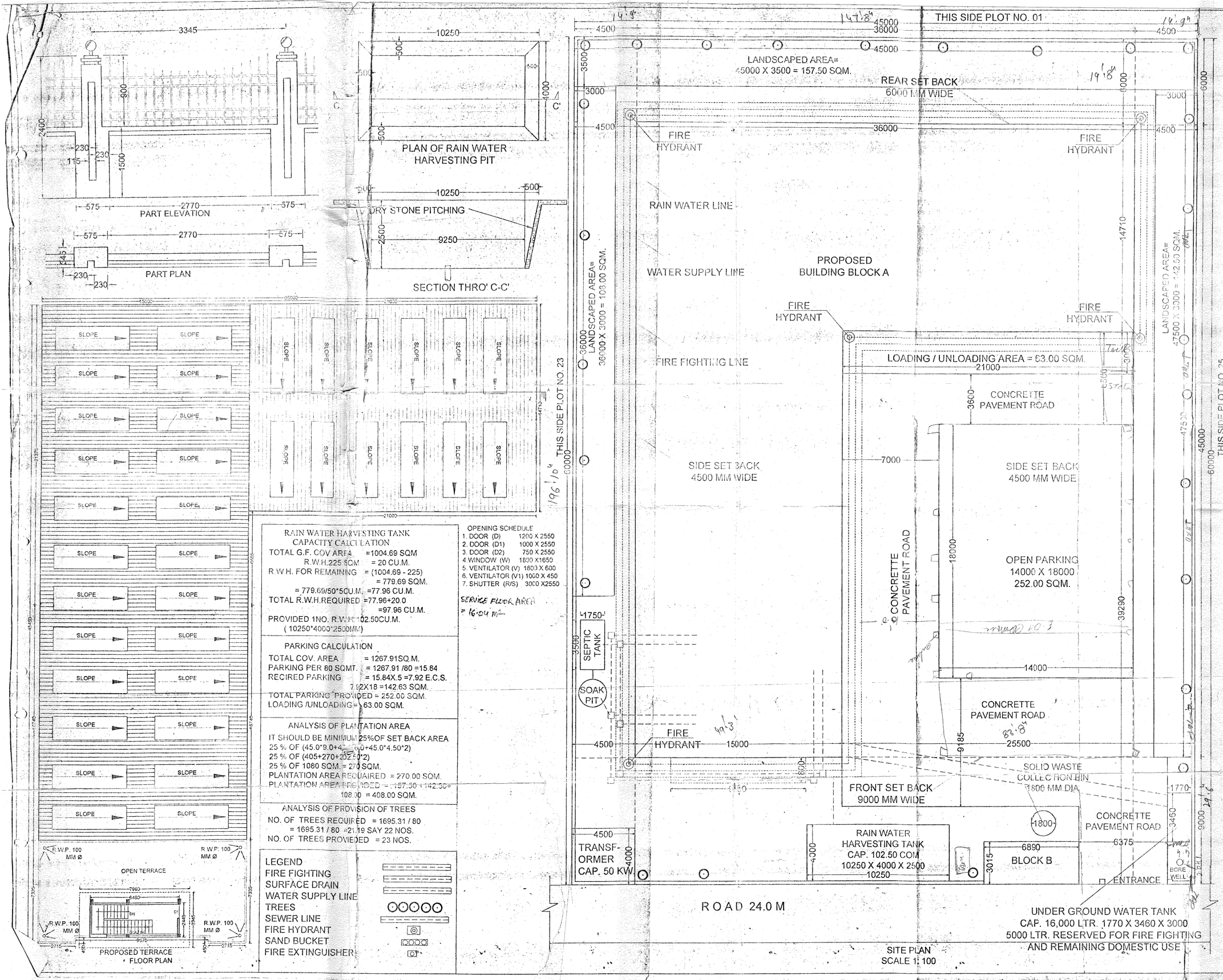

RAIN WATER HARVESTING TANK CAPACITY CALCULATION

TOTAL G.F. COV AREA =1004.69 SQM
R.W.H.225 SQM = 20 CU.M.
R.W.H. FOR REMAINING = (1004.69 - 225)
= 779.69 SQM.
= 779.69/50*5CU.M. =77.96 CU.M.
TOTAL R.W.H.REQUIRED =77.96+20.0
=97.96 CU.M.
PROVIDED 1NO. R.W.H. 102.50CU.M.
(10250*4000*2500MM)

PARKING CALCULATION

TOTAL COV. AREA = 1267.91SQ.M.
PARKING PER 80 SQMT. = 1267.91 /80 =15.84
RECIRED PARKING = 15.84X.5 =7.92 E.C.S.
7.92X18 =142.63 SQM.
TOTAL PARKING PROVIDED = 252.00 SQM.
LOADING /UNLOADING= 63.00 SQM.

ANALYSIS OF PLANTATION AREA

IT SHOULD BE MINIMUM 25%OF SET BACK AREA
25 % OF (45.0*9.0+4[illegible]0+45.0*4.50*2)
25 % OF (405+270+202.50*2)
25 % OF 1080 SQM. = 270 SQM.
PLANTATION AREA REQUAIRED = 270.00 SQM.
PLANTATION AREA PROVIDED = 157.50+142.50+108.00 = 408.00 SQM.

ANALYSIS OF PROVISION OF TREES

NO. OF TREES REQUIRED = 1695.31 / 80
= 1695.31 / 80 =21.19 SAY 22 NOS.
NO. OF TREES PROVIEDED = 23 NOS.

LEGEND
FIRE FIGHTING
SURFACE DRAIN
WATER SUPPLY LINE
TREES
SEWER LINE
FIRE HYDRANT
SAND BUCKET
FIRE EXTINGUISHER

1. DOOR (D) 1200 X 2550
2. DOOR (D1) 1000 X 2550
3. DOOR (D2) 750 X 2550
4. WINDOW (W) 1800 X1650
5. VENTILATOR (V) 1800 X 600
6. VENTILATOR (V1) 1000 X 450
7. SHUTTER (R/S) 3000 X2550

SERVICE FLOOR AREA = 16.04 m²

SPACE FOR APPROVING AUTHORITY :-

This map (No. [illegible]) is approved with the conditions mentioned in the Letter No. [illegible] Date [illegible]

AUTHORISED SIGNATORY S.I.D.A.

Recommended for Sanction

NORTH POINTER :-

DRAWING SCALE :- 1 : 100

DRAWING NUMBER :- NC/SUB/SIDCUL/HDR/MSPPI/01

AREA CALCULATIONS :-

TOTAL PLOT AREA = 2700 SQ.M.
BLOCK " A "
COVERED AREA AT GROUND FLOOR = 983.92 SQ.M.
FIRST FLOOR COV. AREA = 247.43 SQM.
MUMTY FLOOR COV. AREA = 15.79 SQM.
BLOCK " B " (GUARD ROOM)
COVERED AREA AT GROUND FLOOR =20.77 SQM.
TOTAL GROUND FLOOR AREA = 1004.69 SQM.
TOTAL COVERED AREA AT ALL FLOORS =1267.91 SQM.
GROUND COVERAGE = 37.21 %
F.A.R. = 0.469

GENERAL SPECIFICATIONS :-

1. CEMENT CONCRETE IN FOUNDATION SHALL BE IN 1:4:8 RATIO OF CEMENT, SAND, & AGGREGATE.
2. FIRST CLASS BRICK WORK IN FOUNDATION SHALL BE CARRIED IN 1:6 CEMENT , SAND MORTAR.
3. 40 M.M. THICK D.P.C. SHALL BE PROVIDED AT THE PLINTH LEVEL IN CEMENT CONCRETE IN 1:2:3 RATION OF CEMENT : SAND : AGGREGATE.
4. FIRST CLASS BRICK WORK SHALL BE PROVIDED IN SUPERSTRUCTURE IN 1:5 CEMENT : SAND MORTAR.
5. CEMENT, SAND PLASTER SHALL BE CARRIED IN 1:5 MIX OVER THE WALL WHILE CEMENT , SAND PLASTER IN 1:4 MIX SHALL BE CARRIED OVER THE CIELING.
6. DOORS / WINDOW FRAMES SHALL BE PROVIDED IN INDIAL SAL WOOD AND/ OR MILD STEEL SECTION AND / OR ALUMINIUM AS PER THE DESIGN.
7. CONCELLED C.I., G.I., S.W., S.C., S.S., PIPES SHALL BE USED FOR THE PURPOSE OF WATER SUPPLY AND WASTE WATER DISPOSAL WITH APPROVED FITTINGS AS PER THE I.S.I. NORMS.
8. G.I., S.S., PIPES SHALL BE PROVIDED WITH APPROVED FITTINGS.
9. ELECTICAL FITTINGS SHALL BE CARRIED THRO' CONCELLED CONDUITS WITH APPROVED FITTINGS AS PER THE I.S.I. NORMS.

NOTES :-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. THE DRAWINGS HAVE BEEN PREPARED AS PER THE BUILDING BYE-LAWS LAID BY THE CONCERENED DEVELOPMENT AUTHORITY.
3. PROVISIONS REGARDING THE EARTHQUAKE RESISTENT DESIGN HAVE BEEN INCORPORATED IN TH BUILDING DESIGNS.
4. THE DESIGN HAS BEEN PREPARED AS PER THE INSTRUCTIONS GIVEN BY THE OWNER.
5. THE OWNER HAS UNDERSTOOD THE DRAWINGS AND THE DESIGN AND THUS HAS CONFIRMED THE ARCHITECT TO SUBMIT THE DRAWINGS AND THE DESIGN TO THE CONCEREND AUTHORITY.
6. ARCHITECT'S RESPONSIBILITIES ARE LIMITED TO PREPARE THE DESIGN / DRAWING FOR THE SANCTIONING PURPOSES ONLY. ARCHITECT SHALL NOT IN ANY CASE BE CONSIDERED RESPONSIBLE FOR ANY DEVIATION FROM THE DRAWINGS DURING OR AFTER THE CONSTRUCTION.
7. ADEQUATE PROVISIONS FOR THE RAIN WATER HARVESTING AND PLANTATION SHALL BE MAINTAINED IN THE OPEN AREAS THUS SHOWN IN THE DRAWINGS.

TITLE:-

PROPOSED DESIGN FOR THE INDUSTRIAL BUILDING FOR M/s R.P. INDUSTRIES AT PLOT No. 24, SEC -8A INTEGRATED INDUSTRIAL ESTATE ,RANIPUR,PARGANA :- JWALAPUR, TEHSIL & DISTT:- HARIDWAR, UTTRANCHAL, THROUGH MR. MUKESH JINDAL S/0 SRI DESH RAJ JINDAL

SIGN. OF THE APPLICANT	SIGN. OF THE ARCHITECT

ARCHITECTS & ENGINEERS :-

NIRMAN CONSULTANTS
H-16, HEERA COMPLEX,RANIPUR MORE, HARIDWAR.
Ph.: (01334) 221361 (O) 9997238034, 9997238025, 9412963342.
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