GRADING NOTES:

- ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
- 2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.
- 3. ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- 4. IF SOFT SPOTS DEVELOP IN THE SUBGRADE DURING COMPACTION OR DUE TO CONSTRUCTION TRAFFIC, THE AFFECTED AREAS SHOULD BE EXCAVATED AND REPLACED WITH OPSS GRANULAR B TYPE II MATERIAL. WEAK SUBGRADE CONDITIONS MAY BE EXPERIENCED OVER SERVICE TRENCH FILL MATERIALS. THIS MAY REQUIRE THE USE OF GEOTEXTILE, THICKER SUBBASE OR OTHER MEASURES THAT CAN BE RECOMMENDED AT THE TIME OF CONSTRUCTION AS PART OF THE FIELD OBSERVATION PROGRAM.
- 5. THE GRANULAR BASE SHOULD BE PLACED IN 300mm LIFTS AND COMPACTED TO AT LEAST 99% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE COMPACTED TO AT LEAST 99% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
- 6. ON-SPECIFIED EXISTING FILL ALONG WITH SITE-EXCAVATED SOIL COULD BE PLACED AS GENERAL LANDSCAPING FILL WHERE SETTLEMENT OF THE GROUND SURFACE IS OF MINOR CONCERN. THESE MATERIALS SHOULD BE SPREAD IN LIFTS WITH A MAXIMUM THICKNESS OF 300 mm AND COMPACTED BY THE TRACKS OF THE SPREADING EQUIPMENT TO MINIMIZE VOIDS.
- 7. IF EXCAVATED BROWN SILTY CLAY, FREE OF ORGANICS AND DELETERIOUS MATERIALS, IS TO BE USED TO BUILD UP THE SUBGRADE LEVEL FOR AREAS TO BE PAVED, IT IS RECOMMENDED THAT THE MATERIAL BE PLACED UNDER DRY CONDITIONS AND ABOVE FREEZING TEMPERATURES. THE SILTY CLAY SHOULD BE COMPACTED IN THIN LIFTS TO AT LEAST 95% OF THE MATERIAL'S SPAND
- COMPACTED IN THIN LIFTS TO AT LEAST 95% OF THE MATERIAL'S SPMDD.

 8. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
- 9. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
- ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
- 11. ALL CURBS SHALL BE MOUNTABLE CURB (50mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1).
- 12. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE
- 13. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.

EROSION AND SEDIMENT CONTROL NOTES:

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

- 1) THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
- 2) THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
- EROSION FROM THE SITE DURING CONSTRUCTION.

 4) THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND

3) SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL

5) PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT

SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY

6) EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION

PAVEMENT STRUCTURE:

APPLICABLE REGULATORY AGENCY.

TRANSPORT OFFSITE

AUTHORITY.

DRIVEWAYS AND AT GRADE CAR PARKING AREAS 50mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE 150mm GRAN "A"

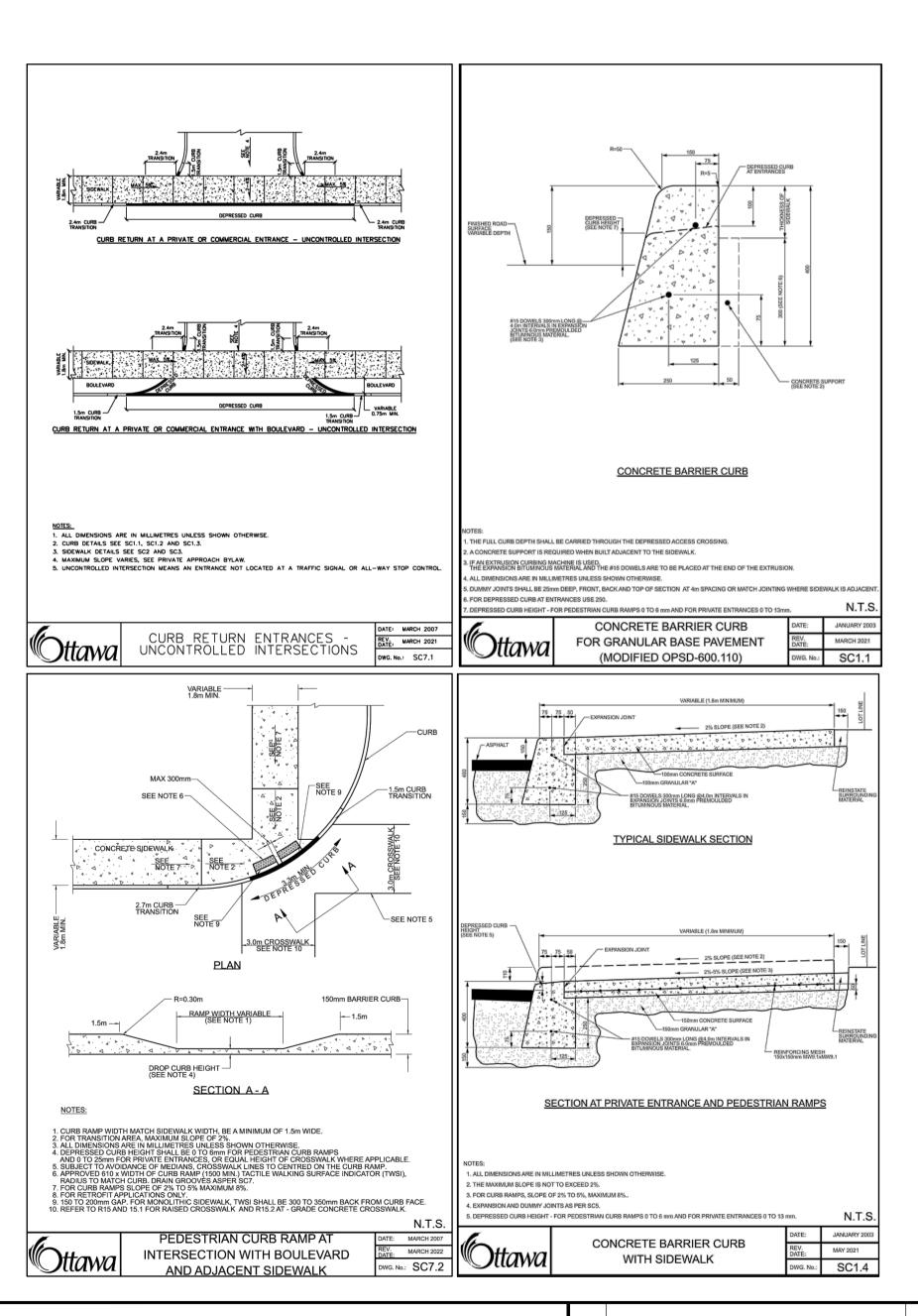
CATEGORY B SHOULD BE USED FOR DESIGN PURPOSES.

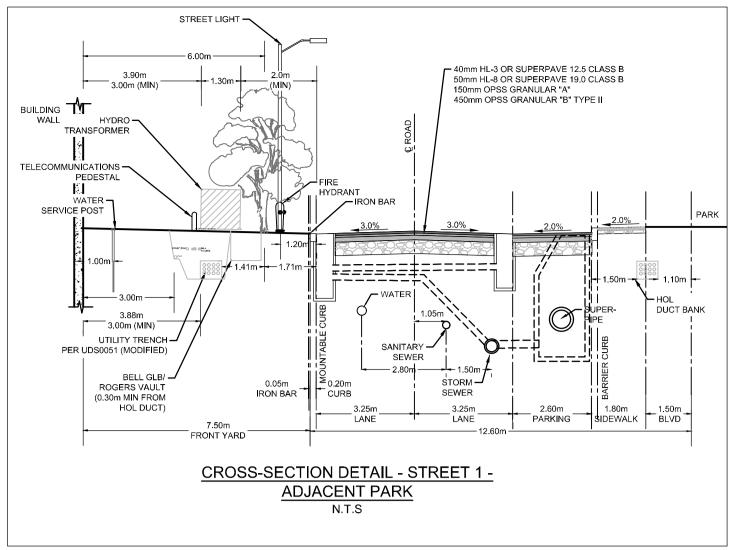
LOCAL RESIDENTIAL ROA
40mm HL3 OR SUPERPAV

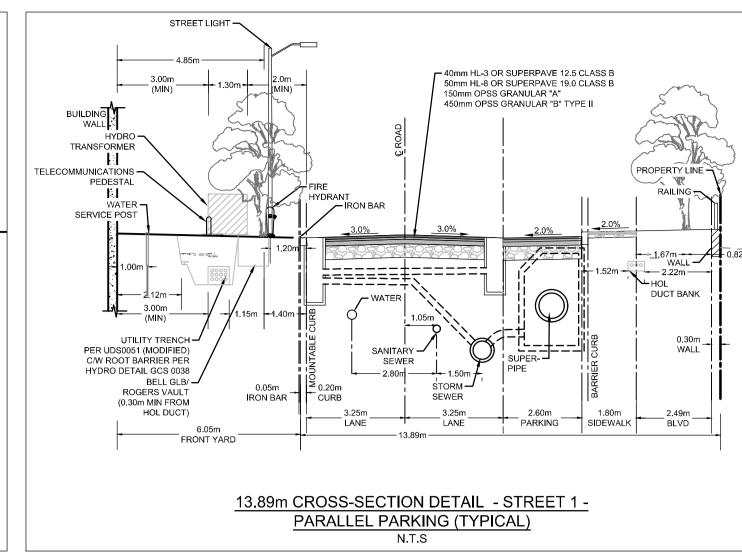
LOCAL RESIDENTIAL ROADS AND ACCESS LANES 40mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE 50mm HL8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE 150mm GRAN "A" 450mm GRAN "B" TYPE II

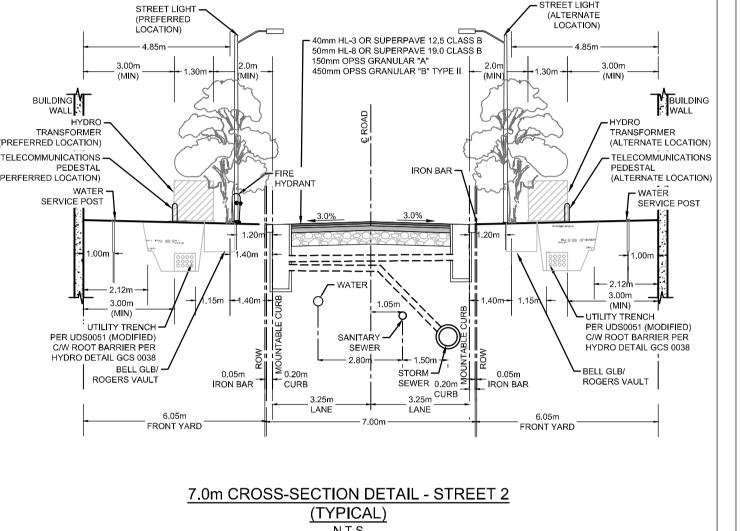
 UNDER PAVED AREAS, EXISTING CONSTRUCTION REMNANTS, SUCH AS FOUNDATION WALLS, SHOULD BE EXCAVATED TO A MINIMUM OF 1 m BELOW FINAL GRADE.
 MINIMUM PERFORMANCE GRADED (PG) 58-34 ASPHALT CEMENT SHOULD BE USED FOR THIS PROJECT. FOR RESIDENTIAL DRIVEWAYS AND CAR ONLY PARKING AREAS, AN ONTARIO

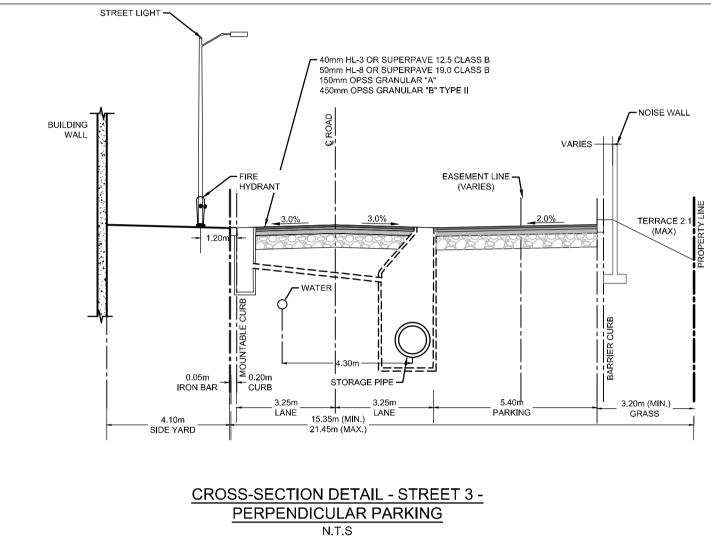
TRAFFIC CATEGORY A WILL BE USED. FOR LOCAL ROADWAYS, AN ONTARIO TRAFFIC

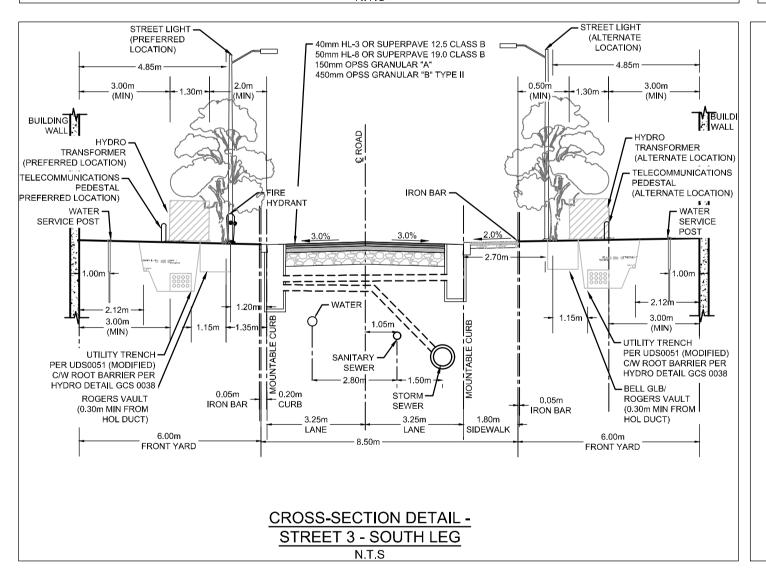


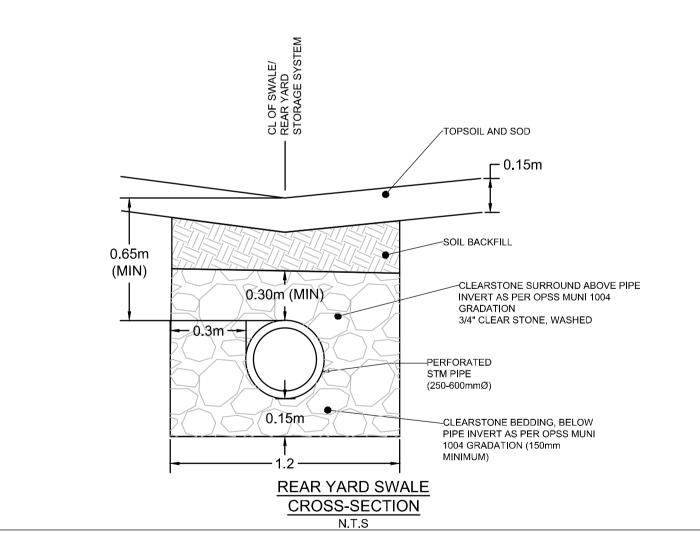












NOTE:

- 1. BARRIER CURB IS PROPOSED ADJACENT TO ON STREET PARKING
- AREAS. MOUNTABLE CURB IS PROPOSED IN ALL OTHER AREAS
- 2. ALL CURB TO BE AS PER CITY DETAIL SC1.1
- 3. PRIVATE STREETLIGHT CABLES TO MAINTAIN MIN. 300mm HORIZONTAL CLEARANCE FROM HOL DUCT BANK
- 4. GLB TO MAINTAIN 300mm (MIN) HORIZONTAL CLEARANCE TO HOL DUCT BANK

NOTE:
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.

CLARIDGE HOMES

CLARIDGE HOMES 505 PRESTON STREET, 2ND FLOOR OTTAWA, ONTARIO K1S 4N7.





7.	ISSUED FOR CITY APPROVAL	AUG 13/24	ARM
6.	REVISED SITE PLAN	JULY 12/24	ARM
5.	REVISED PER CITY COMMENTS	JAN 31/24	ARM
4	REVISED SITE PLAN	SEPT 29/23	ARM
3	ISSUED FOR UTILITY COORDINATION	SEPT 20/23	ARM
2.	REVISED PER CITY COMMENTS	MAY 26/23	GJM
1.	ISSUED IN SUPPORT OF DEVELOPMENT APPLICATIONS	NOV 01/22	GJM
No.	REVISION	DATE	BY

SCALE	DESIGN	FO
	ARM	
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AS SHOWN	GJM	PROFESSION METURY A.R. MESTWA
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	CJF/ARM	의 A.R.MESTW/ 100201604
	CHECKED	AUGUST
	ARM	ROUNCE OF O
	APPROVED	WCE OF O

GJM



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(613) 254-5867

www.novatech-eng.com

Facsimile

Website

LOCATION
CITY OF OTTAWA
2510 St. LAURENT BOULEVARD

DRAWING NAME
NOTES AND DETAILS
GRADING

PROJECT No.

122040

REV

REV#7

DRAWING No.

122040-ND2

122040-ND2 DWG - 841mmx594m