



- GENERAL NOTES:**
- A. ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
 - B. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - C. MODIFIED BARRIER CURBS TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII, AND BULL NOSES.
 - D. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - E. ADD 200.00M TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - F. CB OFFSETS ARE DIMENSIONED TO BOC.
 - G. PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
 - H. SIDEWALKS TO BE RENEWED WITH CONCRETE AS NOTED BY CONTRACT ADMINISTRATOR.
 - I. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.

- CONSTRUCTION NOTES:**
- 1. PLACE NEW ASPHALTIC PAVEMENT OVERLAY (TYPE 1A, 80mm AVERAGE THICKNESS, TWO LIFTS)
 - 2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW REINFORCED CONCRETE PAVEMENT (150mm) C/W ASPHALTIC PAVEMENT OVERLAY (80mm AVERAGE THICKNESS)
 - 3. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW, AS REQUIRED.
 - 4. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm, SEPARATE), AS REQUIRED.
 - 5. CONSTRUCT NEW CURB RAMP (SD-229A), AS REQUIRED.
 - 6. REMOVE EXISTING INLET
 - 7. INSTALL CATCH PIT C/W NEW CURB & GUTTER INLET (SD-023) AND CONNECT TO EXISTING LEAD
 - 8. RENEW CURB AS IDENTIFIED BY CONTRACT ADMINISTRATOR.

NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

○	MANHOLE	●	WATER MAIN	—	EDGE OF CONCRETE	——	LOCATIONS APPROVED UNDERGROUND STRUCTURES	
□	CATCH BASIN	■	LAND DRAINAGE SEWER	---	PROPERTY LINE	----	SIGNED BY: _____ DATE: _____	
△	CURB INLET	▼	WASTE WATER SEWER	- - -	GUTTER	----	SUPV U/G STRUCTURES	
∇	UTILITIES ADJUSTED	△ □ ▼	HYDRO	---	MODIFIED BARRIER CURB	----	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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDINGS	
J	PLUG	J	M.T.S.	---	BARRIER CURB	----		
◇	HYDRANT	◆	GAS	---	CURB & GUTTER	----		
⊗	VALVE	⊗	SIGNALS	---	GLASS GRID	----		
⊕	IRON BAR	⊕	LIGHT STANDARD	---	CONCRETE	----		
230.99	GROUND GRADE	——	DETECTABLE WARNING TILE	——	ASPHALT	----		
(230.99)	PAVEMENT GRADE	(31.00)	CURB RAMP	——	ASPHALT OVERLAY	----		
	LOT GRADE	[31.00]	EDGE OF SIDEWALK	——	ASPHALT JOINT REPAIR	----		
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED

G.M. 654521 ELEV. 231.661	21 (654521) - Bolt in Conc. pile to hardpan, 2.4 m S. of N.L. of Inster Blvd., 0.6 m W. of line of W.L. of Bunting St. & 10.7 m W. of C.L. of Pav't. of Bunting St.		
DESIGNED BY: MS	CHECKED BY: BQD		
DRAWN BY: KB	APPROVED BY: VMM		
NO. 2	ISSUED FOR TENDER	04.03.15	VMM
1	ISSUED TO U/G STRUCTURES FOR REVIEW	03.02.15	BQD
NO. REVISIONS	DATE	BY	

MMM GROUP

MMM Group Limited,
Suite 111 - 93 Lombard Ave.
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.mmm.ca

DESIGNED BY: MS
DRAWN BY: KB
CHECKED BY: BQD
APPROVED BY: VMM

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

RELEASED FOR CONSTRUCTION

DATE: 05-Mar-15

PRELIMINARY

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGN
Certificate of Authorization
MMM Group Limited
No. 4531

ENGINEER'S SEAL

ORIGINAL SEALED BY
V.M. MAROTI
P. ENG.
03/02/15

CONSULTANT ACAD DWG. NO.
5514132-C1-10

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2015 LOCAL STREETS RENEWAL PRG
AIRLIES STREET - JEFFERSON AVE TO MERRIWOOD AVE
REHABILITATION
STA 2+50 TO MERRIWOOD AVENUE

CITY DRAWING NUMBER
SHEET 10 OF 18

BID NO.
151-2015

M:\05_2015_151-2015 - A117.dwg
 P:\5514132-2015 Local Streets and Alley Renewal 15-R-06\MM Drawings\Airlies Street\5514132 - Airlies Sl.dwg - lcb:STA 2+50 - STA 3+40