

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. 4740

VIDEO EXISTING 450mm CLAY SEWER AFTER EXCAVATION PRIOR TO PLACEMENT OF NEW PAVEMENT

- CONSTRUCTION NOTES**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
 - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
 - CONSTRUCT NEW BARRIER CURB (180mm HT. SEPARATE)
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 450mm COMBINED SEWER
 - REMOVE EXISTING CATCHBASIN AND CURB INLET AND PLUG EXISTING LEAD
 - INSTALL 150mm SUBDRAIN
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - ADJUST EXISTING MANHOLE TO GRADE
 - ADJUST EXISTING WATER VALVE TO GRADE
 - CONSTRUCT NEW LIP CURB (40mm HT. INTEGRAL)
 - INSTALL NEW CAST IRON RISER RING
 - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-005)
 - REMOVE AND REINSTALL PATIO BLOCKS
 - RELOCATE EXISTING LIGHTSTAND (BY OTHERS)



METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

TYPICAL CROSS SECTION

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRO	HYDRO	— x —	© PROFILE	— x —
Hydrant	HYDRANT	Hydrant	M.T.S.	M.T.S.	M.T.S.	— □ —	NORTH/WEST GUTTER	— □ —
Valve	VALVE	Valve	CONCRETE	CONCRETE	CONCRETE	— ○ —	SOUTH/EAST GUTTER	— ○ —
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	ASPHALT	ASPHALT	— ◇ —	N/W PROPERTY LINE	— ◇ —
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	— ○ —	S/E PROPERTY LINE	— ○ —
Manhole	MANHOLE	Manhole	SURVEY BAR	SURVEY BAR	SURVEY BAR	— + —		
Catch Basin	CATCH BASIN	Catch Basin	ELEVATION	ELEVATION	ELEVATION	35.750		
Curb Inlet	CURB INLET	Curb Inlet	TREE	TREE	TREE	500		
Junctions	JUNCTIONS	Junctions	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP	— ▬ —		
Culvert	CULVERT	Culvert	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	— ▬ —		
Gas	GAS	Gas	FENCE	FENCE	FENCE	— ▬ —		

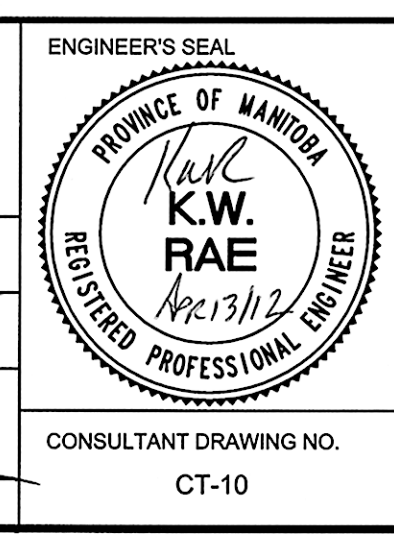
LOCATION APPROVED UNDERGROUND STRUCTURES

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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	04/13/2012	BC
A	ISSUED FOR REVIEW	03/28/2012	BC

DESIGNED BY	BC	CHECKED BY	KWR
DRAWN BY	RAM/SS	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	April 13/12



AECOM

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2012 LOCAL STREET RENEWAL PROGRAM

MULVEY AVE. - HUGO STREET TO DALY STREET
 PAVEMENT RECONSTRUCTION
 HUGO STREET NORTH TO DALY STREET NORTH

CITY DRAWING NUMBER
 SHEET 10 OF 19

CONSULTANT DRAWING NO. CT-10