



SACRAMENTO COUNTY
WATER AGENCY

Please find enclosed the latest version of the Sacramento County Water Agency's computer-aided drafting standards. Also included are the plan status submittal requirements (hard copy and electronic) as well as file transfer protocols. Although this office solely uses Autodesk products, these standards herein most likely are applicable to other drafting software used. The Agency requests that all consulting engineers strictly abide by these standards to facilitate the collaboration of any design drawings. Any deviation from these standards shall be discussed with the CAD manager prior to project initiation.

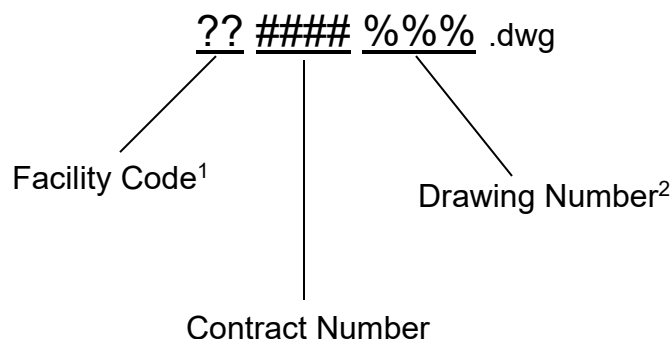
SCWA Plan Submittal Requirements and Drafting Standards

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DRAWING FILE NAMING CONVENTIONS

File naming convention to be used for Project Contract Drawings: **??####%%.dwg**



NOTE: The Base Drawings of any set will be named: **??####BS.DWG**

(BS = BASE)

EXAMPLE:

Civil drawing number 1 of a project at Dwight Road Facility OWT1 under Contract No. 5445 would be labeled T15445C01.dwg.

PROJECT ENGINEER		DATE:	5/12/13
		CONTRACT NO:	5445
DESIGNED	Designed By?	FACILITY:	DWIGHT WTP
DRAWN	Drawn By?	DRAWING FILE:	T15445C01.dwg
NO.	REVISIONS	APPROVAL	
		BY	DATE

¹Upon initiation of production drawings the consulting engineer is to contact SCWA for the appropriate Facility Code. The purpose of the Facility Code is to help identify which major facility the project will be serving.

² The prefix of the Drawing Number should correlate to the discipline of the drawing (C = Civil, S = Structural, etc)

DRAWING AND SPECIFICATION SUBMITTAL REQUIREMENTS

Unless otherwise specified in the project contract, the consultant is to provide progress drawings (specifications and drawings) at the 20% (**A-Plan**), 50% (**B-Plan**) and 90% (**C-Plan**) stages as well as subsequent **Bid Set**, **Construction Set**, and **As-Built** submittals. In addition to addendums, these submittals shall be provided to SCWA as follows:

20% (A-Plan), 50% (B-Plan) & 90% (C-Plan) Progress Submittals

Specifications:

- 1 set electronic copy
- Digital file formatted in Microsoft Word

Drawings:

- Provide 1 set electronic copy PDF
- Status Stamp: located as shown in Figure 1
- Digital CAD files including all pertinent XREF, .CTB and image files

Bid Set

Same as the 20 – 90% progress requirements *except*:

- No status stamp
- The cover sheet will not require a progress stamp.

Addendums (provide copies of just those sections / drawings effected)

Same as the 20 – 90% progress requirements *except*:

- Provide affected Specifications and drawings in PDF form

Construction Set

Same as the 20 – 90% progress requirements *except*:

- No status stamp

Remove all addendum symbols from drawings and ensure Specification include any revised sections.

As-Built Drawings

- Provide Contractor's record drawings (marked up Construction and Shop Drawings)
- Provide 1 set of originals printed on both 11"x 17" & 22"x 34" or by PDF.
- Status Stamp: located as shown in Figure 1
- Digital CAD files including all pertinent XREF, .CTB and image files

SHT TLT LN1 SHT TLT LN2		PLANS FOR THE CONSTRUCTION OF PROJECT NAME LINE 1 PROJECT NAME LINE 2 PROJECT NAME LINE 3		 DEPARTMENT OF WATER RESOURCES 1027 7TH STREET, ROOM 300 SACRAMENTO, CA 95834 (916) 874-6100		PROJECT ENGINEER DESIGNED DRAWN NO. REVISIONS		DATE CONTRACT NO. FACILITY DRAWING FILE Drawing File?	
DRAWING C-X.X SHEET XX OF XX		SHEET CONTENT LINE 1 SHEET CONTENT LINE 2 COUNTY OF SACRAMENTO		ENGINEERS STAMP APPROVED SAN BARRY DATE					
SCALE HORZ VERT									

B-PLANS STATUS SHOWN HERE.

Figure 1

All design specifications will incorporate existing Agency specifications for new water facilities. All drawings will be produced using AutoCAD 2024 or later version in accordance with the guidelines provided herein.

DATA TRANSFER PROTOCOL

All digital information is to be delivered in either the following manners:

- USB Flash Drive
- FTP Site¹

¹Consultant is to provide all necessary passwords and usernames upon first status submittal. File structure is to have a logical naming convention based upon the status of the files uploaded.

PEN SETTINGS

AUTOCAD PEN/COLOR	COLOR	PEN WIDTH (IN)
1 RED	7	0.0050 (0.1397 mm)
2 YELLOW	7	0.0070 (0.1778 mm)
3 GREEN	7	0.0160 (0.4064 mm)
4 CYAN	7	0.0195 (0.4953 mm)
5 BLUE	7	0.0210 (0.5334 mm)
6 MAGENTA	7	0.0310 (0.7874 mm)
7 WHITE	7	0.0150 (0.3810 mm)
8 GREY	7	0.0020 (0.0508 mm)
251	251	0.0100 (0.2540 mm)
253	253	0.0100 (0.2540 mm)

Notes:

1. All pens after pen no. 8 will plot in color unless reassigned at user's discretion.
2. Please provide .CTB files as necessary as specified in the Submittal Requirements.

TEXT STYLE STANDARDS

<u>STYLE</u>	<u>PLOTTED HEIGHT</u>	<u>FONT</u>	<u>LAYER COLOR</u>	<u>TEXT WIDTH</u>
L80	0.08"	Simplex or Romans	0.007-Red	0.80
L100	0.10"	Simplex or Romans	0.010-Yellow	0.80
L120	0.12"	Simplex or Romans	0.010-Yellow	0.80
L125	0.125"	Simplex or Romans	0.010-Yellow	0.80
L140	0.14"	Simplex or Romans	0.012-Green	0.80
L175	0.175"	Simplex or Romans	0.014-Cyan	0.80
L200	0.20"	Simplex or Romans	0.020-Blue	0.80
L240	0.24"	Simplex or Romans	0.020-Blue	0.80
L290	0.29"	Simplex or Romans	0.024-Magenta	0.80
L350	0.35"	Simplex or Romans	0.024-Magenta	0.80

Notes:

1. Colors should always be by-layer. Layer color refers to recommended color of layer on which text is to be placed.
2. Other .TTF or .SHX files used for logos etc. shall be provided as per Submittal Requirements.

LAYERING CONVENTION

LAYER	COLOR	LINETYPE	DESCRIPTION
A-DOOR	2(yellow)	CONTINUOUS	DOORS
A-EQPT	2(yellow)	CONTINUOUS	EQUIPMENT
A-FND	3(green)	CONTINUOUS	FOUNDATION
A-FURN	1(red)	CONTINUOUS	FURNITURE
A-GRTE	1(red)	CONTINUOUS	GRATES
A-HTCH	1(red)	CONTINUOUS	HATCHING
A-NOTE	2(yellow)	CONTINUOUS	ARCH. NOTES
A-RAIL	1(red)	CONTINUOUS	RAILING
A-ROOF-RAL	1(red)	CONTINUOUS	ROOF RAIL
A-ROOF-FSCA	2(yellow)	CONTINUOUS	ROOF FASCIA
A-ROOF-JOST	2(yellow)	CONTINUOUS	ROOF JOIST
A-ROOF-PYWD	1(red)	DASHED	PLYWOOD ROOFING
A-ROOF-RDGE	1(red)	DASHED2	ROOF RIDGE LINE
A-ROOF-STHG	1(red)	HIDDEN	ROOF SHEATHING
A-ROOF-VLEY	1(red)	DASHED2	ROOF VALLEY LINE
A-WALL	3(green)	CONTINUOUS	WALLS
A-WALL-PART	2(yellow)	CONTINUOUS	WALL PARTITION
A-WALL-TOP	3(green)	CONTINUOUS	TOP OF WALL
A-WNDW	2(yellow)	CONTINUOUS	WINDOW
C-BDRY-CITY	4(cyan)	DASHDOT	CITY BOUNDARY
C-BDRY-CITY-HTCH	1(red)	CONTINUOUS	CITY BOUNDARY HATCHING
C-BDRY-CNTY	4(cyan)	DASHDOT	COUNTY BOUNDARY
C-BOLL	1(red)	CONTINUOUS	BOLLARD
C-BRNG	2(yellow)	CONTINUOUS	PL BEARING/DISTANCES
C-BSLN	3(green)	CONTINUOUS	BASELINE
C-BSLN-STA	3(green)	CONTINUOUS	BASELINE STATIONING
C-CONC-PAD	3(green)	CONTINUOUS	CONCRETE PAD
C-CONC-PAD-CONS	1(red)	CONTINUOUS	CONCRETE PAD CONSTRUCTION JOINT
C-CONC-PAD-EXPAN	1(red)	DASHED	CONCRETE PAD EXPANSION JOINT
C-DETL	3(green)	CONTINUOUS	DETAIL

LAYER	COLOR	LINETYPE	DESCRIPTION
C-DETL-DIM	1(red)	CONTINUOUS	DETAIL DIMENSIONS
C-DETL-HTCH	1(red)	CONTINUOUS	DETAIL HATCHING
C-DETL-REBAR	1(red)	CONTINUOUS	DETAIL REBAR
C-DETL-TEXT	1(red)	CONTINUOUS	DETAIL TEXT AND DIMENSIONS
C-DETL-TITL	3(green)	CONTINUOUS	DETAIL TITLE TEXT
C-DIM	1(red)	CONTINUOUS	DIMENSIONS
C-DRWY-ACCS	2(yellow)	DASHED	ACCESS PERIMETER DRIVE SPACE
C-EASE-DRAINAGE	2(yellow)	DASHED	DRAINAGE EASEMENTS
C-EASE-UTILITY	2(yellow)	DASHED	UTILITY EASEMENTS
C-EASE-SEWER	2(yellow)	DASHED	SEWER EASEMENTS
C-EASE-WATER	2(yellow)	DASHED	WATER EASEMENTS
C-ELEV-LIP	1(red)	CONTINUOUS	LIP ELEVATION
C-ELEV-PAD	1(red)	CONTINUOUS	PAD ELEVATION
C-ELEV-TBC	1(red)	CONTINUOUS	TOP BACK OF CURB ELEVATION
C-ELEV-TBW	1(red)	CONTINUOUS	TOP BACK OF WALK ELEVATION
C-ELEV-SPOT	1(red)	CONTINUOUS	SPOT ELEVATION
C-ELEV-WALL	1(red)	CONTINUOUS	WALL ELEVATION
C-FNCE	1(red)	DASHED	FENCE
C-GRAD-BREAK	1(red)	PHANTOM2	GRADE BREAK
C-GRAD-DETL	2(yellow)	CONTINUOUS	GRADING SPECIFIC DETAIL
C-GRAD-DTCH	2(yellow)	DIVIDEX2	GRADING DITCH
C-GRAD-NOTE	2(yellow)	CONTINUOUS	GRADING NOTES
C-GRAD-RDGE	2(yellow)	DASHEDX2	GRADE BREAK OR RIDGE
C-GRAD-SECT	3(green)	CONTINUOUS	GRADING SECTION
C-GRAD-SLPE	1(red)	CONTINUOUS	GRADE SLOPE
C-GRAD-SPOT	2(yellow)	CONTINUOUS	GRADING SPOT ELEVATION
C-GRAD-TEXT	2(yellow)	CONTINUOUS	GRADING TEXT
C-HTCH	1(red)	CONTINUOUS	HATCH
C-NRTH	4(cyan)	CONTINUOUS	NORTH ARROW
C-PRLN	4(cyan)	PHANTOM	PROPERTY LINE
C-PROF-CONC	3(green)	CONTINUOUS	PROFILE CONCRETE
C-PROF-ELEV	2(yellow)	CONTINUOUS	PROFILE GRID ELEVATIONS
C-PROF-GRID	250(grey)	CONTINUOUS	PROFILE GRID LINES
C-PROF-GRND	2(yellow)	CONTINUOUS	PROFILE GROUND LINE

LAYER	COLOR	LINETYPE	DESCRIPTION
C-PROF-GRND-HTCH	1(red)	CONTINUOUS	PROFILE GROUND HATCH
C-PROF-MTLN	4(cyan)	PHANTOMX2	PROFILE MATCHLINE
C-PROF-NOTE	3(green)	CONTINUOUS	PROFILE NOTES
C-PROF-SEWR	2(yellow)	CENTER	PROFILE SANITARY SEWER
C-PROF-STA	3(green)	CONTINUOUS	PROFILE STATIONS
C-PROF-STA	3(green)	CONTINUOUS	PROFILE STATIONS
C-PROF-STRM	2(yellow)	CENTER2	PROFILE STORM DRAIN
C-PROF-TEXT	2(yellow)	CONTINUOUS	PROFILE TEXT
C-PROF-WATR	3(green)	CONTINUOUS	PROFILE WATER
C-PUMP	3(green)	CONTINUOUS	BOOSTER PUMP
C-PUMP-PCAN	2(yellow)	CONTINUOUS	BOOSTER CAN
C-RIVR	1(red)	CONTINUOUS	RIVER
C-RMVE	2(yellow)	CONTINUOUS	TO BE REMOVED
C-ROAD-ACDK	2(yellow)	CONTINUOUS	A.C. DIKE
C-ROAD-BARR	3(green)	CONTINUOUS	BARRICADE
C-ROAD-CNTR	1(red)	CENTER	ROAD CL
C-ROAD-EOPV	2(yellow)	CONTINUOUS	ROAD EDGE OF PAVEMENT
C-ROAD-GRVL	1(red)	DASHED	GRAVEL ROAD
C-ROAD-GUFL	1(red)	CENTER	ROAD GUTTER FL
C-ROAD-HWAY	2(yellow)	CONTINUOUS	HIGHWAY
C-ROAD-HWAYSIGN	1(red)	CONTINUOUS	HIGHWAY SIGN
C-ROAD-LIP	2(yellow)	CONTINUOUS	ROAD LIP OF GUTTER
C-ROAD-PRIM	1(red)	CONTINUOUS	PRIMARY STREET
C-ROAD-PRIM-TEXT	1(red)	CONTINUOUS	PRIMARY STREET TEXT
C-ROAD-RAMP	1(red)	CONTINUOUS	ROAD RAMP
C-ROAD-RWLN	3(green)	PHANTOM	ROAD RIGHT OF WAY
C-ROAD-SCND	1(red)	CONTINUOUS	SECONDARY STREET
C-ROAD-SCND-TEXT	1(red)	CONTINUOUS	SECONDARY STREET TEXT
C-ROAD-TBCB	2(yellow)	CONTINUOUS	ROAD TOP BACK OF CURB
C-ROAD-TBWK	2(yellow)	CONTINUOUS	ROAD TOP BACK OF SIDEWALK
C-ROAD-TEXT	2(yellow)	CONTINUOUS	ROAD NAME
C-RRW	1(red)	CONTINUOUS	RAILROAD RIGHT OF WAY
C-RTN-WALL	2(yellow)	CONTINUOUS	RETAINING WALL
C-SND-WALL	2(yellow)	CONTINUOUS	SOUNDWALL

LAYER	COLOR	LINETYPE	DESCRIPTION
C-SECT	4(cyan)	PHANTOM	SECTION
C-SBL	1(red)	PHANTOM	SETBACK LINE
C-SEWR-BOAT	3(green)	CONTINUOUS	SEWER BOAT
C-SEWR-CNTR	2(yellow)	CENTER	SEWER CL
C-SEWR-CNTR-OFFS	2(yellow)	CENTER	SEWER CL OFFSITE
C-SEWR-CO	2(yellow)	CONTINUOUS	SEWER CLEAN OUT
C-SEWR-MH	2(yellow)	CONTINUOUS	SEWER MANHOLE
C-SEWR-MAIN	3(green)	CENTER	SEWER MAIN
C-SEWR-SERV	2(yellow)	CONTINUOUS	SEWER SERVICE
C-SHBD	5(blue)	CONTINUOUS	BORDER
C-SHBD-APPV	4(cyan)	CONTINUOUS	APPROVALS
C-SHBD-GRID	8(grey)	GRID1	PRIMARY PROFILE GRID
C-SHBD-MTLN	4(cyan)	PHANTOMX2	MATCH LINE
C-SHBD-NOTE	3(green)	CONTINUOUS	SHEET NOTES
C-SHBD-REV1	2(yellow)	CONTINUOUS	SHEET REVISION 1
C-SHBD-REV2	2(yellow)	CONTINUOUS	SHEET REVISION 2
C-SHBD-REV3	2(yellow)	CONTINUOUS	SHEET REVISION 3
C-SHBD-REV4	2(yellow)	CONTINUOUS	SHEET REVISION 4
C-SHBD-REV5	2(yellow)	CONTINUOUS	SHEET REVISION 5
C-SHBD-REV6	2(yellow)	CONTINUOUS	SHEET REVISION 6
C-SHBD-SCWA	2(yellow)	CONTINUOUS	SCWA LOGO
C-SHBD-SCWA-APPV	2(yellow)	CONTINUOUS	SCWA APPROVAL
C-SHBD-SCWA-TEXT	2(yellow)	CONTINUOUS	SCWA TITLE
C-SHBD-STMP	3(green)	CONTINUOUS	PLAN SET STATUS STAMP
C-SHBD-STMP-11X17	1(red)	CONTINUOUS	REDUCED PLAN SET STATUS STAMP
C-SHBD-TEXT	3(green)	CONTINUOUS	BORDER TEXT
C-SHBD-TITL	4(cyan)	CONTINUOUS	BORDER TITLE
C-SHBD-TRIM	1(red)	CONTINUOUS	SHEET TRIM LINE
C-SHBD-ZONE	2(yellow)	CONTINUOUS	SHEET ZONES
C-SITE-APN	1(red)	CONTINUOUS	ASSESSORS PARCEL NUMBERS
C-SITE-MTLN	4(cyan)	PHANTOM2	SITE MATCHLINE
C-SITE-PAVE	2(yellow)	CONTINUOUS	SITE PAVING
C-SITE-TITLE	4(cyan)	CONTINUOUS	SITE TITLE
C-SIZE	1(red)	CONTINUOUS	VALVE SIZE

LAYER	COLOR	LINETYPE	DESCRIPTION
C-SRVY	2(yellow)	CONTINUOUS	SURVEY RELATED INFORMATION
C-SRVY-BRGS	3(green)	CONTINUOUS	PROPERTY LINE BEARINGS / DISTANCES
C-SRVY-BSLN	3(green)	CONTINUOUS	BASELINE
C-SRVY-EASE	2(yellow)	DASHED	EASEMENTS LOCATED BY SURVEY
C-SRVY-EOPV	1(red)	CONTINUOUS	SURVEY EDGE OF PAVEMENT
C-SRVY-MNTS	2(yellow)	CONTINUOUS	SURVEY MONUMENTS
C-SRVY-NOTE	2(yellow)	CONTINUOUS	SURVEY RELATED NOTES
C-SRVY-PRLN	3(green)	CONTINUOUS	SURVEY PROPERTY LINES
C-SRVY-RWLN	2(yellow)	CONTINUOUS	RIGHT OF WAY
C-SRVY-RWLN-CNTR	1(red)	CENTER	RIGHT OF WAY CL
C-SRVY-SRFFLT	7(white)	CONTINUOUS	SURVEY GENERATED TIN
C-SRVY-SRFVIEW	7(white)	CONTINUOUS	SURVEY GENERATED TIN VIEW
C-SRVY-TOPO-FENCE	1(red)	CONTINUOUS	SURVEYED FENCE
C-SRVY-TOPO-INDX	2(yellow)	CONTINUOUS	SURVEY CONTOURS INDEX
C-SRVY-TOPO-INTR	1(red)	CONTINUOUS	SURVEY CONTOURS INTERMEDIATE
C-SRVY-TOPO-PNTS	1(red)	CONTINUOUS	SURVEY TOPO POINTS
C-SRVY-TOPO-PNTS-DRWY	1(red)	CONTINUOUS	SURVEY TOPO DRIVEWAY POINTS
C-SRVY-TOPO-PNTS-LIP	1(red)	CONTINUOUS	SURVEYED LIP OF GUTTER
C-SRVY-TOPO-PNTS-TBCB	1(red)	CONTINUOUS	SURVEYED TOP BACK OF CURB
C-SRVY-TOPO-PNTS-TBWK	1(red)	CONTINUOUS	SURVEYED TOP BACK OF WALK
C-SRVY-TOPO-TEXT	2(yellow)	CONTINUOUS	SURVEY TOPO TEXT
C-SRVY-TOPO-WALL	1(red)	CONTINUOUS	SURVEY TOPO POINTS
C-STRM-BOAT	3(green)	CONTINUOUS	STORM DRAINAGE BOAT
C-STRM-CNTR	1(red)	CENTER2	DRAINAGE CL
C-STRM-CNTR-OFFS	1(red)	CENTER2	DRAINAGE CL OFFSITE
C-STRM-CULVERT	2(yellow)	CONTINUOUS	STORM DRAINAGE CULVERT
C-STRM-DI	2(yellow)	CONTINUOUS	STORM DRAINAGE INLET
C-STRM-MH	2(yellow)	CONTINUOUS	STORM DRAINAGE MANHOLE
C-STRM-PIPE	3(green)	CENTER2	STORM DRAINAGE PIPING
C-STRM-SWALE	2(yellow)	CONTINUOUS	STORM DRAINAGE SWALE
C-TANK-BWSH	3(green)	CONTINUOUS	BACKWASH TANK
C-TANK-FUEL	2(yellow)	CONTINUOUS	FUEL TANK
C-TANK-SCRB	3(green)	CONTINUOUS	SCRUBBER

LAYER	COLOR	LINETYPE	DESCRIPTION
C-TANK-STOR	3(green)	CONTINUOUS	STORAGE TANK
C-TANK-STOR-CNTR	1(red)	CENTER2	STORAGE TANK CL
C-TANK-STOR-CPAD	1(red)	DASHED	STORAGE TANK PAD
C-TANK-STOR-RWAL	2(yellow)	CONTINUOUS	STORAGE TANK RINGWALL
C-TANK-STOR-TEXT	2(yellow)	CONTINUOUS	STORAGE TANK TEXT
C-TEXT	3(green)	CONTINUOUS	PLAN SHEET TEXT
C-UTIL-CABL	2(yellow)	CENTER2	CABLE TV CL
C-UTIL-FIRE	2(yellow)	CENTER2	FIRE CL
C-UTIL-NGAS	2(yellow)	CENTER2	NATURAL GAS CL
C-UTIL-TELE	2(yellow)	CENTER2	TELEPHONE LINE
C-UTIL-VAULT	2(yellow)	CONTINUOUS	UTILITY VAULT
C-VESS-FILT	3(green)	CONTINUOUS	FILTER VESSEL
C-VESS-FILT-CNTR	1(red)	CENTER	FILTER VESSEL CL
C-VESS-REAC	3(green)	CONTINUOUS	REACTION VESSEL
C-VESS-REAC-CNTR	1(red)	CENTER	REACTION VESSEL CL
C-VESS-SCRB	3(green)	CONTINUOUS	SCRUBBER VESSEL
C-WATR	3(green)	HIDDEN	BURIED WATER PIPE LINE
C-WATR-ABOVE	3(green)	CONTINUOUS	ABOVE GROUND WATER PIPE LINE
C-WATR-ABOVE-CNTR	1(red)	CENTER2	ABOVE GROUND WATER PIPE CL
C-WATR-ABOVE-CNTR-SYM	1(red)	CONTINUOUS	ABOVE GROUND WATER PIPE SYMBOL
C-WATR-BO	3(green)	CONTINUOUS	BLOW OFF
C-WATR-BOAT	3(green)	CONTINUOUS	BOAT
C-WATR-BW-TANK	3(green)	CONTINUOUS	BACKWASH TANK
C-WATR-BW-TANK-CNTR	1(red)	CENTER2	BACKWASH TANK CL
C-WATR-CNTR	1(red)	CENTER2	BURIED WATER PIPE CL
C-WATR-CNTR-SYM	1(red)	HIDDEN2	BURIED WATER PIPE SYMBOL
C-WATR-CNTR-OFFS	3(green)	CENTER2	BURIED WATER PIPE CL OFFSITE
C-WATR-CNTR-OFFS-SYM	3(green)	HIDDEN2	BURIED WATER PIPE OFFSITE SYMBOL
C-WATR-DIP	3(green)	HIDDEN	BURIED DUCTILE IRON WATER PIPE
C-WATR-DIP-CNTR	1(red)	CENTER2	BURIED DUCTILE IRON WATER PIPE
C-WATR-DIP-CNTR-SYM	1(red)	HIDDEN2	BURIED D.I. WATER PIPE SYMBOL
C-WATR-FIRE	2(yellow)	CONTINUOUS	FIRE HYDRANT
C-WATR-OFFS	3(green)	HIDDEN	BURIED WATER PIPE LINE OFFSITE
C-WATR-MAIN	3(green)	CONTINUOUS	DISTRIBUTION MAIN

LAYER	COLOR	LINETYPE	DESCRIPTION
C-WATR-PCAN	3(green)	CONTINUOUS	POTABLE BOOSTER PUMP CANS
C-WATR-PCAN-BASE	2(yellow)	CONTINUOUS	POTABLE BOOSTER PUMP CAN BASE
C-WATR-RAW-BO	2(yellow)	CONTINUOUS	RAW WATER BLOW OFF
C-WATR-RAW-BOAT	2(yellow)	CONTINUOUS	RAW WATER BOAT
C-WATR-RAW-MAIN	2(yellow)	CONTINUOUS	RAW WATER MAIN
C-WATR-RAW-VALVE	2(yellow)	CONTINUOUS	RAW WATER VALVE
C-WATR-SERV	3(green)	CONTINUOUS	WATER SERVICE
C-WATR-TBLOCK	2(yellow)	CONTINUOUS	WATER PIPE THRUST BLOCKS
C-WATR-VALVE	3(green)	CONTINUOUS	WATER VALVE
C-WATR-VAULT	2(yellow)	CONTINUOUS	WATER VALVE VAULT
C-WATR-VAULT-LID	1(red)	CONTINUOUS	WATER VALVE VAULT LID
C-WATR-VAULT-SUMP	1(red)	HIDDEN2	WATER VALVE VAULT SUMP
C-WATR-VAULT-SUMP-PMP	2(yellow)	CONTINUOUS	WATER VALVE VAULT SUMP PUMP
C-WATR-WELL	3(green)	CONTINUOUS	WATER WELL
DEFPOINTS	7(white)	CONTINUOUS	[LAYER DOES NOT PLOT]
E-NOTE	3(green)	CONTINUOUS	ELECTRICAL NOTES
E-POWR-OVER	2(yellow)	CONTINUOUS	OVERHEAD POWER LINES
E-POWR-UNDR	2(yellow)	HIDDENX2	UNDERGROUND ELECTRICAL CABLES
E-ROAD-LIGHT	2(yellow)	CONTINUOUS	STREET LIGHT
E-CNDT	2(yellow)	HIDDEN2	CONDUIT
E-TEXT	2(yellow)	CONTINUOUS	ELECTRICAL TEXT
E-XFMR	2(yellow)	CONTINUOUS	ELECTRICAL TRANSFORMER
L-EASE	2(yellow)	DASHED	LANDSCAPE EASEMENT
REVCLOUD	4(cyan)	CONTINUOUS	REVISION CLOUD

THESE LAYERING CONVENTIONS FOLLOW TYPICAL AIA LAYERING STYLE. SHOULD NEW LAYERS NEED TO BE CREATED, PLEASE FOLLOW THIS LAYERING CONVENTION.

FOR EXISTING FACILITIES:

USE LAYERS SHOWN ABOVE WITH AN “X” IN FRONT OF DISCIPLINE. IE: XEPOWEROVER (DENOTES EXISTING OVERHEAD ELECTRICAL POWER LINES).