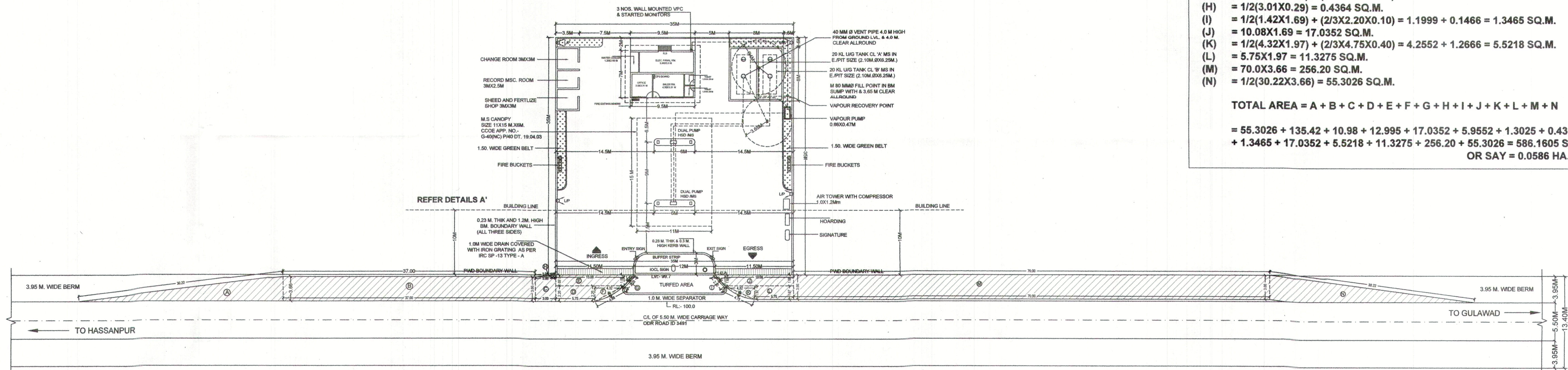
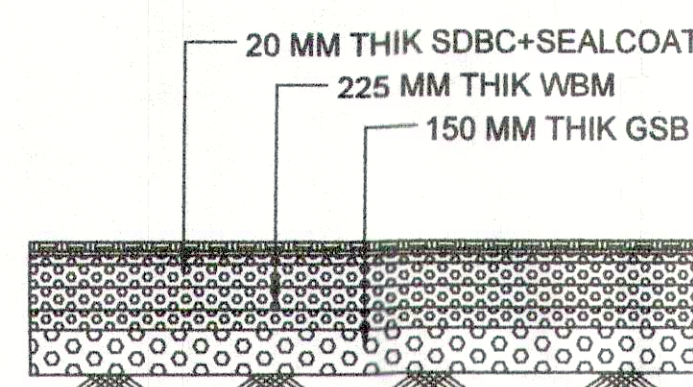
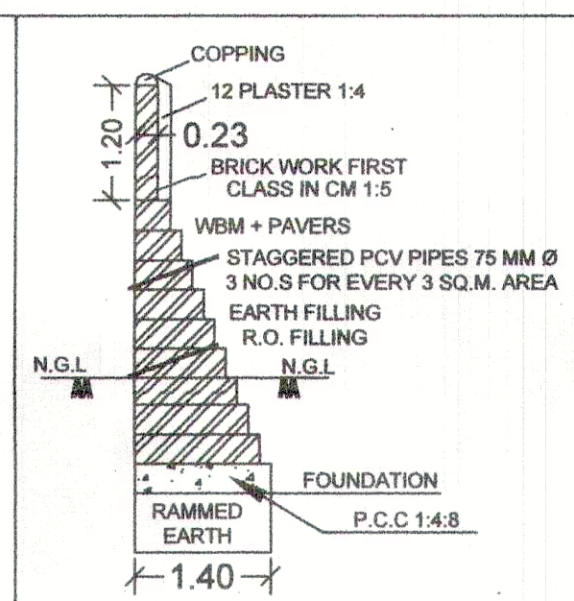




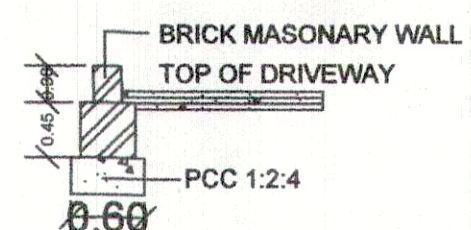
LAYOUT PLAN



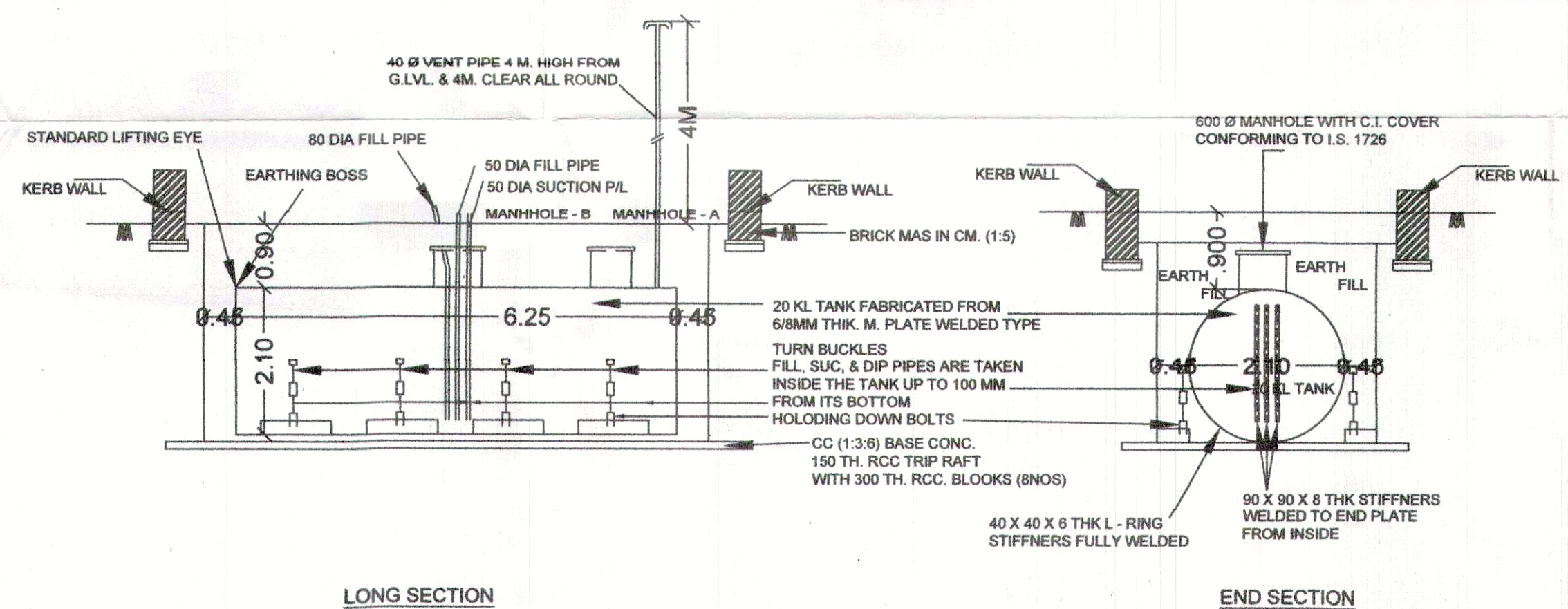
TYPICAL SECTION ON ACCESS ROAD



X-X SECTION OF B.M. BOUNDARY WALL



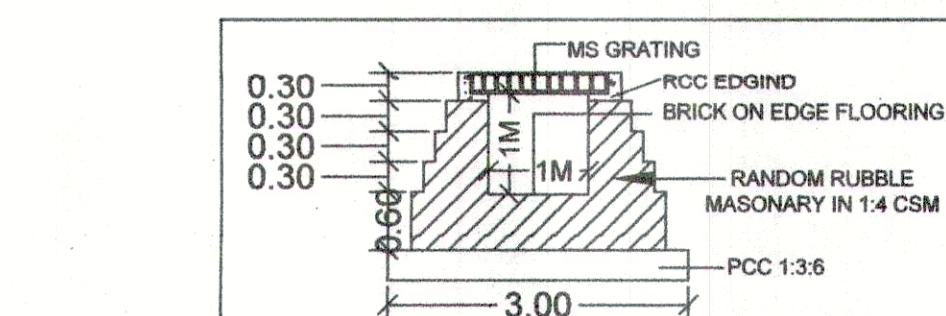
X - X SECTION OF KERB WALL



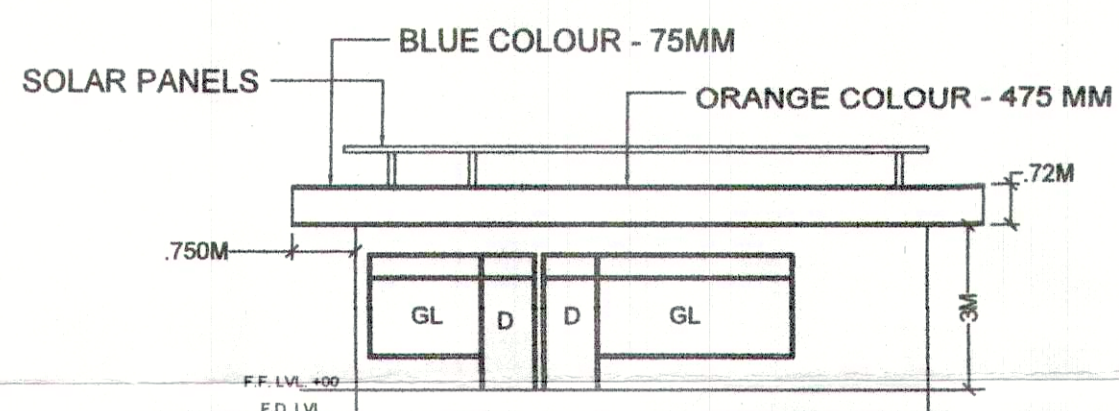
LONG SECTION

END SECTION

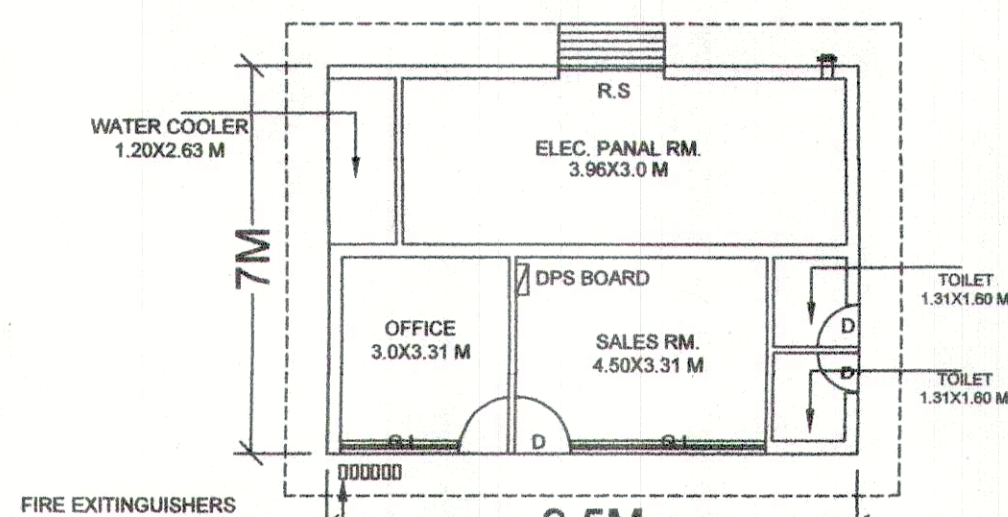
DETAIL OF INSTALLATION OF 20 KL UNDERGROUND TANK IN EARTH PIT (SIZE 2.1M. Ø X 6.25M. LONG



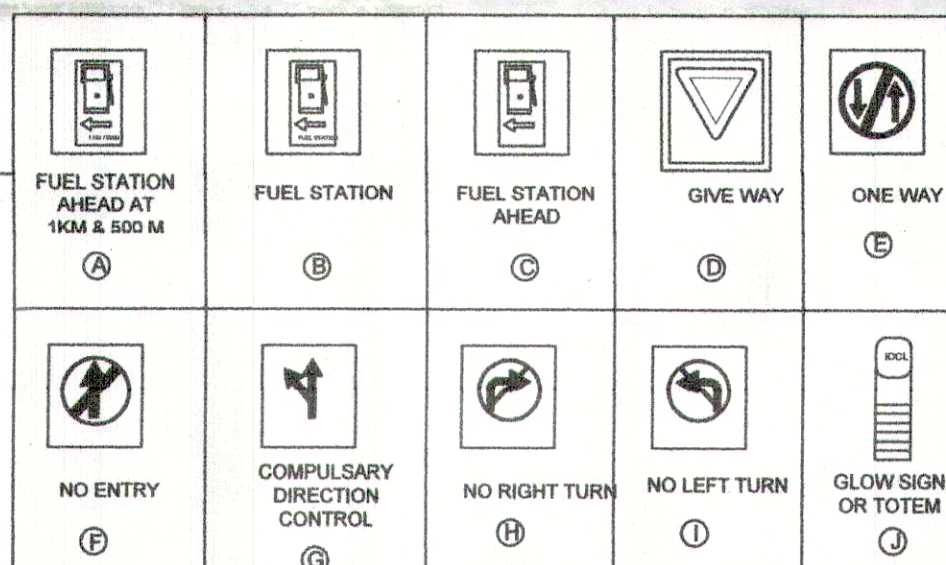
X-X SECTION OF DRAIN PER IRC



BUILDING FRONT ELEVATION



BUILDING PLAN



TANK DATA CHART

TANK NO.	SIZE OF TANK	TANK & PUMP
1X20 KL	2.1 X 6.25 M. LONG	HSD
1X20 KL	2.1 X 6.25 M. LONG	MS

CONST. DETAIL OF U/G TANK

CAPACITY	(L)	(D)	(PL1)
15KL	5.0M	2.010MØ	6MM
20KL	6.75M	2.012MØ	6MM

SCHEDULE OF TANK AND PUMP

PRODUCT	CAPACITY	NO. OF TANK	PUMP NO. OF NOZLES
MS	15KL	1NO	4NOS
HSD	20KL	1NO	4NOS

AREA STATEMENT:-

TOTAL AREA OF PLOT = 1225.50 SQ.M.
PROPOSED COVD, AREA OF BUILDING = 66.50 SQ.M.

SITE INFORMATION:-

VILLAGE	GULAWAD
ROAD	ODR
KILLA NO.	19/2
KHEWAT NO./KHATAUNI NO.	706 / 756
MUSTIL NO.	85
TEHSIL	HODAL
DISTRICT	PALWAL
STATE	HARYANA
NEAR POLICE STATION	HASSANPUR
NEAR RAILWAY STATION	HODAL

AREA FOR DIVERSION OF FOREST LAND

- (A) = $1/2(30.22 \times 3.66) = 55.3026 \text{ SQ.M.}$
 (B) = $37.0 \times 3.66 = 135.42 \text{ SQ.M.}$
 (C) = $3.0 \times 3.66 = 10.98 \text{ SQ.M.}$
 (D) = $5.75 \times 2.26 = 12.995 \text{ SQ.M.}$
 (E) = $10.08 \times 1.69 = 17.0352 \text{ SQ.M.}$
 (F) = $1/2(4.32 \times 2.26) + (2/3 \times 4.88 \times 0.33) = 4.8816 + 1.0736 = 5.9552 \text{ SQ.M.}$
 (G) = $1/2(1.42 \times 1.69) + (2/3 \times 2.20 \times 0.07) = 1.1999 + 0.1026 = 1.3025 \text{ SQ.M.}$
 (H) = $1/2(3.01 \times 0.29) = 0.4364 \text{ SQ.M.}$
 (I) = $1/2(1.42 \times 1.69) + (2/3 \times 2.20 \times 0.10) = 1.1999 + 0.1466 = 1.3465 \text{ SQ.M.}$
 (J) = $10.08 \times 1.69 = 17.0352 \text{ SQ.M.}$
 (K) = $1/2(4.32 \times 1.97) + (2/3 \times 4.75 \times 0.40) = 4.2552 + 1.2666 = 5.5218 \text{ SQ.M.}$
 (L) = $5.75 \times 1.97 = 11.3275 \text{ SQ.M.}$
 (M) = $70.0 \times 3.66 = 256.20 \text{ SQ.M.}$
 (N) = $1/2(30.22 \times 3.66) = 55.3026 \text{ SQ.M.}$

TOTAL AREA = A + B + C + D + E + F + G + H + I + J + K + L + M + N

= $55.3026 + 135.42 + 10.98 + 12.995 + 17.0352 + 5.9552 + 1.3025 + 0.4364 + 1.3465 + 17.0352 + 5.5218 + 11.3275 + 256.20 + 55.3026 = 586.1605 \text{ SQ.M.}$
 OR SAY = 0.0586 HA.

- V= VENT PIPES 4 M HIGH & 4.0 M CLEAR AROUND END COVERED WITH 2 LAYERS OF BRASS WIRE GAUGE 11 MESH PER LINEAR CENTIMETER.
- F= FILL POINTS FITTED WITH CAM LOCK COUPLE IN & AIR TIGHT THREADED BRASS CAP FOR DECANTING FROM TANK LORRY.
- D= DIP PIPES WITH CAP ASSEMBLY.
- ALL ELECTRICAL FITTINGS ARE FLAME PROOF CONFORMING TO IS 2148.
- ALL DOORS OF BUILDING TO BE OPENED OUTWARDLY.
- NO SEWER OR SURFACE DRAIN WITHIN 6M OF THE U/G TANKS & DU.
- PREMISES TO BE USED FOR ONLY STORAGE OF PETROLEUM PRODUCTS.
- TANKS ARE PAINTED WITH TWO LAYERS OF HOT BITUMEN OVER TWO COATS OF RED LEAD PRIMER TO PROTECT AGAINST CORROSION.
- FABRICATION DESIGN OF UNDER GROUND STORAGE TANK ARE CONFORMING TO IS -10887:1992 AS PER C.O.E NAGPUR ORDER NO. G-40(SO)P/MISC-94 DATED 24.02.99.
- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE NOTED.
- S.B-SAND BUCKET 10 NOS AS PER EXPLOSIVE RULES.
- F-FIRE EXTINGUISHER-10 NOS AS PER EXPLOSIVES.
- TANKS GIVES HYDROULIC PRESSURE TEST PRIOR TO INSTALLATION AND BEFORE ANY PROTECTIVE COATING AS APPLIED. THE TEST SHOULD BE MENTIONED AT A CONTROLLED PRESSURE OF 0.38 KG/SQ.C.M FOR 2 HOURS.
- DIP ROD SUPPLIED WITH THE TANK FOR THIS TYPE OF INSTALLATION SHOULD BE 3280 MM LONG INSTEAD OF STANDARD 2350 MM.
- FABRICATION THICKNESS OF SHELL PLATES AND END PLATE OF TANKS:
20 KL SHELL-6MM
END-8MM
- TANKS CONFORMS TO 124,125 & 131 OF THE PETROLEUM RULE-2002.
- ALL LIGHT POLES ARE FITTED AS PER APPROVAL OF C.C. NAGPUR VIDE LETTER NO. PL-III(MB) DATED 28.11.1993.
- NATURAL DOWN SLOPE FROM THE EDGE OF METALLED ROAD TO CULVERT ON APPROACHES WILL BE MAINTAINED FREE FLOW OF WATER TOWARDS DRAIN.
- SITE MEETS APPLICABLE IRC 1983 NORMS WITH LATEST AMENDMENTS.
- EV= EXTENDED VENT POINTS.
- F= EXTENDED FILL POINTS.
- THE PROPOSED SITE IS FREE FROM ANY TYPE OF LITIGATION AND NO CASE IS PENDING IN ANY COURT OF LAW.
- NO ELECTRIC LINE PASSING OVER THE R.O PREMISES.

DATE	REV.NO.	BRIEF DESCRIPTION OR REVISIONS MADE	CHECKED
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Indian Oil Corporation Limited
(Marketing Division)
Gurgaon Divisional Office,

SUBJECT:- LAYOUT PLAN FOR DIVERSION OF FOREST LAND

PROPOSED RETAIL OUTLET AT VILLAGE- GULAWAD ON GULAWAD TO HASSANPUR ROAD, TEHSIL - HODAL, DISTT. PALWAL (HARYANA)

DRAWN BY.	SANDEEP	SCALE	1:200
CHECKED BY.	KUMAR	DRAWING NO.	RWR / GULAWAD /01
DATED	26.11.2021		

PREPARED BY. APPROVED BY.

Akshay
अभिनय कपूर / Abhinay Kapoor
प्रबन्धक (रि.सं.) करीबनगर-11, सेला रोड
Manager (RS), Faridabad-11, Sales Area
इंजीनियरिंग कॉन्सल्टेंट्स
INDIAN OIL CORPORATION LIMITED
गुर्गाँव नगर कार्यालय / Gurgaon Divisional Office

Dr. Conservator of Forests
PALWAL

M/S
MS ASSOCIATES
Architecture / Planner / Designer
Mob. 8950078320