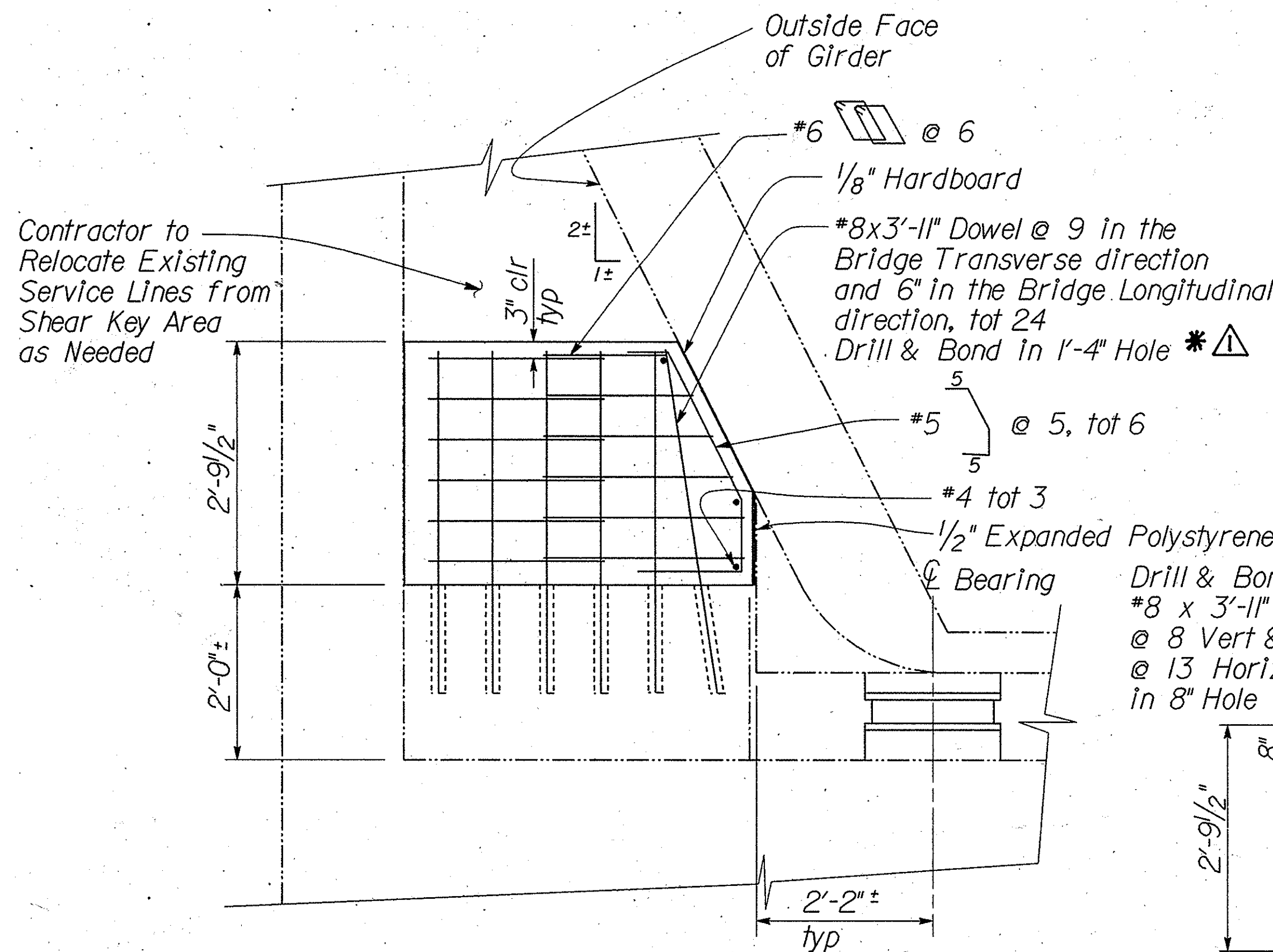
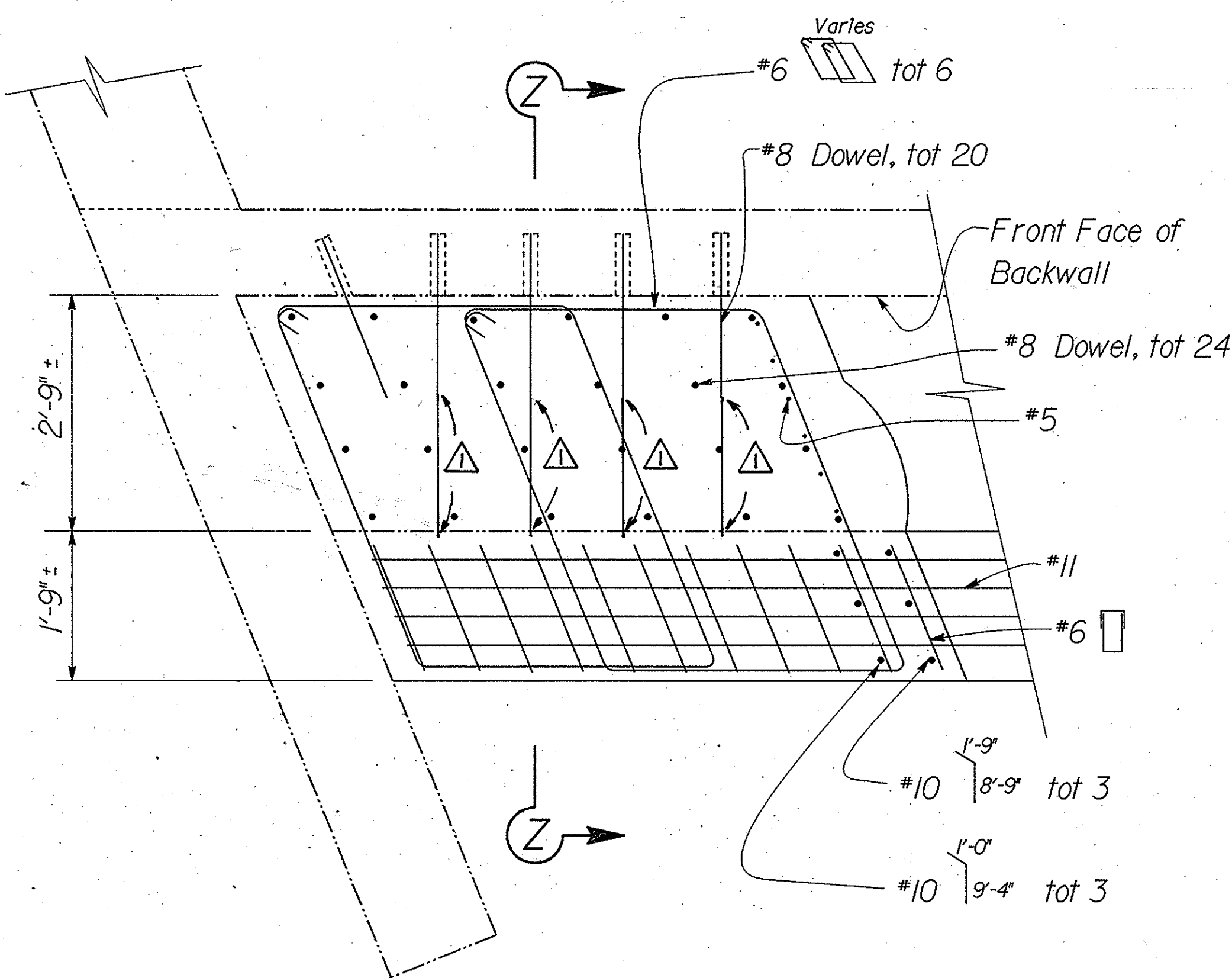




PARTIAL ELEVATION

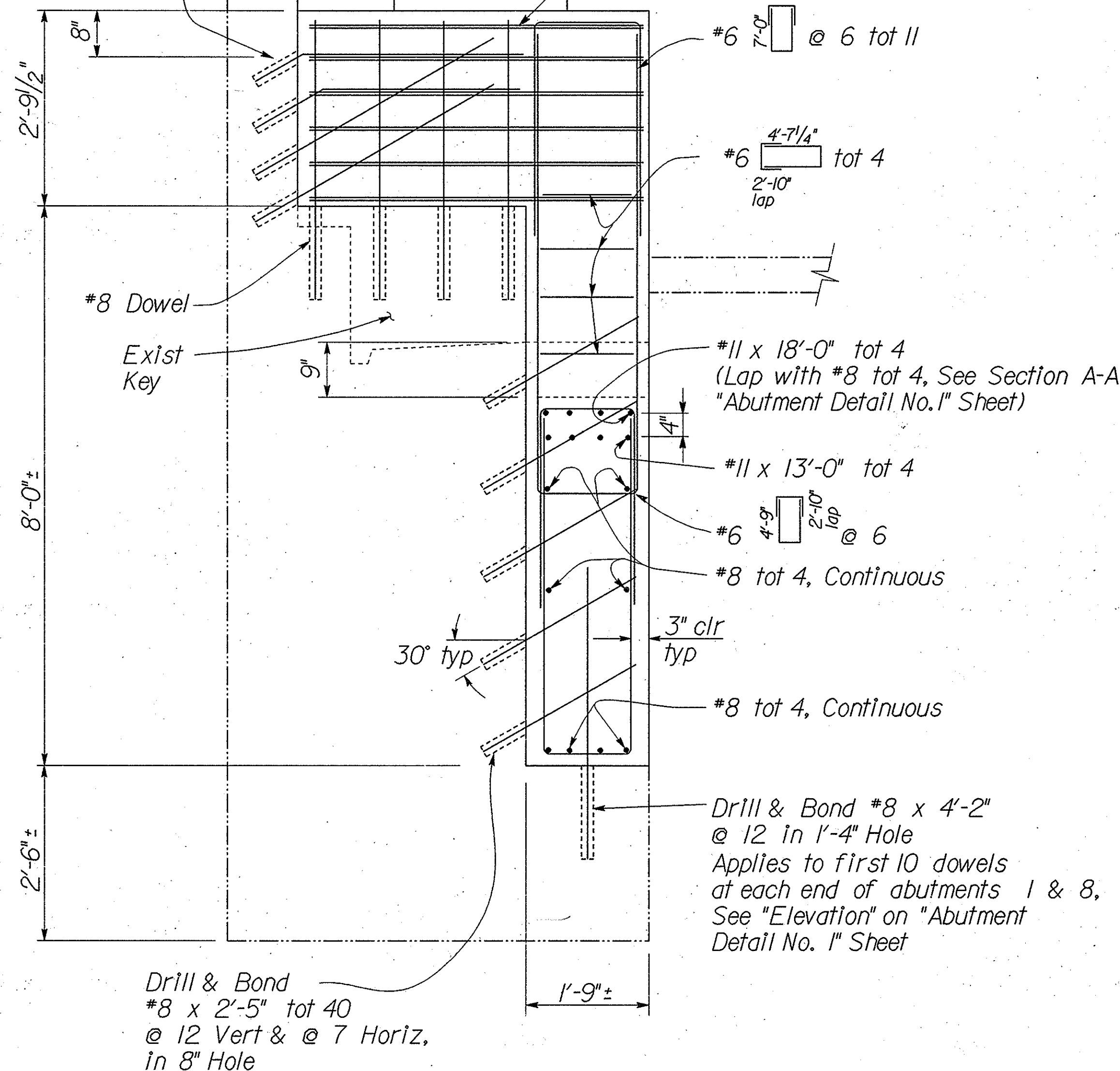


PLAN

\* WHERE INTERFERENCE WITH EXISTING REBAR MAKES 1'-4" HOLES UNACHIEVEABLE, DEFICIENT DEPTH SHALL BE MADE UP BY DRILLING ADDITIONAL HOLES @ MIN. 3" SPACING > MIN. 8" DEPTH.

See Cover Plate Detail This sheet

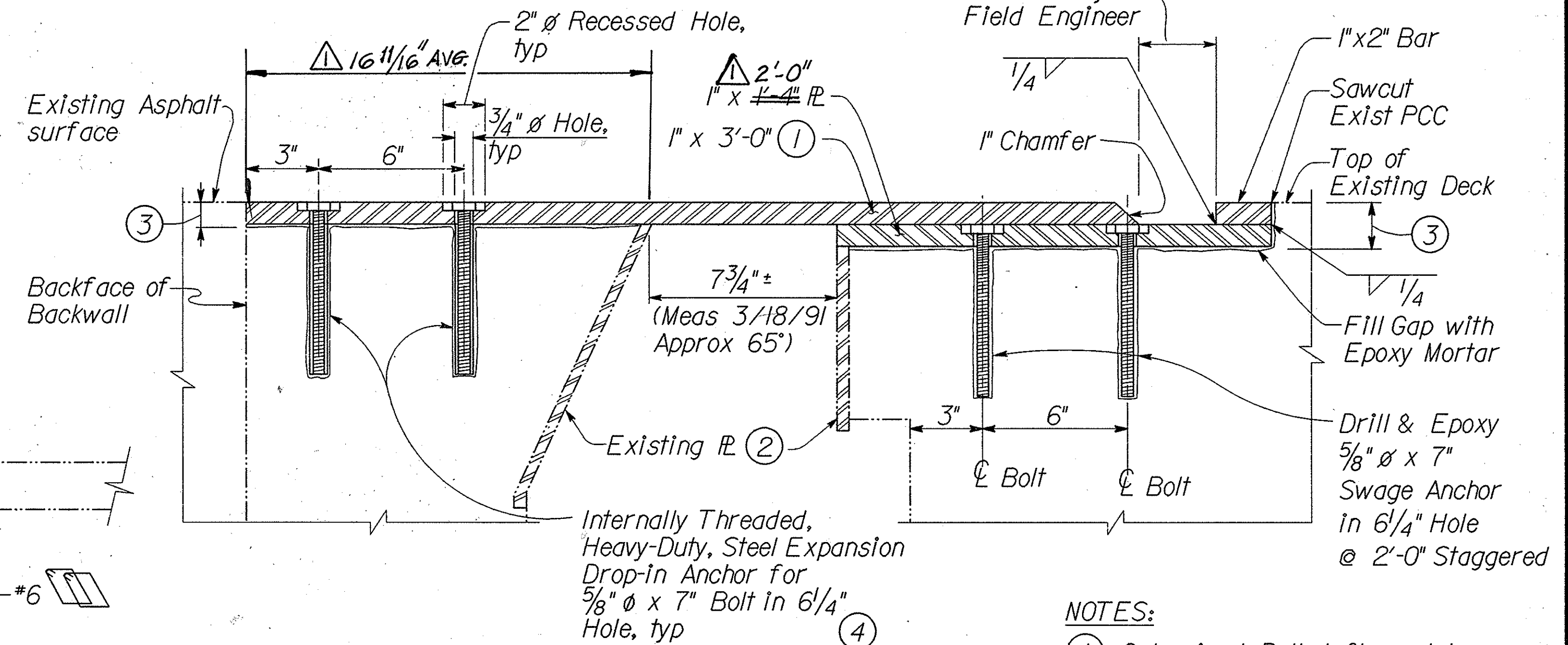
Drill & Bond #8 x 3'-11" tot 20 @ 8 Vert & @ 13 Horiz, in 8" Hole



SECTION Z-Z

SHEAR KEY DETAIL

3/4"=1'-0"

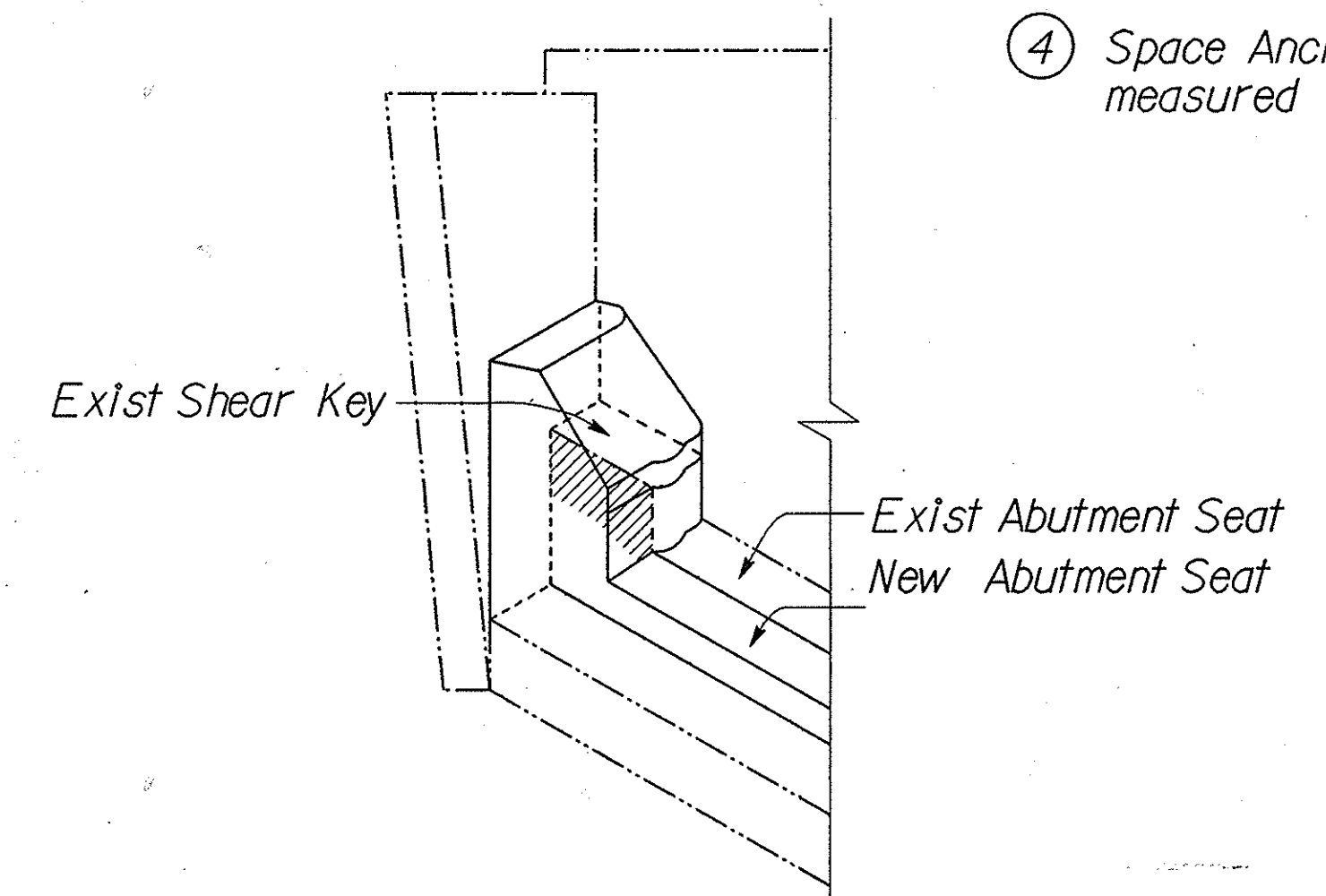


COVER PLATE DETAIL

3"=1'-0"

NOTES:

- Galvanized Rolled floor plate with raised pattern
- Remove or Cut Existing Metal as required to install new Cover Plates.
- Existing Concrete to be removed as needed.
- Space Anchor @ 2'-0" C-C, Staggered, measured along  $\phi$  backwall



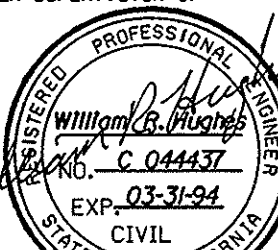
ISOMETRIC PROJECTION SHEAR KEY RETROFIT

No Scale

1/2 0 2  
3 inches on original drawing

NOTE: The Contractor shall verify all controlling field dimensions before jacking the bridge, ordering or fabricating any material. See Special Provisions for Construction Sequence.

**HNTB**  
HOWARD NEEDLES TAMMEN & BERGENDOFF  
ARCHITECTS ENGINEERS PLANNERS  
4 EXECUTIVE CIRCLE  
SUITE 160  
IRVINE, CALIFORNIA 92714  
(714) 752-6940

|                                                                                       |      |                                                  |  |
|---------------------------------------------------------------------------------------|------|--------------------------------------------------|--|
|                                                                                       |      | ORANGE COUNTY<br>ENVIRONMENTAL MANAGEMENT AGENCY |  |
|                                                                                       |      | SANTA MARGARITA PARKWAY BRIDGE                   |  |
| AS SHOWN                                                                              |      | ABUTMENT DETAIL<br>NO. 2                         |  |
| MARK                                                                                  | DATE | DESCRIPTION                                      |  |
| REVISIONS                                                                             |      |                                                  |  |
| PREPARED UNDER SUPERVISION OF                                                         |      |                                                  |  |
|  |      | 9/23/92                                          |  |
| DRAWN                                                                                 |      | C. Chen                                          |  |
| N. Morales                                                                            |      | CHECKED D. Besser                                |  |
| SCALE                                                                                 |      | DATE                                             |  |
| AS SHOWN                                                                              |      | 9/92                                             |  |
|                                                                                       |      | DRAWING NO.                                      |  |
|                                                                                       |      | SHEET 4 OF 7                                     |  |