

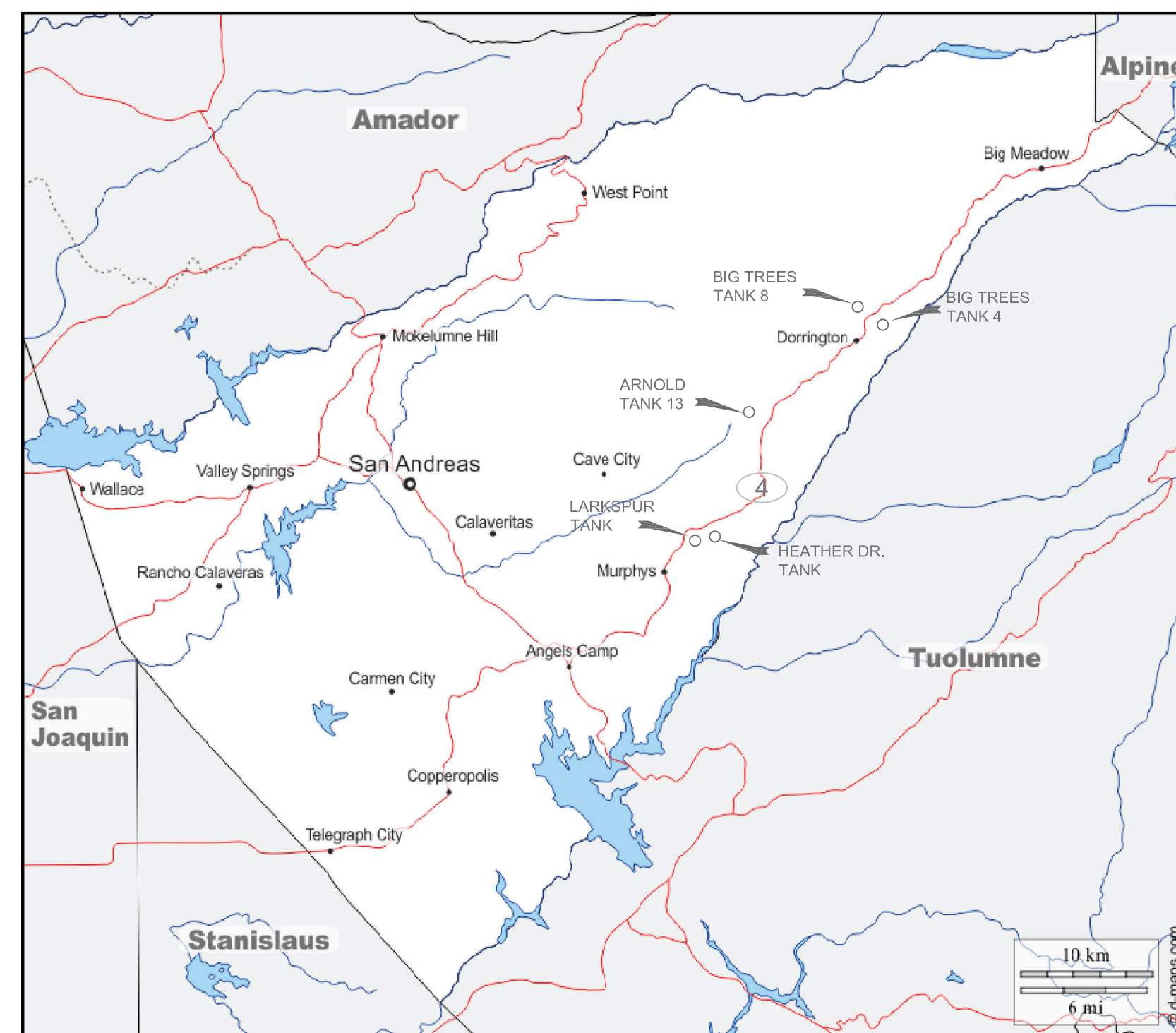
CALAVERAS COUNTY WATER DISTRICT

EBBETTS PASS REDWOOD WATER STORAGE TANKS TANK MATERIALS PROCUREMENT

FEBRUARY 22, 2021
CIP NO. 11095

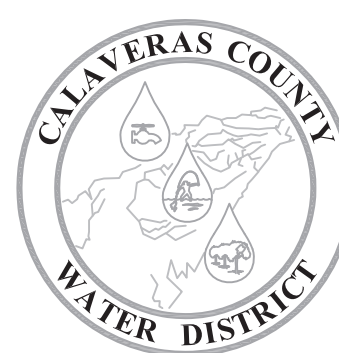
INDEX OF DRAWINGS

SHEET	DRAWING	TITLE
1	G-01	TITLE SHEET, LOCATION MAP & INDEX OF DRAWINGS
2	G-02	CIVIL GENERAL NOTES
3	C-01	HEATHER DR. TANK SITE PLAN
4	C-02	HEATHER DR. TANK RENOVATION PLAN
5	C-03	ARNOLD TANK 13 SITE PLAN
6	C-04	ARNOLD TANK 13 RENOVATION PLAN
7	C-05	LARKSPUR CT TANK SITE PLAN
8	C-06	LARKSPUR CT TANK RENOVATION PLAN
9	C-07	BIG TREES TANK 8 SITE PLAN
10	C-08	BIG TREES TANK 8 RENOVATION PLAN
11	C-09	BIG TREES TANK 4 SITE PLAN
12	C-10	BIG TREES TANK 4 RENOVATION PLAN



LOCATION MAP
NOT TO SCALE

DESIGNED BY: K. WILLIAMS	REVISION:	DESCRIPTION:	DATE:	BY:
DRAFTED BY: K. WILLIAMS				
CHECKED BY:				
DATE: 2/22/2021				
SCALE: NO SCALE				
BAR LENGTH ONE INCH ON SCALED DRAWING				



CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT
POST OFFICE BOX 846
SAN ANDREAS, CALIFORNIA 95249
PHONE: (209) 754-3543

TITLE SHEET
EBBETTS PASS REDWOOD WATER STORAGE TANKS
STORAGE TANKS MATERIALS PROCUREMENT

11095
PROJECT NUMBER
G1
DRAWING NUMBER
1 OF 12
SHEET NUMBER

GENERAL NOTES:

- ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE PLANS, NOTES, DETAILS, AND PROVISIONS AS SPECIFIED HEREON AND IN ACCORDANCE WITH THE PROJECT MANUAL AND TECHNICAL SPECIFICATIONS. ALL REQUIREMENTS, STANDARDS, AND SPECIFICATIONS OF ALL AGENCIES HAVING JURISDICTION OVER THE WORK SHALL BE DONE TO THE SATISFACTION OF ALL OF THE INVOLVED AGENCIES.
- ALL WATER WORK WILL BE DONE UNDER THE INSPECTION OF CALAVERAS COUNTY WATER DISTRICT (CCWD).
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND SHALL CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR IDENTIFICATION AND LOCATION OF UNDERGROUND UTILITIES. (PHONE: 1-800-227-2600)
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAND DIGGING AND VERIFYING THE LOCATION AND DEPTH OF ALL EXISTING FACILITIES PRIOR TO ANY EXCAVATION.
- WHERE DEPTH OF EXCAVATIONS INTO WHICH WORKERS DESCEND IS 5 FEET OR DEEPER, THE CONTRACTOR IS REQUIRED TO PROVIDE SHEETING, SHORING & BRACING AND OBTAIN AN EXCAVATION PERMIT FROM THE NEAREST CAL/OSHA OFFICE & PROVIDE COPY TO CCWD PRIOR TO CONSTRUCTION.
- AT AREAS ABOVE 2,500 FEET ELEVATION, ALL CASTING AND CONCRETE COLLARS IN THE ROADWAY SHALL BE DEPRESSED 1/4 INCH FOR SNOWPLOWING.
- CONNECTIONS TO EXISTING WATER FACILITIES SHALL HAVE PRIOR APPROVAL BEFORE PROCEEDING AND BE DONE IN ACCORDANCE WITH CCWD TIE-IN PROCEDURES, PLANS, AND SPECIFICATIONS.
- THE CONTRACTOR SHALL HAVE A COPY OF CCWD APPROVED CONSTRUCTION PLANS AND SPECIFICATIONS ON SITE. SPECIFICATIONS, SPECIFIC NOTES, AND DETAIL DRAWINGS THEREON WHICH SHALL TAKE PRECEDENCE OVER GENERAL DRAWINGS AND PLANS UNLESS OTHERWISE DIRECTED BY THE DISTRICT ENGINEER. ANY DEVIATION FROM APPROVED PLANS DURING CONSTRUCTION WILL REQUIRE PRIOR WRITTEN NOTICE TO CCWD, OTHER APPROPRIATE PUBLIC AGENCIES, AND SHALL REQUIRE APPROVAL BY CCWD.
- ONLY CCWD PERSONNEL SHALL OPERATE EXISTING FACILITIES.
- THE HIGHEST REQUIRED FIRE FLOW IS 1,000 GPM AT 20 PSIG RESIDUAL.
- TANKS SHALL BE DISINFECTED, TESTED, AND INSTALLED IN ACCORDANCE WITH AWWA STANDARDS.

ABBREVIATIONS

AB	AGGREGATE BASE	PSF	POUNDS PER SQUARE FOOT
ARV	AIR RELEASE VALVE	PSI	POUNDS PER SQUARE INCH
ACP	ASBESTOS CONCRETE PIPE	PVC	POLYVINYL CHLORIDE
AC	ASPHALT CONCRETE	PRV	PRESSURE REDUCING VALVE
BFD	BACK FLOW DEVICE	RCP	REINFORCED CONCRETE PIPE
BV	BALL VALVE	REINF	REINFORCEMENT
BOV	BLOW OFF VALVE	REQ'D	REQUIRED
BFV	BUTTERFLY VALVE	ROW	RIGHT-OF-WAY
CO	CLEANOUT	SS	SANITARY SEWER
CLR	CLEARANCE	SCH	SCHEDULE
CONC	CONCRETE	SQ	SQUARE
CONT	CONTINUOUS	SF	SQUARE FEET
DIA/Ø	DIAMETER	SST	STAINLESS STEEL
DBL	DOUBLE	SD	STORM DRAIN
DDCV	DOUBLE DETECTOR CHECK VALVE	SRV	SURGE RELIEF VALVE
DWY	DRIVEWAY	TEMP	TEMPORARY
DIP	DUCTILE IRON PIPE	THK	THICK
EW	EACH WAY	TYP	TYPICAL
EA	EACH	UNO	UNLESS NOTED OTHERWISE
ESMT	EASEMENT	V	VOLTS
E	EASTING	WL	WATER LEVEL
EOP	EDGE OF PAVEMENT	WM	WATER METER
EL/ELEV	ELEVATION	WSE	WATER SURFACE ELEVATION
(E)	EXISTING	WSP	WELDED STEEL PIPE
FT	FEET	WWM	WELDED WIRE MESH
FF	FINISH FLOOR	W/	WITH
FG	FINISHED GRADE		
FH	FIRE HYDRANT		
FL	FLANGED/FLOWLINE		
FM	FORCE MAIN		
FPVC	FUSIBLE POLYVINYL CHLORIDE		
GAL	GALLONS		
GPM	GALLONS PER MINUTE		
GSP	GALVANIZED STEEL PIPE		
GV	GATE VALVE		
GA	GAUGE		
GR	GRATE		
HDPE	HIGH-DENSITY POLYETHYLENE		
HP	HORSEPOWER		
IE	INVERT ELEVATION		
INV	INVERT		
IPT	IRON PIPE THREAD		
IRRIIG	IRRIGATION		
LF	LINEAR FEET		
MH	MANHOLE		
MAX	MAXIMUM		
MJ	MECHANICAL JOINT		
MIN	MINIMUM		
M	MOTOR		
(N)	NEW		
NPW	NON-POTABLE WATER		
NTS	NOT TO SCALE		
N	NORTHING		
OC	ON CENTER		
OD	OUTSIDE DIAMETER		
PVMT	PAVEMENT		
PE	PLAIN END		
PCC	PORTLAND CEMENT CONCRETE		

LEGEND

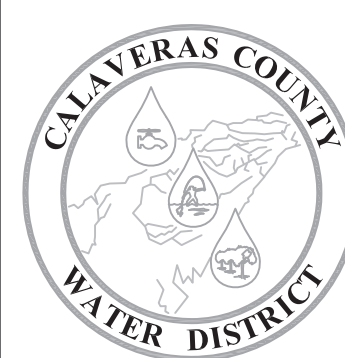
PROPOSED		EXISTING
	STORM DRAIN & SIZE	
	SANITARY SEWER & SIZE	
	FORCE MAIN & SIZE	
	WATER MAIN & SIZE	
●	MANHOLE	●
■	DRAIN INLET	■
●	FIRE HYDRANT	●
⋈	GATE VALVE	⋈
▼⊙	AIR RELEASE VALVE	▼⊙
⊞	BLOW-OFF VALVE	⊞
⊞	BORE PIT LOCATION	N/A
■	WATER SERVICE/METER	⊞
N/A	PROPERTY LINE	----
N/A	RIGHT OF WAY	-----
N/A	CENTERLINE	-----
N/A	CURB & GUTTER	=====
—x—x—x—x—	FENCE	—x—x—x—x—
10.0	PROP GROUND ELEVATION	10.0
10.00	FINISH GRADE ELEVATION	10.00
FL=	FLOWLINE ELEVATION	FL=
→	SHEET DRAINAGE FLOW	→
Y Y Y Y	SLOPE (CUT or FILL)	N/A
10	INDEX CONTOUR LINE	-----10-----
8	INTERMEDIATE CONTOUR LINE	-----8-----
N/A	NATURAL GROUND ELEVATION	x-ELEV
→	FLOW ARROW	→
N/A	TREE	⊙
A M1	SECTION DETAIL LOCATOR	N/A
1 M1	DETAIL LOCATOR	N/A

PROJECT NOTES:

- FOR SOIL BORING LOGS, ESTIMATED DEPTH TO ROCK, GROUNDWATER, AND TRENCHING RECOMMENDATION SEE THE "GEOTECHNICAL INVESTIGATION REPORT", PREPARED BY CONDOR EARTH TECHNOLOGIES, INC. 21663 BRIAN LANE, SONORA, CA 95370 - PH. (209) 532-0361.
- THERE IS NO TRACER WIRE BURIED WITH THE WATER PIPE. THE PIPE AS SHOWN ON THE PLANS IS BASED ON LOCATED BY CALAVERAS COUNTY WATER DISTRICT, AND MAY NOT REFLECT THE EXACT LOCATION OF THE EXISTING PIPE, ANGLE POINTS AND MISCELLANEOUS APPURTENANCES.
- INDIVIDUAL SERVICE INTERRUPTIONS SHALL BE SCHEDULED DURING TIMES CONVENIENT FOR THE CUSTOMER. THE CUSTOMER SHALL BE NOTIFIED 7 DAYS PRIOR TO THE SCHEDULED SHUT DOWN BY MAIL AND FLYER OR DOOR TAGS. AN INDIVIDUAL SERVICE SHUTDOWN SHALL NOT BE LONGER THAN 8 HOURS IN DURATION. A NETWORK PIPELINE CONNECTION SHUTDOWN SHALL NOT BE LONGER THAN 8 HOURS IN DURATION.

DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:

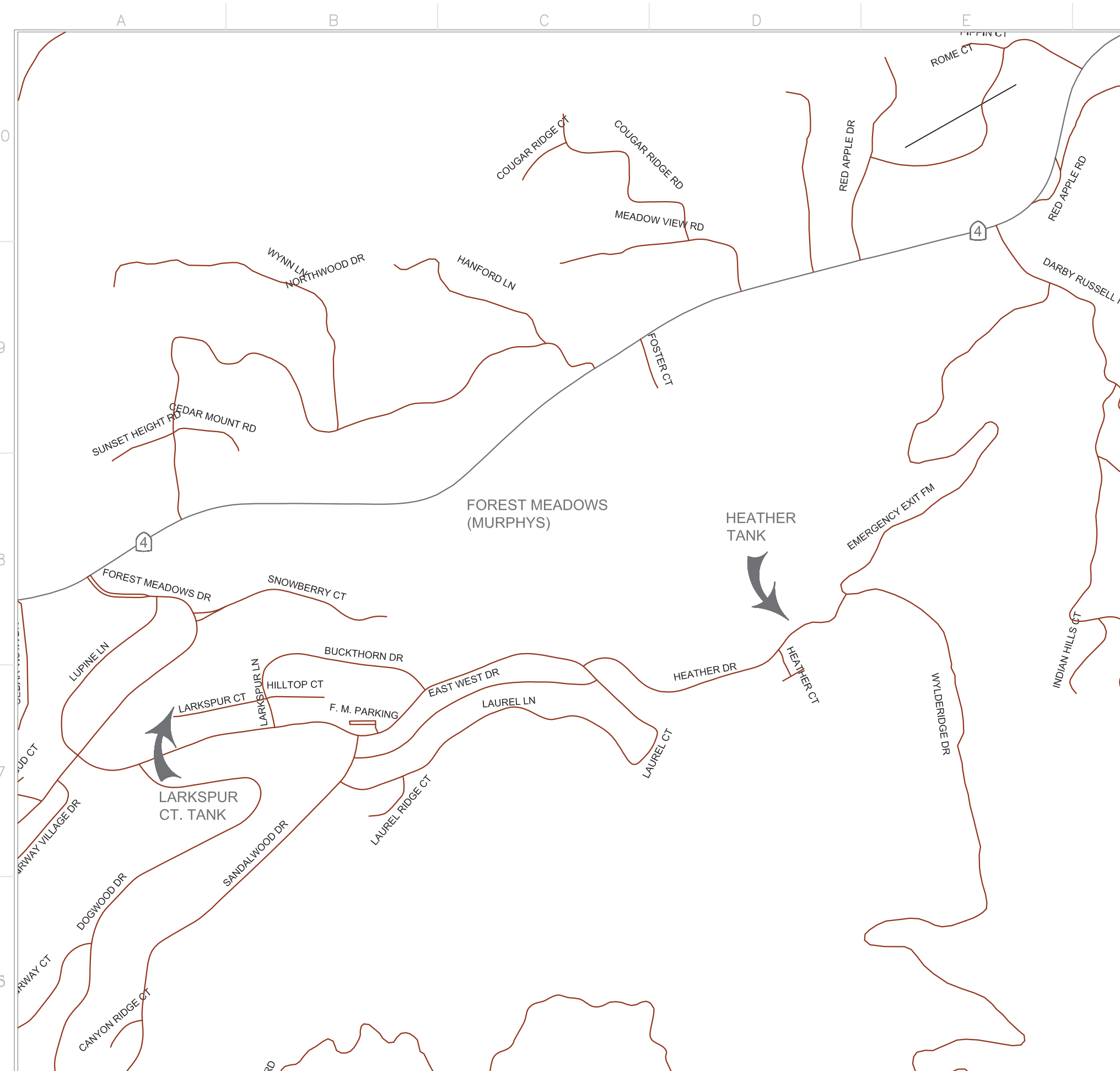


**CALAVERAS COUNTY
WATER DISTRICT**

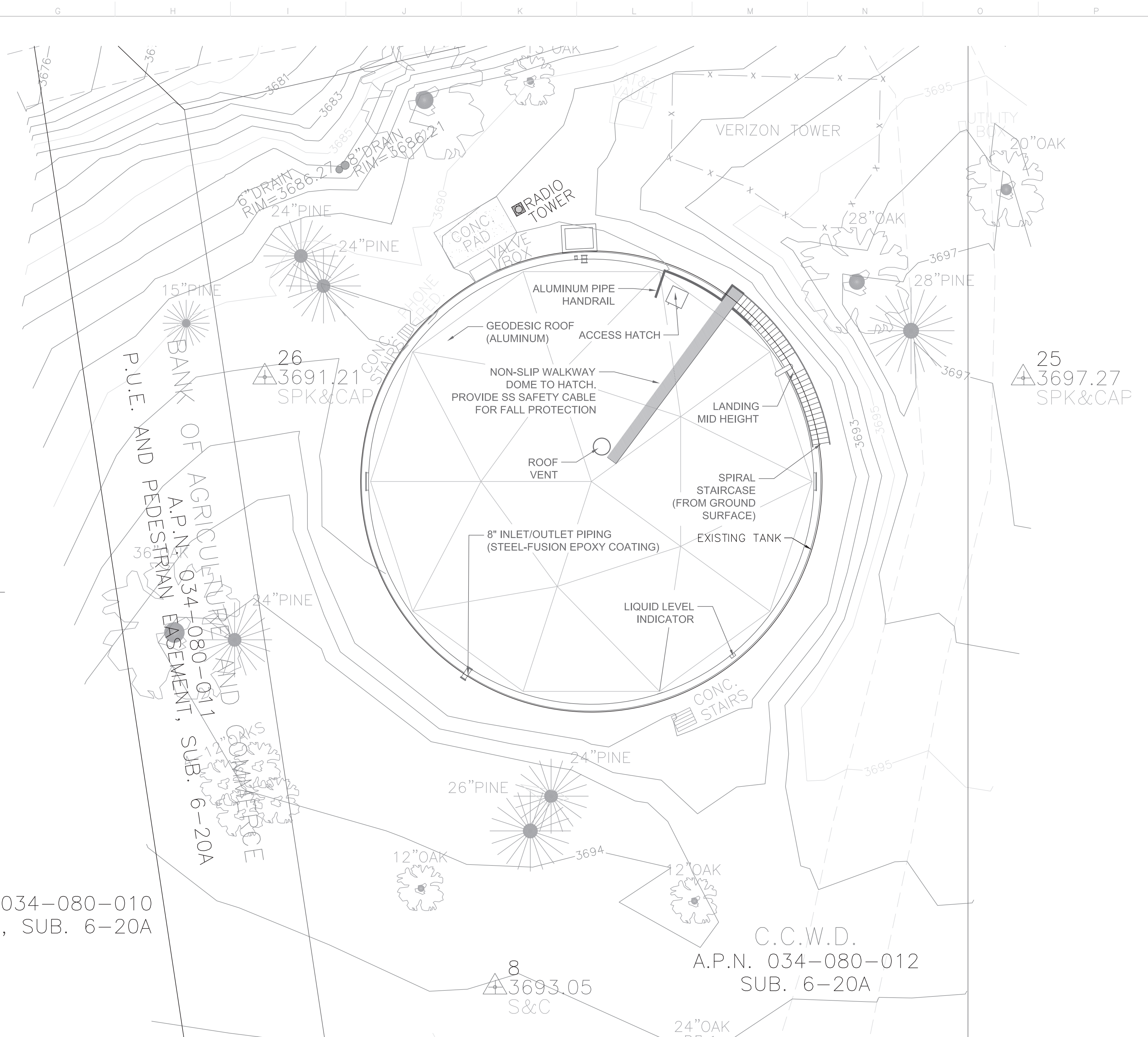
120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

CIVIL GENERAL NOTES
EBBETTS PASS REDWOOD WATER STORAGE TANKS
STORAGE TANKS MATERIALS PROCUREMENT

11095
 PROJECT NUMBER
G2
 DRAWING NUMBER
2 OF 12
 SHEET NUMBER



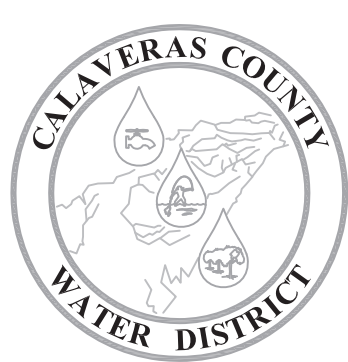
VICINITY MAP



A.P.N. 034-080-010
LOT 10, SUB. 6-20A

C.C.W.D.
A.P.N. 034-080-012
SUB. 6-20A

DESIGNED BY: K. WILLIAMS	REVISION:	DESCRIPTION:	DATE:	BY:
DRAFTED BY: K. WILLIAMS				
CHECKED BY:				
DATE: 2/22/2021				
SCALE: NO SCALE				
BAR LENGTH ONE INCH ON SCALED DRAWING				

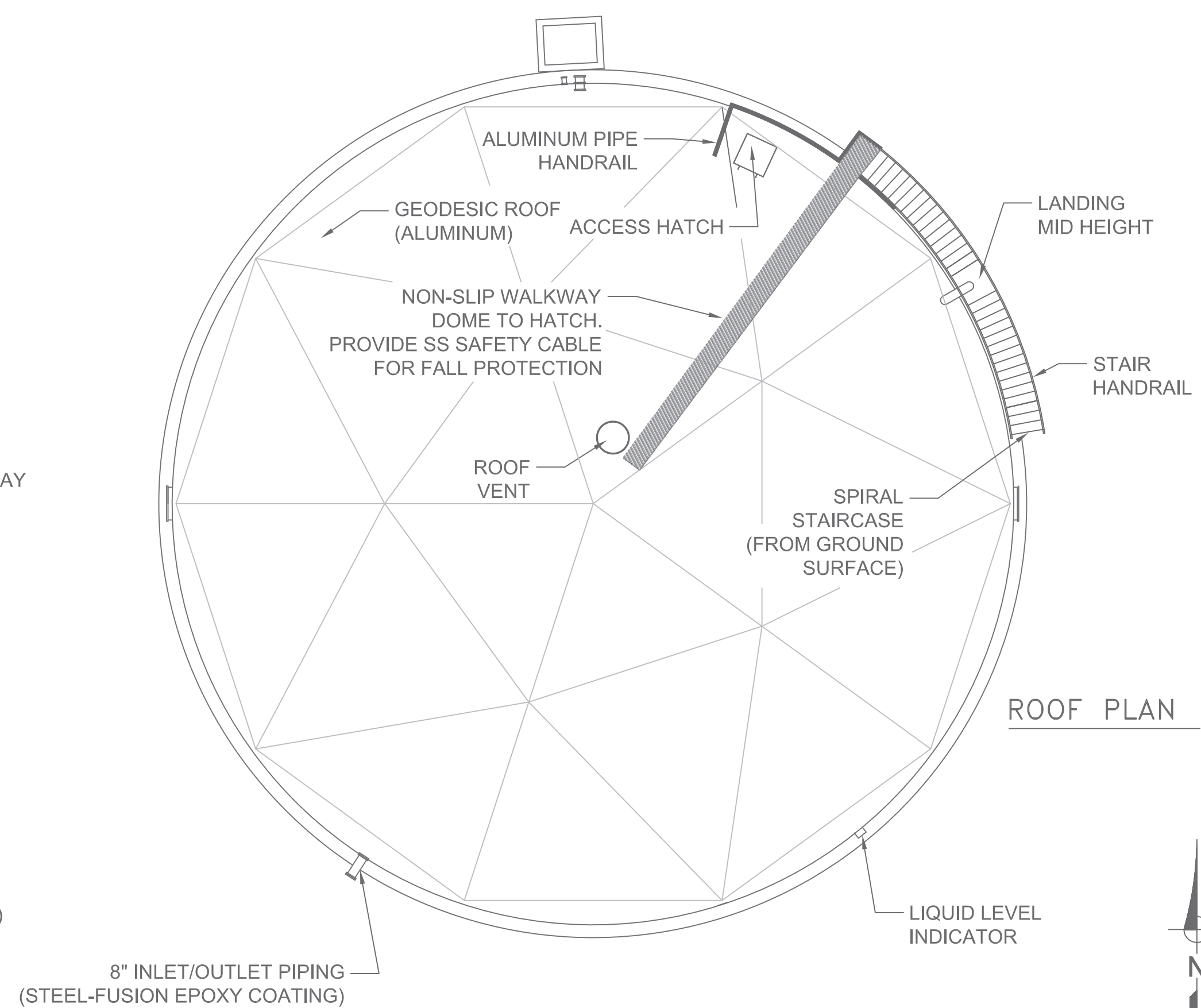
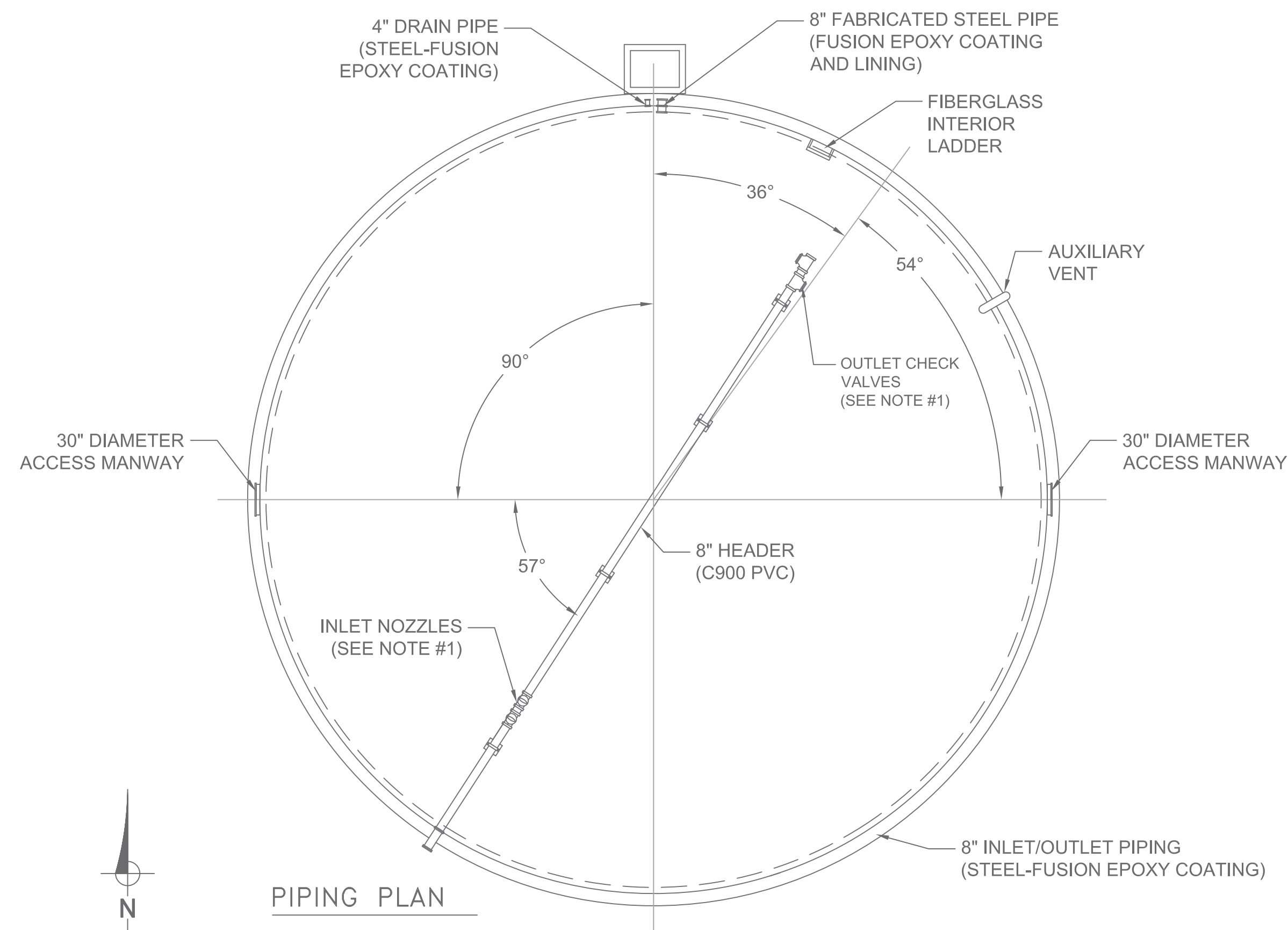


**CALAVERAS COUNTY
WATER DISTRICT**

120 TOMA COURT
POST OFFICE BOX 846
SAN ANDREAS, CALIFORNIA 95249
PHONE: (209) 754-3543

HEATHER DR. TANK SITE PLAN
EBBETTS PASS REDWOOD WATER STORAGE TANKS
STORAGE TANKS MATERIALS PROCUREMENT

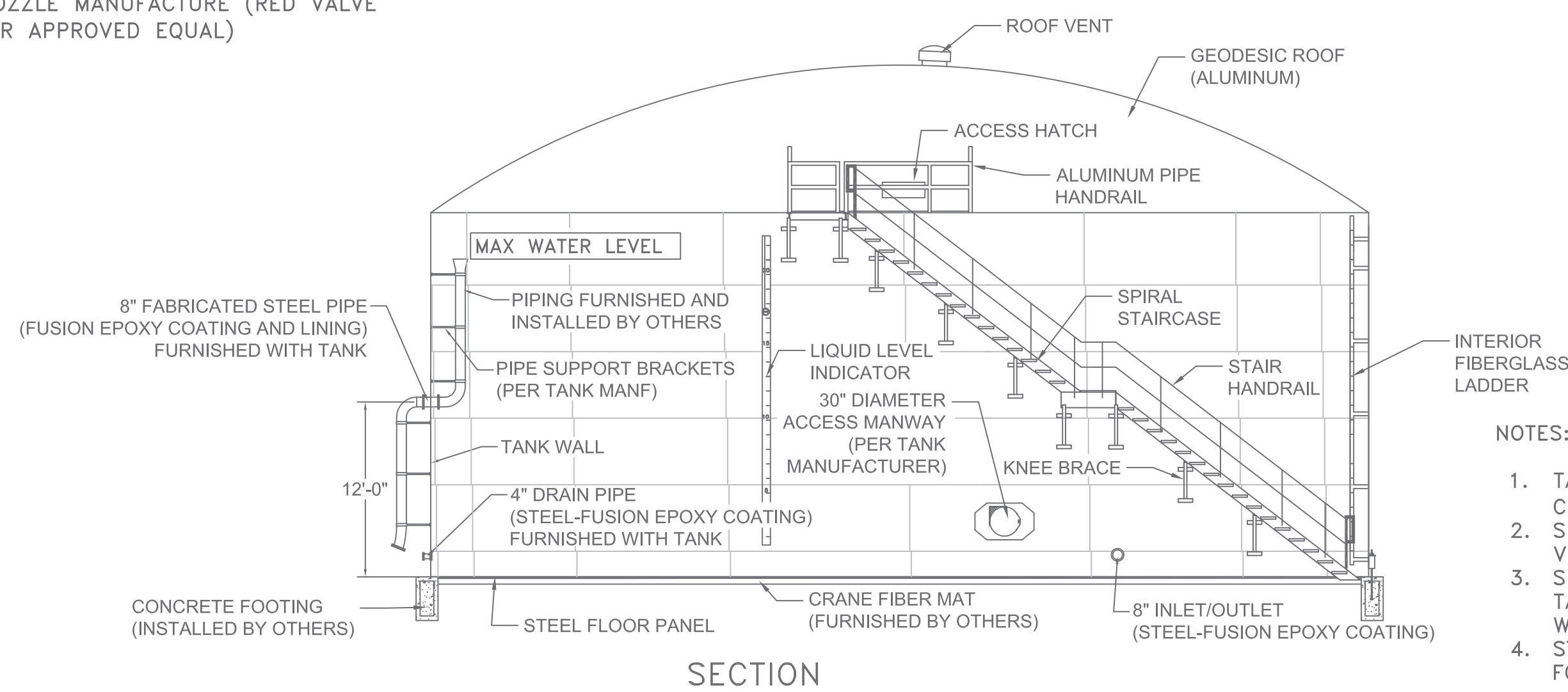
11095
PROJECT NUMBER
C1
DRAWING NUMBER
3 OF 12
SHEET NUMBER



- NOTES:
1. MANIFOLD TO BE DESIGNED BY NOZZLE MANUFACTURE (RED VALVE TIDEFLEX MIXING SYSTEM (TMS) OR APPROVED EQUAL)
 2. INFLOW 50-600 GPM
 3. OUTFLOW 2,000 GPM.

HEATHER DRIVE TANK
PROPOSED DIMENSIONS
CAPACITY = 510,000 GALLONS
DIAMETER = 64 FEET
HEIGHT = 25 FEET
LAT: 38.1709, LONG: -120.3877

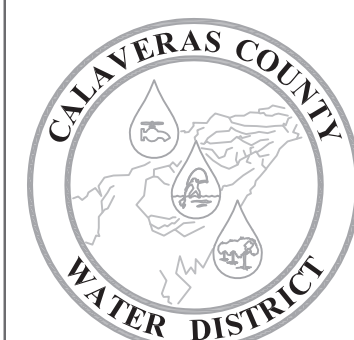
THE TANK MANUFACTURE SHALL DESIGN THE TANKS, FOUNDATION AND ROOFS ACCORDING TO AWWA D103 AND THE PROJECT DRAWINGS AND SPECIFICATIONS. THE SHELL HEIGHT AND DIAMETER LISTED HEREIN ARE NOMINAL DIMENSIONS AND MAY VARY SLIGHTLY FROM MANUFACTURES STANDARDS. THE MANUFACTURE SUPPLIED SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A QUALIFIED CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER.



- NOTES:
1. TANK APPURTENANCES SHOWN OUT OF ROTATION FOR CLARITY (SEE PLAN FOR TRUE ORIENTATION)
 2. SIDEWALL HEIGHTS AND MAXIMUM WATER LEVELS TO BE VERIFIED WITH MANUFACTURES DRAWINGS.
 3. SPIRAL STAIRCASES TO BE DESIGNED WITH THE STORAGE TANK FOR SNOW LOADING. STANDARD DUTY STAIRCASES WILL NOT BE ALLOWED.
 4. STAIRCASE AND STAIR HANDRAIL TO BE POWDER COATED FOREST GREEN TO MATCH TANK COLOR.

DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:

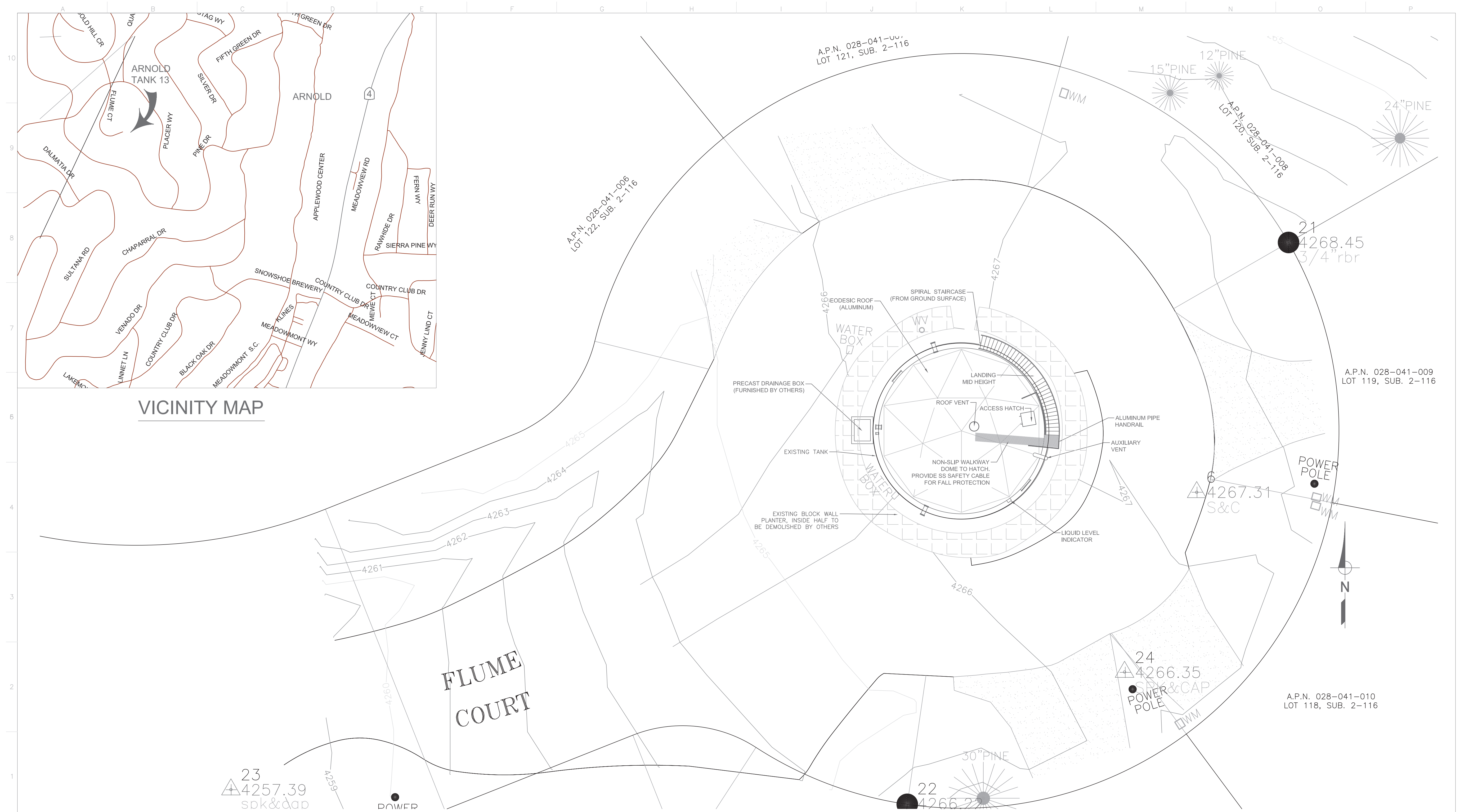


CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

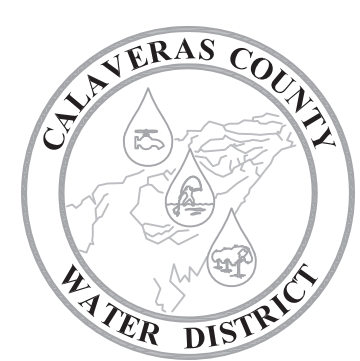
HEATHER DR. TANK RENOVATION PLAN
 EBBETTS PASS REDWOOD WATER STORAGE TANKS
 STORAGE TANKS MATERIALS PROCUREMENT

11095
 PROJECT NUMBER
 C2
 DRAWING NUMBER
 4 OF 12
 SHEET NUMBER



DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:



CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

ARNOLD 13 TANK SITE PLAN

EBBETTS PASS REDWOOD WATER STORAGE TANKS

STORAGE TANKS MATERIALS PROCUREMENT

11095

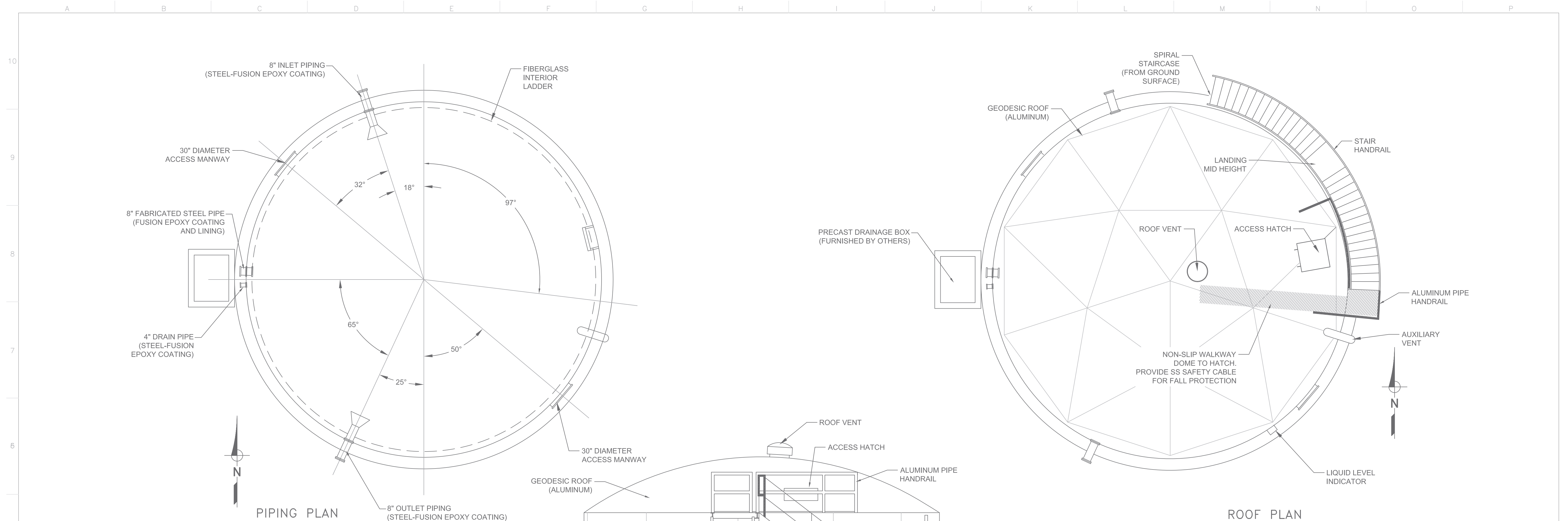
PROJECT NUMBER

C3

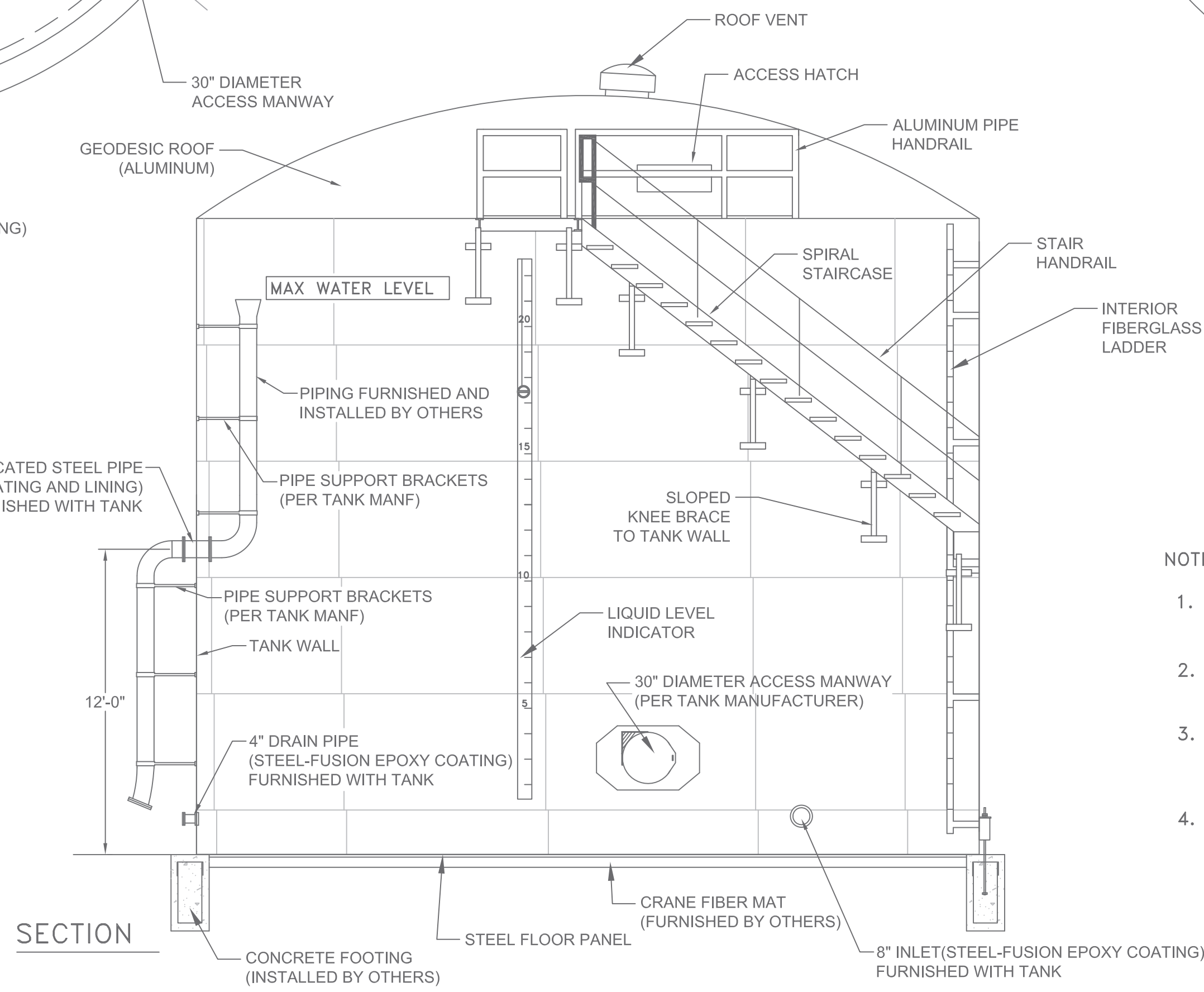
DRAWING NUMBER

5 OF 12

SHEET NUMBER



ARNOLD TANK 13
PROPOSED DIMENSIONS
CAPACITY = 120,000 GALLONS
DIAMETER = 31 FEET
HEIGHT = 25 FEET
LAT: 38.2473, LONG: -120.3688

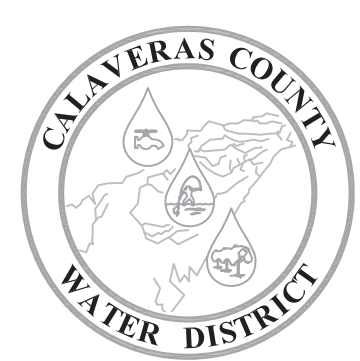


- NOTES:
1. TANK APPURTENANCES SHOWN OUT OF ROTATION FOR CLARITY (SEE PLAN FOR TRUE ORIENTATION)
 2. SIDEWALL HEIGHTS AND MAXIMUM WATER LEVELS TO BE VERIFIED WITH MANUFACTURES DRAWINGS.
 3. SPIRAL STAIRCASES TO BE DESIGNED WITH THE STORAGE TANK FOR SNOW LOADING. STANDARD DUTY STAIRCASES WILL NOT BE ALLOWED.
 4. STAIRCASE AND STAIR HANDRAIL TO BE POWDER COATED FOREST GREEN TO MATCH TANK COLOR.

THE TANK MANUFACTURE SHALL DESIGN THE TANKS, FOUNDATION AND ROOFS ACCORDING TO AWWA D103 AND THE PROJECT DRAWINGS AND SPECIFICATIONS. THE SHELL HEIGHT AND DIAMETER LISTED HEREIN ARE NOMINAL DIMENSIONS AND MAY VARY SLIGHTLY FROM MANUFACTURES STANDARDS. THE MANUFACTURE SUPPLIED SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A QUALIFIED CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER.

DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:

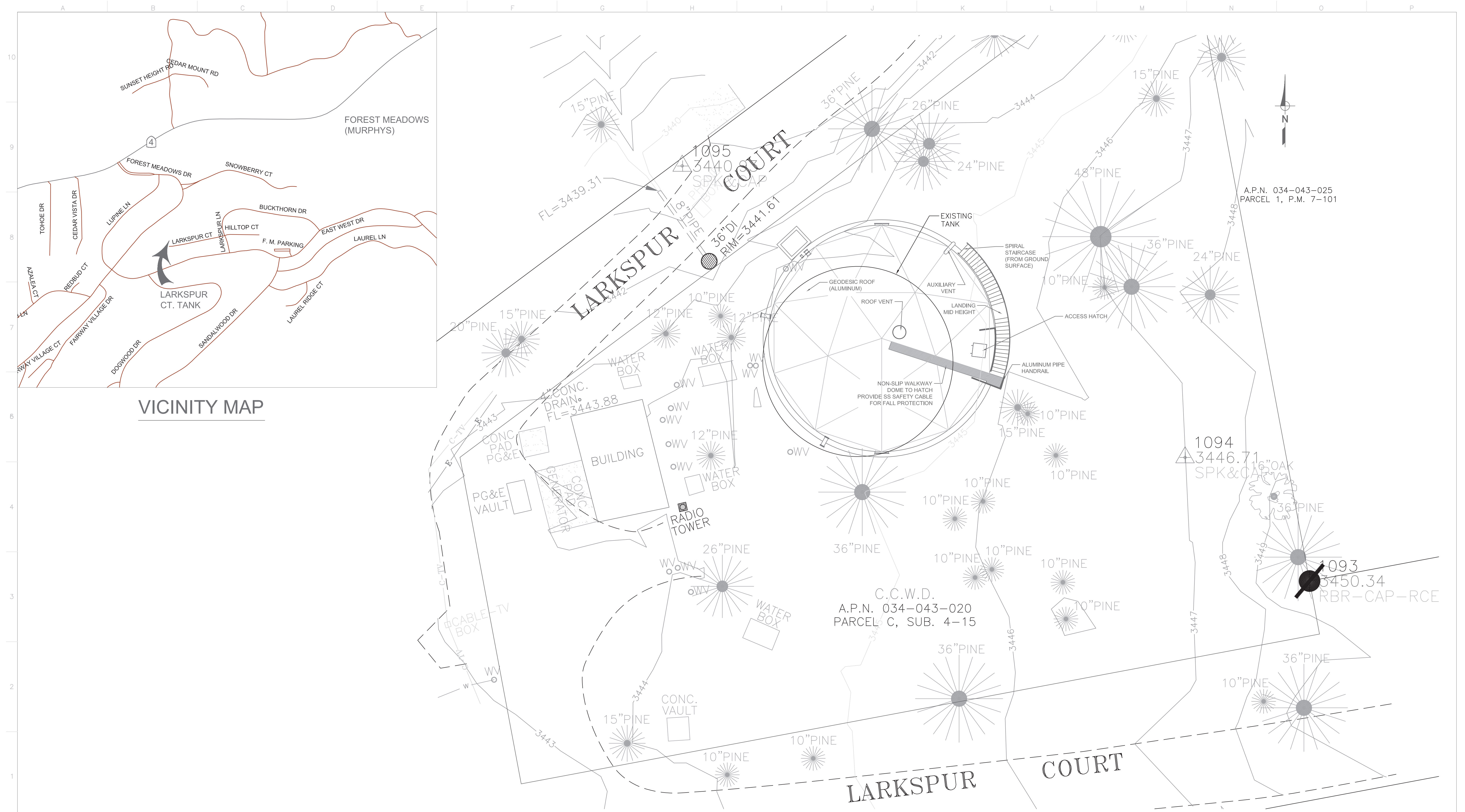


CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

ARNOLD 13 TANK RENOVATION PLAN
 EBBETTS PASS REDWOOD WATER STORAGE TANKS
 STORAGE TANKS MATERIALS PROCUREMENT

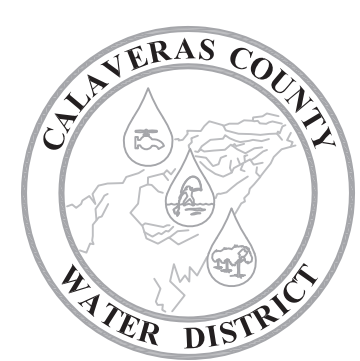
11095
PROJECT NUMBER
C4
DRAWING NUMBER
6 OF 12
SHEET NUMBER



VICINITY MAP

DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

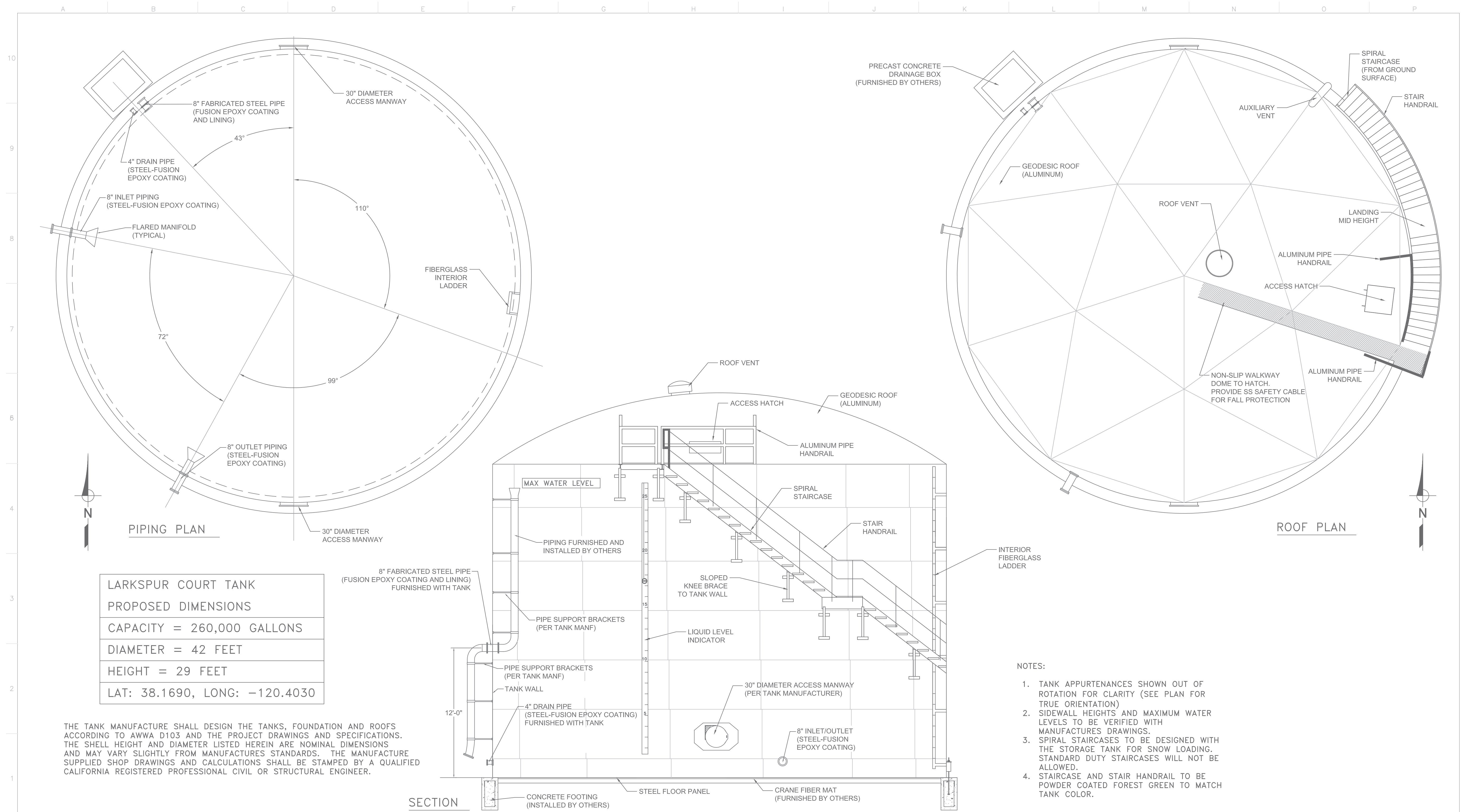
REVISION:	DESCRIPTION:	DATE:	BY:



CALAVERAS COUNTY WATER DISTRICT
 120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

LARKSPUR LANE TANK SITE PLAN
EBBETTS PASS REDWOOD WATER STORAGE TANKS
STORAGE TANKS MATERIALS PROCUREMENT

11095
 PROJECT NUMBER
C5
 DRAWING NUMBER
7 OF 12
 SHEET NUMBER



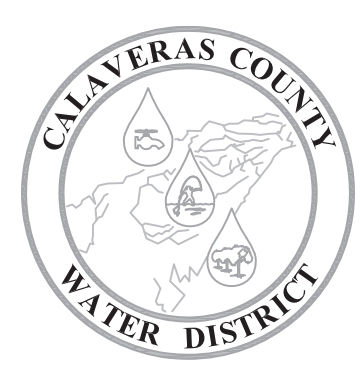
**LARKSPUR COURT TANK
PROPOSED DIMENSIONS**

CAPACITY = 260,000 GALLONS
DIAMETER = 42 FEET
HEIGHT = 29 FEET
LAT: 38.1690, LONG: -120.4030

THE TANK MANUFACTURE SHALL DESIGN THE TANKS, FOUNDATION AND ROOFS ACCORDING TO AWWA D103 AND THE PROJECT DRAWINGS AND SPECIFICATIONS. THE SHELL HEIGHT AND DIAMETER LISTED HEREIN ARE NOMINAL DIMENSIONS AND MAY VARY SLIGHTLY FROM MANUFACTURES STANDARDS. THE MANUFACTURE SUPPLIED SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A QUALIFIED CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER.

- NOTES:**
1. TANK APPURTENANCES SHOWN OUT OF ROTATION FOR CLARITY (SEE PLAN FOR TRUE ORIENTATION)
 2. SIDEWALL HEIGHTS AND MAXIMUM WATER LEVELS TO BE VERIFIED WITH MANUFACTURES DRAWINGS.
 3. SPIRAL STAIRCASES TO BE DESIGNED WITH THE STORAGE TANK FOR SNOW LOADING. STANDARD DUTY STAIRCASES WILL NOT BE ALLOWED.
 4. STAIRCASE AND STAIR HANDRAIL TO BE POWDER COATED FOREST GREEN TO MATCH TANK COLOR.

DESIGNED BY: K. WILLIAMS	REVISION:	DESCRIPTION:	DATE:	BY:
DRAFTED BY: K. WILLIAMS				
CHECKED BY:				
DATE: 2/22/2021				
SCALE: NO SCALE				
BAR LENGTH ONE INCH ON SCALED DRAWING				

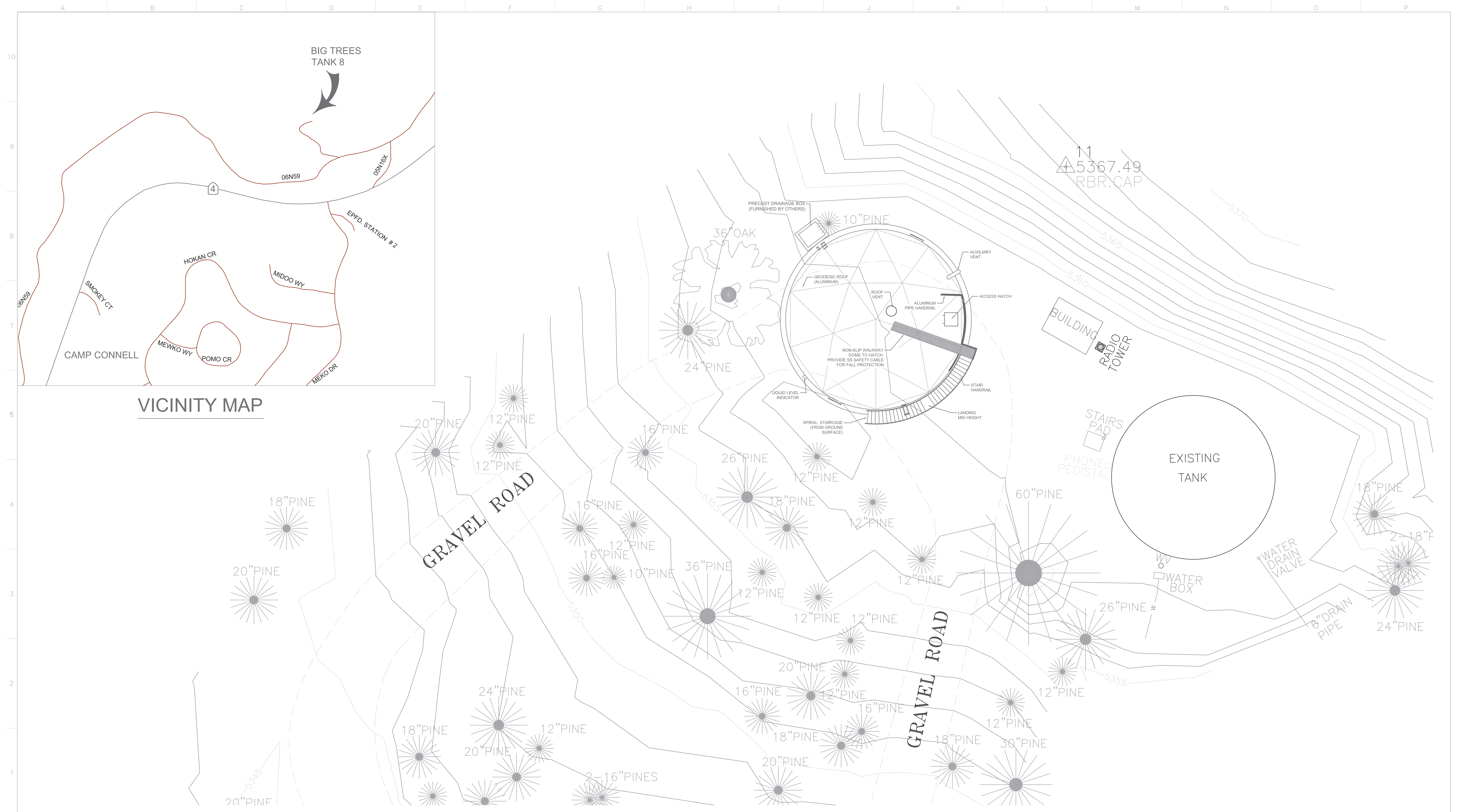


**CALAVERAS COUNTY
WATER DISTRICT**

120 TOMA COURT
POST OFFICE BOX 846
SAN ANDREAS, CALIFORNIA 95249
PHONE: (209) 754-3543

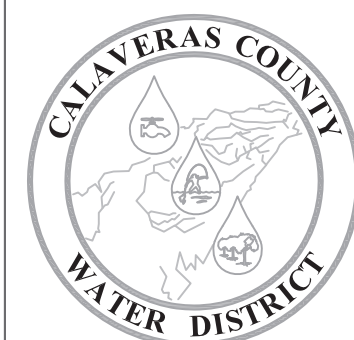
LARKSPUR LANE TANK RENOVATION PLAN
EBBETTS PASS REDWOOD WATER STORAGE TANKS
STORAGE TANKS MATERIALS PROCUREMENT

11095
PROJECT NUMBER
C6
DRAWING NUMBER
8 OF 12
SHEET NUMBER



DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:

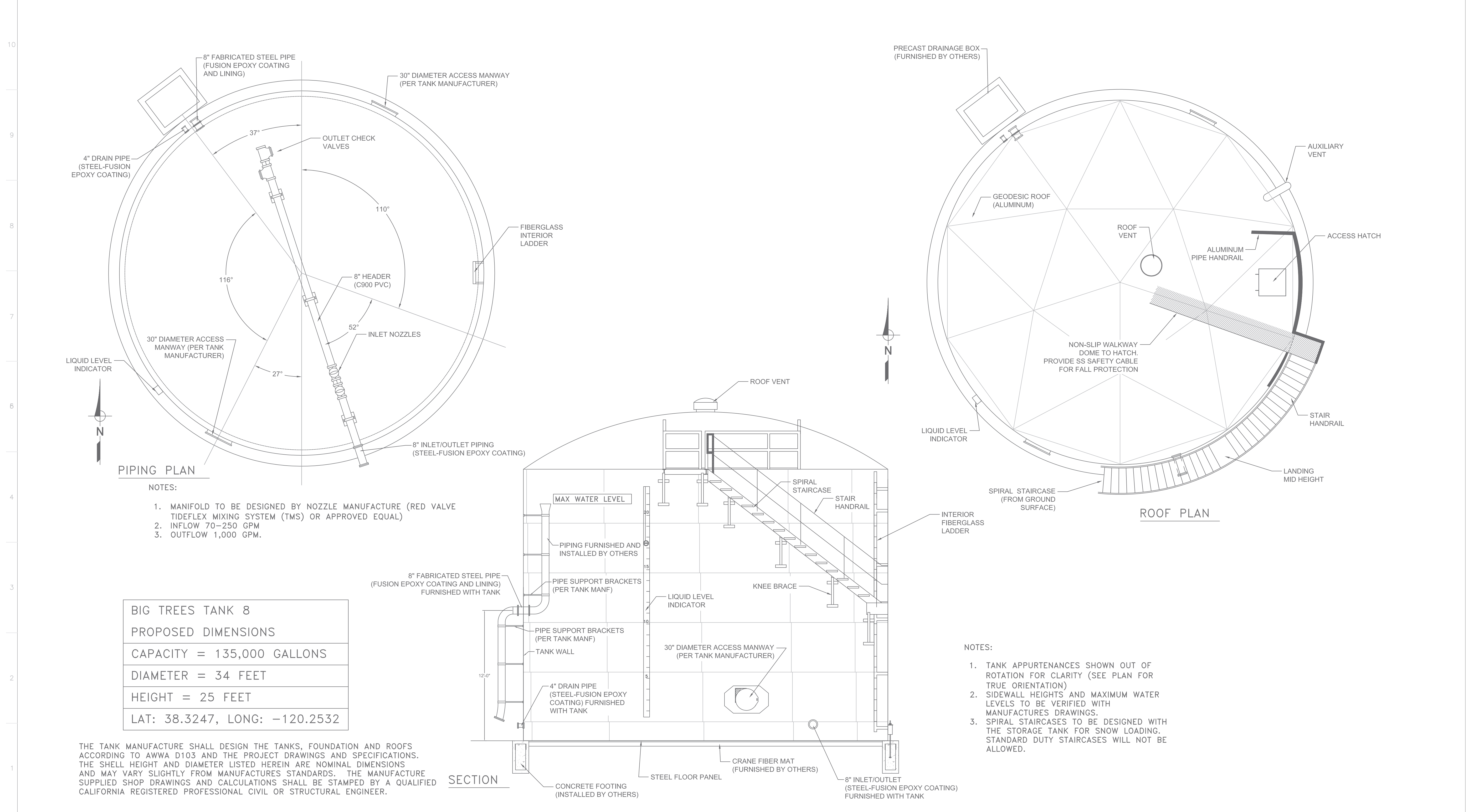


**CALAVERAS COUNTY
 WATER DISTRICT**

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

BIG TREES 8 TANK SITE PLAN
 EBBETTS PASS REDWOOD WATER STORAGE TANKS
 STORAGE TANKS MATERIALS PROCUREMENT

11095
PROJECT NUMBER
C7
DRAWING NUMBER
9 OF 12
SHEET NUMBER



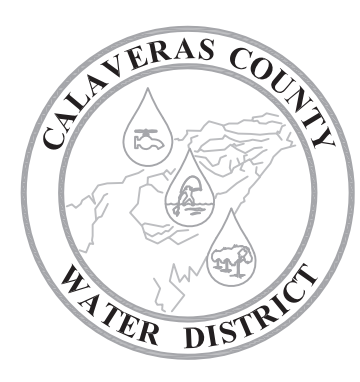
- NOTES:
1. MANIFOLD TO BE DESIGNED BY NOZZLE MANUFACTURE (RED VALVE TIDEFLEX MIXING SYSTEM (TMS) OR APPROVED EQUAL)
 2. INFLOW 70-250 GPM
 3. OUTFLOW 1,000 GPM.

BIG TREES TANK 8
PROPOSED DIMENSIONS
CAPACITY = 135,000 GALLONS
DIAMETER = 34 FEET
HEIGHT = 25 FEET
LAT: 38.3247, LONG: -120.2532

THE TANK MANUFACTURE SHALL DESIGN THE TANKS, FOUNDATION AND ROOFS ACCORDING TO AWWA D103 AND THE PROJECT DRAWINGS AND SPECIFICATIONS. THE SHELL HEIGHT AND DIAMETER LISTED HEREIN ARE NOMINAL DIMENSIONS AND MAY VARY SLIGHTLY FROM MANUFACTURES STANDARDS. THE MANUFACTURE SUPPLIED SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A QUALIFIED CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER.

- NOTES:
1. TANK APPURTENANCES SHOWN OUT OF ROTATION FOR CLARITY (SEE PLAN FOR TRUE ORIENTATION)
 2. SIDEWALL HEIGHTS AND MAXIMUM WATER LEVELS TO BE VERIFIED WITH MANUFACTURES DRAWINGS.
 3. SPIRAL STAIRCASES TO BE DESIGNED WITH THE STORAGE TANK FOR SNOW LOADING. STANDARD DUTY STAIRCASES WILL NOT BE ALLOWED.

DESIGNED BY: K. WILLIAMS	REVISION:	DESCRIPTION:	DATE:	BY:
DRAFTED BY: K. WILLIAMS				
CHECKED BY:				
DATE: 2/22/2021				
SCALE: NO SCALE				
BAR LENGTH ONE INCH ON SCALED DRAWING				



CALAVERAS COUNTY WATER DISTRICT

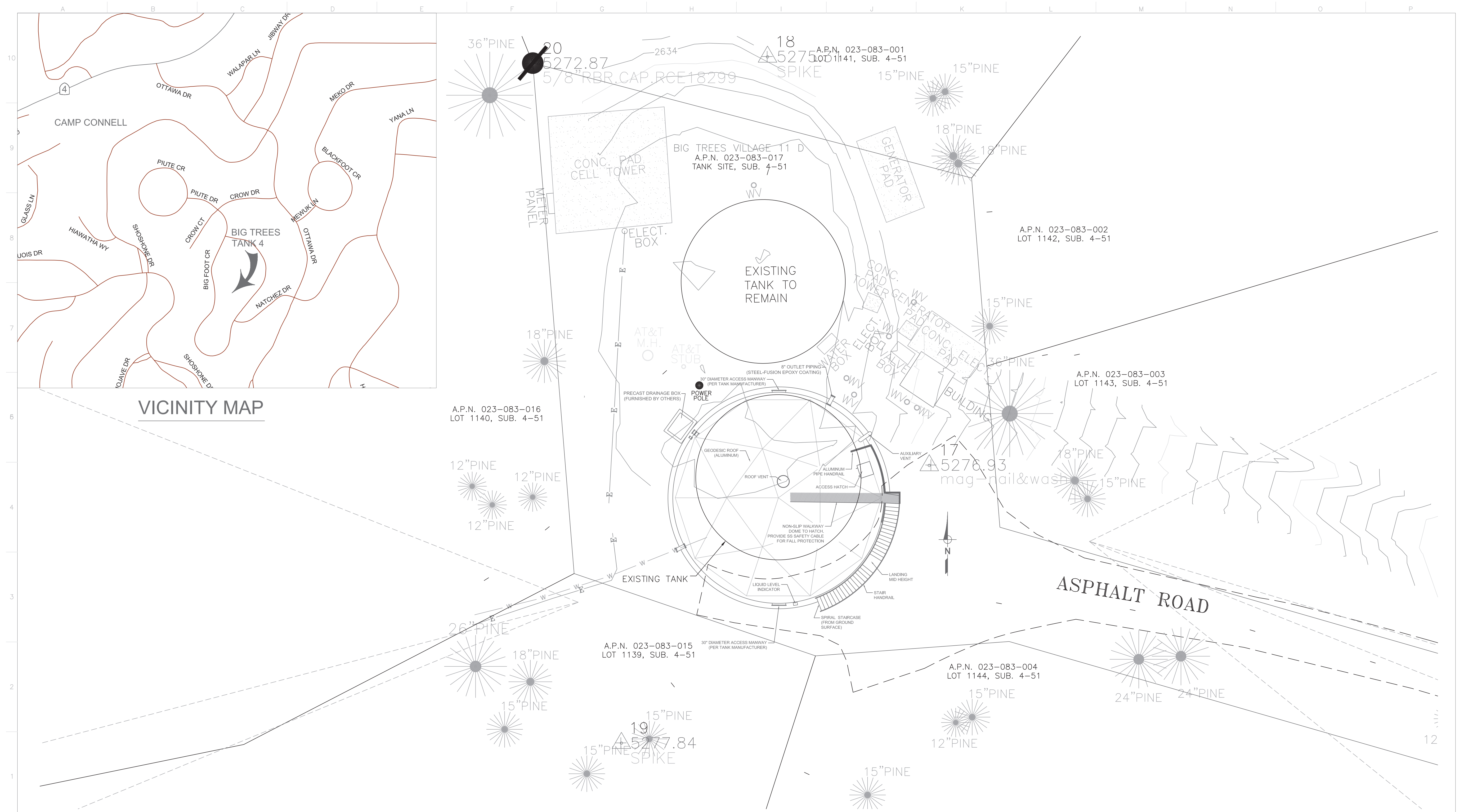
120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

BIG TREE TANK 8 RENOVATION PLAN

EBBETTS PASS REDWOOD WATER STORAGE TANKS

STORAGE TANKS MATERIALS PROCUREMENT

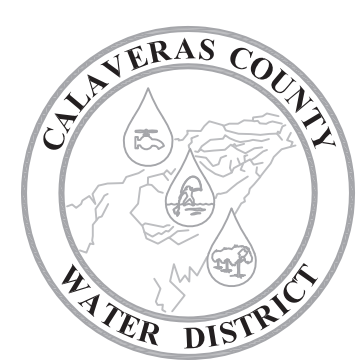
11095
PROJECT NUMBER
C8
DRAWING NUMBER
10 OF 12
SHEET NUMBER



VICINITY MAP

DESIGNED BY: K. WILLIAMS
 DRAFTED BY: K. WILLIAMS
 CHECKED BY:
 DATE: 2/22/2021
 SCALE: NO SCALE
 BAR LENGTH ONE INCH ON SCALED DRAWING

REVISION:	DESCRIPTION:	DATE:	BY:

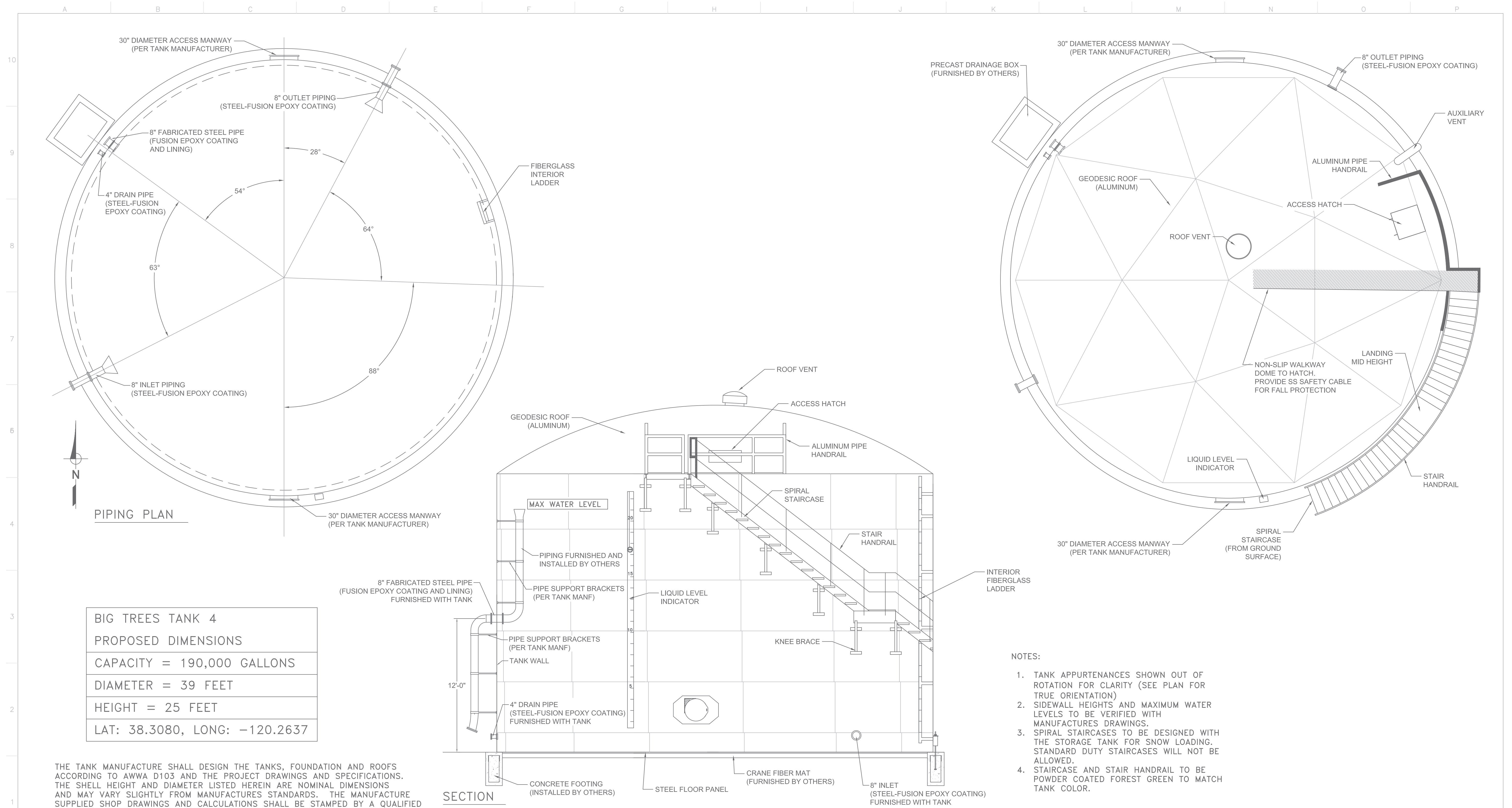


**CALAVERAS COUNTY
 WATER DISTRICT**

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

**BIG TREES 4 TANK SITE PLAN
 EBBETTS PASS REDWOOD WATER STORAGE TANKS
 STORAGE TANKS MATERIALS PROCUREMENT**

11095
PROJECT NUMBER
C9
DRAWING NUMBER
11 OF 12
SHEET NUMBER

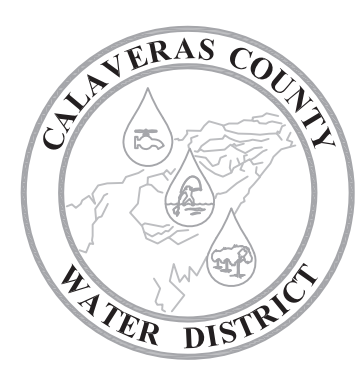


BIG TREES TANK 4
PROPOSED DIMENSIONS
CAPACITY = 190,000 GALLONS
DIAMETER = 39 FEET
HEIGHT = 25 FEET
LAT: 38.3080, LONG: -120.2637

THE TANK MANUFACTURE SHALL DESIGN THE TANKS, FOUNDATION AND ROOFS ACCORDING TO AWWA D103 AND THE PROJECT DRAWINGS AND SPECIFICATIONS. THE SHELL HEIGHT AND DIAMETER LISTED HEREIN ARE NOMINAL DIMENSIONS AND MAY VARY SLIGHTLY FROM MANUFACTURES STANDARDS. THE MANUFACTURE SUPPLIED SHOP DRAWINGS AND CALCULATIONS SHALL BE STAMPED BY A QUALIFIED CALIFORNIA REGISTERED PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER.

- NOTES:
1. TANK APPURTENANCES SHOWN OUT OF ROTATION FOR CLARITY (SEE PLAN FOR TRUE ORIENTATION)
 2. SIDEWALL HEIGHTS AND MAXIMUM WATER LEVELS TO BE VERIFIED WITH MANUFACTURES DRAWINGS.
 3. SPIRAL STAIRCASES TO BE DESIGNED WITH THE STORAGE TANK FOR SNOW LOADING. STANDARD DUTY STAIRCASES WILL NOT BE ALLOWED.
 4. STAIRCASE AND STAIR HANDRAIL TO BE POWDER COATED FOREST GREEN TO MATCH TANK COLOR.

DESIGNED BY: K. WILLIAMS	REVISION:	DESCRIPTION:	DATE:	BY:
DRAFTED BY: K. WILLIAMS				
CHECKED BY:				
DATE: 2/22/2021				
SCALE: NO SCALE				
BAR LENGTH ONE INCH ON SCALED DRAWING				



CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT
 POST OFFICE BOX 846
 SAN ANDREAS, CALIFORNIA 95249
 PHONE: (209) 754-3543

BIG TREE TANK 4 RENOVATION PLAN EBBETTS PASS REDWOOD WATER STORAGE TANKS STORAGE TANKS MATERIALS PROCUREMENT

11095
PROJECT NUMBER
C10
DRAWING NUMBER
12 OF 12
SHEET NUMBER