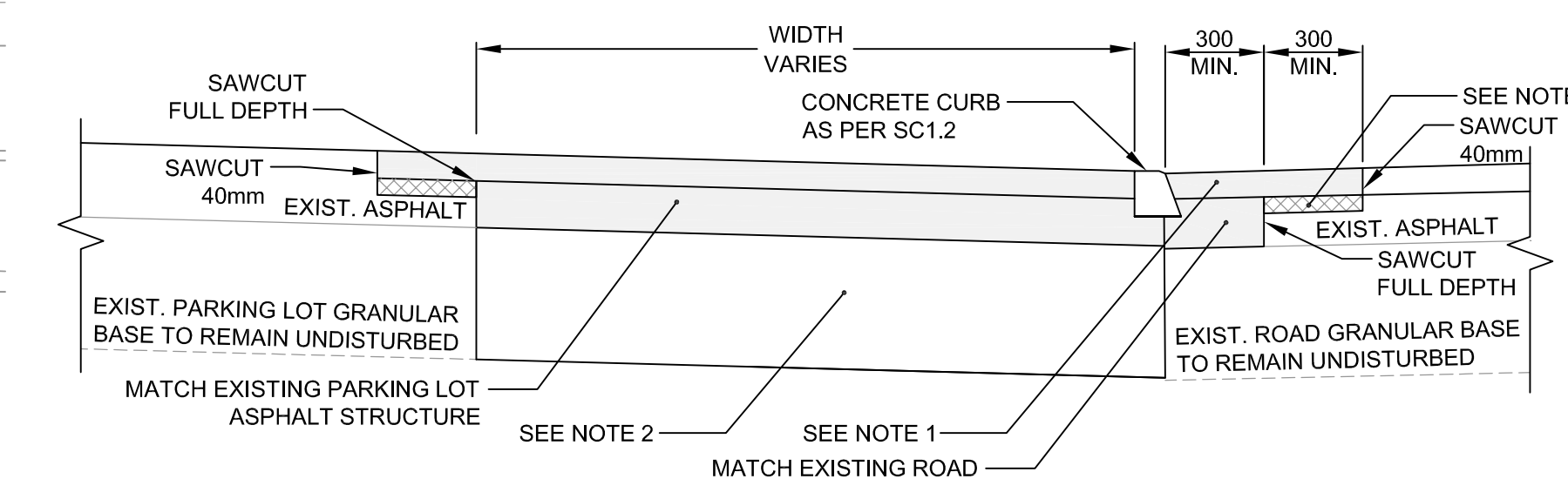
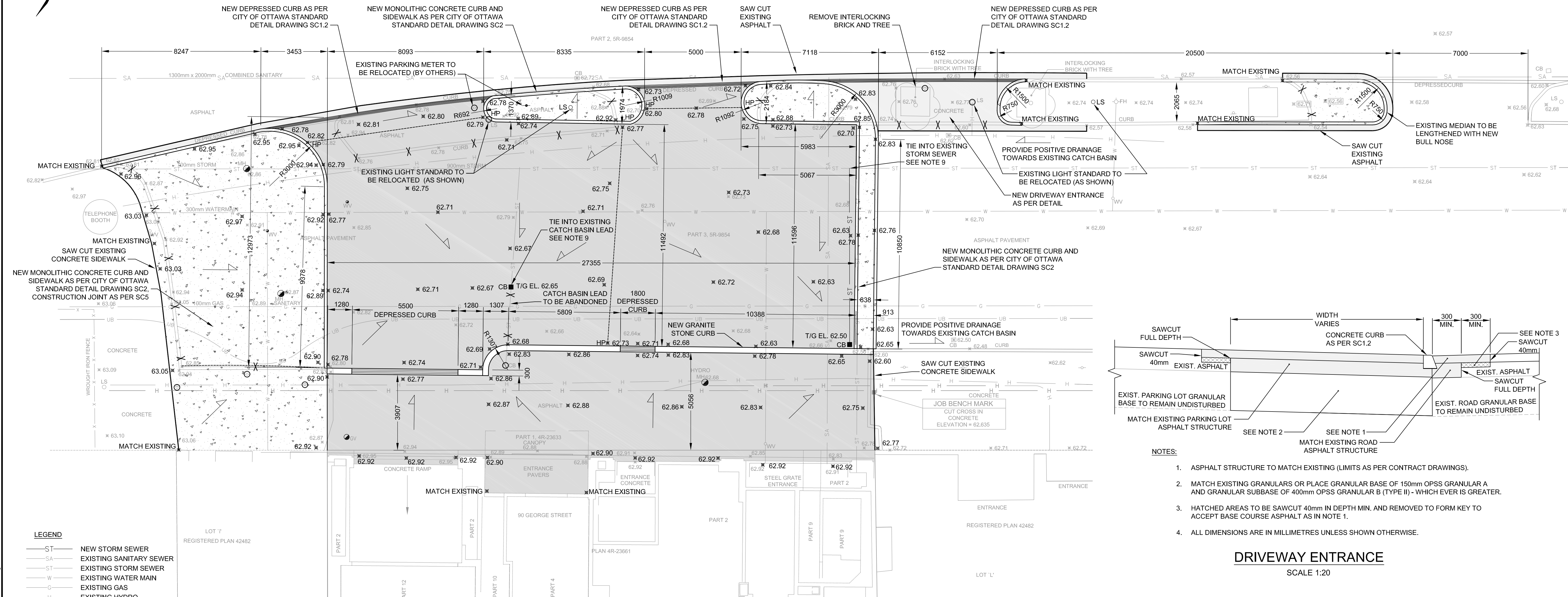


GEORGE STREET



- NOTES:**
1. ASPHALT STRUCTURE TO MATCH EXISTING (LIMITS AS PER CONTRACT DRAWINGS).
 2. MATCH EXISTING GRANULARS OR PLACE GRANULAR BASE OF 150mm OPSS GRANULAR A AND GRANULAR SUBBASE OF 400mm OPSS GRANULAR B (TYPE II) - WHICH EVER IS GREATER.
 3. HATCHED AREAS TO BE SAWCUT 40mm IN DEPTH MIN. AND REMOVED TO FORM KEY TO ACCEPT BASE COURSE ASPHALT AS IN NOTE 1.
 4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

DRIVEWAY ENTRANCE
SCALE 1:20

PRELIMINARY

- LEGEND**
- ST NEW STORM SEWER
 - SA EXISTING SANITARY SEWER
 - ST EXISTING STORM SEWER
 - W EXISTING WATER MAIN
 - G EXISTING GAS
 - H EXISTING HYDRO
 - UB EXISTING UNDERGROUND BELL
 - NEW SURFACE ELEVATION
 - EXISTING SURFACE ELEVATION
 - EXISTING WATER VALVE
 - EXISTING GAS VALVE
 - EXISTING MAINTENANCE HOLE
 - EXISTING CATCH BASIN
 - EXISTING PARKING METER
 - EXISTING LIGHT STANDARD
 - HP HIGH POINT FOR GRADING
 - ADJUST WATER VALVE
 - ADJUST GAS VALVE
 - ADJUST MAINTENANCE HOLE
 - NEW 600mm x 600mm CATCH BASIN
 - NEW PARKING METER
 - NEW LIGHT STANDARD
 - REMOVAL OF CATCH BASIN
 - REMOVAL OF PARKING METER
 - REMOVAL OF LIGHT STANDARD
 - REMOVAL OF EXISTING CURB
 - NEW CONCRETE CURB
 - NEW PREFABRICATED CONCRETE PAVERS
 - NEW CONCRETE SIDEWALK
 - NEW FULL DEPTH ASPHALT

- GENERAL NOTES:**
1. THE ORIGINAL TOPOGRAPHIC SURVEYING DATA AND EXISTING CONDITIONS REPRESENTED ON THIS PLAN HAS BEEN PROVIDED BY FAIRHALL, MOFFATT & WOODLAND ONTARIO LAND SURVEYORS (REGISTERED PLAN NO. 42482).
 2. CITY OF OTTAWA STANDARD DRAWINGS GOVERN CONSTRUCTION AND INSTALLATION UNLESS OTHERWISE INDICATED.
 3. PIPE MATERIALS AND APPURTENANCES FOR SEWERS AND LATERALS AS PER CITY OF OTTAWA MATERIAL SPECIFICATIONS.
 4. SINGLE CATCH BASINS AS PER OPSD 705.010 WITH MINIMUM PIPE SIZE OF 200mm DIA. @ 1.0% MIN & 8.0% MAX. C/W GRATE AS PER S19.1.
 5. ALL ABANDONED CATCH BASIN STRUCTURES ARE TO BE REMOVED IN ACCORDANCE WITH OPSS 510 AND CITY OF OTTAWA S.P. NO. F-4104. (SEE NOTE #6 FOR ABANDONMENT OF CATCH BASIN LEADS.)
 6. ABANDON SEWER PIPES AND CATCH BASIN RUNS IN ACCORDANCE TO OPSS 510 - CONSTRUCTION SPECIFICATION FOR REMOVALS AND CITY OF OTTAWA S.P. NO. F-4104.
 7. RIGID BOARD INSULATION SHALL BE USED WHERE STORM SEWER PIPE DEPTH IS LESS THAN 2.0 METRE.
 8. ALL UNDERGROUND PLANT SHOWN IN APPROXIMATE LOCATION ONLY AS PER RECORDS. PLANT TO BE LOCATED PRIOR TO CONSTRUCTION. CONTRACTOR TO CHECK, VERIFY, AND BE RESPONSIBLE FOR ALL UNDERGROUND SERVICES AND UTILITIES.
 9. AT CONNECTION POINTS TO EXISTING STORM SEWER, CONTRACTOR TO VERIFY EXISTING INVERTS PRIOR TO INSTALLATION OF NEW PIPE AND CATCH BASINS, TO ALLOW FOR ADJUSTMENTS IN SLOPE IF REQUIRED.
 10. REFER TO STUART WEBSTER DESIGN STREETSCAPE DESIGN PLAN FOR DETAILS RELATED TO THE INSTALLATION OF THE PREFABRICATED CONCRETE PAVERS AND GRANITE STONE CURB.

Conditions of Use

Verify elevations and/or dimensions on drawing prior to use. Report any discrepancies to Dillon Consulting Limited.

Do not scale dimensions from drawing.

Do not modify drawing, re-use it, or use it for purposes other than those intended at the time of its preparation without prior written permission from Dillon Consulting Limited.



DESIGN	PJL	REVIEWED BY	GSH
DRAWN	AJM	CHECKED BY	LDM
APPROVED			
DATE	JULY 2009		
SCALE	1:100		
ISSUED FOR	ISSUED FOR CITY APPROVAL	DATE	24-JUL-09
BY	PJL		

PROJECT NO.	09-2189
SHEET NO.	C001
FORECOURT GRADING AND DRAINAGE PLAN RIDEAU TOWER 90 GEORGE STREET OTTAWA	

24 July 2009 9:24:52 AM C:\user\2009092-189-90 George St Ltd - Forecourt Grading & Drainage Design\issued\ISSUED FOR CITY APPROVAL\09-2189-C001.dwg