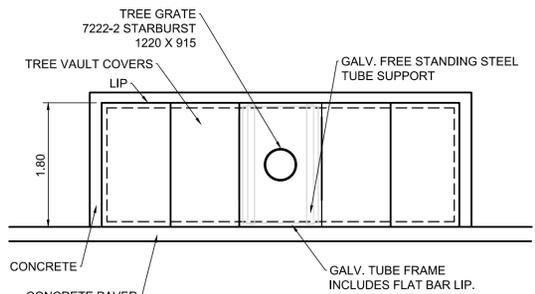
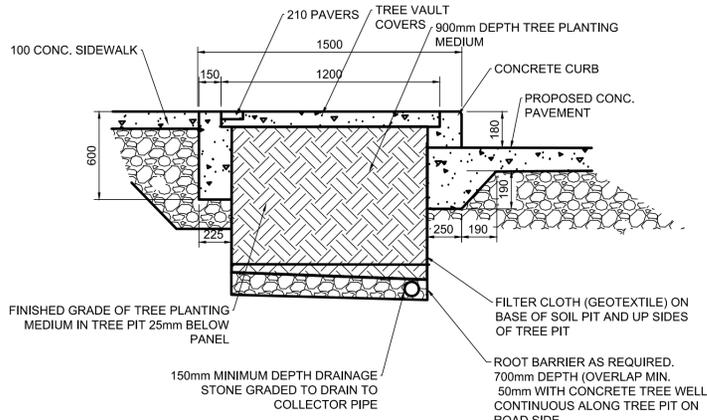


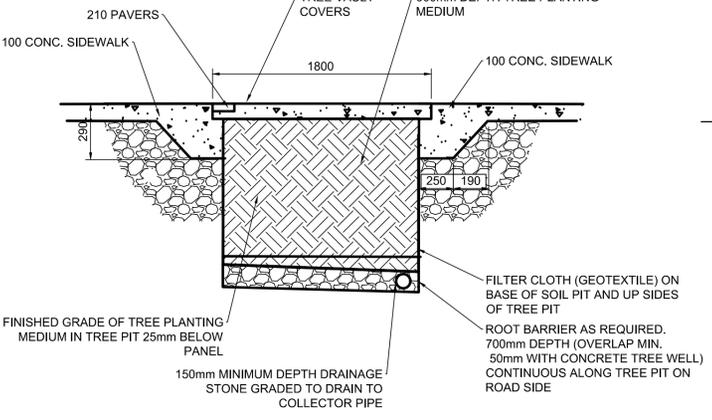
TREE VAULT A - PLAN



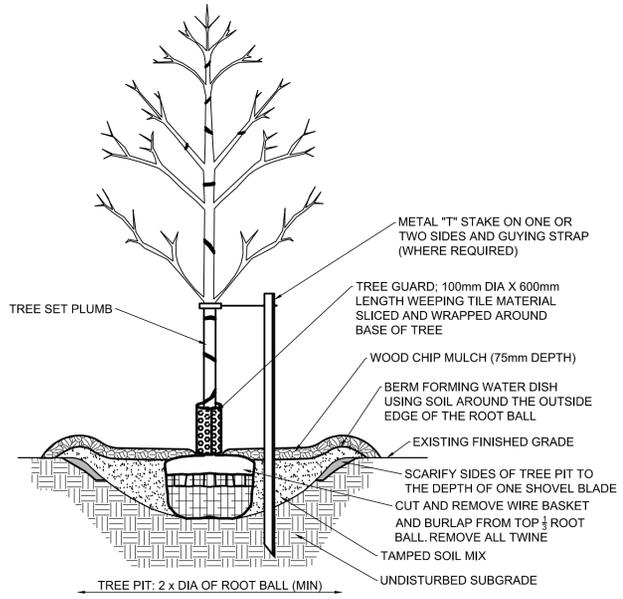
TREE VAULT B - PLAN



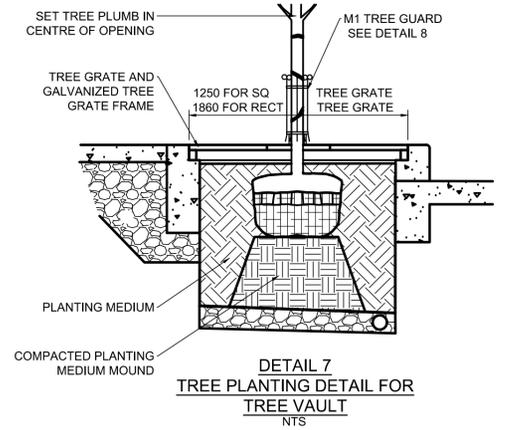
DETAIL 1 TREE VAULT "A" NTS



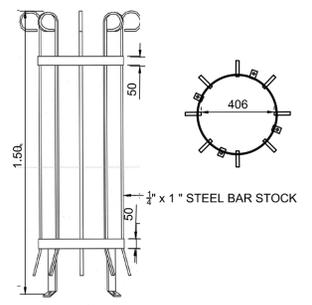
DETAIL 2 TREE VAULT "B" NTS



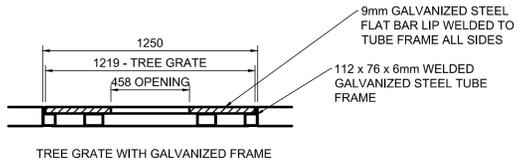
DETAIL 3 TREE PLANTING DETAIL NTS



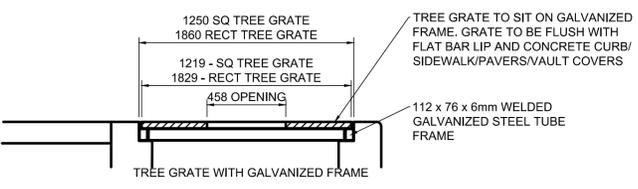
DETAIL 7 TREE PLANTING DETAIL FOR TREE VAULT NTS



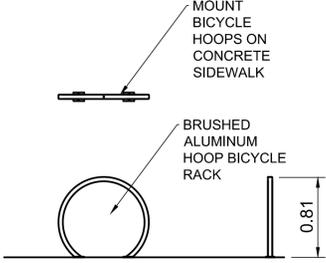
DETAIL 8 M-1 TREE GUARD NTS



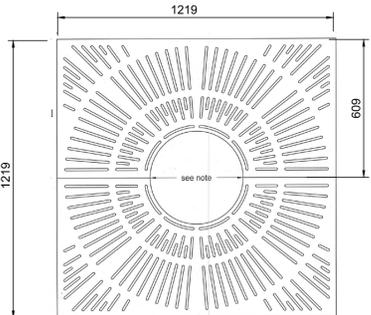
TREE GRATE WITH GALVANIZED FRAME



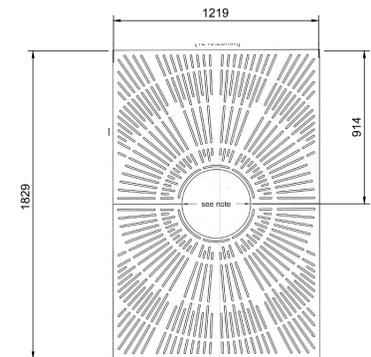
TREE GRATE WITH GALVANIZED FRAME



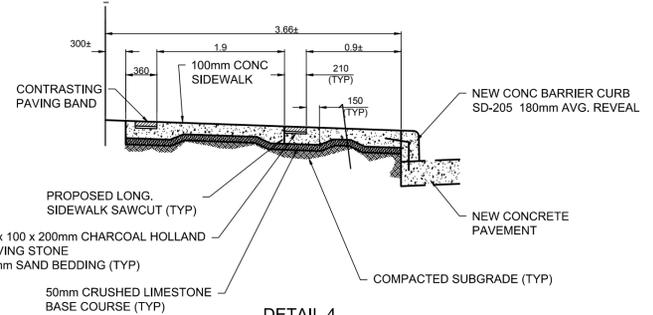
DETAIL 5 BICYCLE RACK NTS



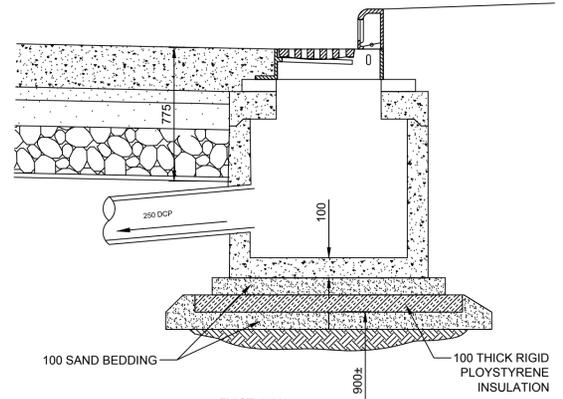
4814-2 STARBURST TREE GRATE TREE VAULT "A" NTS



7222-2 STARBURST TREE GRATE TREE VAULT "B" NTS



DETAIL 4 TYPICAL SIDEWALK SECTION NTS



DETAIL 6 CATCHPIT/CATCHBASIN INSULATION NTS

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	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
⊕	HYDRANT	⊕	M.T.S.	---	---		---	---	---	---
⊙	VALVE	⊙	CONCRETE	---	---		---	---	---	---
⊕	LAND DRAINAGE SEWER	⊕	ASPHALT	---	---		---	---	---	---
⊕	WASTEWATER SEWER	⊕	PROPERTY LINE	---	---		---	---	---	---
○	MANHOLE	○	SURVEY BAR	---	---		---	---	---	---
□	CATCH BASIN	□	ELEVATION	---	---		---	---	---	---
▽	CATCH PIT	▽	TREE	---	---		---	---	---	---
↑	TRAFFIC SIGNAL POLE	↑	SIDEWALK RAMP	---	---		---	---	---	---
↑	STREET LIGHT	↑	CONCRETE SIDEWALK	---	---		---	---	---	---
↑	GAS	↑	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. 38 - 035 ELEV. 232.286	S.W. Cor. Notre Dame Ave. & Hargrave St. 101.1m N. Cor. found. No. 449 Hargrave St. 1m W. & 0.3 m below Tyndall Stone of N.E. Cor. of Blkg.		
NO.	REVISIONS	DATE	BY
B	ISSUED FOR TENDER	06/23/2017	TLF
A	ISSUED FOR REVIEW	06/13/2017	TW

AECOM	
DESIGNED BY: JV	CHECKED BY: TDW
DRAWN BY: PB	APPROVED BY: KWR
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION BY:
VERTICAL: 1:10	DATE:

ENGINEER'S SEAL
L. JOY VIBERG
member no. 125
CONSULTANT DRAWING NO. CT-07

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DOWNTOWN BIKE LANE SYSTEM AND STREET IMPROVEMENT

DONALD STREET STREETSCAPING DETAILS
PORTAGE AVENUE TO NOTRE DAME AVENUE

CITY DRAWING NUMBER P-3488-07
SHEET 07 OF 07