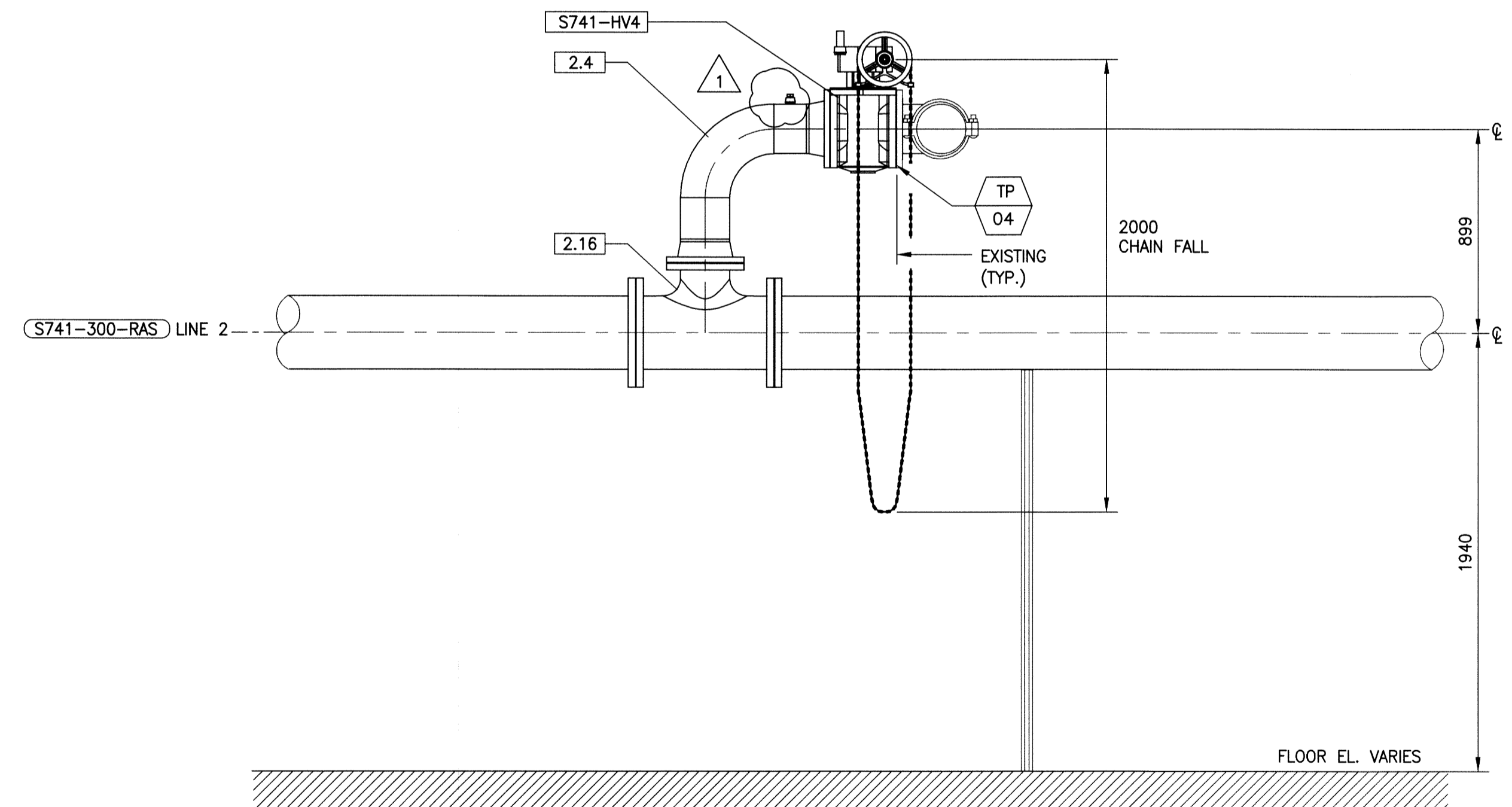
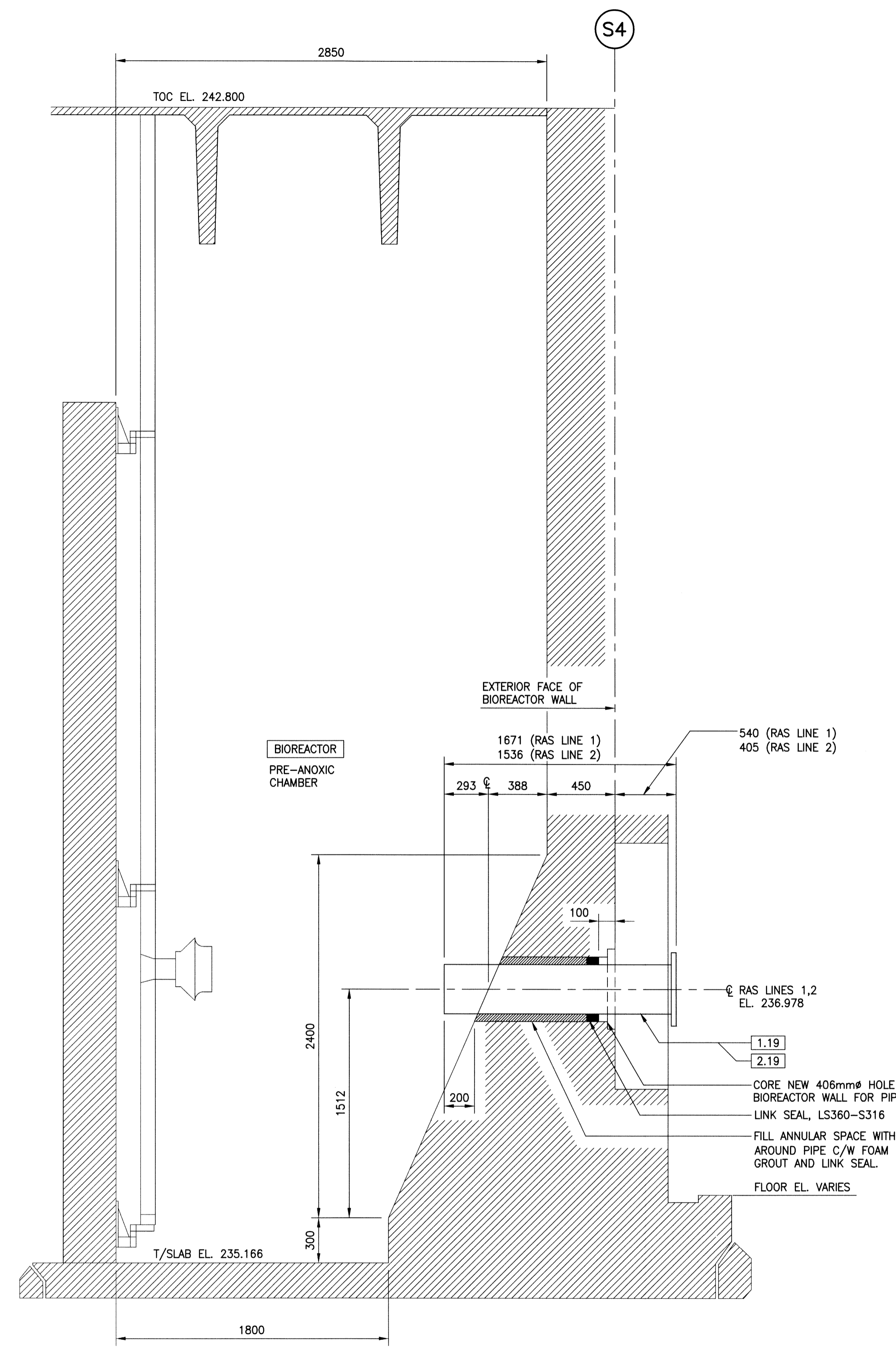


A SECTION
M03 SCALE: 1:20

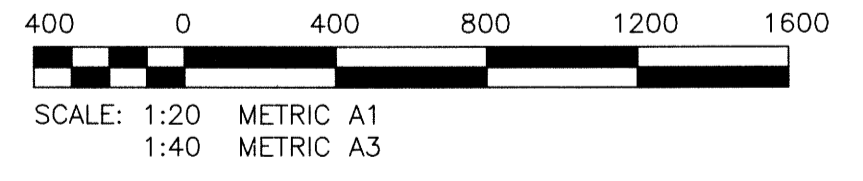


B SECTION
M04 SCALE: 1:20
NOTE: TYPICAL ARRANGEMENT FOR BOTH RAS LINES

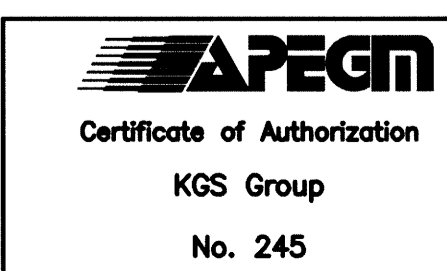


**NEW RAS PIPE
DETAIL- PENETRATIONS INTO BIOREACTOR**
SCALE: 1:20

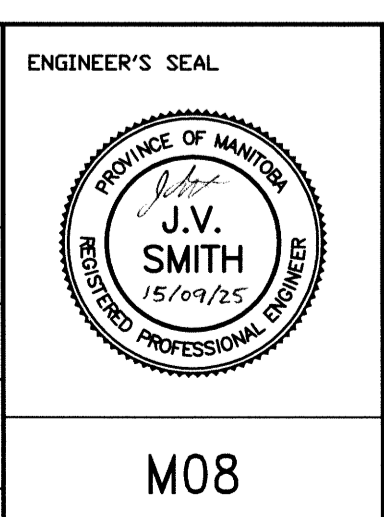
- GENERAL NOTES:**
1. REFER TO GENERAL NOTES ON DWG. M02.
- PIPE SUPPORTS**
REFER TO DWG. M03 FOR PIPE SUPPORT DESCRIPTIONS.
- PIPE SPOOL LIST**
REFER TO DWG. M03.
- VALVE LIST**
REFER TO DWG. M03.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



FIELD BOOK #		DESIGNED BY JS		CHECKED BY RED	
POSTED TO LBIS		DRAWN BY RP		APPROVED BY JS	
1 RE-ISSUED FOR CONSTRUCTION 15/09/25 JS		HOR. SCALE AS NOTED		RELEASED FOR CONSTRUCTION	
0 ISSUED FOR CONSTRUCTION 15/09/17 JS		VERTICAL AS NOTED		DATE 2015 08 17	
NO. REVISIONS		DATE		DATE 2015 09 17	



THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WEWPCC RAS PIPE REPLACEMENT

MECHANICAL
RAS PIPING - SECTIONS AND DETAILS

SHEET 1 OF 1
CITY DRAWING NUMBER
1-0103S-M0035-001-01