Port of Portland Documentation Standards

DEFINITIONS AND INDEX

PORT OF PORTLAND
DOCUMENTATION STANDARDS

DEFINITIONS & INDEX

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PORT OF PORTLAND DEFINITIONS

A

Abbreviations
See POP Graphic Standards, Section 2.10.5

ACC
See Autodesk Construction Cloud

Addenda
Addendum changes affecting drawings occur during the advertising/bidding period and may be done by text, reissuing the drawing, issuing a sketch, or by adding new drawings.

Advertisement Bid-Set
See POP Graphic Standards, Section 2.8.2

Airfield Electrical Design Graphical Standards
See POP CAD Standards

Airfield Lighting Data and Installation Chart
See POP CAD Standards

As-Bid
As-Bid is a project phase and milestone.
See POP Document Deliverable Standards, Section 1.2.4
See POP Graphic Standards, Section 2.8.4

Autodesk BIM 360
BIM 360 is a cloud-based construction management platform developed by Autodesk.

Autodesk Construction Cloud
Autodesk Construction Cloud is the next-generation cloud-based construction management platform developed by Autodesk

B

Bar Scale
See POP Graphic Standards, Section 2.9.2
See POP CAD Standards
See POP BIM Standard, Section 4.5.1.2

BIM
See Building Information Modeling

Blocks
See POP CAD Standards

Blocks – Airfield Lighting
See POP CAD Standards

Blocks – Civil Design
See POP CAD Standards

Blocks – Electrical and Comm
See POP CAD Standards

Blocks – Railroad
See POP CAD Standards

Blocks – Sheet Information
See POP CAD Standards

Blocks – Vicinity Maps
See POP CAD Standards

Building Information Modeling
Building Information Modeling (BIM) is a process that involves the creation and management of digital representations of physical and functional characteristics of a building or infrastructure project. It is a collaborative approach that utilizes 3D models, data, and information to support the design, construction, and operation of a structure throughout its entire lifecycle.

The Port's primary BIM authoring software is Revit (See Revit).

C

Callouts - Utility
See POP CAD Standards

Circuit Designation
See POP CAD Standards

Civil Design Graphical Standards
See POP CAD Standards

CMMS
See Computerized Maintenance Management System

Computerized Maintenance Management System
Software-based solution designed to streamline and manage maintenance operations on equipment and assets.

Contractor Designators for Airfield Lighting Circuits
See POP CAD Standards

Construction Drawings
See POP CAD Standards

Contours
See POP CAD Standards

Contract Changes
See POP CAD Standards

Cover Sheet
See POP CAD Standards

Curve Tables
See POP CAD Standards

D

Detail Callouts
See POP Graphic Standards, Section 2.11.2

Detail Titles
See POP Graphic Standards, Section 2.11.1

Dimensioning
See POP Graphic Standards, Section 2.10.6

Drawing Index
See POP Graphic Standards, Section 2.6.2

Drawing Number
See POP Graphic Standards, Section 2.2.2

Digital Signature
See POP Document Deliverable Standards, Section 1.3.3

E

EAN
Engineering Assignment Number

Electrical (Architectural) Standards
See POP CAD Standards

Electrical Utility Adjustment Schedule
See POP CAD Standards

Engineering Assignment Number
Also known as Design Number. See POP Graphic Standards, Section 2.2

F

Facility Codes
See Appendix: Port of Portland, Facility Naming Standards

Family (Revit - RFA)
A self-contained collection of 3D geometric objects, parameters, and data that define a specific object or element within a building, such as walls, doors, windows, furniture, equipment, fixtures, and more. It is a reusable and parametric component that can be placed within a Revit project to represent real-world objects. Families are saved as .rfa files.

Facility Management (FM)
The practice of overseeing and managing the physical assets and infrastructure of an organization to ensure their effective and efficient operation.

G

General Requirements
See POP CAD Standards

General Requirements – Civil Projects
See POP CAD Standards

General Requirements – Survey
See POP CAD Standards

Graphic Standards
See POP Graphic Standards.

Guidance Sign Schedule
See POP CAD Standards

K

Key Plans
See POP Graphic Standards, Section 2.9.3.

Keynote
See POP Graphic Standards, Section 2.10.3

L

Laying Guide
See POP CAD Standards

Legends
See POP CAD Standards

M

Matchlines
See POP Graphic Standards, Section 2.11.4

Model Space
See POP CAD Standards

N

North Arrow
See POP Graphic Standards, Section 2.9.1

Notes
See POP Graphic Standards, Section 2.10.2

Numbering - Sheets
See POP Graphic Standards, Section 2.7.8

P

Panel Schedule Format
See POP CAD Standards

Paper Space
See POP CAD Standards

Paving Grid Points
See POP CAD Standards

Plot Styles
See POP CAD Standards

Pre-Construction Drawings
See POP Document Deliverable Standards, Section 2.4.4

Pre-Drawing/Design
See POP Document Deliverable Standards, Section 2.4.1

Project Phases
See POP Document Deliverable Standards, Section 2.4

R

Roles and Responsibilities
See POP Document Deliverable Standards, Section 2.3

Record Drawings
See POP Document Deliverable Standards, Section 2.4.6

Removing a Detail
See POP Graphic Standards, Section 2.11.1

Removing a Sheet
See POP Graphic Standards, Section 2.8.5
For Revit-specific information, see POP BIM Standard, Section 4.6.3.1

Reprographics
See POP Graphic Standards, Section 2.9

Review Drawings
Pre-Bid Drawings

Revisions
See POP Graphic Standards, Section 2.7.9

Revit
The industry-standard BIM software by Autodesk. Revit allows users to manage a comprehensive and detailed digital representation of the building or infrastructure. This information-rich model contains data about the physical and functional characteristics of the facility, including equipment, systems, materials, and more. BIM enables facilities managers to have a holistic view of the facility and its components.

> **Revit Version:** Yearly release of Revit (i.e.. Revit 2023)
>
> **Revit Build:** Updates inside a version of Revit (i.e.. Revit 23.1)

RFA
File type of a Revit Family. See Families (Revit – RFA)

RVT
The file type that Revit projects are saved as.

S

Scales
See POP Graphic Standards, Section 2.5

Section Callouts
See POP Graphic Standards, Section 2.11.3

SharePoint
See Documentation Delivery Standards, Section 1.3

Shared Parameters
See POP BIM Standard, Section 4.4.1

Sheet Index
See POP Graphic Standards, Section 2.6.2

Sheet Set Manager
See POP CAD Standards

Sheets – Civil
See POP Graphic Standards, Section 2.4

Sheets – General Information
See POP Graphic Standards, Section 2.4

Sheets – Geometry Plans
See POP CAD Standards

Sheets – Paving and Site Grading
See POP CAD Standards

Sheets – Plan and Profile
See POP CAD Standards

Sheets – Site Plan and Vicinity Map
See POP Graphic Standards, Section 2.6.4

Sheets – Survey Control
See POP Graphic Standards, Section 2.6.6

Sheets – Work Area Plans and Phasing
See POP Graphic Standards, Section 2.6.5

Sheet Number
See POP Graphic Standards, Section 2.7.2

Signature
See Digital Signature

Structural Standards
See POP CAD Standards

Styles – Civil 3D for civil projects
See POP CAD Standards

Styles – Civil 3D Survey
See POP CAD Standards

Subdivision Plats
See POP CAD Standards

Surfaces
See POP CAD Standards

Survey – As-Constructed
See POP CAD Standards

Survey – AutoCAD Template
See POP CAD Standards

Survey File Naming Structure
See POP CAD Standards

Survey Graphic Standards
See POP CAD Standards

Survey – Hydrographics
See POP CAD Standards

Survey – Record of
See POP CAD Standards

Survey – Topographic
See POP CAD Standards

Symbology
See POP Graphic Standards

- **Symbology – Airfield Lighting**
  See POP CAD Standards
- **Symbology – Civil Design**
  See POP CAD Standards
- **Symbology – Electrical and Comm**
  See POP CAD Standards
- **Symbology – Railroad**
  See POP CAD Standards
- **Symbology – Sheet Information**
  See POP CAD Standards
- **Symbology – Standard**
  See POP CAD Standards
- **Symbology – Survey**
  See POP CAD Standards
- **Symbology – Vicinity Maps**
  See POP CAD Standards

T

Tables
See POP CAD Standards

Text
See POP Graphic Standards, Section 10.1

Titleblock
See POP Graphic Standards, Section 2.8

For CAD-specific titleblock information, see Appendix: Port of Portland, Titleblock Guide – AutoCAD Version

For Revit-specific titleblock information, see Appendix: Port of Portland, Titleblock Guide – Revit Version

Technical Reference Center
The Port's internal document database.

TRC
See Technical Reference Center

U

Utility Lines
See POP CAD Standards

V

View Titles/References
See POP Graphic Standards, Section 11.1

W

Worksharing
The collaborative feature that allows multiple users to work on a single Revit project simultaneously.

X

XREF
External Reference
See POP CAD Standards