

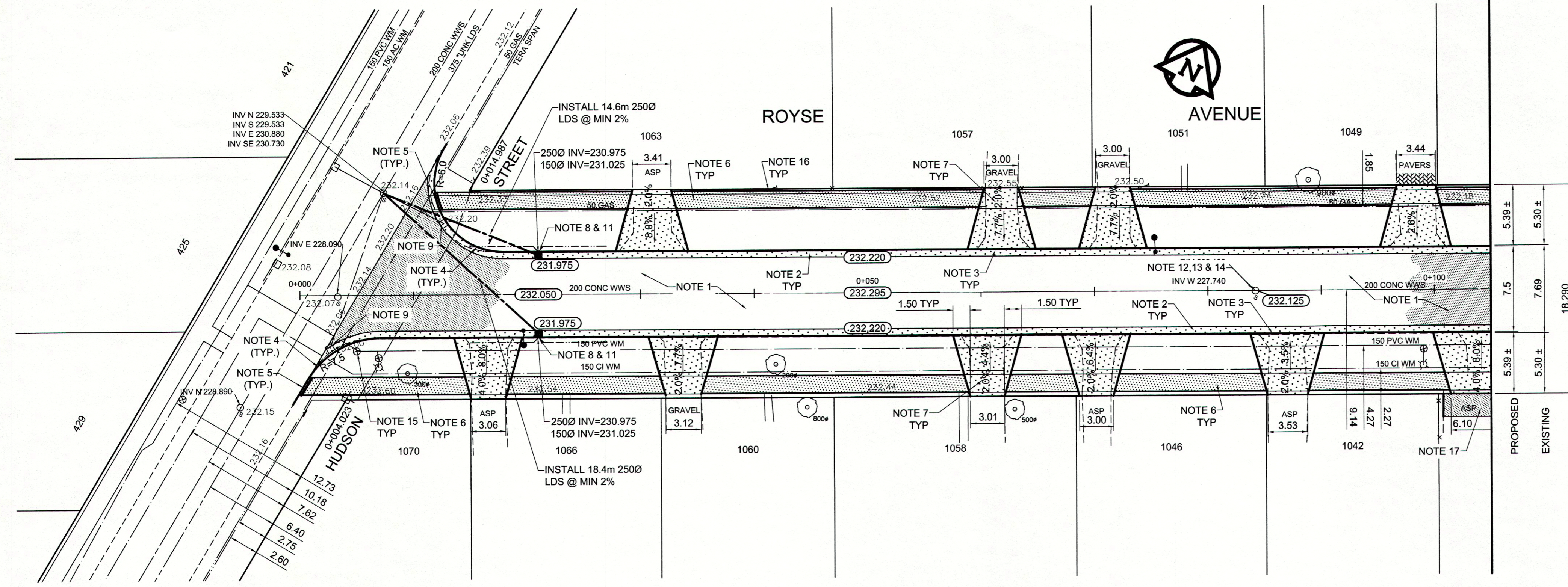
TYPICAL CROSS SECTION

REFERENCE NOTES

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 4790

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE1A (100mm)
2. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
3. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
4. CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm HT.)
5. CONSTRUCT NEW RAMP CURB AND GUTTER (10mm HT. INTEGRAL)
6. RENEW EXISTING 100mm CONCRETE SIDEWALK
7. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
8. INSTALL NEW CURB AND GUTTER INLET c/w 1200 CATCH BASIN (SD-024) AND CONNECT TO EXISTING MANHOLE
9. REMOVE EXISTING CATCH BASIN AND ABANDON EXISTING LEAD
10. REMOVE EXISTING CATCH BASIN
11. INSTALL 150mm SUBDRAIN
12. ADJUST EXISTING MANHOLE TO GRADE
13. INSTALL NEW CAST IRON RISER RING
14. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER (AP-004/AP-005)
15. ADJUST EXISTING WATER VALVE TO GRADE
16. ADJUST EXISTING CURB STOP
17. REMOVE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150mm W.M.	WATERMAIN	150mm W.M.	HYDRO	M.T.S.	---	---	C PROFILE	---
Hydrant symbol	HYDRANT	Hydrant symbol	CONCRETE	CONCRETE	---x---	---	NORTH/WEST GUTTER	---
Valve symbol	VALVE	Valve symbol	ASPHALT	ASPHALT	---o---	---	SOUTH/EAST GUTTER	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	PROPERTY LINE	PROPERTY LINE	---	---	N/W PROPERTY LINE	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	SURVEY BAR	SURVEY BAR	---	---	S/E PROPERTY LINE	---
Manhole symbol	MANHOLE	Manhole symbol	ELEVATION	ELEVATION	(55.750)	---		
Catch basin symbol	CATCH BASIN	Catch basin symbol	TREE	TREE	---	---		
Curb inlet symbol	CURB INLET	Curb inlet symbol	SIDEWALK RAMP	SIDEWALK RAMP	---	---		
Junction symbol	JUNCTIONS	Junction symbol	CONCRETE SIDEWALK FENCE	CONCRETE SIDEWALK FENCE	---	---		
Culvert symbol	CULVERT	Culvert symbol						
Gas symbol	GAS	Gas symbol						

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

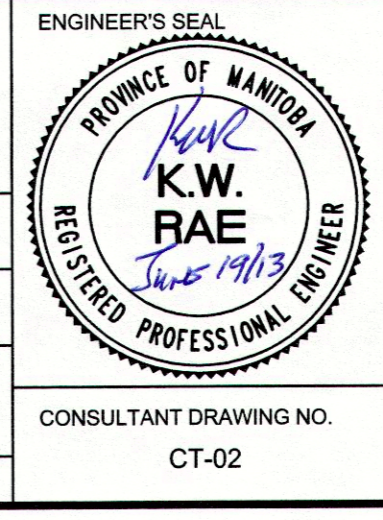
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. 84R579 N.W. cor. Clarence Ave. & Hudson St., Tbl. on pipe, 5.8m S. of N.L. Clarence Ave along W.L. ELEV. 232.632 Hudson St. produced from the N.

DESIGNED BY	BC	CHECKED BY	KWR
DRAWN BY	SS/RT	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		

0 ISSUED FOR TENDER 06/20/2013 BC
A ISSUED FOR REVIEW 06/10/2013 BC

NO. REVISIONS DATE BY



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2013 LOCAL STREET RENEWAL PROGRAM

ROYSE AVENUE - HUDSON STREET TO PEMBINA HIGHWAY ASPHALT PAVEMENT RECONSTRUCTION HUDSON STREET TO 0+105

CITY DRAWING NUMBER SHEET 2 OF 17

CONSULTANT DRAWING NO. CT-02