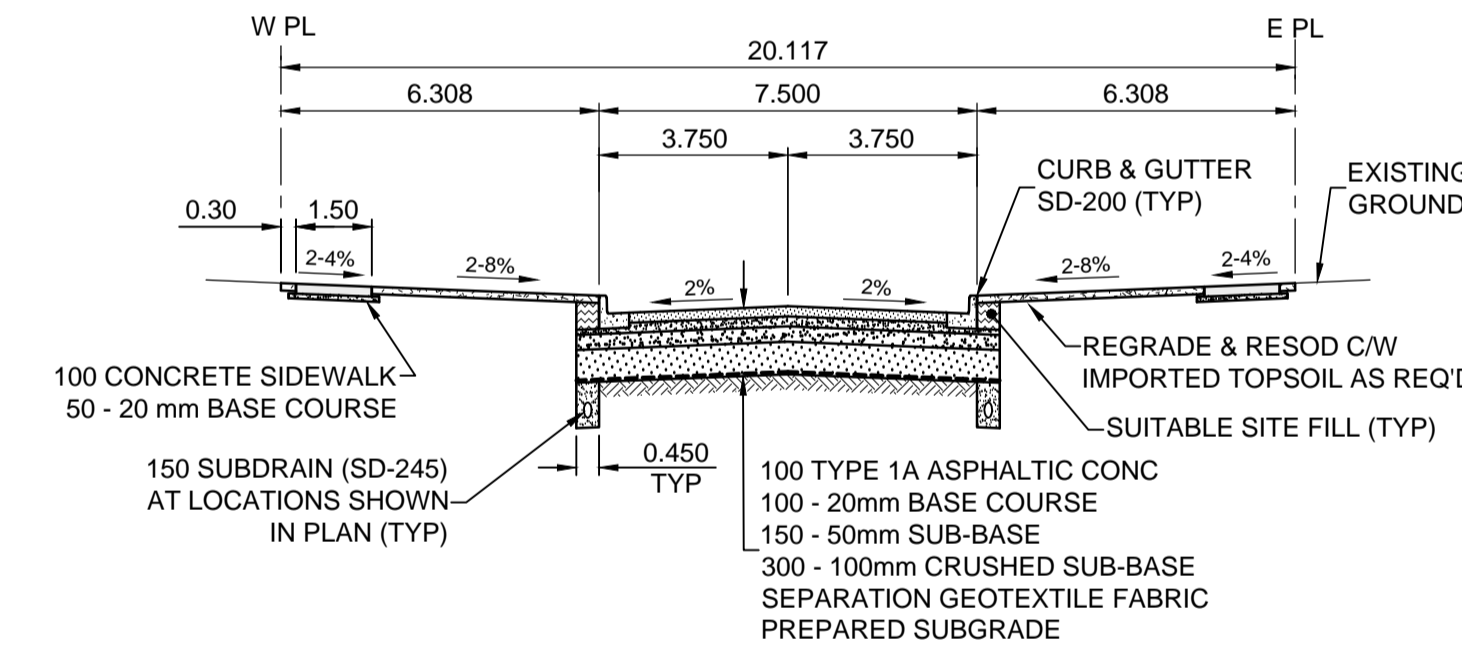
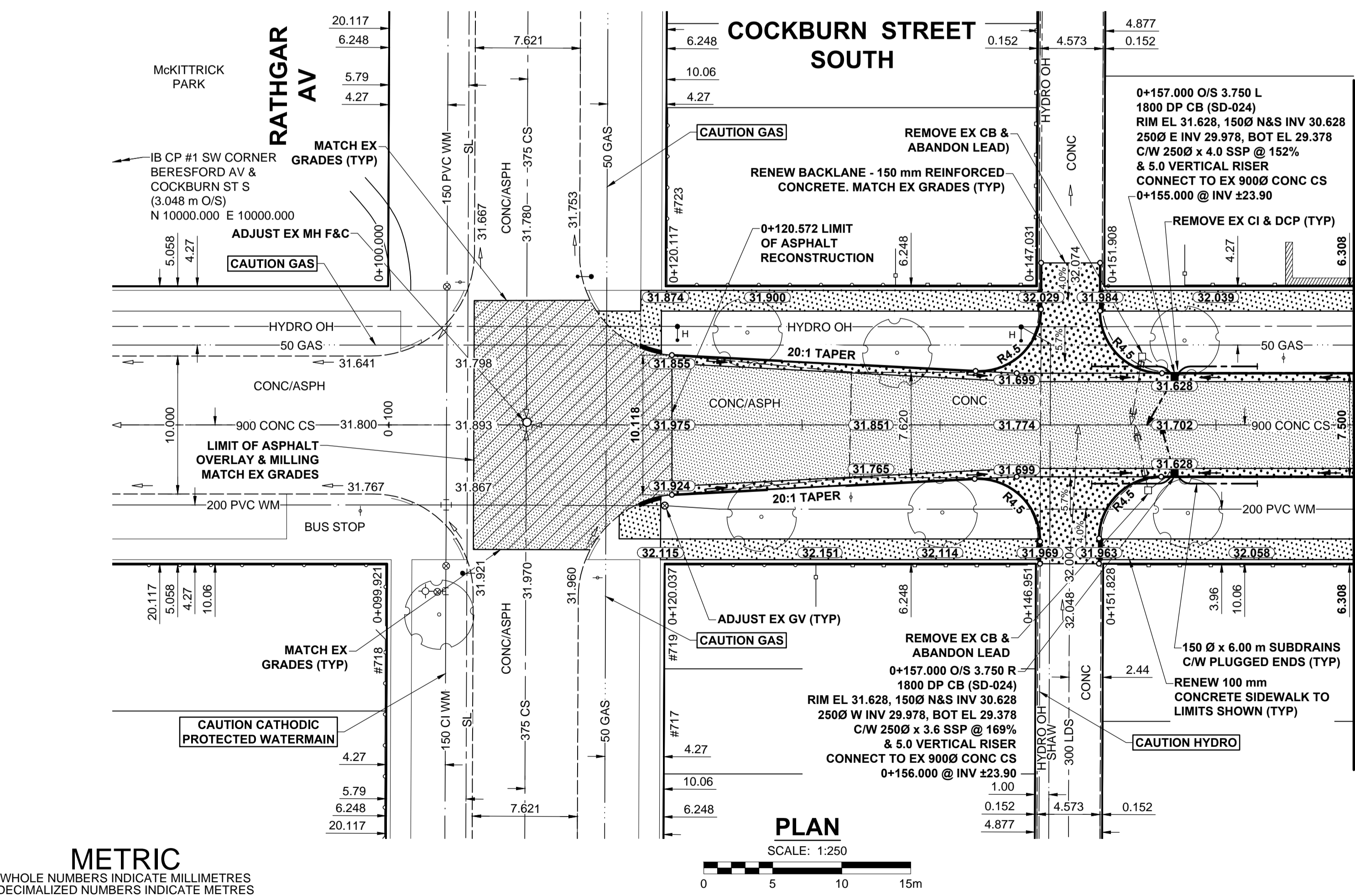


- NOTES**
- ADJUST MH AND CB RIMS TO NEW GRADES.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
 - CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO 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.
 - CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O.C.
 - IN GENERAL, PAVEMENT AND SIDEWALK AREAS TO BE REMOVED. MATCH RECONSTRUCTION LIMITS.
 - REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.
 - ALL EXISTING LONG WATER SERVICES TO BE INSULATED (SD-018). REFER TO BID OPPORTUNITY FOR FURTHER REQUIREMENTS.
 - ALL COSTS, MATERIALS AND LABOR ASSOCIATED WITH THE RESTORATION OF THE CATHODIC PROTECTED WATERMAIN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.



TYPICAL PAVEMENT SECTION
ASPHALT PAVEMENT STRUCTURE
SCALE: NTS

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 HANDWELL/PEDESTAL	□	CATCH BASIN/CATCH PIT	■	CONC SIDEWALK/MEDIAN	---	DATE	---
---	HYDRO HANDWELL/CABINET	△	CURB INLET WITH BOX	▲	ASPHALT PAVEMENT	---	COMMITTEE	---
---	CATV/FIBRE OPTIC	○	TREE	●	PAVING STONE	---	DATE	---
---	TRAFFIC SIGNALS/PIT	⊕	TEST HOLE	⊕	GRAVEL	---	NOTE:	---
---	LAND DRAINAGE SEWER	---	PROPERTY LINE	---	RAMP CURB	---	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.	---
---	SANITARY/COMBINED SEWER	---	SURVEY BAR	---	PLANING/REMOVAL	---		---
---	CB LEAD/SSP/DCP	---	FENCE	---		---		---
---	WATERMAIN	---	BOC/EDGE OF PAVEMENT	---		---		---
---	SUBDRAIN	---	ELEVATION	(33.333)		---		---
---	DITCH	---	TRAFFIC SIGN	---		---		---
---		---		---		---		---

LOCATION APPROVED UNDERGROUND 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.

No.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	16/04/14	RPB
A	ISSUED FOR CLIENT REVIEW	16/03/18	RPB

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

R.P. BRUCE

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W160015-Cockburn-PP-01.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREETS PACKAGE
COCKBURN STREET SOUTH
RATHGAR AV TO KYLEMORE AV
ASPHALT RECONSTRUCTION
HORIZONTAL AND VERTICAL ALIGNMENT
RATHGAR AV TO STA 0+170

CITY DRAWING NUMBER
N/A

SHEET 16 OF 17

DRAWING No. REV
16 B

APEGM
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736
BID OPPORTUNITY No. 180-2016

MORRISON HERSHFIELD

DESIGNED BY	CHECKED BY	DATE
RPB	WRJ	16/03/09
DRAWN BY	APPROVED BY	DATE
DML	BWB	16/03/09

HOR SCALE	VERT SCALE	RELEASED FOR CONSTRUCTION
1:250	1:10	DATE