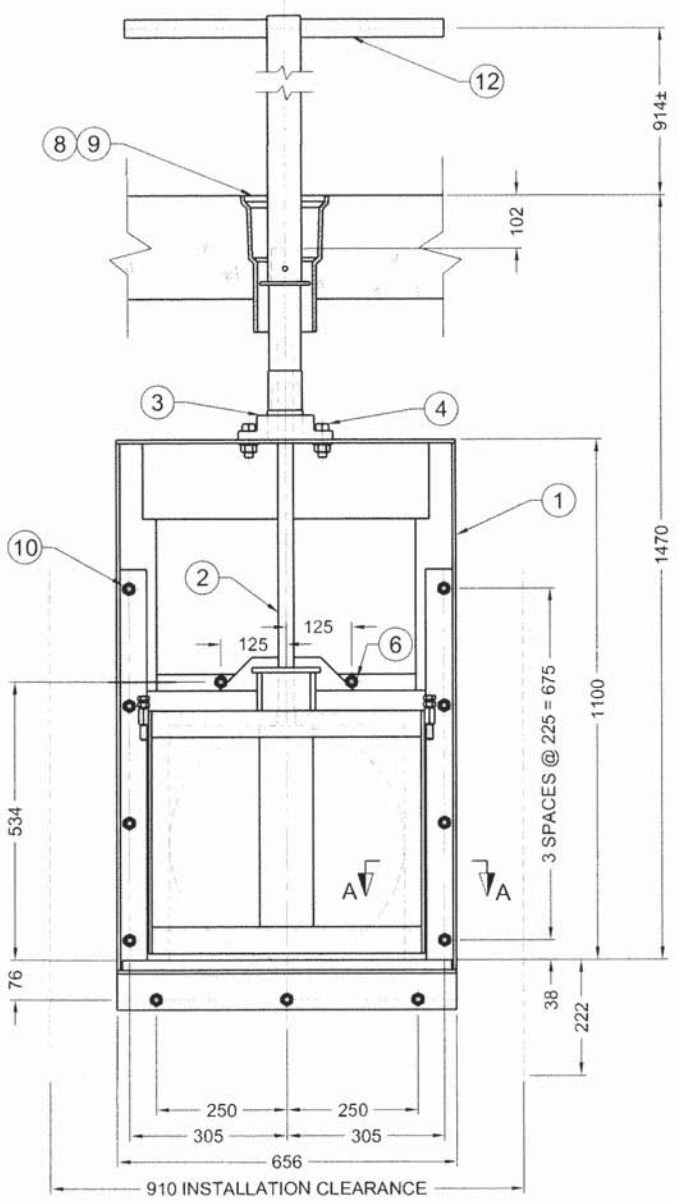
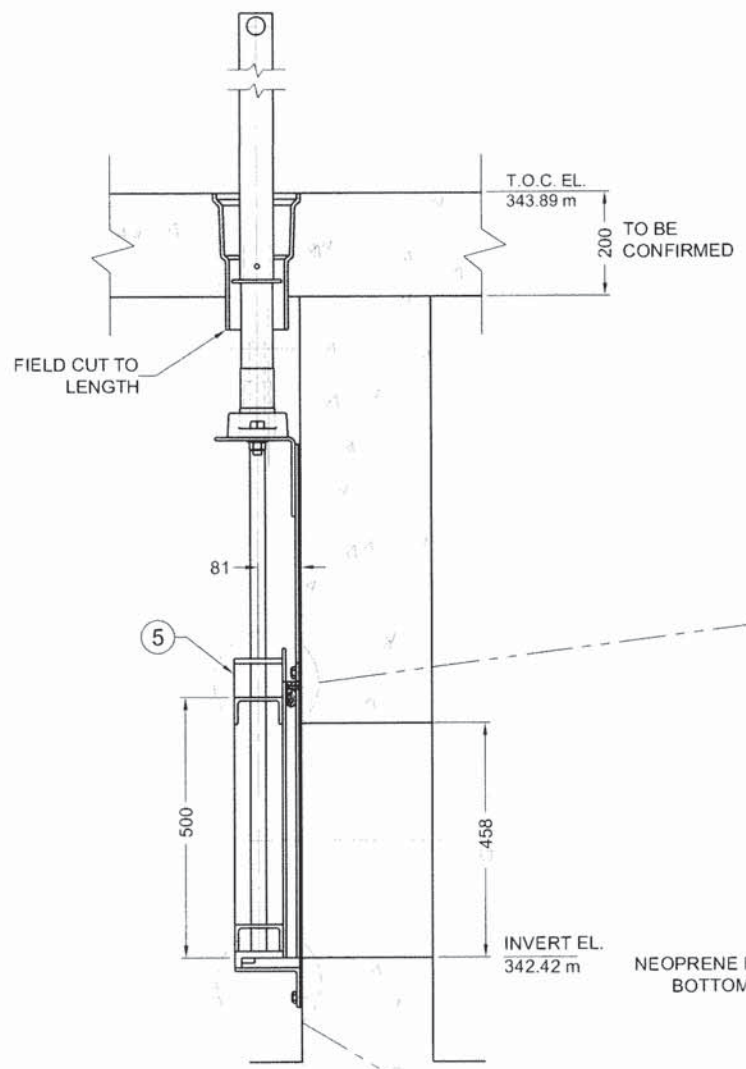
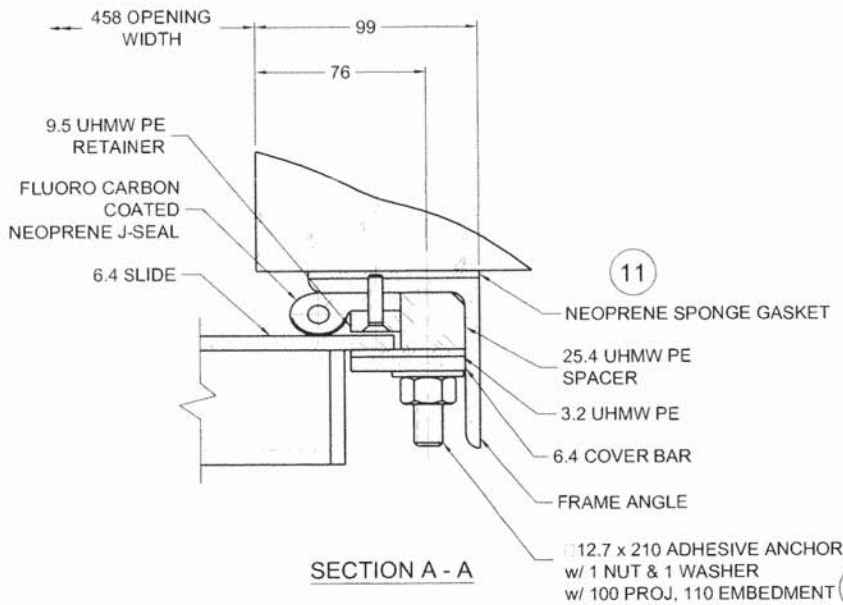
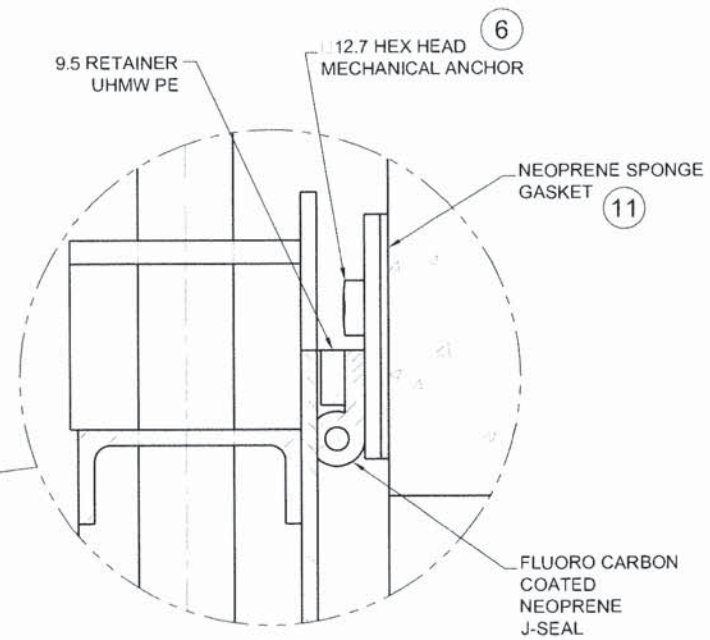
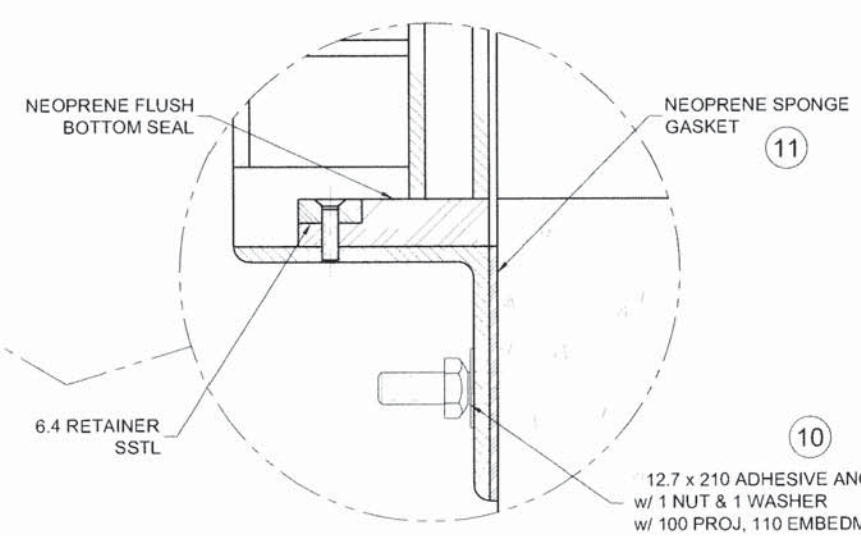






SECTION A - A





BILL OF MATERIAL

NO.	QTY	DESCRIPTION	MAT'L	WT.	PART/DWG NO.
1	1	GATE ASSEMBLY	Al	31.1	09-1097706-070
2	1	38.1 x 746 LG STEM	303SS	6.8	09-1097706-074
3	1	LWB LIFT w/ 38.1 BRZ LIFT NUT		4.0	ALWB038BLL
4	2	9.5 x 51 MACH BOLT w/ 1 WASHER	304SS	0.2	ABM16051S0
5	1	89 x 89 x 64 STEM BLOCK	BRZ	3.0	AR089BBTRH
6	2	12.7 x 121 HEX HEAD MECHANICAL ANCHOR	304SS	0.1	ABQ13121SH
7					
8	1	FLOOR BOX (420 LG)	C.I.	5.0	AF70000000
9	1	FLOOR BOX COVER	C.I.	1.3	AF80000000
10	11	12.7 x 210 ADHESIVE ANCHOR w/ 1 NUT AND 1 WASHER	304SS	3.4	ABD13210S0
11	1	9.5 x 76 x 3300 NEOPRENE	RUBB	0.6	AK07609040
12	1	'T' WRENCH (1067 LG)	AL	4.0	AHT1067000

NOTES:

1) ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
2) SEE MANUAL G-1900-1 FOR INSTALLATION AND ADJUSTMENT INSTRUCTIONS
3) STEM THREAD - MODIFIED SINGLE ACME LEFT HAND, 4 THREADS PER 25.4 mm
   STEM MATERIAL - STAINLESS STEEL ASTM A582, TYPE 303
4) DO NOT SCALE DRAWING
5) GATE OPENS WHEN OPERATOR IS TURNED COUNTER-CLOCKWISE
6) INSTALL ANCHOR BOLTS USING THE EMBEDDED DEPTHS AND PROJECTIONS AS SHOWN ON DRAWING AND MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. PROPER INSTALLATION OF THE ANCHOR BOLTS IS THE RESPONSIBILITY OF THE CONTRACTOR
7) ALL ANCHOR BOLT PROJECTIONS ASSUME NO GROUT
8) **CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS**
9) MATERIAL: - **Al** - STRUCTURAL: ALUMINUM 6061-T6
   - PLATES: ALUMINUM ASTM B-209, ALLOY 6061 T-6
   - FASTENERS: **304SS** - STAINLESS STEEL ASTM F593, F594 TYPE 304
   - ANCHORS: STAINLESS STEEL AISI TYPE 304
   - **POLY**: BLACK ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMW PE)
   - SEALS: **RUBB** - NEOPRENE ASTM D2000 NON RECLAIMED w/ FLUORO CARBON COATED NOSING
   - FLUSH BOTTOM: NEOPRENE ASTM D2000
   - NEOPRENE GASKET: **RUBB** - SOFT SC41 NEOPRENE SPONGE PSA-1S ASTM D1056-67
10) ALL PAINTED SURFACES SUPPLIED w/ MANUFACTURER'S STANDARD COATING, UNLESS NOTED OTHERWISE
11) ALL STAINLESS STEEL FASTENERS SHOULD BE INSTALLED WITH AN ANTI-SEIZE LUBRICANT SUCH AS FELPRO C5A COPPER BASE ANTI-SEIZE LUBRICANT
12) STOP NUT MUST BE SET PRIOR TO OPERATING THE GATE
13) GATE AND LIFT DESIGNED FOR 1.1 m SEATING AND 1.1 m UNSEATING HEAD MEASURED FROM INVERT

TAG NO.
03-SG-112A, 03-SG-112B, 03-SG-112C,
03-SG-122A, 03-SG-122B, 03-SG-122C,
03-SG-132A & 03-SG-132C

NO.	DATE	DESCRIPTION OF REVISION	BY	CK'D
2	10/05/05	ISSUED FOR CONSTRUCTION	AL	
1	10/03/02	RE-ISSUED FOR APPROVAL	AL	JB
0	09/11/09	ISSUED FOR APPROVAL	dp	JB

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MAPLE REINDERS INC.
CITY OF PENTICTON - AWWTP UPGRADE

458 mm x 458 mm
ALUMINUM FLAT BACK GATE
w/ FLOOR BOX
AND "T" WRENCH

DATE 09/10/26
DRAWN dp
CHECKED JB
REVIEWED
SCALE N.T.S.

TAG NO. SEE ABOVE

BR.-SG# 580-1097706

armtec
ARMTEC LIMITED PARTNERSHIP

QUANTITY 8

WT 59.5 kg

DRAWING NO. 09 1097706 007 REV 2

SHEET 7 OF 21