



NOTE: DRIP IRRIGATION SYSTEM LOADING RATE VARIES FOR DIFFERENT SOIL TYPES. (CHECK LOCAL REGULATIONS)

NOTE: SIMPLEX PUMP CONTROLS ARE REMOTELY LOCATED AND REQUIRE A DEDICATED CIRCUIT BREAKER.

NOTE: CHECK LOCAL REGULATIONS FOR ACCEPTABLE SURFACE APPLICATION AREAS.

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

NOTE: TYPICAL PUMP TANK SHOWN. ACTUAL CONFIGURATION MAY VARY.

NOTE: WHEN EFFLUENT DISINFECTION IS REQUIRED PRIOR TO SUBSURFACE APPLICATION, CHLORINE SHOULD NOT BE USED FOR DRIP IRRIGATION PURPOSES.

NOTE: AEROBIC OR OTHER APPROVED UPSTREAM TREATMENT SYSTEM REQUIRED FOR DRIP IRRIGATION APPLICATIONS. CHECK LOCAL REGULATIONS FOR SYSTEM REQUIREMENTS.

GENERAL NOTES:

- ① FALL THROUGH SINGULAIR® PLANT FROM INLET INVERT TO OUTLET INVERT IS FOUR INCHES. INLET INVERT IS TWELVE INCHES BELOW TANK TOP.
- ② ON DEEPER INSTALLATIONS, PRECAST 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.
- ③ REMOVABLE COVERS ON RISERS WEIGH IN EXCESS OF SEVENTY-FIVE POUNDS EACH TO PREVENT UNAUTHORIZED ACCESS.
- ④ CONTACT THE LOCAL, LICENSED SINGULAIR® DISTRIBUTOR FOR ELECTRICAL REQUIREMENTS.
- ⑤ CHECK LOCAL REGULATIONS GOVERNING DETAILS OF EFFLUENT REUSE FOR DRIP IRRIGATION SUCH AS EFFLUENT QUALITY, SURFACE AREA, PIPING ARRANGEMENT, OPERATING TIMES, ETC.

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

U.S. AND FOREIGN PATENTS PENDING	norweco SINGULAIR® BIO-KINETIC® WASTEWATER TREATMENT SYSTEM PRIOR TO SIMPLEX PUMP SINGLE TRENCH DRIP IRRIGATION SYSTEM	REVISION DATE: 6-12-08	REVISION: A
		DESIGNED BY: JMM	BY: BDS
		DATE: 8-5-07	SCALE: NTS
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