Floor Plan (DWG) Deliverables

Floor Plan (DWG)

The Floor Plan (DWG) is a CAD-based drawing of existing interior conditions, developed from on-site measurements using the iGUIDE Camera System. It illustrates current wall layouts, room configurations, and structural elements as captured at the time of documentation. Delivered in either Metric or Imperial units, this file supports design development, planning, and consultant coordination.

- **Floor Plans:** 2D 2018 drawing file (.dwg).
- **Delivery Time:** 2 business days* for properties under 10,000 sq ft, starting from the time the iGUIDE is published. For properties over 10,000 sq ft, turnaround time may vary based on size and complexity. Delivery timelines will be confirmed upon review if inquired. For questions or specific delivery requests, please submit a ticket at support.youriguide.com. **Delivery times may be affected by property size, layout complexity, and any additional requested services. Business days exclude weekends, holidays, and hours outside of Monday–Friday, 9:00 AM–5:00 PM ET.*

	Standard	**Premium**
Included	✔ AutoCAD 2018 Drawing File (.dwg) ✔ Metric or Imperial Units ✔ AIA Layer Format ✔ Wall Types & Placement ✔ Wall Sizes at ½" (10mm/13mm) Tolerances ✔ Wall Placement at ¼" (5mm/6.5mm) Tolerances ✔ Door Types & Placement ✔ Window Types & Placement ✔ Stairs ✔ Structural Elements: Columns ✔ Floor to Floor Alignment ✔ External Features (Decks, Patios, Porches)	✔ Room Labels ✔ Room Areas ✔ Room Measurements ✔ Ceiling Heights (Flat) ✔ Premium Objects: Millwork/Cabinetry, Washroom Fixtures, etc.
Not Included	❌ 3D AutoCAD/3D Representation ❌ Ready to Plot Sheets ❌ Wall Assembly Details ❌ Window/Door Tags ❌ Floor Material ❌ Point Cloud ❌ Project/Survey Coordinates ❌ Complex Ceiling Heights/Representation (Sloped, Vaulted or Tray) ❌ Structural Elements: Beams, Lintels, Joists	
** Deliverables are dependent on successfully meeting capture requirements.* ** All drawings are produced using Revit LT 2020.*		

Floor Plan Deliverables

File Format: 2D drawing file (.dwg), exported in AutoCAD 2018 format from Revit.

Interior Walls: Drawn to reflect standard dimensional lumber sizes, with typical wall thicknesses of 4 ½" (114 mm) and 6 ½" (165 mm).

- *Wall Thicknesses: Drafted in ½" (13 mm) increments.
  **Imperial: Wall thicknesses measured to the nearest ½".*
  **Metric: Wall thicknesses measured to the nearest 1 cm.*
- *Wall Placements: Interior walls are positioned to achieve room dimensions to the nearest ¼".
  **Imperial: Paint-to-paint dimensions may appear as 5'-6 ¼" × 10'-5 ¼".*
  **Metric: Paint-to-paint dimensions may appear as 5005 mm × 5105 mm.*
- Half Walls: Represented as non-hatched walls to indicate reduced height.

Exterior Walls: Initial placement is based on operator input and ground-level point cloud data. Final thicknesses are adjusted to align with typical dimensional lumber and standard assembly profiles (e.g., brick or siding) to ensure reliable floor-to-floor alignment.

- *Wall Thickness & Placement: Where exterior capture data is not available, wall dimensions are adjusted based on interior point cloud interpretation. Thresholds and increments follow the same standards as interior walls.

Structural Elements: Columns are shown as solid objects in square, circular, or I-shape profiles and located within the interior footprint. Beams & Lintels are not represented on the Floor Plan.

Fireplaces: Indicated using a single medium line weight outlining the fireplace footprint, labeled accordingly.

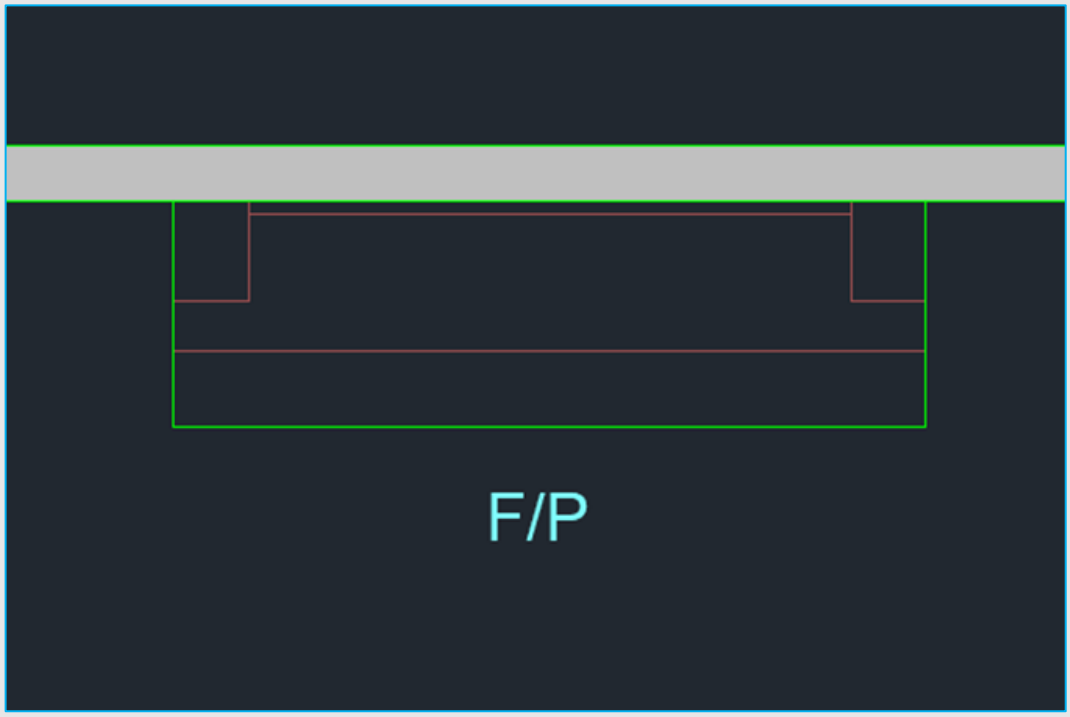


Figure # 1 - Fireplaces in Floor Plan (DWG)

Floor to Floor Alignment: In multi-storey properties, alignment is maintained using consistent interior reference points such as stairwells or elevator shafts. Exterior wall positions are refined using available data (including ground-level capture) and adjusted to match standard construction assemblies.

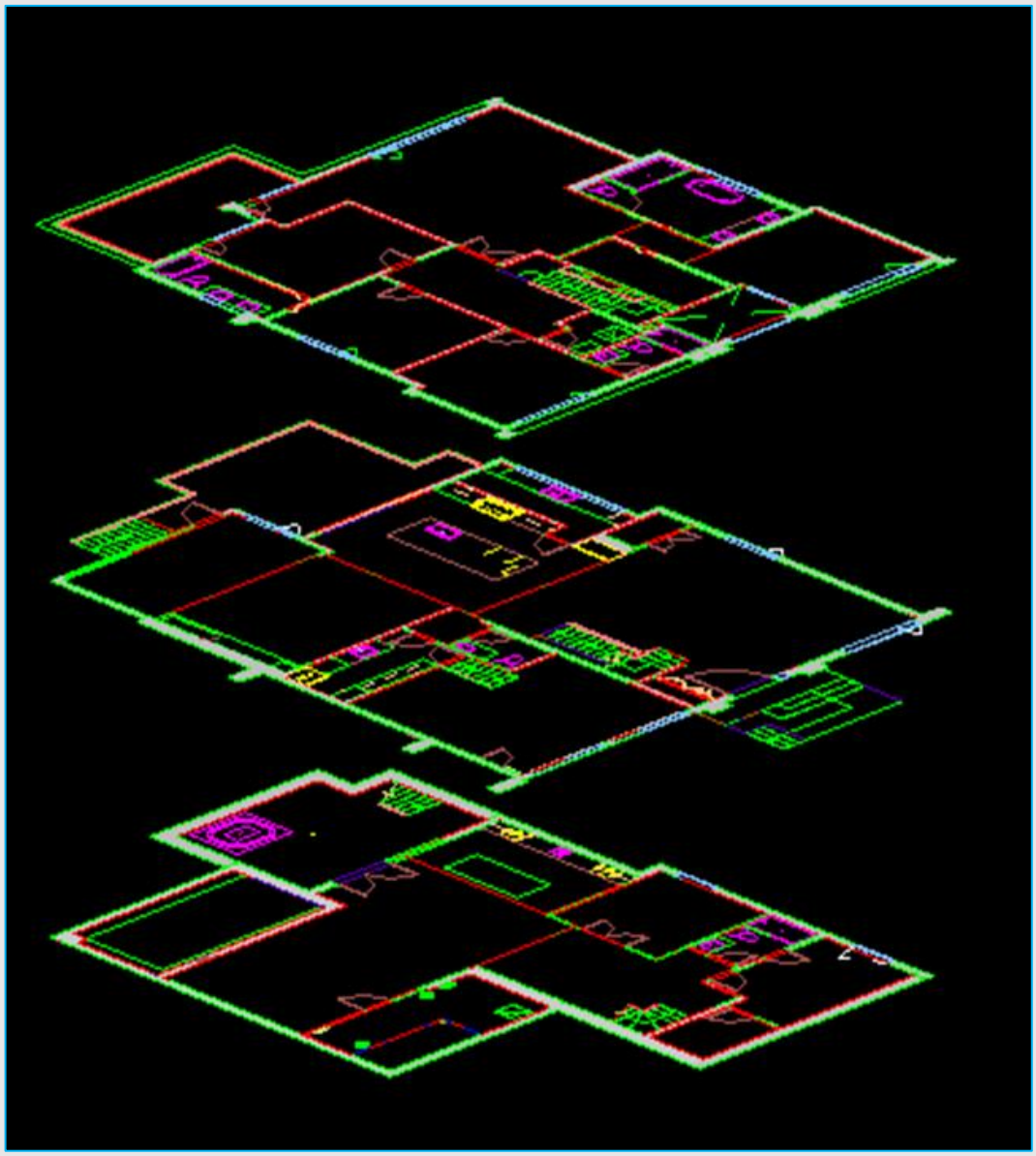


Figure # 2 - Floor to Floor Alignment

Doors: Represented using predefined blocks matching the available door types in the iGUIDE Floor Plan system. Door widths are measured from inside frame to inside frame (clear opening) and drafted to the nearest 2" (51 mm) increment. Door jambs are not represented.

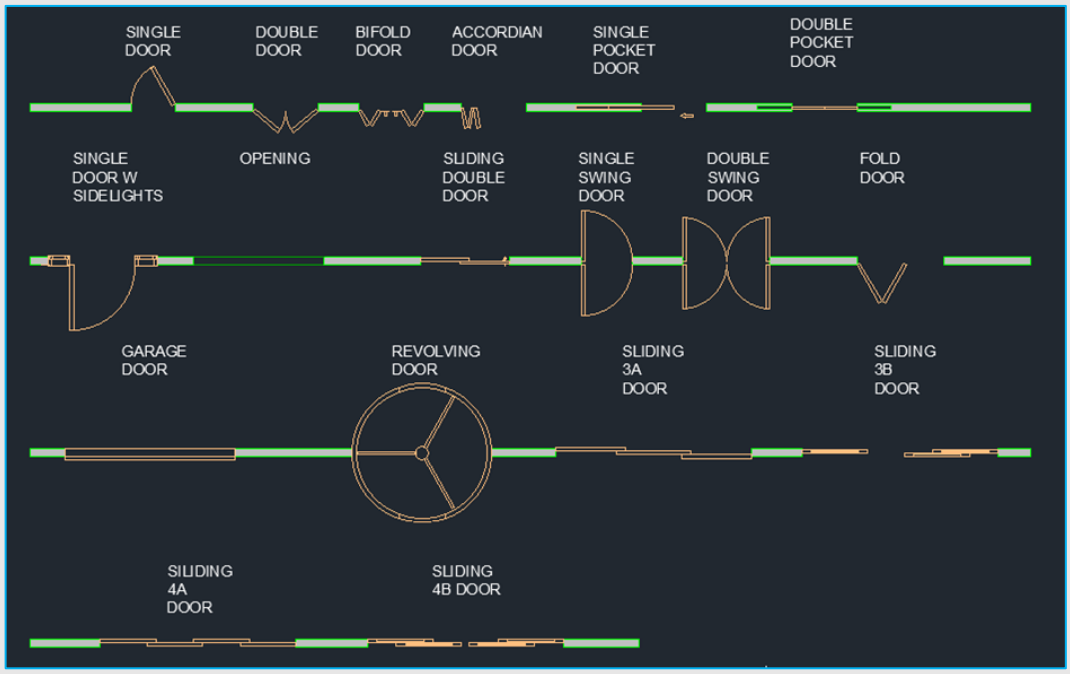


Figure # 3 - Door Types in Floor Plan (DWG)

Windows: Shown using one of seven standard window blocks. Window widths include the surrounding frame and are measured to the nearest 1" (25 mm) increment.

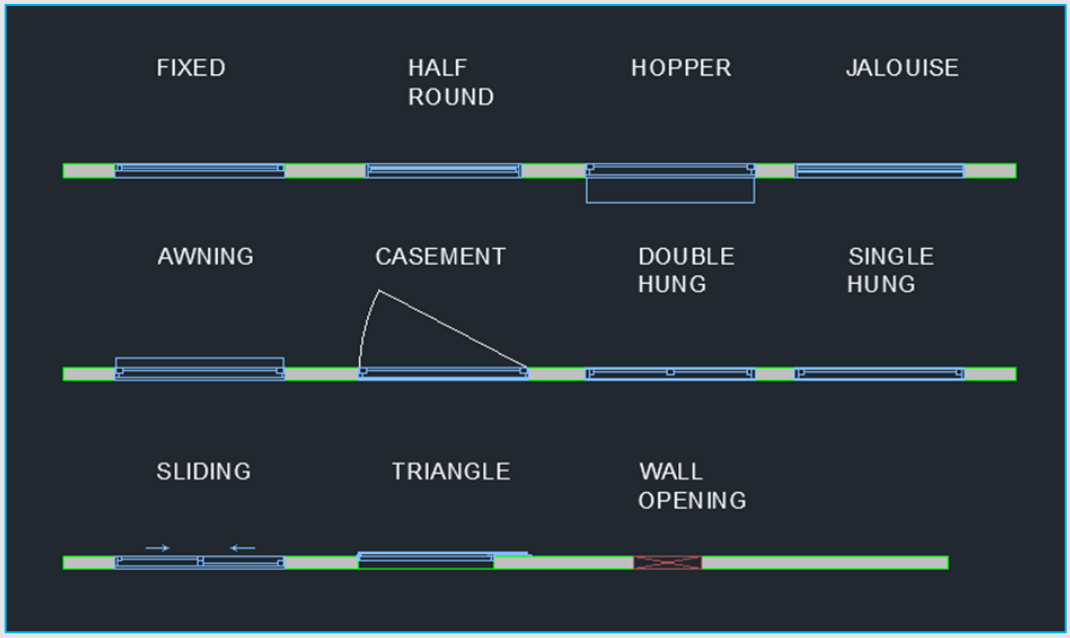


Figure # 4 - Window Types in Floor Plan (DWG)

Curtain Walls: Drafted as walls with default 2.5" × 2.5" (63.5 mm × 63.5 mm) mullions. Measured to the nearest 1" (25 mm) increment.

Stairs: Depicted with a single directional line to indicate the stair run, with cosmetic riser lines included (not to scale). Each stair element includes a label block noting the direction and true riser count (e.g., UP 14R). Portions of stairs that fall below the standard 4-foot cutline are not shown and are indicated using a break line. This cutline may be adjusted at the drafter's discretion to improve alignment with the iGUIDE Floor Plan.

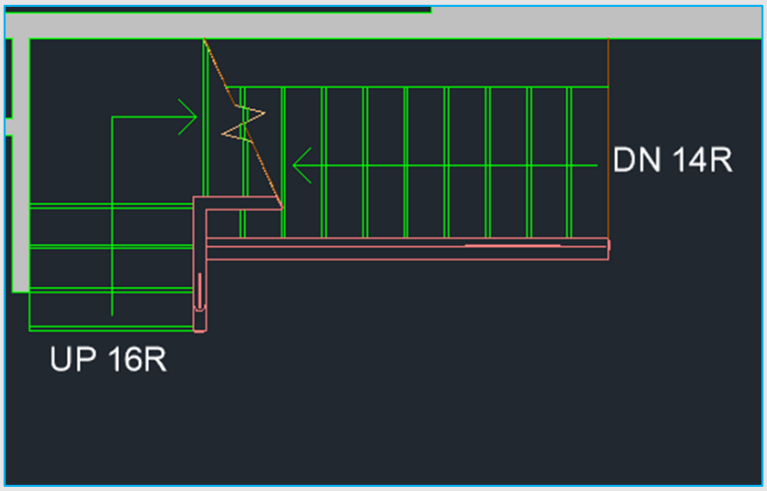


Figure # 5 - Stairs with Riser Count

Exterior Features: Exterior components such as porches, decks, and balconies are represented with single-line outlines indicating their location and extent.

- Exterior Stairs and Ramps: Shown using the same drafting conventions as interior stairs.
- Exterior Columns: Supporting exterior columns connected to the main structure are represented on the Floor Plan.

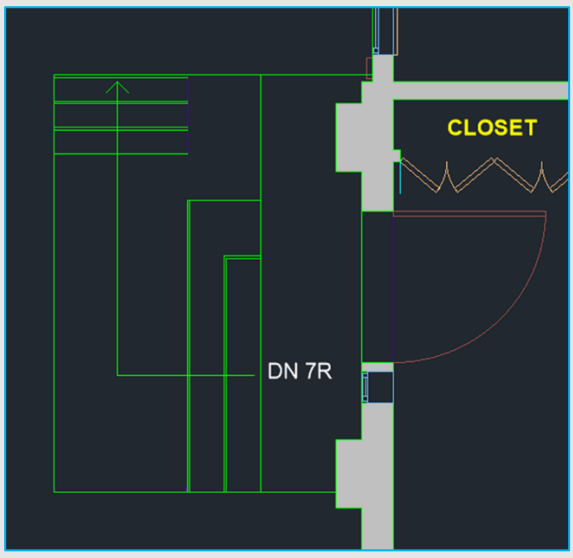


Figure # 6 - Outdoor Features (Porch)

AIA Layers: All drawing elements are assigned to appropriate layers following the AIA (American Institute of Architects) Layer Standard upon export to DWG format from Revit software.

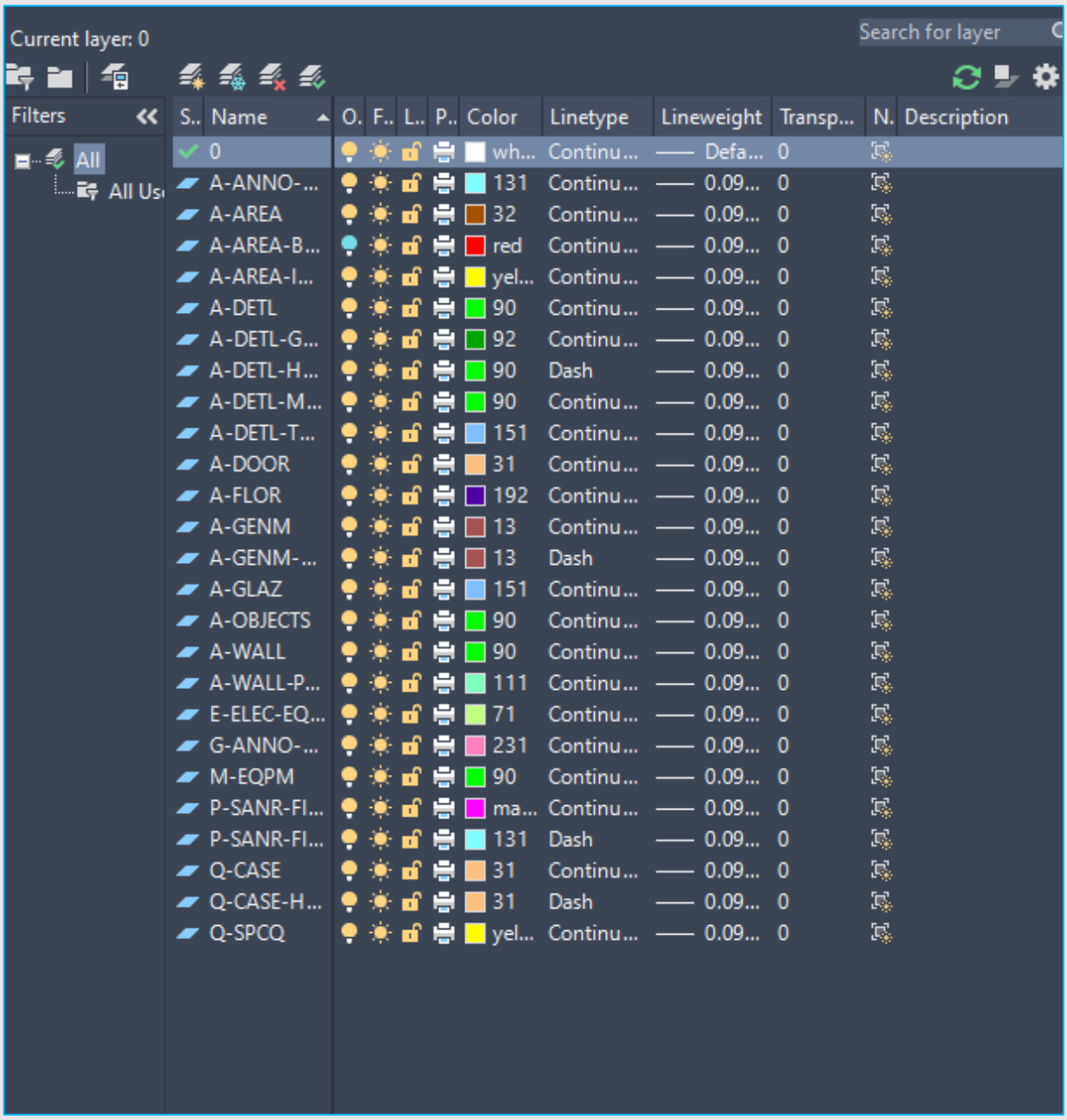


Figure # 7 - AIA Layer Format

Room Boundaries: Rooms are enclosed using polyline boundaries, primarily for the purpose of calculating room areas. Room boundary polylines are turned off by default in the DWG file.

Premium Floor Plan (DWG) Features:

***Room Labels:** Annotative labels are included to clearly identify rooms. Font size and placement vary based on room size and type.

***Room Areas:** Provided for primary spaces such as bedrooms, kitchens, living rooms, and large hallways. Not provided for minor spaces such as closets, small hallways, voids, or stairwells.

***Room Measurements:** Measurements are taken from interior wall face to interior wall face (i.e., paint-to-paint). Measurements indicate the longest width and length of a room, rounded to whole numbers to conserve paper space.



Figure # 8 - Room Labels in Premium Floor Plan (DWG)

***Room Heights:** Flat ceilings include a single vertical height dimension to the nearest 1" (25 mm). Sloped, vaulted, or tray ceilings are denoted as VAR. (variable height).

*Room by Room Measurements may differ from the DXF & the iGUIDE Virtual Tour.
*All annotations listed above are dependent on the size of the space. If the room is too congested or small, some or all annotations will be omitted. Generally, annotations are represented in a similar fashion as the iGUIDE Floor Plan.

Premium Objects: Premium objects, millwork, and counters. Outlined with a solid thin thickness line if below four feet from the floor level, a dashed thin thickness line if underneath a counter and a dashed think thickness line for overhead cabinetry.

- Kitchen: Objects such as Fridges, Stoves, Dishwashers & Sinks will be represented.
- Bathroom: Objects such as Toilets, Sinks, Showers & Tubs will be represented.
- Laundry: Objects such as Washers & Dryer will be represented.
- Mechanical: Objects such as a Furnace, Water Heater & Hydro Meters will be represented.
- Commercial/Retail: Objects such as Cubicles, Store Shelving & Janitorial Sinks will be represented.

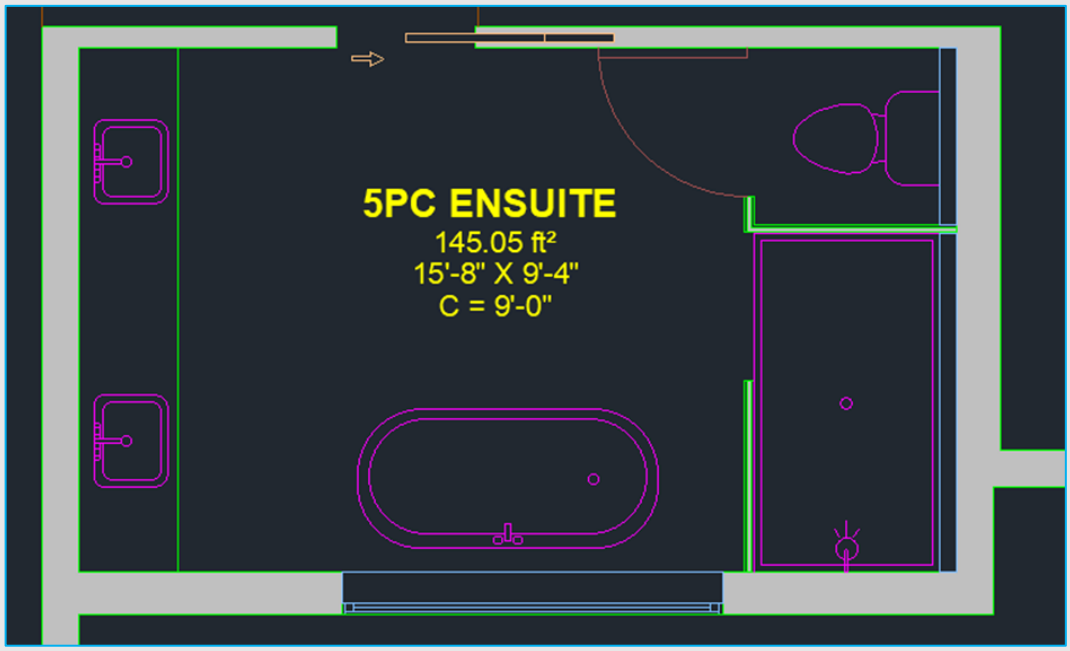


Figure # 9 - Premium Objects (Bathroom)

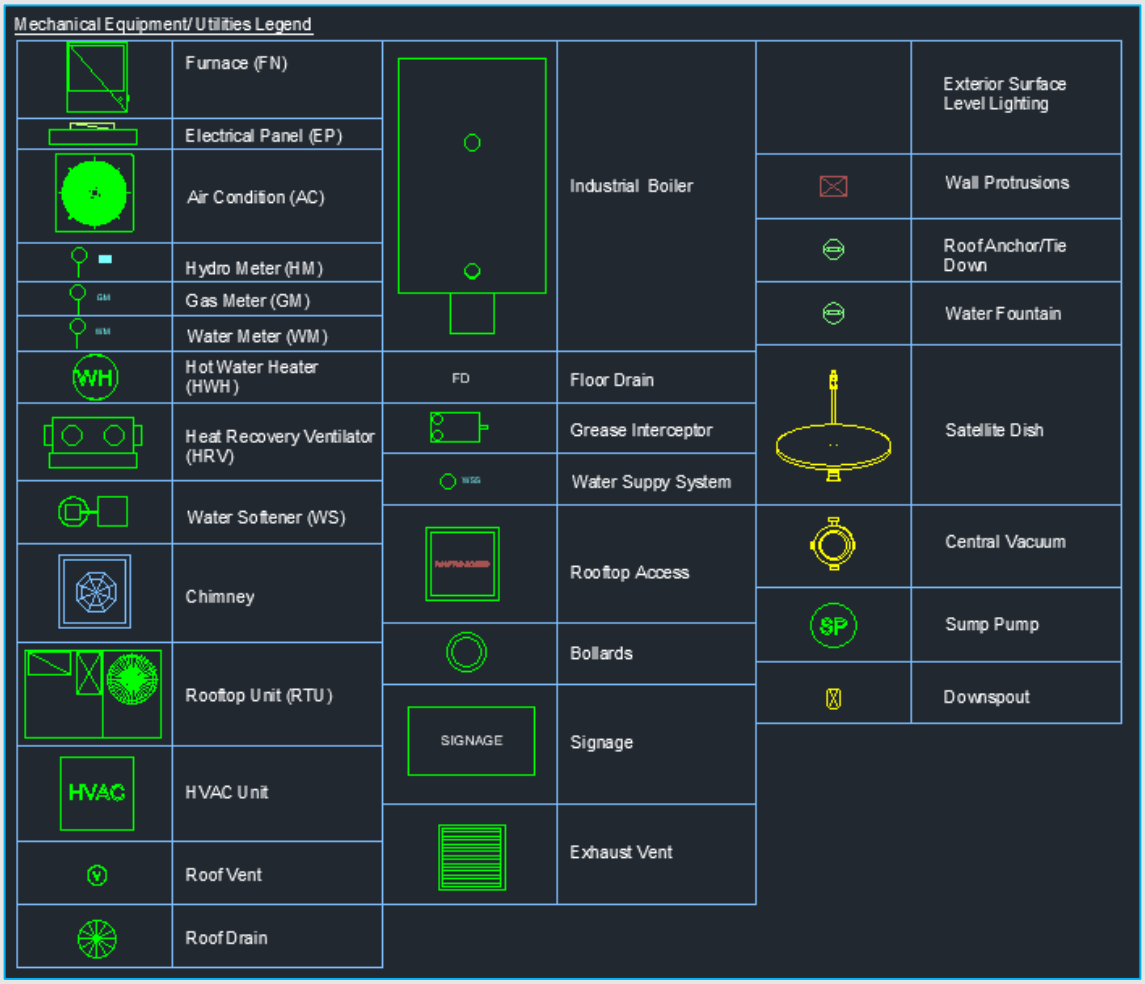


Figure # 10 - Floor Plan (DWG) MEP Object Library

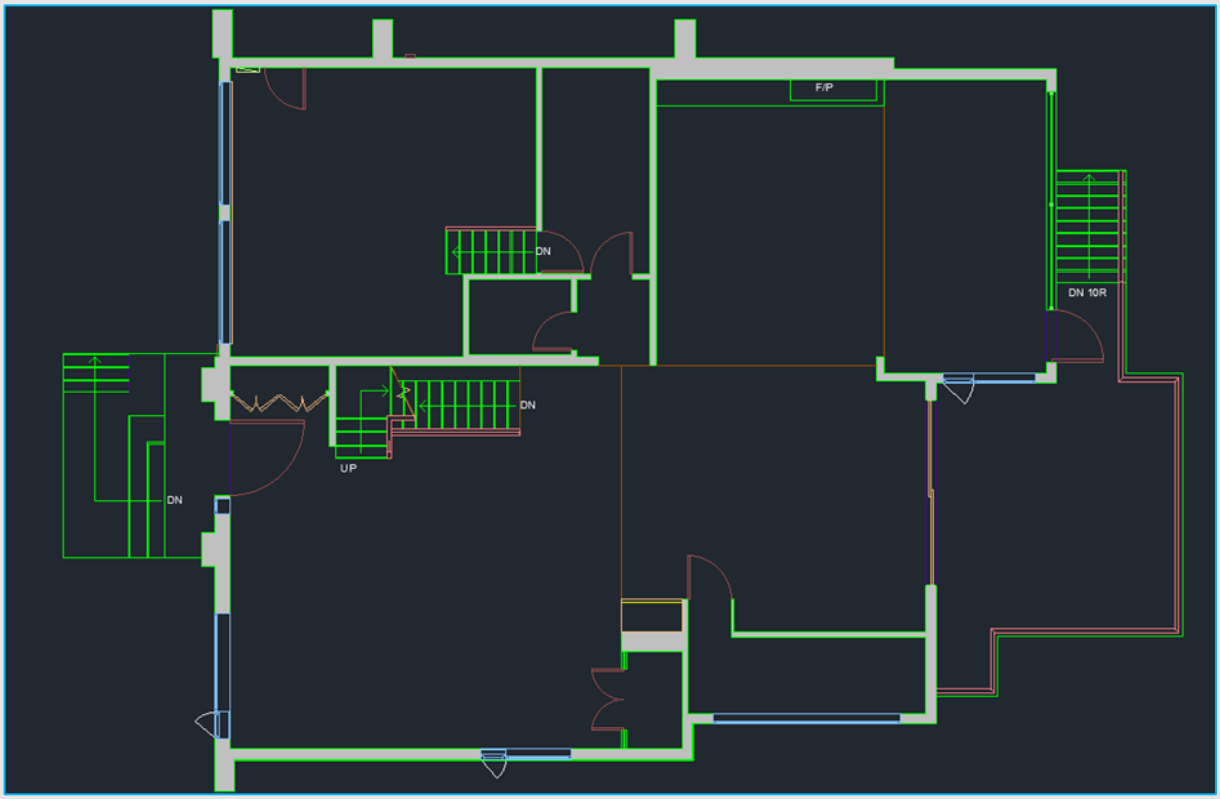


Figure # 11 - Standard Floor Plan (DWG) Residential

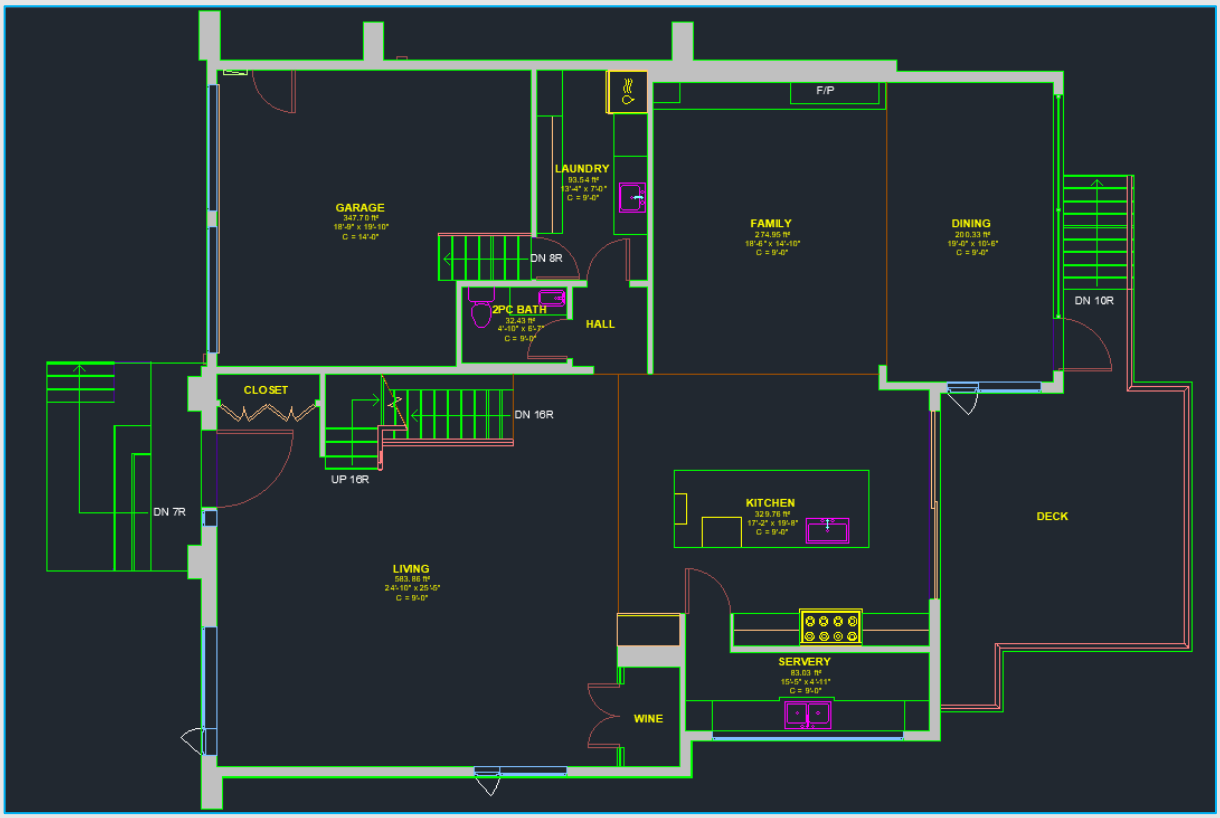


Figure # 12 - Premium Floor Plan (DWG) Residential

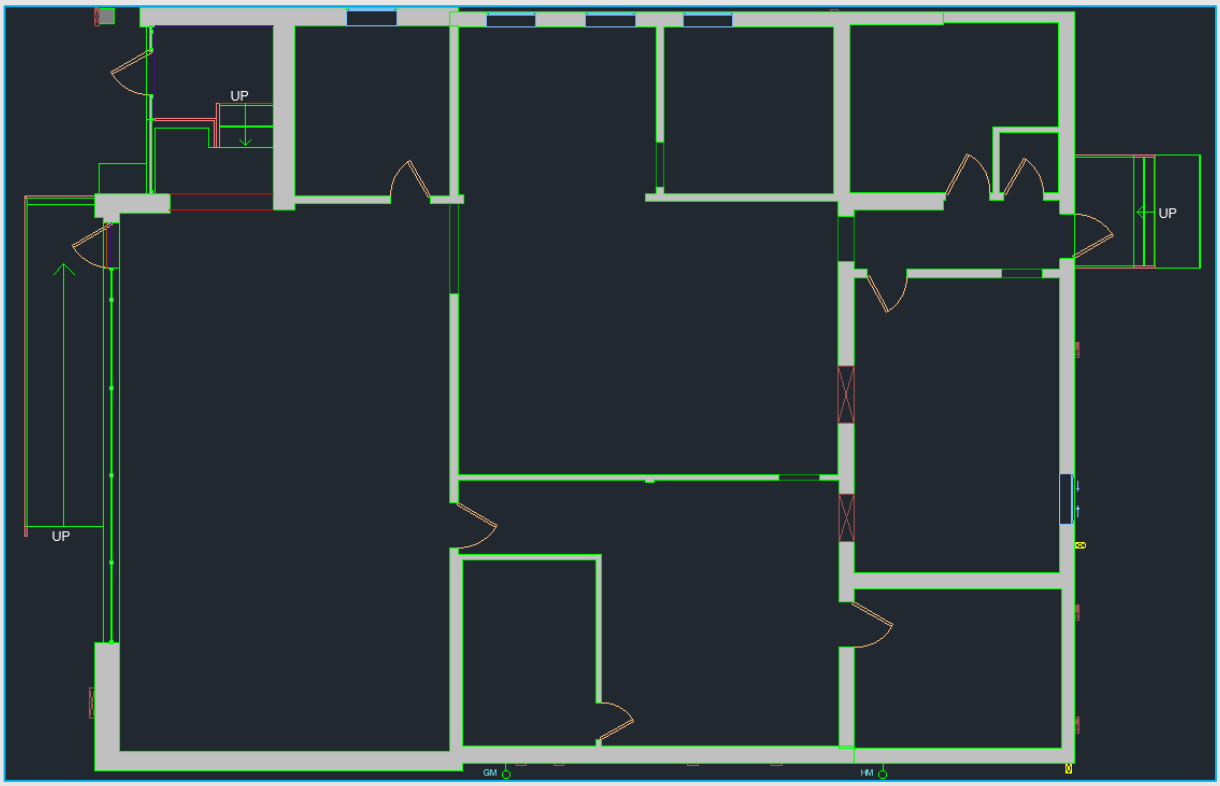


Figure # 13 - Standard Floor Plan (DWG) Commercial



Figure # 14 - Premium Floor Plan (DWG) Commercial

Additional Information

This section outlines key assumptions, limitations, and interpretations that inform the production of all DWG deliverables.

Data Interpretation – North America

Assumptions & Deviations: To produce a workable DWG file with consistent wall thicknesses and logical room structures, certain assumptions are made during drafting. These assumptions may result in minor deviations from raw laser data. Where data quality is high, fewer assumptions are required; where data is limited or unclear, interpretive adjustments may increase. These choices ensure a clean, editable output while maintaining functional reliability.

Dimensional Lumber Assumptions: As referenced in the Interior Walls section, wall thicknesses follow North American dimensional lumber standards. While laser data informs placement, it does not strictly govern wall dimensions. Interior wall widths are adjusted for uniformity using standard construction increments.

Exterior Wall Interpretation: To support accurate floor-to-floor alignment across multiple levels, exterior walls may be adjusted from raw scan values. These adjustments are made to align perimeters and provide a clean base for modification in post-processing.

Data Interpretation – Outside North America

Wall Treatment: For properties outside North America, interior and exterior wall dimensions are drawn relative to the point cloud data, typically to the nearest ½" (13mm) or 10mm. Room dimensions are measured to the nearest ¼" (6mm). Uniformity of wall thickness is not guaranteed.

Verticality & Floor Alignment: Due to differing construction standards and variable data quality, vertical alignment from floor to floor may not be achievable. Wall positioning is optimized for clarity and usability within the DWG environment, not for strict structural fidelity.

Complex Properties

Certain structures present limitations that may prevent full or accurate DWG representation. While the iGUIDE Camera System captures extensive visual and spatial data, some properties may fall outside the scope of what can be reasonably drafted. These include, but are not limited to:

- Irregular architectural structures (e.g., domes, yurts, religious facilities)
- Venues with highly specialized or layered infrastructure (e.g., theatres, arenas, stadiums, industrial complexes)
- Non-building scans (e.g., vehicles, aircraft, ships, trains)

Where such projects are delivered, they may include reduced detail or generalized representations. Full fidelity cannot be guaranteed for complex structures.

Floor Plan Disclaimer

All dimensions, room sizes, and areas are approximate and must be independently verified on site. These drawings are intended for reference only and should not be relied upon as final construction documents.