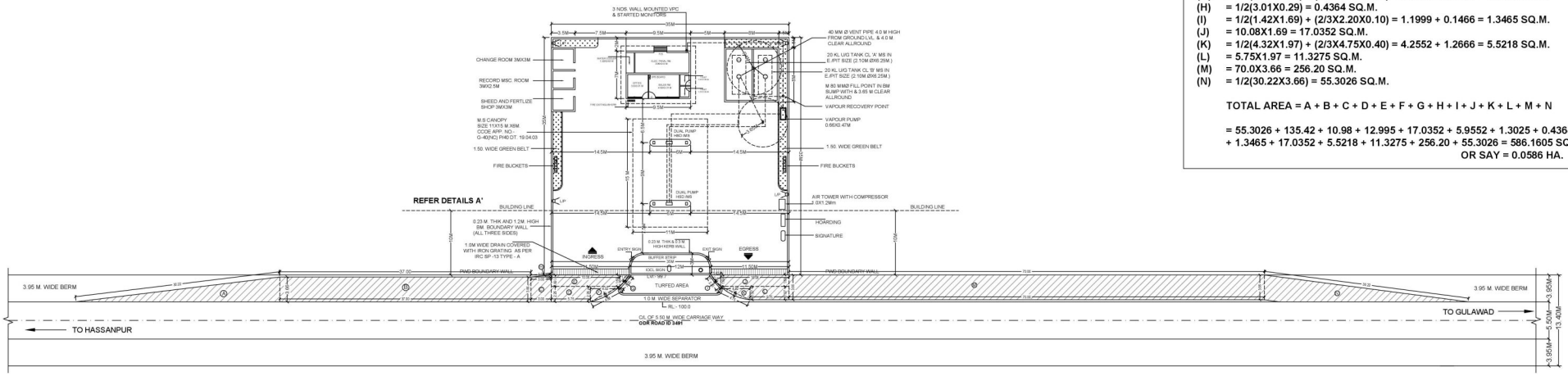
AREA FOR DIVERSION OF FOREST LAND

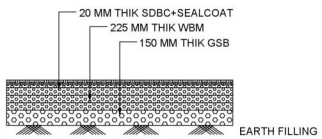
(A) = 1/2(30.22X3.66) = 55.3026 SQ.M.
(B) = 37.0X3.66 = 135.42 SQ.M.
(C) = 3.0X3.66 = 10.98 SQ.M.
(D) = 5.75X2.26 = 12.995 SQ.M.
(E) = 10.08X1.69 = 17.0352 SQ.M.
(F) = 1/2(4.32X2.26) + (2/3X4.88X0.33) = 4.8816 + 1.0736 = 5.9552 SQ.M.
(G) = 1/2(1.42X1.69) + (2/3X2.20X0.07) = 1.1999 + 0.1026 = 1.3025 SQ.M.
(H) = 1/2(3.01X0.29) = 0.4364 SQ.M.
(I) = 1/2(1.42X1.69) + (2/3X2.20X0.10) = 1.1999 + 0.1466 = 1.3465 SQ.M.
(J) = 10.08X1.69 = 17.0352 SQ.M.
(K) = 1/2(4.32X1.97) + (2/3X4.75X0.40) = 4.2552 + 1.2666 = 5.5218 SQ.M.
(L) = 5.75X1.97 = 11.3275 SQ.M.
(M) = 70.0X3.66 = 256.20 SQ.M.
(N) = 1/2(30.22X3.66) = 55.3026 SQ.M.

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

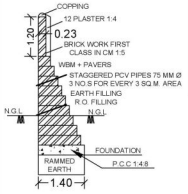
= 55.3026 + 135.42 + 10.98 + 12.995 + 17.0352 + 5.9552 + 1.3025 + 0.4364 + 1.3465 + 17.0352 + 5.5218 + 11.3275 + 256.20 + 55.3026 = 586.1605 SQ.M.
OR SAY = 0.0586 HA.



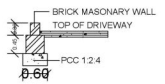
LAYOUT PLAN



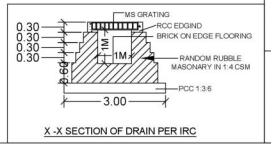
TYPICAL SECTION ON ACCESS ROAD



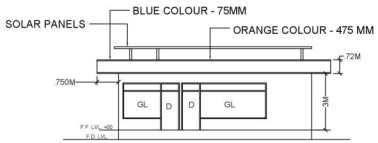
X-X SECTION OF B.M. BOUNDARY WALL



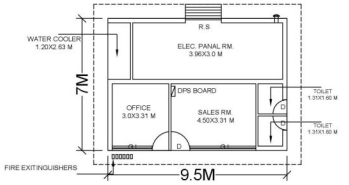
X - X SECTION OF KERB WALL



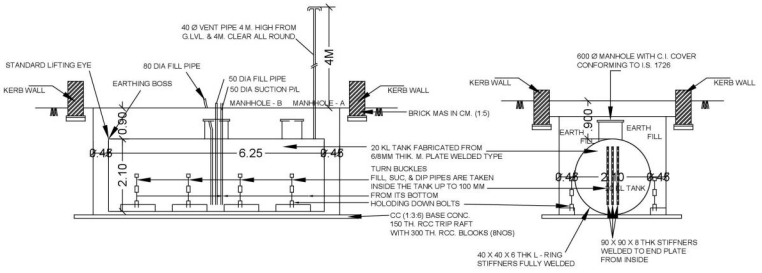
X -X SECTION OF DRAIN PER IRC



BUILDING FRONT ELEVATION



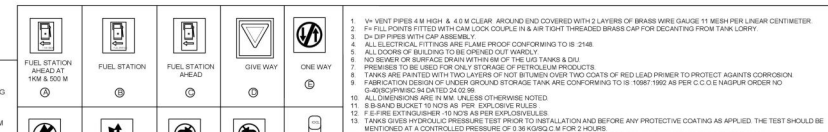
BUILDING PLAN



LONG SECTION

END SECTION

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



1. 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.
2. F= FILL POINTS FITTED WITH CAM LOCK COUPLE IN & AIR TIGHT THREADED BRASS CAP FOR DECANTING FROM TANK LORRY.
3. D= DIP PIPES WITH CAP ASSEMBLY.
4. ALL ELECTRICAL FITTINGS ARE FLAME PROOF CONFORMING TO IS :2148.
5. ALL DOORS OF BUILDING TO BE OPENED OUT WARDLY.
6. NO SEWER OR SURFACE DRAIN WITHIN 6M OF THE U/G TANKS & D/U.
7. PREMISES TO BE USED FOR ONLY STORAGE OF PETROLEUM PRODUCTS.
8. TANKS ARE PAINTED WITH TWO LAYERS OF NOT BITUMEN OVER TWO COATS OF RED LEAD PRIMER TO PROTECT AGAINTS CORROSION.
9. FABRICATION DESIGN OF UNDER GROUND STORAGE TANK ARE CONFORMING TO IS :10987:1992 AS PER C.C.O.E NAGPUR ORDER NO G-40(BC)/P/MISC 94 DATED 24.02.99
10. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE NOTED.
11. S B-SAND BUCKET 10 NO'S AS PER EXPLOSIVE RULES.
12. F E-FIRE EXTINGUISHER -10 NO'S AS PER EXPLOSIVELLES.
13. 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 0.36 KG/SQ.C.M FOR 2 HOURS.
14. DIP ROD SUPPLIED WITH THE TANK FOR THIS TYPE OF INSTALLATION SHOULD BE 3280 MM LONG INSTEAD OF STANDARD 2350 MM.
15. FABRICATION THICKNESS OF SHELL PLATES AND END PLATE OF TANKS:
    20 KL SHELL-6MM
    END-8MM
16. TANKS CONFORMS TO 124,125 &131 OF THE PETROLEUM RULE-2002.
17. ALL LIGHT POLES ARE FITTED AS PER APPROVAL OF C.C. NAGPUR VIDE LETTER NO. PL-II(MB) DATED 26.11.1963.
18. NATURAL DOWN SLOPE FROM THE EDGE OF METALLED ROAD TO CULVERT ON APPROACHES WILL BE MAINTAINED FREE FLOW OF WATER TOWARDS DRAIN.
19. SITE MEETS APPLICABLE IRC 1983 NORMS WITH LATEST AMENDMENTS.
20. EV= EXTENDED VENT POINTS.
    F= EXTENDED FILL POINTS.
21. THE PROPOSED SITE IS FREE FROM ANY TYPE OF LITIGATION AND NO CASE IS PENDING IN ANY COURT OF LAW.
22. NO ELECTRIC LINE PASSING OVER THE R.O PREMISES.

TANK DATA CHART

TANK NO.	SIZE OF TANK	TANK & PUMP	
		MS	HSD
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 NOZZLES
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

DATE	REV.NO.	BRIEF DESCRIPTION OR REVISIONS MADE	CHECKED

IndianOil

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.

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

APPROVED BY.

इन्द्रजीत सिंह बहल/Inderjeet Singh Bahl
वृत्त प्रबंधक (रि.वि.)/Sr. Manager (R.S.)
इण्डियन ऑयल कारपोरेशन लिमिटेड,
INDIAN OIL CORPORATION LIMITED
मुख्य प्रबंधक कार्यालय / Gurgaon Divisional Office
83, राजीवगांधी नगर, सेक्टर-12, गुरुग्राम-122015
83, Rajiv Gandhi Nagar, Sector-12, Gurgaon-122015