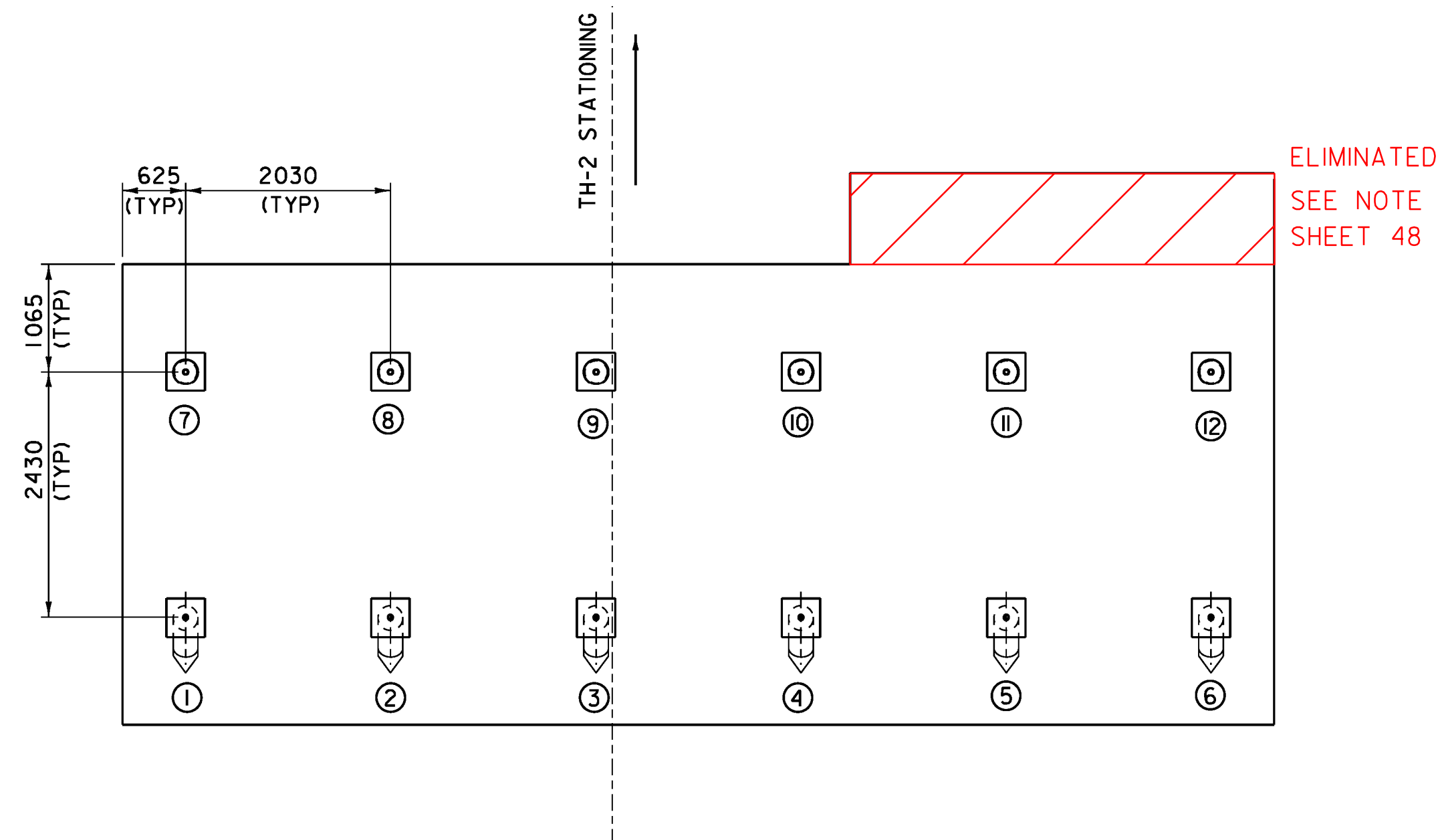
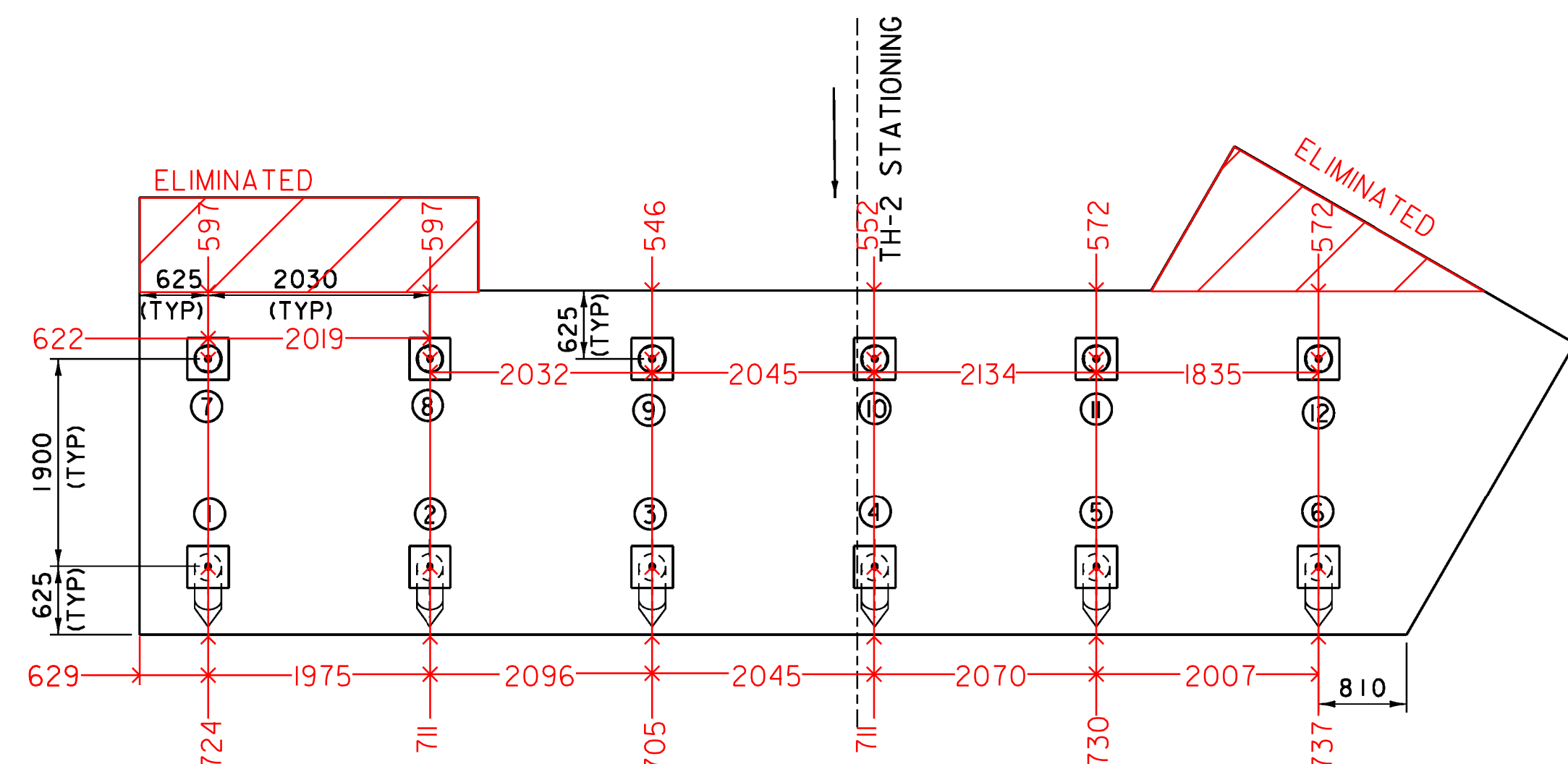
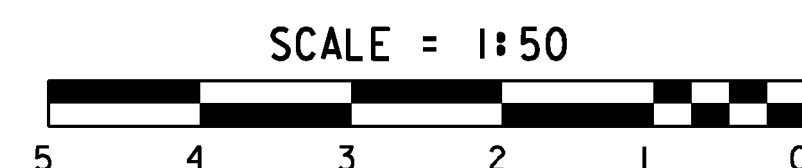
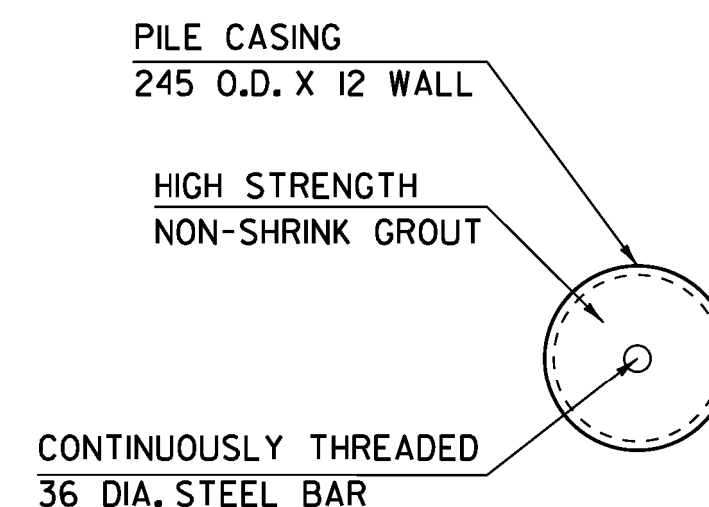
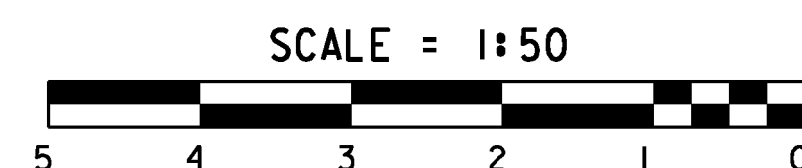




ABUTMENT #2 PILE LAYOUT

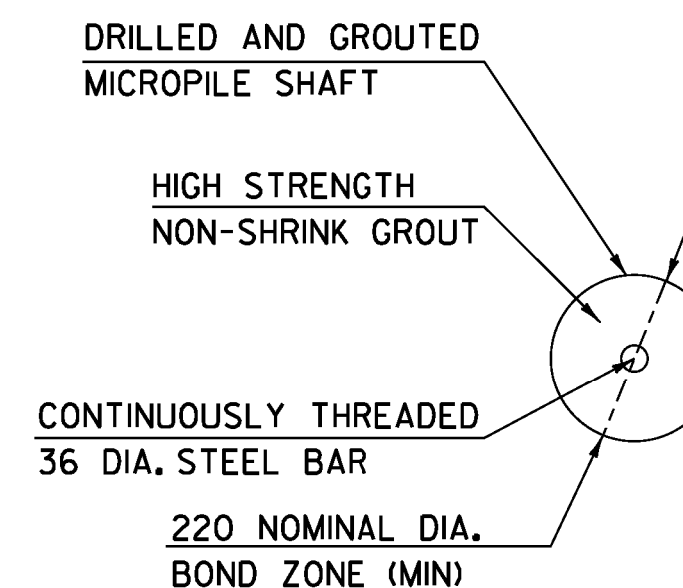


ABUTMENT #1 PILE LAYOUT



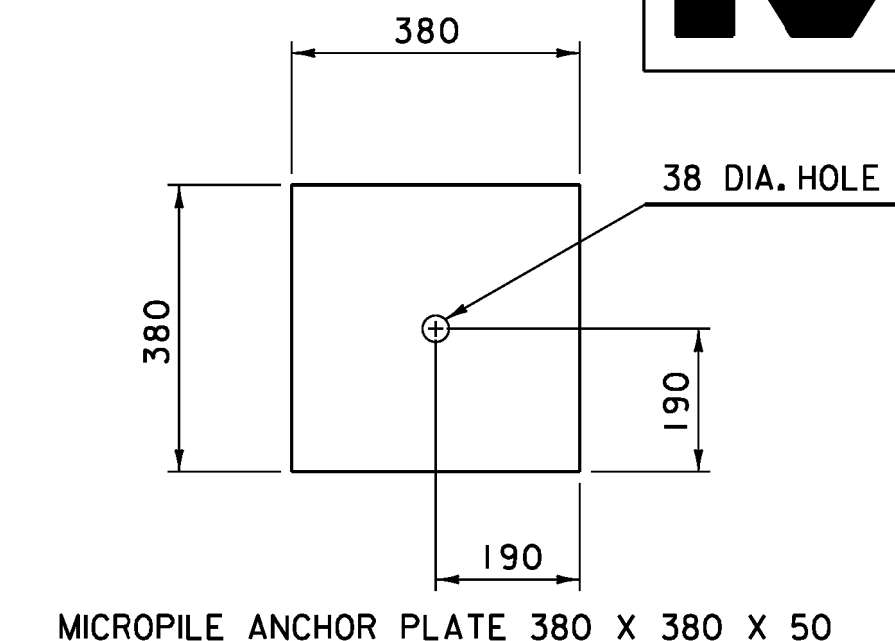
CASED MICROPILE
SECTION A

NOT TO SCALE



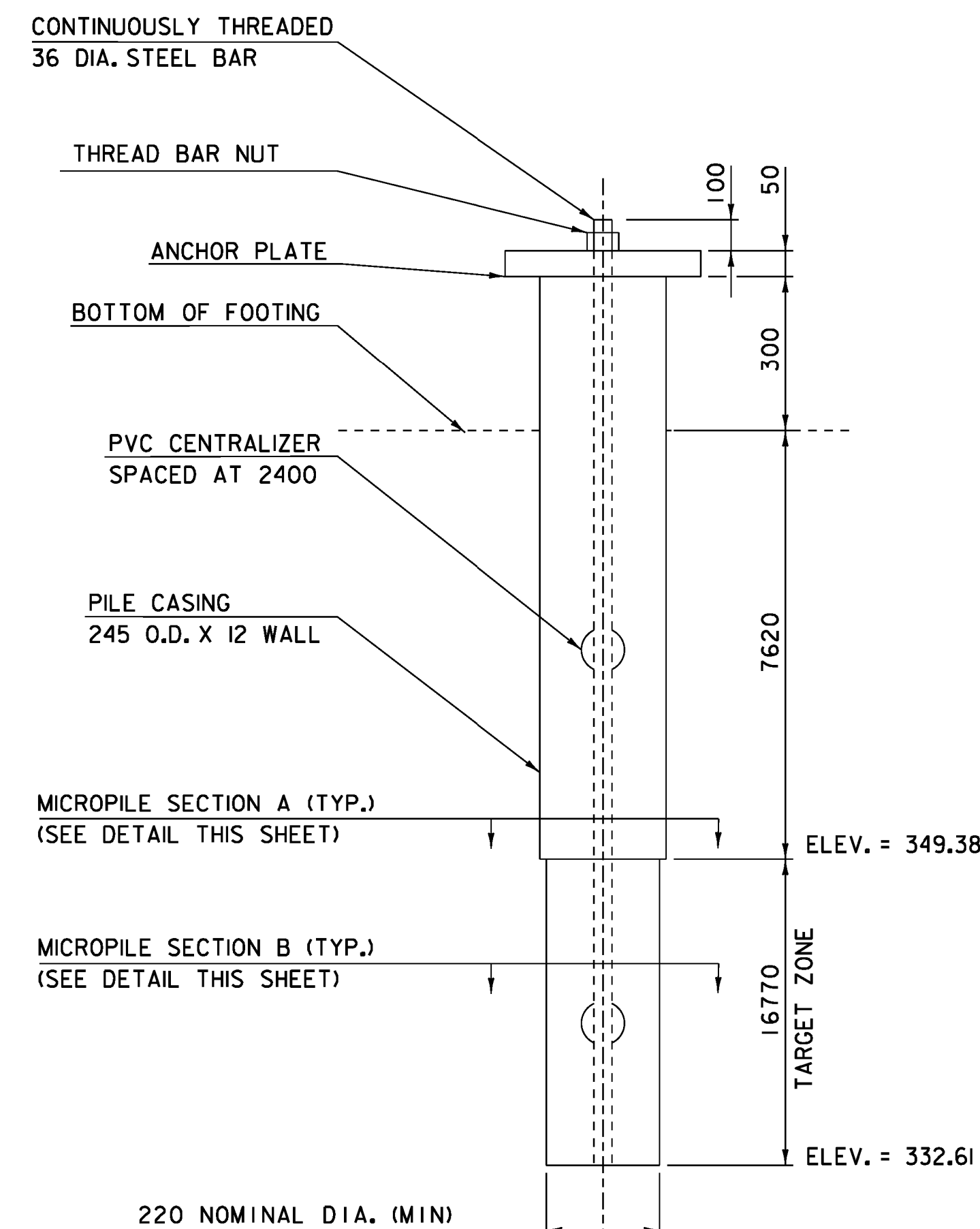
UNCASED MICROPILE
SECTION B

NOT TO SCALE



MICROPILE
ANCHOR PLATE

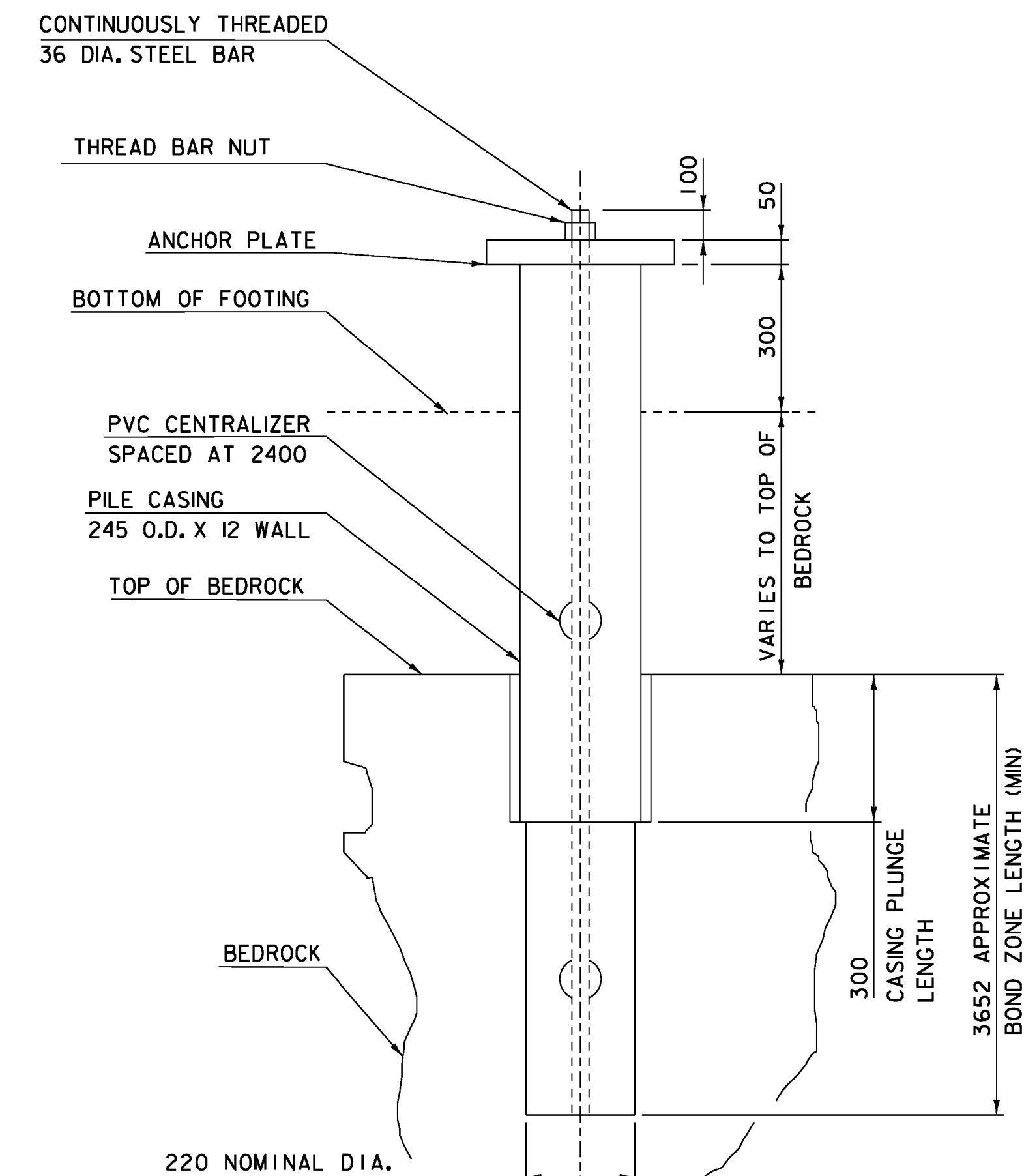
NOT TO SCALE



DESIGN TEST LOAD = 225 KIPS/PILE, BASED ON ASSUMED *NOMINAL SKIN RESISTANCE* IN SOIL = 3.0 KSF

ABUTMENT #2 MICROPILE

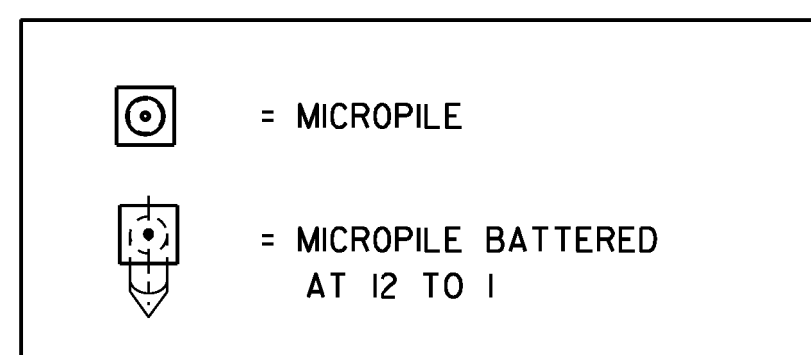
NOT TO SCALE



DESIGN TEST LOAD = 162 KIPS/PILE, BASED ON ASSUMED *NOMINAL SKIN RESISTANCE* IN ROCK = 12 KSF

ABUTMENT #1 MICROPILE

NOT TO SCALE



NOTE 1: SEE "SPECIAL PROVISIONS" FOR CONTINUOUSLY THREADED STEEL BAR STRENGTH AND PILE CASING STRENGTHS.

NOTE 2: FIRST PILE DRIVEN AT ABUTMENT 2 WILL BE LOAD TESTED AS PER THE SPECIAL PROVISIONS.

PROJECT NAME: READSBORO
PROJECT NUMBER: BRF 0105 (3)

FILE NAME: 89J088/STR/s89J088sub.dgn
PROJECT LEADER: J. LACROIX
DESIGNED BY: W. PELLETIER
ABUTMENT MICROPILE LAYOUT

PLOT DATE: 07-MAR-2012
DRAWN BY: G. ROKES
CHECKED BY: W. PELLETIER
SHEET 49 OF 90