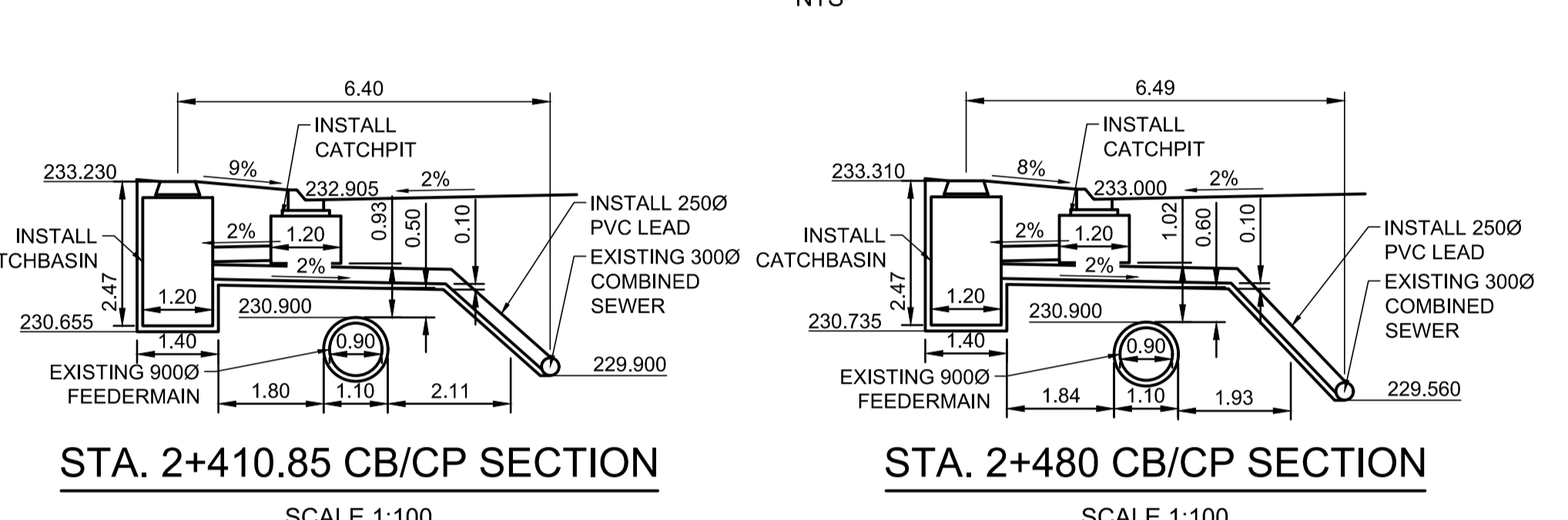


TYPICAL CROSS SECTION
NTS



STA. 2+410.85 CB/CP SECTION
SCALE 1:100

STA. 2+480 CB/CP SECTION
SCALE 1:100

CATCH BASIN AND CATCH PIT TABLE									
ITEM	RIM ELEV.	Sta	INVERT				SEWER	CONNECTION	LEAD
			EAST	WEST	NORTH	SOUTH			
CB01	233.230	2+411.4	231.755	231.755	231.530	231.945	229.900±	300 CS	6.4m
CB02	232.905	2+410	231.755	231.755	231.205	231.945	229.900±	300 CS	5.9m
CB03	233.310	2+481.4	231.850	231.850	231.610	232.040	229.560±	300 CS	6.5m
CB04	233.000	2+480	231.850	231.850	231.300	232.040	229.560±	300 CS	4.7m
CP01	232.905	2+410			232.005			CB	2.8m
CP02	233.000	2+480			232.100			CB	2.8m

- 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 DOWELED 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 SIDEWALK
 - REMOVE EXISTING CONCRETE PAVEMENT
 - REMOVE EXISTING RAIL TRACKS
 - INSTALL NEW CURB AND GUTTER INLET c/w 1800mm CATCHBASIN (SD-024) AND CONNECT 250mm PVC LDS TO EXISTING 300mm COMBINED SEWER
 - INSTALL NEW STANDARD FRAME AND STANDARD COVER c/w 1800mm CATCHBASIN (SD-025) AND CONNECT 250mm PVC LDS TO EXISTING 300mm COMBINED SEWER
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT 250mm PVC LDS TO NEW CATCHBASIN
 - INSTALL NEW 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCH BASIN
 - 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
 - CONSTRUCT NEW LIP CURB (75mm HT. INTEGRAL)
 - VALVE PIT AND VALVES ADANDONED BY OTHERS

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	M.T.S.	— x —	— x —	PROFILE	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	CONCRETE	—	—	SOUTH GUTTER	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	ASPHALT	—	—	NORTH GUTTER	
	MANHOLE		PROPERTY LINE	PROPERTY LINE	—	—	S PROPERTY LINE	
	CATCH BASIN		SURVEY BAR	SURVEY BAR	—	—	N PROPERTY LINE	
	CATCH PIT		ELEVATION	ELEVATION	(235.750)	(235.750)	MULTI-USE PATHWAY	
	JUNCTIONS		TREE	TREE	—	—		
	CULVERT		SIDEWALK RAMP	SIDEWALK RAMP	—	—		
	GAS		CONCRETE SIDEWALK	CONCRETE SIDEWALK	—	—		
			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. #27 - N.E. Cor. Sherwin Rd. & Saskatchewan Ave., ELEV. 233.965

Tblt. In S. Conc. foundation No. 975 Sherwin Rd., 2 m E. & 0.2 m below scored Conc. wall of S.W. Cor. of Bldg. EL: 233.965

ISSUED FOR TENDER 02/26/24 RC

NO. REVISIONS DATE BY

AECOM

DESIGNED BY BC CHECKED BY BC

DRAWN BY SS APPROVED BY RC

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

RELEASED FOR CONSTRUCTION BY:

02/13/23

ENGINEER'S SEAL

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2024 INDUSTRIAL STREET
RENEWAL PROGRAM

CITY DRAWING NUMBER SHEET 06 OF 11

MIDLAND STREET AND SASKATCHEWAN AVENUE -
EMPRESS STREET TO NOTRE DAME AVENUE
CONCRETE PAVEMENT RECONSTRUCTION
STATION 2+400 TO STATION 2+520

CONSULTANT DRAWING NO. CT-06

DATE

ENGINEERS
GEOSCIENTISTS
MANITOBA

Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 02/26/24

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES