

Examples: C- ALGN	Civil–Alignment
C- ROAD	Civil–Road
C- TOPO	Civil–Topography
C- WATER	Civil–Water
C- STRM	Civil–Stormwater

Field 3: The **Minor Group** is a mandatory, two-to-five-character field used to further define the Major Groups.

Examples: C-ALIGN- ANNO	Civil–Alignment–Annotation
C-ROAD- CNTR	Civil–Road–Center
C-TOPO- EXIST	Civil–Topographic–Existing
C-WATER- PIPE	Civil–Water–Pipe
C-STRM- ANNO	Civil–Stormwater–Annotation

Field 4: The first **Minor group / Status** is an optional field used to further define the Major Groups or to distinguish the status of the work or construction phase.

Examples: C-ALIGN-ANNO	Civil–Alignment–Annotation
C-ROAD-CNTR- PROP	Civil–Road–Center–Proposed
C-TOPO-EXIST- MJR	Civil–Topographic–Existing - Major
C-WATER-PIPE- DEMO	Civil–Water–Pipe–Demolition
C-STRM-ANNO- PLAN	Civil–Stormwater–Annotation–Plan view

Field 5: The second **Minor group / Status** is an optional field used to further define the Major Groups or to distinguish the status of the work or construction phase.

Examples: C-ALIGN-ANNO	Civil–Alignment–Annotation
C-ROAD-CNTR-PROP	Civil–Road–Center–Proposed
C-TOPO-EXIST-MJR	Civil–Topographic–Existing–Major
C-WATER-PIPE-DEMO	Civil–Water– Pipes –Demolition
C-STRM-ANNO-PLAN- PROP	Civil–Stormwater–Annotation–Plan–Proposed

6.4 Discipline Designations for Civil Drawings

The following is the computer-aided drafting layer naming convention used for Civil, Survey, Environmental, Topography and Utilities at the City. Drawings that consultants submit to the City must use and conform to these current CADD layering standards. If submittals do not conform to the City’s layering standards, the City can reject the submittals from the consultant. The consultant will be responsible for making necessary revisions to the materials to make them conform to the City’s layering standards.

Discipline

C	Civil
V	Survey
T	Traffic
Z & X	Reference layers

Major/Minor Groups (not an all inclusive list)

ALGN	Alignment
ANNO	Annotation
BRDG	Bridge features
BOC	Back of curb
CL	Center line
CNTR	Center
ELEC	Electric
FEAT	Feature
GAS	Gas utility line
GEN	General
GTR	Gutter line
MOUN	Monuments
PIPE	Pipe networks
PLAN	Plan views
PROF	Profile views
PTS	Points
RAIL	Railroad and trolley
ROAD	Road features – i.e. back of curb, edge of road, gutter flow line
ROW	Right-of-Way
SSWR	Sanitary sewer utilities
STRC	Structures (manholes, water valves, etc.)
STRM	Stormwater utilities
SWLK	Sidewalk
TELE	Telephone
TOPO	Topographic (surfaces, contour lines, etc.)
UTIL	Franchise utilities (gas, electric, cable, etc.)
WATER	Water utilities

Status

DEMO	Demolition
EXIST	Existing
PROP	Proposed

The consultant is to use his/her best judgment while also following these standards in naming layers to help identify and sort layers according to discipline and data provided.