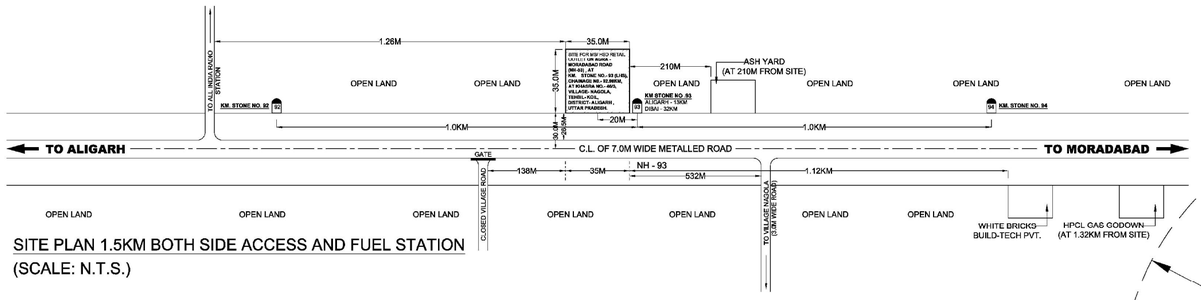
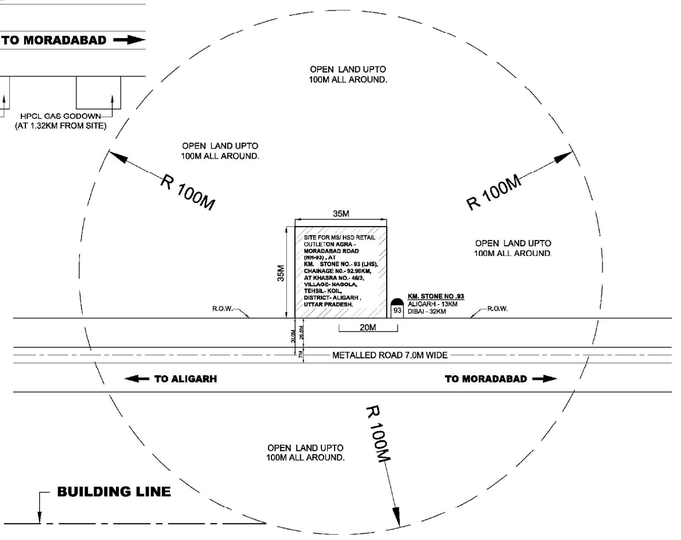
NATIONAL HIGHWAYS NOTES:-

1. DRAWING PREPARED AS PER MORT&H GUIDELINES (LETTER NO. RW/NH-33023/19/99-DO-III DATED 24-07-2013).
2. ALL PAVEMENT MARKINGS SHOULD BE AS PER IRC:35-1997
3. ACCESS ROAD SHOULD HAVE MIN. PAVEMENT COMPOSITION OF 150MM GSB WBM CR I, II, III OF 75MM EACH 50MM BM & 20MM SDC.
4. ALL TRAFFIC SIGNS SHOULD BE AS PER IRC: 67- 2001 &IRC SP:55-2001 IN CASE OF A FUEL STATION LOCATED ON THE OTHER SIDE OF TRAVEL DIRECTION THE USER SHOULD BE INFORMAD OF THE LOCATION OF THE FUEL STATION IN HIS/HER DIRECTION OF TRAVEL THROUGH INFORMATION SIGN AS AT "C" OF THE TABLE OF THIS DRAWING .
5. THE LENGTH OF SEPARATOR ISLAND SHALL BE DETERMINED AS PER SITE CONDITION ITS MIN. WIDTH SHOULD BE 3.0M.
6. CULVERTS TO BE PROVIDED IN THE LINE OF STROM WATER DRAIN ON ENTRY & EXIT APPROACHES TO CATER TO THE EXPECTED DISCHARGE.



SITE PLAN 1.5KM BOTH SIDE ACCESS AND FUEL STATION
(SCALE: N.T.S.)

SITE PLAN (SCALE- 1:750)



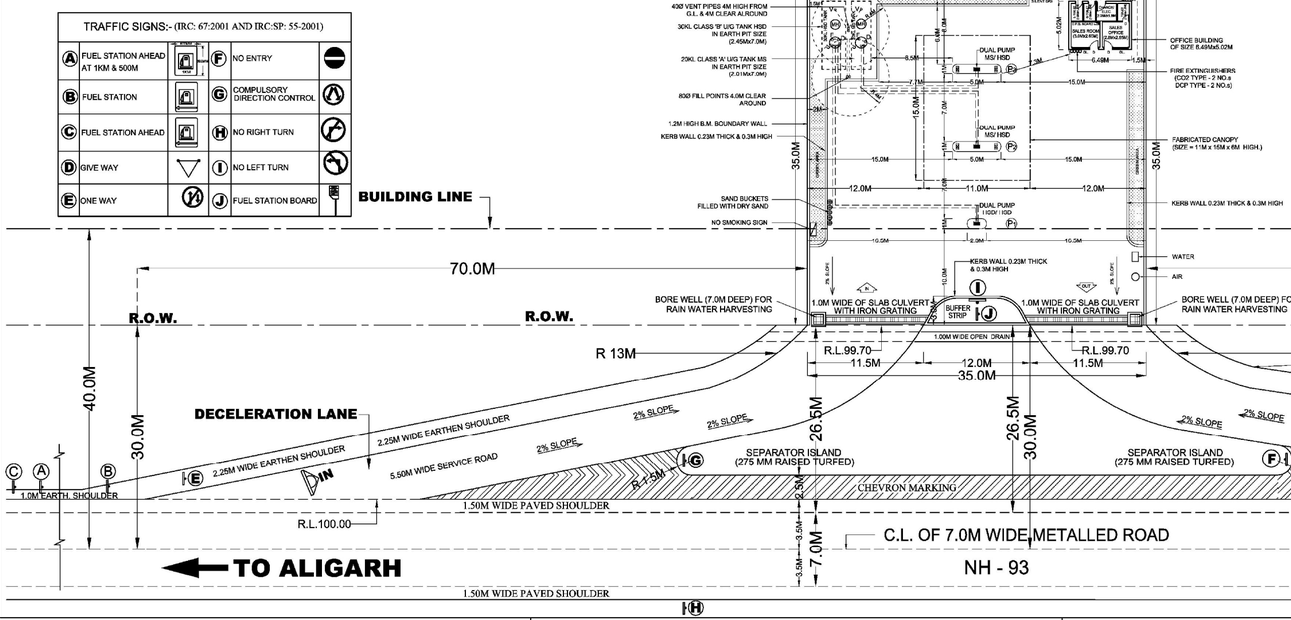
NOTES:-

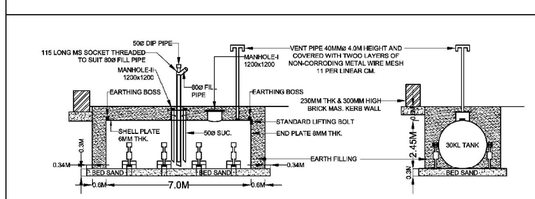
1. THE VENT PIPES OF THE TANKS ARE 4 MTS ABOVE THE GROUND AND THEIR ENDS ARE COVERED 2 LAYERS OF BRASS WIRE GAUGE 11 MESH PER MINEAR CENTIMETER.
2. FILL POINTS OF TANKS ARE PROVIDED WITH CAM LOCK COUPLINGS AND ARE PROVIDED WITH AIR TIGHT THREADED BRASS CAPS.
3. ALL ELECTRICAL FITTINGS PROVIDED ARE FLAME PROOF CONFORMING TO IS :2148.
4. ALL THE DOORS AND WINDOWS OF THE BUILDINGS ARE PROVIDED TO OPEN OUTWARDS.
5. DIP PIPE OF THE TANKS ARE PROVIDED WITH CAP ASSEMBLY.
6. NO SEWER OR SURFACE DRAINS ARE WITHIN 8.0 MTS OF UNDER GROUND TANKS AND D/Us.
7. THE PERMISES TO BE USED ONLY FOR STORAGE OF PETROLEUM PRODUCTS.
8. TANKS ARE PAINTED WITH 2 COATS OF BITUMINOUS PAINT OVER 2 COATS OF RED OXIDE PRIMER TO PROTECT CORROSION.
9. FEBRICATION DESIGN OF U/G STORAGE TANKS ARE CONFORMING TO IS:10987:(1996) AS PER C.C.O.E. NAGPUR APPROVAL REF. P-(C)(3)1 DT 04/05/2006.
10. SAND BUCKETS AND FIRE EXTINGUISHERS ARE PROVIDED AS PER PETROLEUM NORMS.
11. TANK TESTING HAS BEEN DONE BY PROVIDING CONTROLLED PRESSURE OF 0.35 KG/SCM FOR 2 HOURS.
12. DIP RODS PROVIDED ARE 3280 MM LONG.
13. THICKNESS OF SHELL AND END PLATES OF THE 20 KL TANKS ARE -(SHELL - 6MM) [ENDS - 8MM].
14. TANKS CONFORMS TO CLAUSE 124.125 & 131 OF THE PETROLEUM RULE-2002.
15. ALL LIGHT POLES FITTED AS PER APPROVAL OF CCE NAGPUR VIDE LETTER NO. PL-II(MB) DATED: 26.11.2003 ADEQUATE ARRANGEMENTS HAVE BEEN MADE FOR PROPER LIGHT AT THE PREMISES.
16. NATURAL DOWN SLOPE FROM EDGE OF THE METALLED ROAD TO CULVERT ON APPROACHES ARE MAINTAINED FOR FREE FLOW OF WATER TOWARDS DRAINS.
17. SITE MEETS APPLICABLE IRC 2009 NORMS WITH LATEST AMMENDMENTS.
18. THE PROPOSED SITE IS FREE FROM ANY TYPE OF LITIGATION AND NO COURT CASE IS PENDING IN ANY COURT OF LAW.
19. NO HIGH TENSION LINE PASSES THROUGH THE PREMISES.
20. TANKS ARE FED BY TANK LORRY ONLY.
21. ALL ELETRIC FITTINGS OF E/O DISPENSING UNITS CONFIRMS TO IS:2148.
22. TANK CAPACITY OF 20KL = 3.14X(2.1/2)X(2.1/2)X9.25X1000=31636 LTS. LESS AIR CAPACITY = 1636 LTS. ACTUAL PRODUCT STORAGE CAPACITY = 2000 LTS.
23. THE CONSTRUCTION OF RETAIL OUTLET AS PER IRC APPROVAL No. 12/83 AND IRC RECOMMOMENDATION ARE BEING FOLLOWED.

FUEL STATION LAY OUT PLAN
DETAILS OF BUFFER STRIP, FUEL PUMP, OFFICE, KIOSK LUBRITORUIM, AIR AND WATER SUPPLY, DECELERATION, ACCELERATION LANES, TRAFFIC SIGNS & CHEVRON MARKING.
SCALE - 1:300

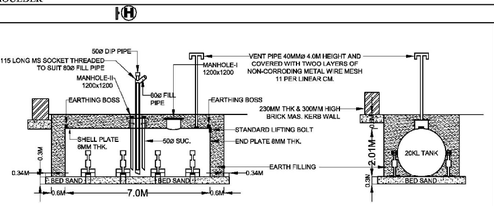
TRAFFIC SIGNS:- (IRC: 67:2001 AND IRC:SP: 55-2001)

A	FUEL STATION AHEAD AT 1KM & 500M		F	NO ENTRY	
B	FUEL STATION		G	COMPULSORY DIRECTION CONTROL	
C	FUEL STATION AHEAD		H	NO RIGHT TURN	
D	GIVE WAY		I	NO LEFT TURN	
E	ONE WAY		J	FUEL STATION BOARD	

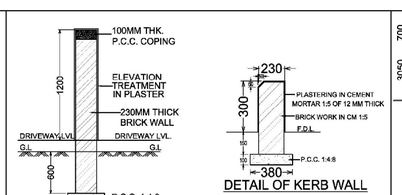




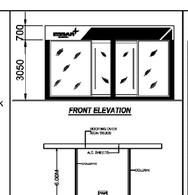
LONGITUDINAL SECTION OF 30KL U/G TANK — CROSS SECTION

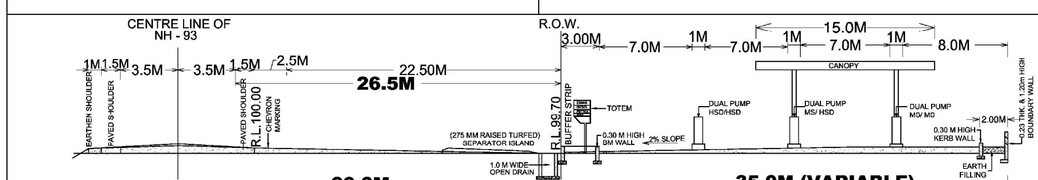


LONGITUDINAL SECTION OF 20KL U/G TANK — CROSS SECTION

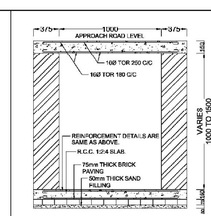


BOUNDARY WALL DETAIL — DETAIL OF KERB WALL

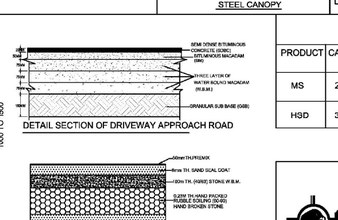




SECTIONAL ELEVATION WITH RESPECT TO NH - 93
SCALE:- 1:200



CROSS SECTION OF CULVERT
DESIGN AS PER IRC: SP-13 (TYPE - A)



TANK CHART

PRODUCT	CAPAITY	LENGHT (L)	DIA (D)	NO.(S)	TYPE OF TANK
MS	20 KL	7.0M	2.01M	1	EARTH PIT
HSD	30 KL	7.0M	2.45M	1	EARTH PIT

SITE INFORMATION

PLOT NO.TARAZI NO.? KHASRA NO./GATA NO.	46 / 3
LOCATION	NAGOLA
TEHSIL	KOIL
POST	JAWAN
POLICE STATION	JAWAN
RAILWAY STATION	ALIGARH
DISTRICT	ALIGARH
STATE	UTTAR PRADESH
ROAD WIDTH	7.0M
BETWEEN KM STONE NO.	92KM - 93KM STONE (LHS)
NATIONAL HIGHWAY NO.	NH - 93

S.NO.	DATED	BRIEF RECORD
1.		FOR SUBMISSION
REVISIONS		

Yours faithfully,
(M.K. Agrawal)
Project Director

ESSAR ENERGY — Essar Oil Limited

SUBJECT	LAYOUT, SITE PLAN & SECTIONAL ELEVATION OF PROPOSED MS & HSD RETAIL OUTLET.
LOCATION	ON AGRA - MORADABAD ROAD (NH-93) , AT KM. STONE NO.- 93 (LHS), CHAINAGE N0.- 92.96KM, AT KHASRA NO.- 46/3, VILLAGE- NAGOLA, TEHSIL- KOIL, DISTRICT- ALIGARH , UTTAR PRADESH.

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REGISTRATION NO. :	UP - W - 1716
EXPLOSIVE LICENCE NO.	

CHECKED BY | APPROVED BY

SCALE:-AS SHOWN | DATE:-MAR. 2015 | DRG. NO. CR-28/ESS-03/2015