

LEGEND

(A)	FUEL STATION AHEAD AT 1KM & 500M		(E)	NO ENTRY	
(B)	FUEL STATION		(F)	FUEL STATION BOARD	
(C)	GIVEWAY		(G)	COMPULSORY DIRECTION CONTROL	
(D)	ONE WAY		(H)	NO RIGHT TURN	

1 X 20 KL HSD TANK WITH R.C.C. SLAB ON TOP (LORRY FED) (2.01 M DIA X 6.75M LONG) AS PER DRG NO.CO/9A APPD BY CCE VIDE LETTER REF. P/65/92 DT 24.01.2000 CONFORMING TO IS-10987:1992

1 X 20KL MS TANK WITH R.C.C. SLAB ON TOP (LORRY FED) (2.01 M DIA X 6.75M LONG) AS PER DRG NO.CO/9A APPD BY CCE VIDE LETTER REF. P/65/92 DT 24.01.2000 CONFORMING TO IS-10987:1992

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- Layout in complying with respect to the FRUGS & CRCE Guidelines
 - Emergency stop systems available at RO with two switches
 - Fill Hoses are as located, that the tank lorry under decantation is without operation
 - Green belt is shown and same will be provided / maintained
 - Facilities around plot in 100 m radius are shown clearly
 - RO operations will be suspended during tank lorry decantation operations as per norms.
- FACILITIES PLANNED:**
- MRD - 25X12 - 4 No's
 - HIGHWAY CANOPY (13X31M) , NAVY MONOLITH
 - SALES BLOCK NH TYPE : 3.0 X3.23M - 27.69 SQM
 - TANKS (20KL) FOR MS, 200KL FOR HSD WITH R.C.C. SLAB ON TOP, PRODUCT PIPELINE IN HOSE PIPELINE
 - FRONTAGE-35.00M

NAME OF PROJECT
PROPOSED RETAIL OUTLET AT S.NO.196/1-B OF VILL-TORXEM, TAL-PERNEM, DIST-NORTH GOA.

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPORATION LTD.

DRAWING NO. _____

DATE-25/02/2021

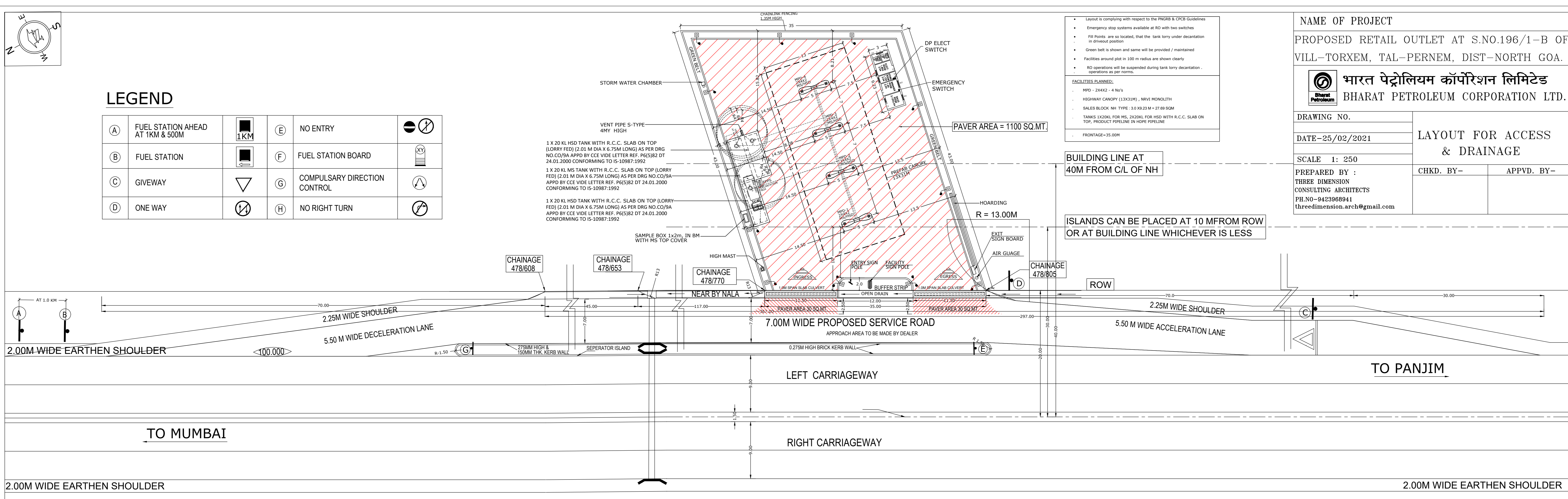
SCALE 1: 250

PREPARED BY : THREE DIMENSION CONSULTING ARCHITECTS
P/NO-9423968941
threedimension.arch@gmail.com

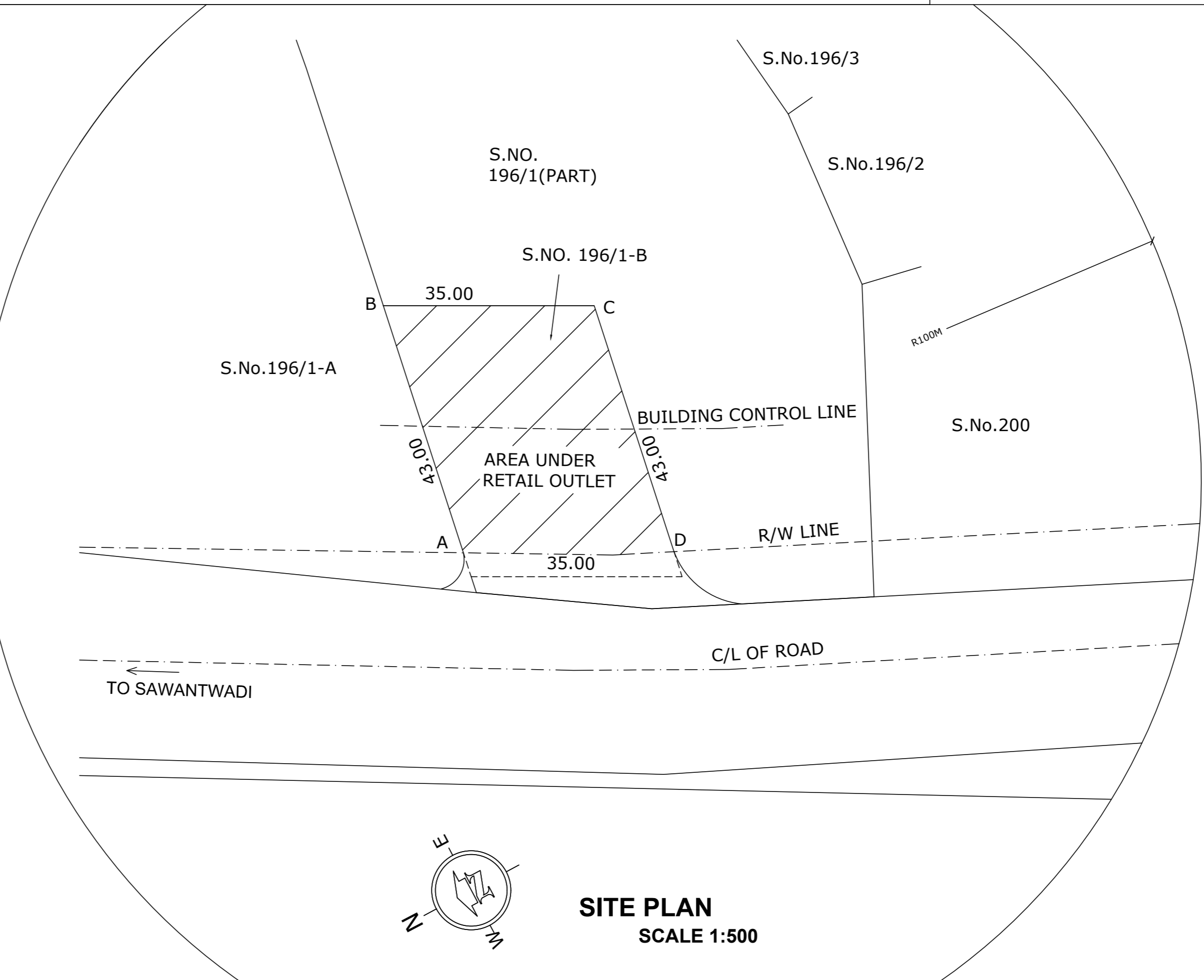
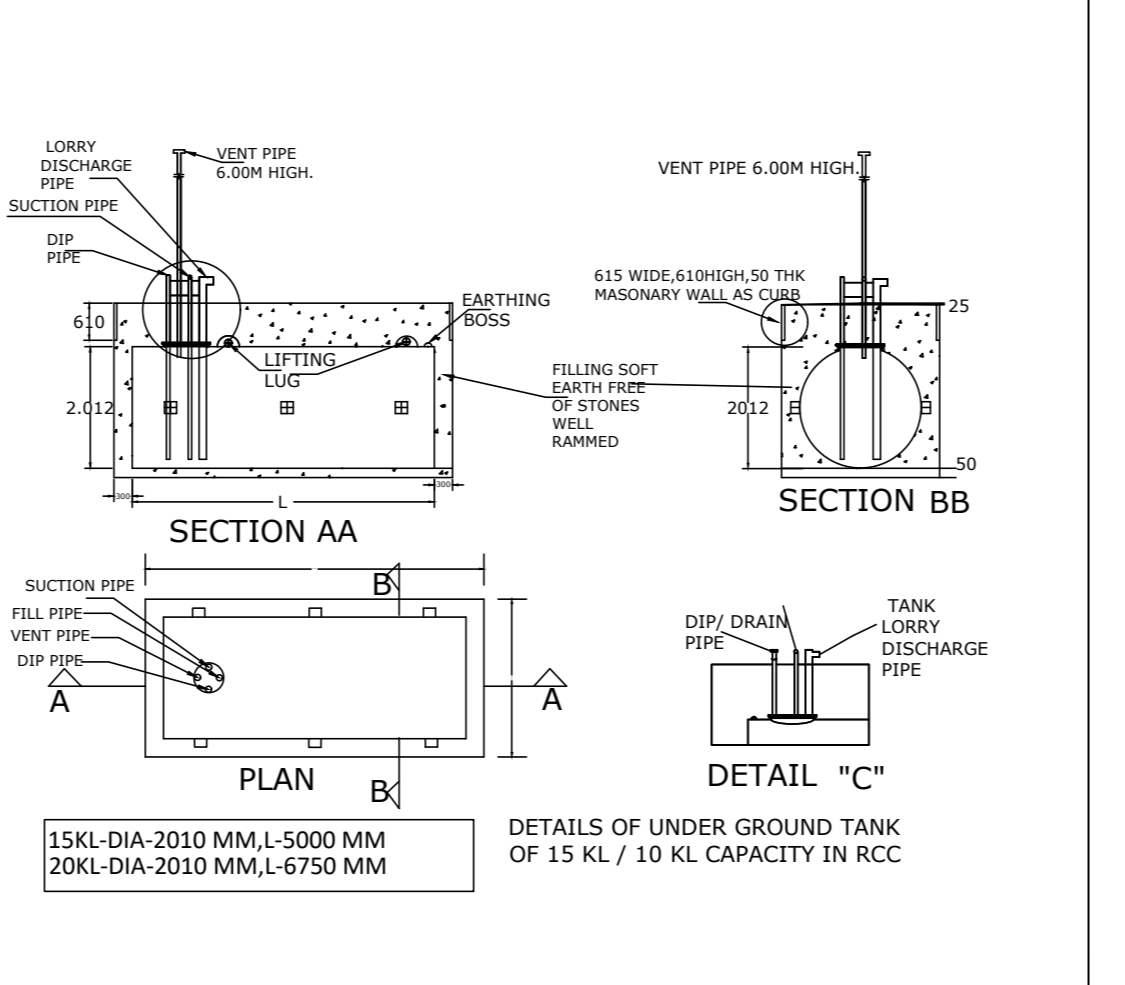
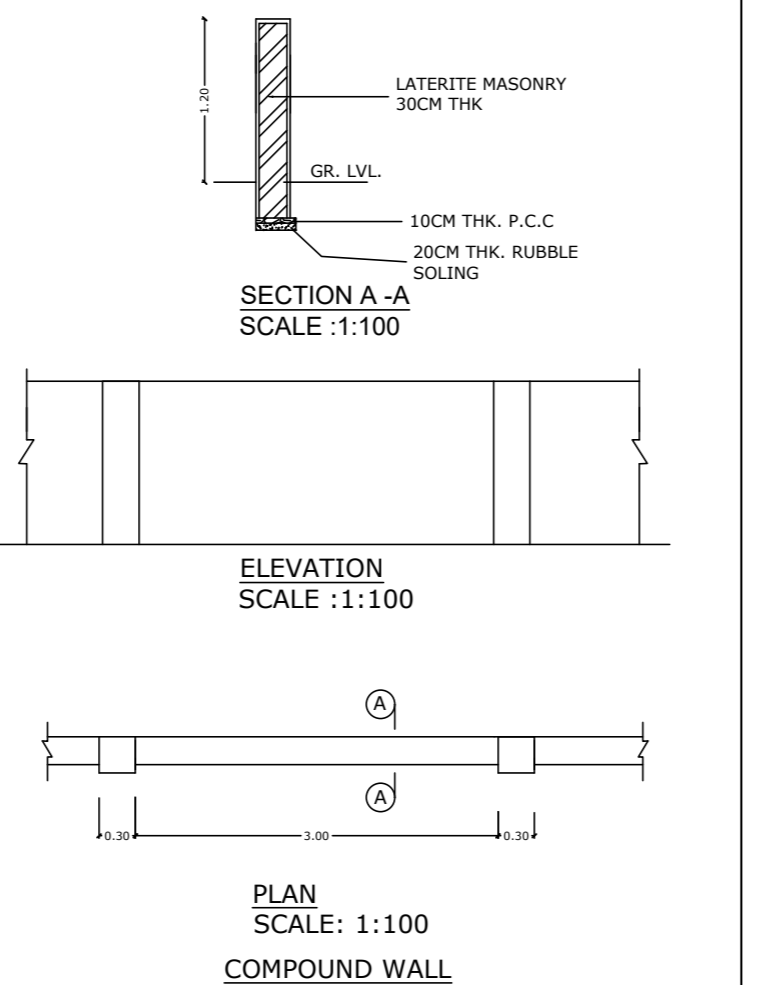
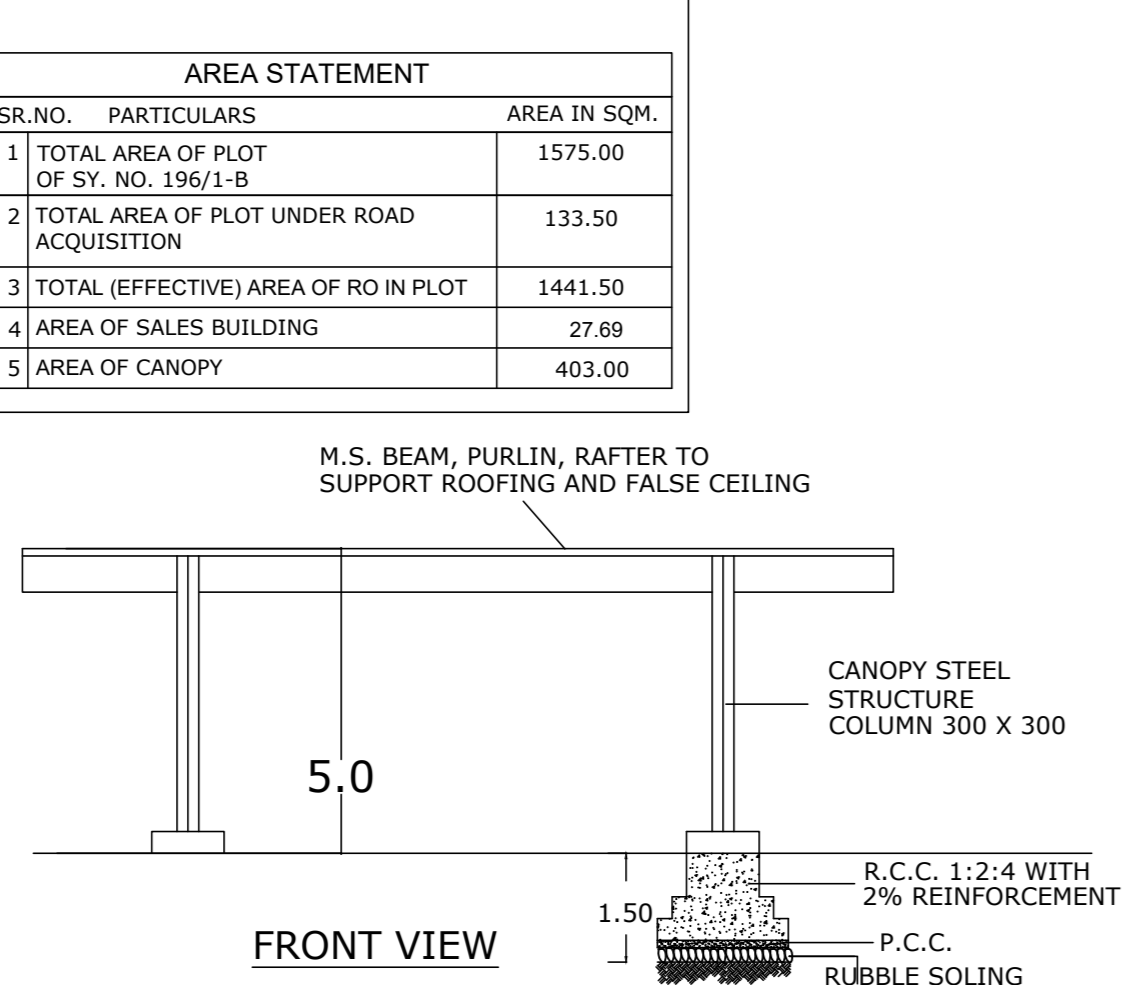
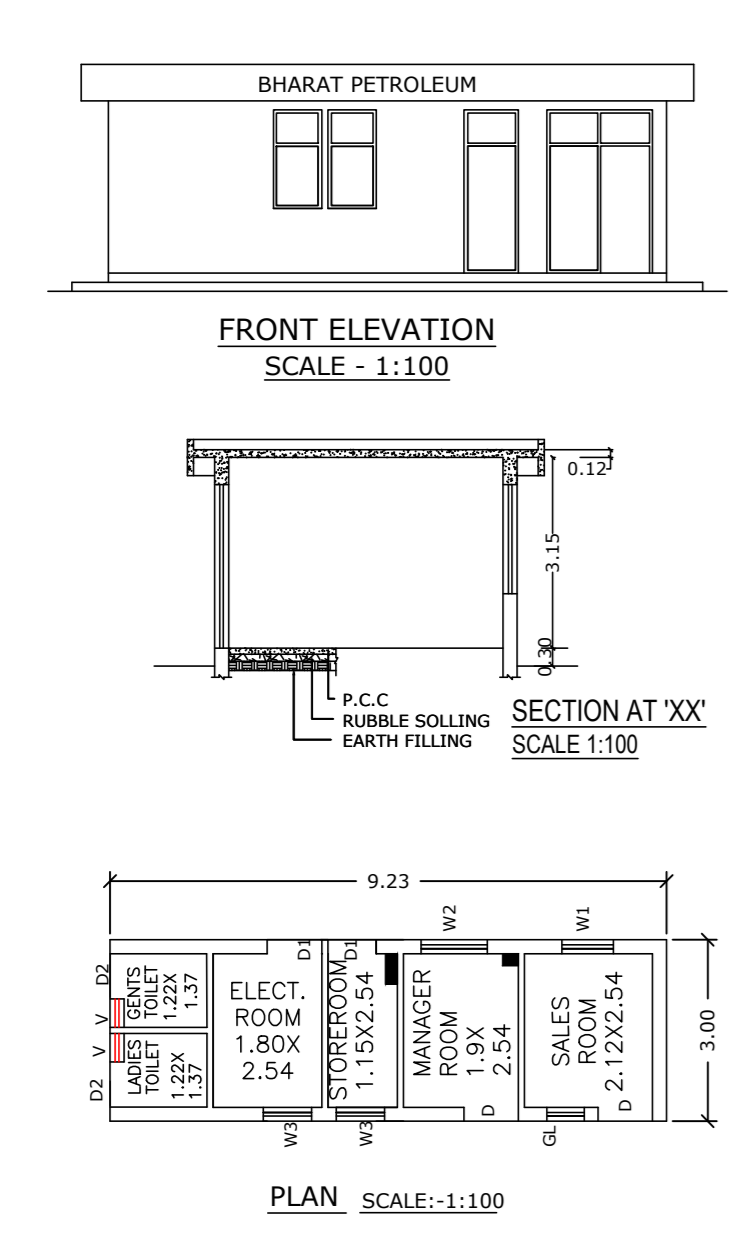
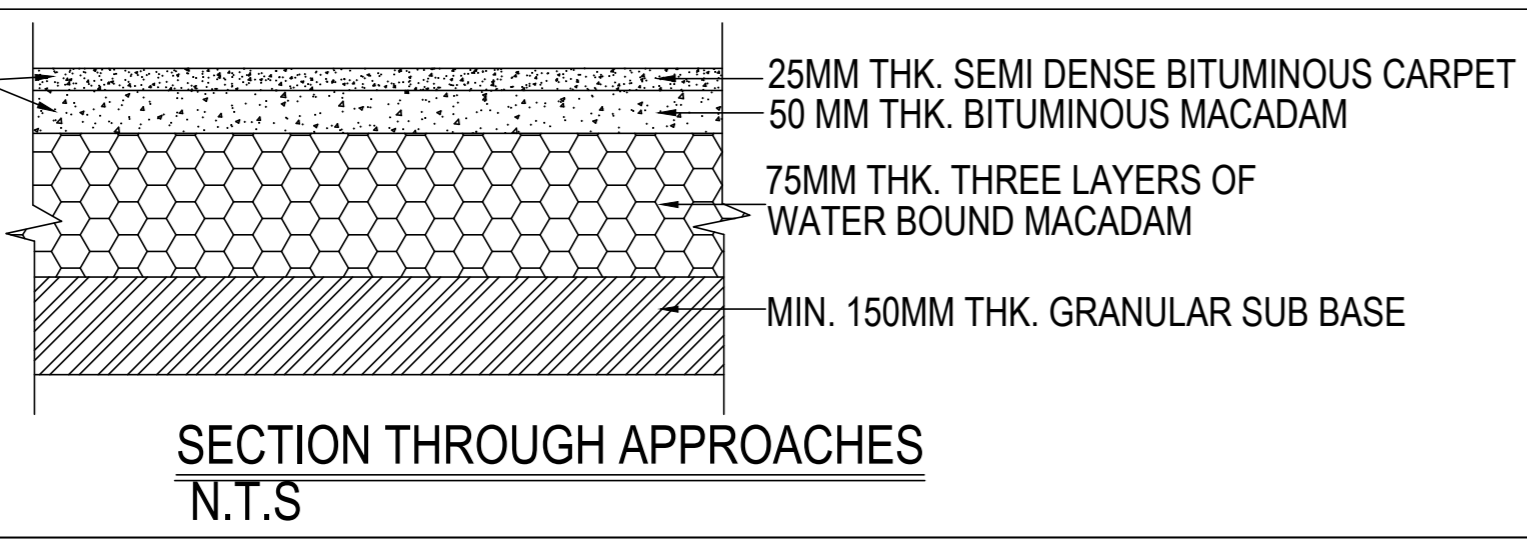
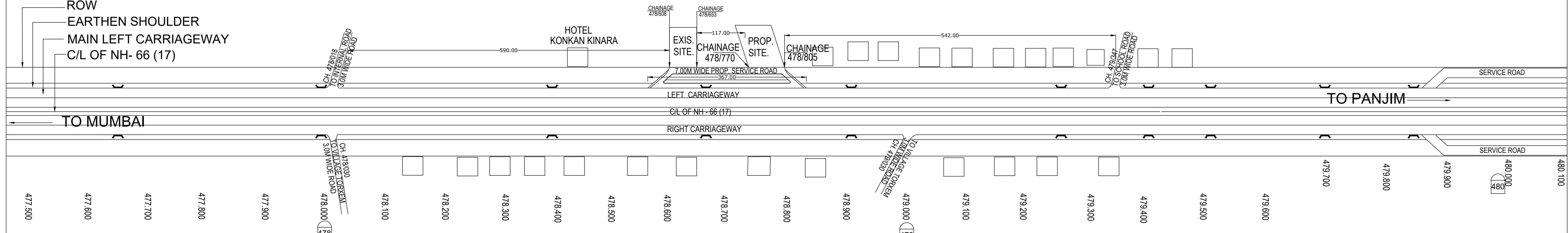
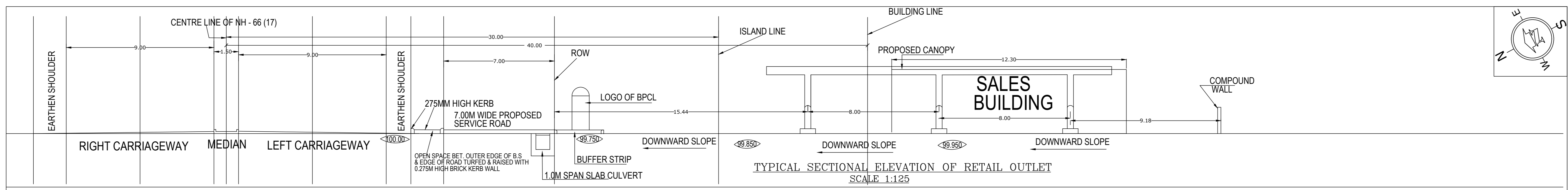
LAYOUT FOR ACCESS & DRAINAGE

CHKD. BY- _____

APPVD. BY- _____



- NOTES :**
- ALL DIMENSIONS IN MTS. UNLESS SPECIFIED.
 - 40 MM Ø VENT PIPE 4.5 MT HIGH 11.50 MT HIGH ABOVE ROOF (V.L.) AND 4 MT. AWAY FROM THE BOUNDARY OR ANY OTHER STRUCTURE SECURELY WITH OPEN ENDS CONED WITH TWO LAYERS OF NON-CORROSIVE METAL GAUGE 11 MESHES/CM.
 - ALL ELECTRICAL FITTINGS CONFORM B.S.S. SPECIFICATIONS.
 - SIGN OF "NO SMOKING" SHALL BE DISPLAYED AT "SIGNS".
 - FIRE BUCKET FILLED WITH DRY SAND (12Nos.), DRY-CHEMICAL POWDER FIRE EXTINGUISHERS OF 10 KG. CAPACITY 2Nos SHALL BE PROVIDED.
 - TANK INSTALLATION AS PER DETAILED DRG FOR 20 KL STORAGE TANK RECEIVED FROM C.C.O.E. NAGPUR. DULY APPROVAL WIDE THEIR LETTER NO.P/65/92.DT. 7.8.2001.
 - ALL DISPENSING UNIT SHALL CONFORM TO I.S.2148 WITH FLAME PROOF CONF. TO B.S.S.229.
 - TANK INSTALLATION AS PER DRAWING INCORPORATED CONFORMING TO IS 10987:1992. CODE OF PRACTICE. FOR DESIGN/FABRICATION/TESTING & INSTALLATION OF UNDERGROUND/ABOVE GROUND HORIZONTAL CYLINDRICAL STORAGE TANKS FOR PETROLEUM PRODUCT.
 - MATERIAL SPECIFICATIONS FOR METALLIC PIPING & FITTINGS SHALL CONFORM TO IS-1978 OR EQUIVALENT.
 - CANOPY DESIGN SHALL CONFORM TO IS: 875.815-1893
 - ALL ELECTRICAL EQUIPMENT SHALL BE AS PER IS: 8572 IN LINE HAZARDOUS AREA CLASSIFICATION.
 - SUCTION PIPE UNDER THE DRIVE WAY SHALL BE INSERTED THROUGH SLEEVE PIPE.
 - STORAGE TANK SHALL ONLY BE FILLED BY TANK LORRY.
 - 1.20 M HIGH MASONRY WALL SHALL BE PROVIDED ON ALL 4 SIDES OF THE PLOT.



CERTIFICATES

- NO PART OF HIGHWAY TO BE USED FOR THE PURPOSE OTHER THAN VEHICULAR TRAFFIC FOR MESSHO PURPOSE
- NO DRAIN/SEWER/STRUCTURE WITHIN 4M AROUND THE UNDERGROUND TANK.
- NO OVERHEAD ELECTRIC LINE PASSING OVER THE SITE.
- CONFORMS ALL IRC STANDARDS

COOE APPROVAL NOS.

EQUIPMENT & NAME	APPROVAL NO.
STP - VR	R(1) 1368/May/1236 DTD. 30.08.95
STP - FE PETRO	R(1) 1360/DLPHIN/3848 DTD. 13.02.07
CANOPY	P/39224/V/07 DTD. 13.11.87

DETAILS OF PIPELINES

- SUCTION LINE : 50 MM DIA MS SEAMLESS PIPE
- FILL PIPE : 80 MM DIA 'C' CLASS MS PIPE
- VENT PIPE : 40 MM DIA 'C' CLASS MS PIPE

SCHEDULE OF TANKS :-

TANK NO.	SIZE	CAPACITY
TK 1	2.01M DIA X 6.75M LONG	20 KL
TK 2	2.01M DIA X 6.75M LONG	20 KL
TK 3	2.01M DIA X 6.75M LONG	20 KL

L OF AB = 43.00M
L OF BC = 35.00M
L OF CD = 43.00M
L OF DA = 35.00M

SURVEY NO. : 196/1-B
VILLAGE : TORXEM
TALUKA : PERNEM
DISTRICT : NORTH GOA
RAILWAY STATION: PERNEM
POLICE STATION : PERNEM
FIRE STATION : PERNEM

EXPL. LIC. NO.

भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड
BHARAT PETROLEUM CORPN. LTD.

SUBJECT - EXPLOSIVES APPROVAL.
MS / HSD RETAIL OUTLET ON 196/1-B AT TORXEM, TAL. PERNEM

TAL. : PERNEM **DIST. : NORTH GOA**

SCALE 1:200 **DRAWN: SUVRAT BHODE** **BY: MGR (ENG)**

DATE :25-11-2020 **ARCHITECT**