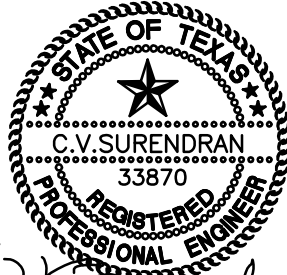


FOUNDATION PLAN (REVISED)

SCALE: 1/8" = 1'-0"



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07-26-10

SUPPLEMENTARY DRAWING NO. 46

DARROUZETT IND. SCHOOL DISTRICT, DARROUZETT, TEXAS
HIGH SCHOOL IMPROVEMENTS, YEAR 2009 IMPROVEMENTS



SURENDRAN CONSULTING
STRUCTURAL ENGINEERS

8107 Kenosha Avenue
Lubbock, TX 79423-1723
www.surendranconsulting.com

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SHEET NO. 1 OF 4
DATE: JULY 26, 2010

6" ICF BLOCK WALL, REINFORCE WITH #5 VERTICAL AT 8" ON CENTERS, #4 HORIZONTALS AT 18" ON CENTERS. (TYPICAL FOR ALL EXT. WALLS)

3" THICK CONCRETE SLAB OVER FORMSTEEL, REINFORCE WITH #3 CONT. AT 18" ON CENTERS BOTHWAYS INSIDE FLOOR SLAB

BRICK VENEER
MEMBRANE WATERPROOFING WITH BITUTHENE OR BETTER, CONTINUOUS, TYPICAL.

L4X4X1/4" CONTINUOUS BRICK LEDGE ANGLE, WELD TO JOISTS.

L3X3X1/4" CONTINUOUS DECK ANGLE, WELD TO JOISTS.

PORCH SLAB

#4 BENT BAR DOWELS AT 24" ON CENTERS.
#3 STIRRUPS AT 18" ON CENTERS

6"X3/8"-8" JOIST BEARING PLATE, WITH 2- 3/4" DIA. 6" LONG STUD ANCHORS.

COMPACTED FILL.

4- #5 CONTINUOUS, AS SHOWN

3 - #7 CONTINUOUS BARS AT TOP AND 2 - #7 CONTINUOUS AT BOTTOM

2" THICK PRE-CAST CONCRETE RETAINER

COMPACTED FILL.

6" THICK BOX CARTON FORM CONTINUOUS DRILLED PIER BEYOND

COMPACTED FILL.

SECTION

SD-46-1



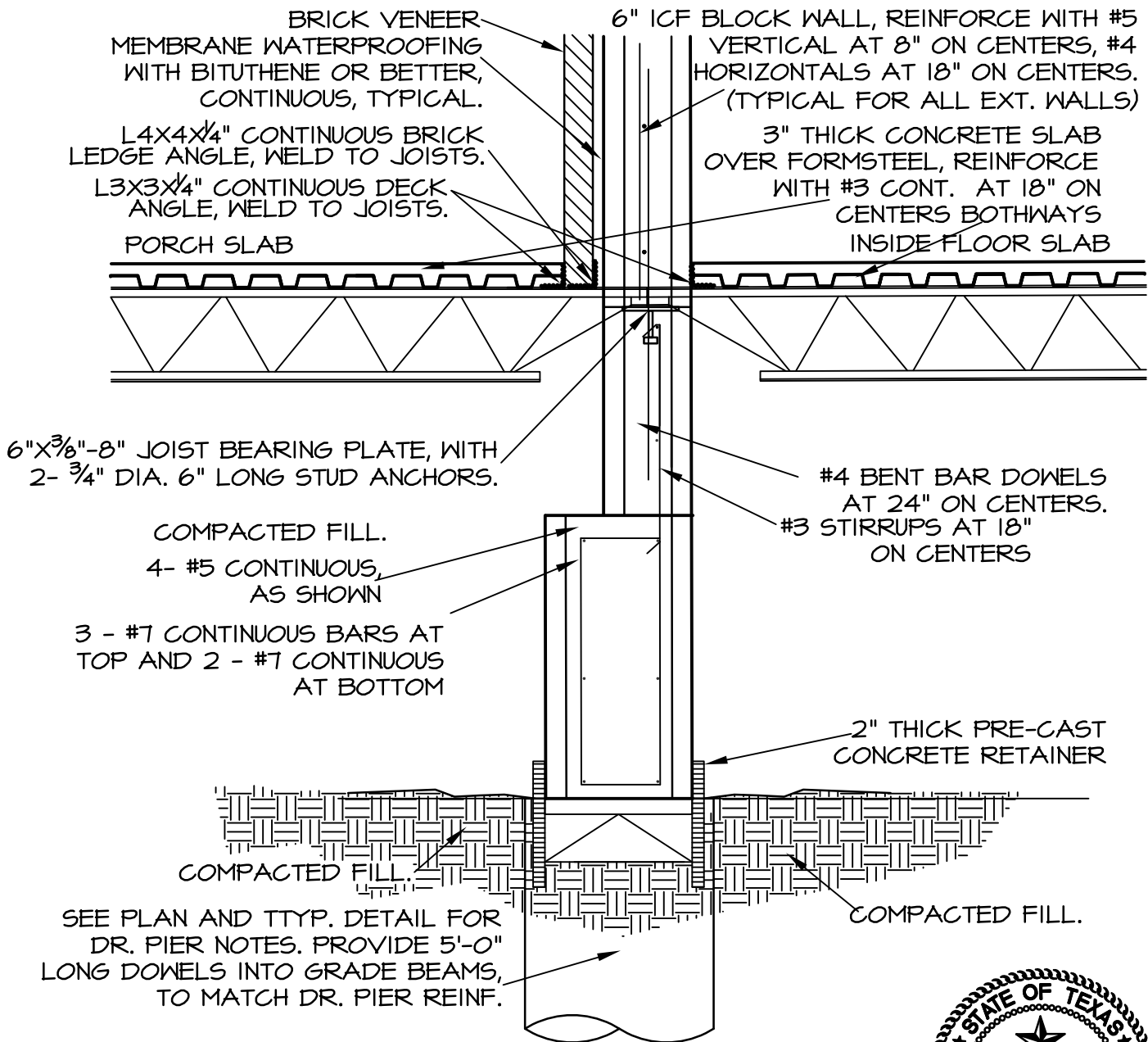
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SUPPLEMENTARY DRAWING NO. 46-1

DARROUZETT IND. SCHOOL DISTRICT, DARROUZETT, TEXAS
HIGH SCHOOL IMPROVEMENTS, YEAR 2009 IMPROVEMENTS

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SECTION

SD-46-2



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SUPPLEMENTARY DRAWING NO. 46-2

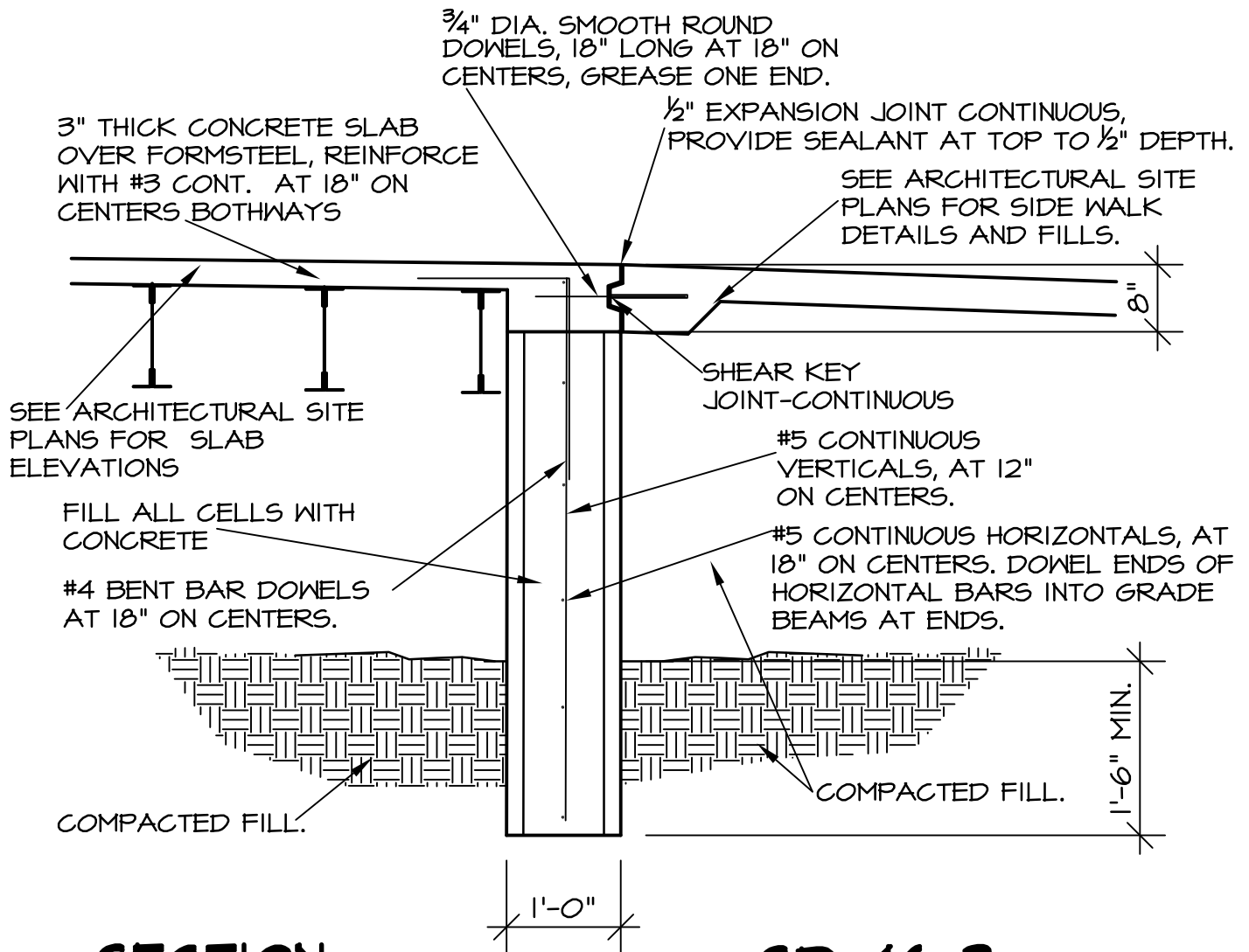
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SHEET NO. 3 OF 4
DATE: JULY 26, 2010



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SUPPLEMENTARY DRAWING NO. 46-3

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DATE: JULY 26, 2010