

REVISION DATE BY

	/	MINA		16 ANT	RD
	$ \rangle$			BANK S	(HWY 31)
	,    \	AL IND CO THE WAY		R R R R R R R R R R R R R R R R R R R	
		A HEAR BARR BAR	RANEN	PINNUD P	OR
	、			Mac Feet (3	GOGA CAROUSEL
		DEER BA		Far Fequor M	MOZARI
			¥		
,		Del Marine He		SITE	BENCHMARK RENCED TO LOCAL
IORTH			AL.	GEOD	V: 94.49
		I.T.S.	HYD VC &	EXISITING WATERM	AIN VALV E CHAMBER
<u>LEGEND</u>	PROPOSED	PROPERTY LINE	-Q VB	EXISITING WATERM VALVE BOX EXISTING WATERMA	
$ \otimes^{\mathcal{VB}}$	PROPOSED		VB	EXISTING HYDRANT & SHUT OFF VALVE	C/W LEAD
0		STORM MANHOLE SANITARY SEWER	GV 🚱	EXISTING GAS VALV EXISTING GAS MAIN	
		FOUNDATION DRAIN	——————————————————————————————————————	EXISTING ABANDON	
		JND PARKING LIMITS	——————————————————————————————————————	EXISTING BELL CON EXISTING OVER HEA	
		STORM SEWER STORM TRENCH DRAIN	 	EXISTING HYDRO/UT	
	PROPOSED			EXISTING GUY WIRE EXISTING TRAFFIC N	
SIB/		EGAL ADJACENT LINE TANDARD IRON BAR / DINT		EXISTING JOINT USE	
● ► 	EXISITING F	DINT LOW DIRECTION OF SEWERS ANITARY MANHOLE & SEWER	O <sub>LS</sub> O	EXISTING STREET L. EXISTING TRAFFIC F	
<u>150</u> 0m <u>mØ</u>		ANITARY MANHOLE & SEWER TORM MANHOLE & SEWER		EXISTING TRAFFIC S	
CB . EWER NOTES:	EXISITING C.	ATCH BASIN	DICB	EXISITING DITCH INL CATCH BASIN	ET
SPECIFICATIONS:					
<u>ITEM</u> CATCHBASIN (600x600 STORM / SANITARY M		<u>SPEC. No.</u> 705.010 Ø) 701.010	REFERENCE OPSD OPSD		
CB, FRAME & COVER STORM / SANITARY M SEWER TRENCH - BEI			OPSD OPSD		
COVER (C WITH MA)	GRANULAR A C	DR GRANULAR B TYPE I, CLE SIZE=25mm)			
STORM SEWER SANITARY SEWER CATCHBASIN LEAD		PVC DR 35 PVC DR 35 PVC DR 35			
		THAVE LESS THAN 1.5m COVER N ROVIDE 150mm CLEARANCE BETN			
INSULATION.					
MINIMUM SLOPE OF 1.0	%.	D TO 1.0m FROM FACE OF BUILDI			
	OR MAXIMUM	L ARE TO BE COMPACTED TO AT DRY DENSITY. THE USE OF CLE NOT BE PERMITTED.			
		RED FOR CONNECTING PIPES T SITIVE SEAL AND DURASEAL). T			
CRADLE FOR THE PIPE	CAN BE ELIMI	,			
FIELD TESTS FOR QUAI SHALL BE COMPLETED	LITY CONTROL IN ACCORDAN	OF ALL SANITARY SEWERS. LEANCE WITH OPSS 410.07.16, 410.0	AKAGE TESTING 7.16.04 AND		
CONFIRM PROPER CON	NECTION TO	MPLETED ON ALL SANITARY SER THE SANITARY SEWER MAIN. TH ENCE OF A CERTIFIED PROFESS	E FIELD TESTS		
		RTIFIED COPY OF THE TEST RES			
INDICATED.		ALL PROPOSED SEWERS, 200mm			
PRIOR TO BASE COURS	SE ASPHALT. L	JPON COMPLETION OF CONTRAC LUSH AND CLEAN ALL SEWERS &	CT, THE		
WATERMAIN N	OTES:				
. SPECIFICATIONS:		6550 N		_	
<u>ITEM</u> WATERMAIN TRENC THERMAL INSULATI		SPEC. No. W17 W TRENCHES W22	<u>REFERENC</u> CITY OF OT CITY OF OT	TAWA	
WATERMAIN CROSS WATERMAIN	SING BELOW S		CITY OF OT		
OTTAWA STANDARDS ALL WATERMAINS BY	S AND SPECIFI THE CONTRA	TERMAINS AND APPURTENANCES ICATIONS. EXCAVATION, INSTALL ICTOR. CONNECTIONS AND SHU STEM SHALL BE PERFORMED BY	ATION, BACKFILL AN T-OFFS AT THE MAIN	D RESTORATION OF	
		4m DEPTH BELOW GRADE UNLES		ATED.	
		ICE BETWEEN OUTSIDE OF PIPE			
OTHERWISE INDICAT	ED.				
MATER DEMAND HAS MANAGEMENT REPORT MANAGEMENT REPORT		ILATED AND INCLUDED IN THE "S D BY NOVATECH	NOTE:	MWATER	N OF
3+				AND UTILITIES AR	
9+		740 	BEFORE STAR	<u>.</u> TING WORK, DETE ON OF ALL SUCH	
4+ <u>+100YR LEV</u>	VEL=92.04			AND ASSUME ALL	
1600		1800		TO ADJUST ANY	
		250	VALVES OR C	VERS, WATERMAIN THER MANHOLE (	COVERS IN
			CONSTRUCTE	NSTRUCTION TO I	IONS.
IREMENT HOM SCALE: 1:		R STORAGE TANK	WITHIN THE A	E STRUCTURES NO REA OF CONSTRU AND ENGINEER T	CTION ALSO TO
		LOCATION			
		CITY OF OTTAWA HUNT CLUB DE	/ELOPMENT		
NOVATE		DRAWING NAME			PROJECT No.
uite 200, 240 Michael Cov Ottawa, Ontario, Canada	vpland Drive				117036-00 REV
elephone (6	513) 254-9643 513) 254-5867	GENERAL PLA PHASE 1	N OF SER\	/ICES	REV # 2
	tech-eng.com				
		1			117036-GP1