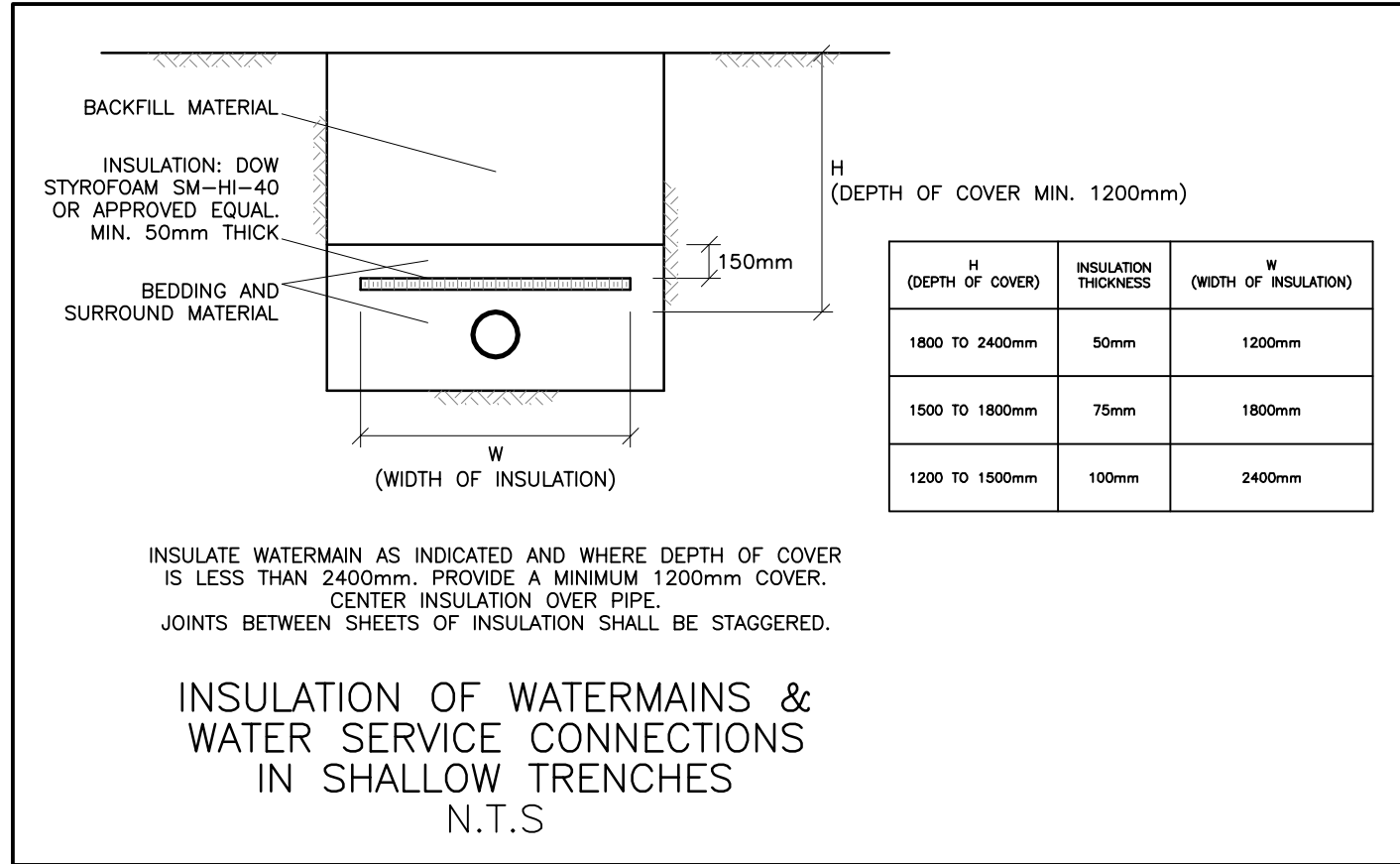
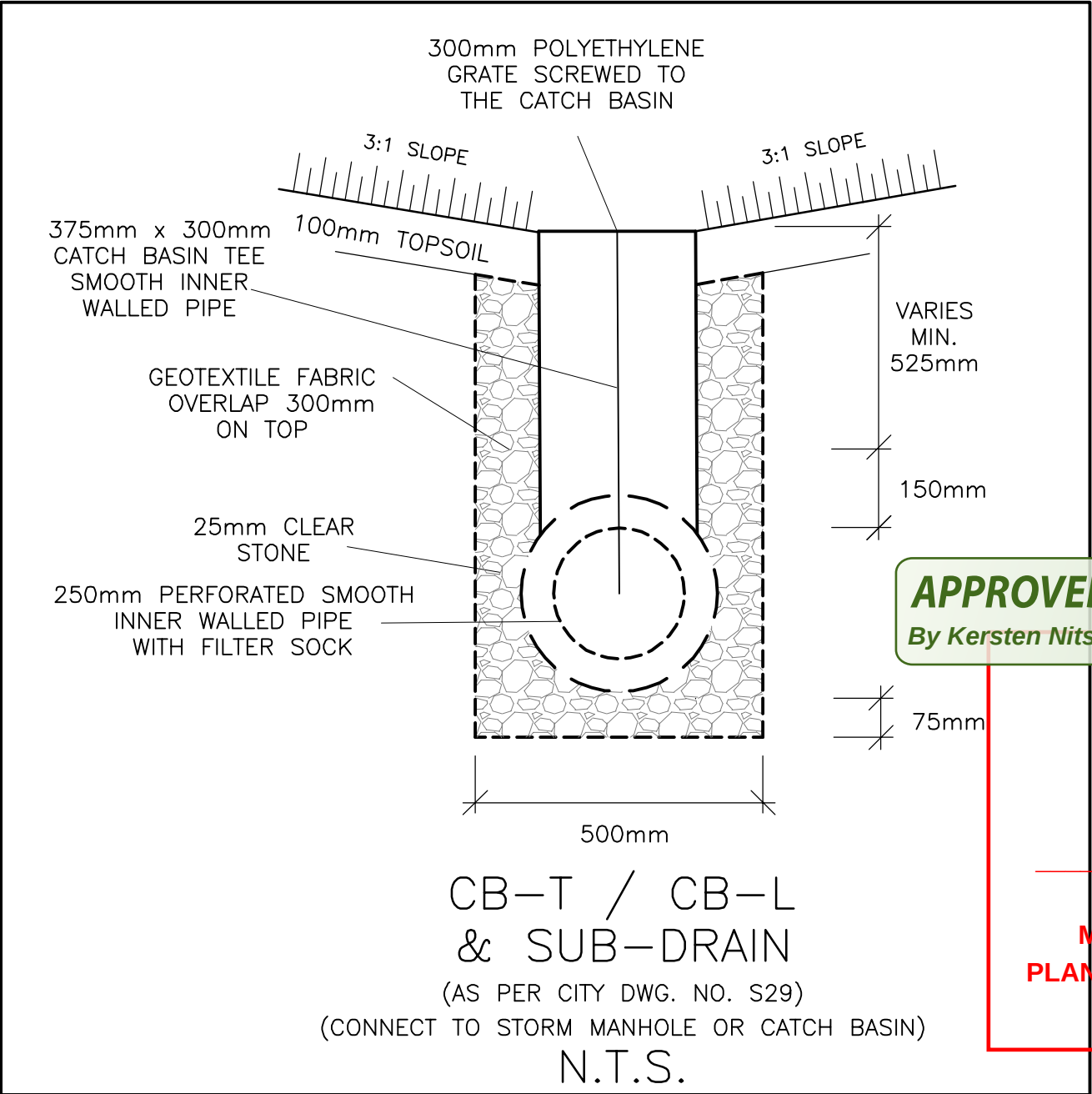
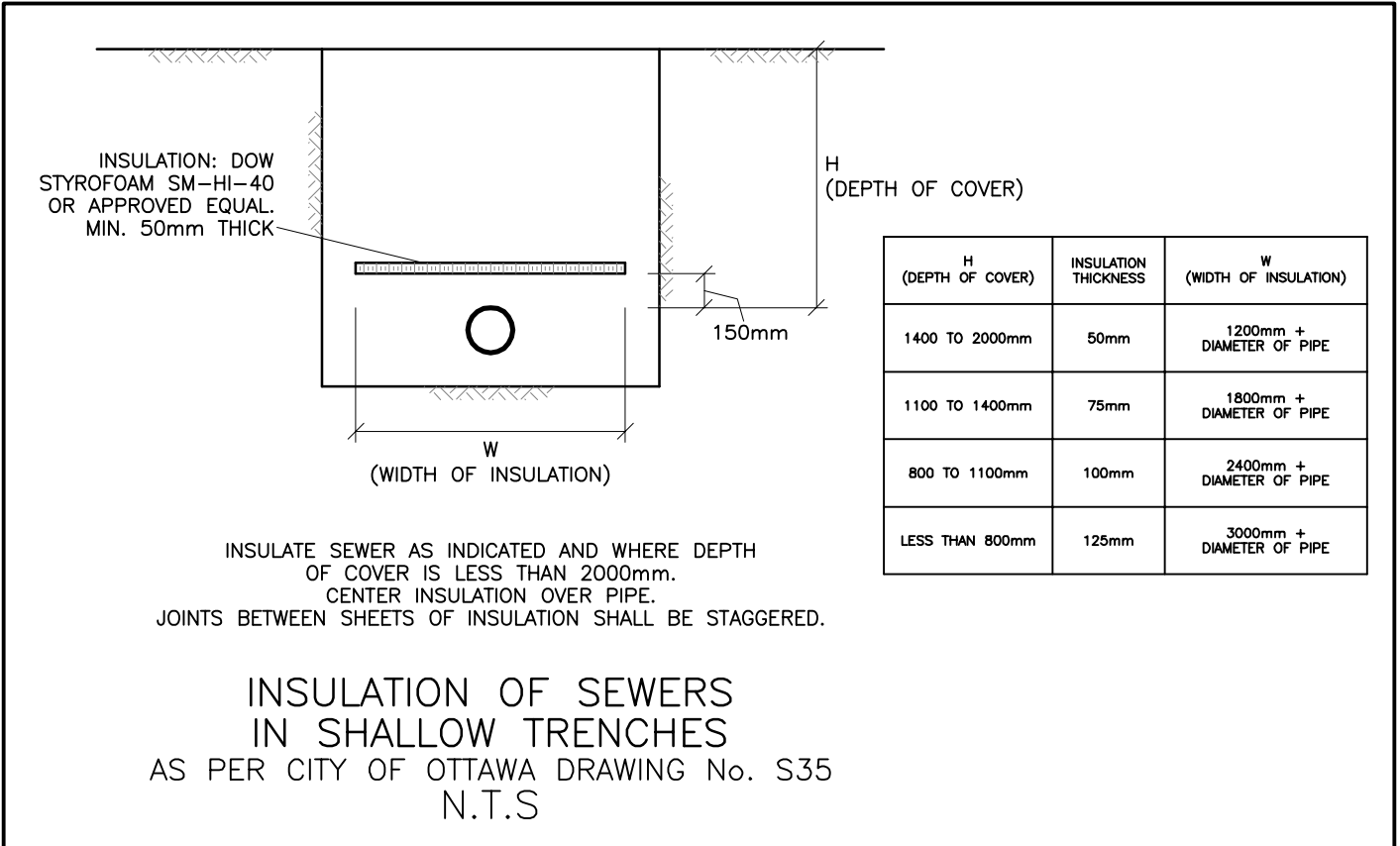
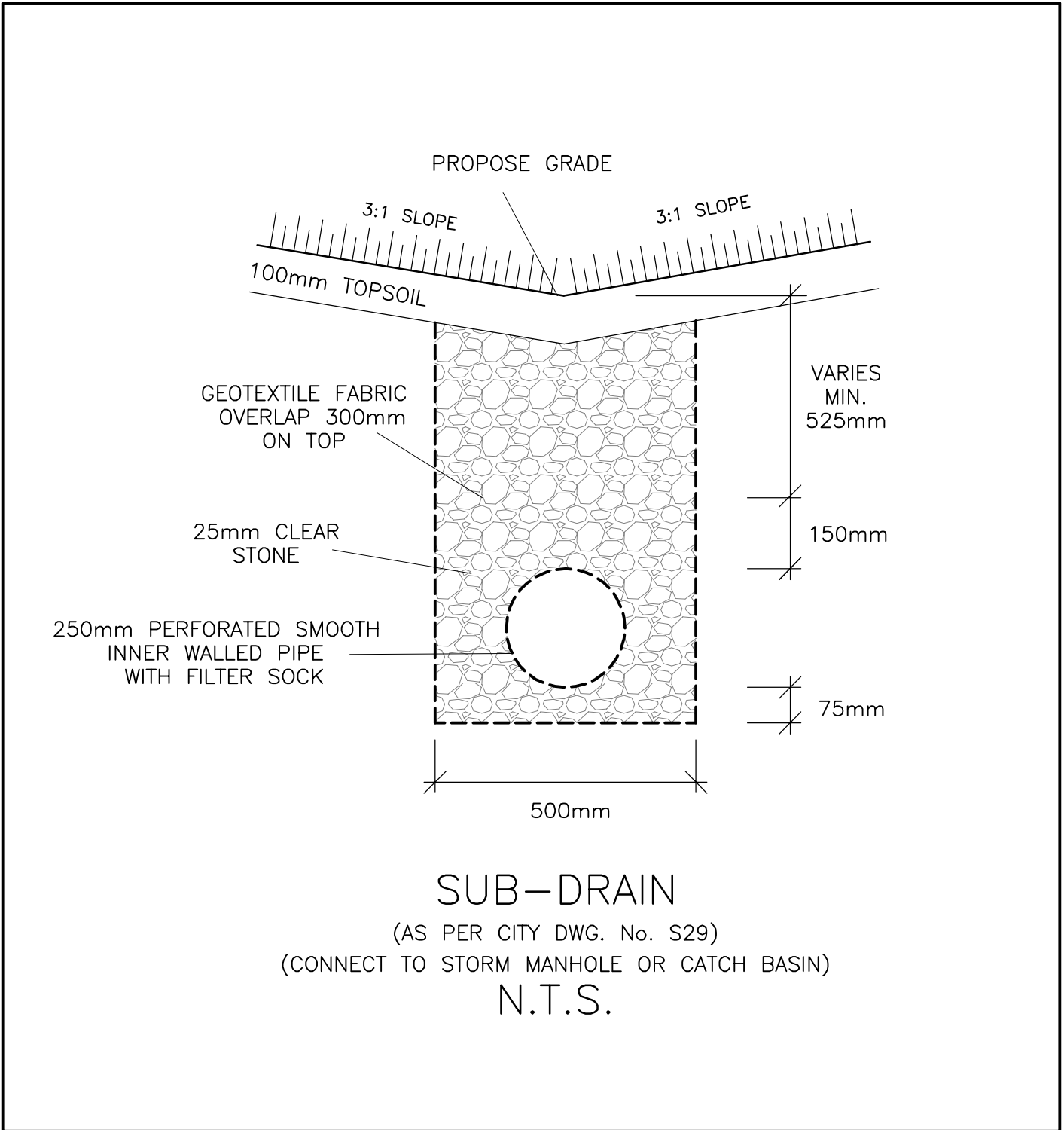


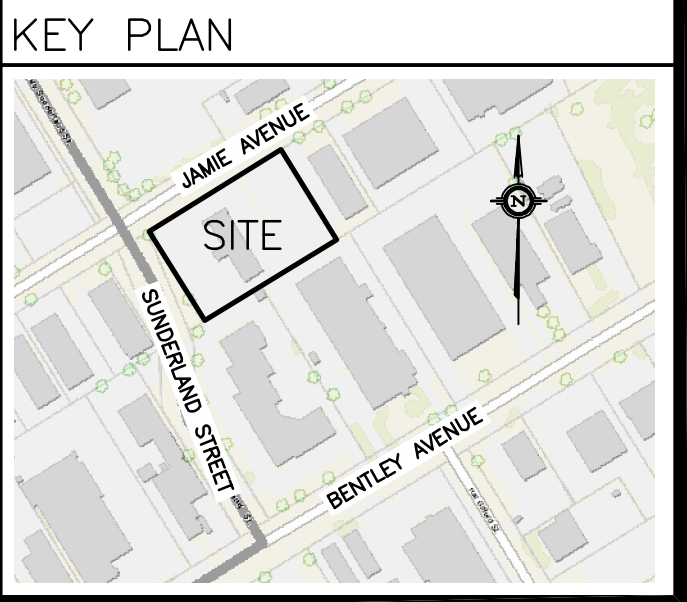


WATER SERVICE PROFILE TABLE					
DIAMETER/MATERIAL: 50mm PEX TUBING TO AWWA C-904 SDR 9 (CTS)					
STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
0+00.0	TVS CONNECTION TO 300mm MUNICIPAL WATERMAIN AS PER CITY OF OTTAWA DRAWING No. W33	±88.32	±86.18	±2.14	START OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
0+02.3	-	±88.27	86.13	2.14	BOTTOM OF CURB
0+06.9	50mm CURB STOP & SERVICE POST TO CITY OF OTTAWA STANDARDS	±88.66	86.04	2.62	END OF 50mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22 ON PROPERTY LINE
0+08.3	-	88.44	86.04	2.40	BOTTOM OF SWALE
0+10.7	-	88.50	86.10	2.40	CROSSING 300 ST INV 86.81 WM TOP 86.10 - 710mm CLEARANCE (MIN. 500mm REQ'D)
0+19.2	-	88.64	86.24	2.40	CROSSING 150 SAN INV 87.33 WM TOP 86.24 - 1090mm CLEARANCE (MIN. 500mm REQ'D)
0+25.5	-	88.64	86.24	2.40	CROSSING 250 ST INV 86.87 WM TOP 86.10 - 770mm CLEARANCE (MIN. 500mm REQ'D)
0+26.8	-	88.64	86.24	2.40	CROSSING 150 SAN INV 87.36 WM TOP 86.24 - 1120mm CLEARANCE (MIN. 500mm REQ'D)
0+30.9	-	88.75	86.35	2.40	ENTRY INTO BUILDING



CATCH BASIN & MANHOLE SCHEDULE (SUBMIT SHOP DRAWINGS OF ALL CATCH BASINS & MANHOLES TO ENGINEER FOR APPROVAL)						
REF	TOP	SIZE	TYPE	INVERT AT INLET	INVERT AT OUTLET	NOTES
STORM SEWER						
CB-1	88.64	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	87.41	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB-2	88.64	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	87.33	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-3	88.64	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	87.27(NE)	87.27(SW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-4	88.64	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	87.22(NE)	87.22(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-5	88.46	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	87.13(E)	88.13(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-6	88.46	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	87.06(SE)	88.06(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-7	88.23	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	86.98	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-8	88.33	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.96(SE) 86.96(W)	86.96(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-9	88.69	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	86.94	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-10	88.63	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.90(SW)	86.90(N)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-11	88.42	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.84(SE) 86.84(SW)	86.84(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-12	88.31	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	86.99	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-13	88.31	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.91(NE)	86.91(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-14	88.31	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	86.89	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-15	88.31	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.81(SE) 86.81(NE)	86.81(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-16	88.51	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	86.76(E) 86.76(SW)	86.76(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010 ICD IN OUTLET PIPE
MH-17	88.46	CDS PMSU2015-4	PRECAST CONCRETE MANHOLE	86.75(SE)	86.74(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS EXCEPT WITH A DEEP SUMP AS REQUIRED BY CDS
SANITARY SEWER						
MH-SA.1	88.68	1200mm	PRECAST CONCRETE MANHOLE	87.24(SE) 87.24(W)	86.77(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & WATERTIGHT COVER TO OPSD 401.030

LEGEND	
FFL	FIRST FLOOR ELEVATION
TOF	TOP OF FOUNDATION
USF	UNDERSIDE OF FOOTING
---	PROPERTY LINE
CB	CATCH BASIN
MH	STORM MANHOLE
CB/MH	CATCH BASIN/MANHOLE
MH	SANITARY MANHOLE
VC	VALVE CHAMBER
FH	FIRE HYDRANT
VB	VALVE & VALVE BOX
(M)	WATER METER
(R)	REMOTE WATER METER
SAN	SANITARY SEWER
ST	STORM SEWER
VS/WM	WATER SERVICE/WATERMAIN
OBV	OVERT OF PIPE
SPL	SPRINGLINE OF PIPE
INV	INVERT OF PIPE
	ROAD CUT REINSTATEMENT



3	OCT 3-25	RE-ISSUED FOR APPROVAL
2	JUN 9-25	ISSUED FOR APPROVAL
1	MAY 7-25	ISSUED FOR COORDINATION
No.	DATE	REVISION

D.B. GRAY ENGINEERING INC.
Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain
700 Long Point Circle
Ottawa, Ontario
613-425-8044
d.gray@dbgrayengineering.com

Project
PROPOSED 2-STORY ADDITION
64 JAMIE AVENUE
OTTAWA, ONTARIO

Drawing Title
DETAILS, SCHEDULES, AND EXISTING CONDITIONS, REMOVALS & ABANDONMENT PLAN

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
OCT 3-25
PROVINCE OF ONTARIO

NOT VALID UNLESS SIGNED & DATED

Drawn D.B.G.
H. Scale
V. Scale
Date MAY 7-25
Job No. 25015

Drawing No.
C-4
of 6

