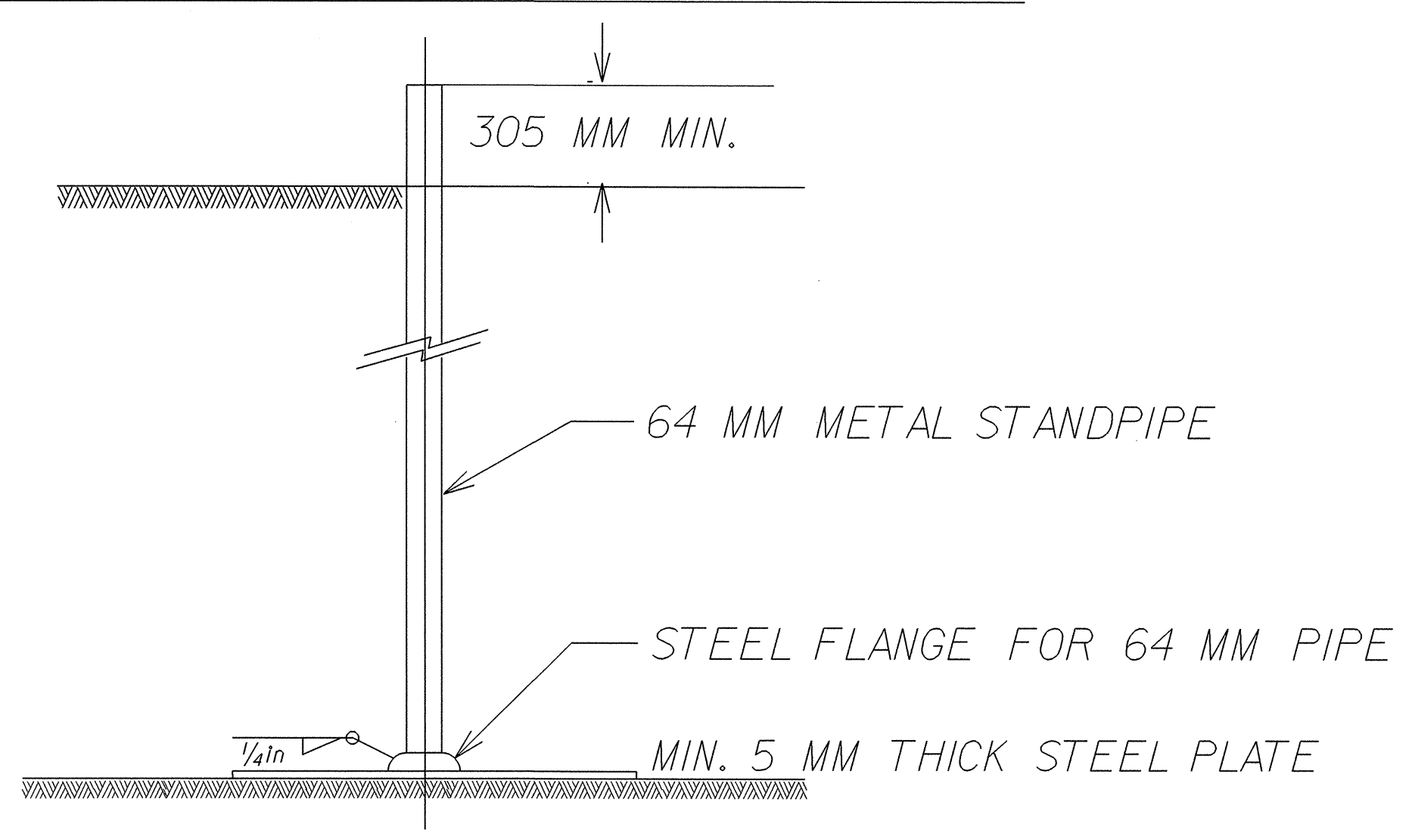
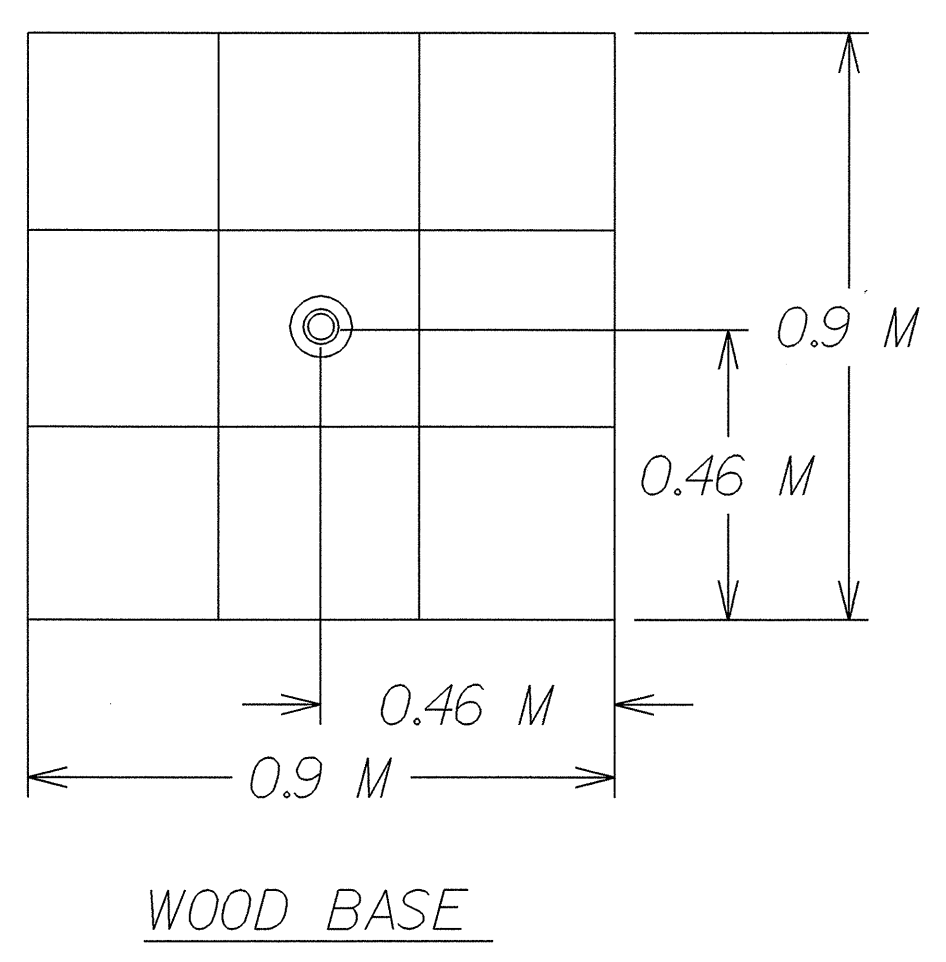
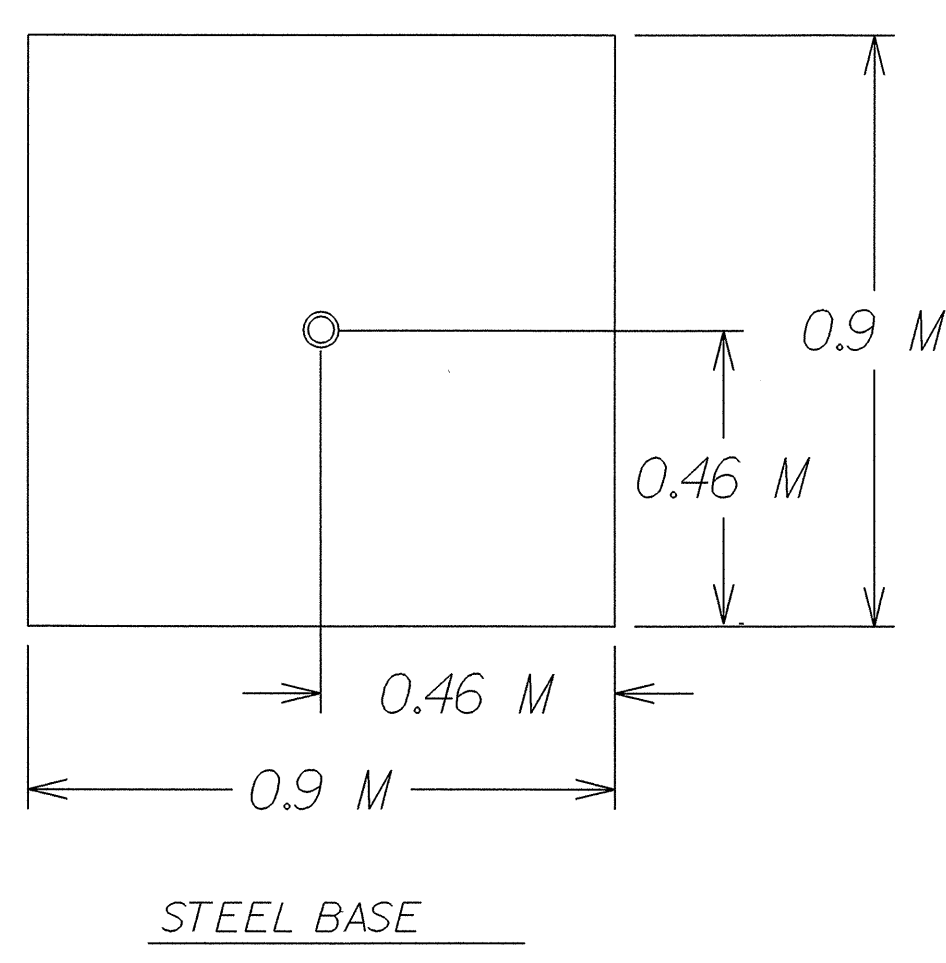
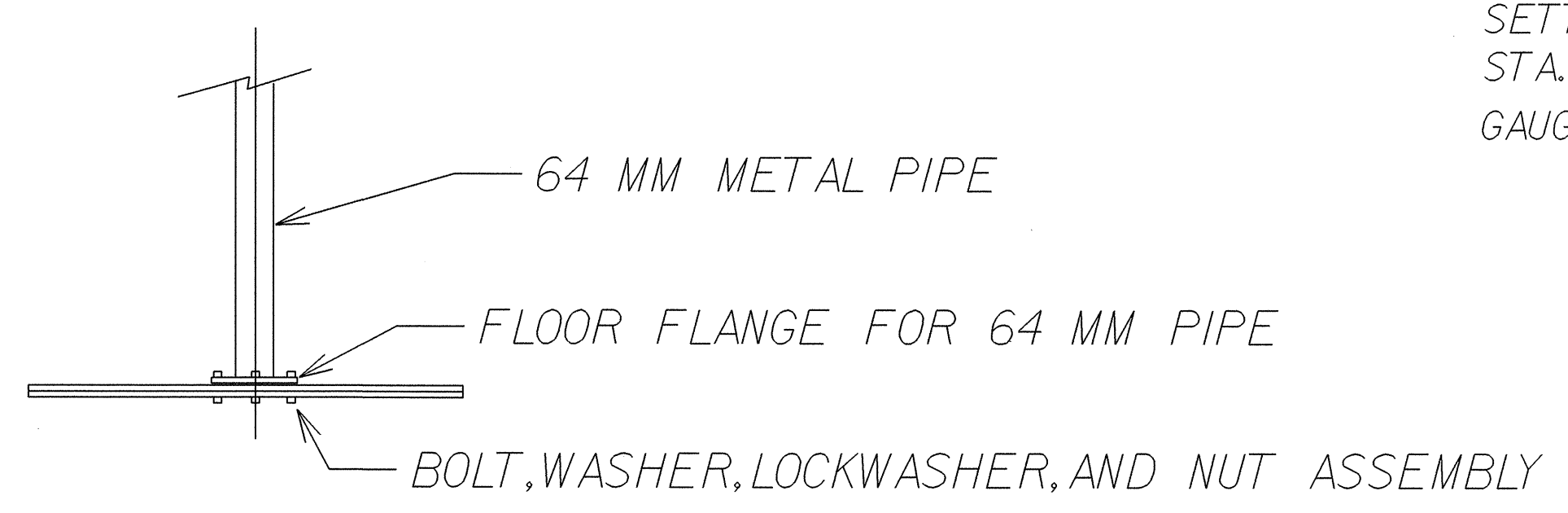


PROJ. REFERENCE NO.	SHEET NO.	TOTAL SHEETS
U-2912	2-Q	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION

SETTLEMENT GAUGE DETAIL



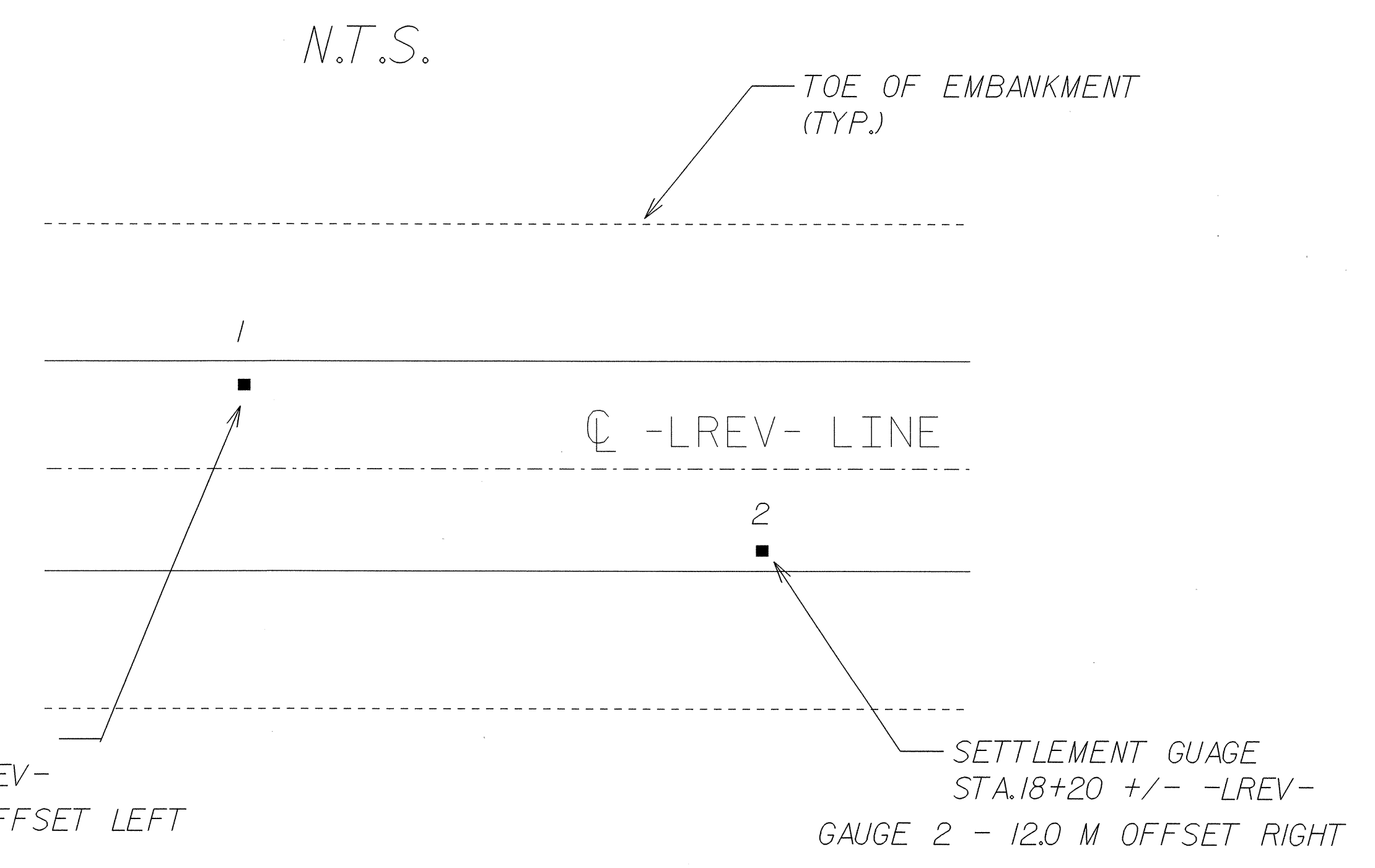
DETAIL OF STEEL BASE



DETAIL OF WOOD BASE

SIX - 25 MM X 0.3 M X 0.9 M PLANKS OF LUMBER OR TWO PIECES 25 MM X 0.9 M X 0.9 M EXTERIOR GRADE PLYWOOD, SECURELY FASTENED AND THEN COATED WITH WOOD PRESERVATIVE

PLAN VIEW



SETTLEMENT GAUGE
STA.17+70 +/- -LREV-
GAUGE 1 - 12.0 M OFFSET LEFT

SETTLEMENT GAUGE
STA.18+20 +/- -LREV-
GAUGE 2 - 12.0 M OFFSET RIGHT

The Contractor shall construct the embankment from station 17+30.00± to station 18+50.00± -LREV- to the finished roadway grades and observe a three (3) month waiting period prior to beginning any paving work.

NOTES

1. THE USE OF EITHER THE WOOD BASE OR THE STEEL BASE SETTLEMENT GAUGE SHALL BE THE CONTRACTOR'S OPTION.
2. SETTLEMENT GAUGES SHALL BE INSTALLED BEFORE ANY FILL IS PLACED.
3. SETTLEMENT GAUGE ELEVATIONS ARE TO BE DETERMINED AND RECORDED WEEKLY BY THE RESIDENT ENGINEER. THE INITIAL ELEVATION OF THE SETTLEMENT GAUGE PLATE (AT TOP OF PLATE) SHALL BE DETERMINED AT THE TIME OF INSTALLATION ALONG WITH THE EMBANKMENT ELEVATION. WHEN NEW SECTIONS OF THE PIPE ARE ADDED, ELEVATIONS SHALL BE RECORDED AT THE TOP OF EXISTING PIPE AND AT THE TOP OF THE NEW PIPE. THIS IS TO TAKE INTO ACCOUNT INTERIM SETTLEMENT, VARIABLE PIPE LENGTHS, AND THREAD LENGTHS IN COUPLING. RESULTS OF SETTLEMENT GAUGE READINGS SHALL BE FORWARDED TO MR.K.J.KIM, EASTERN REGIONAL GEOTECHNICAL MANAGER, WITHIN THREE DAYS.

QUANTITIES	
SETTLEMENT GAUGES.....	2 EACH



PROJECT 8.2441101 (U-2912)
CUMBERLAND COUNTY
STATION AS SHOWN

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

EMBANKMENT
MONITORING

DRAWN BY CSC DATE 10-02
CHECKED BY GCB DATE 10-02