

- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRE LINE RIGHT-OF-WAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. XXXX
- CONSTRUCTION NOTES**
- PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG. THICKNESS 85mm)
 - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 85mm ASPHALT OVERLAY
 - RENEW EXISTING CONCRETE BARRIER CURB (100mm REVEAL HT. DOWELLED)
 - CONSTRUCT NEW CONCRETE BARRIER CURB (100mm REVEAL HT. SEPARATE)
 - REMOVE EXISTING BARRIER CURB AND CONSTRUCT CONCRETE MODIFIED BARRIER CURB (100mm REVEAL HT. DOWELLED)
 - RENEW EXISTING CONCRETE MODIFIED BARRIER CURB (100mm REVEAL HT. DOWELLED)
 - CONSTRUCT CURB RAMP (10mm HT. INTEGRAL)
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - REMOVE EXISTING CATCHPIT
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT NEW LEAD TO EXISTING CATCHBASIN
 - REMOVE FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-004/AP-005)
 - ADJUST MANHOLE/CATCHBASIN TO GRADE
 - INSTALL CAST IRON RISER RING
 - ADJUST EXISTING WATER VALVE TO GRADE
 - ADJUST CURB STOP



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	HYDRO	HYDRO	---	C PROFILE	---
Hydrant symbol	HYDRANT	Hydrant symbol	M.T.S.	M.T.S.	M.T.S.	---	OUTSIDE GUTTER	---
Valve symbol	VALVE	Valve symbol	CONCRETE	CONCRETE	CONCRETE	---	INSIDE 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 symbol	MANHOLE	Manhole symbol	SURVEY BAR	SURVEY BAR	SURVEY BAR	---		
Catch basin symbol	CATCH BASIN	Catch basin symbol	ELEVATION	ELEVATION	ELEVATION	---		
Catch pit symbol	CATCH PIT	Catch pit symbol	TREE	TREE	TREE	---		
Junction symbol	JUNCTIONS	Junction symbol	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP	---		
Culvert symbol	CULVERT	Culvert symbol	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	---		
Gas symbol	GAS	Gas symbol	FENCE	FENCE	FENCE	---		

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE

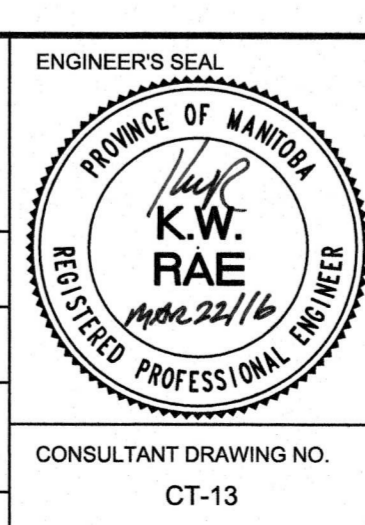
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES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

B.M. 25 - 026 N.W. Cor. Machray Ave. & Robertson St., Tbl. in most Ely. Conc. foundation of No. 650 Robertson St. ELEV. 232.486 1m N. & 0.2m below Conc. block of most S.E. Cor.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/22/2016	BC
A	ISSUED FOR REVIEW	03/16/2016	BC



DESIGNED BY	BC/SS	CHECKED BY	KWR
DRAWN BY	JC/SS	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE:	MAR 22/16



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

MACHRAY AVENUE - MCPHILLIPS STREET TO ROBERTSON STREET
REHABILITATION
STATION 0+345 TO ROBERTSON STREET

CITY DRAWING NUMBER
SHEET 13 OF 24

CONSULTANT DRAWING NO. CT-13