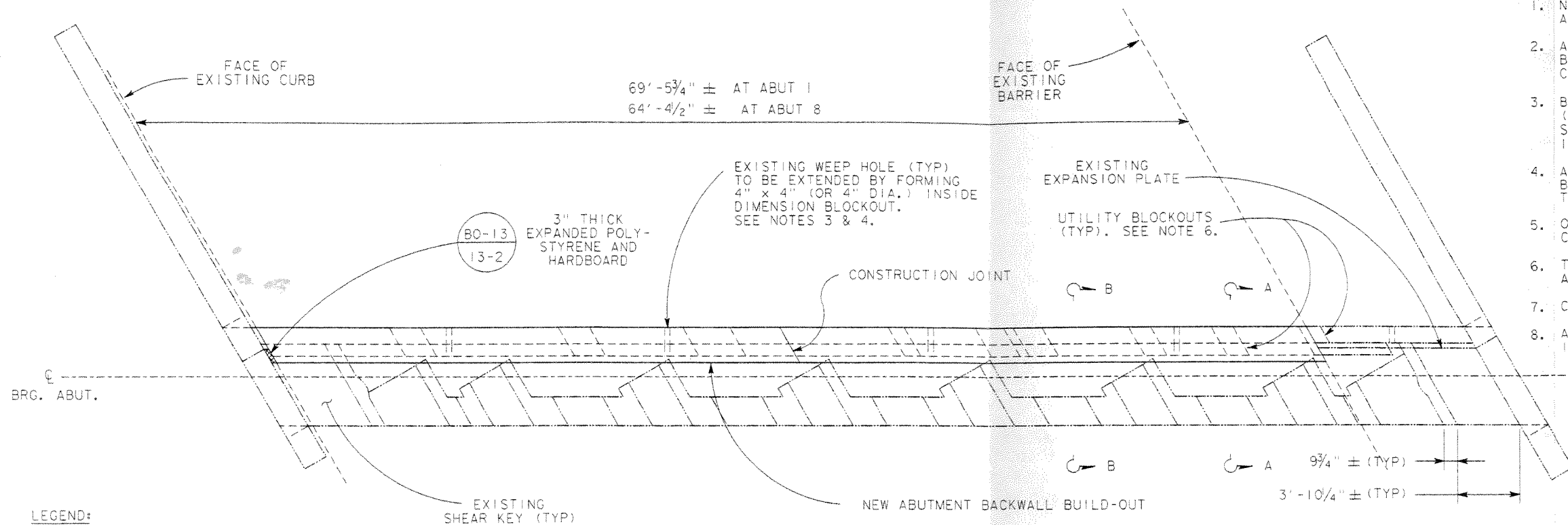
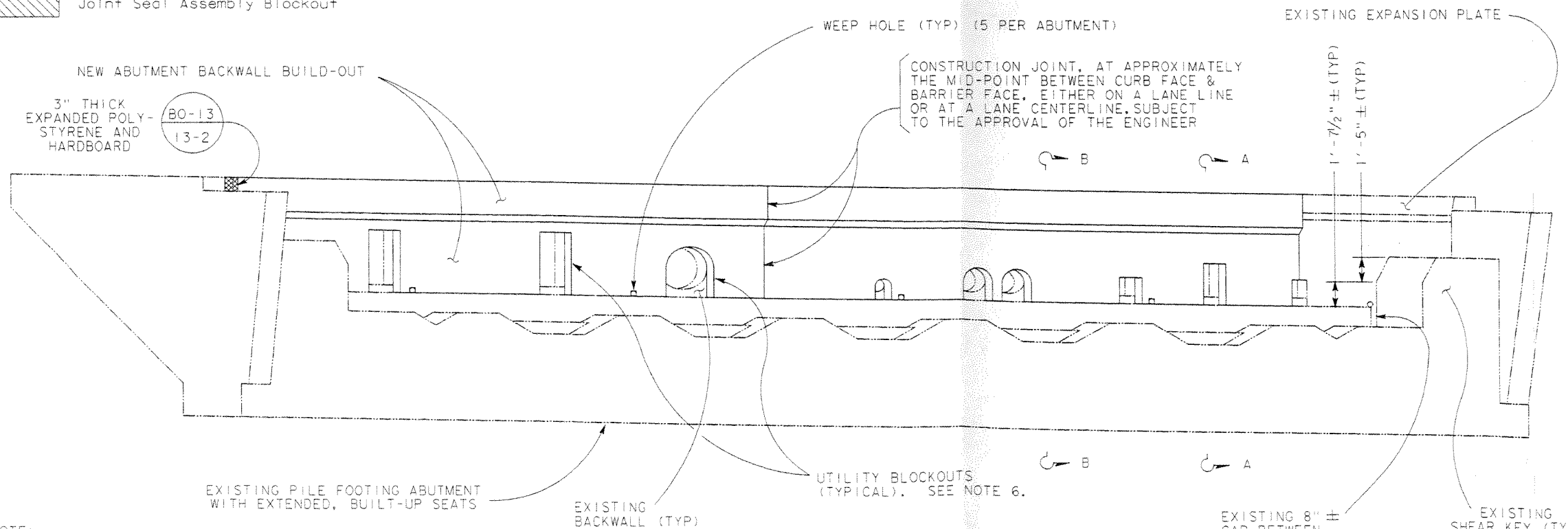




- LEGEND:**
- Denotes existing structure
 - Denotes new construction
 - ± Indicates approximate dimension of existing structure, to be verified by contractor.
 - Joint Seal Assembly Blockout

**ABUTMENT 8 PLAN
ABUTMENT 1 SIMILAR**

1/4" = 1'-0"



**ABUTMENT 8 ELEVATION
ABUTMENT 1 SIMILAR**

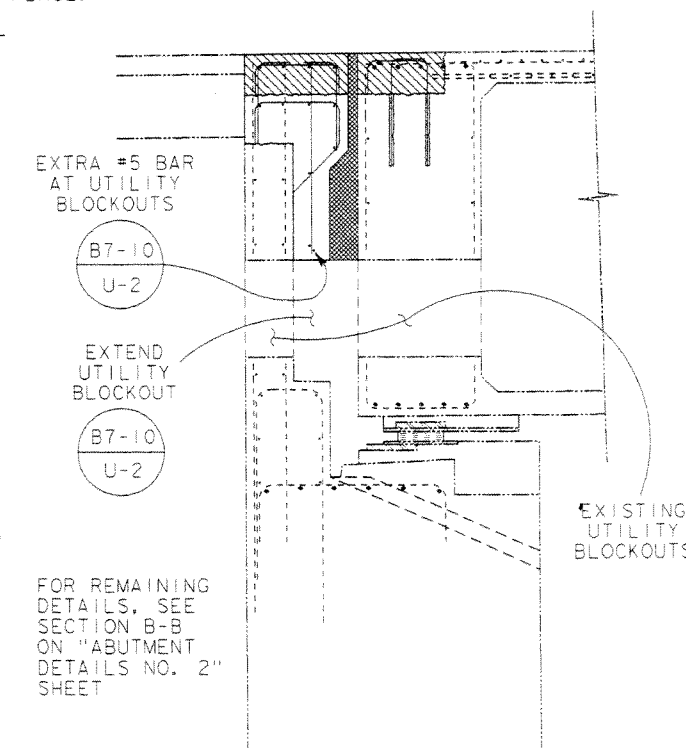
1/4" = 1'-0"

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

NOTE:
SIDEWALK, BARRIER AND HANDRAIL NOT SHOWN
SEE GENERAL PLAN FOR UTILITY IDENTIFICATION.
FOR SECTION B-B, SEE "ABUTMENT DETAILS NO. 2" SHEET

NOTES:

1. NOTE 4 ON CALTRANS STANDARD PLAN B7-10 IS NOT APPLICABLE.
2. ALL BLOCKOUT FORMS SHALL BE ADEQUATELY SECURED AGAINST BUOYANT FORCES USING MECH. EXPANSION ANCHORS IN COMBINATION WITH SIMPSON FRAMING ANCHORS OR SIMILAR.
3. BLOCKOUT FORMS AT WEEP HOLES SHALL LEAVE A 4" X 4" (OR 4" DIA) CLEAR VOID INSIDE THE FORMS TO CONVEY FLOW. SUCH VOIDS & FORMS SHALL BE SEALED FROM CONCRETE INTRUSION BY FOAM FORM SEALER OR SIMILAR.
4. AT WEEP HOLES, CONTRACTOR SHALL EXTEND 4" X 4" BLOCKOUT THROUGH POLYSTYRENE & HARDBOARD TO PERMIT FLOW TO EXIT ONTO THE ABUTMENT SEAT.
5. ONLY ONE WALL LAYER OF ADDITIONAL REINFORCEMENT PER CALTRANS STANDARD PLAN B7-10 IS REQUIRED.
6. TOP OF ROUNDED UTILITY BLOCKOUTS MAY BE SQUARED-OFF AT CONTRACTOR'S OPTION.
7. CONCRETE STRENGTH: ALL CONCRETE SHALL BE f'c=5000 psi.
8. ALL UTILITY AND WEEPHOLE BLOCKOUT FORMS MAY BE LEFT IN PLACE.



**SECTION A-A
UTILITY BLOCKOUT DETAIL
(TYPICAL). WEEPHOLE BLOCKOUT
SIMILAR. SEE NOTES.**

1/2" = 1'-0"

ORANGE COUNTY PUBLIC FACILITIES AND RESOURCES DEPARTMENT	
ABUTMENT DETAILS NO. 1	
DESIGNED: Ron Herington	SHEET 3
DRAWN: Ron Herington	CHECKED: Ed Kwan
SCALE: AS SHOWN	DATE: 9/13/00
DRAWING NO.	