

DRAWING SCHEDULE FOR GFC DRAWINGS PACKAGE

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|------------------------|--|
| 1 G-001 | TITLE SHEET |
| 2 G-002 | LIST OF CONSULTANTS / DRAWING INDEX |
| 3 G-003 | LIST OF SYMBOLS / NOTATIONS / ABBREVIATIONS AND NOTES |
| 4 A-000 SERIES | SITE DETAILS- SITE PLAN, SETTING OUT PLAN |
| 5 A-100 SERIES | FLOOR PLANS, CEILING PLANS |
| 6 A-200 SERIES | MAIN ELEVATIONS, ENLARGED ELEVATIONS |
| 7 A-300 SERIES | BUILDING SECTIONS, ENLARGED SECTIONS, WALL SECTIONS |
| 8 A-400 SERIES | DETAIL LAYOUTS, ENLARGED PLANS, LIFTCORE, STAIRCASE DETAILS |
| 9 A-500 SERIES | DOOR AND WINDOW SCHEDULES |
| 10 A-600 SERIES | ENLARGED DETAILS |
| 11 A-700 SERIES | FINISHING DETAILS |

CHECK LIST FOR -GFC DRAWINGS

1. G-001 TITLE SHEET.

1. Project Name and Title.
2. Drawing Package Version.
3. Architect's Title & Credits.

2. G-002 LIST OF CONSULTANTS AND DRAWING INDEX.

1. Base sheet with logos and contact details of Consultants.
2. Location Plan of Project
3. Drawing Index.
4. Revisions with date and description.

3. G-003 LIST OF SYMBOLS/NOTATIONS/ABBREVIATIONS/NOTES.

1. Abbreviations and Acronyms.
2. Legends and Symbols.
3. Path to drawings and details.
4. Dimensioning methods
5. General notes.

4. A-000 SERIES SITE PLAN (MASTER PLAN).

A. GRADING PLAN.

1. Grid markings with nos.(Avoid grid nos.I & O)
1. Grid dimensions
2. Overall dimensions
3. Running dimensions.
4. Boundary extents as per document
As per survey/actual
5. Information on existing building/s-whether to be refurbished, demolished etc.
6. Building footprint with setbacks.(basement and plinth)
7. Ref/ indication of elevation/ section lines
8. Existing terrain (natural) features like nallas, rocky outcrops, Trees, HT lines etc which needs to be retained/demolished/modified.
9. Formation Levels etc. with reference to survey plan ,Permanent B M

B. EXTERNAL DEVELOPMENT PLAN.

1. Grid markings with nos.(Avoid grid nos.I & O)
2. Grid dimensions
3. Overall dimensions
4. Running dimensions.
5. Information on existing building/s-whether to be refurbished, demolished etc.
6. Building footprint with setbacks.(basement and plinth)
7. Reference planes/coordinates.
8. Co-ordinates of building corners.
9. Orientation w r t true north.
10. Formation levels etc.-with reference to survey plan ,Permanent B M
11. Approach road width details etc.
12. Building access and exit locations.

13. Building access and exit levels.
14. Disabled access facilities like kerb cuts and ramps etc.
15. Fire driveways, ramp access and exits to and from basements.
16. Surface parking details for staff, visitors, VIP and disabled.
17. Hardscape and soft scape features:
 - Swimming pool,
 - Water bodies,
 - Pavilions,
 - Trellis/pergolas,
 - Walkways,
 - Jogging tracks etc.
18. Site details access and exits.
19. Compound walls and gates.
20. Boom barriers and Security check for vehicles.
21. Sentry positions,
22. External lighting :
 - Facade lighting,
 - up lighters for trees,
 - Pool lighting,
 - Landscape lighting,
 - Feature lighting.

C.SERVICES PLAN

1. Grid markings with nos.(Avoid grid nos.**I & O**)
2. Grid dimensions
3. Overall dimensions
4. Running dimensions.
5. Information on existing building/s-whether to be refurbished, demolished etc.
6. Building footprint with setbacks.(basement and plinth)
7. Retaining wall extents.
8. Ramp details
9. Podium slab structural and finished levels.
10. R M U Yard
11. Transformer yard.
12. D G location.
13. D G Panel /AMF Panel location.
14. DG exhausts duct and routing.
15. Routing of MEP Services etc.
16. Inspection chambers, Manhole covers etc.
17. Earth pits.
18. Site Interface details- Tap off/Entry points for Data / Voice, Bescom, BSNL and other services.
19. Yard hydrant line
20. Sewage line routing to Municipal chamber
21. Rainwater recharge pits.
22. Storm water pump.
23. Fire Pump.
24. Jockey Pump.
25. Site storm water drain.
26. STP/UG sump locations.
27. Bore well location.
28. Fire driveway clearly indicated by hatch.
29. Gas bank location with routing.
30. HSD Yard
31. Location of LT meter panel/ pump rooms.
32. Legends for services.

D.SETTING OUT PLAN

1. Grid markings with nos.(Avoid grid nos.**I & O**)
2. Grid dimensions
3. Overall dimensions
4. Running dimensions.
5. Property extents.
6. Driveway details.
7. Information on existing building/s-whether to be refurbished, demolished etc.
8. Building footprint with setbacks.(basement and plinth)
9. Reference planes/Coordinates.
10. Coordinates of building corners.
11. Orientation etc.

5. A-100 SERIES -- ALL FLOOR PLANS, CEILING PLANS.

I. BASEMENT FLOORS.

1. Grid markings with nos.(Avoid grid nos.**I & O**)
2. Grid dimensions
3. Overall dimensions
4. Running dimensions.
5. Room/space index.
6. D/W type / cross ref.nos of elevations/sections
7. Wall types with finishes (interior/exterior)- with hatch pattern (Indexed)
8. Schedule of doors and windows.
9. Fire rated walls.
10. .Material Specifications of Wall Finishes.
11. Pavement details
12. Ref/ indication of elevation/ section lines
13. Ground floor extent reference lines
14. Ref of other consultants inputs
15. Revision clouds with nos.
16. Room names/ dimensions
17. Levels – ramp access & exit details to and from grade.
18. Call outs of details etc. & ref nos. of dwgs
19. Stairs – Landing levels, Width of flight, Treads / risers Nos.and sizes
20. Lift shafts/Service shafts-Clear cutout sizes as per requirements.
21. Parking details for staff, visitors and Valet including information on stack parking.
22. Overall parking information with width of aisles/driveways.(Validate with NBC and local bye laws)
23. Width of ramps/one-way/both ways/slope information.
24. Turning radius of driveways.
25. Retaining wall extents.
26. Cutouts in roof for DG exhaust, STP exhaust, electrical, TV/Tel, FHU,PHE, Garbage chute, HVAC (ducts/chilled water), Ventilation shafts
27. Water proofing negative/positive for floor & retaining walls.
28. Type of foundation - whether footings, tie beams or raft
29. Structural slab level based on type of foundation
30. Finished level based on finish & slope required for surface drainage.
31. Collection sump.
32. Sunken slabs on basement floor.
33. STP with tank and walkway levels and location of access
34. Raw water sump
35. Treated water sump
36. Height required for PHE services.
37. Storm water sump

38. Drain at end of ramp with grating.
39. Fire water sump
40. Travel distance from exits as per NBC
41. FHU locations
42. Basement drainage system through drains or chambers with Pipes.
43. Sub soil water drainage system.
44. System and collection of subsoil water
45. Routing of Surface and subsoil water in basement to drains / recharge-pits / wells.
46. Fan room with exhaust cutout for Mechanical ventilation
47. Fresh air inlets for fan rooms (not from the same direction as exhaust)
48. Plant room with level with clear height.
49. Shafts for chilled water lines.
50. Ventilation cutout locations and sizes
51. DG Room with level with Clear height.
52. DG radiator exhaust location
53. DG fresh air inlet
54. DGexhaust shaft with routing.
55. Transformer (If indoor) with level with clear height.
56. Location of incoming cables from outdoor transformer.
57. Electrical room
58. Height required for overall electrical services as confirmed by consultant.
59. Pump room with level
60. All service room doors to open outward.
61. BMS Room.
62. Ceiling Plans: Type of False ceiling.
False ceiling level above FFL.
Index of False ceiling types.
Ceiling access panels for HVAC and MEP services.
Light fixtures, ceiling fans, Jet air fans
supply and return air grilles.
Sprinklers, smoke detectors, hooters etc.
Fire Compartmentation for areas exceeding 500Sqm.

II. GROUND FLOOR / TYPICAL FLOORS.

1. Grid markings with nos.(Avoid grid nos.**I & O**)
2. Grid dimensions
3. Overall dimensions
4. Running dimensions
5. Room/space index.
6. Disabled access at entry, to washrooms and facilities.
7. Details at Entry to Building.
8. Baggages scan area.
9. D/W type / cross ref.nos of elevations/sections
10. Wall types with finishes (interior/exterior)- with hatch pattern (indexed)
11. Schedule of doors and windows.
12. Material Specifications of Wall Finishes.
13. Pavement details
14. Reference/ indication of elevation/ section lines
15. Basement extent reference lines
16. Projections of floors above
17. References of other consultants inputs
18. Revision clouds with nos.
19. Room names/ dimensions
20. Levels – ramp access details from road to porch
21. Call outs of details etc. & ref nos. of dwgs entry levels/ floor levels

22. Stairs – Landing levels, Width of flight, Treads / risers Nos.and sizes
23. Toilets - Drop in floor levels
 Slope in shower space
 Floor drains
 Floor sinking information
24. Lift shafts, MEP Service shafts-Clear cutout sizes as per requirements
25. Rain water drainage of Balcony/ Sit outs.
26. Final columns with grids
27. Structural and finished levels - general and specific
28. Beam depths if decided as constant.
29. Duct opening locations.
30. Duct covering details.
31. Ledge walls in toilets if required
32. Electrical room in each floor
33. DG Exhaust shaft.
34. AHU Room.
35. Server room location.
36. UPS room location.
37. Cutouts for natural / mechanical ventilation
38. Shafts for chilled water lines
39. PHE ducts – in the fl. / terminating in ceiling.
40. STP exhaust shaft.
41. Garbage chute.
42. Drivers' toilet.
43. HVAC shafts for chilled water lines
44. For split type A/C location of indoor and outdoor units to be identified.
45. Fire escapes-Stairs routes & exits.
46. Fire driveway clearly indicated by hatch
47. Gas bank location, Gas routing and meter location.
48. HSD Yard
49. Any basement to ground staircases provided to cater to travel distance
50. Separator wall between flights going to basement and to first floor
51. Fire door to open outside
52. Ceiling Plans: Type of False ceiling.
 False ceiling level above FFL.
 Index of False ceiling types.
 Ceiling access panels for HVAC and MEP services.
 Light fixtures, ceiling fans, Jet air fans
 Supply and return air grilles.
 Sprinklers, smoke detectors, hooters etc.
 Cable tray/Raceway routing.

III. ROOF/ TERRACE LEVEL

1. Grid markings with nos.(Avoid grid nos.**I & O**)
2. Levels, dimensions.
3. Schedule of doors and windows.
4. Floor finish details
5. Slopes towards draining points.
6. Floor drains and locations for rainwater discharge / rainwater pipes etc.
7. OH water tank location / Sizing / Dimensions
8. LMR/ Terrace level Stair room details
9. Duct/ Vent termination details
10. Parapet/ Railing details
11. Callout for details @ Floor levels/ parapet / roof
12. Lightning arrestors.

13. Aviation Light location.
14. Jockey Pump Location.
15. Lighting layout.
16. Locate equipments- Hydraulic lift
 Helipad
 Facade cleaning equipments.
 Pool / landscape, HVAC Equipments
 Solar panels.
 Roof top wind turbines.
 Solar water heaters.
 Dish antenna etc.
 Cooling Towers.

6. A-200 SERIES MAIN ELEVATIONS, ENLARGED ELEVATIONS

1. Grid markings with nos.
2. Cross references to plans where they are indicated
3. Levels- floor names
4. Heights of cills and parapets, railings etc.
5. Door/Window opening types.
6. Outline specifications for Construction Material & Wall Finishes.
7. Call outs for construction details at junctions of terrace/wall, balcony railings, formation/ramp levels.etc.
8. Roof angles and levels at eaves & ridges.
9. Material specs for elevation features such as pergolas, canopies, roof projections etc.
10. Elevation features.
11. Cladding details.

7. A-300 SERIES-BUILDING SECTIONS, ENLARGED SECTIONS, WALL SECTIONS

BUILDING SECTIONS/ENLARGED SECTIONS/WALL SECTIONS.

1. Grid markings with nos.
2. Cross references to plans where they are indicated.
3. Aviation control limits.
4. Levels- floor names
5. Heights of cills and parapets,railings etc.
6. Door/Window opening types.
7. Outline specs for Construction Materials & Wall and Floor Finishes.
8. Call outs for construction details at junctions of terrace/wall,balcony railings,formation/ramp levels.etc.
9. Roof angles and levels at eaves & ridges.
10. Architectural intent for junction details projections,sinking etc.

8. A-400 SERIES -DETAIL LAYOUTS, ENLARGED PLANS, LIFTCORE, STAIRCASE DETAILS

1. Key plans.
2. Grid references.
3. Cross references to callouts.
4. Detailed dimensions.
5. Construction and Fixing information.
6. Specifications of Materials and Finishes.

7. Technical details and information of construction elements.
8. Interface information on other consultants' inputs.

9. A-500 SERIES -DOOR AND WINDOW SCHEDULES

1. References to locations and levels.
2. Clear Masonry opening sizes.
3. Door and Window types.
4. Description of the door/window sub frames and frames w r t material/finish etc.
5. Hardware and Ironmongery details.
6. Fire rating requirements etc.

10. A-600 SERIES -ENLARGED DETAILS

1. Detail description.
2. Cross reference to callouts/locations/drawing sheets.
3. Detail Scale.
4. Detailed dimensions.
5. Construction and Fixing information.
6. Specifications of Materials and Finishes.
7. Technical details and information of construction elements.

11. A-700 SERIES -FINISHING DETAILS

1. Details of Construction (Thicknesses of coatings, setting beds for floor etc) for Wall & floor finishes.
2. Cross reference to callouts/locations/drawing sheets.
3. Detail Scale.
4. Detailed dimensions.
5. Construction and fixing information.
6. Specifications of Materials and Finishes.
7. Technical details and information of construction elements.