



NOTES: (CONTINUED)

6. SEE DETAIL 3 DRAWING C00-00-008
 6. 5" BURNI MODEL 446-15-152 FULL PORT BALL VALVE, CS AND 150# FLANGED BODY, 316SS BALL AND SEAT, PTFE SEALS AND STAINL. 8.5" STEM EXTENSION, 5/8" CS MAR250-30-4-1134C ELECTRIC ACTUATOR, MARK 4, 30 SECOND MOTOR SPEED, CLASS 1 DRY, COMPLETE WITH HAND WHEEL.
- SUPPLIED AND INSTALLED PERME BY THE DME CONTRACTOR, CABLED AND TERMINATED BY THE ELECTRICAL CONTRACTOR
7. (2) - 2" DIA. PVC CONDENSAT AT 6" BE ENCASED IN 12" DEEP x 18" WIDE CONCRETE DUCT WITH LOCATED APPROX. 3'-0" BELOW FINISHED GRADE.
 8. USE 10 W/SPRINKLER COVER, THE STORM SEWER WELL REQUIRES AN ALTERNATIVE METHOD OF FROST PROTECTION AT THE IDENTIFIED DITCH CROSSING.

Stantec
 Capital Project
 The Contractor shall verify and be responsible for all dimensions. DO NOT start the drawing - any errors or omissions shall be reported to Stantec without delay.
 The Contractor is not responsible for any errors or omissions that may be the property of Stantec. Responsibility is not for any project other than that authorized by Stantec is forbidden.

Conditions

Legend

- STORM SEWER
- FIRE WATER MAIN
- SANITARY SEWER
- RAW WATER
- STORM SEWER MANHOLE (STORM)
- INTERMITTENT VALVE AND STAND BOX WITH THROUST BLOCK
- STORM WATER RISER
- FIRE MAIN GATE VALVE AND STAND BOX

- Notes**
1. SEE DRAWING C00-00-016 FOR ROOF WATER RUNOFF UNDERGROUND PIPING.
 2. SEE DRAWINGS P00-10-001 AND P00-10-002 FOR BELOWGROUND FLOOR COVER AND SANITARY SEWER PIPING.
 3. SEE DRAWING C00-00-004 FOR DRAINAGE FOR RETAINING WALL.
 4. SEE DRAWING P00-03-005 FOR FUEL OIL PUMP HOUSE FLOOR DRAINS.

ISSUED FOR
FINAL AS-BUILT
 AUG. 12, 2015

DESCRIPTION (RAW WATER MAIN)	NORTHING	EASTING	INV. EL.
8" RAW WATER INTERFAC	921.47	473.99	8.00
8" RAW WATER TERMINATION IN BUILDING	924.47	473.99	SEE NOTE 3

DESCRIPTION (SANITARY SEWER)	NORTHING	EASTING	INV. EL.
4" DIA. SANITARY SEWER INTERFAC	974.47	408.99	8.00

DESCRIPTION (STORM WATER MAIN)	NORTHING	EASTING	INV. EL.	7.0' FRAME	SUMP EL.
48" DIA. STORM No.1	978.08	457.24	8.00	18.40	
48" DIA. STORM No.2	978.68	508.28	7.50	15.10	
48" DIA. STORM No.3	928.38	749.60	18.30	17.28	
48" DIA. OBSERVATION MH No.1	799.85	749.60	18.30	17.28	2.50
12" DIA. WATER TERMINATION	781.48	749.60	18.40		
48" DIA. OBSERVATION MH No.2	184.11	749.60	18.70	17.00	7.75
48" DIA. STORM No.4	738.08	749.60	17.80		
48" DIA. STORM No.5	738.08	841.68	19.10	23.21	
48" DIA. STORM No.6	733.17	104.75	12.60	18.40	
12" DIA. STORM No.1	781.17	812.96	13.60	18.60	
48" DIA. STORM No.7	637.43	504.20	13.17	19.48	
6" PVC VALVE No.3	841.85	589.74	13.50	19.87	
12" DIA. STORM No.1	841.85	589.74	13.50	19.80	
48" DIA. STORM No.8	895.07	847.35	11.80	18.23	
8" DIA. RATED VALVE No.1 WITH CHAMBER	889.89	890.87	13.10	20.31	
60" CONFINEMENT TANK No. 9	688.87	833.14	14.00	22.48	
30" DIA. STORM No.10	601.89	922.14	17.73	14.80	
48" DIA. STORM No.11	705.32	570.30	13.50	19.20	11.30
12" DIA. STORM No.2	705.32	589.74	13.50	19.20	
12" DIA. STORM No.1	748.09	807.22	15.97		
12" DIA. PVC FIBER TERMINATION	777.77	853.90	18.5		

DESCRIPTION (FIRE WATER MAIN)	NORTHING	EASTING	INV. EL.
FIRE WATER INTERFAC	889.37	498.87	8.00
SEE No.1 TO 10" x 10"	882.40	498.87	8.00
8" DIA. 30" ELBOW No.1	882.40	498.87	8.00
INTERMITTENT VALVE AND STAND BOX No.1	882.40	498.87	7.83
SEE No.2 TO 10" x 10"	830.26	498.87	12.04
10" DIA. 30" ELBOW No.2	830.26	498.87	12.04
INTERMITTENT VALVE No.3	830.26	498.87	12.22
INTERMITTENT VALVE AND STAND BOX No.2	831.81	383.50	11.93
10" DIA. 45" ELBOW No.2	779.07	498.87	12.47
10" DIA. 45" ELBOW No.3	726.51	458.12	13.84
10" DIA. 150" ELBOW No.4	726.51	547.77	13.47
10" DIA. 150" ELBOW No.5	726.50	520.87	13.20
INTERMITTENT VALVE No.4	726.50	614.50	12.47
INTERMITTENT VALVE AND STAND BOX No.3	781.14	118.84	13.17
INTERMITTENT VALVE No.5	733.17	729.70	8.80
10" DIA. 200" ELBOW No.6	733.17	707.87	10.06
10" DIA. 200" ELBOW No.7	683.55	836.71	11.87
10" DIA. VALVE AND STAND BOX	683.55	836.71	11.87
10" DIA. 200" ELBOW No.6	686.73	841.81	10.97
INTERMITTENT VALVE No.6	686.73	841.81	10.97
INTERMITTENT VALVE No.8	683.55	920.10	13.91
INTERMITTENT VALVE No.9	637.54	888.87	14.75
INTERMITTENT VALVE No.10	637.54	933.88	8.00
10" DIA. 45" ELBOW No.8	631.24	258.14	17.53
INTERMITTENT VALVE AND STAND BOX No.5	631.24	1008.48	15.82
10" DIA. 45" ELBOW No.9	487.89	748.17	18.78
10" DIA. 45" ELBOW No.10	487.89	502.81	18.17
10" DIA. 45" ELBOW No.11	487.89	898.18	18.17
10" DIA. 45" ELBOW No.12	487.89	803.90	18.13
10" DIA. 45" ELBOW No.13	604.47	748.17	8.53
INTERMITTENT VALVE AND STAND BOX No.4	511.42	887.48	10.80
12" DIA. WATER RISER IN FORM BUILDING	511.42	922.84	18.17
12" DIA. WATER RISER IN FUEL BUILDING	511.42	922.84	18.17
6" PVC VALVE No.5	491.69	922.84	18.17

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NO.	DESCRIPTION	DATE	BY	CHKD
1	ISSUED FOR FINAL AS-BUILT	13/08/12		
2	ISSUED FOR CONSTRUCTION	14/03/09		
3	ISSUED FOR CONSTRUCTION	14/03/09		
4	ISSUED FOR CONSTRUCTION	14/03/09		
5	ISSUED FOR CONSTRUCTION	14/03/09		
6	ISSUED FOR CONSTRUCTION	14/03/09		
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8	ISSUED FOR CONSTRUCTION	14/03/09		
9	ISSUED FOR CONSTRUCTION	14/03/09		
10	ISSUED FOR CONSTRUCTION	14/03/09		
11	ISSUED FOR CONSTRUCTION	14/03/09		
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19	ISSUED FOR CONSTRUCTION	14/03/09		
20	ISSUED FOR CONSTRUCTION	14/03/09		



Client/Project
 PROENERGY SERVICES
 NALCOR - HOLYROOD THERMAL GENERATING STATION
 100 MW COMBUSTION TURBINE GENERATOR

NL Canada

Title
 UTILITY PLAN

Project No. 15046043 **Scale** 1"=30'
Drawing No. Sheet **Revision**
 C00-00-009 1 of 1 3