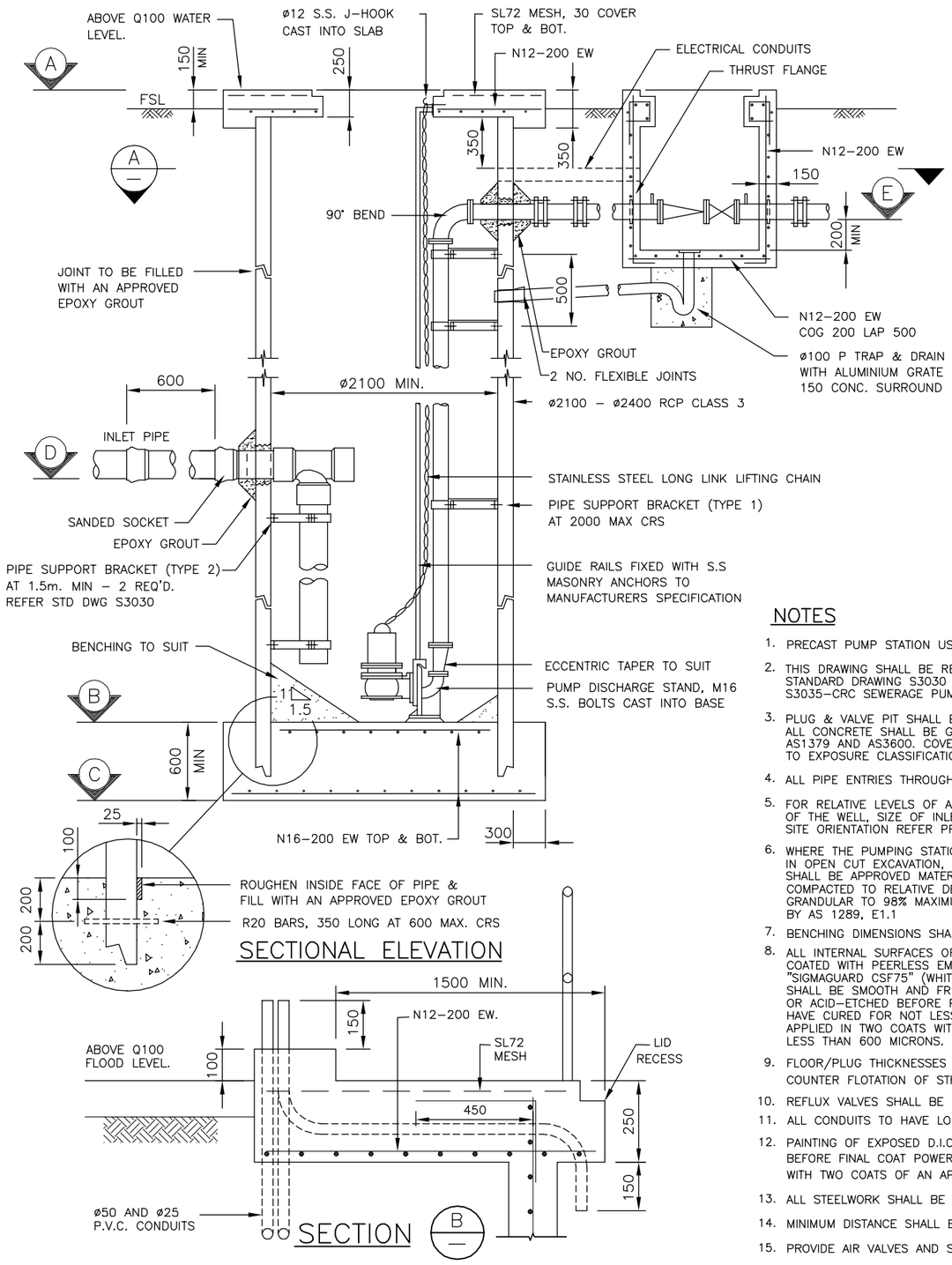
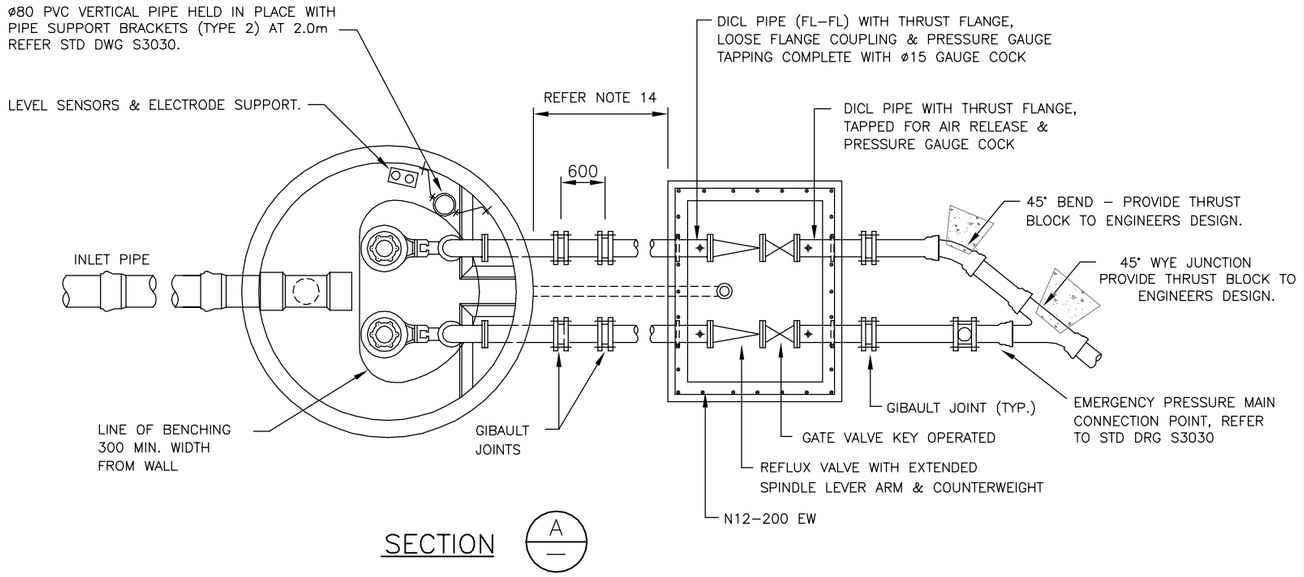
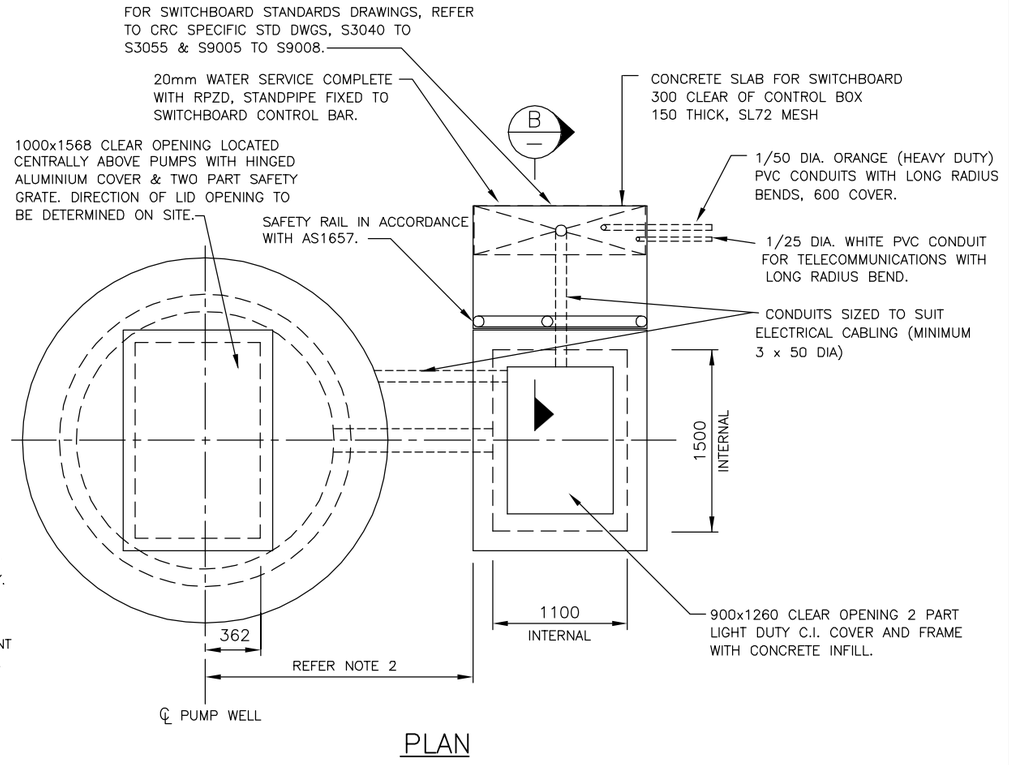




NOTES

1. PRECAST PUMP STATION USAGE IS TO BE AT COUNCILS DISCRETION.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STANDARD DRAWING S3030 SEWERAGE PUMP STATION DETAILS AND S3035–CRC SEWERAGE PUMP STATION OVERFLOW.
3. PLUG & VALVE PIT SHALL BE POURED AGAINST UNDISTURBED SOIL AND ALL CONCRETE SHALL BE GRADE N32 MINIMUM IN ACCORDANCE WITH AS1379 AND AS3600. COVER 65mm OR AS REQUIRED ACCORDING TO EXPOSURE CLASSIFICATION.
4. ALL PIPE ENTRIES THROUGH PRECAST WALLS SHALL BE EPOXY GROUTED.
5. FOR RELATIVE LEVELS OF A TO E, SIZE OF WELL, STRUCTURAL ELEMENTS OF THE WELL, SIZE OF INLET & DISCHARGE PIPES, CONDUIT SIZES & SITE ORIENTATION REFER PROJECT DRAWINGS.
6. WHERE THE PUMPING STATION IS CONSTRUCTED IN PART OR WHOLLY IN OPEN CUT EXCAVATION, BACKFILL UNDER THE VALVE PIT SECTION SHALL BE APPROVED MATERIAL. GRANULAR MATERIAL SHALL BE COMPACTED TO RELATIVE DENSITY INDEX 98 AND NON–GRANDULAR TO 98% MAXIMUM DRY DENSITY AS DETERMINED BY AS 1289, E1.1
7. BENCHING DIMENSIONS SHALL BE AS DIRECTED BY THE SUPERINTENDENT.
8. ALL INTERNAL SURFACES OF THE PUMPWALL AND VALVE PIT SHALL BE COATED WITH PEERLESS EMULSION "EPIGEN 1311" OF WATTYL "SIGMAGUARD CSF75" (WHITE OR OFF–WHITE). THE CONCRETE SURFACE SHALL BE SMOOTH AND FREE FROM HOLES AND LIGHTLY SANDBLASTED OR ACID–ETCHED BEFORE PAINTING. THE CONCRETE SURFACE SHALL HAVE CURED FOR NOT LESS THAN 28 DAYS. THE PAINT SHALL BE APPLIED IN TWO COATS WITH A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 600 MICRONS.
9. FLOOR/PLUG THICKNESSES SHOWN ARE MINIMUM ONLY. THICKNESS TO COUNTER FLOTATION OF STRUCTURE SHALL BE DETERMINED BY THE ENGINEER.
10. REFLUX VALVES SHALL BE COATED INTERNALLY WITH A FUSION BONDED EPOXY.
11. ALL CONDUITS TO HAVE LONG RADIUS BENDS.
12. PAINTING OF EXPOSED D.I.C.L. PIPEWORK FACTORY PRIME WITH TAR EPOXY. BEFORE FINAL COAT POWER WIRE BRUSH TO AS1627. WITHIN TWO HOURS PAINT WITH TWO COATS OF AN APPROVED TAR EPOXY. MINIMUM TOTAL D.F.T. 0.4mm.
13. ALL STEELWORK SHALL BE HOT DIPPED GALVANISED AFTER FABRICATION.
14. MINIMUM DISTANCE SHALL BE 1200mm.
15. PROVIDE AIR VALVES AND SCOURS AS REQUIRED FOR THE SPECIFIC PROJECT.



B	CRC DRAWING ADOPTED	28/11/12
A	ORIGINAL ISSUE	12/03/04
REVISIONS		DATE

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FNQROC

SEWERAGE PUMP STATION PRECAST UNITS

Standard Drawing

S3025

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