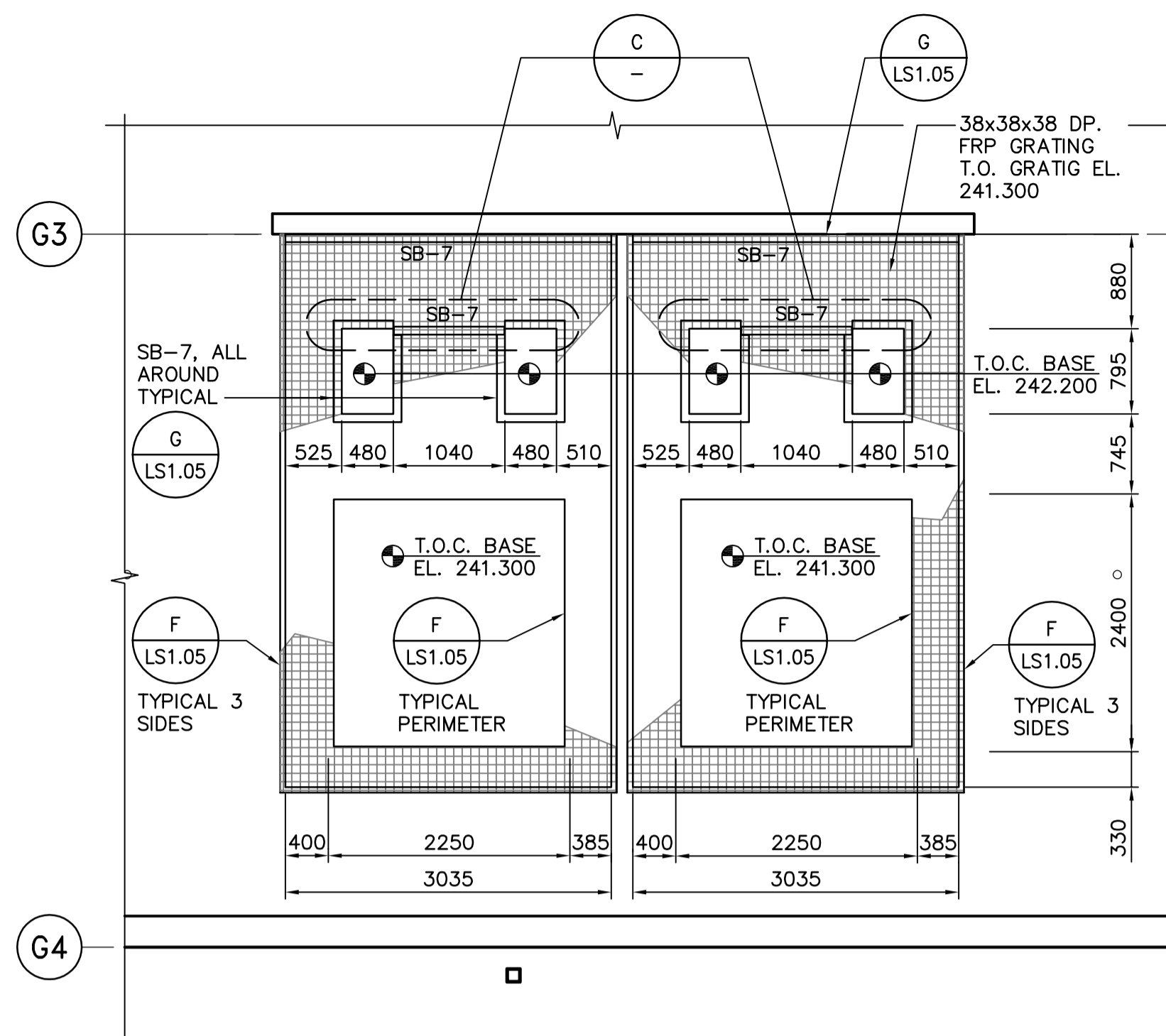


FERRIC CHLORIDE SECONDARY CONTAINMENT GRATING FRAMING PLAN

A
TS2.03
1:50

FERRIC CHLORIDE SECONDARY CONTAINMENT NOTES:

- DESIGN LOADS:
 - DEAD LOAD = 0.5 kPa
 - LIVE LOAD = 9.6 kPa
- TOP OF STEEL ELEVATION 241.262.
- FLANGES OF CHANNELS AND ANGLE TO FACE AWAY FROM TANK FACE AROUND CIRCUMFERENCE OF TANK.
- MAINTAIN 25mm CLEAR SPACE FROM TANK FACE TO STEEL MEMBERS.
- ALL STEEL MEMBERS AND CONNECTIONS TO BE COATED WITH FORMULA 30.
- CONCRETE CONTAINMENT PIT TO BE COATED WITH FORMULA 25.



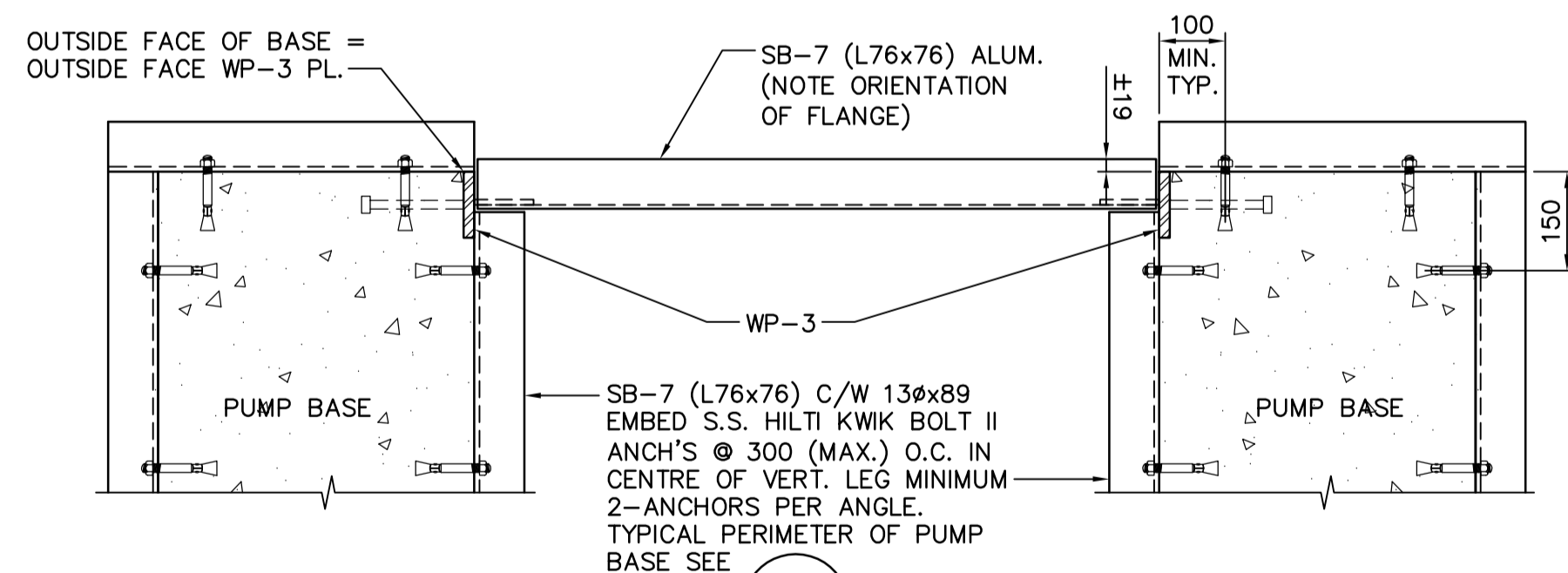
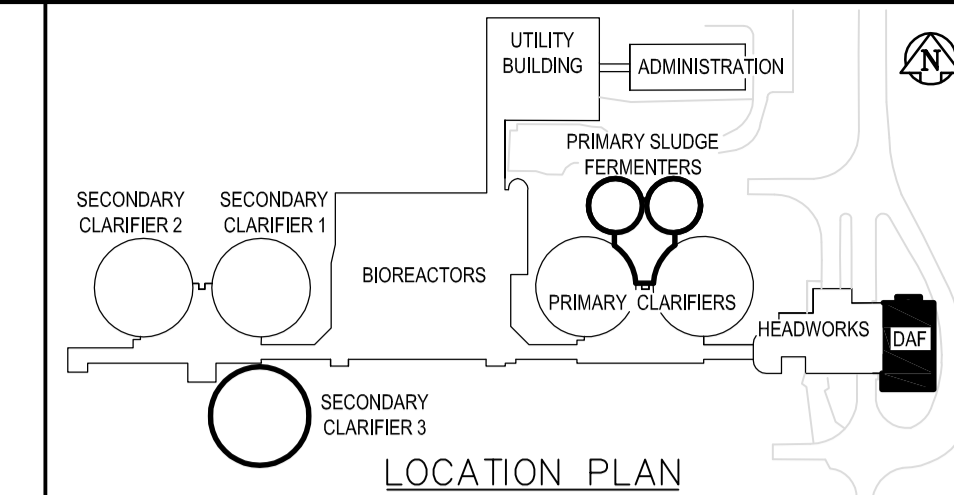
B POLYMER CONTAINMENT GRATING FRAMING PLAN

B
TS2.03
1:50

POLYMER CONTAINMENT DESIGN LOADS:
DEAD LOAD = 0.25 kPa
LIVE LOAD = 4.8 kPa

STEEL BEAM SCHEDULE			
MARK	SIZE	FINISH	REMARKS
SB-1	W410x46	PAINTED, FORMULA 30	STEEL
SB-2	C150x12	PAINTED, FORMULA 30	STEEL
SB-3	L76x76x6.4	PAINTED, FORMULA 30	STEEL
SB-4	L51x51x4.8	PAINTED, FORMULA 30	STEEL
SB-5	C180x15	PAINTED, FORMULA 30	STEEL
SB-6	C230x20	PAINTED, FORMULA 30	STEEL
SB-7	L76x76x7.9		ALUMINUM, SEE PLAN & DETAILS

WELD PLATE SCHEDULE	
MARK	DETAILS
WP-1	T.O. PLATE EL. 241.200 19x250x400 THICK PL. 6-13#x155 NELSON STUDS
WP-2	T.O. PLATE EL. 241.225 16x250x250 THICK PL. 4-13#x155 NELSON STUDS
WP-3	T.O. PLATE EL. 241.240 16x100x250 THICK PL. 2-13#x155 NELSON STUDS, GALVANIZED



G
LS1.05
C
-
1:10
DETAIL



B.M. ELEV.					
DESIGNED BY	ARA	CHECKED BY	LR		
DRAWN BY	NDH	APPROVED BY	JEH		
HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION BY:	J. VEILLEUX		
VERTICAL SCALE:		DATE	2006/03/13	DATE	2006/04/26
NO. REVISIONS		DATE		DATE	
00	ISSUED FOR TENDER	06/04/26	CMF		

ENGINEER'S SEAL
ORIGINAL SIGNED BY
J. BETKE
2006/04/26
CONSULTANT DRAWING NO.
TS6.01

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WEWPCC
BIOLOGICAL NUTRIENT REMOVAL UPGRADE
CONTRACT 3

STRUCTURAL
AREA T - DAF THICKENER BUILDING
GRATING PLANS, SECTIONS AND DETAILS

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER