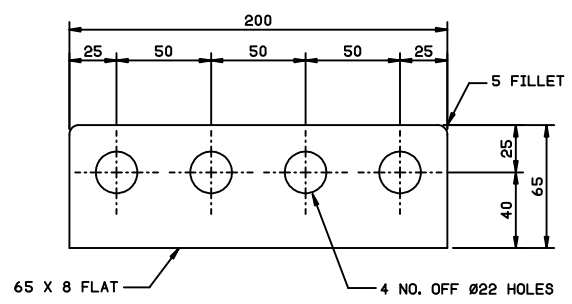
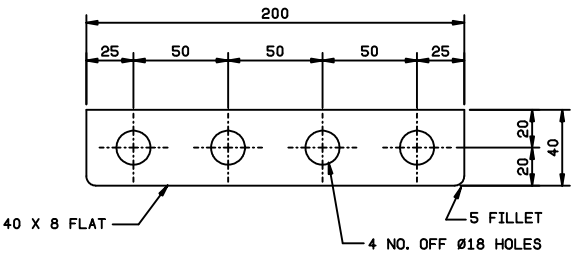


NOTES:
 GENERAL
 G1. ALL DIMENSIONS ARE IN MILLIMETRES.
 G2. THE PIPE SHOWN ON THIS DRAWING FOR THE HOSE TAIL PIPE MARK 5 MAY BE SUBSTITUTED WITH A DN150 HOT FINISHED SEAMLESS PIPE WITH OD152.2, WALL THICKNESS 6.3 AND ID139.6. THE PIPE IS TO BE WELDED TO THE BEND MARK 3 WITH A FULL PENETRATION FILLET WELD SIMILAR TO THE DETAIL SHOWN ON THE DN100 HOSE CONNECTION BEND ON DRAWING 386/5/25-0003-317

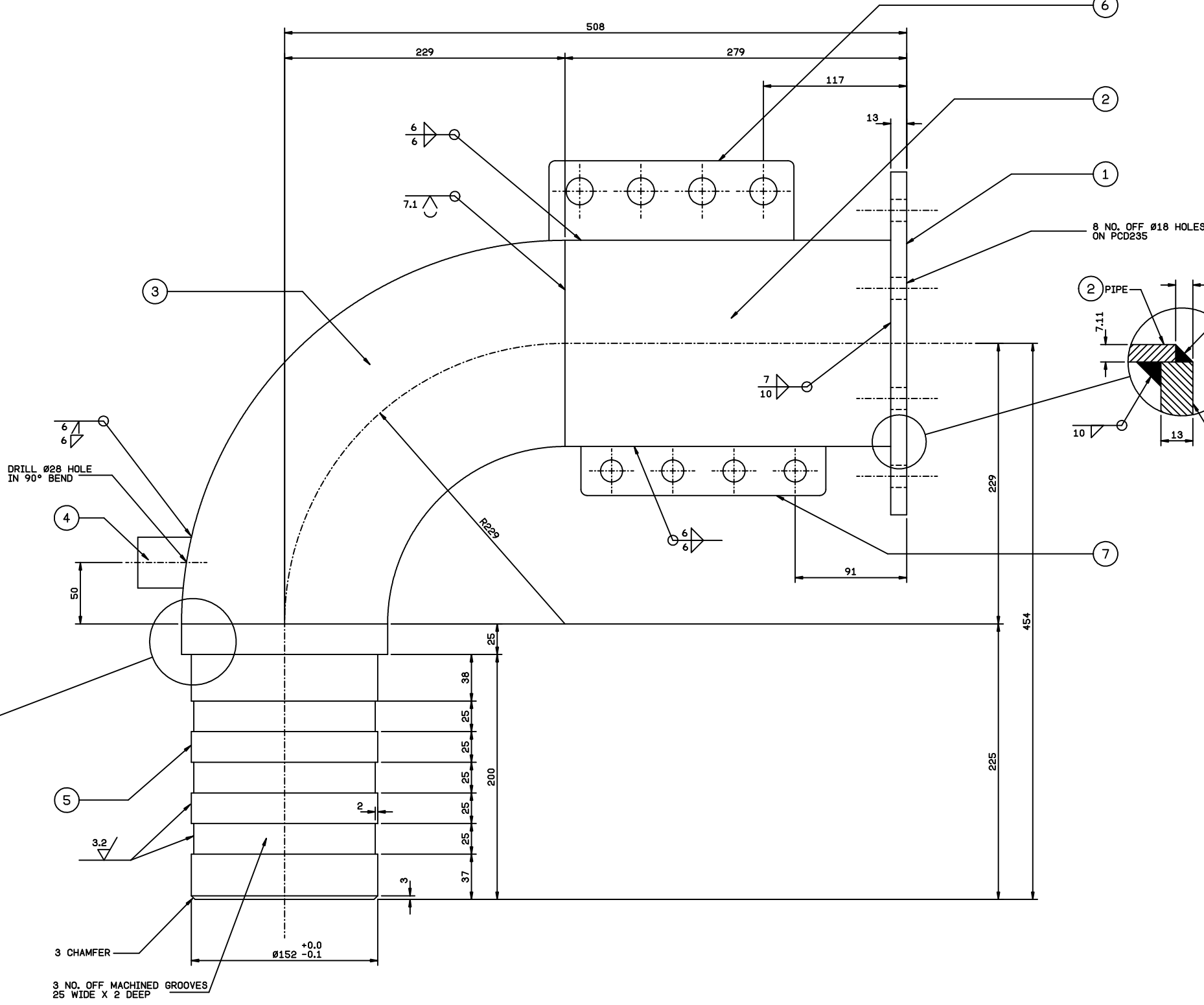
GALVANISING
 GA1. HOT DIPPED GALVANISING IS TO COMPLY WITH AS 4680.
 GA2. THE AVERAGE COATING MASS MINIMUM SHALL BE 600 g/m². THE AVERAGE COATING THICKNESS MINIMUM SHALL BE 85 µm.
 GA3. UNCOATED STEEL AREAS ARE NOT PERMITTED.



TOP HANGER ITEM 6
1 NO. OFF REQUIRED

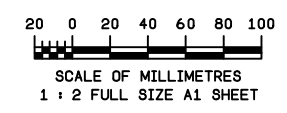


BOTTOM HANGER ITEM 7
1 NO. OFF REQUIRED



DN150 HOSE CONNECTION BEND
 SCALE 1 : 2 ON FULL SIZE A1 DRAWING SHEET
 MATERIAL: MILD STEEL HOT DIPPED GALVANISED AFTER FABRICATION

MATERIAL LIST	
ITEM NO.	DESCRIPTION
1	DN150 FLANGE TO AS4087 PN16 FIGURE B7 8 NO. OFF Ø18 HOLES ON PCD235 FLANGE OD280
2	DN150 SCHEDULE 40 PIPE OD168.3 WALL THICKNESS 7.11 ID154.05
3	DN150 90° LONG RADIUS BUTT WELDED BEND SCHEDULE 40 OD168.3 WALL THICKNESS 7.11 ID154.05
4	DN25 BSP THREADED SOCKET MACHINED FROM SOLID STEEL
5	DN150 SCHEDULE 120 PIPE MACHINED AS SHOWN OD168.3 WALL THICKNESS 14.27 ID139.76 FOR ALTERNATIVE PIPE MATERIAL REFER TO NOTE G2.
6	TOP HANGER BRACKET 65 X 8 FLAT SEE DETAIL
7	BOTTOM HANGER BRACKET 40 X 8 FLAT SEE DETAIL



DATE: 15FEB11 FILE: 5250003318*BOARD

NO.	DATE	AMENDMENT	DRAFTED	APPROVED
A	2/12/10	UPDATED TO QUJ REQUIREMENTS	I.G.B.	ORIG. C.J.E.

THIS DRAWING SETS OUT THE GENERAL REQUIREMENTS FOR A STANDARD SEWERAGE PUMPING STATION. THE PROJECT SPECIFIC DESIGNING ENGINEER IS RESPONSIBLE FOR ENSURING ALL LEGISLATION AND OBLIGATIONS ARE FOLLOWED AND THE DESIGN MEETS THE FUNCTIONAL REQUIREMENTS SET OUT BY QUEENSLAND URBAN UTILITIES. ANY VARIATIONS FROM THE REQUIREMENTS SHOWN ON THIS DRAWING WILL REQUIRE QUEENSLAND URBAN UTILITIES APPROVAL.

ORIGINAL SIGNED I. G. BRUMBY 19/2/09
 DESIGN RPEQ No. DATE
 ORIGINAL SIGNED C. J. EATON 6511 23/2/09
 DESIGN CHECK RPEQ No. DATE

ORIGINAL SIGNED K. VAHEESAN 24/2/09
 MANAGER ENGINEERING SERVICES DATE
 ORIGINAL SIGNED A. KRUMINS 23/2/09
 MANAGER INFRASTRUCTURE PLANNING & SERVICES DATE



PROJECT STANDARD DRAWING SUBMERSIBLE SEWERAGE PUMPING STATION

TITLE CHAIN SUSPENDED SUBMERSIBLE PUMP DN150 HOSE CONNECTION BEND DETAILS

SHEET No. OF SHEETS
 QUEENSLAND URBAN UTILITIES DWG. No. AMEND.
 486/5/25-0003-318 A