



NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. BENCHING TO HAVE 80mm FALL TO SUMP FOR 1050mm MANHOLE.
3. NORMAL OPERATING DEPTH OF THE SUCTION PIPE IS 1.8M TO 2.4M GREATER DEPTHS REQUIRE APPROVAL FROM GOLD COAST CITY COUNCIL.
4. SENSING LINE LENGTH IS NOT TO EXCEED 4 METRES.
5. VALVE PIT IS SINGLE PIECE ACOTYPE 8 POLYCRETE OR SIMILAR WITH A TWO PART CONCRETE COVER TO MATCH THE COVER CLASS OF THE VACUUM COLLECTION MANHOLE VALVE TO BE CENTRALLY LOCATED BELOW LID.
6. VALVE BOX NEED NOT BE IN LINE WITH VACUUM MAIN.
7. MAXIMUM DEVIATION ANGLE IS 45 DEGREES.
8. PIPEWORK PENETRATIONS TO THE CHAMBER AND PIT ARE TO BE SEALED WITH EPOXY MORTAR.
9. IF A CHANNEL IS REQUIRED IN THE ACCESS CHAMBER BENCHING, PIPE PENETRATIONS FOR GRAVITY SEWER MAINS INTO THE ACCESS CHAMBER ARE TO BE OFFSET IN ACCORDANCE WITH G.C.C.C STD DWG No. 08-07-108.
10. MOUNT SUCTION PIPE TO MAINTAIN 50mm MIN. CLEARANCE BETWEEN TOP OF VACUUM VALVE AND UNDERSIDE OF ACCESS CHAMBER. 20mm BREATHER HOSE IS TO SLOPE DOWNWARDS FROM VACUUM VALVE TO THE EXTERNAL BREATHER UNIT.
11. OPTIONAL ARRANGEMENT FOR SENSING TUBE: SWJ DN50 uPVC PRESSURE PIPE FOR FULL DISTANCE TO VALVE BOX AND COMMENCE SENSOR TUBING IN VALVE BOX (PAY ATTENTION TO ENSURE THAT JOINTS ARE AIR-TIGHT).
12. MANHOLE FORMAT, REFER TO G.C.C.C STD DWG No.s 08-07-108 TO 08-07-112.



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE					CONTROLLED DOCUMENT	DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY	
No.	AMENDMENT	APPROVED	DATE	ISSUED	DRAWN BY	G.C.W	08/07/08
					PASSED	D. HAYMAN	08/07/08
					APPROVED	R. WENT	08/07/08

STANDARD DRAWING
VACUUM COLLECTION MANHOLE AND VALVE PIT TYPICAL DETAIL

MICROFILMED
STANDARD DRAWING No. 08-07-144
ISSUE 2008 EDITION