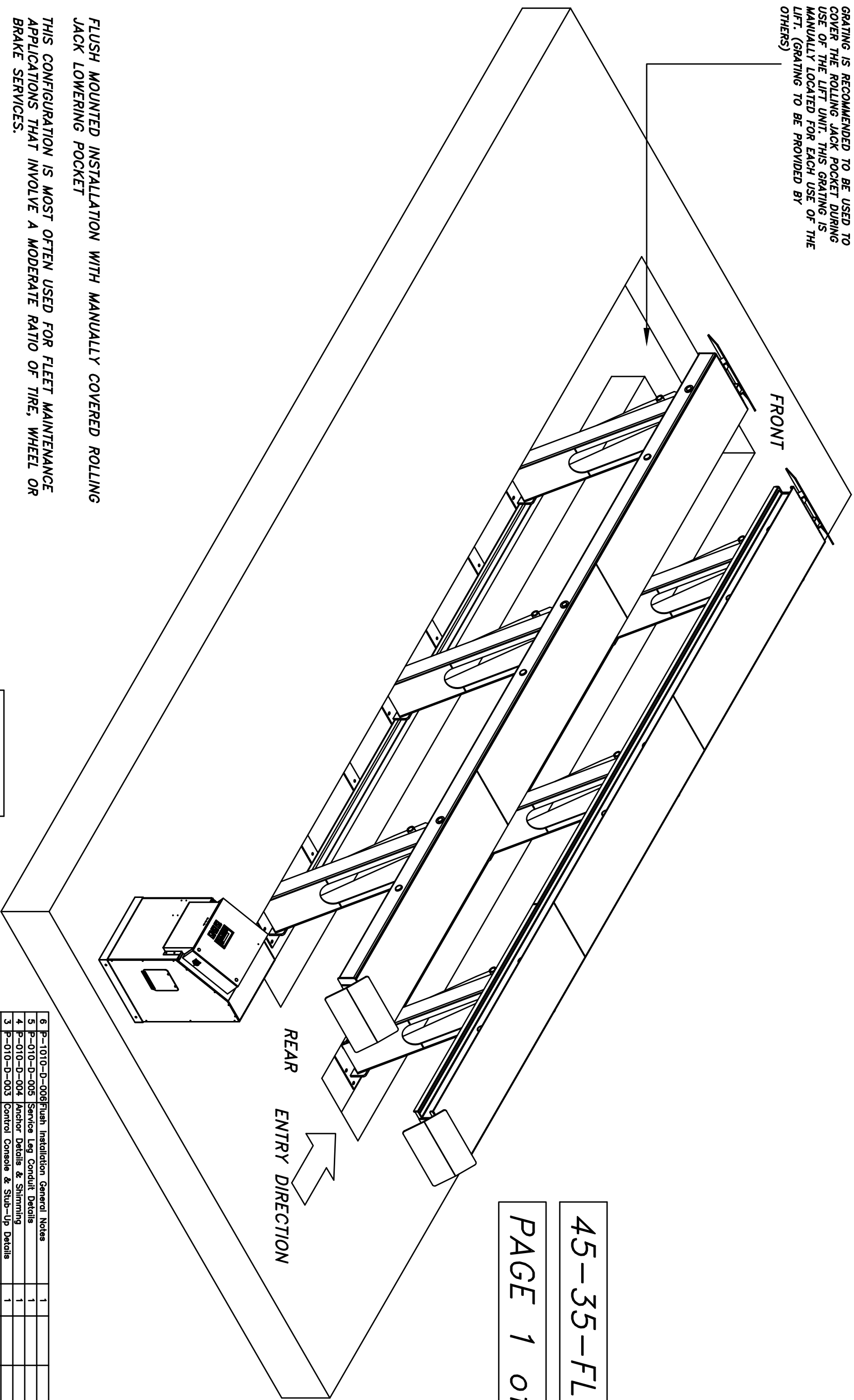


GRATING IS RECOMMENDED TO BE USED TO COVER THE ROLLING JACK POCKET DURING USE OF THE LIFT UNIT. THIS GRATING IS MANUALLY LOCATED FOR EACH USE OF THE LIFT. (GRATING TO BE PROVIDED BY OTHERS)



45-35-FLUSH

PAGE 1 of 2

FLUSH MOUNTED INSTALLATION WITH MANUALLY COVERED ROLLING JACK LOWERING POCKET

THIS CONFIGURATION IS MOST OFTEN USED FOR FLEET MAINTENANCE APPLICATIONS THAT INVOLVE A MODERATE RATIO OF TIRE, WHEEL OR BRAKE SERVICES.

THE FRONT OF THE LIFT UNIT IS PLACED TO THE FRONT OF THE LIFT TRENCH. FOR THIS INSTALLATION, THE LIFT UNIT WILL TRANSLATE TO THE REAR AS IT ARTICULATES UPWARD. ALLOW APPROXIMATELY 60 INCHES AT THE REAR OF THE LIFT FOR THIS MOTION.

UNITS = INCHES (mm)

ITEM	NAME	DESCRIPTION	QTY	MATERIAL	VENDOR	NOTE	MASS	PRICE
6	P-1010-D-006	Flush Installation General Notes	1					
5	P-010-D-005	Service Lag Conduit Details	1					
4	P-010-D-004	Anchor Details & Shimming	1					
3	P-010-D-003	Control Console & Stub-Up Details	1					
2	P-4010-D-002	45-35-Flush Lift Data Table	1					
1	P-4010-D-001	45-35-Flush, Pft Drawings & Sections	1					

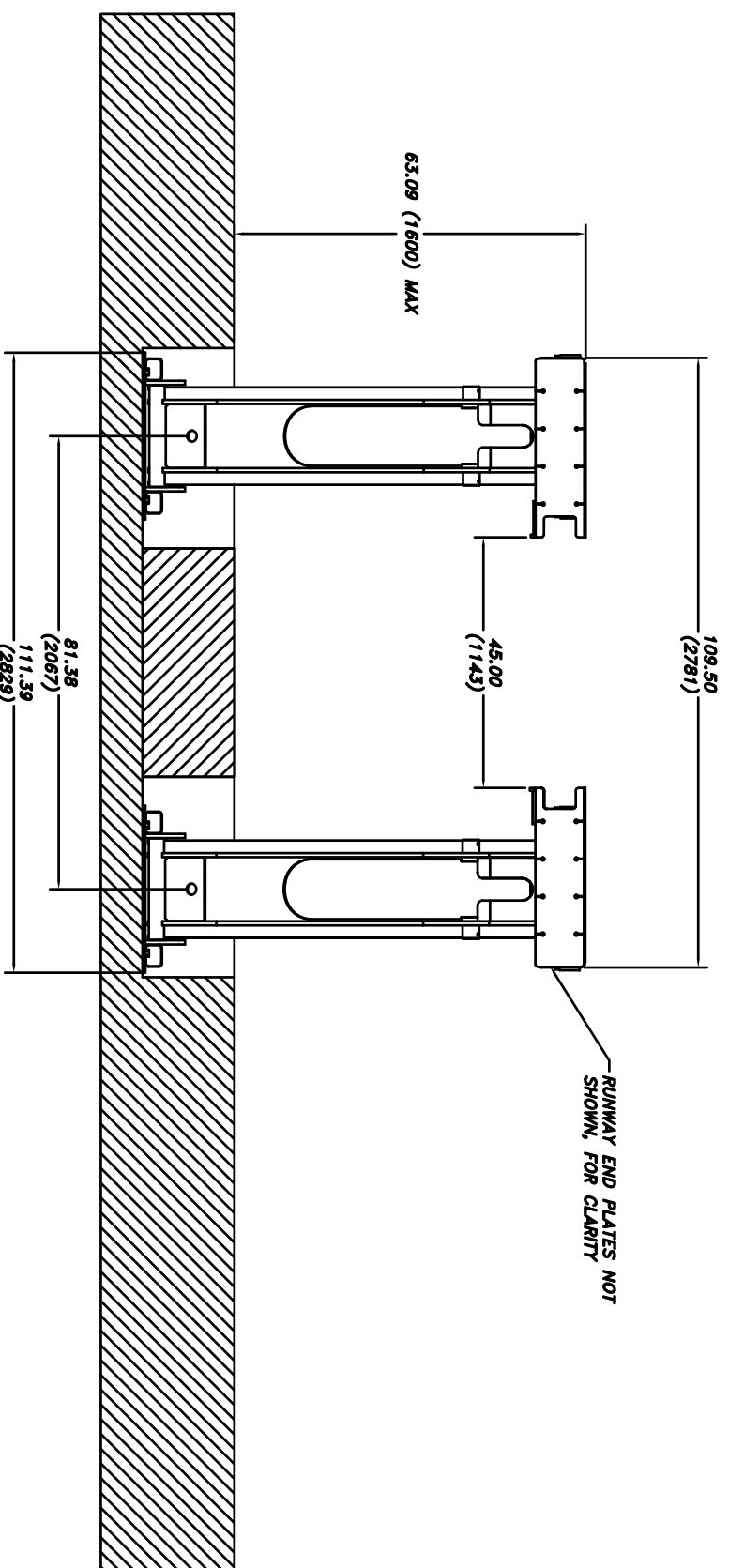
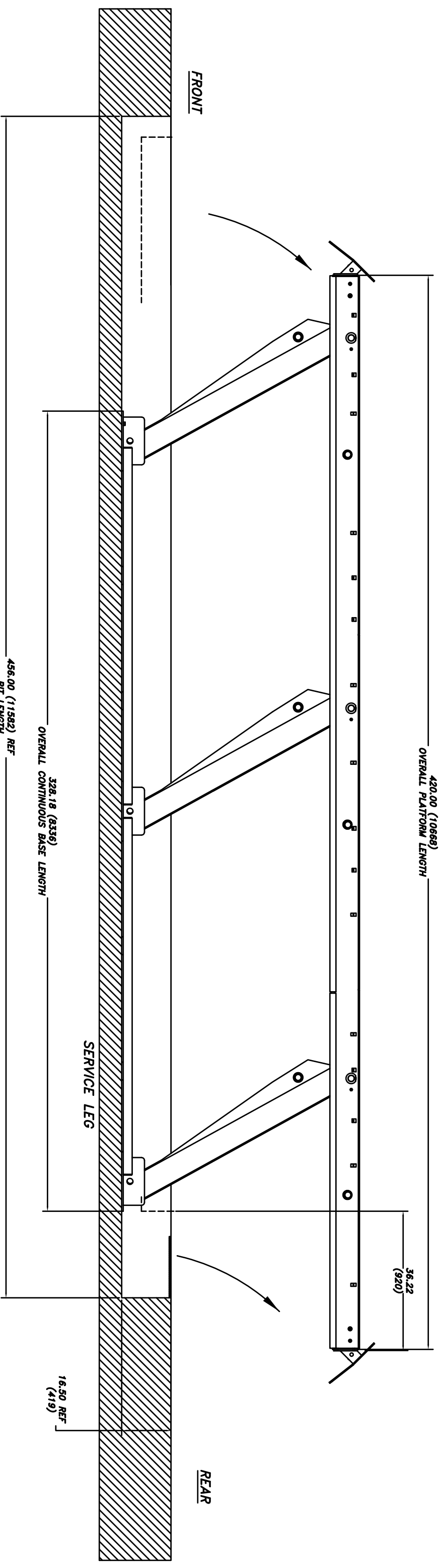
NOTICE OF CONFIDENTIAL INFORMATION
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NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING METHOD SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE 5.3 FLUX CORE WIRE DMLV.

TOLERANCES:
 ANGULAR ± 1°
 DIMENSIONAL ± .000
 HOLE ± .002
 DRILL ± .003

FILE NAME: P-4010-A-001
 NEXT ASSEMBLY:

Scale: 1/2" = 1'-0"
 Checked: 1/12/10
 Date: 1/12/10
 Weight: L.B.
 Title: MOHAWK RESOURCES LTD. INSTALLATION REQUIREMENTS DRAWING, 45-35-FLUSH
 From: FROM
 Drawing Number: P-4010-A-001



UNITS = INCHES (mm)

FRONT ELEVATION VIEW

D-SIZE

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 FOR MAINTENANCE. THE INFORMATION SHALL NOT BE USED OR DISCLOSED
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- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE DMLV.

TOLERANCES:	ANGULAR ± 1.0
FINISH:	± .030
DRILLING:	± .005
OTHER:	± .005
FILE NAME:	P-4010-A-001

P-4010-
 NEXT ASSEMBLY

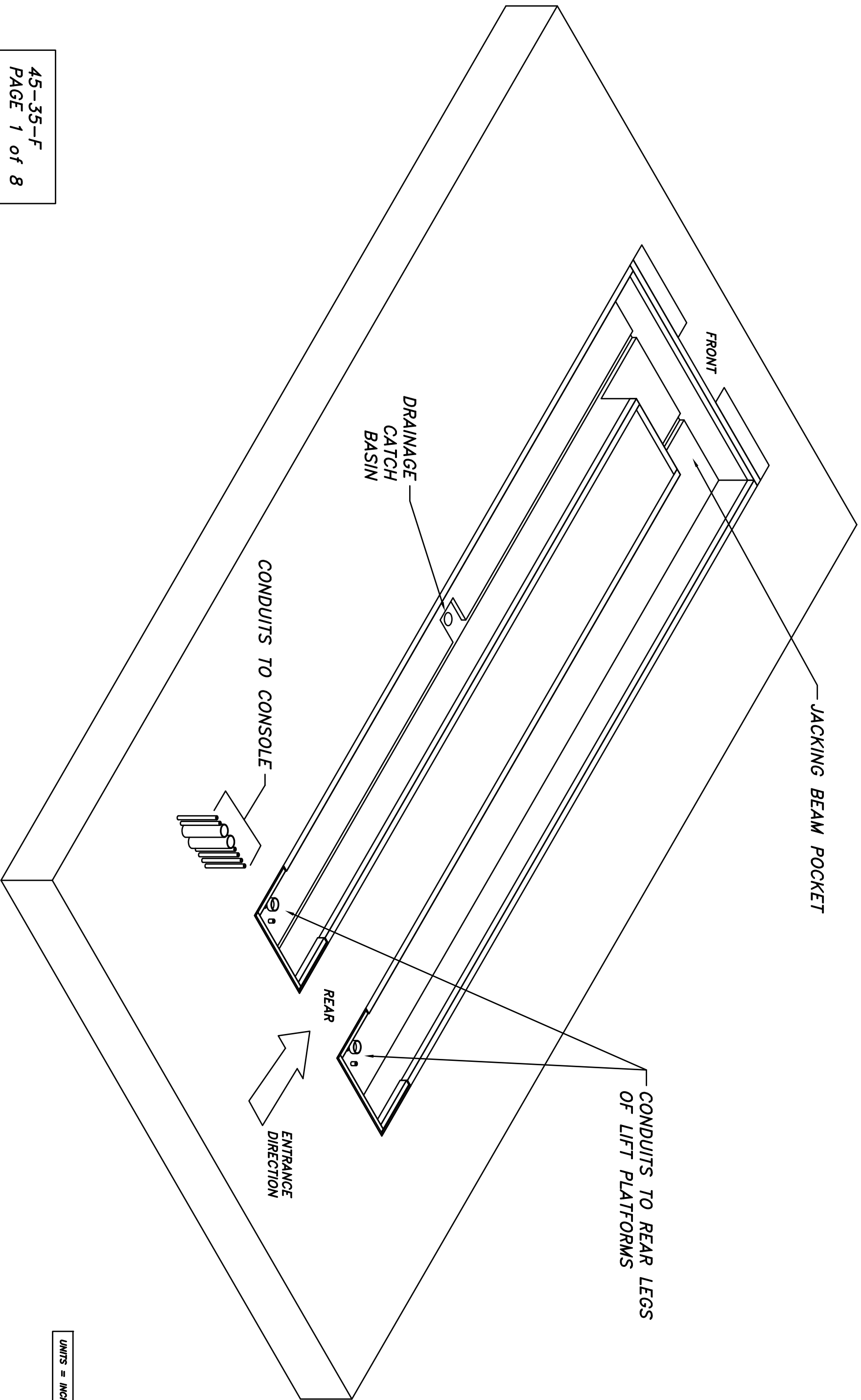
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CHECKED		APPROVED	
DATE	7/12/10	WEIGHT	LB.

MOHAWK RESOURCES LTD.	
TITLE	INSTALLATION REQUIREMENTS
FROM	DRAWING, 45-35-FLUSH
DRAWING NUMBER	P-4010-A-001

45-35-FLUSH

PAGE 2 of 2

45-35-F
PAGE 1 of 8



UNITS = INCHES (mm)

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NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING METHOD SHALL CONFORM TO AWS OR E-7011 CODE S3 FLUX CORE WIRE DML1.

TOLERANCES:
 ANGULAR ± 1°
 DIMENSIONAL ± .030
 HOLE DIA ± .005
 HOLE DIA .0000

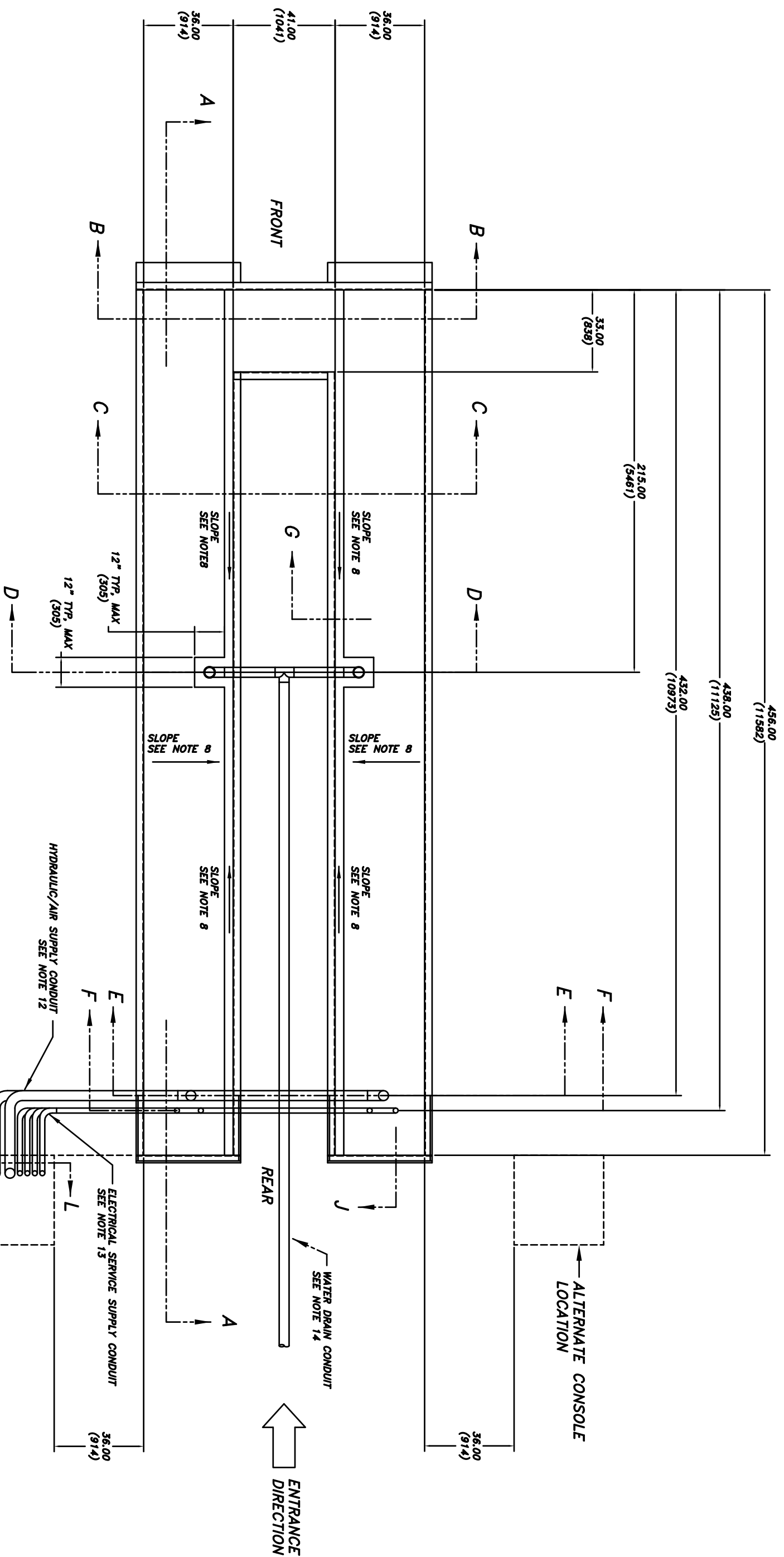
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NEXT ASSEMBLY	

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CHECKED	
DATE	1/12/10
WEIGHT	
L.B.	

DRAWN		MOHAWK RESOURCES LTD.	
APPROVED		TITLE	
		PIT DRAWINGS & SECTIONS	
		FOR 45-35-F (FLUSH)	
DRAWING NUMBER		P-4010-D-001	

D-SIZE

45-35-F
PAGE 2 of 8



UNITS = INCHES (mm)

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NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-7011 CODE S3 FLUX CORE WIRE ONLY.

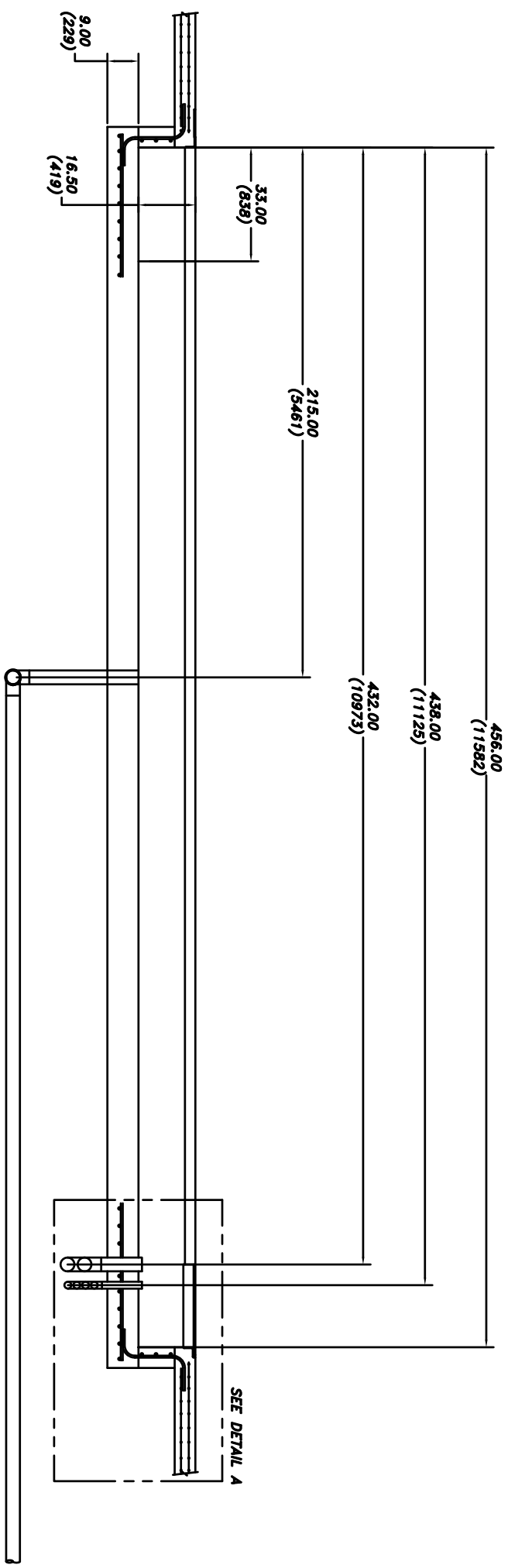
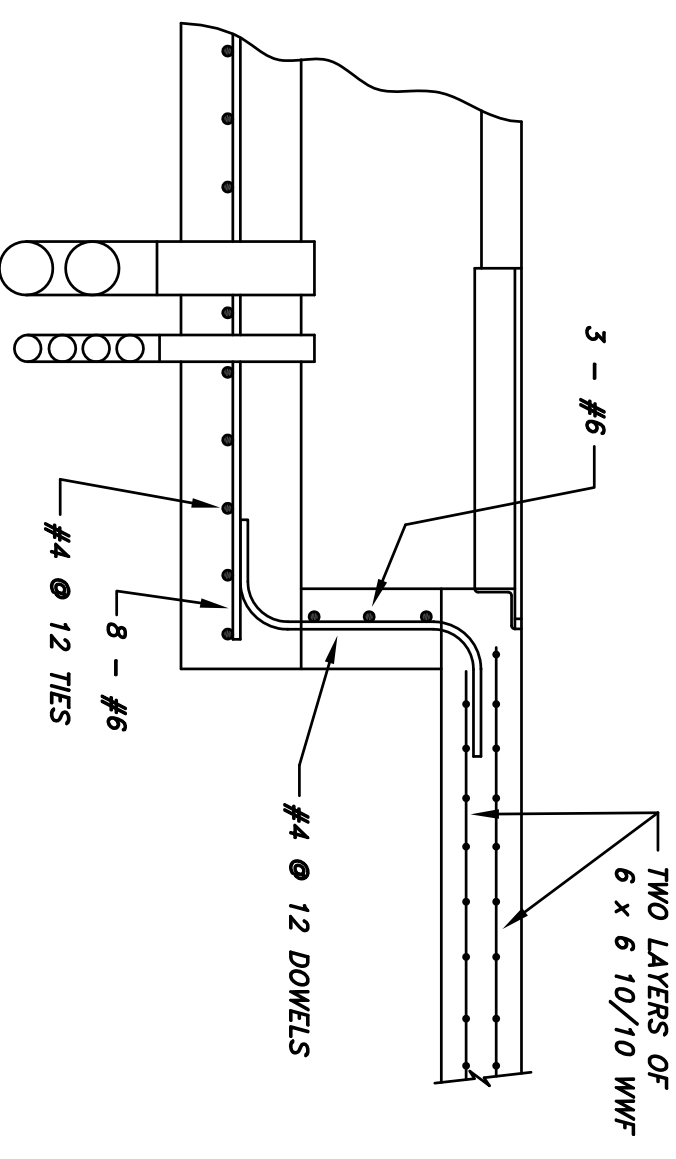
TOLERANCES:
 ANGULAR ± 1.0°
 DIMENSIONAL ± .030
 DECIMAL ± .005
 HOLE ± .005
 FILE NAME P-4010-D-001

P-4010-A-001
 NEXT ASSEMBLY

SCALE 1"0"=1'0"
 CHECKED
 DATE 1/12/10
 DRAWN ddk
 APPROVED

MOHAWK RESOURCES LTD.
 TITLE PIT DRAWINGS & SECTIONS
 FOR 45-35-F (FLUSH)
 DRAWING NUMBER P-4010-D-001

DETAIL A



SECTION A-A

UNITS = INCHES (mm)

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- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING MEDIA SHALL CONFORM TO AWS E-7011 CODE S3 FLUX CORE WIRE D.M.V.

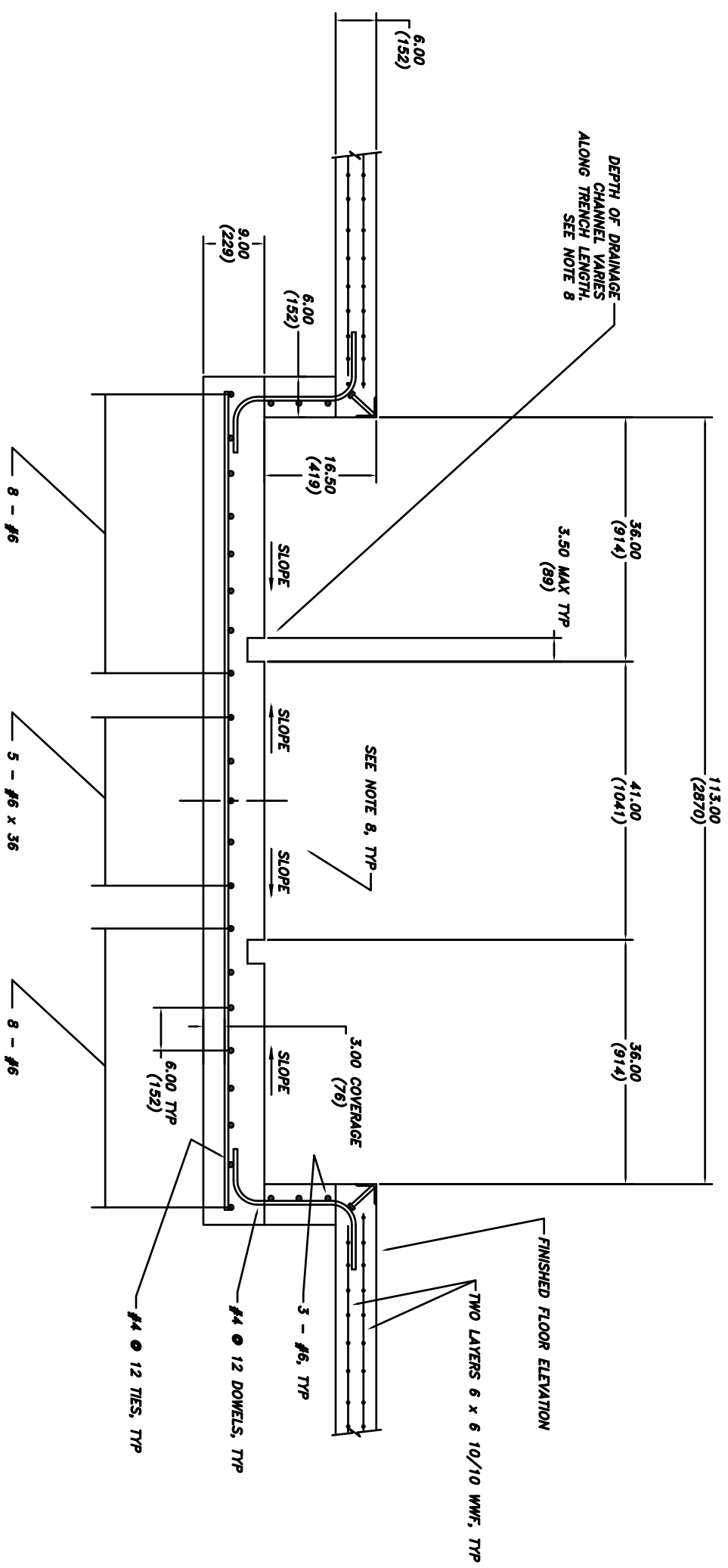
TOLERANCES:	ANGULAR ± 1.0
FINISH ± 0.03	
FORM ± 0.05	
FILE NAME	P-4010-D-001

SCALE	1/4" = 1'-0"
CHECKED	
DATE	1/12/10

DRAWN	dkk
APPROVED	
WEIGHT	LB.

TITLE	MOHAWK RESOURCES LTD.
FROM	PJT DRAWINGS & SECTIONS FOR 45-35-F (FLUSH)
DRAWING NUMBER	P-4010-D-001

45-35-F
PAGE 4 of 8



SECTION B-B

UNITS = INCHES (mm)

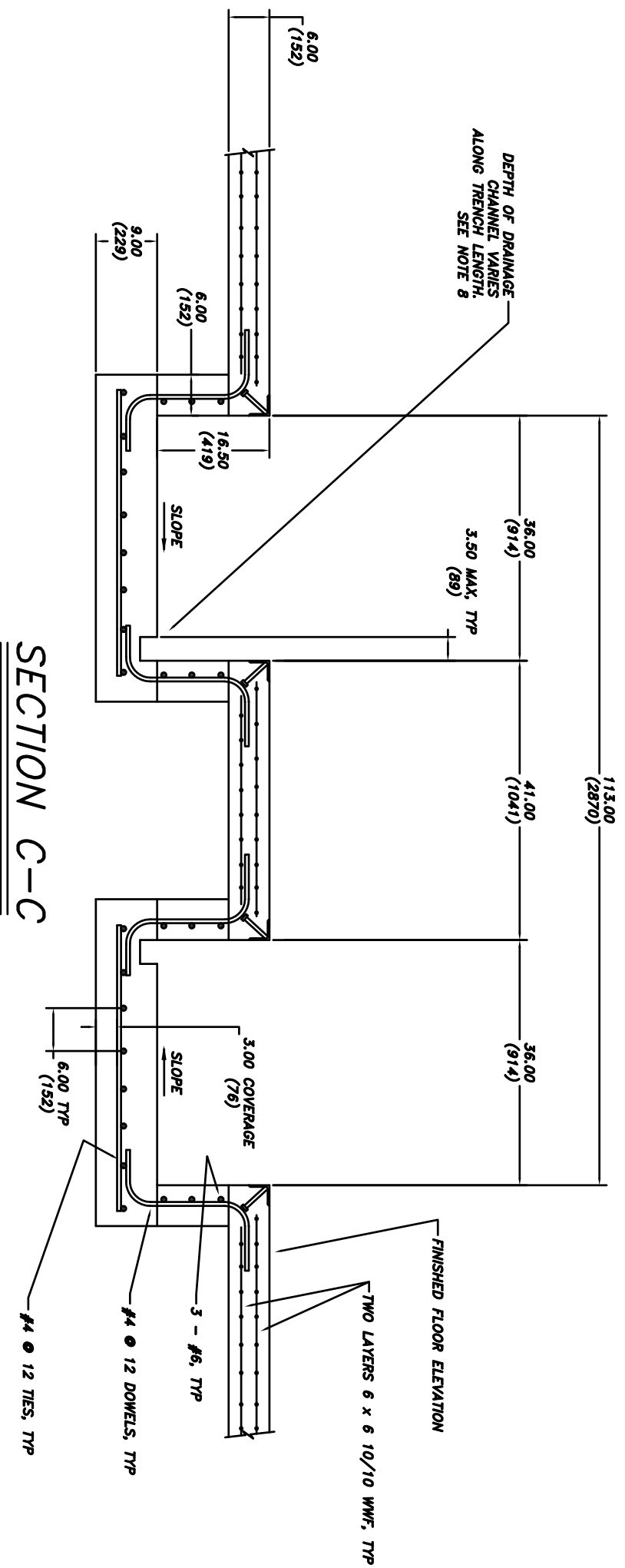
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- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE 53 FLOW CORE WIRE DML1.

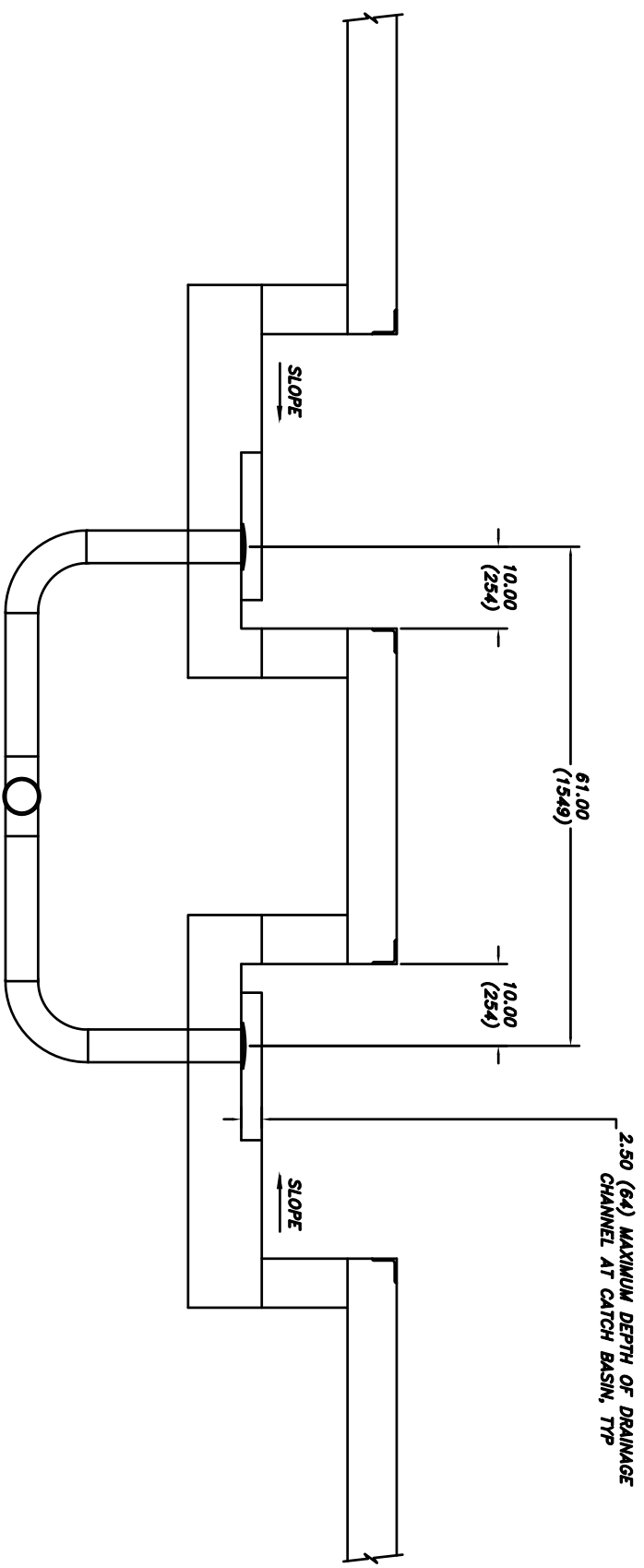
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± 1.0	± 1.0	± 1.0	P-4010-D-001
± 0.05	± 0.05	± 0.05	
± 0.05	± 0.05	± 0.05	
			NEXT ASSEMBLY

SCALE	DRAWN	TITLE	DRAWING NUMBER
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CHECKED	APPROVED	PIT DRAWINGS & SECTIONS FOR 45-35-F (FLUSH)	
DATE 1/12/10	WEIGHT	FROM	
	LB.		

45-35-F
PAGE 5 of 8



SECTION C-C



SECTION D-D

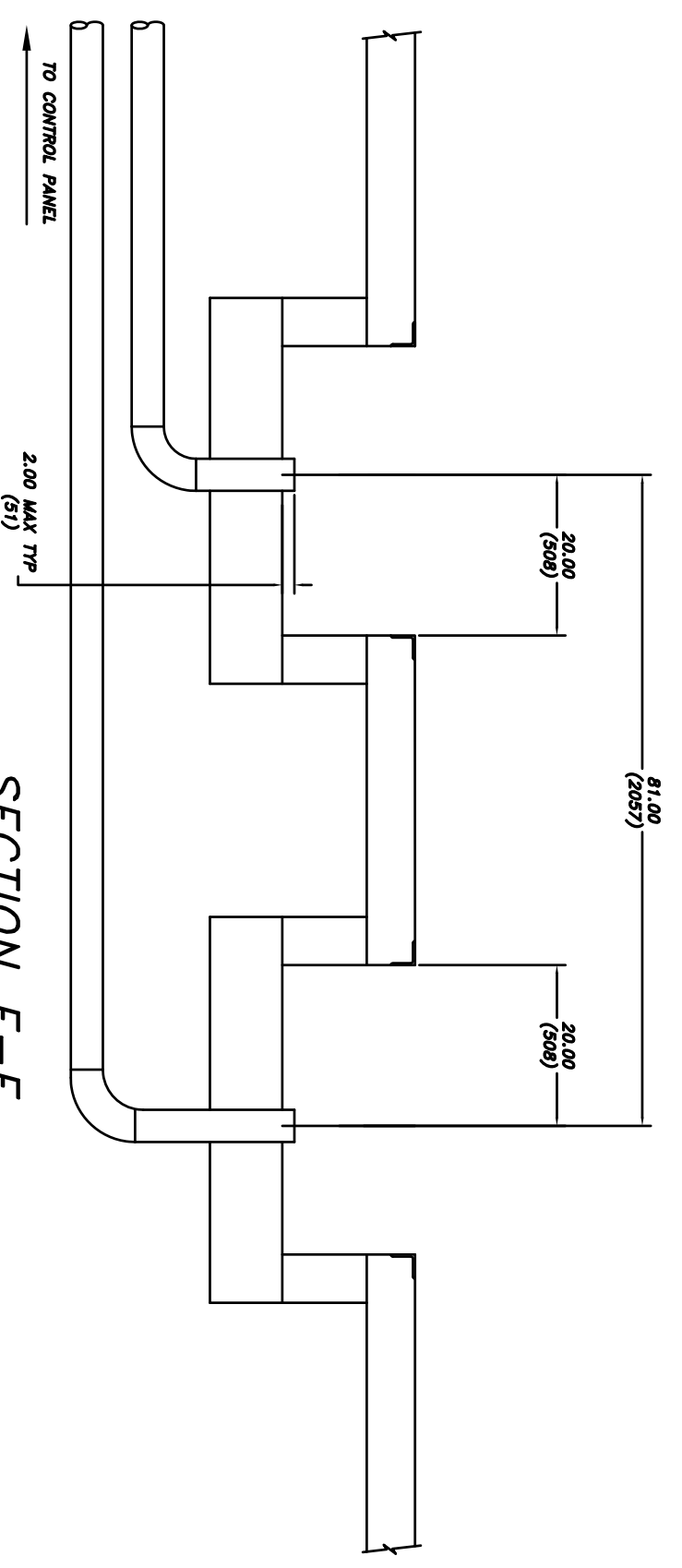
UNITS = INCHES (mm)

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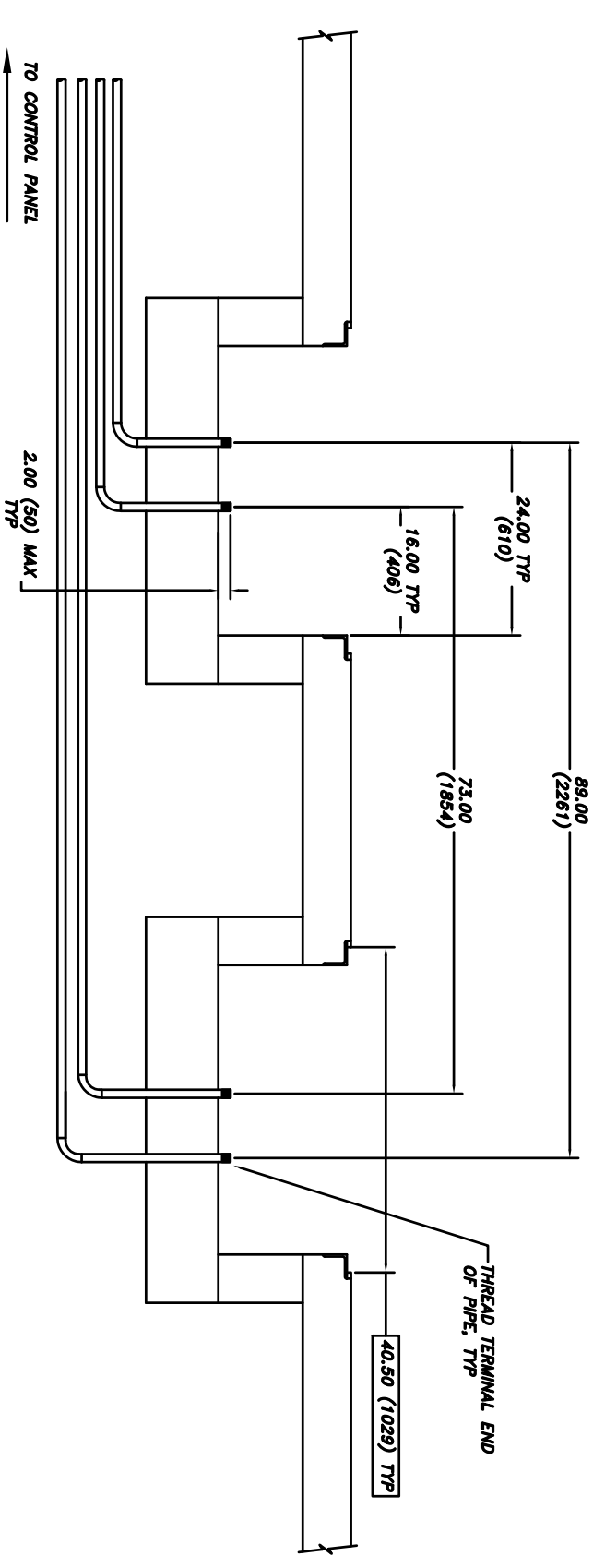
- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE ONLY.

TOLERANCES:	FILE NAME
ANGULAR ± 1.0	P-4010-D-001
LINEAR ± .030	
POSITIONAL ± .030	
FORM ± .005	
TEXT ± .005	
	NEXT ASSEMBLY

SCALE	DRAWN	TITLE
1/0" = 1'0"	dak	MOHAWK RESOURCES LTD.
CHECKED	APPROVED	PIT DRAWINGS & SECTIONS FOR 45-35-F (FLUSH)
DATE 1/12/10	WEIGHT	FROM
	LB.	DRAWING NUMBER P-4010-D-001



SECTION E-E



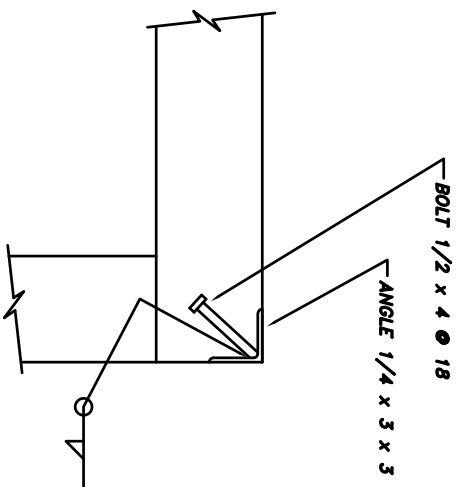
THREAD TERMINAL END
OF PIPE, TYP

SECTION F-F

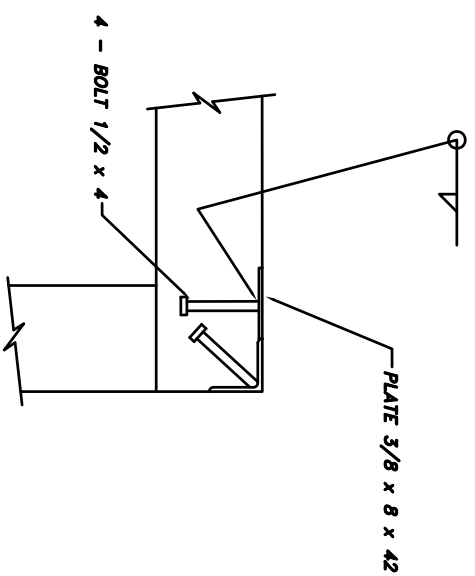
UNITS = INCHES (mm)

D-SIZE

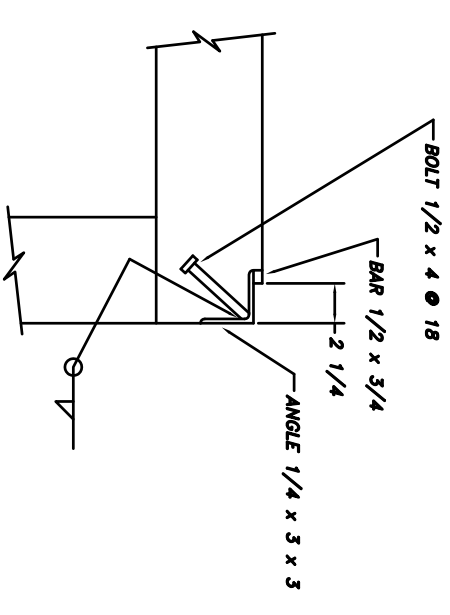
NOTICE OF CONFIDENTIAL INFORMATION		NOTES:		TOLERANCES:		SCALE		DRAWN		TITLE			
<small>INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPERTY OF MOHAWK RESOURCES LTD. THESE DRAWINGS ARE FORWARDED TO OTHERS ONLY BY AUTHORITY OF MOHAWK RESOURCES LTD. ANY UNAUTHORIZED REPRODUCTION OR DISSEMINATION OF THIS INFORMATION SHALL BE PROSECUTED TO THE FULL EXTENT OF THE LAW. THE INFORMATION IS NOT TO BE USED FOR ANY OTHER PURPOSES WITHOUT THE WRITTEN PERMISSION OF MOHAWK RESOURCES LTD.</small>		1. REMOVE ALL SHARP CORNERS & EDGES. 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS. 3. WELDING MEDIAN SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-7011 CODE S3 FLUX CORE WIRE D1V.		ANGULAR ± 1° DIMENSIONAL ± .030 DECIMAL ± .005 XXXX ± .005		P-4010-A-001		CHECKED DATE 1/12/10		DDK		MOHAWK RESOURCES LTD. PIPING DRAWINGS & SECTIONS FOR 45-35-F (FLUSH)	
FILE NAME		NEXT ASSEMBLY		P-4010-D-001		DATE		WEIGHT		FROM		DRAWING NUMBER	
P-4010-D-001						1/12/10		LB.				P-4010-D-001	



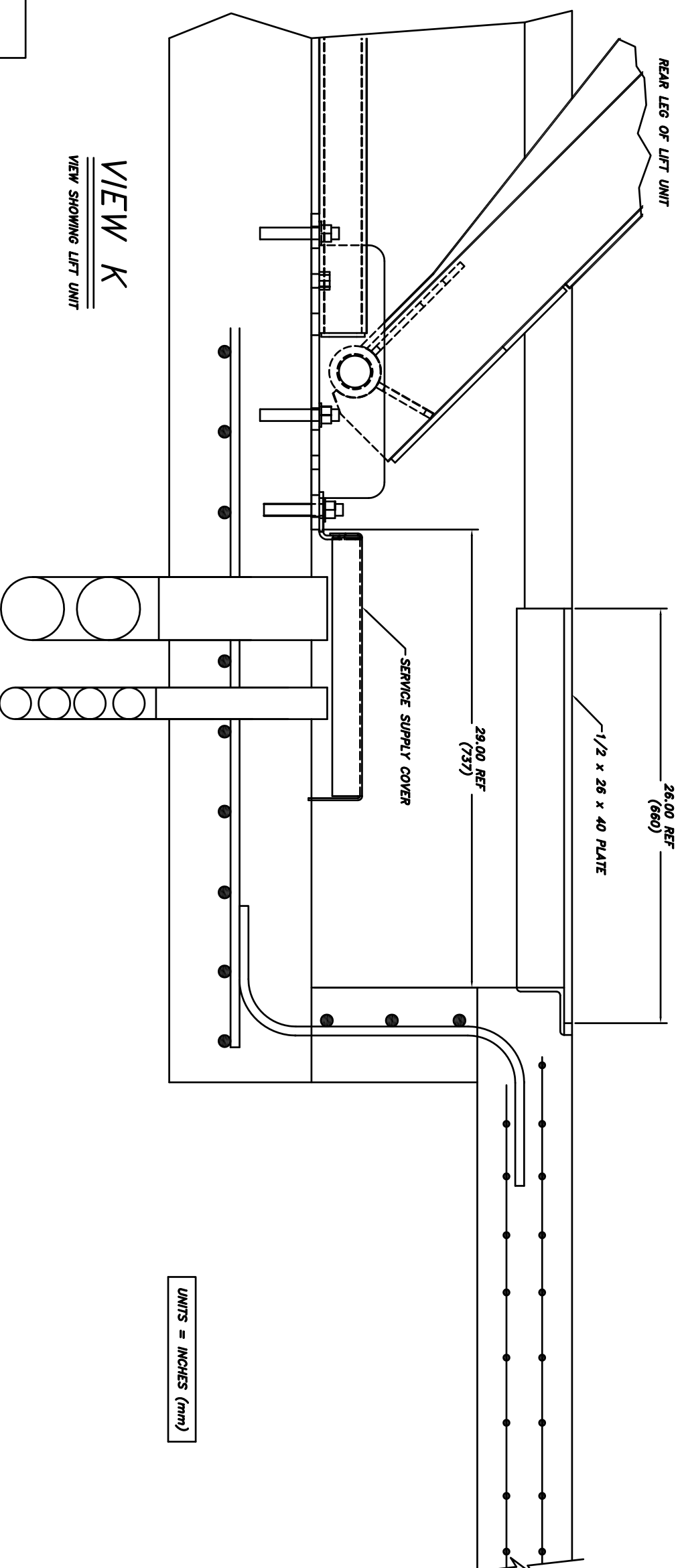
SECTION G



SECTION H



SECTION J



VIEW K
VIEW SHOWING LIFT UNIT

UNITS = INCHES (mm)

45-35-F
PAGE 7 of 8

D-SIZE

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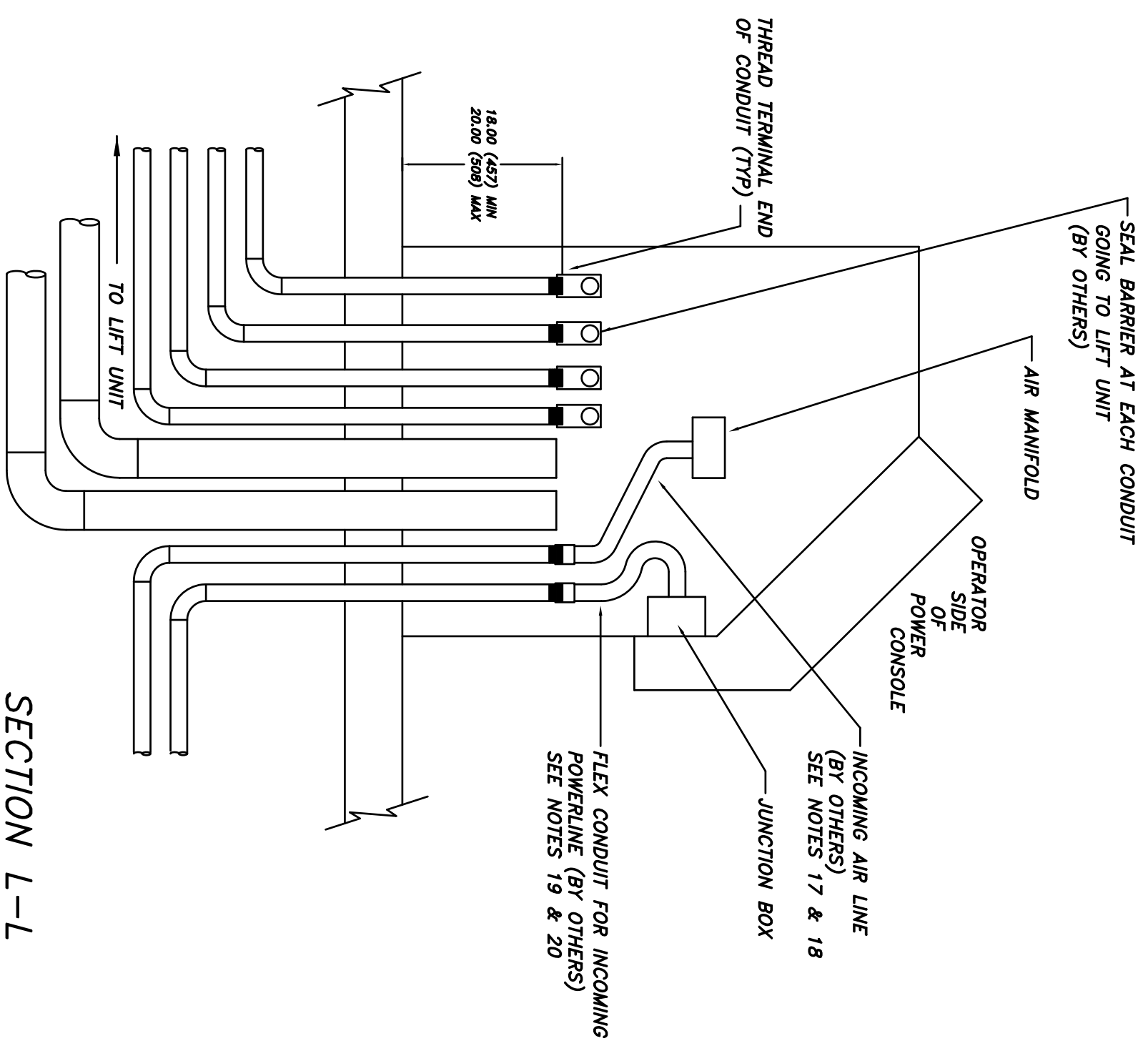
NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70TI CODE S3 FLUX CORE WIRE ONLY.

TOLERANCES:
ANGULAR ± 1°
FINISH ± .030
DIM ± .005
FILE NAME P-4010-D-001

P-4010-A-001
NEXT ASSEMBLY

SCALE 1"0" = 1'0"
CHECKED
DATE 1/12/10
DRAWN ddk
APPROVED
WEIGHT LB.

MOHAWK RESOURCES LTD.
PIT DRAWINGS & SECTIONS
FOR 45-35-F (FLUSH)
DRAWING NUMBER P-4010-D-001



SECTION L-L

UNITS = INCHES (mm)

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- NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. FINISH TO BE 125 RMS.
 3. WELDING METHOD SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-7011 CODE S3 FLUX CORE WIRE (M.L.T.).

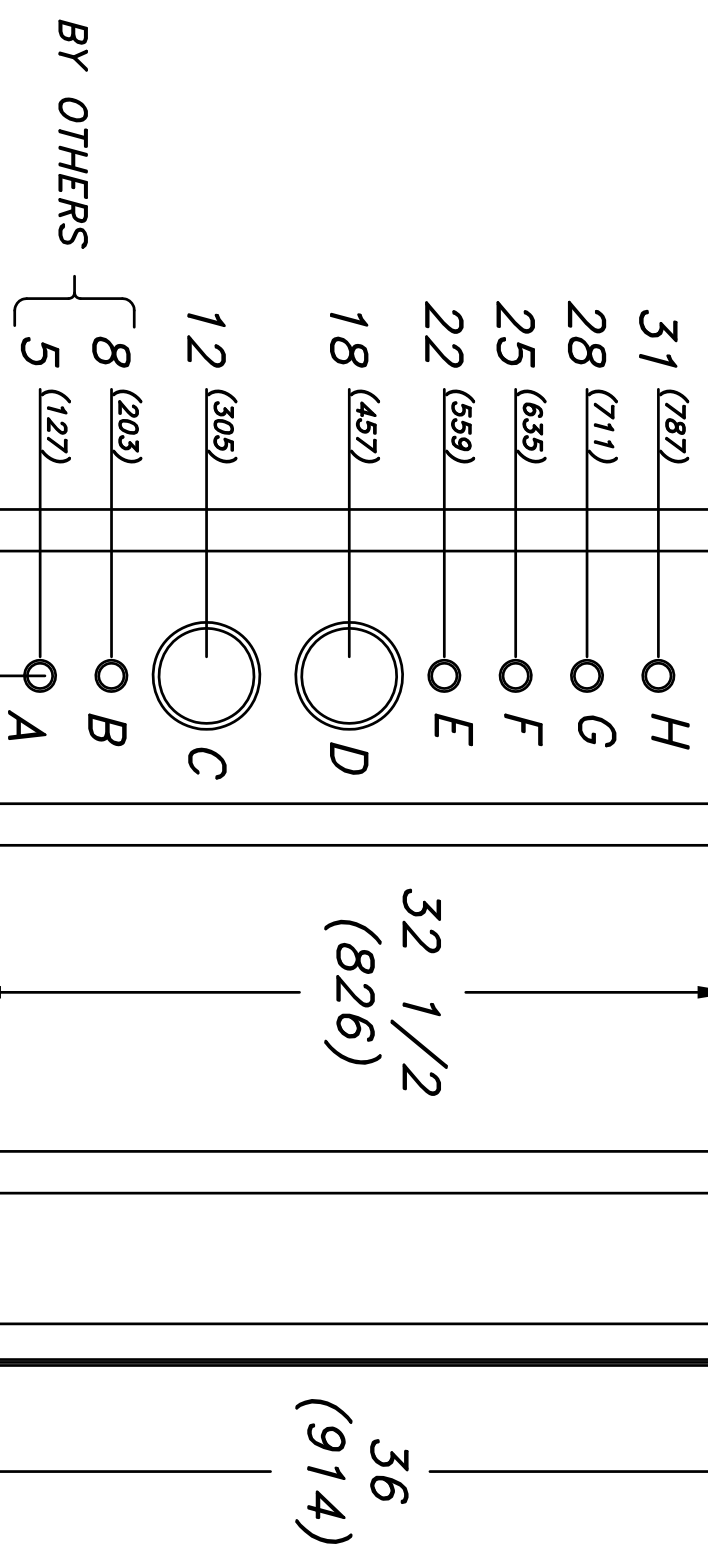
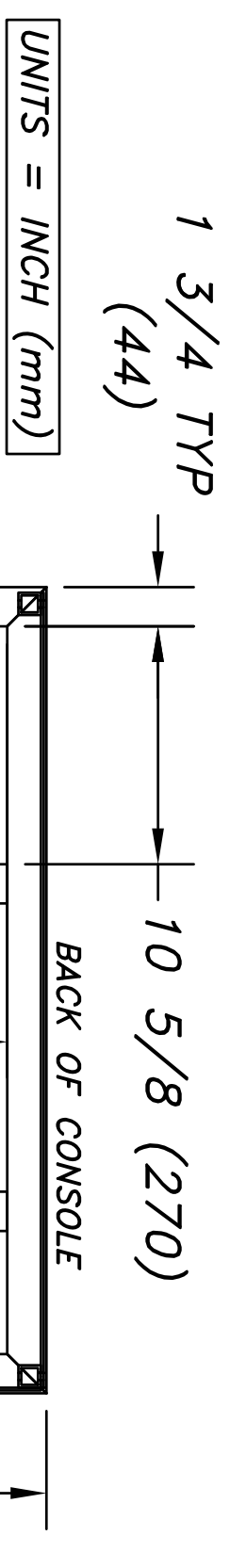
TOLERANCES:
 ANGULAR ± 1°
 DIMENSIONAL ± .030
 HOLE DIA ± .005
 FILE NAME: P-4010-D-001

P-4010-A-001		

SCALE	DRAWN	MOHAWK RESOURCES LTD.
CHECKED	APPROVED	TITLE
DATE 1/12/10	VEIGHT	FOR 45-35-F (FLUSH)
	LB.	FROM
		DRAWING NUMBER
		P-4010-D-001

#	DESCRIPTION	DATE	APPROVED
A	Metric units added	06/22/2004	rw/7089

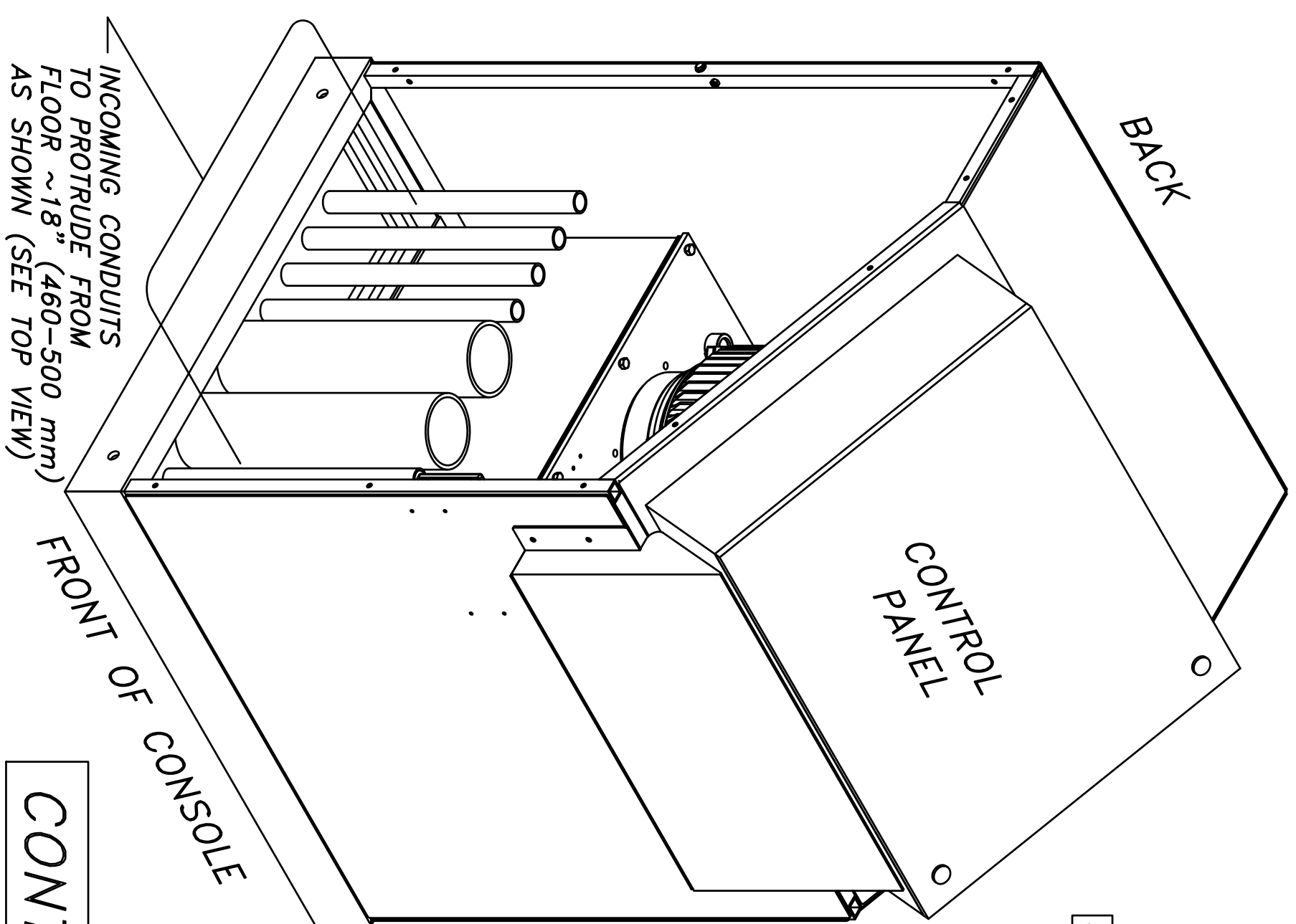
TOP VIEW OF CONSOLE FRAME



CONDUIT SIZES & APPLICATION:

- A: 1" (25.4) (MIN) SCHED 40 STEEL PIPE - INCOMING POWER CUSTOMER PREFERENCE
- B: 1" (25.4) (MIN) SCHED 40 STEEL PIPE - INCOMING AIRLINE PREFERENCE
- C,D: 4" (101) SCHED 40 PVC PIPE - HYDRAULIC & AIR TO LIFT OPTIONAL
- E,F,G,H: 1" (25.4) (MIN) SCHED 40 STEEL PIPE - ELECTRICAL TO LIFT

* NOTE: USE SMOOTH ELECTRICAL 90'S IN CONDUITS, NOT PLUMBING 90'S !!



CONTROL CONSOLE & STUB-UP DETAILS

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NOTES:

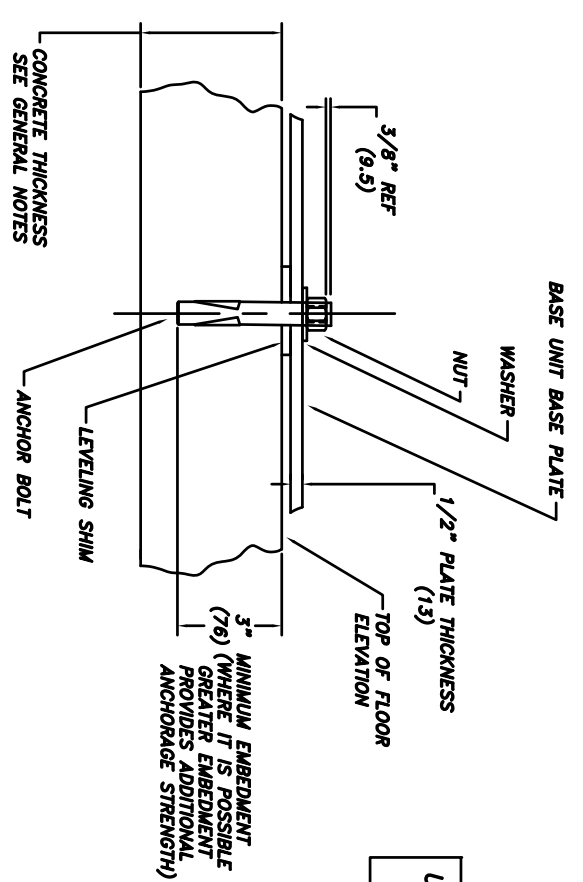
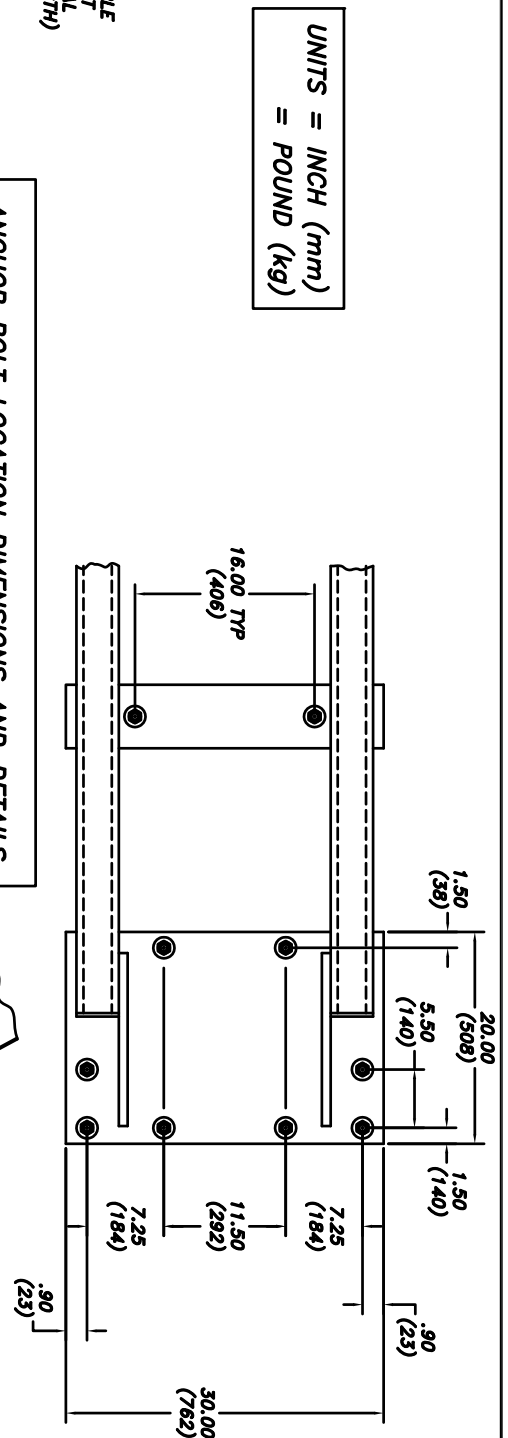
1. REMOVE ALL SHARP CORNERS & EDGES.
2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE DUALY.

TOLERANCES:	± 1.0	SCALE	P-010-A-001
ANGULAR	± .030	DRAWN	dlk
FINISH	± .030	CHECKED	
DRY	± .030	APPROVED	
XXX	± .030	TITLE	MOHAWK RESOURCES LTD.
0000	± .030		CONTROL CONSOLE & STUB-UP DETAILS
FILE NAME	P-010-D-003	DATE	4/03
		WEIGHT	
		LB.	
		FROM	
		TRAVEL NUMBER	P-010-D-003

D-SIZE

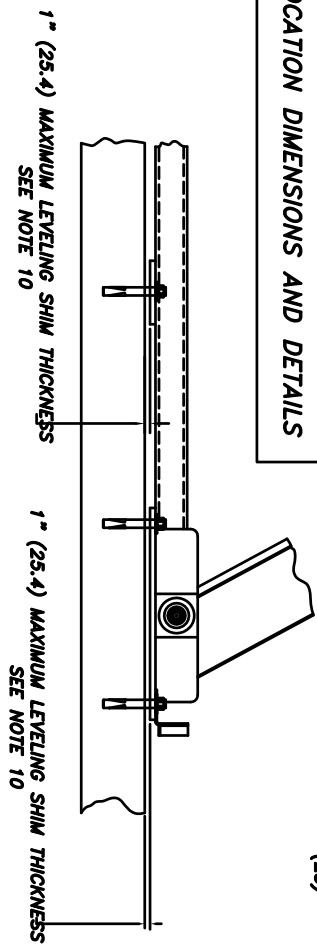
#	DESCRIPTION	DATE	APPROVED
A	METRIC DIMENSIONS ADDED	11/12/2008	dk0879

ANCHOR DETAILS & SHIMMING



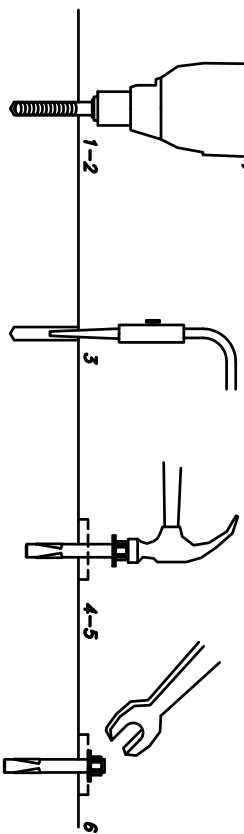
ANCHOR BOLT DETAIL

ANCHOR BOLT LOCATION DIMENSIONS AND DETAILS

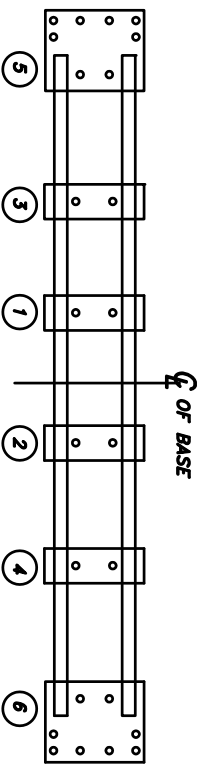


INSTALLATION INSTRUCTIONS

1. DRILL THE HOLE PERPENDICULAR TO THE WORK SURFACE. *TO ASSURE FULL HOLDING POWER, DO NOT REAM THE HOLE OR ALLOW THE DRILL TO Wobble.
2. DRILL THE HOLE DEEPER THAN THE INTENDED EMBEDMENT OF THE ANCHOR, BUT NOT CLOSER THAN TWO ANCHOR DIAMETERS TO THE BOTTOM (OPPOSITE) SURFACE OF THE CONCRETE.
3. CLEAN THE HOLE USING COMPRESSED AIR AND A NYLON BRUSH. A CLEAN HOLE IS NECESSARY FOR PROPER PERFORMANCE.
4. TURN THE NUT ONTO THE ANCHOR UNTIL CONTACT IS MADE WITH THE TOP OF THE SPEARS AND THE BOTTOM OF THE WASHER. INSERT ANCHOR INTO HOLE.
5. TAP ANCHOR INTO HOLE WITH A 2 1/2 LBS (1.1 kg) HAMMER UNTIL WASHER RESTS SOLIDLY AGAINST FIXTURE.
6. TIGHTEN THE NUT TO 80 FT-LBS (59 N-m) MAXIMUM TORQUE AND NOT LESS THAN 3 FULL TURNS, BUT NOT MORE THAN 5 TURNS PAST THE HAND TIGHT POSITION. (USE OF AN IMPACT WRENCH FOR INSTALLATION OF ANCHORS IS NOT RECOMMENDED)

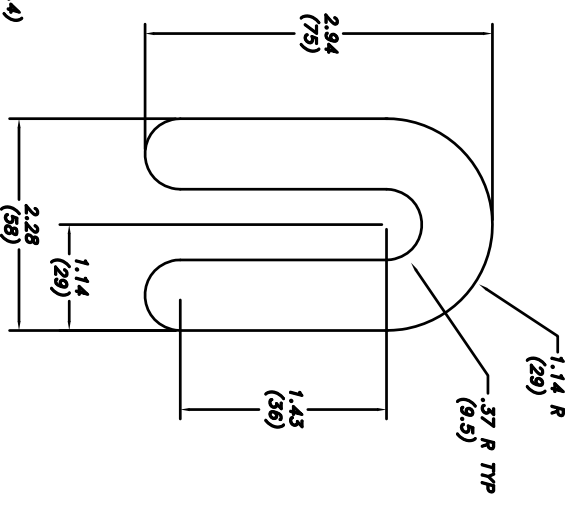


*ALWAYS WEAR SAFETY GLASSES. FOLLOW THE DRILL MANUFACTURER'S SAFETY INSTRUCTIONS. USE ONLY SOLID CARBIDE-TIPPED DRILL BITS MEETING ANSI B212.15 DIAMETER STANDARDS.



REPRESENTATIVE TIGHTENING SEQUENCE FOR ANCHOR BOLTS

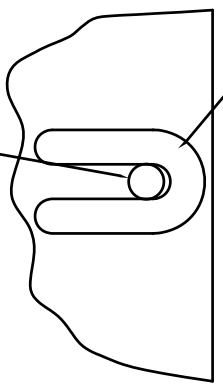
APPROVED ANCHOR BOLTS PROVIDED BY MOHAWK LIFT
ANCHOR BOLTS ARE MANUFACTURED BY
WEI-IT FASTENING SYSTEMS
2415 EAST 15TH PLACE
TULSA, OKLAHOMA 74104
PHONE 918-744-7444
OR 800-343-1264
WEB SITE WWW.WEIJT.COM



LEVELING SHIMS ARE AVAILABLE IN A RANGE OF THICKNESSES FROM 1/16" (1.6), 1/8" (3.2), & 1/4" (6.3)

LEVELING SHIM DETAIL

PLACE LEVELING SHIMS IN A STRAIGHT AND ORDERLY FASHION AT EACH ANCHOR BOLT. USE THIN SHIMS TO FULLY FILL OUT EACH LOCATION.



THE MAXIMUM THICKNESS OF ANY STACK OF SHIMS IS 1" (25.4)
SEE NOTES 9 & 10

PLACEMENT OF LEVELING SHIM DETAIL

NO OTHER ANCHOR BOLT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM MOHAWK RESOURCES, LTD. UNDER CERTAIN CIRCUMSTANCES EPOXY GROUTED THREADED ROD ANCHORAGE MAY BE USED BUT ANY USE OF SUCH REQUIRES WRITTEN APPROVAL OF MOHAWK RESOURCES, LTD. ANY OTHER UNAPPROVED ANCHOR BOLT PRODUCT MAY NOT HAVE THE DOCUMENTED STRENGTH TO MEET THE CERTIFICATION REQUIREMENTS OF THE AUTOMOTIVE LIFT INSTITUTE AND MAY AFFECT THE CERTIFICATION OF THE INSTALLATION.

NOTICE OF CONFIDENTIAL INFORMATION
INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPERTY OF MOHAWK RESOURCES, LTD. WHERE EXAMINED OR REFERRED TO OTHERS WITHOUT THE WRITTEN APPROVAL OF MOHAWK RESOURCES, LTD. THE INFORMATION SHALL NOT BE USED OR DISCLOSED BY THE RECIPIENT FOR ANY OTHER PURPOSES WHATSOEVER.

- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING MEDIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE DMLX.

TOLERANCES:	ANGULAR	LINEAR
	± 1°	± .030
	± .005	± .005

FILE NAME	FILE NAME
P-010-D-004	P-010-A-001

SCALE	DRAWN
CHECKED	dk

DATE	WEIGHT
4/05	LB.

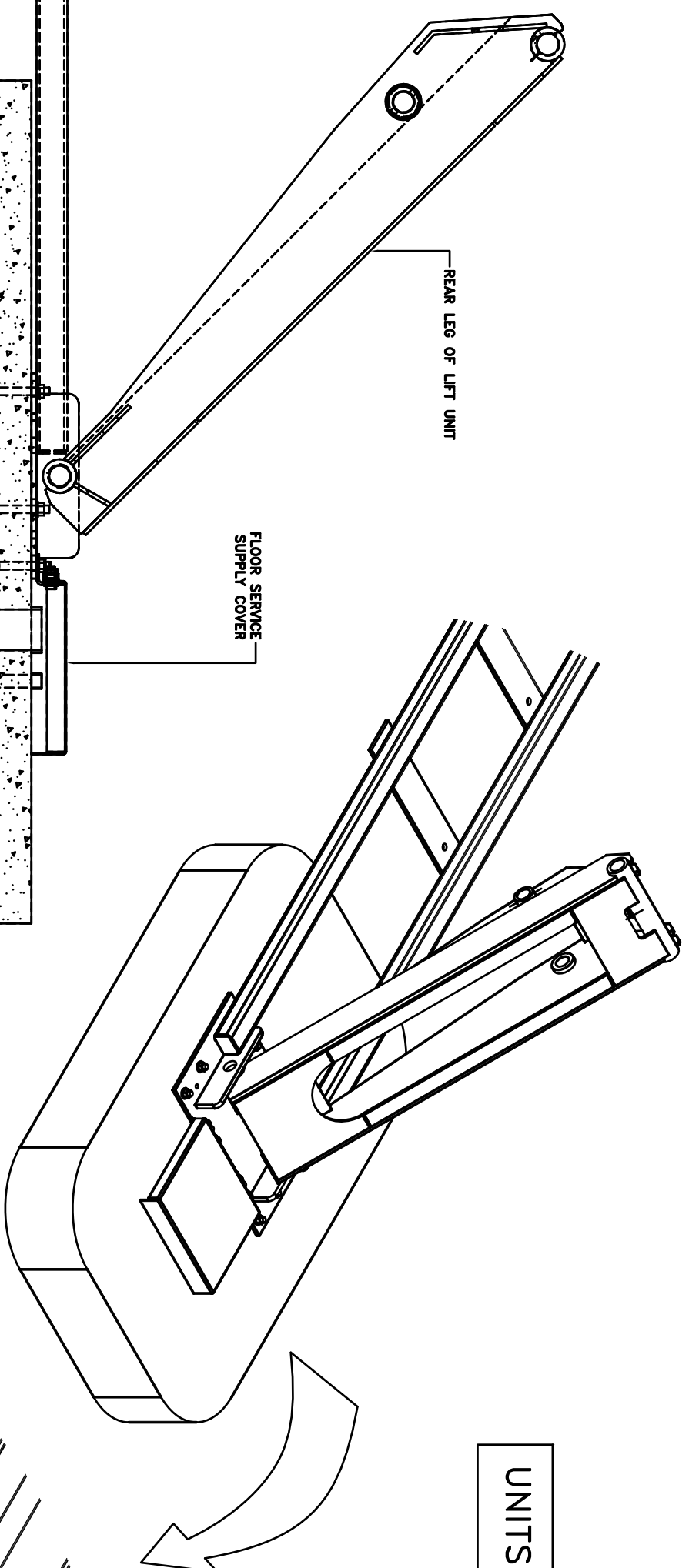
TITLE	DRAWING NUMBER
ANCHOR DETAILS & SHIMMING	P-010-D-004



D-SIZE

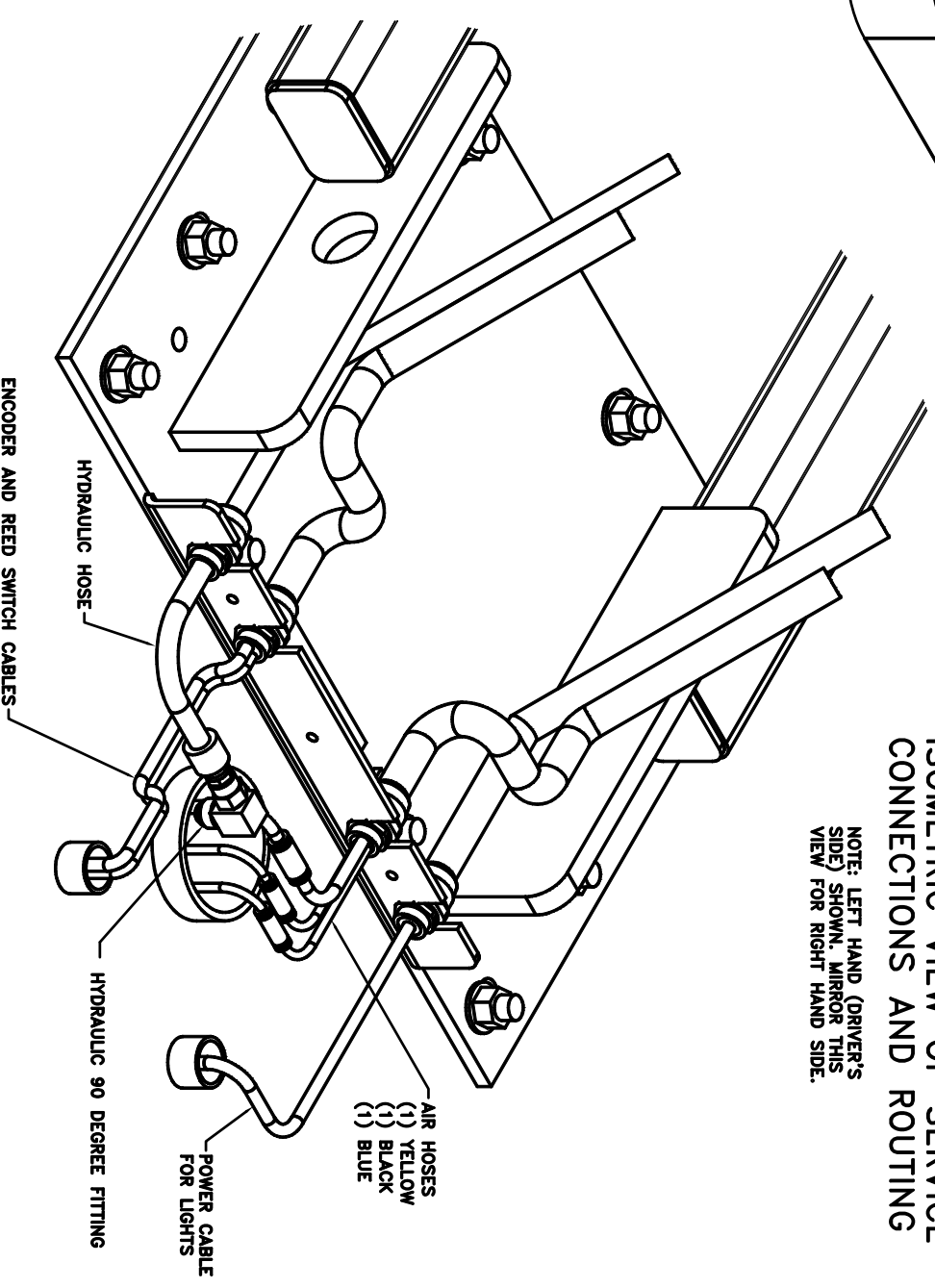
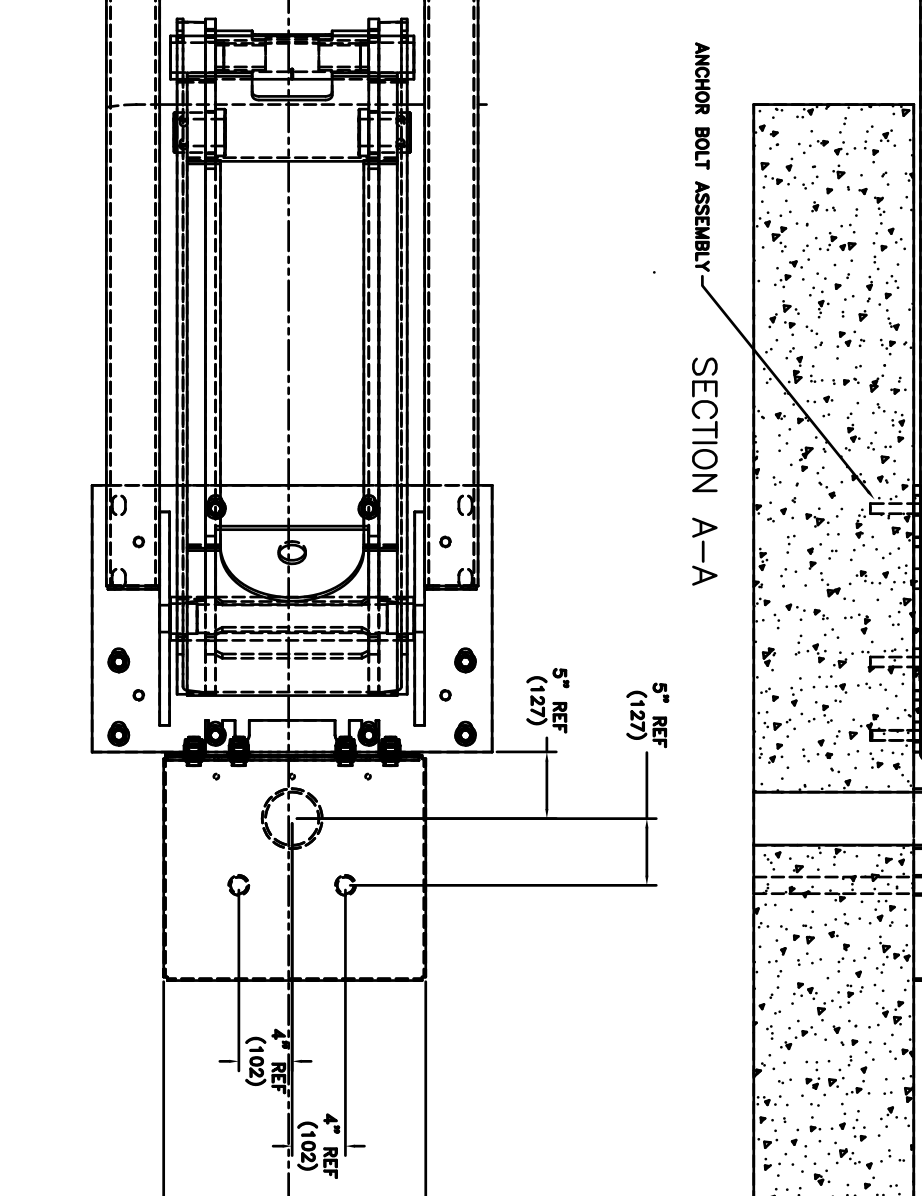
#	DESCRIPTION	DATE	APPROVED
A	METRIC DIMENSIONS ADDED	11/12/2008	dkk0879

UNITS = INCH (mm)



ISOMETRIC VIEW OF SERVICE CONNECTIONS AND ROUTING

NOTE: LEFT HAND (DRIVER'S SIDE) SHOWN. MIRROR THIS VIEW FOR RIGHT HAND SIDE.



NOTICE OF CONFIDENTIAL INFORMATION
 INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPERTY OF MOHAWK RESOURCES LTD. WHERE DRAWING IS FURNISHED TO OTHERS IT SHALL BE USED SOLELY FOR PURPOSES OF INSTALLATION, REPAIR, MAINTENANCE AND SERVICE OF THE EQUIPMENT AND NOT FOR ANY OTHER PURPOSES UNLESS OTHERWISE SPECIFIED BY THE RECIPIENT FOR ANY OTHER PURPOSES UNLESS OTHERWISE SPECIFIED.

- NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 3. WELDING METHOD SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE (MIL).

FILE NAME	SCALE	CHECKED	DATE	DRAWN	APPROVED	TITLE	FROM	DRAWING NUMBER
P-010-D-005	1/8		4/15/03	rw/7089		MOHAWK RESOURCES LTD. Parallelogram Installation Service Leg Conduit Details		P-010-D-005

D-SIZE

GENERAL NOTES

NOTE 1
CONCRETE USED FOR THE BASE AND THE SIDE WALLS OF EACH TRENCH AND ANY OTHER NEW CONCRETE WHICH IS USED FOR THIS INSTALLATION MAY HAVE A MINIMUM STRENGTH OF F'c=2,500 psi, A STRENGTH OF F'c=4,000 psi IS RECOMMENDED WHERE POSSIBLE.

NOTE 2
CONCRETE USED FOR THE BASE AND SIDEWALLS OF THE TRENCH AREAS SHALL REACH ITS FULL 28 DAY F'c STRENGTH BEFORE THE LIFT AND THE ANCHOR BOLTS ARE INSTALLED.

NOTE 3
CONCRETE REINFORCEMENT SIZES AND REINFORCEMENT SPECIFICATION FOR THE BASE OF EACH TRENCH SHALL BE DETERMINED BY AN ENGINEER OR ARCHITECT (AT THE EXPENSE OF THE PURCHASER) AND SHOULD BE DETERMINED CONSIDERING THE LOCAL SOIL CONDITIONS AND THE APPLIED LOADING. AS A MINIMUM, GRADE 60 REINFORCEMENT OF THE SIZE AND SPACING SHOWN ON THE DRAWINGS SHALL BE USED.

NOTE 4
CONCRETE REINFORCEMENT SPECIFICATIONS FOR THE FLOOR AREA AROUND THE TRENCHES SHALL BE DETERMINED BY AN ENGINEER OR ARCHITECT (AT THE EXPENSE OF THE PURCHASER) AND SHOULD BE DETERMINED CONSIDERING THE LOCAL SOIL CONDITIONS AND THE APPLIED LOADING. AS A MINIMUM, TWO LAYERS OF GRADE 60, 6X6-10/10 WELDED WIRE FABRIC SHOULD BE USED IN THE VICINITY OF THE LIFT UNIT AND BETWEEN THE TRENCHES.

NOTE 5
THE REINFORCING STEEL USED IN THE BASE OF THE TRENCHES SHALL BE INSTALLED SO AS TO NOT INTERFERE WITH THE ANCHOR BOLTS USED TO ATTACH THE LIFT UNIT.

NOTE 6
WE-JIT FASTENING SYSTEMS, AT WEDGE ANCHORS ARE PROVIDED WITH THE LIFT FOR ANCHORING THE LIFT UNIT TO THE FLOOR SYSTEM. THE NUMBER AND THE SIZE OF ANCHOR BOLTS SPECIFIED IN THE DRAWING MUST BE USED TO ATTACH THE LIFT UNIT. ANCHOR BOLTS OF FULL LENGTH MUST BE USED IN ALL LOCATIONS PROVIDED ON THE BASE OF THE LIFT UNIT.

NOTE 7
CARE MUST BE TAKEN TO ENSURE THAT THE SIDE WALLS OF THE TRENCH ARE PARALLEL AND STRAIGHT. APPROXIMATELY 1 1/2 OF CLEARANCE IS PROVIDED ALONG THE SIDES OF THE RUNWAYS.

NOTE 8
SLOPE THE BOTTOM OF THE TRENCH 1/16 INCH PER FOOT TOWARD THE DRAINAGE CHANNEL. SLOPE THE DRAINAGE CHANNEL 1/16 INCH PER FOOT TOWARD THE CATCH BASIN.

NOTE 9
CARE MUST BE TAKEN TO ENSURE THAT THE BASE OF THE TRENCH AREAS ARE AT THE PROPER ELEVATION. A MAXIMUM OF ONE INCH ADJUSTMENT (SHIMMING) IS PERMITTED FOR INSTALLATION LEVELING.

NOTE 10
WHERE MORE THAN 3/4 INCH OF SHIM LEVELING IS REQUIRED, FULL SUPPORT PLATE CONTACT SHIMS ARE AVAILABLE AT ADDITIONAL COST. THE FULL CONTACT SHIM PLATES SHALL THEN BE ACCURATELY LEVELED USING INDIVIDUAL ANCHOR BOLT SHIMS. INDIVIDUAL ANCHOR BOLT SHIMS ARE AVAILABLE IN A RANGE OF THICKNESSES FROM 1/16 INCH TO 1/4 INCH.

NOTE 11
NO EMBEDDED PLUMBING, TUBES, CONDUITS OR OTHER ITEMS, EXCEPT THE LIFT UNIT SERVICE LEG CONDUITS SHALL BE CLOSER THAN 16 INCHES FROM ANY ANCHOR BOLT. ALSO, THE SERVICE LEG CONDUITS SHALL BE INSTALLED ACCURATELY IN THE LOCATIONS SHOWN IN THE PLAN AND DETAIL VIEWS TO MINIMIZE THE EFFECT ON THE ANCHORAGE.

NOTE 12
PROVIDE TWO, 4 INCH SCH 40 PVC PIPE AS A HYDRAULIC-PNEUMATIC SERVICE SUPPLY CONDUIT RUNNING FROM THE POWER UNIT TO EACH SERVICE LEG.

NOTE 13
PROVIDE 4, 1 INCH SCH 40 STEEL CONDUITS AS ELECTRICAL SERVICE SUPPLY RUNNING FROM THE POWER UNIT TO THE SERVICE LEGS. THESE CONDUITS SHALL BE INSTALLED AS SHOWN ON THE SECTION VIEWS AND MUST BE INSTALLED ACCORDING TO APPLICABLE ELECTRICAL CODES.

NOTE 14
ONE 4 INCH SCH 40 PVC DRAIN PIPE SHOULD BE PROVIDED TO CARRY DRAINAGE FROM THE CATCH BASINS TO AN OIL-WATER SEPARATOR. THIS PIPE SHOULD SLOPE A MINIMUM OF 1/16 INCH PER FOOT TOWARD THE DESTINATION.

NOTE 15
PROVIDE TEMPORARY CAPS FOR ALL CONDUITS AND EMBEDDED PIPES. IT IS RECOMMENDED TO LEAVE PULL ROPES IN CONDUITS FOR EASE OF LIFT INSTALLATION.

NOTE 16
THE CONTROL CONSOLE MUST BE LOCATED IN THE VICINITY OF THE LIFT. IT SHOULD BE PLACED FAR ENOUGH AWAY FROM THE LIFT TO ALLOW FOR ACTIVITIES AROUND THE LIFT. THE ENCLOSED DRAWINGS SHOW THE CONSOLE IN A STANDARD POSITION. THE CONTROL CONSOLE MAY BE LOCATED ON EITHER SIDE AND ANYWHERE ALONG THE LENGTH OF THE LIFT, BUT ANY DEVIATIONS FROM THE ENCLOSED DRAWINGS MAY REQUIRE LONGER CABLES, HOSES, CONDUIT, ETC. AT ADDITIONAL EXPENSE TO THE PURCHASER.

NOTE 17
THE LIFT UNIT REQUIRES CLEAN DRY COMPRESSED AIR AT THE PRESSURE AND VOLUME SHOWN ON THE LIFT UNIT DATA TABLE. A FILTER/LUBRICATOR/REGULATOR IS SUPPLIED WITH THE LIFT UNIT FOR THE LOCKING SYSTEM ONLY. A FILTER/LUBRICATOR/REGULATOR, AIR DRYER AND SHUTOFF VALVE MUST BE PROVIDED FOR THE LIFT UNIT TO OPERATE THE OPTIONAL ACCESSORIES. THE REQUIRED VOLUME OF AIR SHOWN IN THE LIFT UNIT DATA TABLE RECOGNIZES THAT NOT MORE THAN ONE AUXILIARY AIR CONSUMER WILL BE USED SIMULTANEOUSLY.

NOTE 18
PROVIDE ONE, 1 INCH SCH 40 RIGID STEEL CONDUIT AS A COMPRESSED AIR SUPPLY. THIS CONDUIT IS SHOWN UNDERGROUND, ALTERNATIVELY IT MAY BE BROUGHT TO THE CONTROL PANEL OVERHEAD DEPENDING ON CUSTOMER PREFERENCE. IF BROUGHT OVERHEAD, PROVIDE FLEX CONDUIT CONNECTING THE TERMINAL END OF THE CONDUIT TO THE CONTROL CONSOLE.

NOTE 19
THE LIFT UNIT REQUIRES A HIGH VOLTAGE POWER SOURCE. A LOCKOUT/TAGOUT ELECTRICAL DISCONNECT BOX MUST BE PROVIDED FOR THE POWER SOURCE. THE LOCKOUT/TAGOUT DISCONNECT BOX MUST BE INSTALLED ACCORDING TO APPLICABLE ELECTRICAL CODES. THIS ELECTRICAL DISCONNECT IS TO BE PROVIDED BY OTHERS.

NOTE 20
PROVIDE ONE, 1 INCH SCH 40 RIGID STEEL CONDUIT AS ELECTRICAL SERVICE SUPPLY RUNNING FROM THE BUILDING POWER SOURCE TO THE CONTROL CONSOLE. THIS CONDUIT IS SHOWN UNDERGROUND, ALTERNATIVELY IT MAY BE BROUGHT TO THE CONTROL PANEL OVERHEAD DEPENDING ON CUSTOMER PREFERENCE. PROVIDE A LOCKOUT/TAGOUT ELECTRICAL DISCONNECT BOX WITHIN SIGHT AND AS CLOSE TO THE CONTROL CONSOLE AS IS PRACTICAL. THIS ELECTRICAL SUPPLY CONDUIT AND DISCONNECT BOX MUST BE INSTALLED ACCORDING TO LOCAL ELECTRICAL CODE REQUIREMENTS.

NOTE 21
ALL FLOOR REQUIREMENTS ARE BASED ON A CONCRETE SLAB THAT IS ON GRADE (SUPPORTED BY SOIL). ANY OTHER TYPE OF INSTALLATION INVOLVING A SLAB NOT ON GRADE (I.E.-SLAB SUPPORTED BY PYLONS, SECOND STORY SLAB, ETC.) MUST BE REVIEWED & ANALYZED FOR SUITABILITY BY THE BUILDING ARCHITECT, AT THE EXPENSE OF OTHERS.

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 - 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS.
 - 3. WELDING METIUM SHALL CONFORM TO AWS D1.1 SPECIFICATIONS TO E-70XX ELECTRODES OR E-70TTI CODE S3 FLUX CORE WIRE ONLY.

TOLERANCES:
ANGULAR ± 1.0
DIMENSIONAL ± .030
HOLE ± .005

P-1010-A-001

SCALE
CHECKED

DRAWN
RWW7089
APPROVED

MOHAWK RESOURCES LTD.
TITLE
FLUSH INSTALLATION
GENERAL NOTES

DATE
9/05

WEIGHT
LB.

DRAWING NUMBER
P-1010-D-006



FLUSH LIFTS ONLY

D-SIZE