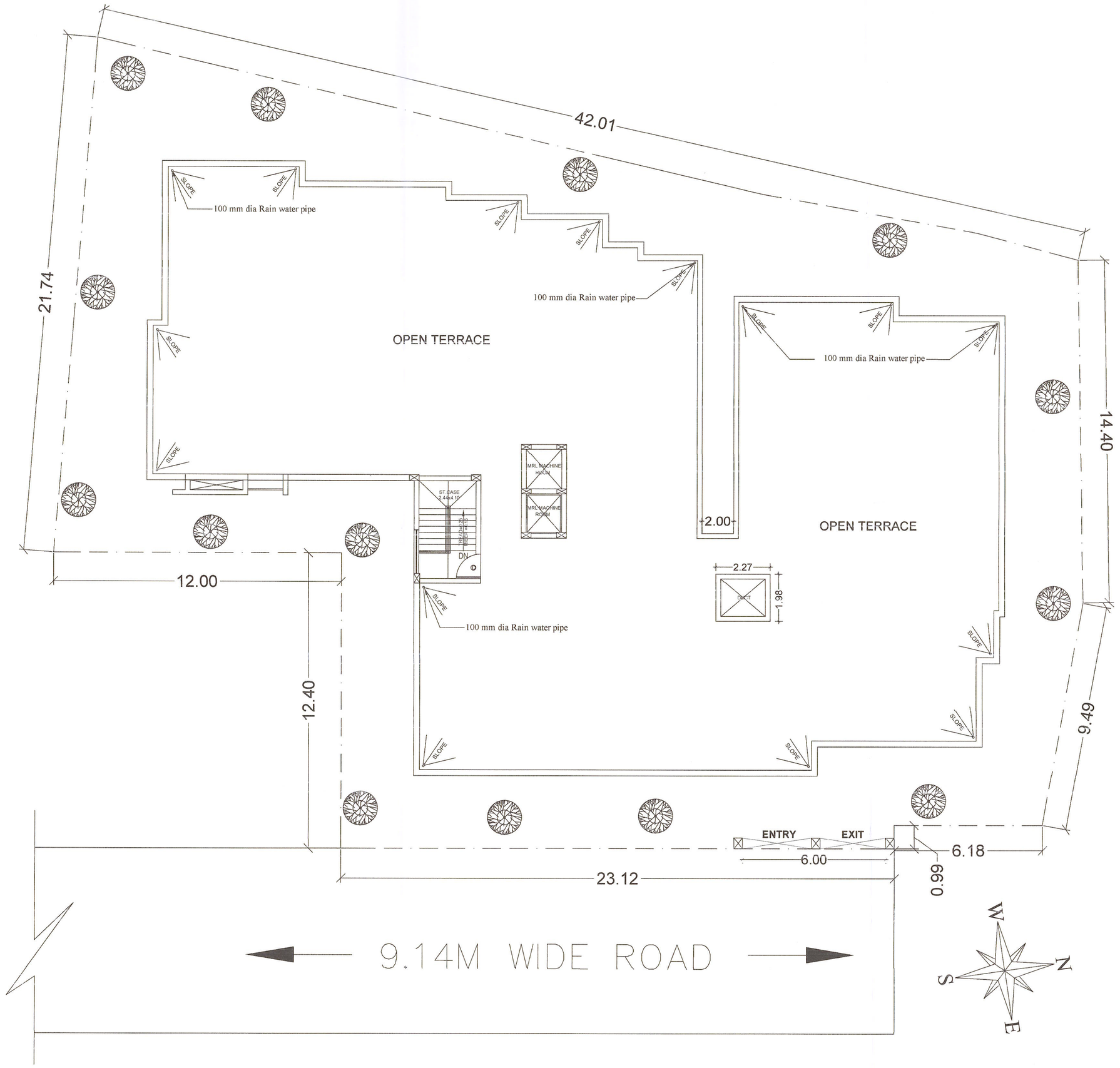
313



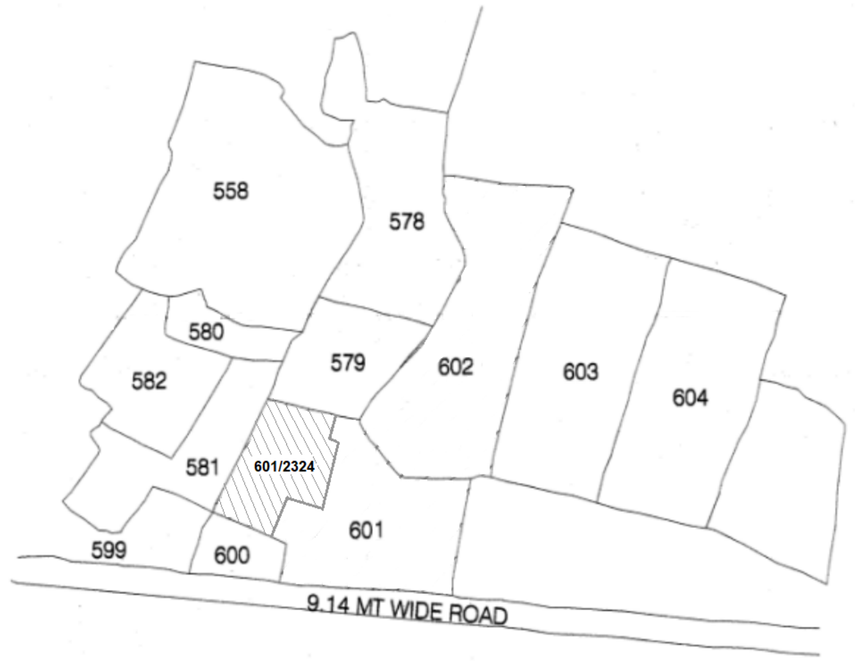
LANDSCAPE LAYOUT PLAN

SCALE=1:100

AVAILABLE PLOT AREA= 1081.12 SQMT

REQUIRED PLANTATION = 1 TREE IN EVERY 80 SQMT

PROVIDED PLANTATION = 14 NOS OF TREE(1081.12/80SQMT= 13.51 TREE)



SITE MAP (SCALE-32"=1 MILE)

PLOT NO-601/2324
KHATA NO-229/991
MOUZA-JAGASARA
THANA/TAHASIL-JATANI
DIST:KHURDA

SPACE FOR STAMP

CHECKED
(Authorised Officer)
B.D.A.

PERMISSION GRANTED UNDER SEC.16(3) OF O.D.A. ACT, 1982 SUBJECT TO CONDITIONS CONTAINED IN LETTER No. 14216 DATE 01.05.2023
PERMISSION VALID UP TO DT 30/04/2026
Ranjan Mohanty
PLANNING ASSISTANT AUTHORISED OFFICER
BHUBANESWAR DEVELOPMENT AUTHORITY

SCHEDULE OF DOORS & WINDOWS

01	D	1.00MT X 2.10MT	FLUSH DOOR
02	D1	0.90MT X 2.10MT	FLUSH DOOR
03	D2	0.75MT X 2.10MT	FLUSH DOOR
01	SD	2.74MT X 2.10MT	SLIDING DOOR
05	SD1	2.13MT X 2.10MT	SLIDING DOOR
06	SD2	1.27MT X 2.10MT	SLIDING DOOR
07	W	2.00MT X 1.65MT	MS. GLAZED WINDOW
08	W1	1.83MT X 1.65MT	MS. GLAZED WINDOW
09	W2	1.07MT X 1.65MT	MS. GLAZED WINDOW
10	W3	1.42MT X 1.35MT	MS. GLAZED WINDOW
11	V	0.60MT X 0.60MT	MS. GLAZED VENTILATOR

AREA STATEMENT

TOTAL PLOT AREA (As Per Document) = 1081.12 SQM.
TOTAL PLOT AREA (As Per Posession) = 1081.12 SQM.

STILT FLOOR AREA	= 709.48 SQMT
STAIRCASE & LIFT AREA	= 21.89 SQMT
ICT LANDING AREA	= 14.19 SQMT
STILT FLOOR PARKING AREA	= 673.40 SQMT
TOTAL PARKING AREA REQUIRED	= 649.43 sqmt (25%)
TOTAL PARKING AREA PROVIDED	= 673.40 sqmt (25.92%)
INCLUDING VISITOR'S PARKING	= 67.34 sqmt
INCLUDING EV VEHICLE PARKING	= 202.02 sqmt
HOUSE OWNER'S SOCIETY OFFICE & ASSEMBLY ROOM(IN 4TH FLOOR)	= 24.04 SQMT
FIRST FLOOR AREA	= 643.96 SQMT
SECOND FLOOR AREA	= 643.96 SQMT
THIRD FLOOR AREA	= 643.96 SQMT
FOURTH FLOOR AREA	= 643.96 SQMT
TOTAL FLOOR AREA	= 2575.84 SQMT
TOTAL FAR AREA (Staircase+Lift+Society Area+floor)	= 2597.73 SQMT
F.A.R	= 2.40
TOTAL BUILT UP AREA (Far + Parking Area+ICT)	= 3285.32 SQMT
PLANTATION	= 14 NOS OF TREE
TOTAL NOS OF UNIT	= 24 Unit

TOTAL VOLUME OF RECHARGING PIT= 709.48/100X 6= 42.54 Cum.
VOLUME OF ONE RECHARGING PIT= 2X1.5X2 = 6 Cum.

SET BACK
FRONT SIDE =2.29 Mt
REAR SIDE =2.34 Mt
LEFT SIDE =2.43 Mt
RIGHT SIDE =2.45 Mt
BUILDING HEIGHT=11.96 Mt

Architect:

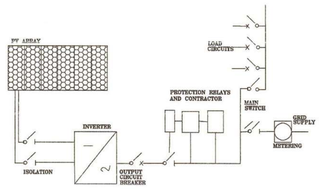
AVANT GARDE DESIGNERS
Architecture Planning Interiors
302,3rd,JanpathTower
Ashok Nagar,
BHUBANESWAR
Email:avantgarde_mail@rediffmail.com

PROJECT TITLE:-

Proposed(S+4) Residential Apartment (MIG.Unit) For M/S Evos Buildcon Pvt.Ltd. Represented Through Its MD Mr Kalinga Keshari Rath, Over Plot no-601/2324 Khata no-229/991, Mouza-Jagasara,Bhubaneswar, Dist-Khurda.

APPLICANT MR.KALINGA KESHARI RATH MD , EVOS BUILDCON PVT.LTD.	DRAWN BY SUCHISMITA
DRAWING TITLE APPROVAL DRAWING (LANDSCAPE LAYOUT PLAN)	DATE SHEET NO-2/3
ARCHITECT'S SIGNATURE Ar. SAMIR KUMAR PATEL CA/2006/38244 AR/298/BDA Ar.SAMIR KUMAR PATEL Registered Architect Regd.No.:-CA/2006/38244 BDA Regd.No.:-AR/298/BDA	APPLICANT'S SIGNATURE Evos Buildcon Pvt. Ltd. Managing Director MR.KALINGA KESHARI RATH MD , EVOS BUILDCON PVT.LTD.

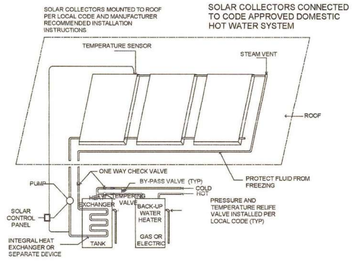
314



SOLAR ROOF TOP PV OF 120KWp

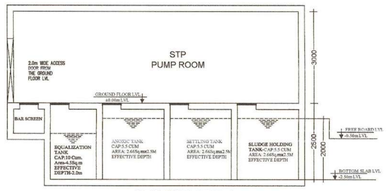
Provided for Solar Power Roof Top PV

SOLAR ENERGY INSTLLATION CALCULATION
TOTAL NO OF DWELLING UNITS = 24 NOS
@ 5000W / DWELLING UNIT , TOTAL ENERGY REQUIRED=120000 W
TOTAL CAPACITY OF SOLAR ENERGY =5% X120000=6000 W

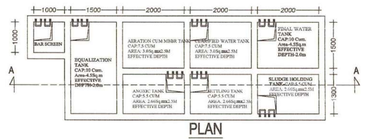


SOLAR WATER HEATER SYSTEM OF CAPACITY 2400 LPD

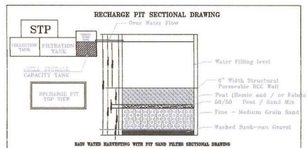
SOLAR WATER HEATING SYSTEM CALCULATION
TOTAL NO OF DWELLING UNITS = 24 NOS
@ 100 LPD / DWELLING UNIT
TOTAL CAPACITY OF SOLAR HEATING SYSTEM= 2400 LPD

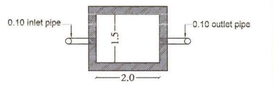


SECTION AT A-A
MBBR SEWERAGE TREATMENT PLANT
CAP:25 KLD



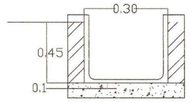
PLAN



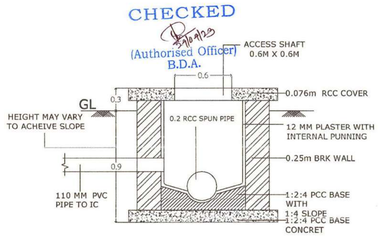


PLAN OF RAIN WATER HARVESTING PIT

VOLUME OF ONE RECHARGING PIT= 2X1.5X2 = 6 Cum.



TYPICAL SECTION OF SURFACE DRAINAGE



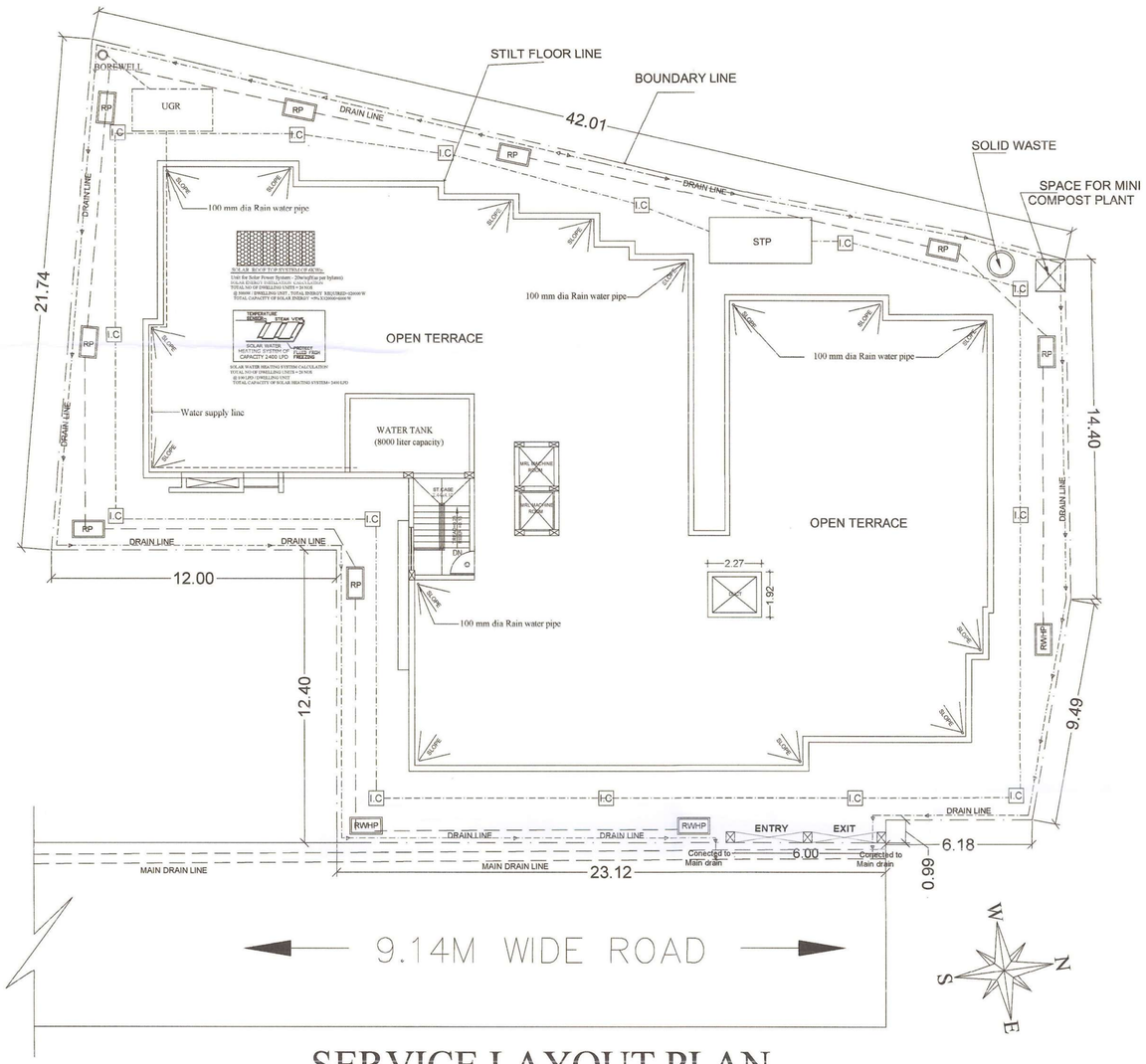
IC DETAIL

CHECKED
(Authorised Officer)
B.D.A.

SL. NO.	TYPE OF BUILDING	NO OF FLAT	NO OF PERSONS PER FLAT	DOMESTIC PER DAY (Ltrs /Head)	FLUSHING PER DAY (Ltrs /Head)	TOTAL CONSUMPTION PER DAY (Ltrs/Head)	TOTAL PERSONS	VISITORS (10%)	TOTAL PER SONS	TOTAL WATER REQUIRED FOR DOMESTIC USES	TOTAL WATER REQUIRED FOR FLUSHING USES	Flow to STP (Black + Grey) Domestic (LPD) - 80%	Flushing (LPD) - 100%	Total (LPD)
1	3 BHK FLAT	23	6	90	45	135	138	14	152	13680	6840	10944	6840	17784
2	2 BHK FLAT	1	5	90	45	135	5	1	6	540	270	432	270	702
3	FILTER BACKWASH									3000				3000
										17220	7110	11376	7110	21486
TOTAL WATER REQUIRED										24330		21486		
IN KLD										25		22		

FOR LANDSCAPE @ 8 LITRE PER 1 SQ METRES 371.64 SQ MTRS.	2973.12
TREATED WATER FROM STP IN LITRES	18337.4
WATER USED FOR FLUSHING IN LITRES	7110
WATER USED FOR GARDENING IN LITRES	2973.12
EXCESS WATER TO BE RECHARGED IN RECHARGE TRENCH IN LITRES	**9254.28**
IN KL	**9.25**

SL.NO	ITEMS	REQUIRED	PROVIDED
1	RECHARGING PIT CALCULATION ROOF AREA = 709.48 Sqmt. @ 6 Cum /100 Sqmt. TOTAL VOLUME OF RECHARGING PIT= 709.48/100X 6= 42.54 Cum. VOLUME OF ONE RECHARGING PIT= 2X1.5X2 = 6 Cum. NO OF RECHARGING PIT= 42.546 = 7.09	8 NOS	8 NOS
2	SOLAR WATER HEATING SYSTEM CALCULATION TOTAL NO OF DWELLING UNITS = 24 NOS @ 100 LPD / DWELLING UNIT TOTAL CAPACITY OF SOLAR HEATING SYSTEM= 2400 LPD	2400 LPD	2400 LPD
3	SOLAR ENERGY INSTLLATION CALCULATION TOTAL NO OF DWELLING UNITS = 24 NOS @ 5000W / DWELLING UNIT , TOTAL ENERGY REQUIRED=120000 W TOTAL CAPACITY OF SOLAR ENERGY =5% X120000=6000 W	6000 W	6000 W



SERVICE LAYOUT PLAN

SCALE=1:100

RAINFALL RUNOFF & NO. OF RECHARGE PITS CALCULATIONS			
SL.NO.	PARTICULARS	UOM	TOTAL
	VOLUME OF RAINFALL PER HOUR		
1	Green Belt	Sq. Mtrs	371.64
2	Highest Rainfall / Hour	mm / Hour	95.2
3	Runoff Coefficient		0.4
Total Volume of Water Runoff / Hour in KL			14
	VOLUME OF RAINFALL PER HOUR		
1	Roof Area	Sq. Mtrs	652.06
2	Highest Recorded Rainfall / Day in Bhubaneswar	mm / Day	95.2
3	Runoff Coefficient		0.9
Total Volume of Water Runoff / Hour in KL			56
1	Excess water from STP	KL	9.2543
Total Volume of Water Runoff / Hour in KL			9
Total Volume of Water Runoff / To be Recharged			79
	RECHARGE PITS CALCULATION		
1	Infiltration Rate	m/hr	0.08
2	Length of the Pit	m	1.50
3	Width of the Pit	m	0.60
4	Depth of the Pit	m	2.00
5	Surface Area of Side Walls of Pit	m^2	2.40
6	Surface Area of Bottom Side of Pit	m^2	0.90
7	Total Infiltration Surface Area of Pit	m^2	3.30
8	Total Quantity of Percolation / Hour	m^3	0.26
9	Volume of Recharge Trench	m^3	1.80
10	No. of Hours Percolation / Day	Hr	4.60
11	Volume of Water Percolation / Pit	KL	1.2144
12	Number of Recharge Trench	Nos	11.00
13	Volume of Water Infiltarated	m^3	81.25
14	Volume of Water Discharged to Storm Water Drain	m^3	-2.13
15	Percentage of STP/STORM Water Infiltarated	%	102.69
16	Percentage of Rain Water Discharged to Muncipal Drain	%	-2.69
15	Percentage of STP/STORM Water Infiltarated	%	129.78
16	Percentage of Rain Water Discharged to Muncipal Drain	%	-3.40

SPACE FOR STAMP

PERMISSION GRANTED UNDER SEC.16(3) OF O.D.A. ACT, 1982 SUBJECT TO CONDITIONS CONTAINED IN LETTER No.../4216..... DATE 01.05.2023 PERMISSION VALID UP TO DT 30.04.2026

Bankar Mohanty 24/4/23
PLANNING MEMBER AUTHORISED OFFICER
BHUBANESWAR DEVELOPMENT AUTHORITY

SCHEDULE OF DOORS & WINDOWS

01	D	1.00MT X 2.10MT	FLUSH DOOR
02	D1	0.96MT X 2.10MT	FLUSH DOOR
03	D2	0.75MT X 2.10MT	FLUSH DOOR
04	SD	2.71MT X 2.10MT	SLIDING DOOR
05	SD1	2.13MT X 2.10MT	SLIDING DOOR
06	SD2	1.27MT X 2.10MT	SLIDING DOOR
07	W	2.00MT X 1.65MT	MS. GLAZED WINDOW
08	W1	1.80MT X 1.65MT	MS. GLAZED WINDOW
09	W2	1.05MT X 1.65MT	MS. GLAZED WINDOW
10	W3	1.42MT X 1.35MT	MS. GLAZED WINDOW
11	V	0.60MT X 0.60MT	MS. GLAZED VENTILATOR

AREA STATEMENT

TOTAL PLOT AREA (As Per Document) = 1081.12 SQM.
TOTAL PLOT AREA (As Per Posession) = 1081.12 SQM.

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ICT LANDING AREA	= 14.19 SQMT
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TOTAL PARKING AREA PROVIDED	= 673.40 sqmt (25.92%)
INCLUDING VISITOR'S PARKING	= 67.34 sqmt
INCLUDING EV VEHICLE PARKING	= 202.02 sqmt
HOUSE OWNER'S SOCIETY OFFICE & ASSEMBLY ROOM(IN 4TH FLOOR)	= 24.04 SQMT
FIRST FLOOR AREA	= 643.96 SQMT
SECOND FLOOR AREA	= 643.96 SQMT
THIRD FLOOR AREA	= 643.96 SQMT
FOURTH FLOOR AREA	= 643.96 SQMT
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F.A.R	= 2.40
TOTAL BUILT UP AREA (Far + Parking Area+ICT)	= 3285.32 SQMT
PLANTATION	= 14 NOS OF TREE
TOTAL NOS OF UNIT	= 24 Unit

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SET BACK
FRONT SIDE =2.29 Mt
REAR SIDE =2.34 Mt
LEFT SIDE =2.43 Mt
RIGHT SIDE =2.45 Mt
BUILDING HEIGHT=11.96 Mt

Architect:
AVANT GARDE DESIGNERS
Architecture Planning Interiors
302,3rd,JanpathTower
Ashok Nagar,
BHUBANESWAR
Email:avantgarde_mail@rediffmail.com

PROJECT TITLE:-

Proposed(S+4) Residential Apartment (MIG.Unit) For M/S Evos Buildcon Pvt.Ltd. Represented Through Its MD Mr Kalinga Keshari Rath, Over Plot no-601/2324 Khata no-229/991, Mouza-Jagasara,Bhubaneswar, Dist-Khurda.

APPLICANT : MR.KALINGA KESHARI RATH, MD , EVOS BUILDCON PVT.LTD.

DRAWN BY: SUCHISMITA

DRAWING TITLE: APPROVAL DRAWING (SERVICE LAYOUT PLAN)

DATE

SHEET NO-X/3

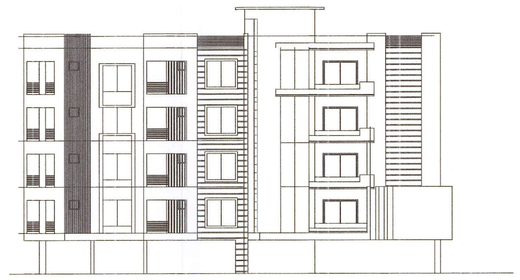
ARCHITECT'S SIGNATURE: Ar. SAMIR KUMAR PATEL CA/2006/38244 AR/298/BDA
Ar.SAMIR KUMAR PATEL
Registered Architect
Regd.No:- CA/2006/38244
BDA Regd.No:- AR/298/BDA

APPLICANT'S SIGNATURE: Evos Buildcon Pvt. Ltd. Kalinga Keshari Rath Managing Director
MR.KALINGA KESHARI RATH
MD , EVOS BUILDCON PVT.LTD.

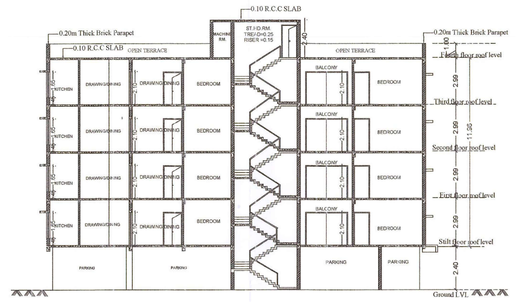
FRONT ELEVATION

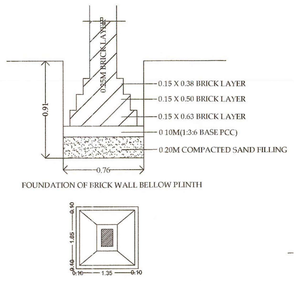
REAR SIDE ELEVATION

LEFT SIDE ELEVATION



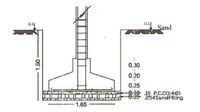
RIGHT SIDE ELEVATION



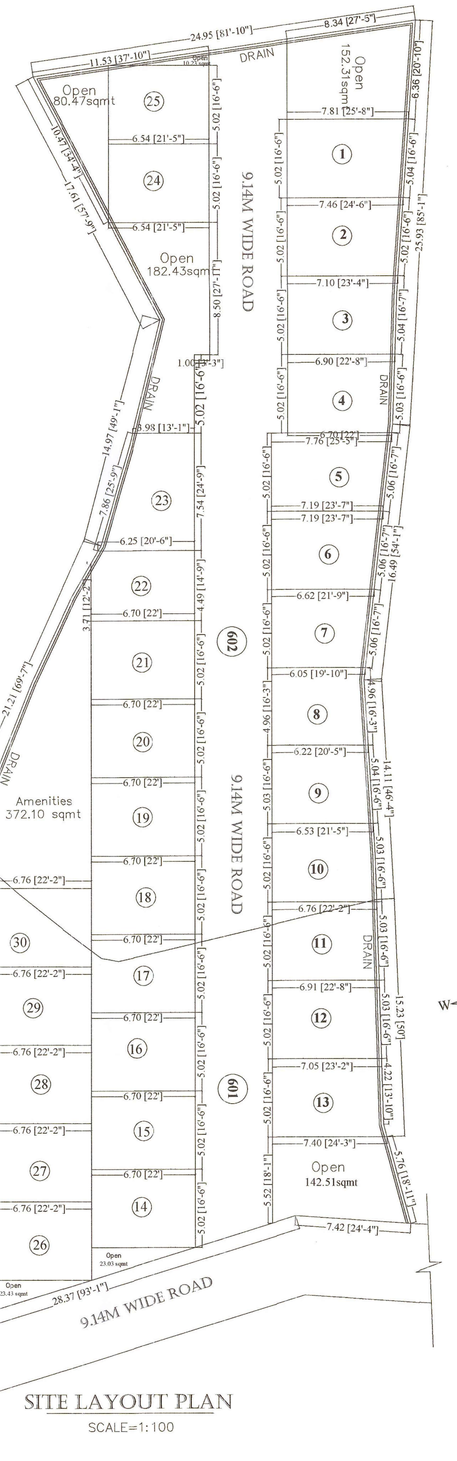


FOUNDATION OF BRICK WALL BELLOW PLINTH

PLAN OF TYPICAL FOOTING

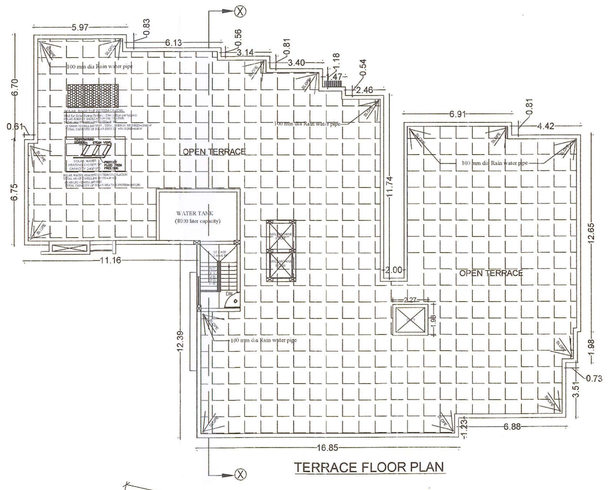


SECTION OF TYPICAL FOOTING

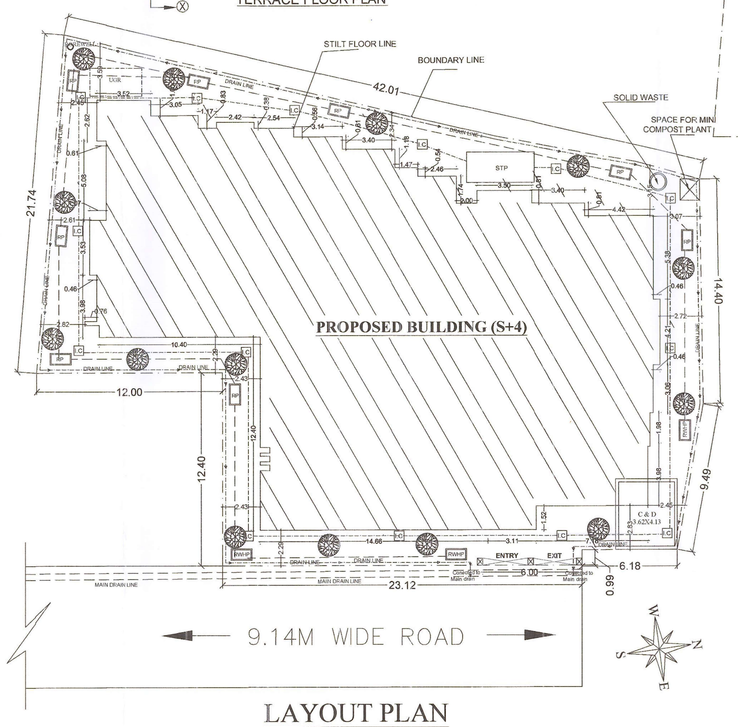


SITE LAYOUT PLAN

SCALE=1:100

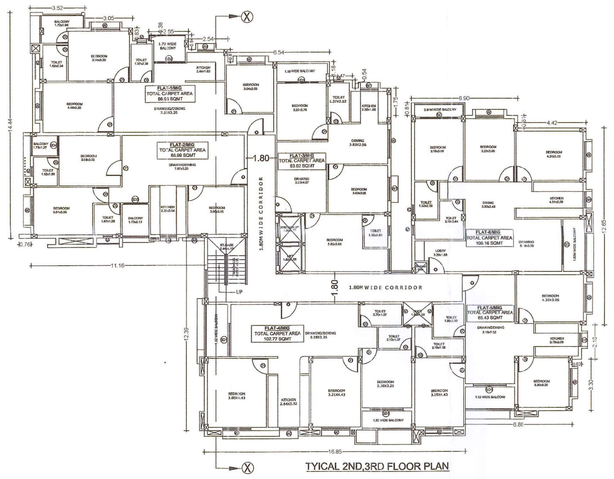


TERRACE FLOOR PLAN

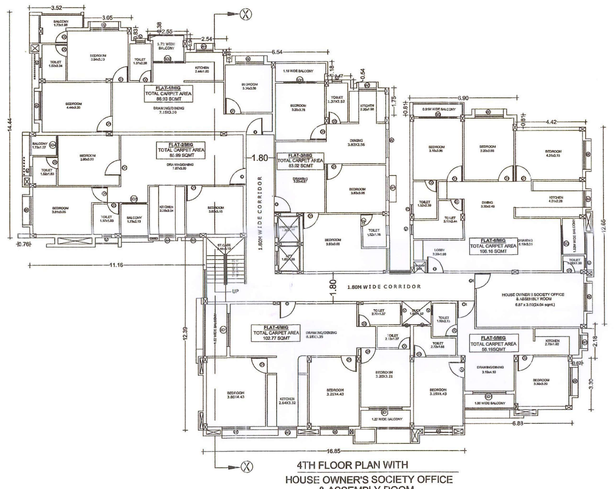


LAYOUT PLAN

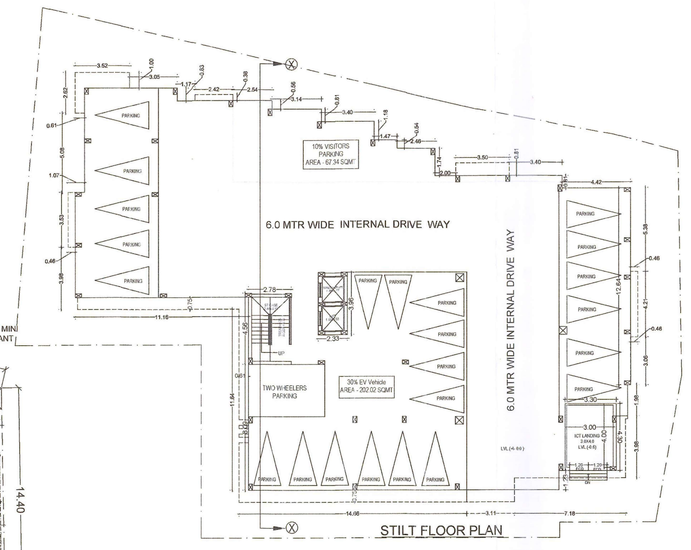
SCALE=1:100



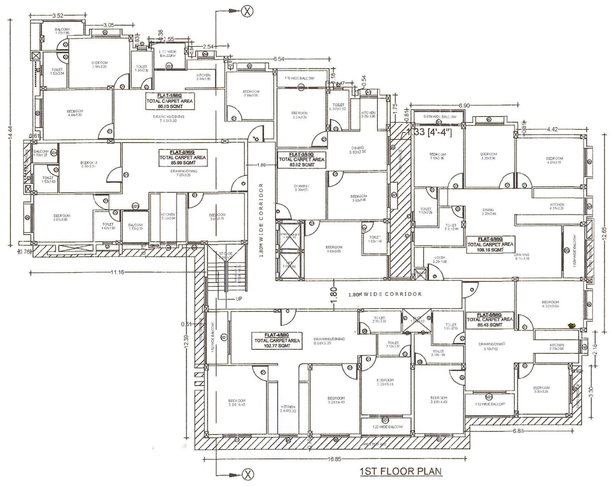
TYICAL 2ND,3RD FLOOR PLAN



4TH FLOOR PLAN WITH HOUSE OWNER'S SOCIETY OFFICE & ASSEMBLY ROOM



STILT FLOOR PLAN



1ST FLOOR PLAN

SL NO	FLOOR	AREA STATEMENT	TYPE						
			FLAT - 1	FLAT - 2	FLAT - 3	FLAT - 4	FLAT - 5	FLAT - 6	
01	1st Floor	Carpet Area	79.24 sqmt	80.14 sqmt	78.77 sqmt	93.92 sqmt	80.59 sqmt	98.24 sqmt	ALL FLOOR TOTAL CARPET AREA (Including balcony & Utility area) **2,175.15 sqmt**
		Balcony & Utility Area	7.69 sqmt	5.85 sqmt	4.25 sqmt	8.85 sqmt	4.84 sqmt	7.92 sqmt	
		BUILT UP AREA	93.52 sqmt	92.77 sqmt	90.23 sqmt	110.51 sqmt	91.96 sqmt	113.06 sqmt	
02	2nd Floor	Carpet Area	79.24 sqmt	80.14 sqmt	78.77 sqmt	93.92 sqmt	80.59 sqmt	98.24 sqmt	
		Balcony & Utility Area	7.69 sqmt	5.85 sqmt	4.25 sqmt	8.85 sqmt	4.84 sqmt	7.92 sqmt	
		BUILT UP AREA	93.52 sqmt	92.77 sqmt	90.23 sqmt	110.51 sqmt	91.96 sqmt	113.06 sqmt	ALL FLOOR TOTAL BUILT UP AREA **2,339.18 sqmt**
03	3rd Floor	Carpet Area	79.24 sqmt	80.14 sqmt	78.77 sqmt	93.92 sqmt	80.59 sqmt	98.24 sqmt	
		Balcony & Utility Area	7.69 sqmt	5.85 sqmt	4.25 sqmt	8.85 sqmt	4.84 sqmt	7.92 sqmt	
		BUILT UP AREA	93.52 sqmt	92.77 sqmt	90.23 sqmt	110.51 sqmt	91.96 sqmt	113.06 sqmt	
04	4th Floor	Carpet Area	79.24 sqmt	80.14 sqmt	78.77 sqmt	93.92 sqmt	56.19 sqmt	98.24 sqmt	
		Balcony & Utility Area	7.69 sqmt	5.85 sqmt	4.25 sqmt	8.85 sqmt	3.19 sqmt	6.25 sqmt	
		BUILT UP AREA	93.52 sqmt	92.77 sqmt	90.23 sqmt	110.51 sqmt	64.27 sqmt	111.73 sqmt	

SPACE FOR STAMP

CHECKED
(Authorised Officer)
B.D.A.

PERMISSION GRANTED UNDER SEC.16(3) OF O.D.A. ACT, 1982 SUBJECT TO CONDITIONS CONTAINED IN LETTER No. 14216 DATE 01.05.2023
PERMISSION VALID UP TO DT 30.04.2026
Bankar Mohanty 29/4/23
PLANNING MONITORING AUTHORITY
BHUBANESWAR DEVELOPMENT AUTHORITY

SCHEDULE OF DOORS & WINDOWS

01	D	1.00MT X 2.10MT	FLUSH DOOR
02	D1	0.96MT X 2.10MT	FLUSH DOOR
03	D2	0.75MT X 2.10MT	FLUSH DOOR
04	SD	2.74MT X 2.10MT	SLIDING DOOR
05	SD1	2.13MT X 2.10MT	SLIDING DOOR
06	SD2	1.27MT X 2.10MT	SLIDING DOOR
07	W	2.00MT X 1.65MT	MS. GLAZED WINDOW
08	W1	1.83MT X 1.65MT	MS. GLAZED WINDOW
09	W2	1.07MT X 1.65MT	MS. GLAZED WINDOW
10	W3	1.42MT X 1.35MT	MS. GLAZED WINDOW
11	V	0.60MT X 0.60MT	MS. GLAZED VENTILATOR

AREA STATEMENT

TOTAL PLOT AREA (As Per Document) = 1081.12 SQM.
TOTAL PLOT AREA (As Per Posession) = 1081.12 SQM.

STILT FLOOR AREA	= 709.48 SQMT
STAIRCASE & LIFT AREA	= 21.89 SQMT
ICT LANDING AREA	= 14.19 SQMT
STILT FLOOR PARKING AREA	= 673.40 SQMT
TOTAL PARKING AREA REQUIRED	= 649.43 sqmt (25%)
TOTAL PARKING AREA PROVIDED	= 673.40 sqmt (25.92%)
INCLUDING VISITOR'S PARKING	= 67.34 sqmt
INCLUDING EV VEHICLE PARKING	= 202.02 sqmt
HOUSE OWNER'S SOCIETY OFFICE & ASSEMBLY ROOM(IN 4TH FLOOR)	= 24.04 SQMT
FIRST FLOOR AREA	= 643.96 SQMT
SECOND FLOOR AREA	= 643.96 SQMT
THIRD FLOOR AREA	= 643.96 SQMT
FOURTH FLOOR AREA	= 643.96 SQMT
TOTAL FLOOR AREA	= 2575.84 SQMT
TOTAL FAR AREA (Staircase+Lift+Society Area+floor)	= 2597.73 SQMT
F.A.R	= 2.40
TOTAL BUILT UP AREA (Far + Parking Area+ICT)	= 3285.32 SQMT
PLANTATION	= 14 NOS OF TREE
TOTAL NOS OF UNIT	= 24 Unit

TOTAL VOLUME OF RECHARGING PIT= 709.48/100X 6= 42.54 Cum.
VOLUME OF ONE RECHARGING PIT= 2X1.5X2 = 6 Cum.

SET BACK
FRONT SIDE =2.29 Mt
REAR SIDE =2.34 Mt
LEFT SIDE =2.43 Mt
RIGHT SIDE =2.45 Mt
BUILDING HEIGHT=11.96 Mt

Architect:

AVANT GARDE DESIGNERS
Architecture Planning Interiors
302,3rd,JanpathTower
Ashok Nagar,
BHUBANESWAR
Email:avantgarde_mail@rediffmail.com

PROJECT TITLE:-

Proposed(S+4) Residential Apartment (MIG.Unit) For M/S Evos Buildcon Pvt.Ltd. Represented Through Its MD Mr Kalinga Keshari Rath, Over Plot no-601/2324 Khata no-229/991, Mouza-Jagasara,Bhubaneswar, Dist-Khurda.

APPLICANT MR.KALINGA KESHARI RATH MD , EVOS BUILDCON PVT.LTD.	DRAWN BY SUCHISMITA
DRAWING TITLE APPROVAL DRAWING (LANDSCAPE LAYOUT PLAN)	DATE SHEET NO-1/3
ARCHITECT'S SIGNATURE Ar. SAMIR KUMAR PATEL CA/2006/38244 AR/298/BDA Ar.SAMIR KUMAR PATEL Registered Architect Regd.No:- CA/2006/38244 BDA Regd.No.:-AR/298/BDA	APPLICANT'S SIGNATURE Evos Buildcon Pvt. Ltd. Kalinga Keshari Rath Managing Director MR.KALINGA KESHARI RATH MD , EVOS BUILDCON PVT.LTD.