

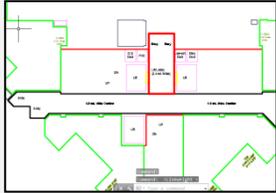
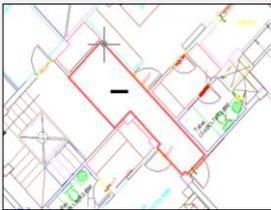
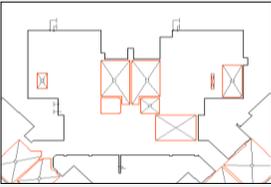
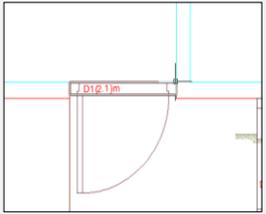
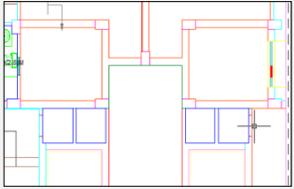
Guidelines for preparation of submission drawings for Online Building Plan Approval

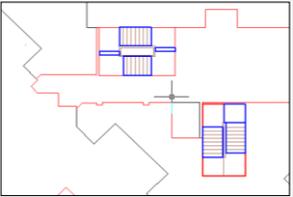
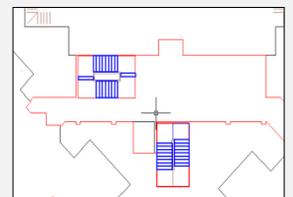
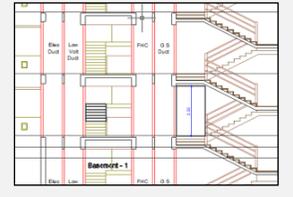
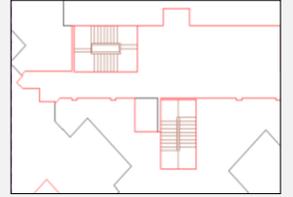
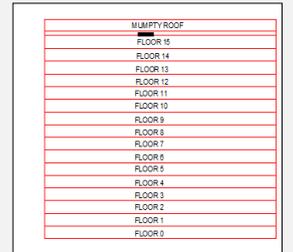
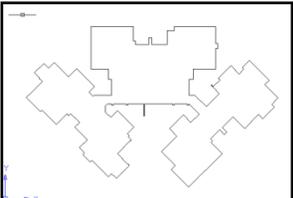
Atal Nagar Vikas Pradhikaran

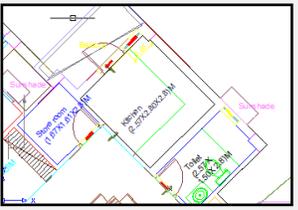
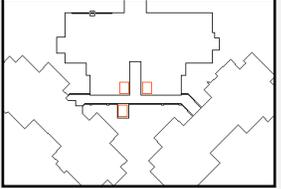
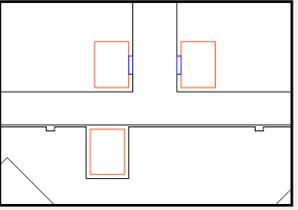
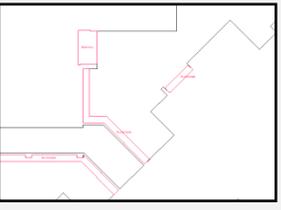
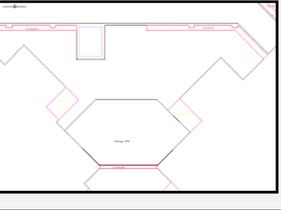
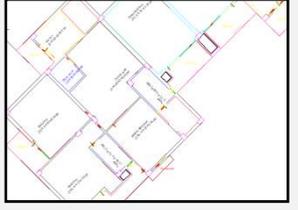
Following guidelines are to be followed while preparing the submission drawings (AutoCAD platform) for proposals seeking Building Permission (Online) in the city Atal Nagar, Chhattisgarh.

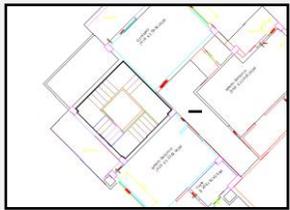
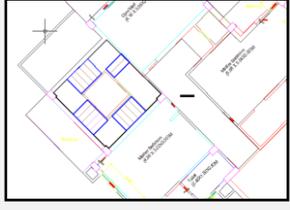
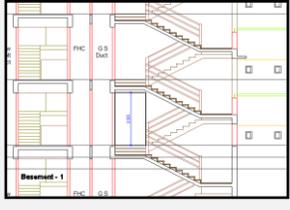
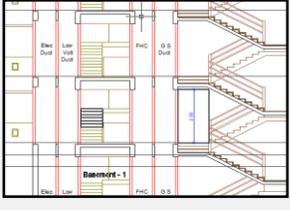
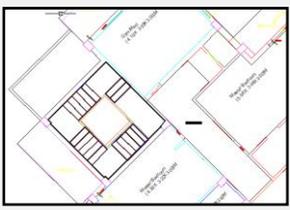
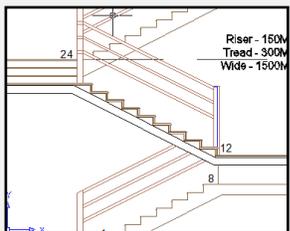
Table 1 Guidelines for submission drawings for Online Building Plan Approval

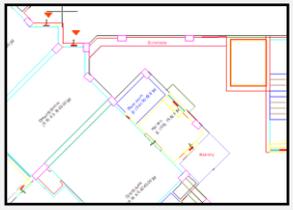
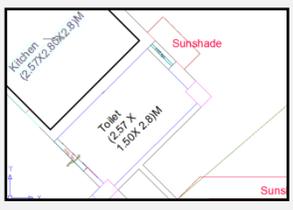
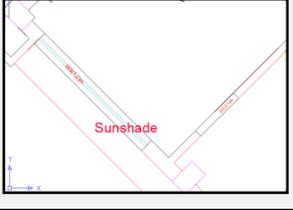
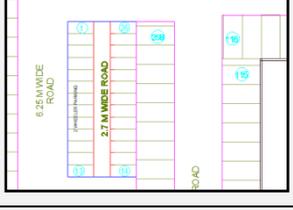
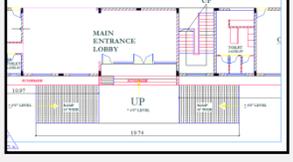
S.No	Aspect	Requirements				
A	Required drawing format	.dxf				
B	Drawings to be provided for Online Building Permission process	<ol style="list-style-type: none"> 1. Site Plan 2. Building wise floor plans (containing all floor plans except basement) 3. Section and Elevation 4. Basement 				
C	Nomenclature of drawing files	<ol style="list-style-type: none"> 1. Site Plan – SITE_PLAN 2. Floor Plans – BUILD_NAME 3. Section and Elevation – SECTION_ELEVATION 4. Basement - BASEMENT 				
D	Rule for Floor Plans	<p>All floor plans are to enclosed in a separate rectangle called “Floor Container”. These floor plans are to be named as – “FLOOR-000” for ground floor, “FLOOR-001” for First Floor and so on. For typical floor plans, nomenclature to be used are- “FLOOR-002-007”, where second floor to seventh floor are typical floor plans.</p> <p>Along with the above, following nomenclatures are to be used for respective cases:</p> <ol style="list-style-type: none"> 1. Basement first floor – “FLOOR- BASEMENT1” 2. Basement second floor – “FLOOR-BASEMENT2” 3. Terrace floor – “TERRACE” 4. Mezzanine floor – “MEZZANINE FLOOR” 5. Section – “SECTION” 6. Elevation – “ELEVATION” 7. Site Plan – “SITE PLAN” <p>Floor Outline should be made excluding balconies and projections(All types- Canopy, Sunshade, Chajja, projection, Porticos)</p> <p>All Labels for any kind of entity should be in basic font and not in bold/Italic/underline (Example- Bedroom(2.3x3.4x3.2)m)</p>				
E	Rule for Building Footprint	<p>It is essential to evaluate the footprints of the proposed building. For the purpose, all the proposed buildings are to be enclosed in a polyline called building footprints. The detailed examples are illustrated in following sections.</p> <p>Building footprint must have label with naming convention as Example – PLOTTED_HOUSING, COM_TOWER</p> <p>File name = prefix + Building label on site plan</p> <p>Prefix –</p> <p>BUILD_ (In case of Building plan)</p> <p>SECTION_ELEVATION_(In case of section and elevation)</p> <p>SITE_PLAN (In case of site plan)</p> <p>BASEMENT (In case of basement)</p>				
F	Layer Name, Description, Types of Features, naming convention(labels), examples of drawings Note: All drawing units should be in meters					
S.No	Layer Name	Description	Type of feature	To be read from	Naming Conventi on	Example in drawing

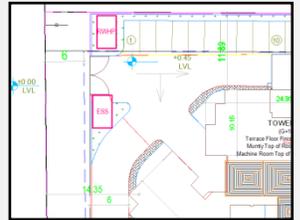
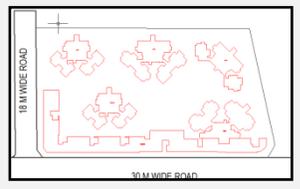
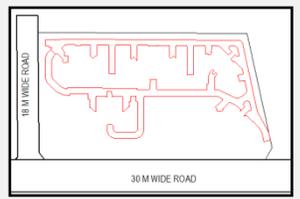
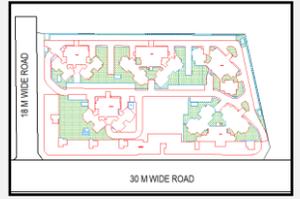
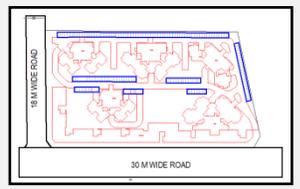
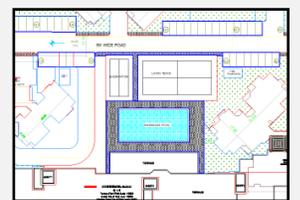
1	NRDA_BUILDING_HEIGHT	NRDA_BUILDING_HEIGHT Polygon is used to calculate the complete height of the building including plinth level and excluding Parapet and Mummy heights <i>Note: The building height should be starting from the ground level to the bottom of the parapet on terrace level</i>	Poly line (Closed)	Elevation		
2	NRDA_COMMON	NRDA_COMMON Polygon is used to calculate the total area of the common areas (which includes entrance lobby, Common hall, Waiting area etc.) <i>Note: NRDA_COMMON may contain or may not contain corridors, Lift lobby, Staircase, cutouts, shaft, duct, lift</i>	Poly line (Closed)	Plan		
3	NRDA_CORRIDOR <i>Note : Text and polygon should be kept on same layer</i>	NRDA_CORRIDOR Polygon is used to determine the area of corridor for deductions from built up area	Poly line (Closed)	Plan	Example - CORRIDOR(1.5)m	
4	NRDA_CUTOUTS	NRDA_CUTOUTS Polygon is used to determine the area of Cutouts on every floor for deductions from built up area	Poly line (Closed)	Plan		
5	NRDA_DOOR <i>Note : Text and polygon should be kept on same layer</i>	NRDA_DOOR Polygon is used to determine the width of the door automatically and the height of the door is to be filled as MText as in example given.	Poly line (Closed)	Plan	Example - D1(2.1)m	
6	NRDA_DUCTS	NRDA_DUCTS Polygon is used to determine the area of ducts on every floor for deductions from built up area	Poly line (Closed)	Plan		

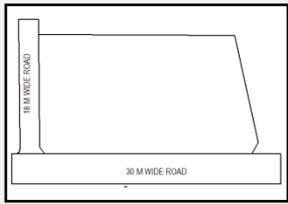
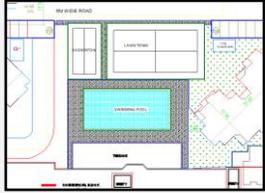
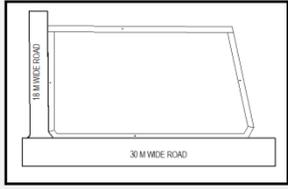
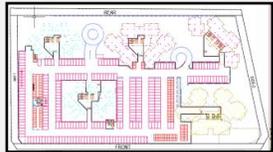
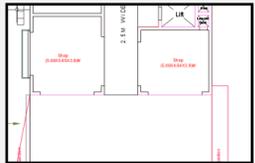
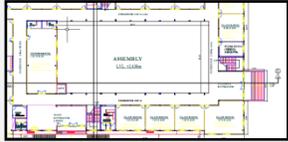
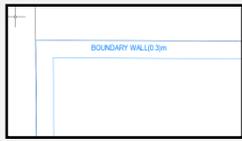
7	NRDA_FIRE_STAIR_FLIGHT	NRDA_FIRE_STAIR_FLIGHT Polygon is used to determine width of the fire staircase	Poly line (Closed)	Plan		
8	NRDA_FIRE_STAIR_TREAD	NRDA_FIRE_STAIR_TREAD Polygon is used to determine the no. Of treads in each stair and minimum width of each tread	Poly line (Closed)	Plan		
9	NRDA_FIRE_STAIR_RISER	NRDA_FIRE_STAIR_TREAD Polygon is used to determine the no. Of risers in each stair and minimum height of each riser	Poly line (Closed)	Section		
10	NRDA_FIRE_STAIRCASE	NRDA_FIRE_STAIRCASE Polygon is used to determine the No. Of Fire staircase availability in a building and area of the complete staircase area	Poly line (Closed)	Plan		
11	NRDA_FLOOR_CONTAINER	NRDA_FLOOR_CONTAINER Polygon is used to determine the Floor number which has to be a closed polygon around the floor plan with label name of floor number	Poly line (Closed)	Plan	Refer Clause D of the Table 1.	
12	NRDA_FLOOR_HEIGHT	NRDA_FLOOR_HEIGHT Polygon is used to determine the height of the floor Floor Number to be written inside polygon In case of Basement present (height to be drawn in SECTION_ELEVATION drawing)	Polyline(Closed)	Elevation	Example – FLOOR-000 FLOOR-001 BASEMENT	
13	**NRDA_FLOOR_OUTLINE	NRDA_FLOOR_OUTLINE Polygon is used to determine the gross area of the floor including lift, staircase, corridors, cutouts with balcony exceptions	Polyline(Closed)	Plan		

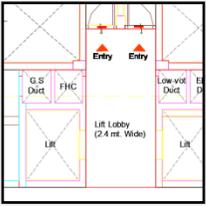
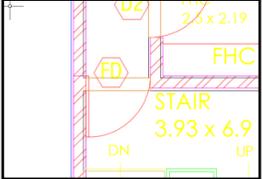
14	NRDA_KITCHEN	NRDA_KITCHEN Polygon is used to determine the area of the kitchen and dimensions of the kitchen to be labeled on drawing	Polyline(Closed)	Plan	Example – Kitchen (LxBxH) (2.57X2.8 0X2.8)m	
15	NRDA_LIFT	NRDA_LIFT Polygon is used to determine the No. of lifts in the building and also to determine the internal dimensions of lift well	Polyline (Closed)	Plan		
16	NRDA_LIFT_DOOR	NRDA_LIFT_DOOR Polygon is used to determine the width of the lift door. Also it is mandatory to draw door attached to every NRDA_LIFT Polygon	Polyline (Closed)	Plan		
17	NRDA_PROJECTIONS	NRDA_PROJECTIONS Polygon is used to determine the number and area of all the types of projections (cornice , roof, weather shade, Sunshade , canopy Projected balcony at higher floors ,Projecting Rooms balconies)	Polyline (Closed)	Plan	Example – BALCONY , SUNSHADE	
18	NRDA_REFUGE AREA	NRDA_REFUGE_AREA Polygon is used to whether refuge area is present in the building and to determine its area.	Polyline (Closed)	Plan		
19	NRDA_ROOMS	NRDA_ROOMS Polygon is used to determine the area of the room and dimensions of the room to be labeled on drawing	Polyline(Closed)	Plan	Example-Bedroom (LxBxH) (3.45 X 4.16 X3.00)m	
20	NRDA_SHAFT	NRDA_SHAFT Polygon is used to determine the area of shaft on every floor for deductions from built up area	Polyline(Closed)	Plan		

21	NRDA_STAIR_AREA	NRDA_STAIR_AREA Polygon is used to determine the No. Of staircase availability in a building and area of the complete staircase area	Polyline(Closed)	Plan		
22	NRDA_SPIRAL_STAIR	NRDA_SPIRAL_STAIR Polygon is used to determine the provision of spiral staircase in a building and diameter of the spiral staircase.				
23	NRDA_STAIR_FLIGHT	NRDA_FIRE_STAIR_FLIGHT Polygon is used to determine width of the staircase	Polyline(Closed)	Plan		
24	NRDA_STAIR_HEADROOM	NRDA_STAIR_HEADROOM Polygon is used to determine the clear height in the staircase area	Polyline(Closed)	Section		
25	NRDA_STAIR_RISER	NRDA_STAIR_RISER Polygon is used to determine the number of risers in staircase and height of riser	Polyline(Closed)	Section		
26	NRDA_STAIR_TREAD	NRDA_STAIR_TREAD Polygon is used to determine the number of tread in staircase and width of tread	Polyline(Closed)	Plan		
27	NRDA_STAIR_RAILING	NRDA_STAIR_RAILING Polygon is used to determine the height of the railing	Polyline(Closed)	Section		

28	NRDA_STORE_ROOM	NRDA_STORE_ROOM Polygon is used to determine the area of the store room and dimensions of the store room to be labeled on drawing	Polyline(Closed)	Plan	Example – Store room (1.67X1.61X2.8)m	
29	NRDA_TOILET	NRDA_TOILET Polygon is used to determine the area of the toilet and dimensions of the toilet to be labeled on drawing	Polyline (Closed)	Plan	Example – Toilet (2.57 X 1.50X2.8) m WC- Water Closet ,WB- Wash Basin	
30	NRDA_VENTILATOR	NRDA_VENTILATOR Polygon is used to determine the width of the ventilator automatically and the height of the ventilator is to be filled as MText as in example given	Polyline (Closed)	Plan	Example - V1(0.6)m	
31	NRDA_WINDOW	NRDA_WINDOW Polygon is used to determine the width of the window automatically and the height of the ventilator is to be filled as MText as in example given	Polyline (Closed)	Plan	Example – W9(1.2)m	
32	NRDA_BIKE_PARKING_SLOT	NRDA_BIKE_PARKING_SLOT Polygon is used to determine the total no. of 2 wheeler parking and total area occupied	Polyline (Closed)	Plan		
33	NRDA_CAR_PARKING_SLOT	NRDA_CAR_PARKING_SLOT Polygon is used to determine the total no. of car and total area occupied	Polyline (Closed)	Plan		
34	NRDA_RAMP	NRDA_RAMP Polygon is used to determine the width and length of the ramp provided in the building	Polyline (Closed)	Plan		

35	NRDA_ABUTTING_ROAD	NRDA_ABUTTING_ROAD Polygon is used to determine the width of the road connecting to the plot	Polyline (Closed)	Site plan	Example – 30 M WIDE ROAD	
36	NRDA_AMENITIES (rain water harvesting , ESS, garage, suction tank, pump room, sanitary block)	NRDA_AMENITIES Polygon is used to determine the types of amenities on site. The amenities have to be labeled accordingly in MText	Polyline (Closed)	Site plan	Example – ESS (Electric substation)	
37	NRDA_BUILDING_FOOTPRINT	NRDA_BUILDING_FOOTPRINT Polygon is used to determine the No. of Blocks and area per block on site	Poly line (Closed)	Site plan	Example- Residential- RES_TOWER-A Commercial – COM_TOWER-F	
38	NRDA_INTERNAL_ROAD	NRDA_INTERNAL_ROAD Polygon is used to determine the total area of internal roads all over the site	Polyline (Closed)	Site plan		
39	NRDA_OPEN_SPACES	NRDA_OPEN_SPACES Polygon is used to determine the total area of open spaces on site other than open parking and amenities	Polyline (Closed)	Site plan		
40	NRDA_PARKING	NRDA_PARKING Polygon is used to determine the total area of parking on site	Polyline (Closed)	Site plan		
41	NRDA_PATHWAYS	NRDA_PATHWAYS Polygon is used to determine the area of pathways on site	Poly line (Closed)	Site plan		

42	NRDA_PLOT	NRDA_PLOT Polygon Is used to determine the area of the plot	Polyline (Closed)	Site plan		
43	NRDA_RECREATIONAL	NRDA_RECREATIONAL Polygon is used to determine the area of recreational area on site	Polyline (Closed)	Site plan		
44	NRDA_SETBACKS	NRDA_SETBACKS Polygon is used to determine the width of the setbacks on all side of plot	Polyline (Closed)	Site plan	Example – FRONT	
45	NRDA_BASEMENT_SE TBACK	NRDA_SETBACKS Polygon is used to determine the width of the setbacks of basement on all side of plot	Poly line (Closed)	Basemen t_Site	Example – FRONT	
46	NRDA_INDUSTRIAL_U NIT	NRDA_INDUSTRIAL_UNIT Polygon is used to calculate the area and dimension of an industrial unit	Poly line (Closed)	Plan	Example- Raw Material (LxBxH) (3.45 X 4.16 X3.00)m	
47	NRDA_COMMERCIAL_ UNIT	NRDA_COMMERCIAL_UNI T Polygon is used to calculate the area and dimension of an commercial unit	Poly line (Closed)	Plan	Example- Office (LxBxH) (3.45 X 4.16 X3.00)m	
48	NRDA_INTERNAL_OPE N_SPACE	NRDA_INTERNAL_OPEN_ SPACE is used to calculate the area of the open to sky areas inside a building like courtyard, atrium or planters This is not to drawn in the NRDA_CUTOOUT layer	Poly line (Closed)	Plan		
49	NRDA_BOUNDARY_W ALL	NRDA_BOUNDARY_WALL is used to calculate the height of boundary wall	Poly line (Closed)	Plan	Example- Boundary Wall(0.3 m)	

50	NRDA_LIFT_LOBBY	NRDA_LIFT_LOBBY is used to calculate the dimensions of the lift lobby	Poly line (Closed)	Plan		
51	NRDA_FIRE_DOOR	NRDA_FIRE_DOOR is used to find the presence of fire door in the building adhering to fire safety norms	Poly line (Closed)	Plan	Example-FD(2.1)m	
52	NRDA_BUILDING_USE	NRDA_BUILDING_USE is used to find the types of building use on site	MText	Site Plan	Example-	