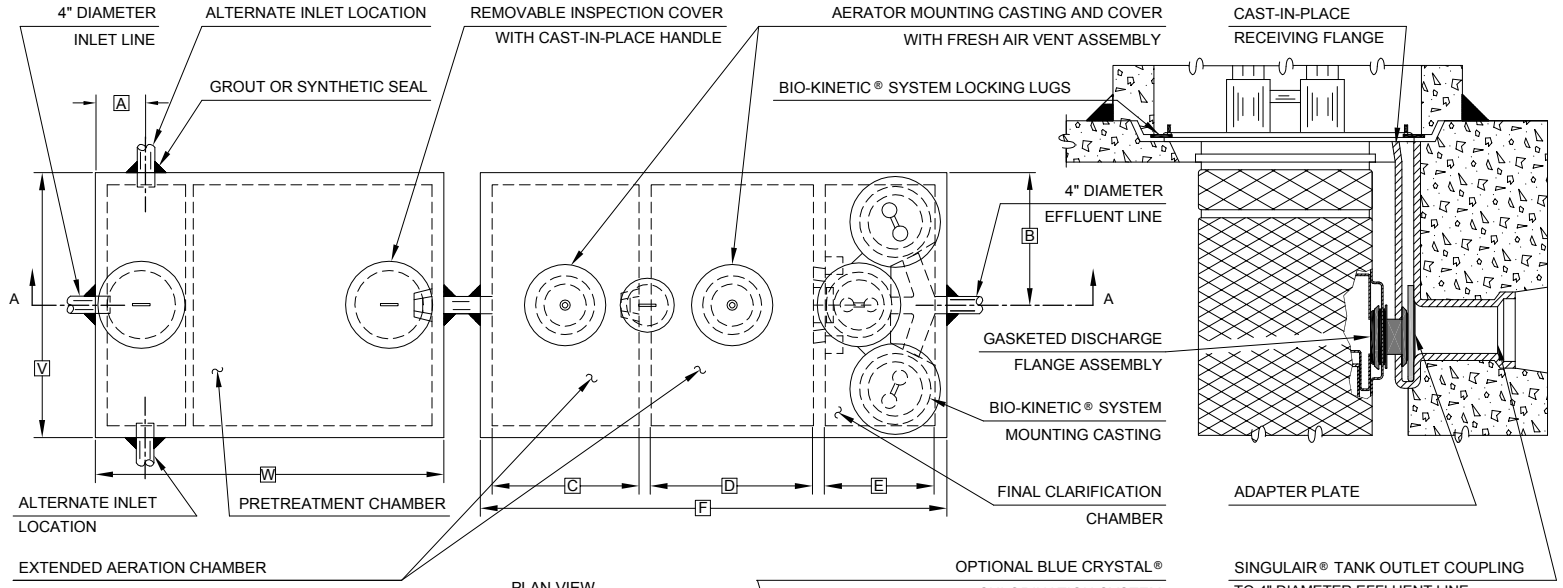
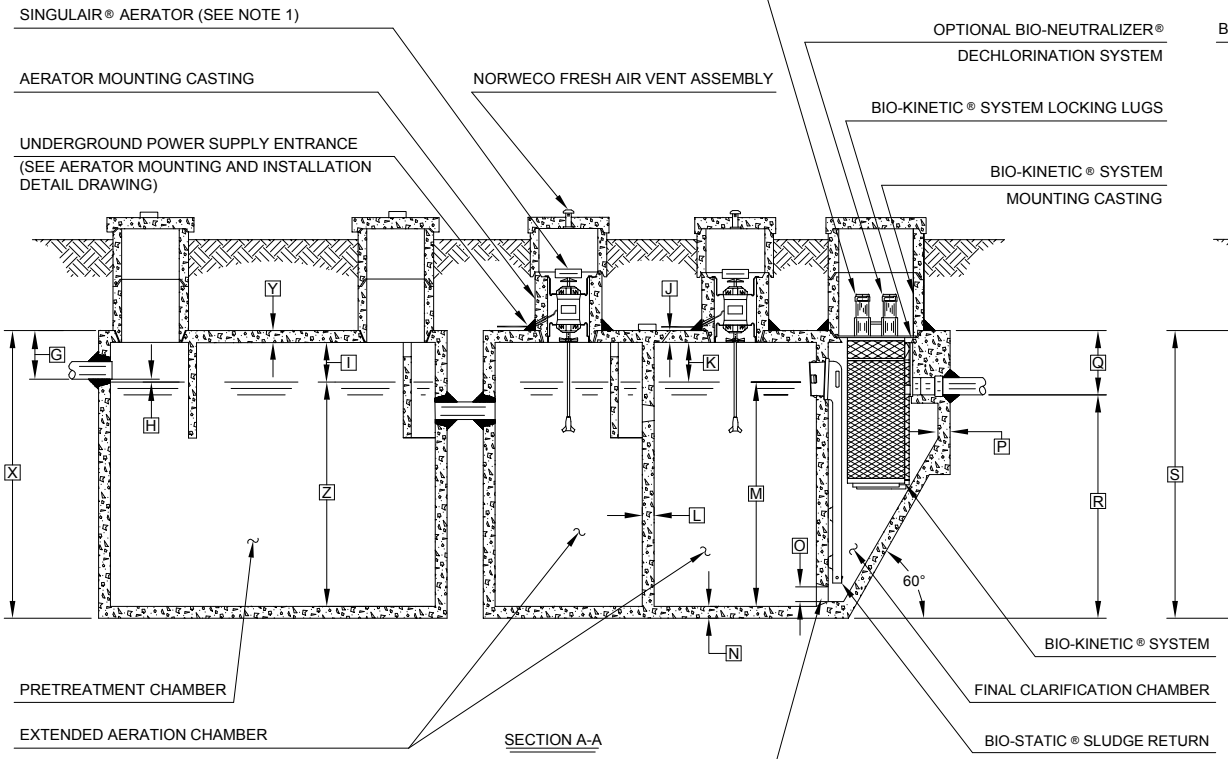
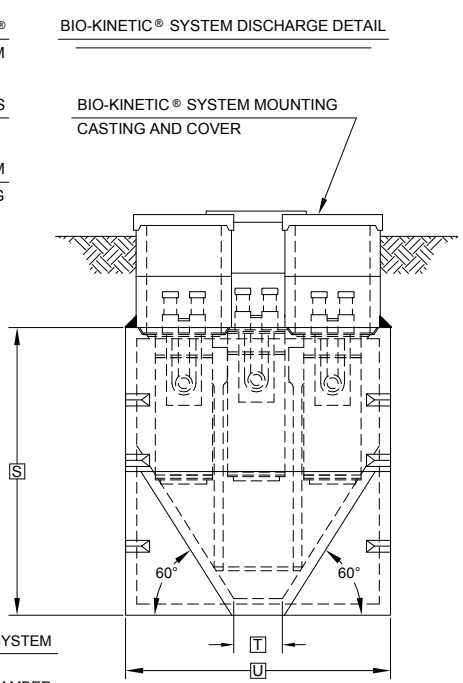


PLAN VIEW



SECTION A-A

BIO-KINETIC® SYSTEM DISCHARGE DETAIL



OUTLET END VIEW

NOTE: PRETREATMENT CHAMBER MINIMUM REQUIREMENTS SHALL BE: 1,250 GALLONS CAPACITY, 16 GALLONS PER INCH OF LIQUID LEVEL AND 12 INCHES OF FREEBOARD.

NOTE: SOME CRITICAL DIMENSIONS ARE INTENTIONALLY LEFT BLANK TO BE FILLED IN PER INDIVIDUAL JOB SITE SPECIFICATIONS.

NOTE: TOTAL SYSTEM CAPACITY: 2,850 GALLONS
RATED CAPACITY: 1,250 GALLONS PER DAY

GENERAL NOTES:

① SINGULAIR® AERATOR, AS TESTED AND ACCEPTED BY NSF.

② FALL THROUGH SINGULAIR® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.

③ ON DEEPER INSTALLATIONS, PRECAST RISERS MUST BE USED TO EXTEND AERATOR MOUNTING CASTING AND BIO-KINETIC® SYSTEM MOUNTING CASTING TO GRADE. INSPECTION COVER ON PRETREATMENT CHAMBER MUST BE DEVELOPED TO WITHIN TWELVE INCHES OF GRADE.

④ TANK REINFORCED PER ACI STD. 318-99.

⑤ REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.

⑥ CONTACT THE LOCAL, LICENSED SINGULAIR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

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'- 3"
B	2'- 9"	O	0'- 6"
C	2'- 8"	P	0'- 2½"
D	3'- 7"	Q	1'- 4"
E	2'- 3"	R	5'- 8"
F	9'- 3"	S	7'- 0"
G	1'- 0"	T	1'- 0"
H	0'- 3"	U	5'- 6"
I	1'- 0"	V	
J	0'- 3"	W	
K	1'- 0"	X	
L	0'- 2"	Y	
M	5'- 6"	Z	

U.S. AND FOREIGN PATENTS PENDING

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NORWECO
SINGULAIR® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM MODEL 960-1250 GPD

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REVISION DATE	7-11-01
REVISION	B
DRAWN BY	JMM
APPROVED BY	GJS
DATE	3-6-96
SCALE	NTS
DRAWING NO	PC-5-7009