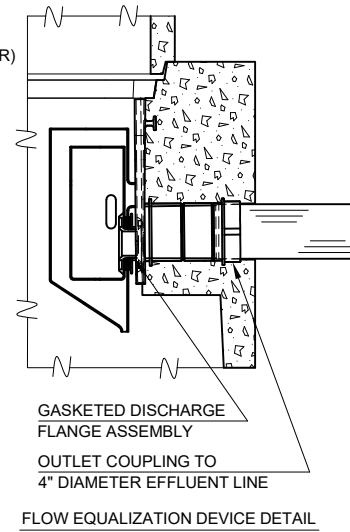


NOTE: REMOTE VENT MUST HAVE A MINIMUM DIAMETER OF 2 INCHES AND MUST TERMINATE A MINIMUM OF 18 INCHES ABOVE GRADE, 1 FOOT FROM PROPERTY LINES, AND 3 FEET FROM ANY WINDOWS OR DOORWAY.

REMOTE VENT WITH CARBON FILTER DEVICE
ELECTRICAL CONDUITS

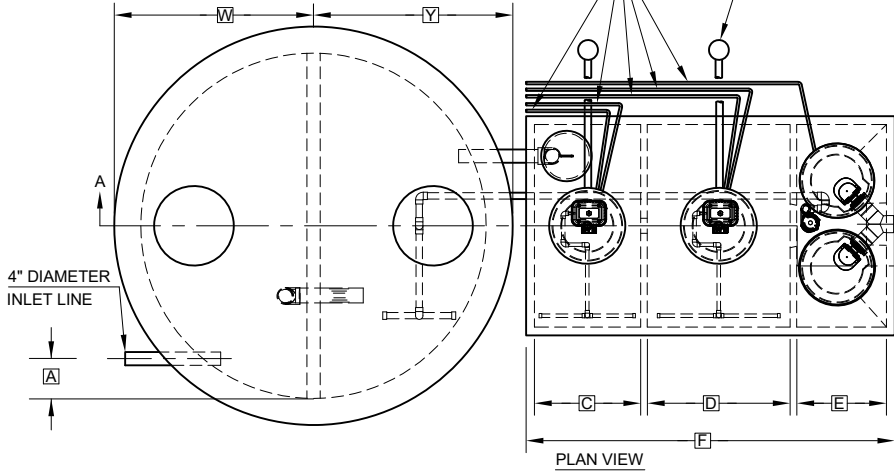
4" DIAMETER EFFLUENT LINE
(DUAL OUTLETS MAY BE COMBINED OUTSIDE CLARIFIER)

NOTE: SYSTEMS INSTALLED IN TRAFFIC AREAS MUST UTILIZE HEAVY-DUTY LOCKING CAST IRON COVERS AND CASTINGS FOR ALL SYSTEM ACCESS OPENINGS AND PRETREATMENT TANK COVER SLAB, AS PREVIOUSLY APPROVED BY SCDHS FOR HS-20 LOADING.



FLOW EQUALIZATION DEVICE DETAIL

- GENERAL NOTES:**
- FALL THROUGH THE HYDRO-KINETIC® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
 - ON DEEPER INSTALLATIONS, RISERS MUST BE USED TO EXTEND CASTINGS TO GRADE.
 - TANK REINFORCED PER ACI STD. 318.
 - ALL ACCESS COVERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
 - CONTACT THE LOCAL, LICENSED HYDRO-KINETIC® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.
 - COLLECT EFFLUENT SAMPLES FROM FLOW EQUALIZATION DEVICE INSTALLED IN CLARIFIER.
 - PRETREATMENT AND ANOXIC CHAMBERS MAY BE INCLUDED AS INTEGRAL COMPONENTS OF THE TREATMENT TANK.



PLAN VIEW

AERATION CHAMBER RISER CASTING WITH LID
MODEL A100 OR MODEL A150 AIR PUMP (2 REQUIRED)
(MAY BE REMOTELY LOCATED)

NOTE: SYSTEMS INSTALLED IN TRAFFIC AND NON-TRAFFIC AREAS MUST UTILIZE 2,000 GALLON TRAFFIC-RATED PRETREATMENT/ANOXIC TANK WITH 8" THICK TOP AND 6" THICK BOTTOM AS PREVIOUSLY APPROVED BY SCDHS. SYSTEMS INSTALLED IN TRAFFIC AREAS MUST UTILIZE TRAFFIC-RATED THREE CHAMBER TREATMENT TANK WITH 6" THICK TOP AND 5-1/2" THICK BOTTOM AS APPROVED UNDER SCDHS NS-014.

ANOXIC CHAMBER RISER CASTING WITH LID

FLOW EQUALIZATION DEVICE
(SEE DETAIL)

PRETREATMENT CHAMBER RISER CASTING WITH LID

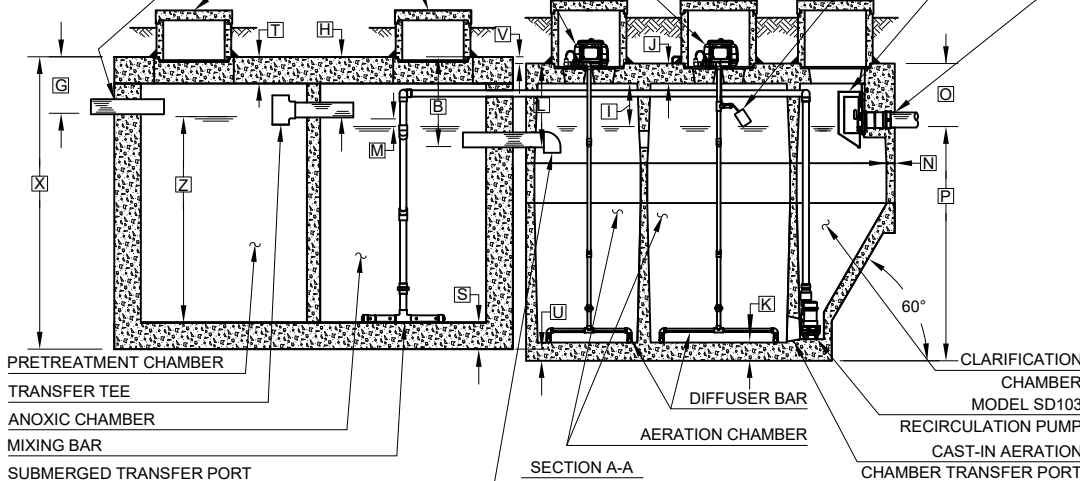
CLARIFICATION CHAMBER RISER CASTING WITH LID

APPROVED SEALANT OR SEALING DEVICE

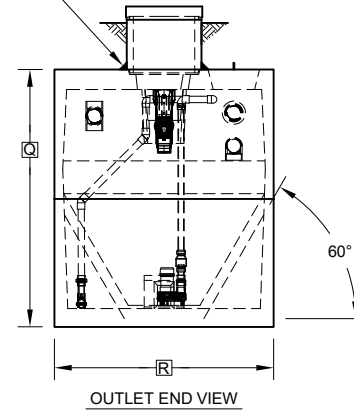
HIGH WATER ALARM FLOAT

SOLVENT WELD CONNECTION

GROUT OR SYNTHETIC SEAL



SECTION A-A



OUTLET END VIEW

NOTE: SYSTEMS CERTIFIED BY NSF TO NSF/ANSI STANDARD 40 MUST INCLUDE MODEL A100 AIR PUMP.

NOTE: TOTAL SYSTEM CAPACITY: 3,150 GALLONS
RATED CAPACITY: 1,250 GALLONS PER DAY

PROJECT ENGINEER'S APPROVAL:
I (WE) HEREBY CERTIFY THAT THIS DRAWING HAS BEEN CHECKED AND IS APPROVED FOR USE IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

DATE: _____

NAME: _____

CONTRACTOR'S CERTIFICATION:
I (WE) HEREBY CERTIFY THAT THIS DRAWING HAS BEEN CHECKED AND IS APPROVED FOR USE IN CONFORMITY WITH THE CONTRACT DOCUMENTS.

DATE: _____

NAME: _____

CRITICAL DIMENSIONS

A	1'-0"	N	0'-2 1/2"
B	2'-3"	O	1'-7"
C	2'-8"	P	5'-10 1/2"
D	3'-7"	Q	7'-5 1/2"
E	2'-3"	R	5'-6"
F	9'-3"	S	0'-8"
G	1'-5"	T	0'-8"
H	1'-6"	U	0'-3 1/2"
I	1'-1"	V	0'-2"
J	0'-6"	W	5'-0"
K	0'-5 1/2"	X	7'-4"
L	2'-1"	Y	5'-0"
M	0'-3"	Z	5'-2"

U.S. AND FOREIGN PATENTS PENDING		05-06-2026	A
		HYDRO-KINETIC® MODEL 1250 WASTEWATER TREATMENT SYSTEM WITHOUT BIO-FILM REACTOR H-20 DESIGN LOAD	APPROVED BY: JMM DATE: 04-29-2026 SCALE: NTS
© MMXXVI	THIS DRAWING IS THE PROPERTY OF NORWECO. IT IS TO BE USED FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF NORWECO.	DRAWING NO. PC-2-0354	