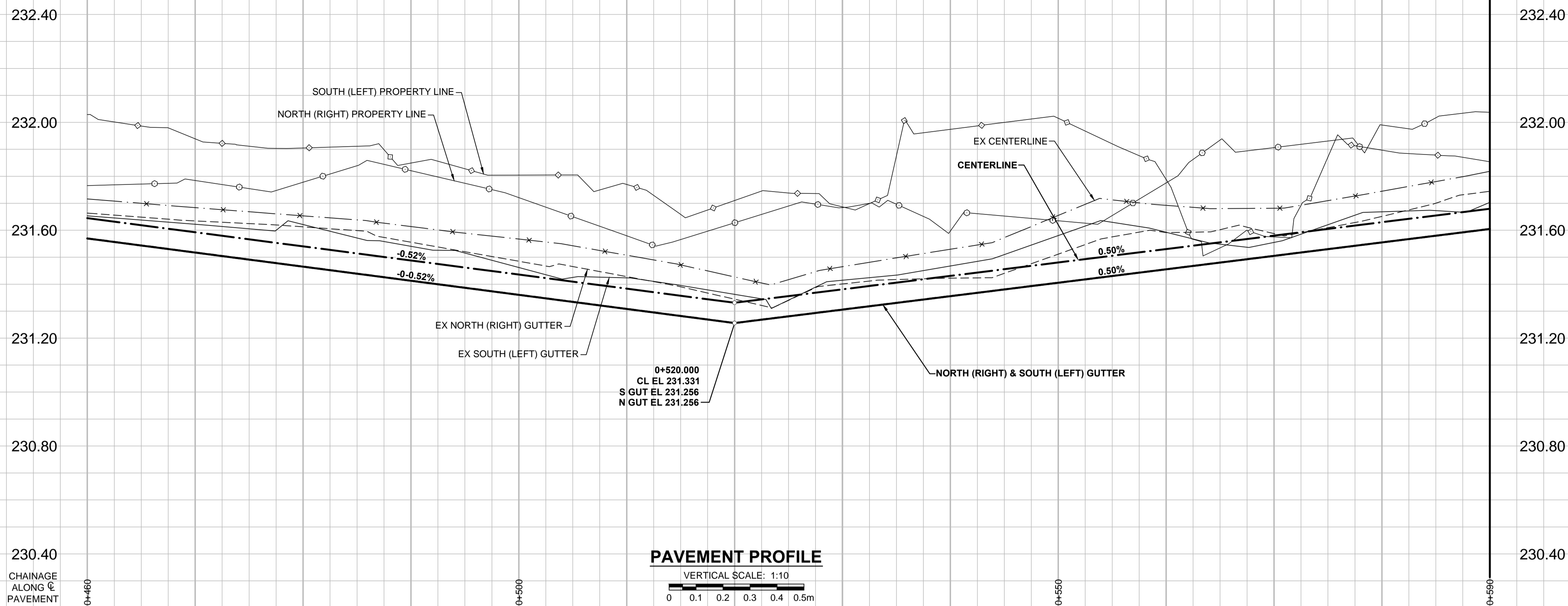


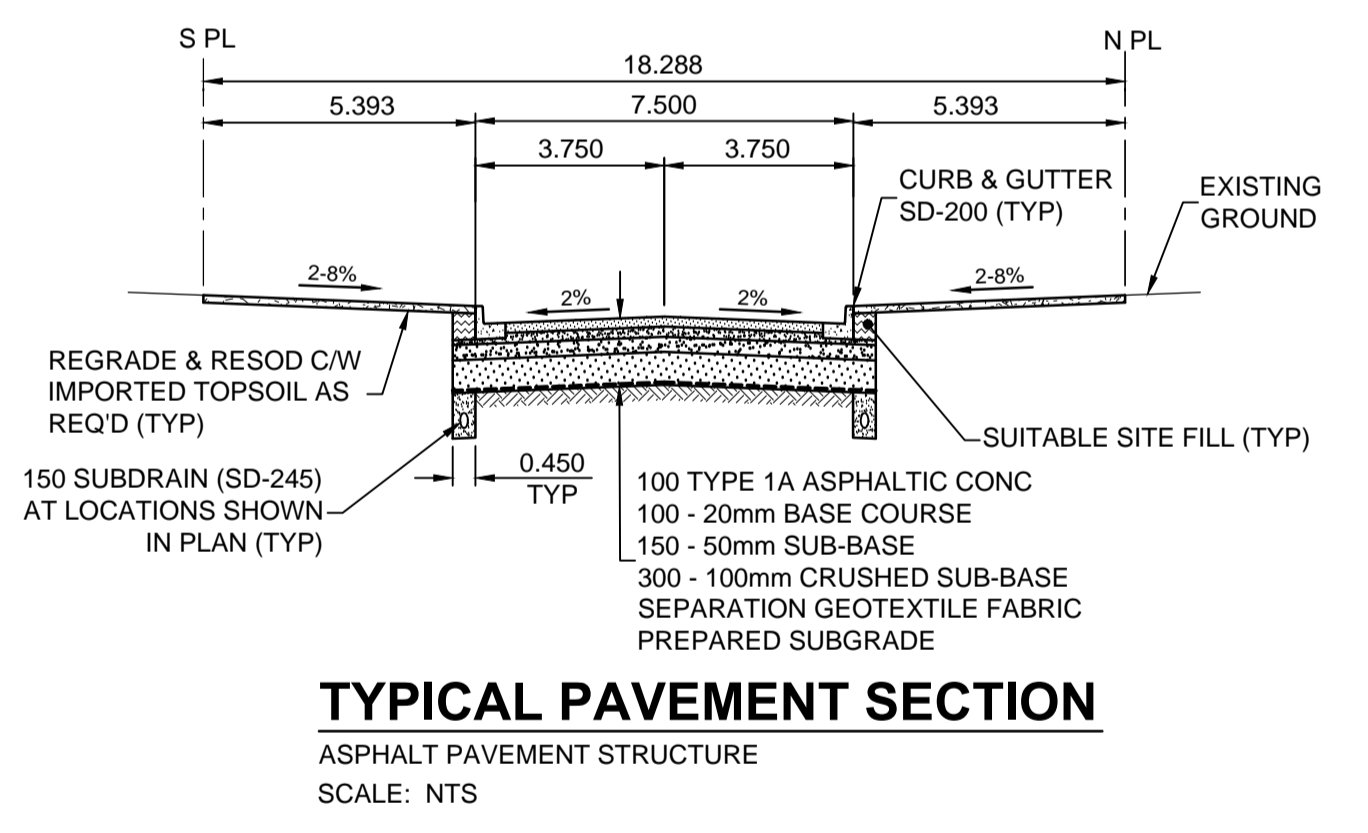
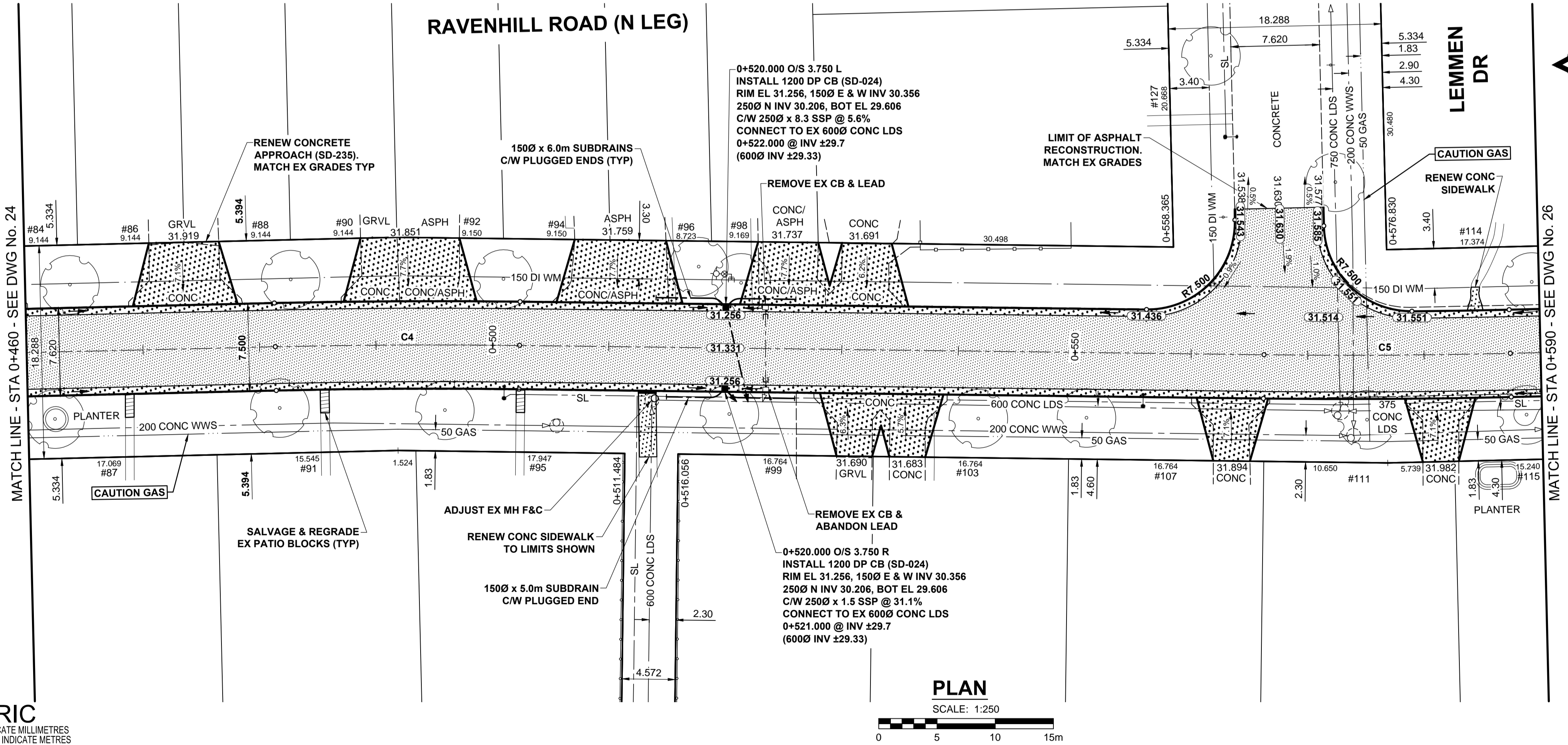
A1 SIZE 594mm x 841mm



- NOTES**
- ADJUST MH AND CB RIMS TO NEW GRADES.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
 - CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII AND BULLNOSES.
 - CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O/C.
 - ADD 200.00m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - IN GENERAL, PAVEMENT AND SIDEWALK AREAS TO BE REMOVED. MATCH RECONSTRUCTION LIMITS.
 - REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.

PLOT: 3/31/2015 11:47:40 AM

FILE NAME: W150004 Ravenhill-PP-04.dwg Saved By: dlane



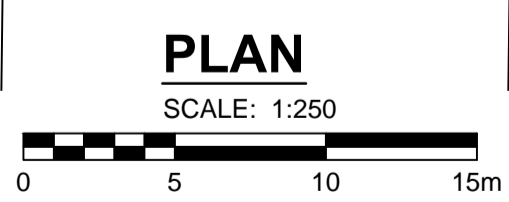
CONTROL LINE - COORDINATES

NAME	NORTHING	EASTING
PT 0+437.006	9816.153	10210.876
PC 0+481.360	9835.430	10170.930
PT 0+502.339	9844.886	10152.204
PC 0+566.256	9874.722	10095.678
PT 0+587.404	9884.252	10076.801
PC 0+710.535	9937.735	9965.891

CONTROL LINE - CURVES

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C4	582.000	20.979	2°03'55"	10.490
C5	582.000	21.148	2°04'55"	10.575

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



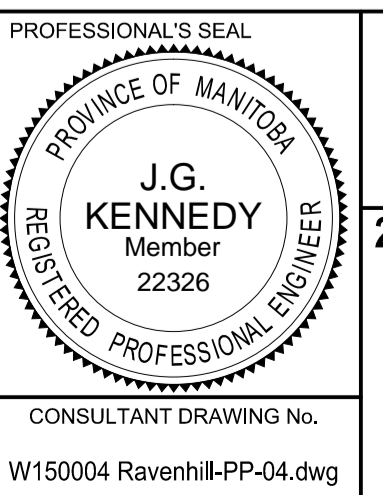
LEGEND - PLAN		LEGEND - PLAN		LEGEND - PLAN		LEGEND - PLAN	
EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW
	GAS		MANHOLE		CONCRETE PAVEMENT		LOCATION APPROVED
	HYDRO		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN		UNDERGROUND STRUCTURES
	CATV / FIBRE OPTIC		CURB INLET WITH BOX		ASPHALT PAVEMENT		SUPR. U/G STRUCTURES
	TRAFFIC SIGNALS / PIT		TREE		PAVING STONE		DATE
	LAND DRAINAGE SEWER		TEST HOLE		GRAVEL		NOTE:
	SANITARY/COMBINED SEWER		PROPERTY LINE		RAMP CURB		LOCATION OF UNDERGROUND STRUCTURES
	SEWER SERV/DRAINAGE CONN		SURVEY BAR		PLANING / REMOVAL		EXISTENCE AND EXACT LOCATION OF ALL SERVICES
	WATERMAIN		BOC / EDGE OF PAVEMENT				INDIVIDUAL UTILITIES
	SUBDRAIN		ELEVATION				CONSTRUCTION WITH CONSTRUCTION
	DITCH		TRAFFIC SIGN				

LOCATION APPROVED UNDERGROUND STRUCTURES

NO.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	15/03/16	JGK
A	ISSUED FOR CITY REVIEW	15/03/16	JGK

MORRISON HERSHFIELD

DESIGNED BY	JGK	CHECKED BY	RPB
DRAWN BY	DML	APPROVED BY	BWB
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:10		
DATE	15/03/16	DATE	



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2015 LOCAL STREET & ALLEY RENEWAL PROGRAM
RAVENHILL ROAD
ANTRIM RD TO TU-PELO AV
ASPHALT RECONSTRUCTION
HORIZONTAL AND VERTICAL ALIGNMENT
STA 0+460 TO STA 0+590

CITY DRAWING NUMBER: N/A
SHEET 25 OF 39
DRAWING No. 25
REV B

BID OPPORTUNITY No. 19-2015