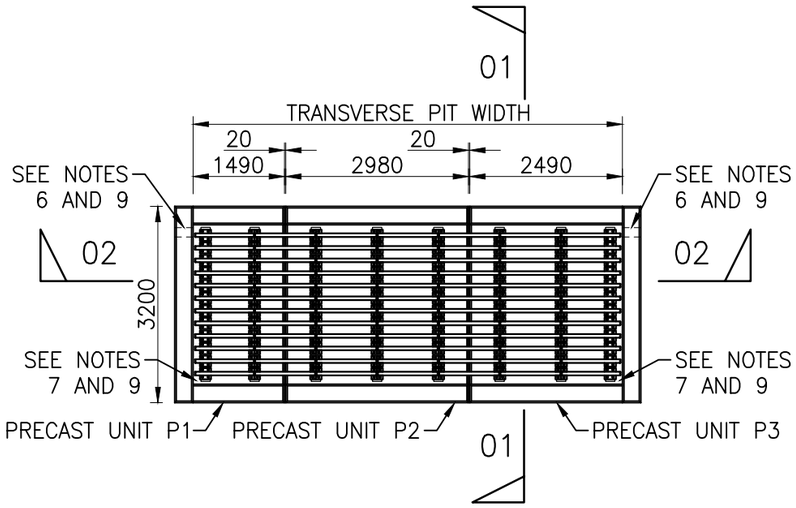
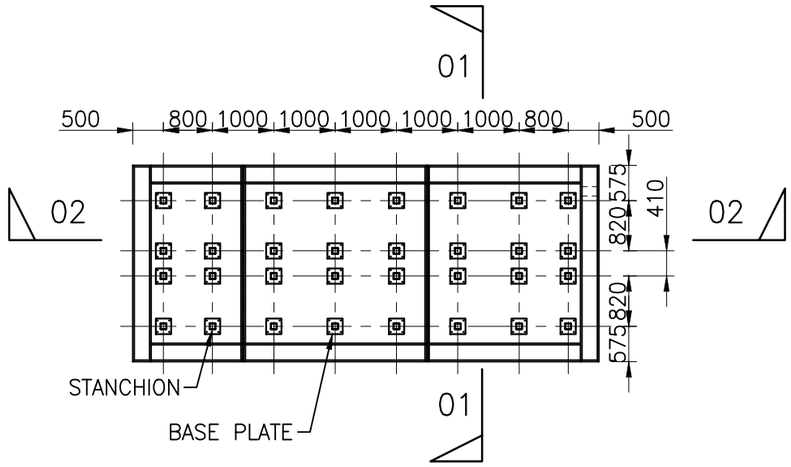


PLAN SHOWING GENERAL ARRANGEMENT

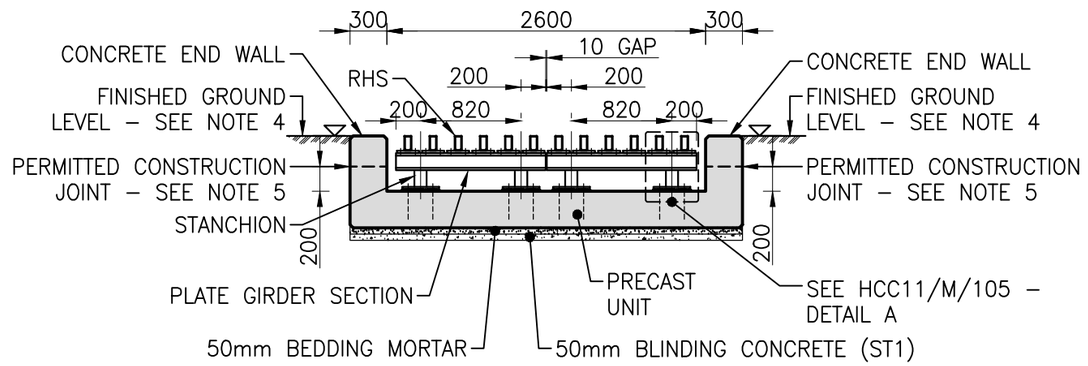
SCALE 1:100



PLAN SHOWING STANCHION AND BASE PLATE LAYOUT

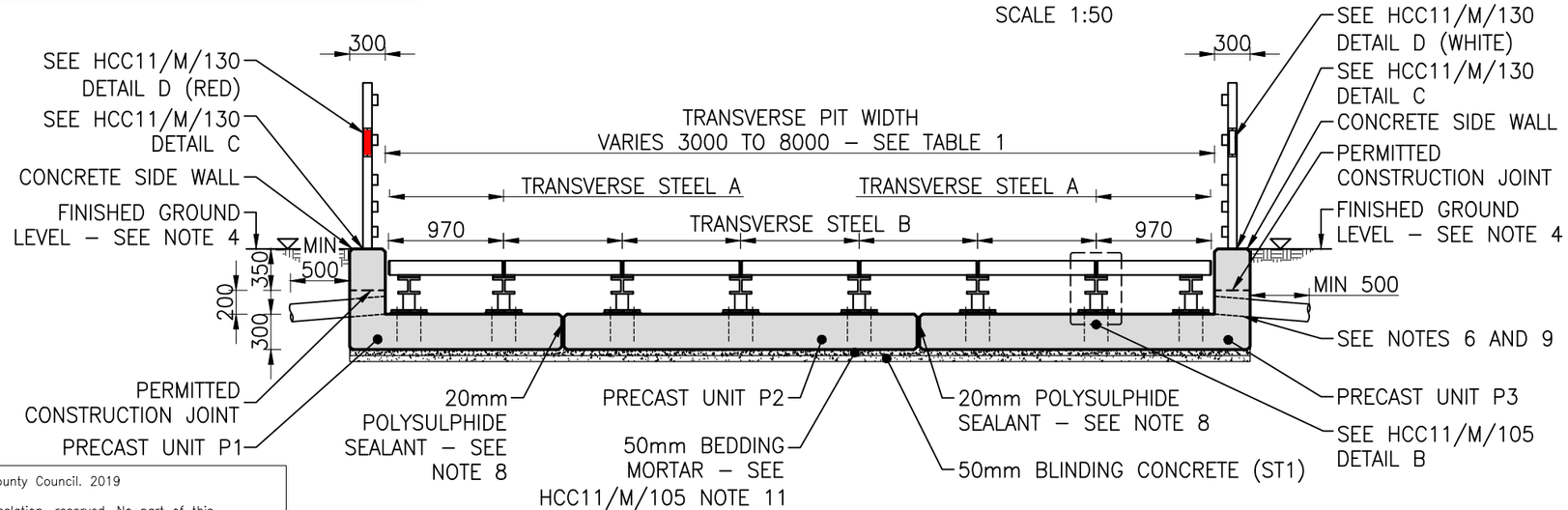
SCALE 1:100

TABLE 1		
TRANSVERSE PIT WIDTH	PRECAST UNIT ARRANGMENT	TRANSVERSE STEEL ARRANGEMENT
3000	P1 P1	A B A
4000	P1 P3	A B B A
5000	P3 P3	A B B B A
6000	P1 P2 P1	A B B B B A
7000	P1 P2 P3	A B B B B B A
8000	P3 P2 P3	A B B B B B B A



SECTION 01–01

SCALE 1:50



SECTION 02–02

SCALE 1:50

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NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
3. THE CONTRACTOR SHALL MANUFACTURE THE PRECAST CONCRETE UNITS OFF–SITE.
4. THE ORIENTATION AND LAYOUT OF THE CATTLE GRID AND THE FINISHED GROUND LEVELS SHALL BE DESCRIBED IN THE WORKS INFORMATION.
5. CONSTRUCTION JOINTS OTHER THAN THOSE SHOWN ON THE DRAWING SHALL NOT BE PERMITTED UNLESS AGREED BY THE OVERSEEING ORGANISATION. ALL EXPOSED ARRISES SHALL HAVE 25X25 CHAMFERS UNLESS OTHERWISE SHOWN.
6. A DRAINAGE OUTLET (150mm DIAMETER) SHALL BE CONSTRUCTED INTO THE CONCRETE SIDE WALL TO ALLOW THE PIT TO DRAIN SURFACE WATER AND SHALL HAVE A 1:12 FALL AWAY FROM THE CATTLE GRID. THE POSITIONING OF THE OUTLET IN EITHER PRECAST UNIT P1 OR P3 SHALL BE DESCRIBED IN THE WORKS INFORMATION. THE ENDS OF THE DRAINAGE DUCT SHALL BE TEMPORARILY SEALED DURING CASTING OF THE SLAB TO PREVENT INGRESS OF CONCRETE INTO THE PIPE. THE SPECIFICATION OF THE DRAINAGE PIPE SHALL BE IN ACCORDANCE WITH NOTE 8 OF HCC11/D/010 AND SHALL HAVE A FLUSH FINISH TO THE SURFACE OF THE SIDE WALL.
7. THE ANIMAL ESCAPE RAMPS (SEE HCC11/M/130 DETAIL E) HAVE BEEN OMITTED FOR CLARITY.
8. POLYSULPHIDE SEALANT AROUND EXPOSED JOINTS SHALL BE TO CLAUSE 2303.
9. THE GRID SHALL BE SET–OUT SO THE POSITIONS OF THE DRAINAGE PIPE AND ANIMAL ESCAPE RAMP (SEE HCC11/M/130 DETAIL E) DO NOT COINCIDE.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

Hampshire County Council Engineering Consultancy

STUART JARVIS BSc DipTP FCIHT MRTPI: DIRECTOR OF ECONOMY, TRANSPORT & ENVIRONMENT

SCHEME

STANDARD DETAILS

DRAWING TITLE

PRECAST CATTLE GRID GENERAL ARRANGEMENT

HCC CADplot: 25.Feb.2020 at 3:32pm

DRAWN	CHECKED	SCALE @ A3
RAH	JB	AS SHOWN
CAD	APPROVED	DATE
AC	BH	March 2020
DRG No.		REVISION
HCC11/M/100		

H:\CAD\Final Standard AutoCAD\Standard Details (Source) As Updated Dec 2011\HCC11 2020 STANDARD DETAILS\M Series\M 100.dwg