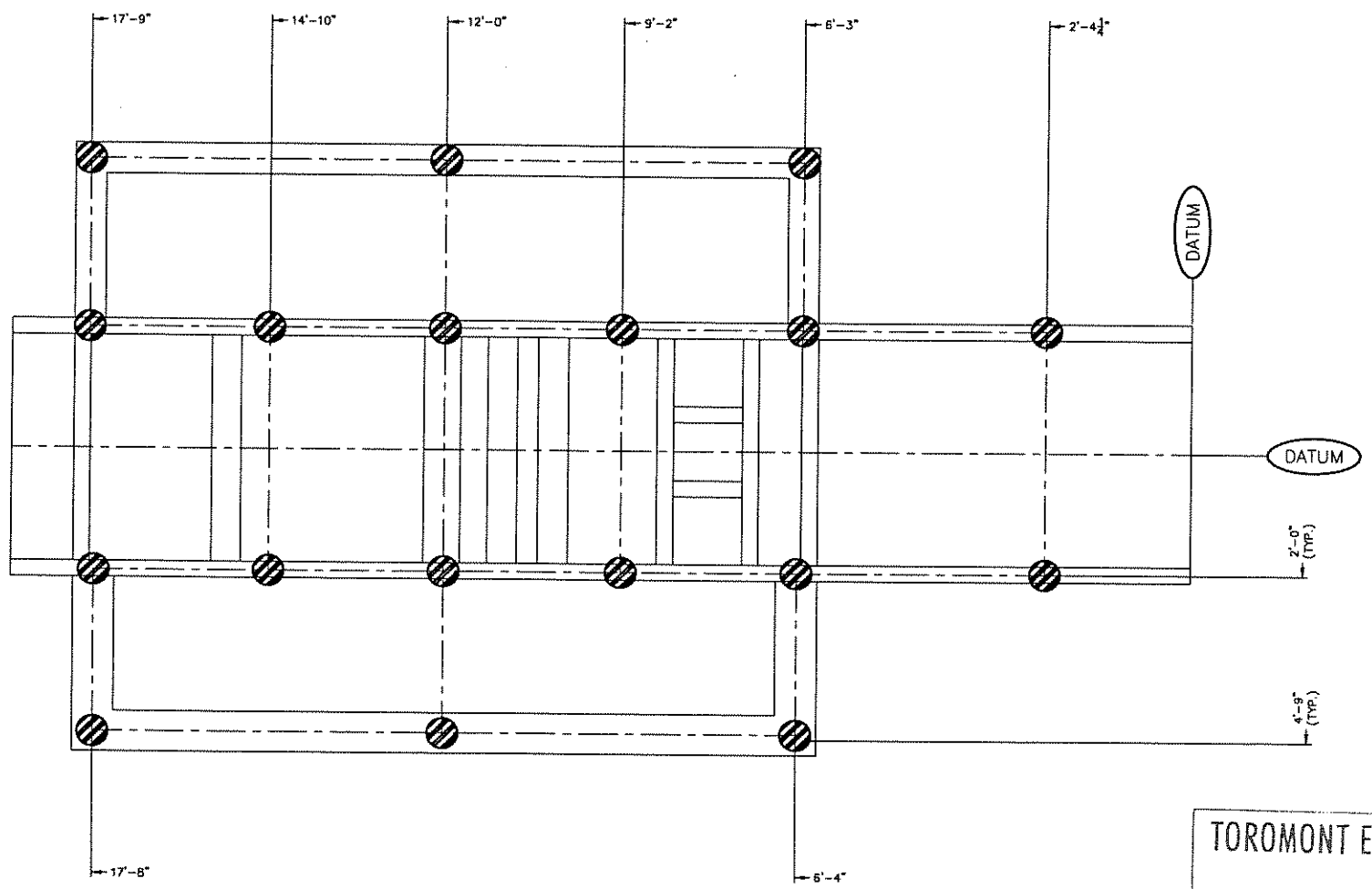


MAJOR COMPONENT WEIGHTS	
Description	Weight (lbs.)
COMPRESSOR FRAME w/ CYLINDERS:	2,250
ENGINE:	2,000
COOLER: (DRY)	3,400
SUCTION SCRUBBER:	540
INTERSTAGE #1 SCRUBBER	460
SKID BASE: (w/o CONCRETE)	4,825
SKID BASE: (w/ CONCRETE)	12,280
SILENCER/AIR/EXHAUST	340
PIPING:	750
BUILDING	2,000
INSTRUMENTATION & ELECTRICAL:	400
TOTAL PACKAGE:	27,980



TOROMONT ENERGY SYSTEMS

JUN 08 2006

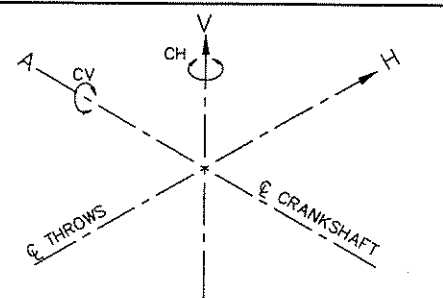
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PROPRIETARY MATERIAL
 NOT TO BE RE-PRODUCED OR DISTRIBUTED
 WITHOUT THE PRIOR WRITTEN CONSENT OF
 TOROMONT ENERGY SYSTEMS INC.

- PLEASE READ CAREFULLY**
1. INSTALLATION OF THIS SKIDDED COMPRESSOR PACKAGE IS THE RESPONSIBILITY OF THE OWNER.
 2. ALL PILE CAPS MUST BE SHIMMED AND WELDED TO THE SKID WITH CONTINUOUS WELDMENTS USING GOOD WELDING PRACTICES. STITCH WELDING IS NOT ACCEPTABLE. ENERGY INDUSTRIES INC. DOES NOT WARRANT VIBRATION ISSUES RELATING TO POOR PILE TO SKID CONNECTIONS, OR INSUFFICIENT PILE DESIGN.
 3. PACKAGES INCORPORATING SEAL PANS (DRIP) IN THE WINGS WILL RESTRICT ACCESS TO SUPPORTS BELOW. IT MAY BE NECESSARY TO CUT THE SEAL PAN TO GAIN ACCESS TO THESE AREAS.
 4. A RECIPROCATING COMPRESSOR IS CAPABLE OF PRODUCING VERY HIGH HORIZONTAL COUPLES ABOUT THE CENTERLINE OF THE CRANKCASE. CAREFUL CONSIDERATION MUST BE GIVEN TO THE LOCATION OF SUPPORT BELOW THE CYLINDER CROSSHEAD AREA OF THE SKID. A SINGLE POINT OF SUPPORT BELOW EACH THROW IS NOT SUFFICIENT.
 5. THIS DRAWING INDICATES THE MINIMUM RECOMMENDED NUMBER OF SUPPORT POINTS. THE ACTUAL NUMBER AND LOCATION REQUIRED MAY BE MORE, DEPENDING ON SOIL CONDITIONS, DEPTH OF REFUSAL, ETC.. ENERGY INDUSTRIES INC. DOES NOT AND CANNOT WARRANT THIS SUGGESTED DESIGN AND IT IS STRONGLY RECOMMENDED THAT A CIVIL ENGINEER FAMILIAR WITH PACKAGED COMPRESSORS BE CONSULTED TO DESIGN THE FOUNDATION FOR THIS COMPRESSOR PACKAGE.

COMPRESSOR UNBALANCED FORCES @ 1800 RPM						
THROW #	1	2	3	4	5	6
CYLINDER BORE (IN.)	3.0"	5.0"	---	---	---	---
UNBALANCED SHAKING FORCES = NIL (ALL FRAMES)						
Description	Tag	Ft. lbs.				
PRIMARY VERTICAL COUPLE	CV1	370				
PRIMARY HORIZONTAL COUPLE	CH1	2,030				
SECONDARY VERTICAL COUPLE	CV2	NIL				
SECONDARY HORIZONTAL COUPLE	CH2	290				



0	ISSUED FOR REFERENCE	06/20/06	GP
No.	REVISION	DATE	BY
PROPRIETARY MATERIAL: NOT TO BE REPRODUCED OR DISTRIBUTED WITHOUT THE PRIOR WRITTEN CONSENT OF TOROMONT ENERGY SYSTEMS.			
TOROMONT	TOROMONT ENERGY SYSTEMS	10121 - BARLOW TRAIL N.E. CALGARY ALBERTA CANADA	
TITLE: SUGGESTED PILE LOCATIONS CATERPILLAR G3306NA / GEMINI H302-2 AIR-X-CHANGERS 48EH		CUSTOMER: TOROMONT ENERGY SYSTEMS INC. 145 HP GAS COMPRESSOR	
SCALE: 3/4"=1'-0"	DATE: 06/20/06	BY: GP	DATE RELEASED: 06/20/06
STEP # N/A	UNIT # 31296	DRAWING NO.: 31296-FILE REV. 0	

PLOTTED BY: spm
 PLOT DATE: Jun 20, 2006 8:51 am
 FILE NAME: MA\31296\Drawings\31296PIL-E.dwg