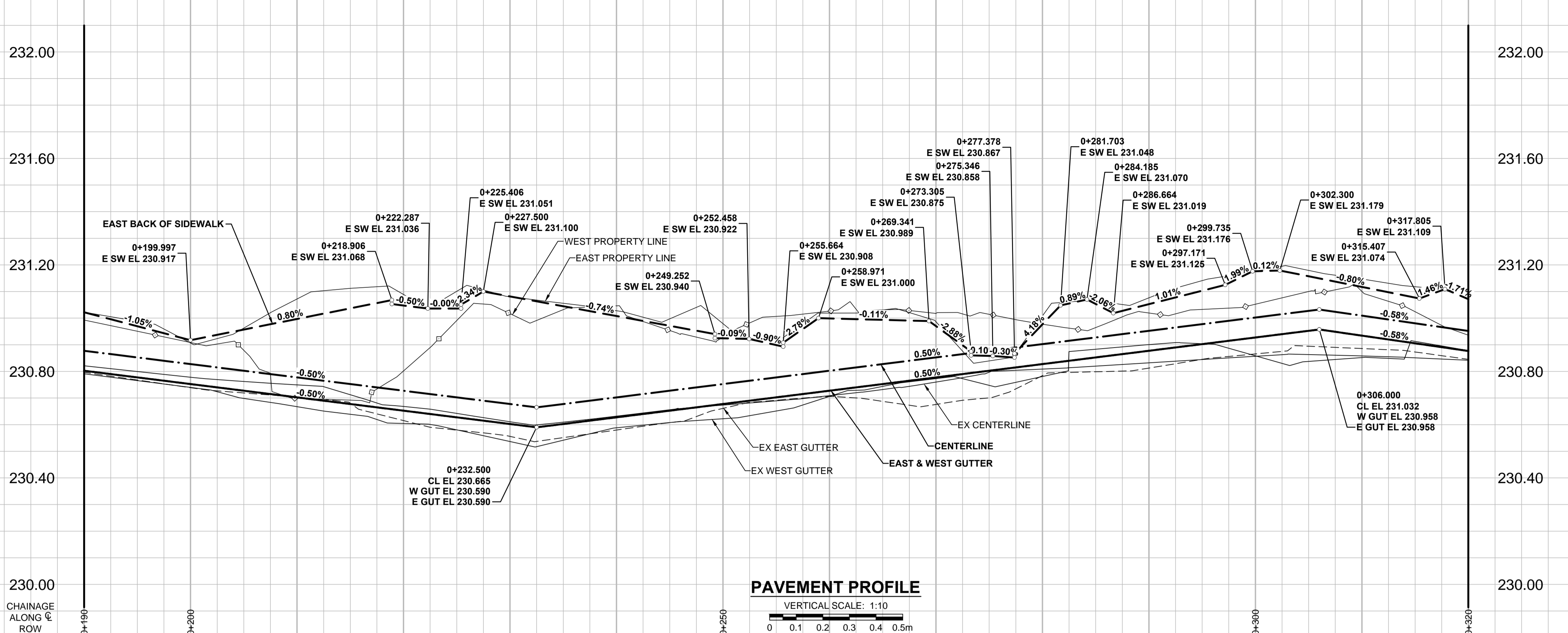


A1 SIZE 594mm x 841mm  
PLOT: 3/31/2015 11:43:47 AM  
FILE NAME: W150004-Reay-PP-02.dwg, Saved By: djbne



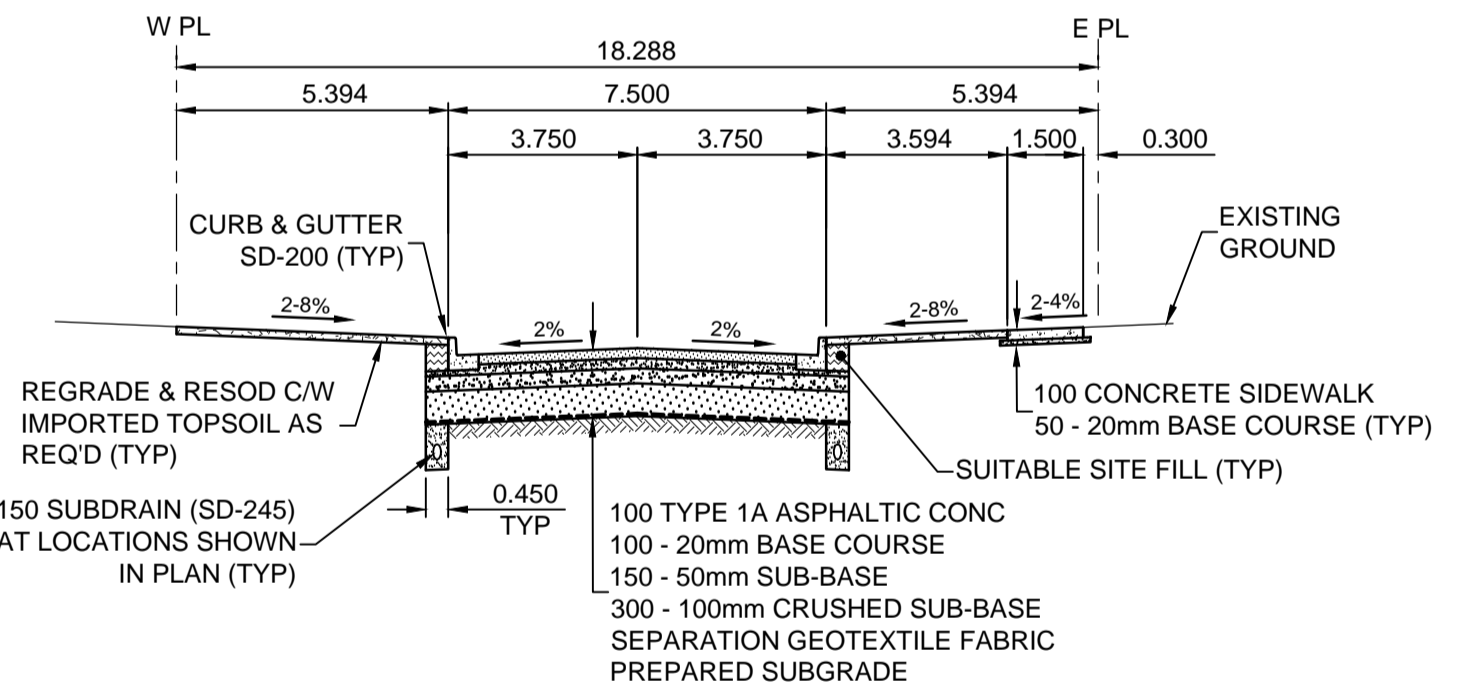
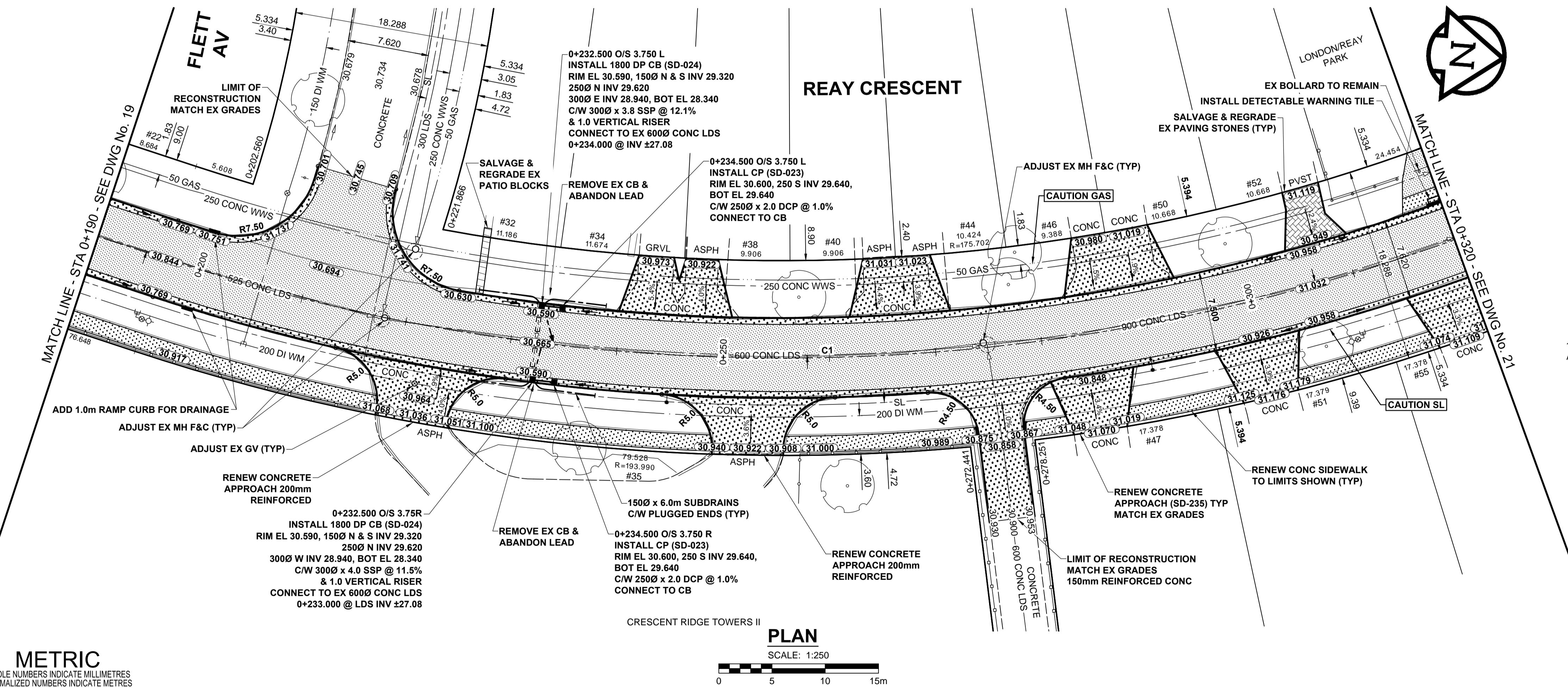
- NOTES**
- ADJUST MH AND CB RIMS TO NEW GRADES.
  - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
  - CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO 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.
  - IN GENERAL, PAVEMENT AND SIDEWALK AREAS TO BE REMOVED. MATCH RECONSTRUCTION LIMITS.
  - CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O.C.
  - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
  - REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.

**CONTROL LINE - COORDINATES**

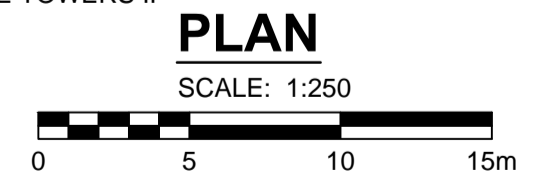
NAME	NORTHING	EASTING
POT 0+090.000	9682.310	10048.205
PC 0+196.660	9785.914	10073.558
PT 0+335.775	9920.508	10055.096
POT 0+440.000	10011.335	10003.978

**CONTROL LINE - CURVES**

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	184.846	139.115	43°07'15"	73.038



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES



EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	
	GAS		MANHOLE		CONCRETE PAVEMENT		LOCATION APPROVED		GBM 11-024
	MTS		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN		S.W. Cor. London St. & Reay Cres.		ELEV 290.592
	HYDRO		CURB INLET WITH BOX		ASPHALT PAVEMENT		SUPR. U/G STRUCTURES		DATE
	CATV / FIBRE OPTIC		TREE		PAVING STONE		COMMITTEE		NOTE:
	TRAFFIC SIGNALS / PIT		TEST HOLE		GRAVEL		LOCATION OF UNDERGROUND STRUCTURES		INFORMATION AVAILABLE, BUT NO
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB		GUARANTEE IS GIVEN THAT ALL EXISTING		EXISTENCE AND EXACT LOCATION OF ALL
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING / REMOVAL		UTILITIES ARE SHOWN OR THAT THE GIVEN		LOCATIONS ARE EXACT. CONFIRMATION OF
	SEWER SERV/DRAINAGE CONN		FENCE		EXISTING WITH CONSTRUCTION		CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL		SERVICES MUST BE OBTAINED FROM THE
	WATERMAIN		BOC / EDGE OF PAVEMENT		NEW		INDIVIDUAL UTILITIES BEFORE PROCEEDING		WITH CONSTRUCTION.
	SUBDRAIN		ELEVATION		EXISTING		NO. REVISIONS		DATE
	DITCH		TRAFFIC SIGN		EXISTING		Y/M/MD		BY

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

**MORRISON HERSHFELD**

PROFESSIONAL'S SEAL  
R.P. BRUCE  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING No. W150004 Reay-PP-02.dwg

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2015 LOCAL STREET & ALLEY RENEWAL PROGRAM  
**REAY CRESCENT**  
ANTRIM RD TO LONDON ST  
ASPHALT RECONSTRUCTION  
HORIZONTAL AND VERTICAL ALIGNMENT  
STA 0+190 TO STA 0+320

CITY DRAWING NUMBER: N/A  
SHEET 20 OF 39  
DRAWING No. 20  
REV B

BID OPPORTUNITY No. 19-2015