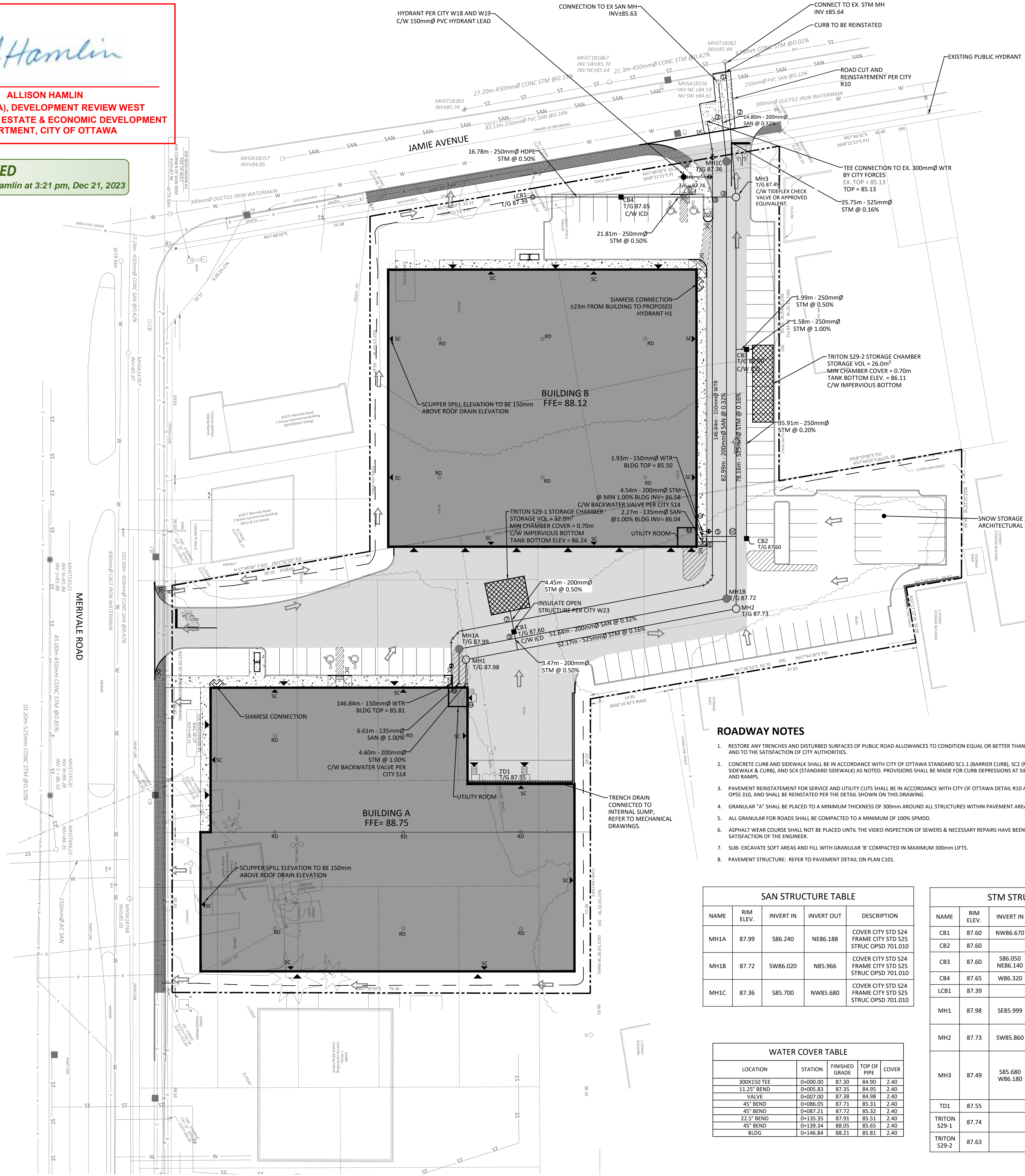


At Hamlin

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

APPROVED  
By Allison Hamlin at 3:21 pm, Dec 21, 2023



GENERAL NOTES

- 1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY...
2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS...
3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION...
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUTS...
5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION...
6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION...
7. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY...
8. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED...
9. CONTRACTOR TO MINIMIZE THE ACTUAL LIMITS OF REMOVALS AND REINSTATEMENT WHEREVER POSSIBLE...
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD...
11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY...
12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS...
13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL...
14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION...
15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY...
16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES...
17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION...
18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE SPECIFIED...
19. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION COMPLETED BY MR. ARCADIS, DATED JANUARY 29, 2023

SEWER NOTES:

- 1. CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS...
2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE...
3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-26...
4. SEWERS AND CONNECTIONS 200mmØ AND LARGER TO BE PVC SDR-35...
5. SEWERS AND WATERMANS LOCATED PARALLEL TO EACH OTHER SHOULD BE CONSTRUCTED IN SEPARATE TRENCHES...
6. INSULATE ALL STORM AND SANITARY SEWERS/STRUCTURES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION...
7. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE WATERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2...
8. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING...
9. CONTRACTOR TO TELETYPE (CTV) ALL PROPOSED SEWERS ON SITE...
10. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

WATERMAIN NOTES

- 1. CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS...
2. WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m...
3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER...
4. THERMAL INSULATION OF WATERMANS AT OPEN STRUCTURES AS PER CITY DETAIL W23...
5. VALVES TO BE OPERATED BY CITY STAFF ONLY...
6. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY...
7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTIONS REQUIRED...
8. ALL WATERMANS SHALL BE EQUIPPED WITH GATE VALVES AS PER OPSD 1100.011...
9. ALL FIRE HYDRANTS, VALVE AND VALVE BOX SHALL CONFORM TO CITY STANDARDS W18 AND W19...
10. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD 1103.020...
11. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT...
12. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE...
13. AS PER CITY GUIDELINE, THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER/UTILITY IS 0.25m FOR CROSSING OVER THE SEWER...
14. CROSSING UNDER SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWERS IS REQUIRED TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING...
15. THE LENGTH OF WATER PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER.

ROADWAY NOTES

- 1. RESTORE ANY TRENCHES AND DISTURBED SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION...
2. CONCRETE CURB AND SIDEWALK SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD SC1.1...
3. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA DETAIL R10 AND OPSD 509.010...
4. GRANULAR 'A' SHALL BE PLACED TO A MINIMUM THICKNESS OF 300mm AROUND ALL STRUCTURES WITHIN PAVEMENT AREA...
5. ALL GRANULAR FOR ROADS SHALL BE COMPACTED TO A MINIMUM OF 100% SPMD...
6. ASPHALT WEAR COURSE SHALL NOT BE PLACED UNTIL THE VIDEO INSPECTION OF SEWERS & NECESSARY REPAIRS HAVE BEEN CARRIED OUT...
7. SUB-EXCAVATE SOFT AREAS AND FILL WITH GRANULAR 'B' COMPACTED IN MAXIMUM 300mm LIFTS...
8. PAVEMENT STRUCTURE: REFER TO PAVEMENT DETAIL ON PLAN C10.

SAN STRUCTURE TABLE

Table with 4 columns: NAME, RIM ELEV., INVERT IN, INVERT OUT, DESCRIPTION. Lists structures MH1A, MH1B, MH1C.

STM STRUCTURE TABLE

Table with 4 columns: NAME, RIM ELEV., INVERT IN, INVERT OUT, DESCRIPTION. Lists structures CB1, CB2, CB3, CB4, LC81, MH1, MH2, MH3, TD1, TRITON S29-1, TRITON S29-2.

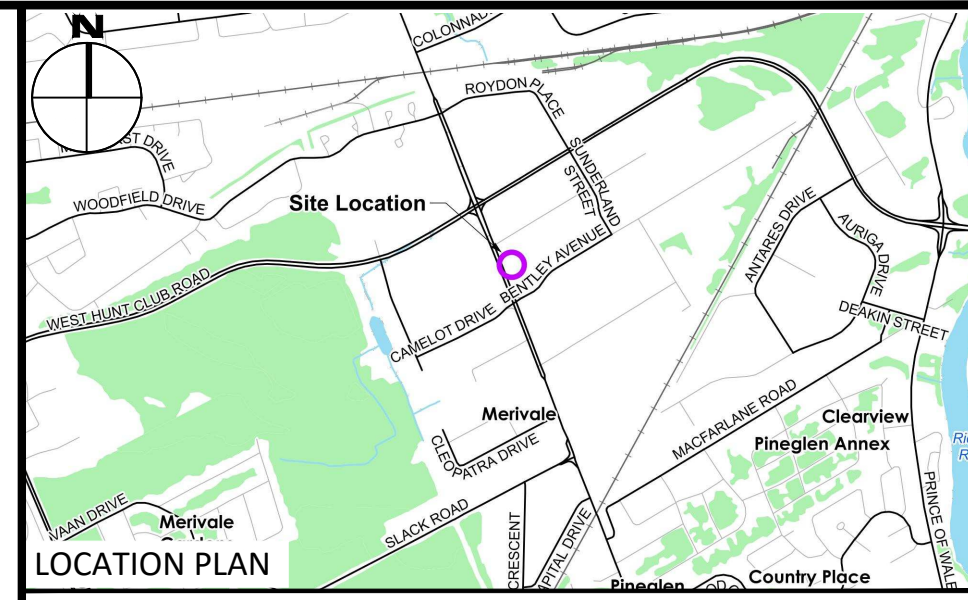
WATER COVER TABLE

Table with 4 columns: LOCATION, STATION, FINISHED GRADE, TOP OF PIPE, COVER. Lists various pipe segments and bends.

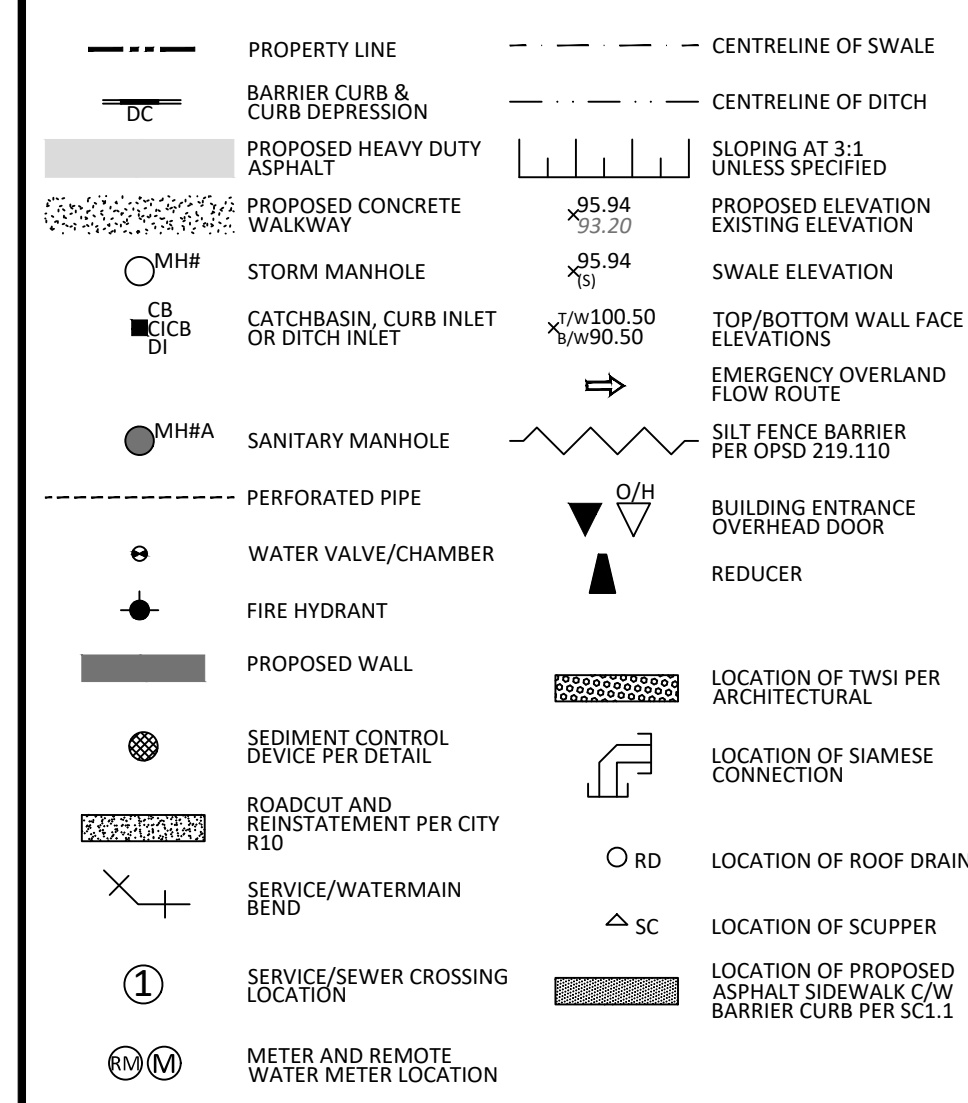
CROSSING CONFLICT TABLE

Table with 3 columns: LOCATION, DESCRIPTION, SEPARATION. Lists crossing points for various structures.

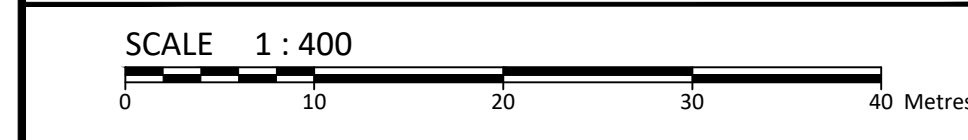
Table with 6 columns: STRUCTURE ID, ICD SIZE (mm), INVERT (m), STYLE, 5-YEAR DESIGN HEAD (m), 100-YEAR DESIGN HEAD (m), 5-YEAR DESIGN FLOW (L/s), 100-YEAR DESIGN FLOW (L/s). Lists structures CB1, CB3, CB4, LM45.



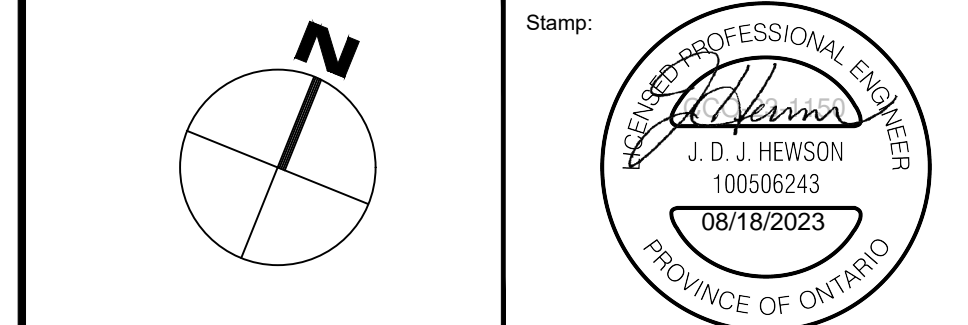
LEGEND



Revisions table with columns: No., Description, Date. Lists three revisions for site plan control.



McINTOSH PERRY  
115 Walgreen Road, RR3, Carp, ON K0A 1L0  
Tel: 613-836-2184 Fax: 613-836-3742  
www.mcintoshperry.com



Client: Z.V. HOLDINGS CORP. 1801 WOODWARD DRIVE OTTAWA, ON K2C 0R3  
Project: WAREHOUSE DEVELOPMENT 1881 MERIVALE ROAD OTTAWA ON  
Drawing Title: SITE SERVICING PLAN  
Scale: 1:400 Project Number: CCO-23-1150  
Drawn By: R.R.R. Checked By: R.D.F. Designed By: R.R.R.

FILENAME: I:\Information\2023\CCO-23-1150\Drawings\0811\_Merivale\_Road\11-01\_Presentation.dwg  
LAST SAVED: Friday, August 18, 2023 1:51:54 PM  
LAST PLOTTED: Friday, August 18, 2023 1:51:54 PM

D07-12-23-0018

#XXXX