

NOMINAL PIPE SIZE (in) mm.	HORIZONTAL (ft) m.	VERTICAL (ft) m.	HANGER ROD DIA. (in) mm.	WIDTH OF WOOD (in) mm.	TYPE OF HANGER
1/2 15	8.5 2.60	8 2.40	3/8 9	2502	11/2 40
3/4 20	8 2.40	10 3.00	3/8 9	2502	11/2 40
1 25	8 2.40	10 3.00	3/8 9	2502	11/2 40
1 1/4 32	8 2.40	10 3.00	3/8 9	2502	11/2 40
1 1/2 40	10 3.00	12 3.60	3/8 9	2503	11/2 40
2 50	10 3.00	12 3.60	3/8 9	2503	11/2 40
2 1/2 65	10 3.00	15 4.50	1/2 12	3205 U	11/2 40
3 80	12 3.60	15 4.50	1/2 12	3205 U	11/2 40
4 100	13 4.00	15 4.50	5/8 15	3205 U	11/2 40
5 125	18 5.40	15 4.50	5/8 15	3205 U	11/2 40
6 150	18 5.40	15 4.50	7/8 22	3205 U	11/2 40
8 200	20 6.00	18 5.40	7/8 22	4408 U	3 75
10 250	20 6.00	18 5.40	7/8 22	4408 U	3 75
12 300	20 6.00	18 5.40	7/8 22	5009 U	3 75
14 350	20 6.00	18 5.40	1 25	5009 U	3 75
16 400	20 6.00	18 5.40	1 25	6302 U	4 100
18 450	20 6.00	18 5.40	1 1/8 28	6302 U	4 100
20 500	20 6.00	20 6.00	1 1/4 32	7503 U	4 100
24 600	20 6.00	20 6.00	1 1/4 32	7503 U	4 100
30 750	20 6.00	20 6.00	1 1/4 32	7503 U	4 100

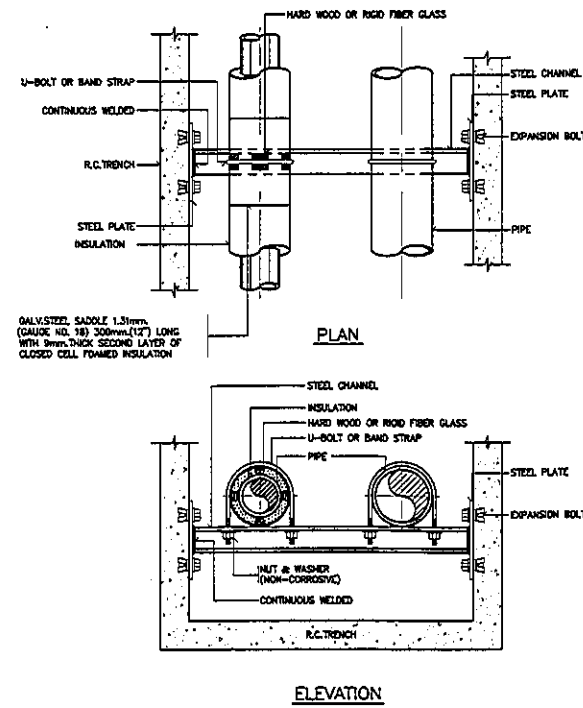
NOTE: # MEANS PIPE DIAMETER AND/OR PIPE DIAMETER PLUS INSULATION

NOMINAL PIPE SIZE (in) mm.	STEEL CHANNEL (MILLIMETRE)	U-BOLT SIZE (in) mm.	STRAP mm.	EXPANSION BOLT (in) mm.	WIDTH OF WOOD (in) mm.
1/2 15	750405	1/4 6	2502	1/4 6	11/2 40
3/4 20	750405	1/4 6	2502	1/4 6	11/2 40
1 25	750405	1/4 6	2502	1/4 6	11/2 40
1 1/4 32	750405	1/4 6	2502	3/8 9	11/2 40
1 1/2 40	750405	1/4 6	2503	3/8 9	11/2 40
2 50	750405	3/8 9	2503	3/8 9	11/2 40
2 1/2 65	750405	3/8 9	3205	3/8 9	11/2 40
3 80	750405	3/8 9	3205	3/8 9	11/2 40
4 100	750405	1/2 12	3205	1/2 12	2 50
5 125	1000505	1/2 12	3205	1/2 12	2 50
6 150	1000505	5/8 15	3805	5/8 15	2 50
8 200	15007505	5/8 15	4408	5/8 15	3 75
10 250	15007505	3/4 19	4408	3/4 19	3 75
12 300	15007505	7/8 22	5009	7/8 22	3 75
14 350	15007505	7/8 22	5009	7/8 22	3 75
16 400	15007505	7/8 22	6306	7/8 22	4 100
18 450	15007505	1 25	6306	1 25	4 100
20 500	15007505	1 25	7509	1 25	4 100
24 600	20001009	1 25	7509	1 25	4 100
30 750	20001009	1 25	7509	1 25	4 100

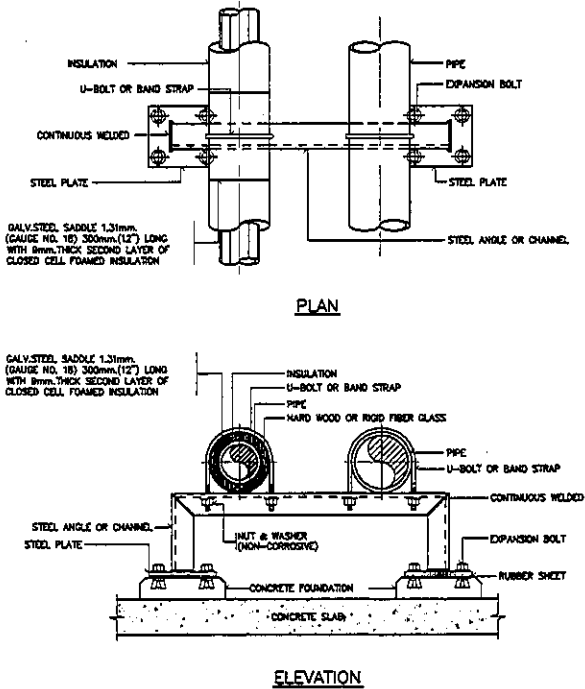
NOTE: # MEANS PIPE DIAMETER AND/OR PIPE DIAMETER PLUS INSULATION

NOMINAL PIPE SIZE (in) mm.	ANGLE OR CHANNEL (in) mm.	BOLT & STRAP SIZE (in) mm.	STEEL PLATE (in) mm.	EXPANSION BOLT (in) mm.	QTY.
1/2 15	300505H	5 2502	15001504	1/4 6	4
3/4 20	300505H	6 2502	15001504	1/4 6	4
1 25	300505H	6 2502	15001504	1/4 6	4
1 1/4 32	300505H	8 2502	15001504	1/4 6	4
1 1/2 40	300505H	8 2503	15001504	1/4 6	4
2 50	300505H	9 2503	20002005	3/8 9	6
2 1/2 65	300505H	9 2503	20002005	3/8 9	6
3 80	300505H	9 2503	20002005	3/8 9	6
4 100	300505H	12 3205	20002005	3/8 9	6
5 125	1000505	12 3205	20002005	3/8 9	6
6 150	1000505	13 3805	20002005	3/8 9	6
8 200	15007505	15 4408	20002005	3/8 9	6
10 250	15007505	18 4408	20002005	1/2 12	8
12 300	15007505	22 5009	20002005	1/2 12	8
14 350	15007505	22 5009	20002005	1/2 12	8
16 400	15007505	22 6306	20002005	1/2 12	8
18 450	15007505	25 6306	20002005	1/2 12	8
20 500	15007505	25 7509	20002005	1/2 12	8
24 600	20001009	25 7509	20002005	1/2 12	8
30 750	20001009	25 7509	20002005	1/2 12	8

NOTE: # MEANS PIPE DIAMETER AND/OR PIPE DIAMETER PLUS INSULATION

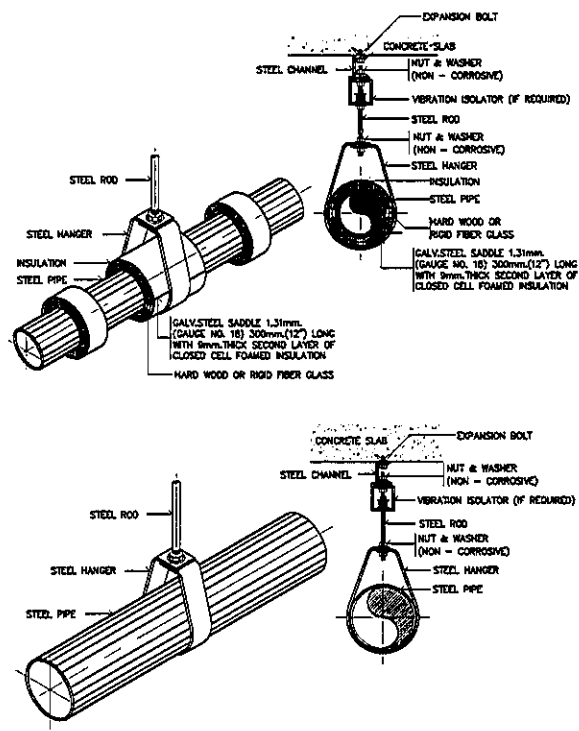


NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.



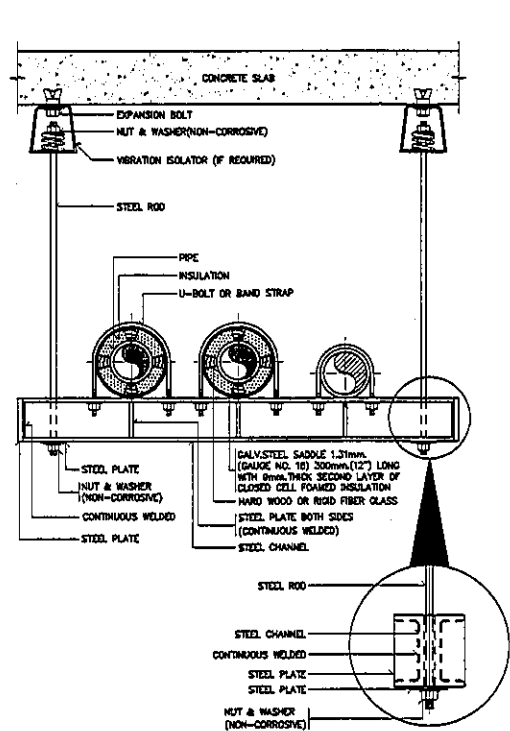
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

HANGER ROD SIZE AND SPACING (STEEL PIPE)



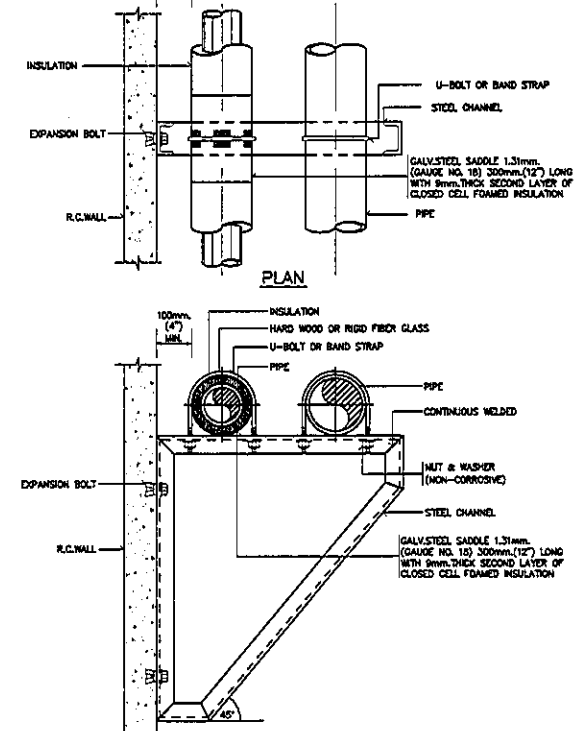
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

PIPE RISER



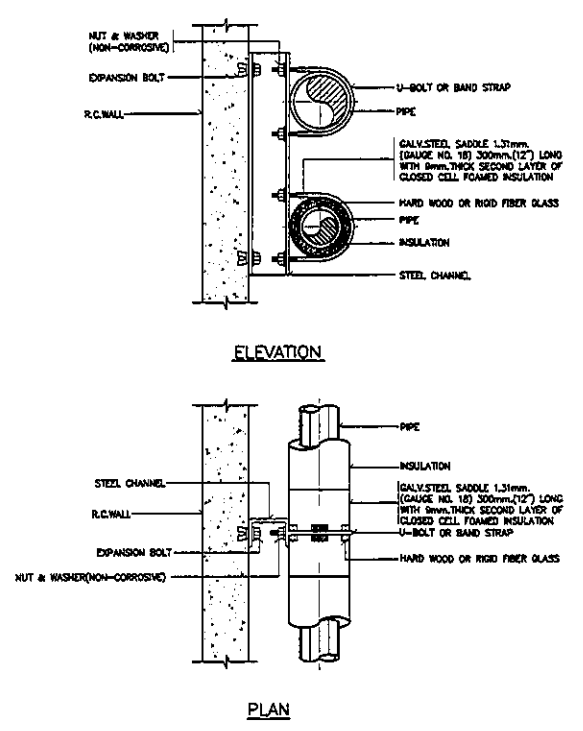
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

PIPE SUPPORT TO FLOOR AND TRENCH



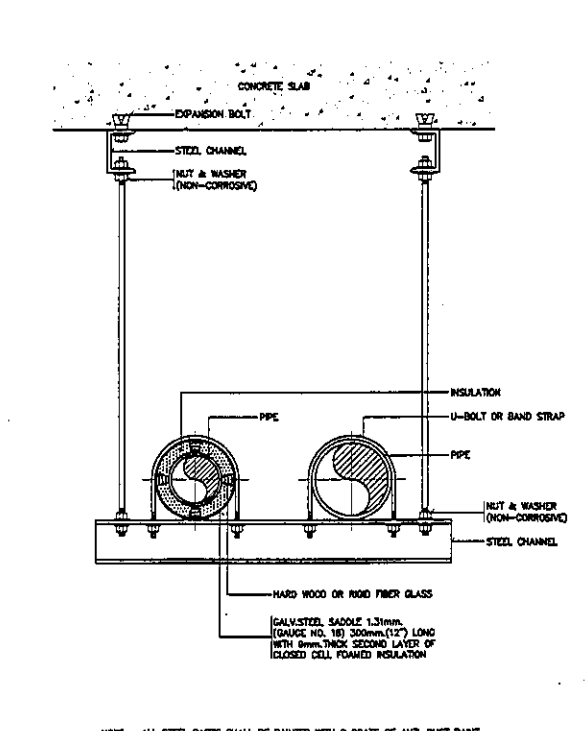
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

PIPE SUPPORT IN TRENCH



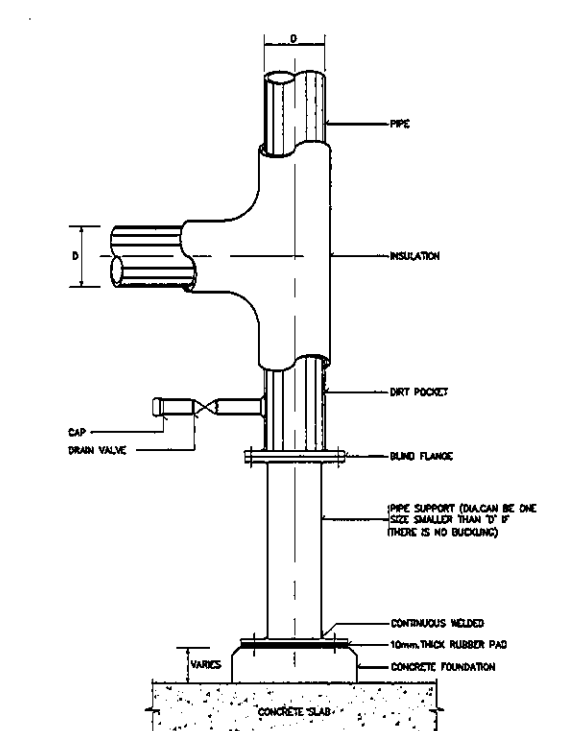
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

PIPE SUPPORT TO FLOOR



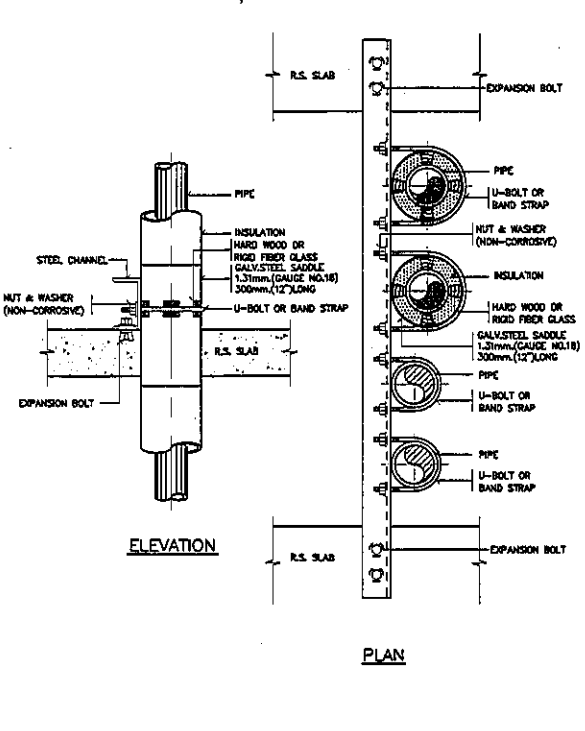
NOTE: ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.

PIPE HANGER FOR SIZE UP TO 50 mm (2")



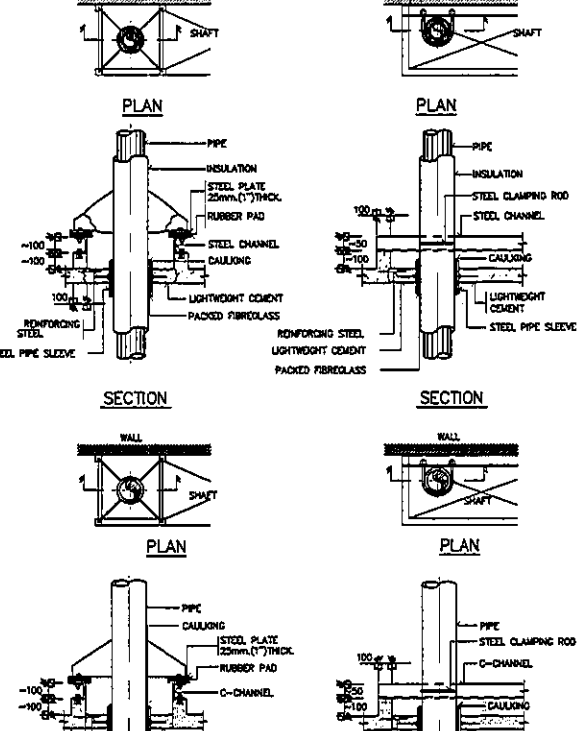
PIPE RISER SUPPORT

MULTIPLE PIPE RISER



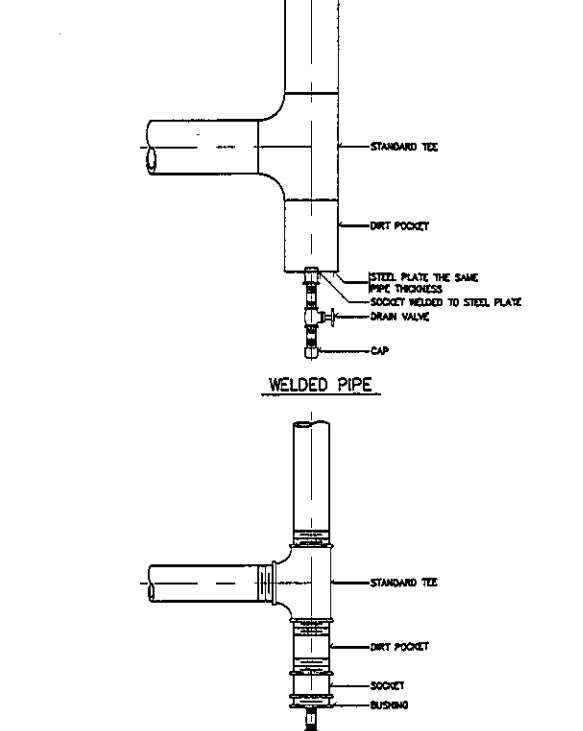
NOTE: 1. ALL STEEL PARTS SHALL BE PAINTED WITH 2 COATS OF ANTI-RUST PAINT AND 1 COAT OF FINISH PAINT OR AS SPECIFIED.
2. A LIFT LIFT AND BLOW-OFF VALVE SHALL BE PROVIDED ON EVERY RISERS

PIPE SUPPORT TO WALL



PIPE PASS THRU SHAFT

PIPE SUPPORT TO WALL



PIPE RISER DRAIN CONNECTION

PIPE HANGER



REVISION	
NO.	DESCRIPTION
1.	04/12/2563
2.	01/02/2564
3.	
4.	
5.	
6.	
7.	
8.	
9.	

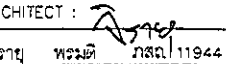


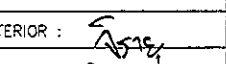
S2 all co.,ltd.

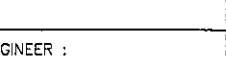
PROJECT : โครงการพัฒนาระบบประปา
พื้นที่โครงการ S9
และพื้นที่รอบๆ S9
ฝั่งตะวันออก
(พื้นที่ S9, NCU)

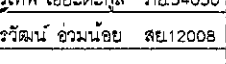
LOCATION : สถาบันอุตสาหกรรมสิ่งแวดล้อม
420/8 ถนนราชวิถี แขวงทุ่งพญาไท
เขตราชวิถี กรุงเทพมหานคร 10400

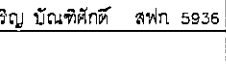
CLIENT : กองบริหารการสิ่งแวดล้อม
80 พรรษา มหาวิทยาลัย
บูรณศิริราชพยาบาล

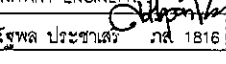
ARCHITECT : 
จิรายุ พรหมดี วิศวกร 11944

INTERIOR : 
จิรายุ พรหมดี วิศวกร 11944

ENGINEER : 
STRUCTURAL ENGINEER :
พญกัญญา เชื้อขจรกุล ภา.54050
วิศวกร 11944

ELECTRICAL ENGINEER : 
ปริญญ์ นันทสิทธิ์ ภา. 5936

SANITARY ENGINEER : 
ณัฐพร ปรัชชาภาส ภา. 1816

MECHANICAL ENGINEER : 
ณัฐพร ปรัชชาภาส ภา. 5352

DRAWN : 999
CHECK : 999
JOB No : 999

DATE : 99/99/9999
SCALE : NTS.
SHOWING :
แบบแปลน 3

AC-19

ALL DESIGN AND DRAWING ARE THE PROPERTY OF S2 ALL Co.,Ltd.