

8. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.

9. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

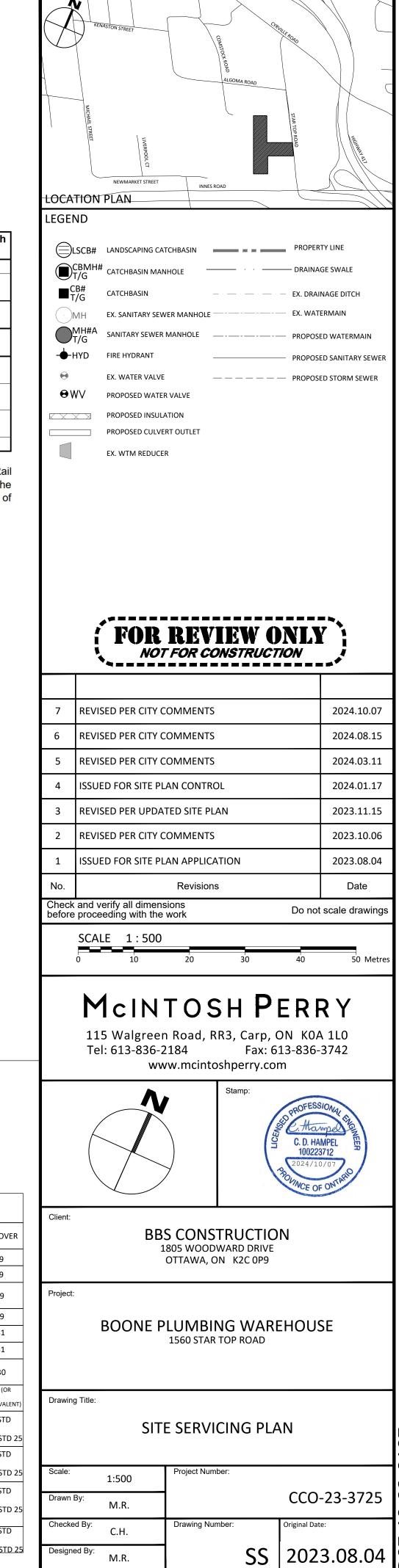
l Insulation Reco over Soil Cover		ns for Storm Sewer Pipes with Insulation Dimensions	
Provided	Thickness	Extension	
(mm)	(mm)	(mm)	T/G
600 to 900	125	Extend 1200 mm horizontally beyond edge face of the sewer	·MI
900 to 1200	100	Extend 1200 mm horizontally beyond edge face of the sewer	
1200 to 1500	75	Extend 900 mm horizontally beyond edge face of the sewer	- ● -НҮ ↔
1500 to 1800	50	Extend 600 mm horizontally beyond edge face of the sewer	€₩∖
1800 to <2100	25	Extend 300 mm horizontally beyond edge face of the sewer	
s are based on a fr	eezing index	of 1000°C-days	
alent approved by I	Paterson. The	mical High-Load 40 (HI-40), Styro Rail e placement of all insulation within the by Paterson personnel at the time of	6

WATER COVER TABLE

LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER
WATERMAIN CONNECTION	0+100.00	66.23	64.00	2.23
VALVE	0+114.39	66.23	64.00	2.23
BUILDING	0+163.72	67.70	64.50	3.20

CROSSING CONFLICT TABLE

LOCATION	DESCRIPTION	SEPARATION
1	200mmØ STM SERVICE INV 64.70 200mmØ SAN MAIN TOP 64.00	0.70
2	250mmØ STM SERVICE INV 64.70 200mmØ SAN MAIN TOP 64.05	0.65
3	250mmØ STM SERVICE INV = 64.83 200mmØ WTR MAIN TOP = 64.00	0.83
4	250mmØ STM SERVICE INV 64.85 200mmØ SAN MAIN TOP 64.45 450mmØ STM SERVICE INV = 64.86	0.40
5	450mmØ STM SERVICE INV = 64.86 200mmØ WTR MAIN TOP = 64.10	0.76



STORM STRUCTURE TABLE					
OP OF GRATE ELEVATION	INVERTS	STRUCTURE SIZE	STRUCTURE TYPE	FRAME & COVER	
66.05	SE. OUT = 64.92	600mm X 600mm	OPSD 705.010	CITY STD S19	
66.05	NW. OUT = 64.94	600mm X 600mm	OPSD 705.010	CITY STD S19	
66.85	S. IN = 65.59 N. OUT = 65.50	600mm X 600mm	OPSD 705.010	CITY STD S19	
65.50	NW. OUT = 64.78	600mm X 600mm	OPSD 705.010	CITY STD S19	
66.31	N. OUT = 65.55	300mmØ	CITY STD S31	CITY STD S31	
67.55	E. OUT = 66.18	300mmØ	CITY STD S31	CITY STD S31	
66.86	W. IN = 65.75 N. OUT = 65.70	300mmØ	CITY STD S30	CITY STD S30	
65.83	W. IN = 64.56 NE. OUT = 64.55	3000mmØ	STORMCEPTOR EFO10(OR APPROVED EQUIVALENT)	OPSD 401.040 /A (OR MANUFACTURER APPROVED EQUIVALENT)	
66.48	SE. IN = 64.83 NW. IN = 64.83 NE. OUT = 64.76	1200mmØ	OPSD 701.010	COVER CITY STD S24.1 FRAME CITY STD 25	
66.41	S. IN = 65.11 NE. OUT = 65.00 SW. OUT = 65.24	1200mmØ	OPSD 701.010	COVER CITY STD S24.1 FRAME CITY STD 25	
65.80	SW. IN = 64.68 SW. IN = 64.68 SE. IN = 64.68 NE. OUT = 64.67	1200mmØ	OPSD 701.010	COVER CITY STD S24.1 FRAME CITY STD 25	
65.89	SW. IN = 64.59 E. OUT = 64.57	1200mmØ	OPSD 701.010	COVER CITY STD S24.1 FRAME CITY STD 25	

Designed By:

M.R.