



NOTES:

ASTM C-1227.

FORM C:\SCI2\LIBRARY\FORMS\24X36JM.DWG

5000 PSI @ 28 DAYS.

BY O.A.C. RULE 3701-293-11.

MACK INDUSTRIES LOGO

DATE OF MANUFACTURE

2000 GAL. TANK CAPACITY

4. TANK SEALS CONFORM TO ASTM C-923.

6. STAMP OR LABEL TOP OF TANK AS FOLLOWS:

1. REINFORCED PRECAST CONCRETE TO HAVE A COMPRESSIVE STRENGTH OF

3. CONCRETE JOINT SEALANT CONFORMS TO ASTM C-990.

WITHOUT THE EXPRESSED CONSENT OF MACK INDUSTRIES, INC.

2. PRECAST CONCRETE TANK SHALL MEET OR EXCEED SPECIFICATIONS AS SET STATE APPROVAL PENDING DUAL COMPARTMENT 2000 GALLON SEPTIC TANK 5. EFFLUENT FILTER RETAINS SOLIDS GREATER THAN 1/16" AND CONFORMS TO O.D.H. 2007 COMPLIANCE, OAC RULE 3701-29-11 CJ SCALE: 1/4"=1'-0"DRAWING NO .: DRAWN BY: DATE: 4/5/07 REV: D 1000 GAL MACK INDUSTRIES, INC. THIS DRAWING IS THE PROPERTY OF MACK INDUSTRIES, INC., AND IT OR THE TECHNOLOGY CONTAINED HEREIN MAY NOT BE REPRODUCED NOR USED EXCEPT AS ORIGINALLY INTENDED

(330) 483-3111

201 COLUMBIA ROAD, VALLEY CITY, OHIO 44280

			AMERICAN	N MANUFACTURIN	G COMPANY			- Caracteria de Caracteria	
SEPTIC DRIP CALCULATION SHEE									
		Job Name: Project No.:	Massimo Carmosino 11015	Location: Date:	City of Kirtland, Lake 7/11/2011	County,Ohio			
	1 480 2 3 160 4 2 5 1600 6 2000 7 2000 8 38.46 9 ZONE ON 10 1360 11 800 12 160 13 4.07 14 5 15 8.00 16 12.07 17 ZONE TW 18 1360 19 800 20 160 21 4.07 22 5 23 8.00 24 12.07 25 13 26 12 27 HYDRAULI 28 1.5* 29 20 30 7 31 9	ZONES TOTAL DRIPPER LIN SEPTIC TANK SIZE (DOSING TANK SIZE (DOSING TANK SIZE (GALLONS PERINCH E TOTAL ABSORPTION LINEAR FEET OF DR LONGEST LATERAL DOSING FLOW RATI NO. RETURN FIELD FIELD FLUSH FLOW TOTAL ABSORPTION LINEAR FEET OF DR LONGEST LATERAL DOSING FLOW REQUI NO. RETURN FIELD FIELD FLUSH FLOW TOTAL ABSORPTION LINEAR FEET OF DR LONGEST LATERAL DOSING FLOW RATI NO. RETURN FIELD FIELD FLUSH FLOW TOTAL FLOW REQUI MAXIMUM DESIGN T FEET OF HEAD LOSS C UNIT SUPPLY LINE PIPE DIAMETER (IN- LENGTH SUPPLY PIPE FEET OF STATIC LIF	gallons) (gallons) (gallons) (IN DOSING TANK (Provided From I) (IN TUBING ((Total Tubing for Zone LENGTH (FT) 36.4 Mi) (IE (GPM) (Length of tubing /2) x (IF LUSH CONNECTIONS (#/zone) (IRED (GPM)(Dosing flow rate + Field (IN AREA (FT2)) (IP TUBING I(Total Tubing for Zone I) (IP TUBING I(Total Tubing for Zone I) (IP TUBING I(Total Tubing for Zone I) (IE (GPM) (Length of tubing /2) x (IF LUSH CONNECTIONS (#/zone) (IF LUSH (GPM) (GPM) (IF I) (IF	LAYO 2720 FT2 me 2) Manufacturer) 1) inimum Dose Volume (Gal/Dose) (0.61 Gal/Hr) / (60 Min/Hr.) (no. of field flush connections) d flushing flow rate) 2) inimum Dose Volume (Gal/Dose) (0.61 Gal/Hr) / (60 Min/Hr.) (no. of field flush connections) d flushing flow rate) Based (Charl 2A) c Unit) c Unit) c Unit)	36 1" 37 1" 38 STATIC F 39 -1 40 TOTAL P 41 46 42 46	FEET OF TOTAL STATIC HE (From the base of the Hydraul) RESSURE LOSS (Add items 26 ZONE 1 HEAD LOSS, INCLUI ZONE 2 HEAD LOSS, INCLUI ad loss includes friction from pun and Chart 3A) ZING: MAXIMUM TOTAL PRESSUR DISC FILTER BACKFLUSH (# GPM @ 124 FE OSING PER ZONE: JE: Dosing GPM 8.95 Mir 4.0 Ave. Cycles VO: Dasing GPM 8.95 Mir 4.0 Ave. Cycles FE DOSING REST TIMES: SING REST TIMES:	ZONE 1 LENGTH ZONE 2 LENGTH plping at the specific size, and LOSS (Vertical Lift) lic Unit to the highest run of Lift (Ver	distance and fideling of the second fideling	SHING (Chart 3A) SHING (Chart 3A)
	32 FORCE M/ 33 1" 34 1"	IN SUPPLY LINE PIPE : _ZONE 1 SIZE _ZONE 2 SIZE _(Friction losses throug		7 FT. HEAD LOSS 7 FT. HEAD LOSS stance and flow, as listed above)			Title:		N SHEET - MOUND Homeowner Location
3							DR. BY: CK. BY:	RKM	County, Ohio Engineered by:

REVISIONS REVISED SEPTIC PER LCHO JUNE 30, 2011 REVISED SEPTIC LOCATION JULY 11, 2011

StreamKey

515 Reading Road, Cincinnali, Ohio 45241

513-792-1221 phone / 513-792-1223 fax

SHEET NO. FILE:

MAY 17, 2011 1" = 20'