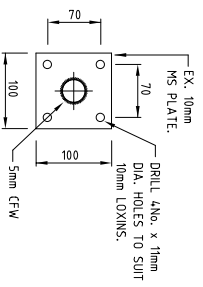
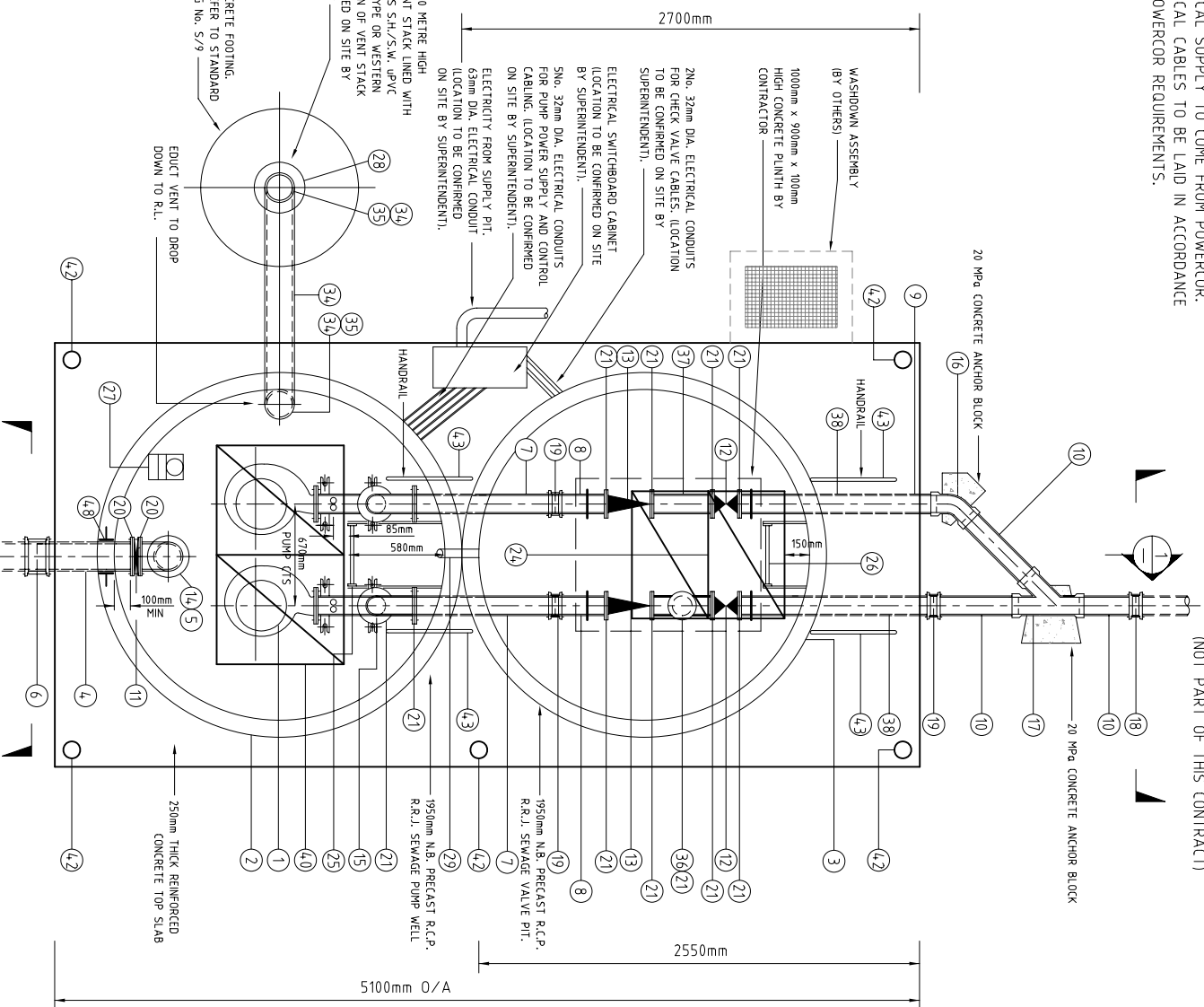


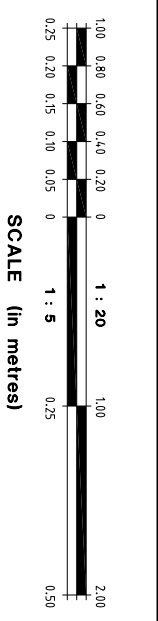
NOTE:
ELECTRICAL SUPPLY TO COME FROM POWERCOR.
ELECTRICAL CABLES TO BE LAID IN ACCORDANCE
WITH POWERCOR REQUIREMENTS.

NOTE:
pPVC SEWER RISING MAIN
BY OTHERS.
(NOT PART OF THIS CONTRACT)



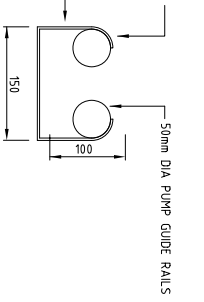
HANDRAIL BRACKET DETAIL
SCALE 1:5

PLAN VIEW
SCALE 1:20



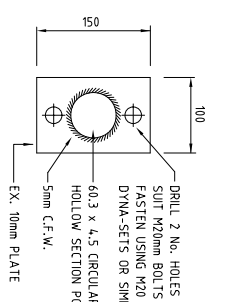
NOTE:
INCOMING DIEL GRAVITY
SEWER BY OTHERS.
(NOT PART OF THIS CONTRACT)

ANTI-SPREAD PUMP GUIDE RAIL BRACKET DETAIL
SCALE 1:5

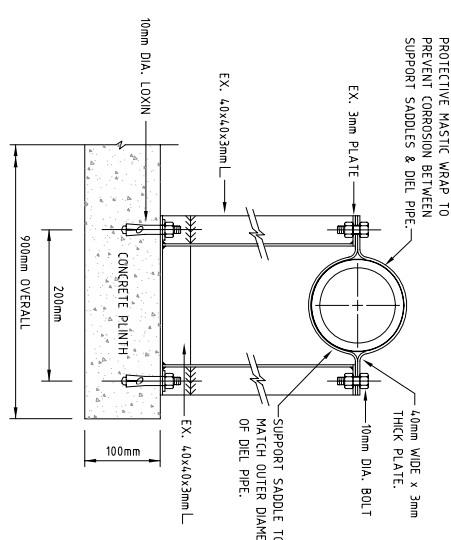


ANTI-SPREAD PUMP GUIDE RAIL BRACKET DETAIL
SCALE 1:5

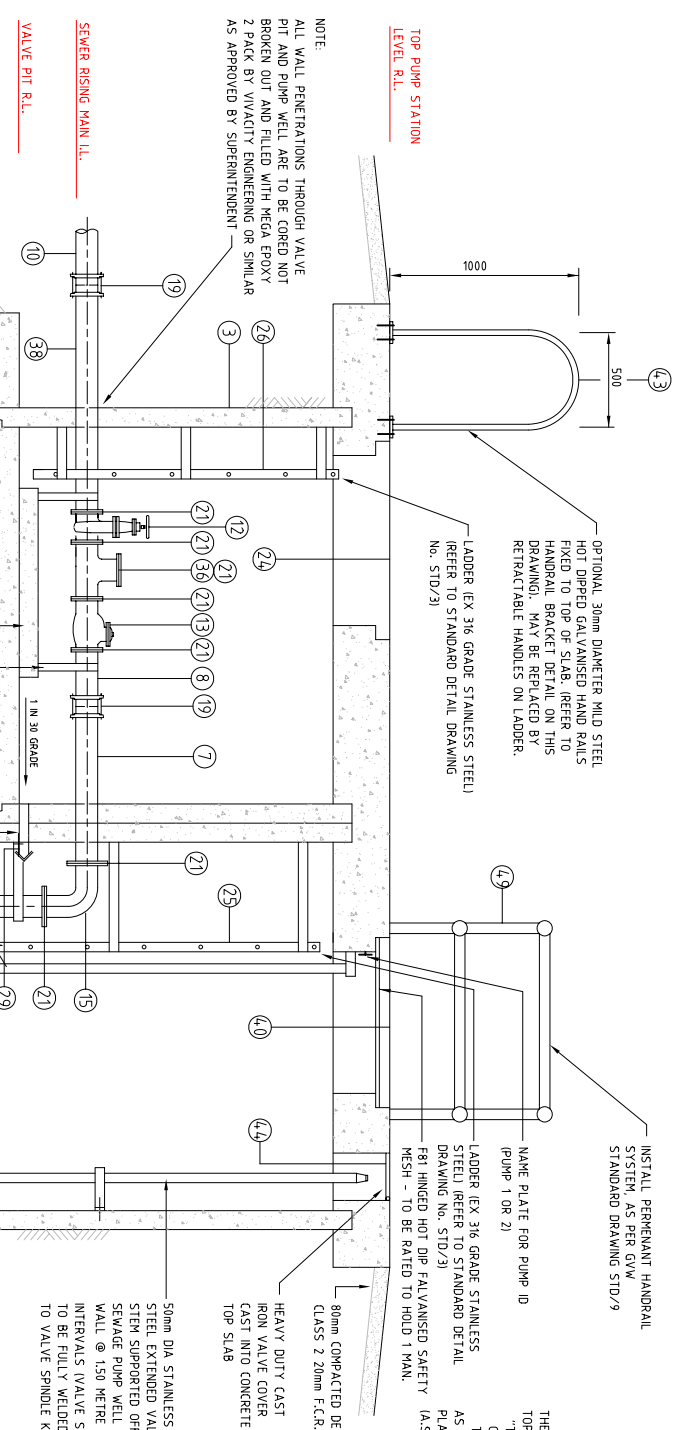
BOLLARD BASE PLATE DETAIL
SCALE 1:5



BRACKET DETAIL
SCALE 1:5



NOTE:
ALL WALL PENETRATIONS THROUGH VALVE PIT AND PUMP WELL ARE TO BE CORED NOT BROKEN OUT AND FILL ARE TO BE KECA GORXY 2 PACK BY VULCAN ENGINEERING OR SIMILAR AS APPROVED BY SUPERINTENDENT.



900mm x 900mm x 100mm HIGH CONCRETE PLINTH BY CONTRACTOR FABRICATED HOT DIPPED GALVANISED SUPPORT BRACKETS. REFER TO BRACKET DETAIL ON THIS DRAWING

CUT PIPE TO LENGTH AND JOIN USING UNFLANGES AT THIS JUNCTION

100mm DIA DIEL RISER TO BE SUPPORTED @ 1 METRE INTERVALS BY GRADE 316 STAINLESS STEEL SUPPORT BRACKETS DYN-BOLTED TO THE WALL OF THE SEWAGE PUMP WELL (TO THE APPROVAL OF THE SUPERINTENDENT)

50mm DIA PUMP GUIDE RAILS

PLACEMENT OF MASS CONCRETE AT SLOPE 1:1 AS SLUDGE BATTER

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

400mm MAX.

THE FOLLOWING NOTICE SHALL BE ATTACHED TO THE TOP RING OF THE LADDER BY REMOVABLE CHAINS ONLY BY PERSONNEL USING THE APPROVED SAFETY DEVICE" AS PER SECTION 5.7.13 OF THE SAA CODE FOR FIXED PLATFORMS, WALKWAYS, STAIRWAYS & LADDERS (A.S.657-1985)

THE APPROVED SAFETY DEVICE" AS PER SECTION 5.7.13 OF THE SAA CODE FOR FIXED PLATFORMS, WALKWAYS, STAIRWAYS & LADDERS (A.S.657-1985)

FBI HINGED HOT DIP GALVANISED SAFETY MESH - TO BE RATED TO HOLD 1 MAN.

LADDER (EX. 316 GRADE STAINLESS STEEL) (REFER TO STANDARD DETAIL DRAWING No. STD/3)

NAME PLATE FOR PUMP ID (PIPE 1 OR 2)

INSTALL PERMANENT HANDRAIL SYSTEM AS PER GW STANDARD DRAWING STD/9

OPTIONAL 30mm DIAMETER MILD STEEL HOT DIPPED GALVANISED HAND RAILS FIXED TO TOP OF SLAB. (REFER TO HANDRAIL BRACKET DETAIL ON THIS DRAWING. MAY BE REPLACED BY RETRACTABLE HANDLES ON LADDER.

LADDER (EX. 316 GRADE STAINLESS STEEL) (REFER TO STANDARD DETAIL DRAWING No. STD/3)

80mm COMPACTED DEPTH CLASS 2 25mm F.C.R.

HEAVY DUTY CAST IRON VALVE COVER CAST INTO CONCRETE TOP SLAB

50mm DIA STAINLESS STEEL EXTENDED VALVE SEWAGE PUMP WELL WALL @ 150 METRE INTERVALS (VALVE STEM TO BE FULLY WELDED TO VALVE SPINDLE KEY)

50mm DIA pPVC DRAIN WITH ERY DUCK BILL CHECK VALVE TO DRAIN VALVE PIT TO PUMP WELL. THE VALVE PIT FLOOR IS TO SLOPE TOWARDS THE PUMP WELL AT A GRADE OF 3.33% (1 in 30)

100mm DIA DIEL RISER TO BE SUPPORTED @ 1 METRE INTERVALS BY GRADE 316 STAINLESS STEEL SUPPORT BRACKETS DYN-BOLTED TO THE WALL OF THE SEWAGE PUMP WELL (TO THE APPROVAL OF THE SUPERINTENDENT)

50mm DIA PUMP GUIDE RAILS

CUT PIPE TO LENGTH AND JOIN USING UNFLANGES AT THIS JUNCTION

900mm x 900mm x 100mm HIGH CONCRETE PLINTH BY CONTRACTOR FABRICATED HOT DIPPED GALVANISED SUPPORT BRACKETS. REFER TO BRACKET DETAIL ON THIS DRAWING

PROTECTIVE MASTIC WRAP TO PREVENT CORROSION BETWEEN SUPPORT SADDLES & DIEL PIPE.

10mm WIDE x 3mm THICK PLATE

10mm DIA. LOXIN

SUPPORT SADDLE TO MATCH OUTER DIAMETER OF DIEL PIPE.

EX. 40x40x3mm L

EX. 3mm PLATE

EX. 40x40x3mm L

200mm

100mm DIA. LOXIN

900mm OVERALL

100mm

CONCRETE PLINTH

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