

THE CONTRACTOR SHALL INSTALL SETTLEMENT PLATFORMS AT THE FOLLOWING LOCATIONS:

**SETTLEMENT PLATFORM LOCATIONS**

PLATFORM	STATION	OFFSET (FT)	ELEVATION (FT)	DISTANCE FROM FOOTING (FT)
PL-1	62+27.1	-16.2	670.3	30.6
PL-2	62+57.2	0.0	663.6	3.0
PL-3	62+58.4	16.2	663.6	3.0
PL-4	62+55.9	-16.2	663.6	3.0
PL-5	63+17.2	0.0	663.6	3.0

THE CONTRACTOR SHALL INSTALL OBSERVATION WELLS AT THE FOLLOWING LOCATIONS:

**OBSERVATION WELL/PIEZOMETER LOCATIONS**

WELL/PIEZOMETER	STATION	OFFSET (FT)	ELEVATION (FT)	DISTANCE FROM FOOTING (FT)
W-1	62+52.7	-16.2	658.6*	6.0
W-2	62+55.5	16.2	658.6*	6.0
P-1	62+54.2	0.0	658.6	6.0
P-2	63+20.2	0.0	658.6	6.0

\*ELEVATION OF THE TOP OF THE SCREENED SECTION

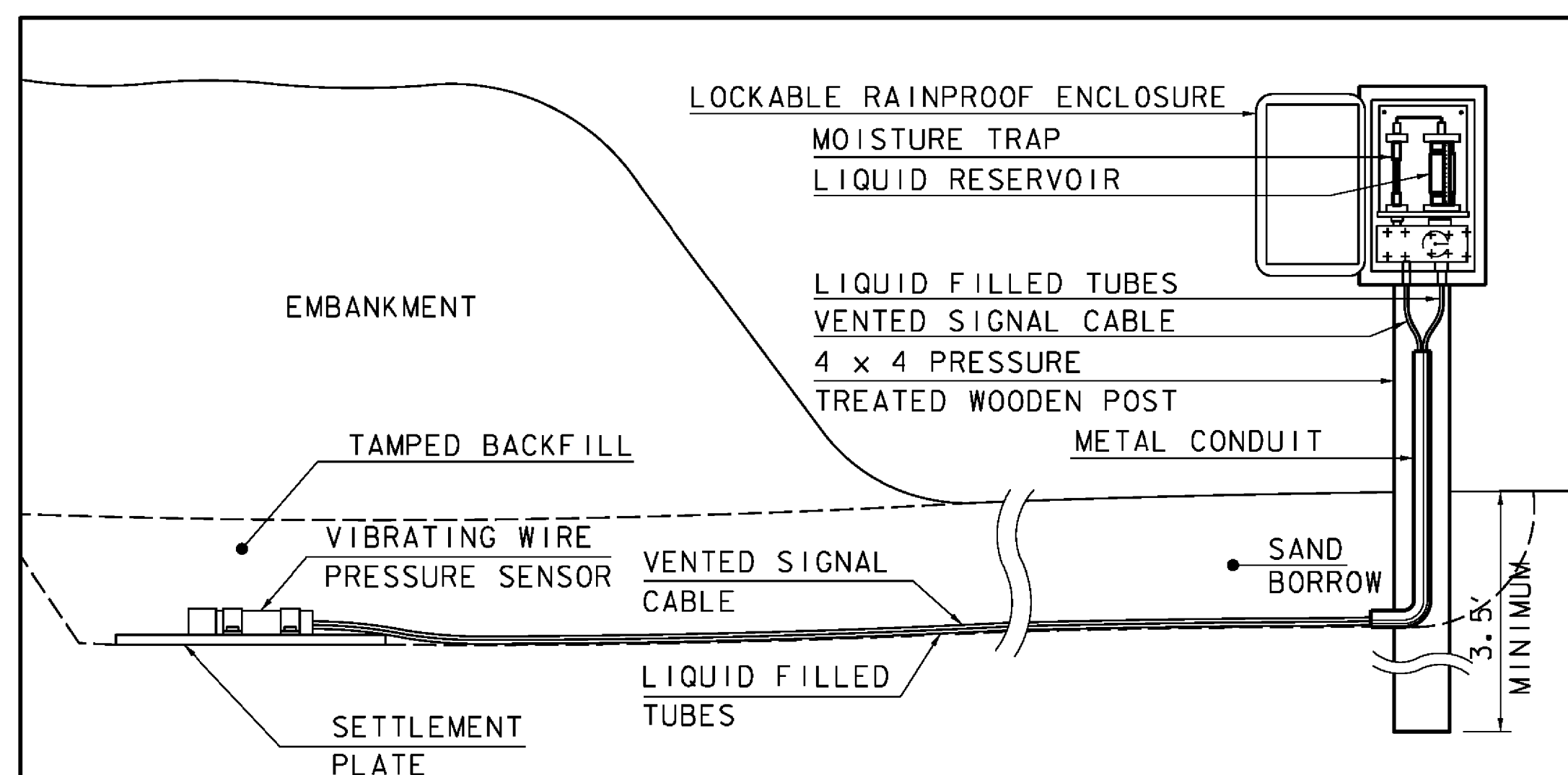
THE CONTRACTOR SHALL INSTALL READOUT BOXES AT THE FOLLOWING APPROXIMATE LOCATIONS. THE EXACT LOCATION OF THE READOUT BOX WILL BE DETERMINED BY THE CONTRACTOR WITH APPROVAL BY THE ENGINEER:

**READOUT BOX LOCATIONS**

READOUT BOX	STATION	OFFSET (FT)
C-1	62+28.6	18.7
C-2	63+41.8	18.7

- ⊕ -PIEZOMETER
- -MONITORING WELL
- ⊞ -SETTLEMENT PLATFORM TYPE IV
- ⊞ -SETTLEMENT PLATFORM TYPE I
- -READOUT BOX LOCATION\*

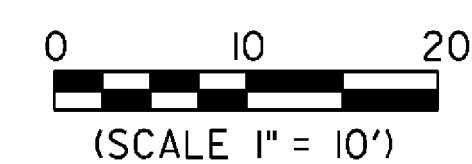
\*EXACT LOCATION WILL BE DETERMINED BY THE CONTRACTOR WITH APPROVAL OF THE ENGINEER.



**TYPICAL INSTALLATION FOR SETTLEMENT PLATFORM, TYPE IV**

N. T. S.

**INSTRUMENTATION LAYOUT**



**NOTES:**

- ALL GEOTECHNICAL INSTRUMENTATION SHALL AVOID TENSILE REINFORCEMENT STRIPS.
- THE SETTLEMENT OF THE FOUNDATION WILL BE MONITORED DURING THE BACKFILL ACTIVITIES USING TYPE I AND TYPE IV SETTLEMENT PLATFORMS AT THE LOCATIONS SHOWN ABOVE. OBSERVATION WELLS AND THE PIEZOMETERS WILL ALSO BE INSTALLED DURING BACKFILL ACTIVITIES AT THE LOCATIONS SHOWN ABOVE. BOTH THE SPECIFIED PLATFORMS, OBSERVATION WELLS, AND THE PIEZOMETERS SHALL MEET THE GUIDELINES SPECIFIED IN STANDARD SHEETS L1 AND L2, AND SECTION 900 OF THE SPECIAL PROVISIONS. THE MONITORING INSTRUMENTATION WILL BE PAID FOR UNDER ITEM 900.620, "SPECIAL PROVISION (SETTLEMENT PLATFORM, TYPE I)", ITEM 900.620, "SPECIAL PROVISION (SETTLEMENT PLATFORM, TYPE IV)", ITEM 900.620, "SPECIAL PROVISION (PIEZOMETER, VIBRATING WIRE)" AND ITEM 900.620, "SPECIAL PROVISION (GROUND WATER OBSERVATION WELL)".

PROJECT NAME:	ST. JOHNSBURY
PROJECT NUMBER:	BF 7000(20)
FILE NAME:	86e048/cos/z86e048bor-inst.dgn
DESIGNED BY:	VTRANS
DRAWN BY:	VTRANS
CHECKED BY:	VTRANS
INSTRUMENTATION INFORMATION SHEET	SHEET 32 OF 70