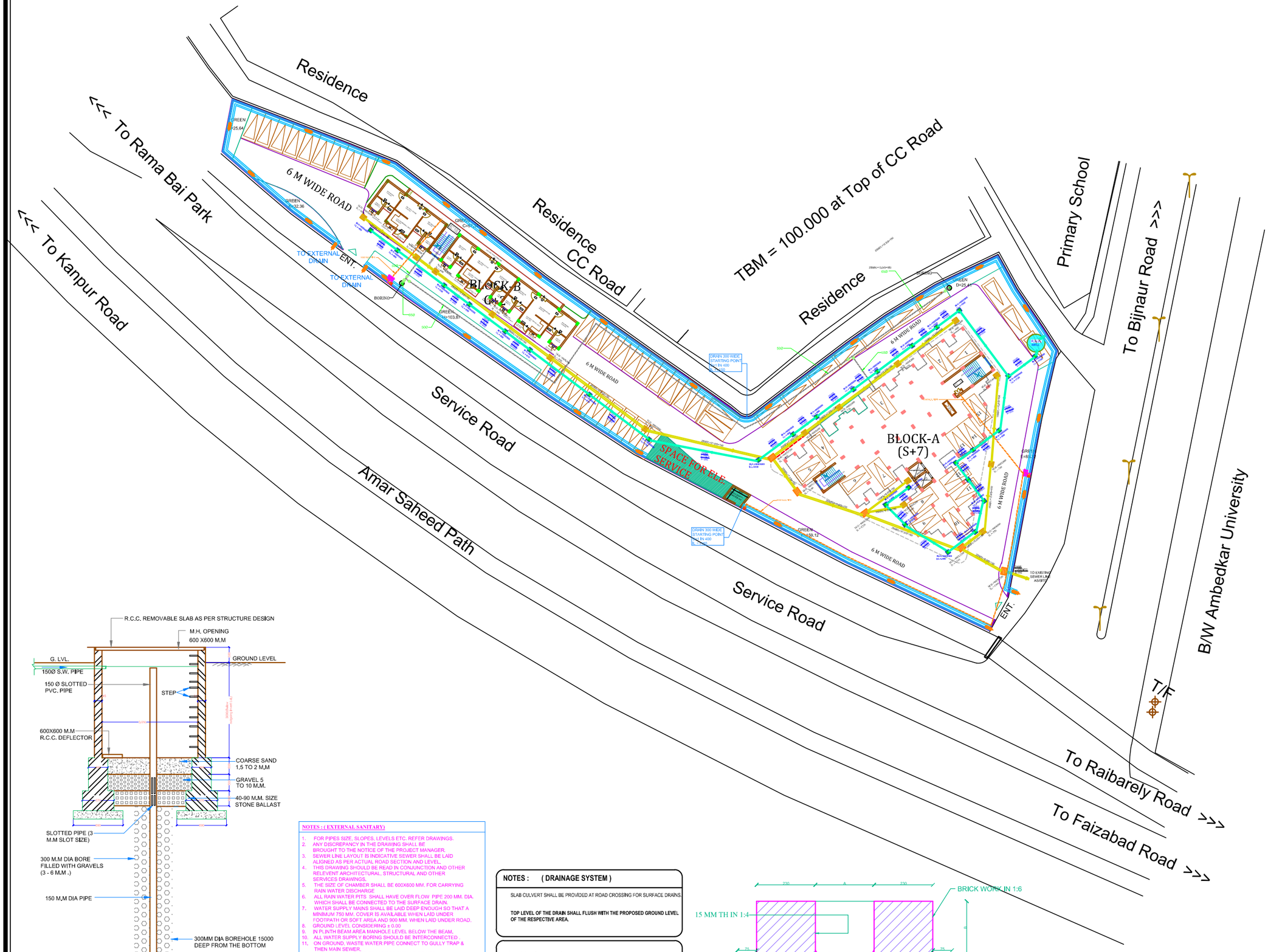

RECHARGE SHAFT

RAIN WATER HARVESTING DETAILS

NOTES : (EXTERNAL SANITARY)

1. FOR PIPES SIZE, SLOPES, LEVELS ETC. REFER DRAWINGS.
2. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF THE PROJECT MANAGER.
3. SEWER LINE LAYOUT IS INDICATIVE SEWER SHALL BE LAID ALIGNED AS PER ACTUAL ROAD SECTION AND LEVEL.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION AND OTHER RELEVENT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
5. THE SIZE OF CHAMBER SHALL BE 600X600 MM. FOR CARRYING RAIN WATER DISCHARGE.
6. ALL RAIN WATER PITS SHALL HAVE OVER FLOW PIPE 200 MM. DIA. WHICH SHALL BE CONNECTED TO THE SURFACE DRAIN.
7. WATER SUPPLY MAINS SHALL BE LAID DEEP ENOUGH SO THAT A MINIMUM 750 MM. COVER IS AVAILABLE WHEN LAID UNDER FOOTPATH OR SOFT AREA AND 900 MM. WHEN LAID UNDER ROAD.
8. GROUND LEVEL CONSIDERING ± 0.00
9. IN PLINTH BEAM AREA MANHOLE LEVEL BELOW THE BEAM.
10. ALL WATER SUPPLY BORING SHOULD BE INTERCONNECTED .
11. ON GROUND, WASTE WATER PIPE CONNECT TO GULLY TRAP & THEN MAIN SEWER.
12. ALL EXTERNAL SEWER/RWH PIPES SHOULD BE NP2 OTHERWISE SPECIFIED COVERED WITH CEMENT CONCRETE ALL AROUND IN PROPORTION(1:5:10).
13. ALL WATER SUPPLY PIPE PROVIDING AND FIXING C.P.V.C.(CHOLORINATED POLY VINYL CHLORIDE) PIPE WITH PIPE MATERIAL AND FITTINGS MAKE: AS DIRECTED BY ARCHITECT.

NOTE:-

1. SLOPES SHALL BE ADOPTED FOR RAIN WATER PIPE 1 IN 200

NOTES : (DRAINAGE SYSTEM)

SLAB CULVERT SHALL BE PROVIDED AT ROAD CROSSING FOR SURFACE DRAINS.

TOP LEVEL OF THE DRAIN SHALL FLUSH WITH THE PROPOSED GROUND LEVEL OF THE RESPECTIVE AREA.

salient features - Drainage

Open type brick masonry Drains has been adopted for the project along all roads due to the ease in maintenance during dry weather flow conditions. These drains will be covered by perforated RCC slabs with openable panels at suitable intervals as required at site.

TYPICAL SECTION OF INTERNAL DRAIN
300 WIDE (SLOPE 1 IN 400)

PROJECT TITLE :-

PROPOSED SUBMISSION DRAWING FOR
LDA GROUP HOUSING
NEAR RAMABAI RAILY STHAL & POLICE CHOUKI ,
LUCKNOW, UTTAR PRADESH.

DRG. TITLE:- SITE PLAN
(EXTERNAL SEWERAGE,
RAIN WATER HARVESTING,
WATER SUPPLY & FIRE)

BUILDING :- GROUP HOUSING
BLOCK- A (S+7) AND BLOCK-B (G+2)

LEGEND:- (SANITARY)

SL.	SYMBOL	DESCRIPTION
1.	I.L.	INVERT LEVEL
2.	200Ø/ L=11.0/ S=150	DIA/LENGTH OF PIPE
3.		SEWER MANHOLE
4.		SEWER PIPE NETWORK
5.		RAIN WATER HARVESTING MANHOLE
6.		RAIN WATER HARVESTING PIT
7.		WATER SUPPLY PIPE
8.		GATE VALVE
9.	CH	CHECK VALVE
10.		YARD HYDRENT
11.		M.S.PIPE
12.		FIRE BRIGADE INLET
13.		DRAIN CHANNEL

NOTES : (SEWERAGE SYSTEM)

1. THE SIZE OF MANHOLE SHALL BE AS UNDER (INNER SIZES)
   a) UPTO 1000 M.M. DEPTH — 900 x 800 M.M.
   b) 1000 TO 1500 M.M. DEPTH — 900x1200 M.M.
   c) MORE THAN 1500MM DEPTH — 1200x900 M.M. RECTANGULAR OR 1400MM CIRCULAR
2. FOR ANY DESCRIPENCY / OMMISSION THE MATTER SHOULD REFER TO THE ARCHITECT/CONSULTANT BEFORE EXECUTION.
3. MANHOLE SHALL BE PROVIDED AT FOLLOWING PLACES :-
   a) AT THE START OF EACH SEWER LINE.
   b) AT EVERY JUCTION AND POSITION WHERE THERE IS CHANGE OF SIZE, GRADIENT AND ALIGNMENT.
   c) AT NOT MORE THAN 30 METER INTERVAL IN STRAIGHT LENGTH.

CLIENT :-

LUCKNOW DEVELOPMENT AUTHORITY U.P.

OWNER — ARCHITECT

DATE :- NOV.. 2015

SCALE :- AS SHOWN

DEALT BY :- A.K

DRG. NO. :- NORTH

GH/LKO/SITE/PLU-01

ARCHITECT :-

SHUBHENDRA BAJPAI
CA/2001/28117

OWNER :-

ARCHITECTURAL CONSULTANTS :-

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