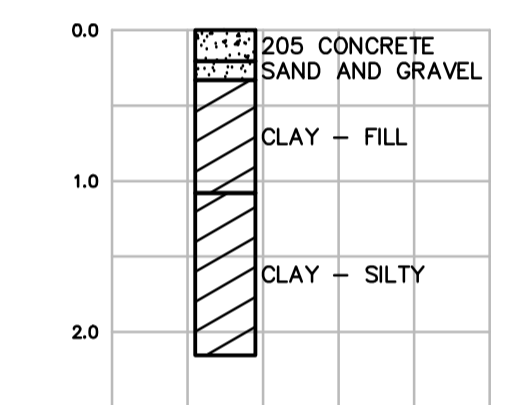


TYPICAL CROSS SECTION



TESTHOLE TP17-15 LOG

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. 4993

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE PAVEMENT
2. REMOVE EXISTING ASPHALT PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (75mm)
3. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
4. CONSTRUCT NEW CURB RAMP (10mm HT. INTEGRAL)
5. RENEW EXISTING 100mm CONCRETE SIDEWALK
6. INSTALL NEW DETECTABLE WARNING SURFACE TILE
7. REMOVE EXISTING CATCHBASIN AND CATCHPIT AND PLUG EXISTING LEAD
8. INSTALL NEW MODIFIED BARRIER CURB AND GUTTER INLET FRAME AND COVER c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 300mm COMBINED SEWER
9. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER (AP-004/AP-005)
10. ADJUST EXISTING MANHOLE TO GRADE
11. INSTALL NEW CAST IRON RING
12. INSTALL 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCHBASIN
13. ADJUST EXISTING WATER VALVE TO GRADE
14. REMOVE EXISTING LIGHT STANDARD (BY OTHERS)
15. REMOVE EXISTING CONCRETE PAVEMENT AND PLACE AND COMPACT SUITABLE SITE MATERIAL
16. RENEW EXISTING CONCRETE BARRIER CURB (DOWELLED 100mm HT)
17. CONSTRUCT NEW 100mm CONCRETE SIDEWALK
18. REMOVE EXISTING CONCRETE SIDEWALK

**AECOM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: \_\_\_\_\_

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	— x —	Q PROFILE
Hydrant	HYDRANT	300mm L.D.S.	M.T.S.	— □ —	WEST GUTTER
Valve	VALVE	250mm W.W.S.	CONCRETE	— ○ —	EAST GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	250mm W.W.S.	ASPHALT	— ◇ —	N/W PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	— ○ —	S/E PROPERTY LINE
Manhole	MANHOLE	235.750	SURVEY BAR	— □ —	
Catch Basin	CATCH BASIN	2500ø	ELEVATION	— □ —	
Catch Pit	CATCH PIT		TREE	— □ —	
Junctions	JUNCTIONS		SIDEWALK RAMP	— □ —	
Culvert	CULVERT		CONCRETE SIDEWALK	— □ —	
Gas	GAS		FENCE	— □ —	
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
EXISTING	LEGEND - PROFILE	PROPOSED	EXISTING	LEGEND - PROFILE	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 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. 24-025	N.W. Cor. Mountain Ave. & File St. Tbl. in 12m			
ELEV. 231.217	Cont. File beneath Valve Box 1.9m S. of N. L. of Mountain Ave. produced from the E. of W.L. of File St.			
NO.	REVISIONS	DATE	BY	DATE
0	ISSUED FOR TENDER	03/05/2018	BC	
A	ISSUED FOR REVIEW	02/02/2018	BC	

**AECOM**

DESIGNED BY: SS  
 CHECKED BY: BC/KWR

DRAWN BY: SS/RAM  
 APPROVED BY:

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

RELEASED FOR CONSTRUCTION BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ENGINEER'S SEAL

PROVINCE OF MANITOBA  
**K.W. RAE**  
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-20

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION

2018/2019 INDUSTRIAL STREET RENEWAL PROGRAM

FIFE STREET - COLLEGE AVENUE TO INKSTER BOULEVARD  
 CONCRETE PAVEMENT RECONSTRUCTION  
 STATION 1+010 TO STATION 1+130

CITY DRAWING NUMBER  
 SHEET 20 OF 47