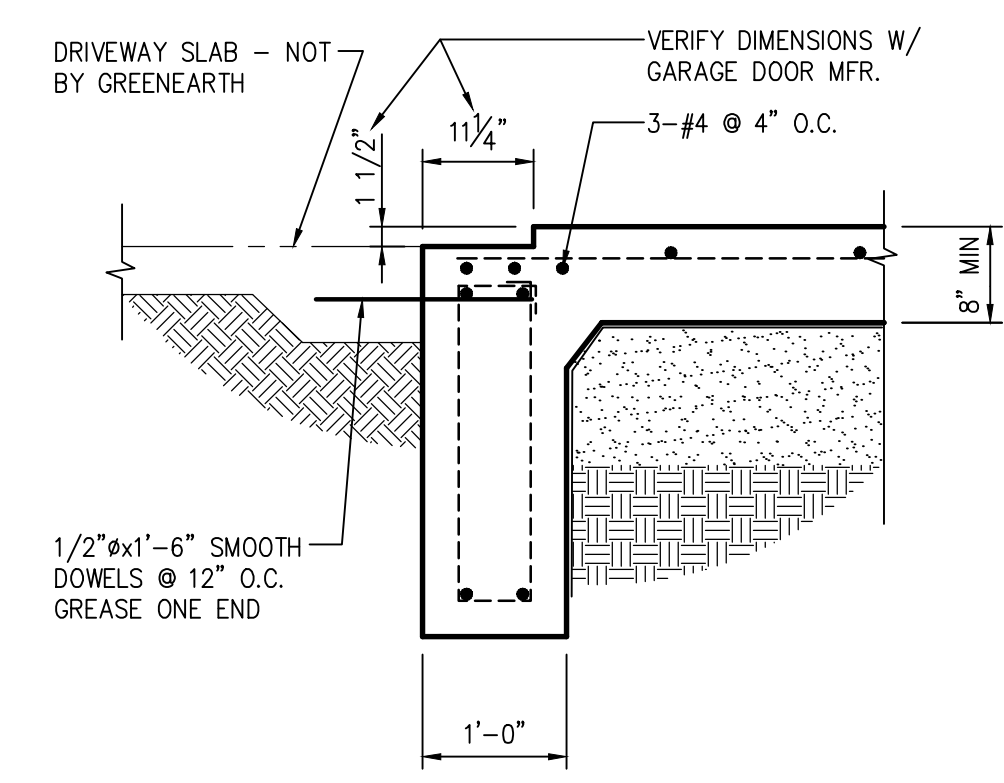
1 SECTION
3/4" = 1'-0"



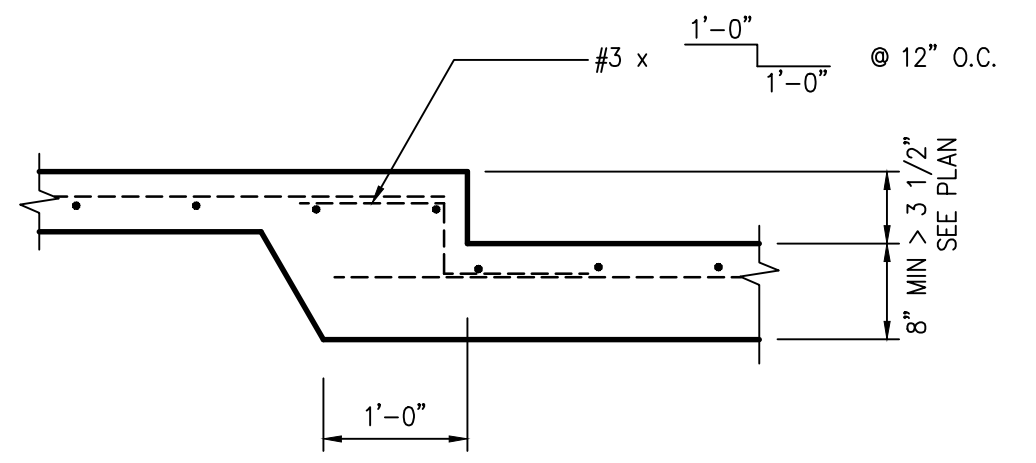
2 SECTION
3/4" = 1'-0"



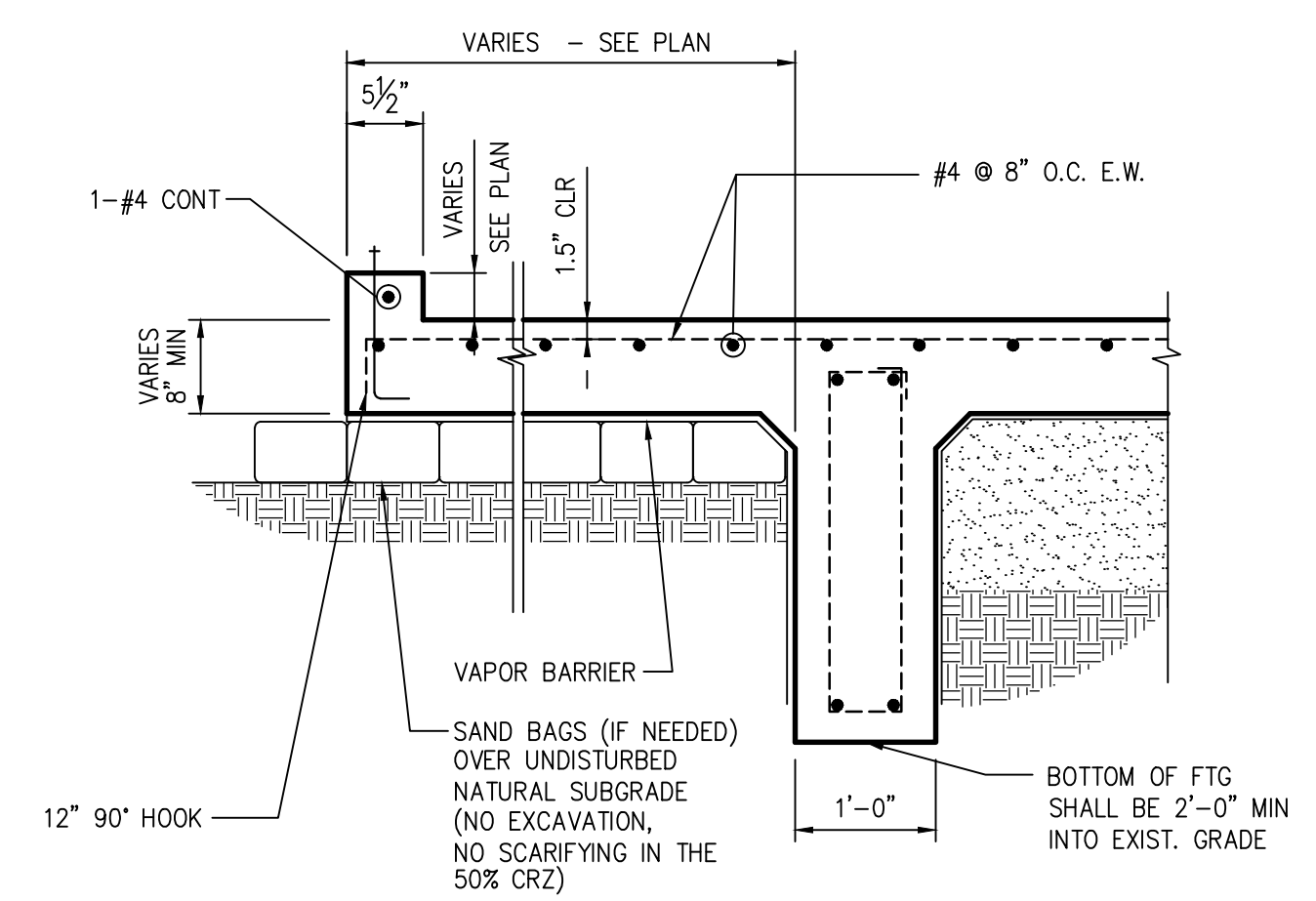
3 SECTION
3/4" = 1'-0"



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



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



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

NOTE: SEE 1/THIS SHEET FOR INFORMATION NOT SHOWN.

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BUILDING PAD PREPARATION

- Structural fill material shall consist of crushed limestone base material with the gradation as follows:

Retained on 2-1/2" screen	0%
Retained on 1-1/2" screen	0% - 25%
Retained on 3/4" screen	15% - 55%
Retained on 1/4" screen	45% - 75%
Retained on No. 40 mesh sieve	60% - 90%
- Prior to placing fill material, remove all organic and other deleterious material from the existing subgrade for a distance of 2'-0" beyond building line. All exposed surfaces shall then be recompact to a minimum of 95 percent of the maximum dry density as defined by TxDOT test method TEX 113-E or 114-E at a moisture content within 3 percent of the optimum moisture content.
THIS PROCEDURE DOES NOT APPLY TO PROTECT TREE'S 50% CRITICAL ROOT ZONE - SEE PLAN.
- Structural fill shall be placed in 8 inch loose lifts, watered as required and compacted to a minimum of 95 percent of the maximum dry density as defined in TxDOT test method TEX 113-E at a moisture content within 3 percent of the optimum moisture content.
THIS PROCEDURE DOES NOT APPLY TO PROTECT TREE'S 50% CRITICAL ROOT ZONE - SEE PLAN.
- Provide a 10 mil polyolefin Stego retarder. Place vapor barrier in accordance with manufacturer's recommendation on top of structural fill.

CAST IN PLACE CONCRETE

- Cast in place concrete shall meet the following requirements:

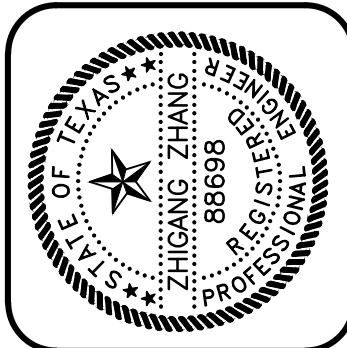
Class	28 Day Strength	Aggregate Type	Size	Slump	Use
A	3000 psi	C	33 1"	4" to 6"	All concrete

The use of fly ash is recommended, but shall not exceed 25% of the total of the cement plus fly ash by weight.
- Provide 5 percent plus or minus 1 1/2 percent of entrained air in concrete permanently exposed to the weather and elsewhere at the contractors option.

CONCRETE REINFORCING

- Reinforcing steel shall be deformed new billet steel bars in accordance with ASTM A615 Grade 60.
- Detailing of reinforcing steel shall conform to the American Concrete Institute Detailing Manual.
- Provide 2-#5 bent bar with 2'-0" legs top and bottom in interior and exterior face of grade beams at corners and top and bottom in exterior face of grade beam at intersections.
- All hooks and bends in reinforcing bars shall conform to ACI detailing standards unless shown otherwise.
- Welding of reinforcing steel will not be permitted.
- Heat shall not be used in the fabrication or installation of reinforcement.
- Reinforcing steel clear cover shall be as follows:
 - Grade beams - 1 1/2" top, 3" bottom, 2" side (formed), 3" side (placed against earth)

Zhiqiang Zhang
3/31/2015



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AUSTIN, TX

REV.	DATE

CHK. BY: TZ
DRWN. BY: BB
DATE: 4/7/2015

SHEET NO.
S2
OF