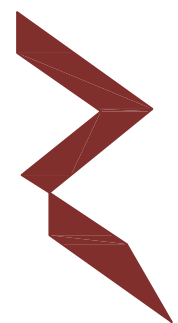


WASTEWATER COLLECTION, TREATMENT, AND DISPOSAL SYSTEM IN TH.VEYMANDOO, MALDIVES

DETAILED DRAWINGS



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CONSULTANCY SERVICES FOR SURVEY & DESIGN
OF SEWERAGE FACILITIES IN TH.VEYMANDOO,
MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT NUMBER: -
DATE: SEPTEMBER 2016

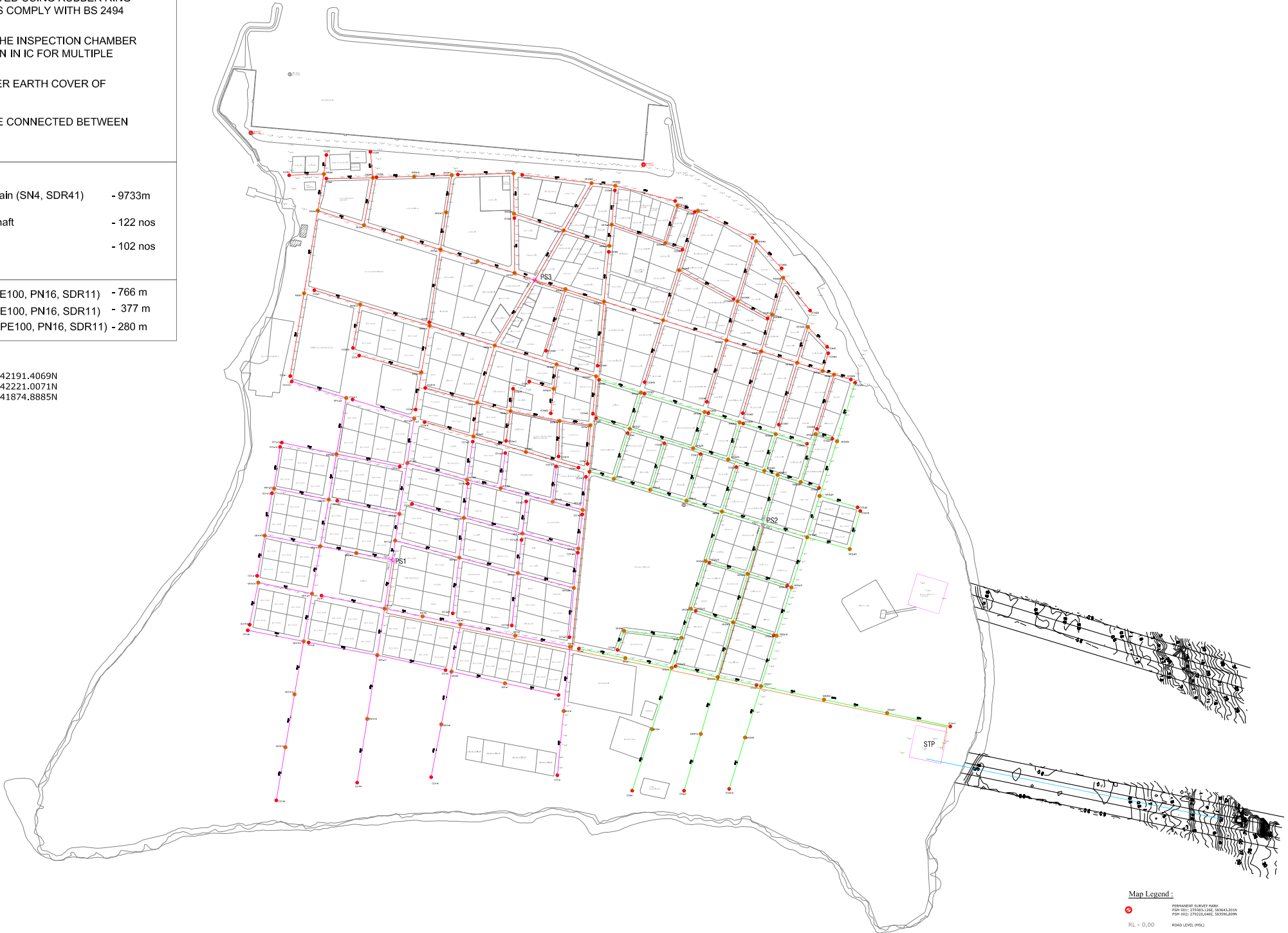
- NOTE
1. ALL LEVELS SHOWN ARE IN METERS.
 2. ALL LEVELS SHOWN ARE FROM MEAN SEA LEVEL
 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 4. ALL GRAVITY SEWER PIPES SHALL BE UPVC TO BS EN1401-1:2009.
 5. ALL GRAVITY SEWER MAINS SHALL BE 160MM DIA UPVC OF WALL THICKNESS & STIFFNESS RATED TO SN4 & SDR41.
 6. ALL GRAVITY HOUSE LATERALS SHALL BE 110MM DIA UPVC OF WALL THICKNESS & STIFFNESS RATED TO SN4 & SDR41.
 - 7.ALL GRAVITY SEWER MAINS SHALL HAVE MINIMUM 0.4% SLOPE.
 8. ALL GRAVITY SEWER PIPES SHALL BE JOINTED USING RUBBER RING PUSH FIT JOINTING METHOD & RUBBER RINGS COMPLY WITH BS 2494 (TYP2).
 9. CONNECTION FROM THE HOUSEHOLD TO THE INSPECTION CHAMBER IS NOT INCLUDED. PROVISION SHALL BE GIVEN IN IC FOR MULTIPLE CONNECTIONS.
 10. ALL SEWER PIPES SHALL BE BURIED UNDER EARTH COVER OF MINIMUM 0.6 METERS.
 11. CATCHMENT OVER FLOW LINKS ARE TO BE CONNECTED BETWEEN AS PER ENGINEERS APPROVAL

LEGEND

- | | | |
|---|---|-----------|
|  | 160mm Ø uPVC Gravity Sewer Main (SN4, SDR41) | - 9733m |
|  | 600mm Ø PE/PP Maintenance Shaft | - 122 nos |
|  | 160mmØ uPVC Clean Out | - 102 nos |
|  | 110 mm Ø HDPE Pumping Main (PE100, PN16, SDR11) | - 766 m |
|  | 160 mm Ø HDPE Pumping Main (PE100, PN16, SDR11) | - 377 m |
|  | 160 mm Ø HDPE Sea Outfall Pipe (PE100, PN16, SDR11) | - 280 m |



PERMANENT SURVEY MARK
PSM 0001; 288241.0189E, 242191.4069N
PSM 0002; 287875.7777E, 242221.0071N
PSM 0003; 288278.4171E, 241874.8885N



Map Legend :

- | | |
|---|---|
|  | PERMANENT SURVEY MARK
PSM 0001; 288241.0189E, 242191.4069N
PSM 0002; 287875.7777E, 242221.0071N
PSM 0003; 288278.4171E, 241874.8885N |
|  | ROAD LEVEL (PMS) |
|  | ROAD LEVEL (PMS) |



TH. VEYMANDHOO SITE PLAN
SCALE 1:3500

0 17.5 35 70 105 140 175

TH. VEYMANDHOO
SITE PLAN
A - 01/



**CONSULTANCY SERVICES FOR SURVEY ,DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES**

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER: -

DATE: SEPTEMBER 2016

ENGINEER: -Mohamed Rassam /Mohamed Saif Saeed

CHECKED BY : Ihsan Waheed

DRAWN BY : -Mohamed Rassam

Rev no	Date
-	-
-	-
-	-



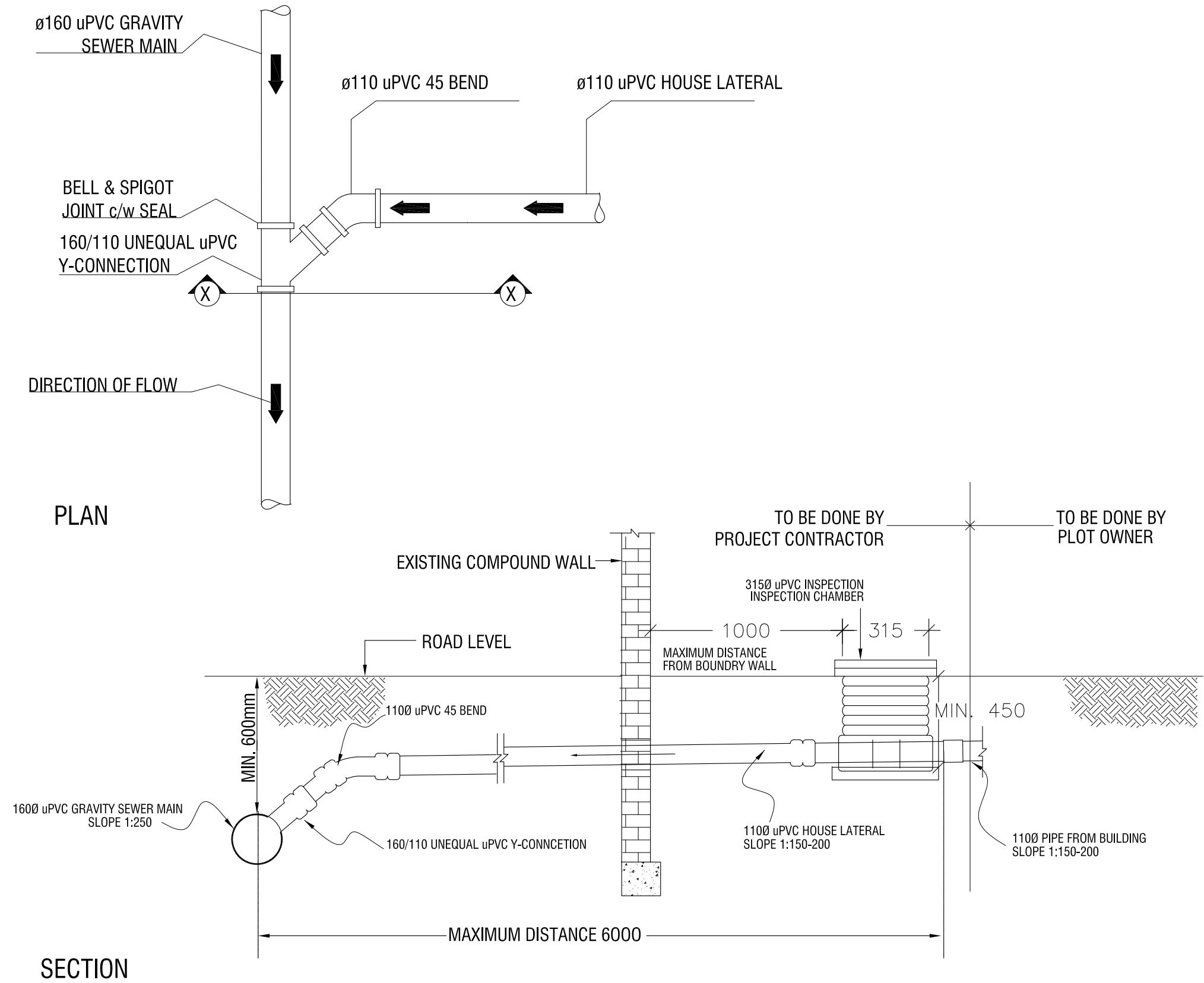
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Title: Th.Veymandoo
Site Plan

Page: V -01

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TYPICAL HOUSE CONNECTION DETAIL
N.T.S

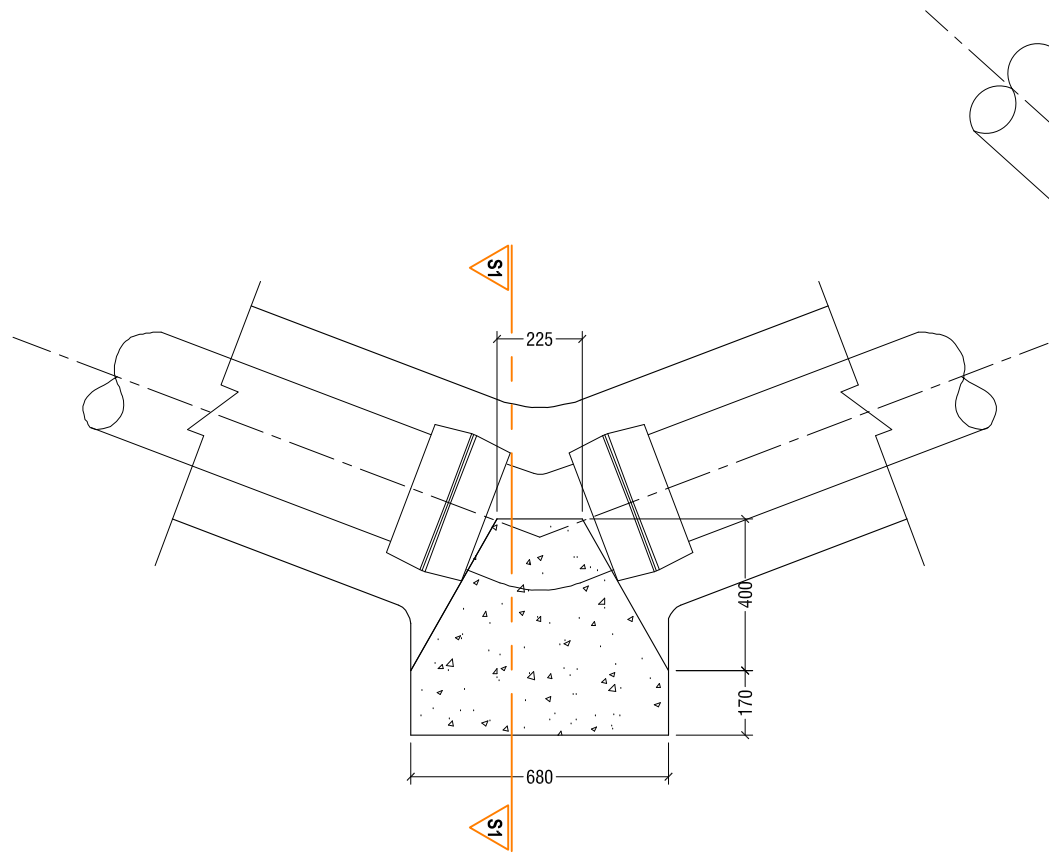
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CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT NUMBER: -
DATE: SEPTEMBER 2016
ENGINEER: - Mohamed Saif
CHECKED BY: - Ihsan Waheed
DRAWN BY: - Mohamed Rassam

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--	--
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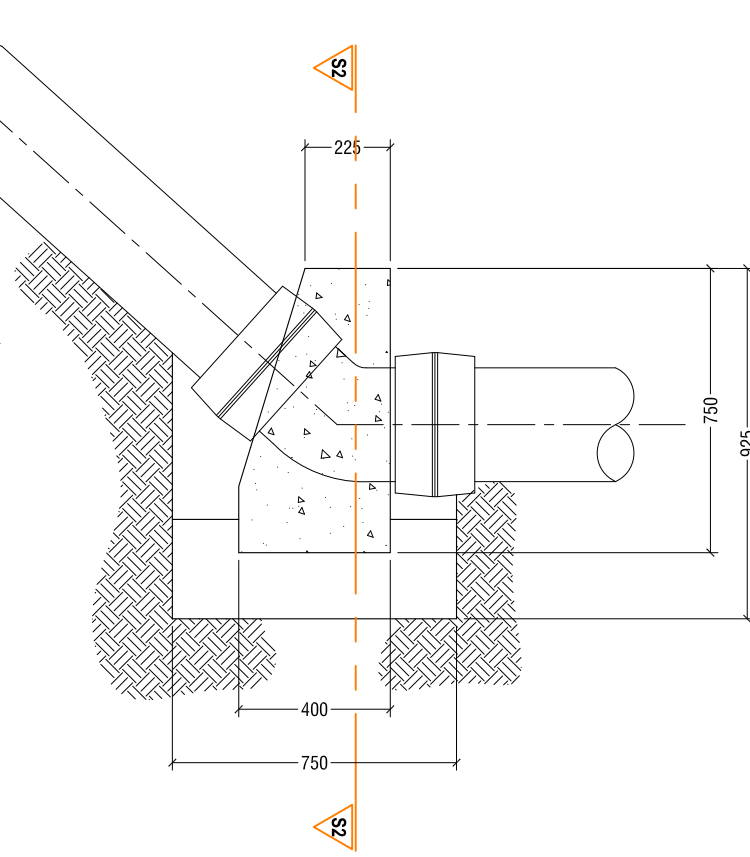


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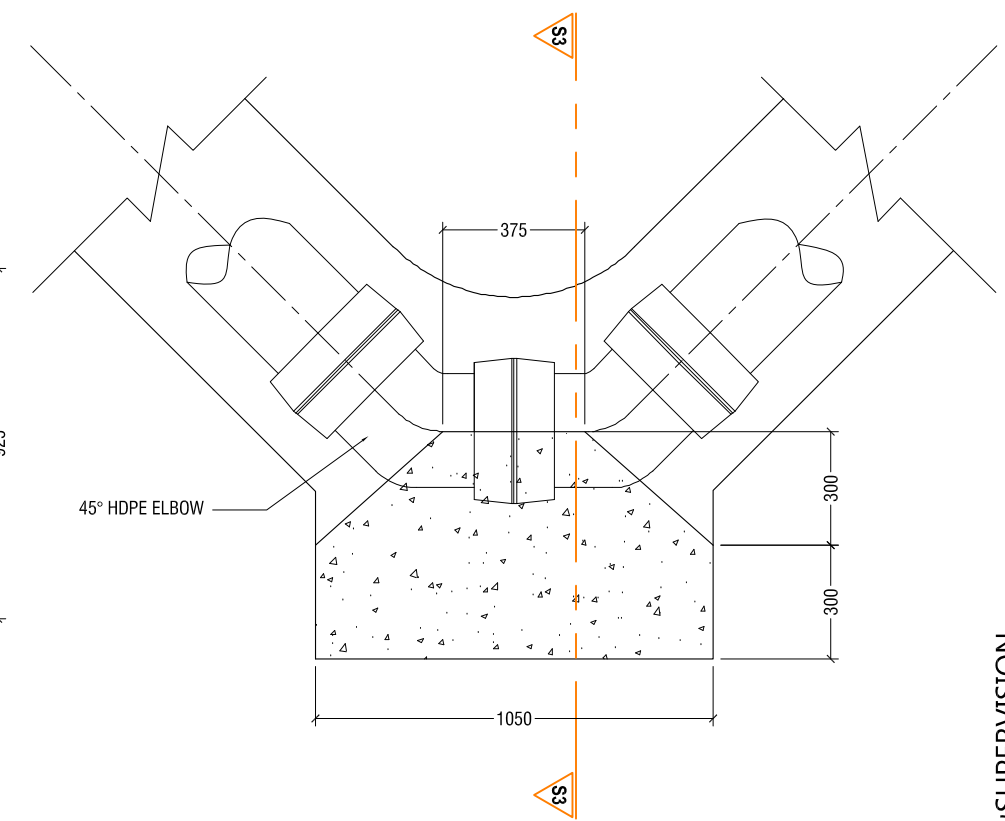
Title: House connection details



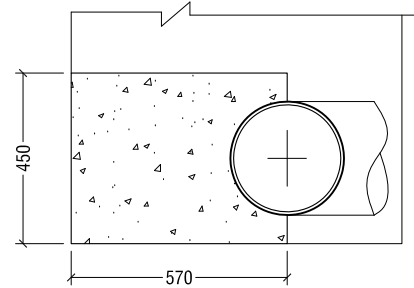
HORIZONTAL 45° BEND
NTS



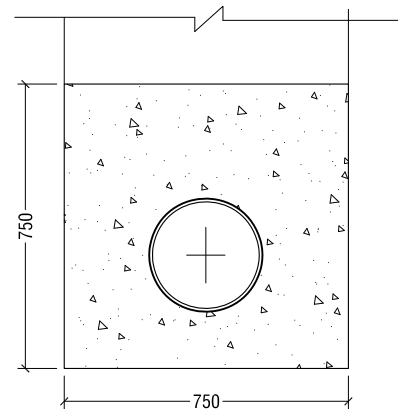
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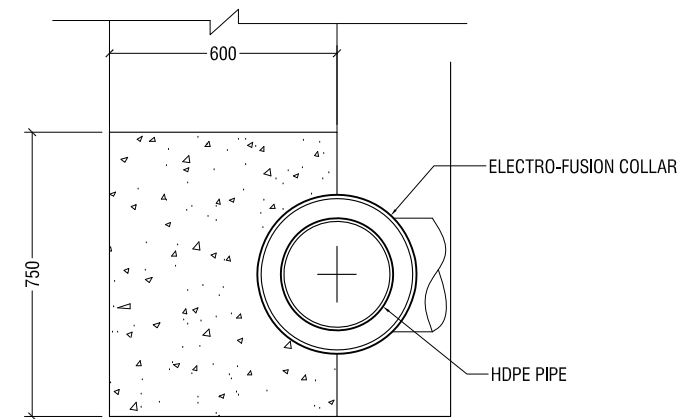
HORIZONTAL 90° BEND
NTS



SECTION S1-S1
NTS

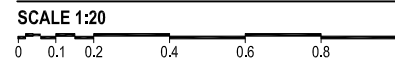


SECTION S2-S2
NTS



SECTION S3-S3
NTS

THRUST BLOCK DETAIL - FORCE MAINS ONLY



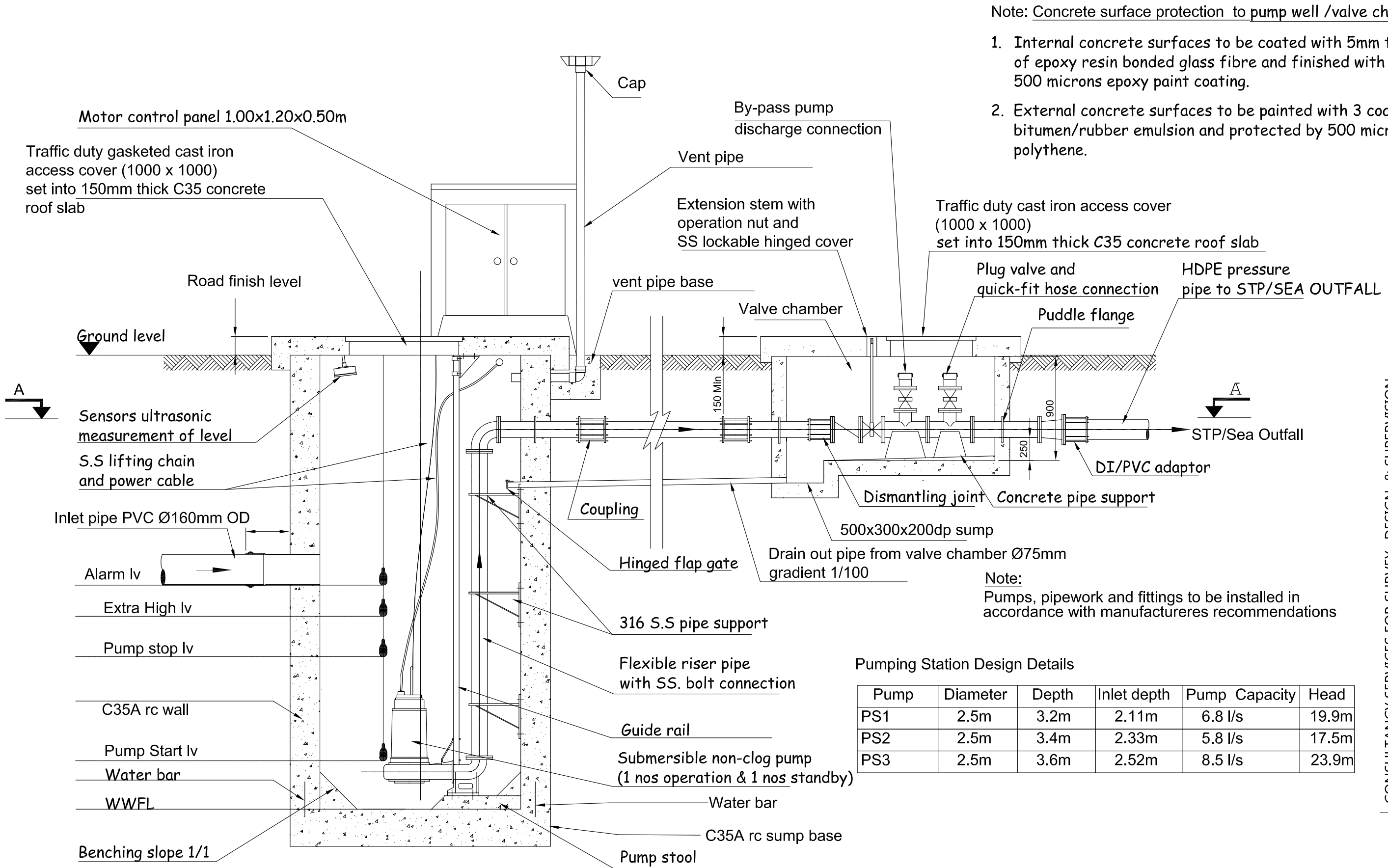
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DRAWN BY :- Mohamed Rassam	--	----



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Title: Thrust block detail



Pumping Station Design Details

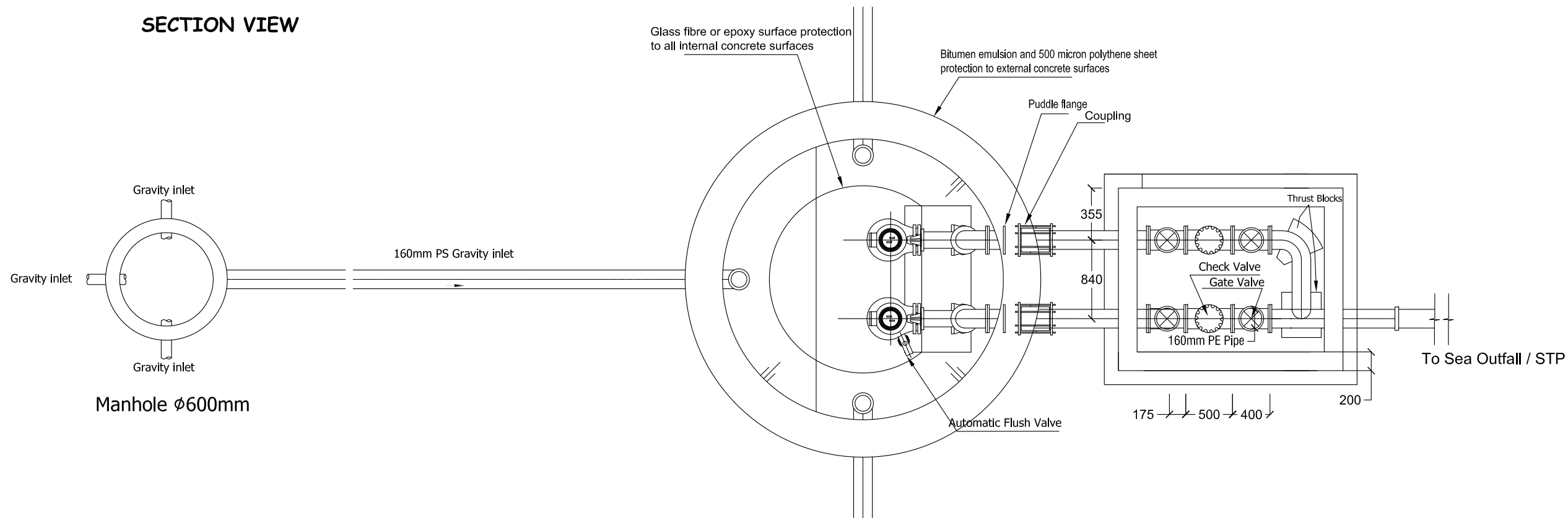
Pump	Diameter	Depth	Inlet depth	Pump Capacity	Head
PS1	2.5m	3.2m	2.11m	6.8 l/s	19.9m
PS2	2.5m	3.4m	2.33m	5.8 l/s	17.5m
PS3	2.5m	3.6m	2.52m	8.5 l/s	23.9m

TYPICAL PUMPING STATION DETAIL - LONGITUDINAL SECTION
Scale: N.T.S

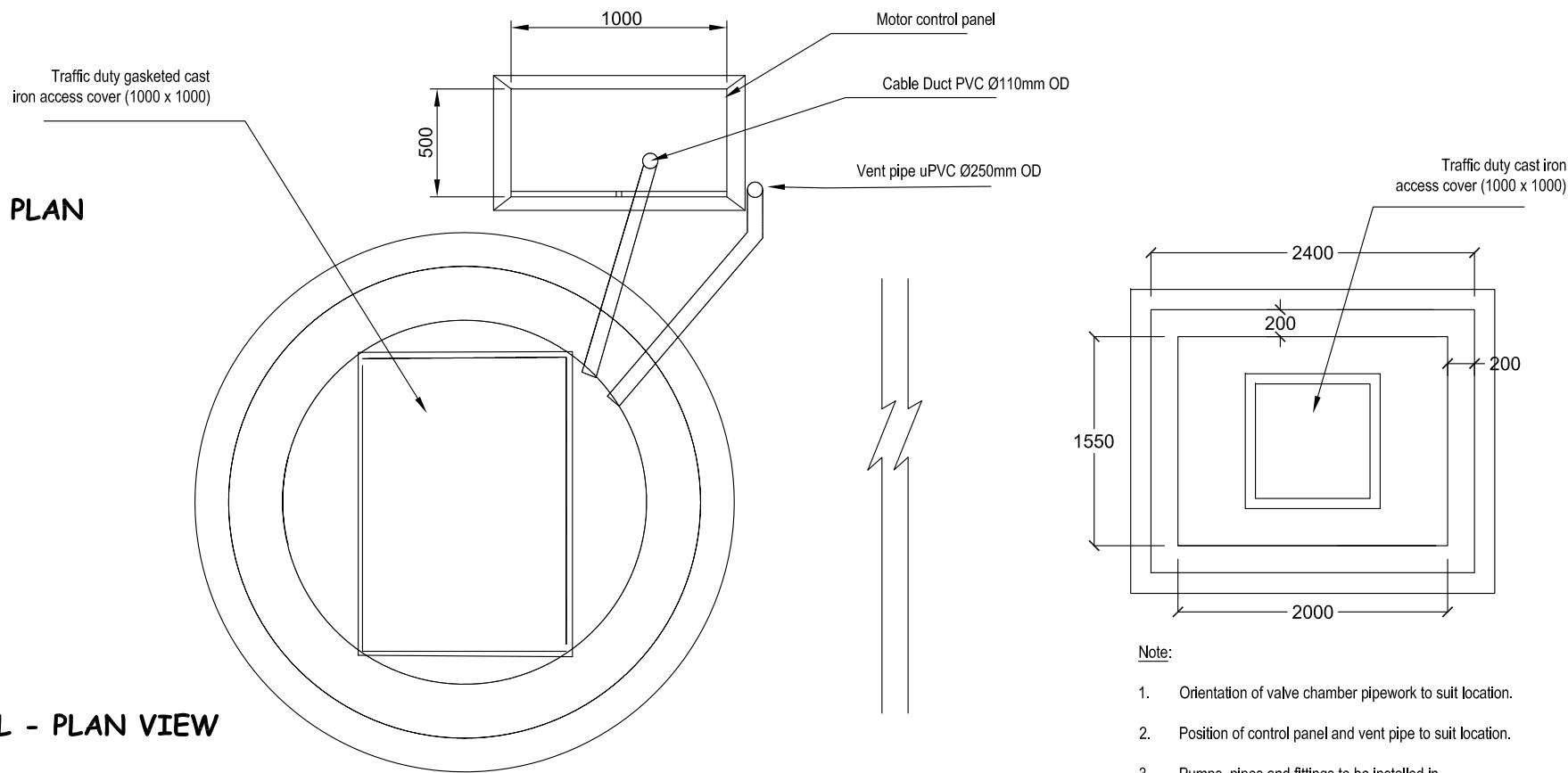
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SECTION VIEW



GROUND LEVEL PLAN



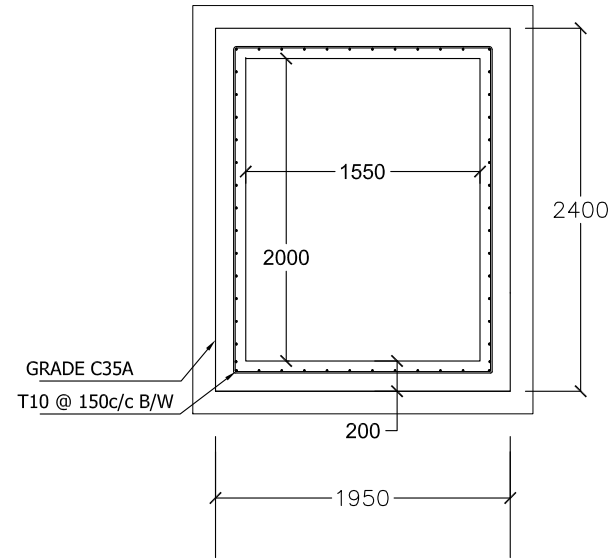
TYPICAL PUMPING STATION DETAIL - PLAN VIEW

Scale: N.T.S

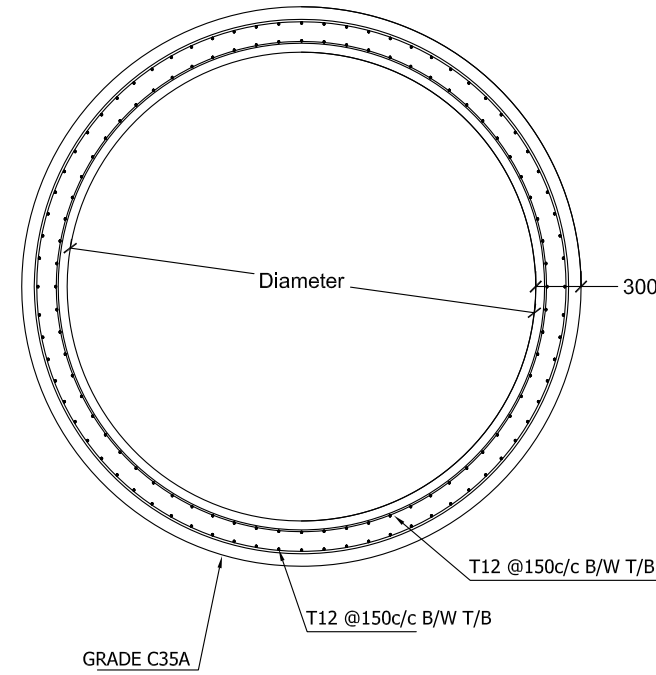
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-	-
-	-

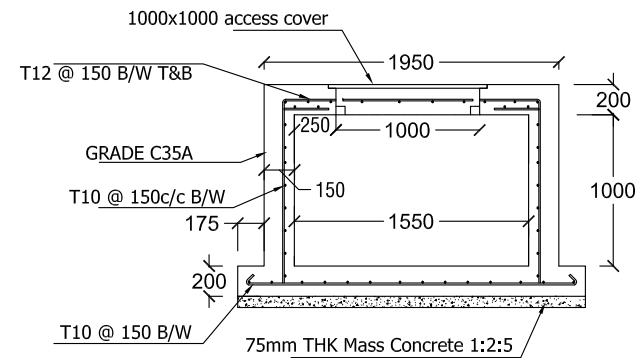


PLAN



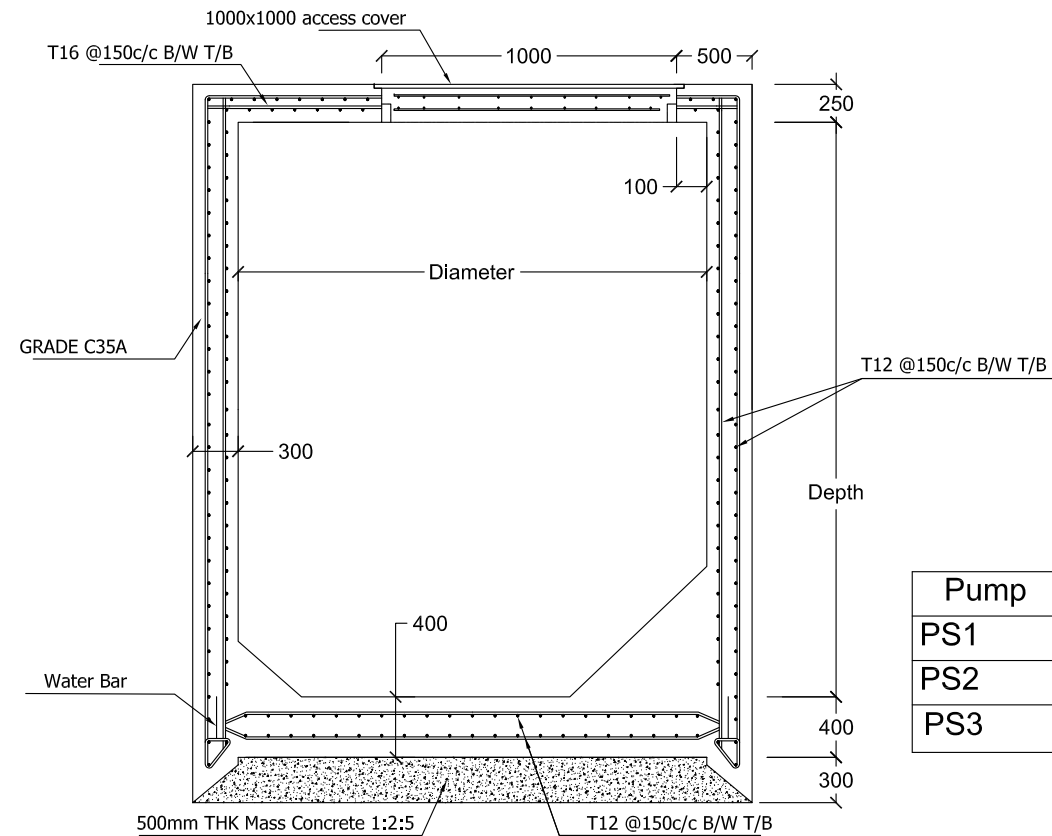
Note:

1. All structural concrete shall be of grade C35A.
2. All castings shall be done using Sulpahte Resistant Portland Cement to BS 4027:1996.
3. All structural reinforcement shall be epoxy coating of non-pre-stressed reinforcement to ASTM-A775/A775M.



SECTION

VALVE CHAMBER DETAIL



PUMP STATION DETAIL

Pump	Diameter	Depth	Inlet depth
PS1	2.5m	3.2m	1.62m, 2.11m, 1.69m,
PS2	2.5m	3.4m	2.33m, 2.07m, 2.28m,
PS3	2.5m	3.6m	2.52m, 2.24m, 2.12m ,1.92m

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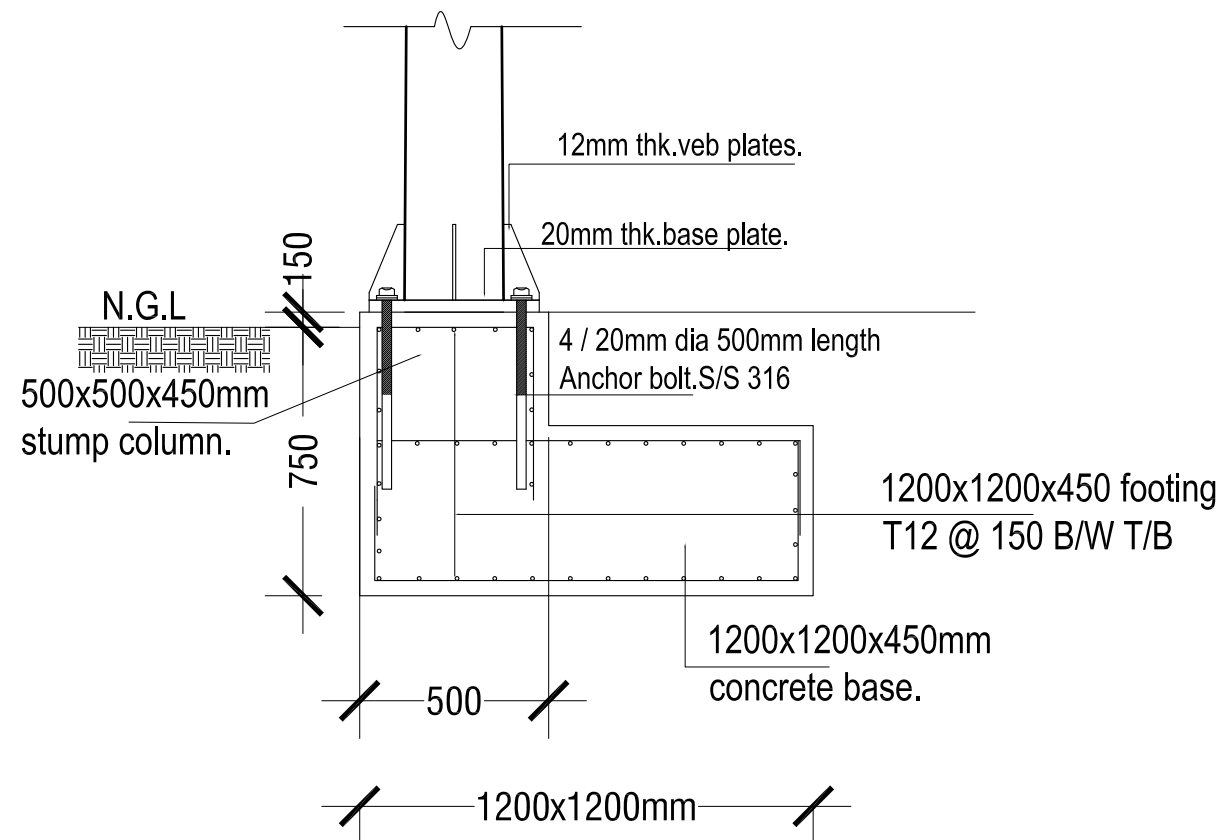
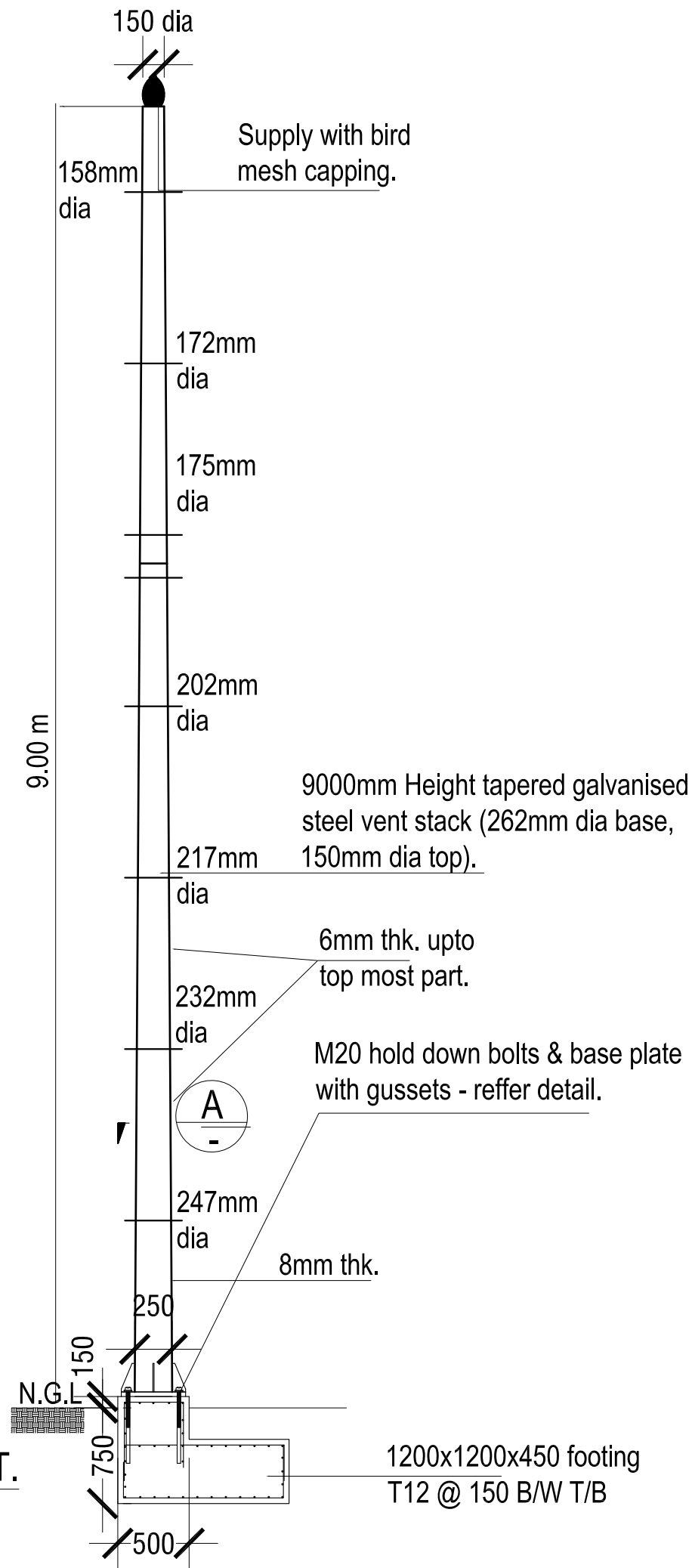
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Title: PUMP STATION DETAIL

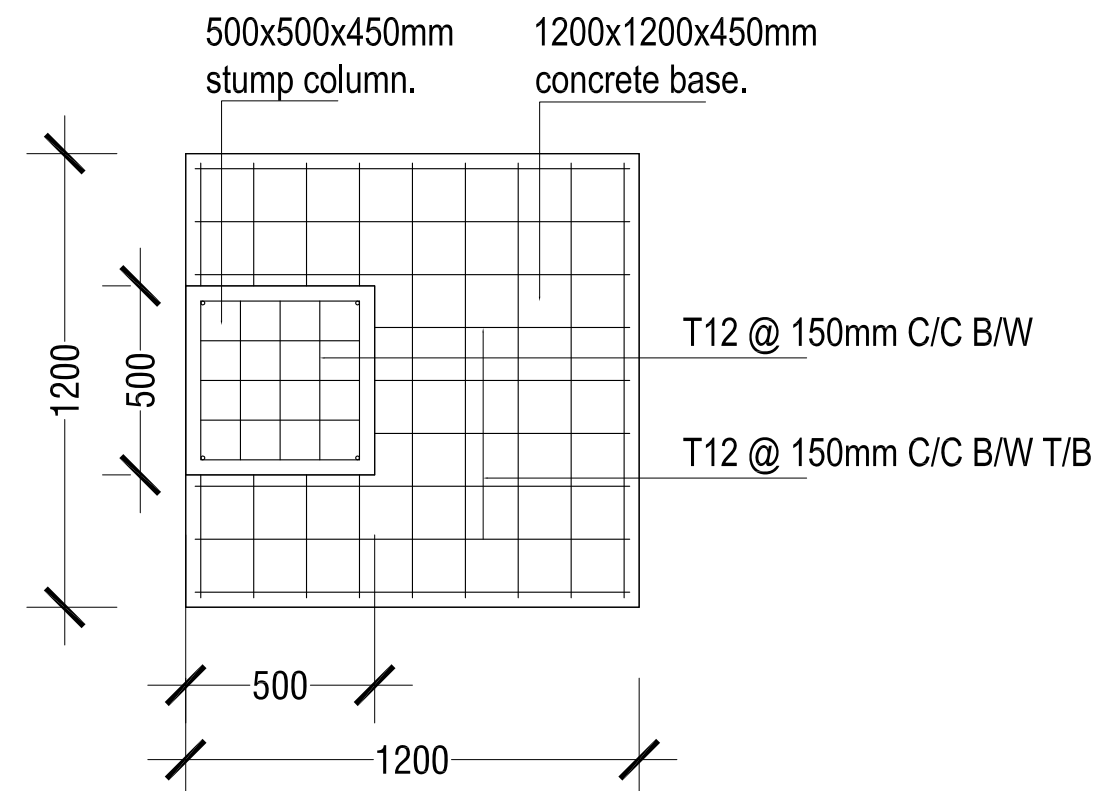
PUMPING STATION STRUCTURAL DETAILS
Scale: N.T.S

ELEVATION - PUMPSTATION VENT.

Scale: N.T.S



SECTION.



FOOTING DETAIL PLAN.

Scale: N.T.S

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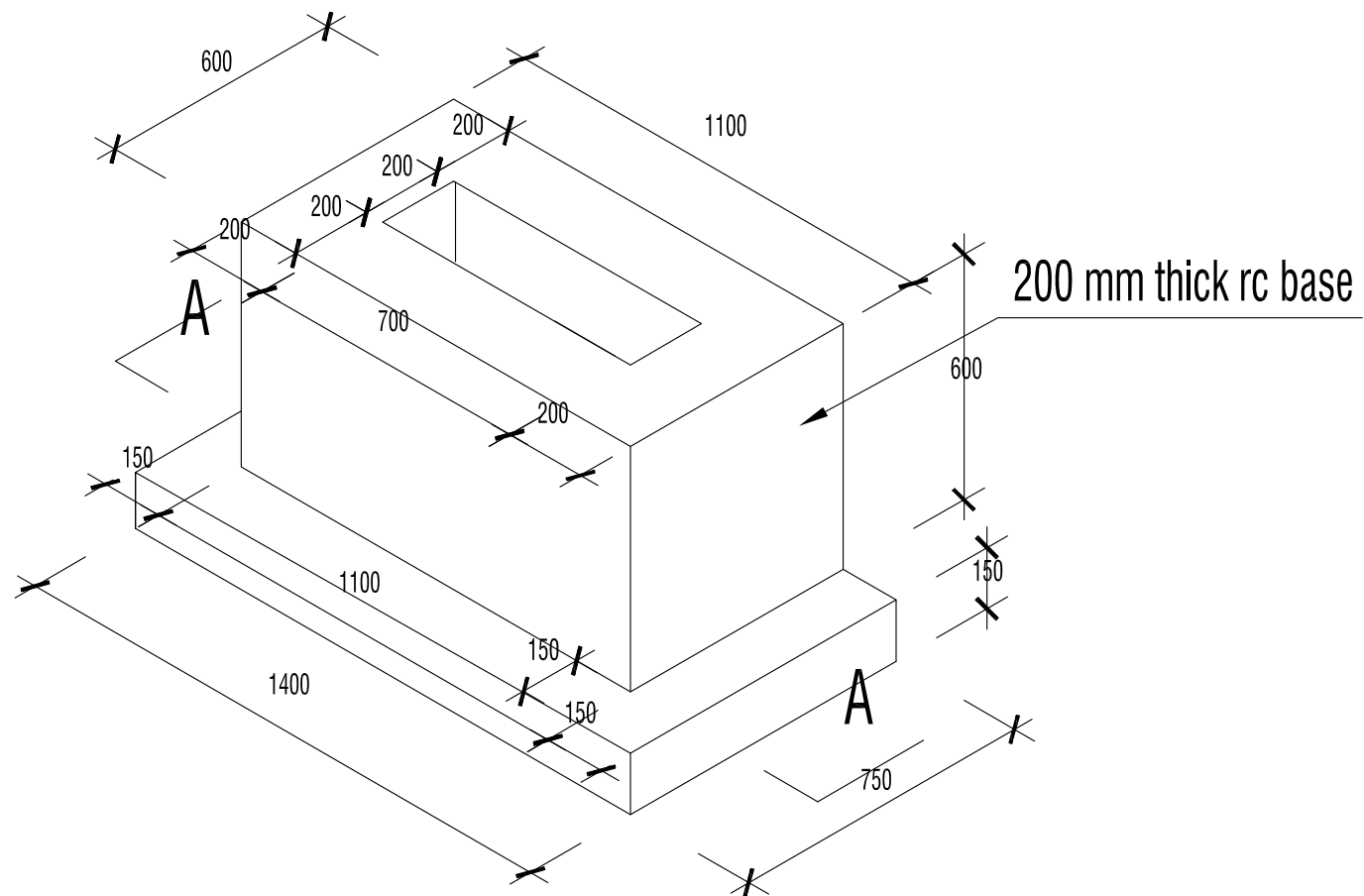
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Title: PUMP STATION VENT
ELEVATION, FOOTING
DETAIL PLAN

Page: V - 08

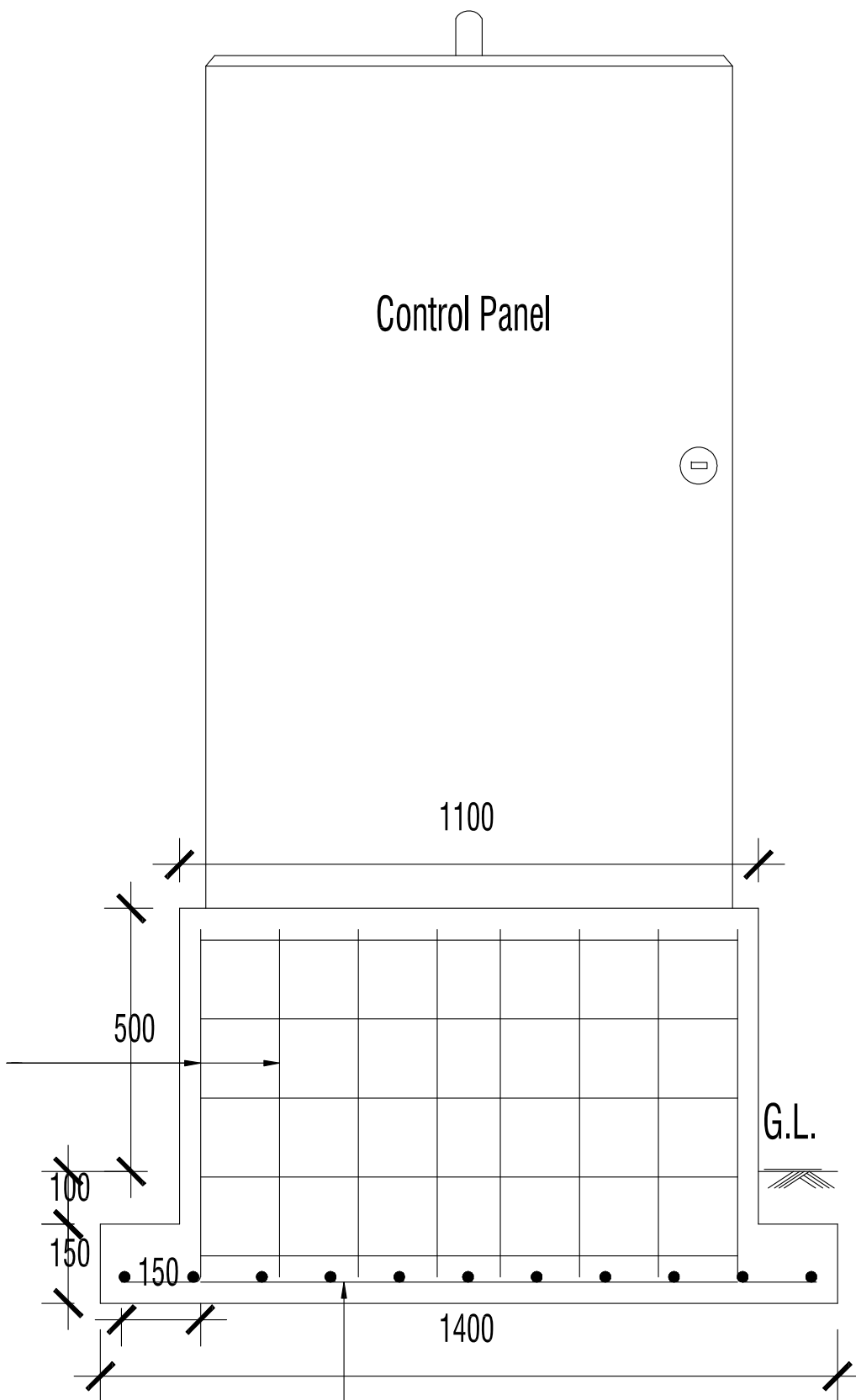
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ISOMETRIC VIEW

Scale: N.T.S

T10 -150 B/W



T10 -150 B/W

SECTION A - A

Scale: N.T.S

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CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

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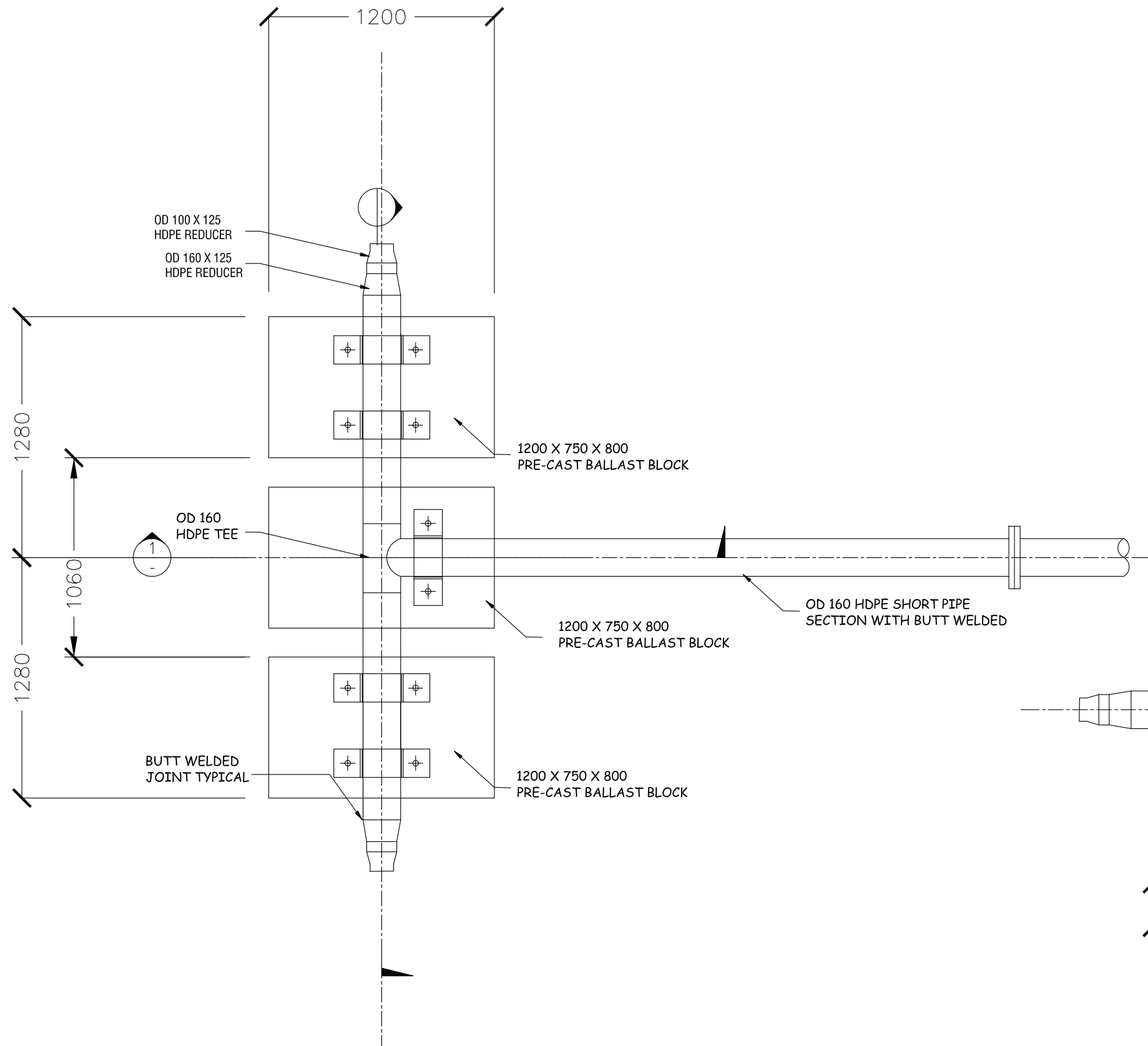
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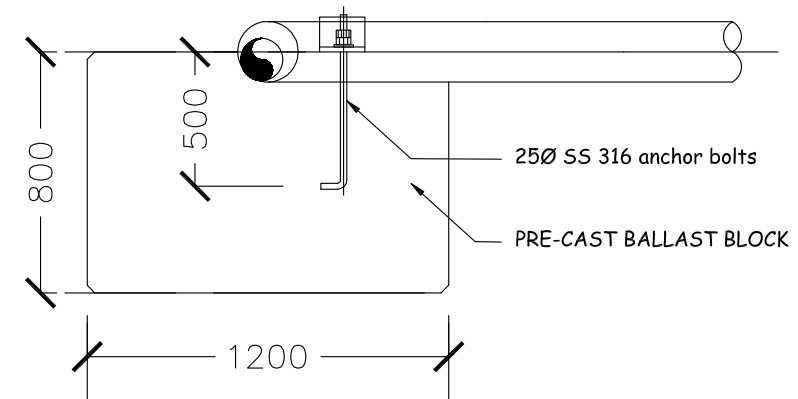
Title: CONTROL PANEL BASE
SECTION A-A

Page: V - 09

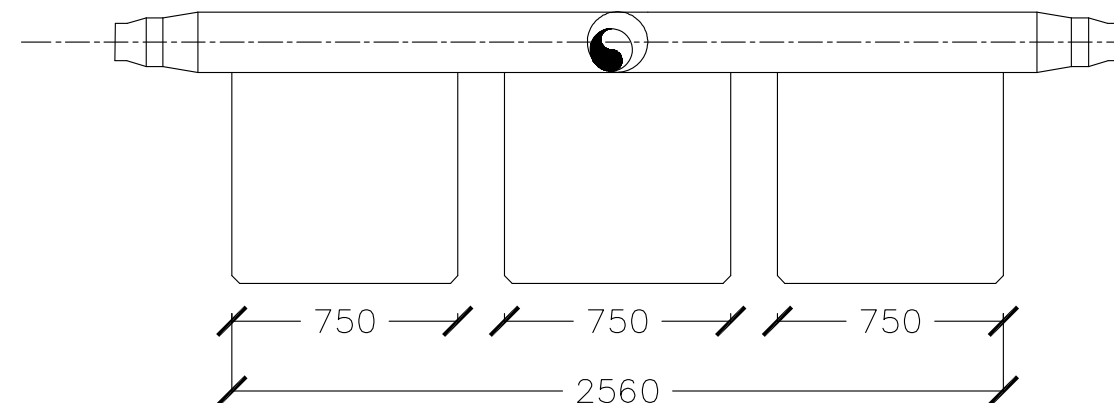
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PLAN — T-HEAD DIFFUSER
Scale: N.T.S



SECTION — T-HEAD DIFFUSER
Scale: N.T.S



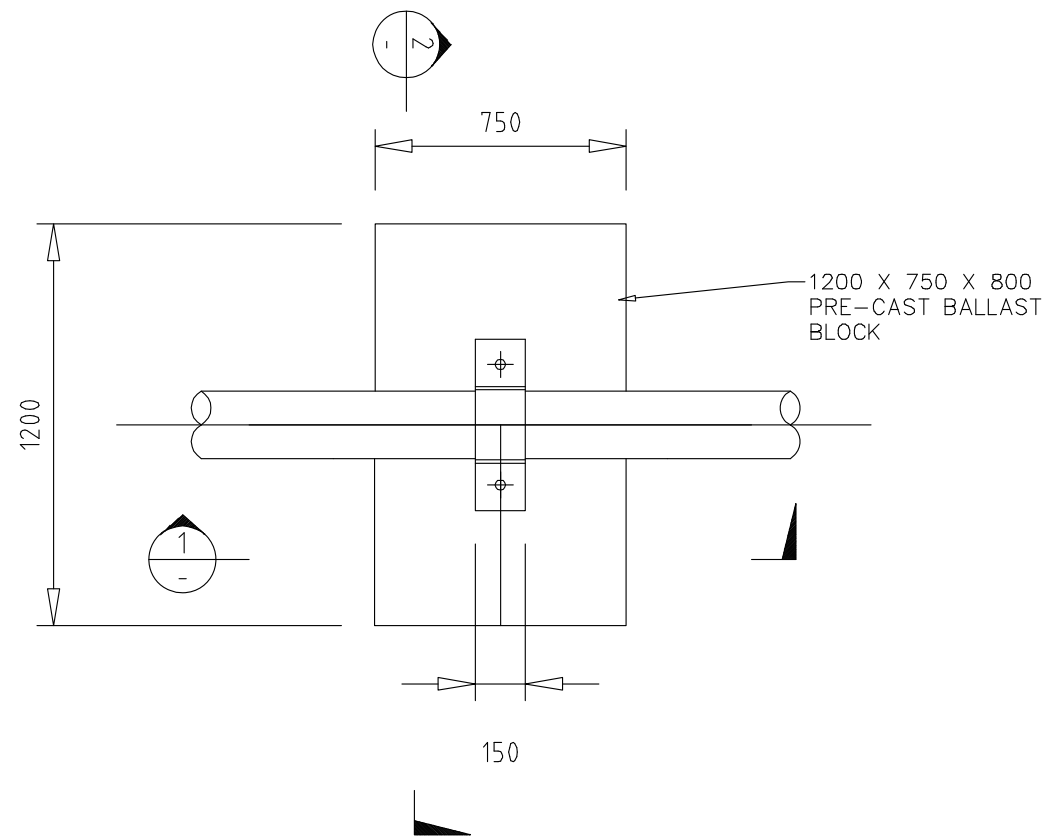
SECTION — T-HEAD DIFFUSER

NOTES:

1. ALL BACKING RINGS FOR STUB FLANGES, NUTS AND BOLTS SHALL BE GRADE 316 STAINLESS STEEL.
2. ALL PIPEWORK SHALL BE BEDDED ON 10MM THICK NEOPRENE RUBBER SEAT IN SEMICIRCULAR RECESS MATCHING THE O.D OF THE PIPE.
3. FABRICATE SPECIFIC PIPE CLAMPS TO PROVIDE FIRM CLAMPING ACTION ACCORDING TO PIPE O.D .

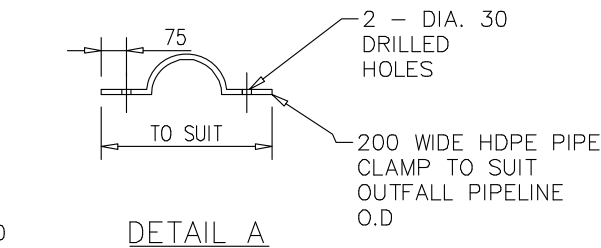
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PLAN PRE-CAST BALLAST BLOCK

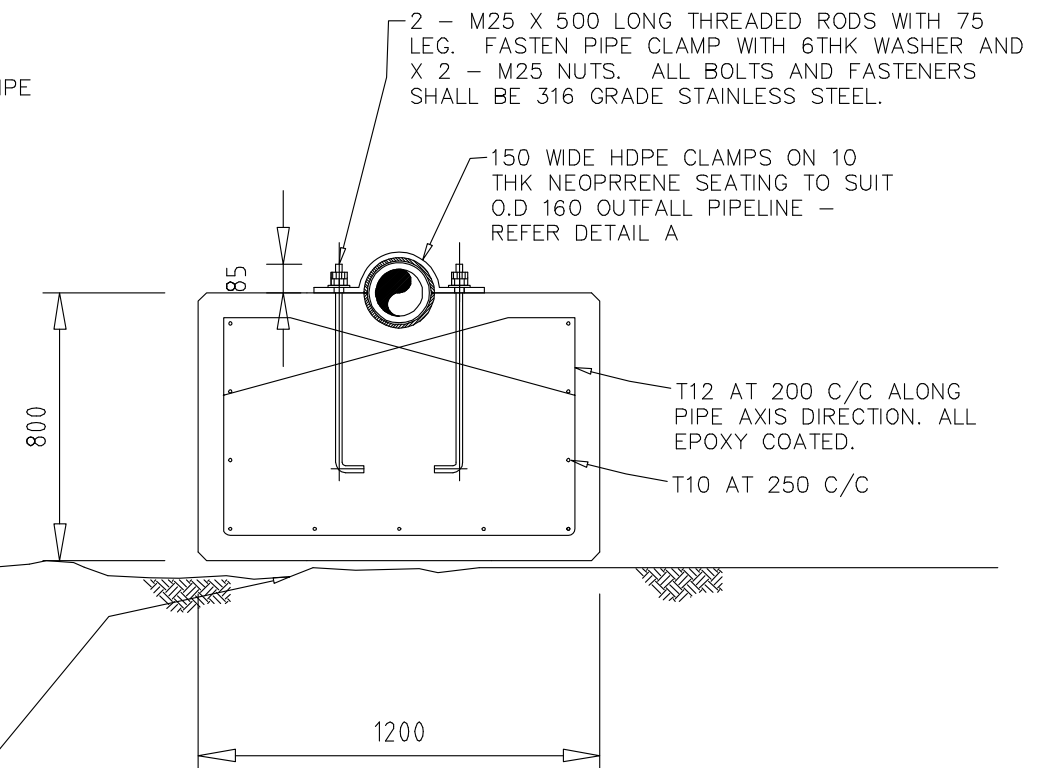
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DETAIL A

PRE-CAST BALLAST BLOCK

PREPARE SEABED PRIOR TO PLACEMENT OF BALLAST BLOCKS MAX. +/- 25MM AMPLITUDE

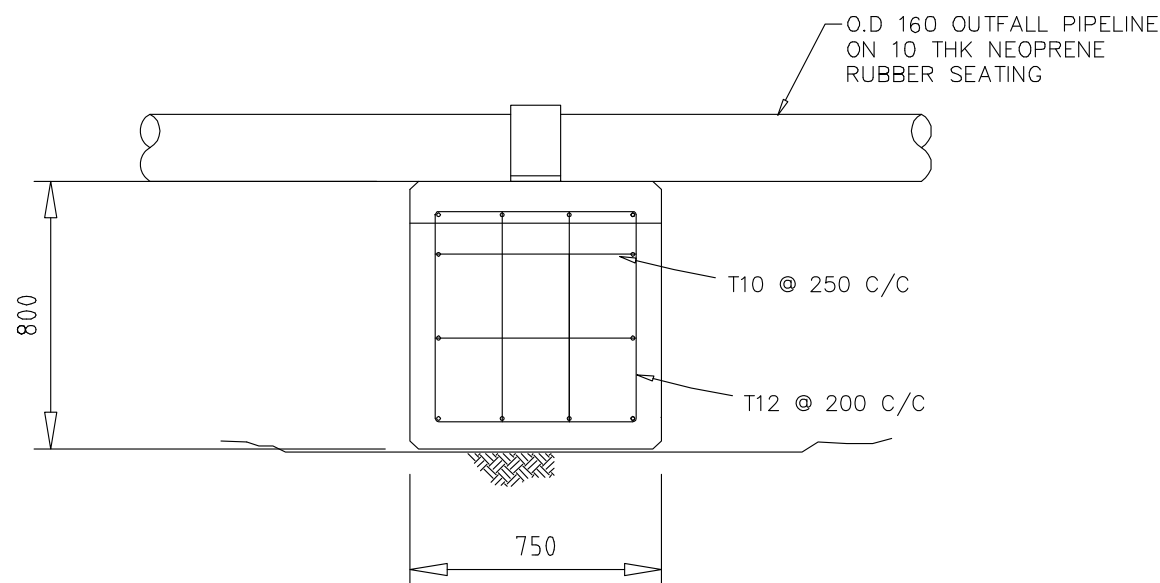


SECTION - PRE-CAST BALLAST BLOCK ASSEMBLY

Scale: N.T.S

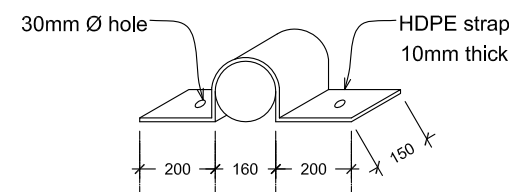
NOTES:

1. MIN 75MM COVER TO ALL REINFORCEMENT BARS.
2. ALL REINFORCEMENT SHALL BE EPOXY COATED PRIOR TO PLACEMENT OF CONCRETE.
3. PRE-CAST BALLAST BLOCKS SHALL BE FABRICATED WITH N40 / 20 CONCRETE.

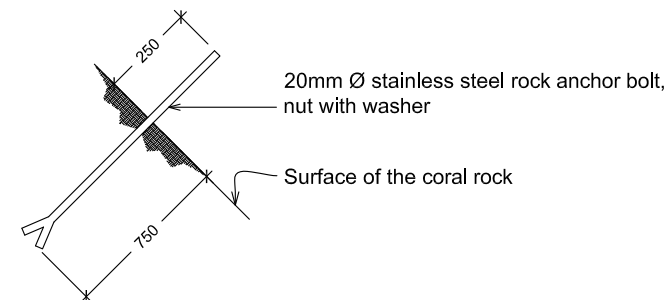


ELEVATION

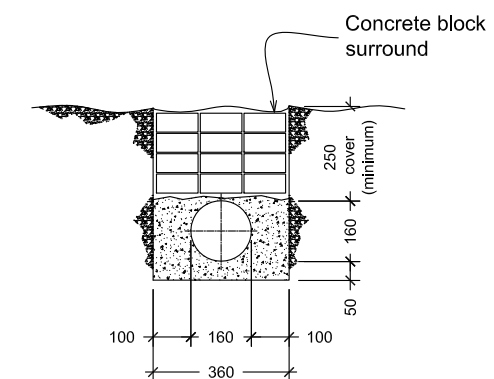
Scale: N.T.S



Straps at every one metre
DETAIL OF FIXING PIPE ON REEF FACE



ANCHOR BOLT DETAIL FOR FIXING OUTFALL PIPE ON STEEP REEF SLOPES



BURIED SECTION DETAIL

SEA OUTFALL FIXING DETAIL

Scale: N.T.S

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
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CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
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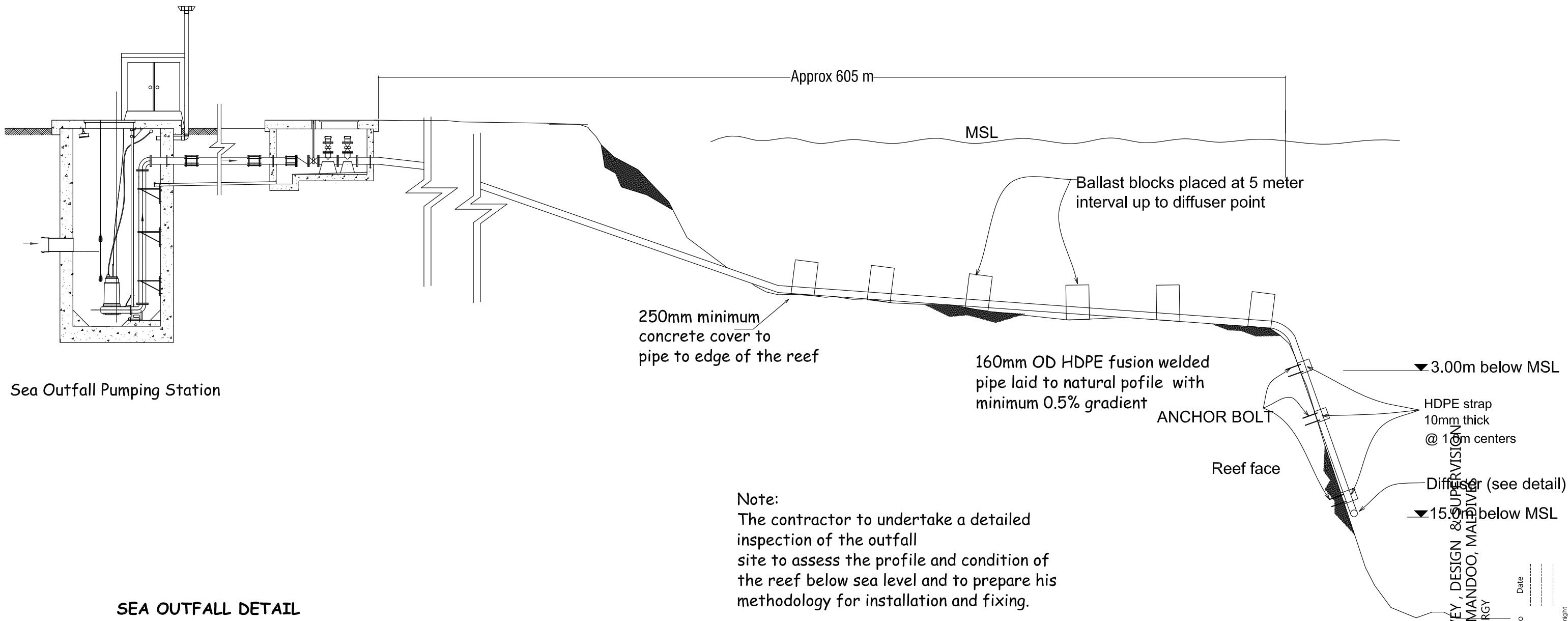
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Title: SEA OUTFALL FIXING DETAILS

Page: V - 11

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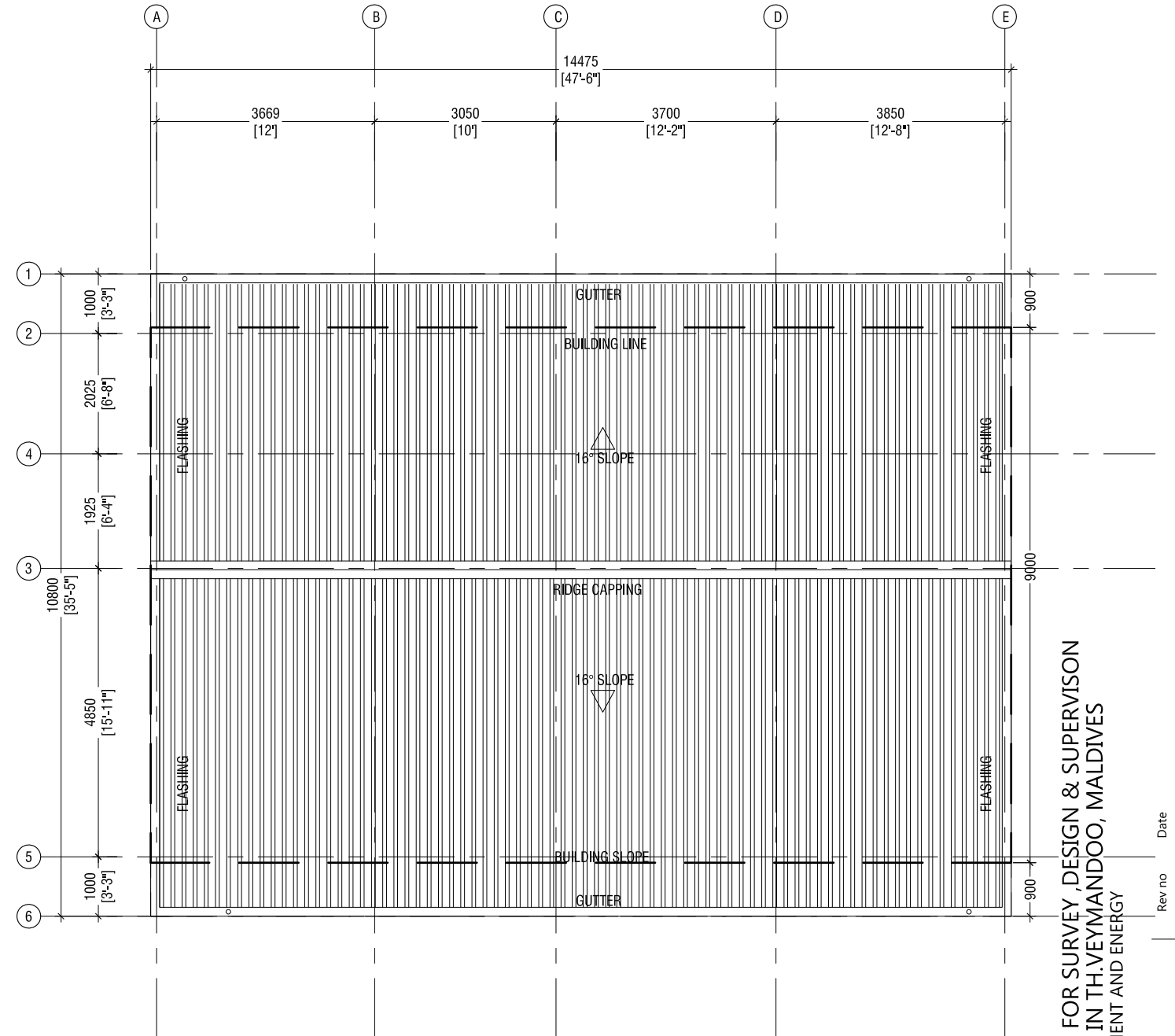
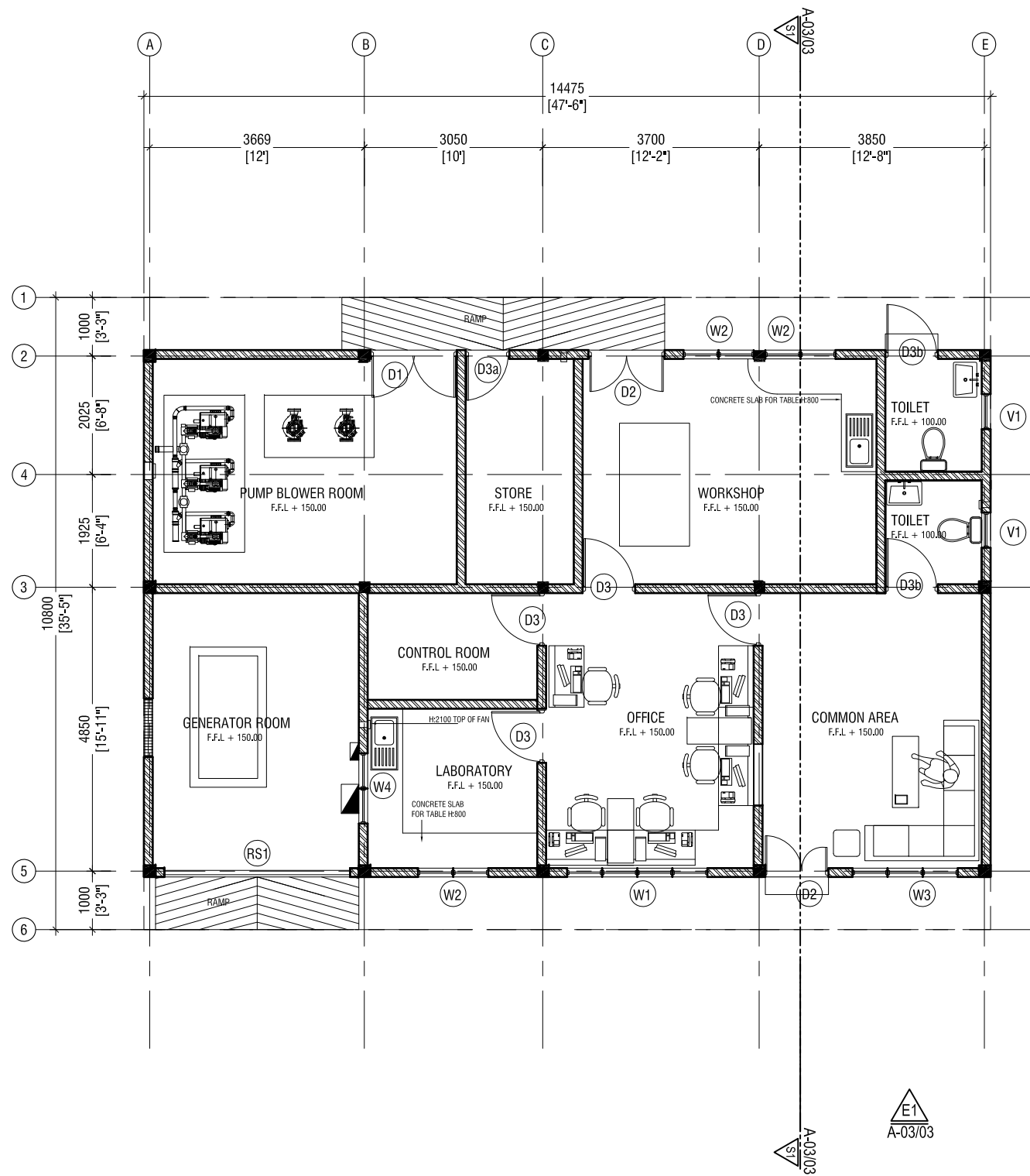
Sea Outfall Pumping Station

SEA OUTFALL DETAIL

Scale: N.T.S

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
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CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
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CHECKED BY: - Insan Waheed
DRAWN BY: - Mariyam Irasha Shareef

Rev no Date

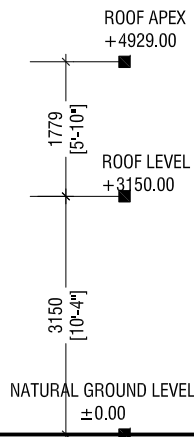
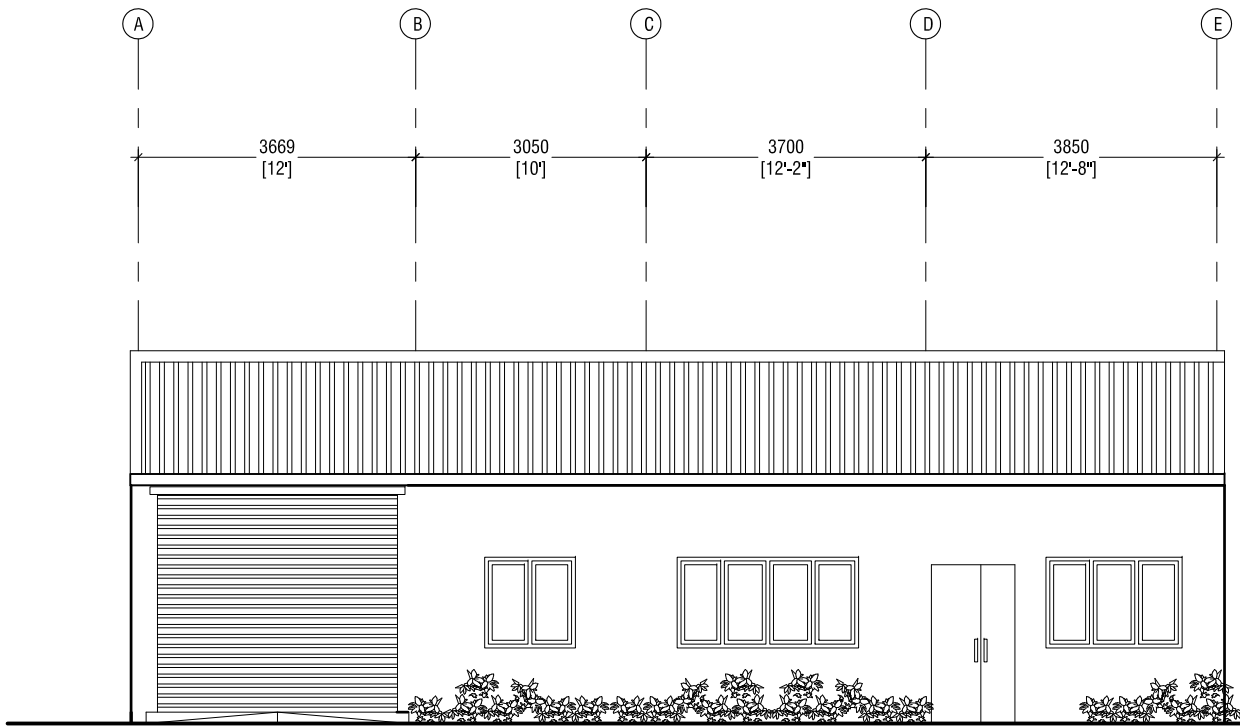
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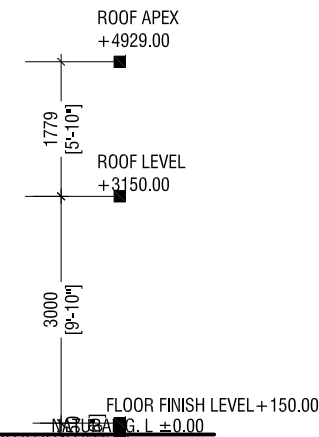
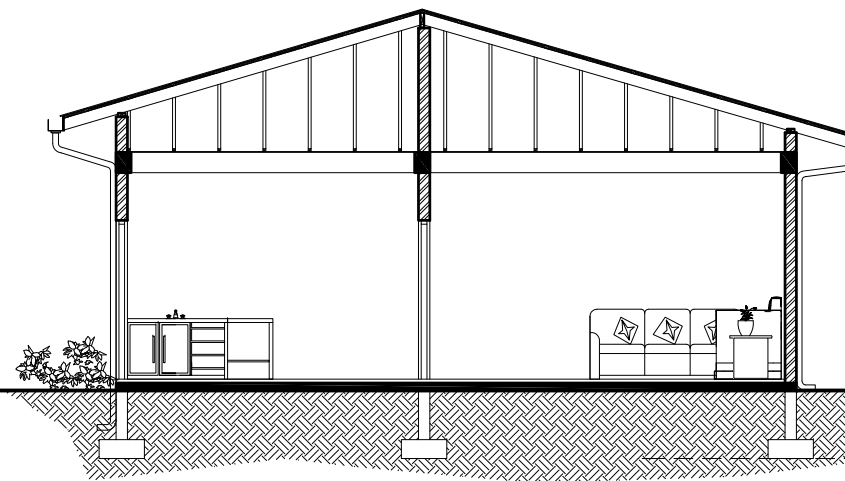
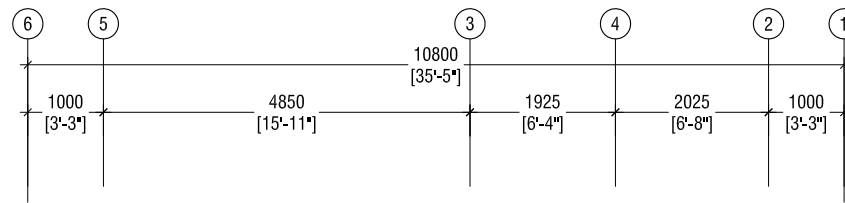
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3rd floor, H. Azum, Kinaanneemaguu, Male'

Title: ADMIN BUILDING GROUND
FLOOR PLAN & ROOF PLAN



ELEVATION E1
SCALE 1:100



SECTION S1 - S1
SCALE 1:100

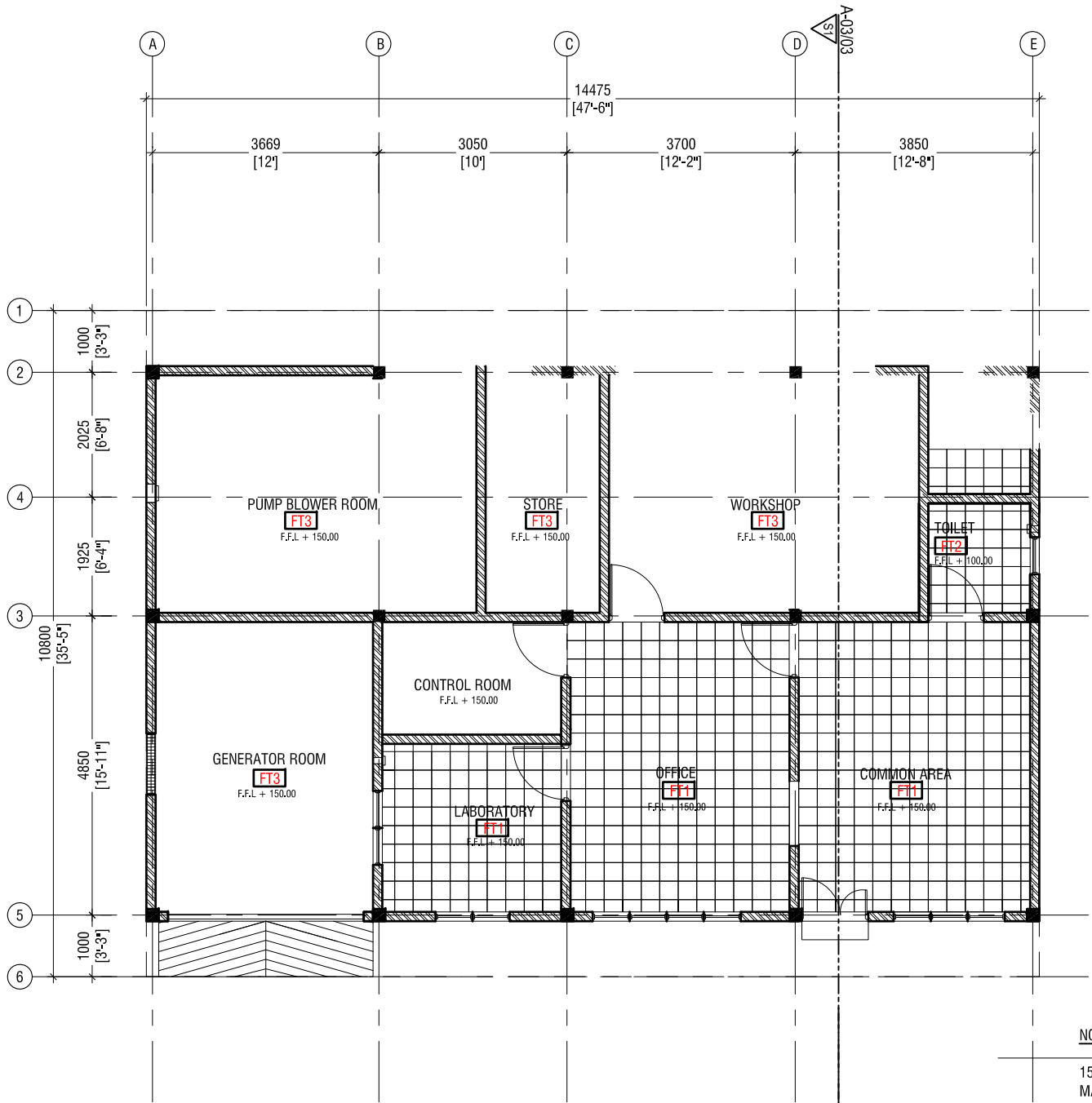


CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER :-
DATE: September 2016
ENGINEER :- Insaan Waheed
CHECKED BY :- Insaan Waheed
DRAWN BY :- Mariyam Irasha Shareef

Rev no	Date



GROUND FLOOR FINISHES PLAN

SCALE 1:100



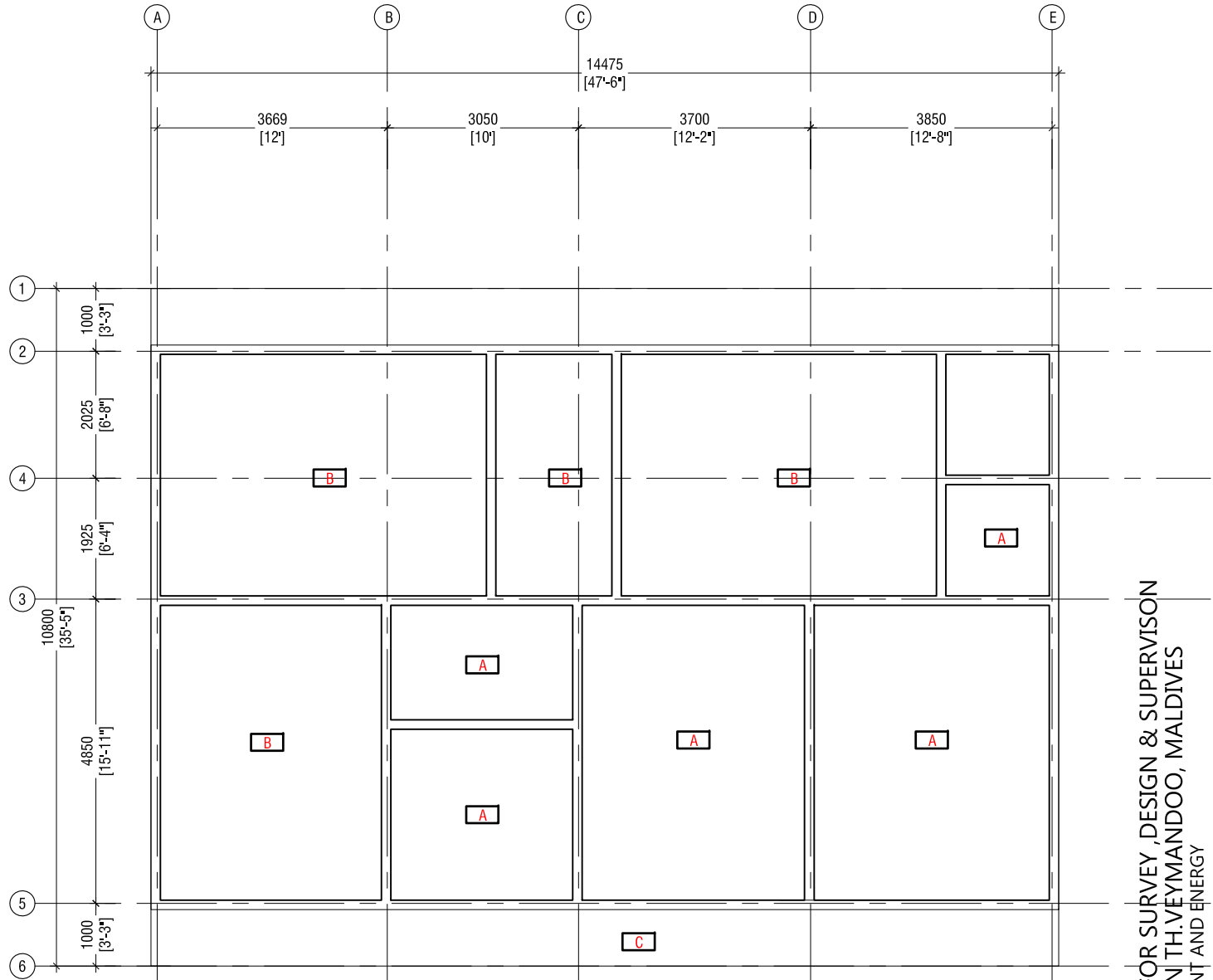
NOTE:

150mm THICK SOLID BLOCK
MASONRY WALL WITH 20mm
PLASTERING ON EXTERIOR
16mm PLASTERING ON INTERIOR
WITH WHITE EMULSION PAINT ON
BOTH SIDES

FT1 — **TILE FINISH**
300x300 CERAMIC TILES

FT2 — **TILE FINISH**
300x300 CERAMIC NON SLIP TILES

FT3 — **CONCRETE FINISH**
EPOXY FLOOR PAINT



NOTE:

A FALSE FLAT CEILING WITH
9mm THICK GYPSUM BOARD
UNDER 50X38mm TIMBER FRAMING
WITH EMULSION PAINT FINISH

B ALL EXPOSED WOODEN ROOF
MEMBERS COVERED WITH PVC NET

C 06mm CEMENT BOARD EAVE CEILING WITH
EXTERIOR PAINT

REFLECTED CEILING PLAN

SCALE 1:100



CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER: -

DATE: September 2016

ENGINEER: - Insaan Waheed

CHECKED BY: - Insaan Waheed

DRAWN BY: - Mariyam Irasha Shareef

Rev no	Date
1	2016-09-01
2	2016-09-01
3	2016-09-01
4	2016-09-01
5	2016-09-01
6	2016-09-01

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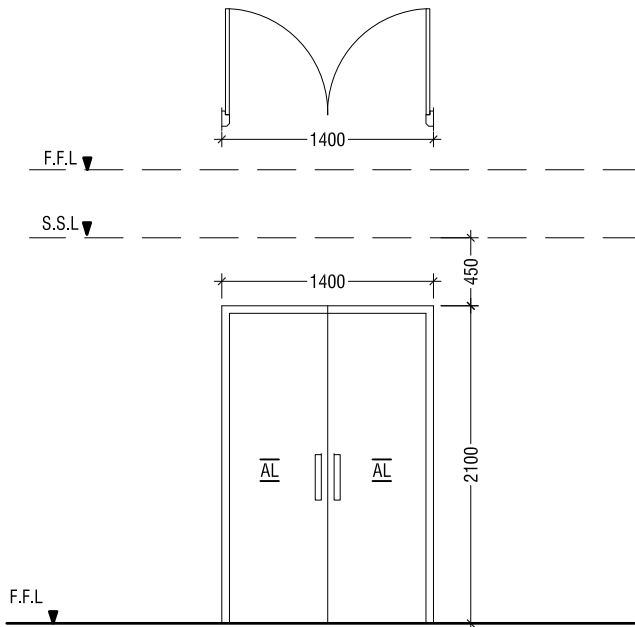
3rd floor, H. Azum Almeereemagau, Male'

Title: ADMIN BUILDING FINISHES

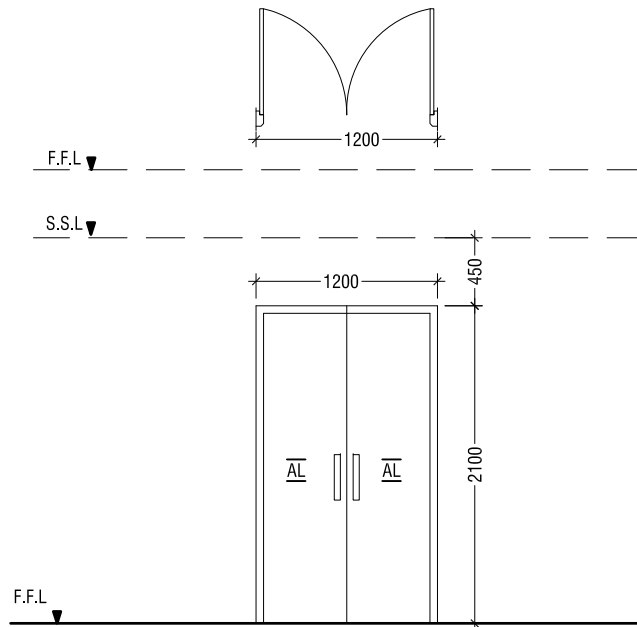
AND CEILING

Page: V - 15

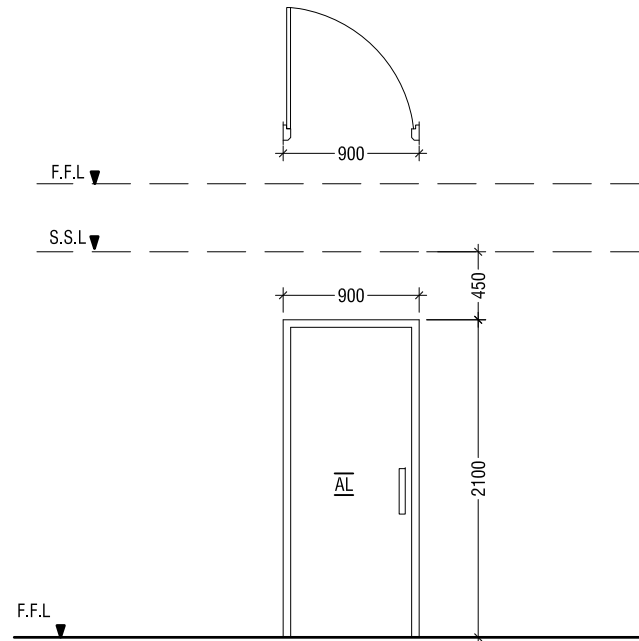
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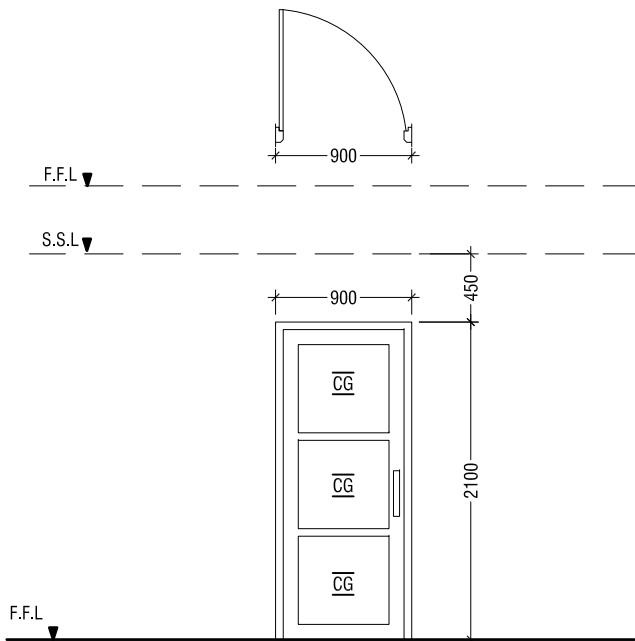
D1	SWING TYPE DOOR
REMARKS	AL FRAMED DOORS WITH AL PANELS
LOCATION	PUMP BLOWER ROOM
QUANTITY	01 NOS
OPEN AREA	2.6 SQM.



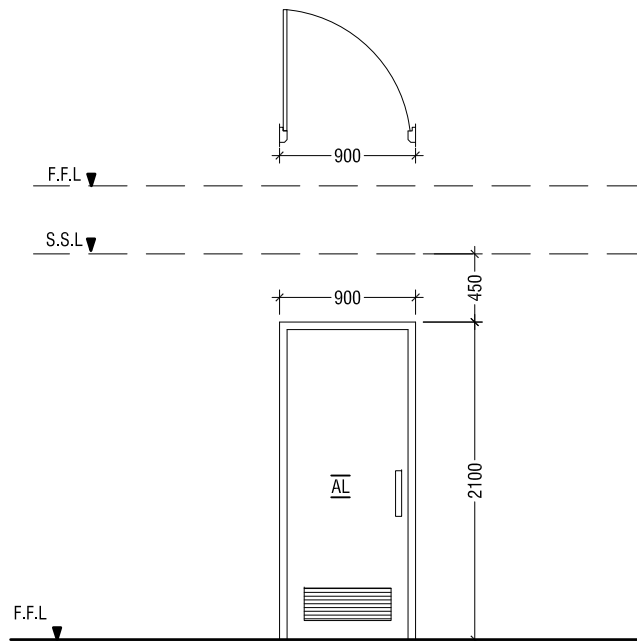
D2	SWING TYPE DOOR
REMARKS	AL FRAMED DOORS WITH AL PANELS
LOCATION	WORKSHOP & COMMON AREA ENTRANCE
QUANTITY	02 NOS
OPEN AREA	2.2 SQM.



D3	SWING TYPE DOOR
REMARKS	AL FRAMED DOORS WITH AL PANELS
LOCATION	PUMP BLOWER ROOM
QUANTITY	01 NOS
OPEN AREA	1.72 SQM.



D3a	SWING TYPE DOOR
REMARKS	AL FRAMED DOORS WITH AL PANELS
LOCATION	PUMP BLOWER ROOM
QUANTITY	01 NOS
OPEN AREA	1.64 SQM.



D3b	SWING TYPE DOOR
REMARKS	AL FRAMED DOORS WITH AL PANELS AND LOUVERS
LOCATION	TOILETS
QUANTITY	02 NOS
OPEN AREA	1.64 SQM.

DOORS & WINDOWS SCHEDULE 01

SCALE 1:50



LEGEND:-
ST - SOLID TIMBER
AL - ALUMINIUM LOUVERS
FR-G - FROSTED GLASS
RG - REFLECTIVE GLASS
FRG - FIXED REFLECTIVE GLASS

NOTE:-
-ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
-ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
-THE DOORS / WINDOWS WHICH DOES NOT TOUCH THE BEAM PLEASE PUT A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER:-

DATE: September 2016

ENGINEER: - Insaan Waheed

CHECKED BY: - Insaan Waheed

DRAWN BY: - Mariyam Irasha Shareef

Rev no

Date

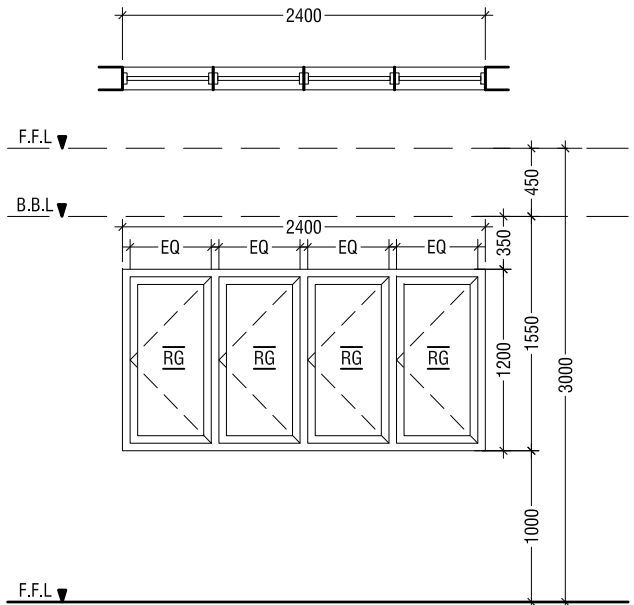
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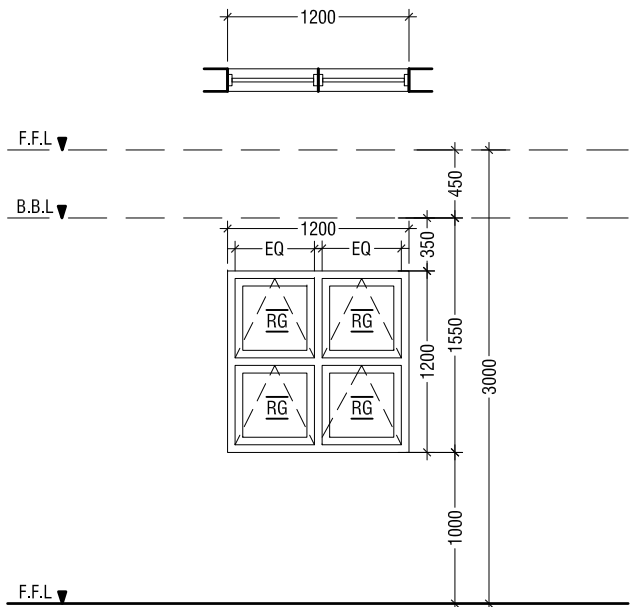
Title: DOOR & WINDOW
SCHEDULE 01

Page: V - 16

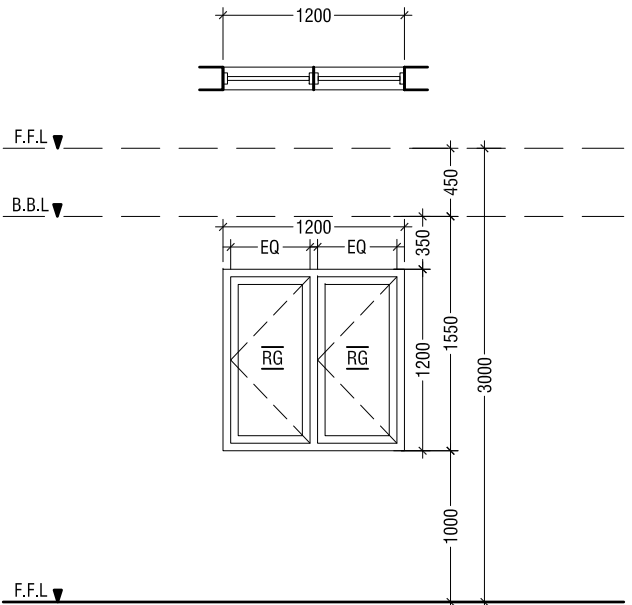
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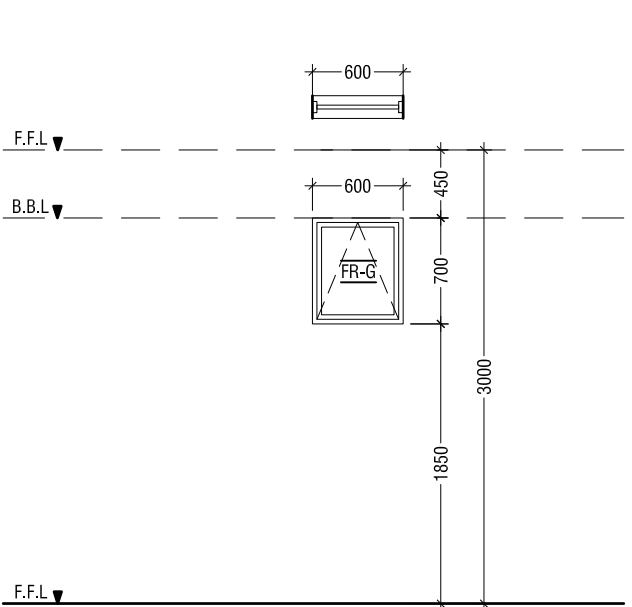
W1	SWING TYPE WINDOW
REMARKS	WHITE POWDER COATED ALUMINIUM DOOR WITH REFLECTIVE DOUBLE GLAZED GLASS PANELS
LOCATION	GROUND & THIRD FLOOR SITTING ROOM
QUANTITY	03 NOS
OPEN AREA	2.82 SQM.



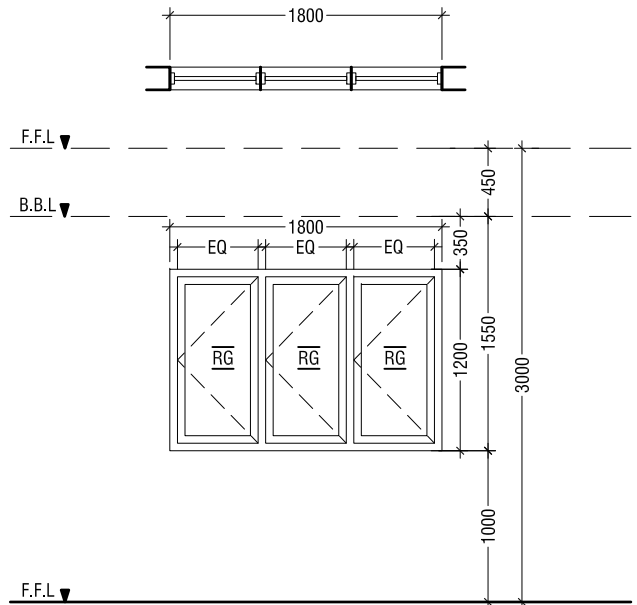
W2	CASEMENT TYPE WINDOW
REMARKS	WHITE POWDER COATED ALUMINIUM DOOR WITH REFLECTIVE DOUBLE GLAZED GLASS PANELS
LOCATION	GROUND & THIRD FLOOR SITTING ROOM
QUANTITY	03 NOS
OPEN AREA	2.82 SQM.



W2	SWING TYPE WINDOW
REMARKS	WHITE POWDER COATED ALUMINIUM DOOR WITH REFLECTIVE DOUBLE GLAZED GLASS PANELS
LOCATION	GROUND & THIRD FLOOR SITTING ROOM
QUANTITY	03 NOS
OPEN AREA	2.82 SQM.



V1	SWING TYPE WINDOW
REMARKS	WHITE POWDER COATED ALUMINIUM DOOR WITH REFLECTIVE DOUBLE GLAZED GLASS PANELS
LOCATION	GROUND & THIRD FLOOR SITTING ROOM
QUANTITY	03 NOS
OPEN AREA	2.82 SQM.



W3	SWING TYPE WINDOW
REMARKS	WHITE POWDER COATED ALUMINIUM DOOR WITH REFLECTIVE DOUBLE GLAZED GLASS PANELS
LOCATION	GROUND & THIRD FLOOR SITTING ROOM
QUANTITY	03 NOS
OPEN AREA	2.82 SQM.

DOORS & WINDOWS SCHEDULE 02



LEGEND:-
AL - ALUMINIUM LOUVERS
FR-G - FROSTED GLASS
RG - REFLECTIVE GLASS
FRG - FIXED REFLECTIVE GLASS

NOTE:-
-ALL DOORS & WINDOWS TO BE CHECKED ON SITE BEFORE FABRICATION.
-ALL DOOR & WINDOWS VIEWED FROM EXTERIOR, FOR DOOR SWING, REFER TO FLOOR PLANS.
-THE DOORS / WINDOWS WHICH DOES NOT TOUCH THE BEAM PLEASE PUT A LINTEL BEAM (LB) ABOVE THE DOOR / WINDOW.

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER:-

DATE: September 2016

ENGINEER: :- Insaan Waheed

CHECKED BY: :- Insaan Waheed

DRAWN BY: :- Mariyam Irasha Shareef

Rev no

Date



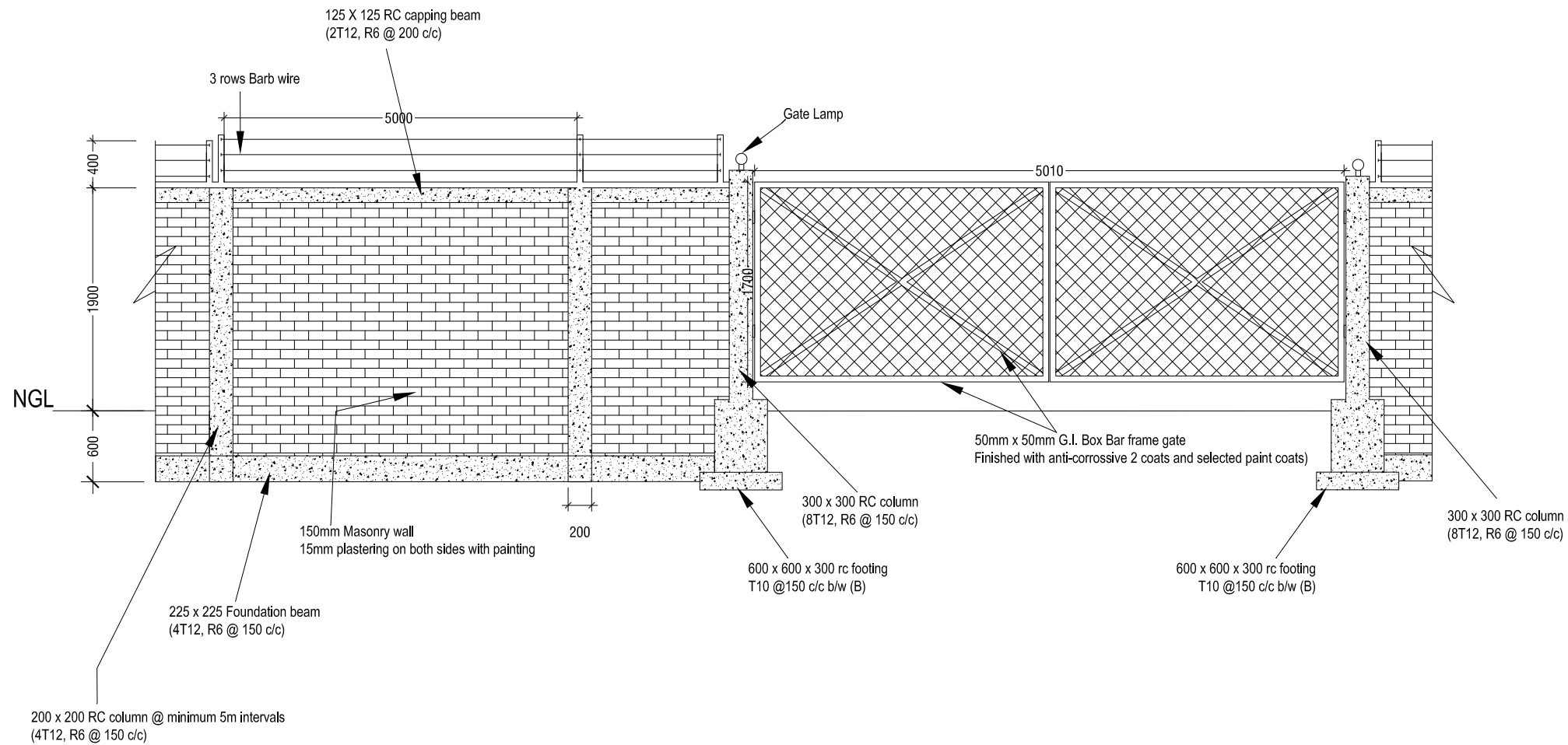
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Title: DOOR & WINDOW
SCHEDULE 02

Page: V - 17

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BOUNDARY WALL & GATE DETAIL

SCALE 1:50

0 0.25 0.5 1 1.5 2 2.5



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Title: ADMIN BUILDING
BOUNDARY WALL &
GATE DETAIL

Page: V - 18

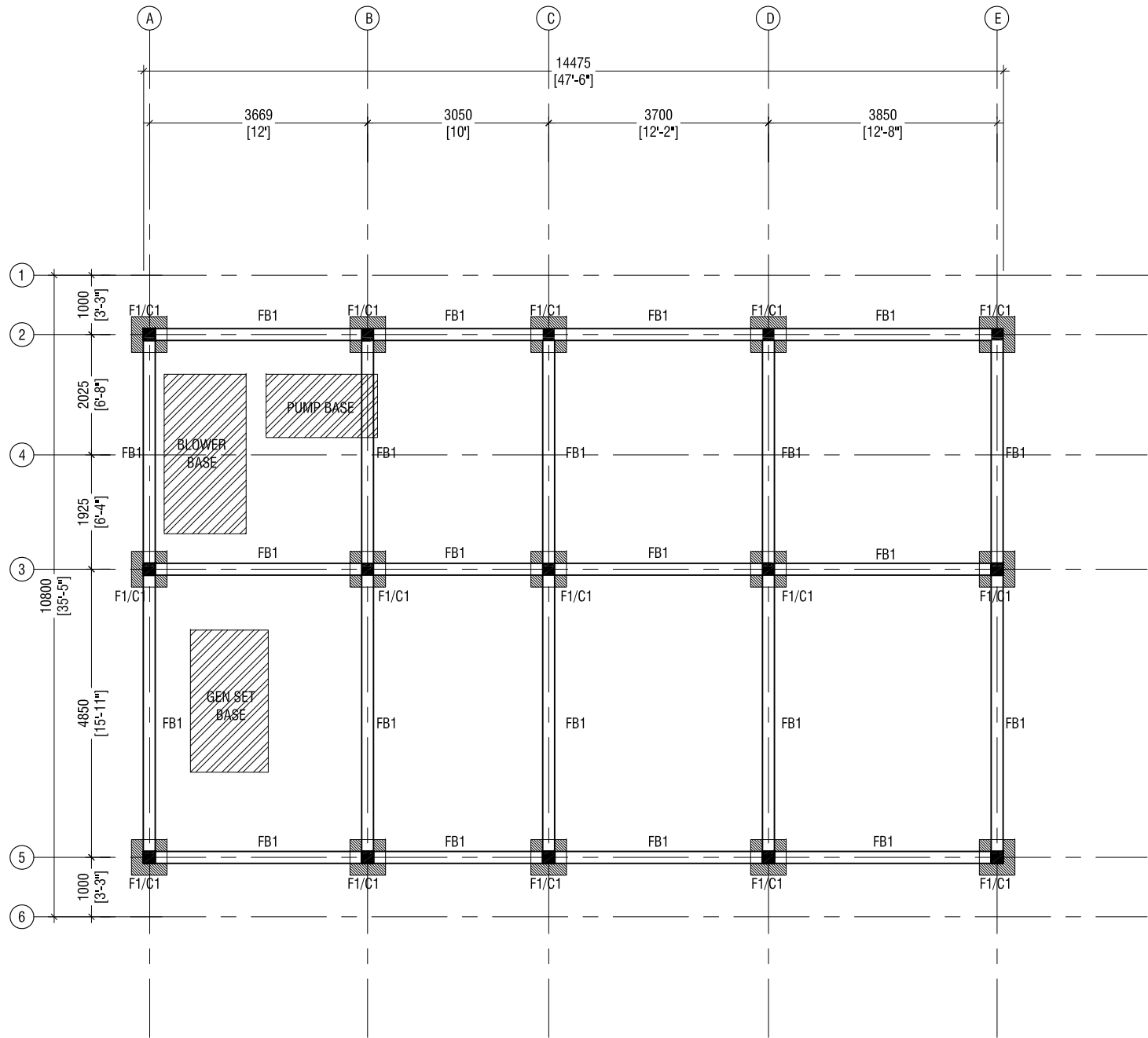

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

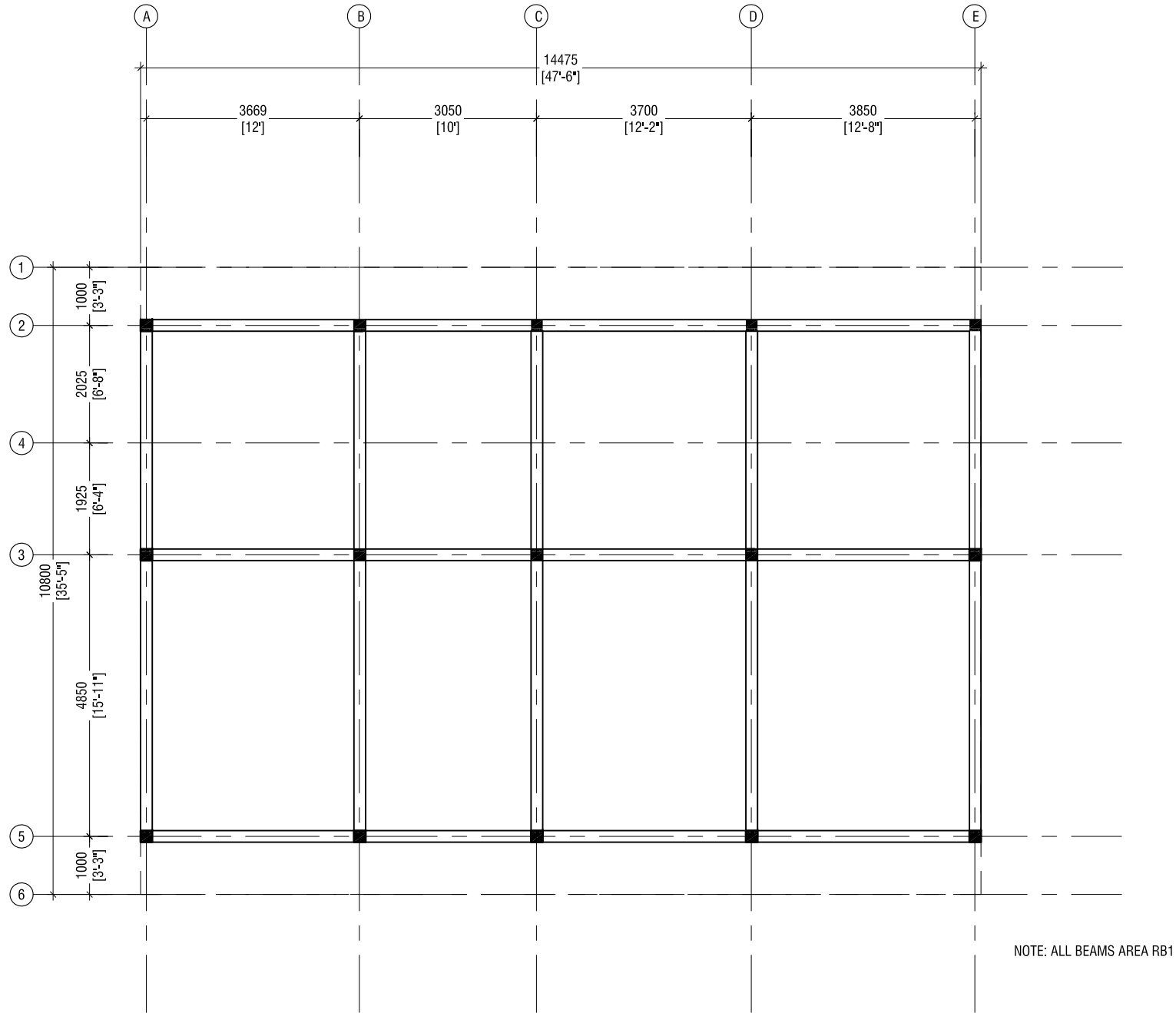
PROJECT NUMBER:-
DATE: September 2016
ENGINEER :- Ihsaan Waheed
CHECKED BY :- Ihsaan Waheed
DRAWN BY :- Mariyam Irasha Shareef

Rev no	Date
1	2016/09/20
2	2016/09/20
3	2016/09/20
4	2016/09/20
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6	2016/09/20
7	2016/09/20
8	2016/09/20
9	2016/09/20
10	2016/09/20

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FOUNDATION PLAN
SCALE 1:100





NOTE: ALL BEAMS AREA RB1

ROOF BEAM PLAN

SCALE 1:100



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Title: ADMIN BUILDING ROOF BEAM

Page: V - 20

CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER:-

DATE: September 2016

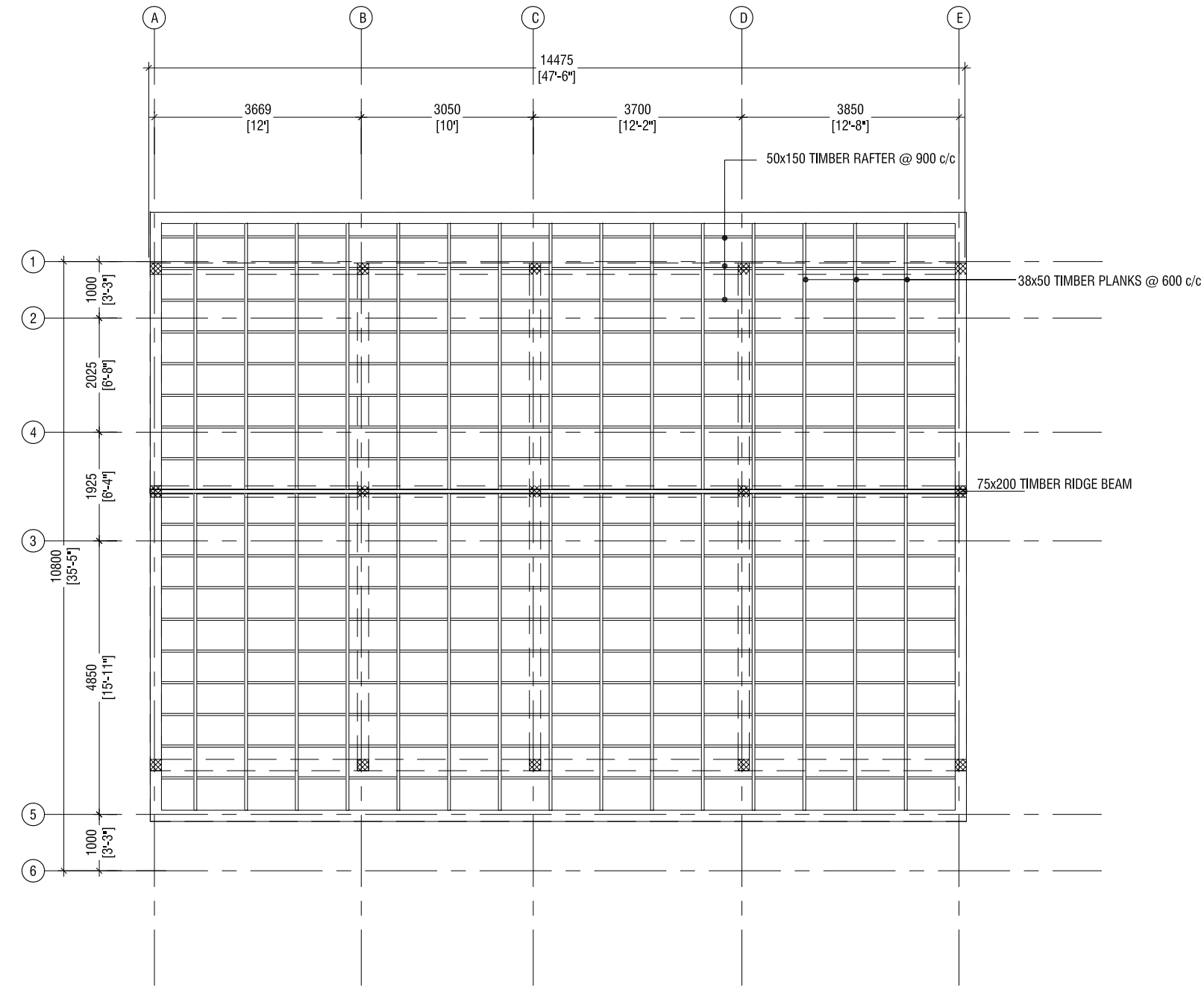
ENGINEER :- Insaan Waheed

CHECKED BY :- Insaan Waheed

DRAWN BY :- Mariyam Irasha Shareef

Rev no	Date
1	2016-09-01
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ROOF FRAMING PLAN
SCALE 1:100



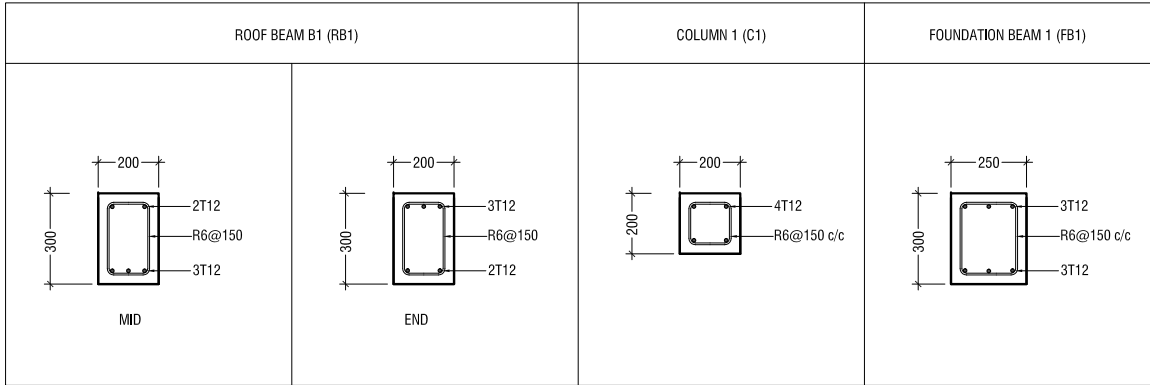
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3rd floor, H. Azum, Kireereemaguu, Male'

Title: ADMIN BUILDING FRAMING PLAN

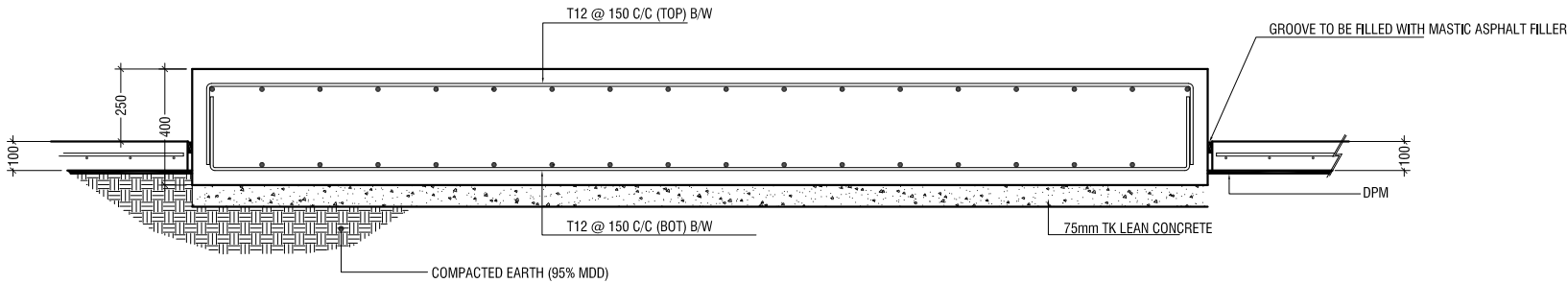
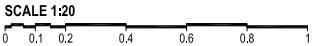
CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT NUMBER: -
DATE: September 2016
ENGINEER: - Insan Waheed
CHECKED BY: - Insan Waheed
DRAWN BY: - Mariyam Irasha Shareef

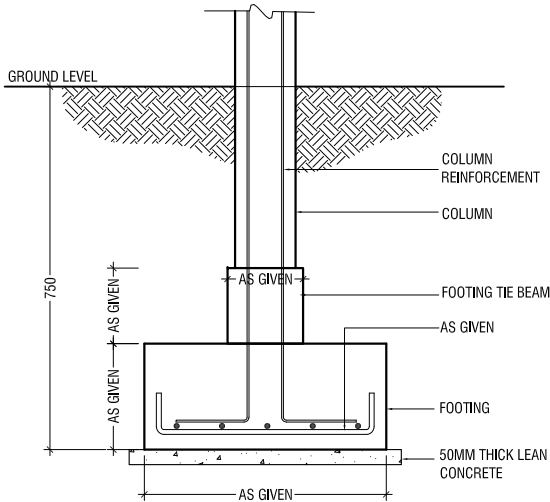
Rev no	Date



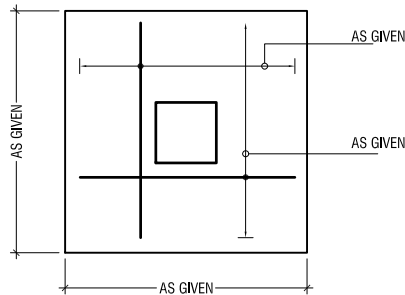
STRUCTURAL DETAILS



TYPICAL GENERATOR&PUMPS CONCRETE BASE



TYPICAL FOUNDATION DETAIL



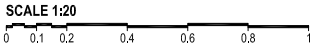
PLAN

FOOTING FADS

	FOOTING SIZE	REINFORCEMENT
F1	600 X 600 X 250	T10@150c/c BW (B)

FOUNDATION DEPTH - 750MM BELOW N.G.L

FOUNDATION DETAILS



Rev no	Date
1	

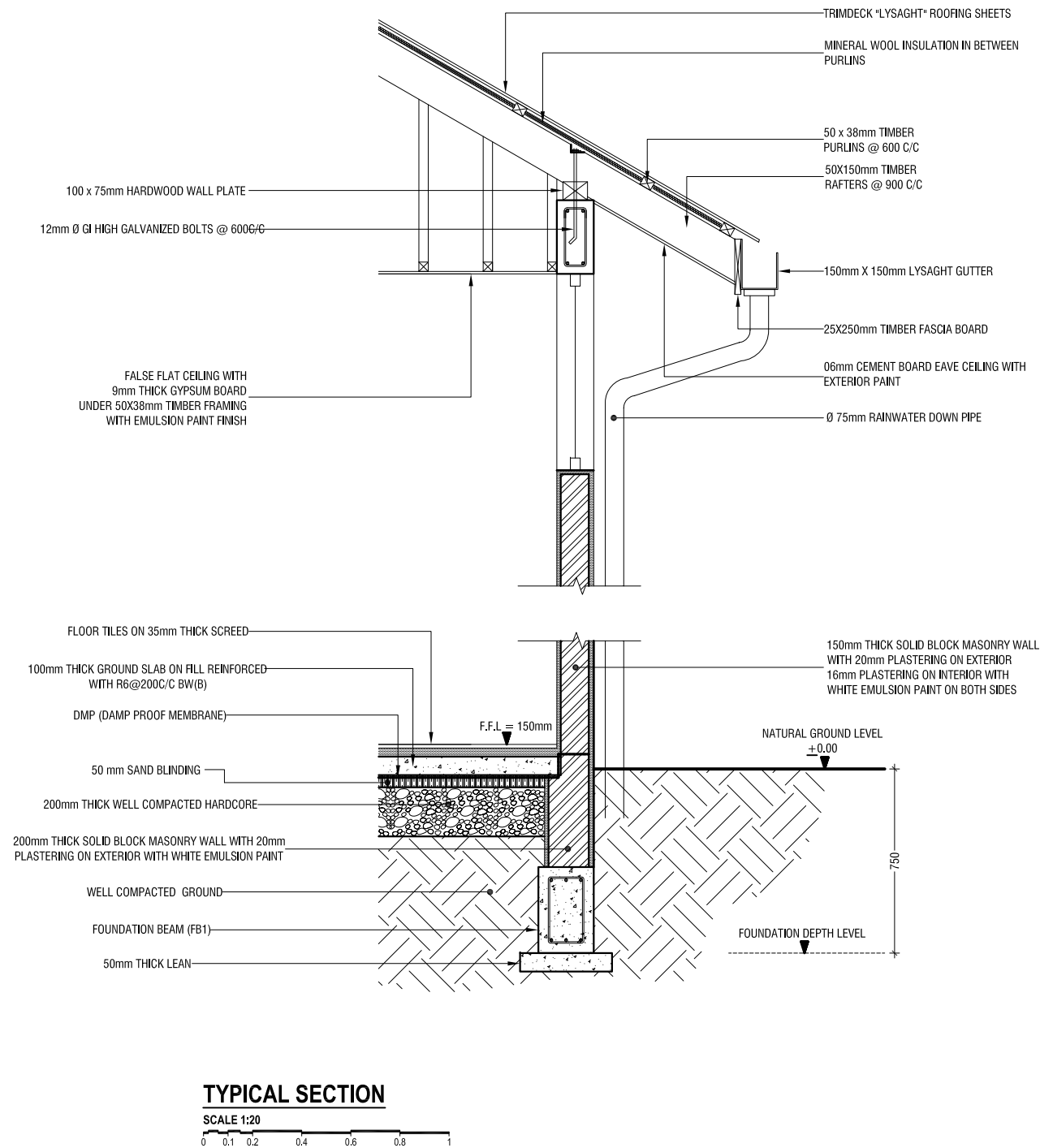


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3rd floor, H. Azum, Kineereemaguu, Male'

Title: ADMIN BUILDING
STRUCTURAL DETAILS AND
FOUNDATION DETAILS

Page: V - 22



CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

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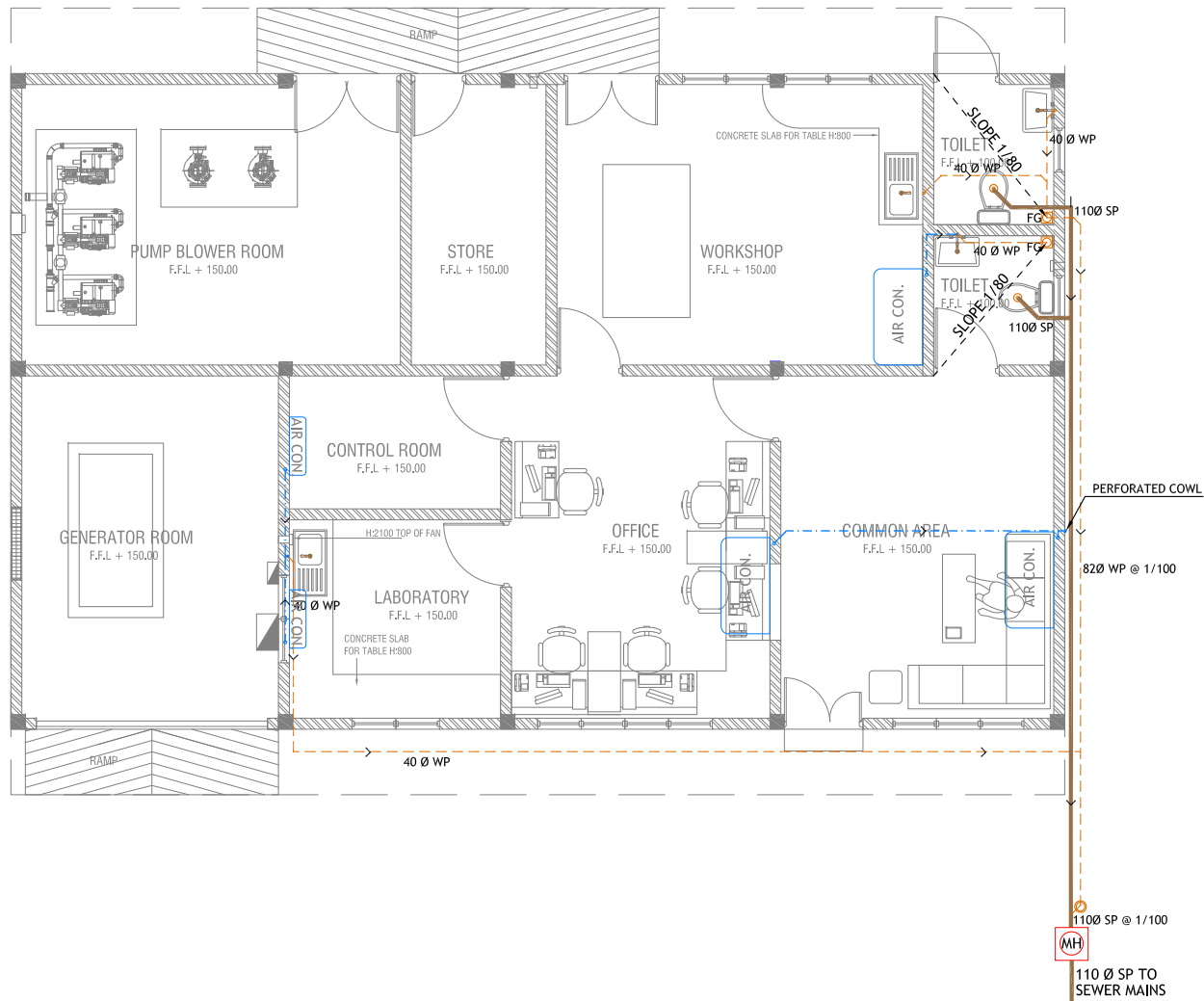
PROJECT NUMBER: -
DATE: September 2016
ENGINEER: - Insaan Waheed
CHECKED BY: - Insaan Waheed
DRAWN BY: - Mariyam Irasha Shareef



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Title: ADMIN BUILDING
TYPICAL SECTION



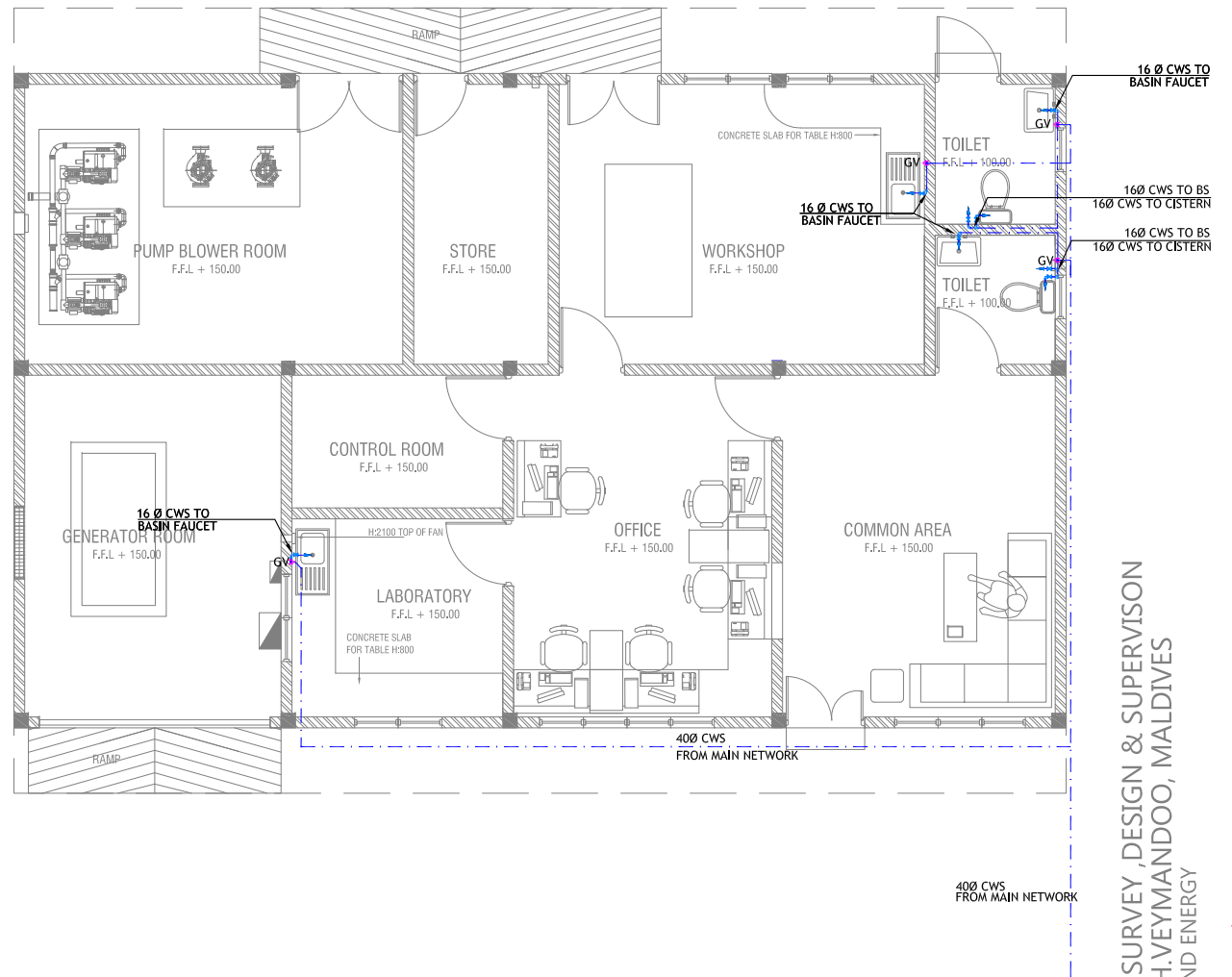
DRAINAGE LAYOUT PLAN
SCALE 1:100



LEGEND

- FG Floor Gully
- MH Chamber Manhole
- SP Soil pipe
- WP Waste pipe
- RWP Rain Water Pipe
- MHVP Manhole Vent Pipe
- GT Grease Trap
- CD Condensate Drain

ALL RAIN WATER OUTLETS TO HAVE
PERFORATED COWLS ABOVE PAVING



PLUMBING LAYOUT PLAN
SCALE 1:100



LEGEND

- CWS Cold Water Supply
- HWS Hot Water Supply
- RWS Rain Water Supply
- GV Gate Valve
- WT Wall Tap
- TA To Above
- TB To Below

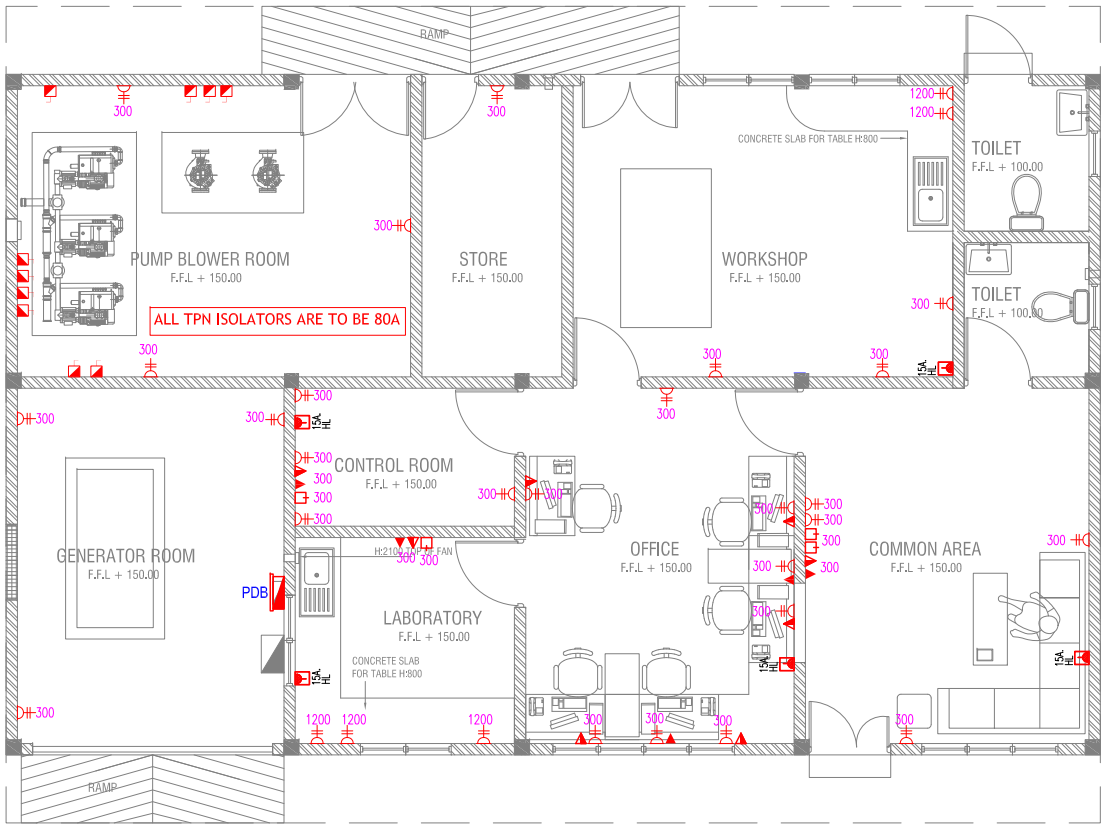
CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY
PROJECT NUMBER: -
DATE: SEPTEMBER 2016
SERVICES: - Asst. Engr. Ahmed
CHECKED BY: -
DRAWN BY: - Aishath Ahmed

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3rd floor, H. Azum, Almooraa, Male'

Title: ADMIN BUILDING SERVICES
GROUND FLOOR DRAINAGE
AND PLUMBING LAYOUT
Page: V - 24

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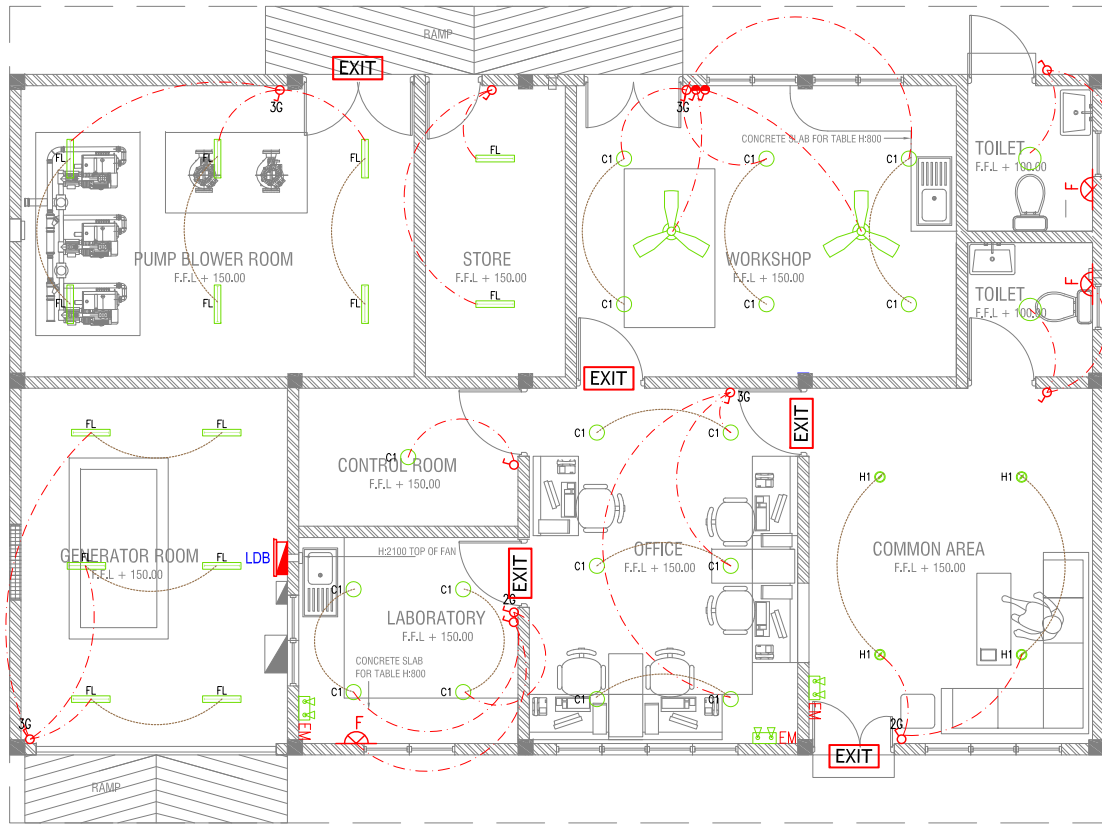
LEGEND

- 15A SWITCHED SOCKET OUTLET @ H.L.
- SPN ISOLATOR
- BEAM PLAN @ CEILING LEVEL
- 13A POWER POINT
- COMPUTER NETWORK OUTLET (RJ 45 CONNECTORS)
- TELEPHONE OUTLET (RJ11, CONNECTOR)
- 13A TWIN SOCKET OUTLET
- TV POINT
- DISTRIBUTION BOX
- 20A SWITCHED NEON INDICATOR FOR EWH.
- TPN ISOLATOR

ALL ELECTRICAL COMPONENTS CONNECTED TO DB

POWER LAYOUT PLAN

SCALE 1:100



LEGEND

- C1 CEILING DOWN LIGHT (18W)
- H1 RECESSED DOWN LIGHT (13W)
- CEILING LIGHT
- OWL OUTDOOR WALL LIGHT (CONNECTED TO MAIN DB)
- FL 2 FT TUBE LIGHT
- G LIGHT SWITCH @ 1200 MM
- 2W 2 WAY SWITCH @ 1200 MM
- CEILING FAN SWITCH @ 1200 MM
- CEILING FAN
- EM EMERGENCY LGT.
- EXIT EXIT LIGHT
- F FLEX. POWER OUTLET WITHOUT COVER PLATE

ALL ELECTRICAL COMPONENTS CONNECTED TO LDB

LIGHTING LAYOUT PLAN

SCALE 1:100



CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES
CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER :-
DATE: SEPTEMBER 2016

SERVICES :- Aishath Ahmed

CHECKED BY :- Aishath Ahmed

DRAWN BY :- Aishath Ahmed

Rev no

Date

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Title: ADMIN BUILDING SERVICES

GROUND FLOOR POWER

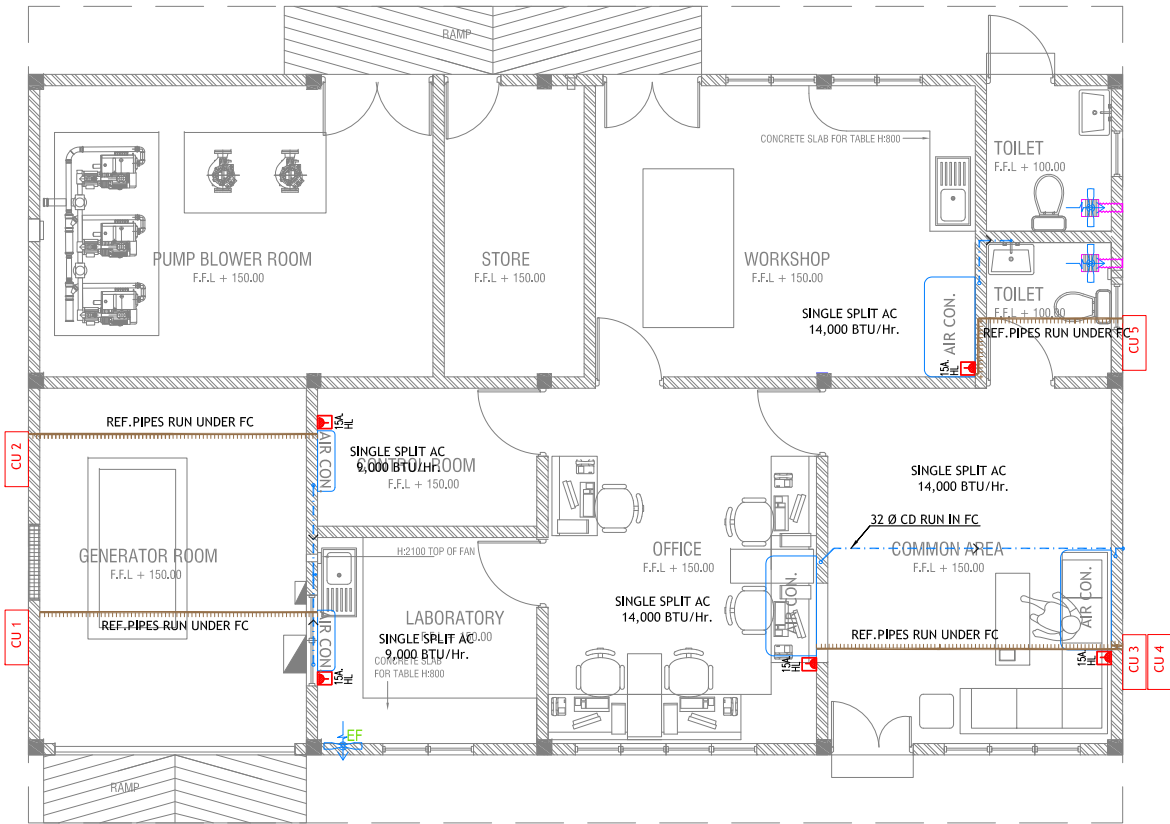
AND LIGHTING LAYOUT

Page: V - 25

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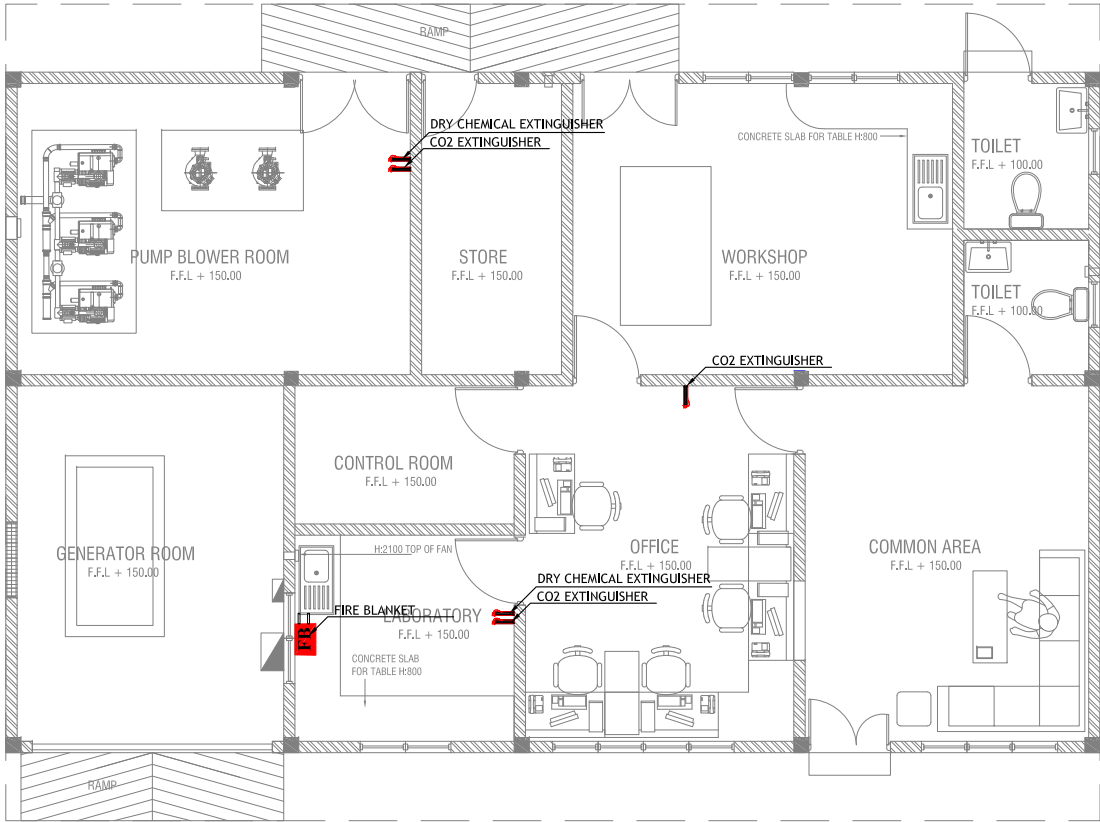
ACV LAYOUT PLAN

SCALE 1:100



LEGEND

- EF EXHAUST FAN (WALL/WINDOW MOUNT)
- EXHAUST FAN (CEILING MOUNT)



FIRE LAYOUT PLAN

SCALE 1:100



CONSULTANCY SERVICES FOR SURVEY, DESIGN & SUPERVISION
OF SEWERAGE FACILITIES IN TH.VEYMANDOO, MALDIVES

CLIENT: MINISTRY OF ENVIRONMENT AND ENERGY

PROJECT NUMBER :-

DATE: SEPTEMBER 2016

SERVICES :- Aisath Ahmed

CHECKED BY :-

DRAWN BY :- Aisath Ahmed

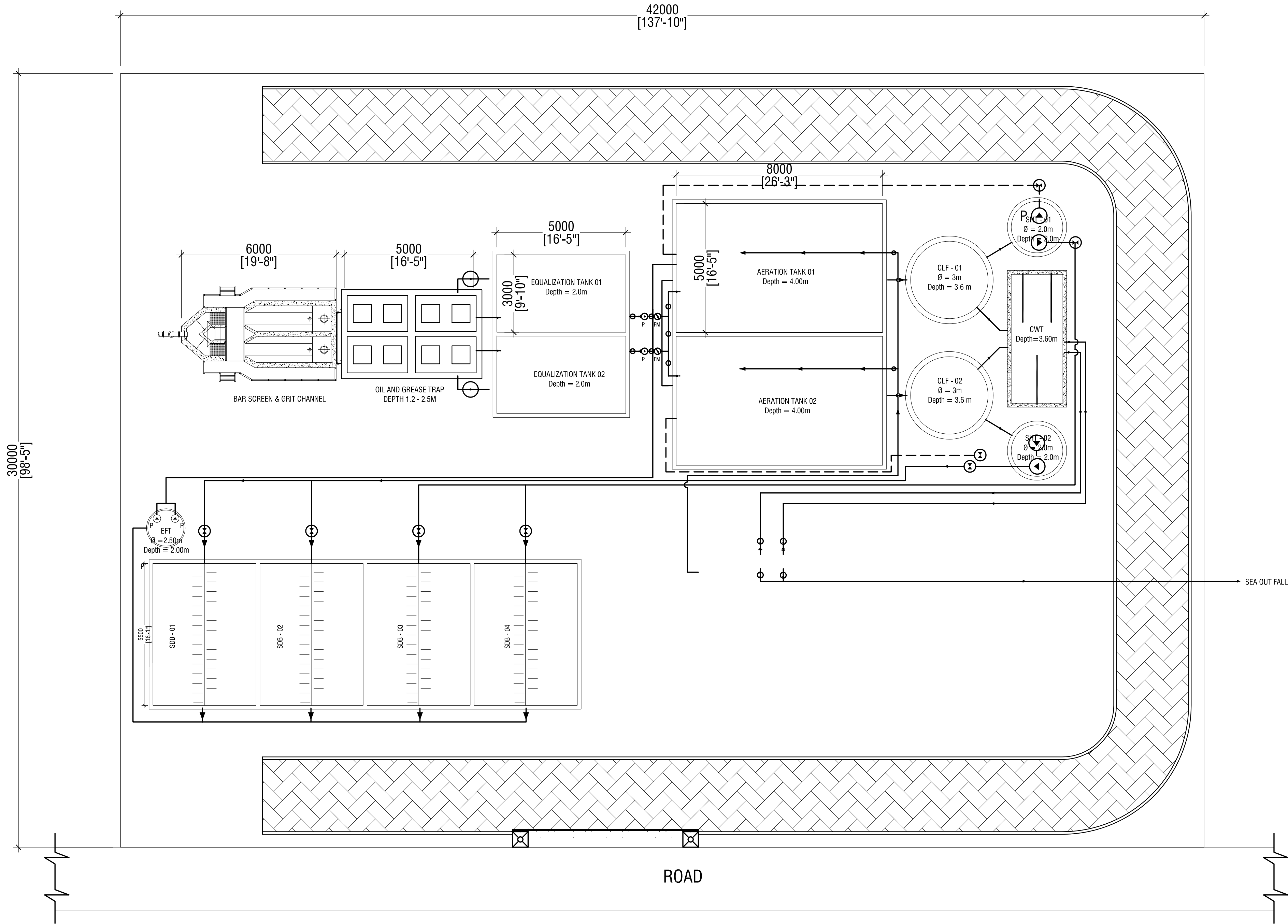
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Title: ADMIN BUILDING SERVICES
GROUND FLOOR FIRE AND
ACV LAYOUT
Page: V - 26

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GENERAL STP LAYOUT - VEYMANDOO
SCALE 1:100
0 0.5 1 2 3 4 5