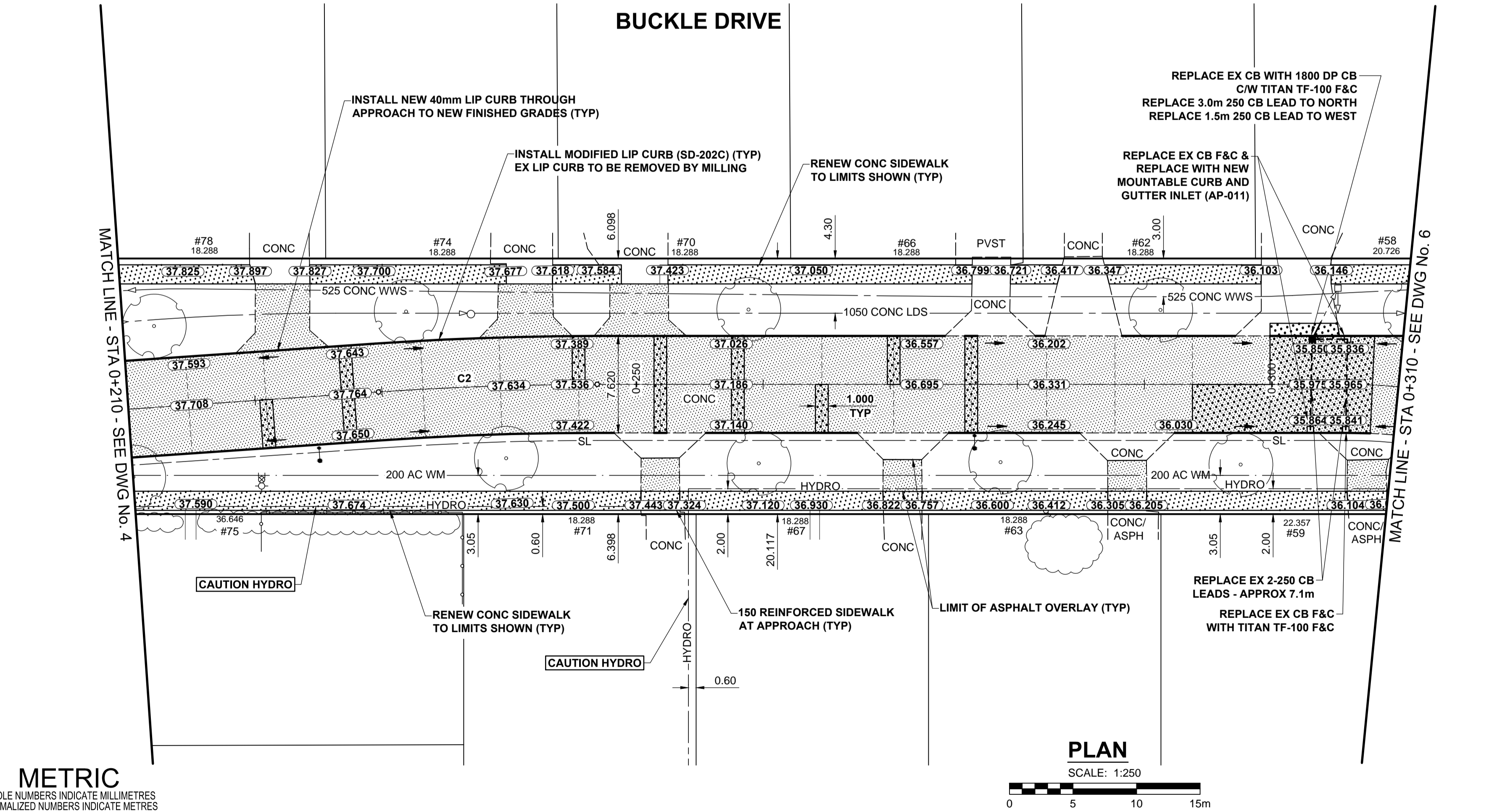
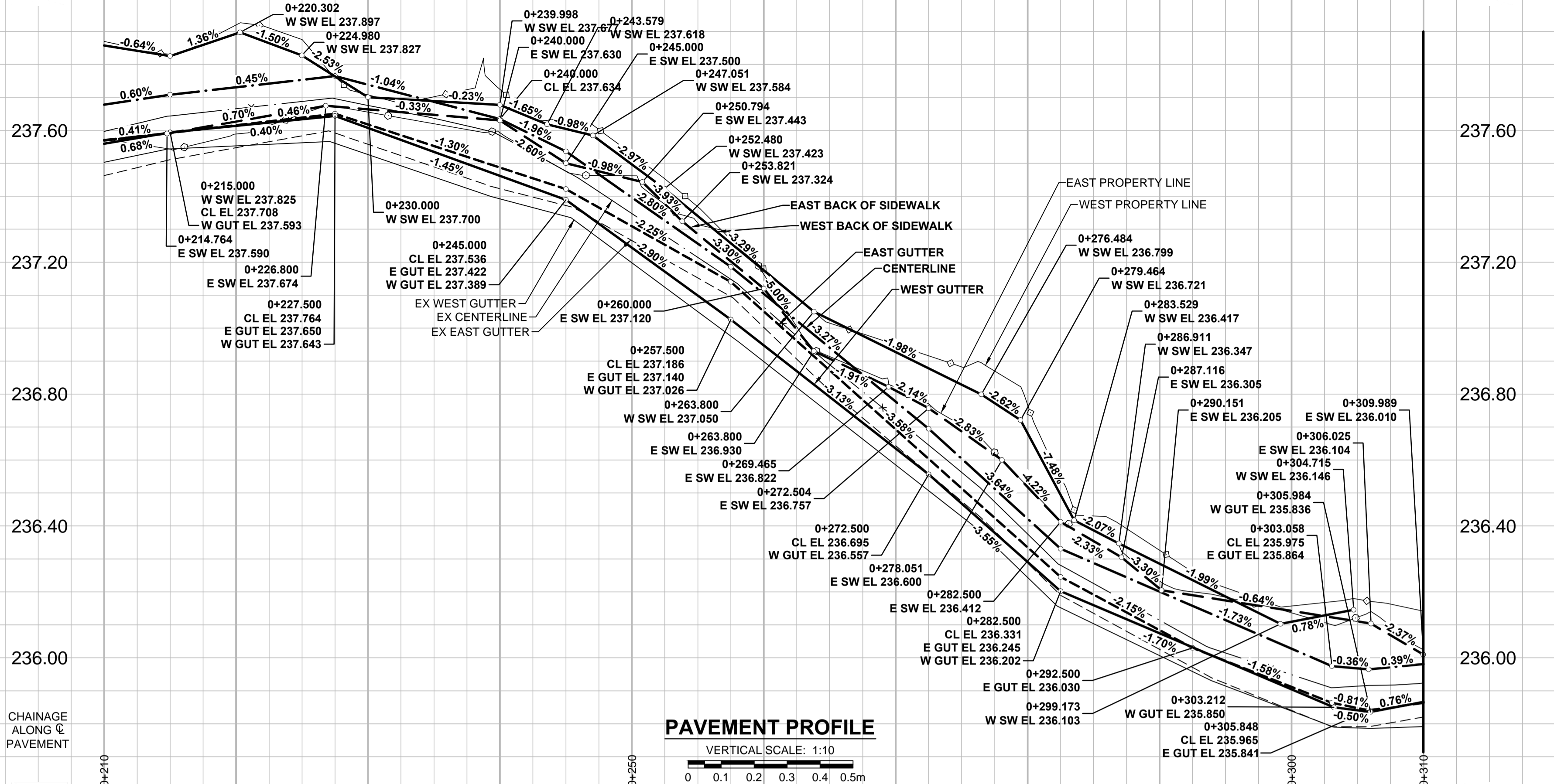


A1 SIZE 594mm x 841mm
PLOT: 4/29/2015 5:51:22 PM
FILE NAME: W150003 Buckle-PP-02.dwg Saved By: diane



- 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.
 - CONTRACTOR TO OVERLAY DRIVEWAYS TO ENSURE POSITIVE DRAINAGE TO NEW STREET GRADES. FINAL LIMITS TO BE DETERMINED IN THE FIELD BY CONTRACT ADMINISTRATOR.
 - CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O/C.
 - REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.
 - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.

CONTROL LINE - COORDINATES		
NAME	NORTHING	EASTING
PT 0+156.204	10036.604	9990.865
PC 0+229.729	10110.107	9989.067
PT 0+246.951	10127.324	9989.239
PC 0+306.136	10186.451	9991.868
PT 0+326.703	10205.875	9997.909

CONTROL LINE - CURVES				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C2	250.000	17.222	3°56'49"	8.614
C3	40.000	20.568	29°27'40"	10.517

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 UNDERGROUND STRUCTURES	□
□	MTS	□	CATCH BASIN / CATCH PIT	■	CONC SIDEWALK / MEDIAN	▨	DATE	□
△	HYDRO	△	CURB INLET WITH BOX	▲	ASPHALT PAVEMENT	▨	COMMITTEE	□
—	CATV / FIBRE OPTIC	—	TREE	▨	PAVING STONE	▨	NOTE:	□
—	TRAFFIC SIGNALS / PIT	—	TEST HOLE	▨	GRAVEL	▨	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	□
—	LAND DRAINAGE SEWER	—	PROPERTY LINE	▨	RAMP CURB	▨	GBM 82-014 ELEV 233.134	□
—	SANITARY/COMBINED SEWER	—	SURVEY BAR	▨	PLANING / REMOVAL	▨	S.E. Cor. Delhouise Dr. & St. Edmund's Bay, 7th fl. W. W. Conc. foundation of No. 3 St. Edmund's Bay, 3.0 m S. & 0.3 m below street of N.W. Cor. of most W. wall of house.	□
—	SEWER SERV/DRAINAGE CONN	—	FENCE	▨		▨		□
—	WATERMAIN	—	BOC / EDGE OF PAVEMENT	▨		▨		□
—	SUBDRAIN	—	ELEVATION	▨		▨		□
—	DITCH	—	TRAFFIC SIGN	▨		▨		□

DESIGNED BY	BY	CHECKED BY	BY
RPB	RPB	WRJ	WRJ
DRAWN BY	DML	APPROVED BY	BWB
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:10		
DATE	15/04/28	DATE	

MORRISON HERSHFELD

DESIGNED BY: RPB
DRAWN BY: DML
CHECKED BY: WRJ
APPROVED BY: BWB

HOR. SCALE: 1:250
VERT. SCALE: 1:10
DATE: 15/04/28

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
R.P. BRUCE

CONSULTANT DRAWING No.
W150003 Buckle-PP-02.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2015 LOCAL STREET & ALLEY RENEWAL PROGRAM
BUCKLE DRIVE
BETSWORTH AV TO CARLOTTA CR
REHABILITATION
HORIZONTAL AND VERTICAL ALIGNMENT
STA 0+210 TO STA 0+310

CITY DRAWING NUMBER: N/A
SHEET 5 OF 31
DRAWING No. 5
REV B

BID OPPORTUNITY No. 18-2015