

MOHAWK

PARALLELOGRAM

75-48-F FLUSH MOUNT INSTALLATION REQUIREMENT DRAWINGS



MOHAWK RESOURCES LTD.

65 VROOMAN AVE.

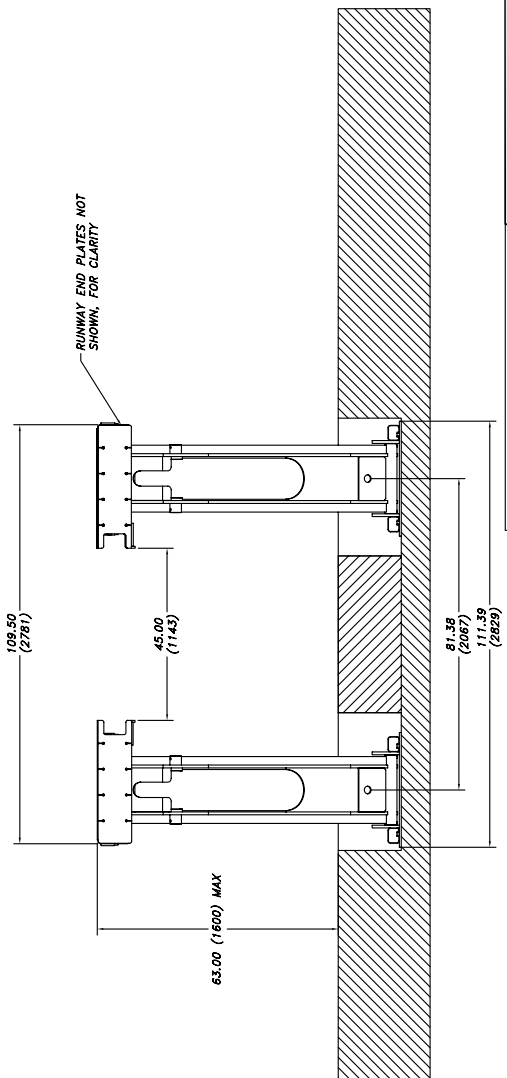
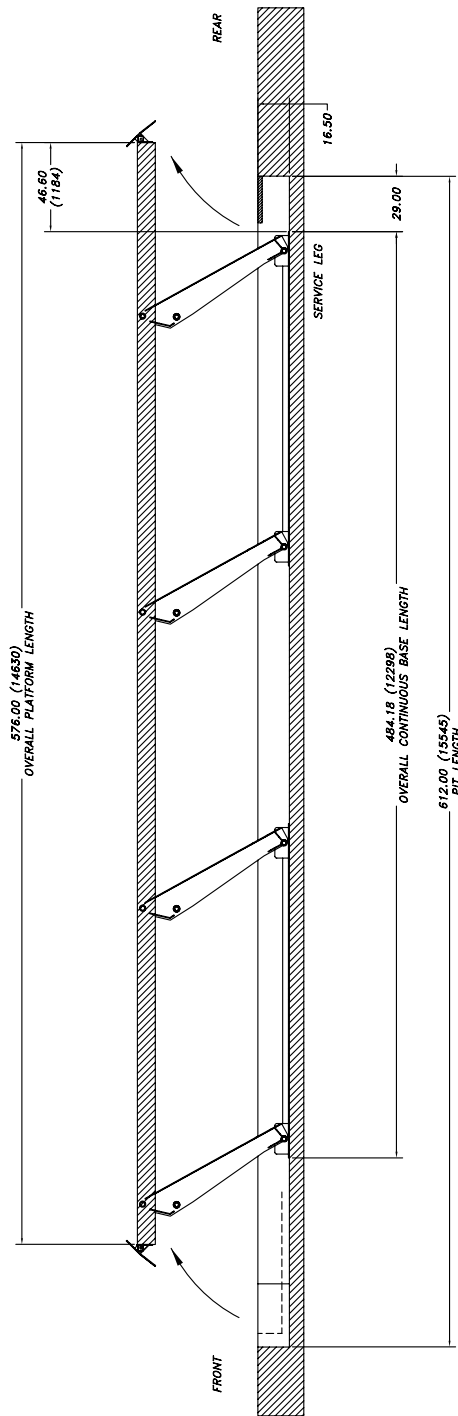
AMSTERDAM, NY 12010

TOLL FREE: 1-800-833-2006

LOCAL: 1-518-842-1431

FAX: 1-518-842-1289

INTERNET: WWW.MOHAWKLIFTS.COM



UNITS = INCHES (mm)

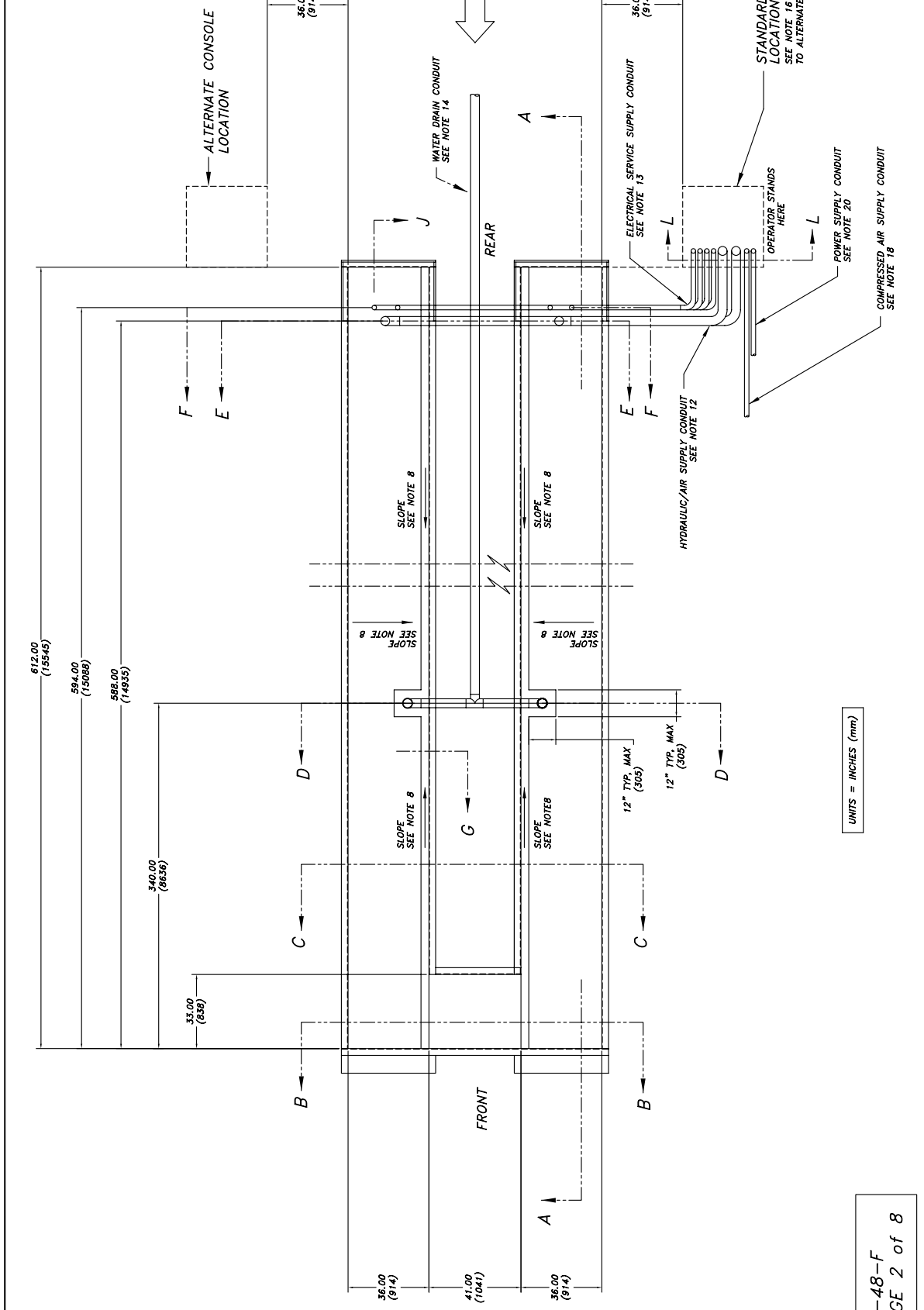
75-48-FLUSH

PAGE 2 of 2

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NOTES: 1. REMOVE ALL SHARP CORNERS & EDGES. 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH TO BE 125 RMS. 3. CONFORM TO ASSESSMENT TO E-70XX ELECTRODES OR SPECIFICATIONS TO E-70XX ELECTRODES OR E-7011 CODE S3 FLUX CORE WIRE ONLY.	FILE NAME P-3010-A-001	APPROVED [Signature]	FROM L.B.	MOHAWK RESOURCES LTD. INSTALLATION REQUIREMENTS DRAWING: 75-48-FLUSH	PAGE 2 of 2

FRONT ELEVATION VIEW

D-SIZE



UNITS = INCHES (mm)

75-48-F
PAGE 2 of 8

NOTICE OF CONFIDENTIAL INFORMATION
 INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND PROPERTY OF MOHAWK RESOURCES LTD. IT SHALL BE USED ONLY FOR THE PURPOSES OF IDENTIFICATION, QUOTATION, AND ORDERING OF THE PRODUCT DESCRIBED HEREIN. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MOHAWK RESOURCES LTD.

NOTES:
 1. FINISH ALL SURF CONCRETS & BRICKS.
 2. FINISH TO BE IES RAS.
 3. WELDING MEDIUM SHALL CONFORM TO AWS D1.1.
 4. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE WIRE.
 E-7011 CODE S3 FLUX CORE WIRE ONLY.

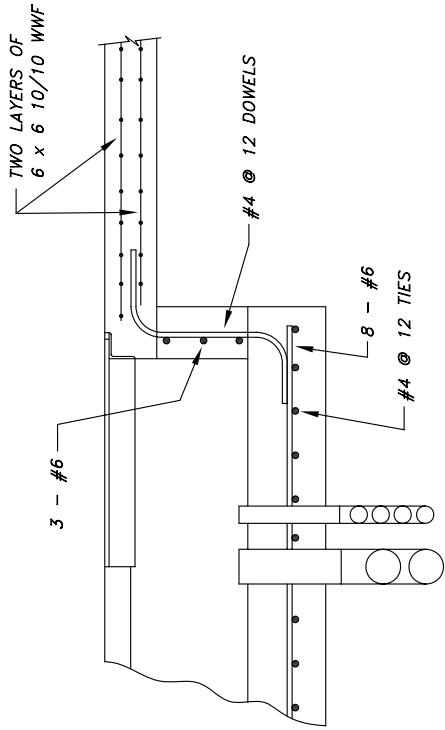
TOLERANCES:
 1. S. ± 0.30
 2. FINISH ± 0.30
 3. DIMS ± 0.30
 4. DIMS ± 0.30
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 99. DIMS ± 0.30
 100. DIMS ± 0.30

P-3010-A-001
 NEXT ASSEMBLY

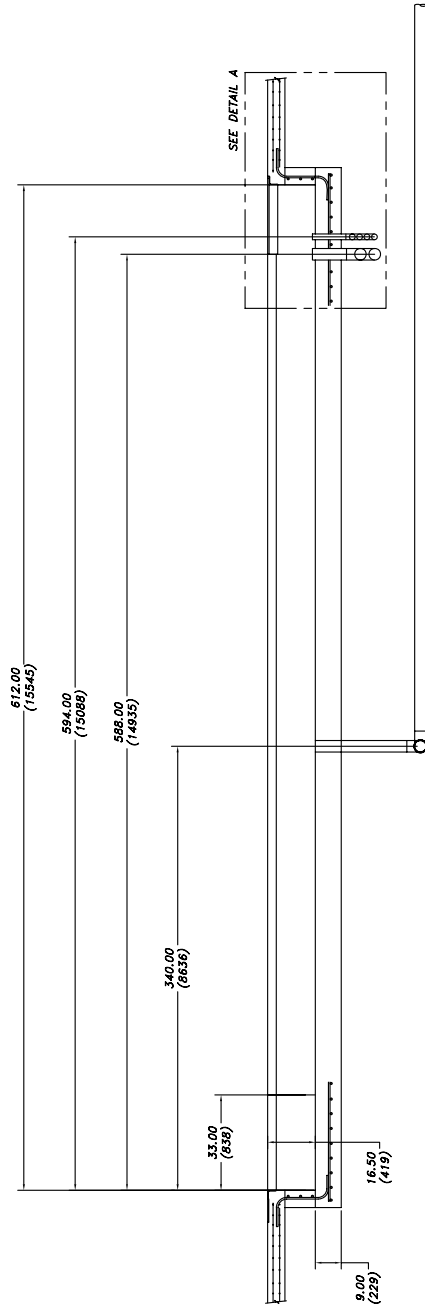
SCALE 3/8"
 CHECKED
 DATE 5/12/06

DRAWN GBR
 APPROVED
 WEIGHT
 L.B.

MOHAWK RESOURCES LTD.
 TITLE PIP DRAWINGS & SECTIONS
 FOR 75-48-F (FLUSH)
 FROM
 DRAWING NUMBER
 P-3010-D-001



DETAIL A

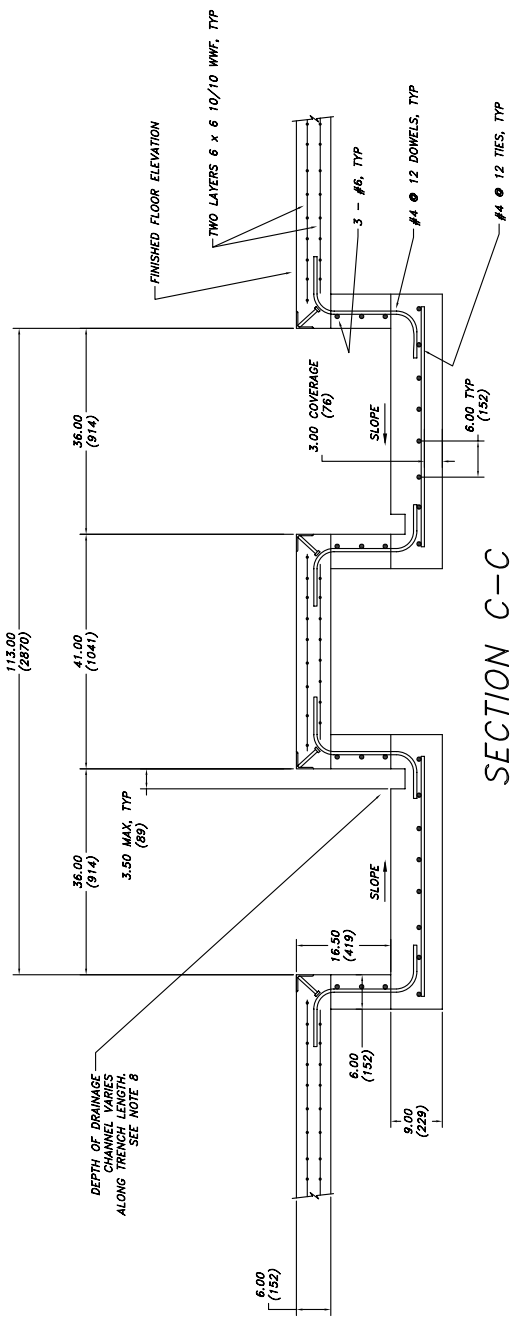


SECTION A-A

UNITS = INCHES (mm)

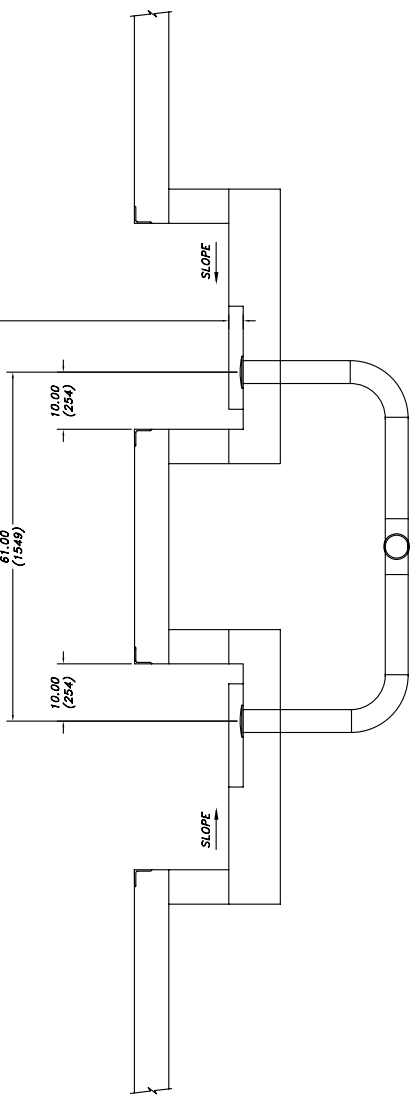
75-48-F
PAGE 3 of 8

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NOTES: 1. REMOVE ALL SHARP CORNERS & EDGES. 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH SHALL CONFORM TO AAS. SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE ONLY. 3. WELDING SHALL CONFORM TO AAS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70T1 CODE S3 FLUX CORE WIRE ONLY.		FILE NAME P-3010-D-001	DATE 9/12/06	CHECKED	APPROVED	TITLE FROM	
		WEIGHT LB	DRAWING NUMBER P-3010-D-001				PAGE 3 of 8



SECTION C-C

2.50 (64) MAXIMUM DEPTH OF DRAINAGE CHANNEL AT CATCH BASIN, TYP



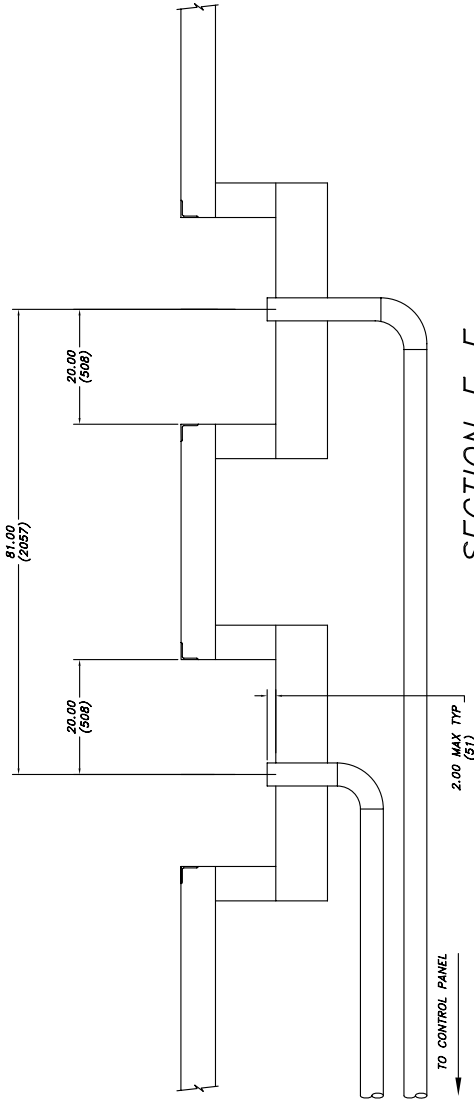
SECTION D-D

UNITS = INCHES (mm)

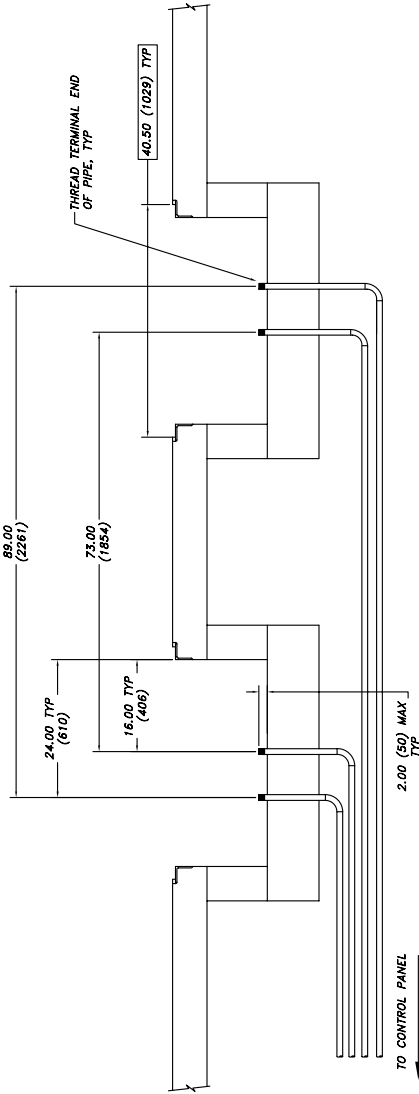
75-48-F
PAGE 5 of 8

NOTICE OF CONFIDENTIAL INFORMATION		TOLERANCES		DRAWN		MOHAWK RESOURCES LTD.	
1. REMOVE ALL SHARP CORNERS & EDGES. 2. FINISH TO BE AS DESCRIBED, SURFACE FINISH TO BE 125 RMS. 3. WELDING MEDIUM SHALL CONFORM TO AWS E-7011 CODE & FLUX CURE WIRE ONLY OR E-7011 CODE & FLUX CURE WIRE ONLY. 4. WELDING SHALL BE IN ACCORDANCE WITH THE REQUIREMENT FOR ANY OTHER PROCESSES MANUFACTURER.		1. FINISH TYPICAL ± 0.30 2. DIMENSIONS ± 0.05 3. DIMENSIONS ± 0.05		SCALE	3/22	DRAWN	jak
		FILE NAME: P-3010-D-001 CHECKED: 9/12/06 DATE: 9/12/06		TITLE	PIT DRAWINGS & SECTIONS FOR 75-48-F (FLUSH)		APPROVED
		NEXT ASSEMBLY		WEIGHT	LB.	FIRM	
				DRAWING NUMBER		P-3010-D-001	

D-size



SECTION E-E

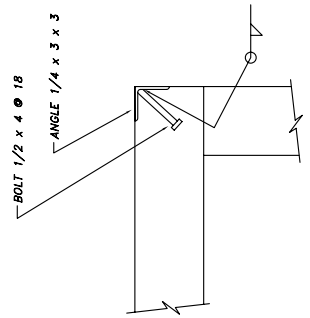


SECTION F-F

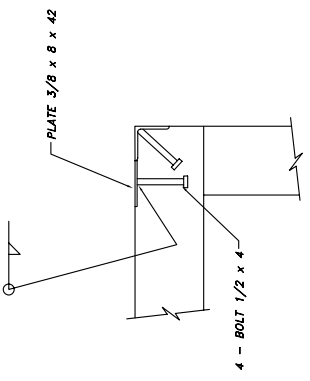
UNITS = INCHES (mm)

75-48-F
PAGE 6 of 8

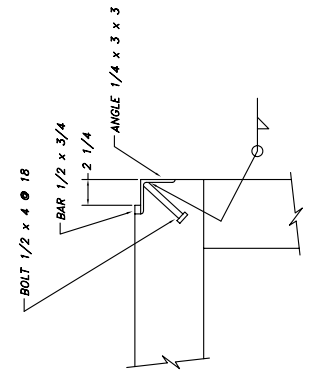
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SCALE 3/32		CHECKED DATE		APPROVED DATE		FROM L.B.		NEXT ASSEMBLY P-3010-A-001		TRAVEL NUMBER P-3010-D-001		FROM L.B.		PAGE 6 of 8	



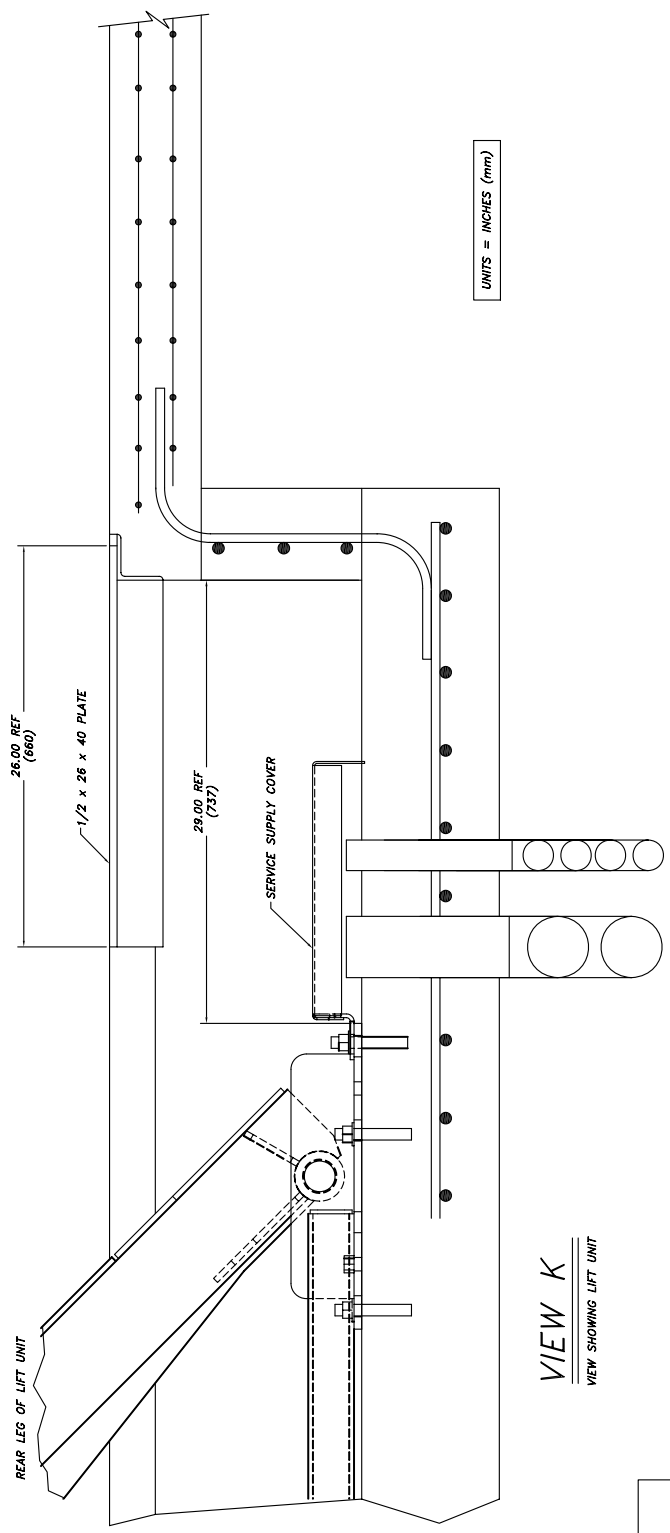
SECTION G



SECTION H



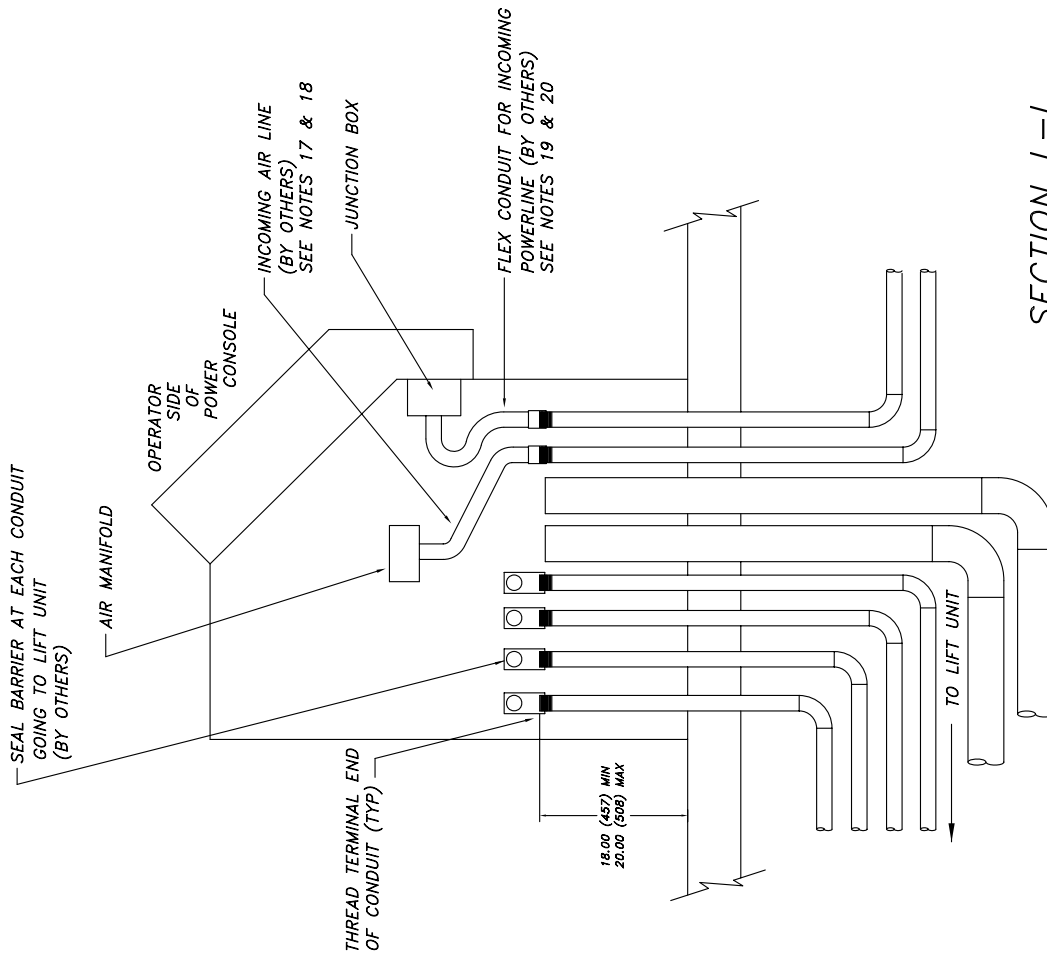
SECTION J



VIEW K
VIEW SHOWING LIFT UNIT

75-48-F
PAGE 7 of 8

NOTICE OF CONFIDENTIAL INFORMATION		NOTES:		TOLERANCES:		SCALE		DRAWN		MOHAWK RESOURCES LTD.	
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										PIT. DRAWINGS & SECTIONS FOR 75-48-F (LUSH)	
										DATE	
										FROM	
										WEIGHT	
										L.B.	
										DRAWING NUMBER	
										P-3010-D-001	
										NEXT ASSEMBLY	
										P-3010-D-001	



UNITS = INCHES (mm)

SECTION L-L

75-48-F
PAGE 8 of 8

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CHECKED: DATE: 9/12/06	APPROVED: DATE: 9/12/06	WEIGHT: LB	FROM: LB	FILE NAME: P-3010-D-001	TITLE: APPROVED	TITLE: APPROVED

LIFT DATA TABLE

MOHAWK RESOURCES, LTD
PARALLELOGRAM LIFT MODEL
75-48-FLUSH

LIFT UNIT DATA	
MAXIMUM LOAD CAPACITY (LBS)	75,000
ANCHORAGE	---
ANCHOR BOLT DIAMETER (IN.)	3/4"
TOTAL NUMBER OF ANCHOR BOLTS	80
BOLT PATTERN	SEE ANCHOR DETAILS
ANCHOR BOLT SETTING TORQUE	N/A - SEE ANCHOR DETAILS
MINIMUM EMBEDMENT LENGTH (IN.)	3.00
MINIMUM CONCRETE THICKNESS (IN.)	---
HYDRAULIC	SEE PIT DRAWINGS
RESERVOIR CAPACITY (GAL)	30 TOTAL
OIL TYPE	DEXRON III (ATF)
ELECTRICAL	---
MOTOR HORSEPOWER	20
208/230 V 3 PH	60 AMPERE
or 460 V 3 PH	30 AMPERE
CONTROL CIRCUIT TRANSFORMER 1000 VA	7.69 AMP
24 VDC POWER SUPPLY	4.8 AMP
LIGHT FIXTURES (OPTIONAL LIGHTING KIT)	8
SHOP AIR	---
AIR PRESSURE (PSI)	85 to 100
AIR VOLUME - LIFT (CFM)(LOCKS)	5
AIR VOLUME - LIFT (CFM)(JACK)	25 EACH
AIR VOLUME - OPTIONAL ROLLING JACK (CFM)	20
AIR VOLUME - OPTIONAL SHOP AIR KIT (CFM)	30 MINIMUM
AIR VOLUME - TOTAL REQ'D CAPACITY (CFM)	50 SUGGESTED

REQUIRED MATERIAL LIST

MATERIALS SHOWN ON THIS LIST SHALL BE USED WITHOUT
SUBSTITUTION UNLESS SPECIFICALLY APPROVED IN WRITING BY
MOHAWK RESOURCES, LTD.

12	1	LOCKOUT/TAGOUT DISCONNECT BOX	PER LOCAL ELECTRICAL CODES
11*	AR	LEVELING SHIMS	1/16" 1/8" 1/4" THICK
10*	56	3/4" x 5" ANCHOR BOLT ASSEMBLY	WE-17 - WEDGE ANCHORS
9	4	1" SEAL BARRIER	CROUSE - HINDS EYS3
8	4	1-3/4" REDUCER BUSHING	CROUSE - HINDS RE-32
7	4	1" SCH 40-90 DEG ELBOW	CROUSE - HINDS EL3
6*	1	JUNCTION BOX (IN CONSOLE)	STEEL
5	AR	SEALTITE FLEXIBLE CONDUIT	METAL CORE
4	AR	1" RIGID CONDUIT	STEEL
3	1	FILTER/LUBRICATOR/REGULATOR, DRYER SHUTOFF	
2	AR	4" SCH 40 STREET ELBOW	STEEL or PVC
1	AR	4" SCH 40 PIPE	STEEL or PVC
ITEM	QTY	DESCRIPTION	MATERIAL
		* ITEMS SUPPLIED BY MOHAWK WITH THE LIFT UNIT	

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NOTES:
1. MAKE ALL SHARP CORNERS & EDGES RADIUS.
2. FINISH TO BE PER SPECIFIED SURFACE.
3. WELDING SHALL CONFORM TO AWS D1.1 OR AS SPECIFIED IN THE DRAWINGS.
E-2011 CODE S3 FLUID CODE VISE DIM.

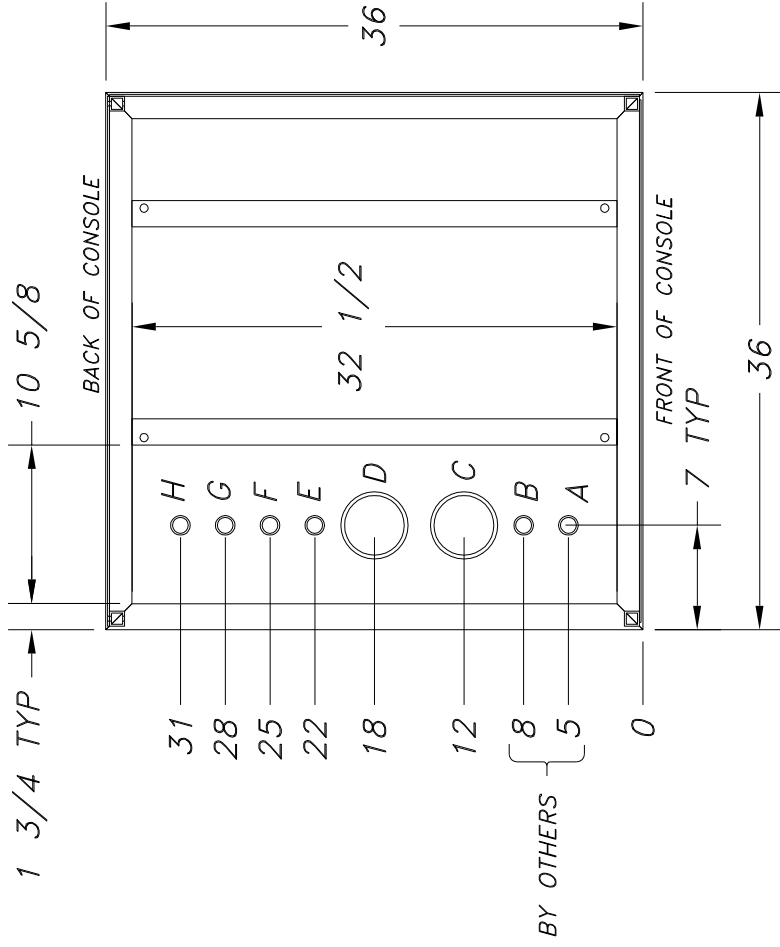
TOLERANCES
DIMENSIONAL ± .030
HOLE DIA ± .005
FILE NAME
P-3010-D-002

P-3010-A-001
NEXT ASSEMBLY

SCALE
CHECKED
DATE 9/12/06
WEIGHT
LB

DRAWN
APPROVED
MOHAWK RESOURCES LTD.
TITLE 75-48-F (FLUSH)
LIFT DATA TABLE
DRAWING NUMBER
P-3010-D-002

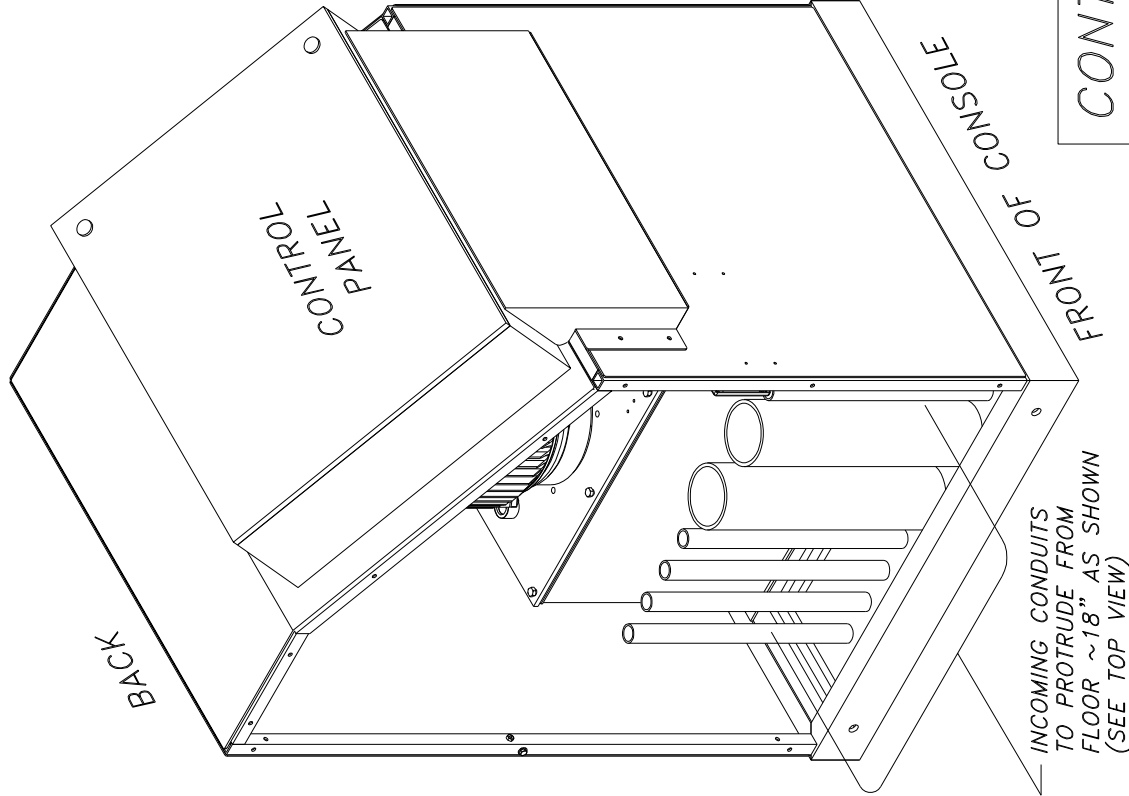
TOP VIEW OF CONSOLE FRAME



CONDUIT SIZES & APPLICATION:

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

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



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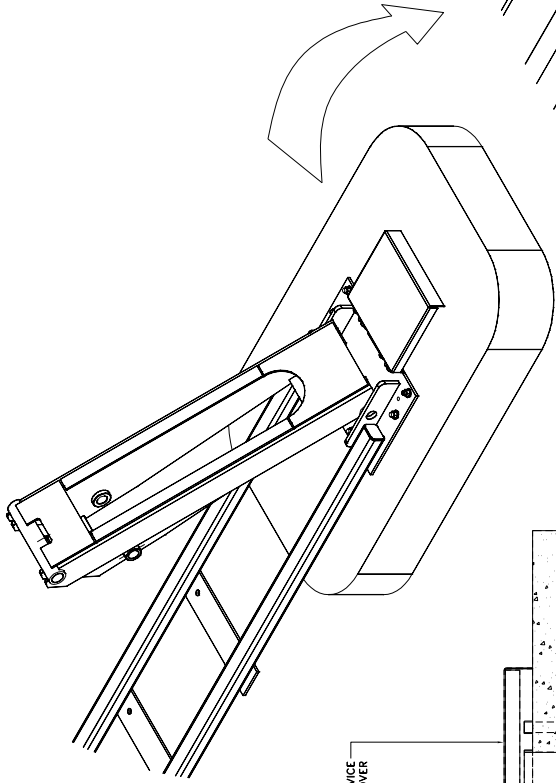
- NOTES:
1. REMOVE ALL SHARP CORNERS & EDGES.
 2. UNLESS OTHERWISE SPECIFIED, SURFACE FINISH SHALL BE AS SHOWN.
 3. WELDING METIUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70XX CORE 55 FLUX CORE WIRE ONLY.

TOLERANCES:	1. 1/32
FINISHES:	1. 1/32
SECTIONAL:	1. 1/32
DR:	1. 1/32
FILE NAME:	P-010-D-003
NEXT ASSEMBLY:	

P-010-H-001	
CHECKED	
DATE	4/03

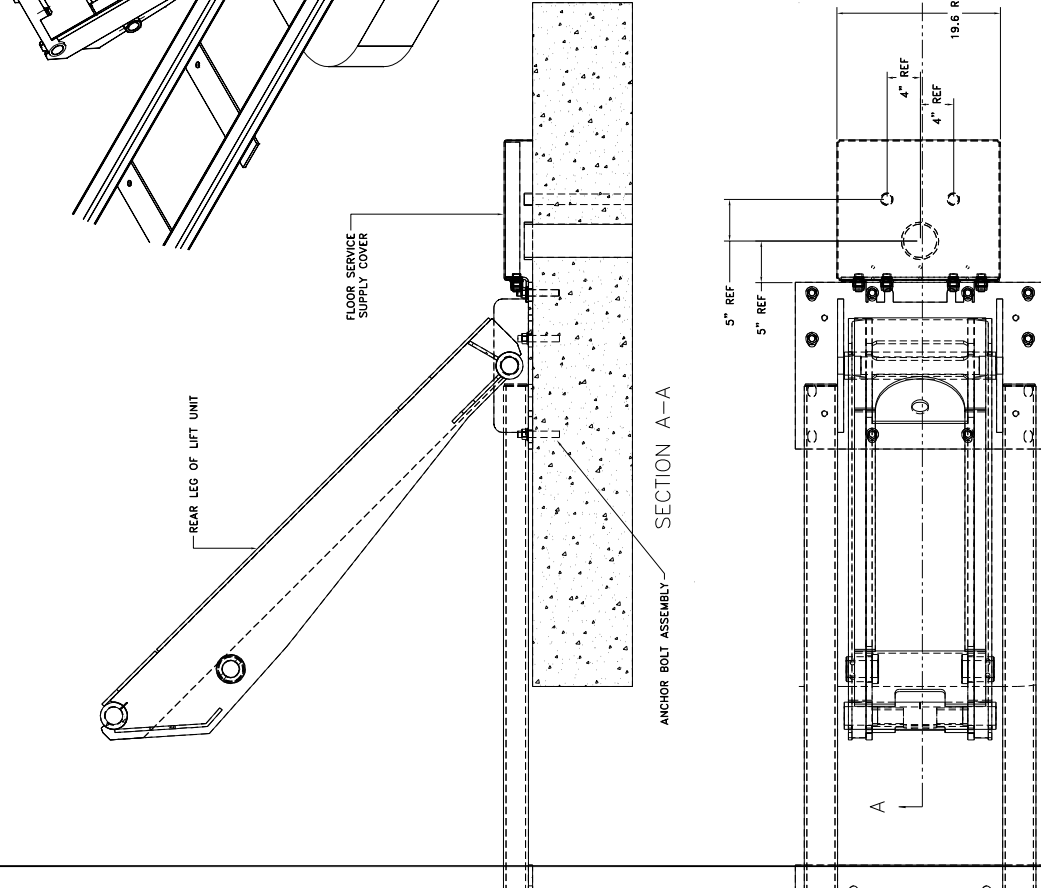
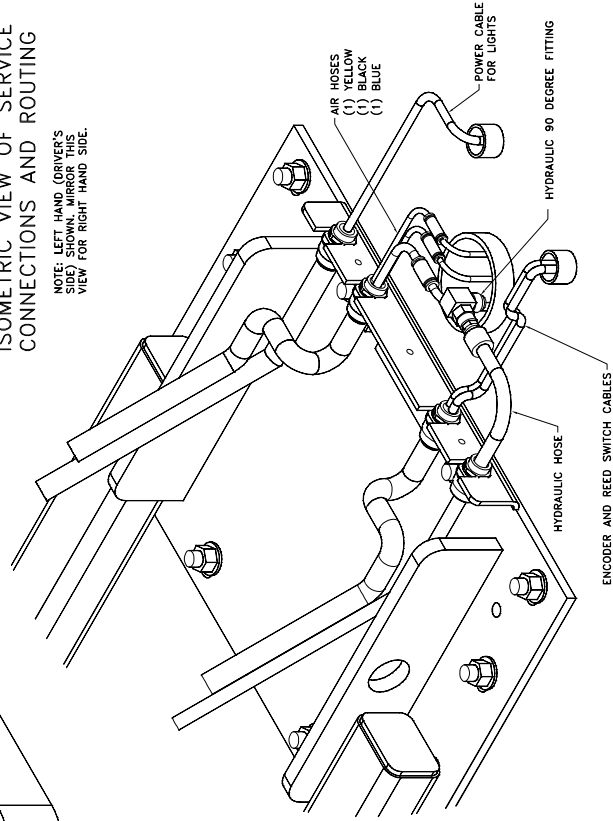
SCALE	DRAWN	APPROVED	LB
	06K		

MOHAWK RESOURCES LTD.	
TITLE	CONTROL CONSOLE & STUB-UP DETAILS
FROM	P-010-D-003



ISOMETRIC VIEW OF SERVICE CONNECTIONS AND ROUTING

NOTE: LEFT HAND DRIVER'S VIEW FOR RIGHT HAND SIDE.



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NOTES:
 1. REMOVE ALL SHARP CORNERS & EDGES.
 2. FINISHES TO BE AS SPECIFIED. SURFACE FINISH TO BE PERM. GRK.
 3. WELDING MEDIAUM SHALL CONFORM TO AWS SPECIFICATIONS TO E-70XX ELECTRODES OR E-70XX CODE 3G FLAW FREE WIRE ONLY.

TOLEANCES:
 ANGULAR ± 1.0
 DIMENSIONAL ± .015
 ELECTRICAL ± .015
 SURFACE ± .015
 FILE NAME: P-010-D-005

P-010-A-001
 NEXT ASSEMBLY

SCALE: 1/8
 CHECKED: r/g
 DATE: 4/15/03
 DRAWING NUMBER: P-010-D-005

MOHAWK RESOURCES LTD.
 TITLE: Parallelgram Installation Service Leg Detail
 DRAWN: PM7089
 APPROVED: r/g
 WEIGHT: r/g
 LE: r/g

D-SIZE

