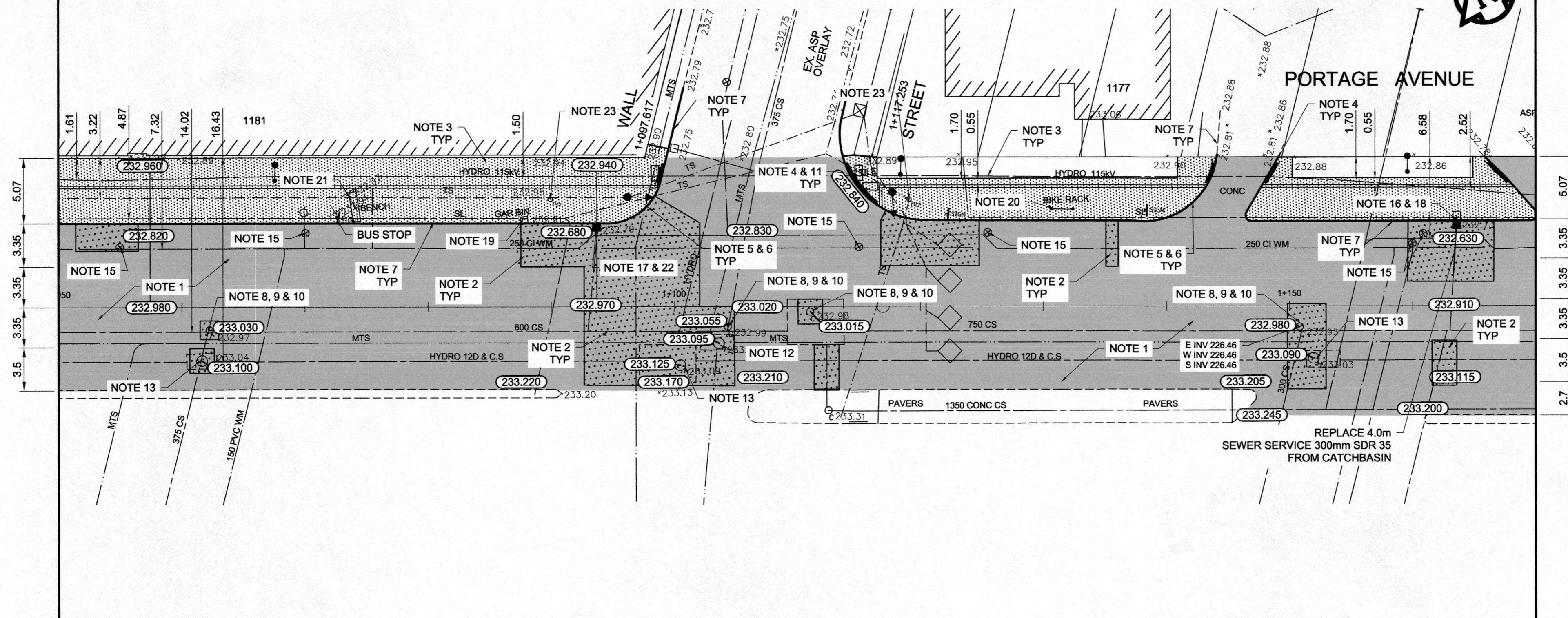


- REFERENCE NOTES**
- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - B. BASELINE IS 12.0M SOUTH OF NORTH GUTTER
  - C. PROPERTY LINES OBTAINED FROM THE CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - D. REFER TO AECOM FIELD BOOK NO. 4821, 4822 & 4823

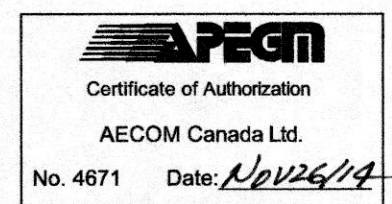
- CONSTRUCTION NOTES:**
1. PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC PAVEMENT OVERLAY TYPE 1A (AVERAGE THICKNESS 85mm)
  2. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w 85mm TYPE 1A ASPHALT OVERLAY
  3. REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT NEW 100mm SIDEWALK c/w PAVING STONE BAND (SEE DETAIL 1)
  4. RENEW EXISTING MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
  5. CONSTRUCT NEW MODIFIED BARRIER CURB (150mm AVG. HT. SEPARATE)
  6. REMOVE EXISTING BARRIER CURB
  7. RENEW BARRIER CURB (100mm AVG. HT. REVEAL)
  8. ADJUST EXISTING CATCH BASIN/MANHOLE TO GRADE
  9. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-004 AND AP-005)
  10. INSTALL NEW CAST IRON RISER RING
  11. INSTALL NEW DETECTABLE SURFACE WARNING TILES
  12. ADJUST MTS MANHOLE FRAME AND COVER c/w 50mm CAST IRON RISER RING
  13. ADJUST EXISTING HYDRO MANHOLE (BY OTHERS)
  14. ADJUST EXISTING CURB STOP TO GRADE
  15. INSTALL NEW VALVE BOX EXTENSION
  16. REMOVE EXISTING CATCHBASIN AND CURB INLET
  17. REMOVE EXISTING CURB BOX INLET
  18. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024 - 1800mm) AND CONNECT TO EXISTING LEAD
  19. REMOVE AND INSTALL GARBAGE BIN (BY OTHERS)
  20. REMOVE AND INSTALL BIKE RACK (BY OTHERS)
  21. REMOVE AND INSTALL BENCH (BY OTHERS)
  22. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024 - 1200mm) AND CONNECT TO EXISTING LEAD
  23. ADJUST SIGNAL SERVICE BOX FRAME AND COVER

MATCHLINE 1+050

MATCHLINE 1+170



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



150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	---	---	---	---	---	---
⊕	HYDRANT	+	M.T.S.	---	---	---	---	---	---
⊙	VALVE	⊕	CONCRETE	---	---	---	---	---	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	---	---	---	---	---	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	---	---	---	---	---	---
○	MANHOLE	●	SURVEY BAR	---	---	---	---	---	---
□	CATCH BASIN	■	ELEVATION	---	---	---	---	---	---
▽	CURB INLET	⊙500e	TREE	---	---	---	---	---	---
+	JUNCTIONS	+	SIDEWALK RAMP	---	---	---	---	---	---
---	CULVERT	---	CONCRETE SIDEWALK	---	---	---	---	---	---
---	GAS	---	FENCE	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PLAN	---	---	---	---	---	---
---	LEGEND - PLAN	---	PROPOSED	---	---	---	---	---	---
---	EXISTING	---	LEGEND - PROFILE	---	---	---	---	---	---
---	LEGEND - PROFILE	---	PROPOSED	---	---	---	---	---	---

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

**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.

B.M. 89R581  
ELEV. 232.540

S.W. corner Portage Ave. & Sprague St., Tbl. on pipe, 4.8m E. of W.L. Sprague St. produced from the W. along the S.L. of Portage Ave.

**AECOM**

DESIGNED BY: BC  
CHECKED BY: KWR

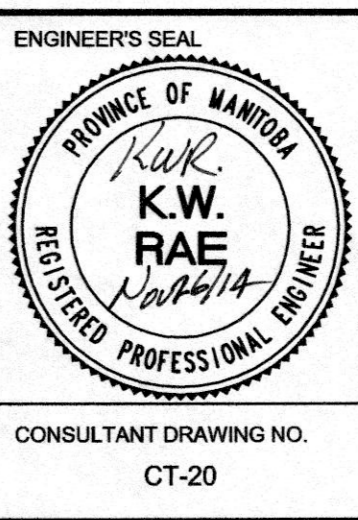
DRAWN BY: RT, PB  
APPROVED BY:

HOR. SCALE: 1:250  
VERTICAL: 1:10

RELEASSED FOR CONSTRUCTION BY:

ISSUED FOR TENDER: 11/27/2014 KWR

NO. REVISIONS: 0  
DATE: 2014/06/26



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

PORTAGE AVENUE REHABILITATION:  
PART A- EASTBOUND FROM SHERBURN ST. TO MARYLAND ST.  
PART B- WESTBOUND FROM EMPRESS ST. TO MINTO ST.

PLAN / PROFILE PART B  
STATION 1+050 TO STATION 1+170

CITY DRAWING NUMBER: P-3356-09  
SHEET 20 OF 21

CONSULTANT DRAWING NO. CT-20