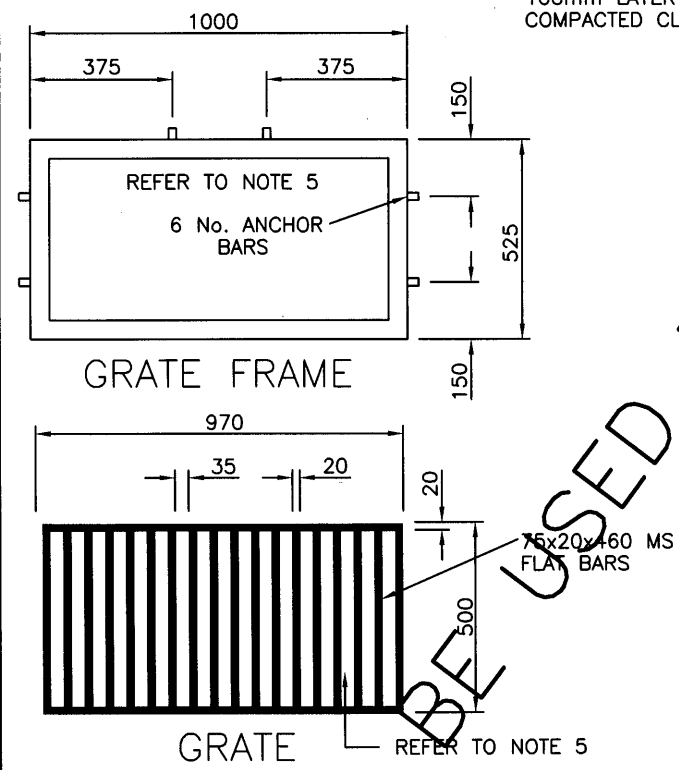
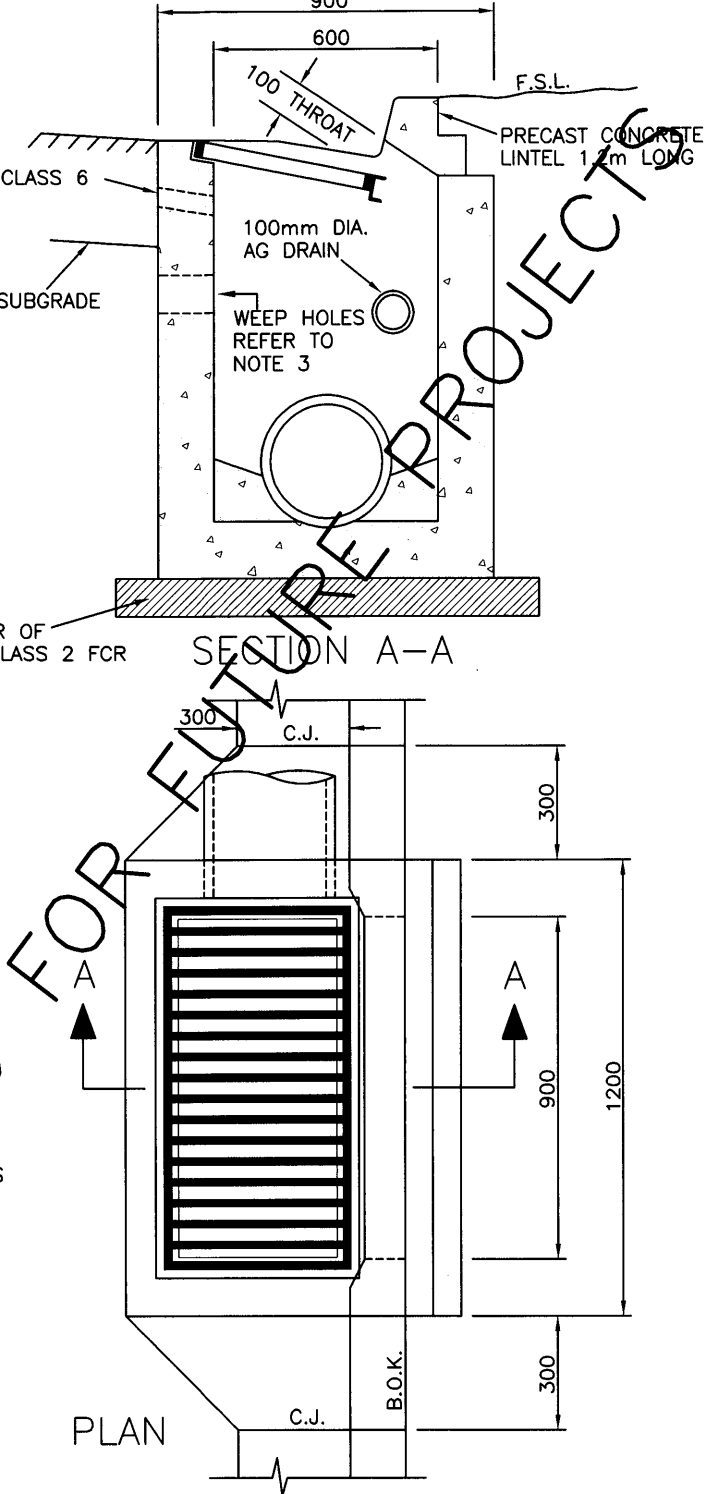


SECTION THROUGH GRATE



NOTES:

1. ALL WALLS TO BE 150mm THICK.
2. WHERE PIPE DIA. EXCEEDS PIT WIDTH OR DEPTH EXCEEDS 2.0m, REFER TO STD. DRAWING No. S255.
3. WEEPHOLE 100mm DIA. IN THE WALL AGAINST THE ROAD PAVEMENT TO BE 100mm BELOW SUBGRADE LEVEL.
4. SHAPE PIT INVERT TO ONE THIRD OUTLET PIPE DIAMETER.
5. GRATE FRAME SHALL BE CONSTRUCTED FROM 76x51x5 MS ANGLE. EACH CORNER SHALL BE WELDED ON UNDERSIDE OF HORIZONTAL LEG AND ON INSIDE OF VERTICAL LEG WITH SIZE 5 FILLET WELD. FRAME TO BE WELDED TO 125x65 13.4kg/m TF CHANNEL. GRATE UNITS SHALL BE MADE FROM 75x20 MS FLAT BARS. BOTH GRATE AND FRAME SHALL BE HOT DIP GALVANIZED.
6. CHANNEL INVERT TO BE DROPPED 70mm OVER A DISTANCE OF 600mm FROM BOTH SIDES OF THE PIT.
7. PROVIDE STEP IRONS FOR PIT DEPTHS EXCEEDING 1.0m, REFER TO STD. DRAWING No. S275.
8. CONCRETE STRENGTH 25MPa AT 28 DAYS.



GRATED SIDE ENTRY PIT
TYPE A
(900x600)

17/7/15
APPROVED
Sami
for
MANAGER
ENGINEERING SERVICES
DRAWING No.

DRAWN: V. NGUYEN	CHECKED: S.Q	AMENDMENTS: JUL 2015
SCALE: 1:20	DATE: MAY 2011	BY: D. WORSLEY

S210