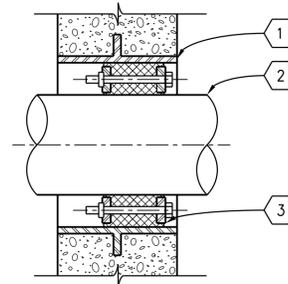


TYPICAL PIPE INSULATION DETAIL (BRACKET)  
NTS

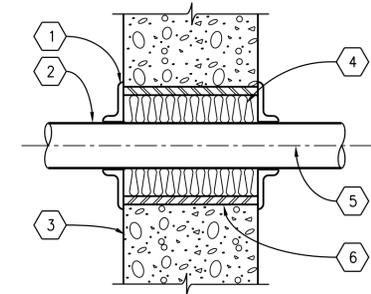
2205-701



1. PIPE SLEEVE
2. PASSING PIPE
3. MODULAR MECHANICAL SEAL ASSEMBLY WITH SST BOLTS AND NUTS, AS SPECIFIED

WALL PIPE PENETRATION SEAL  
NTS

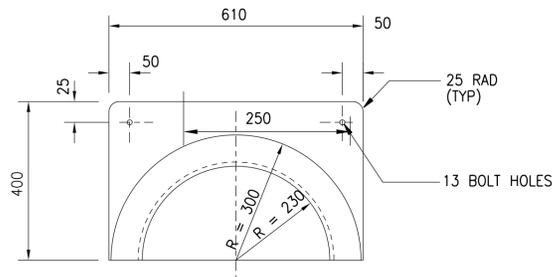
2210-103



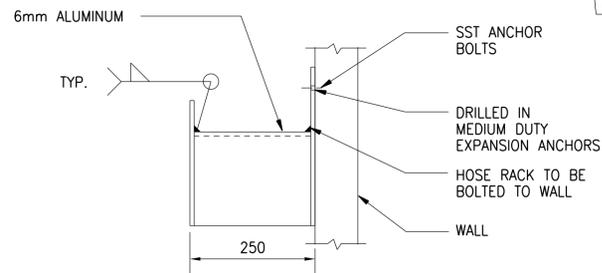
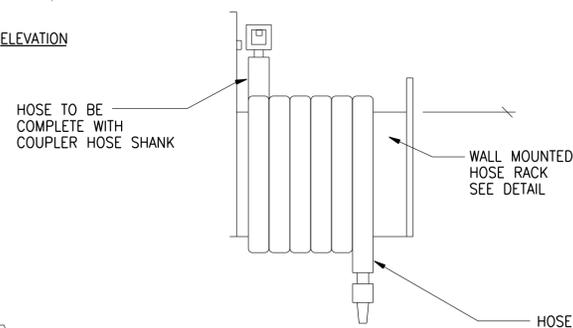
1. ESCUTCHEONS, TYPICAL
2. SERVICE PIPE
3. CMU WALL
4. PACKED MINERAL FIREPROOFING & SAFING
5. CENTER PIPE THRU SLEEVE
6. STEEL PIPE SLEEVE, 50MM LARGER THAN SERVICE PIPE. EXAMPLE: 25MM PIPE REQUIRES 75MM SLEEVE SIZES NOMINAL.

INTERIOR PIPE SLEEVE  
NTS

2210-104



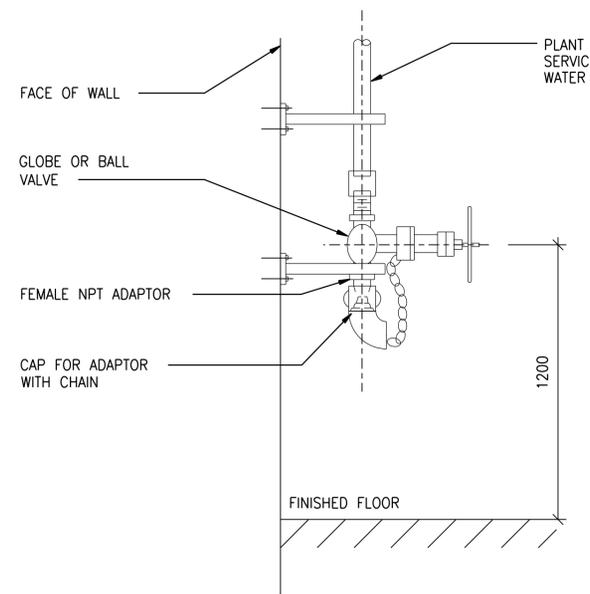
ELEVATION



SIDE VIEW

HOSE RACK-WALL MOUNT  
NTS

2210-720

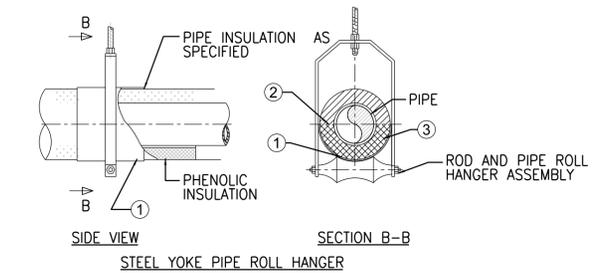


NOTE:

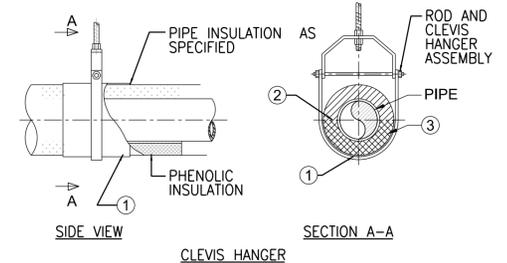
1. REFER TO CONTRACT DRAWINGS FOR VALVE AND PIPING SIZES
2. PROVIDE HOSE RACK HOSE DOWN STATION (2210-720) FOR EACH

INTERIOR HOSE VALVE  
NTS

2210-300



SIDE VIEW SECTION B-B  
STEEL YOKE PIPE ROLL HANGER



SIDE VIEW SECTION A-A  
CLEVIS HANGER

DETAIL NOTES

1. 200 mm LONG GALVANIZED STEEL SHIELD BETWEEN THE INSULATION AND HANGER FOR ALL PIPE 50 MM DIA AND ABOVE AND NOT REQUIRING A ROLLER HANGER
2. SEAL JOINTS BETWEEN 2 TYPES OF INSULATION WITH MASTIC COMPOUND
3. NON-COMPRESSIBLE INSULATION

TYPICAL PIPE HANGER  
NTS

2210-450



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER - B.O. 899-2015	01/2016	K.F.	J.C.

<b>CH2MHILL</b>		<b>KCS GROUP</b>	
DESIGNED BY: T. TRAN	CHECKED BY: D. LE	ENGINEER'S SEAL	
DRAWN BY: K. FONG	APPROVED BY: H.T. FREIHAMMER		
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: T. TURZAK		
DATE: 2016/01/29	DATE: 2016/01/29	CONSULTANT NO.: 474248	

SOUTH END WATER POLLUTION CONTROL CENTRE SEWPCC UPGRADE/EXPANSION PROJECT MECHANICAL PLUMBING STANDARD DETAILS (1)		
CITY DRAWING NUMBER 1-0102-MDTL-A002	SHEET 00	REV. SIZE A1