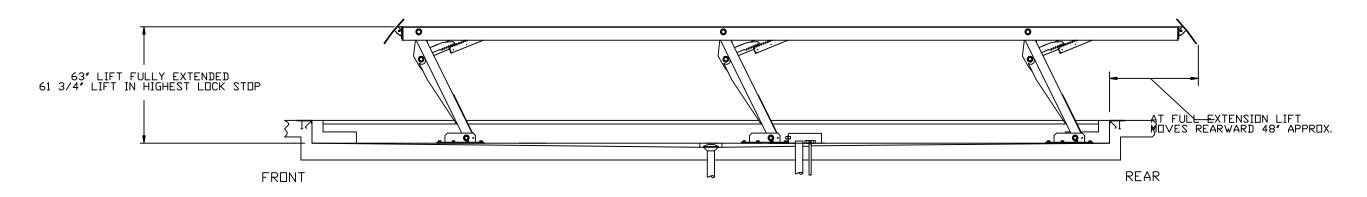
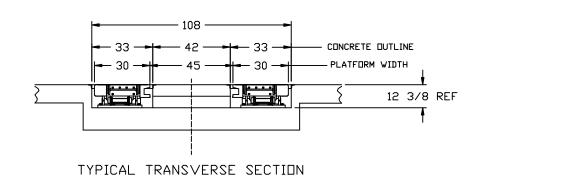


SIDE ELEVATION LIFT FULLY RETRACTED





SIDE ELEVATION LIFT FULLY EXTENDED

SHEET	CONTENTS					
REFR10075	LIFT UNIT ELEVATIONS AND SECTION VIEW	1				TOLERANCE UNLESS OTHERWISE SPECIFIED: FRACTIONAL DIMENSIONS: ± 1/32" (< 12") THIRD ANGLE PROJECTION 45/35 SURFACE IN RECESS
REFR20001	GENERAL NOTES					± 1/16' O DR = 12') DO NOT SCALE DRAVING GEN 4 LIFT UNIT ELEVATIONS
REFR30074	RECESS VIEW	\vdash				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED: AND SECTION VIEW
REFR40050	CROSS SECTION VIEW	—				WELD BEAD SIZE: #1/8/2-0 WELD BEAD LENGTH: #1/2/2-0 1/32° MIN. CURNER BREAK
REFR50018	UNDER-FLOOR SERVICES SECTIONS AND DETAILS					NOTES! VELD BEAD POSITION: \$1/2" REMOVE ALL BURRS REMOVE ALL BURRS
REFR60001	CONTROL CONSOLE DETAILS					TYPICAL EQUIPMENT FOUNDATION REQUIREMENTS: A DOVER INDUSTRIES COMPANY
REFR70010	ANCHORAGE DETAILS					CONSULT FACTORY PRIOR TO INSTALLATION, TO BRAVE SCALE SHEET 1 of 1
REFR80004	APPROVED ANCHOR BOLT DATA AND TORQUE SPECIFICATIONS	}				CONFIDM LATEST DEVISION LAND HONE
REFR90075	LIFT UNIT SPECIFICATIONS TABLE ONE AND MATERIALS LIST	<u> </u>	6992	9-21-07	KAK/BDM	The design and detail illustrated in this drawing is the property of Rotary Lift. It is being loaned with the expressed condition that it will not be displayed arrest by perpission and is subject to return your request. BDM 9-21-07
REFR00020	PEAK FOUNDATION LOADS	1REV	ICO NUMI	DATE	l BY	Lift. It is being loaned with the expressed condition that it will not be BBM 9-21-07 REFR10075

GENERAL NOTES

CONCRETE USED FOR THE BASE AND SIDE WALLS OF THE RECESS SHALL HAVE A MINIMUM STRENGTH OF F'C=4,000 psi AND A MAXIMUM STRENGTH OF F'C=5,500 psi WITH HEAVY AGGREGATE.

CONCRETE USED FOR THE BASE AND SIDE WALLS OF THE RECESS SHALL REACH ITS 28 DAY STRENGTH OF FC = 4,000 psi BEFORE THE HOLES ARE DRILLED AND ANCHOR BOLLTS INSTALLED. IN ADDITION TO SUPPORTING THE VERTICAL LOADS OF THE LIFT THE CONCRETE BASE PROVIDES HORIZONTAL RESTRAINT FOR THE LEG MEMBERS.

THE CONCRETE REINFORCEMENT SIZES AND REINFORCEMENT SPECIFICATIONS FOR THE SIDE WALLS AND BASE OF THE RECESS SHALL BE DETERMINED BY AN ARCHITECT OR ENGINEER AND SHALL BE DETERMINED CONSIDERING THE SOIL CONDITIONS AT THE SITE AND THE APPLIED LOADING. AS A MINIMUM, GRADE 60 DEFORMED REINFORCING BARS OF THE SIZES AND SPACINGS SHOWN IN THE DRAWING SHALL BE USED.

THE CONCRETE REINFORCEMENT SPECIFICATIONS FOR THE FLOOR SLAB AROUND THE RECESS SHALL BE DETERMINED BY THE ARCHITECT OR ENGINEER AND SHOULD BE DETERMINED CONSIDERING THE SOIL CONDITIONS AND THE APPLIED VEHICLE LOADING. AS A MINIMUM, GRADE 60 - 6x6 10/10 WELDED WIRE FABRIC SHALL BE USED ARDUND THE VICINITY OF THE LIFT RECESS.

THE LIFT UNIT IS SUPPLIED WITH PRE-DRILLED BASE PLATES ON THE LOWER LEG BRACKETS FOR FIELD DRILLED WEDGE BOLT CONCRETE ANCHORS. THE PRESCRIBED NUMBER OF BOLTS MUST BE INSTALLED AS THE ANCHORAGE IS RELIED UPON TO PREVENT THE BASE PLATES FROM MOVING HORIZONTALLY. THE ROTARY LIFT INSTALLATION
GUIDE PROVIDES DETAILED INSTRUCTIONS FOR INSTALLING THE LIFT AND PROPER PROCEDURES TO ACCURATELY LOCATE THE MACHINE IN THE RECESS.

SPECIFIC ANCHOR BOLTS WHICH ARE APPROVED BY ROTARY LIFT FOR ANCHORING THE LOWER LEG BRACKETS ARE LISTED ON THE APPROVED ANCHOR BOLT DATA SHEET. ONLY APPROVED ANCHOR BOLTS SHALL BE USED AND NO OTHER SUBSTITUTIONS MAY BE USED UNLESS SPECIFICALLY APPROVED IN ADVANCE IN WRITING BY ROTARY LIFT, ENGINEERING SUPPORT GROUP. THIS APPROVAL SHALL BE ON A CASE BY CASE BASIS ONLY. PRODUCTS NOT APPROVAD AND NOT HAVE THE DOCUMENTED CAPACITY TO WITHSTAND THE FORCES EXERTED ON THE ANCHORAGE AND THEREFORE MAY NOT MEET THE AUTOMOTIVE LIFT INSTITUTE CERTIFICATION REQUIREMENTS.

IN CERTAIN CASES DRILLED AND EPDXY GROUTED THREADED ROD ANCHORAGE MAY BE USED. THIS TYPE OF ANCHORAGE MUST BE APPROVED BY ROTARY LIFT ENGINEERING SUPPORT GROUP ON A CASE BY CASE BASIS. A WRITTEN PROCEDURE FOR THIS TYPE OF ACHORAGE IS AVAILABLE UPON REQUEST. THE WRITTEN PROCEDURE CONTAINS A LISTING OF THE APPROVED PRODUCTS AND HARDWARE FOR THIS TYPE OF ANCHORAGE AND NO SUBSTITUTIONS MAY BE MADE UNLESS SPECIFICALLY APPROVED IN ADVANCE IN WRITING BY ROTARY LIFT, ENGINEERING SUPPORT GROUP.

THE REINFORCING STEEL SHALL BE PLACED IN THE BASE SLAB NOT TO INTERFERE WITH THE ANCHOR BOLTS. THE LIFT IS INSTALLED USING DRILLED IN PLACE WEDGE BOLT CONCRETE ANCHORS. THE LOCATION OF THE BOLTS ARE SHOWN IN THE FOOTPRINT BOLT PATTERN DETAIL.

FOR PROPER LIFT OPERATION THE LIFT PLATFORMS SHOULD BE INSTALLED LEVEL, THEREFORE, THE BASE OF THE RECESS SHOULD BE FASHIONED ACCORDINGLY. IF SHOP FLOOR SLOPE IS REQUIRED AROUND THE RECESS FOR DRAINAGE, PROVIDE THE SLOPE IN SUCH A WAY THAT THE IMMEDIATE AREA OF THE FLOOR WILL BE LEVEL OVER THE FULL LENGTH OF THE RECESS.

SLOPE THE BASE OF THE RECESS 1/16 INCH PER FOOT TOWARD THE CATCH BASIN. AREAS OF THE RECESS WHERE THE LOWER LEG BRACKET BASE PLATES MAKE CONTACT SHOULD NOT BE

CARE MUST BE TAKEN TO ENSURE THE PROPER ELEVATION OF THE RECESS BASE IN THE VICINITY OF THE LOWER LEG BRACKET BASE PLATES. A MAXIMUM OF ONE INCH ADJUSTMENT IS PROVIDED IN THE LIFT DESIGN TO ENSURE A FLUSH INSTALLATION. THIS ADJUSTMENT IS ALSO PROVIDED TO ACCURATELY LEVEL THE LIFT FROM END TO END.

THE CONTROL PANEL MUST BE LOCATED IN THE IMMEDIATE VICINITY OF THE LIFT. IT SHOULD BE PLACED FAR ENDUGH AWAY TO ALLOW AMPLE WORK SPACE AROUND THE LIFT AND TO ALLOW FOR WHEEL REMOVAL OR OTHER ACTIVITIES. THE CONTROL PANEL MAY BE ON ANY SIDE OR AT FITHER END OF THE LIFT.

PROVIDE DNE 4 INCH SCH 40 PIPE AS A HYDRAULIC SERVICE SUPPLY CONDUIT RUNNING FROM THE CONTROL PANEL TO EACH PLATFORM SERVICE LEG AT THE LOCATION SPECIFIED ON THE PLAN VIEW. A MAXIMUM DIF THREE 90 DEGREE ELBOWS MAY BE USED. THE ELBOW FITTINGS SHOULD BE STREET ELBOWS WITH WIDE BEND RADIUS TO ALLOW THE PULLING OF HYDRAULIC HOSES.

PROVIDE TWO (2) - 1 INCH RIGID CONDUITS PER LEG AS SERVICE SUPPLY CONDUITS RUNNING FROM THE CONTROL PANEL TO THE SERVICE LEG LOCATIONS SPECIFIED ON THE PLAN VIEW. THESE CONDUITS SHOULD BE INSTALLED ACCORDING TO ALL LOCAL AND NATIONAL ELECTRICAL CODES. A MAXIMUM OF FOUR 90 DEGREE BENDS MAY BE USED IN EACH RUN. EXPLOSION PROOF JUNCTION BOXES MUST BE USED.

PROVIDE TEMPORARY PLUGS OR CAPS FOR ALL SERVICE CONDUIT OPENINGS.

A 4 INCH DRAIN PIPE SHOULD BE PROVIDED TO CARRY DRAINAGE FROM CATCH BASIN TO AN DIL-WATER SEPARATOR. FLOOR DRAIN TRAPS SHOULD BE USED AND THE PIPE SHOULD SLOPE 1/8" PER FOOT TOWARDS THE SEPARATOR.

NUIE 1517
TWO CONDUITS MAY BE PROVIDED UNDER THE FLOOR RUNNING FROM THE BUILDING POWER SUPPLY
TO THE CONTROL PANEL LOCATION. DINE CONDUIT MAY BE USED FOR POWER SUPPLY AND DINE MAY
BE USED FOR SHOP AIR SUPPLY. ALTERNATIVELY THESE SUPPLY CONDUITS MAY BE BROUGHT
TO THE CONTROL PANEL LOCATION OVERHEAD. THESE CONDUITS SHOULD BE INSTALLED IN ACCORDANCE WITH ALL LOCAL AND NATIONAL CODES.

A FUSED ELECTRICAL DISCONNECT AND AN AIR FILTER/REGULATOR/LUBRICATOR ARE REQUIRED AT THE CONTROL CONSOLE FOR INCOMING POWER AND AIR. THESE ARE TO BE SUPPLIED BY THE GENERAL CONTRACTOR.

NΠΤΕ 16:

THE CONTROL SYSTEM REQUIRES A SEPARATE 115imes/120imes1 PH 60 Hz CIRCUIT OF 15 AMPERE. THIS WILL BE ADEQUATE FOR THE INSTALLATION OF THE OPTIONAL PLATFORM LIGHTING KIT. THE TOTAL NUMBER OF LIGHT FIXTURES IN THE STANDARD OPTIONAL LIGHT KIT IS SHOWN IN TABLE 1.

A FUSED ELECTRICAL DISCONNECT FOR THE CONTROL SYSTEM POWER SUPPLY SHALL BE PROVIDED BY THE GENERAL CONTRACTOR.

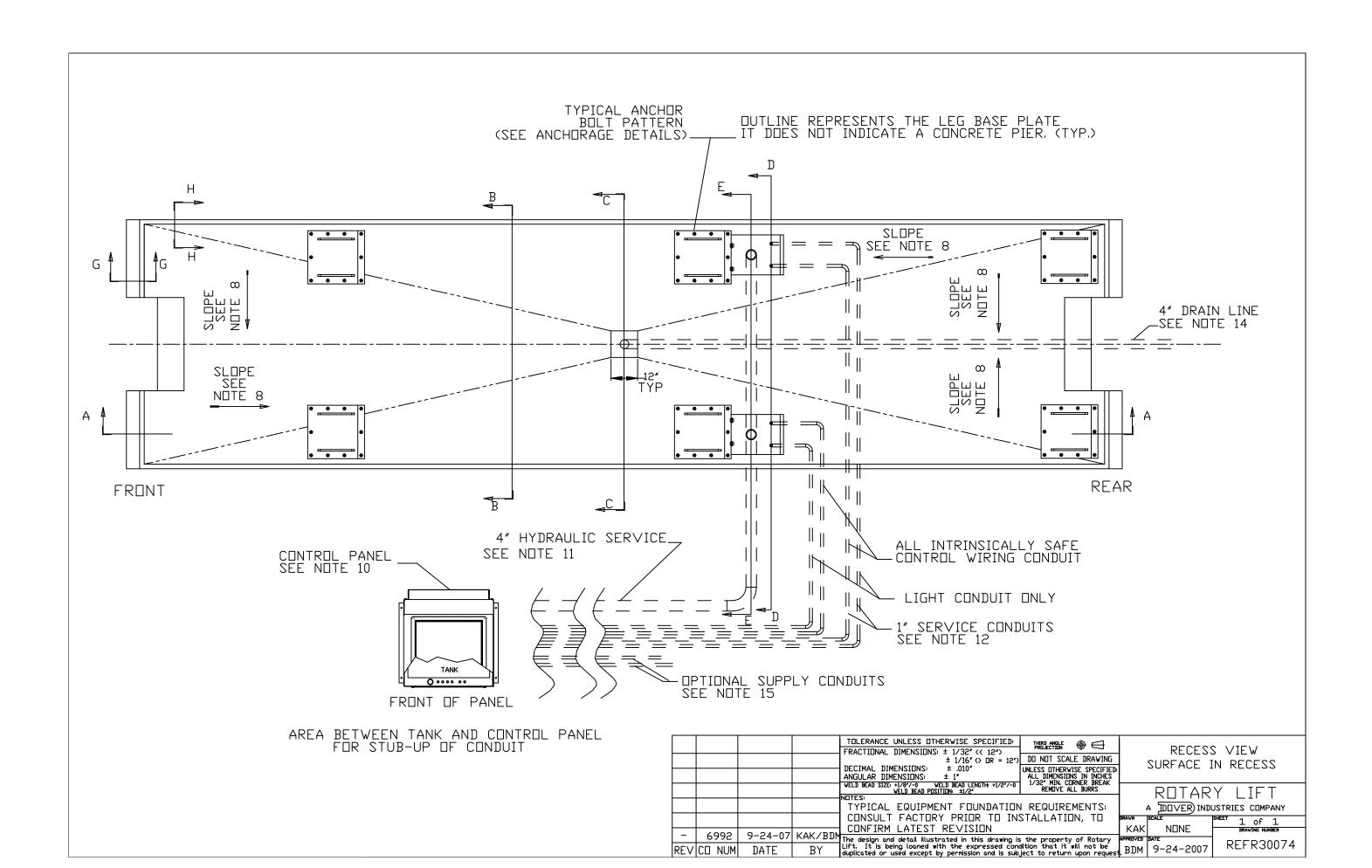
AIR CONSUMPTION REQUIREMENTS INDICATED IN TABLE 1 IS FOR LIFT UNIT OPERATION ONLY. IF THE OPTIONAL SHOP AIR KIT IS INSTALLED ON THE LIFT IT MUST BE CONSIDERED IN THE TOTAL AIR CONSUMPTION REQUIREMENTS. ALSD, EACH OPTIONAL ROLLING JACK CONSUMES 20 CFM AND REQUIRES 100 PSI OPERATING PRESSURE.

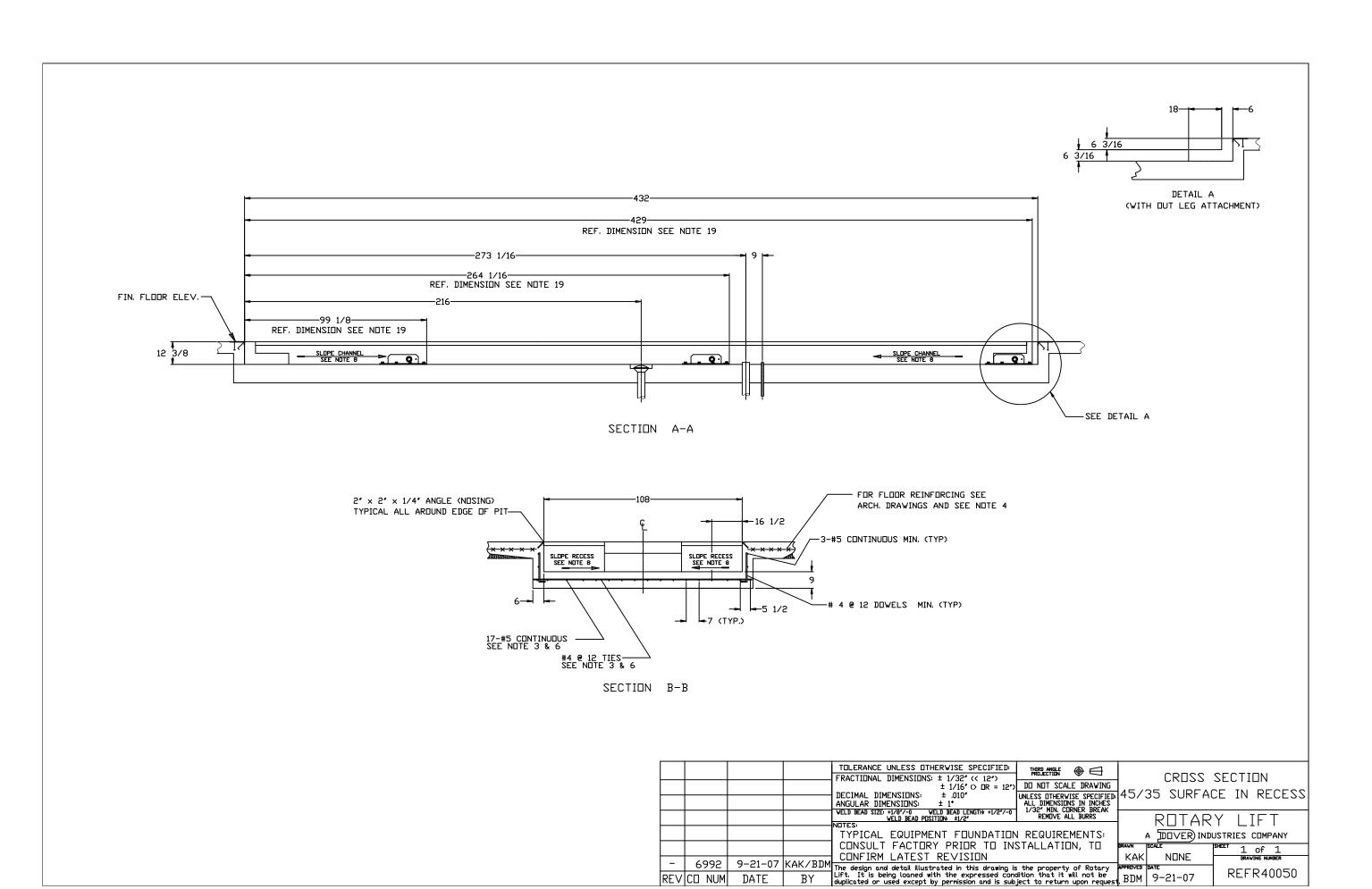
CONTACT ROTARY LIFT FOR APPROVAL PRIOR TO INSTALLATION OF ANY DEVIATIONS FROM THE REQUIREMENTS LISTED IN THIS DOCUMENT.

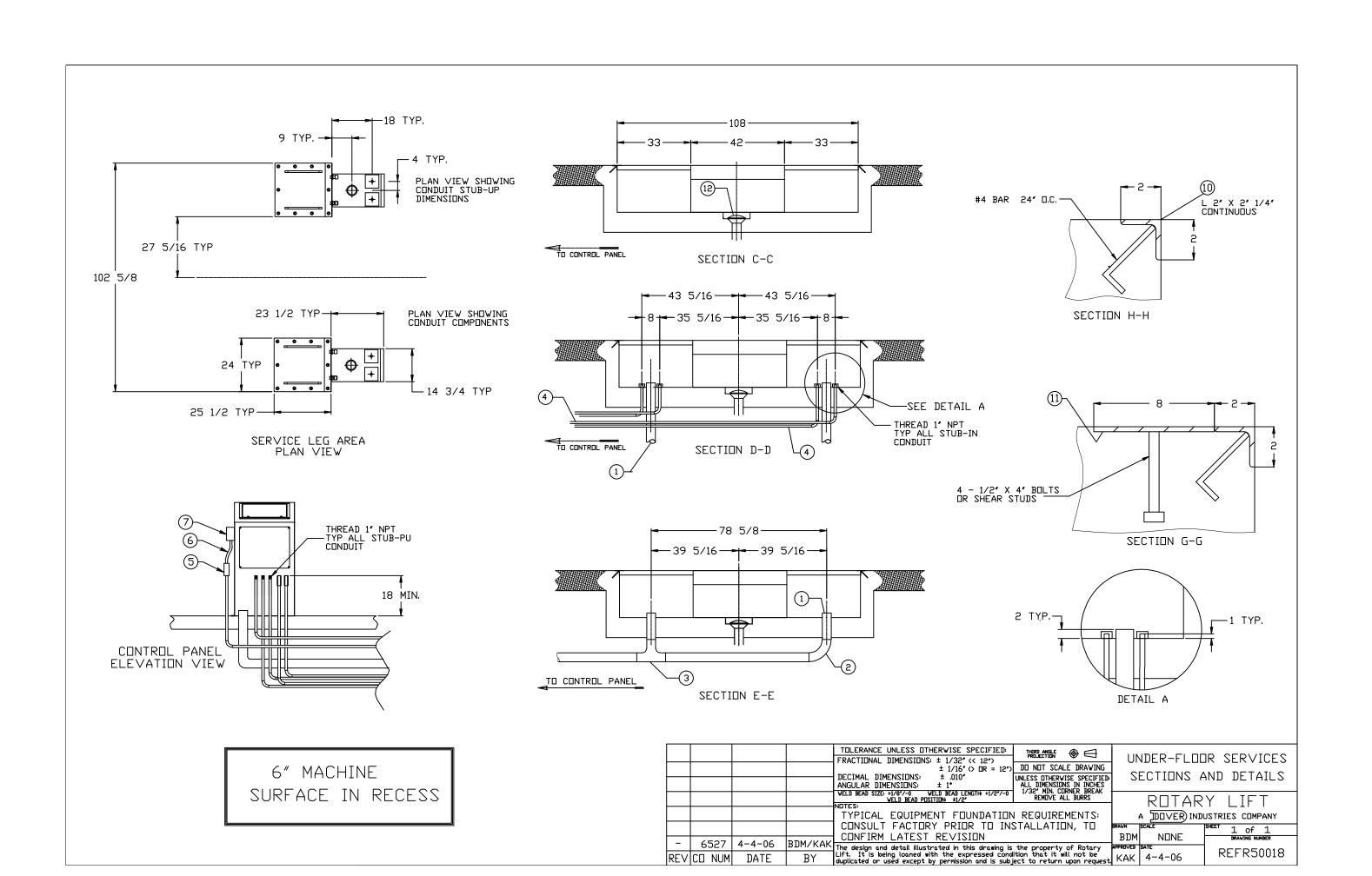
MEASURE THE ACTUAL RUNNING DIMENSIONS FROM THE PRODUCT BEFORE INSTALLATION.

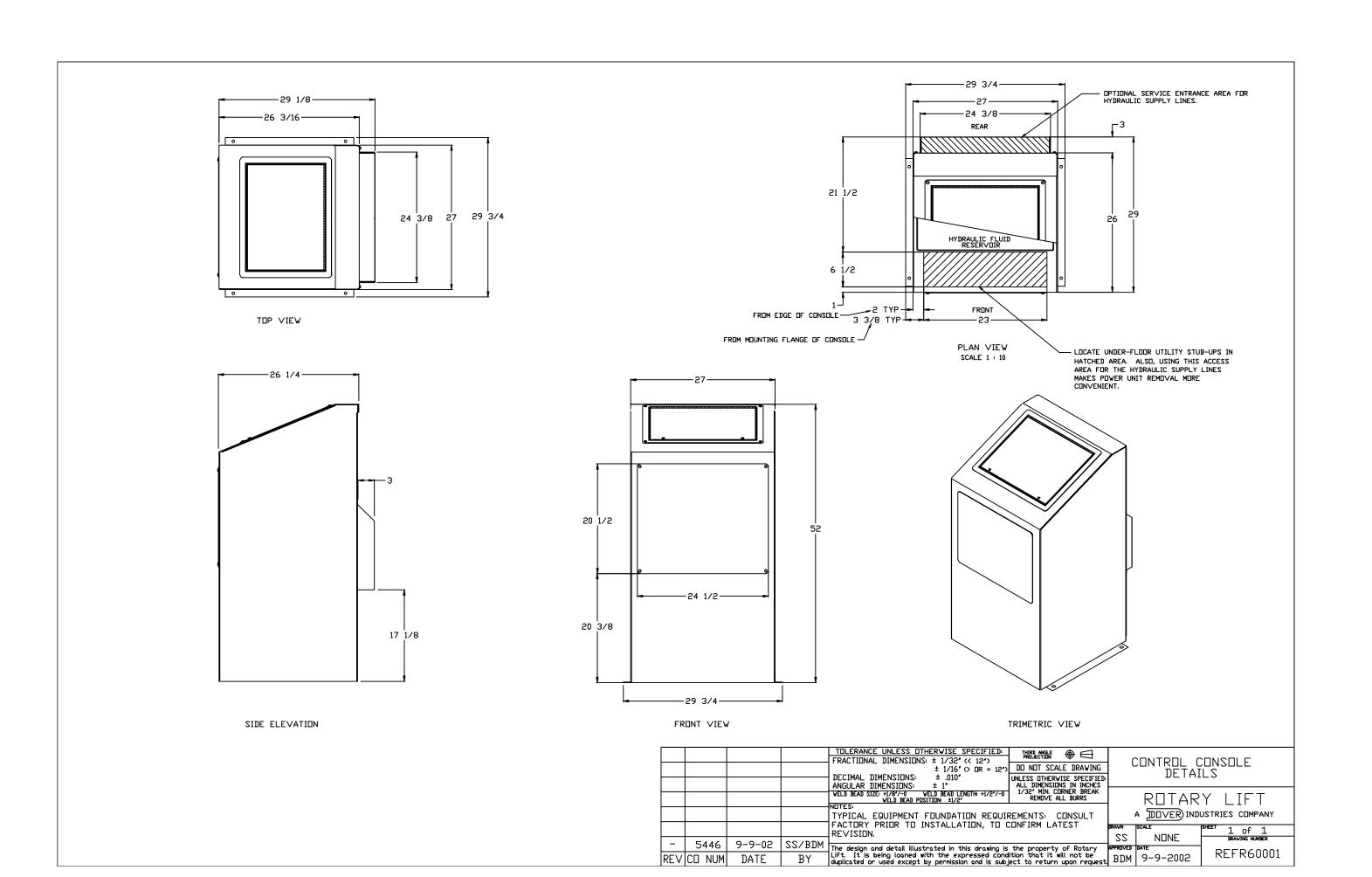
INTRINSICALLY SAFE CONTROL WIRING MUST BE SEPARATED FROM NON-INTRINSICALLY SAFE WIRES BY A MINIMUM OF 2".

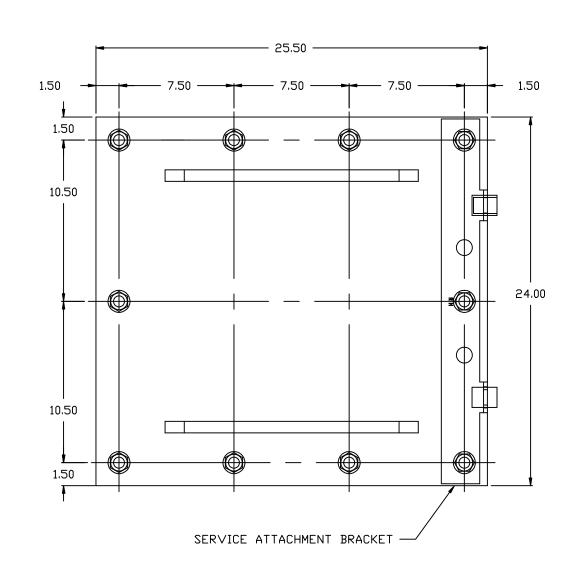
				FRACTIONAL DIMENSIONS: ± 1/32" (< 12")		GENERAL	NULLS
				± 1/16" ⟨> OR = 12"> DO NOT SCALE DRAWING] (N RECESS
				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS ON INCHES	1	SON HCL I	IN INCLUS
				VELD BEAD SIZE +1/8'-0 VELD BEAD LENGTH +1/2'-0 VELD BEAD SIZE +1/8'-0 VELD BEAD POSITION ±1/2' VELD BEAD POSITION ±1/2' NOTES:		ROTAR	Y LIFT
В	7374	03/31/09	GDL/BDM	TYPICAL EQUIPMENT FOUNDATION REQUIREMENTS: CONSULT		A DOVER IND	USTRIES COMPANY
A	6294.39	5-10-07	KAK/BDM	FACTORY PRIOR TO INSTALLATION, TO CONFIRM LATEST REVISION.			SHEET 1 of 1
_	5446				SS	NDNE	DRAVING NUMBER
REV	CD NUM	DATE	BY	The design and detail flustrated in this drawing is the property of Rotary Lift. It is being loaned with the expressed condition that it will not be duplicated or used except by permission and is subject to return upon reques	DDM		REFR20001



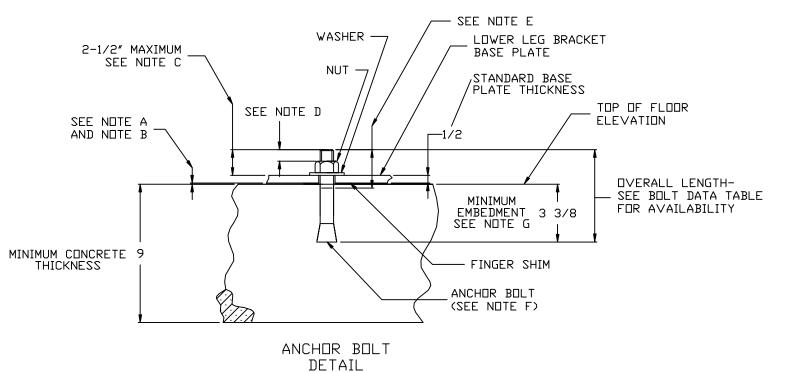




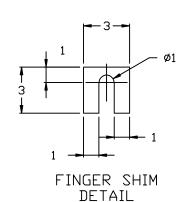




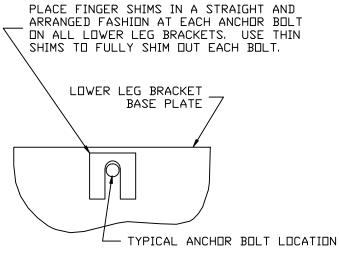
6" CYLINDER FOOTPRINT BOLT PATTERN
3/4" ANCHORS
FLUSH/SURFACE IN RECESS



FOR NOTES SEE APPROVED ANCHOR BOLT DATA AND TORQUE SPECIFICATIONS SHEET



NOTE: FINGER SHIMS ARE AVAILABLE IN A RANGE OF THICKNESSES FROM 1/4" DOWN TO 20 GA



PLACEMENT OF FINGER SHIM DETAIL

NOTE: THE MAXIMUM HEIGHT OF ANY STACK OF SHIMS IS 1 INCH

				TOLERANCE UNLESS OTHERWISE SPECIFIED: THIRD ANGLE PROJECTION FRACTIONAL DIMENSIONS: ± 1/32" (< 12")	⊕		
				± 1/16" (> OR = 12") DO NOT SC	ALE DRAWING	ANCH□RAG	E DETAILS
				ANGULAR DIMENSIONS: ± 1° ALL DIMENSI	WISE SPECIFIED:		
				VELD BEAD SIZE: +1/8"/-0 VELD BEAD LENGTH: +1/2"/-0 1/32" MIN. (VELD BEAD POSITION: ±1/2" REMOVE	CORNER BREAK ALL BURRS] RNTAR	Y LIFT
				NOTES: TYPICAL EQUIPMENT FOUNDATION REQUIREMENTS:	CONSULT	1 1 1 1 1 1 1	DUSTRIES COMPANY
				FACTORY PRIOR TO INSTALLATION, TO CONFIRM L∉ REVISION.	TEST	DRAWN SCALE	SHEET 1 of 1
_	6294.9	06-23-05	KAK/BDM		of Potent	KAK NONE	DRAWING NUMBER
REV	CD NUM	DATE	BY	The design and detail illustrated in this drawing is the propert Lift. It is being loaned with the expressed condition that it duplicated or used except by permission and is subject to retur	y of Rotary will not be 1 upon request.	BDM 6-23-2005	REFR70010

STANDARD ANCHOR BOLT DIMENSIONS

RAWL CATALOG NUMBER	MARKSMEN CATALOG	□VERALL LENGTH	MAXIMUM SHIM THICKNESS	MARKSMEN MINIMUM SHIM THICKNESS
7444	TS-34-614	6-1/4"	7/8"	-
7446	TS-34-7	7"	1-5/8"	3/8"
7448	TS-34-812	8-1/2"	3-1/4" (SEE NOTE A)	1-5/8"
7449	TS-34-10	10"	4" (SEE N□TE A&B)	3-3/8"

HILTI CATALOG	□VERALL LENGTH	MAXIMUM SHIM THICKNESS
282537	7"	1-5/8"
282520	8 "	2-5/8" (SEE NOTE A)
282538	10"	4" (SEE NOTE A&B)

NUTS AND WASHERS ARE SUPPLIED WITH ALL ANCHOR BOLTS

APPROXIMATE NUT DIMENSIONS

NUT SIZE	WIDTH ACROSS FLATS	HEIGHT
3/4"	1-1/8"	5/8"

APPROXIMATE WASHER DIMENSIONS

WASHER SIZE	INSIDE DIAMETER	DUTSIDE DIAMETER	THICKNESS
3/4"	13/16"	2″	5/32 *

NOTE A:
THIS DIMENSION REPRESENTS THE SHIM THICKNESS. THE MAXIMUM FINGER SHIM THICKNESS IS
1". WHEN MORE THAN 1" SHIM THICKNESS IS REQUIRED AT ANY ONE OR MORE ANCHOR BOLT ON
ANY ONE OR MORE LOWER LEG BRACKET THEN A SPECIAL FULL SIZE CONTACT SHIM IS
REQUIRED. THE FULL SHIM IS SUPPLIED BY ROTARY LIFT AND IS DESIGNED IN SUCH A WAY
AS TO PREVENT BENDING OF THE ANCHOR BOLT GROUP.

NUTE B

WHEN MORE THEN 4" OF SHIM THICKNESS IS NEEDED, A SPECIAL SITE SPECIFIC ANCHORAGE DESIGN IS REQUIRED. CONTACT ROTARY LIFT, ENGINEERING GROUP FOR ASSISTANCE IN THIS CASE.

NOTE C

IN CERTAIN CIRCUMSTANCES THIS DIMENSION WILL NEED TO BE LIMITED TO A MAXIMUM OF 2-1/2" TO AVOID INTERFERENCE WITH THE PLATFORM TUBE MEMBERS AND THE TAPE SWITCH RUNNING THE LENGTH OF THE PLATFORM. IF ANCHOR BOLTS EXTEND ABOVE 2-1/2" THEN IN THOSE CASES THEY NEED TO BE CUT TO LENGTH AFTER INSTALLATION.

IDTE D

USE MINIMUM 3/4" BOLT LENGTH BEYOND THE NUT ON ALL LEG LOWER LEG BRACKETS. THIS WILL YEILD A MINIMUM OF 1/2" BOLT LENGTH AT THE SERVICE BRACKET ATTACHMENT. THIS PROCEDURE WILL PROVIDE ADEQUATE LENGTH THROUGHOUT.

NUTE E

THE THREAD LENGTH FOR 3/4" DIAMETER RAWL BOLTS VARIES, HOWEVER THE MINUMUM THREAD LENGTH IS 4-3/8". THE THREAD LENGTH FOR 3/4" DIAMETER MARKSMEN BOLTS IS 2". THE THREAD LENGTH FOR 3/4" DIAMETER HILTI KWIK BOLT 3'S VARIES, HOWEVER THE MINIMUM THREAD LENGTH IS 4-1/2". THE OVERALL BOLT LENGTH IS MEASURED FROM EXTREME END TO END.

NUTE E

THE REPAIR OF DAMAGED OR MISS-ALIGNED ANCHOR BOLTS SHALL BE MADE ACCORDING TO THE WRITTEN PROCEDURE "PARALLELOGRAM LIFT SYSTEMS PROCEDURE FOR REMOVAL, REPAIR, AND/OR RELOCATION OF EXPANSION WEDGE BOLT CONCRETE ANCHORS". THIS PROCEDURE IS AVAILABLE FROM ROTARY LIFT, ENGINEERING GROUP.

NOTE G

THE EMBEDMENT DEPTH IS DEFINED AS THE DISTANCE FROM THE SURFACE OF THE CONCRETE TO THE EXTREME BOTTOM OF THE ANCHOR BOLT PRIOR TO APPLYING THE INSTALLATION TORQUE. IT IS NATURAL FOR THE ANCHOR TO BE PULLED UP SLIGHTLY DUE TO THE SETTING ACTION OF THE ANCHOR

APPROVED ANCHOR BOLT LIST

ANCHOR BOLTS WHICH ARE APPROVED FOR USE ARE:

POWER-STUD

CARBON STEEL OF THE DIAMETER SIZE SHOWN IN TABLE 1. MANUFACTURED BY:

THE RAWLPLUG COMPANY, INC. NEW ROCHELLE NEW YORK, 10802

TELEPHONE NUMBER 914-235-6300

LOAD CAPACITY OF POWER-STUD ANCHORS ARE LISTED IN INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS REPORT NO. 5225. AND FOR 7/8", 1" AND 1-1/4" DIAMETER BOLTS LOAD CAPACITY IS LISTED IN SUMMARY REPORT BY CTI ENGINEERING REPORT NUMBER 5R17 DATED OCTOBER 31, 1995.

2. MARKSMEN MANUFACTURING COMPANY

CARBON STEEL OF THE DIAMETER SIZE SHOWN IN TABLE 1. MANUFACTURED BY:

MARKSMEN MANUFACTURING COMPANY 259 CORTLAND STREET LINDENHURST, NY 11757 TELEPHONE NUMBER 631-226-0666

LOAD CAPACITY OF THUNDERSTUD ANCHORS ARE LISTED IN INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS REPORT NO. 2713.

3. HILTI, INC.

CARBON STEEL OF THE DIAMETER SIZE SHOWN IN TABLE 1. MANUFACTURED BY:

HILTI, INC. 5400 S. 122 E. AVENUE TULSA, DK 74146 TELEPHDNE NUMBER 1-800-879-8000

LDAD CAPACITY OF KWIK BOLT 3 ARE LISTED IN ICC REPORT NO. ESR-1385

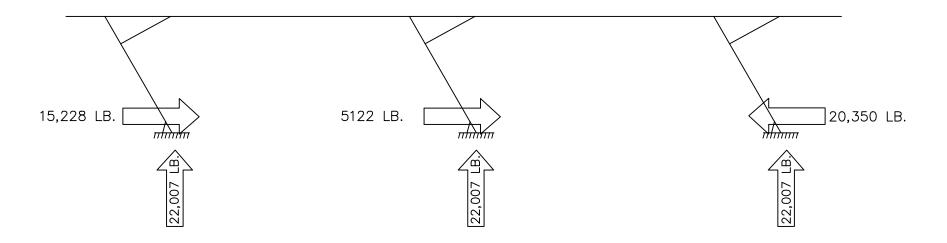
NO SUBSTITUTIONS SHALL BE MADE UNLESS PRIOR WRITTEN APPROVAL HAS BEEN GRANTED BY ROTARY LIFT, ENGINEERING SUPPORT GROUP ON A SPECIFIC LIFT INSTALLATION. THIS APPROVAL WILL ONLY BE GRANTED ON A CASE BY CASE BASIS. USE OF ANCHOR BOLTS WHICH ARE NOT APPROVED MAY NOT HAVE THE DOCUMENTED LOADCARRYING CAPACITY TO WITHSTAND THE FORCES EXERTED ON THE ANCHORAGE AND MAY, THEREFORE, NOT MEET THE REQUIREMENTS OF THE AUTOMOTIVE LIFT INSTITUTE CERTIFICATION CRITERIA

3/4" ANCHORS

				FRACTIONAL DIMENSIONS: ± 1/32" (< 12")	→	APP	ROVED ANCH	HOR BOLT DATA
				± 1/16" (> DR = 12") DO NOT SCALE I		AN1	D TORQUE S	PECIFICATIONS
				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE : ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS IN				
				WELD BEAD SIZE: +1/8"/-0 WELD BEAD LENGTH: +1/2"/-0 1/32" MIN. CURNER	R BREAK			\/
				WELD BEAD POSITION: ±1/2' REMOVE ALL BU	BURKS		$R \square I A R$	Y LIFT
				NOTES:		4	A DOVER INDU	JSTRIES COMPANY
					Þ	- 1		SHEET 1 of 1
	60040	6 04 05	LCALC (DDM			KAK	NDNE	DRAWING NUMBER
	6294.8	6-24-05	KAK/BDW	The design and detail illustrated in this drawing is the property of	Rotary A	PPROVED	DATE	DEED00004
REV	CD NUM	DATE	BY	The design and detail illustrated in this drawing is the property of Lift. It is being loaned with the expressed condition that it will a duplicated or used except by permission and is subject to return upon	not be	BDM	6-24-2005	REFR80004

TABLE ONE	45/35S IN RECESS	∗T□ BE	*TO BE SUPPLIED BY GENERAL CONTRACTOR					
			TYPICAL					
LIFT UNIT DATA								
MAXIMUM LOAD CAPACITY (LBS)	45,000	ITEM	QTY	DESCRIPTION	DESCRIPTION			
SHIPPING WEIGHT (LBS)	10,000	1*	AR	4" SCH 40 PIPE	PVC or STEEL			
ANCHORAGE		2*	AR	4" SCH 40 STREET ELBOW	PVC or STEEL			
ANCHOR BOLT DIAMETER	3/4″	3*	AR	4" SCH 40 TEE	PVC or STEEL			
NUMBER OF BOLTS PER LEG	10	4*	AR	1" RIGID CONDUIT	STEEL			
BOLT PATTERN	REFR70010	5*	AR	1" SEAL BARRIER	STEEL			
INSTALLATION TORQUE (FT-LBS.)	175	6*	AR	SEALTITE FLEXIBLE CONDUIT	STEEL			
ANCHOR RE-TIGHTENING TORQUE (FT-LBS.)	80	7*	1	4 X 4 X 2 NEMA 12 JUNCTION BOX	STEEL			
ANCHOR STATIC INSPECTION TORQUE (FT-LBS.)	60	8*	60	3/4" ANCHOR BOLTS	STEEL			
MINIMUM EMBEDMENT LENGTH (IN)	3 3/8"	9*	4	EXPLOSION PROOF BOX	ALUMINUM, APPLETON GRUE 100-A			
MINIMUM CONCRETE THICKNESS (IN)	9	10*	AR	L2 × 2 × 1/4 × 145 Ft. WITH ANCH□RAGE	ASTM A36 PAINTED RED			
HYDRAULIC		11*	4	1/4 × 8 × 37 PLATE WITH ANCHORAGE	ASTM A36 PAINTED RED			
HYDRAULIC CYLINDER DIA. (IN)	6"	12*	1	FLOOR DRAIN TAP-ZURN MODEL	Z-415 TYPE N STRAINER			
RESERVOIR CAPACITY (GAL.)	25							
OIL TYPE	ISD32 DR AW32							
ELECTRICAL								
MOTOR HORSEPOWER	15							
208/230√. 3PH, M□T□R (FLA)	48/42							
OR 460∨ 3PH, MOTOR (FLA)	21							
CONTROLS - 120V 1PH	5 AMPERE							
OPTIONAL LIGHT PACKAGE	8 BULBS							
120V 1PH SEE NOTE 16	- O BOLDS							
SHOP AIR								
AIR PRESSURE (PSI)	90-110							
AIR VOLUME (CFM), LIFT ONLY, SEE NOTE 17	5							
AIR VOLUME (CFM) PER ROLLING JACK, SEE NOTE 17	20							

				FRACTIONAL DIMENSIONS: = 1/35" (< 15.)	⊕ □	LI	FT UNIT S	PECIFICATIONS
				# 1/16" (> DR = 12") DO NOT SCALE DECIMAL DIMENSIONS: # .010" UNLESS OTHERWISI	E SPECIFIED	TABL	E ONE ANI	MATERIAL LISTS
				ANGULAR DIMENSIONS: ± 1* VELD BEAD SIZE: +1/87'-0 VELD BEAD LENGTH: +1/27'-0 VELD BEAD POSITION: ±1/2' REMOVE ALL REMOVE ALL 1/32' MIN. CORN REMOVE ALL	NER BREAK		RПТАГ	RY LIFT
				NOTES:			A DOVER IN	DUSTRIES COMPANY
							SCALE	SHEET 1 of 1
	6992	9-21-07	KAK/BDM			KAK	NDNE	DRAWING NUMBER
REV		DATE	BY	The design and detail illustrated in this drawing is the property o Lift. It is being loaned with the expressed condition that it will duplicated or used except by permission and is subject to return u	of Rotary ll not be upon request	BDM	9-21-07	REFR90075



NOTES

THE FORCES SHOWN ARE PEAK FORCES FOR VARIOUS LIFT CONDITIONS AND RISE HEIGHTS.

THE FORCES SHOWN ARE PEAK FORCES AND THEREFORE ARE NOT EQUILIBRIUM WITH THE APPLIED LOADS.

FOUNDATION REQUIREMENTS ARE TO BE DESIGNED TO TAKE PEAK FORCES AT EVERY LEG DUE TO VARIABLE LOADING CONDITIONS. ABOVE DIAGRAM DEPICTS ONE TYPE OF LOADING CONDITION, FOR REFERENCE ONLY.

NO SAFETY FACTORS HAVE BEEN APPLIED TO THE FORCES SHOWN.

THE LOCATION OF EXPANSION JOINTS IN THE EXISTING FLOOR SYSTEM SHOULD BE CONSIDERED IN LOCATING THE LIFT UNIT, NONE OF THE LOWER LEG BRACKETS SHALL BE PLACED OVER AN EXPANSION JOINT, ALSO NONE OF THE LOWER LEG BRACKETS SHALL BE PLACED CLOSER THAN 12.5 INCHES TO AN EXPANSION JOINT OR ANY FREE EDGE OF THE SLAB, THE LOCATION OF CONSTRUCTION JOINTS IN THE FLOOR SYSTEM IS GENERALLY OF NO CONCERN PROVIDED THAT THE AREA IS IN GOOD CONDITION.

				TOLERANCE UNLESS OTHERWISE SPECIFIED: THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION THIRD ANGLE PROJECTION		
				FRACTIONAL DIMENSIONS: ± 1/32" (< 12") ± 1/16" (> OR = 12") DO NOT SCALE DRAWING	PEAK FOUNDA	ATION LOADS
				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED: ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS IN INCHES	45/35	SURFACE
				VELD BEAD SIZE: +1/8"/-0 VELD BEAD LENGTH: +1/2"/-0 1/32" MIN. CURNER BREAK REMOVE ALL BURRS	RUTAR	YITFT
				TYPICAL EQUIPMENT FOUNDATION REQUIREMENTS:	1	JSTRIES COMPANY
				CONSULT FACTORY PRIOR TO INSTALLATION, TO		SHEET 1 of 1
_	6294.2	8-10-05	CJW/KK	CONFIRM LATEST REVISION The design and detail illustrated in this drawing is the property of Rotary	CJW NONE	DRAWING NUMBER
REV	CO NUM	DATE	BY	Lift. It is being loaned with the expressed condition that it will not be duplicated or used except by permission and is subject to return upon request	KK 8-10-05	REFR00020