PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

LAND OF BOMBAY OXYGEN CYLINDERS LTD.

GREEN BELT 3M WIDE

GREEN BELT 3M WIDE

OUT LETS TAPS FOR RAIN WATER FROM RWHT

REAR SET BACK LINE

2M WIDE CONCRETE PAVERS

BORING

PLATFORM FOR GENERATOR & TRANSFORMER

PROPOSED ELECTRICAL ROOM TOTAL COVERED AREA - 172.17 SQ.MT. PLINTH LVL. 102.27

PROPOSED MAINTENANCE TOTAL COVERED AREA - 172.17 SQ.MT. PLINTH LVL. 102.27

SIDE SET BACK LINE

GENTS TOILET

LADIES TOILET TOTAL COVERED AREA - 49.00 SQ.MT. PLINTH LVL. 102.27

PROPOSED PRODUCTION BUILDING D TOTAL COVERED AREA - 2002 SQ.MT. PLINTH LVL. 101.65

PROPOSED PRODUCTION BUILDING 2 TOTAL COVERED AREA - 2002 SQ.MT. PLINTH LVL. 100.95

PROPOSED WARE HOUSE TOTAL COVERED AREA - 1257 SQ.MT. PLINTH LVL. 100.30

PROPOSED CANTEEN TOTAL COVERED AREA - 335.28 SQ.MT. PLINTH LVL. 99.80

PROPOSED OFFICE TOTAL COVERED AREA - 402.96 SQ.MT. PLINTH LVL. 99.80

DRAIN

GUTTER

DOWN PIPE

SLOPE

SIDE SET BACK LINE

ROAD SIDE DRAIN

RAIN WATER HARVESTING TANK

PUMP

FRONT SET BACK LINE

GATE

GREEN BELT

OUT LETS TAPS FOR RAIN WATER FROM RWHT

GREEN BELT

ROAD SIDE DRAIN

CENTER LINE OF ROAD

6.00 M. WIDE ROAD

102.15

99.15

SITE PLAN

PROCEDURE FOR RAIN WATER HARVESTING

1. ALL BUILDING ARE HAVING SLOPING ROOF WITH PPGI SHEETS.
2. THE RAIN WATER FLOWS DOWN THE ROOF SLOPE TO THE GUTTER THEN THROUGH THE DOWN PIPE TO THE RAIN WATER DRAINS.
3. THESE DRAINS COLLECT THE WATER AND EMPTY THE SAME IN THE RAIN WATER HARVESTING TANK.
4. THE RAIN WATER COLLECTED IS PUMPED TO DIFFERENT OUT LETS FOR GARDENING PURPOSES AND MAINTAINING THE GREEN BELT.

RARIN WATER DRAIN

NOTE:- RAIN WATER TO BE USED FOR GARDEING & MAINTAING THE GREEN BELT.

SET BACK LINE SHOWN AS --

DRAIN LINE SHOWN AS --

GREEN BELT SHOWN AS --

OUT LETS TAPS FOR RAIN WATER FROM RWHT

STATEMENT OF AREA (SQ. MTS)

TOTAL PLOT AREA	=	15050.00 SQ.MT.
GROUND FLOOR AREA PRODUCTION BUILDING 1	=	2002.07 SQ.MT.
GROUND FLOOR AREA PRODUCTION BUILDING 2	=	2002.07 SQ.MT.
FIRST FLOOR AREA PRODUCTION BUILDING 2	=	2002.07 SQ.MT.
GROUND FLOOR AREA WARE HOUSE	=	1257.41 SQ.MT.
FIRST FLOOR AREA WARE HOUSE	=	1257.41 SQ.MT.
GROUND FLOOR AREA OFFICE/ CANTEEN	=	938.27 SQ.MT.
FIRST FLOOR AREA OFFICE/ CANTEEN	=	938.27 SQ.MT.
GROUND FLOOR AREA ELECTRICAL / METER	=	172.17 SQ.MT.
GROUND FLOOR AREA ELECTRICAL / METER	=	172.17 SQ.MT.
GROUND FLOOR AREA MAINTENANCE	=	172.17 SQ.MT.
GUARD ROOM	=	15.43 SQ.MT.
TOTAL GROUND FLOOR COVD. AREA	=	6762.61 SQ.MT.
TOTAL FIRST FLOOR COVD. AREA	=	4197.75 SQ.MT.
TOTAL COVD. AREA (G.F. + F.F)	=	10960.36 SQ.MT.
OPEN AREA	=	8287.39 SQ.MT.
GROUND COVERAGE	=	44.93 %
F.A.R.	=	0.73

PARKING
B.C.S REQ./ 80 SQ.MT. COVD. AREA = 0.50

TOTAL COVD. AREA = 10960.36 SQ.MT.

E.Q.S REQUIRED = $\frac{0.50 \times 10960.36}{80}$ = 69

OPEN PARKING REQ. = 69 x 18 = 1242 SQ.MT.

PARKING PROVIDED = 1239.34 SQ.MT.

R.W.H.
GROUND COVERAGE = 6762.61 SQ.MT.

FIRST 225 SQMT.(WATER STORAGE REQ.) = 20.00 CUM

ADDITIONAL 50 SQMT. OR PART @ 5.00 CUM

= $\frac{(6762.61 - 225)}{50}$ X 5 = 1353.5 = 455.00 CUM

TOTAL WATER STORAGE REQ. = 675.00 CUM

RAIN WATER STORAGE PROVIDED = 675.00 CUM

LAND SCAPING
PERMISSIBLE AREA @25 % OF OPEN SPACE = 25% OF 8287.39

REQUIRED GREEN BELT AREA 3304.94

PROVIDED AREA= 3383.06

PARKING AREA REQ. = 50 PARKING SPACE FOR EVERY 80 SQ.M.
COVERED AREA 50 X10960.36/ 80 = 68.50 = SAY 69 PARKING SPACE

OPEN PARKING AREA REQUIRED = 69X18M = 1242 SQM.
OPEN PARKING AREA REQUIRED = 69X18M = 1242 SQM.

PROJECT:
FACTORY BUILDING FOR M/S APACHE FOOTWEAR INDIA PVT. LTD. AT KHASRA NO. 122 (MIN) , 122 / 33 AT MAUZA CENTRAL HOPE TOWN, PARGANA PACHWA DOON, TEHSIL VIKAS NAGAR, DISTT. DEHRADUN.

TITLE:
SITE PLAN

DOORS / WINDOWS SCHEDULE

ITEM	DESCRIPTION	SIZE

SCALE :- 1 : 100

NORTH

DATE :- 11 / 09 / 2009

SEPTIC TANK --- S.T.

SOAK PIT --- S.P.

RAIN WATER PIPE -- R.W.P.

DRAWN BY :- SEEMA

CHEKED BY :-

APPLICANT'S SIGNATURE

IT IS CERTIFIED THAT THE PLANS HAS BEEN MADE UNDER MY GUIDENCE, AND ARE AS/ SIDCUL BYELAWS

ARCHITECT'S SIGNATURE

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