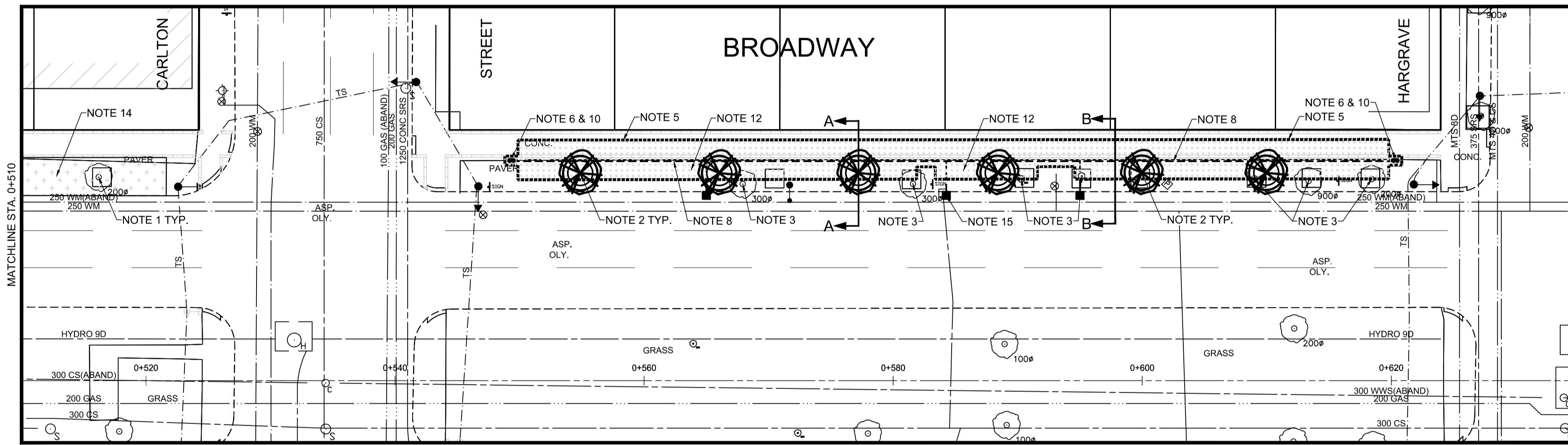
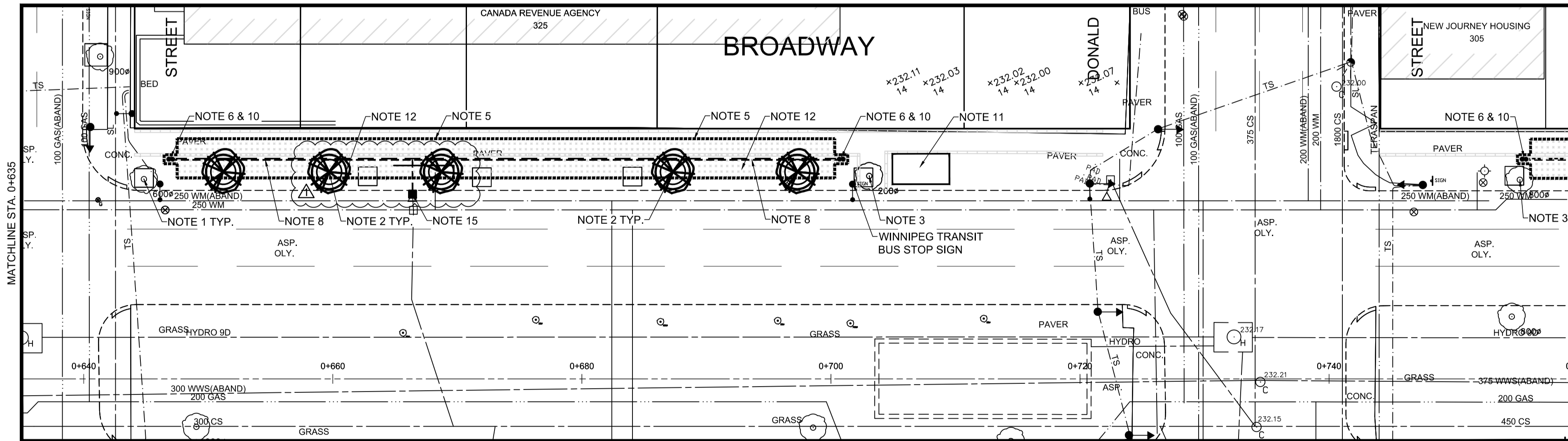


PLAN
Scale 1:250



PLAN
Scale 1:250



PLAN
Scale 1:250

CONSTRUCTION NOTES

- IF TREE IS IN GOOD CONDITION, PROTECT TREE DURING CONSTRUCTION AND INSTALL 2.7m x 2.7m SIDEWALK OPENING c/w CRUSHED GRANITE. CITY OF WINNIPEG FORESTRY WILL CONFIRM IF TREE SHOULD BE REMOVED
- INSTALL NEW TREE c/w 1.2m x 1.2m OPENING AND BACKFILLED WITH 50mm OF CRUSHED GRANITE
- REMOVE TREE
- INSTALL 1200 CATCHBASIN c/w 150mm SOLID TRANSFER PIPE CONNECTED TO 150mm DISTRIBUTION PIPE 0.5m INSIDE OF STRUCTURAL SOIL CELL
- INSTALL STRUCTURAL SOIL CELL AS PER MANUFACTURER'S INSTRUCTIONS
- INSTALL 150mm SUBDRAIN c/w CLEANOUT AT EACH END. TERMINATE CLEANOUT PIPE AT SURFACE IN PRECAST VAULT
- IMPERVIOUS LINER TO BE INSTALLED AS REQUIRED WHEN EXISTING CONCRETE FOUNDATIONS ARE WITHIN 1.0m FROM EDGE OF EXCAVATION
- INSTALL 150mm SOLID DISTRIBUTION PIPE
- INSTALL 150mm SOLID DISTRIBUTION PIPE IN LIEU OF TRANSFER PIPE UNDER ANY PROPOSED ROADWAY
- INSTALL CLEANOUTS AT ALL BENDS OR ENDS OF PIPE. TERMINATE CLEANOUT PIPE AT SURFACE IN PRECAST VAULT
- INSTALL INFRASTRUCTURE AND CONNECTION TO POWER SOURCE FOR 8x15 HEATED BUS SHELTER. POWER SOURCE TO BE INSTALLED AS PER INCLUDED DRAWINGS. BUS SHELTER INSTALLED BY OTHERS
- CONTRACTOR TO INSTALL AND MAINTAIN WORKING BRIDGE WITH SAFETY RAIL TO ALLOW ACCESS TO BUILDING ENTRANCE AT ALL TIMES
- LOCATE ALL WATER SERVICES WITHIN SOIL CELL EXCAVATION AND INSTALL INSULATION AS PER SPECIFICATIONS
- PROTECT EXISTING SOIL CELLS DURING CONSTRUCTION
- CONNECT SUBDRAIN TO ROADWAY CB

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2023/12/15

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	X	PROFILE
Hydrant	HYDRANT	M.T.S.	M.T.S.	West Gutter	WEST GUTTER
Valve	VALVE	CONCRETE	CONCRETE	East Gutter	EAST GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	ASPHALT	ASPHALT	N/W PROPERTY LINE	N/W PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	PROPERTY LINE	PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE
Manhole	MANHOLE	SURVEY BAR	SURVEY BAR	Soil Cells	SOIL CELLS
Catch Basin	CATCH BASIN	ELEVATION	ELEVATION	Distribution Pipe	DISTRIBUTION PIPE
Catch Pit	CATCH PIT	Tree	TREE	Subdrain	SUBDRAIN
Traffic Signal Pole	TRAFFIC SIGNAL POLE	Sidewalk Ramp	SIDEWALK RAMP	Cleanout	CLEANOUT
Street Light	STREET LIGHT	Concrete Sidewalk	CONCRETE SIDEWALK		
Gas	GAS	Fence	FENCE		
EXISTING	LEGEND - PLAN	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. ELEV.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR ADDENDUM	2024/01/05	TLF
0	ISSUED FOR TENDER	2023/12/15	TLF

AECOM

DESIGNED BY	TLF	CHECKED BY	BC
DRAWN BY	RAM	APPROVED BY	TLF
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:		DATE	2023/06/23

ENGINEER'S SEAL

PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER

Member 23820 2024-01-10

CONSULTANT DRAWING NO. CT-21

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DOWNTOWN PAVEMENT RENEWALS PROJECT
2024 PAVEMENT RENEWALS: WESTBOUND BROADWAY

STREETSCAPING PLAN
BROADWAY WESTBOUND
STATION 0+385 TO STATION 0+760

CITY DRAWING NUMBER P-3573-21
SHEET 21 OF 28