

# UNIVERSITY CAD STANDARDS

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# UNIVERSITY CAD STANDARDS

## ARTICLE 1

### EXECUTIVE SUMMARY

Computer-Aided Design files are produced and used by the University and its business partners for a wide variety of facilities planning and management purposes throughout the building life-cycle, including initial design and construction, renovations, tenant improvements, maintenance, space planning and asset management to name a few. Consistent, usable, quality CAD drawings are a high-value information asset.

Because of the detailed nature of CAD drafting, CAD drawings are expensive to produce and maintain, requiring hundreds of man-hours of skilled drafting time for each plan set. Drafting preferences can vary widely from drafter to drafter, and affect issues such as drawing setup, file and database structure, layering, symbology and software dependencies.

In assembling a large archive of CAD for institutional facilities management, the drafting preferences and differences in drawing structure and can make drawings hard to understand, even unreadable, by those not involved in initial project activity. Widespread differences also preclude automation of various aspects of archive management.

Software problems can render drawings completely useless if formats or features become obsolescent or incompatible. Software vendors design these problems intentionally for purposes of incentivizing upgrades and discouraging platform switches. These factors create data loss risk for institutional archivists.

While the costs of CAD production will always remain high because of the meticulous and skilled nature of CAD drafting work, the problems associated with usability, consistency and software obsolescence can be addressed and mitigated with the implementation of institutional standards in the CAD drafting process.

*The challenge for the owner is to improve the consistency, usefulness and durability of high-value CAD assets beyond the original context of production, for the duration of a building's life-cycle.*

To this end, facilities planning and management departments at UC San Diego have established campus-wide standards for the development and maintenance of CAD facilities drawings. The standards seek to fulfill two pragmatic requirements that are important from the facilities owner's perspective:

Drawings must be consistent and readable by staff not involved in the original design work  
Drawings must be functional on a variety of CAD software platforms now and in the future.  
Standards improve quality, consistency, usability and extend drawing asset lifetime. Departments and personnel involved in facilities planning, construction, maintenance and plant renewal are expected to implement campus CAD standards in their internal work, and to require external partners to utilize standards for CAD produced outside of UCSD departments.

## ARTICLE 2

## **NATIONAL CAD STANDARDS**

These CAD Standards are an adaptation of mainstream industry conventions as assembled in the [National CAD Standard](#). The NCS specification consists of three well-known standards subcomponents that have been in circulation for quite some time:

- [American Institute of Architects](#) - CAD Layer Guidelines
- [Construction Specifications Institute](#) - Uniform Drawing System
- [Tri-Service CADD/GIS Center](#) - CAD Plotting Guidelines

These three standards subcomponents have strong and credible reputations in the industry, and the organizations have a track record for leadership in the establishment of standards. The NCS documentation represents a consensus of reasonable specifications for the design and drafting of CAD facilities drawings.

Note that the NCS does not fully address the requirements raised in the [Executive Summary](#). In practice, the NCS standards are used as a starting point for specifying the more specific needs for a given organization. Mike Sealander (CSI San Francisco) develops CAD Standards for his clients and summarizes this in a critique of AIA layer standards:

*To this end, the AIA Layer Guidelines serves as a method to draft with care, and with a rigor that allows human readability and an organizational completeness. .... I would recommend compliance with the AIA standards, but with a critical stance where the standards disagree with the realities of the practice. [[text](#)]*

The Committee has adopted the same approach. The bulk of the specifications summarized in the NCS are tremendously reasonable and are adopted AS-IS. The documentation that follows represents a summary of the University's exceptions and modifications, and some additional items not treated in the NCS documentation.

## **ARTICLE 3**

### **CAD REFERENCE PLATFORM**

The Reference Platform for UC San Diego is generic AutoCAD R2007 from Autodesk Corporation. The software is widely used in the industry and ample import/export support exists. The Reference Platform intentionally excludes the use of third-party utilities, libraries and add-on software.

Actual drafting activity may take place on different software, and may involve the use of additional third-party software packages. However, submittal drawings must be readable and free of errors on the Reference Platform. Drawing files should be submitted to the University in AutoCAD R2007 drawing format (.DWG).

The following configuration settings are required. External site plans must use decimal coordinates and consistently reference the California State Plane North American Datum of 1927 (NAD-27) Coordinate System. Internal building plans may use architectural fractions and be drafted at different scales, but should reference the same internal coordinate system from drawing to drawing.

## **ARTICLE 4**

### **PROJECT AND SHEET FILES**

Drafting processes have reached the point where almost all information plotted out to hard copy plan sets is produced using CAD software and stored in drawing files. For the purposes of this CAD Standard, there are two types of drawing files. These are **Project Files** and **Sheet Files**.

#### **4.1 PROJECT FILES**

Project CAD Files are defined as the set of CAD drawing and support files produced over the course of a specific capital project or renovation. Examples of project files include base plans, title blocks, overlays and X-referenced drawings, font, symbol and script libraries, raster graphics, and so forth. Drawings in the Project CAD set are often combined in various ways to generate sheet CAD files for plot output.

#### **4.2 SHEET FILES**

Sheet CAD Files are defined as a collection of plot-ready, blueprint-equivalent drawing files. Sheet files correspond to hard-copy as-built drawings of record that are also submitted. They serve as an electronic copy of the drawing of record. Sheet CAD drawing files must be free of file dependencies. X-references must be bound into the parent drawing. We recommend using the bind type “Bind” instead of “Insert” since this give a wider range of options. Sheet CAD files must be readable and free of errors on the CAD Reference Platform.

Both Project and Sheet CAD Files are required as part of a project submittal. Files must be readable and free of errors on the CAD Reference Platform.

## **ARTICLE 5**

### **FILE NAMING CONVENTIONS**

Filename standardization enables identification of file contents, and facilitates record keeping and document management. Filenames for all CAD drawing and support files must follow the NCS standard. In addition, the following provisions augment the National CAD Standard and must be adhered to as well.

#### **5.1 PROJECT NUMBER**

Submittal directories and filenames must be prefixed with the **University project or job number** plus an underscore. The job number or project number will be provided by the University at the commencement of the project.

**5.1.1** Project CAD files must be delivered packaged underneath a single directory. The directory name must be named using the UCSD project number prefix and the string “Project”. As always, files must be readable and free of errors on the CAD Reference Platform.

[ProjNo]\_Project

This directory may have subdirectories with the different disciplines (Arch, Civil MEP Landscape etc.)

**5.1.2** Sheet CAD files must be delivered packaged underneath a single directory. The directory name must be named using the UCSD project number prefix and the string "Sheet". As always, files must be readable and free of errors on the CAD Reference Platform.

[ProjNo]\_Sheet

This directory may have subdirectories with the different disciplines for the project.

## **5.2 PROJECT CAD FILES**

The only filename requirement for project CAD files is that they begin with the project prefix. The content and organization of project CAD drawings is expected to vary from project to project, and depend on drafter preferences and project scope and requirements.

[ProjNo]\_[User-Defined]

Note that all Project CAD files must be listed and described in the Supplemental Documentation file.

## **5.3 SHEET CAD FILES**

In addition to the project number prefix, filenames for blueprint-equivalent sheet CAD must include the project sheet number.

[ProjNo]\_[SheetNo]

Discipline codes are well documented on page 9 of the NCS AIA Layer Guidelines book.

- A - Architectural
- C - Civil
- E - Electrical
- F - Fire
- G - General
- H - HazMat
- I - Interiors
- L - Landscape
- M - Mechanical
- P - Plumbing
- Q - Equipment
- R - Resource
- S - Structural
- T - Telecomm

## **ARTICLE 6**

### **UCSD LAYER CONVENTIONS**

Layer names must conform to UCSD layer dictionary. Layer names consist of a single character discipline code, a four character major group identifier, a four character minor group identifier, and a four character status modifier if necessary.

#### **6.1 UCSD LAYER NAMING REQUIREMENTS**

All entities with a contractual relationship with the University of California, San Diego, must closely conform with UCSD's CAD layer naming conventions. See the [Layer Dictionary](#) pages for layer conventions.

[Discipline]-[Major]-[Minor]-[Status]

Note that the University's layer naming conventions use a single character discipline code, which differs from the AIA's two character coding scheme.

**All line work and elements must be drawn on the correct layer.** (See Layer Dictionary for correct layer naming)

#### **6.2 DEGREE OF ACCURACY**

AIA layer conventions provide for a very fine degree of layer differentiation. Very precise layer names, using discipline, major, minor and status fields, are only recommended when the precision yields useful information.

#### **6.3 HAZARDOUS MATERIALS**

The Environmental, Health and Safety Office manages information regarding hazardous materials. Layers identifying these kinds of materials are required where applicable.

<b><u>Layer</u></b>	<b><u>Description</u></b>
H-BPLN	Business Plan
H-EMGR	Emergency Response Information
H-INSP	UCSD Site Inspection Information

#### **6.4 PLANNING LAYERS**

The Campus Planning Office manages information about land development and planning. Layers related to planning activity are required where applicable.

<u>Layer</u>	<u>Description</u>
X-PLAN	Planning Layers

## **ARTICLE 7**

### **SUPPLEMENTAL FILES**

A Supplemental File is required for all project submittals and should be located at the root of the project directory. The supplemental file is a plain text file that describes all of the submitted project and sheet files. The supplemental filename is formed by concatenating the project number prefix to the string “Supplemental”.

[ProjNo]\_Supplemental.txt

#### **7.1 SUMMARY SECTION**

The supplemental file contains a summary section that details the following information:

- UCSD Project Number
- UCSD Project Title
- UCSD Project Manager
- Drawing Submittal Date

If the CAD drawings are produced outside the University, the following additional information must be included:

- Company Name
- Company Address
- Company Contact
- Company Contact E-mail
- Company Contact Telephone

#### **7.2 PROJECT CAD SECTION**

Within the supplemental file, a Project CAD documentation section must list and describe files found in the Project CAD directory. It should include:

- Complete List of Files in the Project CAD Set
- Dependencies and Cross-Referencing Documentation
- Description of Support Files (scripts, libraries, etc.)

#### **7.3 SHEET CAD SECTION**

Within the supplemental file, a sheet CAD documentation section must list and describe files found in the sheet CAD directory. It should include:

Complete List of Files in the Sheet CAD Set  
List of Pen Assignments for Each Sheet (or plot configuration file)

## **ARTICLE 8**

### **EXAMPLE SUBMITTAL**

Below are examples illustrating supplemental text file content and file naming conventions for a hypothetical project.

#### **8.1 SUMMARY SECTION**

##### **SUMMARY SECTION**

Project Number:	6789
Project Title:	Goya Hall Renovation
Project Manager:	Louis Alvarez
Submittal Date:	March 31, 1998
Company Name:	Design Associates
Company Address:	541 Third Avenue
Company Contact:	Franklin Woo
Contact E-mail:	fwoo@designassoc.com
Contact Phone:	(858) 943-9431

#### **8.2 PROJECT CAD SECTION**

##### **PROJECT CAD SECTION**

6789_GoyaHall.dwg	Most recent CAD prior to renovation, x-ref
6789_GoyaAddition.dwg	Architect's comprehensive design, main CAD file
6789_GoyaElectrical.dwg	Electrical engineer's design, x-ref
6789_GoyaHVAC.dwg	HVAC renovations, x-ref
6789_H7Aerial.jpg	Background photo showing proximity to road
6789_Addition.scr	Generates blueprints only associated with addition
6789_Blueprints.arx	Script file that generates sheet set
6789_Halfscale.pl	Plots file at half scale
6789_Library.shx	Symbol and font library
6789_Materials.dbf	Cost analysis of materials linked to new work
6789_Reno.lsp	Generates prints only associated with renovation

#### **8.3 SHEET CAD SECTION\*\***

##### **SHEET CAD SECTION**

6789\_G001.dwg - Title Sheet And Legend  
6789\_C401.dwg - Site/Grading Plan



6789\_A101.dwg - First Floor Plan  
6789\_A102.dwg - Third Floor Plan  
6789\_A103.dwg - Roof Plan  
6789\_A204.dwg - Exterior Elevations  
6789\_A305.dwg - Stair Section  
6789\_A606.dwg - Schedule  
6789\_E601.dwg - Power Diagram  
6789\_F601.dwg - Fire Suppression Diagram  
6789\_M401.dwg - HVAC Plans  
6789\_M502.dwg - HVAC Details  
6789\_P601.dwg - Plumbing Riser  
6789\_S101.dwg - New Foundation  
6789\_S502.dwg - Structural Details  
6789\_T601.dwg - Data Cabling

\*\*Note: This Sheet example assumes the plot configuration file is included.

## **ARTICLE 9**

### **ADDENDUM TO UCSD CAD STANDARDS**

#### **9.1 SHEET DRAWINGS**

- 9.1.1** All Title Blocks must be inserted on paper space at real magnitude scale (i. e. 24”x 36” on “D” size sheets 48”x 36” on “E” size sheets etc.) and at 0,0 coordinates
- 9.1.2** All line work must be on model space drawn at real magnitude whether it is an XREF or an actual drawing. Then have the view ports scaled at the proper scale factor. The only exception to this rule is for detail sheets where the details (blocks) can be inserted on paper space at the proper scale, and text sheets.
- 9.1.3** All view ports must be on “Defpoints” layer and the layer should be on
- 9.1.4** All XREF and BLOCKS must be inserted on layer 0 All blocks should be created on layer
- 9.1.5** For plotting purposes one or more .ctb (pen assignments) files must be submitted with the drawing sheets files. These files are more useful than the previous .plt (plot) files
- 9.1.6** All Sheet Files must have only one layout in Paper Space and nothing must be drawn outside the Title Block boundaries so it can be plotted to extents.
- 9.1.7** The layout must be according to the sheet size hard copy. (D size, E size etc.) and center on the page.
- 9.1.8** Layer colors and line types are left to the discretion of the consultants.

## **9.2 AS-BUILT DRAWINGS**

**9.2.1** As-Built drawings are a representation of the actual construction, therefore the submittal package shouldn't have any drawings showing alternates or different options. Only the constructed option should be submitted

**9.2.2** As-Built drawings don't need to have "Clouds" and "Deltas" for the different revisions, and therefore the revision layers should be purged before final submittal.

# SUMMARY OF TYPICAL MISTAKES ON UCSD CAD STANDARDS

## **Project Submittal Not To Standards:**

The CAD files for the project must be divided into two folders, named:

Project#\_Project example 3824\_Project  
Project#\_Sheets example 3824\_Sheets

Under “Project#\_Project” folder should go all the support files, like Xref’s, blocks, Fonts ctb files images files, etc. It can be divided into sub-folders for the different disciplines. Under “Project#\_Sheets” folder should go all the printable sheets. It could also be divided into sub-folders for the different disciplines.

## **File Naming Not To Standards:**

The files for the “Project” folder (Xrtef’s, Blocks, etc.) should be named starting with the project number, followed by an underscore and User Defined name. For example: **3824\_Floorplan1** .

The files for the “Sheets” folder should be named starting with the project number follow by an underscore and the sheet number. For example **3824\_A101** for an architectural sheet or **3824\_M202** for a mechanical sheet. Refer to UCSD Cad standards for the list of discipline letters.

**The project number must be the UCSD project number and can be provided by the UCSD Project Manager.**

## **Layers Not To Standards:**

This is the most common mistake and the most important part of the standards to be followed.

UCSD has developed a list of CAD layers that **must be followed**. It is based on AIA and NCS but is not exactly identical. The list has been expanded to accommodate the request of consultants. This layer dictionary can be downloaded from our web page, Facilities Link, or can be provided by the CAD Manager.

A typical mistake is that many companies use the names (HEVY, THIN, XTHN, etc.) added to the layer name just to separate different line weight for plotting purposes. This is only admitted on detail sheets. For the rest of the sheets, this can be accomplished by changing the item color from “By Layer” to the specific color for the correct line weight plotting.

**The structure of the layering must follow:**

[Discipline]-[Major]-[Minor]-[Status] Preferably on capitals. One character for “Discipline”, 4 characters for “Major”, 4 characters for “Minor” and 4 characters for “Status”

**Xref’s Not Bound to Parent Drawing:**

All files must be free from Xref dependency at submittal. This applies to Project Files as well as Sheet Files. In addition, all drawings should be clean of unloaded Xref’s and purged to clean up all unused layers.

**Xref’s & Blocks Should be Inserted on Layer “0”:**

All Xref’s and blocks should be inserted on layer “0” on Project and Sheet files. This means that there is no need to create a new layer or use an existing layer for inserted Xref’s or blocks.

**Used “Defpoints Layer For All View Ports:**

There is no need to create a specific layer for view ports on Paper Space.

**Titleblock Should Be On Paper Space:**

On Sheet files, the Titleblock should be in Paper Space at paper size, and nothing else should be there (so we can plot to “extends”). The line work should be in Model Space at real magnitude. Scaled view ports should be on “defpoints” layer

**Only One Layout Per Sheet File:**

Some companies put several layouts on a Sheet File, especially if they have different paper sizes. This is not allowed; they need to create another sheet file for the other layouts.

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Layer	Discipline	Major Code	Minor Code	Discipline Name	Major Name	Minor Name	Layer Name
Last Reviewed 05/24/10	A			Architectural		Architectural	Architectural
A-ANNO	A	ANNO		Architectural	Annotation	Annotation	Architectural Annotations
A-ANNO-DIMS	A	ANNO	DIMS	Architectural	Annotation	Dimensions	Architectural Annotation Dimensions
A-ANNO-KEYN	A	ANNO	KEYN	Architectural	Annotation	Key Notes	Architectural Annotation Key Notes
A-ANNO-LEGN	A	ANNO	LEGN	Architectural	Annotation	Legends and Schedules	Architectural Annotation Legends and Schedules
A-ANNO-MTLB	A	ANNO	TTLB	Architectural	Annotation	Border and Title Block	Architectural Annotation Border and Title Block
A-ANNO-NOTE	A	ANNO	NOTE	Architectural	Annotation	Notes	Architectural Annotation Notes
A-ANNO-NPLT	A	ANNO	NPLT	Architectural	Annotation	Construction Lines	Architectural Annotation Construction Lines
A-ANNO-PATT	A	ANNO	PATT	Architectural	Annotation	Miscellaneous patterning cross-hatching, poche	Architectural Annotation Miscellaneous Patterning
A-ANNO-REDL	A	ANNO	REDL	Architectural	Annotation	Redline	Architectural Annotation Redline
A-ANNO-REVS	A	ANNO	REVS	Architectural	Annotation	Revisions	Architectural Annotation Revisions
A-ANNO-SYMB	A	ANNO	SYMB	Architectural	Annotation	Symbols	Architectural Annotation Symbols
A-ANNO-TEXT	A	ANNO	TEXT	Architectural	Annotation	Text	Architectural Annotation Text
A-ANNO-TTLB	A	ANNO	TTLB	Architectural	Annotation	Border and Title Block	Architectural Annotation Border and Title Block
A-AREA	A	AREA		Architectural	Area	Area	Architectural Area
A-AREA-IDEN	A	AREA	IDEN	Architectural	Area	Identification Numbers	Architectural Area Identification Numbers
A-AREA-LINE	A	AREA		Architectural	Area	Area calculations boundary lines	Architectural area calculations boundary lines
A-AREA-CAFM	A	AREA	CAFM	Architectural	Area	Identification Numbers	Architectural Area Identification Numbers
A-AREA-OCCP	A	AREA	OCCP	Architectural	Area	Occupant Names	Architectural Area Occupant Names
A-AREA-PATT	A	AREA	PATT	Architectural	Area	Cross Hatching	Architectural Area Cross Hatching
A-CLNG	A	CLNG		Architectural	Ceiling	Ceiling	Architectural Ceiling
A-CLNG-ACCS	A	CLNG	ACCS	Architectural	Ceiling	Access	Architectural Ceiling Access
A-CLNG-CONT	A	CLNG	CONT	Architectural	Ceiling	Control joints	Architectural Ceiling control joints
A-CLNG-GRID	A	CLNG	GRID	Architectural	Ceiling	Grid	Architectural Ceiling Grid
A-CLNG-OPEN	A	CLNG	OPEN	Architectural	Ceiling	Roof Penetrations	Architectural Ceiling Roof Penetrations
A-CLNG-PATT	A	CLNG	PATT	Architectural	Ceiling	Patterns	Architectural Ceiling Patterns
A-CLNG-SUSP	A	CLNG	SUSP	Architectural	Ceiling	Suspended	Architectural Ceiling Suspended
A-CLNG-TEES	A	CLNG	TEES	Architectural	Ceiling	Tees	Architectural Ceiling Tees
A-COLS	A	COLS		Architectural	Columns	Columns	Architectural Columns
A-COLS-ENCL	A	COLS	ENCL	Architectural	Columns	Columns enclosures	Architectural Columns enclosure/fire protection
A-DETL	A	DETL		Architectural	Details	Details	Architectural Details
A-DETL-BLCK	A	DETL	BLCK	Architectural	Details	Details blocking	Architectural Details blocking, furring and spacers
A-DETL-CABS	A	DETL	CABS	Architectural	Details	Cabinets	Architectural Details Cabinets
A-DETL-CALK	A	DETL	CALK	Architectural	Details	Caulking and Sealant	Architectural Details Caulking & sealant
A-DETL-CEIL	A	DETL	CEIL	Architectural	Details	Ceiling materials	Architectural Details Ceiling materials
A-DETL-EXTR	A	DETL	EXTR	Architectural	Details	Extrusion and formed shapes	Architectural Details Extrusion and formed shapes
A-DETL-EXWL	A	DETL	EXWL	Architectural	Details	Exterior wall materials	Architectural Details Exterior wall materials
A-DETL-FAST	A	DETL	FAST	Architectural	Details	Fastener	Architectural Details Fasteners
A-DETL-FLOR	A	DETL	FLOR	Architectural	Details	Floor materials	Architectural Details Floor materials
A-DETL-FLSH	A	DETL	FLSH	Architectural	Details	Flashing	Architectural Details Flashing
A-DETL-GENF	A	DETL	GENF	Architectural	Details	General features	Architectural Details general features miscellaneous items
A-DETL-GLAZ	A	DETL	GLAZ	Architectural	Details	Glazing	Architectural Details Glazing
A-DETL-GRLS	A	DETL	GRLS	Architectural	Details	Grilles and louvers	Architectural Details Grilles and Louvers
A-DETL-HDWR	A	DETL	HDWR	Architectural	Details	Hardware	Architectural Details hardware
A-DETL-IDEN	A	DETL	IDEN	Architectural	Details	Identification Numbers	Architectural Details Identification Numbers
A-DETL-INSL	A	DETL	INSL	Architectural	Details	Insulation	Architectural Details Insulation
A-DETL-MBND	A	DETL	MBND	Architectural	Details	Material Beyond	Architectural Details Material Beyond
A-DETL-MCUT	A	DETL	MCUT	Architectural	Details	Material Cut	Architectural Details Material Cut
A-DETL-PATT	A	DETL	PATT	Architectural	Details	Patterns	Architectural Details Patterns
A-DETL-PIPE	A	DETL	PIPE	Architectural	Details	Piping	Architectural Detail Piping
A-DETL-ROOF	A	DETL	ROOF	Architectural	Details	Roof material	Architectural Details Roof material
A-DETL-STRC	A	DETL	STRC	Architectural	Details	Structural features	Architectural Details structural features
A-DETL-TRIM	A	DETL	TRIM	Architectural	Details	Trim	Architectural Details Trim
A-DOOR	A	DOOR		Architectural	Doors	Doors	Architectural Doors
A-DOOR-ELEV	A	DOOR	ELEV	Architectural	Doors	3D View	Architectural Doors 3D View
A-DOOR-FULL	A	DOOR	FULL	Architectural	Doors	Full Height	Architectural Doors Full Height
A-DOOR-IDEN	A	DOOR	IDEN	Architectural	Doors	Identification Numbers	Architectural Doors Identification Numbers
A-DOOR-PRHT	A	DOOR	PRHT	Architectural	Doors	Partial Height	Architectural Doors Partial Height
A-DOOR-SYMB	A	DOOR	SYMB	Architectural	Doors	Door symbols	Architectural Doors symbol

A-ELEV	A	ELEV		Architectural	Elevations	Elevations	Architectural Elevations
A-ELEV-CASE	A	ELEV	CASE	Architectural	Elevations	Casework	Architectural Elevations Casework
A-ELEV-FIXT	A	ELEV	FIXT	Architectural	Elevations	Misc. Fixtures	Architectural Elevations Misc. Fixtures
A-ELEV-FNSH	A	ELEV	FNSH	Architectural	Elevations	Finishes	Architectural Elevations Finishes
A-ELEV-IDEN	A	ELEV	IDEN	Architectural	Elevations	Identification Numbers	Architectural Elevations Identification Numbers
A-ELEV-OTLN	A	ELEV	OTLN	Architectural	Elevations	Outline	Architectural Elevations Outline
A-ELEV-PATT	A	ELEV	PATT	Architectural	Elevations	Patterns	Architectural Elevations Patterns
A-ELEV-PFIX	A	ELEV	PFIXT	Architectural	Elevations	Plumbing Fixtures	Architectural Elevations Plumbing Fixtures
A-ELEV-SIGN	A	ELEV	SIGN	Architectural	Elevations	Signage	Architectural Elevations Signage
A-EQPM	A	EQPM		Architectural	Equipment	Equipment	Architectural Equipment
A-EQPM-ACCS	A	EQPM	ACCS	Architectural	Equipment	Access	Architectural Equipment Access
A-EQPM-CLNG	A	EQPM	CLNG	Architectural	Equipment	Ceiling-Mounted	Architectural Equipment Ceiling-Mounted
A-EQPM-ELEV	A	EQPM	ELEV	Architectural	Equipment	Surfaces	Architectural Equipment Surfaces
A-EQPM-FIXD	A	EQPM	FIXD	Architectural	Equipment	Fixed	Architectural Equipment Fixed
A-EQPM-IDEN	A	EQPM	IDEN	Architectural	Equipment	Identification Numbers	Architectural Equipment Identification Numbers
A-EQPM-MOVE	A	EQPM	MOVE	Architectural	Equipment	Moveable	Architectural Equipment Moveable
A-EQPM-NICN	A	EQPM	NICN	Architectural	Equipment	Not In Contract	Architectural Equipment Not In Contract
A-FLOR	A	FLOR		Architectural	Floor Details	Floor Details	Architectural Floor Details
A-FLOR-CASE	A	FLOR	CASE	Architectural	Floor Details	Casework	Architectural Floor Details Casework
A-FLOR-EVTR	A	FLOR	EVTR	Architectural	Floor Details	Elevator	Architectural Floor Details Elevator
A-FLOR-FIXT	A	FLOR	FIXT	Architectural	Floor Details	Misc. Fixtures	Architectural Floor Details Misc. Fixtures
A-FLOR-HRAL	A	FLOR	HRAL	Architectural	Floor Details	Handrails	Architectural Floor Details Handrails
A-FLOR-IDEN	A	FLOR	IDEN	Architectural	Floor Details	Identification Numbers	Architectural Floor Details Identification Numbers
A-FLOR-LEVL	A	FLOR	LEVL	Architectural	Floor Details	Level	Architectural Floor Details Level
A-FLOR-MECH	A	FLOR	MECH	Architectural	Floor Details	Mechanical	Architectural Floor Details Mechanical
A-FLOR-OTLN	A	FLOR	OTLN	Architectural	Floor Details	Outline	Architectural Floor Details Outline
A-FLOR-OVHD	A	FLOR	OVHD	Architectural	Floor Details	Overhead Items	Architectural Floor Details Overhead Items
A-FLOR-PATT	A	FLOR	PATT	Architectural	Floor Details	Patterns	Architectural Floor Details Patterns
A-FLOR-PFIX	A	FLOR	PFIX	Architectural	Floor Details	Plumbing Fixtures	Architectural Floor Details Plumbing Fixtures
A-FLOR-RAIS	A	FLOR	RAIS	Architectural	Floor Details	Raised	Architectural Floor Details Raised
A-FLOR-RISR	A	FLOR	RISR	Architectural	Floor Details	Risers	Architectural Floor Details Risers
A-FLOR-RPRM	A	FLOR	RPRM	Architectural	Floor Details	Room perimeter shape (interior walls)	Architectural Floor Details Room perimeter shape
A-FLOR-SIGN	A	FLOR	SIGN	Architectural	Floor Details	Signage	Architectural Floor Details Signage
A-FLOR-SPCL	A	FLOR	SPCL	Architectural	Floor Details	Specialties	Architectural Floor Details Specialties
A-FLOR-STRS	A	FLOR	STRS	Architectural	Floor Details	Stairs	Architectural Floor Details Stairs
A-FLOR-TPTN	A	FLOR	TPTN	Architectural	Floor Details	Toilet Partitions	Architectural Floor Details Toilet Partitions
A-FLOR-WDWK	A	FLOR	WDWK	Architectural	Floor Details	Woodwork	Architectural Floor Details Woodwork
A-FURN	A	FURN		Architectural	Furniture	Furniture	Architectural Furniture
A-FURN-CHAR	A	FURN	CHAR	Architectural	Furniture	Chairs	Architectural Furniture Chairs
A-FURN-ELEV	A	FURN	ELEV	Architectural	Furniture	3D View	Architectural Furniture 3D View
A-FURN-FILE	A	FURN	FILE	Architectural	Furniture	File Cabinets	Architectural Furniture File Cabinets
A-FURN-FREE	A	FURN	FREE	Architectural	Furniture	Freestanding	Architectural Furniture Freestanding
A-FURN-IDEN	A	FURN	IDEN	Architectural	Furniture	Identification Numbers	Architectural Furniture Identification Numbers
A-FURN-PATT	A	FURN	PATT	Architectural	Furniture	Patterns	Architectural Furniture Patterns
A-FURN-PLNT	A	FURN	PLNT	Architectural	Furniture	Plants	Architectural Furniture Plants
A-FURN-PNLS	A	FURN	PNLS	Architectural	Furniture	Panels	Architectural Furniture Panels
A-FURN-POWR	A	FURN	POWR	Architectural	Furniture	Power	Architectural Furniture Power
A-FURN-STOR	A	FURN	STOR	Architectural	Furniture	Storage	Architectural Furniture Storage
A-FURN-WKSF	A	FURN	WKSF	Architectural	Furniture	Work Surface	Architectural Furniture Work Surface
A-GLAZ	A	GLAZ		Architectural	Windows	Windows	Architectural Windows
A-GLAZ-ELEV	A	GLAZ	ELEV	Architectural	Windows	Elevation Views	Architectural Windows Elevation Views
A-GLAZ-FULL	A	GLAZ	FULL	Architectural	Windows	Full Height	Architectural Windows Full Height
A-GLAZ-IDEN	A	GLAZ	IDEN	Architectural	Windows	Identification Numbers	Architectural Windows Identification Numbers
A-GLAZ-PRHT	A	GLAZ	PRHT	Architectural	Windows	Partial Height	Architectural Windows Partial Height
A-GLAZ-SILL	A	GLAZ	SILL	Architectural	Windows	Windowsills	Architectural Windows Windowsills
A-GRID	A	GRID		Architectural	Grid	Grid	Architectural Grid
A-HVAC	A	HVAC		Architectural	Columns	Heating, ventilation & Air-conditioning	Architectural HVAC
A-HVAC-ODFF	A	HVAC	ODFF	Architectural	Columns	Other inlets & outlets	Architectural HVAC Other Inlets & Outlets
A-HVAC-RDFF	A	HVAC	RDFF	Architectural	Columns	Return Air Diffusers	Architectural Columns Return Air Diffusers
A-HVAC-SDFF	A	HVAC	SDFF	Architectural	Columns	Supply Diffusers	Architectural Columns Supply Diffusers
A-LITE	A	LITE		Architectural	Light Fixtures	Light Fixtures	Architectural Light Fixtures
A-LITE-CLNG	A	LITE	CLNG	Architectural	Light Fixtures	Ceiling recessed lights	Architectural Ceiling Recessed Lights
A-LITE-EMER	A	LITE	EMER	Architectural	Light Fixtures	Emergency Lights	Architectural Emergency Lights
A-LITE-SURF	A	LITE	SURF	Architectural	Light Fixtures	Surface mounted lights	Architectural Surface Mounted Lights

A-LITE-WALL	A	LITE	WALL	Architectural	Light Fixtures	Wall mounted lights	Architectural Wall Mounted Lights
A-ROOF	A	ROOF		Architectural	Roof	Roof	Architectural Roof
A-ROOF-ELEV	A	ROOF	ELEV	Architectural	Roof	3D View	Architectural Roof 3D View
A-ROOF-HRAL	A	ROOF	HRAL	Architectural	Roof	Handrails	Architectural Roof Handrails
A-ROOF-LEVL	A	ROOF	LEVL	Architectural	Roof	Level	Architectural Roof Level
A-ROOF-OTLN	A	ROOF	OTLN	Architectural	Roof	Outline	Architectural Roof Outline
A-ROOF-PATT	A	ROOF	PATT	Architectural	Roof	Patterns	Architectural Roof Patterns
A-ROOF-RISR	A	ROOF	RISR	Architectural	Roof	Risers	Architectural Roof Risers
A-ROOF-STRS	A	ROOF	STRS	Architectural	Roof	Stairs	Architectural Roof Stairs
A-SECT	A	SECT		Architectural	Sections	Sections	Architectural Sections
A-SECT-IDEN	A	SECT	IDEN	Architectural	Sections	Identification Numbers	Architectural Sections Identification Numbers
A-SECT-MBND	A	SECT	MBND	Architectural	Sections	Material Beyond	Architectural Sections Material Beyond
A-SECT-MCUT	A	SECT	MCUT	Architectural	Sections	Material Cut	Architectural Sections Material Cut
A-SECT-PATT	A	SECT	PATT	Architectural	Sections	Pattern	Architectural Sections Pattern
A-WALL	A	WALL		Architectural	Walls	Walls	Architectural Walls
A-WALL-CAVI	A	WALL	CAVI	Architectural	Walls	Cavity wall lines	Architectural Cavity Wall Lines
A-WALL-CNTR	A	WALL	CNTR	Architectural	Walls	Center Lines	Architectural Wall Center Lines
A-WALL-CWMG	A	WALL	CWMG	Architectural	Walls	Curtain wall mullions & glass	Architectural Curtain Walls and Mullions
A-WALL-ELEV	A	WALL	ELEV	Architectural	Walls	Surfaces	Architectural Walls Surfaces
A-WALL-EXTR	A	WALL	EXTR	Architectural	Walls	Exterior	Architectural Walls Exterior
A-WALL-FIRE	A	WALL	FIRE	Architectural	Walls	Patterning	Architectural Walls Patterning
A-WALL-FULL	A	WALL	FULL	Architectural	Walls	Full Height	Architectural Walls Full Height
A-WALL-HEAD	A	WALL	HEAD	Architectural	Walls	Headers	Architectural Walls Headers
A-WALL-IDEN	A	WALL	IDEN	Architectural	Walls	Identification	Architectural Walls Identification
A-WALL-INTR	A	WALL	INTR	Architectural	Walls	Interior full height	Architectural Walls Interior
A-WALL-JAMB	A	WALL	JAMB	Architectural	Walls	Jams	Architectural Walls Jams
A-WALL-MOVE	A	WALL	MOVE	Architectural	Walls	Moveable Partitions	Architectural Walls Moveable Partitions
A-WALL-PATT	A	WALL	PATT	Architectural	Walls	Insulation	Architectural Walls Insulation
A-WALL-PRHT	A	WALL	PRHT	Architectural	Walls	Partial Height	Architectural Walls Partial Height
A-WALL-SPCL	A	WALL	SPCL	Architectural	Walls	Wall Hung attached specialties	Architectural Walls Hungs
B-CNTY	B	CNTY		Boundary	County	Boundary County	Boundary County Line
B-CITY	B	CITY		Boundary	City	Boundary City	Boundary City Lines
B-CITY-TEXT	B	CITY	TEXT	Boundary	City	City Annotations	Boundary City Annotations
B-ZIPS	B	ZIPS		Boundary	Zip Codes	Boundary Postal Codes	Boundary Postal Code Lines
B-ZIPS-TEXT	B	ZIPS	TEXT	Boundary	Zip Codes	Postal Code Annotations	Boundary Postal Code Annotations
C	C			Civil		Civil	Civil
C-ANNO	C	ANNO		Civil	Annotation	Annotation	Civil Annotation
C-ANNO-BLDG	C	ANNO	BLDG	Civil	Annotation	Buildings	Civil Building Annotations
C-ANNO-CAAN	C	ANNO	CAAN	Civil	Annotation	Building Capital Asset Account Number	Civil Annotation Capital Asset Account Number
C-ANNO-DIMS	C	ANNO	DIMS	Civil	Annotation	Dimensions	Civil Annotation Dimensions
C-ANNO-KEYN	C	ANNO	KEYN	Civil	Annotation	Key Notes	Civil Annotation Key Notes
C-ANNO-LEGN	C	ANNO	LEGN	Civil	Annotation	Legends and Schedules	Civil Annotation Legends and Schedules
C-ANNO-NOTE	C	ANNO	NOTE	Civil	Annotation	Notes	Civil Annotation Notes
C-ANNO-NPLT	C	ANNO	NPLT	Civil	Annotation	Construction Lines	Civil Annotation Construction Lines
C-ANNO-REDL	C	ANNO	REDL	Civil	Annotation	Redline	Civil Annotation Redline
C-ANNO-REVS	C	ANNO	REVS	Civil	Annotation	Revisions	Civil Annotation Revisions
C-ANNO-ROAD	C	ANNO	ROAD	Civil	Annotation	Roads	Civil Roads Annotation
C-ANNO-SYMB	C	ANNO	SYMB	Civil	Annotation	Symbols	Civil Annotation Symbols
C-ANNO-TEXT	C	ANNO	TEXT	Civil	Annotation	Text	Civil Annotation Text
C-ANNO-TTLB	C	ANNO	TTLB	Civil	Annotation	Border and Title Block	Civil Annotation Border and Title Block
C-ARPT	C	ARPT		Civil	Airport	Airports and Runways	Civil Airports and Runways
C-ARPT-TEXT	C	ARPT	TEXT	Civil	Airport	Airports and Runways Annotations	Civil Airports and Runways Annotations
C-BERM	C	BERM		Civil	Bermed Area		Civil Bermed Area
C-BLDG	C	BLDG		Civil	Building footprints	Building Footprints	Civil Building footprints
C-BLDG-HTCH	C	BLDG	HATCH	Civil	Building	Hatched Footprints	Civil Building Hatched Footprints
C-BLDG-INDX	C	BLDG	INDX	Civil	Building	Campus Map Index Number	Civil Buildings Index Number
C-BLDG-OTLN	C	BLDG	OTLN	Civil	Building	Building Footprint Outlines	Civil Building Footprint Outline
C-BORE	C	BORE		Civil	Boring		Civil Boring System
C-BORE-FLDI	C	BORE	FLDI	Civil	Boring	Field Information	Civil Boring System Field Information
C-BORE-HOLE	C	BORE	HOLE	Civil	Boring	Bore/Perk Hole Location	Civil Boring System Hole Location
C-BORE-IDEN	C	BORE	IDEN	Civil	Boring	Component Identification	Civil Boring System Component Identification
C-BORE-LABI	C	BORE	LABI	Civil	Boring	Lab Information	Civil Boring System Lab Information
C-BYCL	C	BYCL		Civil	Bicycle Paths	Bicycle Paths	Civil Bicycle Paths



C-CHWS	C	CHWS		Civil	Chilled Water System		Civil Chilled Water System
C-COMM	C	COMM		Civil	Communication	Communication	Civil Communication
C-COMM-COND	C	COMM	COND	Civil	Communication	Conduits	Civil Communication Conduits
C-COMM-COND-C	C	COMM	COND-OTHER	Civil	Communication	Conduits Maintained by Others	Civil Communication Conduits Maintained by Others
C-COMM-FIBR	C	COMM	FIBR	Civil	Communication	Fiber optic Lines	Civil Communication Fiber optic Lines
C-COMM-HHOL	C	COMM	HHOL	Civil	Communication	Hand Holes	Civil Communication Hand Holes
C-COMM-MHOL	C	COMM	MHOL	Civil	Communication	Man Holes	Civil Communication Man Holes
C-COMM-PEDS	C	COMM	PEDS	Civil	Communication	Pedestals	Civil Communication Pedestals
C-COMM-OVHD	C	COMM	OVHD	Civil	Communication	Overhead	Civil Communication Overhead
C-COMM-UNDR	C	COMM	UNDR	Civil	Communication	Underground	Civil Communication Underground
C-ELEC	C	ELEC		Civil	Electrical Power Lines		Civil Electrical Power Lines
C-EMBK	C	EMBK		Civil	Embankments		Civil Embankments
C-EMBK-EDGE	C	EMBK	EDGE	Civil	Embankments	Edge and Object Lines	Civil Embankments Edge and Object Lines
C-EMBK-CNTL	C	EMBK	CNTL	Civil	Embankments	Center Lines	Civil Embankments Center Lines
C-EMBK-ANNO	C	EMBK	ANNO	Civil	Embankments	Annotation	Civil Embankments Annotation
C-FIRE	C	FIRE		Civil	Fire Protection	Fire Protection	Civil Fire Protection
C-FIRE-UNDR	C	FIRE	UNDR	Civil	Fire Protection	Underground	Civil Fire Protection Underground
C-GRID	C	GRID		Civil	Grid	Grid	Civil Grid
C-GRID-TICS	C	GRID	TICS	Civil	Grid	Tics	Civil Grid Tics
C-HTCW	C	HTCW		Civil	High Temperature/Chilled Water		Civil High Temperature/Chilled Water
C-HTWS	C	HTWS		Civil	High Temperature Water System		Civil High Temperature Water System
C-MISC	C	MISC		Civil	Miscellaneous Information		Civil Miscellaneous Information
C-NGAS	C	NGAS		Civil	Natural Gas	Natural Gas	Civil Natural Gas
C-NGAS-UNDR	C	NGAS	UNDR	Civil	Natural Gas	Underground	Civil Natural Gas Underground
C-PAVE	C	PAVE		Civil	Pavement		Civil Pavement System
C-PAVE-IDEN	C	PAVE	IDEN	Civil	Pavement	Joint Annotation	Civil Pavement Joint Annotation
C-PAVE-JOIN	C	PAVE	JOIN	Civil	Pavement	Joints	Civil Pavement Joints
C-PAVE-TYPA	C	PAVE	TYPA	Civil	Pavement	Type A Traffic Area w/ Annotations	Civil Pavement Type A w/ Annotations
C-PAVE-TYPB	C	PAVE	TYPB	Civil	Pavement	Type B Traffic Area w/ Annotations	Civil Pavement Type B w/ Annotations
C-PAVE-TYPC	C	PAVE	TYPC	Civil	Pavement	Type C Traffic Area w/ Annotations	Civil Pavement Type C w/ Annotations
C-PKNG	C	PKNG		Civil	Parking Lots	Parking Lots	Civil Parking Lots
C-PKNG-CARS	C	PKNG	CARS	Civil	Parking Lots	Illusion Of Cars	Civil Parking Lots Illusion Of Cars
C-PKNG-CURB	C	PKNG	CURB	Civil	Parking Lots	Curbs	Civil Parking Lots Curbs
C-PKNG-DRAN	C	PKNG	DRAN	Civil	Parking Lots	Drainage Slopes	Civil Parking Lots Drainage Slopes
C-PKNG-DSBL	C	PKNG	DSBL	Civil	Parking Lots	Disabled Spaces	Civil Parking Lots Disabled Spaces
C-PKNG-ISLD	C	PKNG	ISLD	Civil	Parking Lots	Islands	Civil Parking Lots Islands
C-PKNG-METR	C	PKNG	METR	Civil	Parking Lots	Metered Spaces	Civil Parking Lots Metered Spaces
C-PKNG-MOTO	C	PKNG	MOTO	Civil	Parking Lots	Motorcycle Spaces	Civil Parking Lots Motorcycle Spaces
C-PKNG-RESV	C	PKNG	RESV	Civil	Parking Lots	Reserved Spaces	Civil Parking Lots Reserved Spaces
C-PKNG-SDNT	C	PKNG	SDNT	Civil	Parking Lots	Student Spaces	Civil Parking Lots Student Spaces
C-PKNG-SERV	C	PKNG	SERV	Civil	Parking Lots	Service Yard Spaces	Civil Parking Lots Service Yard Spaces
C-PKNG-SPAC	C	PKNG	SPAC	Civil	Parking Lots	Parking Spaces	Civil Parking Lots Parking Spaces
C-PKNG-STAF	C	PKNG	STAF	Civil	Parking Lots	Staff Spaces	Civil Parking Lots Staff Spaces
C-PKNG-STRP	C	PKNG	STRP	Civil	Parking Lots	Striping	Civil Parking Lots Striping
C-PKNG-UVEH	C	PKNG	UVEH	Civil	Parking Lots	University Vehicle Spaces	Civil Parking Lots University Vehicle Spaces
C-PROP	C	PROP		Civil	Property Lines	Property Lines	Civil Property Lines
C-PROP-APNS	C	PROP	APNS	Civil	Parcels	Assessor's Parcels	Civil Assessor's Parcels
C-PROP-BRNG	C	PROP	BRNG	Civil	Property Lines	Bearings	Civil Property Lines Bearings
C-PROP-CONS	C	PROP	CONS	Civil	Property Lines	Controls	Civil Property Lines Controls
C-PROP-ESMT	C	PROP	ESMT	Civil	Property Lines	Easements	Civil Property Lines Easements
C-PROP-LEAS	C	PROP	LEAS	Civil	Property Lines	Leased Areas on Campus	Civil Property Lines Leased Areas
C-PROP-LINE	C	PROP	LINE	Civil	Property Lines	Property Lines	Civil Property Lines
C-PROP-PUEB	C	PROP	PUEB	Civil	Parcels	Pueblo Lot Parcels	Civil Pueblo Lot Parcels
C-PROP-RWAY	C	PROP	RWAY	Civil	Property Lines	Right of Way Lines	Civil Right of Way Lines
C-ROAD	C	ROAD		Civil	Roadways	Roadways	Civil Roadways
C-ROAD-ANNO	C	ROAD	ANNO	Civil	Roadways	Annotation Text	Civil Roadways Annotations
C-ROAD-CURB	C	ROAD	CURB	Civil	Roadways	Curbs	Civil Roadways Curbs
C-ROAD-CNTR	C	ROAD	CNTR	Civil	Roadways	Center Lines	Civil Roadways Center Lines
C-ROAD-GARD	C	ROAD	GARD	Civil	Roadways	Gardrails	Civil Roadways Guardrails
C-ROAD-FRWY	C	ROAD	FRWY	Civil	Roadways	Freeways	Civil Road Freeways
C-ROAD-MAIN	C	ROAD	MAIN	Civil	Roadways	Major Roads	Civil Major Roads
C-ROAD-MAIN-PL	C	ROAD	MAIN-PLAN	Civil	Roadways	Major Roads	Civil Major Roads Planned

C-ROAD-STRP	C	ROAD	STRP	Civil	Roadways	Striping	Civil Roadways Striping
C-SITE	C	SITE		Civil	Site Features		Civil Site Features
C-SITE-BRDG	C	SITE	BRDG	Civil	Site Features	Bridges	Civil Site Bridges
C-SITE-DECK	C	SITE	DECK	Civil	Site Features	Decks	Civil Site Decks
C-SITE-FENC	C	SITE	FENC	Civil	Site Features	Fences	Civil Site Fences
C-SITE-FURN	C	SITE	FURN	Civil	Site Features	Site Furnishings	Civil Site Furnishing
C-SITE-HRAL	C	SITE	HRAL	Civil	Site Features	Handrails	Civil Site Handrails
C-SITE-PLAY	C	SITE	PLAY	Civil	Site Features	Play Structures	Civil Site Play Structures
C-SITE-POOL	C	SITE	POOL	Civil	Site Features	Pools	Civil Site Pools
C-SITE-RAMP	C	SITE	RAMP	Civil	Site Features	Ramps	Civil Site Ramps
C-SITE-ROCK	C	SITE	ROCK	Civil	Site Features	Rocks Boulders	Civil Site Rocks
C-SITE-SHTL	C	SITE	SHTL	Civil	Site Features	Bus Stops, Campus Shuttle	Civil Site Bus Stops
C-SITE-SIGN	C	SITE	SIGN	Civil	Site Features	Signs	Civil Site Signs
C-SITE-SPRT	C	SITE	SPRT	Civil	Site Features	Sports Facilities, Fiel, Courts	Civil Site Sports Facilities
C-SITE-STRS	C	SITE	STRS	Civil	Site Features	Stairs	Civil Site Stairs
C-SITE-WALK	C	SITE	WALK	Civil	Site Features	Walkways, Pathways, Sidewalks	Civil Site Walkways
C-SITE-WALL	C	SITE	WALL	Civil	Site Features	Exterior Walls	Civil Site Exterior Wall
C-SURV	C	SURV		Civil	Survey Information		Civil Surveyor Information
C-SURV-IDEN	C	SURV	IDEN	Civil	Survey Information	Survey Annotations	Civil Surveyor Annotations
C-SURV-LINE	C	SURV	LINE	Civil	Survey Information	Survey & Control Lines	Civil Surveyor Control Lines
C-SSWR	C	SSWR		Civil	Sewer	Sewer	Civil Sewer
C-SSWR-UNDR	C	SSWR	UNDR	Civil	Sewer	Underground	Civil Sewer Underground
C-STRM	C	STRM		Civil	Storm drainage	Storm Drainage	Civil Storm drainage
C-STRM-UNDR	C	STRM	UNDR	Civil	Storm drainage	Underground Drainage Pipes	Civil Storm drainage Underground Drainage Pipes
C-TOPO	C	TOPO		Civil	Topography Features		Civil Topography Features
C-TOPO-BORE	C	TOPO	BORE	Civil	Topography Features	Borings	Civil Topography Borings
C-TOPO-CONT	C	TOPO	CONT	Civil	Topography Features	Vertical/Horizontal Control Locations	Civil Topography Control Locations
C-TOPO-DTCH	C	TOPO	DTCH	Civil	Topography Features	Ditches, Swales	Civil Topography Ditches
C-TOPO-MAJR	C	TOPO	MAJR	Civil	Topography Features	Major (10') Contours	Civil Topography Major Contours
C-TOPO-MINR	C	TOPO	MINR	Civil	Topography Features	Minor (2') Contours	Civil Topography Minor Contours
C-TOPO-RTWL	C	TOPO	RTWL	Civil	Topography Features	Retaining Wall	Civil Topography Retaining Wall
C-TOPO-SLOP	C	TOPO	SLOP	Civil	Topography Features	Slops, Cuts/Fills	Civil Topography Slops
C-TOPO-SPOT	C	TOPO	SPOT	Civil	Topography Features	Spot Elevations	Civil Topography Spot Elevations
C-TRNS-PATH	C	TRNS	PATH	Civil	Transportation	Pathways	Civil Transportation Pathways
C-UTIL	C	UTIL		Civil	Miscellaneous Utility Information, Equipment, Manholes, Handholes		Civil Miscellaneous Utility Information
C-UTIL-TUNL	C	UTIL	TUNL	Civil	Utility Information	Underground Tunnels	Civil Utility Information, Underground Tunnels
C-WALL	C	WALL		Civil	Walls	Walls	Civil Walls
C-WATR	C	WATR		Civil	Water	Water	Civil Water
C-WATR-UNDR	C	WATR	UNDR	Civil	Water	Underground	Civil Water Underground
E	E			Electrical		Electrical	Electrical
E-1LIN	E	1LIN		Diagram	One-line diagrams	One-Line Diagrams	Diagram One-line diagrams
E-ALRM	E	ALRM		Diagram	Alarm System	Alarm System	Diagram Alarm System
E-ANNO	E	ANNO		Electrical	Annotation	Annotation	Electrical Annotation
E-ANNO-DIMS	E	ANNO	DIMS	Electrical	Annotation	Dimensions	Electrical Annotation Dimensions
E-ANNO-KEYN	E	ANNO	KEYN	Electrical	Annotation	Key Notes	Electrical Annotation Key Notes
E-ANNO-LEGN	E	ANNO	LEGN	Electrical	Annotation	Legends and Schedules	Electrical Annotation Legends and Schedules
E-ANNO-NOTE	E	ANNO	NOTE	Electrical	Annotation	Notes	Electrical Annotation Notes
E-ANNO-NPLT	E	ANNO	NPLT	Electrical	Annotation	Construction Lines	Electrical Annotation Construction Lines
E-ANNO-REDL	E	ANNO	REDL	Electrical	Annotation	Redline	Electrical Annotation Redline
E-ANNO-REVS	E	ANNO	REVS	Electrical	Annotation	Revisions	Electrical Annotation Revisions
E-ANNO-SYMB	E	ANNO	SYMB	Electrical	Annotation	Symbols	Electrical Annotation Symbols
E-ANNO-TEXT	E	ANNO	TEXT	Electrical	Annotation	Text	Electrical Annotation Text
E-ANNO-TTLB	E	ANNO	TTLB	Electrical	Annotation	Border and Title Block	Electrical Annotation Border and Title Block
E-AUXL	E	AUXL		Electrical	Auxiliary Systems		Electrical Auxiliary Systems
E-AUXL-BUSW	E	AUXL	BUSW	Electrical	Auxiliary Systems	Busways	Electrical Auxiliary Systems Busways
E-AUXL-CABL	E	AUXL	CABL	Electrical	Auxiliary Systems	Cable Trays	Electrical Auxiliary Systems Cable Trays
E-AUXL-CIRC	E	AUXL	CIRC	Electrical	Auxiliary Systems	Lighting Circuits	Electrical Auxiliary Systems Lighting Circuits
E-AUXL-CLNG	E	AUXL	CLNG	Electrical	Auxiliary Systems	Ceiling Receptacles	Electrical Auxiliary Systems Ceiling Receptacles
E-AUXL-CTCF	E	AUXL	CTCF	Electrical	Auxiliary Systems	Power Circuits Concealed in Floor and Conduits	Electrical Auxiliary Systems Power Circuits Concealed
E-AUXL-CTCW	E	AUXL	CTCW	Electrical	Auxiliary Systems	Concealed Wiring	Electrical Auxiliary Systems Concealed Wiring
E-AUXL-CTID	E	AUXL	CTID	Electrical	Auxiliary Systems	Circuit Identifiers	Electrical Auxiliary Systems Circuit Identifiers
E-AUXL-CTXM	E	AUXL	CTXM	Electrical	Auxiliary Systems	Exposed Wiring and conduits	Electrical Auxiliary Systems Exposed Wiring

E-AUXL-EQPM	E	AUXL	EQPM	Electrical	Auxiliary Systems	Electrical Equipment	Electrical Auxiliary Systems Electrical Equipment
E-AUXL-FEED	E	AUXL	FEED	Electrical	Auxiliary Systems	Feeders	Electrical Auxiliary Systems Feeders
E-AUXL-GENR	E	AUXL	GENR	Electrical	Auxiliary Systems	Generators	Electrical Auxiliary Systems Generators
E-AUXL-HASH	E	AUXL	HASH	Electrical	Auxiliary Systems	Power Circuits Hash Marks	Electrical Auxiliary Systems Hash Marks
E-AUXL-HOME	E	AUXL	HOME	Electrical	Auxiliary Systems	Power Circuits Home Run Arrows	Electrical Auxiliary Systems Home Run Arrows
E-AUXL-JBOX	E	AUXL	JBOX	Electrical	Auxiliary Systems	Junction Box	Electrical Auxiliary Systems Junction Boxes
E-AUXL-MOTR	E	AUXL	MOTR	Electrical	Auxiliary Systems	Motors & Utilization Equipment Symbols	Electrical Auxiliary Systems Motors
E-AUXL-NUMB	E	AUXL	NUMB	Electrical	Auxiliary Systems	Power Circuits Numbers	Electrical Auxiliary Systems Power Circuits Numbers
E-AUXL-OTLN	E	AUXL	OTLN	Electrical	Auxiliary Systems	Power Outline for Backgrounds	Electrical Auxiliary Systems Power Outline for Backgrounds
E-AUXL-PANL	E	AUXL	PANL	Electrical	Auxiliary Systems	Power Panels/Distribution Equipment	Electrical Auxiliary Systems Power Panels
E-AUXL-ROOF	E	AUXL	ROOF	Electrical	Auxiliary Systems	Roof Power	Electrical Auxiliary Systems Roof Power
E-AUXL-SITE	E	AUXL	SITE	Electrical	Auxiliary Systems	Site Power	Electrical Auxiliary Systems Site Power
E-AUXL-SWBD	E	AUXL	SWBD	Electrical	Auxiliary Systems	Power Switchboard	Electrical Auxiliary Systems Power Switchboard
E-AUXL-SWCH	E	AUXL	SWCH	Electrical	Auxiliary Systems	Switches, Motor Starters Symbols etc.	Electrical Auxiliary Systems Switches
E-AUXL-UCPT	E	AUXL	UCPT	Electrical	Auxiliary Systems	Under Carpet Wiring	Electrical Auxiliary Systems Under Carpet Wiring
E-AUXL-URAC	E	AUXL	URAC	Electrical	Auxiliary Systems	Underfloor Raceways	Electrical Auxiliary Systems Underfloor Raceways
E-AUXL-WALL	E	AUXL	WALL	Electrical	Auxiliary Systems	Wall Outlets	Electrical Auxiliary Systems Wall Outlets
E-BELL	E	BELL		Diagram	Bell System	Bell System	Diagram Bell System
E-CCTV	E	CCTV		Diagram	Closed-circuit TV	Closed-Circuit Tv	Diagram Closed-circuit TV
E-CLOK	E	CLOK		Diagram	Clock System	Clock System	Diagram Clock System
E-COMM	E	COMM		Diagram	Communication outlets	Communication Outlets	Diagram Communication outlets
E-CTRL	E	CTRL		Electrical	Control Systems	Control Systems	Electrical Control Systems
E-CTRL-ANTA	E	CTRL	ANTA	Electrical	Control Systems	Antenna	Electrical Control System Antenna
E-CTRL-AVLV	E	CTRL	AVLV	Electrical	Control Systems	Arrestor Valves	Electrical Control System Arrestor Valves
E-CTRL-BATR	E	CTRL	BATR	Electrical	Control Systems	Batteries	Electrical Control System Batteries
E-CTRL-CAPT	E	CTRL	CAPT	Electrical	Control Systems	Capacitor	Electrical Control System Capacitor
E-CTRL-CKTB	E	CTRL	CKTB	Electrical	Control Systems	Circuit Boards	Electrical Control System Circuit Boards
E-CTRL-CONT	E	CTRL	CONT	Electrical	Control Systems	Contacts	Electrical Control System Contacts
E-CTRL-DEVC	E	CTRL	DEVC	Electrical	Control Systems	Devices	Electrical Control Systems Devices
E-CTRL-FUSE	E	CTRL	FUSE	Electrical	Control Systems	Fuses	Electrical Control System Fuses
E-CTRL-GENR	E	CTRL	GENR	Electrical	Control Systems	Generators	Electrical Control System Generators
E-CTRL-GRND	E	CTRL	GRND	Electrical	Control Systems	Grounds	Electrical Contro System Grounds
E-CTRL-METR	E	CTRL	METR	Electrical	Control Systems	Metering Devices	Electrical Control System Metering Devices
E-CTRL-MOTR	E	CTRL	MOTR	Electrical	Control Systems	Motors	Electrical Control System Motors
E-CTRL-OVLD	E	CTRL	OVLD	Electrical	Control Systems	Overloads	Electrical Control System Overloads
E-CTRL-RACT	E	CTRL	RACT	Electrical	Control Systems	Reactors	Electrical Control System Reactors
E-CTRL-RELA	E	CTRL	RELA	Electrical	Control Systems	Relays V	Electrical Control System Relays
E-CTRL-RSTR	E	CTRL	RSTR	Electrical	Control Systems	Resistors	Electrical Control System Resistors
E-CTRL-SWCH	E	CTRL	SWCH	Electrical	Control Systems	Switches	Electrical Control System Switches
E-CTRL-WIRE	E	CTRL	WIRE	Electrical	Control Systems	Wiring	Electrical Control Systems Wiring
E-CTRL-XFMR	E	CTRL	XFMR	Electrical	Control Systems	Transformers	Electrical Control System Transformers
E-COMM	E	COMM		Electrical	Communications	Telephone outlets	Electrical Communications Telephone Outlets
E-DATA	E	DATA		Diagram	Data outlets	Data Outlets	Diagram Data outlets
E-DETL	E	DETL		Electrical	Details		Electrical Details
E-DETL-ARCH	E	DETL	ARCH	Electrical	Details	Architectural Features	Electrical Details Architectural Features
E-DETL-BUSS	E	DETL	BUSS	Electrical	Details	Bus Bars and Rods	Electrical Details Bus Bars and Rods
E-DETL-CABS	E	DETL	CABS	Electrical	Details	Cabinets & Enclosures	Electrical Details Cabinets & Enclosures
E-DETL-INSL	E	DETL	INSL	Electrical	Details	Insulation & Covering	Electrical Details Insulation & Covering
E-DETL-LTFX	E	DETL	LTFX	Electrical	Details	Light Fixtures	Electrical Details Light Fixtures
E-DETL-MOTR	E	DETL	MOTR	Electrical	Details	Motors	Electrical Details Motors
E-DETL-PIPE	E	DETL	PIPE	Electrical	Details	Piping & Conduits	Electrical Details Piping & Conduits
E-DETL-STRC	E	DETL	STRC	Electrical	Details	Structural Support Features	Electrical Details Structural Support Features
E-DETL-TRAY	E	DETL	TRAY	Electrical	Details	Cable Trays	Electrical Details Cable Trays
E-DETL-WIRE	E	DETL	WIRE	Electrical	Details	Wires & Cables	Electrical Details Wires & Cables
E-DETL-XFRM	E	DETL	XFMR	Electrical	Details	Transformers	Electrical Details Transformers
E-DICT	E	DICT		Diagram	Dictation System	Dictation System	Diagram Dictation System
E-EQUI	E	EQUI		Equipotential	Ground System	Equipotential	Equipotential Ground System Equipotential
E-FIRE	E	FIRE		Diagram	Fire Protection	Fire Protection	Diagram Fire Protection
E-GRND	E	GRND		Electrical	Ground System	Ground System	Electrical Ground System
E-GRND-CIRC	E	GRND	CIRC	Electrical	Ground System	Circuits	Electrical Ground System Circuits
E-GRND-DIAG	E	GRND	DIAG	Electrical	Ground System	Diagrams	Electrical Ground System Diagrams

E-GRND-EQUI	E	GRND	EQUI	Electrical	Ground System	Equipotential	Electrical Ground System Equipotential
E-GRND-GBUS	E	GRND	GBUS	Electrical	Ground System	Grounding System Lightning Protection	Electrical Ground System Lightning Protection
E-GRND-REFR	E	GRND	REFR	Electrical	Ground System	Reference Ground System	Electrical Ground System Reference Ground System
E-INTC	E	INTC		Diagram	Intercom System	Intercom System	Diagram Intercom System
E-LEGN	E	LEGN		Diagram	Legend	Legend	Diagram Legend
E-LITE	E	LITE		Electrical	Lighting	Lighting	Electrical Lighting
E-LITE-CIRC	E	LITE	CIRC	Electrical	Lighting	Circuits	Electrical Lighting Circuits
E-LITE-CLNG	E	LITE	CLNG	Electrical	Lighting	Ceiling-Mounted	Electrical Lighting Ceiling-Mounted
E-LITE-CTCF	E	LITE	CTCF	Electrical	Lighting	Lighting Circuits Concealed in Floor	Electrical Lighting Circuits Concealed in Floor
E-LITE-CTCW	E	LITE	CTCW	Electrical	Lighting	Concealed Wiring	Electrical Lighting Concealed Wiring
E-LITE-CTID	E	LITE	CTID	Electrical	Lighting	Circuit Identifiers	Electrical Lighting Circuit Identifiers
E-LITE-CTXM	E	LITE	CTXM	Electrical	Lighting	Exposed Wiring and conduits	Electrical Lighting Exposed Wiring and Conduits
E-LITE-EMER	E	LITE	EMER	Electrical	Lighting	Emergency	Electrical Lighting Emergency
E-LITE-EQPM	E	LITE	EQPM	Electrical	Lighting	Electrical Equipment	Electrical Lighting Equipment
E-LITE-EXIT	E	LITE	EXIT	Electrical	Lighting	Exit	Electrical Lighting Exit
E-LITE-FLOR	E	LITE	FLOR	Electrical	Lighting	Floor-Mounted	Electrical Lighting Floor-Mounted
E-LITE-HASH	E	LITE	HASH	Electrical	Lighting	Hash Marks	Electrical Lighting Circuit Hash Marks
E-LITE-HOME	E	LITE	HOME	Electrical	Lighting	Circuit Home Run Arrow	Electrical Lighting Circuit Home Run Arrow
E-LITE-IDEN	E	LITE	IDEN	Electrical	Lighting	Identification Numbers	Electrical Lighting Identification Numbers
E-LITE-JBOX	E	LITE	JBOX	Electrical	Lighting	Junction Box	Electrical Lighting Junction Box
E-LITE-NUMB	E	LITE	NUMB	Electrical	Lighting	Circuit Numbers	Electrical Lighting Circuit Numbers
E-LITE-OTLN	E	LITE	OTLN	Electrical	Lighting	Outline	Electrical Lighting Outline
E-LITE-ROOF	E	LITE	ROOF	Electrical	Lighting	Roof	Electrical Lighting Roof
E-LITE-SITE	E	LITE	SITE	Electrical	Lighting	Site	Electrical Lighting Site
E-LITE-SPCL	E	LITE	SPCL	Electrical	Lighting	Special	Electrical Lighting Special
E-LITE-SWCH	E	LITE	SWCH	Electrical	Lighting	Switches	Electrical Lighting Switches
E-LITE-WALL	E	LITE	WALL	Electrical	Lighting	Wall-Mounted	Electrical Lighting Wall-Mounted
E-LTNG	E	LTNG		Diagram	Lighting Protection System	Lighting Protection System	Diagram Lighting Protection System
E-NURS	E	NURS		Diagram	Nurse call System	Nurse Call System	Diagram Nurse call System
E-PGNG	E	PGNG		Diagram	Paging System	Paging System	Diagram Paging System
E-POWR	E	POWR		Electrical	Power	Power	Electrical Power
E-POWR-BUSW	E	POWR	BUSW	Electrical	Power	Busways	Electrical Power Busways
E-POWR-CABL	E	POWR	CABL	Electrical	Power	Cable Trays	Electrical Power Cable Trays
E-POWR-CIRC	E	POWR	CIRC	Electrical	Power	Circuits	Electrical Power Circuits
E-POWR-CLNG	E	POWR	CLNG	Electrical	Power	Ceiling Receptacles	Electrical Power Ceiling Receptacles
E-POWR-CTCF	E	POWR	CTCF	Electrical	Power	Circuit Concealed in Floor	Electrical Power Circuit Concealed in Floor
E-POWR-CTCW	E	POWR	CTCW	Electrical	Power	Concealed Wiring	Electrical Power Concealed Wiring
E-POWR-CTID	E	POWR	CTID	Electrical	Power	Circuit Identifiers	Electrical Power Circuit Identifiers
E-POWR-CTXM	E	POWR	CTXM	Electrical	Power	Exposed Wiring and conduits	Electrical Power Exposed Wiring and Conduits
E-POWR-EQPM	E	POWR	EQPM	Electrical	Power	Equipment	Electrical Power Equipment
E-POWR-FEED	E	POWR	FEED	Electrical	Power	Feeders	Electrical Power Feeders
E-POWR-GENR	E	POWR	GENR	Electrical	Power	Generators	Electrical Power Generators
E-POWR-HASH	E	POWR	HASH	Electrical	Power	Circuit Hash Marks	Electrical Power Circuit Hash Marks
E-POWR-HOME	E	POWR	HOME	Electrical	Power	Circuit Home Run & Arrows	Electrical Power Circuit Home Run & Arrows
E-POWR-IDEN	E	POWR	IDEN	Electrical	Power	Identification Numbers	Electrical Power Identification Numbers
E-POWR-JBOX	E	POWR	JBOX	Electrical	Power	Junction Box	Electrical Power Junction Box
E-POWR-MOTR	E	POWR	MOTR	Electrical	Power	Motors	Electrical Power Motors
E-POWR-NUMB	E	POWR	NUMB	Electrical	Power	Circuit Numbers	Electrical Power Circuit Numbers
E-POWR-OTLN	E	POWR	OTLN	Electrical	Power	Outline	Electrical Power Outline
E-POWR-PANL	E	POWR	PANL	Electrical	Power	Panels	Electrical Power Panels
E-POWR-ROOF	E	POWR	ROOF	Electrical	Power	Roof	Electrical Power Roof
E-POWR-SITE	E	POWR	SITE	Electrical	Power	Site	Electrical Power Site
E-POWR-SWBD	E	POWR	SWBD	Electrical	Power	Switchboards	Electrical Power Switchboards
E-POWR-SWCH	E	POWR	SWCH	Electrical	Power	Switches	Electrical power Switches
E-POWR-UCPT	E	POWR	UCPT	Electrical	Power	Under-Carpet Wiring	Electrical Power Under-Carpet Wiring
E-POWR-URAC	E	POWR	URAC	Electrical	Power	Underfloor Raceways	Electrical Power Underfloor Raceways
E-POWR-WALL	E	POWR	WALL	Electrical	Power	Wall Outlets	Electrical Power Wall Outlets
E-REFR	E		REFR	Reference	Ground System	Reference	Reference Ground System Reference
E-RISR	E	RISR		Diagram	Riser diagram	Riser Diagram	Diagram Riser diagram
E-SERT	E	SERT		Diagram	Security	Security	Diagram Security
E-SITE	E	SITE		Diagram	Site Substations	Site Substations	Diagram Site Substations
E-SITE-LITE	E	SITE	LITE	Diagram	Site Substations	Lighting	Diagram Site Substations Lighting
E-SITE-OVHD	E	SITE	OVHD	Diagram	Site Substations	Overhead Lines	Diagram Site Substations Overhead Lines
E-SITE-POLE	E	SITE	POLE	Diagram	Site Substations	Poles	Diagram Site Substations Poles

E-SITE-UNDR	E	SITE	UNDR	Diagram	Site Substations	Underground Lines	Diagram Site Substations Underground Lines
E-SOUN	E	SOUN		Diagram	Sound/PA System	Sound/Pa System	Diagram Sound/PA System
E-TVAN	E	TVAN		Diagram	TV antenna System	Tv Antenna System	Diagram TV antenna System
E-WATR-CSTL	E	WATR	CSTL	Environment	Water	Coastline	Environment Water Coastline
E-WATR-LAGN	E	WATR	LAGN	Environment	Water	Lagoons	Environment Water Lagoons
E-WATR-LAGN-TI	E	WATR	LAGN-TEXT	Environment	Water	Lagoon Annotations	Environment Water Lagoon Annotations
E-WATR-LAKE	E	WATR	LAKE	Environment	Water	Lakes	Environment Water Lakes
E-WATR-LAKE-TE	E	WATR	LAKE-TEXT	Environment	Water	Lakes Annotations	Environment Water Lakes Annotations
E-WATR-STRM	E	WATR	STRM	Environment	Water	Streams and Rivers	Environment Water Streams and Rivers
E-WATR-STRM-T	E	WATR	STRM-TEXT	Environment	Water	Streams and Rivers Annotations	Environment Water Streams and Rivers Annotations
	F			Fire Protection		Fire Protection	Fire Protection
F-AFFF-EQPM	F	AFFF	EQPM	Fire Protection	Equipment	Equipment	Fire Protection Equipment
F-AFFF-PIPE	F	AFFF	PIPE	Fire Protection		Piping	Fire Protection Piping
F-ANNO	F	ANNO		Fire Protection	Annotation	Annotation	Fire Protection Annotation
F-ANNO-DIMS	F	ANNO	DIMS	Fire Protection	Annotation	Dimensions	Fire Protection Annotation Dimensions
F-ANNO-KEYN	F	ANNO	KEYN	Fire Protection	Annotation	Key Notes	Fire Protection Annotation Key Notes
F-ANNO-LEGN	F	ANNO	LEGN	Fire Protection	Annotation	Legends and Schedules	Fire Protection Annotation Legends and Schedules
F-ANNO-NOTE	F	ANNO	NOTE	Fire Protection	Annotation	Notes	Fire Protection Annotation Notes
F-ANNO-NPLT	F	ANNO	NPLT	Fire Protection	Annotation	Construction Lines	Fire Protection Annotation Construction Lines
F-ANNO-PATT	F	ANNO	PATT	Fire Protection	Annotation	Miscellaneous patterning cross-hatching. poche	Fire Protection Miscellaneous Patterning
F-ANNO-REDL	F	ANNO	REDL	Fire Protection	Annotation	Redline	Fire Protection Annotation Redline
F-ANNO-REVS	F	ANNO	REVS	Fire Protection	Annotation	Revisions	Fire Protection Annotation Revisions
F-ANNO-SYMB	F	ANNO	SYMB	Fire Protection	Annotation	Symbols	Fire Protection Annotation Symbols
F-ANNO-TEXT	F	ANNO	TEXT	Fire Protection	Annotation	Text	Fire Protection Annotation Text
F-ANNO-TTLB	F	ANNO	TTLB	Fire Protection	Annotation	Border and Title Block	Fire Protection Annotation Border and Title Block
F-CO2S	F	CO2S		Fire Protection	CO2 System	Co2 System	Fire Protection CO2 System
F-CO2S-EQPM	F	CO2S	EQPM	Fire Protection	CO2 System	Equipment	Fire Protection CO2 System Equipment
F-CO2S-PIPE	F	CO2S	PIPE	Fire Protection	CO2 System	Sprinkler Piping	Fire Protection CO2 System Sprinkler Piping
F-HALN	F	HALN		Fire Protection	Halon	Halon	Fire Protection Halon
F-HALN-EQPM	F	HALN	EQPM	Fire Protection	Halon	Equipment	Fire Protection Halon Equipment
F-HALN-PIPE	F	HALN	PIPE	Fire Protection	Halon	Piping	Fire Protection Halon Piping
F-IGAS	F	IGAS		Fire Protection	Inert Gas	Inert Gas	Fire Protection Inert Gas
F-IGAS-EQPM	F	IGAS	EQPM	Fire Protection	Inert Gas	Equipment	Fire Protection Inert Gas Equipment
F-IGAS-PIPE	F	IGAS	PIPE	Fire Protection	Inert Gas	Piping	Fire Protection Inert Gas Piping
F-PROT	F	PROT		Fire Protection	Protection Systems	Protection Systems	Fire Protection Protection Systems
F-PROT-ALRM	F	PROT	ALRM	Fire Protection	Protection Systems	Alarm	Fire Protection Protection Systems Alarm
F-PROT-EQPM	F	PROT	EQPM	Fire Protection	Protection Systems	Equipment	Fire Protection Protection Systems Equipment
F-PROT-EXTN	F	PROT	EXTN	Fire Protection	Protection Systems	Fire Extinguisher	Fire Protection Protection Systems Fire Extinguisher
F-PROT-HOSE	F	PROT	HOSE	Fire Protection	Protection Systems	Fire Hose Cabinets	Fire Protection Protection Systems Fire House Cabinets
F-PROT-SMOK	F	PROT	SMOK	Fire Protection	Protection Systems	Smoke Detectors	Fire Protection Protection Systems Smoke Detectors
F-SPRN	F	SPRN		Fire Protection	Sprinkler System	Sprinkler System	Fire Protection Sprinkler System
F-SPRN-CLHD	F	SPRN	CLHD	Fire Protection	Sprinkler System	Ceiling Head	Fire Protection Sprinkler System Ceiling Head
F-SPRN-COMB	F	SPRN	COMB	Fire Protection	Sprinkler System	Combination System	Fire Protection Sprinkler System Combination
F-SPRN-OTHHD	F	SPRN	OTHHD	Fire Protection	Sprinkler System	Other Head	Fire Protection Sprinkler System Other Head
F-SPRN-PIPE	F	SPRN	PIPE	Fire Protection	Sprinkler System	Piping	Fire Protection Sprinkler System Piping
F-SPRN-STAN	F	SPRN	STAN	Fire Protection	Sprinkler System	Standpipe	Fire Protection Sprinkler System Standpipe
F-SPRN-UPRT	F	SPRN	UPRT	Fire Protection	Sprinkler System	Sprinkler Upright	Fire Protection Sprinkler System Upright
F-STAN	F	STAN		Fire Protection	Standpipe System	Standpipe System	Fire Protection Standpipe System
	G			General		General	General
G-ACCS	G	ACCS		General	Access Plan	Access Plan	General Access Plan
G-ANNO	G	ANNO		General	Annotation	Annotation	General Annotation
G-ANNO-DIMS	G	ANNO	DIMS	General	Annotation	Dimensions	General Annotation Dimensions
G-ANNO-KEYN	G	ANNO	KEYN	General	Annotation	Key Notes	General Annotation Key Notes
G-ANNO-LEGN	G	ANNO	LEGN	General	Annotation	Legends and Schedules	General Annotation Legends and Schedules
G-ANNO-NOTE	G	ANNO	NOTE	General	Annotation	Notes	General Annotation Notes
G-ANNO-NPLT	G	ANNO	NPLT	General	Annotation	Construction Lines	General Annotation Construction Lines
G-ANNO-REDL	G	ANNO	REDL	General	Annotation	Redline	General Annotation Redline
G-ANNO-REVS	G	ANNO	REVS	General	Annotation	Revisions	General Annotation Revisions
G-ANNO-SYMB	G	ANNO	SYMB	General	Annotation	Symbols	General Annotation Symbols
G-ANNO-TEXT	G	ANNO	TEXT	General	Annotation	Text	General Annotation Text
G-ANNO-TTLB	G	ANNO	TTLB	General	Annotation	Border and Title Block	General Annotation Border and Title Block
G-CODE	G	CODE		General	Code compliance Plan	Code Compliance Plan	General Code compliance Plan
G-EVAC	G	EVAC		General	Evacuation Plan	Evacuation Plan	General Evacuation Plan
G-FIRE	G	FIRE		General	Fire Protection Plan	Fire Protection Plan	General Fire Protection Plan

G-PLAN	G	PLAN		General	Floor Plan	Floor Plan	General Floor Plan
G-SITE	G	SITE		General	Site Plan	Site Plan	General Site Plan
	H			Hazardous		Hazardous	Hazardous
H-ANNO	H	ANNO		Hazardous	Annotation	Annotation	Hazardous Annotation
H-ANNO-DIMS	H	ANNO	DIMS	Hazardous	Annotation	Key Notes	Hazardous Annotation Key Notes
H-ANNO-KEYN	H	ANNO	KEYN	Hazardous	Annotation	Revisions	Hazardous Annotation Revisions
H-ANNO-LEGN	H	ANNO	LEGN	Hazardous	Annotation	Construction Lines	Hazardous Annotation Construction Lines
H-ANNO-NOTE	H	ANNO	NOTE	Hazardous	Annotation	Construction Lines	Hazardous Annotation Construction Lines
H-ANNO-NPLT	H	ANNO	NPLT	Hazardous	Annotation	Key Notes	Hazardous Annotation Key Notes
H-ANNO-REDL	H	ANNO	REDL	Hazardous	Annotation	Key Notes	Hazardous Annotation Key Notes
H-ANNO-REVS	H	ANNO	REVS	Hazardous	Annotation	Construction Lines	Hazardous Annotation Construction Lines
H-ANNO-SYMB	H	ANNO	SYMB	Hazardous	Annotation	Revisions	Hazardous Annotation Revisions
H-ANNO-TEXT	H	ANNO	TEXT	Hazardous	Annotation	Construction Lines	Hazardous Annotation Construction Lines
H-ANNO-TTLB	H	ANNO	TTLB	Hazardous	Annotation	Revisions	Hazardous Annotation Revisions
H-FIRE	H	FIRE		Hazardous	Health and Safety (Fire)		Hazardous Health and Safety
H-FIRE-ANCT	H	FIRE	ANCT	Hazardous	Health and Safety (Fire)	Annunciators	Hazardous Health and Safety Annunciators
H-FIRE-ANNO	H	FIRE	ANNO	Hazardous	Health and Safety (Fire)	Fire Map Building Numbers	Hazardous Health and Safety Fire Map Building Numbers
H-FIRE-CONN	H	FIRE	CONN	Hazardous	Health and Safety (Fire)	Fire Department Connections	Hazardous Health and Safety Fire Department Connections
H-FIRE-HYDR	H	FIRE	HYDR	Hazardous	Health and Safety (Fire)	Hydrants	hazardous Health and Safety Hydrants
H-PLAN	H	PLAN		Hazardous	Floor Plan	Floor Plan	Hazardous Floor Plan
H-SITE	H	SITE		Hazardous	Site Plan	Site Plan	Hazardous Site Plan
H-SITE-ASMB	H	SITE	ASMB	Hazardous	Site Plan	Assembly Areas	Hazardous Site Plan Assembly Areas
H-SITE-EMFS	H	SITE	EMFS	Hazardous	Site Plan	EMF Waste Collection Sites	Hazardous Site Plan EMF Waste Collection
H-SITE-HAZB	H	SITE	HAZB	Hazardous	Site Plan	Reportable Haz-Mat Bldg	Hazardous Site Plan Reportable Haz-Mat Bldg
H-SITE-HAZS	H	SITE	HAZS	Hazardous	Site Plan	Haz-Mat Contaminated Sites	Hazardous Site Plan Haz-Mat Contaminated Sites
H-SITE-RESP	H	SITE	RESP	Hazardous	Site Plan	Response Regions	Hazardous Site Plan Response Regions
H-SITE-SCON	H	SITE	SCON	Hazardous	Site Plan	Supply Containers	Hazardous Site Plan Supply Containers
H-SITE-TANK	H	SITE	TANK	Hazardous	Site Plan	Tanks	Hazardous Site Plan Tanks
H-SITE-WCON	H	SITE	WCON	Hazardous	Site Plan	Water Management Containers	Hazardous Site Plan Water Management Containers
	I			Interior		Interior	Interior
I-ANNO	I	ANNO		Interior	Annotation	Annotation	Interior Annotation
I-ANNO-DIMS	I	ANNO	DIMS	Interior	Annotation	Dimensions	Interior Annotation Dimensions
I-ANNO-KEYN	I	ANNO	KEYN	Interior	Annotation	Key Notes	Interior Annotation Key Notes
I-ANNO-LEGN	I	ANNO	LEGN	Interior	Annotation	Legends and Schedules	Interior Annotation Legends and Schedules
I-ANNO-NOTE	I	ANNO	NOTE	Interior	Annotation	Notes	Interior Annotation Notes
I-ANNO-NPLT	I	ANNO	NPLT	Interior	Annotation	Construction Lines	Interior Annotation Construction Lines
I-ANNO-REDL	I	ANNO	REDL	Interior	Annotation	Redline	Interior Annotation Redline
I-ANNO-REVS	I	ANNO	REVS	Interior	Annotation	Revisions	Interior Annotation Revisions
I-ANNO-SYMB	I	ANNO	SYMB	Interior	Annotation	Symbols	Interior Annotation Symbols
I-ANNO-TEXT	I	ANNO	TEXT	Interior	Annotation	Text	Interior Annotation Text
I-ANNO-TTLB	I	ANNO	TTLB	Interior	Annotation	Border and Title Block	Interior Annotation Border and Title Block
I-AREA	I	AREA		Interior	Area	Area	Interior Area
I-AREA-IDEN	I	AREA	IDEN	Interior	Area	Identification Numbers	Interior Area Identification Numbers
I-AREA-OCCP	I	AREA	OCCP	Interior	Area	Occupant Names	Interior Area Occupant Names
I-AREA-PATT	I	AREA	PATT	Interior	Area	Cross Hatching	Interior Area Cross Hatching
I-CLNG	I	CLNG		Interior	Ceiling Information	Ceiling Information	Interior Ceiling Information
I-CLNG-ACCS	I	CLNG	ACCS	Interior	Ceiling Information	Access	Interior Ceiling Information Access
I-CLNG-GRID	I	CLNG	GRID	Interior	Ceiling Information	Grid	Interior Ceiling Information Grid
I-CLNG-OPEN	I	CLNG	OPEN	Interior	Ceiling Information	Roof Penetrations	Interior Ceiling Information Roof Penetrations
I-CLNG-PATT	I	CLNG	PATT	Interior	Ceiling Information	Patterns	Interior Ceiling Information Patterns
I-CLNG-SUSP	I	CLNG	SUSP	Interior	Ceiling Information	Suspended	Interior Ceiling Information Suspended
I-CLNG-TEES	I	CLNG	TEES	Interior	Ceiling Information	Main Tees	Interior Ceiling Information Main Tees
I-COLS	I	COLS		Interior	Columns	Columns	Interior Columns
I-DETL	I	DETL		Interior	Details	Details	Interior Details
I-DETL-IDEN	I	DETL	IDEN	Interior	Details	Identification Numbers	Interior Details Identification Numbers
I-DETL-MBND	I	DETL	MBND	Interior	Details	Material Beyond Section	Interior Details Material Beyond Section
I-DETL-MCUT	I	DETL	MCUT	Interior	Details	Material Cut By Section	Interior Details Material Cut By Section
I-DETL-PATT	I	DETL	PATT	Interior	Details	Patterns	Interior Details Patterns
I-DOOR	I	DOOR		Interior	Doors	Doors	Interior Doors
I-DOOR-ELEV	I	DOOR	ELEV	Interior	Doors	3D View	Interior Doors 3D View
I-DOOR-FULL	I	DOOR	FULL	Interior	Doors	Full Height	Interior Doors Full Height
I-DOOR-IDEN	I	DOOR	IDEN	Interior	Doors	Identification Numbers	Interior Doors Identification Numbers
I-DOOR-PRHT	I	DOOR	PRHT	Interior	Doors	Partial Height	Interior Doors Partial Height
I-ELEV	I	ELEV		Interior	Elevations	Elevations	Interior Elevations

I-ELEV-CASE	I	ELEV	CASE	Interior	Elevations	Wall-Mounted Casework	Interior Elevations Wall-Mounted Casework
I-ELEV-FIXT	I	ELEV	FIXT	Interior	Elevations	Misc. Fixtures	Interior Elevations Misc. Fixtures
I-ELEV-FNSH	I	ELEV	FNSH	Interior	Elevations	Finishes	Interior Elevations Finishes
I-ELEV-IDEN	I	ELEV	IDEN	Interior	Elevations	Identification Numbers	Interior Elevations Identification Numbers
I-ELEV-PATT	I	ELEV	PATT	Interior	Elevations	Patterns	Interior Elevations Patterns
I-ELEV-PFIXT	I	ELEV	PFIXT	Interior	Elevations	Plumbing Fixtures	Interior Elevations Plumbing Fixtures
I-ELEV-SIGN	I	ELEV	SIGN	Interior	Elevations	Signage	Interior Elevations Signage
I-EQPM	I	EQPM		Interior	Equipment	Equipment	Interior Equipment
I-EQPM-ACCS	I	EQPM	ACCS	Interior	Equipment	Access	Interior Equipment Access
I-EQPM-CLNG	I	EQPM	CLNG	Interior	Equipment	Ceiling-Mounted	Interior Equipment Ceiling-Mounted
I-EQPM-ELEV	I	EQPM	ELEV	Interior	Equipment	3D View	Interior Equipment 3D View
I-EQPM-FIXD	I	EQPM	FIXD	Interior	Equipment	Fixed	Interior Equipment Fixed
I-EQPM-IDEN	I	EQPM	IDEN	Interior	Equipment	Identification Numbers	Interior Equipment Identification Numbers
I-EQPM-MOVE	I	EQPM	MOVE	Interior	Equipment	Moveable	Interior Equipment Moveable
I-EQPM-NICN	I	EQPM	NICN	Interior	Equipment	Not In Contract	Interior Equipment Not In Contract
I-FLOOR	I	FLOOR		Interior	Floor information	Floor Information	Interior Floor information
I-FLOOR-CASE	I	FLOOR	CASE	Interior	Floor information	Casework	Interior Floor information Casework
I-FLOOR-EVTR	I	FLOOR	EVTR	Interior	Floor information	Elevator	Interior Floor information Elevator
I-FLOOR-FIXT	I	FLOOR	FIXT	Interior	Floor information	Misc. Fixtures	Interior Floor information Misc. Fixtures
I-FLOOR-HRAL	I	FLOOR	HRAL	Interior	Floor information	Handrails	Interior Floor information Handrails
I-FLOOR-IDEN	I	FLOOR	IDEN	Interior	Floor information	Identification Numbers	Interior Floor information Identification Numbers
I-FLOOR-LEVL	I	FLOOR	LEVL	Interior	Floor information	Level	Interior Floor information Level
I-FLOOR-OTLN	I	FLOOR	OTLN	Interior	Floor information	Outline	Interior Floor information Outline
I-FLOOR-OVHD	I	FLOOR	OVHD	Interior	Floor information	Overhead Items	Interior Floor information Overhead Items
I-FLOOR-PATT	I	FLOOR	PATT	Interior	Floor information	Patterns	Interior Floor information Patterns
I-FLOOR-PFIX	I	FLOOR	PFIX	Interior	Floor information	Plumbing Fixtures	Interior Floor information Plumbing Fixtures
I-FLOOR-RAIS	I	FLOOR	RAIS	Interior	Floor information	Raised	Interior Floor information Raised
I-FLOOR-RISR	I	FLOOR	RISR	Interior	Floor information	Risers	Interior Floor information Risers
I-FLOOR-SIGN	I	FLOOR	SIGN	Interior	Floor information	Signage	Interior Floor information Signage
I-FLOOR-SPCL	I	FLOOR	SPCL	Interior	Floor information	Specialties	Interior Floor information Specialties
I-FLOOR-STRS	I	FLOOR	STRS	Interior	Floor information	Stairs	Interior Floor information Stairs
I-FLOOR-TPTN	I	FLOOR	TPTN	Interior	Floor information	Toilet Partitions	Interior Floor information Toilet Partitions
I-FLOOR-WDWK	I	FLOOR	WDWK	Interior	Floor information	Woodwork	Interior Floor information Woodwork
I-FURN	I	FURN		Interior	Furniture	Furniture	Interior Furniture
I-FURN-CHAR	I	FURN	CHAR	Interior	Furniture	Chairs	Interior Furniture Chairs
I-FURN-ELEV	I	FURN	ELEV	Interior	Furniture	3D View	Interior Furniture 3D View
I-FURN-FILE	I	FURN	FILE	Interior	Furniture	File Cabinets	Interior Furniture File Cabinets
I-FURN-FREE	I	FURN	FREE	Interior	Furniture	Freestanding	Interior Furniture Freestanding
I-FURN-IDEN	I	FURN	IDEN	Interior	Furniture	Identification Numbers	Interior Furniture Identification Numbers
I-FURN-PATT	I	FURN	PATT	Interior	Furniture	Patterns	Interior Furniture Patterns
I-FURN-PLNT	I	FURN	PLNT	Interior	Furniture	Plants	Interior Furniture Plants
I-FURN-PNLS	I	FURN	PNLS	Interior	Furniture	Panels	Interior Furniture Panels
I-FURN-POWR	I	FURN	POWR	Interior	Furniture	Power Designations	Interior Furniture Power Designations
I-FURN-STOR	I	FURN	STOR	Interior	Furniture	Storage	Interior Furniture Storage
I-FURN-WKSF	I	FURN	WKSF	Interior	Furniture	Work Surface	Interior Furniture Work Surface
I-GLAZ	I	GLAZ		Interior	Glazing	Glazing	Interior Glazing
I-GLAZ-ELEV	I	GLAZ	ELEV	Interior	Glazing	Elevation Views	Interior Glazing Elevation Views
I-GLAZ-FULL	I	GLAZ	FULL	Interior	Glazing	Full Height	Interior Glazing Full Height
I-GLAZ-IDEN	I	GLAZ	IDEN	Interior	Glazing	Identification Numbers	Interior Glazing Identification Numbers
I-GLAZ-PRHT	I	GLAZ	PRHT	Interior	Glazing	Partial Height	Interior Glazing Partial Height
I-GLAZ-SILL	I	GLAZ	SILL	Interior	Glazing	Windowsills	Interior Glazing Windowsills
I-GRID	I	GRID		Interior	Grid	Grid	Interior Grid
I-HVAC-RDFF	I	HVAC	RDFF	Interior	Columns	Return Air Diffusers	Interior Columns Return Air Diffusers
I-HVAC-SDFF	I	HVAC	SDFF	Interior	Columns	Supply Diffusers	Interior Columns Supply Diffusers
I-LITE	I	LITE		Interior	Light Fixtures	Light Fixtures	Interior Light Fixtures
I-SECT	I	SECT		Interior	Sections	Sections	Interior Sections
I-SECT-IDEN	I	SECT	IDEN	Interior	Sections	Identification Numbers	Interior Sections Identification Numbers
I-SECT-MBND	I	SECT	MBND	Interior	Sections	Material Beyond	Interior Sections Material Beyond
I-SECT-MCUT	I	SECT	MCUT	Interior	Sections	Material Cut	Interior Sections Material Cut
I-SECT-PATT	I	SECT	PATT	Interior	Sections	Patterns	Interior Sections Patterns
I-WALL	I	WALL		Interior	Walls	Walls	Interior Walls
I-WALL-ELEV	I	WALL	ELEV	Interior	Walls	3D View	Interior Walls 3D View
I-WALL-FIRE	I	WALL	FIRE	Interior	Walls	Fire Wall Patterning	Interior Walls Fire Wall Patterning
I-WALL-FULL	I	WALL	FULL	Interior	Walls	Full Height	Interior Walls Full Height
I-WALL-HEAD	I	WALL	HEAD	Interior	Walls	Headers	Interior Walls Headers

I-WALL-JAMB	I	WALL	JAMB	Interior	Walls	Jambs	Interior Walls Jambs
I-WALL-MOVE	I	WALL	MOVE	Interior	Walls	Moveable Partitions	Interior Walls Moveable Partitions
I-WALL-PATT	I	WALL	PATT	Interior	Walls	Insulation	Interior Walls Insulation
I-WALL-PRHT	I	WALL	PRHT	Interior	Walls	Partial Height	Interior Walls Partial Height
	L			Landscape		Landscape	Landscape
L-ANNO	L	ANNO		Landscape	Annotation		Landscape Annotations
L-ANNO-DIMS	L	ANNO	DIMS	Landscape	Annotation		Landscape Annotation Dimensions
L-ANNO-KEYN	L	ANNO	KEYN	Landscape	Annotation	Key Notes	Landscape Annotation Key Notes
L-ANNO-LEGN	L	ANNO	LEGN	Landscape	Annotation	Legends and Schedules	Landscape Annotation Legends and Schedules
L-ANNO-NOTE	L	ANNO	NOTE	Landscape	Annotation	Notes	Landscape Annotation Notes
L-ANNO-NPLT	L	ANNO	NPLT	Landscape	Annotation	Construction Lines	Landscape Annotation Construction Lines
L-ANNO-REDL	L	ANNO	REDL	Landscape	Annotation	Redline	Landscape Annotation Redline
L-ANNO-SYMB	L	ANNO	REVS	Landscape	Annotation	Revisions	Landscape Annotation Revisions
L-ANNO-SYMB-LC	L	ANNO	SYMB	Landscape	Annotation	Limit of Work Line	Landscape Annotation Limit of Work Line
L-ANNO-SYMB-M	L	ANNO	SYMB	Landscape	Annotation	Matchline	Landscape Annotation Matchline
L-ANNO-SYMB-ST	L	ANNO	SYMB	Landscape	Annotation	License Stamp	Landscape Annotation License Stamp
L-ANNO-TEXT	L	ANNO	TEXT	Landscape	Annotation	Text	Landscape Annotation Text
L-ANNO-TTLB	L	ANNO	TTLB	Landscape	Annotation	Border and Title Block	Landscape Annotation Border and Title Block
L-IRRG	L	IRRG		Landscape	Irrigation System	Irrigation System	Irrigation System
L-IRRG-MASK	L	IRRG	MASK	Landscape	Irrigation System	mask	Irrigation System Mask
L-IRRG-TEXT	L	IRRG	TEXT	Landscape	Irrigation System	text	Irrigation System Text
L-IRRG-DRIP-EM	L	IRRG	DRIP	Landscape	Irrigation System	drip emitter	Irrigation System Drip Emitter
L-IRRG-LEGD	L	IRRG	LEGD	Landscape	Irrigation System	legend	Irrigation System Legend
L-IRRG-LTRL	L	IRRG	LTRL	Landscape	Irrigation System	lateral line	Irrigation System Lateral Line
L-IRRG-LTRL-CP	L	IRRG	LTRL	Landscape	Irrigation System	lateral line copper	Irrigation System Lateral Line Copper
L-IRRG-LTRL-DR	L	IRRG	LTRL	Landscape	Irrigation System	lateral line drip	Irrigation System Lateral Line Drip
L-IRRG-LTRL-UV	L	IRRG	LTRL	Landscape	Irrigation System	UV on-grade piping	Irrigation System UV on Grade Pipping
L-IRRG-MAIN	L	IRRG	MAIN	Landscape	Irrigation System	irrigation main	Irrigation System Main Line
L-IRRG-QCV1	L	IRRG	QCV1	Landscape	Irrigation System	quick coupler	Irrigation System Quick Coupler
L-IRRG-RCV1	L	IRRG	RCV1	Landscape	Irrigation System	remote control valve	Irrigation System Remote Control Valve
L-IRRG-RCV1-DR	L	IRRG	RCV1	Landscape	Irrigation System	remote control valve drip	Irrigation System Remote Control Valve Drip
L-IRRG-SLVS	L	IRRG	SLVS	Landscape	Irrigation System	irrigation sleeve	Irrigation System Irrigation Sleeves
L-IRRG-SPKL	L	IRRG	SPKL	Landscape	Irrigation System	Sprinklers	Irrigation System Sprinklers
L-IRRG-SPKL-BUI	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler bubbler shrub	Irrigation System Sprinkler Bubbler Shrub
L-IRRG-SPKL-BUI	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler bubbler tree	Irrigation System Sprinkler Bubbler Tree
L-IRRG-SPKL-RO	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler rotor head	Irrigation System Sprinkler Roto Head
L-IRRG-SPKL-RO	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler rotor head	Irrigation System Sprinkler Roto Head
L-IRRG-SPKL-RO	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler rotor head	Irrigation System Sprinkler Roto Head
L-IRRG-SPKL-RO	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler rotor head	Irrigation System Sprinkler Roto Head
L-IRRG-SPKL-SP	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler spray shrub head	Irrigation System Sprinkler Spray Shrub Head
L-IRRG-SPKL-SP	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler spray head turf	Irrigation System Sprinkler Spray Head Turf
L-IRRG-SPKL-TE	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler text hexagon	Irrigation System Sprinkler Text Hexagon
L-IRRG-SPKL-TE	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler text Hunter rotor	Irrigation System Sprinkler Text Hunter Rotor
L-IRRG-SPKL-TE	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler text round	Irrigation System Sprinkler Text Round
L-IRRG-SPKL-TE	L	IRRG	SPKL	Landscape	Irrigation System	sprinkler text square	Irrigation System Sprinkler Text Square
L-IRRG-UTIL	L	IRRG	UTIL	Landscape	Irrigation System	Most of drip equip. controller, iso etc.	Irrigation System Controller
L-IRRG-UTIL-ARV	L	IRRG	UTIL	Landscape	Irrigation System	air relief valve	Irrigation System Relief Valves
L-IRRG-UTIL-FUL	L	IRRG	UTIL	Landscape	Irrigation System	flush relief valve	Irrigation System Flush Relief Valbes
L-IRRG-COVR	L	IRRG	COVR	Landscape	Irrigation System	Coverage	Irrigation System Coverage
L-IRRG-EQPT	L	IRRG	EQPT	Landscape	Irrigation System	Equipment	Irrigation System Equipment
L-IRRG-PIPE	L	IRRG	PIPE	Landscape	Irrigation System	Piping	Irrigation System Piping
L-PATT	L	PATT		Landscape		Patterns	Landscape Patterns
L-TTLB-BRDR	L	TTLB	BRDR	Landscape	Titleblock	Border and Title Block	Landscape Border and Title Block
L-REVC-CLOD	L	REVC	CLOD	Landscape	Revision	Clouds	Landscape Revision Clouds
L-REVC-DLTA	L	REVC	DLTA	Landscape	Revision	Delta	Landscape Revision Delta
L-HDSP-CURB	L	HDSP	CURB	Landscape	Hardscape	Curb	Landscape Hardscape Curb
L-HDSP-DECK	L	HDSP	DECK	Landscape	Hardscape	Decks	Landscape Hardscape Decks
L-HDSP-DRAN	L	HDSP	DRAN	Landscape	Hardscape	Drain	Landscape Hardscape Drains
L-HDSP-FENC	L	HDSP	FENC	Landscape	Hardscape	Fences	Landscape Hardscape Fences
L-HDSP-FLNE	L	HDSP	FLNE	Landscape	Hardscape	Fire Lanes	Landscape Hardscape Fire Lanes
L-HDSP-FURN	L	HDSP	FURN	Landscape	Hardscape	Furnishings	Landscape Hardscape Furnishing
L-HDSP-HEDR	L	HDSP	HEDR	Landscape	Hardscape	Headers	Landscape Hardscape Headers
L-HDSP-LITE	L	HDSP	LITE	Landscape	Hardscape	Lighting	Landscape Hardscape Lighting
L-HDSP-PLAY	L	HDSP	PLAY	Landscape	Hardscape	Play Area	Landscape Hardscape Play Area



L-HDSP-PRKG-ST	L	HDSP	PRKG	Landscape	Hardscape	Parking Lot Stripping	Landscape Hardscape Parking Lot Stripping
L-HDSP-PVNG	L	HDSP	PVNG	Landscape	Hardscape	Paving	Landscape Hardscape Paving
L-HDSP-PVNG-DE	L	HDSP	PVNG	Landscape	Hardscape	Deep Pour Edge	Landscape Hardscape Deep Pour Edge
L-HDSP-PVNG-DC	L	HDSP	PVNG	Landscape	Hardscape	Decomposed Granite Surface	Landscape Hardscape Decomposed Granite Surface
L-HDSP-PVNG-JN	L	HDSP	PVNG	Landscape	Hardscape	Expansion Joint	Landscape Hardscape Expansion Joint
L-HDSP-PVNG-JN	L	HDSP	PVNG	Landscape	Hardscape	Paving Patters, Scorelines	Landscape Hardscape Paving Patters
L-HDSP-PVNG-PA	L	HDSP	PVNG	Landscape	Hardscape	Pavers	Landscape Hardscape Pavers
L-HDSP-RAIL	L	HDSP	RAIL	Landscape	Hardscape	Rails	Landscape Hardscape Rails
L-HDSP-ROCK	L	HDSP	ROCK	Landscape	Hardscape	Boulders, Large Rocks	Landscape Hardscape Boulders
L-HDSP-SPRT	L	HDSP	SPRT	Landscape	Hardscape	Sports Fields	Landscape Hardscape Sports Fields
L-HDSP-TREL	L	HDSP	TREL	Landscape	Hardscape	Trellis	Landscape Hardscape Trellis
L-HDSP-WALL	L	HDSP	WALL	Landscape	Hardscape	Wall	Landscape Hardscape Walls
L-PLNT	L	PLNT		Landscape	Plant Materials		Landscape Plant Materials
L-PLNT-BEDS	L	PLNT	BEDS	Landscape	Plant Materials	Beds	Landscape Plant Materials Beds
L-PLNT-GRND	L	PLNT	GRND	Landscape	Plant Materials	Ground Covers	Landscape Plant Materials Ground Covers
L-PLNT-PLAN	L	PLNT	PLAN	Landscape	Plant Materials	Planting	Landscape Plant Materials Planting
L-PLNT-TREE	L	PLNT	TREE	Landscape	Plant Materials	Trees	Landscape Plant Materials Trees
L-PLNT-TURF	L	PLNT	TURF	Landscape	Plant Materials	Lawn	Landscape Plant Materials Lawn
L-PLNT-ROOT	L	PLNT	ROOT	Landscape	Plant Materials	Root Barriers	Landscape Plant Materials Root Barriers
L-PLNT-SHRB	L	PLNT	SHRB	Landscape	Plant Materials	Shrubs	Landscape Plant Materials Shrubs
L-PLNT-SHRB-TE	L	PLNT	SHRB	Landscape	Plant Materials	Shrub Symbols and Text	Landscape Plant Materials Shrubs Symbols and Text
L-PLNT-TREE	L	PLNT	TREE	Landscape	Plant Materials	Trees	Landscape Plant Materials Trees
L-PLNT-TREE-TE	L	PLNT	TREE	Landscape	Plant Materials	Trees Symbols	Landscape Plant Materials Tree Symbols
L-PLNT-TREE-EX	L	PLNT	TREE	Landscape	Plant Materials	Existing Trees	Landscape Plant Materials Existing Trees
L-PLNT-TREE-EX	L	PLNT	TREE	Landscape	Plant Materials	Existing Trees To be Demolished	Landscape Plant Materials Existing Trees to be Demolished
L-GRAD-CONT-M	L	GRAD	CONT	Landscape	Grading	Major Contours	Landscape Grading Major Contours
L-GRAD-CONT-M	L	GRAD	CONT	Landscape	Grading	Minor Contours	Landscape Grading Minor Contours
L-GRAD-SPOT	L	GRAD	SPOT	Landscape	Grading	Spot Elevations	Landscape Grading Spot Elevations
L-PARK	L	PARK		Landscape	Campus Park Lands		Landscape Campus Park Lands
L-PARK-ECOL	L	PARK	ECOL	Landscape	Campus Park Lands	Campus Ecological Reserve	Landscape Campus Ecological Reserve
L-PARK-GROV	L	PARK	GROV	Landscape	Campus Park Lands	Campus Park Groves	Landscape Campus Park Groves
L-PARK-NOTE	L	PARK	NOTE	Landscape	Campus Park Lands	Campus Park Notations	Landscape Campus Park Notations
L-PARK-OTLN	L	PARK	OTLN	Landscape	Campus Park Lands	Campus Park Boundary	Landscape Campus Park Boundary
L-PARK-PRES	L	PARK	PRES	Landscape	Campus Park Lands	Campus Preserve Lands	Landscape Campus Preserve Lands
L-SITE	L	SITE		Landscape	Site Improvements	Site Improvements	Landscape Site Improvements
L-SITE-BRDG	L	SITE	BRDG	Landscape	Site Improvements	Bridges	Landscape Site Improvements Bridges
L-SITE-DECK	L	SITE	DECK	Landscape	Site Improvements	Decks	Landscape Site Improvements Decks
L-SITE-FENC	L	SITE	FENC	Landscape	Site Improvements	Fencing	Landscape Site Improvements Fencing
L-SITE-FURN	L	SITE	FURN	Landscape	Site Improvements	Furnishings	Landscape Site Improvements Furnishings
L-SITE-LITE	L	SITE	LITE	Landscape	Site Improvements	Light Fixtures	Landscape Site Improvements, Light Fixtures
L-SITE-PLAY	L	SITE	PLAY	Landscape	Site Improvements	Play Structures	Landscape Site Improvements, Play Structures
L-SITE-POOL	L	SITE	POOL	Landscape	Site Improvements	Pools And Spas	Landscape Site Improvements, Pools And Spas
L-SITE-SPRT	L	SITE	SPRT	Landscape	Site Improvements	Sports Fields	Landscape Site Improvements, Sports Fields
L-SITE-STEP	L	SITE	STEP	Landscape	Site Improvements	Steps	Landscape Site Improvements Steps
L-SITE-WALL	L	SITE	WALL	Landscape	Site Improvements	Walls	Landscape Site Improvements Walls
L-SPRT	L	SPRT		Landscape	Recreation Fields, Sport Courts	Recreation Fields, Sport Courts	Landscape Recreation Fields, Sport Courts
L-STRT	L	STRT		Landscape	Stuart Collection	Stuart Collection	Landscape Stuart Collection
L-STRT-SITE	L	STRT	SITE	Landscape	Stuart Collection	Area of Influence	Landscape Stuart Collection Area of Influence
L-WALK	L	WALK		Landscape	Walks and Steps	Walks And Steps	Landscape Walks and Steps
L-WALK-PATT	L	WALK	PATT	Landscape	Walks and Steps	Patterns	Landscape Walks and Steps Patterns
M-ACID	M	ACID		Mechanical	Acid Alkaline and Oil Waste System		Mechanical Acid Alkaline and Oil Waste System
M-ACID-EQPM	M	ACID	EQPM	Mechanical	Acid Alkaline and Oil Waste System	Equipment	Mechanical Acid Alkaline and Oil Waste Equipment
M-ACID-PIPE	M	ACID	PIPE	Mechanical	Acid Alkaline and Oil Waste System	Piping	Mechanical Acid Alkaline and Oil Waste Piping
M-ACID-VENT	M	ACID	VENT	Mechanical	Acid Alkaline and Oil Waste System	Vent Piping	Mechanical Acid Alkaline and Oil Waste Vent Piping
M-ANNO	M	ANNO		Mechanical	Annotation		Mechanical Annotations
M-ANNO-DIMS	M	ANNO	DIMS	Mechanical	Annotation	Dimensions	Mechanical Annotation Dimensions
M-ANNO-KEYN	M	ANNO	KEYN	Mechanical	Annotation	Key Notes	Mechanical Annotation Key Notes
M-ANNO-LEGN	M	ANNO	LEGN	Mechanical	Annotation	Legends and Schedules	Mechanical Annotation Legends and Schedules
M-ANNO-NOTE	M	ANNO	NOTE	Mechanical	Annotation	Notes	Mechanical Annotation Notes
M-ANNO-NPLT	M	ANNO	NPLT	Mechanical	Annotation	Construction Lines	Mechanical Annotation Construction Lines
M-ANNO-REDL	M	ANNO	REDL	Mechanical	Annotation	Redline	Mechanical Annotation Redline
M-ANNO-REVS	M	ANNO	REVS	Mechanical	Annotation	Revisions	Mechanical Annotation Revisions

M-ANNO-SYMB	M	ANNO	SYMB	Mechanical	Annotation	Symbols	Mechanical Annotation Symbols
M-ANNO-TEXT	M	ANNO	TEXT	Mechanical	Annotation	Text	Mechanical Annotation Text
M-ANNO-TTLB	M	ANNO	TTLB	Mechanical	Annotation	Border and Title Block	Mechanical Annotation Border and Title Block
M-BRIN	M	BRIN		Mechanical	Brine System	Brine System	Mechanical Brine System
M-BRIN-EQPM	M	BRIN	EQPM	Mechanical	Brine System	Equipment	Mechanical Brine System Equipment
M-BRIN-PIPE	M	BRIN	PIPE	Mechanical	Brine System	Piping	Mechanical Brine System Piping
M-CHIM	M	CHIM		Mechanical	Chimneys	Chimneys	Mechanical Chimneys
M-CMPA	M	CMPA		Mechanical	Compressed Air Systems	Compressed Air Systems	Mechanical Compressed Air Systems
M-CMPA-CEQP	M	CMPA	CEQP	Mechanical	Compressed Air Systems	Equipment	Mechanical Compressed Air Systems Equipment
M-CMPA-CPIP	M	CMPA	CPIP	Mechanical	Compressed Air Systems	Piping	Mechanical Compressed Air Systems Piping
M-CMPA-PEQP	M	CMPA	PEQP	Mechanical	Compressed Air Systems	Process Air Equipment	Mechanical Compressed Air Systems Process Air Equipment
M-CMPA-PPIP	M	CMPA	PPIP	Mechanical	Compressed Air Systems	Process Air Piping	Mechanical Compressed Air Systems Process Air Piping
M-CMPH	M	CMPH		Mechanical	High Pressure Compressed Air Systems		Mechanical High Pressure Compressed Air Systems
M-CMPH-EQPM	M	CMPH	EQPM	Mechanical	High Pressure Compressed Air Systems	Equipment	Mechanical High Pressure Compressed Air Systems Equipment
M-CMPH-PIPE	M	CMPH	PIPE	Mechanical	High Pressure Compressed Air Systems	High Pressure Brake Lines	Mechanical High Pressure Brake Lines
M-CMPL	M	CMPL		Mechanical	Low Pressure Compressed Air Systems		Mechanical Low Pressure Compressed Air Systems
M-CMPL-EQPM	M	CMPL	EQPM	Mechanical	Low Pressure Compressed Air Systems	Shop and Control Air Equipment	Mechanical Low Pressure Air System Equipment
M-CMPL-PIPE	M	CMPL	PIPE	Mechanical	Low Pressure Compressed Air Systems	Shop and Control Air Piping	Mechanical Low Pressure Compressed Air Systems Piping
M-CONT	M	CONT		Mechanical	Controls	Controls	Mechanical Controls
M-CONT-INST	M	CONT	INST	Mechanical	Controls	Instrumentation	Mechanical Control Instrumentation
M-CONT-THER	M	CONT	THER	Mechanical	Controls	Thermostats	Mechanical Controls Thermostats
M-CONT-WIRE	M	CONT	WIRE	Mechanical	Controls	Wiring	Mechanical Controls Wiring
M-CWTR	M	CWTR		Mechanical	Chilled Water Systems	Chilled Water Systems	Mechanical Chilled Water Systems
M-CWTR-EQPM	M	CWTR	EQPM	Mechanical	Chilled Water Systems	Equipment	Mechanical Chilled Water Systems Equipment
M-CWTR-PIPE	M	CWTR	PIPE	Mechanical	Chilled Water Systems	Piping	Mechanical Chilled Water Systems Piping
M-DETL	M	DETL		Mechanical	Details		Mechanical Details
M-DETL-EQPM	M	DETL	EQPM	Mechanical	Details	Equipment	Mechanical Details Equipment
M-DETL-PIPE	M	DETL	PIPE	Mechanical	Details	Piping	Mechanical Details Piping
M-DETL-BOIL	M	DETL	BOIL	Mechanical	Details	Boilers	Mechanical Details Boilers
M-DETL-CABS	M	DETL	CABS	Mechanical	Details	Cabinets	Mechanical Details Cabinets
M-DETL-COIL	M	DETL	COIL	Mechanical	Details	Coils and Fin Tubes	Mechanical Details Coils
M-DETL-DUCT	M	DETL	DUCT	Mechanical	Details	Ducts	Mechanical Details Ducts
M-DETL-EQPT	M	DETL	EQPT	Mechanical	Details	Equipment & Fixtures	Mechanical Details Equipment
M-DETL-FANS	M	DETL	FANS	Mechanical	Details	Fans	Mechanical Details Fans
M-DETL-GRLS	M	DETL	GRLS	Mechanical	Details	Grilles and Louvers	Mechanical Details Grilles & Louvers
M-DETL-INSL	M	DETL	INSL	Mechanical	Details	Insulation and Coverings	Mechanical Details Insulation
M-DETL-MOTR	M	DETL	MOTR	Mechanical	Details	Motors	Mechanical Details Motors
M-DETL-PUMP	M	DETL	PUMP	Mechanical	Details	Pumps	Mechanical Details Pumps
M-DETL-STRC	M	DETL	STRC	Mechanical	Details	Structural Support Features	Mechanical Details Structural Support Features
M-DETL-TANK	M	DETL	TANK	Mechanical	Details	Tanks	Mechanical Details Tanks
M-DETL-TRAP	M	DETL	TRAP	Mechanical	Details	Traps & Drains	Mechanical Details Traps & Drains
M-DETL-VENT	M	DETL	VENT	Mechanical	Details	Vent Piping	Mechanical Details Vents
M-DETL-VLVE	M	DETL	VLVE	Mechanical	Details	Valves & Fittings	Mechanical Details Valves & Fittings
M-DETL-WIRE	M	DETL	WIRE	Mechanical	Details	Electrical Wiring	Mechanical Details Electrical Wiring
M-DUAL-EQPM	M	DUAL	EQPM	Mechanical		Equipment	Mechanical Equipment
M-DUAL-PIPE	M	DUAL	PIPE	Mechanical		Piping	Mechanical Piping
M-DUST	M	DUST		Mechanical	Dust Collection System	Dust Collection System	Mechanical Dust Collection System
M-DUST-DUCT	M	DUST	DUCT	Mechanical	Dust Collection System	Ductwork	Mechanical Dust Collection System Ductwork
M-DUST-EQPM	M	DUST	EQPM	Mechanical	Dust Collection System	Equipment	Mechanical Dust Collection System Equipment
M-ELEV	M	ELEV		Mechanical	Elevations		Mechanical Elevations
M-ELEV-FIXT	M	ELEV	FIXT	Mechanical	Elevations	Miscellaneous Fixtures	Mechanical Elevations Miscellaneous Fixtures
M-ELEV-IDEN	M	ELEV	IDEN	Mechanical	Elevations	Component Identification	Mechanical Elevations Component Identification
M-ELEV-OTLN	M	ELEV	OTLN	Mechanical	Elevations	Building Outline	Mechanical Elevation Building Outline
M-ELEV-PATT	M	ELEV	PATT	Mechanical	Elevations	Textures & Hatch Patterns	Mechanical Elevations Textures & Hatch Patterns
M-ELEV-PFIX	M	ELEV	PFIX	Mechanical	Elevations	Plumbing Fixtures	Mechanical Elevations Plumbing Fixtures
M-ELHT-EQPM	M	ELHT	EQPM	Mechanical	Dust Collection System	Electric Heat Equipment	Mechanical Dust Collection System Electric Heat Equipment
M-ENER	M	ENER		Mechanical	Energy Management System	Energy Management System	Mechanical Energy Management System
M-ENER-EQPM	M	ENER	EQPM	Mechanical	Energy Management System	Equipment	Mechanical Energy Management System Equipment
M-ENER-WIRE	M	ENER	WIRE	Mechanical	Energy Management System	Wiring	Mechanical Energy Management System Wiring
M-EXHS	M	EXHS		Mechanical	Exhaust System	Exhaust System	Mechanical Exhaust System

M-EXHS-CDFF	M	EXHS	CDFF	Mechanical	Exhaust System	Ceiling Diffusers	Mechanical Exhaust System Ceiling Diffusers
M-EXHS-DUCT	M	EXHS	DUCT	Mechanical	Exhaust System	Ductwork	Mechanical Exhaust System Ductwork
M-EXHS-EQPM	M	EXHS	EQPM	Mechanical	Exhaust System	Equipment	Mechanical Exhaust System Equipment
M-EXHS-RFEQ	M	EXHS	RFEQ	Mechanical	Exhaust System	Rooftop Equipment	Mechanical Exhaust System Rooftop Equipment
M-FUEL	M	FUEL		Mechanical	Fuel System Piping	Fuel System Piping	Mechanical Fuel System Piping
M-FUEL-GGEP	M	FUEL	GGEP	Mechanical	Fuel System Piping	Gas General	Mechanical Fuel System Piping Gas General
M-FUEL-GPRP	M	FUEL	GPRP	Mechanical	Fuel System Piping	Gas Process	Mechanical Fuel System Piping Gas Process
M-FUEL-OGEP	M	FUEL	OGEP	Mechanical	Fuel System Piping	Oil General	Mechanical Fuel System Piping Oil General
M-FUEL-OPRP	M	FUEL	OPRP	Mechanical	Fuel System Piping	Oil Process	Mechanical Fuel System Piping Oil Process
M-FUEL-RPIP	M	FUEL	RPIP	Mechanical	Fuel System Piping	Returning Piping	Mechanical Fuel System Return Piping
M-FUEL-SPIP	M	FUEL	SPIP	Mechanical	Fuel System Piping	Supply Piping	Mechanical Fuel System Supply Piping
M-FUME	M	FUME		Mechanical	Fume Hood System	Fume Hood System	Mechanical Fume Hood System
M-FUME-EQPM	M	FUME	EQPM	Mechanical	Fume Hood System	Fume Hoods	Mechanical Energy Recovery Fume Hoods
M-FUME-EXHS	M	FUME	EXHS	Mechanical	Fume Hood System	Fume Hood Exhaust System	Mechanical Energy Recovery Fume Hood Exhaust System
M-HOTW	M	HOTW		Mechanical	Hot Water Heating System	Hot Water Heating System	Mechanical Hot Water Heating System
M-HOTW-EQPM	M	HOTW	EQPM	Mechanical	Hot Water Heating System	Equipment	Mechanical Hot Water Heating System Equipment
M-HOTW-PIPE	M	HOTW	PIPE	Mechanical	Hot Water Heating System	Piping	Mechanical Hot Water Heating System Piping
M-HVAC	M	HVAC		Mechanical	HVAC System	HVAC System	Mechanical HVAC System
M-HVAC-CDFF	M	HVAC	CDFF	Mechanical	HVAC System	Ceiling Diffusers	Mechanical HVAC System Ceiling Diffusers
M-HVAC-DOOR	M	HVAC	DOOR	Mechanical	HVAC System	Access Door	Mechanical HVAC System Access Doors
M-HVAC-DUCT	M	HVAC	DUCT	Mechanical	HVAC System	Ductwork	Mechanical HVAC System Ductwork
M-HVAC-EQPM	M	HVAC	EQPM	Mechanical	HVAC System	Equipment	Mechanical HVAC System Equipment
M-HVAC-IDEN	M	HVAC	IDEN	Mechanical	HVAC System	Diffuser Tags	Mechanical HVAC System Diffuser Tags
M-HVAC-ODFF	M	HVAC	ODFF	Mechanical	HVAC System	Other Diffusers	Mechanical HVAC System Other Diffusers
M-HVAC-RDFF	M	HVAC	RDFF	Mechanical	HVAC System	Return Air Diffusers	Mechanical HVAC System Return Air Diffusers
M-HVAC-RETN	M	HVAC	RETN	Mechanical	HVAC System	Return Ductwork	Mechanical HVAC System Return Ductwork
M-HVAC-SDFF	M	HVAC	SDFF	Mechanical	HVAC System	Supply Diffusers	Mechanical HVAC System Supply Diffusers
M-HVAC-SUPP	M	HVAC	SUPP	Mechanical	HVAC System	Supply Ductwork	Mechanical HVAC System Supply Ductwork
M-HWTR	M	HWTR		Mechanical	Hot Water Heating System		Mechanical Hot Water Heating System
M-HWTR-EQPM	M	HWTR	EQPM	Mechanical	Hot Water Heating System	Equipment	Mechanical Hot Water Heating System Equipment
M-HWTR-PIPE	M	HWTR	PIPE	Mechanical	Hot Water Heating System	Piping	Mechanical Hot Water Heating System Piping
M-HYDR	M	HYDR		Mechanical	Hydraulic System		Mechanical Hydraulic System
M-HYDR-EQPM	M	HYDR	EQPM	Mechanical	Hydraulic System	Equipment	Mechanical Hydraulic System Equipment
M-HYDR-RPIP	M	HYDR	RPIP	Mechanical	Hydraulic System	Returning Piping	Mechanical Hydraulic System Returning Piping
M-HYDR-SPIP	M	HYDR	SPIP	Mechanical	Hydraulic System	Supply Piping	Mechanical Hydraulic System Supply Piping
M-INEX	M	INEX		Mechanical	Industrial Exhaust System		Mechanical Industrial Exhaust System
M-INEX-CDFF	M	INEX	CDFF	Mechanical	Industrial Exhaust System	Ceiling Diffusers	Mechanical Industrial Exhaust System Ceiling Diffusers
M-INEX-DUCT	M	INEX	DUCT	Mechanical	Industrial Exhaust System	Ductwork	Mechanical Industrial Exhaust System Ductwork
M-INEX-EQPM	M	INEX	EQPM	Mechanical	Industrial Exhaust System	Equipment	Mechanical Industrial Exhaust System Equipment
M-INSL	M	INSL		Mechanical	Insulation Oil System		Mechanical Insulation Oil System
M-INSL-EQPM	M	INSL	EQPM	Mechanical	Insulation Oil System	Equipment	Mechanical Insulation Oil System Equipment
M-INSL-RPIP	M	INSL	RPIP	Mechanical	Insulation Oil System	Return Piping	Mechanical Insulation Oil System Return Piping
M-INSL-SPIP	M	INSL	SPIP	Mechanical	Insulation Oil System	Supply Piping	Mechanical Insulation Oil System Supply Piping
M-LGAS	M	LGAS		Mechanical	Laboratory Gas Systems	Laboratory Gas Systems	Mechanical Laboratory Gas Systems
M-LGAS-EQPM	M	LGAS	EQPM	Mechanical	Laboratory Gas Systems	Equipment	Mechanical Laboratory Gas Systems Equipment
M-LGAS-PIPE	M	LGAS	PIPE	Mechanical	Laboratory Gas Systems	Piping	Mechanical Laboratory Gas Systems Piping
M-LUBE	M	LUBE		Mechanical	Lubrication Oil System		Mechanical Lubrication Oil System
M-LUBE-EQPM	M	LUBE	EQPM	Mechanical	Lubrication Oil System	Equipment	Mechanical Lubrication Oil System Equipment
M-LUBE-RPIP	M	LUBE	RPIP	Mechanical	Lubrication Oil System	Return Piping	Mechanical Lubrication Oil System Return Piping
M-LUBE-SPIP	M	LUBE	SPIP	Mechanical	Lubrication Oil System	Supply Piping	Mechanical Lubrication Oil System Supply Piping
M-MACH	M	MACH		Mechanical	Machine Shop Equipment		Mechanical Machine Shop Equipment
M-MACH-BASE	M	MACH	BASE	Mechanical	Machine Shop Equipment	Machinery Bases	Mechanical Machine Shop Equipment Machinery Bases
M-MACH-COMP	M	MACH	COMP	Mechanical	Machine Shop Equipment	Miscellaneous Machinery Components	Mechanical Machine Shop Equipment Machinery Components
M-MACH-EXST	M	MACH	EXST	Mechanical	Machine Shop Equipment	Existing Machinery	Mechanical Machine Shop Equipment Existing Machinery
M-MACH-FAST	M	MACH	FAST	Mechanical	Machine Shop Equipment	Fasteners Nuts & Bolts	Mechanical Machine Shop Equipment Fasteners
M-MACH-LROT	M	MACH	LROT	Mechanical	Machine Shop Equipment	Large Rotating Machinery	Mechanical Machine Shop Equipment Rotating Machinery
M-MACH-MOTR	M	MACH	MOTR	Mechanical	Machine Shop Equipment	Machinery Motors	Mechanical Machine Shop Equipment Machinery Motors
M-MATL	M	MATL		Mechanical	Machinery Transp & Lifting Equip		Mechanical Machinery Trans & Lifting Equip
M-MATL-CRAN	M	MATL	CRAN	Mechanical	Machinery Transp & Lifting Equip	Bridge Cranes, Monorails	Mechanical Machinery Trans & Lifting Equip
M-MATL-HOIS	M	MATL	HOIS	Mechanical	Machinery Transp & Lifting Equip	Hoist & Hooks	Mechanical Machinery Trans & Lifting Equip
M-MATL-LIEQ	M	MATL	LIEQ	Mechanical	Machinery Transportation & Lifting Equip	Misc Lifting Equipment	Mechanical Machinery Trans & Lifting Equip
M-MDGS	M	MDGS		Mechanical	Medical Gas Systems	Medical Gas Systems	Mechanical Medical Gas Systems
M-MDGS-EQPM	M	MDGS	EQPM	Mechanical	Medical Gas Systems	Equipment	Mechanical Medical Gas Systems Equipment
M-MDGS-PIPE	M	MDGS	PIPE	Mechanical	Medical Gas Systems	Piping	Mechanical Medical Gas Systems Piping

M-MKUP	M	MKUP		Mechanical	Makeup Air System		Mechanical Makeup Air System
M-MKUP-CDFF	M	MKUP	CDFF	Mechanical	Makeup Air System	Exhaust Makeup air Ceiling Diffusers	Mechanical Makeup Air System Exhaust Ceiling Diffusers
M-MKUP-DUCT	M	MKUP	DUCT	Mechanical	Makeup Air System	Ductwork	Mechanical Makeup Air System Ductwork
M-MKUP-EQPM	M	MKUP	EQPM	Mechanical	Makeup Air System	Equipment	Mechanical Makeup Air System Equipment
M-NGAS	M	NGAS		Mechanical	Natural Gas Piping	Natural Gas Piping	Mechanical Natural Gas Piping
M-NGAS-EQPM	M	NGAS	EQPM	Mechanical	Natural Gas Piping	Equipment	Mechanical Natural Gas Piping Equipment
M-NGAS-PIPE	M	NGAS	PIPE	Mechanical	Natural Gas Piping	Piping	Mechanical Natural Gas Piping Piping
M-PROC	M	PROC		Mechanical	Process Systems	Process Systems	Mechanical Process Systems
M-PROC-EQPM	M	PROC	EQPM	Mechanical	Process Systems	Equipment	Mechanical Process Systems Equipment
M-PROC-PIPE	M	PROC	PIPE	Mechanical	Process Systems	Piping	Mechanical Process Systems Piping
M-PROC-RPIP	M	PROC	RPIP	Mechanical	Process Systems	Return Piping	Mechanical Process System Return Piping
M-PROC-SPIP	M	PROC	SPIP	Mechanical	Process Systems	Supply Piping	Mechanical Process System Supply Piping
M-RCOV	M	RCOV		Mechanical	Energy Recovery	Energy Recovery	Mechanical Energy Recovery
M-RCOV-EQPM	M	RCOV	EQPM	Mechanical	Energy Recovery	Equipment	Mechanical Energy Recovery Equipment
M-RCOV-PIPE	M	RCOV	PIPE	Mechanical	Energy Recovery	Piping	Mechanical Energy Recovery Piping
M-REFG	M	REFG		Mechanical	Refrigeration Systems	Refrigeration Systems	Mechanical Refrigeration Systems
M-REFG-EQPM	M	REFG	EQPM	Mechanical	Refrigeration Systems	Equipment	Mechanical Refrigeration Systems Equipment
M-REFG-PIPE	M	REFG	PIPE	Mechanical	Refrigeration Systems	Piping	Mechanical Refrigeration Systems Piping
M-RWTR	M	RWTR		Mechanical	Raw Water Equipment		Mechanical Raw Water Equipment
M-RWTR-EQPM	M	RWTR	EQPM	Mechanical	Raw Water Equipment	Equipment	Mechanical Raw Water Equipment
M-RWTR-PIPE	M	RWTR	PIPE	Mechanical	Raw Water Equipment	Piping	Mechanical Raw Water Equipment Piping
M-SECT	M	SECT		Mechanical	Sections		Mechanical Sections
M-SECT-IDEN	M	SECT	IDEN	Mechanical	Sections	Component Identification Numbers	Mechanical Sections Component Identification Numbers
M-SECT-MBND	M	SECT	MBND	Mechanical	Sections	Material Beyond Section	Mechanical Sections Material Beyond Section
M-SECT-MCUT	M	SECT	MCUT	Mechanical	Sections	Material Cut By Section	Mechanical Sections Material Cut By Section
M-SECT-PATT	M	SECT	PATT	Mechanical	Sections	Textures & Hatch Patterns	Mechanical Section Texture & Hatch Patterns
M-SPCL	M	SPCL		Mechanical	Special Systems	Special Systems	Mechanical Special Systems
M-SPCL-EQPM	M	SPCL	EQPM	Mechanical	Special Systems	Equipment	Mechanical Special Systems Equipment
M-SPCL-PIPE	M	SPCL	PIPE	Mechanical	Special Systems	Piping	Mechanical Special Systems Piping
M-STDN	M	STDN		Mechanical	Station Drainage		Mechanical Station Drainage
M-STDN-EQPM	M	STDN	EQPM	Mechanical	Station Drainage	Equipment	Mechanical Station Drainage Equipment
M-STDN-PIPE	M	STDN	PIPE	Mechanical	Station Drainage	Piping	Mechanical Station Drainage Piping
M-STEM	M	STEM		Mechanical	Steam Systems	Steam Systems	Mechanical Steam Systems
M-STEM-CONP	M	STEM		Mechanical	Steam Systems	Condensate Piping	Mechanical Steam Systems Condensate Piping
M-STEM-EQPM	M	STEM		Mechanical	Steam Systems	Equipment	Mechanical Steam System Equipment
M-STEM-HPIP	M	STEM		Mechanical	Steam Systems	High Pressure Piping	Mechanical Steam System High Pressure Piping
M-STEM-LPIP	M	STEM		Mechanical	Steam Systems	Low Pressure piping	Mechanical Steam System Low Pressure Piping
M-STEM-MPIP	M	STEM		Mechanical	Steam Systems	Medium Pressure piping	Mechanical Medium Pressure Piping
M-TEST	M	TEST		Mechanical	Test Equipment		Mechanical Test Equipment
	P						
P-ACID	P	ACID		Plumbing	Acid Alkaline Oil Waste System		Plumbing Acid Alkaline Oil Waste System
P-ACID-PIPE	P	ACID	PIPE	Plumbing	Acid Alkaline Oil Waste System	Piping	Plumbing Acid Alkaline Oil Waste System Piping
P-ANNO	P	ANNO		Plumbing	Annotation		Plumbing Annotations
P-ANNO-DIMS	P	ANNO	DIMS	Plumbing	Annotation	Dimensions	Plumbing Dimensions
P-ANNO-KEYN	P	ANNO	KEYN	Plumbing	Annotation	Key Notes	Plumbing Key Notes
P-ANNO-LEGN	P	ANNO	LEGN	Plumbing	Annotation	Legends and Schedules	Plumbing Legends
P-ANNO-NOTE	P	ANNO	NOTE	Plumbing	Annotation	Notes	Plumbing Notes
P-ANNO-NPLT	P	ANNO	NPLT	Plumbing	Annotation	No Plot Lines	Plumbing No Plot Lines
P-ANNO-REDL	P	ANNO	REDL	Plumbing	Annotation	Redlines	Plumbing Redlines
P-ANNO-REVS	P	ANNO	REVS	Plumbing	Annotation	Revisions	Plumbing Revisions
P-ANNO-SYMB	P	ANNO	SYMB	Plumbing	Annotation	Symbols	Plumbing Symbols
P-ANNO-TEXT	P	ANNO	TEXT	Plumbing	Annotation	Text	Plumbing Text
P-ANNO-TTLB	P	ANNO	TTLB	Plumbing	Annotation	Title Block	Plumbing Title Block
P-DOMW	P	DOMW		Plumbing	Domestic Hot & Cold Water System		Plumbing Domestic Hot & Cold Water System
P-DOMW-CPIP	P	DOMW	CPIP	Plumbing	Domestic Hot & Cold Water System	Domestic Cold Water Piping	Plumbing Domestic Cold Water Piping
P-DOMW-EQPM	P	DOMW	EQPM	Plumbing	Domestic Hot & Cold Water System	Equipment	Plumbing Domestic Hot & Cold Water System Equipment
P-DOMW-FPIP	P	DOMW	FPIP	Plumbing	Domestic Hot & Cold Water System	Filtered Water Piping	Plumbing Domestic Hot & Cold Water Filtered Water Piping
P-DOMW-HPIP	P	DOMW	HPIP	Plumbing	Domestic Hot & Cold Water System	Domestic Hot Water Piping	Plumbing Domestic Hot Water Piping
P-DOMW-RISR	P	DOMW	RISR	Plumbing	Domestic Hot & Cold Water System	Hot & Cold Water Risers	Plumbing Domestic Hot & Cold Water Risers
P-EQPM	P	EQPM		Plumbing	Equipment		Plumbing Equipment
P-FIXT	P	FIXT		Plumbing	Fixtures		Plumbing Fixtures
P-SANR	P	SANR		Plumbing	Sanitary Drainage		Plumbing Sanitary Drainage
P-SANR-EQPM	P	SANR	EQPM	Plumbing	Sanitary Drainage	Equipment	Plumbing Sanitary Drainage Equipment
P-SANR-FIXT	P	SANR	FIXT	Plumbing	Sanitary Drainage	Fixtures	Plumbing Sanitary Drainage Fixtures

P-SANR-FLDR	P	SANR	FLDR	Plumbing	Sanitary Drainage	Floor Drains & Cleanouts	Plumbing Sanitary Drainage Floor Drains
P-SANR-PIPE	P	SANR	PIPE	Plumbing	Sanitary Drainage	Piping	Plumbing Sanitary Drainage Piping
P-SANR-RISR	P	SANR	RISR	Plumbing	Sanitary Drainage	Risers	Plumbing Sanitary Drainage Risers
P-SANR-VENT	P	SANR	VENT	Plumbing	Sanitary Drainage	Vent Piping	Plumbing Sanitary Drainage Vent Piping
P-STRM	P	STRM		Plumbing	Storm Drainage System		Plumbing Storm Drainage System
P-STRM-PIPE	P	STRM	PIPE	Plumbing	Storm Drainage System	Piping	Plumbing Storm Drainage System Piping
P-STRM-RFDR	P	STRM	RFDR	Plumbing	Storm Drainage System	Roof Drains	Plumbing Storm Drainage System Roof Drains
P-STRM-RISR	P	STRM	RISR	Plumbing	Storm Drainage System	Storm Drain Risers	Plumbing Storm Drainage System Risers
P-STRM-RPIP	P	STRM	RPIP	Plumbing	Storm Drainage System	Roof Drain Piping	Plumbing Storm Drainage System Roof Piping
	Q						
Q-ANNO	Q	ANNO					
Q-ANNO-DIMS	Q	ANNO					
Q-ANNO-KEYN	Q	ANNO					
Q-ANNO-LEGN	Q	ANNO					
Q-ANNO-NOTE	Q	ANNO					
Q-ANNO-NPLT	Q	ANNO					
Q-ANNO-REDL	Q	ANNO					
Q-ANNO-REVS	Q	ANNO					
Q-ANNO-SYMB	Q	ANNO					
Q-ANNO-TEXT	Q	ANNO					
Q-ANNO-TTLB	Q	ANNO					
Q-OTLN	Q	OTLN					
Q-PIPE	Q	PIPE					
Q-POWR	Q	POWR					
	R						
R-****-ANNO	R	****					
R-****-DETL	R	****					
R-****-OTLN	R	****					
R-****-PATT	R	****					
R-ANNO	R	ANNO					
R-ANNO-DIMS	R	ANNO					
R-ANNO-KEYN	R	ANNO					
R-ANNO-LEGN	R	ANNO					
R-ANNO-NOTE	R	ANNO					
R-ANNO-NPLT	R	ANNO					
R-ANNO-REDL	R	ANNO					
R-ANNO-REVS	R	ANNO					
R-ANNO-SYMB	R	ANNO					
R-ANNO-TEXT	R	ANNO					
R-ANNO-TTLB	R	ANNO					
	S						
S-ABLT	S	ABLT		Structural	Anchor Bolts		Structural Anchor Bolts
S-ANNO	S	ANNO		Structural	Annotation		Structural Annotations
S-ANNO-DIMS	S	ANNO	DIMS	Structural	Annotation	Dimentions	Structural Annotations Dimensions
S-ANNO-KEYN	S	ANNO	KEYN	Structural	Annotation	Key Notes	Structural Annotations Key Notes
S-ANNO-LEGN	S	ANNO	LEGN	Structural	Annotation	Legends and Schedules	Structural Annotations Legends
S-ANNO-NOTE	S	ANNO	NOTE	Structural	Annotation	Notes	Structural Annotations Notes
S-ANNO-NPLT	S	ANNO	NPLT	Structural	Annotation	No Plot Lines	Structural Annotations No Plot Lines
S-ANNO-REDL	S	ANNO	REDL	Structural	Annotation	Redlines	Structural Annotations Redlines
S-ANNO-REVS	S	ANNO	REVS	Structural	Annotation	Revisions	Structural Annotations Revisions
S-ANNO-SYMB	S	ANNO	SYMB	Structural	Annotation	Symbols	Structural Annotations Symbols
S-ANNO-TEXT	S	ANNO	TEXT	Structural	Annotation	Text	Structural Annotations Text
S-ANNO-TTLB	S	ANNO	TTLB	Structural	Annotation	Title Block	Structural Annotations Title Block
S-BEAM	S	BEAM		Structural	Beams		Structural Beams
S-BEAM-CNTR	S	BEAM	CNTR	Structural	Beams	Center Lines	Structural Beams Center Lines
S-BEAM-PRIM	S	BEAM	PRIM	Structural	Beams	Primary Beams, Girders	Structural Primary Beams
S-BEAM-SCND	S	BEAM	SCND	Structural	Beams	Secondary Beam	Structural Secondary Beams
S-BRAC	S	BRAC		Structural	Bracing System		Structural Bracing System
S-BRAC-LATL	S	BRAC	LATL	Structural	Bracing System	Lateral Bracing	Structural Bracing System Lateral Bracing
S-BRAC-SHEA	S	BRAC	SHEA	Structural	Bracing System	Shear Walls	Structural Bracing System Shear Walls
S-BRAC-VERT	S	BRAC	VERT	Structural	Bracing System	Vertical Bracing	Structural Bracing System Vertical Bracing
S-COLS	S	COLS		Structural	Columns		Structural Columns
S-COLS-CNTR	S	COLS	CNTR	Structural	Columns	Center Lines	Structural Columns Center Lines
S-COLS-PRIM	S	COLS	PRIM	Structural	Columns	Primary Columns	Structural Primary Columns
S-COLS-SCND	S	COLS	SCND	Structural	Columns	Seconsary Columns	Structural Secondary Columns

S-DECK	S	DECK		Structural	Decks		Structural Decks
S-DECK-OPEN	S	DECK	OPEN	Structural	Decks	Openings & Penetrations	Structural Decks Openings & Penetrations
S-DECK-ROOF	S	DECK	ROOF	Structural	Decks	Roof Decks	Structural Roof Decks
S-DETL	S	DETL		Structural	Details		Structural Details
S-DETL-CMUW	S	DETL	CMUW	Structural	Details	CMU Outline	Structural Details CMU Walls
S-DETL-CONC	S	DETL	CONC	Structural	Details	Concrete Outline	Structural Details Concrete Outlines
S-DETL-FNGR	S	DETL	FNGR	Structural	Details	Finished Grade	Structural Details Finished Grade
S-DETL-GENF	S	DETL	GENF	Structural	Details	General Features	Structural Details General Features
S-DETL-MISC	S	DETL	MISC	Structural	Details	Miscellaneous	Structural Details Miscellaneous
S-DETL-REIN	S	DETL	REIN	Structural	Details	Rebar, Welded Wire Mesh	Structural Details Rebar, Wire Mesh
S-DETL-STLS	S	DETL	STLS	Structural	Details	Steel Details	Structural Steel Details
S-DETL-WELD	S	DETL	WELD	Structural	Details	Weld Symbols	Structural Details Weld Symbols
S-DETL-WOOD	S	DETL	WOOD	Structural	Details	Wood Outline	Structural Wood Details
S-ELEV	S	ELEV		Structural	Elevations		Structural Elevations
S-ELEV-IDEN	S	ELEV	IDEN	Structural	Elevations	Component Identification Numbers	Structural Elevations Component Identification Numbers
S-ELEV-OTLN	S	ELEV	OTLN	Structural	Elevations	Building Outline	Structural Elevations Building Outline
S-ELEV-PATT	S	ELEV	PATT	Structural	Elevations	Textures & Hatch Patterns	Structural Elevations Textures & Hatch Patterns
S-ELEV-SIGN	S	ELEV	SIGN	Structural	Elevations	Signage	Structural Elevations Signage
S-EVTR-FRAM	S	EVTR	FRAM	Structural	Elevator	Elevator Framing	Structural Elevator Framing
S-FNDN	S	FNDN		Structural	Foundation		Structural Foundation
S-FNDN-FTNG	S	FNDN	FTNG	Structural	Foundation	Footings	Structural Foundation Footings
S-FNDN-GRBM	S	FNDN	GRBM	Structural	Foundation	Grade Beams	Structural Foundation Grade Beams
S-FNDN-IDEN	S	FNDN	IDEN	Structural	Foundation	Component Identification Numbers	Structural Foundation Component Identification Number
S-FNDN-PILE	S	FNDN	PILE	Structural	Foundation	Piles, Piers, Caisson Piers	Structural Foundation Piles, Caissons
S-FNDN-RBAR	S	FNDN	RBAR	Structural	Foundation	Foundation Reinforcing	Structural Foundation Reinforcing
S-GRAD	S	GRAD		Structural	Grading		Structural Grading
S-GRAD-ELEV	S	GRAD	ELEV	Structural	Grading	Elevated Grading	Structural Elevated Grading
S-GRAD-FLOR	S	GRAD	FLOR	Structural	Grading	Floor Grading	Structural Grading Floor Grading
S-GRAT	S	GRAT		Structural	Grating		Structural Grating
S-GRAT-ELEV	S	GRAT	ELEV	Structural	Grating	Elevated Grating	Structural Elevated Grating
S-GRAT-FLOR	S	GRAT	FLOR	Structural	Grating	Floor Grating	Structural Floor Grating
S-GRID	S	GRID		Structural	Column grid		Structural Column Grid
S-GRID-DIMS	S	GRID	DIMS	Structural	Column grid	Dimensions	Structural Column Grid Dimensions
S-GRID-EXTR	S	GRID	EXTR	Structural	Column grid	Exterior	Structural Column Grid Exterior
S-GRID-IDEN	S	GRID	IDEN	Structural	Column grid	Tags	Structural Column Grid Tags
S-GRID-INTR	S	GRID	INTR	Structural	Column grid	Interior	Structural Column Grid Interior
S-JOIN	S	JOIN		Structural	Joint System		Structural Joint System
S-JOIN-CNST	S	JOIN	CNST	Structural	Joint System	Construction Joints	Structural Construction Joints
S-JOIN-CTRL	S	JOIN	CTRL	Structural	Joint System	Control Joints	Structural Control Joints
S-JOIS	S	JOIS		Structural	Joist System		Structural Joist System
S-JOIS-BRDG	S	JOIS	BRDG	Structural	Joist System	Bridging	Structural Joist System Bridging
S-JOIS-PRIM	S	JOIS	PRIM	Structural	Joist System	Primary Joists	Structural Joist System Primary Joists
S-JOIS-SCND	S	JOIS	SCND	Structural	Joist System	Secondary Joists	Structural Joist System Secondary Joists
S-METL	S	METL			Misc. metal	Misc. Metal	Structural Misc. metal
S-SECT	S	SECT		Structural	Sections		Structural Sections
S-SECT-IDEN	S	SECT	IDEN	Structural	Sections	Component Identification Numbers	Structural Sections Component Identification Numbers
S-SECT-MBND	S	SECT	MBND	Structural	Sections	Material Beyond Section Cut	Structural Sections Beyond Section Cut
S-SECT-MCUT	S	SECT	MCUT	Structural	Sections	Material Cut By Section	Structural Section Material Cut By Section
S-SECT-PATT	S	SECT	PATT	Structural	Sections	Textures & Hatch Patterns	Structural Sections Texture & Hatch Patterns
S-SLAB	S	SLAB		Structural	Slab		Structural Slab
S-SLAB-EDGE	S	SLAB	EDGE	Structural	Slab	Edge	Structural Slab Edge
S-SLAB-JOIN	S	SLAB	JOIN	Structural	Slab	Control Joints	Structural Slab Control Joints
S-SLAB-RBAR	S	SLAB	RBAR	Structural	Slab	Reinforcing	Structural Slab Reinforcing
S-SLAB-MISC	S	SLAB	MISC	Structural	Slab	Miscellaneous	Structural Slab Miscellaneous
S-STRS	S	STRS		Structural	Stairs		Structural Stair Foundation
S-STRS-JOIN	S	STRS	JOIN	Structural	Stairs	Control Joints	Structural Stair Foundation Control Joints
S-STRS-LADD	S	STRS	LADD	Structural	Stairs	Ladders, Safety Guards	Structural Stair Ladders
S-STRS-RBAR	S	STRS	RBAR	Structural	Stairs	Stairs Reinforcing	Structural Stairs Reinforcing
S-TRUS-UNIT	S	TRUS	UNIT	Structural	Trusses		Structural Trusses
S-WALL	S	WALL		Structural	Structural Bearing or Shear Walls		Structural Bearing or Shear Walls
S-WALL-CONC	S	WALL	CONC	Structural	Structural Bearing or Shear Walls	Concrete Walls	Structural Concrete Walls
S-WALL-LOAD	S	WALL	LOAD	Structural	Structural Bearing or Shear Walls	Load Bearing CMU Walls	Structural Load Bearing CMU Walls

S-WALL-NONL	S	WALL	NONL	Structural	Structural Bearing or Shear Walls	Non-Load Bearing CMU Walls	Structural Non-Load Bearing CMU Walls
S-WALL-PCST	S	WALL	PCST	Structural	Structural Bearing or Shear Walls	Precast Walls	Structural Precast Walls
S-WALL-STUD	S	WALL	STUD	Structural	Structural Bearing or Shear Walls	Steel Stud Walls	Structural Steel Stud Walls
S-WELD-SYMB	S	WELD	SYMB	Structural	Welding	Welding Symbols	Structural Welding Symbols
	T			Telecommunication		Telecommunication	Telecommunication
T-ALRM	T	ALRM		Telecommunication	Alarm System		Telecommunication Alarm System
T-ALRM-IDEN	T	ALRM	IDEN	Telecommunication	Alarm System	Identifier Tags	Telecommunication Alarm System Identifier Tags
T-ALRM-SYST	T	ALRM	SYST	Telecommunication	Alarm System	Miscellaneous	Telecommunication Alarm System Miscellaneous
T-ANNO	T	ANNO		Telecommunication	Annotation		Telecommunication Annotation
T-ANNO-DIMS	T	ANNO	DIMS	Telecommunication	Annotation	Dimensions	Telecommunication Annotation Dimensions
T-ANNO-KEYN	T	ANNO	KEYN	Telecommunication	Annotation	Key Notes	Telecommunication Annotation Key Notes
T-ANNO-LEGN	T	ANNO	LEGN	Telecommunication	Annotation	Legends and Schedules	Telecommunication Annotation Legends and Schedules
T-ANNO-NOTE	T	ANNO	NOTE	Telecommunication	Annotation	Notes	Telecommunication Annotation Notes
T-ANNO-NPLT	T	ANNO	NPLT	Telecommunication	Annotation	Construction Lines	Telecommunication Annotation Construction Lines
T-ANNO-REDL	T	ANNO	REDL	Telecommunication	Annotation	Redline	Telecommunication Annotation Redline
T-ANNO-REVS	T	ANNO	REVS	Telecommunication	Annotation	Revisions	Telecommunication Annotation Revisions
T-ANNO-SYMB	T	ANNO	SYMB	Telecommunication	Annotation	Symbols	Telecommunication Annotation Symbols
T-ANNO-TEXT	T	ANNO	TEXT	Telecommunication	Annotation	Text	Telecommunication Annotation Text
T-ANNO-TTLB	T	ANNO	TTLB	Telecommunication	Annotation	Border and Title Block	Telecommunication Annotation Border and Title Block
T-BELL	T	BELL		Telecommunication	Bell System		Telecommunication Bell System
T-BELL-IDEN	T	BELL	IDEN	Telecommunication	Bell System	Identifier Tags	Telecommunication Bell System Identifier Tags
T-BELL-SYST	T	BELL	SYST	Telecommunication	Bell System	Symbols	Telecommunication Bell System Symbols
T-CABL	T	CABL		Telecommunication	Cable Plan		Telecommunication Cable Plan
T-CCTV	T	CCTV		Telecommunication	Closed-Circuit TV System		Telecommunication Closed-Circuit TV System
T-CCTV-TELV	T	CCTV	TELV	Telecommunication	Closed-Circuit TV System	Television System Symbols	Telecommunication Television System Symbols
T-CCTV-TVAN	T	CCTV	TVAN	Telecommunication	Closed-Circuit TV System	Television Antenna Symbols	Telecommunication Television Antenna Symbols
T-CLOK	T	CLOK		Telecommunication	Clock System		Telecommunication Clock System
T-CLOK-IDEN	T	CLOK	IDEN	Telecommunication	Clock System	Identifier Tags	Telecommunication Clock System Identifier Tags
T-CLOK-SYST	T	CLOK	SYST	Telecommunication	Clock System	Symbols	Telecommunication Clock System Symbols
T-COMM	T	COMM		Telecommunication	Communication System		Telecommunication Communication System
T-COMM-BRDB	T	COMM	BRDB	Telecommunication	Communication System	Broadband Cabling	Telecommunication Communication System Broadband Cabling
T-COMM-CABL	T	COMM	CABL	Telecommunication	Communication System	Cabling	Telecommunication Cabling
T-COMM-CALL	T	COMM	CALL	Telecommunication	Communication System	Call Boxes	Telecommunication Call Boxes
T-COMM-COAX	T	COMM	COAX	Telecommunication	Communication System	Coaxial Cabling	Telecommunication Coaxial Cabling
T-COMM-COND	T	COMM	COND	Telecommunication	Communication System	Conduits	Telecommunication Conduits
T-COMM-DEVC	T	COMM	DEVC	Telecommunication	Communication System	Devices	Telecommunication Devices
T-COMM-FIBR	T	COMM	FIBR	Telecommunication	Communication System	Fiber Optic Cabling	Telecommunication Fiber Optic Cabling
T-COMM-HNHL	T	COMM	HNHL	Telecommunication	Communication System	Handholes	Telecommunication Handholes
T-COMM-IDEN	T	COMM	IDEN	Telecommunication	Communication System	Cable Identifiers	Telecommunication Cable Identifiers
T-COMM-JBOX	T	COMM	JBOX	Telecommunication	Communication System	Junction Boxes	Telecommunication Junction Boxes
T-COMM-MULT	T	COMM	MULT	Telecommunication	Communication System	Multi-Conductor Cable	Telecommunication Multi-Conductor Cable
T-COMM-PEDS	T	COMM	PEDS	Telecommunication	Communication System	Pedestals	Telecommunication Pedestals
T-COMM-POLE	T	COMM	POLE	Telecommunication	Communication System	Poles	Telecommunication Poles
T-COMM-TERM	T	COMM	TERM	Telecommunication	Communication System	Terminals	Telecommunication Terminals
T-COMM-TRAY	T	COMM	TRAY	Telecommunication	Communication System	Cable Tray	Telecommunication Cable Trays
T-COMM-VOIC	T	COMM	VOIC	Telecommunication	Communication System	Voice Cabling	Telecommunication Voice Cabling
T-DATA	T	DATA		Telecommunication	Data/LAN System		Telecommunication Data/LAN System
T-DATA-IDEN	T	DATA	IDEN	Telecommunication	Data/LAN System	Identifier Tags	Telecommunication Data/LAN System Identifier Tags
T-DATA-SYST	T	DATA	SYST	Telecommunication	Data/LAN System	Symbols	Telecommunication Data/LAN System Symbols
T-DIAG	T	DIAG		Telecommunication	Diagram		Telecommunication Diagram
T-DICT	T	DICT		Telecommunication	Central Dictation System		Telecommunication Central Dictation System
T-DICT-IDEN	T	DICT	IDEN	Telecommunication	Central Dictation System	Identifier Tags	Telecommunication Central Dictation System Identifier Tags
T-DICT-SYST	T	DICT	SYST	Telecommunication	Central Dictation System	Symbols	Telecommunication Central Dictation System Symbols
T-ELEC	T	ELEC		Telecommunication	Electrical Equipment		Telecommunication Electrical Equipment
T-ELEC-EQPM	T	ELEC	EQPM	Telecommunication	Electrical Equipment	Physical Outline	Telecommunication Electrical Equipment Physical Outline
T-ELEC-IDEN	T	ELEC	IDEN	Telecommunication	Electrical Equipment	Identifier Tags	Telecommunication Electrical Equipment Identifier Tags
T-EMCS	T	EMCS		Telecommunication	Energy Monitoring Control System		Telecommunication Energy Monitoring Control System
T-EMCS-IDEN	T	EMCS	IDEN	Telecommunication	Energy Monitoring Control System	Identifier Tags	Telecommunication EMCS Identifier Tags
T-EMCS-SYST	T	EMCS	SYST	Telecommunication	Energy Monitoring Control System	Symbols	Telecommunication EMCS Symbols
T-EQPM	T	EQPM		Telecommunication	Equipment Plan		Telecommunication Equipment Plan
T-FIRE	T	FIRE		Telecommunication	Fire Alarm And Detection System		Telecommunication Fire Alarm System
T-FIRE-IDEN	T	FIRE	IDEN	Telecommunication	Fire Alarm And Detection System	Identifier Tags	Telecommunication Fire Alarm System Identifier Tags
T-FIRE-SYST	T	FIRE	SYST	Telecommunication	Fire Alarm And Detection System	Symbols	Telecommunication Fire Alarm System Symbols
T-INTC	T	INTC		Telecommunication	Intercom/PA System		Telecommunication Intercom/PA System

T-INTC-IDEN	T	INTC	IDEN	Telecommunication	Intercom/PA System	Identifier Tags	Telecommunication Intercom/PA System Identifier Tags
T-INTC-INPA	T	INTC	INPA	Telecommunication	Intercom/PA System	Symbols	Telecommunication Intercom/PA System Symbols
T-INTC-PGNG	T	INTC	PGNG	Telecommunication	Intercom/PA System	Paging Symbols	Telecommunication Intercom/PA System Paging Symbols
T-JACK	T	JACK		Telecommunication	Jacks	Jacks	Telecommunication Jacks
T-NURS	T	NURS		Telecommunication	Nurse Call System		Telecommunication Nurse Call System
T-NURS-IDEN	T	NURS	IDEN	Telecommunication	Nurse Call System	Identifier Tags	Telecommunication Nurse Call System Identifier Tags
T-NURS-SYST	T	NURS	SYST	Telecommunication	Nurse Call System	Symbols	Telecommunication Nurse Call System Symbols
T-PHON	T	PHON		Telecommunication	Telephone System		Telecommunication Telephone System
T-PHON-IDEN	T	PHON	IDEN	Telecommunication	Telephone System	Identifier Tags	Telecommunication Telephone System Identifier Tags
T-PHON-SYST	T	PHON	SYST	Telecommunication	Telephone System	Symbols	Telecommunication Telephone System Symbols
T-RISR	T	RISR		Telecommunication	Riser Linework		Telecommunication Riser Linework
T-SERT	T	SERT		Telecommunication	Security System		Telecommunication Security System
T-SERT-IDEN	T	SERT	IDEN	Telecommunication	Security System	Identifier Tags	Telecommunication Security System Identifier Tags
T-SERT-SYST	T	SERT	SYST	Telecommunication	Security System	Symbols	Telecommunication Security System Symbols
T-SOUN	T	SOUN		Telecommunication	Sound System		Telecommunication Sound System
T-SOUN-IDEN	T	SOUN	IDEN	Telecommunication	Sound System	Identifier Tags	Telecommunication Sound System Identifier Tags
T-SOUN-SYST	T	SOUN	SYST	Telecommunication	Sound System	Symbols	Telecommunication Sound System Symbols
	U			Utility			
U-CABL	U	CABL		Utility	Electrical Utility Lines/Cabling		Utility Electrical Lines
U-CABL-ABND	U	CABL	ABND	Utility	Electrical Utility Lines/Cabling	Abandoned Electrical Utility Lines	Utility Abandoned Electrical Lines
U-DOMW	U	DOMW		Utility	Domestic Water System		Utility Domestic Water System
U-DOMW-MAIN	U	DOMW	MAIN	Utility	Domestic Water System	Main Water Pipe	Utility Domestic Water System Main Pipe
U-DOMW-ABND	U	DOMW	ABND	Utility	Domestic Water System	Abandoned Piping	Utility Domestic Water System Abandoned Piping
U-DOMW-ANOD	U	DOMW	ANOD	Utility	Domestic Water System	Anode Testing Stations	Utility Domestic Water System Anode Testing Stations
U-DOMW-BOOS	U	DOMW	BOOS	Utility	Domestic Water System	Booster Station	Utility Domestic Water System Booster Station
U-DOMW-DEVC	U	DOMW	DEVC	Utility	Domestic Water System	Various Devices and Equipment	Utility Domestic Water System Various Devices
U-DOMW-FLOW	U	DOMW	FLOW	Utility	Domestic Water System	Flow Direction Arrows	Utility Domestic Water System Flow Arrows
U-DOMW-FTTG	U	DOMW	FTTG	Utility	Domestic Water System	Caps, Crosses, Tees	Utility Domestic Water System Caps, Crosses Tees
U-DOMW-JBOX	U	DOMW	JBOX	Utility	Domestic Water System	Junction Boxes and Manholes	Utility Domestic Water System Junction Boxes & Manholes
U-DOMW-IDEN	U	DOMW	IDEN	Utility	Domestic Water System	Identifier Tags	Utility Domestic Water System Identifiers Tags
U-DOMW-NPOT	U	DOMW	NPOT	Utility	Domestic Water System	Non-potable Water Piping	Utility Domestic Water System Non-potable Water Piping
U-DOMW-PUMP	U	DOMW	PUMP	Utility	Domestic Water System	Pumps Stations	Utility Domestic Water System Pumps Stations
U-DOMW-REDC	U	DOMW	REDC	Utility	Domestic Water System	Pressure Reducing Stations	Utility Domestic Water System Pressure Reducing Stations
U-DOMW-RSVR	U	DOMW	RSVR	Utility	Domestic Water System	Reservoirs	Utility Domestic Water System Reservoirs
U-DOMW-SERV	U	DOMW	SERV	Utility	Domestic Water System	Service Piping	Utility Domestic Water System Service Piping
U-DOMW-SORC	U	DOMW	SORC	Utility	Domestic Water System	Water Source	Utility Domestic Water System Water Source
U-DOMW-SPRL	U	DOMW	SPRL	Utility	Domestic Water System	Sprinkler Piping	Utility Domestic Water System Sprinkler Piping
U-DOMW-VENT	U	DOMW	VENT	Utility	Domestic Water System	Vent Pits	Utility Domestic Water System Vent Pits
U-DOMW-VLVE	U	DOMW	VLVE	Utility	Domestic Water System	Valves & Fittings	Utility Domestic Water System Valves & Fittings
U-FUEL	U	FUEL		Utility	Fuel Utilities System		Utility Fuel System
U-FUEL-ABND	U	FUEL	ABND	Utility	Fuel Utilities System	Abandoned Piping	Utility Fuel System Abandoned Piping
U-FUEL-ANOD	U	FUEL	ANOD	Utility	Fuel Utilities System	Anode Testing Stations	Utility Fuel System Anode Testing Station
U-FUEL-BOOS	U	FUEL	BOOS	Utility	Fuel Utilities System	Booster Station	Utility Fuel System Booster Station
U-FUEL-DEVC	U	FUEL	DEVC	Utility	Fuel Utilities System	Various Devices and Equipment	Utility Fuel System Various Devices & Equipment
U-FUEL-DEFL	U	FUEL	DEFL	Utility	Fuel Utilities System	Defueling Piping	Utility Fuel System Defueling Piping
U-FUEL-FLOW	U	FUEL	FLOW	Utility	Fuel Utilities System	Flow Direction Arrows	Utility Fuel System Flow Arrows
U-FUEL-FTTG	U	FUEL	FTTG	Utility	Fuel Utilities System	Caps, Crosses, Tees	Utility Fuel System Caps
U-FUEL-JBOX	U	FUEL	JBOX	Utility	Fuel Utilities System	Junction Boxes and Manholes	Utility Fuel System Junction Boxes & Manholes
U-FUEL-IDEN	U	FUEL	IDEN	Utility	Fuel Utilities System	Identifier Tags	Utility Fuel System Identifiers Tags
U-FUEL-MAIN	U	FUEL	MAIN	Utility	Fuel Utilities System	Main Fuel Piping	Utility Fuel System Main Piping
U-FUEL-PUMP	U	FUEL	PUMP	Utility	Fuel Utilities System	Pumps Stations	Utility Fuel System Pumps Stations
U-FUEL-SERV	U	FUEL	SERV	Utility	Fuel Utilities System	Service Piping	Utility Fuel System Service Piping
U-FUEL-VENT	U	FUEL	VENT	Utility	Fuel Utilities System	Vent Pits	Utility Fuel System Vent Pits
U-FUEL-VLVE	U	FUEL	VLVE	Utility	Fuel Utilities System	Valves & Fittings	Utility Fuel System Valves & Fittings
U-GASP	U	GASP		Utility	Gas Utilities		Utility Gas Utilities
U-GASP-ABND	U	GASP	ABND	Utility	Gas Utilities	Abandoned Piping	Utility Gas Utilities Abandoned Piping
U-GASP-ANOD	U	GASP	ANOD	Utility	Gas Utilities	Anode Testing Stations	Utility Gas Utilities Anode Testing Stations
U-GASP-BOOS	U	GASP	BOOS	Utility	Gas Utilities	Booster Station	Utility Gas Utilities Booster Stations
U-GASP-DEVC	U	GASP	DEVC	Utility	Gas Utilities	Various Devices and Equipment	Utility Gas Utilities Various Devices
U-GASP-FLOW	U	GASP	FLOW	Utility	Gas Utilities	Flow Direction Arrows	Utility Gas Utilities Flow Arrows



U-GASP-FTTG	U	GASP	FTTG	Utility	Gas Utilities	Caps, Crosses, Tees	Utility Gas Utilities Caps
U-GASP-JBOX	U	GASP	JBOX	Utility	Gas Utilities	Junction Boxes and Manholes	Utility Gas Utilities Junction Boxes & Manholes
U-GASP-IDEN	U	GASP	IDEN	Utility	Gas Utilities	Identifier Tags	Utility Gas Utilities Identifiers Tags
U-GASP-MAIN	U	GASP	MAIN	Utility	Gas Utilities	Main Piping	Utility Gas Main Piping
U-GASP-PUMP	U	GASP	PUMP	Utility	Gas Utilities	Pumps Stations	Utility Gas Pumps Stations
U-GASP-SERV	U	GASP	SERV	Utility	Gas Utilities	Service Piping	Utility Gas Utilities Services Piping
U-GASP-VENT	U	GASP	VENT	Utility	Gas Utilities	Vent Pits	Utility Gas Utilities Vent Pits
U-GASP-VLVD	U	GASP	VLVE	Utility	Gas Utilities	Valves & Fittings	Utility Gas Utilities Valves & Fittings
U-HTCW	U	HTCW		Utility	High Temperature/Chilled Water		Utility High Temperature/Chilled Water System
U-HTCW-ABND	U	HTCW	ABND	Utility	High Temperature/Chilled Water	Abandoned Piping	Utility High/Chilled Water System Abandoned Piping
U-HTCW-ANOD	U	HTCW	ANOD	Utility	High Temperature/Chilled Water	Anode Testing Stations	Utility High/Chilled Water System Anode Testing Station
U-HTCW-CHLL	U	HTCW	CHLL	Utility	High Temperature/Chilled Water	Main Chilled Water Piping	Utility High/Chilled Water System Main Chilled Water Piping
U-HTCW-CHLP	U	HTCW	CHLP	Utility	High Temperature/Chilled Water	Chilled Water Plant	Utility High/Chilled Water System Chilled Water Plant
U-HTCW-CHLS	U	HTCW	CHLS	Utility	High Temperature/Chilled Water	Chilled Water Service Piping	Utility High/Chilled Water System Chilled Service Piping
U-HTCW-DEVC	U	HTCW	DEVC	Utility	High Temperature/Chilled Water	Various Devices and Equipment	Utility High/Chilled Water System Various Devices
U-HTCW-FLOW	U	HTCW	FLOW	Utility	High Temperature/Chilled Water	Flow Direction Arrows	Utility High/Chilled Water System Flow Arrows
U-HTCW-FTTG	U	HTCW	FTTG	Utility	High Temperature/Chilled Water	Caps, Crosses, Tees	Utility High/Chilled Water System Caps
U-HTCW-HTPL	U	HTCW	HTPL	Utility	High Temperature/Chilled Water	Main High Temp Water Piping	Utility High/Chilled Water System Main High Temp Piping
U-HTCW-HTPP	U	HTCW	HTPP	Utility	High Temperature/Chilled Water	High Temp Water Plant	Utility High/Chilled Water System High Temp Water Plant
U-HTCW-HTPS	U	HTCW	HTPS	Utility	High Temperature/Chilled Water	High Temp Service Piping	Utility High/Chilled Water System High Temp Service Piping
U-HTCW-IDEN	U	HTCW	IDEN	Utility	High Temperature/Chilled Water	Identifier Tags	Utility High/Chilled Water System Identifiers Tags
U-HTCW-JBOX	U	HTCW	JBOX	Utility	High Temperature/Chilled Water	Junction Boxes	Utility High/Chilled Water System Junction Boxes
U-HTCW-LTPL	U	HTCW	LTPL	Utility	High Temperature/Chilled Water	Main Low Temp Water Piping	Utility High/Chilled Water System Main Low Temp Piping
U-HTCW-LTPS	U	HTCW	LTPS	Utility	High Temperature/Chilled Water	Low Temp Service Piping	Utility High/Chilled Water System Low Temp Service Piping
U-HTCW-PITS	U	HTCW	PITS	Utility	High Temperature/Chilled Water	Valve Pits	Utility High/Chilled Water System Valve Pits
U-HTCW-STML	U	HTCW	STML	Utility	High Temperature/Chilled Water	Main Steam Piping	Utility High/Chilled Water System Main Steam Piping
U-HTCW-STMS	U	HTCW	STMS	Utility	High Temperature/Chilled Water	Steam Service Piping	Utility High/Chilled Water System Steam Service Piping
U-LITE	U	LITE		Utility	Lights		Utility Lights
U-LITE-FLOD	U	LITE	FLOD	Utility	Lights	External Flood Lights	Utility Lights External Flood Lights
U-LITE-IDEN	U	LITE	IDEN	Utility	Lights	Identifier Tags	Utility Lights Identifiers Tags
U-LITE-POLE	U	LITE	POLE	Utility	Lights	Pole Mounted Lights	Utility Lights Pole Mounted Lights
U-LITE-STRT	U	LITE	STRT	Utility	Lights	Street Lights	Utility Lights Street Lights
U-SITE	U	SITE		Utility	Site Utility Systems		Utility Site Utility Systems
U-SITE-DEVC	U	SITE	DEVC	Utility	Site Utility Systems	Capacitors Voltage Regulators Generators Etc.	Utility Site Utility Systems Devices
U-SITE-DUCT	U	SITE	DUCT	Utility	Site Utility Systems	Ductbanks	Utility Site Utility Systems Ductbanks
U-SITE-JBOX	U	SITE	JBOX	Utility	Site Utility Systems	Junction Boxes, Pull Boxes	Utility Site Utility Systems Junction Boxes
U-SITE-SUBS	U	SITE	SUBS	Utility	Site Utility Systems	Substations	Utility Site Utility Systems Substations
U-SITE-SWCH	U	SITE	SWCH	Utility	Site Utility Systems	Switches	Utility Site Utility Systems Switches
U-SITE-TNLS	U	SITE	TNLS	Utility	Site Utility Systems	Tunnels	Utility Site Utility Systems Tunnels
U-SITE-TRAN	U	SITE	TRAN	Utility	Site Utility Systems	Transformers	Utility Site Utility Systems Transformers
U-SITE-VALT	U	SITE	VALT	Utility	Site Utility Systems	Vaults	Utility Site Utility Systems Vaults
U-SSWR	U	SSWR		Utility	Sanitary Sewer System		Utility Sanitary Sewer System
U-SSWR-MNHL	U	SSWR	MNHL	Utility	Sanitary Sewer System	Manholes	Utility Sanitary Sewer System Manholes
U-STRM	U	STRM		Utility	Storm Drainage System		Utility Storm Drainage System
U-STRM-CULV	U	STRM	CULV	Utility	Storm Drainage System	Culverts, Inlets, Drains	Utility Storm Drainage System Culverts, Inlets, Drains
U-STRM-CURB	U	STRM	CURB	Utility	Storm Drainage System	Storm Drain Inlets at Curb	Utility Storm Drainage System Inlets at Curb
U-STRM-DTCH	U	STRM	DTCH	Utility	Storm Drainage System	Ditches	Utility Storm Drainage System Ditches
U-STRM-HDWL	U	STRM	HDWL	Utility	Storm Drainage System	Headwalls	Utility Storm Drainage System Headwalls
U-STRM-MNHL	U	STRM	MNHL	Utility	Storm Drainage System	Manholes	Utility Storm Drainage System Manholes
U-STRM-POND	U	STRM	POND	Utility	Storm Drainage System	Ponds	Utility Storm Drainage System Ponds
U-STRM-EROS	U	STRM	EROS	Utility	Storm Drainage System	Erosion Control	Utility Storm Drainage System Erosion Control
U-STRM-UNDR	U	STRM	UNDR	Utility	Storm Drainage System	Storm Drainage Pipe Underground	Utility Storm Drainage System Underground Piping
U-TRAN	U	TRAN		Utility	Transformers		Utility Transformers
U-TRAN-POLE	U	TRAN	POLE	Utility	Transformers	Pole Mounted Transformers	Utility Pole Mounted Transformers
X-XXXX-DEMO	X	XXXX	DEMO		Layer Status Modifier	Demolition	Layer Status Modifier Demolition Layers
X-XXXX-EXST	X	XXXX	EXST		Layer Status Modifier	Existing	Layer Status Modifier Existing Layers
X-XXXX-FUTR	X	XXXX	FUTR		Layer Status Modifier	Future	Layer Status Modifier Future Layers
X-XXXX-MOVE	X	XXXX	MOVE		Layer Status Modifier	Items To Be Moved	Layer Status Modifier Moving Items Layers
X-XXXX-NEWW	X	XXXX	NEWW		Layer Status Modifier	New Work	Layer Status Modifier New Work Layers
X-XXXX-NICN	X	XXXX	NICN		Layer Status Modifier	Not In Contract	Layer Status Modifier Not In Contract Layers

X-XXXX-PHS#	X	XXXX	PHS#		Layer Status Modifier	Phase Number (Replace # with Number)	Layer Status Modifier Phase Layers
X-XXXX-RELO	X	XXXX	RELO		Layer Status Modifier	Relocated Items	Layer Status Modifier Relocated Items
X-XXXX-TEMP	X	XXXX	TEMP		Layer Status Modifier	Temporary Work	Layer Status Modifier Temporary Work
	X			Planning Layers or Non CAD Based Layers		Planning Layers or Non CAD Based Layers	Planning Layers or Non CAD Based Layers
X-BLDG	X	BLDG		Future Buildings	Future Buildings	Future Buildings	Future Buildings
X-BLDG-FUTR	X	BLDG		Future Buildings	Future Buildings	Future Buildings	Future Buildings
X-FIRE-ACCS-RO	X	FIRE		Fire Department Access Roads	Fire Department Access Roads	Fire Department Access Roads	Fire Department Access Roads
X-FIRE-LANE	X	FIRE		Fire Department Fire Lanes	Fire Department Fire Lanes	Fire Department Fire Lanes	Fire Department Fire Lanes
X-MNDR-PATH	X	MNDR		Proposed Development	Proposed Development	Proposed Development	Proposed Development
X-UCSD-NBHD	X	UCSD		UCSD Neighborhoods	UCSD Neighborhoods	UCSD Neighborhoods	UCSD Neighborhoods
X-UCSD-ACCS	X	UCSD		UCSD Accessible Paths	UCSD Accessible Paths	UCSD Accessible Paths	UCSD Accessible Paths (Non CAD Based Layers)
X-UCSD-PARK	X	UCSD		UCSD Parking Allocation	UCSD Parking Allocation	UCSD Parking Allocation	UCSD Parking Allocation (Non CAD Based Layers)
X-UCSD-SHTL	X	UCSD		UCSD Shuttle Routes	UCSD Shuttle Routes	UCSD Shuttle Routes	UCSD Shuttle Routes (Non CAD Based Layers)