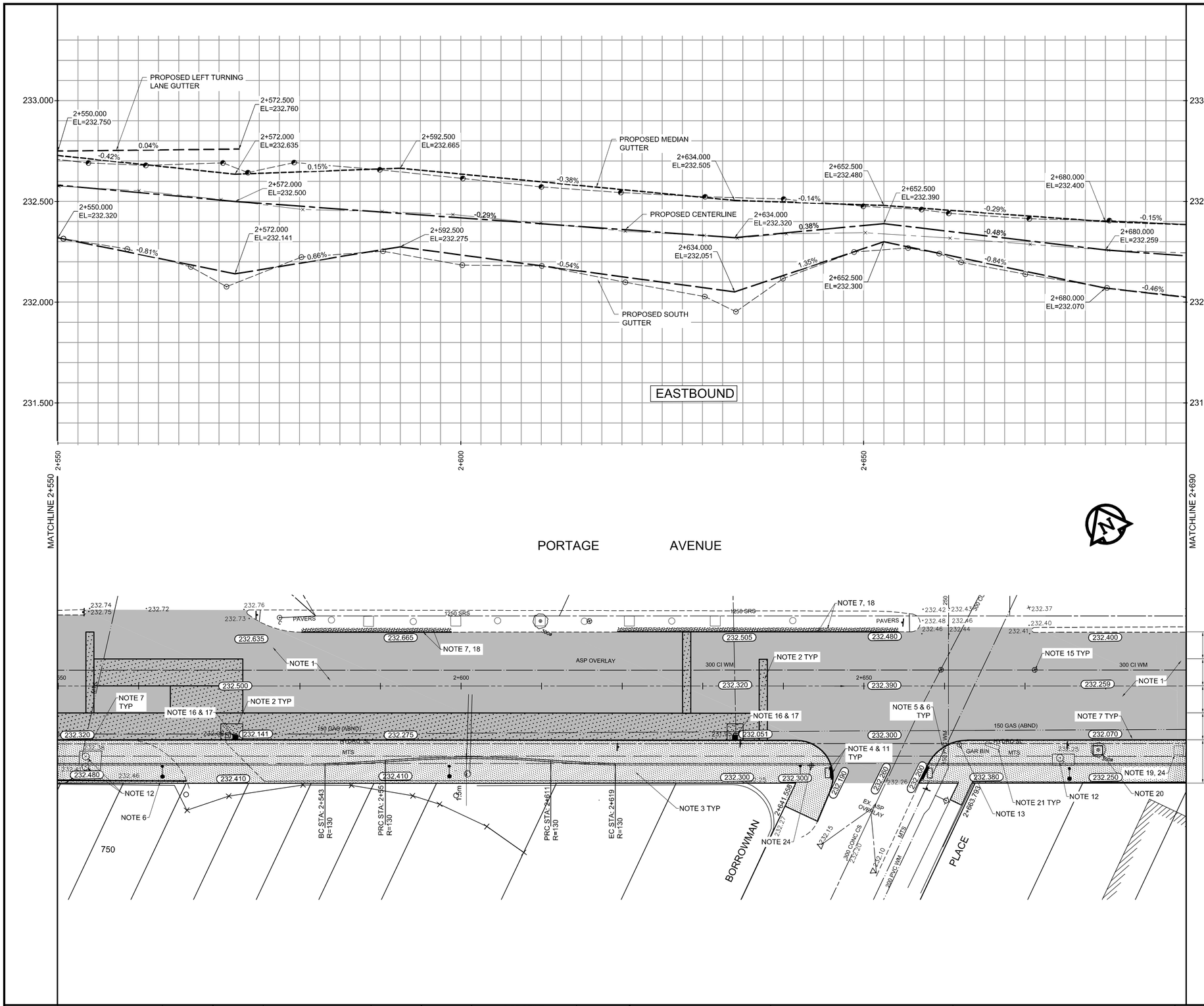
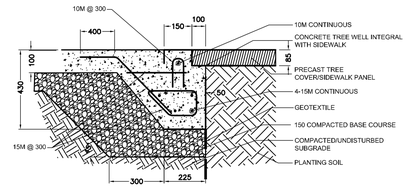
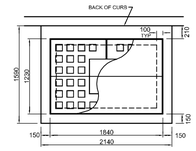
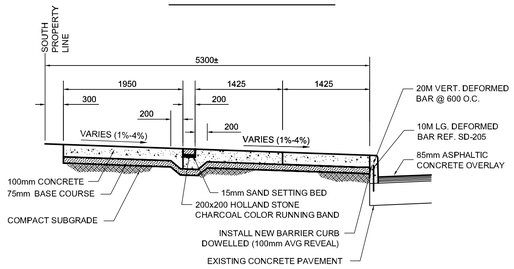






TREE WELL DETAIL 2



SIDEWALK DETAIL 1

REFERENCE NOTES

A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
B. BASELINE IS 12.0M NORTH OF SOUTH PROPERTY LINE
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. REVEAL SEPARATE)
6. REMOVE EXISTING BARRIER CURB
7. RENEW EXISTING 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
13. ADJUST SIGNALS SERVICE BOX
14. ADJUST EXISTING CURB STOP TO GRADE
15. INSTALL VALVE BOX EXTENSION
16. REMOVE EXISTING CATCHBASIN
17. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD
18. REGRADE EXISTING PAVING STONES
19. REMOVE EXISTING TREE WELL
20. CONSTRUCT NEW CONCRETE TREE WELL (SEE DETAIL 2)
21. REMOVE AND INSTALL EXISTING GARBAGE BIN (BY OTHERS)
22. REMOVE AND INSTALL EXISTING BUS SHELTER (BY OTHERS)
23. REMOVE TREE STUMP (BY OTHERS)
24. SURVEY MOMUMENT

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

AECOM
Certificate of Authorization
AECOM Canada Ltd.
Original dated on:
No. 4671 Date: 2014/06/26

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		×	℄ PROFILE	
	HYDRANT			M.T.S.			SOUTH/EAST GUTTER	
	VALVE			CONCRETE			MEDIAN GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT			N/W PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			S/E PROPERTY LINE	
	MANHOLE			SURVEY BAR				
	CATCH BASIN		235.750	ELEVATION	35.750			
	CURB INLET		500ø	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
ELEV. 232.540
S.W. corner Portage Ave. & Sprague St., Tblt. on pipe, 4.8m E. of W.L. Sprague St. produced from the W. along the S.L. of Portage Ave.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2014/06/26	KWR

AECOM

DESIGNED BY	BC	CHECKED BY	KWR
DRAWN BY	RT, PB	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
DATE	2014/06/26	DATE	

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

CONSULTANT DRAWING NO.
CT-10

Winnipeg
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.

CITY DRAWING NUMBER
P-3359-10

SHEET 10 OF 21

PLAN / PROFILE PART A
STATION 2+550 TO STATION 2+690