

**GENERAL SPECIFICATIONS FOR BUILDING WORK
COMMERCIAL BUILDING – “GANGA RATAN SQUARE”**

Project Title: PROPOSED COMMERCIAL /
OFFICES BUILDING PLAN ON PLOT NO. 1/140,
HARI PARWAT

OWNER: M/s SHREE RAJ VENTURES

Basement

- R.C.C. retaining wall as per structure drawing provided by Architect
- Flooring- RCC
- Inner side wall finish with plaster.
- GI fitting, CP fitting.
- Shutters- M.S., G.I,

Ground & First floor & Second Floor & Third Floor & Top Floor (Terrace)

- R.C.C. frame structure as per structure drawing provided by Architect
- Brick work walls.
- Flooring- Tiles
- shutters - M.S., G.I,
- Brick work walls up to 4'-0" height.
- Brick bat coba as per CPWD specification
- SS Railing in staircase (SS Grade 304)
- Sanitary fitting
- CPVC fitting ISI marked
- W.C. washbasin ISI marked
- Urinal- Stainless steel as per specified by the Architect.

Stairs & Railing & Lift

- Railing- Stainless steel 304 grades
- Stair Riser & tread – Granite
- 2 lifts 13-person capacity

CORRIDOR

- Granite 18 mm thick slab

Electrical

- Distribution Board with MCB ISI marked.
- Modular Switches, ISI marked
- wire ISI marked.

External Finishes

- Finished wall with exterior texture paint
- Structural glazing
- M.S. pipe work for facade,

GENERAL SPECIFICATIONS FOR OUTER DEVELOPMENT

OUTDOOR PAVEMENT

- Chequered precast cement concrete tiles 22 mm thick in footpath & courtyard, jointed with neat cement slurry mixed with pigment to match the shade of tiles, including rubbing and cleaning etc. complete, on 20
- mm thick bed of cement mortar 1:4 (1 cement: 4 coarse sand).

RAINWATER HARVESTING

- 1 recharge pit with desilting tank, Boring/drilling borewell of 300mm dia. for casing/strainer pipe, by suitable method prescribed in IS:2800(part i), including collecting samples from different strata, preparing, and submitting strata chart/bore log, including hire & running charges of all equipment's, tools, plants & machineries required for the job, all complete as per direction of Engineer-In-Charge, up to 90m depth below ground level. Upton 90 meters depth.

WATER SUPPLY

- provision of Submersible pump and underground tank with pressure pump.
- Electric supply
- provision of Connection from Torrent Power. Electrical Room as specified in norms

COMMON SPECIFICATIONS

- All work will be executed as per the detailed drawings issued for the construction by the Architect.
- All Excavation in earth work will be executed as per the drawings.
- All Plain cement concrete (Base Concrete) will be laid M – 10 (1:4:8) using 40mm thick stone
- crushed aggregate.
- All Reinforcement Cement concrete (column and beam in M- 25 1:1:2) will be laid / cast in M – 20 (
- 1:1:5:3) grade concrete as per design mixing aggregate. 20mm and 10mm stone crushed will be
- used.
- Reinforcement (For Steel) will be @ 4.5kg per sq.ft.or. or as per the structural drawings .
- All brick work over one brick thick will be done with (1:6) cement sand mortar and 1st quality bricks. Less than one brick thick work would be done with (1:4) cement sand mortar.
- All internal plaster will be done with (1:6) cement Yamuna sand mortar. Whenever external plaster with water proofing compound will be done as per the recommendation of the manufacturer.
- All Bathroom / Toilet will be led up by tiles to the height of 7 feet, including all required color pigment etc.

SPECIFICATION ARE SUBJECT TO CHANGE WITH THE CONSENT OF ARCHITECT/ENGINEER OR AS PER CPWD NORMS

MATERIALS:

- Steel: Thermo-Mechanically Treated bars of grade Fe-500.
- Cement: M-43 Grade
- Aggregate: Stone crushed aggregate
- Coarse / Fine Sand: Approved Quality
- Electric Wire: ISI marked
- Electric Switches: ISI Marked
- GI Pipes: ISI marked
- PVC Pipes: ISI marked
- China Ware:
- Vitrified Tiles:
- Glazed Tiles:
- CP Fittings: