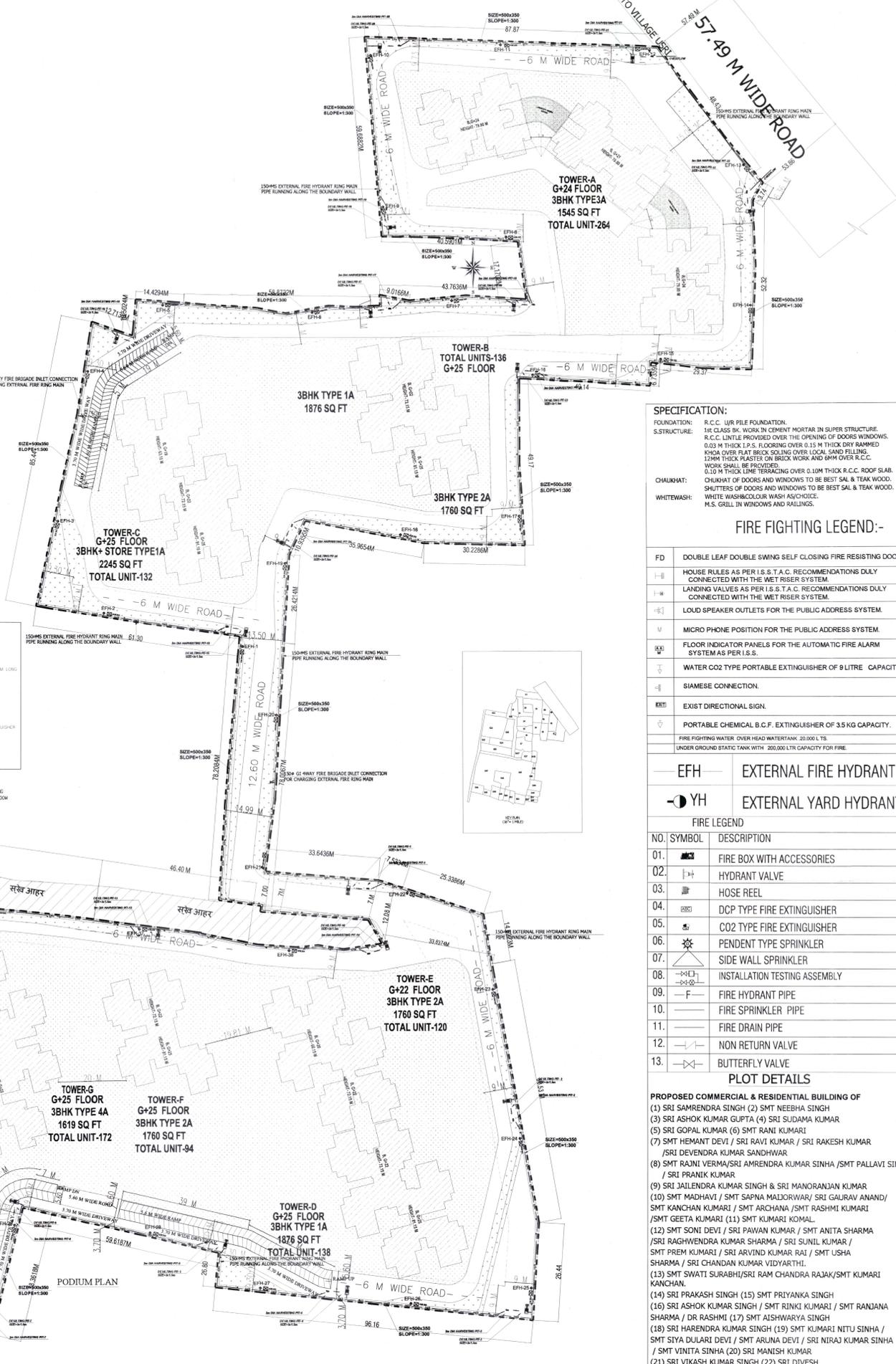
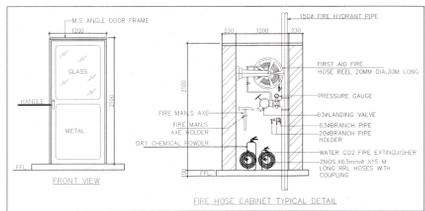
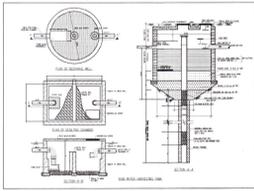


RUN-OFF CALCULATIONS FOR HARVESTING PIT

Type of Area	Area (m ²)	Coefficient of run-off	Rain rainfall during one hour (m)	Intensity of hour	Rain water harvesting potential/hour (m ³ /hr)
Roof-top Area	9656	0.85	0.065		533.5
Green Area	29115	0.25	0.065		473.1
Paved Area	16181	0.65	0.065		683.6
Total storm water load on the site with per hour retention=1690.2 m ³ /hr					
Considering 30 minutes retention, total storm water load					845.1 m ³
Taking the effective dia and effective depth as 3 m and 4.5 m respectively, volume of a RWH pit (π r ² h)					43.27 m ³
Hence no. of pits required=Storm water load/ Volume of a RWH pit					19.53
No. of Recharge Pits proposed					20 Nos.



SPECIFICATION:
 FOUNDATION: R.C.C. U/R PILE FOUNDATION.
 S.STRUCTURE: 1st CLASS BK. WORK IN CEMENT MORTAR IN SUPER STRUCTURE. R.C.C. LITTLE PROVIDED OVER THE OPENING OF DOORS WINDOWS. 0.03 M THICK U.P.S. FLOORING OVER 0.15 M THICK DRY DAMMED KHOA OVER FLAT BRICK SOLING OVER LOCAL SAND FILLING. 13MM THICK PLASTER ON BRICK WORK AND GANJ OVER R.C.C. WORK SHALL BE PROVIDED. 0.10 M THICK LINE TERRACING OVER 0.10M THICK R.C.C. ROOF SLAB. CHUKHAT OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD. SHUTTERS OF DOORS AND WINDOWS TO BE BEST SAL & TEAK WOOD. WHITE WASH/COLOUR WASH AS CHOICE. H.S. GRILL IN WINDOWS AND RAILINGS.

FIRE FIGHTING LEGEND:-

FD	DOUBLE LEAF DOUBLE SWING SELF CLOSING FIRE RESISTING DOOR
—	HOUSE RULES AS PER I.S. 8. T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
—	LANDING VALVES AS PER I.S. 8. T.A.C. RECOMMENDATIONS DULY CONNECTED WITH THE WET RISER SYSTEM.
—	LOUD SPEAKER OUTLETS FOR THE PUBLIC ADDRESS SYSTEM.
M	MICRO PHONE POSITION FOR THE PUBLIC ADDRESS SYSTEM.
—	FLOOR INDICATOR PANELS FOR THE AUTOMATIC FIRE ALARM SYSTEM AS PER I.S. 8.
—	WATER CO2 TYPE PORTABLE EXTINGUISHER OF 9 LITRE CAPACITY.
—	SIAMESE CONNECTION.
—	EXIST DIRECTIONAL SIGN.
—	PORTABLE CHEMICAL B.C.F. EXTINGUISHER OF 3.5 KG CAPACITY.
—	FIRE FIGHTING WATER OVER HEAD WATERTANK 20,000 LTR.
—	UNDER GROUND STATIC TANK WITH 200,000 LTR CAPACITY FOR FIRE.

EFH — EXTERNAL FIRE HYDRANT
 YH — EXTERNAL YARD HYDRANT

FIRE LEGEND

NO.	SYMBOL	DESCRIPTION
01.	—	FIRE BOX WITH ACCESSORIES
02.	—	HYDRANT VALVE
03.	—	HOSE REEL
04.	—	DCP TYPE FIRE EXTINGUISHER
05.	—	CO2 TYPE FIRE EXTINGUISHER
06.	—	PENDENT TYPE SPRINKLER
07.	—	SIDE WALL SPRINKLER
08.	—	INSTALLATION TESTING ASSEMBLY
09.	—	FIRE HYDRANT PIPE
10.	—	FIRE SPRINKLER PIPE
11.	—	FIRE DRAIN PIPE
12.	—	NON RETURN VALVE
13.	—	BUTTERFLY VALVE

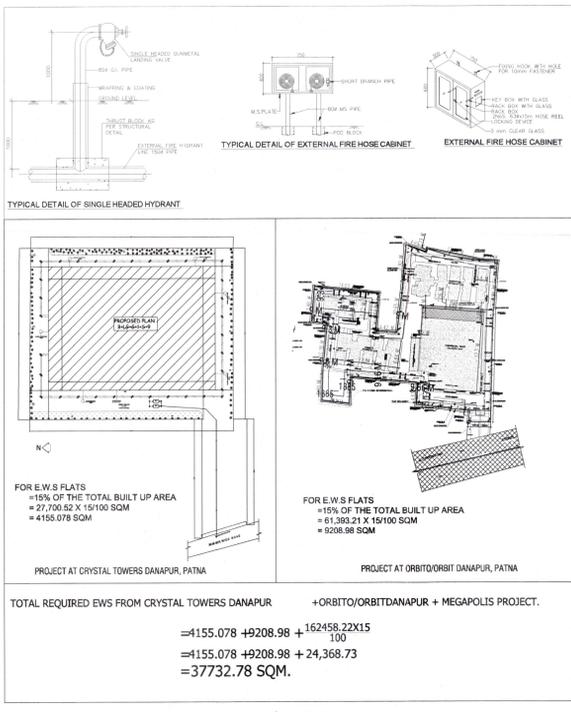
PLOT DETAILS

PROPOSED COMMERCIAL & RESIDENTIAL BUILDING OF
 (1) SRI SAMRENDRA SINGH (2) SMT NEEHA SINGH
 (3) SRI ASHOK KUMAR GUPTA (4) SRI SUDAMA KUMAR
 (5) SRI GOPAL KUMAR (6) SMT RANI KUMARI
 (7) SMT HEMANT DEVI / SRI RAVI KUMAR / SRI RAKESH KUMAR
 / SRI DEVENDRA KUMAR SANDHWAR
 (8) SMT RAJNI VERMA/SRI AMRENDRA KUMAR SINHA /SMT PALLAVI SINGH
 / SRI PRANIK KUMAR
 (9) SRI JAILENDRA KUMAR SINGH & SRI MANORANJAN KUMAR
 (10) SMT MADHAVI / SMT SAPNA MADHAWAR / SRI GAURAV ANAND/
 SMT KANCHAN KUMARI / SMT ARCHANA /SMT RASHMI KUMARI
 /SMT GEETA KUMARI (11) SMT KUMARI KOMAL
 (12) SMT SONI DEVI / SRI PAVAN KUMAR / SMT ANITA SHARMA
 /SRI RAGHWEENDRA KUMAR SHARMA / SRI SUNIL KUMAR /
 SMT PREM KUMAR / SRI ARVIND KUMAR RAJ / SMT USHA
 SHARMA / SRI CHANDAN KUMAR VIDYARTHI.
 (13) SMT SWATI SURABHI/SRI RAM CHANDRA RAJAK/SMT KUMARI
 KANCHAN.
 (14) SRI PRAKASH SINGH (15) SMT PRIYANKA SINGH
 (16) SRI ASHOK KUMAR SINGH / SMT RINKI KUMARI / SMT RANJANA
 SHARMA / DR RASHMI (17) SMT AISHWARYA SINGH
 (18) SRI HARENDRA KUMAR SINGH (19) SMT KUMARI NITU SINHA /
 SMT SIYA DULARI DEVI / SMT ARUNA DEVI / SRI NIRAJ KUMAR SINHA
 / SMT VINITA SINHA (20) SRI MANISH KUMAR
 (21) SRI VIKASH KUMAR SINGH (22) SRI DIVESH
 (23) SMT SHARMILA KUMARI (24) SMT KUMARI KANCHAN / SMT SUJATA
 / SMT ARTI KUMARI (25) SMT LAKHPATI DEVI / SMT RITA DEVI / SRI
 JANARDAN PRASAD. (26) SRI MUNNU PRASAD
 (27) SMT PRABHA SAHAY (28) SMT UMA DEVI (29) SRI KUMAR SHIVAM
 (30) SRI MUKUL CHAND SINGH (31) SRI MANISH KUMAR
 (32) SRI SANJAY SINGH (33) SMT PUSHPA KUMARI
 (34) SRI MANOJ KUMAR & ETC.
 AT MALJA SARARI & LAKHNBIGHA, KHATA NO- 375,175,
 186,185,29,391,188,204,413,81,331,81 & ETC.
 PLOT NO-546,547,19,20,39,14,526(P),40,527,527/1817,525,522,15 & ETC.
 THANA NO-44,41, AT USARI SARARI DANAPUR, PATNA.

DEVELOPER:-
 M/S MUNDESHWARI MULTICON PVT. LTD.

SITE PLAN SCALE 1:100 DRAWING NO. 01/25

MUNDESHWARI MULTICON PVT. LTD.
 Managing Director
 229, BR/UB/D/BD-23/072
 E.T. VIJAY KUMAR
 STRUCTURAL ENGINEER
 REG. NO. BR/UB/08/023-077
 SIG. OF STRUCTURE ENGINEER
 ANAMIKA NANDAN
 ARCHITECT
 Council of Architecture
 NEW DELHI
 Regn. No. CA/99/24762
 SIGNATURE OF OWNER/DEVELOPER SIGNATURE OF ARCHITECT



MEGAPOLIS PROJECT FAR AREA CALCULATION

Sl. No.	Particulars	Area (sqm)	Remarks
1	Plot Area	15100	
2	Area reserved for roads	15100	
3	Area reserved for open spaces	15100	
4	Area reserved for parking	15100	
5	Area reserved for other uses	15100	
6	Total	15100	

LEGEND:-

SYMBOL	DESCRIPTION
—	VALVE
—	NON RETURN VALVE
—	EXTERNAL FIRE HYDRANTS
—	FIRE BRIGADE INLET CONNECTION TO TANK
—	FIRE BRIGADE WITHDRAL CONNECTION FROM TANK
—	EXTERNAL FIRE HYDRANT C/C GEN
—	FIRE HYDRANT LINE
—	RAIN WATER HARVESTING
—	DESILTING PIT

Patna Metropolitan Area Authority
 Section of Plan Case No. 16/2019/2019
 dated 16/08/2019
 Development Control Regulations for Patna
 Master Plan 2031 (Bye-laws No 8 of Bihar Building Bye-laws 2014 as amended 2022) on Date 06/08/2024

TOTAL REQUIRED EWS FROM CRYSTAL TOWERS DANAPUR
 =1155.078 +9208.98 + 162458.22X15
 =1155.078 +9208.98 + 24,368.73
 =37732.78 SQM.

+ORBITO/ORBIDDANAPUR + MEGAPOLIS PROJECT.
 =1155.078 +9208.98 + 162458.22X15
 =1155.078 +9208.98 + 24,368.73
 =37732.78 SQM.