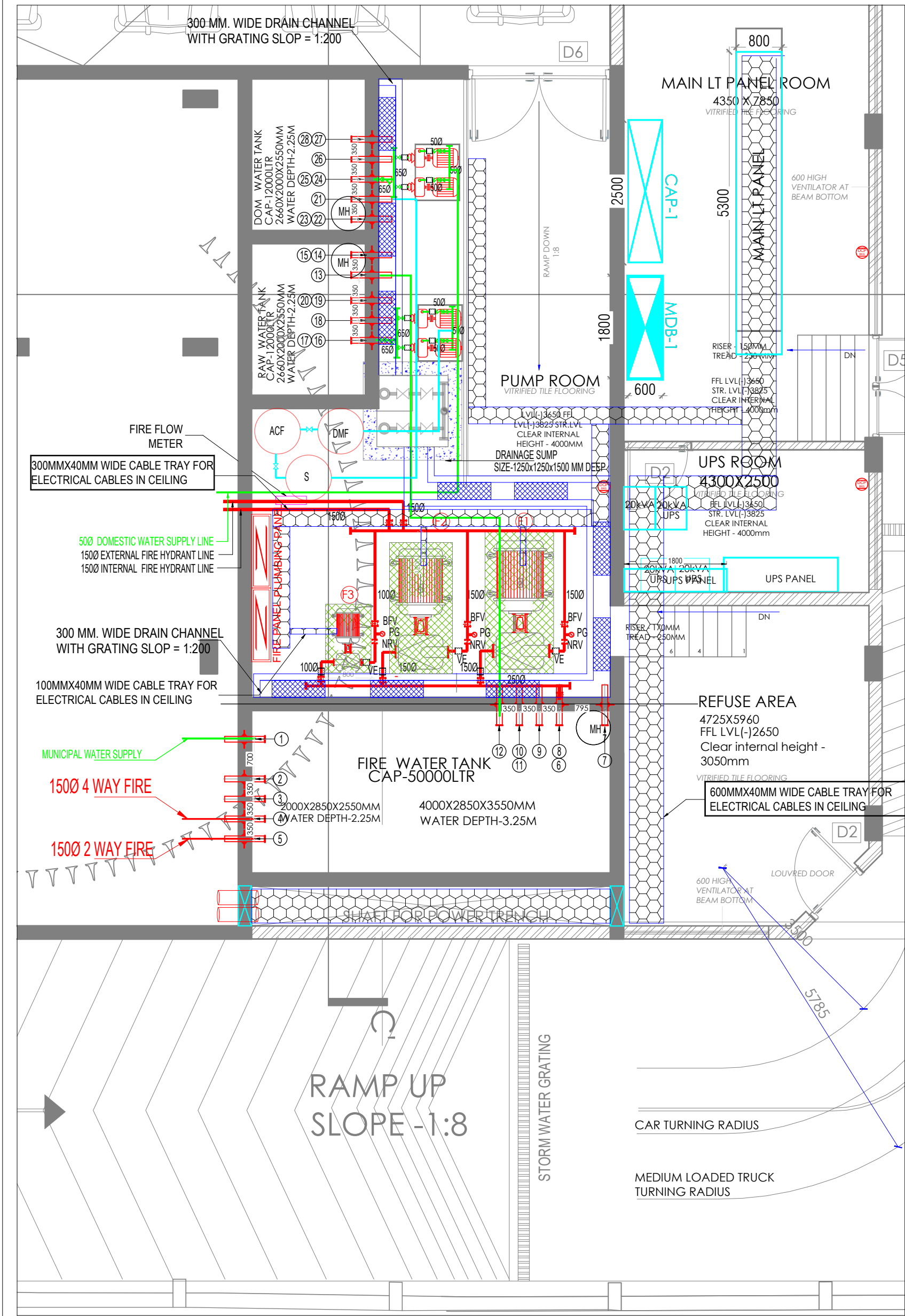
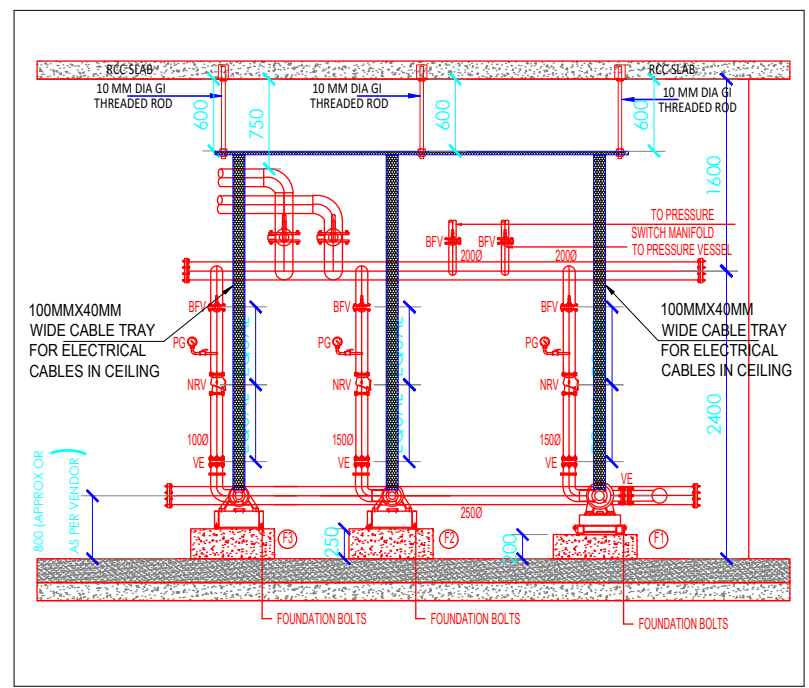


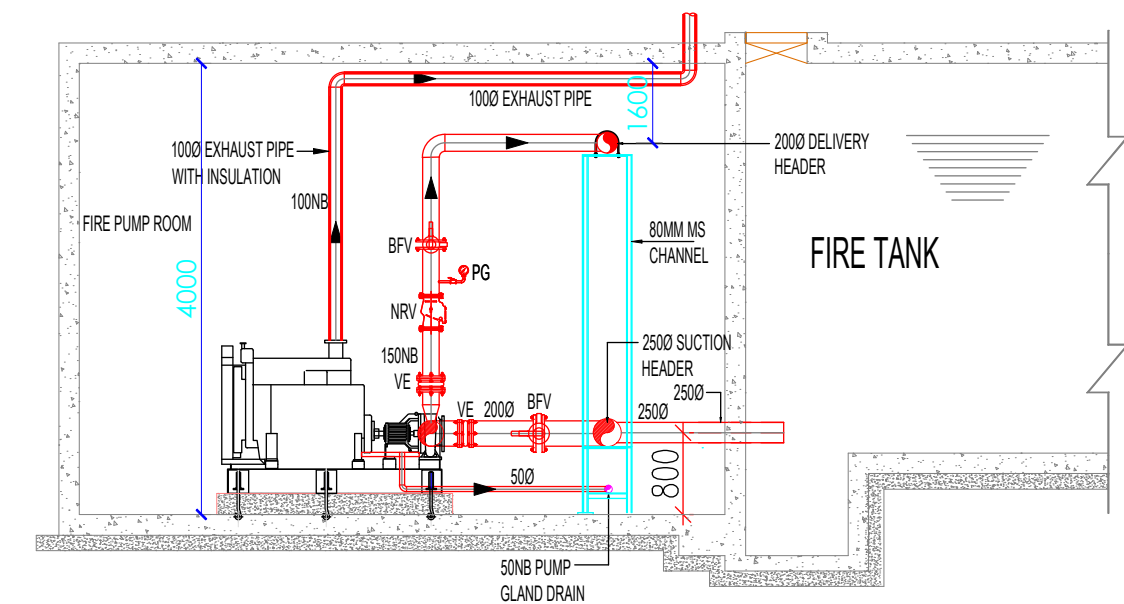


PUMP ROOM PLAN
1:150



TYPICAL HYDRANT & ELEVATION

SIZE OF PUMPS & EQUIPMENTS				
REF. NO.	DESCRIPTION	NOS.	CAPACITY	HEAD
1	F1 = DIESEL ENGINE PUMP	1	2280 LPM	70 mtrs.
2	F2 = FIRE PUMP	1	2280 LPM	70 mtrs.
3	F3 = JOCKEY PUMP	1	180 LPM	70 mtrs.
4	P1 = DOMESTIC WATER TRANSFER PUMPS	2	100 LPM	50 mtrs.
5	P2 = FILTER FEED PUMPS	2	100 LPM	35 mtrs.
6	P3 DRAINAGE SUMP	2	180 LPM	15 mtrs.
7	DMF = DUEL MEDIA FILTER	1	6000 LPH	----
8	ACF = ACTIVATE CARBAN FILTER	1	6000 LPH	----
9	S = SOFTENER	1	6000 LPH	----



DIESEL ENGINE PUMP ELEVATION

NOTES :

REFER TO SAS/SA/A(CH)7.35- PUMP ROOM DETAILS FOR SLEEVE HEIGHTS

NOTES :

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This drawing supercedes all previous drawings issued for the information contained in the drawing. All discrepancies shall be brought to the notice of the architects before execution of the work. Any modifications at site w/o prior written information to the Architect are the responsibility of the Owner.

CONSTRUCTION NOTES :

- The work shall be executed with proper safety guidelines.
- The Plumbing system shall be installed accordance to NBC-2016 Part-9 and relative Plumbing IS codes.
- The material shall be used according to tender specification
- Ensure pipes are sized correctly to meet the system flow & pressure requirement.
- Install shut-off valves and check valves as required.
- Ensure pipes are sloped correctly and vented to prevent siphoning and blockages. .

LEGENDS :

SYMBOL	DESCRIPTION
	BUTTERFLY VALVE
	NON RETURN VALVE
	BALL VALVE
	PRESSURE SWITCH
	PRESSURE GAUGE
	PRESSURE VESSEL
	CONTROL PANEL FOR FIRE PUMP
	VIBRATOR ELIMINATOR
	AIR RELEASE VALVE
	Y STRAINER

REVISION NOTES :

No.	DETAIL	DESCRIPTION

PROJECT:

SOUTH AFRICA HIGH COMMISSION

PROJECT OWNER/ DEVELOPER:

INTERNATIONAL RELATIONS & COOPERATION, REPUBLIC OF SOUTH AFRICA

ARCHITECT:

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CONSULTANT:

MEP CONSULTANTS:-
MULTIPLE SERVICES CONSULTANTS
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Ph. no. -8920225677/8920228058
mso@mso-mep.com

PURPOSE OF DWG:

☒	Issued for Tender
☐	Issued for Construction
☐	Issued for Review
☐	Issued for Information

DRAWING TITLE:

PUMP ROOM DETAIL LAYOUT

DISCIPLINE :	PLUMBING	16.10.25
DRAWING NO:	MSC/SA/PL-18	REV: