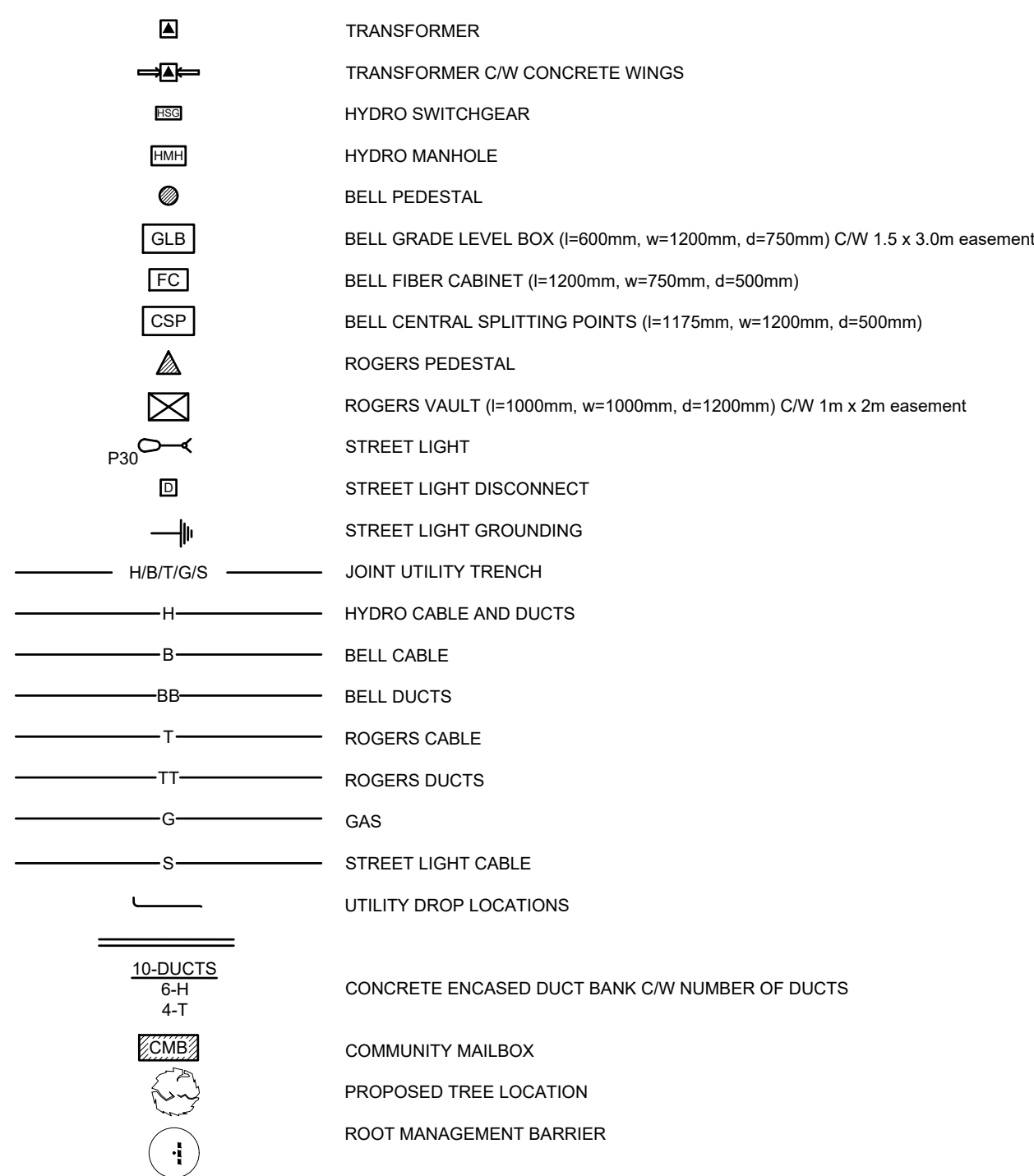
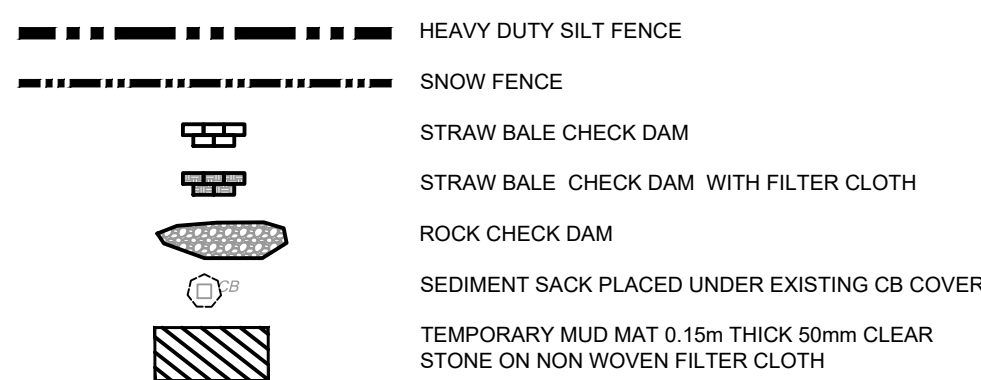


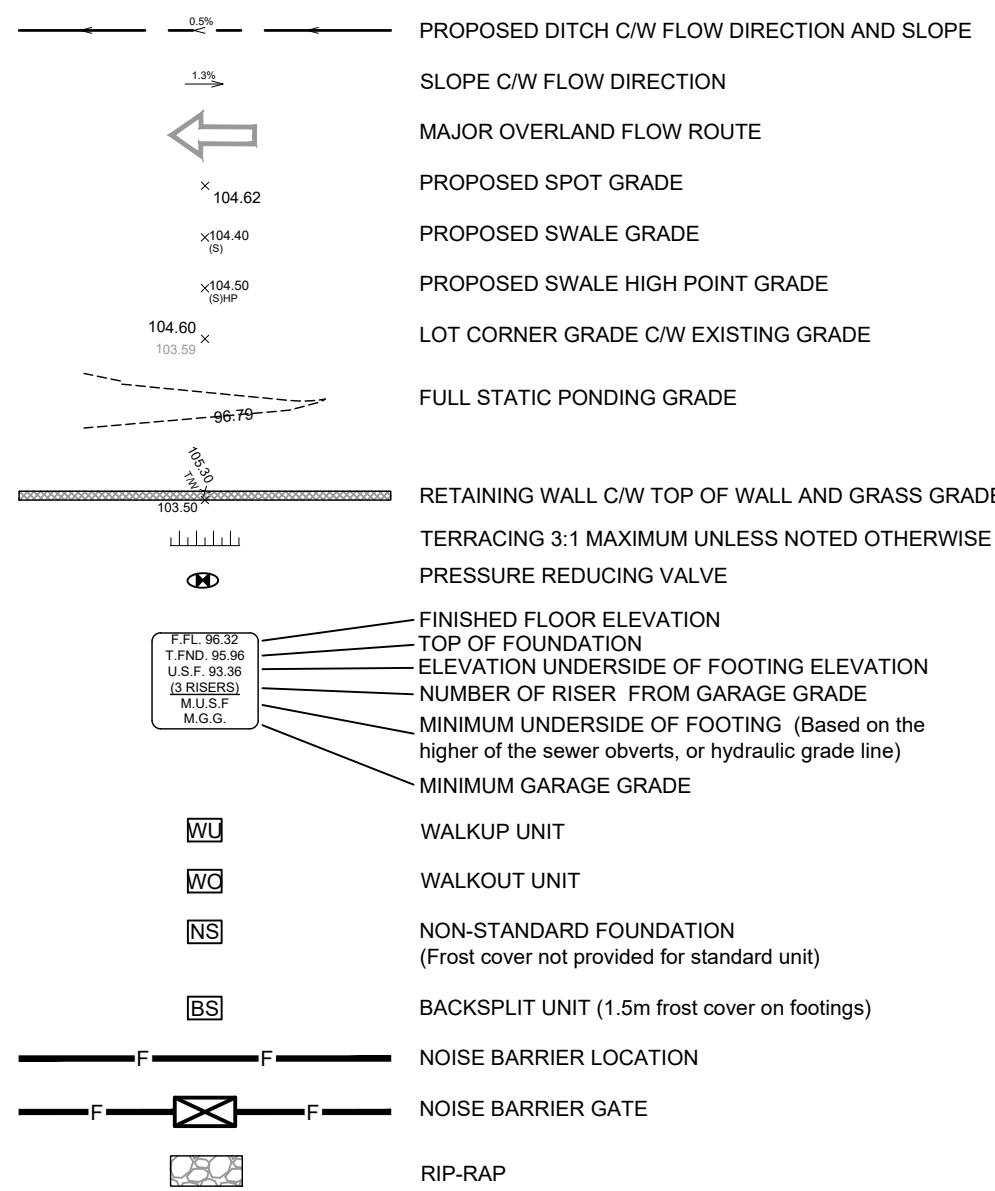
UTILITY LEGEND



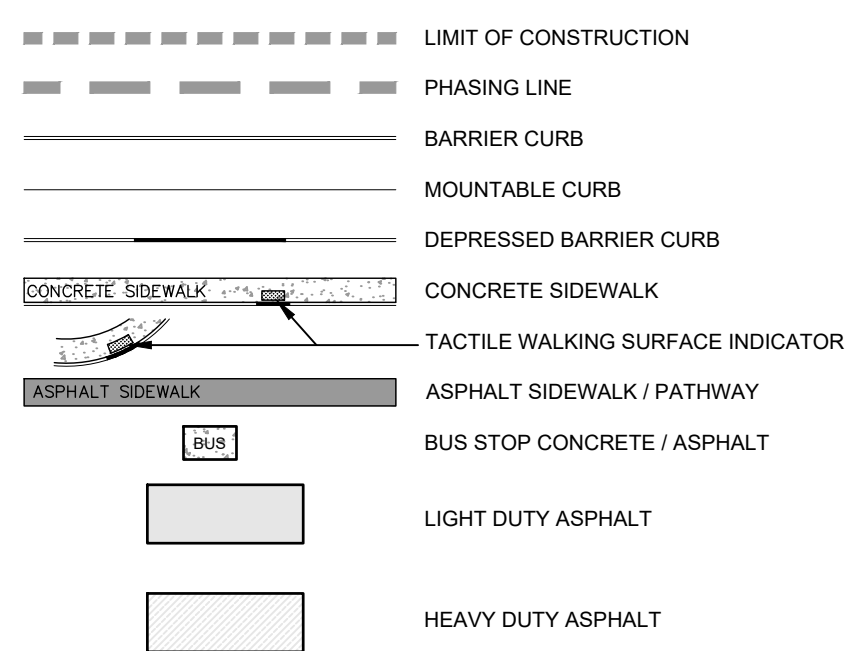
SEDIMENT EROSION LEGEND



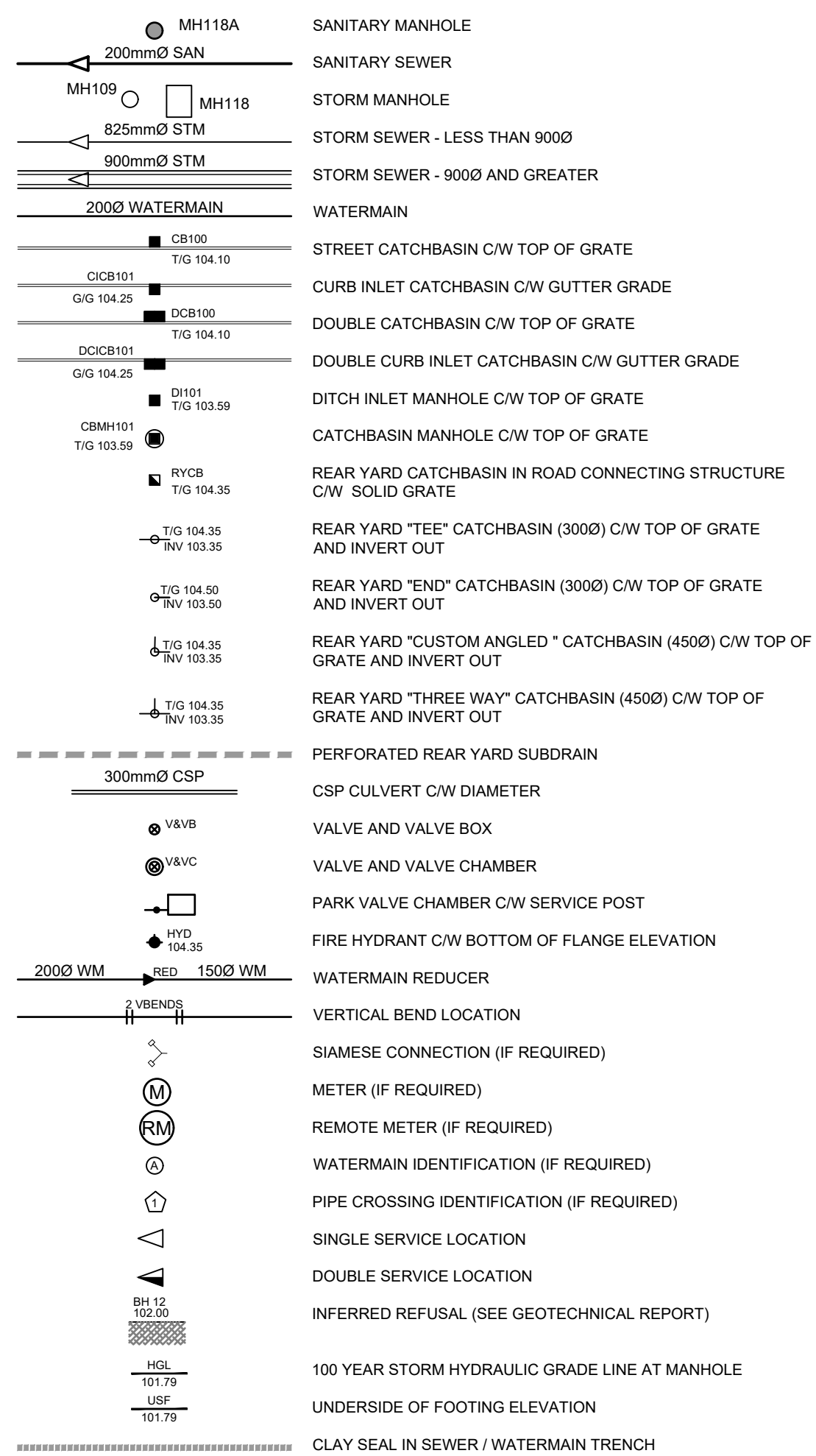
GRADING LEGEND



GENERAL LEGEND



SERVICING LEGEND



CROSSING SCHEDULE

1	250mmØ STORM SEWER OVER 200mm SANITARY SEWER - CLEARANCE 0.255m (INSULATION REQUIRED)
2	200mmØ SANITARY SEWER OVER 375mmØ STORM SEWER - CLEARANCE 0.785m
3	375mmØ STORM SEWER UNDER 50mmØ WATER SERVICE - CLEARANCE 0.250m (INSULATION REQUIRED)

WATERMAIN SCHEDULE

Station	Description	Finished Grade	Top of Watermain	Watermain Cover	As Built Watermain
A	0+000.00				
	0+004.70	104.50	101.69	2.81	
	0+010.94	104.42	102.02	2.40	
	0+011.57	104.43	102.25	2.15	
	0+020	104.39	101.59	2.40	
	0+031.81	103.41	101.01	2.40	
	0+033.95	103.16	100.76	2.40	
	0+036.98	103.05	100.65	2.40	
B	0+036.98	102.92	100.52	2.40	

INSULATE PER W22

REVISED 2023-05-31

NOTES :

- ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPS/OPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
- THE POSITION OF UNDERGROUND AND ABOVEGROUND SERVICE, UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH SERVICE, UTILITIES AND STRUCTURES IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL REPORT ALL CONFLICTS, DISCOVERIES OF ERROR AND DISCREPANCIES TO THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS.
- FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT PG6571-1 DATED MARCH 5, 2023 PREPARED BY PATERSON GROUP.
- FOR GEODETIC BENCHMARK AND GEOMETRIC LAYOUT OF STREET AND LOTS, REFER TO TOPOGRAPHICAL SURVEY AND PLAN OF SUBDIVISION PREPARED BY STANTEC GEOMATICS LTD. BENCHMARK BASED ON CAN-NET VIRTUAL REFERENCE SYSTEM NETWORK.
- FOR SITE PLAN INFORMATION, REFER TO SITE PLAN PREPARED BY TURNER FLEISCHER ARCHITECTS INC. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
- ROADWAY SECTIONS REQUIRING GRADE RAISE TO PROPOSED SUB GRADE LEVEL TO BE FILLED WITH ACCEPTABLE NATIVE EARTH BORROW OR IMPORTED OPSS SELECTED SUBGRADE MATERIAL IF NATIVE MATERIAL IS DEFICIENT AS PER RECOMMENDATION OF GEOTECHNICAL ENGINEER.
- IN AREAS WHERE EXISTING GROUND IS BELOW THE PROPOSED ELEVATION OF SEWER AND WATERMANS, GRADE RAISING AND FILLING IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. AS PER CITY GUIDELINES ALL WATERMANS IN FILL AREAS ARE TO BE TIED WITH RESTRAINING JOINTS AND THRUST BLOCKS.
- THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY SITE CONSTRUCTION. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED TO THE SATISFACTION OF THE ENGINEER, OR ANY REGULATORY AGENCY. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL THE START OF A SUBSEQUENT PHASE.
- CONTRACTORS SHALL BE RESPONSIBLE FOR KEEPING CLEAN ALL ROADS WHICH BECOME COVERED IN DUST, DEBRIS AND/OR MUD AS A RESULT OF ITS CONSTRUCTION OPERATIONS.
- UNLESS SPECIFICALLY NOTED OTHERWISE, PIPE MATERIALS SHALL BE AS FOLLOWS:
-WATERMANS TO BE PVC DR18
-SANITARY SEWER TO BE PVC DR35
-PERFORATED STORM SEWERS IN REAR YARDS AND LANDSCAPE AREAS TO BE HDPE
-STORM SEWERS 375MM DIAMETER AND LESS TO BE PVC DR35
-STORM SEWERS 450MM DIAMETER AND GREATER TO BE CONCRETE CLASS 65-0
- ALL CONNECTIONS TO EXISTING WATERMANS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
- ANY WATERMAIN WITH LESS THAN 2.4M, AND ANY SEWER WITH LESS THAN 2.0M DEPTH OF COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR AS APPROVED BY THE ENGINEER.
- ALL STUBBED SEWERS SHALL HAVE PRE-MANUFACTURED CAPS INSTALLED.
- ALL LEADS FOR STREET CATCHBASINS AND CURB INLET CATCHBASINS CONNECTED TO MAIN SHALL BE 200MM PVC DR35 @ MIN 0% SLOPE UNLESS NOTED OTHERWISE. ALL LEADS FOR RYOB'S CONNECTED TO MAIN SHALL BE 200MM PVC DR35 @ MIN 1% SLOPE UNLESS NOTED OTHERWISE.
- OPSS GRANULAR "A" CRUSHED STONE
- OPSS GRANULAR "B" TYPE II CRUSHED STONE
- INLET CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMPLETING THE ROAD BASE (GRANULAR A).
- EACH BUILDING SHALL BE EQUIPPED WITH A SANITARY AND STORM SEWER BACKWATER VALVE AND CLEAN-OUT ON ITS PRIMARY SERVICE, AS PER ONTARIO BUILDING CODE REQUIREMENTS (BY OTHERS).
- PRESSURE REDUCING VALVE MAY BE REQUIRED INSIDE BUILDING. BUILDING CONTRACTOR TO REFER TO MECHANICAL ENGINEERING DRAWINGS.
- EXISTING SEWER RUNS EXM1A - EXM2A AND EXM1 - EXM2, TO BE CCTV PRE-CONSTRUCTION.

APPROVED
By Allison Hamlin at 1:55 pm, Sep 19, 2023

Allison Hamlin

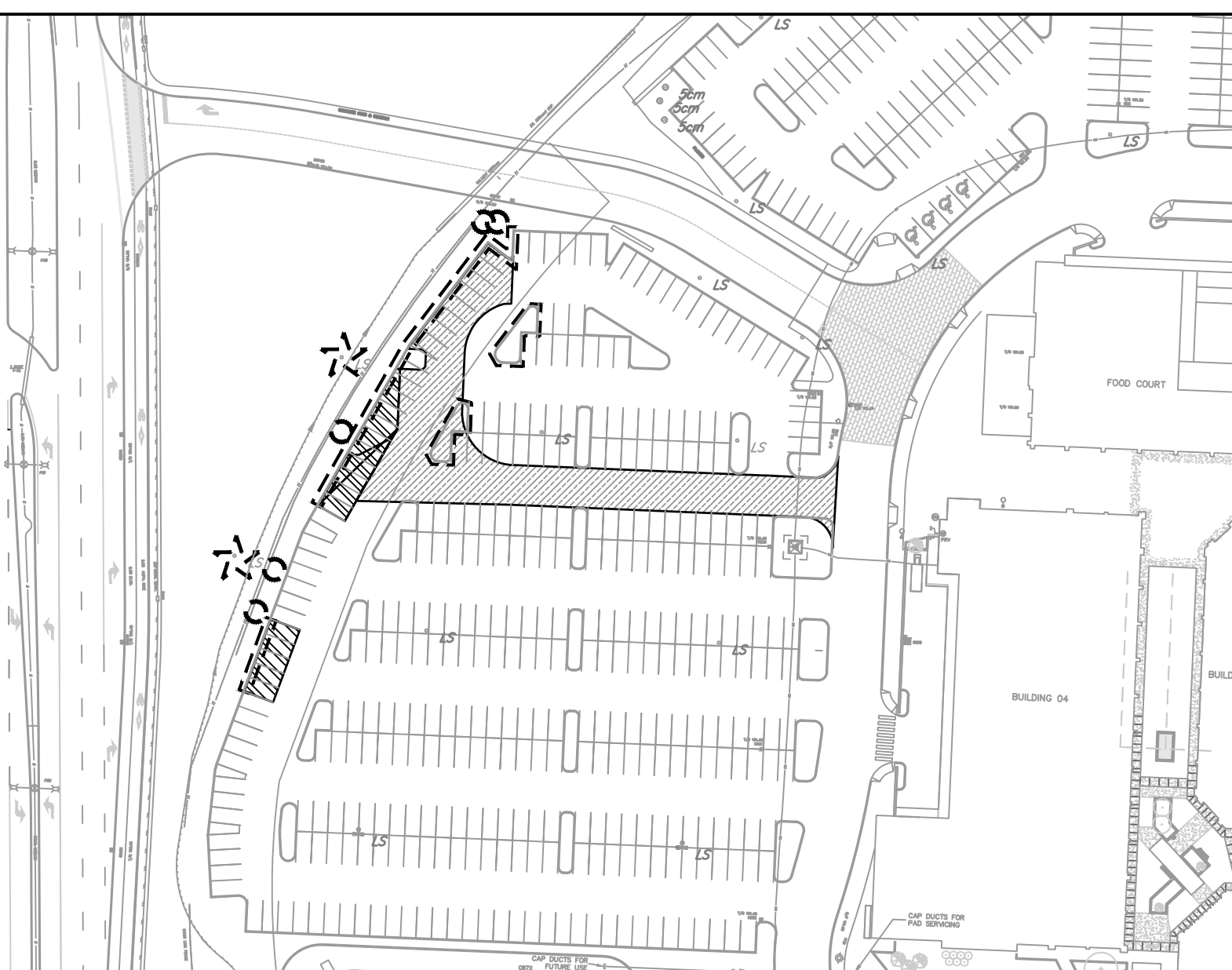
ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

PAVEMENT STRUCTURE:

- LIGHT DUTY:**
- 40mm - SUPERPAVE 12.5-FC2 ASPHALTIC CONCRETE
 - 150mm - OPSS GRANULAR "A" CRUSHED STONE
 - 400mm - OPSS GRANULAR "B" TYPE II CRUSHED STONE
- SUBGRADE - EITHER FILL, INSITU SILTY CLAY OR SAND/CRUSHED STONE MATERIAL PLACED OVER IN SITU SOIL.**
- HEAVY DUTY:**
- 40mm - SUPERPAVE 12.5-FC2 ASPHALTIC CONCRETE
 - 50mm - SUPERPAVE 19.0 ASPHALTIC CONCRETE
 - 150mm - OPSS GRANULAR "A" CRUSHED STONE
 - 450mm - OPSS GRANULAR "B" TYPE II CRUSHED STONE
- SUBGRADE - EITHER FILL, INSITU SILTY CLAY OR SAND/CRUSHED STONE MATERIAL PLACED OVER IN SITU SOIL.**

REMOVALS LEGEND:

- CONCRETE CURB/SIDEWALK TO BE REMOVED
- REMOVE EXISTING STREETLIGHT BASE
- EXISTING STREETLIGHT TO BE RELOCATED
- EXISTING TREES TO BE REMOVED
- EXISTING LIGHT DUTY PAVEMENT STRUCTURE TO BE REMOVED AND REPLACED WITH HEAVY DUTY PAVEMENT STRUCTURE
- EXISTING ASPHALT TO BE REMOVED



REMOVALS DETAIL
N.T.S.

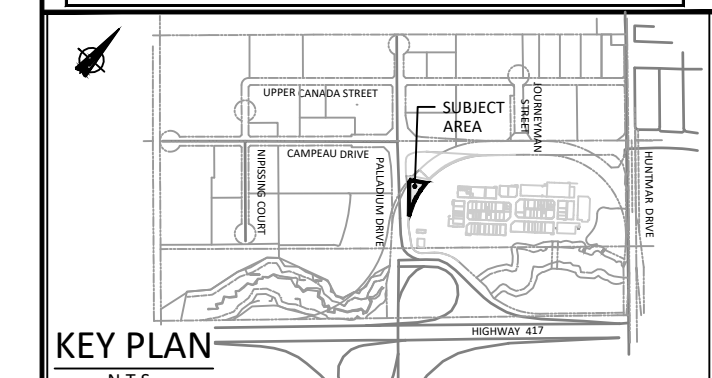
CLIENT
RIOCAN REIT
RIOCAN YONGE EGLINTON CENTER, 2300
YONGE ST, SUITE 500

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ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR COORDINATION	2023-03-06
2	ISSUED FOR SPA	2023-03-15
3	REVISED PER CLIENT COMMENTS	2023-04-24
4	ISSUED FOR BUILDING PERMIT	2023-05-12
5	REVISED PER CITY COMMENTS	2023-05-31
6	REVISED PER CITY COMMENTS	2023-07-18
7	REVISED PER CITY COMMENTS	2023-08-02
8	MUNICIPAL ADDRESS UPDATED	2023-08-25
9		
10		

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



KEY PLAN
N.T.S.

CONSULTANTS

SEAL

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ibigroup.com

PROJECT
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3000 PALLADIUM DRIVE
PROJECT NO:
141991
DRAWN BY:
D.P.S.
CHECKED BY:
J.I.M.
PROJECT MGR:
S.E.L.
APPROVED BY:
S.E.L.

SHEET TITLE
**GENERAL NOTES LEGEND
AND CB DATA TABLE**

SHEET NUMBER
C-010
ISSUE
8