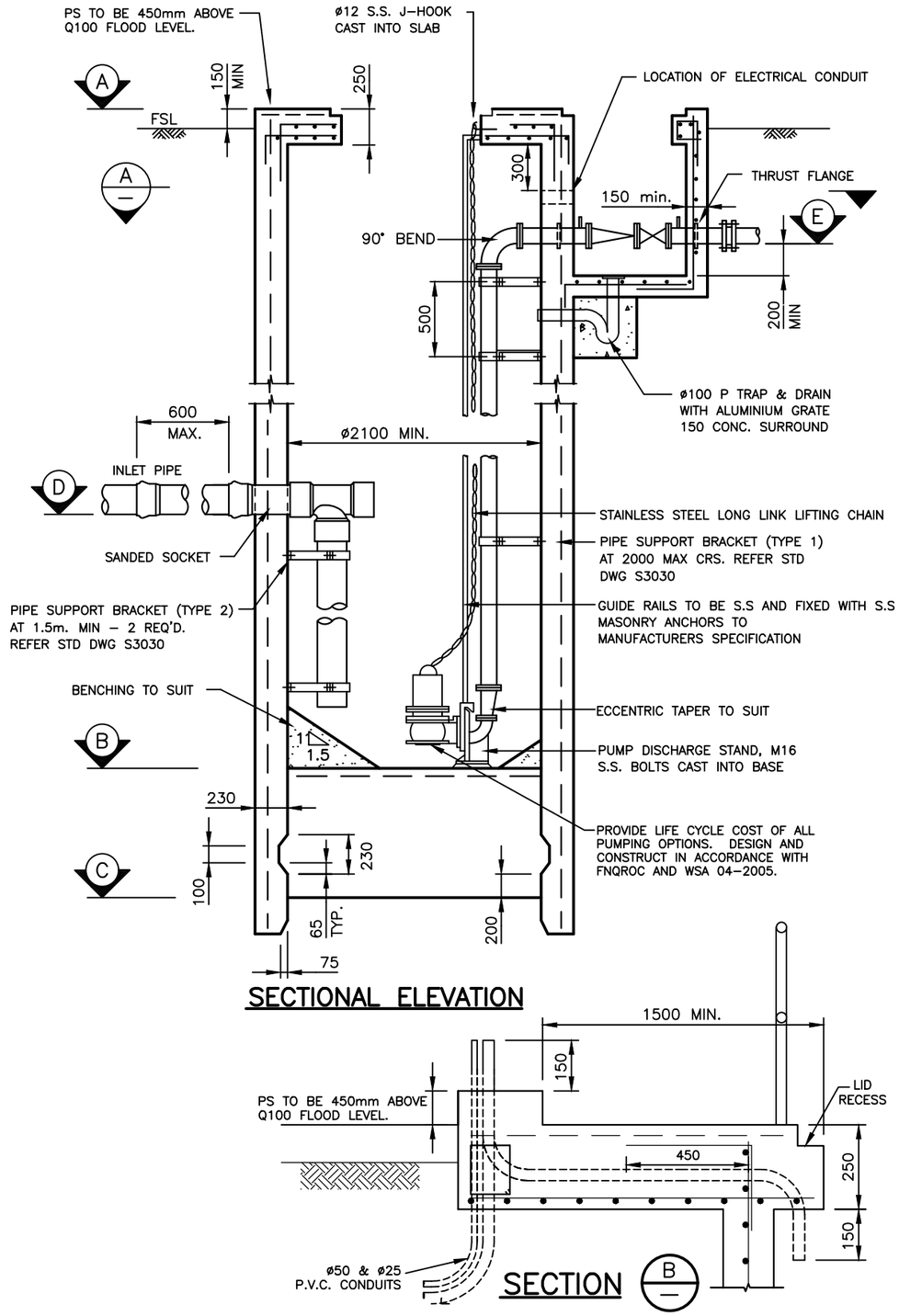
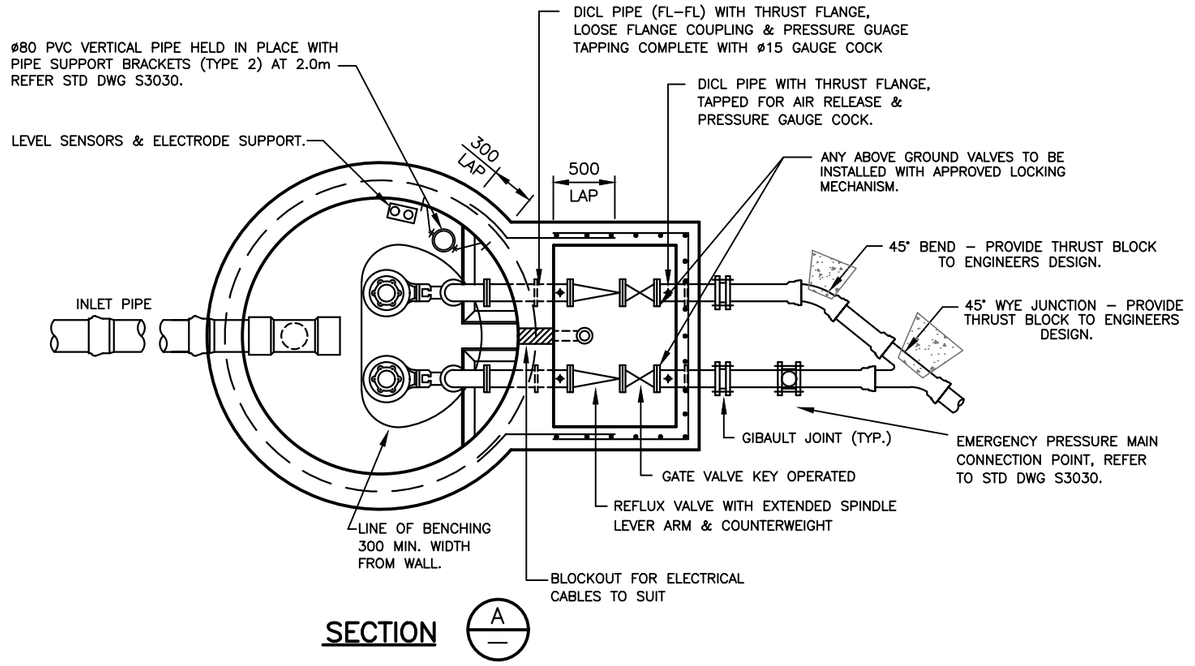


SECTIONAL ELEVATION

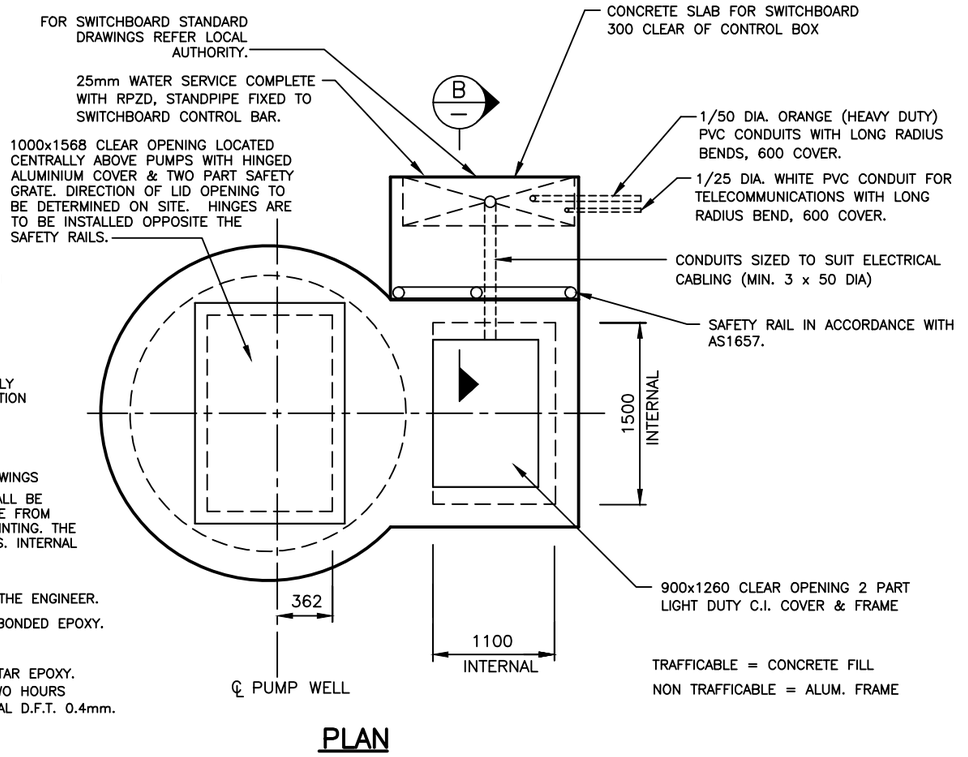
SECTION



SECTION

NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH STD DWG'S S3030 AND S3035–CRC.
2. PUMP WELL & VALVE PIT SHALL BE POURED AGAINST UNDISTURBED SOIL & ALL CONCRETE SHALL BE GRADE N32 MIN IN ACCORDANCE WITH AS1379 & AS3600, COVER 65MM OR AS REQUIRED ACCORDING TO EXPOSURE CLASSIFICATION.
3. FOR RELATIVE LEVELS A–E, SIZE OF WELL, STRUCTURAL ELEMENTS OF THE WELL, SIZE OF INLET & DISCHARGE POINTS, CONDUIT SIZES & SITE ORIENTATION REFER PROJECT DRAWINGS.
4. WHERE THE PUMPING STATION IS CONNECTED IN PART OF 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 & NON–GRANULAR TO 98% MAX. DRY DENSITY AS DETERMINED BY AS 1289, E1.1
5. BENCHING DIMENSIONS SHALL BE SHOWN ON THE PROJECT DRAWINGS
6. ALL INTERNAL SURFACES OF THE PUMPWELL AND VALVE PIT SHALL BE COATED. 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 AT LEAST 28 DAYS. INTERNAL LINING TO BE APPROVED BY COUNCIL.
7. FLOOR/PLUG THICKNESS ARE SHOWN MIN. ONLY, THICKNESS TO COUNTER FLOTATION OF STRUCTURE SHALL BE DETERMINED BY THE ENGINEER.
8. REFLUX VALVES SHALL BE COATED INTERNALLY WITH A FUSION BONDED EPOXY.
9. ALL CONDUITS TO HAVE LONG RADIUS BENDS.
10. 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. MIN. TOTAL D.F.T. 0.4mm.
11. ALL STEELWORK SHALL BE STAINLESS STEEL.



PLAN

	REVISIONS	DATE
E	MINOR AMENDMENTS	27/08/20
D	MINOR AMENDMENTS	25/10/17
C	CRC DRAWING ADOPTED	28/11/12
B	LIFTING CHAIN SPECIFIED AS S.S.	13/01/06
A	ORIGINAL ISSUE	12/03/04

FNQROC

SEWAGE PUMP STATION CAST IN SITU TYPICAL LAYOUT

Standard Drawing

S3020

A | B | C | D | E