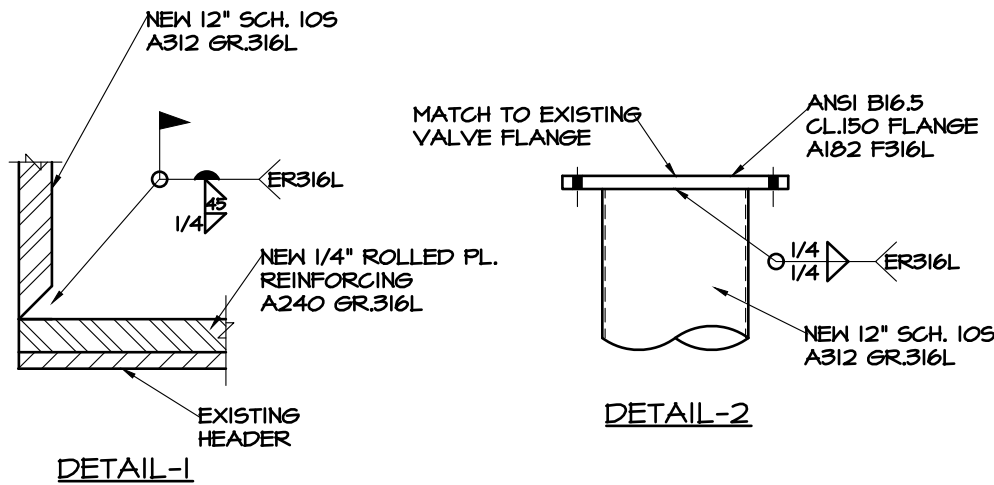


SECTION-A

ELEVATION

SECTION-B



BLOWER HEADER PIPING REWORK

1. DROP LEGS AND VALVES TO BE REMOVED OR INDEPENDENTLY SUPPORTED TO PERMIT SAFE REWORK OF THE BLOWER HEADER PIPING CONNECTIONS.
2. CUT AND REMOVE THE EXISTING VERTICAL SEGMENT OF THE 12" DROPLEG AND FLANGE.
3. FABRICATE REPLACEMENT SECTION USING 12" SCH10S PIPE, ASTM A312 GRADE 316L.
4. NEW ANSI B16.5 FLANGE TO A182 F316L
5. FABRICATE AND INSTALL NEW ROLLED REINFORCING PLATE TO A240 GR 316L.
6. WELDING TO CSA W47.1 AND AWS D1.6 OR ASME SECTION IX.
7. WELDERS FOR HEADER PIPE TO HOLD VALID LICENSE TO ASME SECTION IX ISSUED BY ITS MANITOBA FOR THE RELEVANT PROCESS OR CSA W47.1, 'T' CLASSIFICATION LICENSE ISSUED BY THE CANADIAN WELDING BUREAU.

ALTERNATE CONSTRUCTION (SEE 2023014-P6)

1. REPLACE A SECTION OF THE 24" BLOWER HEADER AND BUILD AS A SPOOL PIECE TOGETHER WITH THE REPLACEMENT 12" VERTICAL SECTION AND CROSSOVER ELBOW CONNECTIONS.
2. REPLACEMENT BLOWER HEADER SECTION TO BE A312 TP316L SCH 10S PIPE
3. FLANGES TO BE CL150, ANSI B16.5 BOLT PATTERN, A182-F316L.

B.M. ELEV.			
CONSTRUCTION COMPLETION DATE: YYYY MM DD			
NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER 85-2023	2023 03 10	JC



DESIGNED BY:	FAR	CHECKED BY:	FAR
DRAWN BY:	JC	APPROVED BY:	FAR
SCALE:	HORIZONTAL	RELEASED FOR CONSTRUCTION	
DATE:	2023 03 10	DATE:	

ENGINEER'S SEAL
CONSULTANT DRAWING NUMBER
2023014-P4



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

2023 NEWPCC SBR UPGRADES
SBR TANK No1. PIPING
BLOWER HEADER REINFORCEMENT

SHEET 4 OF 6
CITY DRAWING NUMBER
85-2023
DRAWING
2023014_P4-RO