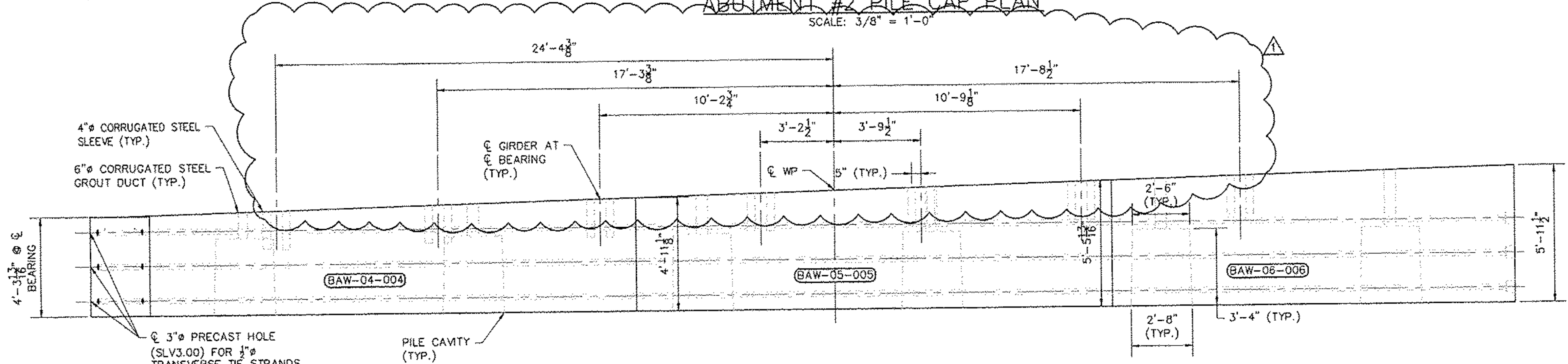


ABUTMENT #2 PILE CAP PLAN  
SCALE: 3/8" = 1'-0"



ABUTMENT #2 PILE CAP ELEVATION  
SCALE: 3/8" = 1'-0"

**GENERAL NOTES:**

1. PANELS SHALL BE LIFTED UTILIZING A MINIMUM SLING ANGLE = 60°.
2. CONTRACTOR TO ENSURE RIGGING DURING LIFTING OPERATIONS ENGAGES ALL FOUR LIFT ANCHORS.

**SUGGESTED SEQUENCE OF CONSTRUCTION:**

1. PREPARE AND GRADE FOUNDATION TO REQUIRED ELEVATION.
2. DRIVE PILES. THE PILES' TOP SHALL BE WITHIN 3" OF PLAN LOCATION.
3. PLACE PRECAST ABUTMENTS. APPLY A SLOW SETTING EPOXY TO THE MATING ENDS AT MATCH-CAST JOINT. THE EPOXY SHOULD BE APPLIED PER MANUFACTURERS' RECOMMENDATIONS.
4. INSTALL TRANSVERSE STRANDS. USE A CALIBRATED JACK TO TENSION TO 3 KIPS.
5. ONCE EPOXY HAS CURED PER MANUFACTURERS' RECOMMENDATIONS APPLY FINAL POST-TENSIONING FORCE.
6. FINAL JACKING FORCE PER STRAND IS 33 KIPS. STRESS POST-TENSIONING STRANDS USING A CALIBRATED JACK OPERATED BY QUALIFIED PERSONNEL WITH PREVIOUS EXPERIENCE IN POST-TENSIONING.
9. PLACE AND SECURE THE 9" WIDE SEAL WRAP AT EACH JOINT, ABUTMENT, IN THE BACK OF THE STEM. DAMPPROOF AND THEN BACKFILL AS RECOMMENDED.
10. VERIFY ABUTMENT ELEVATIONS AND GROUT PILE CAVITIES.
11. BACKFILL ABUTMENTS IN COORDINATION WITH RETAINING WALL BACKFILL.

RECEIVED  
 CK'D BY LJS OK'D BY RSY  
 MAR 11 2011  
 RESUBMIT \_\_\_\_\_ APPROVED   
 BY CPW DATE 3/28/11



CONSTRUCTION SET  
 FEBRUARY 18, 2011

REVISION NO.	REVISION DATE
1	MARCH 09, 2011

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DESIGNED BY: JTN	DATE: FEBRUARY 2011
CHECKED BY: CTS	PROJECT NO.: 122435.00

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**CHESTER, VT**  
 VT 103  
 BRIDGE #9  
 PROJECT NO.: BRF 025-1 (37)  
**SHEET 2 OF 15**