

**LEGEND**

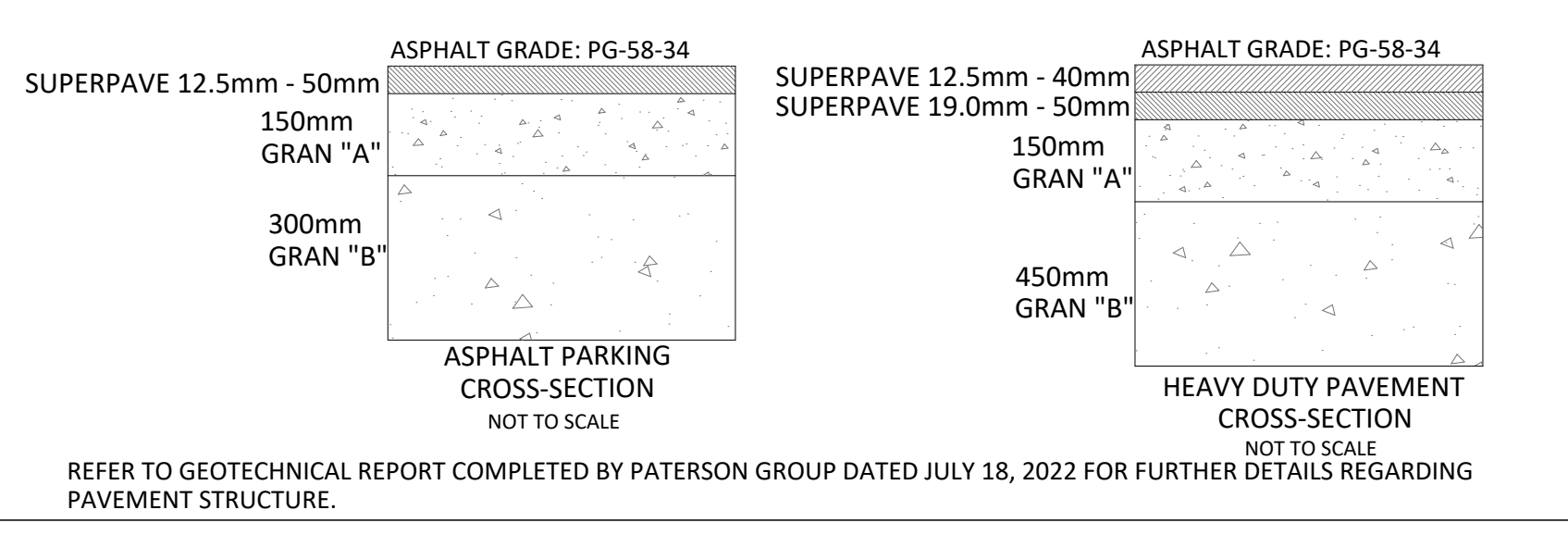
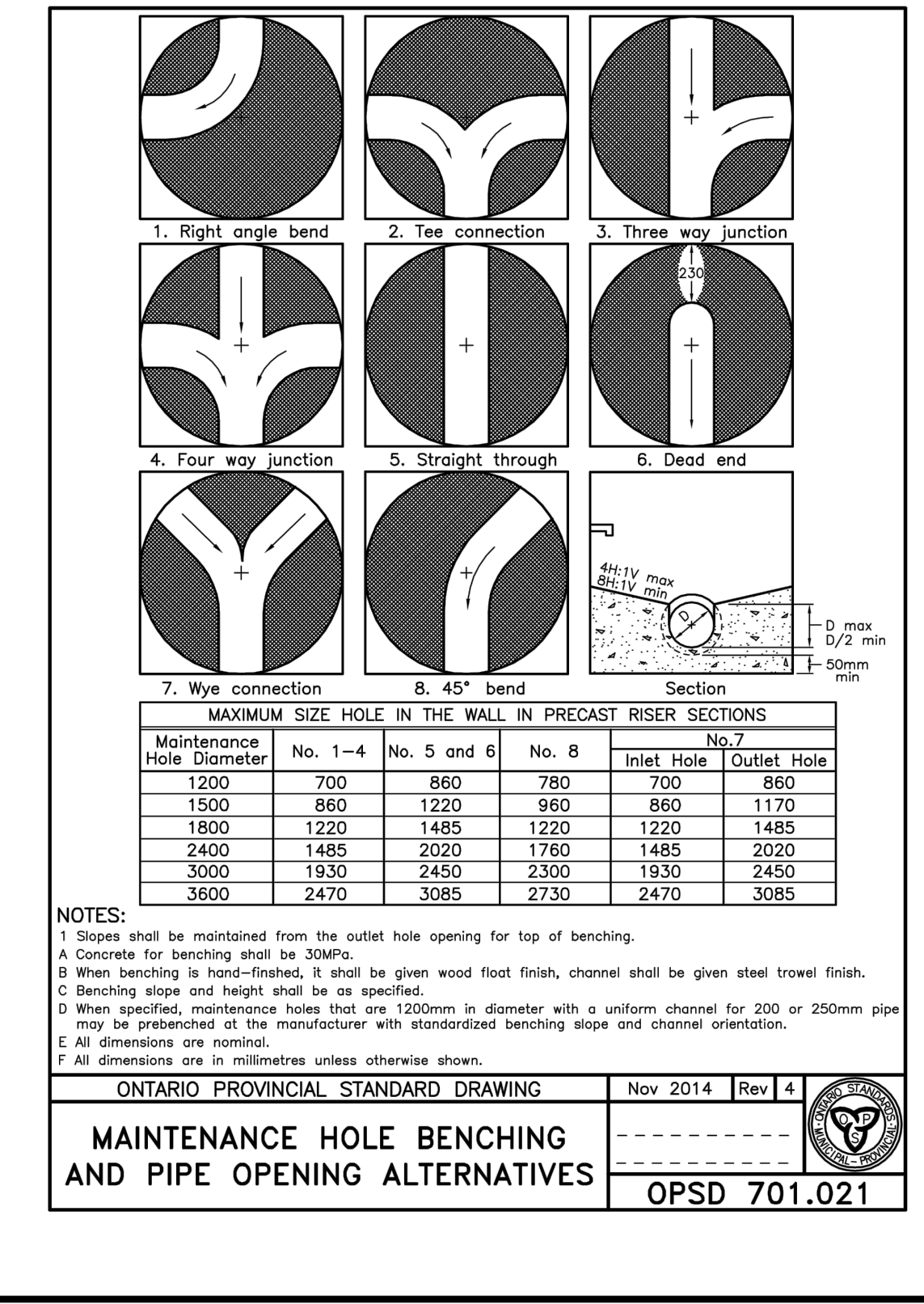
---	PROPERTY LINE	---	CENTRELINE OF SWALE
DC	BARRIER CURB & CURB DEPRESSION	---	CENTRELINE OF DITCH
---	PROPOSED ASPHALT	---	SLOPING AT 3:1 UNLESS SPECIFIED
---	PROPOSED HEAVY DUTY ASPHALT	---	PROPOSED ELEVATION
---	CONCRETE WALKWAY	---	EXISTING ELEVATION
○	MH#	---	SWALE ELEVATION
○	STORM MANHOLE	---	TOP/BOTTOM WALL FACE ELEVATIONS
○	CATCHBASIN, CURB INLET OR DITCH INLET	---	EMERGENCY OVERLAND FLOW ROUTE
○	LANDSCAPE CATCHBASIN	---	SILT FENCE BARRIER PER OPSD 219.110
○	MHHA	---	STRAW BALE CHECK DAM PER OPSD 219.180
○	PERFORATED PIPE	---	INLET SEDIMENT CONTROL DEVICE
○	WATER VALVE/CHAMBER	---	BUILDING ENTRANCE OVERHEAD DOOR
○	PROPOSED FIRE HYDRANT PER CITY WIS & WIS	---	REDUCER
○	WATER WELL LOCATION	---	SIAMESE CONNECTION
○	PROPOSED BOLLARD	---	
○	PROPOSED WALL	---	
○	ROOF DRAIN AND SCUPPER LOCATION	---	

**FOR REVIEW ONLY  
NOT FOR CONSTRUCTION**

4	ISSUED FOR REVIEW	APR 14, 2023
3	ISSUED FOR REVIEW	DEC 20, 2022
2	ISSUED FOR REVIEW	APR 8, 2022
1	ISSUED FOR REVIEW	NOV 2, 2021
No.	Revisions	Date

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

- 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 SHOWN HEREON HAVE BEEN DERIVED FROM INFORMATION SUPPLIED BY (OR SHOWN ON) FARLEY, SMYTH & DENIS SURVEYING LTD. SURVEY PLAN #639-20, DATED NOVEMBER 27, 2020 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 BEFORE COMMENCING CONSTRUCTION.
  4. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION PHASING AND LAYOUT. A PHASING PLAN SHALL BE ESTABLISHED FOR THE REALIGNMENT OF THE PROPOSED WATER AND SANITARY SERVICES TO ENSURE CONTINUAL SERVICE FOR THE OFF-SITE FLOWS.
  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. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.
  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. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
  9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
  10. 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.
  11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE CITY.
  12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING.
  13. CONTACT THE CITY 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 CITY'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
  14. CONTACT THE CITY 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 CITY'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. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY:
    - ELECTRICAL SERVICE - HYDRO OTTAWA,
    - GAS SERVICE - ENBRIDGE,
    - TELEPHONE SERVICE - BELL CANADA,
    - TELEVISION SERVICE - ROGERS.
  17. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO OTTAWA, BELL AND THE CITY.
  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.
  20. NO EXCESS DRAINAGE, EITHER DURING OR AFTER CONSTRUCTION, IS TO BE DIRECTED TOWARDS NEIGHBORING PROPERTIES.
  21. NO ALTERATION OF EXISTING GRADES AND DRAINAGE PATTERNS OR PROPERTY BOUNDARIES.
  22. THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL REPORT COMPLETED BY PATERSON GROUP AND DATE JULY 18, 2022.



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Stamp: [Professional Engineer Seal]

Client: **RBJ SCHLEGEL HOLDINGS**  
 325 MAX BECKER DRIVE SUITE 201  
 KITCHENER, ON N2E 4H5

Project: **SCHLEGEL VILLAGES OTTAWA**  
 1919 RIVERSIDE DRIVE

Drawing Title: **SITE GRADING AND DRAINAGE PLAN**

Scale: 1:400 Project Number: CCO-21-2955

Drawn By: R.R.R. Checked By: R.D.F. Designed By: R.R.R.

**C101**