

GENERAL NOTES:

- ① SINGLAIR® AERATOR, AS TESTED AND ACCEPTED BY NSF.
- ② FALL THROUGH SINGLAIR® 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 SINGLAIR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.

SINGLAIR® AERATOR (SEE NOTE 1)

AERATOR MOUNTING CASTING

UNDERGROUND POWER SUPPLY ENTRANCE (SEE AERATOR MOUNTING AND INSTALLATION DETAIL DRAWING)

NORWECO FRESH AIR VENT ASSEMBLY

OPTIONAL BLUE CRYSTAL® CHLORINATION SYSTEM

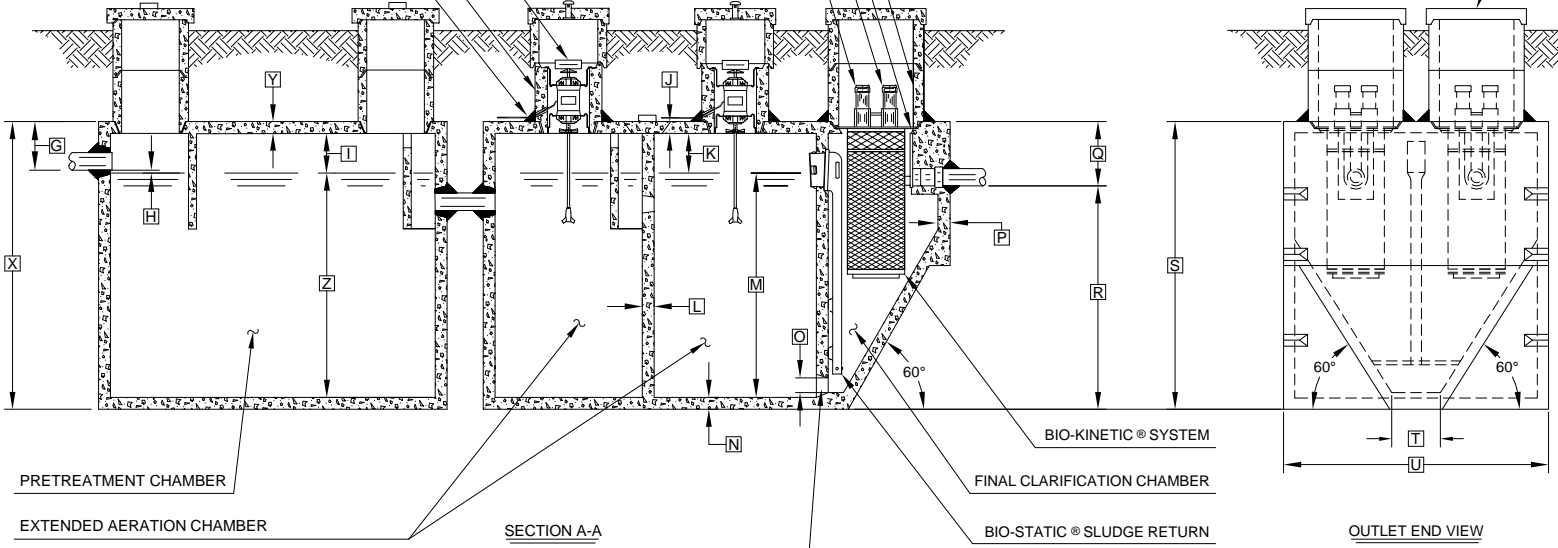
OPTIONAL BIO-NEUTRALIZER® DECHLORINATION SYSTEM

BIO-KINETIC® SYSTEM LOCKING LUGS

BIO-KINETIC® SYSTEM MOUNTING CASTING

BIO-KINETIC® SYSTEM DISCHARGE DETAIL

BIO-KINETIC® SYSTEM MOUNTING CASTING AND COVER



PRETREATMENT CHAMBER

EXTENDED AERATION CHAMBER

SECTION A-A

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

OUTLET END VIEW

NOTE: TOTAL SYSTEM CAPACITY: 2,300 GALLONS
 RATED CAPACITY: 1,000 GALLONS PER DAY

CAST-IN-PLACE AERATION CHAMBER TRANSFER PORT

NOTE: PRETREATMENT CHAMBER MINIMUM REQUIREMENTS SHALL BE: 1,000 GALLONS CAPACITY, 15 GALLONS PER INCH OF LIQUID LEVEL AND 12 INCHES OF FREEBOARD.

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	4'-8"
F	9'-3"	S	6'-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	4'-6"	Z	

U.S. AND FOREIGN PATENTS PENDING

NORWECO
 SINGLAIR® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM
 MODEL 960-1000 GPD

DESIGN DATE: 7-11-01
 DESIGNER: B
 APPROVED BY: JMM
 DATE: 1-9-96
 SCALE: NTS
 DRAWING NO: PC-5-7008