

Checked and found ok for Public Health
(Internal) Service or comments in
in forwarding letter) 452 DL 24/8/15

[Signature]

Superintending Engineer (HQ)
HUDA, Panchkula.

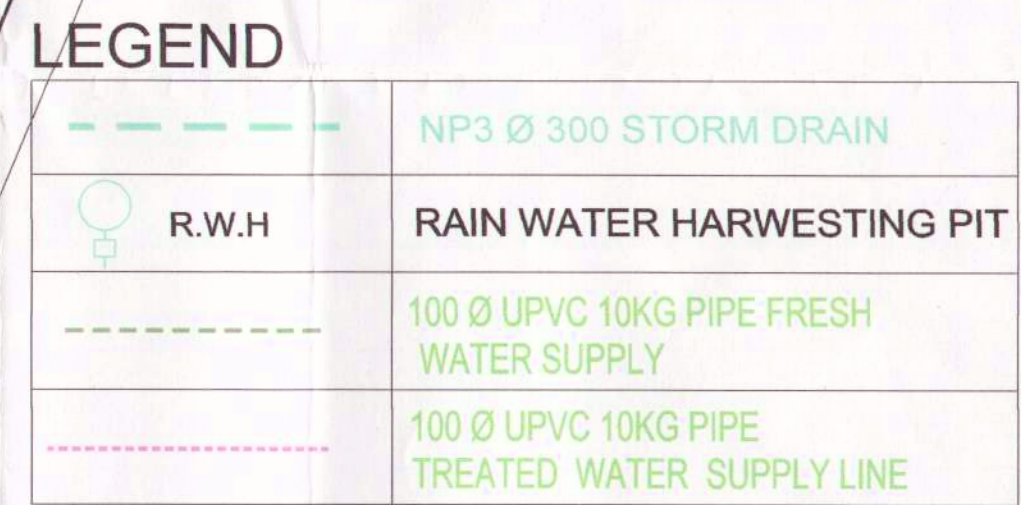
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NOTES FOR WATER SUPPLY :-

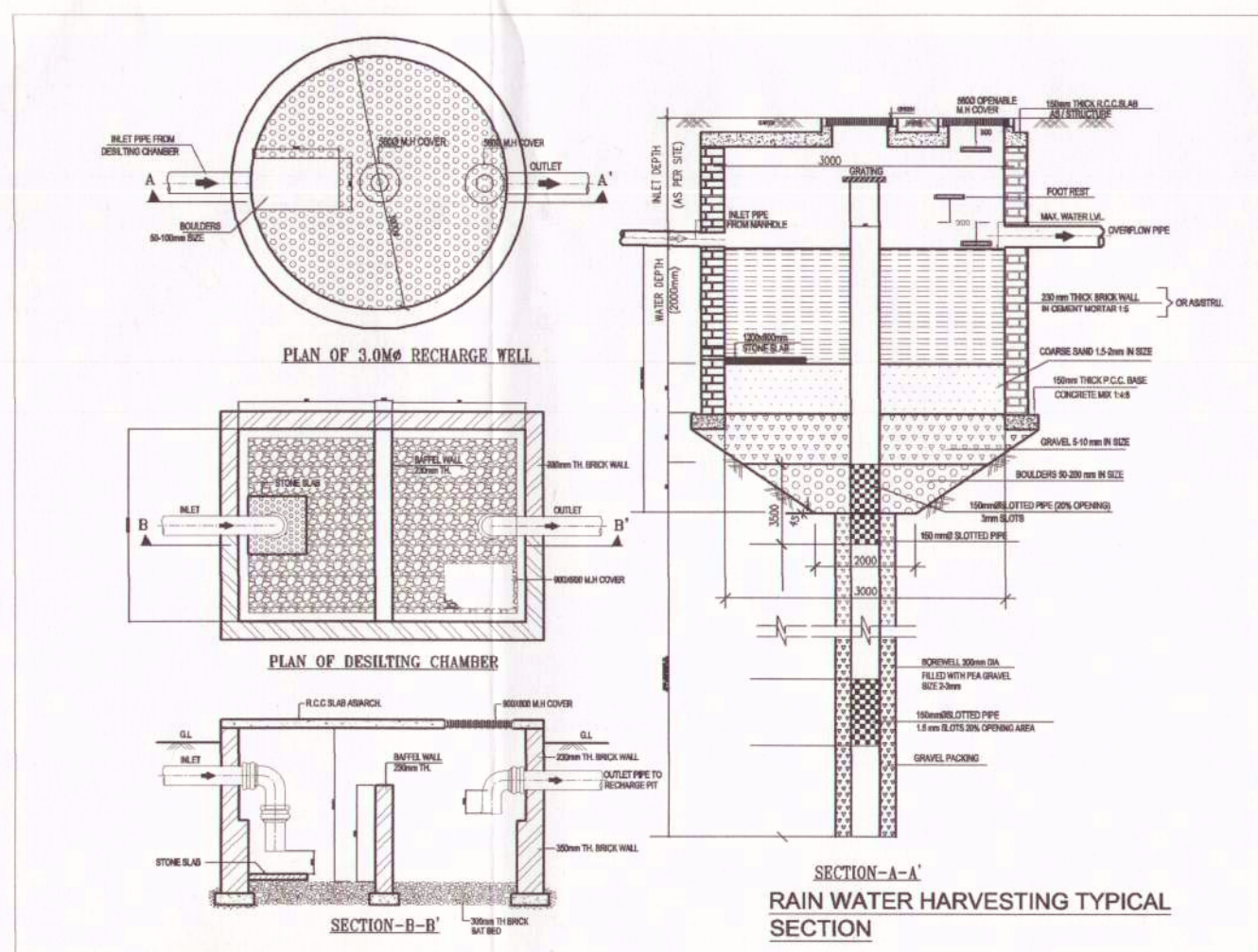
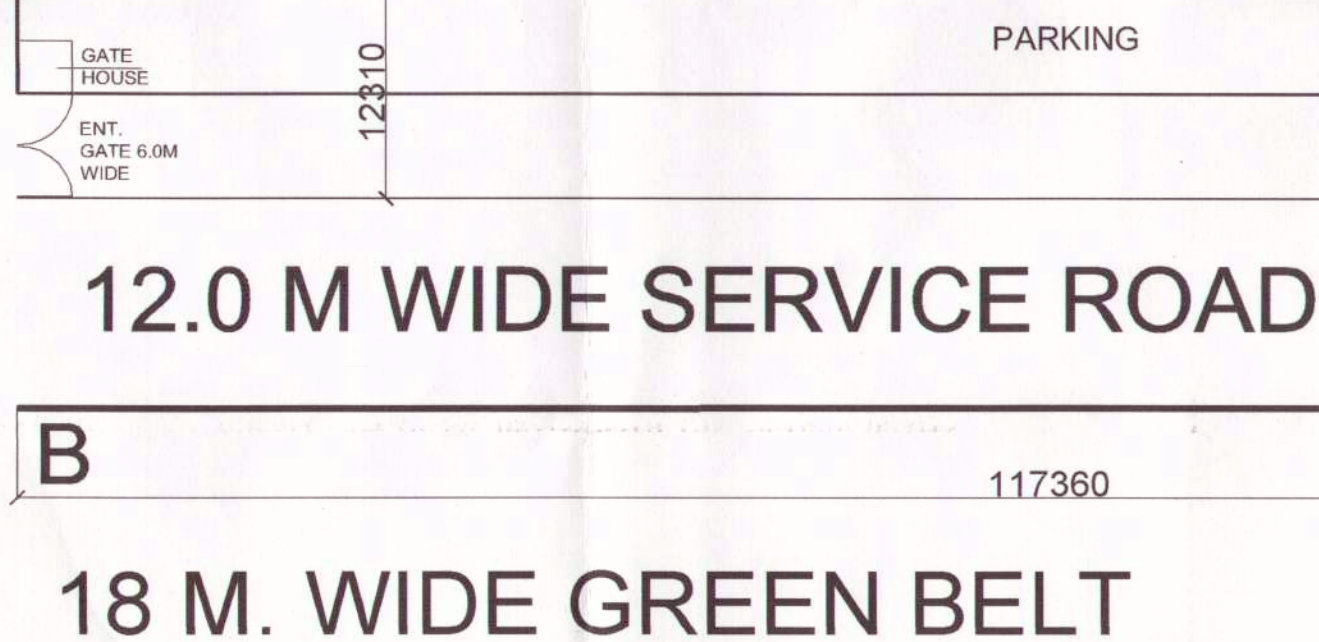
- 1) ALL SIZES OF PIPES INDICATED ARE IN MM.**
- 2) ALL POTABLE WATER SUPPLY LINES WILL BE LAID TO AN AVERAGE DEPTH OF ABOUT 1.0 M BELOW FINISHED FORMATION LEVEL.**
- 3) ALL MAIN POTABLE WATER SUPPLY LINES WILL BE OF D.I. S&S CLASS K-7. PUSHON JOINTS (TYTONS JOINTS) CONFORMING TO IS : 8329**
- 4) ALL BRANCH POTABLE WATER SUPPLY LINES & GARDEN HYDRANT LINE WILL BE OF G.I. CLASS-B THREADED JOINTS CONFORMING TO IS : 1239**
- 5) ALL PIPES FITTING AND SPECIALS SHALL BE OF D.I. CONFORMING TO IS : 9523**
- 6) ALL SLUICE VALVE SHALL BE HOUSED IN BRICK MASONRY CHAMBERS AS / DETAIL.**
- 7) ALL VALVES SHALL BE OF CLASS PN-1 CONFORMING TO IS : 780**
- 8) FOR DETAILS OF SLUICE VALVE AND FIRE HYDRANT CHAMBER REFER RELEVANT RAWING. (CPWD SPECS.)**
- 9) FOR LOCATION OF WATER SUPPLY LINES REFER LANDSCAPE PLAN/ROAD SECTION DRAWING.**
- 10) PIPE LINES CROSSING UNDER THE ROAD WILL BE ENCASED WITH 150 TH. P.C.C. FOR A DISTANCE = ROAD WIDTH + 1000 mm ON EITHER SIDE OF ROAD.**
- 11) LOCATION OF TUBE WELL IS TENTATIVE. EXACT LOCATION SHALL BE AS / GEOPHYSICAL REPORT.**
- 12) WHEREVER THE WATER LINE IS CROSSING THE SEWER OR STORM WATER THE SAME SHALL BE ENCASED WITH P.C.C. FOR A LENGTH OF 500 mm FROM CENTER OF THE JOINT ON EITHER SIDE**
- 13) PIPE JOINT AT VALVE LOCATIONS SHALL BE OF METALLIC (HEAVY CLASS) FLANGED (DOVBLE FLANGED)**

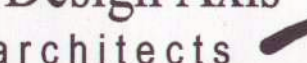
NOTES FOR STORM WATER DRAINAGE SYSTEM:-

1. FOR STORM WATER DRAINAGE PIPES DIA 400/- TO 600/- R.C.C. PIPES OF CLASS-NP2 ALONG THE ROAD IN GREEN STRIP & R.C.C. NP3 UNDER THE ROADS WITH SLOPES AS
 - FOR 300/-, SLOPE=1:450
 - FOR 400/-, SLOPE=1:300
 - FOR 450/-, SLOPE=1:250
 - FOR 500/-, SLOPE=1:200
 - FOR 600/-, SLOPE=1:1300
 - FOR 700/-, SLOPE=1:1608
 - FOR 800/-, SLOPE=1:1920
2. CATCH BASINS (FOR STORM WATER DRAINAGE SYSTEM) (MANHOLES WITH SRC PERFORATED COVERS ON MAIN LINE)
 - * SIZE = (900/- mm FOR DEPTH 910 mm TO 1650 mm)
 - * SIZE = (1200/- mm FOR DEPTH 1650 mm TO 2300 mm)
 - * SIZE = (1500/- mm FOR DEPTH 2300 mm TO 3000 mm)
3. CATCH BASIN COVER :-
 - * FOR CIRCULAR MANHOLES ON MAIN LINE :-
 - * FOR MANHOLES, S.F.R.C. COVER & FRAME (HEAVY DUTY MID-30 GRADE DESIGNATION) 560 mm INTERNAL DIMENSION CONFORMING TO IS. 12592. TOTAL WEIGHT OF COVER & FRAME TO BE NOT LESS THAN 182 kg)
 - * FOR RECTANGULAR CATCH BASINS :-
 - COVERED WITH 500 x 450 mm PRECAST R.C.C. HORIZONTAL GRATING WITH 40 mm DEPTH OF COVERS AND FRAME COMPLETE AS PER STANDARD DESIGN.
4. FOR CATCH BASIN & MANHOLES DETAILS REFER DETAIL DRAWING NO.
5. CATCH BASIN & MANHOLES TOPS(PERFORATED COVERS) SHALL BE FINISHED WITH FFL AS/LANDSCAPE DRAWING.
6. THIS DRWG. SHALL BE READ IN CONJUNCTION WITH OTHER DRAWINGS OF ARCHITECTURE, STRUCTURAL, ELECTRICAL & LANDSCAPE DRAWINGS.
7. CC 1:5-10 UPTO HAUNCHES SHALL BE PROVIDED UNDER ALL PIPES ON MAIN LINE AND C.C. SHALL BE PROVIDED AROUND PIPES UNDER ROADS.
8. ALL SW LINES ARE OF 400 MM DIA RCC NP2 CLASS UNTIL UNLESS MENTIONED OTHERWISE.
9. ALL LINES ARE OF 200 MM DIA R.C.C. NP2 CLASS WITH CATCH ENCASING FROM RECTANGULAR CATCH BASINS TO CIRCULAR MANHOLE.
10. ALL MANHOLES AND CATCH BASINS SHALL BE STRATEGICALLY LOCATED WITHOUT DISTURBING THE MAIN SCHEME.
11. LENGTH OF LINE MENTIONED THIS IS FROM CENTRE TO CENTRE OF MANHOLE / CHAMBER.
12. BEFORE TAKING UP THE EXECUTION, THE FEASIBILITY OF CONNECTION OF SW DRAINS WITH THE OUTSIDE DRAINS MAY PLEASE BE CHECKED AND ANY DISCREPANCY MAY BE REPORTED TO THE CONSULTANT.
13. FOR INTERMEDIATE MANHOLE LEVELS SHALL BE INTERPOLATED.



S. NO	NAME OF BUILDING	OF UNITS	POPULATION IN CONDO #	TOTAL CAPACITY OF UNIT IN LYS. OF 3P/4P	CAPACITY OF UNIT IN LYS.	OF	UP	TARE	DOWN	TAKE	PIPE
1	BLOCK - A (2 BHK)	100	500	3125	DOMESTIC-60% FLUORING-35%	3000	50 MM	50	40	32/25	25/20 MM
2	BLOCK - B,C,D (2 BHK) NO.3	103	515	4844.75	DOMESTIC-60% FLUORING-35%	3000	50 MM	50	40	32/25	25/20 MM
3	BLOCK - E, G & H (2 BHK) NO.3	95	475	4098.75	DOMESTIC-60% FLUORING-35%	3000	50 MM	50	40	32/25	25/20 MM
4	BLOCK - F (2 BHK)	63	315	2718.75	DOMESTIC-60% FLUORING-35%	1500	50 MM	50	40	32/25	25/20 MM
5	CRECH			DOMESTIC-5000	DOMESTIC-5000	5000	25MM			25MM	25MM
6	COMMUNITY HALL			DOMESTIC-5000	DOMESTIC-5000	5000	25MM			25MM	25MM
7	COMMERCIAL			DOMESTIC-10000	DOMESTIC-60% FLUORING-35%	5000	25MM			25MM	25MM
TOTAL CAP OF UGR REQUIRED HALF DAY CAPACITY UGR LYS.				17688.25	SAY	400 KL					



PROJECT TITLE		
PLAN OF AFFORDABLE GROUP HOUSING SCHEME MEASURING 5.00 ACRES (LICENCE NO. 03 OF 2015 DATED 19.06.2015) IN SECTOR 102, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY SH. JAI PARKASH AND OTHERS IN COLLABORATION WITH SUNCITY PROJECTS PVT. LTD		
SCALE	1:100	
DATE	JUL. 2015	
DEALT	J.P. SHARMA	CHECKED VG
ARCHITECT:-		
 Design Axis architects T-13A A, 4th FLOOR FROM HOUSE, NEAR SHASHI TALAB ANDHERIA MORPH, MEHRAROLI, NEW DELHI - 110030 PH - 9811058563, 26644831, 26648146 EMAIL - vireshg@hotmail.com		

ARCHITECT'S SIGN.

APPLICANT'S SIGN.

For Suncity Pvt. Ltd.
Director/Authorized Signatory