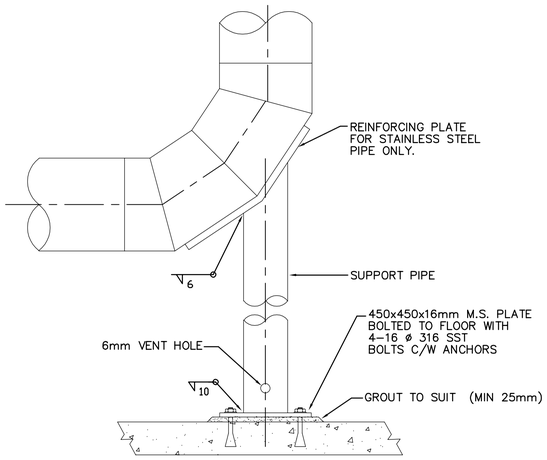
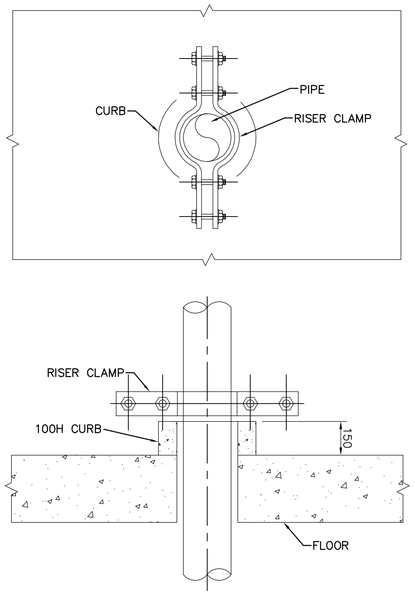
SHEET: COW-A1 (05/2005)

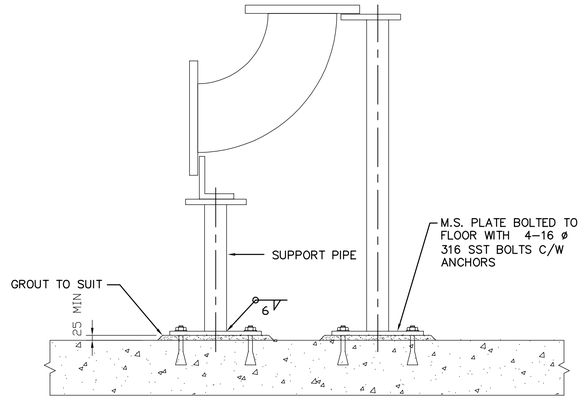


PIPE SIZE (mm)	SUPPORT PIPE (mm, schedule)	MAXIMUM SUPPORT PIPE LENGTH (mm)
350	200 SCH 40	1830
400	200 SCH 40	1830
500	250 SCH 20	1830
600	300 SCH 20	1830
750	350 SCH 20	1830
900	400 SCH 20	1830
1050	400 SCH 20	1830

1 – SUPPORT FOR BASE ELBOW (MITERED)

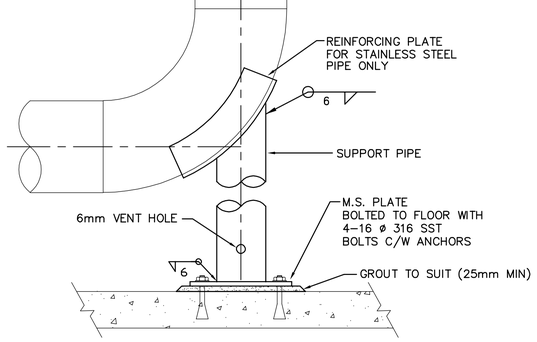


2 – VERTICAL FLOOR PENETRATION



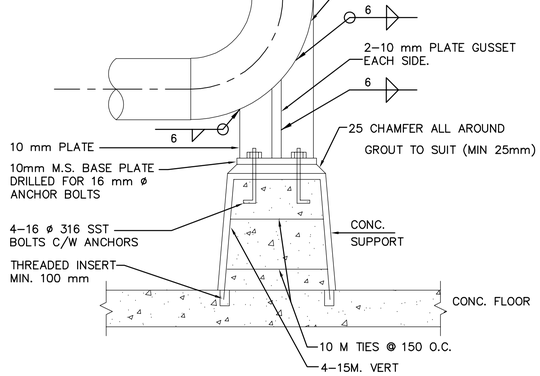
PIPE SIZE (mm)	SUPPORT PIPE (mm)	PLATE SIZE (mm)	MAXIMUM SUPPORT PIPE LENGTH (mm)
100	50 SCH 40	150 X 150 X 10	1525
150	50 SCH 40	150 X 150 X 10	1525
200	100 SCH 40	250 X 250 X 10	1625
250	100 SCH 40	250 X 250 X 10	1625
300	100 SCH 40	250 X 250 X 10	1830
350	100 SCH 40	250 X 250 X 10	1830
400	100 SCH 40	250 X 250 X 10	1830
500	100 SCH 40	250 X 250 X 10	1830
600	150 SCH 40	300 X 300 X 10	1830
750	150 SCH 40	300 X 300 X 10	1830
900	150 SCH 40	300 X 300 X 10	1830

3 – SUPPORT FOR DUCTILE IRON BASE ELBOW



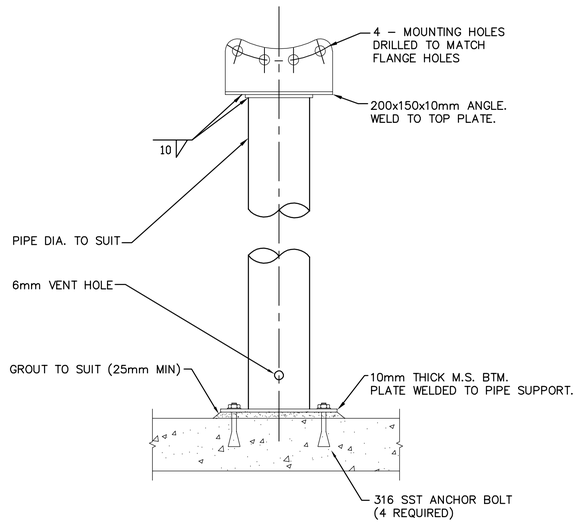
PIPE SIZE (mm)	SUPPORT PIPE (mm)	PLATE SIZE (mm)	MAXIMUM SUPPORT PIPE LENGTH (mm)
100	50 SCH 40	200 X 200 X 6	1525
150	50 SCH 40	200 X 200 X 6	1525
200	100 SCH 40	250 X 250 X 6	1625
250	100 SCH 40	250 X 250 X 6	1625
300	150 SCH 40	300 X 300 X 10	1830
350	200 SCH 40	350 X 350 X 10	1830
400	200 SCH 40	350 X 350 X 10	1830
500	200 SCH 40	350 X 350 X 10	1830
600	250 SCH 40	400 X 400 X 10	1830
750	300 SCH 40	450 X 450 X 10	1830
900	300 SCH 40	450 X 450 X 10	1830

4 – TYPE 1 BASE ELBOW SUPPORT FOR STEEL PIPE



PIPE SIZE (mm)	PLATE SIZE (mm)
100	100 X 100 X 6
150	125 X 125 X 6
200	150 X 150 X 6
250	150 X 150 X 6
300	200 X 200 X 10
350	250 X 250 X 10
400	250 X 250 X 10
500	300 X 300 X 10
600	350 X 350 X 10

5 – TYPE 2 BASE ELBOW SUPPORT FOR STEEL PIPE



6 – FLANGED PIPE SUPPORT

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441 Expiry: April 30, 2006

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	06/03/29	TB

CH2MHILL / Fredericksen Cooper ARCHITECTS / EarthTech A Tyco International Ltd. Company

DESIGNED BY	TB	CHECKED BY	LS
DRAWN BY	P SINGH	APPROVED BY	AHL
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
DATE	2005/12/02	DATE	2006/03/29

ENGINEER'S SEAL
ORIGINAL SIGNED BY
P. WOBMA
2006/03/29

CONSULTANT DRAWING NO.
WB-M0455

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
MAIN BUILDING
MECHANICAL AND ELECTRICAL

PROCESS MECANICAL

STANDARD DETAILS

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601B-A-M0455-001-00D

Last Save: 2006-03-27 12:44 PM

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