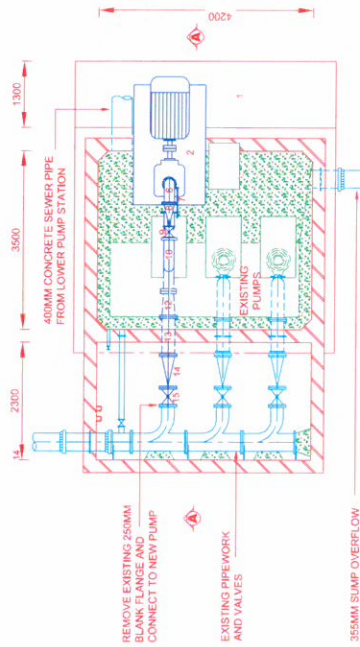
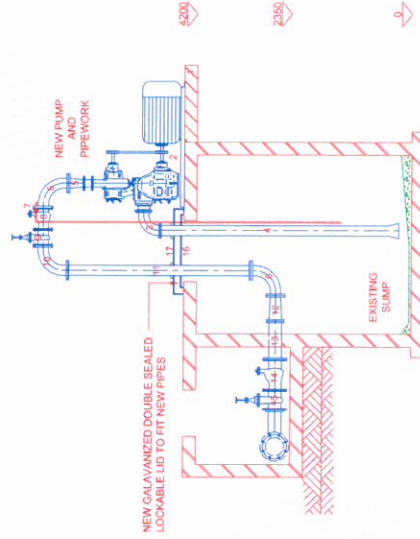


## NOTES

- 1- EXTEND CONCRETE SLAB TO ACCOMMODATE NEW PUMP.
- 2- NEW SELF PRIMING CENTRIFUGAL PUMP AND MOTOR TO PUMP TO THE DUTY POINT. OPTIONAL DISCHARGE AND SUCTION FLANGES AS NECESSARY
- 3- 90 DEG GALVANIZED FLANGED BEND TO FIT PUMP
- 4- 200MM CONCENTRIC FLANGED REDUCER (DN200 TO DN160) LONG
- 5- 200MM CONCENTRIC FLANGED BEND (DN200) TO FIT PUMP
- 6- 200MM x 90 DEG GALVANIZED FLANGED BEND WITH 25MM CONNECTION FOR AIRVALVE, INCLUDING 25MM STOPCOCK
- 7- 25MM MODEL GRP33-07 AIR RELEASE VALVE IN HORIZONTAL POSITION WITH BLEED LINE BACK TO PUMP
- 8- 200MM GALVANIZED FLANGED BEND TO FIT PUMP WITH 25MM CONNECTION FOR AIRVALVE, INCLUDING 25MM STOPCOCK
- 9- 200MM FLANGED A/V GATE VALVE PN16 COMPLETE WITH HAND WHEEL
- 10- 200MM x 90 DEG GALVANIZED FLANGED BEND
- 11- 200MM FLANGED PIPE TO CORRECT DISTANCE
- 12- 200 x 250MM GALV FLANGED CONCENTRIC REDUCER
- 13- 250MM FLANGED A/V GATE VALVE PN16 COMPLETE WITH HAND WHEEL
- 14- 250MM FLANGED A/V NON RETURN VALVE PN16 COMPLETE WITH HAND WHEEL
- 15- 250MM FLANGED A/V GATE VALVE PN16 COMPLETE WITH HAND WHEEL
- 16- 250MM FLANGED A/V NON RETURN VALVE PN16 COMPLETE WITH HAND WHEEL
- 17- GALVANIZED PIPE SUPPORT BRACKETS



PLAN - 1:100



SECTION A-A - 1:100

No.	Date	Revision	Initial

Project

**NEW SEWER PUMP AT  
PINNACLE POINT INTERMEDIATE  
PUMP STATION**

Client

**MOSSEL BAY MUNICIPALITY**

Drawing

**PLAN**

Scale: **1:100** Drawn: **DSMZ**

Checked: **DN** Date: **11-09-2014**

Drawing Nr:

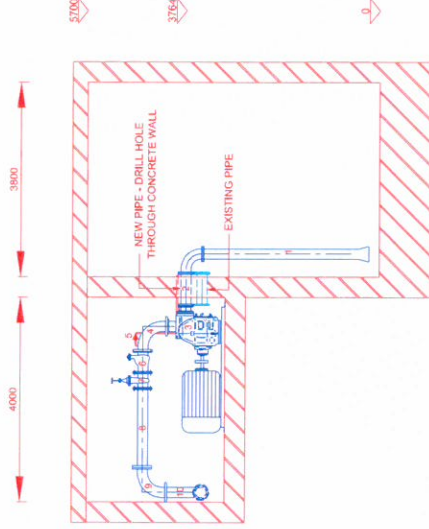
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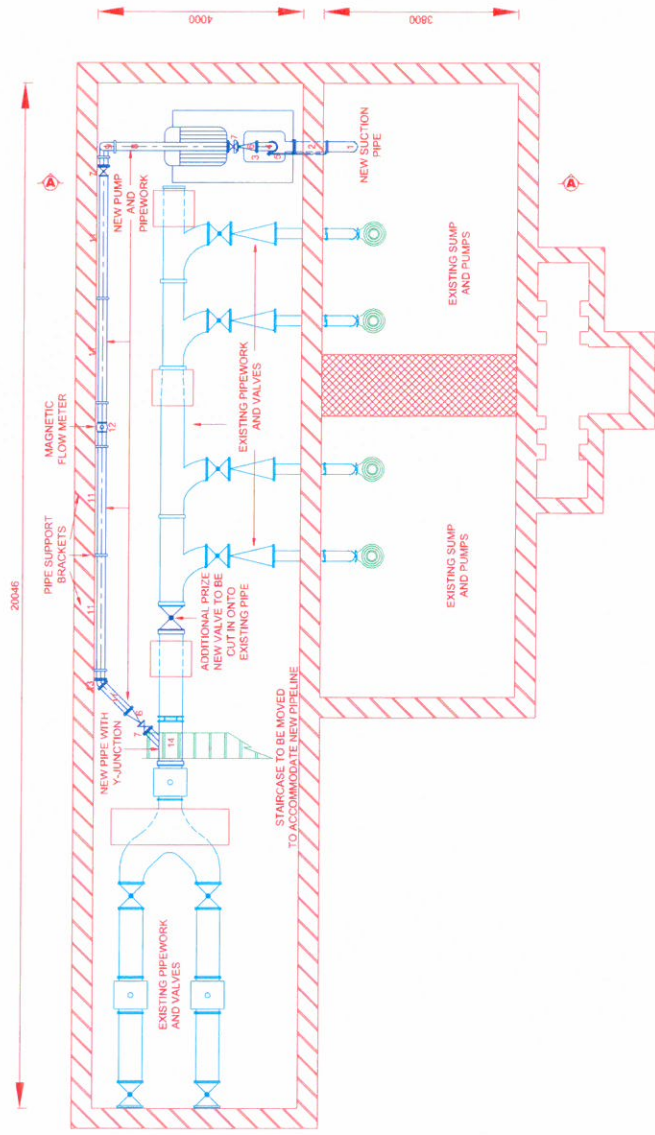
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## NOTES

- 1- BELMOUTH PIPE, SIZE TO FIT PUMP (+ 3500MM LONG) AND 90 DEG BEND, FLANGED ONE END
- 2- NEW FLANGED PIPE, TO DRILL HOLE THROUGH CONCRETE WALL
- 3- NEW SELF PRIMING CENTRIFUGAL PUMP AND MOTOR TO COMPLY WITH THE FOLLOWING SPECIFICATIONS
- 4- 150MM X 90 DEG FLANGED BEND TO FIT PUMP WITH 25MM CONNECTION FOR AIRVALVE, INCLUDING 25MM STOPCOCK
- 5- 25MM MODEL GRP35-07 AIR RELEASE VALVE IN HORIZONTAL POSITION WITH BLEED LINE BACK TO SUMP
- 6- 1500 FLANGED A/R NON RETURN VALVE WITH COUNTER WEIGHT, PN16
- 7- 1500MM GALV NON RETURN VALVE WITH HAND WHEEL
- 8- 150MM FLANGED PIPE TO FIT REQUIRED DISTANCE
- 9- 150MM X 90 DEG FLANGED BEND
- 10- 150MM GALV FLANGED PIPE TO CORRECT DISTANCE TO NEW CONNECTION
- 11- 150MM GALV FLANGED PIPE TO FIT DISTANCE TO NEW CONNECTION
- 12- 150MM GALV FLANGED PIPE TO FIT DISTANCE TO NEW CONNECTION
- 13- 150MM X 45 DEG FLANGED BEND
- 14- 500MM GALV PIPE WITH Y-JUNCTION OF 150MM PIPE TO REPLACE EXISTING 300MM PIPE



SECTION A-A - 1:100



PLAN - 1:100

No.	Date	Revision	Initial

Project

NEW SEWER PUMP AT VPS

Client

MOSSEL BAY MUNICIPALITY

Drawing

PLAN

Scale: 1:100 Drawn: DSMZ

Checked: DN Date: 11-09-2014

Drawing Nr:

CAD/SEWVPS/SEPT2014/1