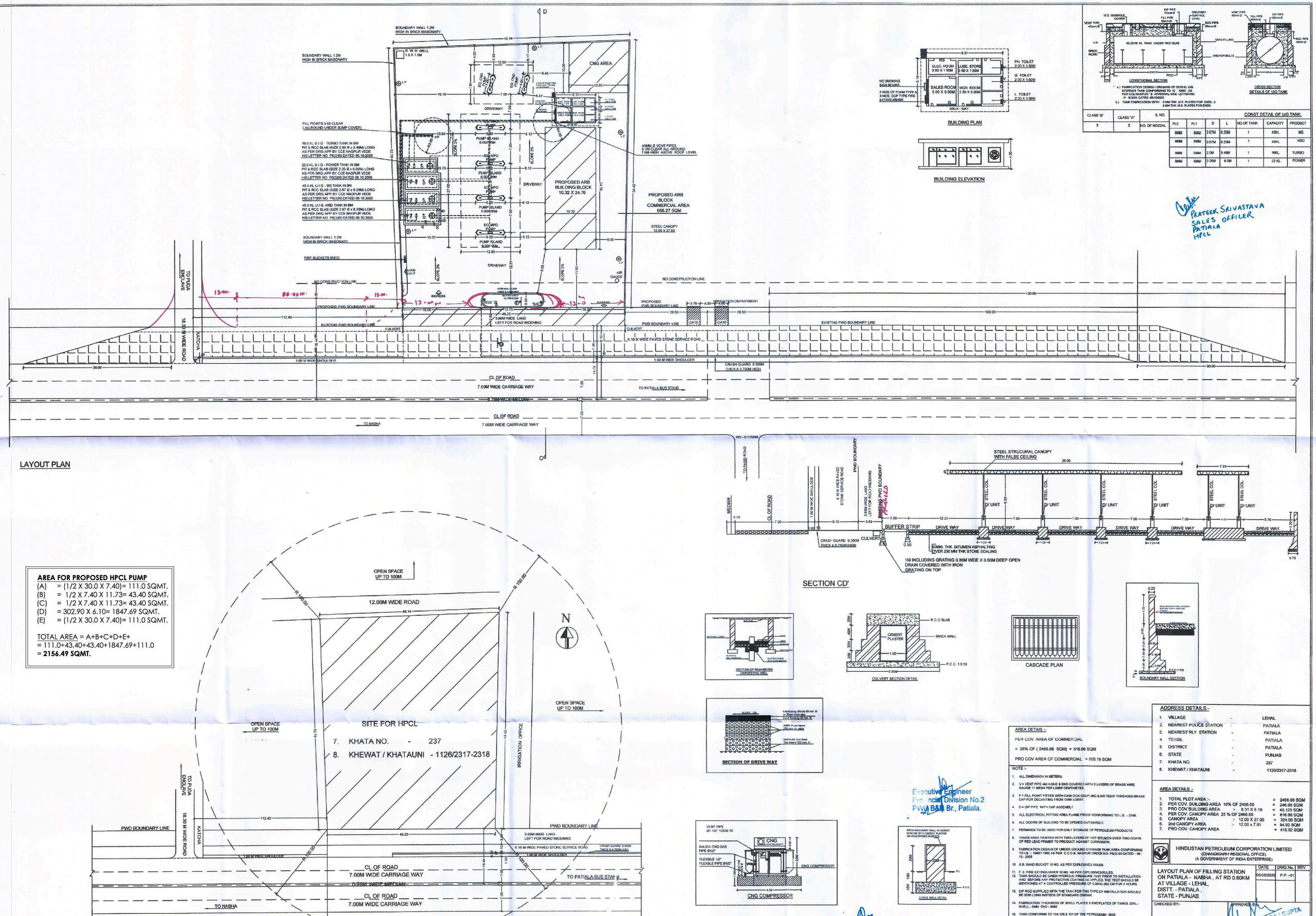


LAYOUT PLAN

BUILDING PLAN

BUILDING ELEVATION

a) FABRICATION DESIGN / DRAWING OF 23/15 KL U/G STORAGE TANK CONFORMING TO I.S. 10987 ,AS PER COLINGPUT & APPROVING VIDE LETTER NO. P - 9/2010, DATED - 05/10/2010
b) TANK FABRICATION WITH - 6 MM THK M.S. PLATES FOR SHELL & 8 MM THK M.S. PLATES FOR ENDS.

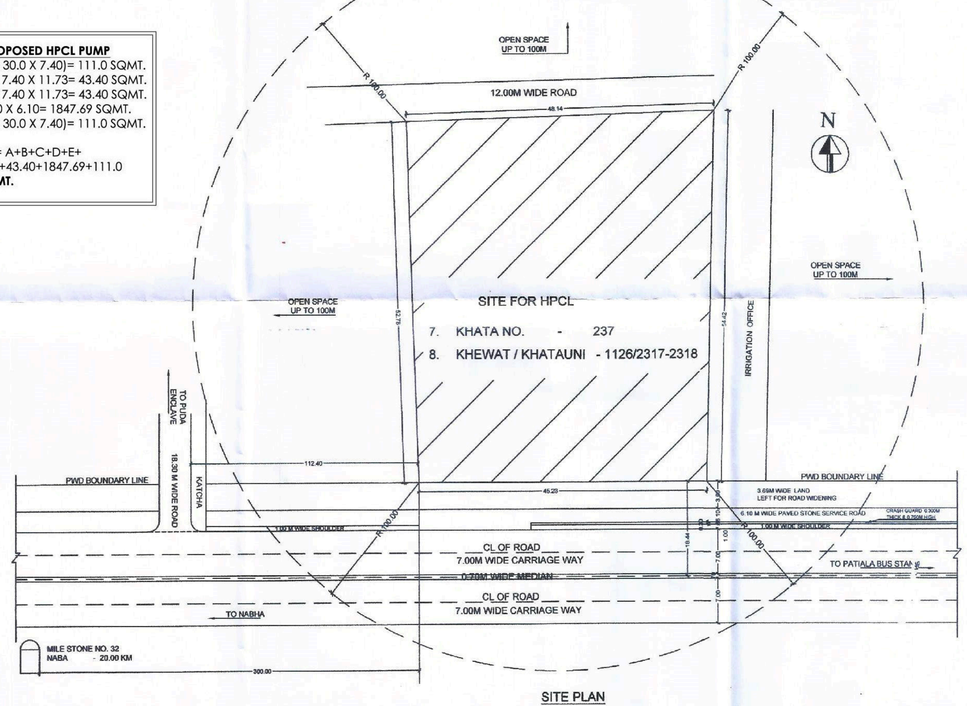
CLASS "B"	CLASS "A"	S. NO.	CONST DETAIL OF UG TANK.						
5	5	NO. OF NOZZAL	PL2	PL1	D	L	NO OF TANK	CAPACITY	PRODUCT
			8MM	8MM	2.67M	8.35M	1	45KL	MS
			8MM	6MM	2.67M	6.20M	1	45KL	HSD
			6MM	6MM	2.0M	5.49M	1	16KL	TURBO
			5MM	6MM	2.26M	6.0M	1	22 KL	POWER

PRATEEK SRIVASTAVA
SALES OFFICER
PATIALA
HPCL

AREA FOR PROPOSED HPCL PUMP

(A) = (1/2 X 30.0 X 7.40)= 111.0 SQMT.
(B) = 1/2 X 7.40 X 11.73= 43.40 SQMT.
(C) = 1/2 X 7.40 X 11.73= 43.40 SQMT.
(D) = 302.90 X 6.10= 1847.69 SQMT.
(E) = (1/2 X 30.0 X 7.40)= 111.0 SQMT.

TOTAL AREA = A+B+C+D+E+
= 111.0+43.40+43.40+1847.69+111.0
= **2156.49 SQMT.**



SITE PLAN

SECTION CD'

SECTION OF RAIN WATER HARVESTING WELL

CULVERT SECTION DETAIL

CASCADE PLAN

BOUNDARY WALL SECTION

SECTION OF DRIVE WAY

CNG COMPRESSOR

DURVE WALL DETAIL

Executive Engineer
Provincial Division No.2
PWD B&R Br., Patiala.

ਉਪ ਮੰਡਲ ਇੰਜੀਨੀਅਰ
ਪਿੰਡਾਂ ਉਪ ਮੰਡਲ ਨੰ: 2
ਲ: ਤੇ ਮ. ਸ਼ਾਖਾ, ਪਟਿਆਲਾ

AREA DETAIS :-

PER COV. AREA OF COMMERCIAL

= 25% OF (2466.66 SQM) = 616.66 SQM

PRO COV AREA OF COMMERCIAL = 505.19 SQM

NOTE :-

1. ALL DIMENSION IN METERS.
2. V = VENT PIPE 4M HIGHE & END COVERED WITH 2 LAYERS OF BRASS WIRE GAUGE 11 MESH PER LINER CENTIMETER.
3. F = FILL POINT FITTED WITH CAMLOCK COUPLING & AIR TIGHT THREADED BRASS CAP FOR DECANTING FROM TANK LORRY.
4. D = DIP PIPE WITH CAP ASSEMBLY.
5. ALL ELECTRICAL FITTING AREA FLAME PROOF CONFORMING TO I. S. - 2148.
6. ALL DOORS OF BUILDING TO BE OPENED OUTWARDLY.
7. PERMISES TO BE USED FOR ONLY STORAGE OF PETROLEUM PRODUCTS.
8. TANKS AREA PAINTED WITH TWO LAYERS OF HOT BITUMEN OVER TWO COATS OF RED LEAD PRIMER TO PRODUCT AGAINST CORROSION.
9. FABRICATION DESIGN OF UNDER GROUND STORAGE TANK AREA CONFORMING TO I.S. :- 10987: 1992 AS PER C.C.O.E. NAGPUR ORDER NO. P9(3) 60 DATED :- 06 - 10 - 2005
10. S.B. SAND BUCKET 10 NO. AS PER EXPLOSIVES RULES.
11. F. E. FIRE EXTINGUISHER 10 NO. AS PER EXPL OSIVES RULES.
12. TANK SHOULD BE UNDER HYDROUS PRESSURE TEST PRIOR TO INSTALLATION AND BEFORE ANY PROTECTIVE COATINGS IS APPLIED. THE TEST SHOULD BE MENTIONED AT A CONTROLLED PRESSURE OF 0.35KG /SQ CM FOR 2 HOURS.
13. DIP ROD SUPPLIED WITH THE TANK FOR THIS TYPE OF INSTALLATION SHOULD BE 3280 LONG INSTEOD OF STANDARD 2380MM.
14. FABRICATION THICKNESS OF SHELL PLATES 5 END PLATES OF TANKS: 22KL - SHELL :- 8MM END :- 8MM
15. TANK CONFORMS TO 124,129 & 131 OF THE PETROLEUM - 2002.
16. ALL LIGHT POLES AREA FITTED AS PER APPROVAL OF C.C.E. NAGPUR VIDE LETTER NO. PL 111 (MB) DATED :- 26-11-1993
17. NATURAL DOWN SLOPE FROM THE EDGE OF METALLED ROAD TO CULVERT ON APPROACHES WALLS BE MAINTAINED FREE FLOW OF WATER TOWARDS DRAIN
18. EV. = EXTENDED VENT POINT . EF = EXTENDED FILL POINT.
19. NO. ELECTRICAL LINE IS PASSING OVER THE RO PRMISES.
20. CONSTRUCTION OF APPROACH ROAD SERVICE ROAD & A/D LANES AT THEIR OWN COST BY THE FRANCHISE. OWNER /CO. AND ITS MAINTENANCE IN FUTURE AT THEIR OWN COST.

ADDRESS DETAILS:-

1.	VILLAGE	-	LEHAL
2.	NEAREST POLICE STATION	-	PATIALA
3.	NEAREST RLY. STATION	-	PATIALA
4.	TEHSIL	-	PATIALA
5.	DISTRICT	-	PATIALA
6.	STATE	-	PUNJAB
7.	KHATA NO.	-	237
8.	KHEWAT / KHATAUNI	-	1126/2317-2318

AREA DETAILS :-

1.	TOTAL PLOT AREA :-		= 2466.66 SQM
2.	PER COV. BUILDING AREA 10% OF 2466.66		= 246.66 SQM
3.	PRO COV BUILDING AREA	:- 8.31 X 5.19	= 43.123 SQM
4.	PER COV. CANOPY AREA 25 % OF 2466.66		= 616.66 SQM
5.	CANOPY AREA	:- 12.00 X 27.00	= 324.00 SQM
6.	2nd CANOPY AREA	:- 12.00 X 7.91	= 94.92 SQM
7.	PRO COV. CANOPY AREA		= 418.92 SQM

HINDUSTAN PETROLEUM CORPORATION LIMITED
(CHANDIGARH REGIONAL OFFICE)
(A GOVERNMENT OF INDIA ENTERPRISE)

LAYOUT PLAN OF FILLING STATION ON PATIALA - NABHA , AT RD 0.80KM AT VILLAGE - LEHAL, DISTT. - PATIALA STATE - PUNJAB.	DATE	DWG.No.	REV
	05/03/2020	P.P.-01	

CHECKED BY:- APPROVED BY:- RAJ GUPTA Manager Marketing

M/S ROCKY & ASSOCIATES
M.B. NO. - 8950294867