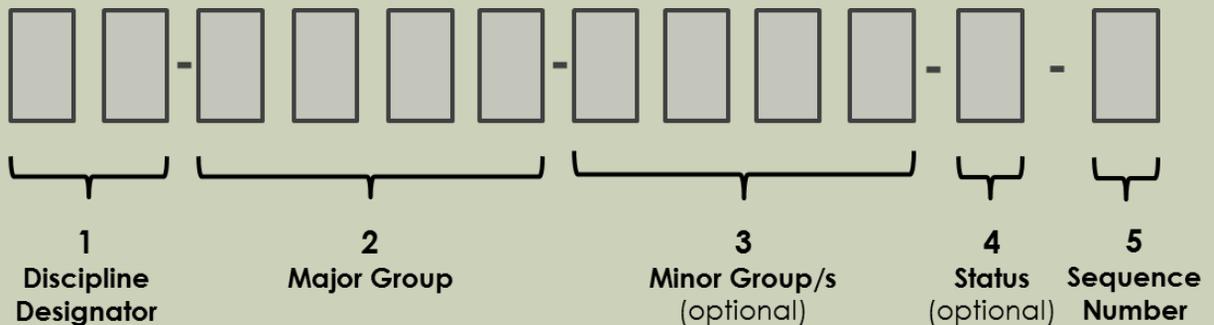


ePLAN REVIEW: NAMING YOUR DRAWING FILES USING U.S. NATIONAL CAD STANDARD



There are five data fields in a drawing file name, each separated by a dash:

- 1. Discipline Designator:** One-/two-character field noting category of subject for that specific layer (see pg. 3). There are two options to choose from:
 - Level 1– The more general, one-character designator description (ex: Architectural= “A”).
 - Level 2 – A more defined, two-character designator description (ex: Architectural Demolition= “AD”).
- 2. Major Group:** Four-character field identifying the major building system (see pg. 8).
- 3. Minor Group/s (optional):** Four-character fields further defining the building system (see pg. 14).
- 4. Status (optional):** One-character field noting the status of the work in the construction phase (pg. 30).
- 5. Sequence Number:** The plan set page number.

United States National CAD Standard Naming Conventions

3	DISCIPLINE DESIGNATORS
8	MAJOR GROUPS
14	MINOR GROUPS
30	STATUS

1. DISCIPLINE DESIGNATORS

Examples: A-WALL-FULL = **Architectural**, Wall, Full-height
 AD-CLNG-GRID = **Architectural Demolition** of Ceiling Grid
 EI-CLOK-CIRC = **Electrical Instrumentation** of Clock Circuits

Designator	Description
A	Architectural
AD	Architectural Demolition
AE	Architectural Elements
AF	Architectural Finishes
AG	Architectural Graphics
AI	Architectural Interiors
AJ	User Defined
AK	User Defined
AS	Architectural Site
B	Geotechnical
BJ	User Defined
BK	User Defined
C	Civil
CD	Civil Demolition
CG	Civil Grading
CI	Civil Improvements
CJ	User Defined
CK	User Defined
CP	Civil Paving
CS	Civil Site
CT	Civil Transportation
CU	Civil Utilities
D	Process
DA	Process Airs
DC	Process Chemicals
DD	Process Demolition
DE	Process Electrical
DG	Process Gases
DI	Process Instrumentation
DJ	User Defined

Designator	Description
DK	User Defined
DL	Process Liquids
DM	Process HPM Gases
DO	Process Oils
DP	Process Piping
DQ	Process Equipment
DR	Process Drains and Reclaims
DS	Process Site
DV	Process Vacuum
DW	Process Waters
DX	Process Exhaust
DY	Process Slurry
E	Electrical
ED	Electrical Demolition
EI	Electrical Instrumentation
EJ	User Defined
EK	User Defined
EL	Electrical Lighting
EP	Electrical Power
ES	Electrical Site
ET	Electrical Telecommunications
EY	Electrical Auxiliary Systems
F	Fire Protection
FA	Fire Detection and Alarm
FJ	User Defined
FK	User Defined
FX	Fire Suppression
G	General
GC	General Contractual
GI	General Information
GJ	User Defined
GK	User Defined
GR	General Resource
H	Hazardous Materials
HA	Hazardous Materials Asbestos
HC	Hazardous Materials Chemicals
HJ	User Defined

Designator	Description
HK	User Defined
HL	Hazardous Materials Lead
HP	Hazardous Materials PCB
HR	Hazardous Materials Refrigerants
I	Interior
ID	Interior Demolition
IF	Interior Furnishings
IG	Interior Graphics
IJ	User Defined
IK	User Defined
IN	Interior Design
L	Landscape
LD	Landscape Demolition
LG	Landscape Graphics
LI	Landscape Irrigation
LJ	User Defined
LK	User Defined
LL	Landscape Lighting
LP	Landscape Planting
LR	Landscape Relocation
LS	Landscape Site
M	Mechanical
MD	Mechanical Demolition
MH	Mechanical HVAC
MI	Mechanical Instrumentation
MJ	User Defined
MK	User Defined
MP	Mechanical Piping
MS	Mechanical Site
O	Operations
OJ	User Defined
OK	User Defined
P	Plumbing
PD	Plumbing Demolition
PJ	User Defined
PK	User Defined
PL	Plumbing

Designator	Description
PP	Plumbing Piping
PQ	Plumbing Equipment
PS	Plumbing Site
Q	Equipment
QA	Athletic Equipment
QB	Bank Equipment
QC	Dry Cleaning Equipment
QD	Detention Equipment
QE	Educational Equipment
QF	Food Service Equipment
QH	Hospital Equipment
QJ	User Defined
QK	User Defined
QL	Laboratory Equipment
QM	Maintenance Equipment
QP	Parking Lot Equipment
QR	Retail Equipment
QS	Site Equipment
QT	Theatrical Equipment
QV	Video / Photographic Equipment
QY	Security Equipment
R	Resource
RA	Resource Architectural
RC	Resource Civil
RE	Resource Electrical
RJ	User Defined
RK	User Defined
RM	Resource Mechanical
RR	Resource Real Estate
RS	Resource Structural
S	Structural
SB	Structural Substructure
SD	Structural Demolition
SF	Structural Framing
SJ	User Defined
SK	User Defined
SS	Structural Site

Designator	Description
T	Telecommunications
TA	Telecommunications Audio Visual
TC	Telecommunications Clock and Program
TI	Telecommunications Intercom
TJ	User Defined
TK	User Defined
TM	Telecommunications Monitoring
TN	Telecommunications Data Networks
TT	Telecommunications Telephone
TY	Telecommunications Security
V	Survey / Mapping
VA	Survey / Mapping Aerial
VC	Survey / Mapping Computed Points
VF	Survey / Mapping Field
VI	Survey / Mapping Digital
VJ	User Defined
VK	User Defined
VN	Survey / Mapping Node Points
VS	Survey / Mapping Staked Points
VU	Survey / Mapping Combined Utilities
W	Distributed Energy
WC	Distributed Energy Civil
WD	Distributed Energy Demolition
WI	Distributed Energy Interconnection
WJ	User Defined
WK	User Defined
WP	Distributed Energy Power
WS	Distributed Energy Structural
WT	Distributed Energy Telecommunications
WY	Distributed Energy Auxiliary Systems
X	Other Disciplines
XJ	User Defined
XK	User Defined
Z	Contractor / Shop Drawings
ZJ	User Defined
ZK	User Defined

2. MAJOR GROUPS

Examples: A-**WALL**-FULL = Architectural, **Wall**, Full-height
 AD-**CLNG**-GRID = Architectural Demolition of **Ceiling** Grid
 EI-**CLOK**-CIRC = Electrical Instrumentation of **Clock** Circuits

Layer Name	Description
ACCS	Access
ACID	Acid Water Systems
AERI	Aerial Survey
AFFF	Aqueous Film-Forming Foam System
AFLD	Airfields
AIR~	Air
ALGN	Alignment
ALRM	Alarm System
ANNO	Annotation
AREA	Area
AUXL	Auxiliary Systems
BARR	Barrier
BCST	Broadcast Related Systems (Radio or TV)
BEAM	Beams
BELL	Bell system
BLDG	Buildings and Primary Structures
BLIN	Baseline
BNDY	Political Boundaries
BORE	Borings
BRCG	Bracing
BRDG	Bridge
BRIN	Brine Systems
BRKL	Break / Fault Lines
BRLN	Building Restriction Line
BZNA	Buffer Zone Area
CABL	Cable Systems
CATH	Cathodic Protection System
CATV	Cable Television System
CCTV	Closed-Circuit Television System
CEME	Cemetery
CHAN	Navigable Channels
CHEM	Chemical

Designator	Description
CHIM	Chimneys and Stacks
CLNG	Ceiling
CLOK	Clock System
CMPA	Compressed / Processed Air Systems
CMPR	Computer
CNDW	Condenser Water Systems
CO2S	CO2 System
CODE	Code Compliance Plan
COLS	Columns
COMM	Communications
CONT	Controls and Instrumentation
CONV	Conveying Systems
CRPT	Carpet / Carpet Tiles
CSWK	Casework
CTRL	Control Points
CWTR	Chilled Water Systems
DATA	Data / LAN System
DECK	Deck
DETL	Detail
DFLD	Drain Fields
DIAG	Diagrams
DICT	Dictation System
DOMW	Domestic Water Systems
DOOR	Doors
DRAN	Drains
DRIV	Driveways
DTCH	Ditches or Washes
DUAL	Dual Temperature Systems
DUST	Dust and Fume Collection Systems
ELEC	Electrical System, Telecom Plan
ELEV	Elevation
ELHT	Electric Heat
EMCS	Energy Monitoring Control System
ENER	Energy Management Systems
EQPM	Equipment
EROS	Erosion and Sediment Control
ESMT	Easements

Designator	Description
EVAC	Evacuation Plan
EXHS	Exhaust System
FENC	Fences
FIRE	Fire Protection
FLHA	Flood Hazard Area
FLOR	Floor
FNDN	Foundation
FNSH	Finishes
FRAM	Braced Frame of Moment Frame
FSTN	Fasteners and Connections
FUEL	Fuel Systems
FUME	Fume Hood
FURN	Furnishings
GAS~	Gas
GATE	Gate
GLAZ	Glazing
GLYC	Glycol Systems
GRID	Grids
GRLN	Grade Line
GRND	Ground System
HALN	Halon
HWTR	Hot Water Heating System
HVAC	HVAC Systems
HYDR	Hydraulic Structure
IGAS	Inert Gas
INGR	Ingrants
INST	Instrumentation System
INTC	Intercom / PA Systems
IRRG	Irrigation
JNTS	Joints
JOIS	Joists
LAND	Land
LEGN	Legend, Symbols Keys
LEVE	Levee
LGAS	Laboratory Gas System
LIQD	Liquid
LITE	Lighting

Designator	Description
LNTL	Lintels
LOCN	Limits of Construction
LTNG	Lightning Protection System
MACH	Machine Shop
MAJQ	Major Equipment
MDGS	Medical Gas Systems
MILL	Millwork
MINQ	Minor Equipment
MKUP	Make-up Air Systems
MNTG	Mounting Systems
MPIP	Miscellaneous Piping Systems
NGAS	Natural Gas Systems
NODE	Node
NURS	Nurse Call System
OBST	Obstructions
OIL~	Oil
OTGR	Outgrants
PADS	Pads
PERC	Perc Testing
PGNG	Paging System
PHON	Telephone System
PIPE	Piping
PLAN	Key Plan (Floor Plan)
PLAT	Platform
PLNT	Plant and Landscape Material
POND	Ponds
POWR	Power
PRKG	Parking Lots
PROC	Process System
PROJ	Projector System
PROP	Property
PROT	Fire Protection System
PRTN	Partitions
PVMD	Photovoltaic Modules
PVMT	Pavement
RAIL	Railroad
RAIR	Relief Air System

Designator	Description
RCOV	Energy Recovery System
REFG	Refrigeration System
RIGG	Rigging / Automation System
RIVR	River
ROAD	Roadways
ROOF	Roof
RRAP	Riprap
RUNW	Runway
RWAY	Right-of-Way
SECT	Section
SERT	Security System
SGHT	Sight Distance
SIGN	Sign
SITE	Site Features
SLAB	Slab
SLUR	Slurry
SMOK	Smoke Extraction Systems
SOIL	Soils
SOUN	Sound System
SPCL	Special System
SPFX	Entertainment Special Effects System
SPKL	Sprinkler
SSWR	Sanitary Sewer
STEM	Steam System
STIF	Stiffener
STRM	Storm Sewer
STRS	Stairs
SURV	Survey
SWLK	Sidewalks
TEST	Test Equipment
TILE	Tile
TINN	Triangulated Irregular Network
TOPO	Topographic Feature
TRAL	Trails or Paths
TRAN	Transmission System
TRUS	Trusses
TVAN	Television Antenna System

Designator	Description
TVVS	Television and Video System
UNID	Unidentified Site Objects
UTIL	Utilities
VACU	Vacuum
VIDO	Entertainment Projection Systems
WALL	Walls
WATR	Water Supply
WEL	Wetlands
WIND	Wind Powered
WWAY	Waterway

3. MINOR GROUPS

Examples: A-WALL-FULL-TEXT = Architectural, Wall, **Full-height, Text**
 AD-CLNG-GRID = Architectural Demolition of Ceiling **Grid**
 EI-CLOK-CIRC = Electrical Instrumentation of Clock **Circuits**

Layer Name	Description
025Y	25-Year Mark
04FT	Four Feet High
050Y	50-Year Mark
06FT	Six Feet High
100Y	100-Year Mark
200Y	200-Year Mark
AA~~	Agitation Air-System
ABLT	Anchor Bolts
ABOV	Above
ABUT	Abutment
ACCS	Access
ACFU	Fused AC
ACTL	Aerial Horizontal and Vertical Control Points
ACNF	Unfused AC
AGGR	Exposed Aggregate
AIR~	Air
ALOC	Allocation
ALRM	Alarm
ALUM	Aluminum
AMEX	Ammonia Exhaust-System
AMW~	Ammonia Waste-System
ANNN	Optional Number (A= letter, NNN = number between 001 and 999)
ANNO	Annotation
ANOD	Sacrificial Anode
AR~~	Argon-System
ARB~	Argon Bulk-System
ARC~	Regenerative Caustic-System
AREX	Arsenic Exhaust-System
ASPH	Asphalt
BA~~	Breathable Air-System
BACK	Back

Layer Name	Description
BAFL	Baffle Block and Splash Pad
BARR	Barrier
BASN	Stilling and Settling Basin
BBAC	Battery Backup
BEDS	Perennial and Annual Beds
BENT	Top of Bent
BFW~	Boiler Feed Water-System
BKRS	Breakers
BLBD	Boiler Blow Down Piping
BLDG	Building Points
BLIN	Baseline
BMRK	Benchmarks
BNDY	Boundary
BOLD	Bold Lines
BORO	Borough
BOT1	Bottom Group 1
BOT2	Bottom Group 2
BOTB	Bottom of Bank
BOTM	Bottom
BOXD	Mixing Box, Dual Duct
BOXS	Mixing Box, Single Duct
BRCK	Brick
BRDG	Bridge
BRGX	Bridging
BRKL	Break Lines
BRNG	Bearings and Distance Labels
BROW	Brush Row Points
BRSH	Brush Points
BUOY	Buoy
BUSH	Bushes and Shrubs
BUSS	Bus Duct
BUSW	Busways
BUT~	Butane-system
BWTR	Breakwater
C~~~	Caustic-System
CA~~	Compressed Air-System
CABL	Cable

Layer Name	Description
CAIR	Compressed Air
CARS	Cars and Other Vehicles
CATV	Cable Television
CAVI	Cavity
CBOX	Combiner Box
CD~~	Condensate Drain-System
CDA~	Clean Dry Air-System
CDFF	Ceiling Diffusers
CHIM	Chimney
CIPR	Culvert Inlet Protection
CIRC	Circuits
CITY	City
CLAS	Classifications
CLDA	Cold Air
CLG~	Chlorine Vacuum-System
CLHD	Ceiling Heads
CLNG	Ceiling
CLV~	Chlorine Vacuum-System
CLW~	Concentrated Lead Waste-System
CMTL	Corrugated Metal
CMUW	Concrete Masonry Unit
CMW~	Concentrated Metals Waste-System
CNDS	Condensate Piping
CNDT	Diversionary / Bypass Conduit / Culvert
CNMB	Circuit Numbers
CNTE	Construction Entrance
CNTJ	Construction Joint
CNTR	Center
CNTY	County
COAX	Coax Cable
COFF	Coffer Dam
CONC	Concrete
CONI	Coniferous Trees
CONS	Conservation
CORP	Corporation
COVR	Coverage
CRIP	Cold Water Piping

Layer Name	Description
CRIT	Critical
CRKT	Crickets
CSTG	Construction / Grading
CSWK	Casework
CTLA	Controlled Access
CTLJ	Control Joint
CTNR	Container or Planter
CUPW	Copper Plating Waste-System
CURB	Curb
CURR	Impress Current
CURT	Curtain
CURV	Curve
CURW	Copper Slurry Waste-System
CV~~	Chemical Vacuum-System
DACL	De-Authorized Channel Limits, Anchorages, Etc.
DAM~	Dam
DASP	Description Attributes for Survey Points
DATA	Data
DCFU	Fused DC
DCNF	Unfused DC
DDIV	Drainage Divides
DECK	Deck
DEPR	Depression
DEV~	Developer-System
DEVC	Devices
DFEE	Disposed Fee
DIAG	Diagrams
DIMS	Dimensions
DIR~	De-Ionized Water Return-System
DIRC	DI Reclaim-System
DIS~	De-Ionized Water Supply-System
DISC	Discharge
DIWP	DI Polishing Loop-System
DLPH	Dolphin
DLW~	Dilute Waste-System
DMPR	Fire, Smoke, Volume Damper
DOCK	Decks, Docks, Floats, Piers

Layer Name	Description
DOOR	Equipment Doors
DRAN	Drainage Slope Indications
DRIP	Drip Irrigation Tubing
DRIV	Driveway Points
DRNS	Drains
DSCO	Disconnect Switches
DTCH	Ditches or Washes
DUCT	Ductwork
DVDK	Diversion Dike
DVDR	Thin Dividers
EASP	Elevation Attributes for Survey Points
EDGE	Edge
EDGR	Planting Bed Edger
EFAN	Equipment with Electric Fans
EG~~	Ethylene glycol-system
EGW~	Ethylene glycol waste-system
ELEC	Electrical
ELEV	Elevation
EMER	Emergency
ENCL	Equipment Enclosures
ENGR	Engineering Information
EPDU	Equipment with Piping, Ductwork, and Electricity
EPIP	Equipment with Piping and Electricity
EQPM	Equipment
EQUI	Equipotential
ERTH	Earth
ESMT	Easement
EV~~	Equipment Vacuum-System
EVGR	Evergreen Trees-Broadleaf
EVTR	Elevator Cars and Equipment
EWAT	Edge of Water
EXHS	Exhaust Air
EXIT	Exit
EXPJ	Expansion Joint
EXTI	Extinguishers
EXTR	Exterior
FACE	Face

Layer Name	Description
FALT	Fault / Break Lines
FDPL	Flood Plain
FDTA	Field Data
FEE~	Fee
FEED	Feeders
FENC	Fences
FEND	Fender
FIBR	Fiber Optics Cable
FILE	File Cabinets
FILL	Fill and Cover Material
FINE	Fine Lines
FIRE	Fire Protection
FISH	Fish Ladder / Passage
FIXD	Fixed
FIXT	Fixtures
FLDR	Floor Drains
FLLW	Flow
FLNE	Fire Lane
FLOR	Floor
FLOW	Flowline
FLPL	Flagpole
FLUM	Flume
FLYS	Fly Station
FNSH	Finishes
FORC	Force Main
FREE	Freestanding
FRMG	Framing
FTNG	Footings
FTPT	Area Footprints
FULL	Full-Height
FURN	Furnishings
FW~~	Fire Water-System
GAGE	Gauge
GCVR	Ground Cover
GENF	General Features
GGEP	Gas General Piping
GLAZ	Glazing

Layer Name	Description
GNDW	Ground Water
GPRP	Gas Process Piping
GRAL	Guard Rail
GRBM	Grade Beams
GRID	Grid
GRIL	Grilles
GRND	Ground
GRTG	Grating
GRVL	Gravel
H2~~	Hydrogen-System
H2O2	Hydrogen Peroxide-System
HCDA	High Pressure Clean Dry Air-System
HCL~	Hydrochloric Acid-System
HDIR	Hot DI Return-System
HDIS	Hot DI Supply-System
HDLN	Hidden Line
HDRC	Hot DI Reclaim-System
HE~~	Helium-System
HEAD	Door and Window Headers
HF~~	Hydrofluoric Acid-System
HFW~	Hydrofluoric Waste-System
HIDD	Objects or Lines Hidden From View
HOLE	Holes
HORZ	Horizontal
HOSE	Hoses
HOTA	Hot Air
HPDR	High pH DI Return-System
HPDS	High pH DI Supply-System
HPIP	Hot Water / High-Pressure Piping
HPN2	High Purity Nitrogen-System
HPO2	High Purity Oxygen-System
HRAL	Handrails / Guard Rails
HRDW	Hardware
HSSS	Hollow Structural Steel
HTCH	Hatch
HTEX	Heat Exhaust-System
HV~~	House Vacuum-System

Layer Name	Description
HVA~	Arsenic House Vacuum-System
HVAC	HVAC Systems
HVPT	Horizontal / Vertical
HWAL	Headwall
HYDT	Hydrants and Connections
IA~~	Instrumet Air-System
ICW~	Industrial City Water-System
IDEN	Identification Tags
INEG	Ingress / Egress
INPR	Inlet Protection
INST	Instrumentation
INTK	Intake
INTR	Interior
IPA~	Isopropyl Alcohol-System
IW~~	Industrial Waste-System
JACK	Jacks
JAMB	Door and Windows Jambs
JBOX	Junction Box
JNTC	Control Joint
JNTE	Expansion Joint
KEYN	Keynotes
LABL	Labels
LADD	Ladders and Ladder Assemblies
LATL	Lateral Line
LCHE	Leak Check Helium-System
LDTA	Laboratory Data
LEAS	Lease
LEGN	Legend, Symbol Keys
LEVL	Level Changes
LFEE	Disposed Less Than Fee
LICN	License
LIMI	Limit of Earthwork
LINE	Lines
LINK	Chain Link
LMTA	Limited Access
LO~~	Lube Oil-System
LOGO	Company Logo

Layer Name	Description
LONG	Longitudinal
LOWR	Lower
LPG~	Liquid Petroleum Gas-System
LPIP	Low-Pressure Piping
LQPG	Liquid Petroleum Gas
LSCP	Landscape
LTRL	Lateral Pipe
MAIN	Mainline
MAJR	Major
MARK	Markers, Break Marks, Leaders
MATC	Match Lines
MBND	Material Beyond Cut
MCUT	Material Cut by the View
MEDM	Medium Lines
MESH	Mesh or Wire
METL	Metal
MHOL	Mahole
MINR	Minor
MISC	Miscellaneous
MKUP	Make-Up Water
MLCH	Mulches-Organic and Inorganic
MNTG	Mounting System
MOOR	Mooring
MOVE	Moveable
MPIP	Medium-Pressure Piping
MRKG	Pavement Markings
MRKR	Marker
MSNW	Masonry
MULT	Multi-Conductor Cable
MVNG	Moving / Suspended
MW~~	Metals Waste-System
N2~~	Nitrogen-System
N2O~	Nitrous Oxide-System
NAID	Navigation Aids
NATL	National
NFEE	Non-Fee
NG~~	Natural Gas-System

Layer Name	Description
NGAS	Natural Gas Line
NITG	Nitrogen
NOTE	Notes
NOVR	Non-Overflow Structure
NOXG	Nitrous Oxide
NPLT	Non-Plotting Graphic Information
NPW~	Non-Potable Water-System
NPWR	Non-Potable Water Reuse-System
NSBR	Noise Barrier
O2~~	Oxygen-System
OA~~	Outside Air-System
OBJT	Objects
OCCP	Occupant or Employee Names
ODFF	Other Diffusers
OFA~	Oil-Free Air-System
OFST	Offset Zones
OGEP	Oil General Piping
OIW~	Organic Industrial Waste-System
OLW~	Organic Liquid Waste-System
OPNG	Openings
OPNX	Opening Indication
OPRP	Oil Process Piping
OSW~	Organic Solvent Waste-System
OTHD	Other Heads
OTLN	Outline
OVHD	Overhead
OXYG	Pure O2
PA~~	Plant Air-System
PADM	Pad-Mounted
PADS	Pads
PALM	Palm Trees
PANL	Panels
PASP	Point Number Attributes for Survey Points
PATT	Texture of Hatch Patterns
PAVR	Unit Pavers
PCAP	Pile Caps
PCST	Pre-Cast Concrete

Layer Name	Description
PCWR	Cooling Water Return-System
PCWS	Cooling Water Supply-System
PENE	Penetrations
PENS	Penstock
PEQP	Process Equipment
PERI	Perimeter
PERM	Permanent
PHON	Telephone Line
PHOS	Phosphoric Acid-System
PHRC	Phosphoric Acid Reclaim-System
PIER	Drilled Piers
PILE	Piles
PIPE	Piping
PLAY	Play Structures
PLNT	Plants
PLYW	Plywood
PMIT	Permit
PNHS	Penthouse
PNLS	System Panels
PNPT	Panel Points
POCC	Point of Common Coupling
POI~	Point of Interconnection
POLE	Poles
POLM	Pole-Mounted
POND	Retention Pond
POOL	Pools and Spas
POST	Posts
PIIP	Process Piping
PRCH	Porch
PRCL	Parcels
PRHT	Partial-Height
PRIM	Primary
PRKG	Parking
PRO~	Propane-System
PROF	Profile
PROS	Date / Time / File Name Stamp
PROV	Province

Layer Name	Description
PRPT	Parapet
PRVC	Privacy
PSW~	Photo Solvent Waste-System
PV~~	Vacuum-System
PVMT	Pavement
PW~~	Potable Water-System
QTRS	Quarter Section
RAIS	Raised
RAMP	Accessible Ramp
RATE	Ratings
RBAR	Reinforcing Bar
RCON	Reinforced Concrete
RDFF	Return Air Diffusers
RDGE	Roof Ridges
RDME	Read-Me Layer (Not Plotted)
REDL	Redlines
REFR	Reference, External Files
RER~	Solvent-System
RETN	Return
REVC	Revision Clouds
REVS	Revision Indicators and Text
RFDR	Roof Drains
RFEQ	Rooftop Equipment
RISR	Risers
RO~~	Reverse Osmosis Water-System
ROAD	Roadway
ROCK	Large Rocks and Rock Outcroppings
ROOF	Roof
ROR~	Reverse Osmosis Reject Water-System
RPIP	Recirculation Piping
RRAP	Riprap
RSCH	Sketch Line Round of Oval Duct
RSRV	Reservation
RTWL	Retaining Wall
RWAY	Right-of-Way
SAIR	Scavenge Air
SATD	Satellite Dishes

Layer Name	Description
SAUD	Audio Signal
SBACK	Setback Lines
SBST	Substations
SCEX	Scrubber Exhaust-System
SCHD	Schedules
SCOM	Communications Signal
SCTL	Control Signal
SDAT	Data Signal
SDD~	Scrubber Duct Drains-System
SDFF	Supply Diffusers
SDGA	Digital Audio Signal
SDGV	Digital Video Signal
SEAT	Seating
SECD	Secondary
SECT	Section
SEED	Seeding Areas
SG~~	Specialty Gas-System
SGHT	Sight Distance
SHAD	Shadow Area
SHEA	Structural Bearing or Shear Walls
SHLF	Wall-Mounted Shelving
SIGN	Singage
SILL	Window Sills
SILT	Silt Fence
SIZE	Ductwork Size
SKCH	Sketch
SKLT	Skylight
SLR~	Slurry Return-System
SLS~	Slurry Supply-System
SLVE	Pipe Sleeve
SLW~	Slurry Waste-System
SMIC	Microphone Signal
SMOK	Smoke Detector / Heat Sensors
SOUN	Soundings
SPCL	Special / Specialties
SPKL	Sprinklers
SPLY	Supply

Layer Name	Description
SPOT	Spot Elevations
SPRT	Sports Fields
SPWR	Power Signal
SRFI	RF Signal
SRGB	RGB and Component Video Signal
SSCH	Sketch Line Rectangular Duct
SSLT	Super Silt Fence
SSWR	Sanitary Sewer
SSYN	Sync Signal
STAN	Stationing
STAT	State
STBY	Standby
STEL	Steel
STEP	Steps
STMP	Professional Stamp
STOR	Storage
STRC	Structures
STRM	Storm Sewer
STRP	Striping
STRS	Stair Treads
SUBA	Cabinet Sub-Assemblies, Drawer Boxes
SUBD	Subdivision (Interior) Lines
SUBS	Sub-Surface Areas
SULF	Sulfuric Acid-System
SULR	Sulfuric Acid Reclaim-System
SUPT	Support
SURF	Surface Areas
SUSP	Suspended Elements
SVEX	Solvent Exhaust-System
SVID	Video Signal
SW~~	Solvent Waste-System
SWAY	Spillway
SWBD	Switchboards
SWCH	Switches
SWF~	Solvent Waste Flammable-System
SWLK	Sidewalks
SWMT	Storm Water Management

Layer Name	Description
SWNF	Solvent Waste Non-Flammable-System
SXTS	Sixteenth Section
SYMB	Reference Symbols
TABL	Data Tables
TAKE	Taking Lines
TANK	Storage Tanks
TDIR	Tempered DI Return-System
TDIS	Tempered DI Supply-System
TEES	Main Tees
TEMP	Temporary
TEST	Test Stations
TEXT	Text
THER	Thermostats
TICK	Tick Marks
TITL	Drawing or Detail Titles
TMAH	TMAH-System
TOP~	Top
TOP1	Top Group 1
TOP2	Top Group 2
TOPB	Top of Bank
TOWR	Towers
TPIT	Test Pits
TPTN	Toilet Partitions
TRAC	Tract Lines
TRAK	Track
TRAL	Trail or Path
TRAV	Transverse
TRAY	Cabletray and Wireways
TREE	Trees
TROW	Tree row
TSHP	Town or Township
TTLB	Border and Titleblock
TURF	Lawn Areas
TW~~	Tempered Water-System
UCPT	Under-Carpet Wiring
UCTR	Under Counter
UN2~	Utility Nitrogen-System

Layer Name	Description
UGND	Underground
UPPR	Upper
UPRW	Ultra-Pure Recycle Water-System
UPS~	Uninterruptible Power Supply
UPVD	Unpaved Surface
UPW~	Ultra-Pure Water-System
URAC	Under-Floor Raceways
UTIL	Utility Lines
V~~~	Vent-System
VACU	Vacuum
VALV	Valves
VEGE	Trees, Shrubs, and Other Vegetation
VENR	Veneer
VENT	Vents
VERT	Vertical
VIEW	Triangulation View
VINE	Vines
VN2~	Venturi Nitrogen-System
VOID	Void Regions
W2XS	Dimension Lumber
WALL	Wall
WAR~	Weld Argon-System
WATR	Water Supply
WDWK	Architectural Woodwork
WEIR	Pool Weir
WELL	Well
WHIT	White Paint
WIRE	Wiring
WKSF	Worksurface
WOOD	Wood
XFMR	Transformers
XTRU	Extrusion
YELO	Yellow Paint
ZONE	Zoning

4. STATUS (Phase)

Example: A-WALL-FULL-TEXT-**N** = Architectural, Wall, Full-height, **New Work**

Layer Name	Status Field Description
A	Abandoned
D	Existing to Demolish
E	Existing to Remain
F	Future Work
M	Items to be Moved
N	New Work
T	Temporary Work
X	Not in Contact
1-9	Phase Numbers