

**PRELIMINARY  
NOT FOR CONSTRUCTION**

- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
  - ALL COORDINATES ARE REFERENCED TO NAD83 (UTM) ZONE 16N. ELEVATIONS ARE REFERENCED TO MEAN SEA LEVEL.
  - TWO PERMANENT SURVEY CONTROL MONUMENTS TO BE INSTALLED. SEE DRAWING C01 FOR BOTH PROPOSED PERMANENT SURVEY CONTROL MONUMENT LOCATIONS.
  - MINIMUM EMBEDMENT CAN BE REDUCED IF ROCK IS ENCOUNTERED. INSTALLATION TO PENETRATE A MINIMUM OF 2m INTO ROCK.
  - INSTALL THROUGH CENTER OF LANDFILL TO 1.0m ABOVE ELEVATION OF BOTTOM LINER.
  - INSTALL THROUGH CENTERLINE OF BERM TO INVERT OF KEY TRENCH.
  - NON-HAZARDOUS WASTE LANDFILL CONSTRUCTION DETAILS ARE PROVIDED ON DRAWING C07.
  - TIER II LANDFILL DETAILS ARE PROVIDED ON DRAWING C08.
  - TREATMENT CELL DETAILS ARE PROVIDED ON DRAWING C09.
  - REFER TO SECTION 02 51 00 - INSTRUMENTATION FOR MATERIALS AND CONSTRUCTION DETAILS.
  - INSTALLATION DEPTH APPROXIMATELY 1.3m (NOTE: ACTUAL LENGTH WILL BE DETERMINED BY DEPT. REPRESENTATIVE)
  - INSTALLATION DEPTH APPROXIMATELY 2.3m (NOTE: ACTUAL LENGTH WILL BE DETERMINED BY DEPT. REPRESENTATIVE)

- LEGEND**
- MW (with cross symbol) PROPOSED MONITOR WELL
  - VT (with circle symbol) VERTICAL GEOTHERMIST CABLE INSTALLATION
  - ▲ PROPOSED PERMANENT SURVEY CONTROL MONUMENT

PROFESSIONAL STAMP



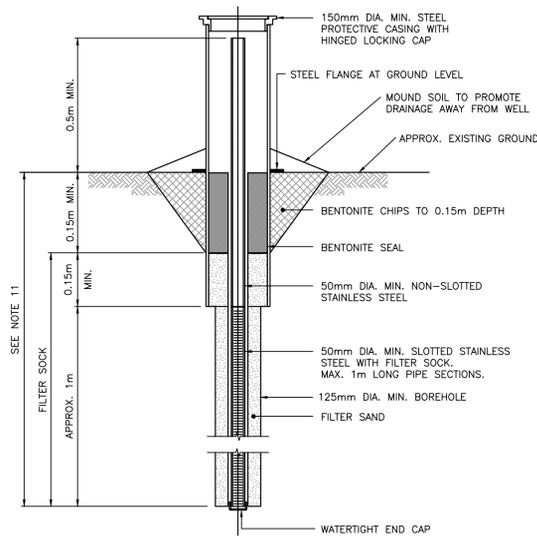
NOTE: THIS DRAWING ILLUSTRATES INFORMATION SPECIFIC TO A STANTEC PROJECT AND MUST NOT BE USED FOR OTHER PURPOSES.

APPD NO.	DETAILS	DATE
B	ISSUED FOR TENDER	FEB. 27/15
A	ISSUED FOR 90% REVIEW	OCT. 06/14

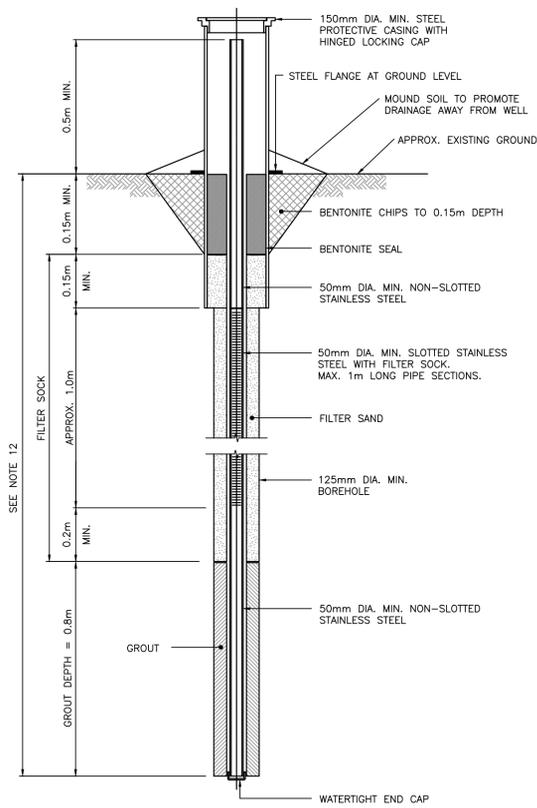
DWG. NO.	DESCRIPTION	DATE
REFERENCES		
PROJECT: CAM-E KEITH BAY REMEDIATION PROJECT		
SITE ADDRESS: KEITH BAY NUNAVUT		
CLIENT: PUBLIC WORKS AND GOVERNMENT SERVICES CANADA		
PWGS JOB No.:	SCALE:	DATE:
R.064013	AS SHOWN	SEPT. 25, 2014
DRAWN BY:	DESIGNED BY:	APPROVED BY:
BSP	M. NICHOLSON	D. MOREHOUSE

DRAWING TITLE: **MONITOR WELLS, SURVEY CONTROL MONUMENTS AND GROUND TEMPERATURE CABLES**

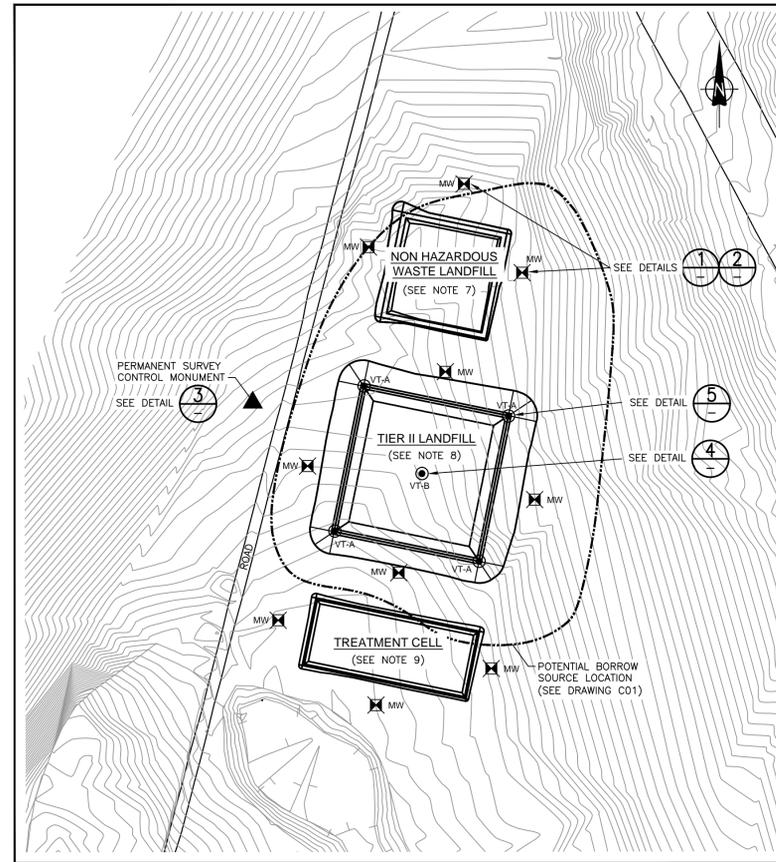
DRAWING No.:	REVISION No.:
C10	B



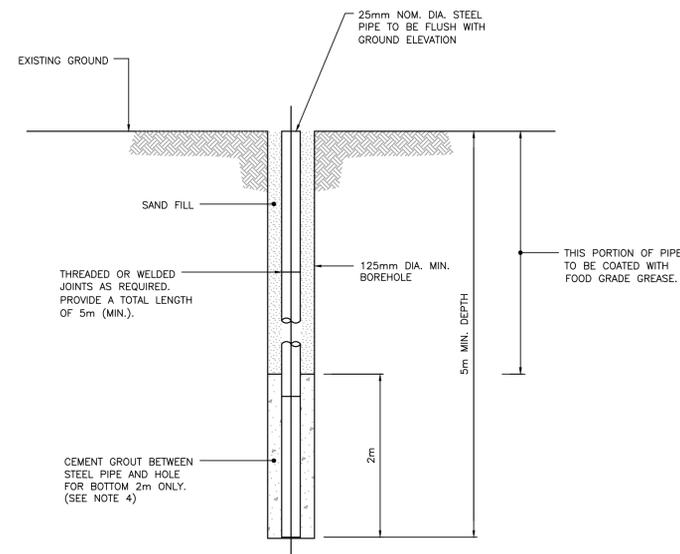
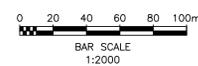
**TYPICAL MONITORING WELL / BACKGROUND MONITORING WELL DETAIL (1)**  
(FOR BEDROCK DEPTH < 0.7m)  
N.T.S.



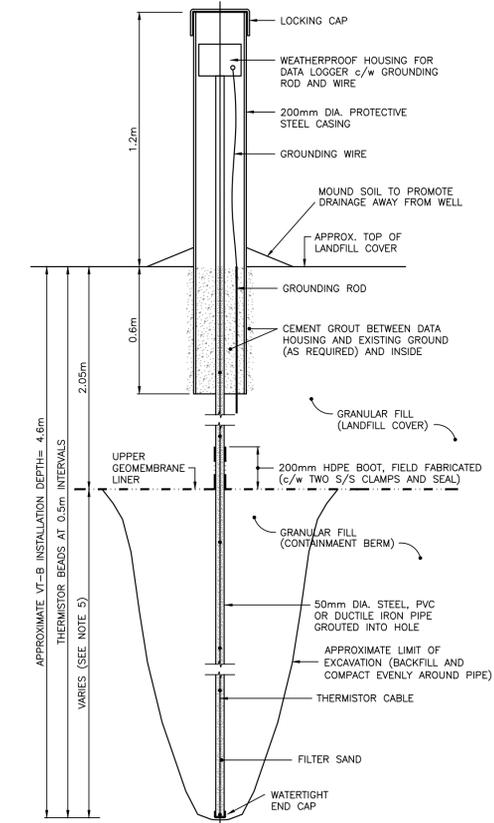
**TYPICAL MONITORING WELL / BACKGROUND MONITORING WELL DETAIL (2)**  
(FOR BEDROCK DEPTH > 0.7m)  
N.T.S.



**PLAN VIEW**

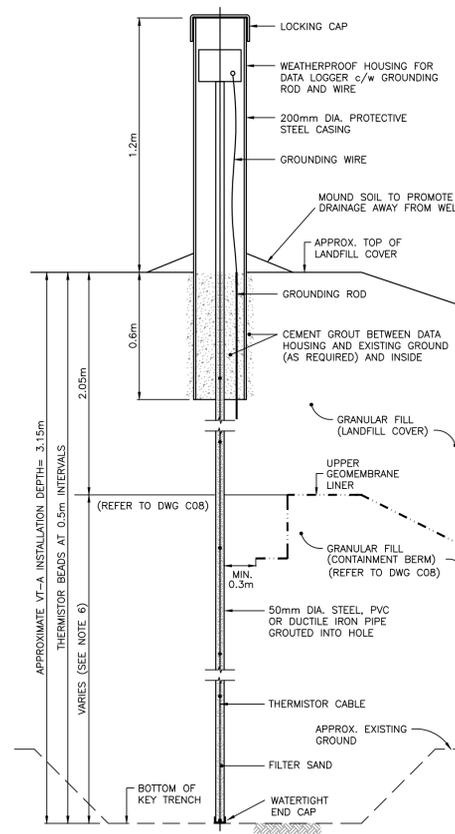


**TYPICAL PERMANENT SURVEY CONTROL MONUMENT (BENCHMARK) DETAIL (3)**  
SEE NOTE 3  
N.T.S.



**GROUND TEMPERATURE CABLE INSTALLATION - (VT-B) DETAIL (4)**  
N.T.S.

NOTE: INSTALL ALL THERMISTOR STRINGS TO BASE LINER UNLESS NOTED OTHERWISE.



**GROUND TEMPERATURE CABLE INSTALLATION - (VT-A) DETAIL (5)**  
N.T.S.