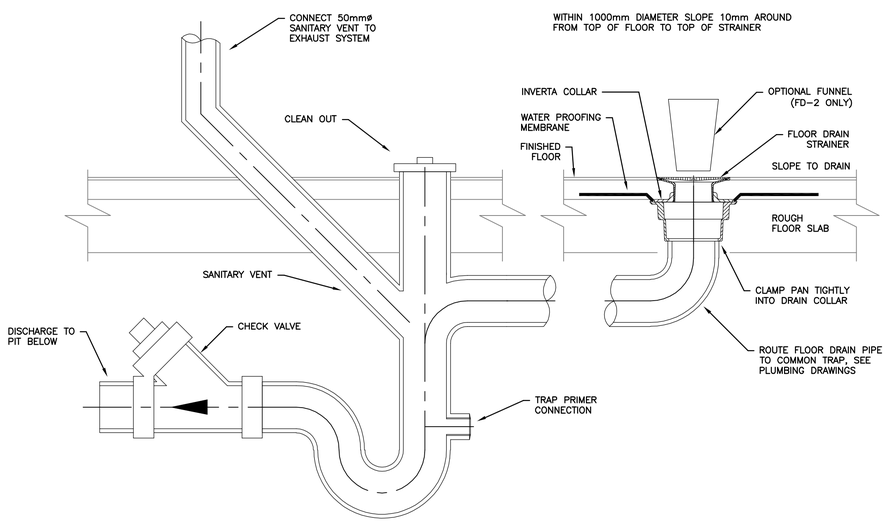
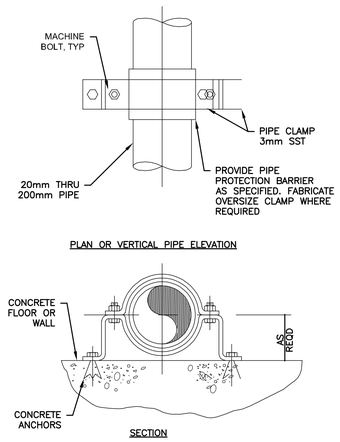
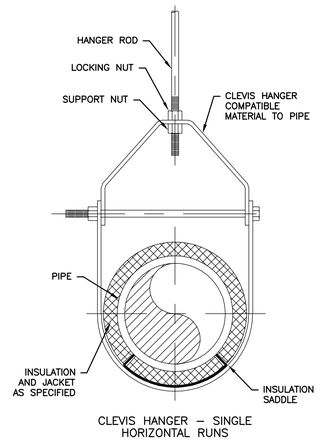


1 FLOOR DRAIN INSTALLATION DETAIL
M0003 | M0005 NTS

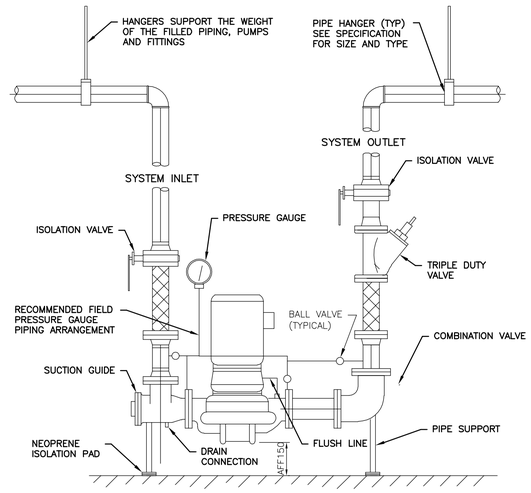


2 WALL/FLOOR MOUNTED PIPE SUPPORT DETAIL
M0003 | M0005 NTS

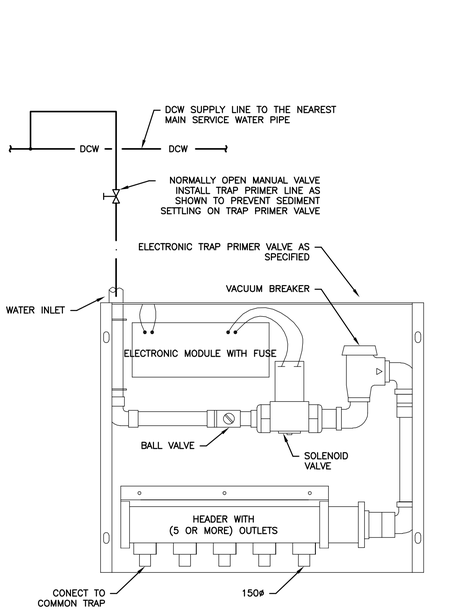


CLEVIS HANGER – SINGLE HORIZONTAL RUNS

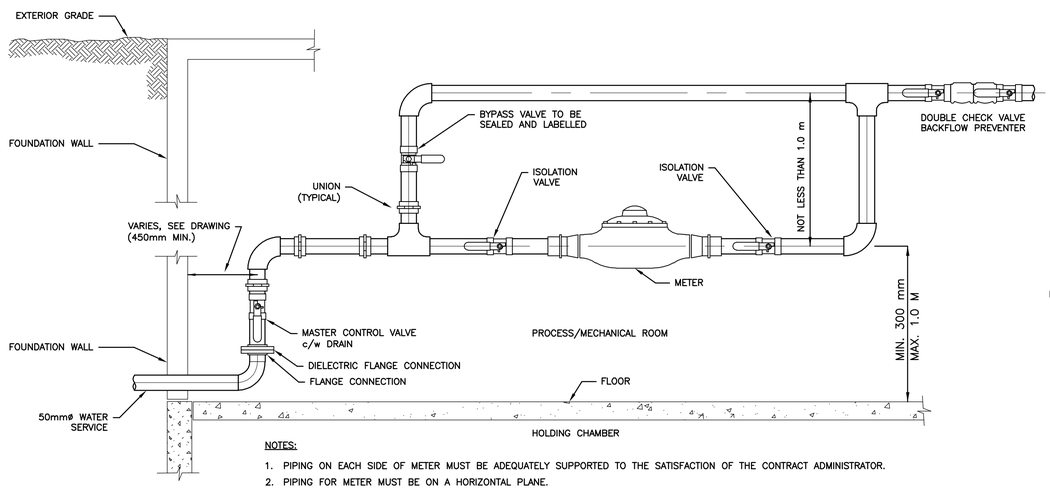
3 PIPE CLEVIS HANGER (LOWER ATTACHMENT) DETAIL
M0003 | M0005 NTS



4 HYDRONIC CIRCULATING PUMP DETAIL
M0003 | M0005 NTS



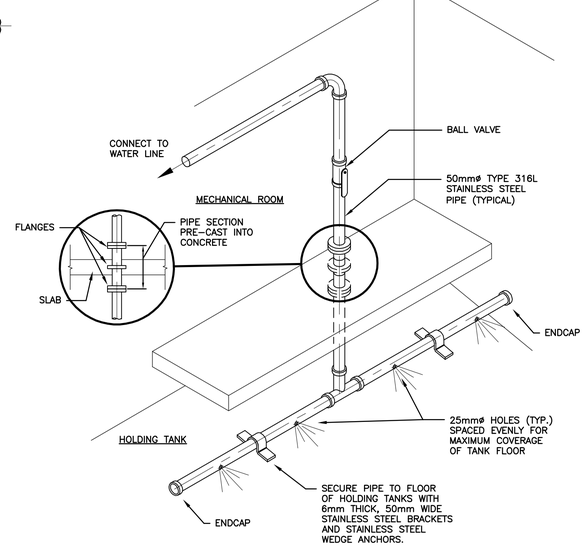
5 FLOOR DRAIN TRAP PRIMER DETAIL
M0003 | M0005 NTS



NOTES:

1. PIPING ON EACH SIDE OF METER MUST BE ADEQUATELY SUPPORTED TO THE SATISFACTION OF THE CONTRACT ADMINISTRATOR.
2. PIPING FOR METER MUST BE ON A HORIZONTAL PLANE.
3. MINIMUM DISTANCE OF 300mm BETWEEN ANY WALL AND A METER OR METER TREE.
4. VALVES ARE REQUIRED ADJACENT TO METERS.
5. THE AREA FOR 600mm IN FRONT OF THE METER SHALL BE FREE OF OBSTRUCTION TO ALLOW FOR CONVENIENT READING AND SERVICING OF THE METER.
6. METERS MUST BE INSTALLED IN THE MECHANICAL ROOM AND WITHIN REASONABLE DISTANCE OF A FLOOR DRAIN. METER LOCATIONS MUST BE APPROVED BY THE WATERWORKS DIVISION.
7. EXCEPT WHERE NOTED, ALL FITTINGS AND PIPE ARE TO BE SOLDERED COPPER.
8. ALL VALVES SHOWN SHALL BE FULL PORT BALL VALVES.
9. AN APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED IMMEDIATELY AFTER THE WATER METER SETTING.

6 WATER SERVICE ENTRY DETAIL
M0003 | M0005 NTS



7 HOLDING TANK FLUSHING PIPE DETAIL
M0003 | M0005 NTS

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

APEGM
Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Date:

B.M. ELEV.

NO.	REVISIONS	DATE	BY
A	ISSUED FOR TENDER	10.02.16	L.W.

Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204-489-5900 Fax 204-453-9012

DESIGNED BY	L.W.	CHECKED BY	A.B.
DRAWN BY	J.L.T.	APPROVED BY	A.B.
HOR. SCALE: VERTICAL:	AS NOTED	RELEASED FOR CONSTRUCTION:	
DATE	09.11.13	DATE	

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
HAULED WASTEWATER RECEIVING FACILITIES
HAULED WASTEWATER RECEIVING BUILDING
MECHANICAL DETAILS

BID OPPORTUNITY NO.	CITY DRAWING NUMBER	SHEET	OF
822-2009	1-0102A-M0005-001	1	2

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2010-02-01 05:01PM By: jbrege