

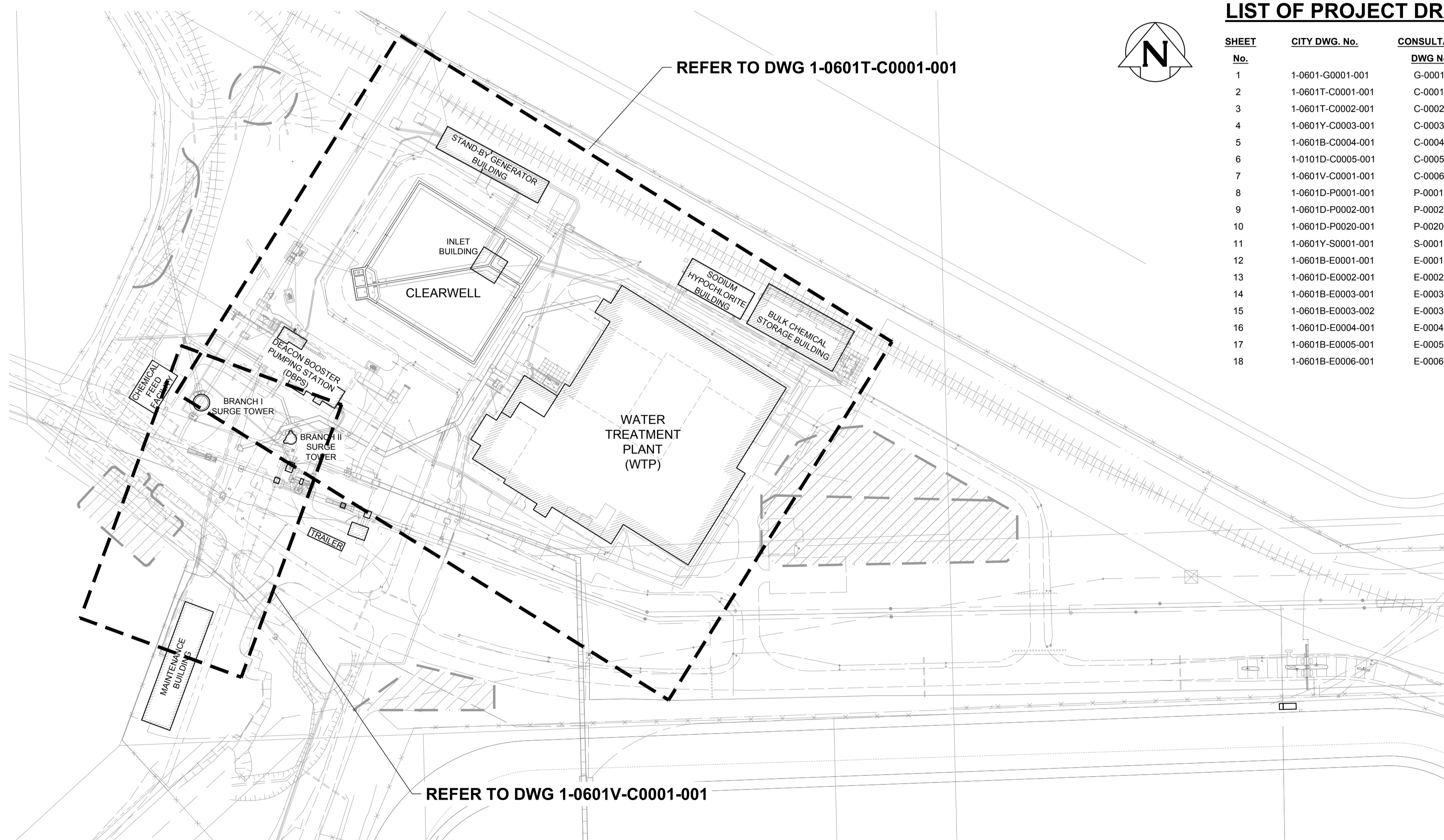


THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

CONSTRUCTION OF WTP SITE FLOOD PROTECTION UPGRADES

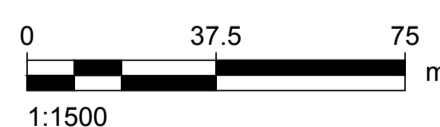
TENDER 672-2022



LIST OF PROJECT DRAWINGS

SHEET No.	CITY DWG. No.	CONSULTANT DWG No.	AREA	DISCIPLINE	DRAWING TITLE
1	1-0601-G0001-001	G-0001	WATER TREATMENT PLANT	GENERAL	KEY PLAN AND DRAWING LIST
2	1-0601T-C0001-001	C-0001	WTP/DBPS/CLEARWELL	CIVIL	SITE PLAN
3	1-0601T-C0002-001	C-0002	CLEARWELL	CIVIL	375 LDS PLAN AND PROFILE
4	1-0601Y-C0003-001	C-0003	YARD PIPING	CIVIL	MANHOLE No. 1 AND No. 2 SECTIONS AND DETAILS
5	1-0601B-C0004-001	C-0004	WATER TREATMENT PLANT	CIVIL	WTP UNDERDRAIN DEWATERING MH
6	1-0101D-C0005-001	C-0005	BOOSTER PUMP STATION	CIVIL	STORM SUMP PIT PLAN AND SECTIONS LOWER LEVEL LAYOUT ABOVE 227.000m
7	1-0601V-C0001-001	C-0006	MAINTENANCE BUILDING	CIVIL	DRAINAGE AND LOT GRADE PLAN
8	1-0601D-P0001-001	P-0001	BOOSTER PUMP STATION	PROCESS & INSTRUMENTATION	PROCESS & INSTRUMENTATION DIAGRAM LEGEND
9	1-0601D-P0002-001	P-0002	BOOSTER PUMP STATION	PROCESS & INSTRUMENTATION	PROCESS & INSTRUMENTATION DIAGRAM WTP UNDERDRAIN MANHOLES
10	1-0601D-P0020-001	P-0020	BOOSTER PUMP STATION	PROCESS & INSTRUMENTATION	PROCESS & INSTRUMENTATION DIAGRAM DBPS SUMP PIT AUTOMATION
11	1-0601Y-S0001-001	S-0001	YARD PIPING	STRUCTURAL	MANHOLE No. 1 STRUCTURAL DETAILS
12	1-0601B-E0001-001	E-0001	WTP/DBPS/CLEARWELL	ELECTRICAL	SITE PLAN
13	1-0601D-E0002-001	E-0002	BOOSTER PUMP STATION	ELECTRICAL	PARTIAL PLANS LOWER LEVEL LAYOUT ABOVE 227.000m UPPER LEVEL LAYOUT ABOVE 230.8m
14	1-0601B-E0003-001	E-0003	WATER TREATMENT PLANT	AUTOMATION	TYPICAL CONTROL PANEL SCHEMATIC
15	1-0601B-E0003-002	E-0003	WATER TREATMENT PLANT	AUTOMATION	TYPICAL CONTROL PANEL SCHEMATIC
16	1-0601D-E0004-001	E-0004	BOOSTER PUMP STATION	AUTOMATION	PANEL SCHEMATIC LOCAL VALVE CONTROL STATION
17	1-0601B-E0005-001	E-0005	WTP/DBPS	ELECTRICAL	SCHEDULE
18	1-0601B-E0006-001	E-0006	WTP/DBPS	ELECTRICAL	DETAILS

PLAN - WATER TREATMENT PLANT



150 WM	WATERMAIN	150 WM	EXISTING	NEW	150 WM	WATERMAIN	150 WM	EXISTING	NEW
○	HYDRANT	●	—	—	+	HYDRANT	+	—	—
⊗	VALVE	⊗	—	—	X	VALVE	X	—	—
300 LDS	LAND DRAINAGE SEWER	300 LDS	—	—	300 LDS	LAND DRAINAGE SEWER	300 LDS	—	—
250 WWS	WASTE WATER SEWER	250 WWS	—	—	250 WWS	WASTE WATER SEWER	250 WWS	—	—
○	MANHOLE	●	—	—	—	—	—	—	—
□	CATCH BASIN	■	—	—	—	—	—	—	—
△	CURB INLET	▲	—	—	—	—	—	—	—
▭	CULVERT	▭	—	—	—	—	—	—	—
—	PIPE ABANDONMENTS	—	—	—	—	—	—	—	—
+	SURVEY BAR	+	—	—	—	—	—	—	—
—	EXISTING	—	EXISTING	NEW	—	EXISTING	NEW	EXISTING	NEW

ENGINEERS GOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 2022-09-07

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

NO.	REVISIONS	DATE	DESIGN	CHECK
PD	ISSUED FOR CONSTRUCTION	22/09/07	MG	MM
PC	ISSUED FOR 90%	22/07/18	MG	MM
PB	ISSUED FOR 30%	22/04/14	MG	MM
PA	ISSUED FOR 30% REVIEW	22/02/25	MG	MM

AECOM	
DESIGNED BY: MG	CHECKED BY: MGM
DRAWN BY: JP	APPROVED BY: KWF
SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION BY: MATTHEW SKINNER
DATE: 2022-09-07	DATE: SEPT 8, 2022
CONSULTANT NO.:	G-0001

ENGINEER'S SEAL
ORIGINAL SIGNED BY M.P.A GAUDREAU SEPTEMBER 7, 2022

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WATER TREATMENT PLANT - FLOOD PROTECTION
WATER TREATMENT PLANT
GENERAL
KEY PLAN AND DRAWING LIST

CITY DRAWING NUMBER: 1-0601-G0001-001
SHEET: 001
REV: PD
SIZE: A1