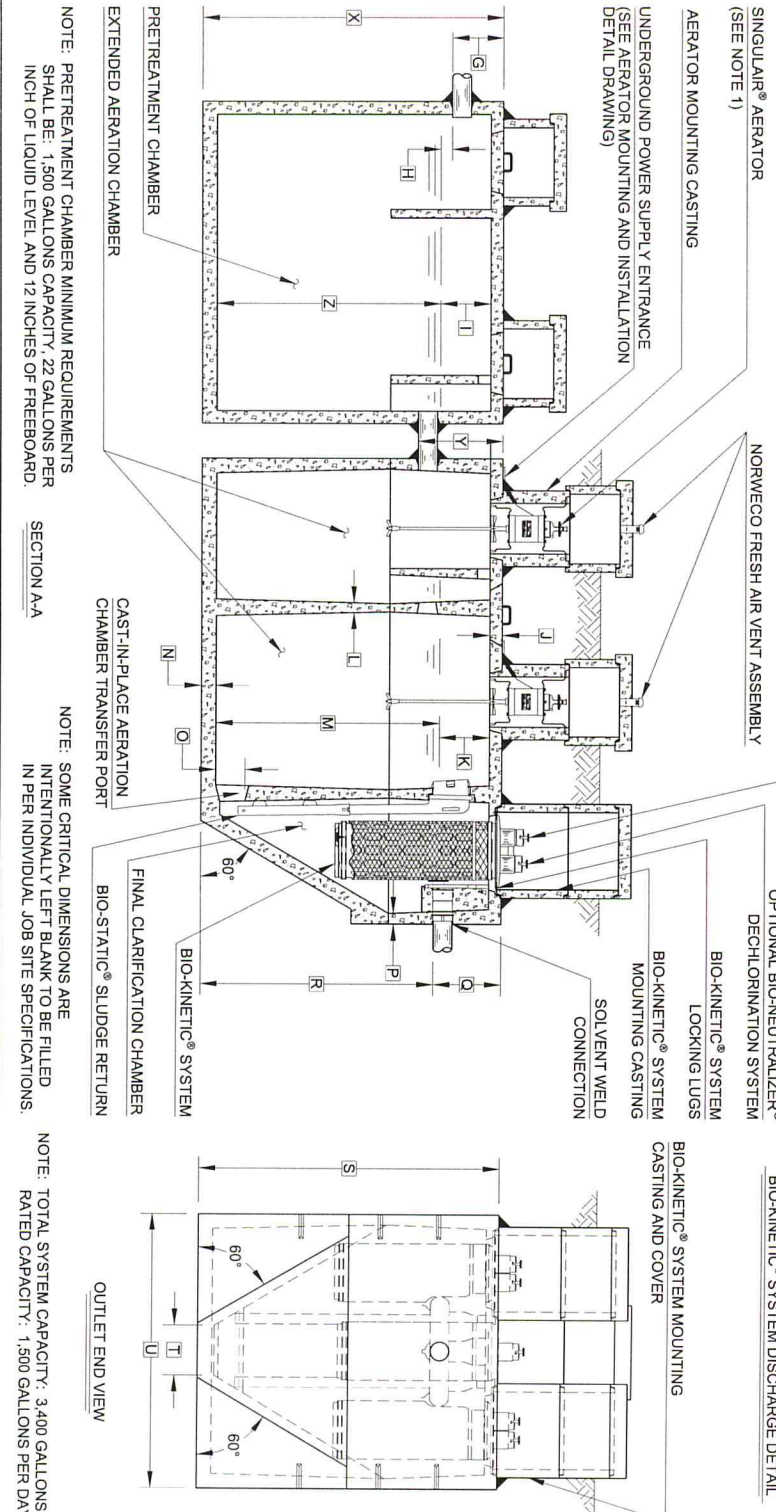


- GENERAL NOTES:**
- 1 SINGULAR® AERATOR, AS TESTED AND ACCEPTED BY NSF.
  - 2 FALL THROUGH SINGULAR® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
  - 3 ON DEEPER INSTALLATIONS, PRECAST RISERS MUST BE USED TO EXTEND AERATOR MOUNTING CASTING AND 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. 318-02.
  - 5 REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
  - 6 CONTACT THE LOCAL, LICENSED SINGULAR® 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'-2 1/2"
D	3'-7	Q	1'-4"
E	2'-3"	R	6'-8"
F	9'-3"	S	8'-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	1'-8"
L	0'-2"	Y	1'-8"
M	6'-6"	Z	_____

**U.S. AND FOREIGN PATENTS PENDING**

**norweco®**

SINGULAR® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM MODEL 959 - 1500 GPD

DATE: 4-13-06  
 DRAWN BY: JMM  
 CHECKED BY: GJS  
 SCALE: 3/8"=1'-0"  
 PROJECT: NTS

PC-5-7010

**NOTE:** PRETREATMENT CHAMBER MINIMUM REQUIREMENTS SHALL BE: 1,500 GALLONS CAPACITY, 22 GALLONS PER INCH OF LIQUID LEVEL AND 12 INCHES OF FREEBOARD.

**SECTION A-A**

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

**NOTE:** TOTAL SYSTEM CAPACITY: 3,400 GALLONS RATED CAPACITY: 1,500 GALLONS PER DAY