

AREA CHART

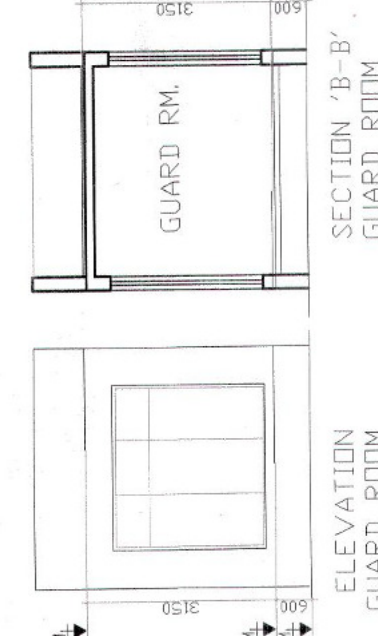
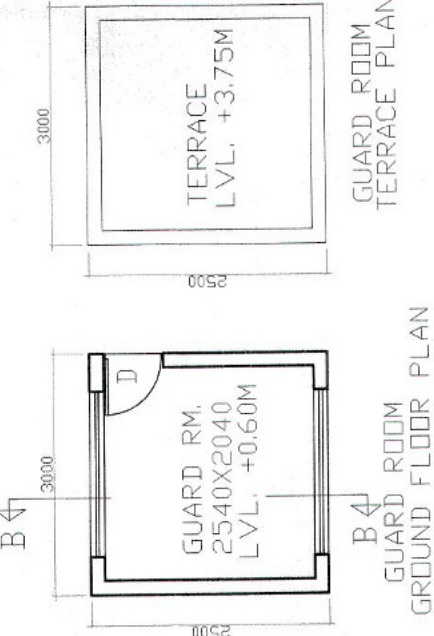
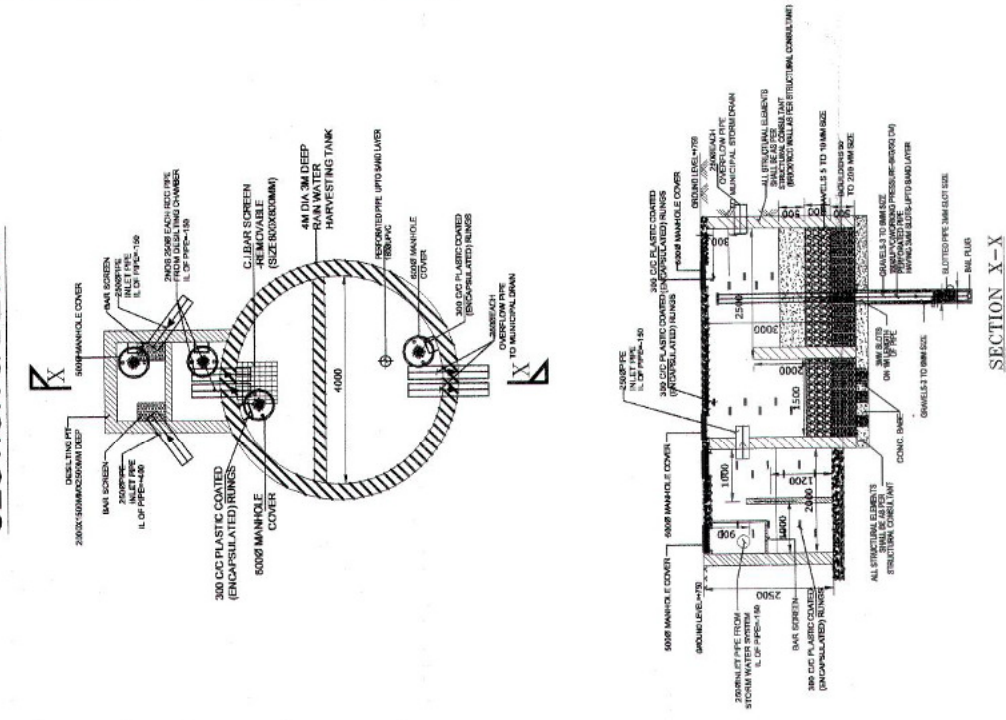
PLOT AREA	= 13800.00 SQM
PERMISSIBLE FAR @ 2.75	= 37950.00 SQM
PURCHASABLE FAR @ 7.25	= 10245.00 SQM
TOTAL PERMISSIBLE PURCHASABLE FAR (2.75+7.25)	= 48195.00 SQM
GREEN FAR @ 5%	= 2409.83 SQM
TOTAL PURCHASABLE PURCHASABLE-GREEN FAR (2.75+7.25+0.05)	= 50604.83 SQM
PERMISSIBLE GROUND COVERAGE @ 36%	= 4830.00 SQM
PURCHASABLE GROUND COVERAGE @ 36%	= 3719.50 SQM
TOTAL PURCHASABLE GROUND COVERAGE	= 8549.50 SQM
PERMISSIBLE AREA OF COMMERCIAL	= 483.00 SQM
PURCHASABLE AREA OF COMMERCIAL	= 483.00 SQM
TOTAL PURCHASABLE AREA OF COMMERCIAL	= 966.00 SQM
PROPOSED F.A.R.	= 4485.64 SQM
PROPOSED GROUND COVERAGE @ (32.50%)	= 482.95 SQM
PROPOSED COMMERCIAL AREA @ (0.988%)	= 10835.36 SQM
PROPOSED LOWER BASEMENT AREA	= 10855.64 SQM
PROPOSED UPPER BASEMENT AREA	= 1594.43 SQM
PROPOSED STILL AREA	= 7890.85 SQM
TOTAL PERMISSIBLE ANCILLARY AREA	= 7351.01 SQM

DENSITY/POPULATION	
PERMISSIBLE DENSITY (1850+450) = 2100 PPH	
PERM. DUS @ 3.5 FAR = (2100*1.38)/4.5 = 644	SAY 644
TOTAL PERM. DUS = 644	
TOTAL NO. OF FLATS= 916 FLATS/34.55=2772 PERSONS	
TOTAL POPULATION ACHIEVED=2772 PERSONS	
PROPOSED DENSITY = 2772/1.38 = 2008.70 PPH	SAY 2008 PPH

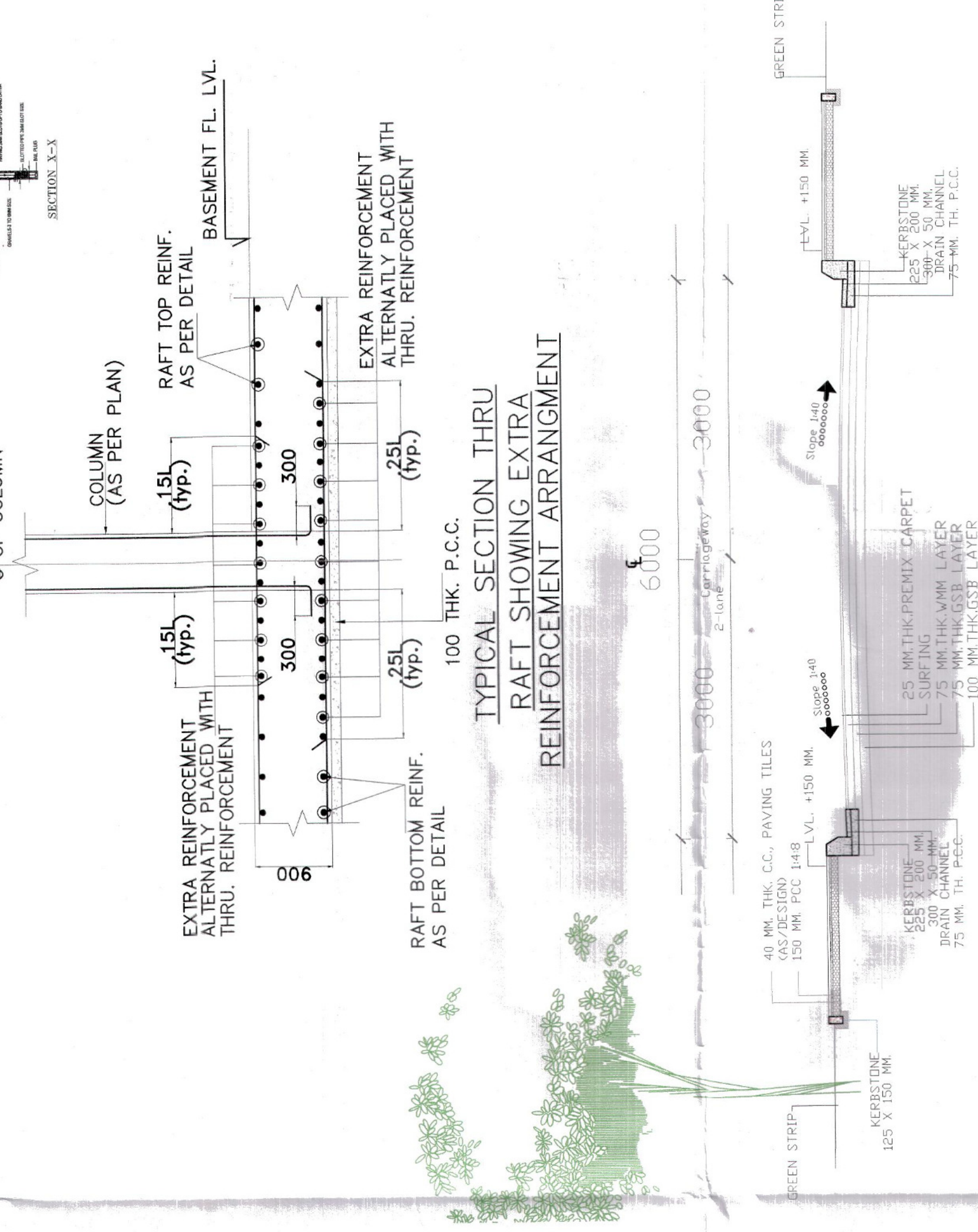
PARKING CALCULATION	
PARKING REQUIRED FOR HOUSING = 52007.55/60 SQM	627.8 ECS
PARKING REQUIRED FOR COMMERCIAL = 482.95/50 SQM	7.59 ECS
PARKING REQUIRED FOR COMMUNITY = 673.01/100 SQM	6.73 ECS
CAR PARKING REQUIRED=627.59+7.59+6.73=641.918 CARS	SAY 642 CARS
TOTAL PROPOSED PARKING ON LOWER BASEMENT= 290.930 CARS	
TOTAL PROPOSED PARKING ON UPPER BASEMENT= 289.859 CARS	
TOTAL PROPOSED PARKING ON STILT= 53.148 CARS	
TOTAL PROPOSED PARKING ON SURFACE=46 CARS	
TOTAL PROPOSED PARKING=290.930+289.859+53.148+46=640.337 ECS	SAY 649 CARS

GREEN AREA DETAIL	
TOTAL OPEN AREA OF THE SITE	
PLOT AREA - TOTAL GR COVERAGE	
= 13800.00 - 4485.64 = 9314.36 SQM	
GREEN AREA REQUIRED	
= 50% OF OPEN AREA = 9314.36/2 = 4657.08 SQM	
PROP. GREEN AREA = 4720.296 SQM	
REQUIREMENT OF TREES	
ONE TREE PER 100 SQM OF OPEN AREA	
= 9314.36/100 = 93.14	
REQUIRED NOS OF TREES=94	
PROPOSED NOS OF TREES=100	
EVERGREEN TREE =50 NOS.	
ORNAMENTED TREE=50 NOS.	

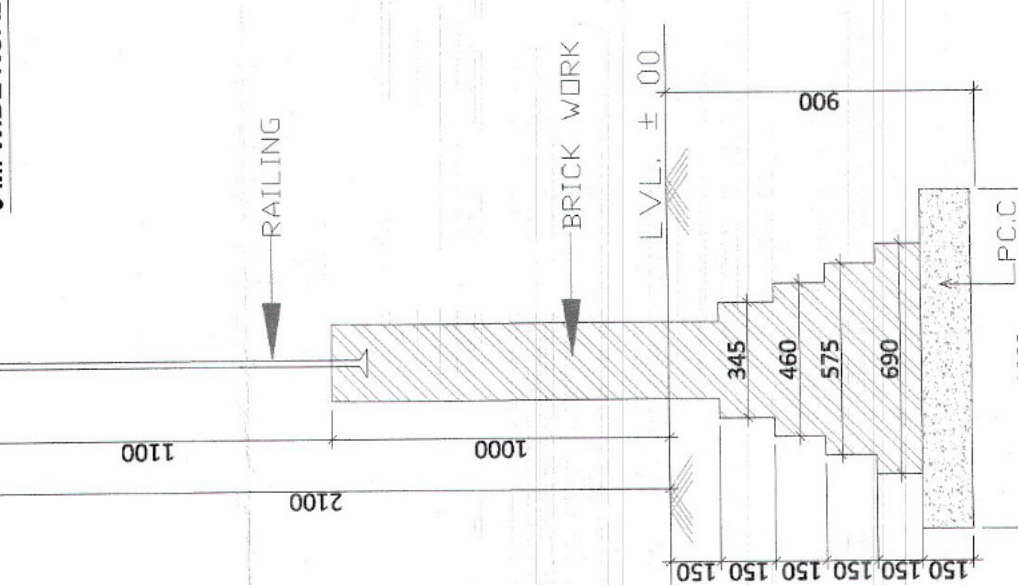
RAIN WATER HARVESTING & DESILTING CHAMBER SECTION & DETAIL



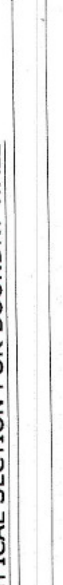
TYPICAL SECTION THRU RAFT SHOWING EXTRA REINFORCEMENT ARRANGEMENT



6 M. WIDE ROAD SECTION

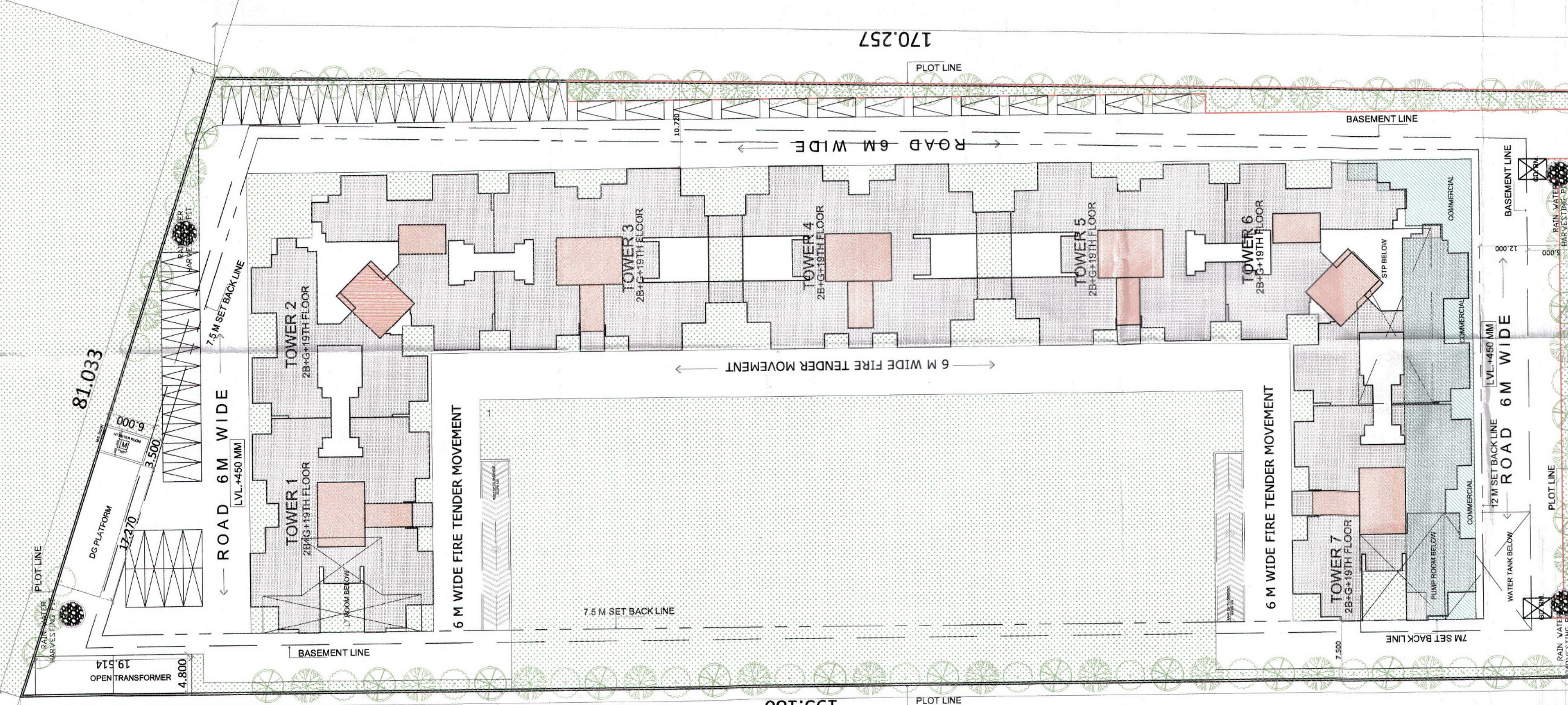


TYPICAL SECTION FOR BOUNDARY WALL



60M WIDE ROAD

75M WIDE GREEN BELT



3P
357L APPROVED
Valid up to Dated: 2/1/2023
Greater Noida Industrial Dev. Authority
DGM (Pkg & Arch)
Gen Manager (Pkg & Arch)
T.P.
ASST. MCH.
S.H. (Pkg.)

SUBMISSION DRAWING
PROJECT: PROPOSED GROUP HOUSING AT PLOT NO. GH - 16 - D, SECTOR-01, G. NOIDA, U.P.
CLIENT: ALPINE INFRA PROJECTS PVT.LTD.
SHEET TITLE: SITE PLAN
DATE: 26-03-18
SCALE: 1:400
DRG.NO.: SD-02
NORTH:
ARCHITECT'S SIGN
OWNER'S SIGN
ARCHITECTS: SPACE DESIGN GROUP W-138, F.F GREATER NAILASHI, NEW DELHI -48 PH-011-26240732, 41631265 EMAIL: spacedesigngroup@rediffmail.com / gmail.com



DENSITY/POPULATION	
PERMISSIBLE DENSITY (1650+450) = 2100 PPH	
PERM. DUS @ 3.5 FAR = (2100*1.38)/4.5 = 644	
TOTAL PERM. DUS = 644	SAY 644
TOTAL NO. OF FLATS= 616 FLATS/4.5=272 PERSONS	
TOTAL POPULATION ACHIEVED=272PERSONS	
PROPOSED DENSITY = 272/1.38 =2008.70 PPH	SAY 2009 PPH

TOTAL PROPOSED PARKING ON LOWER BASEMENT= 280.930 CARS
 TOTAL PROPOSED PARKING ON UPPER BASEMENT= 268.859 CARS
 TOTAL PROPOSED PARKING ON STILT= 53.148 CARS
 TOTAL PROPOSED PARKING ON SURFACE=46 CARS
TOTAL PROPOSED PARKING=280.930+268.859+53.148+46=648.937 ECS SAY 649 CARS

GREEN AREA REQUIRED
= 50% OF OPEN AREA = $9314.16/2 = 4657.08$ SQM
PROP. GREEN AREA= 4720.256 SQM

REQUIREMENT OF TREES

ONE TREE PER 100 SQM OF OPEN AREA

= OPEN AREA/100

= 9314.16/100

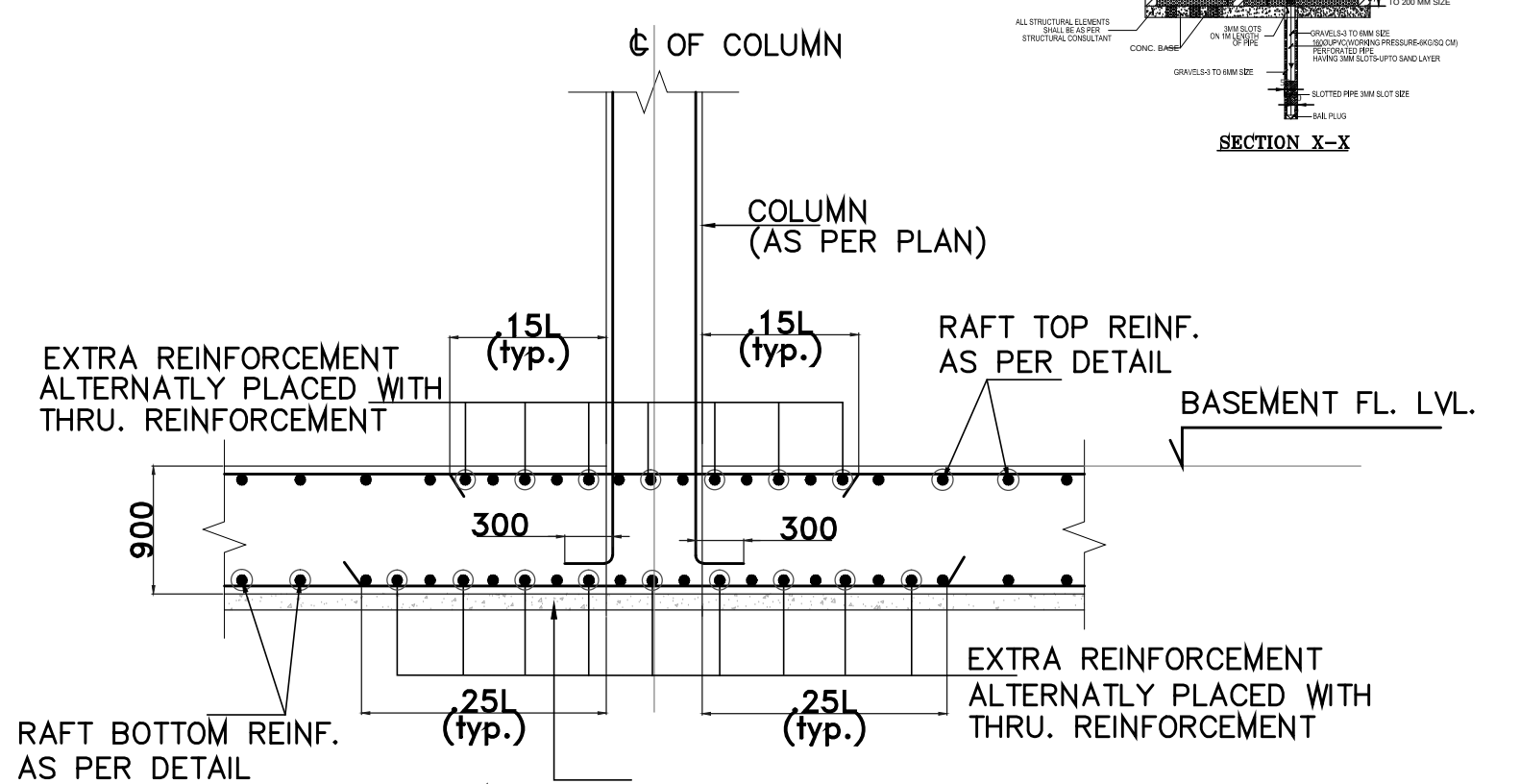
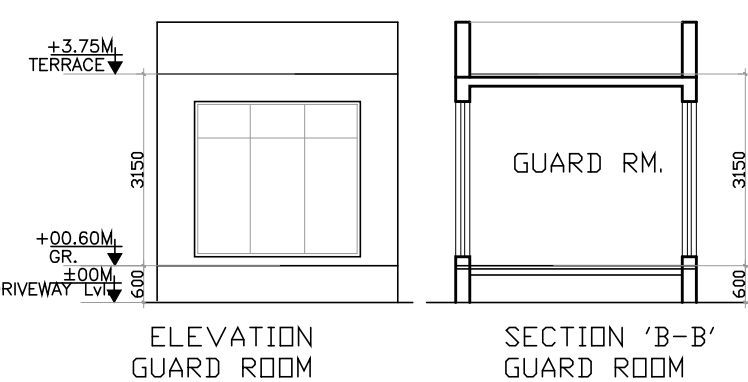
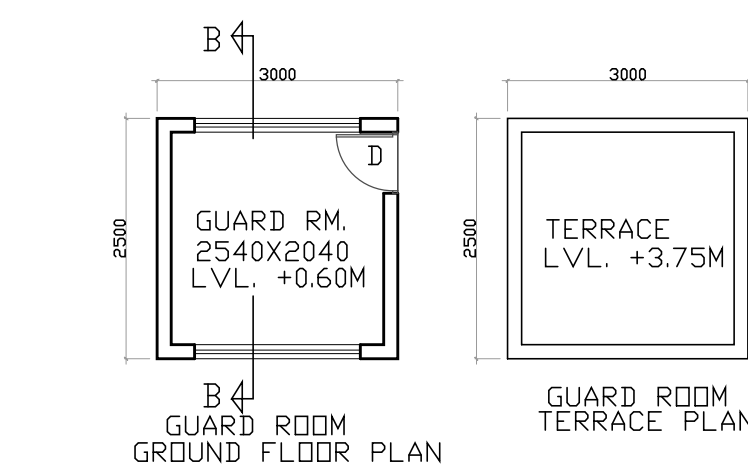
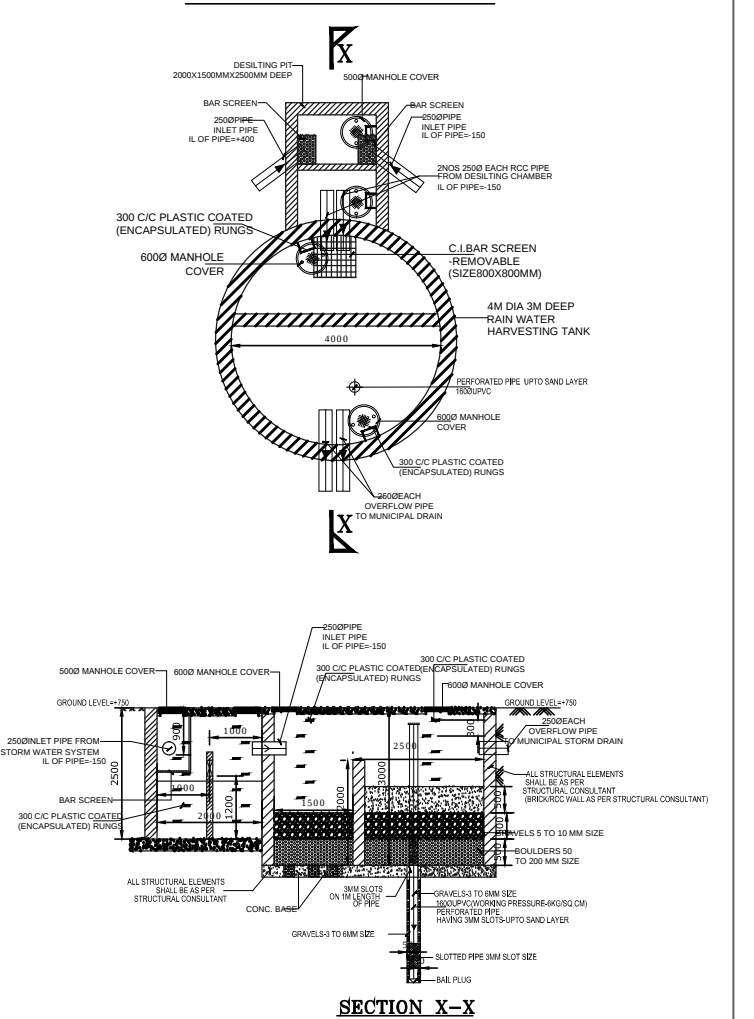
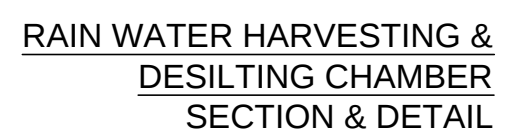
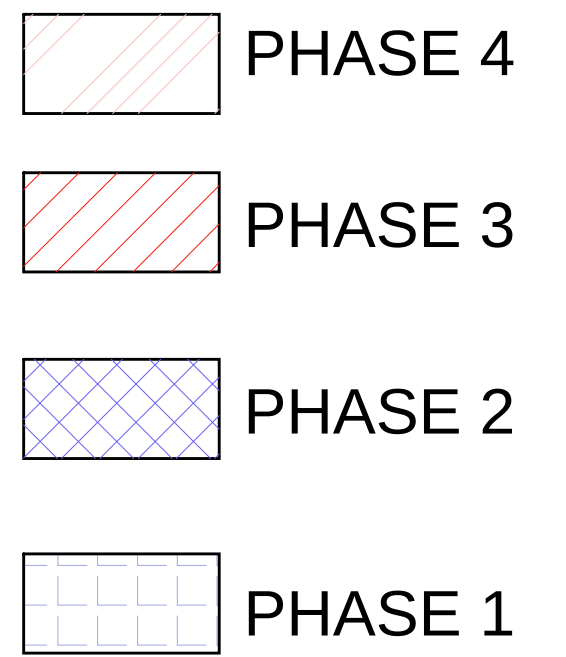
= 93.140

REQUIRED NOS OF TREES=94

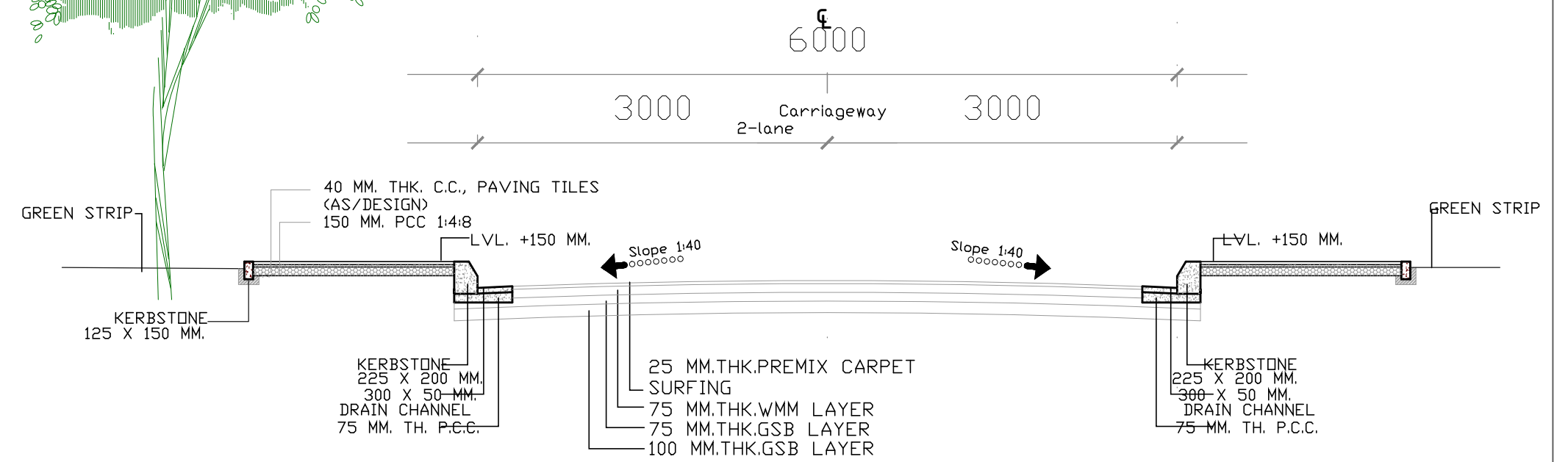
PROPOSED NOS OF TREES=100

EVERGREEN TREE =50 NOS.

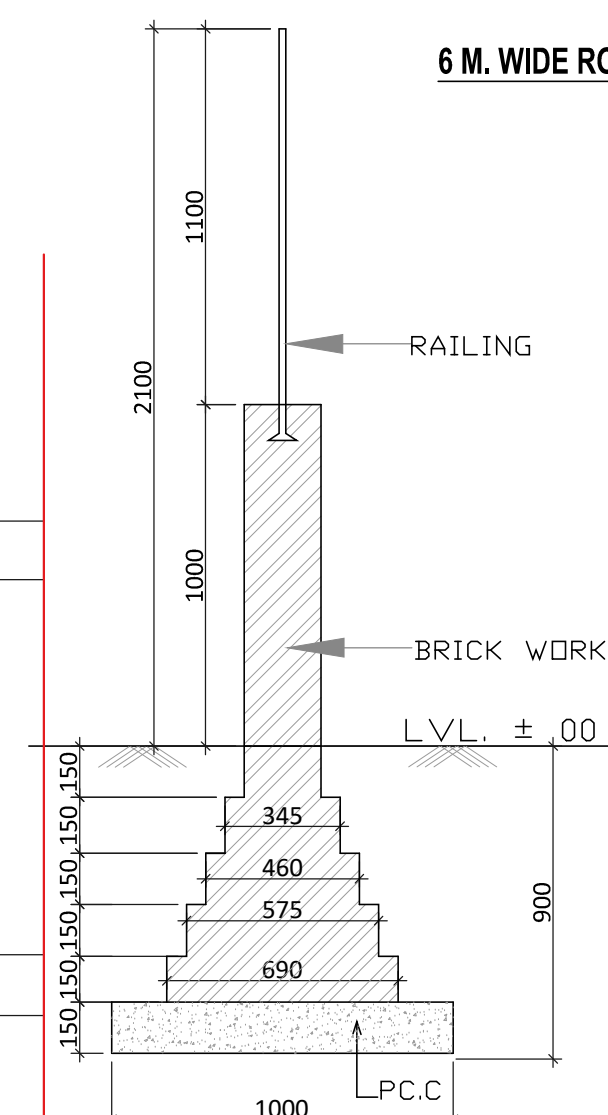
ORNAMENTED TREE=50 NOS.



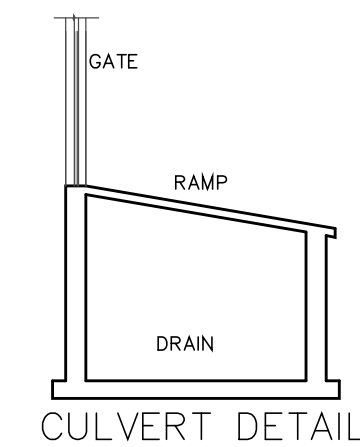
TYPICAL SECTION THRU
RAFT SHOWING EXTRA
REINFORCEMENT ARRANGMENT



6 M. WIDE ROAD SECTION



TYPICAL SECTION FOR BOUNDARY WALL



CULVERT DETAIL

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CLIENT : ALPINE INFRA PROJECTS PVT.LTD.	
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