

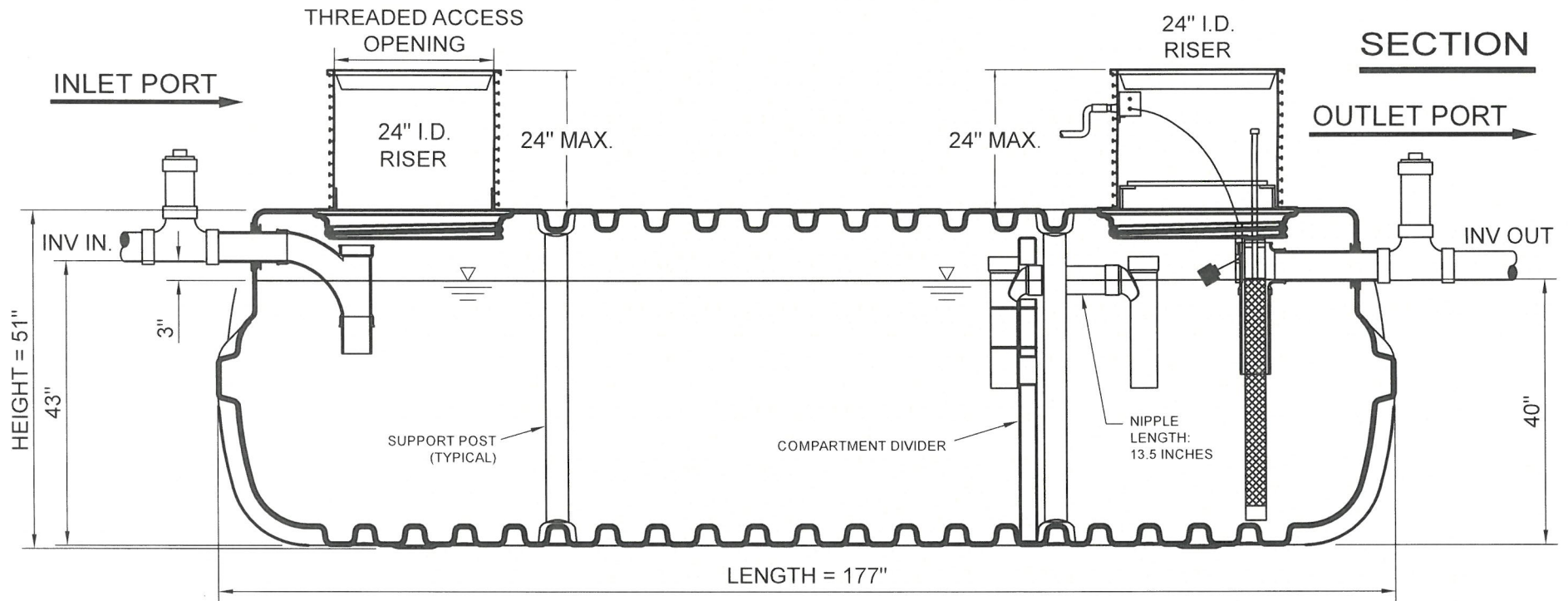


STEF & STEP Tank Details

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STEF & STEP Tank Details

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40" LIQUID LEVEL

TANK SPECIFICATIONS

DESIGN CAPACITY		TOTAL CAPACITY		WEIGHT
GALLONS	LITERS	GALLONS	LITERS	POUNDS
1500	5678	1771	6692	640

NOTES:

1. TANKS SHALL ONLY BE INSTALLED BY LICENSED CONTRACTORS THAT ARE MANUFACTURER CERTIFIED FOR INSTALLATION.
2. SHOWN WITH TYPE P COMPARTMENT DIVIDER WITH TEES CLOSE COUPLED, INSTALLED WITH STANDARD INFLOW AND OUTFLOW CONNECTIONS.
3. 2-WAY CLEAN OUT ON INLET AND OUTLET OF TANK; SOLVENT WELD CONNECTIONS REQUIRED; FERNCO COUPLINGS NOT ALLOWED.
4. FOR TANK LOCATED IN DRIVEWAY - SEE CITY OF CAMAS STEP & STEF TANK INSTALLATION INSTRUCTIONS.
5. SUPPORT POSTS REQUIRED FOR ALL 1500 GALLON TANKS
6. PIPE FROM TANK TO SERVICE STUB SHALL BE 4" ASTM D2241 PVC. CONNECT TO 4" SERVICE STUB WITH SOLVENT WELD COUPLER.

STEF (SEPTIC TANK EFFLUENT FILTER SYSTEM)
 SECTION VIEW TYPICAL 1500 GALLON TANK W/DUAL COMPARTMENT
 DRAWDOWN BIOTUBE EFFLUENT FILTER



SANITARY SEWER DETAIL

STEF & STEF 1500 GAL HDPE TANK - STEF SYSTEM

DETAIL APPROVED BY *[Signature]*

DATE 6/27/2023

NOT TO SCALE

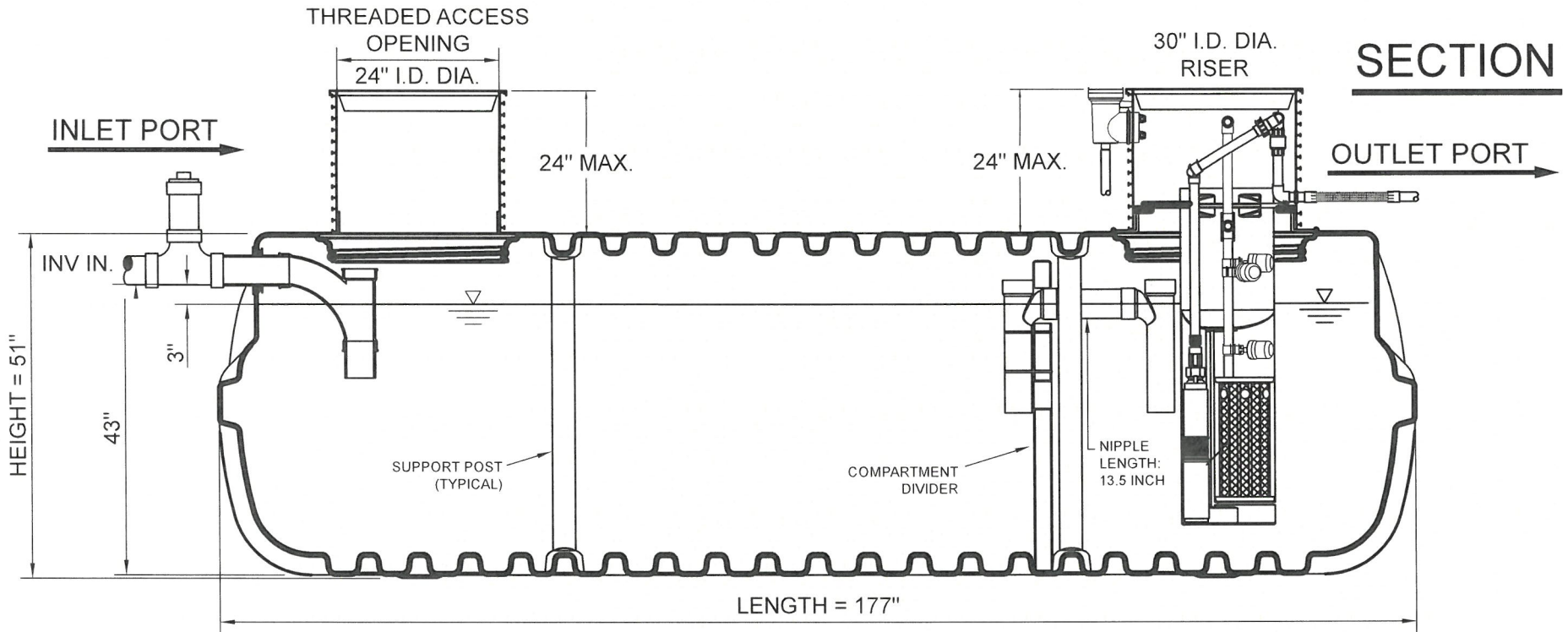
DETAIL NO.

S6A

REVISION: 3

DATE: 6/2023

STEF-STEP-TANK-1500 GAL.DWG



40" LIQUID LEVEL

TANK SPECIFICATIONS

DESIGN CAPACITY		TOTAL CAPACITY		WEIGHT
GALLONS	LITERS	GALLONS	LITERS	POUNDS
1500	5678	1771	6692	640

NOTES:

- TANKS SHALL ONLY BE INSTALLED BY LICENSED CONTRACTORS THAT ARE MANUFACTURER CERTIFIED FOR INSTALLATION.
- SHOWN WITH TYPE P COMPARTMENT DIVIDER WITH TEES CLOSE COUPLED, INSTALLED WITH ORENCO PUMP BIOTUBE IN THE OUTLET COMPARTMENT.
- 2-WAY CLEAN OUT ON TANK INLET; SOLVENT WELD CONNECTIONS REQUIRED; FERNCO COUPLINGS NOT ALLOWED.
- FOR TANK LOCATED IN DRIVEWAY - SEE CITY OF CAMAS STEP & STEF TANK INSTALLATION INSTRUCTIONS.
- SUPPORT POSTS REQUIRED FOR ALL 1500 GALLON TANKS.
- INSTALL 1" HDPE PIPE TO STEP VALVE BOX AND FUSE TO 1" HDPE SERVICE. CONNECT TO 1" PVC INSIDE TANK RISER WITH STAINLESS MNPT X HDPE COUPLER.

STEP (SEPTIC TANK EFFLUENT PUMP SYSTEM)
SECTION VIEW TYPICAL 1500 GALLON TANK W/ PUMP BIOTUBE
EFFLUENT FILTER



SANITARY SEWER DETAIL

STEF & STEF 1500 GAL HDPE TANK - STEP SYSTEM

DETAIL APPROVED BY *Paul M.*

6/27/2023
DATE

NOT TO SCALE

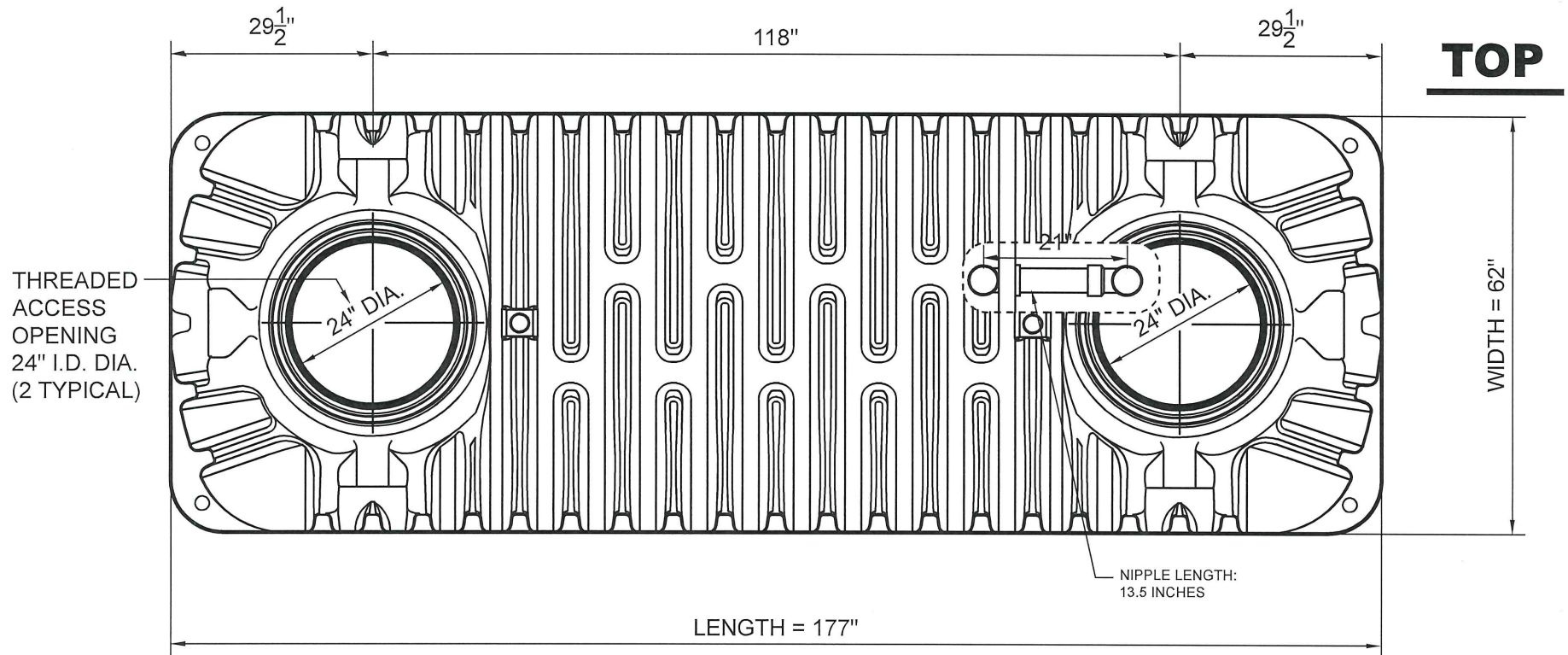
DETAIL NO.

S6B

REVISION: 3

DATE: 6/2023

STEP-STEP-TANK-1500 GAL.DWG



STEF TANK - TOP DOWN VIEW
CUT-AWAY VIEW OF CLOSE COUPLED TEES

TANK NOTES:

1. ACCESS AT OR ABOVE GRADE LEVEL SHALL BE SECURED AGAINST UNAUTHORIZED ACCESS.
2. TANK IS NOT RATED FOR VEHICULAR TRAFFIC LOADING WITHOUT FOLLOWING DRIVEWAY INSTALLATION REQUIREMENTS.
3. ALL RESIN USED SHALL BE COMPLIANT WITH ASTM D 1248 AS REQUIRED BY CSA B66 AND IAPMO / ANSI Z1000-2007.
4. TANK MATERIAL OF CONSTRUCTION SHALL BE HMW-HDPE.
5. PRIMARY DIMENSIONS ARE IN INCHES.
6. MINIMUM TANK WALL THICKNESS SHALL BE 1/4".
7. LABELING WILL INCLUDE: MAUFACTURER NAME, LIQUID CAPACITY, DATE, MAXIMUM BURIAL DEPTH, AND MODEL NUMBER.
8. RISER COVER SHALL CONTAIN THE FOLLOWING: 6" X 3" WARNING:
 "DANGER - DO NOT ENTER - POISON GAS" - WRITTEN IN ENGLISH, FRENCH & SPANISH
9. MAXIMUM BURIAL DEPTH IS 24" UNLESS SPECIFICALLY INSTRUCTED OTHERWISE BY THE MANUFACTURER OR THE CITY.
10. TANK SHALL BE CERTIFIED TO CSA AND IAPMO STANDARDS.



SANITARY SEWER DETAIL

STEF & STEP 1500 GAL HDPE TANK - TOP - STEF TEES

SA Adams 7-23-18
 DETAIL APPROVED BY DATE

NOT TO SCALE

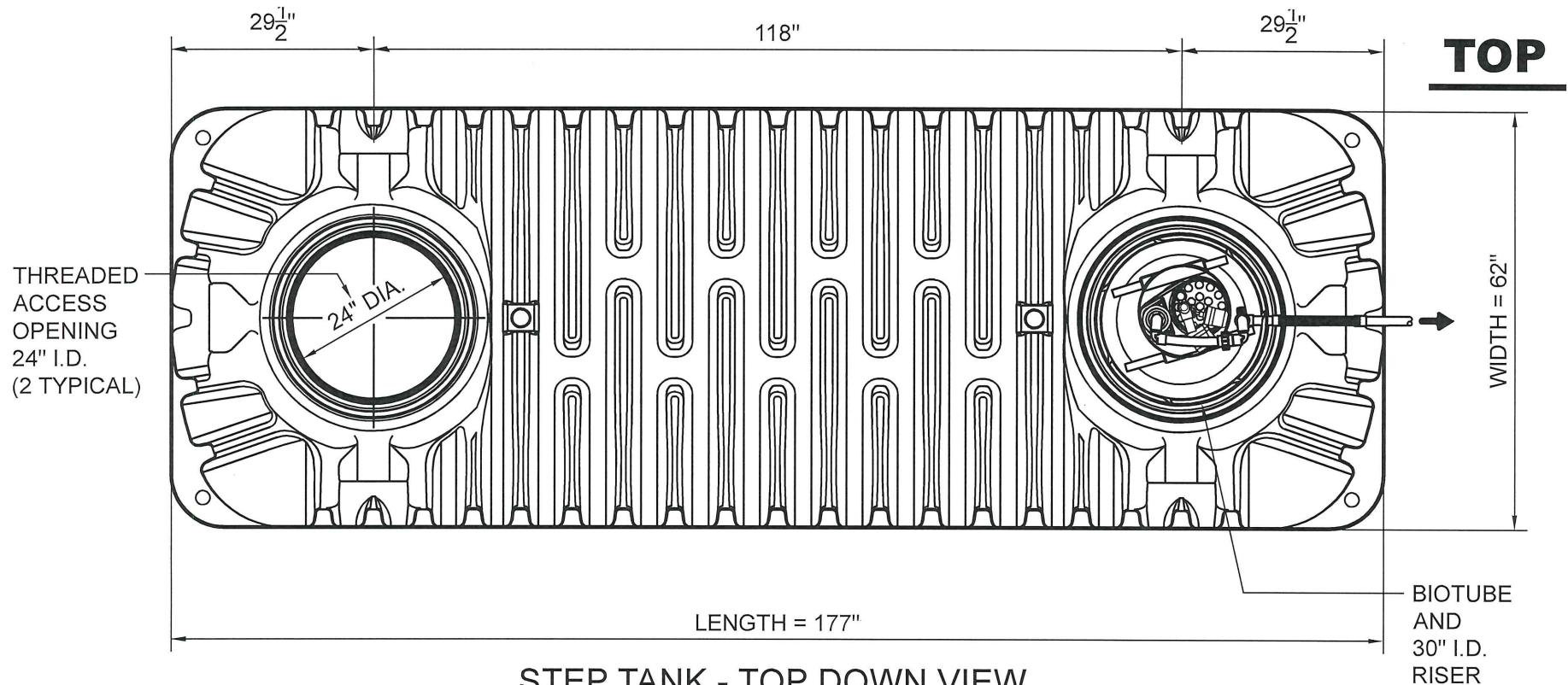
DETAIL NO.

S6C

REVISION: 2

DATE: 7/17/2018

STEF-STEP-TANK-1500 GAL.DWG



STEP TANK - TOP DOWN VIEW
 CUT-AWAY VIEW OF PUMP BIOTUBE EFFLUENT FILTER

TANK NOTES:

1. ACCESS AT OR ABOVE GRADE LEVEL SHALL BE SECURED AGAINST UNAUTHORIZED ACCESS.
2. TANK IS NOT RATED FOR VEHICULAR TRAFFIC LOADING WITHOUT FOLLOWING DRIVEWAY INSTALLATION REQUIREMENTS.
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SANITARY SEWER DETAIL

STEP & STEP 1500 GAL HDPE TANK - TOP - STEP BIOTUBE

DETAIL APPROVED BY *[Signature]* DATE 7-23-18

NOT TO SCALE

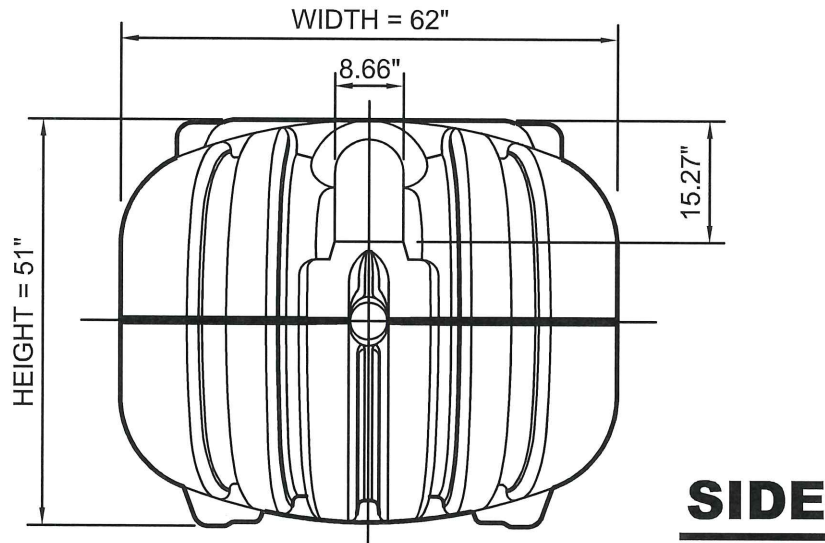
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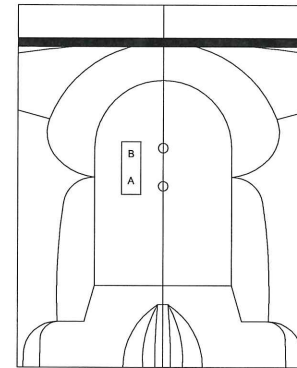
REVISION: 2

DATE: 7/17/2018

STEP-TANK-1500 GAL.DWG



SIDE



Drawing Not to Scale

Dimple	Inlet Invert	Outlet Invert	Invert Drop
A	43 "	40"	3"
B	44"	42"	2"

WA STATE APPROVAL - 40" LIQUID LEVEL, "A" DIMPLES ARE USED.

STEF & STEP TANK - ELEVATION VIEW
 INVERT DIMPLE LOCATIONS

REV. NO.	DATE	BY	APPR.
1	7/10/17	SCD	SA



CITY OF CAMAS ~ SANITARY DETAIL
 STEF & STEP 1500 GAL HDPE TANK - SIDE VIEW

San A. G. 8-14-17

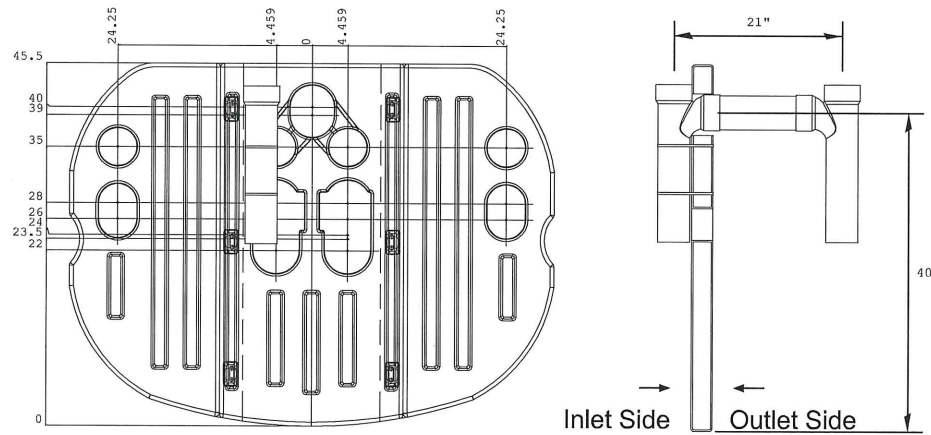
DETAIL APPROVED BY DATE

DETAIL NO.

S6E

NOT TO SCALE

STEF-STEP-TANK-1500 GAL.DWG



STEP & STEP TANK - COMPARTMENT DIVIDER
 VIEW OF CLOSE COUPLED TEES

REV. NO.	DATE	BY	APPR.
1	7/10/17	SCD	SA



CITY OF CAMAS ~ SANITARY DETAIL
 STEP & STEP 1500 GAL HDPE TANK - COMPARTMENT DIVIDER
San Admin 8-14-17
 DETAIL APPROVED BY _____ DATE _____

NOT TO SCALE

DETAIL NO.
S6F

STEP-STEP-TANK-1500 GAL.DWG