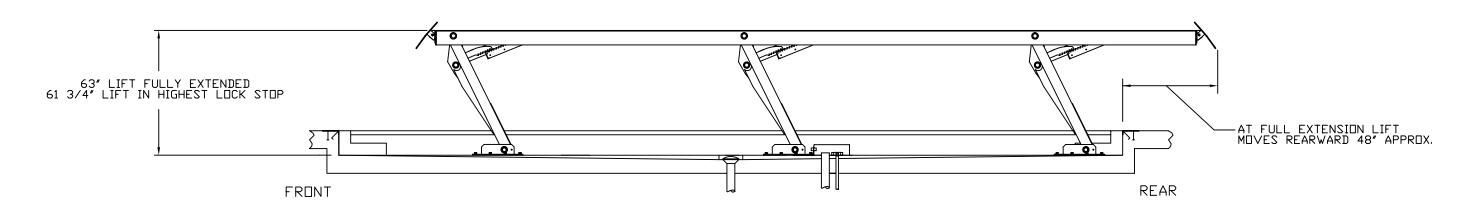
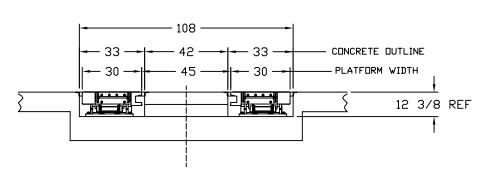


SIDE ELEVATION LIFT FULLY RETRACTED



SIDE ELEVATION LIFT FULLY EXTENDED



TYPICAL TRANSVERSE SECTION

SHEET	CONTENTS					TOLERANCE UNLESS OTHERWISE SPECIFIED: FRACTIONAL DIMENSIONS: ± 1/32" (< 12")	50/32 SURFAC	E IN RECESS
REFR10062	LIFT UNIT ELEVATIONS AND SECTION VIEW					± 1/16" (> □R = 12") D□ N□T SCALE DRAWING	GEN 4 LIFT UN]	IT ELEVATIONS
REFR20001	GENERAL NOTES					DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED: ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS IN INCHES	AND SECTION	IN VIEW
REFR30061	RECESS VIEW	-				WELD BEAD SIZE: 41/9//O WELD BEAD LENGTH: 41/2//O 1/32" MIN. CURNER BREAK		
REFR40038	CROSS SECTION VIEW					WELD BEAD POSITION: ±1/2' REMOVE ALL BURRS	ROTAR`	Y LIFT
REFR50018	UNDER-FLOOR SERVICES SECTIONS AND DETAILS					TYPICAL EQUIPMENT FOUNDATION REQUIREMENTS:	A DOVER INDU	STRIES COMPANY
REFR60001	CONTROL CONSOLE DETAILS					CONSULT FACTORY PRIOR TO INSTALLATION, TO 🗖	AVN SCALE S	HEET 1 of 1
REFR70010	ANCHORAGE DETAILS					CONFIRM LATEST REVISION	BDM NONE	DRAVING NUMBER
REFR80004	APPROVED ANCHOR BOLT DATA AND TORQUE SPECIFICATIONS		6527	4-4-06	BDW\KYK	The design and detail illustrated in this drawing is the property of Rotary	PROVED DATE	REFR10062
REFR90062	LIFT UNIT SPECIFICATIONS TABLE ONE AND MATERIALS LIST	REV	CO NUM	DATE	BY	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 duplicated or used except by permission and is subject to return upon request.	KAK 4-4-06	KELKIUUDE

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.

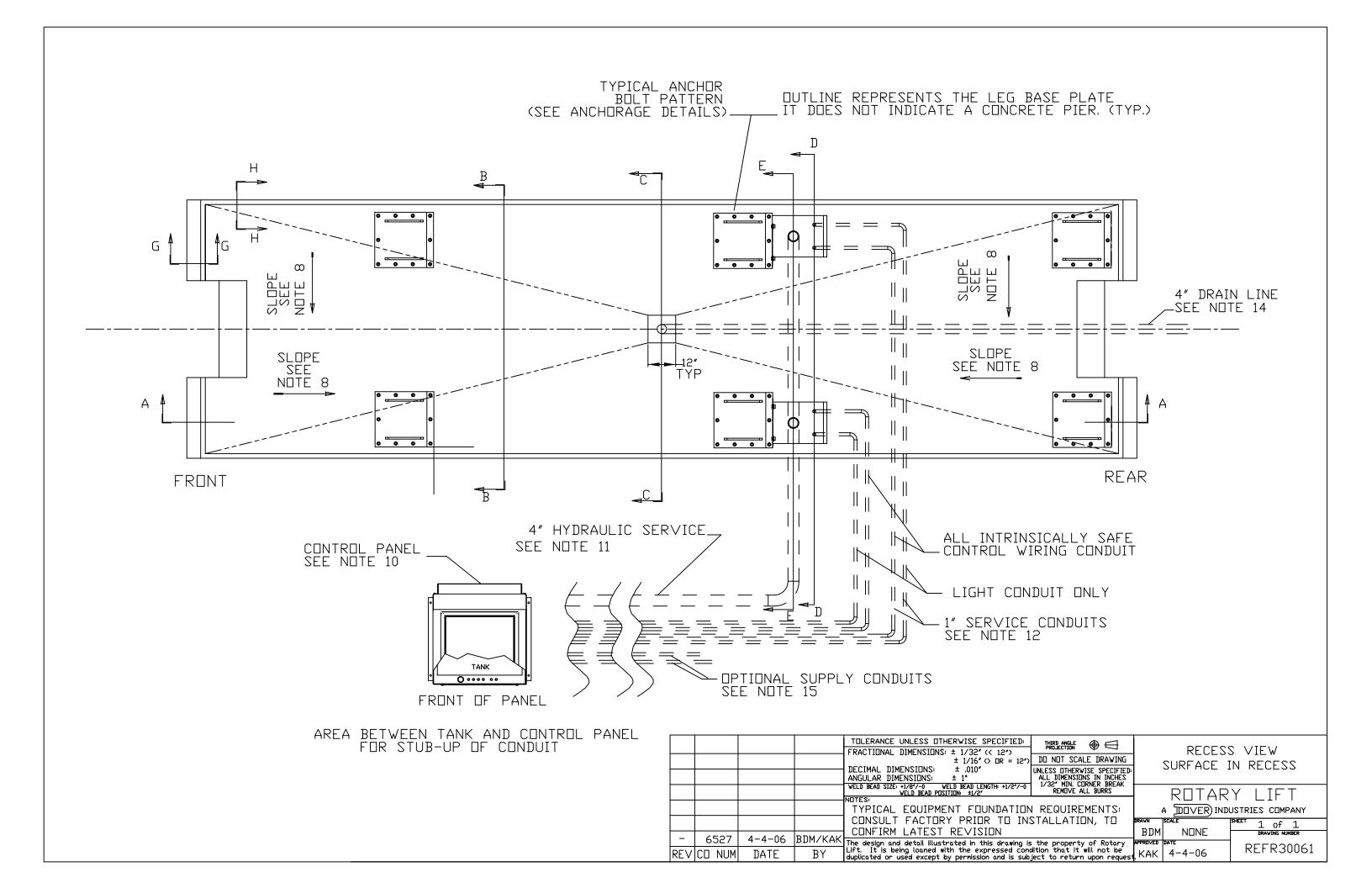
AIR CONSUMPTION REQUIREMENTS INDICATED IN TABLE 1 IS FOR LIFT UNIT OPERATION ONLY. IF THE OPTIONAL SHOP AIR KIT IS INSTALLED ON THE LIFT IT MUST BE CONSIDERED IN THE TOTAL AIR CONSUMPTION REQUIREMENTS. ALSO, EACH OPTIONAL ROLLING JACK CONSUMES 20 CFM AND REQUIRES 100 PSI OPERATING PRESSURE.

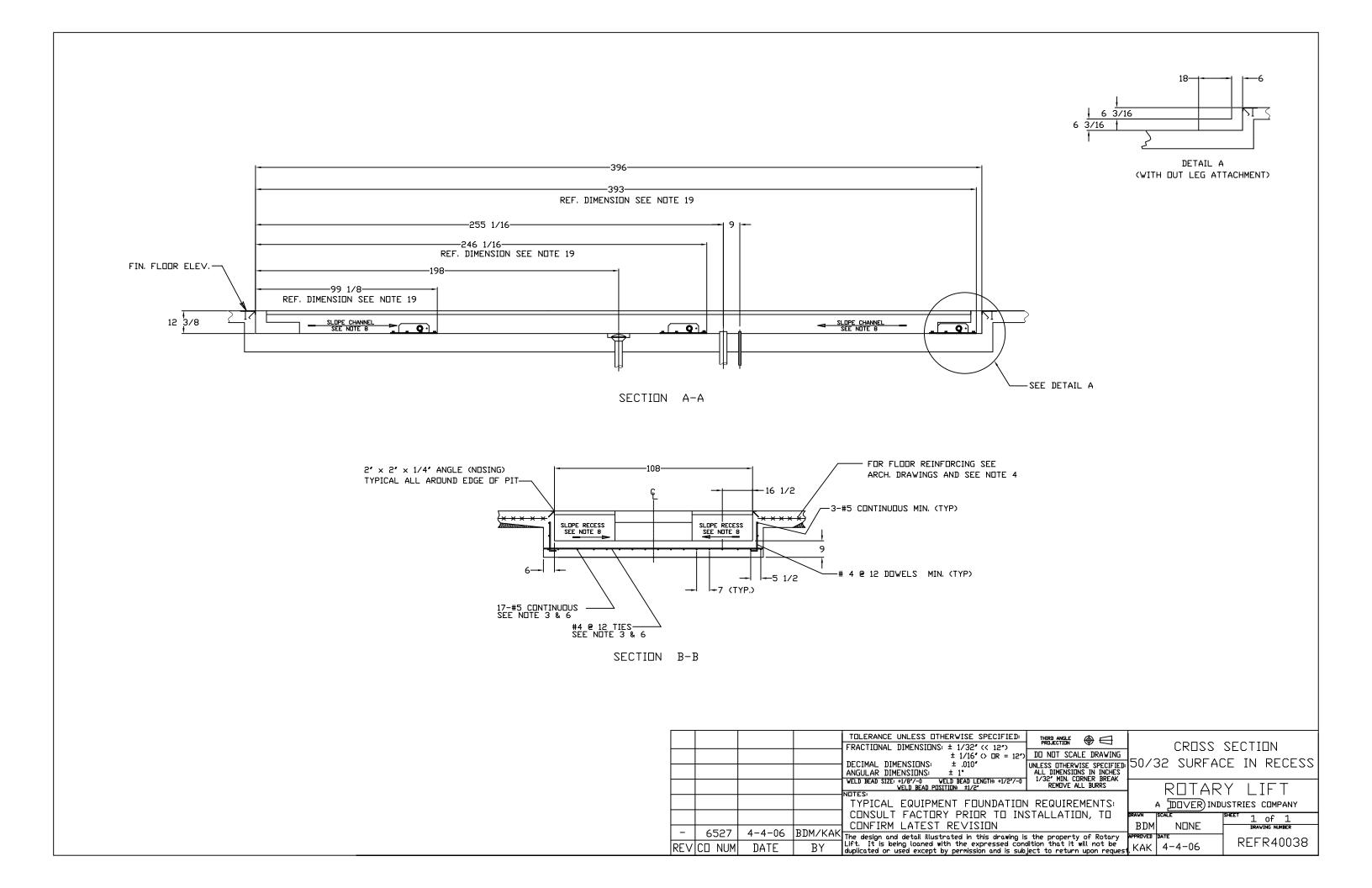
CONTACT ROTARY LIFT FOR APPROVAL PRIOR TO INSTALLATION OF ANY DEVIATIONS FROM THE REQUIREMENTS LISTED IN THIS DOCUMENT.

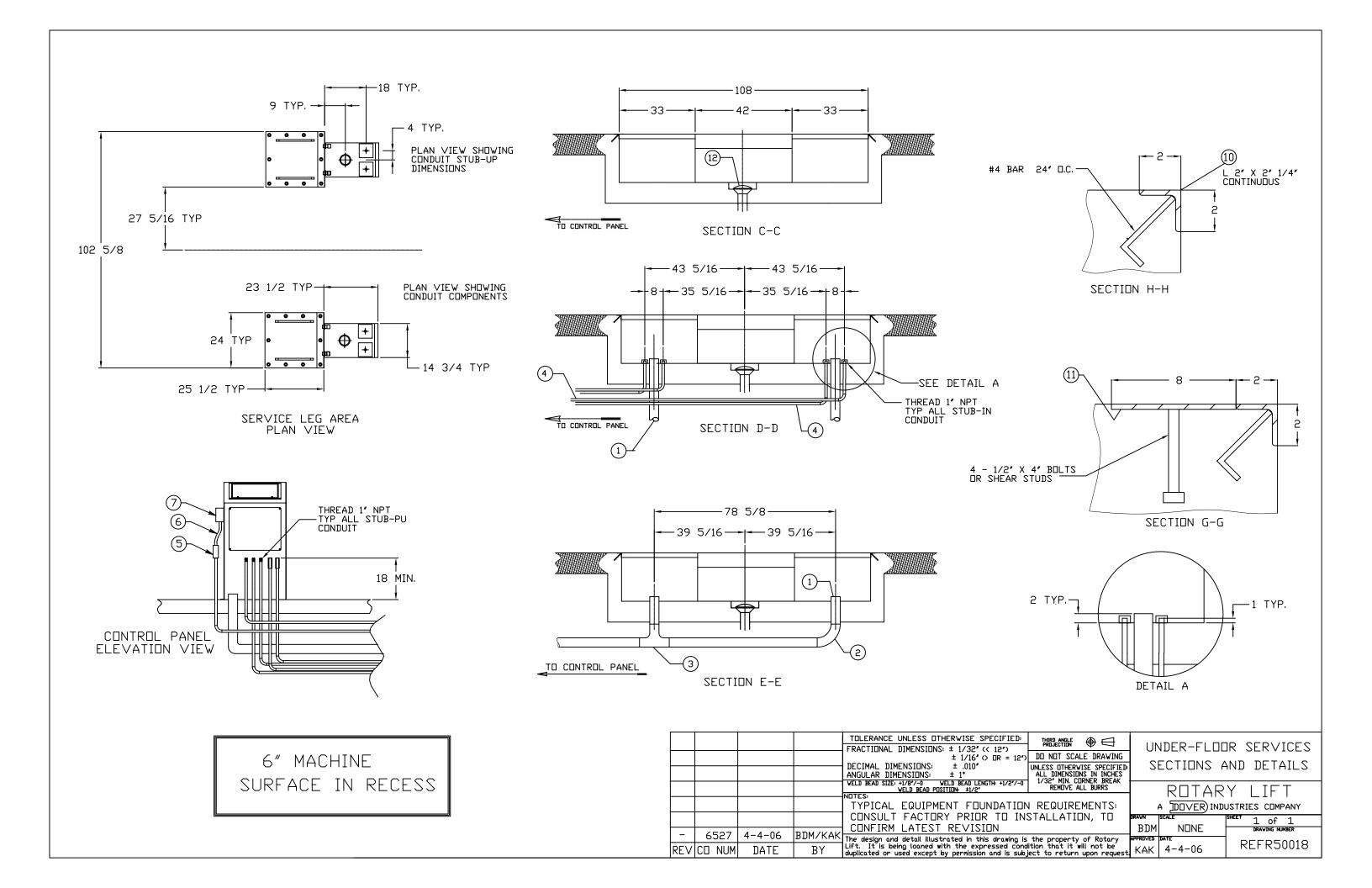
MEASURE THE ACTUAL RUNNING DIMENSIONS FROM THE PRODUCT BEFORE INSTALLATION.

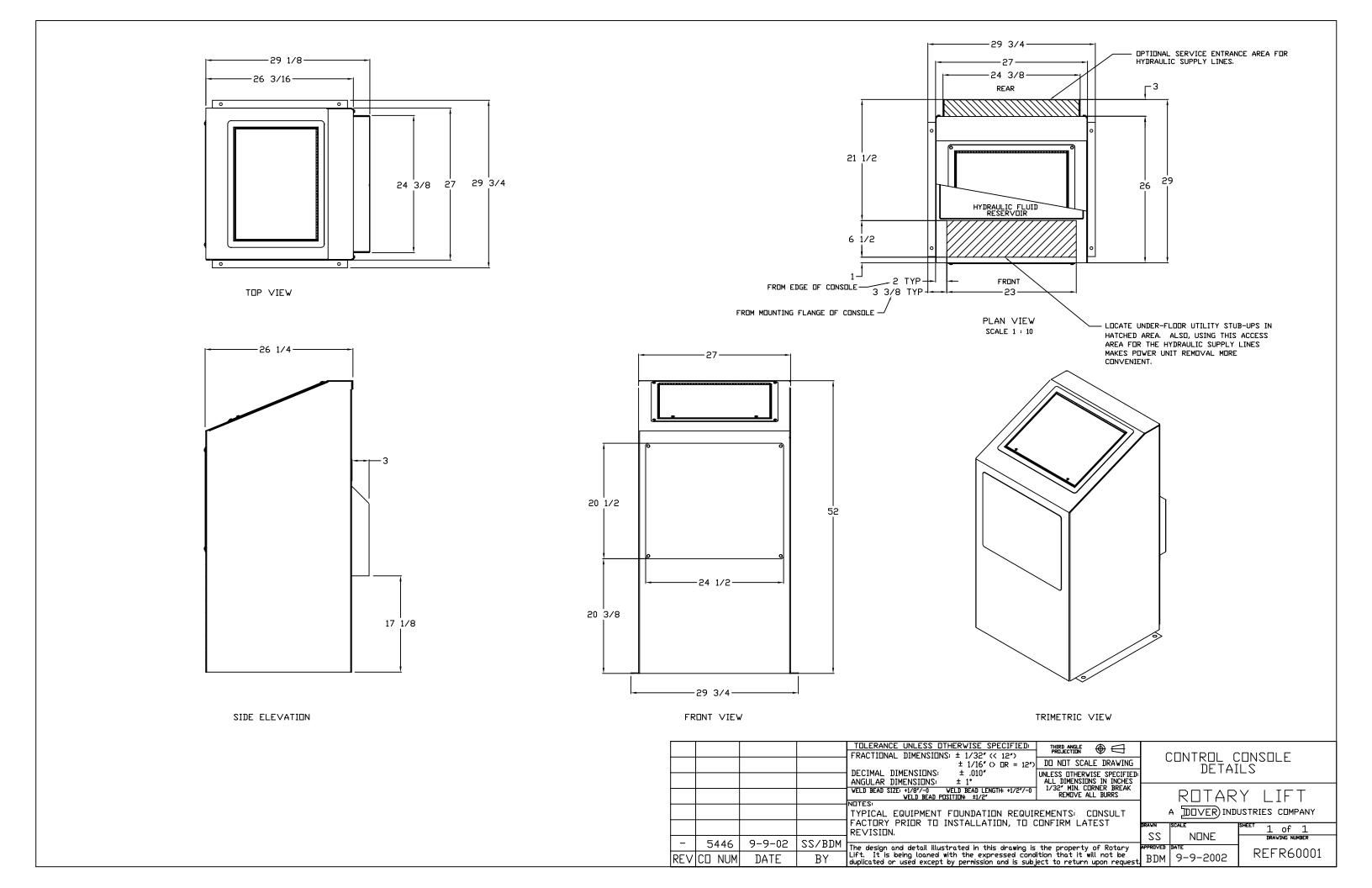
INTRINSICALLY SAFE CONTROL WIRING MUST BE SEPARATED FROM NON-INTRINSICALLY SAFE WIRES BY A MINIMUM OF 2".

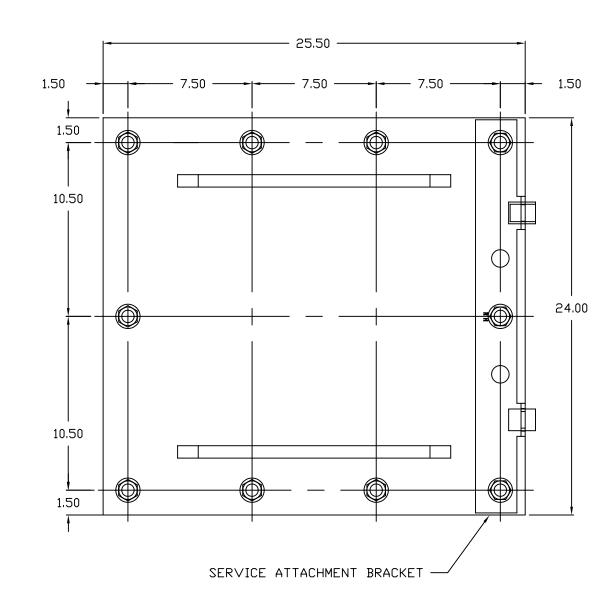
				FRACTIONAL DIMENSIONS: ± 1/32" (< 12")		GENERAL	NULLS
				± 1/16" (> DR = 12") DO NOT SCALE DRAWING] (N RECESS
				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS ON INCHES	1	SON HCL I	IN INCLUS
				VELD BEAD SIZE +1/8'-0 VELD BEAD LENGTH +1/2'-0 VELD BEAD 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



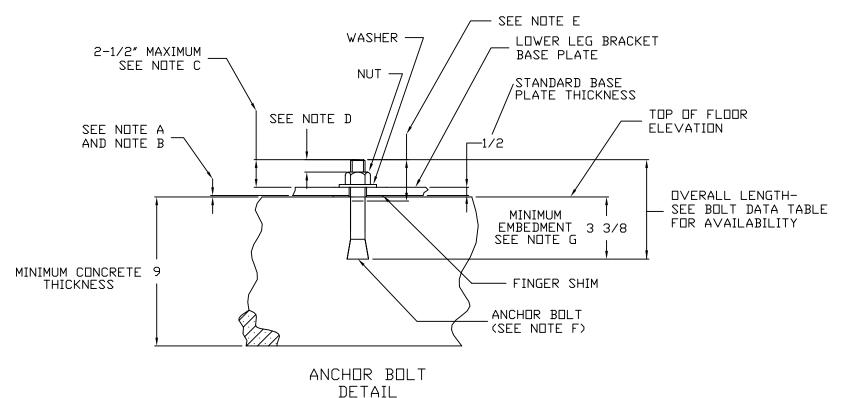




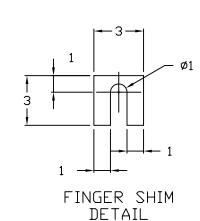




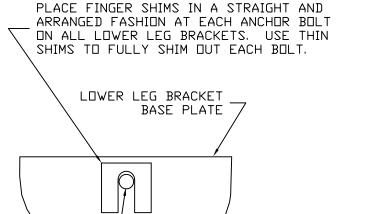
6" CYLINDER FOOTPRINT BOLT PATTERN
3/4" ANCHORS
FLUSH/SURFACE IN RECESS



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



└─ TYPICAL ANCHOR BOLT LOCATION

PLACEMENT OF FINGER SHIM DETAIL

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

				TOLERANCE UNLESS OTHERWISE SPECIFIED: THE FRACTIONAL DIMENSIONS: ± 1/32" (< 12")	THIRD ANGLE PROJECTION	$\oplus \boxminus$			
				± 1/16" (> OR = 12") DO	NOT SCALE	DRAWING	7	ANCHORAGE	DETAILS
				ANGULAR DIMENSIONS: ± 1° ALL	L DIMENSIONS				
				WELD BEAD SIZE: +1/8"/-0 WELD BEAD LENGTH: +1/2"/-0 1/3 WELD BEAD POSITION: ±1/2"	'32″ MIN. C□RI REM□VE ALL	NER BREAK BURRS		RUTAR	Y I IFT
				NOTES: TYPICAL EQUIPMENT FOUNDATION REQUIREME		INSULT		A DOVER INDU	JSTRIES COMPANY
			1	FACTORY PRIOR TO INSTALLATION, TO CONF REVISION.	- IRM LAIE	<u>-</u> S1			SHEET 1 of 1
Г	6294.9	06-23-05	KAK/BDM	The design and detail illustrated in this drawing is the	nronerty o	of Rotory A	KAK	NONE Date	DRAWING NUMBER
RE	V CO NUM	DATE	BY	The design and detail illustrated in this drawing is the Lift. It is being loaned with the expressed condition duplicated or used except by permission and is subject t	that it will to return u	not be pon request.	BDM		REFR70010

STANDARD ANCHOR BOLT DIMENSIONS

RAWL CATALOG NUMBER	MARKSMEN CATALOG	OVERALL 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 NOTE 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 N□TE 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	OUTSIDE DIAMETER	THICKNESS
3/4"	13/16"	2 "	5/32 ″

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.

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.

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.

NOTE 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.

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.

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.

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:

1. 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 TELEPHONE NUMBER 1-800-879-8000

LOAD 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

•			·	TOLERANCE UNLESS OTHERWISE SPECIFIED: THIRD ANGLE PROJECTION THE PROJECTION TO THE P	APPROVED ANCHOR BOLT DATA
				± 1/16' (> DR = 12') DO NOT SCALE DRAWING	AND TORQUE SPECIFICATIONS
				DECIMAL DIMENSIONS: ± .010" UNLESS OTHERWISE SPECIFIED: ANGULAR DIMENSIONS: ± 1° ALL DIMENSIONS IN INCHES	
				VELD BEAD SIZE: +1/8"/-0 VELD BEAD LENGTH: +1/2"/-0 1/32" MIN. CURNER BREAK REMOVE ALL BURRS	RUTARY LIFT
				NOTES:	A DOVER INDUSTRIES COMPANY
					DRAWN SCALE SHEET 1 Of 1
_	6294.8	6-24-05	KAK/BDM	The decien and detail illustrated in this drawing is the property of Peters	KAK NONE DRAWING NUMBER
REV	CO NUM	DATE	BY	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 duplicated or used except by permission and is subject to return upon reques	BDM 6-24-2005 REFR80004

TABLE ONE	50/32S IN RECESS	∗T□ BE	SUPPLIED I	BY GENERAL CONTRACTOR	
			TYPICAL	MATERIAL LIST	
LIFT UNIT DATA					
MAXIMUM LOAD CAPACITY (LBS)	50,000	ITEM	QTY	DESCRIPTION	DESCRIPTION
SHIPPING WEIGHT (LBS)	9,400	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 ANCHORAC	E 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				
208/230V. 3PH, MOTOR (FLA)	48/42				
OR 460V 3PH, MOTOR (FLA)	21				
CONTROLS - 120V 1PH	5 AMPERE				
OPTIONAL LIGHT PACKAGE	8 BULBS				
120∨ 1PH SEE NOTE 16	O BOLBS				
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				

				TOLERANCE UNLESS OTHERWISE SPECIFIED: FRACTIONAL DIMENSIONS: ± 1/32' << 12') ± 1/16' (> DR = 12') DECIMAL DIMENSIONS: ± .010' THIRD ANGLE PROJECTION DECIMAL DIMENSIONS: ± .010' THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED THIRD ANGLE PROJECTION THIRD ANGLE PROJECT	TARI		PECIFICATIONS MATERIAL LISTS
				ANGULAR DIMENSIONS: ± 1* VELD BEAD SIZE: +1/8'/-0 VELD BEAD LENGTH: +1/2'/-0 VELD BEAD POSITION: ±1/2' NOTES: ALL DIMENSIONS IN INCHES 1/32' MIN. CORNER BREAK REMOVE ALL BURRS			Y LIFT
					DRAWN		USTRIES COMPANY
					אתם	SCALE NONE	SHEET 1 of 1 DRAWING NUMBER
	6527	4-4-06	BDM/KAK	The design and detail illustrated in this drawing is the property of Rotary	APPROVED	DATE	
REV	CD NUM	DATE	BY	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 duplicated or used except by permission and is subject to return upon reques	KAK	4-4-06	REFR90062