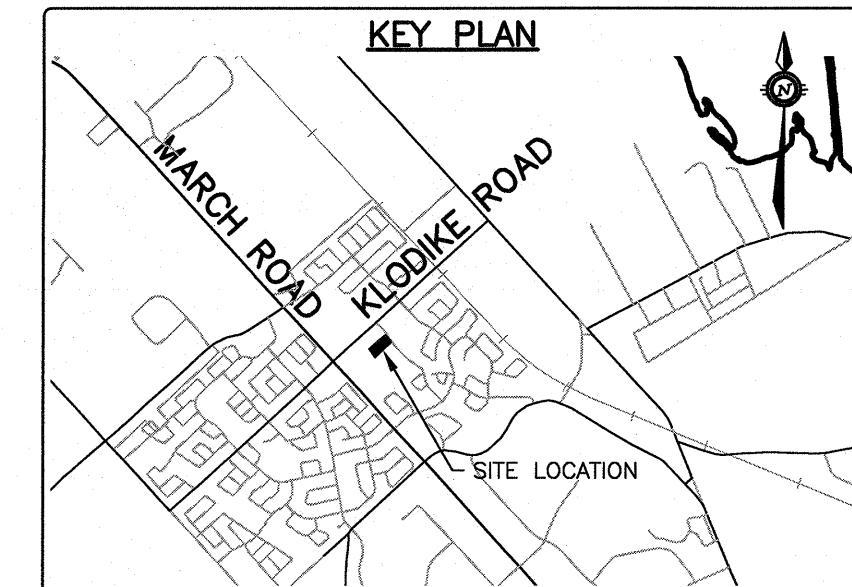
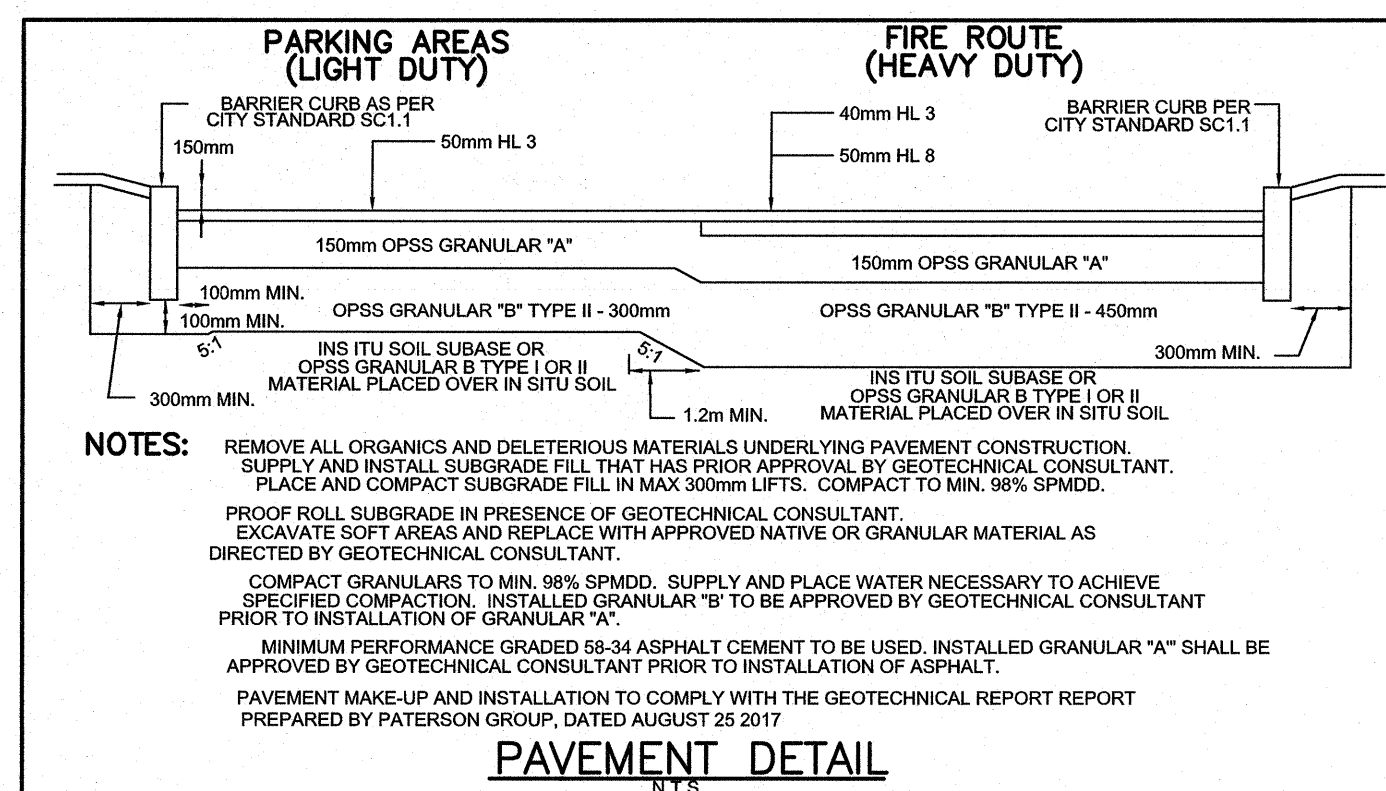


1. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION PURPOSES.
2. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
3. ALL SIDEWALK TO HAVE 2% SLOPE AWAY FROM BUILDINGS WHERE APPLICABLE.
4. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCHBASIN OUTLETS ARE PROVIDED.
5. STRIP AND REMOVE ALL TOPSOIL FROM IMPROVED AREAS.
6. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
7. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAWCUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT.
8. CURBS TO BE AS PER CITY OF OTTAWA STANDARD SC1.1
9. CONTRACTOR IS TO COMPLY WITH CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING WITHIN MUNICIPAL RADIUS OF WAYS.
10. RESTORE PAVEMENT STRUCTURE AND SURFACES ON EXISTING ROADS TO A CONDITION AT LEAST EQUAL TO ORIGINAL, ADD TO THE EXISTING ROAD TO A HIGHER STANDARD AUTHORITY.
11. ALL MATERIAL SUPPLIED AND PLACED FOR PARKING LOT AND ACCESS ROAD CONSTRUCTION SHALL BE TO OPSS STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
(CONSTRUCTION OPSS 206, 316 & 314 MATERIALS OPSS 1001, 1003 & 1010).
12. REFER TO ARCHITECT'S SITE PLAN FOR BUILDING DIMENSIONS AND SITE LAYOUT. DIMENSIONS AND LAYOUT INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION
13. REFER TO LANDSCAPE ARCHITECTS PLAN FOR SIDEWALK, PATHWAYS, CONCRETE MEDIAN, PLANTING AND OTHER LANDSCAPE FEATURE MATERIALS AND LOCATIONS.
14. ALL CURB TO BE 150mm ABOVE FINISHED ASPHALT GRADE UNLESS OTHERWISE NOTED.
15. FOR DETAILS OF SOIL CONDITIONS, REFERENCE SHOULD BE MADE TO GEOTECHNICAL REPORT PREPARED BY PATERSON GROUP AUGUST 2017.
16. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES FOR THE PROTECTION OF THE AREA'S DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE. DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF EXPOSED SOIL, USING FILTER CLOTH UNDER THE GRATES OF CATCHBASINS AND MANHOLES AND INSTALLING Silt FENCES AND OTHER EFFECTIVE SEDIMENT TRAPS. DURING CONSTRUCTION, THE CONTRACTOR SHALL TAKE CARE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE AGENCY.
17. THE CONTRACTOR SHALL CONFIRM LOCATION AND ELEVATION OF EXISTING INFRASTRUCTURE TO PREVENT ANY DAMAGE AND IDENTIFY CONFLICTS WITH PROPOSED INFRASTRUCTURE PRIOR TO COMMENCEMENT OF CONSTRUCTION. THE DESIGNER SHALL BE INFORMED IMMEDIATELY OF ANY DISCREPANCIES, OMISSIONS OR CONFLICTS THAT ARE FOUND.

3. CATCHBASINS SHALL BE PRECAST 600mm x 600mm AS PER OPSPD STANDARD 705.01. FRAMES AND COVERS TO BE AS PER CITY OF OTTAWA STANDARDS
4. SEWER BEDDING AS PER OPSPD STANDARD 802.03 WITH MINIMUM 150mm GRANULAR "A" BEDDING COMPACTED TO 95% STANDARD PROCTOR DENSITY
5. ALL MANHOLE AND CATCHBASIN SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD SPECIFICATIONS AND IN PARTICULAR WITH OPSPS 407 AND 410.
6. ALL SANITARY SEWERS ARE TO BE THE SIZES INDICATED AND THE MATERIAL SHALL BE PVC SD 35
7. ALL STORM SEWER TO BE PVC SD 35 OR REINFORCED CONCRETE IN ACCORDANCE WITH CSA STANDARDS A257.2 AND A257.3 (JOINTS)
8. ALL MANHOLES, CATCHBASINS, AND CATCHBASIN MANHOLES TO BE GRANULAR "A" WITH MIN. 150mm BEDDING COMPACTED TO 95% STANDARD PROCTOR DENSITY
9. ALL MANHOLES AND CATCHBASIN MANHOLE TO BE PER OPSPS 407.010. FRAMES AND COVERS TO BE PER CITY OF OTTAWA STANDARDS
10. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN TO WITHIN 1.0m OF BUILDING WALLS AND PROVIDE TEMPORARY CAGES
11. ADJUST ALL EXISTING AND PROPOSED MANHOLES TO FINISHED GRADE
12. ALL MANHOLES ARE 1200mm DIA. UNLESS NOTED OTHERWISE
13. FOUNDATION DRAIN BACKWATER VALVES TO BE INSTALLED ON ALL FOUNDATION DRAINS AS PER CITY STD S14.
14. CONTRACTOR TO INSULATE ALL STORM SEWER LINES, SERVICES AND MAINS WITH MINIMUM 25mm COVER, WITHIN 2.0m WITH 75mm RIGID HIGH DENSITY STYROFOAM INSULATION DOW CHANGES. H 40 OR APPROVED EQUIV

1. ALL WATERMAIN WATER AND MATERIAL SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS. NO WORK SHALL COMMENCE UNLESS A CITY WATER WORKS INSPECTOR IS ON SITE.
2. INSTALLATION OF WATER METER AND REMOTE RECEPTACLE SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS.
3. ALL WATERMAIN TO BE INSTALLED AT MINIMUM COVER OF 2.4m UNLESS OTHERWISE NOTED IN THE WATERMAIN TABLE. WATERMAIN WITH LESS THAN 2.4m COVER SHALL BE CONSTRUCTED PER CITY OF OTTAWA DETAIL W-22. WATERMAIN INSIDE EXISTING STRUCTURES SHALL BE CONSTRUCTED PER W-23 WHERE WATERMAIN IS LESS THAN 2.4m FROM ADJACENT OPEN STRUCTURES.
4. WATERMAIN BEDDING IS TO BE AS PER CITY OF OTTAWA DETAIL W-17.
5. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS PER CITY OF OTTAWA DETAILS W-40 AND W-42.
6. UNLESS OTHERWISE NOTED WATER SERVICE LATERALS TO BUILDING SHALL BE PVC DR 16 IN SIZES INDICATED.
7. WATERMAIN CONNECTIONS, TO THE EXISTING PATTERN WATERMAIN SHALL BE BY CONTINUITY OF THE EXISTING AND DISCONNECT.
8. IF WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS NO GREATER THAN HALF THAT RECOMMENDED BY THE MANUFACTURER.
9. HYDRANT LOCATION AND INSTALLATION AS PER STD DWG W16 & W19.

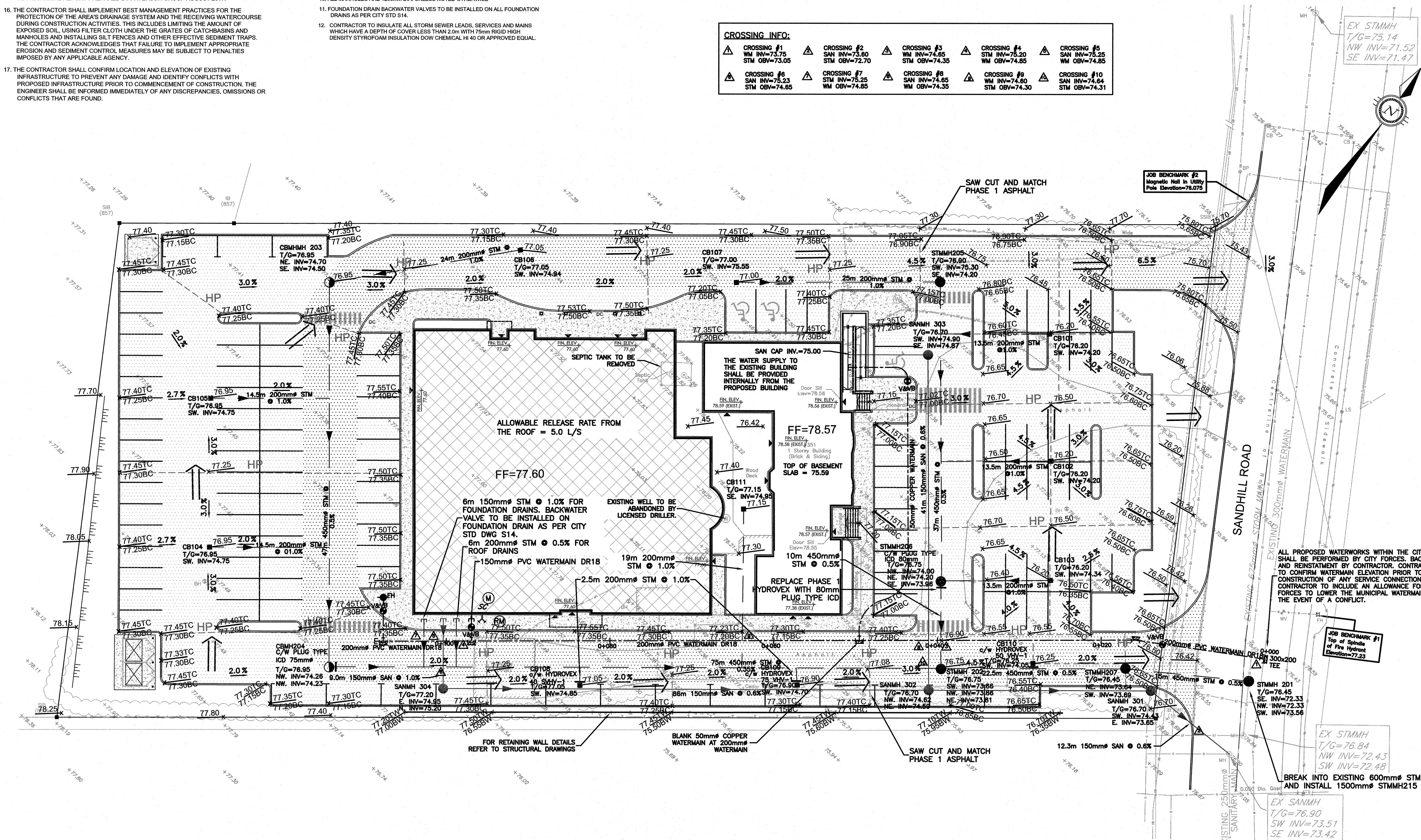
STRUCTURE TABLE			
STRUCTURE LABEL	SIZE	STRUCTURE OPSD NO. OR CITY STD DWG	FRAME OPSD NO. OR CITY STD DWG
SANMH 301 TO 304	1200mmØ	701.010	401.010-A
Cbs 101 TO 111	600mm x 900mm	705.010	400.020
STMMH 201	1500mmØ	701.010	401.010-B
STMMH 202	1200mmØ	701.010	401.010-B
CBMH 203	1200mmØ	701.010	401.010-B
CBMH 204	1200mmØ	701.010	401.010-B
STMMH 205	1200mmØ	701.010	401.010-B
STMMH 206	1200mmØ	701.010	401.010-B
STMMH 207	1200mmØ	701.010	401.010-B



LEGEND

SIB	—	STANDARD IRON BAR	—	PROPOSED CATCH BASIN
IB	—	IRON BAR	—	PROPOSED WATERMAIN
CB	—	CATCH BASIN	—	PROPOSED STORM SEWER
MH	—	MANHOLE	—	PROPOSED SANITARY SEWER
WMH	—	WATER MANHOLE	—	PROPOSED SANITARY MANHOLE
LS	—	LAMP STANDARD	—	PROPOSED STORM MANHOLE
UP	—	UTILITY POLE	—	PROPOSED STORM CATCHBASIN
WV	—	WATER VALVE	—	PROPOSED STORM CATCHBASIN
FH	—	FIRE HYDRANT	—	PROPOSED FIRE HYDRANT
W	—	WELL	—	PROPOSED VALVE & VALVE BOX
GA	—	GUY WIRE AND ANCHOR	—	PROPOSED SIAMESE CONNECTION
WT	—	WATERMAIN	—	PROPOSED WATER METER
UWH	—	OVERHEAD UTILITY WIRES	—	PROPOSED REMOTE WATER METER
URH	—	UNDERGROUND HYDRO	—	PROPOSED ELEVATION
UB	—	UNDERGROUND BELL	—	PROPOSED EXISTING ELEVATION
GM	—	GAS MAIN	—	
C	—	CABLE (ROGERS)	—	
SL	—	STREET LIGHT	—	
ST	—	STORM SEWER	—	
SS	—	SANITARY SEWER	—	
C	—	CURB	—	
—	—	PROPOSED CURB	—	
—	—	PROPOSED WATERMAIN	—	
—	—	PROPOSED STORM SEWER	—	
—	—	PROPOSED SANITARY SEWER	—	
—	—	PROPOSED SANITARY MANHOLE	—	
—	—	PROPOSED STORM MANHOLE	—	
—	—	PROPOSED STORM CATCHBASIN	—	
—	—	PROPOSED STORM CATCHBASIN	—	
—	—	PROPOSED FIRE HYDRANT	—	
—	—	PROPOSED VALVE & VALVE BOX	—	
—	—	PROPOSED SIAMESE CONNECTION	—	
—	—	PROPOSED WATER METER	—	
—	—	PROPOSED REMOTE WATER METER	—	
—	—	PROPOSED ELEVATION	—	
—	—	PROPOSED EXISTING ELEVATION	—	
—	—	PROPOSED HEAVY DUTY PAVEMENT	—	
—	—	PROPOSED LIGHT DUTY PAVEMENT	—	
—	—	PROPOSED CONCRETE SIDEWALK	—	
—	—	TERRACING 3:1 MAX	—	
HP	—	HIGH POINT	—	
—	—	150mm PERFORATED SUBDRAIN	—	

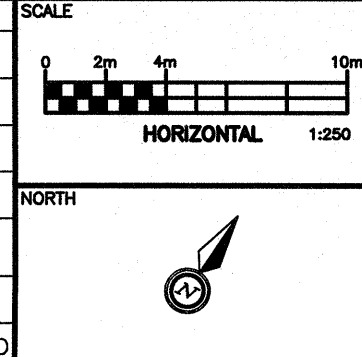
WATERMAIN TABLE			
STATION	FIN/GRADE	T/W GRADE	COMMENT
0+000	76.45	74.05	TIE INTO EXISTING WATERMAIN ON SANDHILL RD
0+012.5	76.50	74.10	VALVE AND VALVE BOX
0+015.8	76.45	74.05	THRUST BLOCK AND 11.25" BEND
0+020	76.50	74.10	TOP OF WATERMAIN
0+040	76.90	74.85	STM CROSSING (STM OBV=74.35)
0+054	77.10	74.45	SAN CROSSING (SAN INV=74.75)
0+060	77.20	74.80	TOP OF WATERMAIN
0+064	77.20	74.80	STM CROSSING (STM OBV=74.30)
0+080	77.30	74.90	TOP OF WATERMAIN
0+097	77.30	74.90	200X200 BUILDING TEE & VALVE AND VALVE BOX
0+100	77.25	74.85	STM & SAN LATERAL CROSSING (STM & SAN INV=75.25)
0+107.7	77.25	74.85	150X200 HYDRANT TEE & VALVE AND VALVE BOX
0+108.7	77.20	74.80	200mm WATERMAIN CAP



THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PRELIMINARY
NOT FOR CONSTRUCTION

2	ISSUED FOR SITE PLAN APPROVAL	13/09/17	ML	AA	
1	ISSUED FOR COORDINATION	26/04/17	ML	AA	
NO.	REVISION DESCRIPTION	DATE	BY	APPD	



832 MARCH ROAD, OTTAWA, ON.
K2W 0C9
613.973.5000



BASEPLAN <u>ML</u>	PROJECT KMA MOSQUE AND COMMUNITY CENTRE 351 SANDHILL ROAD, OTTAWA, ON	PROJECT No. OTT-00238504-A
DESIGN <u>ML</u>		SURVEY F M & W
CHECKED <u>AA</u>		DATE 2016-12-09
CAD <u>ML</u>		DRAWING No. SSGP-2
PROJECT MANAGER <u>AA</u>		
APPROVED <u>AA</u>		