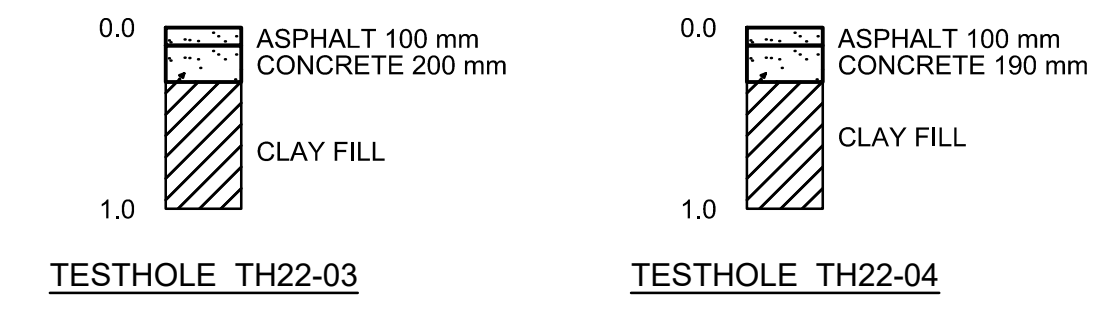
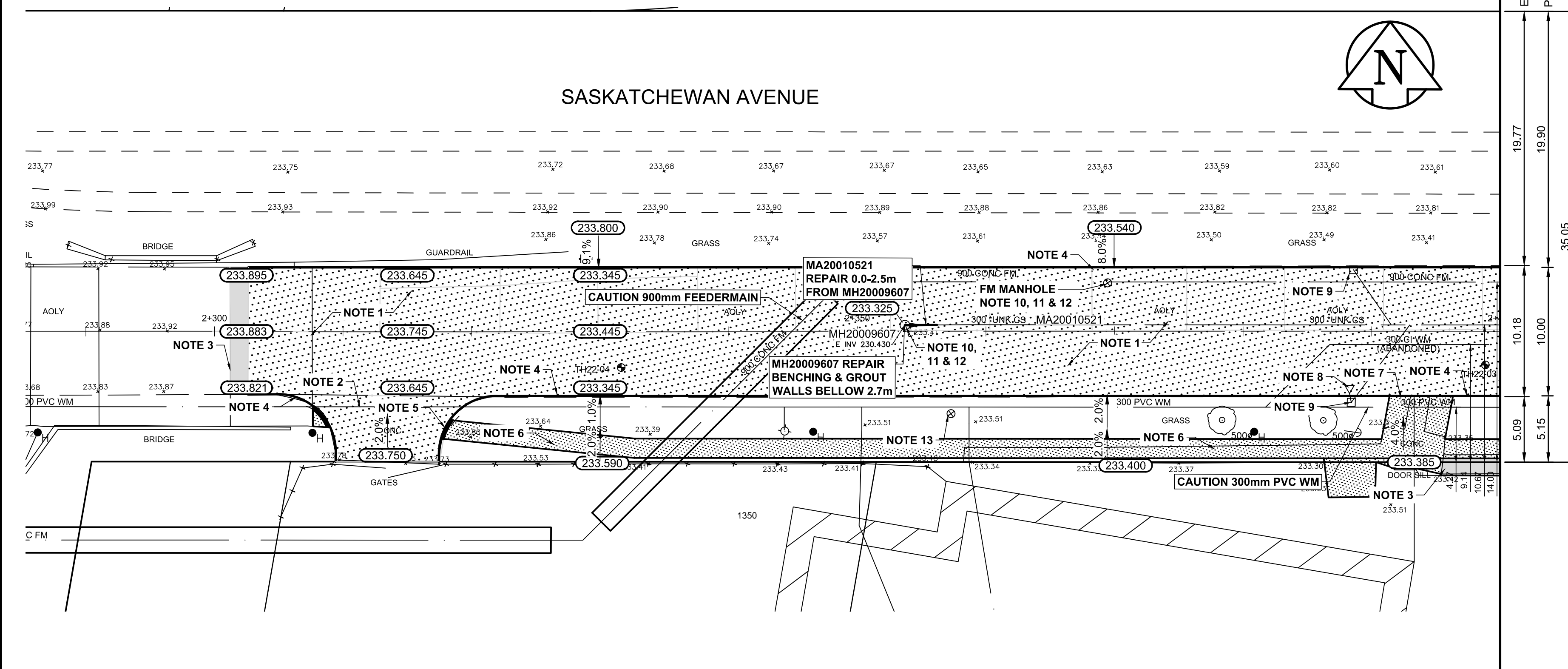


TYPICAL CROSS SECTION
NTS

- REFERENCE NOTES:**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRE LINE ROADWAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. 5111
- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 250mm PLAIN DOWELLED CONCRETE PAVEMENT
 - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
 - REMOVE EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT TYPE 1A
 - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
 - CONSTRUCT NEW CURB RAMP (10-12mm HT., INTEGRAL)
 - CONSTRUCT NEW 100mm CONCRETE SIDEWALK
 - REMOVE EXISTING 100mm CONCRETE SIDEWALK
 - REMOVE EXISTING CATCH PIT AND ABANDON LEAD
 - REMOVE EXISTING CATCH BASIN AND ABANDON LEAD
 - ADJUST EXISTING MANHOLE TO GRADE
 - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-006/AP-007)
 - INSTALL NEW CAST IRON RISER RING
 - ADJUST EXISTING WATER VALVE TO GRADE



**ENGINEERS
GEO-SCIENTISTS
MANITOBA**
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 02/26/24

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRO	PROFILE	LOCATION APPROVED UNDERGROUND STRUCTURES
Hydrant symbol	HYDRANT	Manhole symbol	M.T.S.	M.T.S.	SOUTH GUTTER	
Valve symbol	VALVE	Manhole symbol	CONCRETE	CONCRETE	NORTH GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	ASPHALT	S PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	PROPERTY LINE	N PROPERTY LINE	
Manhole symbol	MANHOLE	Survey bar symbol	SURVEY BAR	SURVEY BAR	MULTI-USE PATHWAY	
Catch basin symbol	CATCH BASIN	Elevation symbol	ELEVATION	ELEVATION (235.750)		
Catch pit symbol	CATCH PIT	Tree symbol	TREE	TREE		
Junctions symbol	JUNCTIONS	Sidewalk ramp symbol	SIDEWALK RAMP	SIDEWALK RAMP		
Culvert symbol	CULVERT	Concrete sidewalk symbol	CONCRETE SIDEWALK	CONCRETE SIDEWALK		
Gas symbol	GAS	Fence symbol	FENCE	FENCE		
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING
	LEGEND - PROFILE			LEGEND - PROFILE		

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. #27 - N.E. Cor. Sherwin Rd. & Saskatchewan Ave., ELEV. 233.965

DESIGNED BY	BC	CHECKED BY	BC
DRAWN BY	SS	APPROVED BY	RC
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
ISSUED FOR TENDER	02/26/24	RC	
NO. REVISIONS		DATE	02/13/23

ENGINEER'S SEAL

CONSULTANT DRAWING NO. CT-05

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2024 INDUSTRIAL STREET
RENEWAL PROGRAM

MIDLAND STREET AND SASKATCHEWAN AVENUE -
EMPRESS STREET TO NOTRE DAME AVENUE
CONCRETE PAVEMENT RECONSTRUCTION
EMPRESS STREET TO STATION 2+400

CITY DRAWING NUMBER SHEET 05 OF 11