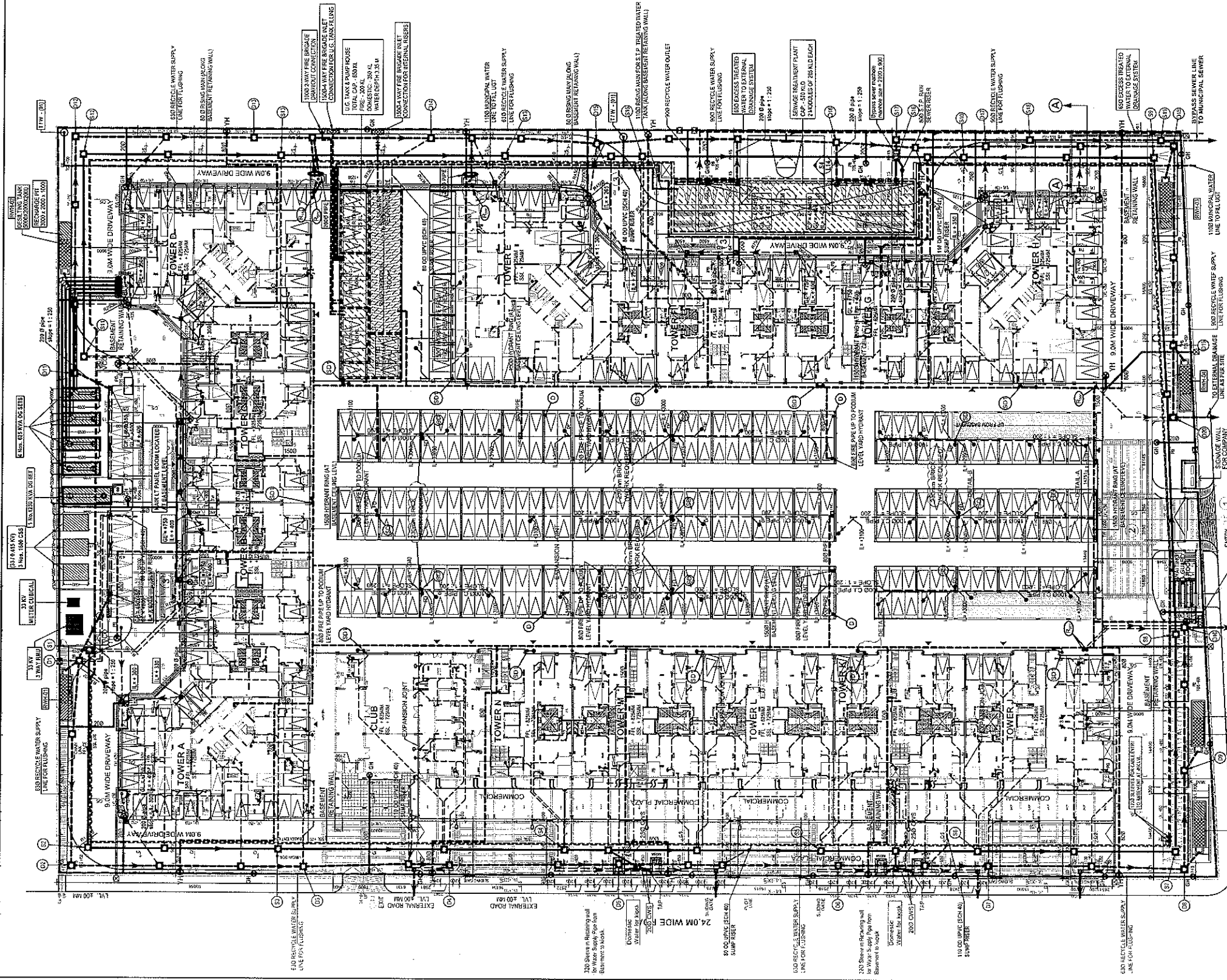




LEGEND :		DESCRIPTION
S. No.	SYMBOL	
1.	MANHOLE	
2.	SEWER LINE	
3.	CATCH PIT	
4.	UNDERGROUND PIPE DRAIN	
5.	SURFACE DRAIN	
6.	RISING MAIN LINE FROM T.M. TO C.T.	
7.	MUNICIPAL WATER SUPPLY PIPE LINE	
8.	RECYCLED WATER SUPPLY LINE FOR IRRIGATION	
9.	PROPOSED FIRE WELL	
10.	GARDEN FOUNTAIN	
11.	BASEMENT RETAINING WALL	
12.	CATCH PIT 750X750	
13.	CATCH PIT 900X900	
14.	CATCH PIT 1200X1200	
15.	RAIN WATER HARVESTING	
16.	200 Ø PVC SANI WATER PIPE	
17.	160 Ø PVC RAIN WATER PIPE	
18.	1000 SETFL FLOOR DRAIN PIPE	
19.	1000 SETFL 900 Ø FLOOR DRAIN PIPE & 200 Ø SURFACE DRAIN PIPE	
20.	1000 Ø 300 SURFACE DRAIN PIPE	
21.	300 SURFACE DRAIN POINT AT CEILING LVL	
22.	FLOOR DRAIN AT 1 ST FLOOR LVL	

LEGEND : FIRE SYSTEM		
S. No.	SYMBOL	DESCRIPTION
1.		FIRE LINE
2.		WATER HYDRANT WATER SUPPLY VALVE WITH 2 INCH 15 M LONG 1/2 IN DIA FIRE HOSE PIPE & TWO BRANCH PIPE WITH NOZZLE
3.		FIRE BRIGADE CONNECTION
4.		BUTTERFLY VALVE
5.		NON-RETURN VALVE (CHECK VALVE)
6.		FIRE ALARM

NOTES : DRAINAGE SYSTEM

1. THE SIZE OF CATCHPIT SHALL BE AS UNDER: INNER SIZES
 - a) Size 500 mm in dia
 - b) 500 to 1050 mm in dia
 - c) 1050 to 1500 mm in dia
 - d) 1500 to 2250 mm in dia
 - e) Above 2250 mm in dia
2. The level of drainage pit shall have vertical rise on the basis of drainage slope for the entire pipe length with 10 mm. provided, the vertical rise shall be such however, the slope of the pipe be 1:1000.
3. For any interference / connection at manhole about 100 mm to be maintained before.
4. Capacity should be provided as following point
 - a) Area, size of each room
 - b) Area, position and position where there is change of floor, GROUND AND 1ST FLOOR
 - c) Air not reaching in the corner / pipe meeting has to be given for wall the conditions such as that of wall / pipe meeting has to be given for wall the conditions.
 - d) The drainage pit shall be laid along with the double to discharge the 1ST floor, 2ND floor, 3RD floor, 4TH floor, 5TH floor, 6TH floor, 7TH floor, 8TH floor, 9TH floor, 10TH floor, 11TH floor, 12TH floor, 13TH floor, 14TH floor, 15TH floor, 16TH floor, 17TH floor, 18TH floor, 19TH floor, 20TH floor, 21TH floor, 22TH floor, 23TH floor, 24TH floor, 25TH floor, 26TH floor, 27TH floor, 28TH floor, 29TH floor, 30TH floor, 31TH floor, 32TH floor, 33TH floor, 34TH floor, 35TH floor, 36TH floor, 37TH floor, 38TH floor, 39TH floor, 40TH floor, 41TH floor, 42TH floor, 43TH floor, 44TH floor, 45TH floor, 46TH floor, 47TH floor, 48TH floor, 49TH floor, 50TH floor, 51TH floor, 52TH floor, 53TH floor, 54TH floor, 55TH floor, 56TH floor, 57TH floor, 58TH floor, 59TH floor, 60TH floor, 61TH floor, 62TH floor, 63TH floor, 64TH floor, 65TH floor, 66TH floor, 67TH floor, 68TH floor, 69TH floor, 70TH floor, 71TH floor, 72TH floor, 73TH floor, 74TH floor, 75TH floor, 76TH floor, 77TH floor, 78TH floor, 79TH floor, 80TH floor, 81TH floor, 82TH floor, 83TH floor, 84TH floor, 85TH floor, 86TH floor, 87TH floor, 88TH floor, 89TH floor, 90TH floor, 91TH floor, 92TH floor, 93TH floor, 94TH floor, 95TH floor, 96TH floor, 97TH floor, 98TH floor, 99TH floor, 100TH floor, 101TH floor, 102TH floor, 103TH floor, 104TH floor, 105TH floor, 106TH floor, 107TH floor, 108TH floor, 109TH floor, 110TH floor, 111TH floor, 112TH floor, 113TH floor, 114TH floor, 115TH floor, 116TH floor, 117TH floor, 118TH floor, 119TH floor, 120TH floor, 121TH floor, 122TH floor, 123TH floor, 124TH floor, 125TH floor, 126TH floor, 127TH floor, 128TH floor, 129TH floor, 130TH floor, 131TH floor, 132TH floor, 133TH floor, 134TH floor, 135TH floor, 136TH floor, 137TH floor, 138TH floor, 139TH floor, 140TH floor, 141TH floor, 142TH floor, 143TH floor, 144TH floor, 145TH floor, 146TH floor, 147TH floor, 148TH floor, 149TH floor, 150TH floor, 151TH floor, 152TH floor, 153TH floor, 154TH floor, 155TH floor, 156TH floor, 157TH floor, 158TH floor, 159TH floor, 160TH floor, 161TH floor, 162TH floor, 163TH floor, 164TH floor, 165TH floor, 166TH floor, 167TH floor, 168TH floor, 169TH floor, 170TH floor, 171TH floor, 172TH floor, 173TH floor, 174TH floor, 175TH floor, 176TH floor, 177TH floor, 178TH floor, 179TH floor, 180TH floor, 181TH floor, 182TH floor, 183TH floor, 184TH floor, 185TH floor, 186TH floor, 187TH floor, 188TH floor, 189TH floor, 190TH floor, 191TH floor, 192TH floor, 193TH floor, 194TH floor, 195TH floor, 196TH floor, 197TH floor, 198TH floor, 199TH floor, 200TH floor, 201TH floor, 202TH floor, 203TH floor, 204TH floor, 205TH floor, 206TH floor, 207TH floor, 208TH floor, 209TH floor, 210TH floor, 211TH floor, 212TH floor, 213TH floor, 214TH floor, 215TH floor, 216TH floor, 217TH floor, 218TH floor, 219TH floor, 220TH floor, 221TH floor, 222TH floor, 223TH floor, 224TH floor, 225TH floor, 226TH floor, 227TH floor, 228TH floor, 229TH floor, 230TH floor, 231TH floor, 232TH floor, 233TH floor, 234TH floor, 235TH floor, 236TH floor, 237TH floor, 238TH floor, 239TH floor, 240TH floor, 241TH floor, 242TH floor, 243TH floor, 244TH floor, 245TH floor, 246TH floor, 247TH floor, 248TH floor, 249TH floor, 250TH floor, 251TH floor, 252TH floor, 253TH floor, 254TH floor, 255TH floor, 256TH floor, 257TH floor, 258TH floor, 259TH floor, 260TH floor, 261TH floor, 262TH floor, 263TH floor, 264TH floor, 265TH floor, 266TH floor, 267TH floor, 268TH floor, 269TH floor, 270TH floor, 271TH floor, 272TH floor, 273TH floor, 274TH floor, 275TH floor, 276TH floor, 277TH floor, 278TH floor, 279TH floor, 280TH floor, 281TH floor, 282TH floor, 283TH floor, 284TH floor, 285TH floor, 286TH floor, 287TH floor, 288TH floor, 289TH floor, 290TH floor, 291TH floor, 292TH floor, 293TH floor, 294TH

LEGEND : FIRE SYSTEM

YARD HYDRANT PIPE DIA :

- a) 1 No of yard hydrants pipe dia to be = 600
- b) 2 To 3 no of yard hydrants pipe dia to be = 1000
- c) 4 No of yard hydrants and above pipe dia to be = 1500

NOTES: WATER SUPPLY

1. The extent of required water supply must shall be 500 mm
2. The depth of trench must shall be 1000 mm
3. Pipe material for : Pipe will ready made & municipal live shall be UPVC SCS-59
4. Pipe noticed for national water supply : required live shall be HDPE PE100 P83

NOTES : SEWERAGE SYSTEM

1. THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)

a) Up to 300 mm dia	600 x 600 mm
b) 300 to 1500 mm dia	900 mm dia
c) 1500 to 2250 mm dia	1200 mm dia

- The levels of several lines have been worked out on the basis of earlier found level and by comparing positions between two matches the exact levels has to be exactly followed. However, the scope of line may be slightly changed.
- For any discrepancy / discussion the matter should refer to the consultants before finalization.
- Marking shall be provided at following places :
 - At the start of each sewer line

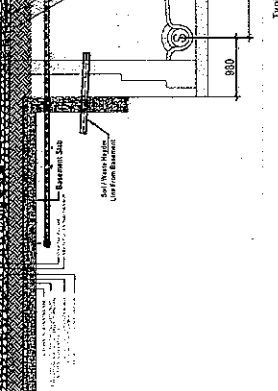
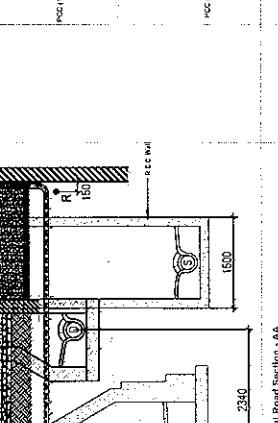
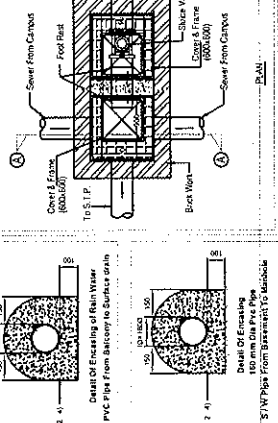
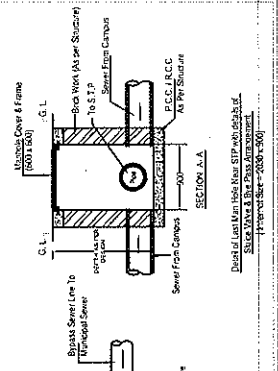
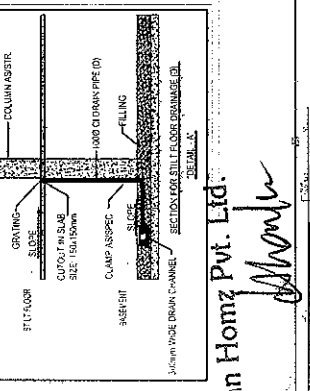
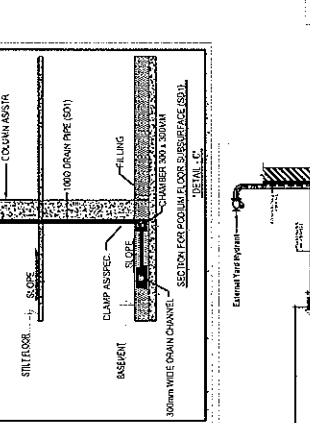
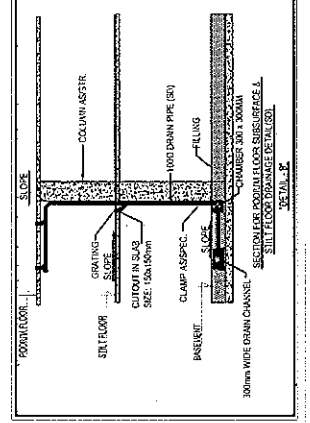
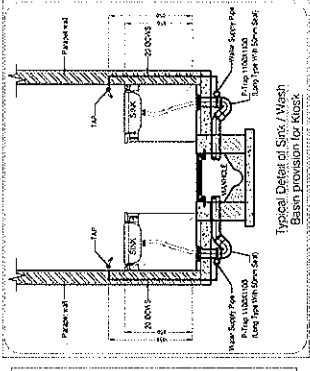
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R-2	11/08/2017	RAIN WATER PIPE POSITION MODIFIED.
R-1	25/04/2017	SUB SURFACE DRAINAGE ADDED.
rev. no.	date	revision



Architects :
DEEPAK MEHTA & ASSOCIATES
ARCHITECTS, PLANNERS, VALUERS, LANDSCAPE & INTERIORS
PLOT NO. 16 AGNISHEKH PLAZA L.S.C. MAYAPUR VIKAS PHASE 91
PH: 65271150 TELEFAX: 22770159

For :	Drg. No :	Drawn By :
COPY	G.B / ES-02	Baldev
IN	Date :	Design By :
UTION	November 2016	Sanjay Goel
	Scale :	Ckd By :
	1 : 400	Anand Navatia

Title:
LAYOUT PLAN

Subtitle:
SERVICES CO-ORDINATION PLAN

Drawing Release:

☐ APPROVAL	☐ ADVANCE	☐ SUBMISS	☒ CONSTR
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Project :
GULSHAN BELLINA HOUSING,
GREATER NOIDA.

NOTES : (DRAINAGE SYSTEM)

1. ALL SUB SURFACE DRAINAGE CORE CUT POINTS TO BE 63 IN DIA.
2. ALL SURFACE DRAINAGE CORE CUT POINTS TO BE MIN. 100 MM DIA OR AS PER
PIPE DATA IN THE PLAN.
3. MATERIAL OF PIPE :-
a) ALL PIPES WHICH HAVE ONLY SUB SURFACE DRAIN TO BE UPVC PIPE
b) ALL PIPES WHICH HAVE SURFACE & SUB SURFACE DRAIN TO BE
CONCRETE/CLAY TILE PIPE (100 MM)

LEGEND :

S. No.	SYMBOL	DESCRIPTION
1.		200 PVC RAIN WATER PIPE
2.		150 PVC RAIN WATER PIPE
3.		SURFACE DRAIN
4.		RECYCLED WATER SUPPLY LINE FOR HORTICULTURE
5.		GARDEN HYDRANT
6.		BASINMENT RETAINING WALL
7.		CATCH PIT 1500/900
8.		CATCH PIT 1200/450
9.		SUB SURFACE DRAINAGE POINT

LEGEND : FIRE SYSTEM

S. No.	SYMBOL	DESCRIPTION
1.		FIRE LINE
2.		YARD HYDRANT
3.		63 MM GEL SMOKE INJECTED INSTANT VALVE
4.		150 BRANCH PIPE WITH NOZZLE
5.		FIRE BRIGADE CONNECTION
6.		BUTTERFLY VALVE
7.		NON RETURN VALVE (CHECK VALVE)
8.		ISOLATING VALVE WITH ADJUNCT CHAMBER
9.		B

LEGEND : FIRE SYSTEM

YARD HYDRANT PIPE DIA :-

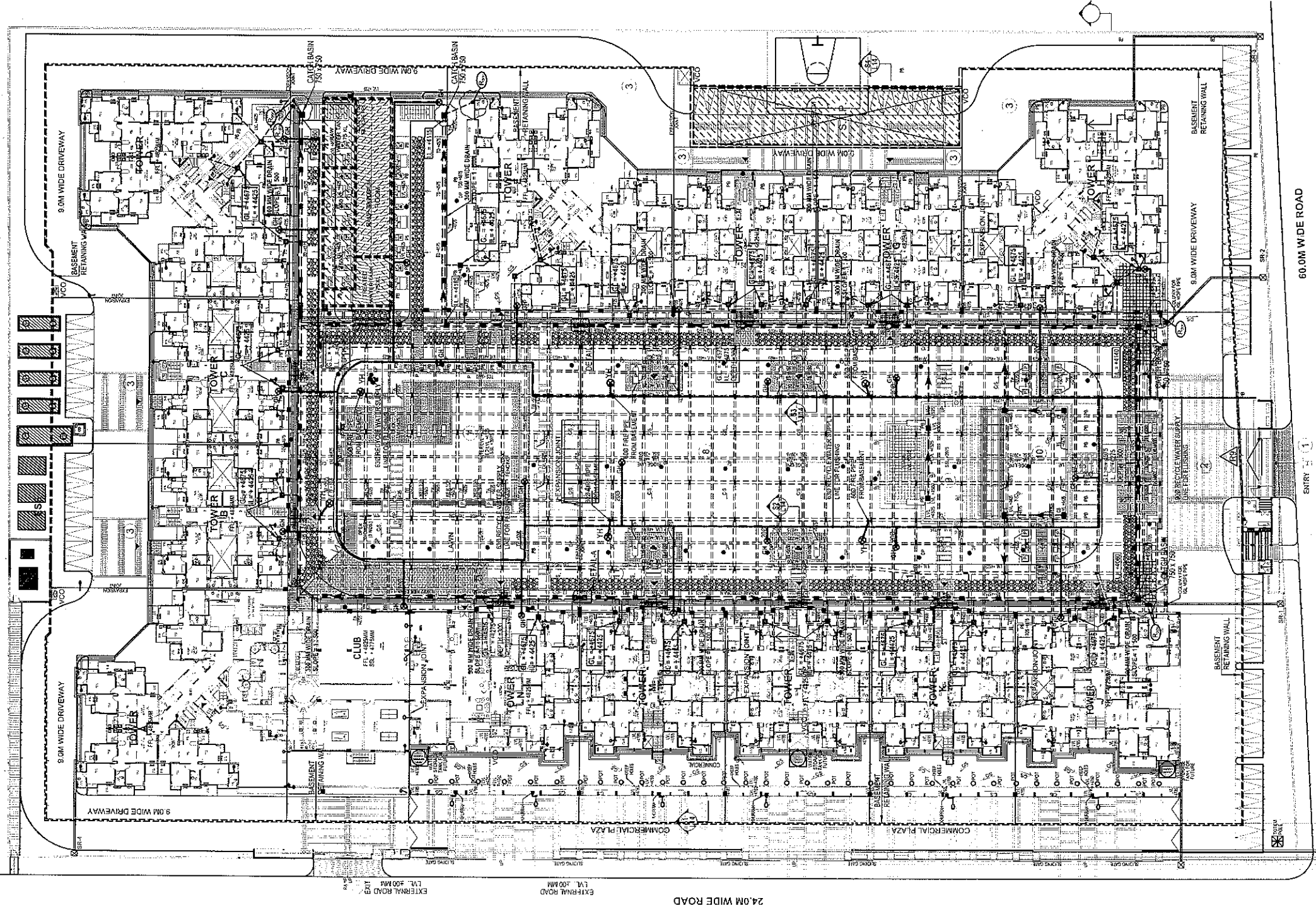
a) 1 No of yard hydrant pipe dia to be = 800
b) 2 No of yard hydrant pipe dia to be = 1000
c) 4 No of yard hydrant pipe dia to be = 1000

NOTES : SURFACE DRAINAGE SYSTEM

1. For any discrepancy between the notes and the plan, the notes shall prevail.
2. Slope shall be provided as indicated for surface drains.
3. Top level of the area shall be as per the proposed ground level of the site.
4. The drain, bedding shall be to be provided as per the notes and the plan.
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REVISION

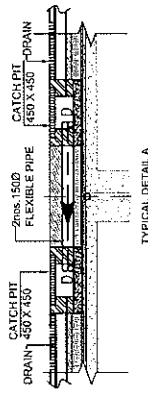
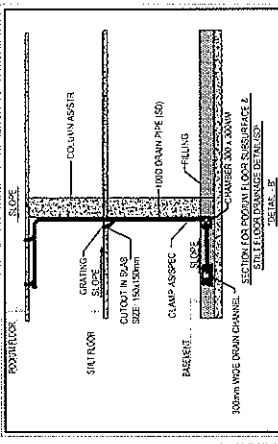
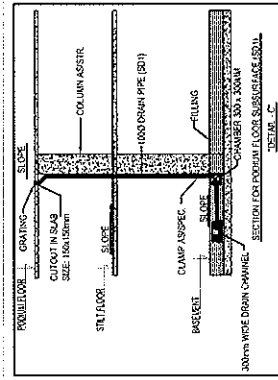
REV.	DATE	REVISION
R-1	25/04/2017	SUB SURFACE DRAINAGE ADDED
YTD.		DATE



For Gulshan Homz Pvt. Ltd.

[Signature]

Authorised Signatory



Project : GULSHAN BELLINA HOUSING, GREATER NOIDA

Title : PODIUM PLAN

Sub title : SERVICES CO-ORDINATION PLAN

Drawing Released For : ☐ APPROVAL ☐ ADVANCE COPY ☐ SUBMISSION ☒ CONSTRUCTION

Architect : DEEPAK MEHTA & ASSOCIATES
ARCHITECTS PLANNERS VALUERS LANDSCAPE & INTERIORS
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Design By : Sanjay Goyal
Date : November 2016
Scale : 1:375

Drawn By : G.S. / E.S. / J.
Date : November 2016
Scale : 1:375

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