

1 SERVICING PLAN
SCALE= 1:300

PIPE CROSSING TABLE - CONTINUED ON DWG C004

CROSSING #	T/G	TOP OF WATERMAIN	STORM INVERT	SANITARY INVERT	SEPARATION (m)
1	104.61	102.20	102.71	102.17	0.51
2	104.59	101.67			0.50
3	104.38		102.59	102.37 OVERT	0.22
4	104.50	101.99	102.49		0.50
5	104.48	101.97	102.75		0.78
6	104.15	101.75	102.42		0.67
7	104.26		102.45	102.20 OVERT	0.25
8	103.57	101.17	102.57		1.40

WATER PROFILE TABLE - CONTINUED ON DWG C004

STATION (m)	DESCRIPTION - 200mm MAIN/ 150mm SERVICE	TOP OF WATERMAIN	GROUND SURFACE
1.5	EX 200x200mm TEE	101.84	104.29
2.5	EX CROSS ABOVE SANITARY SERVICE (SANITARY INVERT 100.94m)	101.84	104.29
5.0	200mm VALVE AND BOX	101.81	104.32
55.6	200x200mm TEE	102.11	104.51
64.0	CROSS BELOW PROPOSED SANITARY (SANITARY INV. 102.17)	101.67	104.50
76.3	45° HORIZONTAL BEND	102.30	104.55
90.4	45° HORIZONTAL BEND	102.20	104.65
99.9	CROSS BELOW EXISTING STORM (STORM INV. 102.49)	101.99	104.50
104.5	CROSS BELOW EXISTING STORM (STORM INV. 102.75)	101.97	104.48
144.3	CROSS BELOW EXISTING STORM (STORM INV. 102.42)	101.75	104.15
171.6	CROSS BELOW EXISTING STORM (STORM INV. 102.57)	101.17	103.57

STORM SEWER INVERTS AND INSULATION

STATUS	FROM	TO	UPSTREAM INVERT (m)	DOWNSTREAM INVERT (m)	INSULATION THICKNESS (mm)
	CBMH 18	CBMH 13	102.20	102.200	50
	CBMH 13	CBMH 12	102.140	101.576	50
	CBMH 12	CBMH 10	101.576	101.302	50
	DCB 16	STMH 8	101.996	101.839	100
	BLDG	STMH 8	102.400	101.839	
	STMH 8	STMH 9	101.549	101.459	50
	STMH 9	CBMH 10	101.459	101.302	50
	CBMH 10	STMH 1	101.302	100.908	50
	CBMH 17	CBMH 16	102.955	102.384	50
	CBMH 16	CBMH 15	102.294	101.859	100
REVISED	CBMH 15	STMH 17-2	101.859	101.724	100
REVISED	CB 14	CBMH 17-1	101.961	101.746	100
	CBMH 6	STMH 5	102.028	101.816	50
	STMH 5	STMH 3	101.816	101.221	50
	STMH 3	CBMH 2	101.221	101.048	100
	CBMH 2	STMH 1	101.048	100.908	
	STMH 1	OUTLET	100.888		
NEW	CBMH 17-4	CBMH 17-2	102.20	102.060	100
NEW	CB 17-7	MAIN	102.43	102.26	100
NEW	CBMH 17-2	CBMH 17-3	101.664	101.607	100
NEW	CBMH 17-3	STMH 17-1	101.604	101.450	100
NEW	STMH 17-1	STMH 3	101.375	101.302	50
NEW	CB 17-8	MAIN	101.97	101.73	100
NEW	CB 17-9	CBMH 2	101.83	101.665	100
NEW	CS 17-1	MAIN	101.87	101.74	100

MANHOLE AND CATCH BASIN SIZES

	DIAMETER (mm)	OPSD REFERENCE
STMH 1	2400	701.013
CBMH 2	1800	701.012
STMH 3	1800	701.012
STMH 5	1200	701.010
CBMH 6	1200	701.010
STMH 8	1200	701.010
STMH 9	1500	701.011
CBMH 10	1800	701.012
CBMH 12	1200	701.010
CBMH 13	1200	701.010
CBMH 15	1200	701.010
CBMH 16	1200	701.010
CBMH 17	1200	701.010
CBMH 18	1200	701.010
STMH 17-1	1800	701.012
STMH 17-2	1500	701.011
CBMH 17-3	1200	701.010

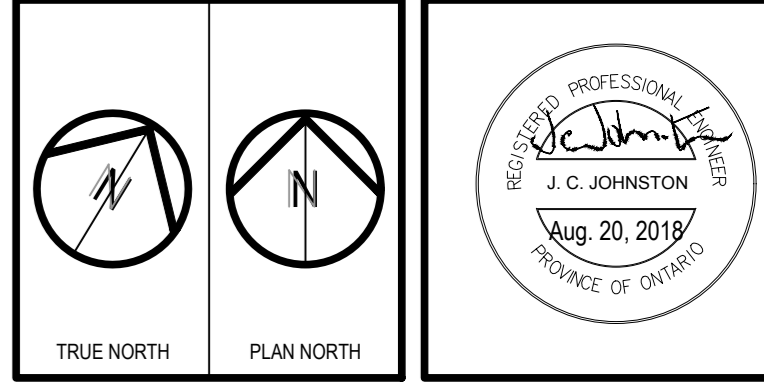
100% RAIN COB 24 ARE 600x1600mm AS PER OPSD 705.020 ALL SINGLE CATCH BASINS ARE 600 x 600mm AS PER OPSD 705.010



REV.	DATE	ISSUE
1	2018-01-23	SITE PLAN REVISION
2	2018-01-30	ISSUED FOR REVIEW
3	2018-02-05	ISSUED FOR SITE PLAN CONTROL
4	2018-03-08	RE-ISSUED FOR SITE PLAN CONTROL
5	2018-05-04	RE-ISSUED FOR BUILDING PERMIT
6	2018-05-17	ISSUED FOR TENDER
7	2018-06-05	BOUNDARY FOR 20.21.22
8	2018-07-20	ISSUED FOR SITE PLAN CONTROL
9	2018-08-09	REISSUED FOR SITE PLAN CONTROL

LEGEND

- EXISTING GRADE ELEVATION
- EXISTING STORM MANHOLE
- EXISTING CATCH BASIN
- EXISTING SANITARY MANHOLE
- EXISTING VALVE AND BOX
- EXISTING FIRE HYDRANT
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- EXISTING STORM TO BE REMOVED
- EXISTING SUBURBAN TO BE REMOVED
- EXISTING STORM MANHOLE TO BE REMOVED
- EXISTING CATCH BASIN TO BE REMOVED
- EXISTING LANDSCAPE CATCH BASIN TO BE REMOVED
- PROPOSED TOP OF GRATE
- PROPOSED TOP AND BOTTOM OF CURB
- PROPOSED GRADE SLOPE
- PROPOSED LANDSCAPE CATCH BASIN
- PROPOSED STORM MANHOLE
- PROPOSED STORM CATCH BASIN
- PROPOSED STORM CATCH BASIN MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- PROPOSED VALVE AND BOX
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- NEW WATER METER FOR DOME
- NEW REMOTE READOUT FOR WATER METER
- DRAINAGE SUB-AREA BOUNDARY
- PONDING LIMIT
- PROPOSED CLAY DYKE



PROJECT TITRE/TITRE DU PROJET
ÉCOLE SECONDAIRE CATHOLIQUE PAUL-DESMARAIS - DOME
5315 ABBOTT STREET
OTTAWA, ON

CONSEIL DES ÉCOLES CATHOLIQUES DE DU CENTRE-EST
4000, RUE LABELLE, OTTAWA, ON K1J 1A1

DRAWING TITRE/TITRE DU DESSIN
NEW SERVICING PLAN
SOUTH SECTOR

SCALE: AS NOTED
Echelle: AS NOTED

DRAWN BY: B.N.
Dessiné par: B.N.

CHECKED BY: J.J.
Vérifié par: J.J.

DATE: October 13, 2017
ACAD FILE/FICHE: 170629403.003.016

REV. NO. 10
10

C005

APPROVED
By Derrick Moodie at 12:07 pm, Sep 10, 2018

Derrick Moodie
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