



- 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. 4922

- CONSTRUCTION NOTES**
1. PLACE NEW ASPHALT PAVEMENT TYPE 1A (AVG THICKNESS 85mm)
 2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 85mm ASPHALT OVERLAY
 3. RENEW EXISTING BARRIER CURB
 4. REMOVE EXISTING CATCHPIT/CATCHBASIN AND ABANDON LEAD
 5. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT NEW LEAD TO EXISTING CATCHBASIN
 6. INSTALL NEW CURB AND GUTTER INLET c/w 1800mm CATCHBASIN(SD-024) AND CONNECT NEW LEAD TO EXISTING MANHOLE
 7. RENEW EXISTING 100mm CONCRETE SIDEWALK
 8. ADJUST EXISTING WATER VALVE TO GRADE
 9. REMOVE EXISTING BARRIER CURB AND CONSTRUCT MODIFIED BARRIER CURB (100mm HT. DOWELLED)
 10. CONSTRUCT NEW BARRIER CURB (100mm HT. SEPARATE)
 11. CONSTRUCT NEW MODIFIED BARRIER CURB (150mm HT. INTEGRAL)
 12. RENEW EXISTING RAMP CURB (10mm HT. INTEGRAL)
 13. INSTALL DETECTABLE SURFACE WARNING TILE

AECOM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: *Apr 2016*

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.		150 mm W.M.		HYDRO		C PROFILE	
	WATERMAIN HYDRANT		VALVE		M.T.S.		OUTSIDE GUTTER
	LAND DRAINAGE SEWER		CONCRETE		ASPHALT		INSIDE GUTTER
	WASTEWATER SEWER		PROPERTY LINE		SURVEY BAR		N/W PROPERTY LINE
	MANHOLE		ELEVATION		TREE		S/E PROPERTY LINE
	CATCH BASIN		SIDEWALK RAMP		CONCRETE SIDEWALK		
	CATCH PIT		FENCE				
	JUNCTIONS						
	CULVERT						
	GAS						
	EXISTING		PROPOSED		EXISTING		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 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. 82 - 037 83R530 SE corner Pembina Hwy & S Leg of Dalhousie Dr. Tbt on pipe. 2.2m N of S Limit Dalhousie Dr. & on E Limit of Pembina Hwy

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	04/20/2016	BC
A	ISSUED FOR REVIEW	04/15/2016	BC

AECOM

DESIGNED BY BC CHECKED BY KWR

DRAWN BY JC/SF APPROVED BY

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

RELEASED FOR CONSTRUCTION BY: *[Signature]*
 DATE: *April 2016*

ENGINEER'S SEAL

PROVINCE OF MANITOBA
K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-14

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

CLOUTIER DRIVE - PEMBINA HWY TO #878 CLOUTIER DRIVE

REHABILITATION
 PEMBINA HIGHWAY TO STATION 0+130

CITY DRAWING NUMBER
 SHEET 14 OF 22