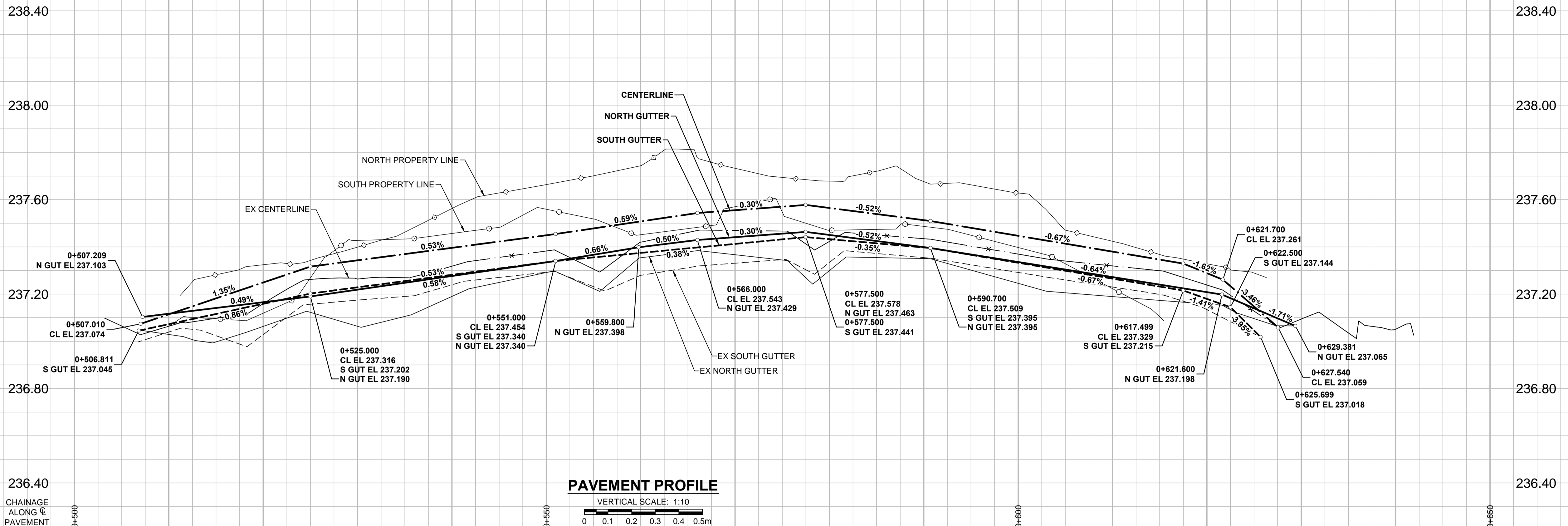
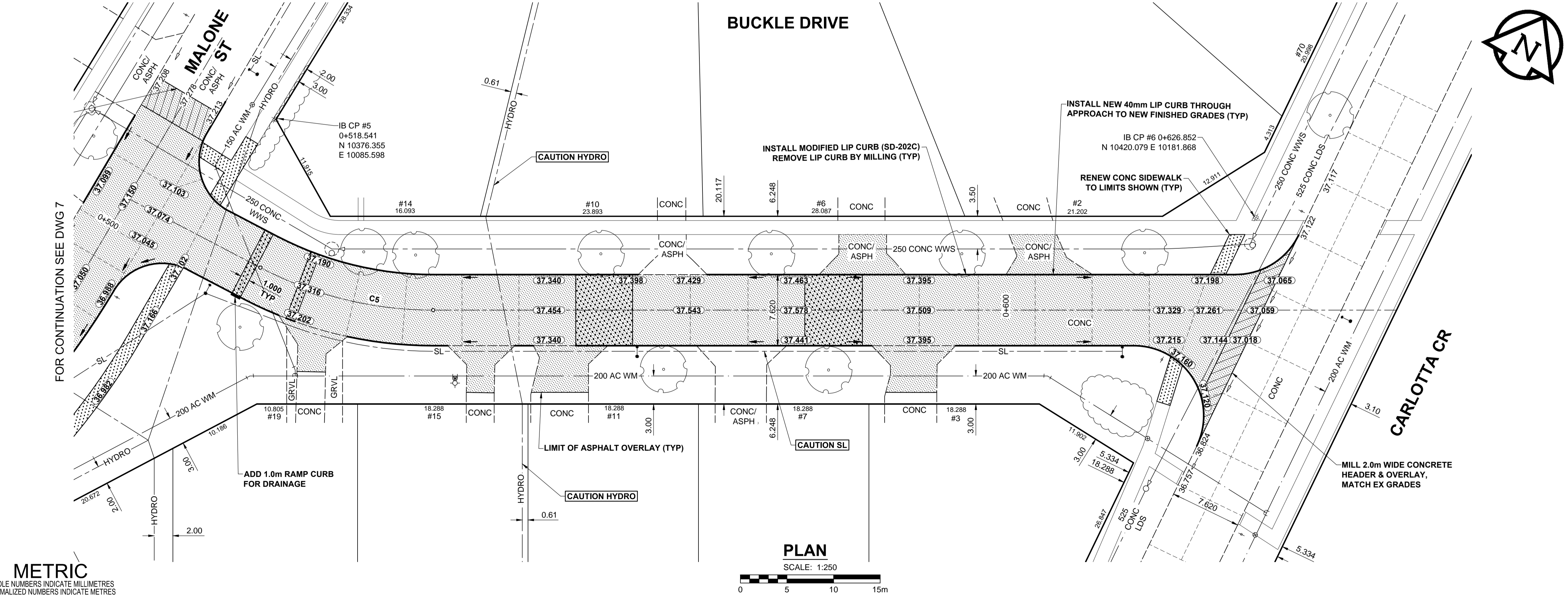


A1 SIZE 594mm x 841mm  
PLOT: 4/29/2015 5:53:41 PM  
FILE NAME: W150003 Buckle-PP-05.dwg Saved By: diane



**PAVEMENT PROFILE**  
VERTICAL SCALE: 1:10  
0 0.1 0.2 0.3 0.4 0.5m

- 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.



**PLAN**  
SCALE: 1:250  
0 5 10 15m

CONTROL LINE - COORDINATES		
NAME	NORTHING	EASTING
POT 0+503.195	10361.083	10076.107
PC 0+519.311	10361.795	10092.208
PT 0+538.584	10367.164	10110.524
POT 0+630.000	10413.066	10189.581

CONTROL LINE - CURVES				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C5	40.000	19.272	27°36'20"	9.827

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

	GAS		MANHOLE		CONCRETE PAVEMENT	<b>LOCATION APPROVED</b> UNDERGROUND STRUCTURES SUPR. U/G STRUCTURES DATE COMMITTEE NOTE: 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.
	MTS		CATCH BASIN / CATCH PIT		CONC SIDEWALK / MEDIAN	
	HYDRO		CURB INLET WITH BOX		ASPHALT PAVEMENT	B ISSUED FOR TENDER 15/04/20 RPB A ISSUED FOR CITY REVIEW 15/04/28 RPB No. REVISIONS YYMMDDI BY
	CATV / FIBRE OPTIC		TREE		PAVING STONE	
	TRAFFIC SIGNALS / PIT		TEST HOLE		GRAVEL	DESIGNED BY RPB CHECKED BY WRJ DRAWN BY DML APPROVED BY BWB HOR. SCALE 1:250 VERT. SCALE 1:10 DATE 15/04/28
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB	PROFESSIONAL'S SEAL PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER R.P. BRUCE CONSULTANT DRAWING No. W150003 Buckle-PP-05.dwg
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING / REMOVAL	
	SEWER SERV/DRAINAGE CONN		FENCE			<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION 2015 LOCAL STREET & ALLEY RENEWAL PROGRAM <b>BUCKLE DRIVE</b> BETSWORTH AV TO CARLOTTA CR REHABILITATION HORIZONTAL AND VERTICAL ALIGNMENT STA 0+500 TO STA 0+650
	WATERMAIN		BOC / EDGE OF PAVEMENT			CITY DRAWING NUMBER N/A SHEET 8 OF 31 DRAWING No. 8 REV B
	SUBDRAIN		ELEVATION (33.100)			
	DITCH		TRAFFIC SIGN			
	EXISTING		LEGEND - PLAN		NEW	

**APEGM**  
Certificate of Authorization  
MORRISON HERSHFELD  
No. 1736

BID OPPORTUNITY No. 18-2015