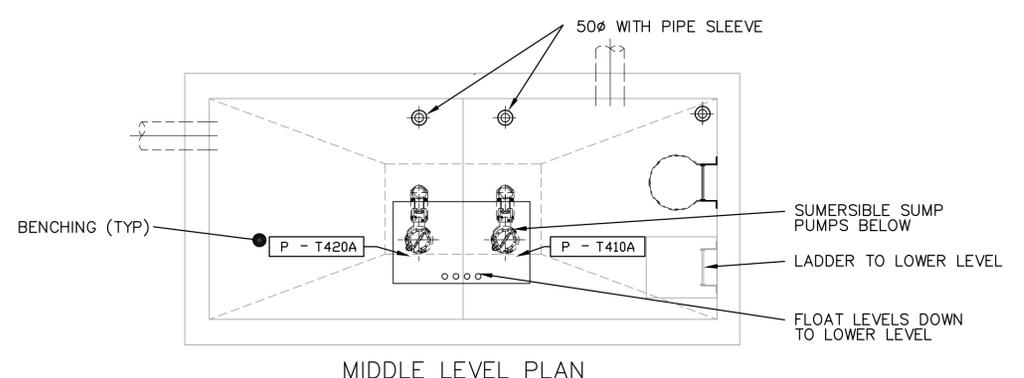
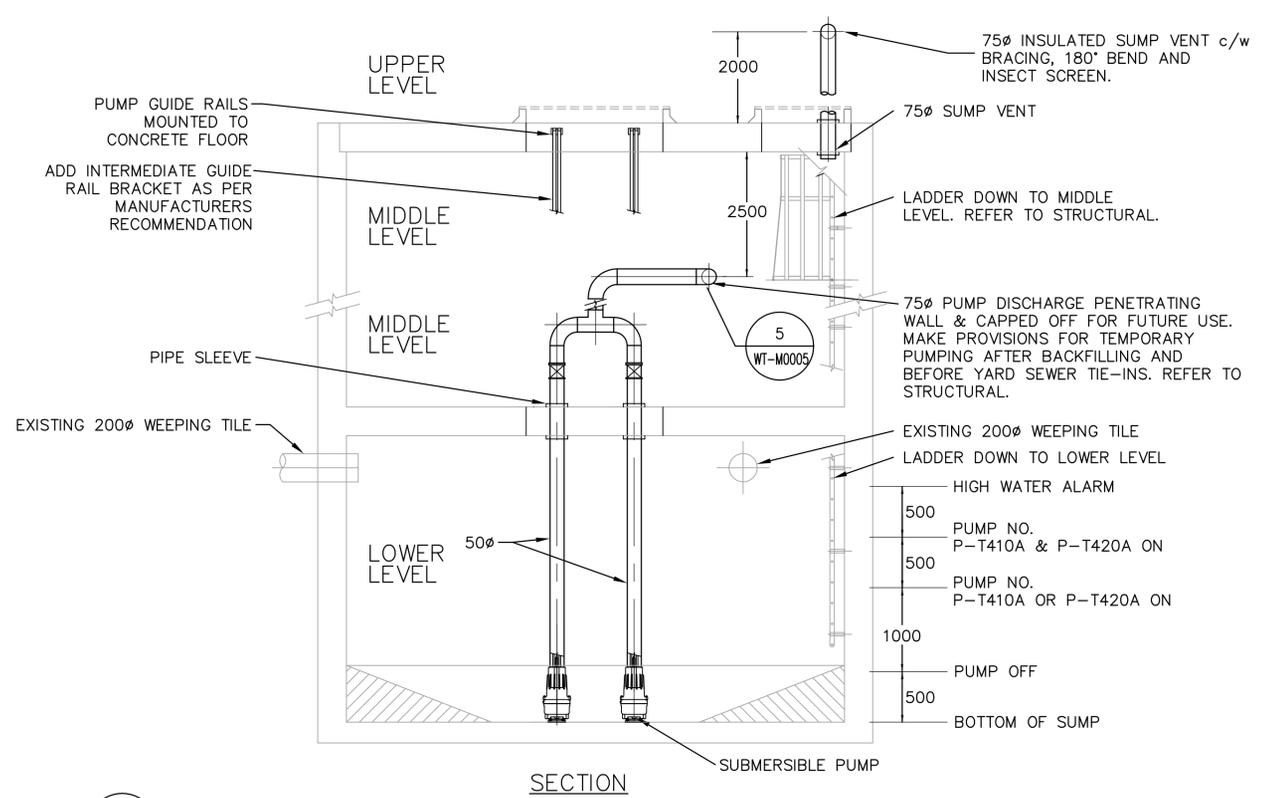


UPPER LEVEL PLAN

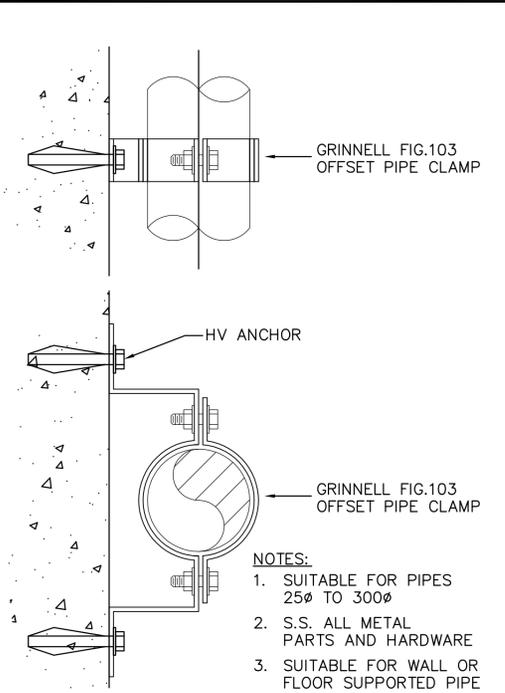


MIDDLE LEVEL PLAN

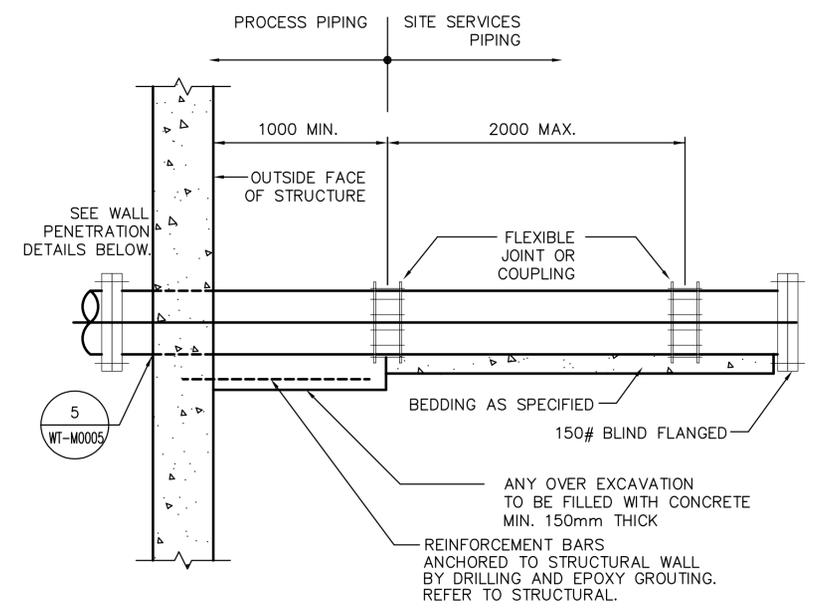


SECTION

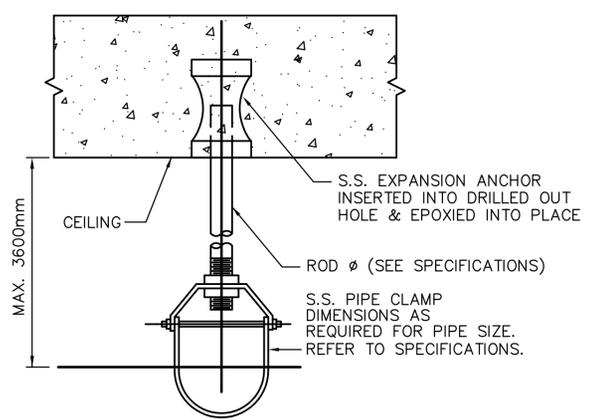
1 SUMP PUMP DETAIL
WT-M0005 N.T.S.



3 OFFSET PIPE SUPPORT DETAIL
WT-M0005 N.T.S.



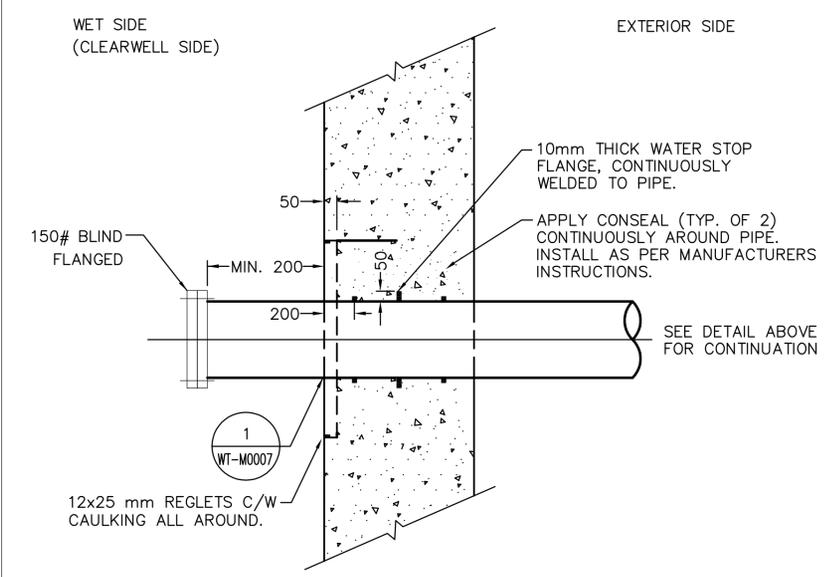
4 UNDERGROUND PIPE SUPPORT DETAIL
WT-M0005 N.T.S.



PIPE SIZE (mm)	ROD SIZE (mm)	MAX LOAD (kg)
25	9.4	280
50	9.4	280
75	12.0	510
100	16.0	800
150	20.0	1230
200	22.0	1710
250	25.0	2250
300	25.0	2250
350	25.0	2250
400	25.0	2250
450	25.0	2250
500	32.0	3630
600	32.0	3630

SAFETY FACTOR = 5
GRINNELL OR SIMILAR

2 PIPE HANGER SUPPORT DETAIL
WT-M0005 N.T.S.



- APPLICATION NOTES
- CONCRETE WALL
 - DUCTILE IRON, SS, PVC, PIPE
 - CONDITION
 - WET TO DRY
 - WET TO WET
 - INTERIOR TO EXTERIOR
 - NO TRANSVERSE MOVEMENT ALLOWED
 - LIQUID SIDE MUST PASS LEAKAGE TEST TO WHICH STRUCTURE IS SUBJECTED.
 - SAME DETAIL FOR VERTICAL OR HORIZONTAL WALL.

5 WALL PENETRATION DETAIL
WT-M0005 N.T.S.

<p>Certificate of Authorization Earth Tech Canada Inc. No. 730 Expiry: April 30, 2007</p>	B.M. ELEV.	<p>Frederickson Cooper ARCHITECTS</p>	<p>A Terra International Ltd. Company</p>	ENGINEER'S SEAL	<p>WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>				
				DESIGNED BY DC		CHECKED BY AB	ORIGINAL SIGNED BY A. BURACHYNSKY		
				DRAWN BY DC		APPROVED BY AHL	2006/08/30		
				SCALE: AS SHOWN		RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WT-M0005		
	NO. REVISIONS	DATE	BY	DATE	2005/02/11	DATE	2006/08/30	WATER TREATMENT PLANT TREATED WATER STORAGE INLET BUILDING MECHANICAL DETAILS AND SCHEMATICS	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-06011-A-M0005-001-00D