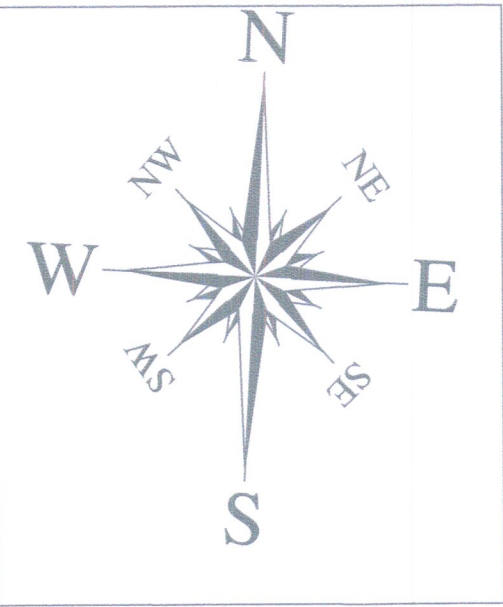
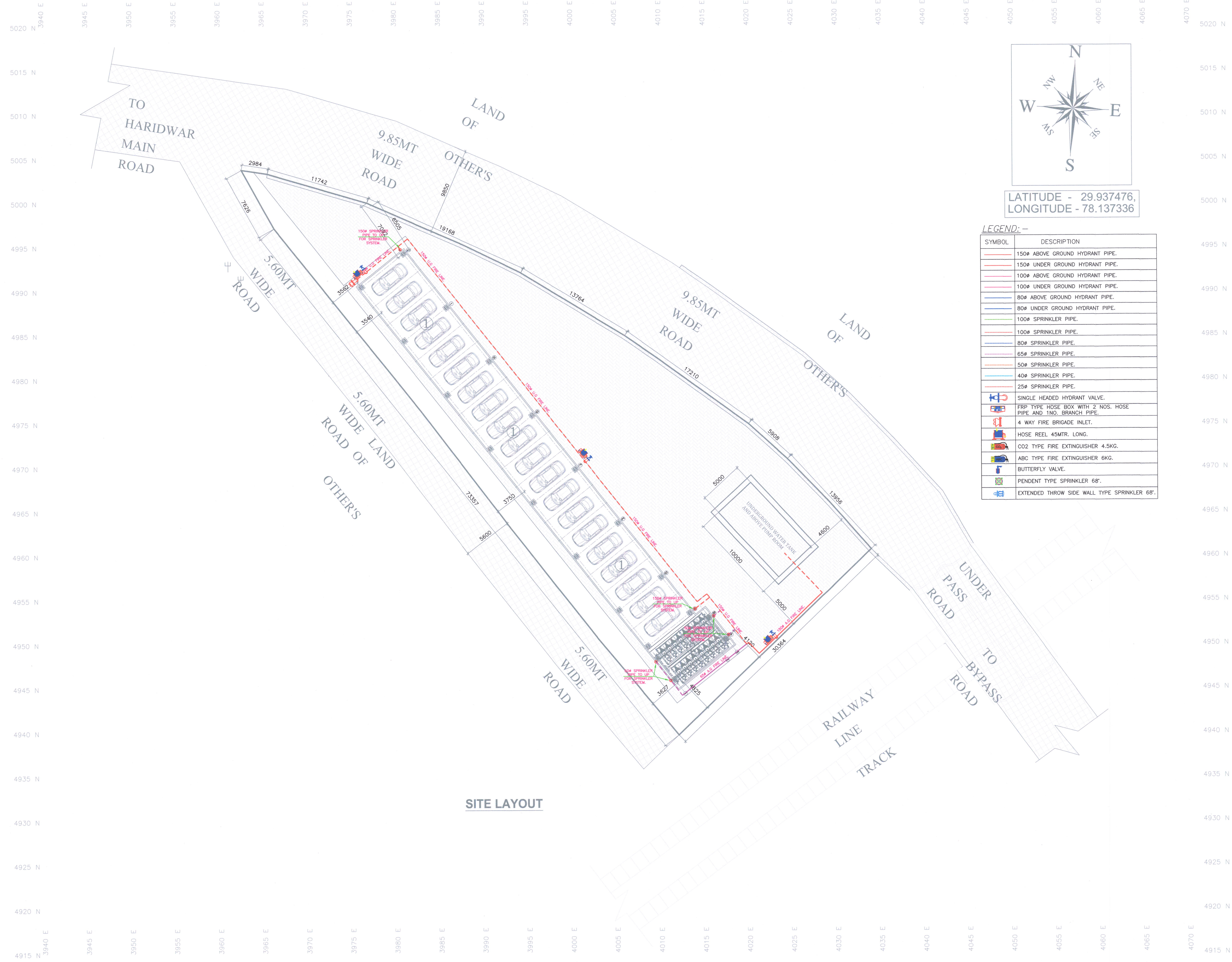




LATITUDE - 29.937476,
LONGITUDE - 78.137336

LEGEND:-

SYMBOL	DESCRIPTION
	150# ABOVE GROUND HYDRANT PIPE.
	150# UNDER GROUND HYDRANT PIPE.
	100# ABOVE GROUND HYDRANT PIPE.
	100# UNDER GROUND HYDRANT PIPE.
	80# ABOVE GROUND HYDRANT PIPE.
	80# UNDER GROUND HYDRANT PIPE.
	100# SPRINKLER PIPE.
	100# SPRINKLER PIPE.
	80# SPRINKLER PIPE.
	65# SPRINKLER PIPE.
	50# SPRINKLER PIPE.
	40# SPRINKLER PIPE.
	25# SPRINKLER PIPE.
	SINGLE HEADED HYDRANT VALVE.
	FRP TYPE HOSE BOX WITH 2 NOS. HOSE PIPE AND 1NO. BRANCH PIPE.
	4 WAY FIRE BRIGADE INLET.
	HOSE REEL 45MTR. LONG.
	CO2 TYPE FIRE EXTINGUISHER 4.5KG.
	ABC TYPE FIRE EXTINGUISHER 6KG.
	BUTTERFLY VALVE.
	PENDENT TYPE SPRINKLER 68°.
	EXTENDED THROW SIDE WALL TYPE SPRINKLER 68°.

THIS DRAWING & DESIGN IS THE SOLE PROPERTY OF L.J. PURANI & ASSOCIATES
SHALL NOT BE COPIED, TRACED OR REPRODUCED BY ANY MEANS WITHOUT
PRIOR WRITTEN CONSENT OF THE FIRM.

LEGEND

TOTAL PLOT AREA	1644.47 SQMT
	17700.92 SQFT
NUMBER OF PUZZLE PARKING BLOCKS	3 BLOCKS
TOTAL NUMBER OF CARS:	105
TOTAL NO. OF TWO WHEELERS:	96

LEGEND

RAILWAY LINE	
BOUNDARY WALL	
ELECTRIC POLE	
ROAD	
BOUNDARY	
DIMENSION	
TREE	
CONTOUR	
BUILDING LINE	
PAVER BLOCK	
CAR PARKING	①
TWO WHEELERS PARKING	②
EXISTING	

Nitesh L. Purani
C.O.A. CA/96/19836

SYSTEM DESIGN BY:-	Assured Suraksha Services Pvt. Ltd. 326, Super Plaza, Sandesh Press Road, Ahmedabad-380054 PHONE NO:- 07926766973, 48988911 E-MAIL : mfdastoon@assuredsuraksha.com service@assuredsuraksha.com CIN : U29308GJ2021PTC121529
PROJECT:-	DEVELOPMENT OF AUTOMATED MECHANIZED MULTILEVEL CAR PARKING SYSTEM AT TIBRI UNDER PASS HARIDWAR (UK)
TITLE:-	SECTION DRAWING OF FIRE FIGHTING SYSTEM.
PRE. BY :- SJG	DWG NO:- ASSL-DAMMCPS-TIBRI-FTG-01
SCALE:- N.T.S	SIZE:- A1. DATE:- 07.01.2023 REV. NO:- 00.

DATE	REV.	ARCH.	CLIENT	CONTR.	SITE	TOTAL	REMARK
30.11.22	R0		MAIL	-	-	-	FOR GFC.

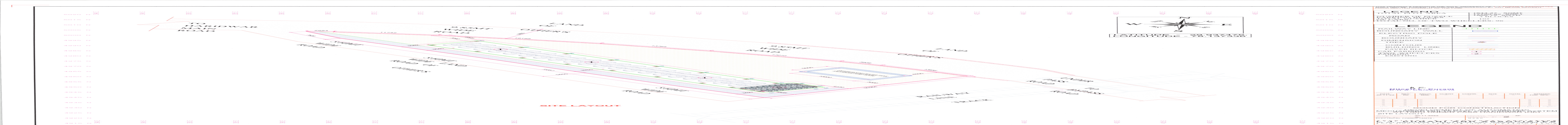
GOOD FOR CONSTRUCTION

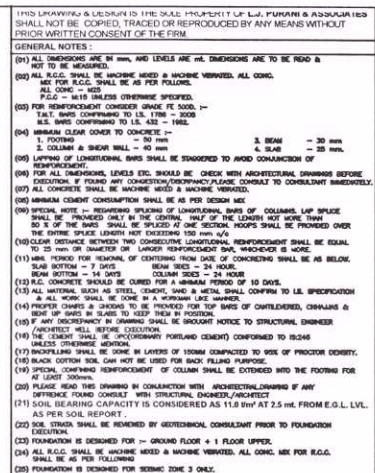
DEVELOPMENT OF AUTOMATED/ MECHANIZED MULTILEVEL CAR PARKING SYSTEM AT TIBRI UNDER PASS HARIDWAR (UK)

SITE LAYOUT	
DATE	30.11.2022
DESIGNED BY	SB
CHECKED BY	JP
ELECTRICAL CONSULTANTS	HVAC

ARCHITECT & STRUCTURAL ENGINEERS
L.J. PURANI AND ASSOCIATES
2ND, 3RD FLOOR, ST. JAMES'S COLLEGE COMPOUND, HARIDWAR, UTTARANCHAL INDIA
TEL. : (079) 26446318. FAX. : (079) 26551911.
E-MAIL : info@ljpuraniassociates.com

DAMMP-TH-01-1.00	2211014	R0
------------------	---------	----





[M-25 GRADE OF CONCRETE]
- ALL CENTER LINE REFER AS PER ARCH DRG.

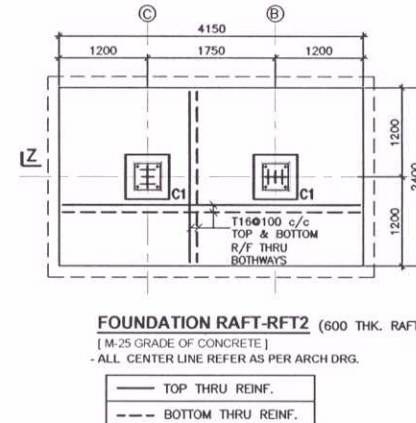
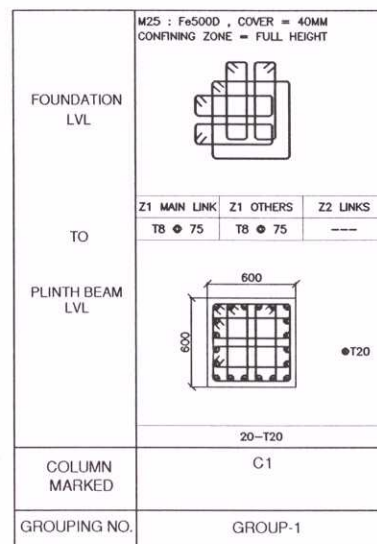
Z1 SHOULD NOT BE LESS THAN
 (1) LARGER LATERAL DIMENSION OR
 (2) L/6 OF CLEAR SPAN.
 (3) 450 mm

db – DIAMETER OF THE BAR
 ldc – DEVELOPMENT LENGTH
 hc – CLEAR HEIGHT OF COLUMN

DEVELOPMENT LENGTH For $F_y = 5000 \text{ N/mm}^2$ SHALL BE AS FOLLOWS

DEVELOPMENT LENGTH (LAP LENGTH) FOR FULLY STRESS DEFORMED BAR		
5000 N/mm ²		
GRADE	TENSION BAR	COMP. BAR
25	49 ϕ	39 ϕ

(ϕ = DIAMETER OF BAR.)



Dr. Mahesh Mungule
Assistant Professor, (Structural Engg.)
Department of Civil Engineering, IITRAM



NO.	DATE	REVISION HISTORY	REVISED BY	DRAWN BY
GOOD FOR CONSTRUCTION				

CLIENT NAME:	DEVELOPMENT OF AUTOMATED/ MECHANIZED MULTILEVEL CAR PARKING SYSTEM AT TIBRI UNDER PASS HARIDWAR (UK)
DRAWING TITLE:	PARKING FOUNDATION LAYOUT & DETAILS

DATE : 30.11.2022	PROJECT ARCHITECT : AP
SCALE : -	CHECKED BY : SB
DRAWN BY : JP	APPROVED BY : NP
ELECTRICAL CONSULTANTS :	H V A C.

ARCHITECT & STRUCTURAL ENGINEERS
L.J. PURANI AND ASSOCIATES
303, BALA BUSINESS CENTER, ST. KAYEN'S COLLEGE CORNER, NAVRANGPURA, AHMEDABAD 380 009,
TEL. (079) 26446318, FAX. (079) 28565191

DRAWING NO.	PROJECT NO.	REVISION
DAMMP-TH-02-1.00	2211014	R0

GENERAL NOTES:

- (1) ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN DIMENSIONS ARE TO BE READ & NOTED TO THE INDICATED
- (2) ALL C.C.'S SHALL BE UNIFORM MIXED & UNIFORM VIBRATED. ALL CONC. SHALL BE PLACED IN LAYERS OF 100 mm MAXIMUM THICKNESS.
- (3) FOR REINFORCEMENT USE SQAIDER GEAR TYPE 8008 - 10mm BARS CONFORMING TO IS 1786 & 2003.
- (4) MC. BASES CONFORMING TO IS 456.
- (5) MINIMUM CLEARANCE TO COVERAGE :-
 1. HEADROD = 50 mm
 2. COLUMN & CHAM WALL = 40 mm
- (6) LAPPING OF REINFORCEMENT BARS SHALL BE STAGGERED TO AVOID CONJUNCTION OF REINFORCEMENT.
- (7) FOR ALL DIMENSIONAL LEVELS C.C. SHOULD BE CHECKED WITH ARCHITECTURAL DRAWINGS BEFORE COMMENCEMENT OF WORK.

A. BEAN	= 30 mm
G. SLAB	= 25 mm



PRINTS ISSUED:							
DATE	REV.	ARCH.	CIENT	CONTR.	SITE	TOTAL	REMARK
25.11.22	RO	MAL	--	--	--	--	FOR GFC.
N/O	DATE	REVISION HISTORY				REVISED BY	DRAWN BY

GOOD FOR CONSTRUCTION

CLIENT NAME: DEVELOPMENT OF AUTOMATED/ MECHANIZED MULTILEVEL CAR PARKING SYSTEM AT TIBRI UNDER PASS HARIDWAR (UK)	
TYP. SECTION	

DATE: 30.11.2022	PROJECT ARCHITECT : AP
SCALE : --	CHECKED BY : SB
DRAWN BY : JP	APPROVED BY : NP
ELECTRICAL CONSULTANTS :	HVAC

A R C H I T E C T & S T R U C T U R A L E N G I N E E R S

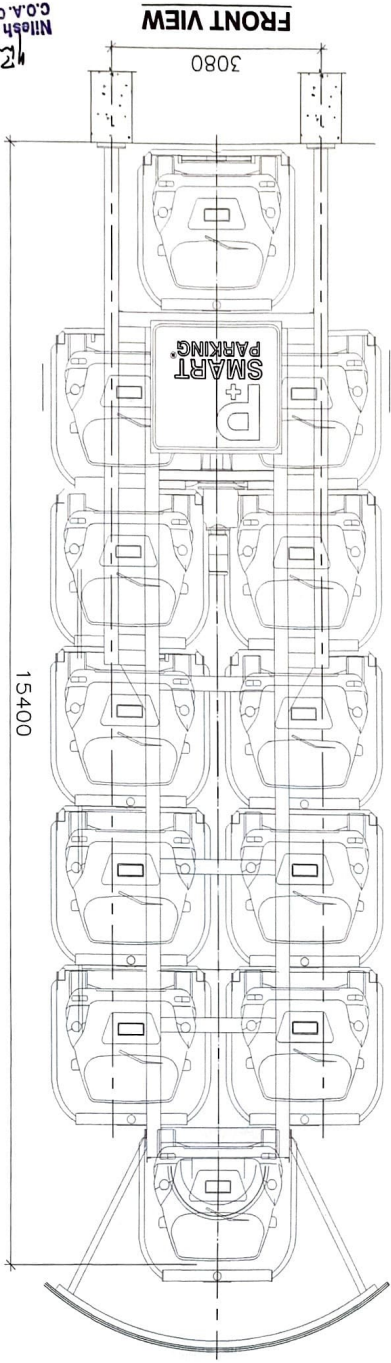
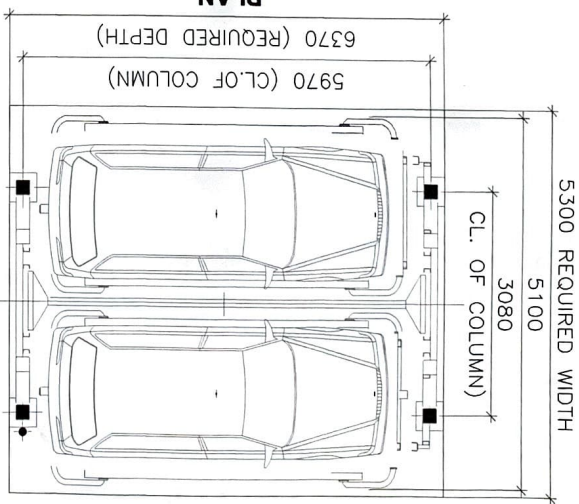
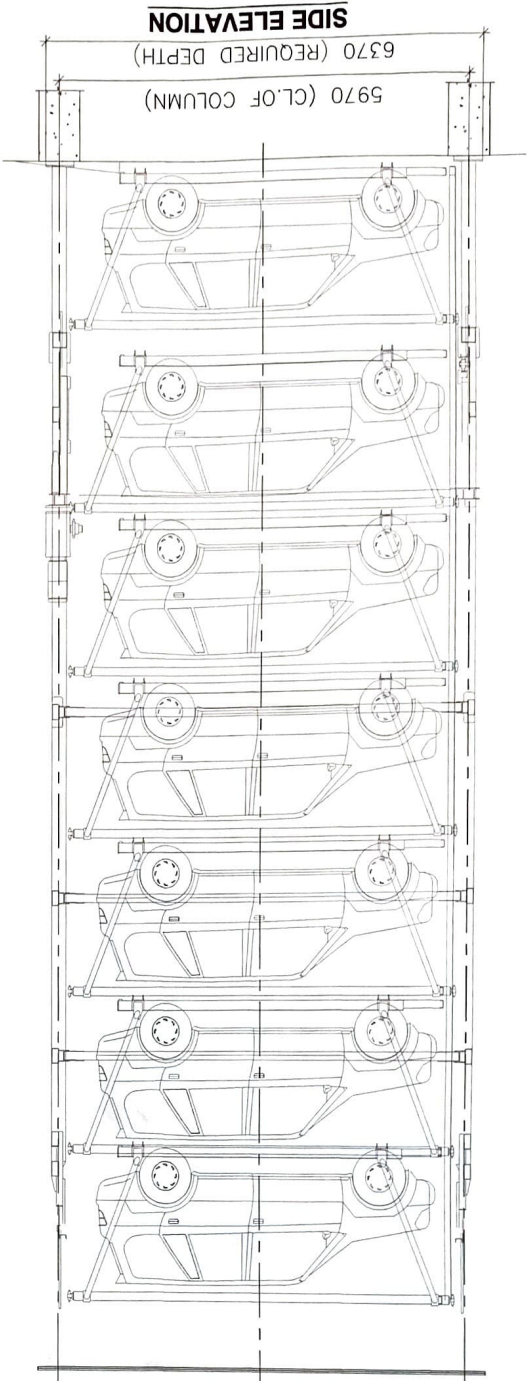
L . J . P U R A N I A N D A S S O C I A T E S

265, SHAH BAKSHI ESTATE, ST. JAMES'S COLLEGE CORNER, RAIPURWALA, JAMSHEDPUR-768 001

TEL. : (079) 26464318. FAX. : (079) 26464319

e-mail : l.purani@rediffmail.com

DRAWING NO. _____	PROJECT NO. _____
DAMMM-TH-02-2.00	2211014
	R.O.



SPECIFICATION					
BRAND NAME					
MODEL NO.		SM12SU			
TYPE		VERTICAL ROTARY PARKING			
PARKING CAPACITY		12 CARS			
AVAILABLE CAR	LENGTH	5200 mm		SUV CAR	
	WIDTH	2100 mm			
	HEIGHT	2000 mm			
	WEIGHT	2400 kg			
MOTOR		11 kw X 4P		5-8 m/min	
SPEED		5-8 m/min			
POWER		AC415V X 3ph X 50HZ, 22KVA			

12
Nitesh L. Purani
C.O.A. CA/96/19936