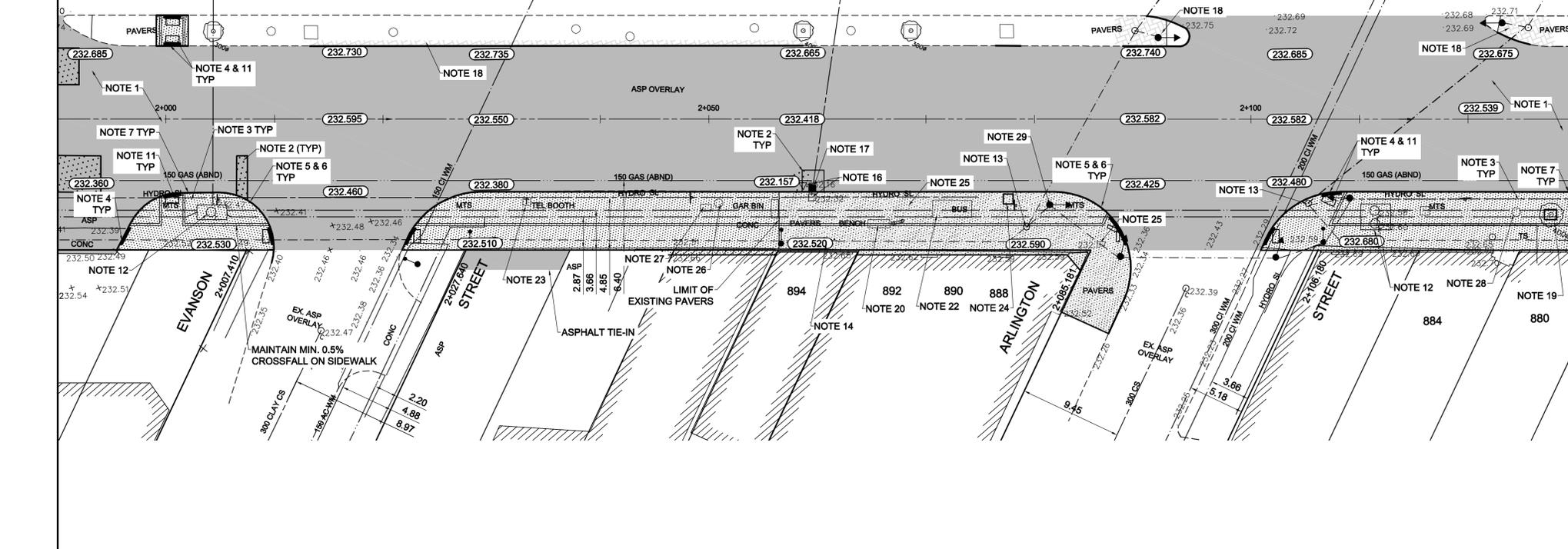


- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS 12.0M NORTH OF SOUTH PROPERTY LINE
  - PROPERTY LINES OBTAINED FROM THE CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - REFER TO AECOM FIELD BOOK NO. 4821, 4822 & 4823
- CONSTRUCTION NOTES:**
- PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC PAVEMENT OVERLAY TYPE 1A (AVERAGE THICKNESS 85mm)
  - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w 85mm TYPE 1A ASPHALTIC OVERLAY
  - REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT NEW 100mm SIDEWALK c/w PAVING STONE BAND (SEE DETAIL 1)
  - RENEW EXISTING MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
  - CONSTRUCT NEW MODIFIED BARRIER CURB (150mm AVG. HT. REVEAL SEPARATE)
  - REMOVE EXISTING BARRIER CURB
  - RENEW EXISTING BARRIER CURB (100mm AVG. HT. REVEAL)
  - ADJUST EXISTING CATCH BASIN/MANHOLE TO GRADE
  - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-004 AND AP-005)
  - INSTALL NEW CAST IRON RISER RING
  - INSTALL NEW DETECTABLE SURFACE WARNING TILES
  - ADJUST MTS MANHOLE FRAME AND COVER
  - ADJUST SIGNALS SERVICE BOX
  - ADJUST EXISTING CURB STOP TO GRADE
  - INSTALL VALVE BOX EXTENSION
  - REMOVE EXISTING CATCHBASIN AND CURB INLET
  - INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD
  - REGRADE EXISTING PAVING STONES
  - CONSTRUCT NEW CONCRETE TREE WELL (SEE DETAIL 3)
  - REMOVE AND INSTALL EXISTING BENCH (BY OTHERS)
  - REMOVE AND INSTALL EXISTING GARBAGE BIN (BY OTHERS)
  - REMOVE AND INSTALL EXISTING BUS SHELTER (BY OTHERS)
  - REMOVE AND INSTALL EXISTING PHONE BOOTH (BY OTHERS)
  - INSTALL PAVING STONE (SEE DETAIL 2)
  - REMOVE PAVERS REPLACE W/ SIDEWALK DETAIL 1
  - REMOVE TREE WELL - REMOVE TREE STUMP (BY OTHERS)
  - NEWSPAPER BOXES (BY OTHERS)
  - REMOVE CONC. PLANTERS (BY OTHERS)
  - REMOVE ABANDONED SIGN POLE BASE. ABANDONED POLE TO BE REMOVED (BY OTHERS)



EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	---	HYDRO	---	---	C PROFILE	---
300mm L.D.S.	HYDRANT	300mm L.D.S.	---	M.T.S.	---	---	SOUTH/EAST GUTTER	---
250mm W.W.S.	VALVE	250mm W.W.S.	---	CONCRETE	---	---	MEDIAN GUTTER	---
---	LAND DRAINAGE SEWER	---	---	ASPHALT	---	---	N/W PROPERTY LINE	---
---	WASTEWATER SEWER	---	---	PROPERTY LINE	---	---	S/E PROPERTY LINE	---
---	MANHOLE	---	---	SURVEY BAR	---	---	---	---
---	CATCH BASIN	---	---	ELEVATION	---	---	---	---
---	CURB INLET	---	---	TREE	---	---	---	---
---	BUILDING OUTLINE	---	---	SIDEWALK RAMP	---	---	---	---
---	CULVERT	---	---	CONCRETE SIDEWALK	---	---	---	---
---	GAS	---	---	FENCE	---	---	---	---

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

ELEV. 232.540

**AECOM**

DESIGNED BY BC CHECKED BY KWR

DRAWN BY RT, PB APPROVED BY

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

RELEASED FOR CONSTRUCTION BY:

0 ISSUED FOR TENDER 2014/06/26 KWR

NO. REVISIONS DATE BY

DATE 2014/06/26 DATE

**ENGINEER'S SEAL**

PROVINCE OF MANITOBA ORIGINAL SIGNED BY K.W. RAE 06/26/2014 REGISTERED PROFESSIONAL ENGINEER

**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 A  
STATION 1+990 TO STATION 2+130

CITY DRAWING NUMBER P-3359-06  
SHEET 6 OF 21

CONSULTANT DRAWING NO. CT-06