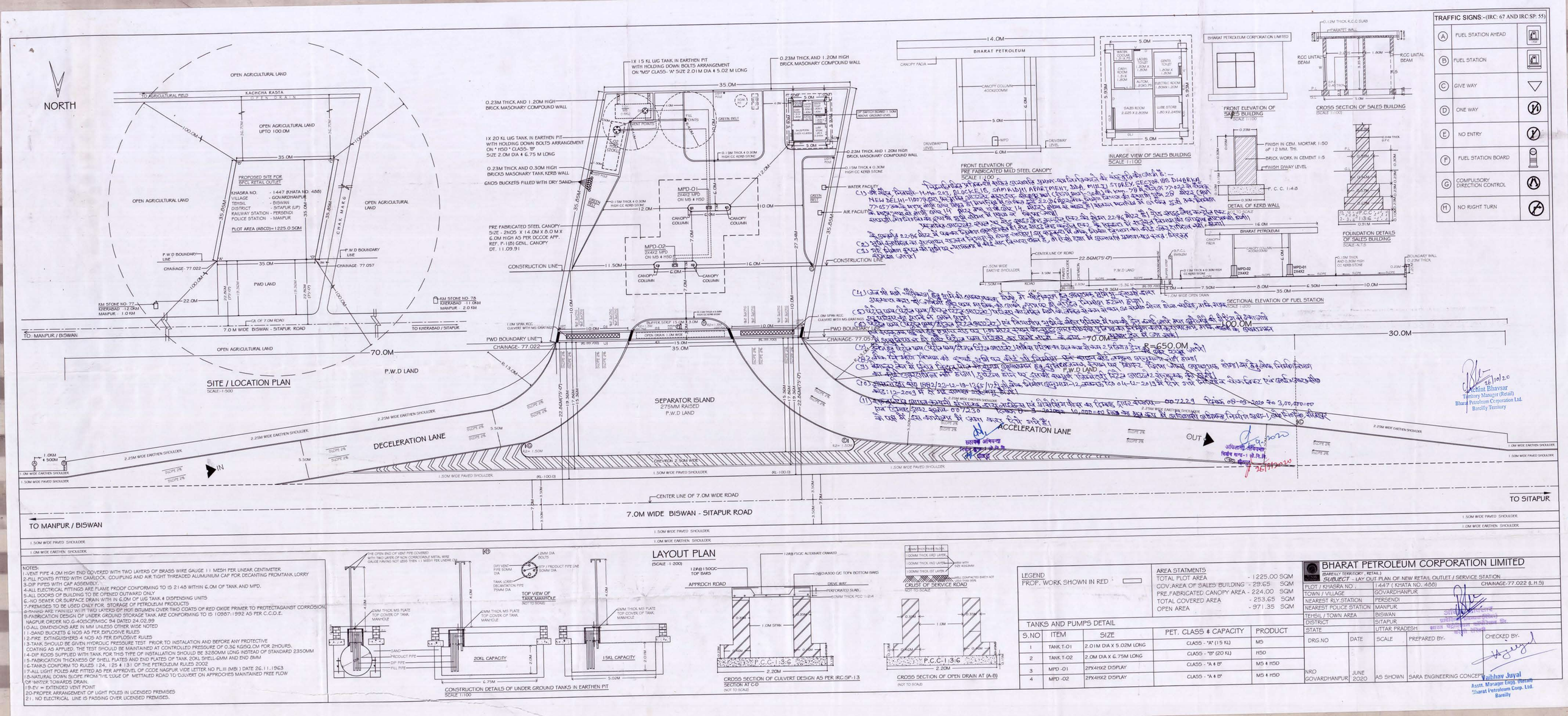
NORTH
OPEN AGRICULTURAL LAND
KACHCHA RASTA
OPEN DRAIN
OPEN AGRICULTURAL LAND UPTO 100.0M
PROPOSED SITE FOR BPCL RETAIL OUTLET
KHASRA NO. - 1447 (KHATA NO. 488)
VILLAGE - GOVARDHANPUR
TEHSIL - BISWAN
DISTRICT - SITAPUR (UP)
RAILWAY STATION - PERSENDI
POLICE STATION - MANPUR
PLOT AREA (ABCD)=1225.0 SQM
P.W.D BOUNDARY LINE
CHAINAGE- 77.022
CHAINAGE- 77.057
P.W.D LAND
KM STONE NO.-77 KHERABAD -12.0KM MANPUR - 1.0 KM
KM STONE NO.-78 KHERABAD -11.0KM MANPUR - 2.0 KM
CL OF 7.0M ROAD
7.0 M WIDE BISWAN - SITAPUR ROAD
TO MANPUR / BISWAN
TO KHERABAD / SITAPUR
SITE / LOCATION PLAN
SCALE-1:500
1X 15 KL UG TANK IN EARTHEN PIT WITH HOLDING DOWN BOLTS ARRANGEMENT ON "M5" CLASS- "A" 5/2E 2.01M DIA & 5.02 M LONG
1X 20 KL UG TANK IN EARTHEN PIT WITH HOLDING DOWN BOLTS ARRANGEMENT ON " H50 " CLASS- "B" 5/2E 2.0M DIA & 6.75 M LONG
0.23M THICK AND 1.20M HIGH BRICK MASONARY COMPOUND WALL
0.23M THICK AND 0.30M HIGH BRICKS MASONARY TANK KERB WALL
GN05 BUCKETS FILLED WITH DRY SAND
PRE FABRICATED STEEL CANOPY 5/2E - 2NOS X 14.0M X 8.0 M X 6.0M HIGH AS PER DCCOE APP. REF. P-1(B) GENL. CANOPY DT. 11.09.91
MPD-01 2X4X2 MPD ON M5 & H50
MPD-02 2X4X2 MPD ON M5 & H50
CANOPY COLUMN
CONSTRUCTION LINE
0.15M THICK & 0.30M HIGH CC KERB STONE
GREEN BELT
WATER FACILITY
AIR FACILITY
TP SWITCH BOARD 1.50M ABOVE GROUND LEVEL
SEPARATOR ISLAND 275MM RAISED
P.W.D LAND
DECELERATION LANE
ACCELERATION LANE
IN
OUT
2.25M WIDE EARTHEN SHOULDER
1.50M WIDE PAVED SHOULDER
1.0M WIDE EARTHEN SHOULDER
CENTER LINE OF 7.0M WIDE ROAD
7.0M WIDE BISWAN - SITAPUR ROAD
TO SITAPUR
R=650.0M
100.0M
30.0M
70.0M
35.0M
BHARAT PETROLEUM
FRONT ELEVATION OF PRE FABRICATED MILD STEEL CANOPY
SCALE 1:100
INLARGE VIEW OF SALES BUILDING
SCALE 1:100
FRONT ELEVATION OF SALES BUILDING
SCALE 1:100
CROSS SECTION OF SALES BUILDING
SCALE 1:100
DETAIL OF KERB WALL
FOUNDATION DETAILS OF SALES BUILDING
SCALE N.T.S
SECTIONAL ELEVATION OF FUEL STATION
SCALE 1:200
TRAFFIC SIGNS:-(IRC: 67 AND IRC:SP: 55)
(A) FUEL STATION AHEAD
(B) FUEL STATION
(C) GIVE WAY
(D) ONE WAY
(E) NO ENTRY
(F) FUEL STATION BOARD
(G) COMPULSORY DIRECTION CONTROL
(H) NO RIGHT TURN
Achint Bhavsar
Territory Manager (Retail)
Bharat Petroleum Corporation Ltd.
Bareilly Territory
LAYOUT PLAN
(SCALE - 1:200)
APPROCH ROAD
DRIVE WAY
PERFORATED SLAB
CROSS SECTION OF CULVERT DESIGN AS PER IRC:SP-13
SECTION AT C-D
(NOT TO SCALE)
CROSS SECTION OF OPEN DRAIN AT (A-B)
(NOT TO SCALE)
P.C.C.-1:3:6
TOP VIEW OF TANK MANHOLE
(NOT TO SCALE)
20KL CAPACITY
15KL CAPACITY
CONSTRUCTION DETAILS OF UNDER GROUND TANKS IN EARTHEN PIT
SCALE 1:100
NOTES:
1-VENT PIPE 4.0M HIGH END COVERED WITH TWO LAYERS OF BRASS WIRE GAUGE 1.1 MESH PER LINEAR CENTIMETER.
2-FILL POINTS FITTED WITH CAMLOCK, COUPLING AND AIR TIGHT THREADED ALUMUNIUM CAP FOR DECANTING FROMTANK LORRY
3-DIP PIPES WITH CAP ASSEMBLY.
4-ALL ELECTRICAL FITTINGS ARE FLAME PROOF CONFORMING TO IS 2148 WITHIN 6.0M OF TANK AND MPD.
5-ALL DOORS OF BUILDING TO BE OPENED OUTWARD ONLY
6.-NO SEWER OR SURFACE DRAIN WITH IN 6.0M OF UG TANK & DISPENSING UNITS
7-PREMISES TO BE USED ONLY FOR STORAGE OF PETROLEUM PRODUCTS
8-TANKS ARE PAINTED WITH TWO LAYERS OF HOT BITUMEN OVER TWO COATS OF RED OXIDE PRIMER TO PROTECTAGAINST 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/SC(P)/MISC 94 DATED 24.02.99
10-ALL DIMENSIONS ARE IN MM UNLESS OTHER WISE NOTED
11-SAND BUCKETS 6 NOS AS PER EXPLOSIVE RULES
12-FIRE EXTINGUISHERS 4 NOS AS PER EXPLOSIVE RULES
13-TANK SHOULD BE GIVEN HYDROLIC PRESSURE TEST PRIOR TO INSTALATION AND BEFORE ANY PROTECTIVE COATING AS APPLIED. THE TEST SHOULD BE MAINTAINED AT CONTROLLED PRESSURE OF 0.36 KGSQ.CM FOR 2HOURS.
14-DIP RODS SUPPLIED WITH TANK FOR THIS TYPE OF INSTALLATION SHOULD BE 3250MM LONG INSTEAD OF STANDARD 2350MM
15-FABRICATION THICKNESS OF SHELL PLATES AND END PLATES OF TANK 20KL SHELL-6MM AND END 8MM
16-TANKS CONFORM TO RULES 124, 125 & 131 OF THE PETROLEUM RULES 2002
17-ALL LIGHT POLES ARE FITTED AS PER APPROVEL OF CCOE NAGPUR VIDE LETTER NO PL.III (MB) DATE 26.11.1963
18-NATURAL DOWN SLOPE FROM THE EDGE OF METALED ROAD TO CULVERT ON APPROCHES MAINTAINED FREE FLOW OF WATER TOWARDS DRAIN.
19-EV = EXTENDED VENT POINT
20-PROPER ARRANGEMENT OF LIGHT POLES IN LICENSED PREMISES
21. NO ELECTRICAL LINE IS PASSING OVER LICENSED PREMISES.
LEGEND
PROP. WORK SHOWN IN RED
AREA STATMENTS
TOTAL PLOT AREA - 1225.00 SQM
COV.AREA OF SALES BUILDING - 29.65 SQM
PRE.FABRICATED CANOPY AREA - 224.00 SQM
TOTAL COVERED AREA - 253.65 SQM
OPEN AREA - 971.35 SQM
TANKS AND PUMPS DETAIL
S.NO | ITEM | SIZE | PET. CLASS & CAPACITY | PRODUCT
1 | TANK T-01 | 2.01M DIA X 5.02M LONG | CLASS - "A" (15 KL) | M5
2 | TANK T-02 | 2.0M DIA X 6.75M LONG | CLASS - "B" (20 KL) | H50
3 | MPD -01 | 2PX4HX2 DISPLAY | CLASS - "A & B" | M5 & H50
4 | MPD -02 | 2PX4HX2 DISPLAY | CLASS - "A & B" | M5 & H50
BHARAT PETROLEUM CORPORATION LIMITED
(BAREILLY TERRITORY, RETAIL)
SUBJECT - LAY OUT PLAN OF NEW RETAIL OUTLET / SERVICE STATION
PLOT / KHASRA NO. : 1447 (KHATA NO. 488) CHAINAGE-77.022 (L.H.S)
TOWN / VILLAGE : GOVARDHANPUR
NEAREST RLY.STATION : PERSENDI
NEAREST POLICE STATION : MANPUR
TEHSIL / TOWN AREA : BISWAN
DISTRICT : SITAPUR
STATE : UTTAR PRADESH
DRG.NO | DATE | SCALE | PREPARED BY- | CHECKED BY-
NRO GOVARDHANPUR | JUNE 2020 | AS SHOWN | SARA ENGINEERING CONCEPTS
Vaibhav Juyal
Asstt. Manager Engg. (Retail)
Bharat Petroleum Corp. Ltd.
Bareilly