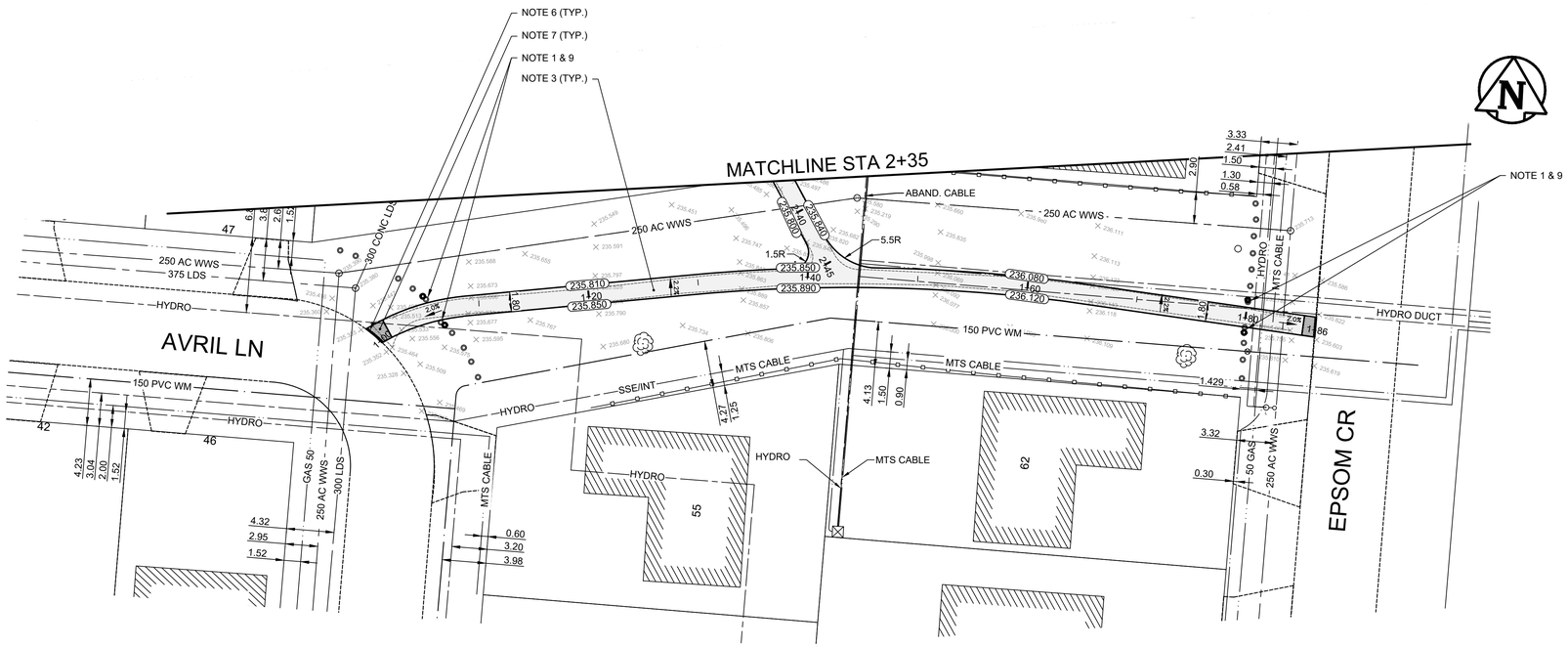
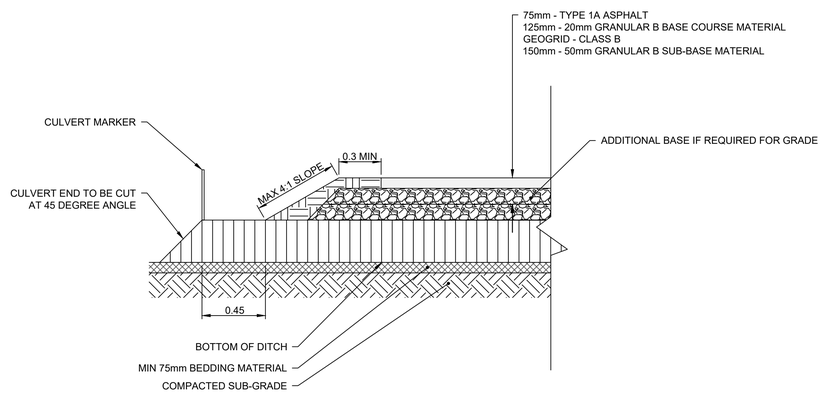
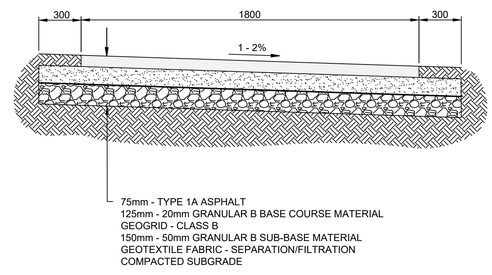




TYPICAL CULVERT INSTALLATION CROSS SECTION
N.T.S



TYPICAL CROSS SECTION
N.T.S

CONSTRUCTION NOTES

1. INSTALL NEW WOODEN POST BOLLARD (SCD-105B, E15)
2. REMOVE EXISTING TREE (E13)
3. REMOVE EXISTING PATHWAY AND CONSTRUCT NEW 80mm ASPHALT PATHWAY AS PER TYPICAL CROSS SECTION
4. RENEW EXISTING ASPHALT
5. RE-GRADE EXISTING DITCH
6. CONSTRUCT NEW CONCRETE CURB RAMP (SD-229D)
7. CONSTRUCT NEW 100mm CONCRETE SIDEWALK (SD-228A)
8. REMOVE EXISTING CULVERT AND INSTALL NEW CULVERT AS PER CW 3610
9. REMOVE EXISTING WOODEN POST BOLLARD (E16)
10. RENEW EXISTING 150mm REINFORCED CONCRETE PAVEMENT
11. INSTALL LIFTER RING AND ADJUST TO GRADE
12. INSTALL NEW CULVERT AS PER CW 3610
13. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE
14. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE SIDEWALK
15. ADJUST MANHOLE FRAME TO GRADE
16. INSTALL NEW MANHOLE FRAME (AP-006) AND NEW GRATED COVER (AP-008)
17. RENEW EXISTING MODIFIED LIP CURB (SD-202C)
18. CONSTRUCT NEW DITCHING

GENERAL NOTES

A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
B. ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED
C. CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
D. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

TENDER NO. 13-2024

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
	HYDRANT			LDS/WWS			CONCRETE	
	VALVE			WATERMAIN			CONCRETE SIDEWALK	
	CURB STOP			GAS			ASPHALT	
	MANHOLE			TRAFFIC SIGNALS			ASPHALT RENEWAL	
	CATCH BASIN			HYDRO/STREET LIGHT			CULVERT	
	CURB INLET			MTS/SHAW			DITCH FLOW	
	HYDRO POLE			BACK OF CURB/APPROACH			TOP OF DITCH	
	LIGHT STANDARD			PROPERTY LINE			WOOD FENCE	
	TRAFFIC SIGNAL POLE			RAMP CURB			EDGE OF PATH	
	SURVEY BAR		231.000	ELEVATIONS	31.000		BOLLARD	
	UTILITY BOX			TREE			TREE LINE	

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.
ELEV.

NO.	REVISIONS	DATE	BY
2.	ISSUED FOR TENDER	2024/05/07	D.PEN
1.	SUBMIT FOR PLAN APPROVAL	2024/02/16	D.PEN

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY	D.PEN	CHECKED BY	R.W. G.K. T.G.
DRAWN BY	D.PEN	APPROVED BY	
HOR. SCALE:	1 : 250		
VERTICAL:			
DATE	2024/11/27		

PROVINCE OF MANITOBA
L. Li Monical
Member 32939
REGISTERED ENGINEER

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

OSCAR PAULSON PARK
FROM AVRIL LANE TO EPSOM CRESENT
ASPHALT RECONSTRUCTION AND ASSOCIATED WORKS
FROM STA. 1+00 TO STA. 1+86

CITY DRAWING NUMBER SE-24-20
SHEET 4 OF 14

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