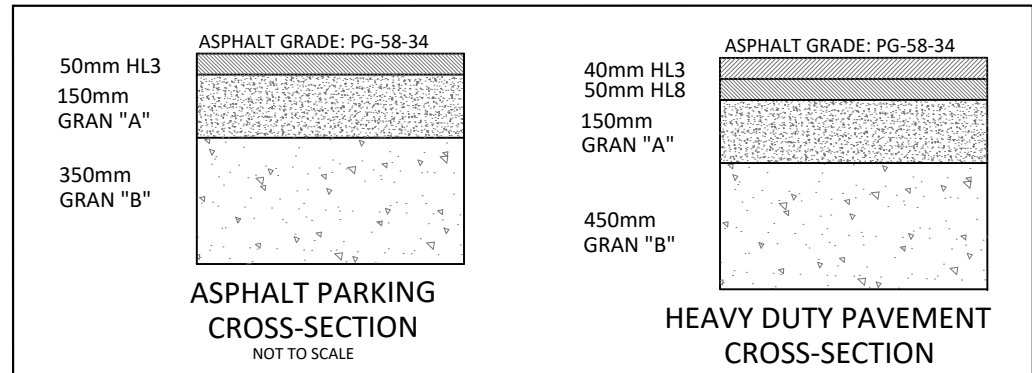
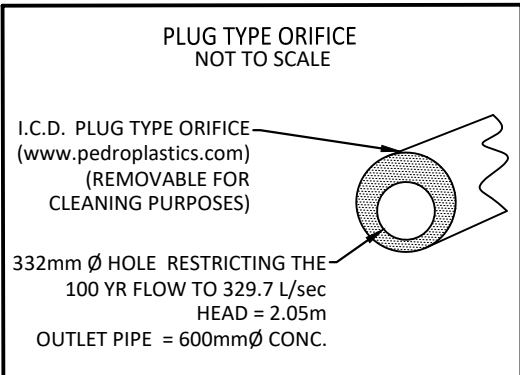


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LAST PLOTTED: Friday, May 02, 2025 10:05:00 AM
DRAWN BY: JIM BURDEN
CHECKED BY: JIM BURDEN
DESIGNED BY: JIM BURDEN
DATE: AUG. 28, 2017

STM STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CB 2	95.20		SW93.800	OPSD 701.010 FRAME S25 COVER S28.1
CB 6	95.20		S93.825	OPSD 705.010 COVER S19
CB 7	95.20		NW93.800	OPSD 705.010 COVER S19
CB 8	95.20		NW93.800	OPSD 705.010 COVER S19
CBMH 3	95.20	SE93.219 NE93.550	NW93.199	OPSD 701.010 FRAME S25 COVER S28.1
CBMH 4	95.20	SE93.440 NE93.439	NW93.379	OPSD 701.011 FRAME S25 COVER S28.1
CBMH 5	95.20	SE93.650 NE93.620	SW93.589	OPSD 701.010 FRAME S25 COVER S28.1
EX MH	95.85	SW 92.840	NE 92.800	EXISTING STRUCTURE
MH 1	95.60		NW93.030	OPSD 701.011 FRAME S25 COVER S24.1



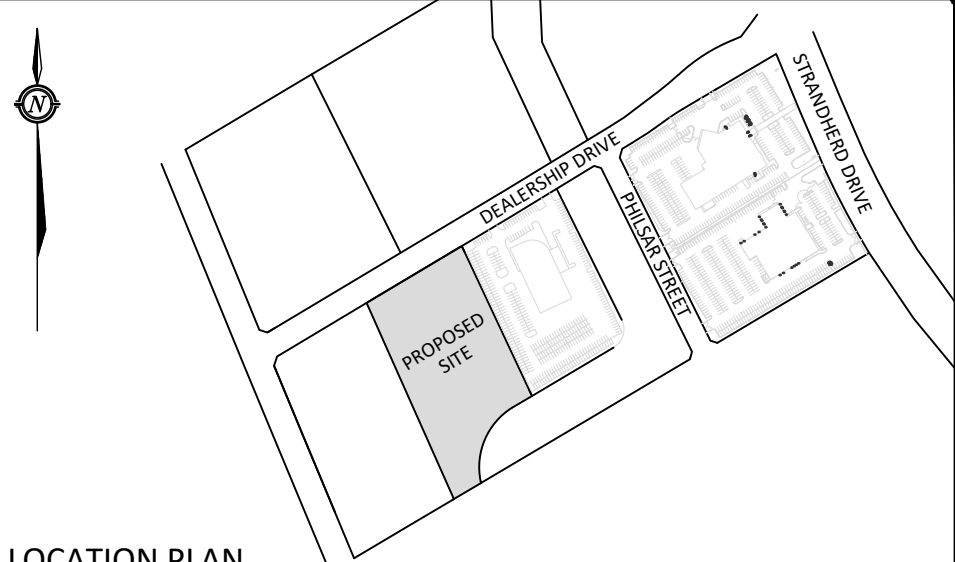
ASPHALT CROSS-SECTIONS TO CONFORM TO TABLE 9-1 AND 9-2 WITHIN THE SECTION 9.0 OF THE GEOTECHNICAL REPORT COMPLETED BY MCINTOSH PERRY (REF. NO. CP-17-0442) DATED SEPTEMBER 2017.

GENERAL NOTES

1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.
2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOW HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) MCINTOSH PERRY SURVEY INC. (MPSI) SURVEY PLAN # 15-4343, DATED NOVEMBER 2, 2015 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
3. THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OR TOWNSHIP BEFORE COMMENCING CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT.
5. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
6. ALL "GREEN AREAS" TO BE TREATED WITH 150mm TOPSOIL, SEED & MULCH AS SOON AS FEASIBLE.
7. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY OR TOWNSHIP AUTHORITIES.
8. EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY OR TOWNSHIP.
9. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
12. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE CITY OR TOWNSHIP.
13. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY OR TOWNSHIP STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
14. CONTACT THE TOWNSHIP FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE TOWNSHIP'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
15. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
16. HYDRO, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS SUBJECT TO THE APPROVAL AGENCY:
 - ELECTRICAL SERVICE - HYDRO OTTAWA,
 - TELEPHONE SERVICE - BELL CANADA,
 - GAS SERVICE - ENBRIDGE,
 - TELEVISION SERVICE - ROGERS.
17. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES BELL, HYDRO AND THE CITY OR TOWNSHIP.
18. ALL PROPOSED CURB SHALL BE CONCRETE BARRIER CURB UNLESS SPECIFIED.
19. ALL EXISTING REDUNDANT PRIVATE APPROACHES FRONTING THIS DEVELOPMENT MUST BE REMOVED TO THE SATISFACTION OF THE CITY OR TOWNSHIP.
20. THIS PLAN MUST BE READ IN CONJUNCTION WITH GEOTECHNICAL REPORT BY MP AND SITE SERVICING REPORT BY MP REPORT # CP-17-0442 DATED, SEPTEMBER 19TH, 2017.

EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, TEMPORARY SEDIMENT CONTROL (GEOSOCK INSERTS WITH AN OVERFLOW UNDER GRATE OR COVER) TO BE IMPLEMENTED DURING CONSTRUCTION ON ALL PROPOSED ROAD CATCHBASINS, REARWARD CATCHBASINS AND CATCHBASIN MANHOLES AND OTHER SEDIMENT TRAPS. NO RECYCLED GEOSOCK MATERIAL SHALL BE PERMITTED FOR USE ON SITE.
2. AT THE DISCRETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE INSTALLED AT DESIGNATED LOCATIONS.
3. FOR SILT FENCE BARRIER, USE OPSD 219.110. GEOTEXTILE FOR SILT FENCE AS PER OPSD 1860, TABLE 3.
4. EXCEPT AS PROVIDED IN PARAGRAPHS 4.1, AND 4.2. BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASES SHALL BE IMPLEMENTED DURING CONSTRUCTION ON ALL PROPOSED ROAD CATCHBASINS, REARWARD CATCHBASINS AND CATCHBASIN MANHOLES AND OTHER SEDIMENT TRAPS. NO RECYCLED GEOSOCK MATERIAL SHALL BE PERMITTED FOR USE ON SITE.
 - 4.1. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PROHIBITED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE.
 - 4.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.
5. SEDIMENT THAT IS ACCUMULATED BY THE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE CONTROL MEASURE AND AVOIDS DAMAGE TO THE CONTROL MEASURE. SEDIMENT SHALL BE REMOVED TO THE LEVEL OF THE GRADE EXISTING AT THE TIME THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE FOLLOWING:
 - 5.1. FOR LIGHT-DUTY SEDIMENT BARRIERS, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE LESSER OF THE FOLLOWING:
 - 5.1.1. A DEPTH OF ONE-HALF THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE.
 - 5.1.2. A DEPTH OF 300 MM IMMEDIATELY UPSTREAM OF THE CONTROL MEASURE.
 - 5.2. FOR ALL CONTROL MEASURES, ACCUMULATED SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM MAINTENANCE REPAIRS.
 - 5.3. ACCUMULATED SEDIMENT SHALL BE REMOVED PRIOR TO THE REMOVAL OF THE CONTROL MEASURE.
 - 5.4. ACCUMULATED SEDIMENT IS TO BE REMOVED AND DISPOSED OF AS PER OPSD 180.
6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MONITORED TO ENSURE THEY ARE IN EFFECTIVE WORKING ORDER. THE CONDITION OF THE CONTROL MEASURES SHALL BE MONITORED PRIOR TO ANY FORECAST STORM EVENT AND FOLLOWING A STORM EVENT.
7. DUST CONTROL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING. THE USE OF WATER, CALCIUM CHLORIDE FLAKES/SOLUTION OR MAGNESIUM CHLORIDE FLAKES/SOLUTION SHALL BE USED AS DUST SUPPRESSANTS AS PER OPSD 506. THIS IS TO LIMIT WIND EROSION OF SOILS WHICH MAY TRANSPORT SEDIMENTS OFFSITE, WHERE THEY MAY BE WASHED INTO THE RECEIVING WATER BY THE NEXT RAINSTORM.
8. ALL "GREEN AREAS" TO BE TREATED WITH 150mm TOPSOIL AND SOD AS SOON AS FEASIBLE, AS PER OPSD 570.
9. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
11. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECEIVERS (E.G. STORM CATCHBASINS, MANHOLES), AND BE SURROUNDED BY EROSION CONTROL MEASURES WHERE MATERIAL IS LEFT IN PLACE IN EXCESS OF 14 DAYS.
12. IF REQUIRED, DEWATERING/SETTLING BASINS SHALL BE CONSTRUCTED AS PER OPSD 219.240 AND LOCATED ON FLAT GRADE UPSTREAM OF OTHER EXISTING MITIGATION MEASURES. WATERCOURSES SHALL NOT BE DIVERTED, OR BLOCKED, AND TEMPORARY WATERCOURSES CROSSINGS SHALL NOT BE CONSTRUCTED OR UTILIZED, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT. IF CLOSURE OF ANY PERMANENT WATER PASSAGE IS NECESSARY, THE CONTRACTOR SHALL RELEASE ANY STRANDED FISH TO THE OPEN PORTION OF THE WATERCOURSE WITHOUT HARM.
13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSD 577.
14. WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSD 518.
15. ALL SETTLING/FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) AND SHALL BE CLEANED AND REPLACED AS REQUIRED.



LEGEND

- BARRIER CURB
- CURB DEPRESSION
- HEAVY DUTY ASPHALT
- CONCRETE RAMP AND/OR WALKWAY
- SWALE CENTERLINE
- TERRACING @ 3:1 SLOPE UNLESS SPECIFIED
- STORM MANHOLE
- CATCH BASIN MANHOLE
- CATCH BASIN OR DITCH INLET
- LANDSCAPE CATCH BASIN
- PERFORATED SUBDRAIN
- SANITARY MANHOLE
- TYPICAL GRADE
- × 73.21 B/W
- × 73.21(S)
- T/G 73.21
- × EX 73.21
- OVERLAND FLOW ROUTE
- 100yr PONDING
- 5yr PONDING
- GRADE MARKER
- SILT FENCE

8	REVISED FOR RESUBMISSION	MAY 02, 2025
7	REVISED PER UPDATED ENTRANCE LAYOUT	OCT 20, 2023
6	REVISED PROJECT TITLE	JUN 12, 2018
5	REVISED AS PER CITY COMMENT	JUN 06, 2018
4	REVISED PER NEW SITE PLAN	MAY 14, 2018
3	REVISED PER CITY COMMENTS (MAR 27/18)	APR 03, 2018
2	REVISED PER CITY COMMENTS (DEC 18/17)	FEB 12, 2018
1	ISSUED FOR SITE PLAN CONTROL	SEP 19, 2017

No. Revision/Issue Date

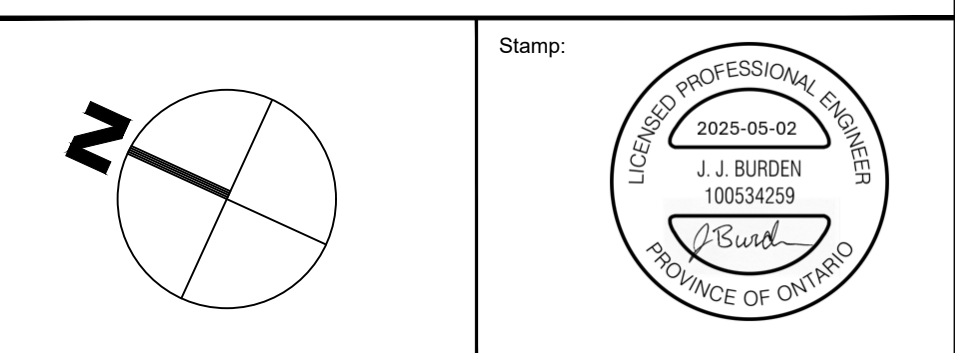
Check and verify all dimensions before proceeding with the work Do not scale drawings

SCALE 1:400

0 10 20 30 40 Metres



750 PALLADIUM DRIVE, SUITE 310, KANATA, ON K2V1C7
Tel: 613-836-2184 Fax: 613-836-3742



Client:
MYERS AUTOMOTIVE GROUP
1200 BASELINE ROAD
OTTAWA, ON K2C 0A6

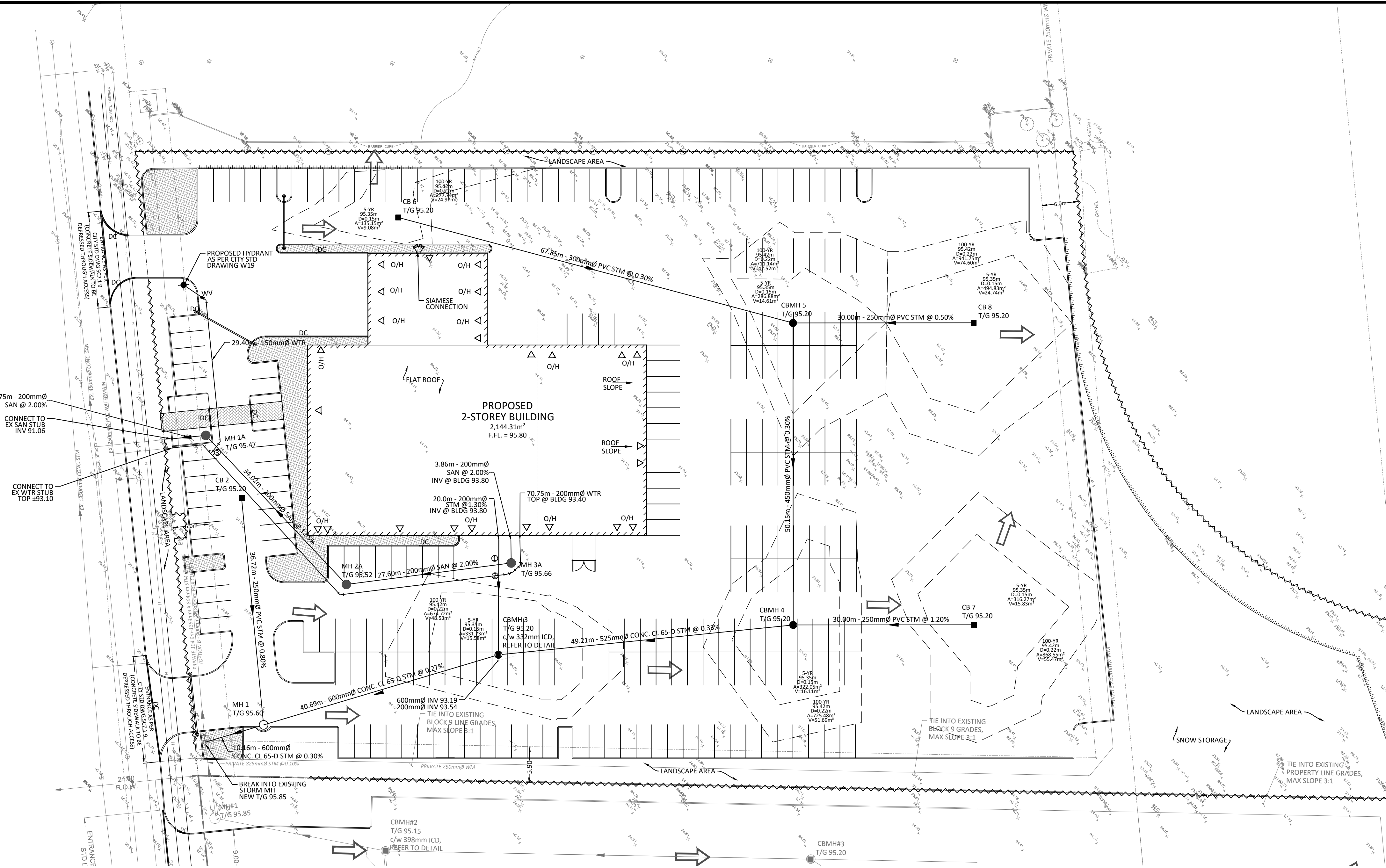
Project:
**540 DEALERSHIP DRIVE
PROPOSED AUTOMOBILE
DEALERSHIP**
OTTAWA ONTARIO

Drawing Title:
**LOT GRADING, DRAINAGE, SEDIMENT AND
EROSION CONTROL PLAN**

Scale: 1:400	Project Number: CP-17-0442
Drawn by: CDH	
Checked By: CJM/RPK	Drawing Number: C101
Designed By: CDH	SHEET 1 of 2
Date: AUG. 28, 2017	

#17668

D07-12-17-0128



STM STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
CB 2	95.20		SW93.800	OPSD 701.010 FRAME S25 COVER S28.1
CB 6	95.20		SE93.825	OPSD 705.010 COVER S19
CB 7	95.20		NW93.800	OPSD 705.010 COVER S19
CB 8	95.20		NW93.800	OPSD 705.010 COVER S19
CBMH 3	95.20	SE93.219 NE93.550	NW93.199	OPSD 701.010 FRAME S25 COVER S28.1
CBMH 4	95.20	SE93.440 NE93.439	NW93.379	OPSD 701.011 FRAME S25 COVER S28.1
CBMH 5	95.20	SE93.650 N93.620	SW93.589	OPSD 701.010 FRAME S25 COVER S28.1
EX MH	95.85	SW 92.840	NE 92.800	EXISTING STRUCTURE
MH 1	95.60		NW93.030	OPSD 701.011 FRAME S25 COVER S24.1

SAN STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH 1A	95.47	SE91.200	NW91.175	OPSD 701.010 COVER OPSD 401.050 (WATER TIGHT)
MH 2A	95.52	SE91.857	N91.830	OPSD 701.010 COVER OPSD 401.050 (WATER TIGHT)
MH 3A	95.66	NE93.723	NW92.409	OPSD 701.010 COVER OPSD 401.050 (WATER TIGHT)

PLUG TYPE ORIFICE NOT TO SCALE

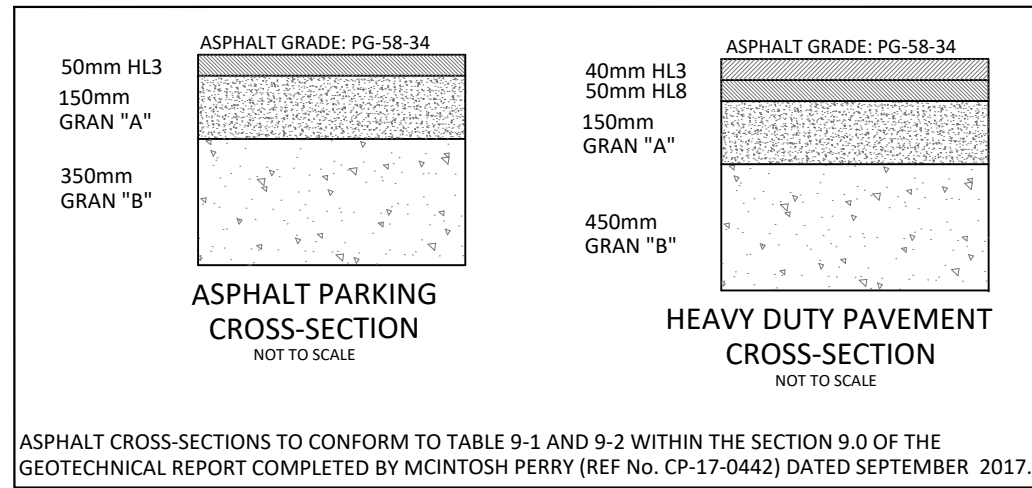
I.C.D. PLUG TYPE ORIFICE (www.pedroplastics.com) (REMOVABLE FOR CLEANING PURPOSES)

332mm Ø HOLE RESTRICTING THE 100 YR FLOW TO 329.7 l/sec HEAD = 2.05m OUTLET PIPE = 600mmØ CONC.

HYDRANT COVER TABLE				
LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	DEPTH
200 x 150 TEE	0+000.00	95.30	92.90	2.40
45°BEND	0+002.35	95.30	92.90	2.40
45°BEND	0+026.66	95.70	93.30	2.40
WATER VALVE	0+027.40	95.86	93.46	2.40
HYDRANT	0+029.40	95.88	93.48	2.40

WATER COVER TABLE				
LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	DEPTH
EX. CAP	0+000.00	95.50	93.10	2.40
45°BEND	0+005.04	95.50	93.10	2.40
45°BEND	0+036.35	95.63	93.23	2.40
45°BEND	0+064.79	95.48	93.08	2.40
45°BEND	0+066.49	95.52	93.12	2.40
BUILDING	0+070.75	95.80	93.40	2.40

CROSSING CONFLICT TABLE		
LOCATION	PIPE INFORMATION	SEPARATION
1	200mmØ STM INV. 93.74 200mmØ SAN OBV. 92.57	1.17m
2	200mmØ STM INV. 93.73 200mmØ WTR OBV. 93.08	0.65m
3	200mmØ SAN INV. 91.25 200mmØ WTR OBV. 92.90	1.65m



GENERAL NOTES

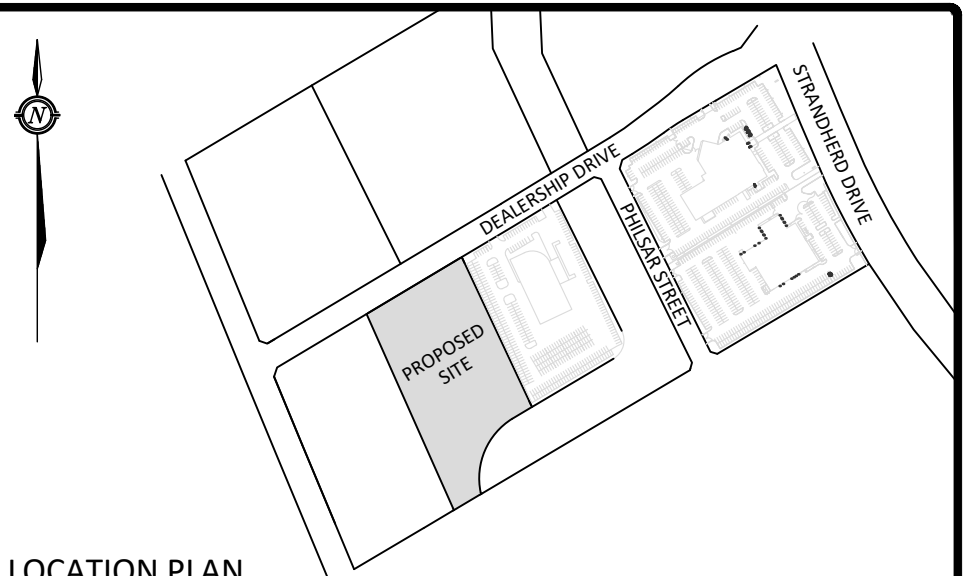
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- THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- ALL 'GREEN AREAS' TO BE TREATED WITH 150mm TOPSOIL, SEED & MULCH AS SOON AS FEASIBLE.
- RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY OR TOWNSHIP AUTHORITIES.
- EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY OR TOWNSHIP.
- TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.
- DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE CITY OR TOWNSHIP.
- ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY OR TOWNSHIP STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
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- HYDRO, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS SUBJECT TO THE APPROVAL AGENCY:
 - ELECTRICAL SERVICE - HYDRO OTTAWA,
 - TELEPHONE SERVICE - BELL CANADA,
 - GAS SERVICE - ENBRIDGE,
 - TELEVISION SERVICE - ROGERS.
- INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES BELL, HYDRO AND THE CITY OR TOWNSHIP.
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- THIS PLAN MUST BE READ IN CONJUNCTION WITH GEOTECHNICAL REPORT BY MP AND SITE SERVICING REPORT BY MP REPORT # CP-17-0442 DATED, SEPTEMBER 19TH, 2017.

WATERMAIN NOTES

- CONSTRUCT ALL WATERMANS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS AS WELL AS CITY OR TOWNSHIP STANDARDS AS INDICATED.
- INDUSTRIAL/COMMERCIAL SERVICE CONNECTIONS TO BE 50mm COPPER PIPING AND SHALL CONFORM TO ASTM B88 TYPE 'K' SOFT.
- WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY OF OTTAWA STANDARD DRAWING 'W22'.
- 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.
- USE APPROVED SADDLE CONNECTION WITH MAIN (CORPORATION) STOP AS PER CITY OF OTTAWA STANDARD DRAWING 'W26'.
- CONNECTION TO EXISTING BY CITY OR TOWNSHIP FORCES, EXCAVATION, BACKFILLING AND REINSTATEMENT IS TO BE COMPLETED BY THE CONTRACTOR.
- THERMAL INSULATION OF WATERMANS AT OPEN STRUCTURES AS PER CITY OF OTTAWA STANDARD DRAWING 'W22'.
- THERMAL INSULATION OF WATERMANS UNDER ROAD SIDE DITCHES AS PER CITY OF OTTAWA STANDARD DRAWING 'W21'.

SEWER NOTES

- CONSTRUCT ALL SEWER AND APPURTENANCES TO ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND DRAWINGS, AS WELL AS THE CITY OR TOWNSHIP STANDARDS AS INDICATED.
- SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
- BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR 'A', COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
- SUB-BEDDING, IF REQUIRED SHALL BE AS PER THE DIRECTION OF A GEOTECHNICAL ENGINEER.
- BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR 'A' OR SAND.
- TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0m BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
- SEWERS AND CONNECTIONS 150mm DIAMETER AND SMALLER TO BE PVC SDR 28 OR APPROVED EQUIVALENT. SEWERS AND CONNECTIONS 200mm DIAMETER AND LARGER TO BE PVC SDR 35 OR APPROVED EQUIVALENT.
- INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 1.5m OF COVER WITH THERMAL INSULATION (CATCHBASIN LEADS EXCEPTED).
- SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO: WITHIN 1m OF BUILDING - ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"x8" LONG MARKER.
- CONTRACTOR TO TELEVIEW (CCTV) ALL PROPOSED SEWERS ONSITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO THE SANITARY SEWER MAIN.



LOCATION PLAN

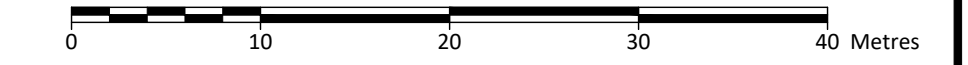
LEGEND

- BARRIER CURB
- CURB DEPRESSION
- HEAVY DUTY ASPHALT
- CONCRETE RAMP AND/OR WALKWAY
- SWALE CENTERLINE
- TERRACING @ 3:1 SLOPE UNLESS SPECIFIED
- STORM MANHOLE
- CATCH BASIN MANHOLE
- CATCH BASIN OR DITCH INLET
- LANDSCAPE CATCH BASIN
- PERFORATED SUBDRAIN
- SANITARY MANHOLE
- TYPICAL GRADE
- BOTTOM OF WALL GRADE
- SWALE GRADE
- TOP OF GRATE GRADE
- EXISTING GRADE (NOT SHOWN ON SURVEY)
- OVERLAND FLOW ROUTE
- 100yr PONDING
- 5yr PONDING
- GRADE MARKER
- SILT FENCE

8	REVISED FOR RESUBMISSION	MAY 02, 2025
7	REVISED PER UPDATED ENTRANCE LAYOUT	OCT 20, 2023
6	REVISED PROJECT TITLE	JUN 12, 2018
5	REVISED AS PER CITY COMMENT	JUN 06, 2018
4	REVISED PER NEW SITE PLAN	MAY 14, 2018
3	REVISED PER CITY COMMENTS (MAR 27/18)	APR 03, 2018
2	REVISED PER CITY COMMENTS (DEC 18/17)	FEB 12, 2018
1	ISSUED FOR SITE PLAN CONTROL	SEP 19, 2017

No. Revision/Issue Date

Check and verify all dimensions before proceeding with the work Do not scale drawings



750 PALLADIUM DRIVE, SUITE 310, KANATA, ON K2V1C7
Tel: 613-836-2184 Fax: 613-836-3742

Stamp:

Client: MYERS AUTOMOTIVE GROUP 1200 BASELINE ROAD OTTAWA, ON K2C 0A6	
Project: 540 DEALERSHIP DRIVE PROPOSED AUTOMOBILE DEALERSHIP OTTAWA ONTARIO	
Drawing Title: SITE SERVICING PLAN	
Scale: 1:400	Project Number: CP-17-0442
Drawn by: CDH	Drawing Number: C102
Checked By: CJM/RPK	
Designed By: CDH	SHEET 2 of 2
Date: AUG. 28, 2017	