420.00 OVERALL PLATFORM LENGTH

36.32

10.00

546" BT

OVERALL CONTINUOUS BASE LENGTH

420.00

100"

SERVICE LEG

FRONT

REAR

RUNWAY END PLATES NOT SHOWN, FOR CLARITY

SURFACE MOUNTED CONTINUOUS BASE INSTALLATION

THIS CONFIGURATION IS MOST OFTEN USED FOR FLEET MAINTENANCE, REPAIR AND SERVICE APPLICATIONS.

THE LIFT UNIT TRAVERSES TO THE REAR APPROXIMATELY 36 1/8" DURING THE VERTICAL ARTICULATION.
STANDARD CONSOLE LOCATION LAYOUT

SEE NOTE 18 IN REGARDS TO ALTERNATE LOCATIONS

40-35-SURFACE

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MOHAWK RESOURCES LTD.

FILE NAME P-2110-D-001

SCALE 1\"=10'0" DRAWN DEC

TOLERANCES

PREPARED 10/09

CHECKED 12/09

APPROVED

TITLE 40-35-SURFACE STANDARD CONSOLE LOCATION LAYOUT

DATE

OF

ASSEMBLY

MOHAWK RESOURCES LTD.
LIFT & CONSOLE SUBGRADE CONDUIT LOCATIONS, SECTION VIEWS

UNITS = INCH (mm)
= POUND (kg)

SEAL BARRIER AT EACH CONDUIT GOING TO LIFT UNIT (BY OTHERS)

AIR MANIFOLD

OPERATOR SIDE OF POWER CONSOLE

INCOMING AIR LINE (BY OTHERS)

JUNCTION BOX

FLEX CONDUIT FOR INCOMING POWERLINE (BY OTHERS)
SEE NOTES 19 & 25

18.00 (457) MIN  20.00 (508) MAX

SECTION B-B

SECTION C-C

SECTION D-D

NOTICE OF CONFIDENTIAL INFORMATION

MOHAWK RESOURCES LTD.

FILE NAME: P-010-D-002

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+ WARNING: THIS DRAWING IS THE PROPERTY OF MOHAWK RESOURCES LTD. AND IS CONFIDENTIAL. IT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS DRAFTED. ANY REPRODUCTION OR DISTRIBUTION WITHOUT THE WRITTEN consent OF MOHAWK RESOURCES LTD. IS PROHIBITED.

+ NOTICE OF CONFIDENTIAL INFORMATION

+ NOTE:
+ 1. REMOVE ALL SNAP CенGRS & BOLTS.
+ 2. UNLESS OTHERWISE SPECIFIED, SURFACE TO BE (1) SMOOTH.
+ 3. WELDING VOLUME SHALL COMPLY TO AWS SPECIFICATIONS TO EXTEND ELECTRICAL OR ELECTRICAL OR PARTS CORRECTLY ONLY.

+ TOLERANCES:
+ 1/8 (3.175)
+ 1/16 (1.588)

Archivo de imágenes
TOP VIEW OF CONSOLE FRAME

1 3/4 TYP (44)

UNITS = INCH (mm)

10 5/8 (270) BACK OF CONSOLE

CONDUIT SIZES & APPLICATION:
A: 1" (25.4) (MIN) SCHED 40 STEEL PIPE – INCOMING POWER CUSTOMER
B: 1" (25.4) (MIN) SCHED 40 STEEL PIPE – INCOMING AIRLINE OPTIONAL
C,D: 4" (101) SCHED 40 PVC PIPE – HYDRAULIC & AIR TO LIFT
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
UNITS = INCH (mm) = POUND (kg)

ANCHOR DETAILS & SHIMMING

ANCHOR BOLT LOCATION DIMENSIONS AND DETAILS

1" (25.4) MAXIMUM LEVELING SHIM THICKNESS
SEE NOTE 10

1" (25.4) MAXIMUM LEVELING SHIM THICKNESS
SEE NOTE 10

INSTALLATION INSTRUCTIONS

1. Drill the hole perpendicular to the work surface. *Do assure full holding power, do not make 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 spray and the bottom of the washer. Insert anchor into hole.

5. Tap anchor into hole with a 2 1/3 lbs (1.1 kg) hammer until washer rests solidly against fixture.

6. Lighten the nut to 80 ft-lbs (55 N-m) maximum torque and not less than 3 full turns, but not more than 6 turns past the hand tight position. (Use of an impact wrench for installation of anchors is not recommended)

REPRESENTATIVE TIGHTENING SEQUENCE FOR ANCHOR BOLTS

TIGHTENING FROM CENTER OF BASE OUTWARD

APPROVED ANCHOR BOLTS PROVIDED BY MOHAWK LIFT

ANCHOR BOLTS ARE MANUFACTURED BY

WE-J-IT FASTENING SYSTEMS
3240 E. 13TH PLACE
TULSA, OKLAHOMA 74104

PHONE 918-644-7444
800-245-3204
WEB SITE WWW.WE-J-IT.COM

ANCHORS SPECIFIED ARE THE ORIGINAL WE-J-IT EXPANSION ANCHORS, 3/4" (19mm) DIA

CATALOG NUMBER
3460
3465
3460
3410

LENGTH
8" (203)
8 1/2" (216)
10" (254)

NO OTHER ANCHOR BOLT SUBSTITUTIONS ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM MOHAWK RESOURCES, LTD. UNDER CERTAIN CIRCUMSTANCES Epoxy coated threaded rods 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

ALL INFORMATION CONTAINED HEREIN IS CONFIDENTIAL UPON REQUEST. ANY DISCLOSURE OF CONFIDENTIAL INFORMATION IS AT THE DISCRETION OF THE RECIPIENT. ANY QUESTIONS REGARDING THIS NOTICE SHOULD BE DIRECTED TO THE PERSONNEL DESIGNATED TO RECEIVE THIS INFORMATION.
### LIFT DATA TABLE

**MOHAWK RESOURCES, LTD.**
**PARALLELOGRAM LIFT MODEL**
**50-26-SURFACE**

<table>
<thead>
<tr>
<th>LIFT UNIT DATA</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MAXIMUM LOAD CAPACITY (LBS)</td>
<td>50,000 (22680 kg)</td>
</tr>
<tr>
<td>ANCHORAGE</td>
<td></td>
</tr>
<tr>
<td>ANCHOR BOLT DIAMETER (IN.)</td>
<td>3/4&quot; (19)</td>
</tr>
<tr>
<td>TOTAL NUMBER OF ANCHOR BOLTS</td>
<td>4</td>
</tr>
<tr>
<td>MINIMUM EMBEDMENT LENGTH (IN.)</td>
<td>3.00 (76)</td>
</tr>
</tbody>
</table>

**HYDRAULIC**
- RESERVOIR CAPACITY: 30 GALLONS (114 LITERS)

**ELECTRICAL**
- MOTOR HORSEPOWER: 70 HP
- CONTROL CIRCUIT TRANSFORMER 1000 VA: 7.3 AMP
- 24 VDC POWER SUPPLY: 4.8 AMP

**SHOP AIR**
- AIR PRESSURE: 85 TO 100 PSI (586 TO 690 PS) |
- AIR VOLUME - LIFT (LOCKS): 5 CFM (.838 cfm/Min)
- AIR VOLUME - OPTIONAL ROLLING JACK (CFM): 25 EACH
- AIR VOLUME - OPTIONAL SHOP AIR KIT (CFM): 20
- AIR VOLUME - TOTAL REG'D CAPACITY (CFM): 30 MINIMUM
- AIR VOLUME - TOTAL REG'D CAPACITY (CFM): 50 SUGGESTED

### REQUIRED MATERIAL LIST

MATериалы показанные на этой листе не будут использованы без спецификации и утверждения МОХАУК РИСУРСЗ ЛИМТИД.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>1</td>
<td>LOCKOUT/TAGOUT DISCONNECT BOX</td>
</tr>
<tr>
<td>11*</td>
<td>AR</td>
<td>LEVELING SHIMS</td>
</tr>
<tr>
<td>10*</td>
<td>AR</td>
<td>3/4&quot; (19) X 8&quot; (127) ANCHOR BOLT ASSEMBLY W/ U - WEDGE ANCHORS</td>
</tr>
<tr>
<td>9</td>
<td>4</td>
<td>1&quot; (25.4) SEAL BARRIER CROUSE - HINDS EY53</td>
</tr>
<tr>
<td>6</td>
<td>4</td>
<td>1-3/4&quot; (44) REDUCER BUSHING CROUSE - HINDS M32</td>
</tr>
<tr>
<td>7</td>
<td>4</td>
<td>1&quot; (25.4) SCH 40-90 DEG ELBOW CROUSE - HINDS EL3</td>
</tr>
<tr>
<td>6*</td>
<td>1</td>
<td>JUNCTION BOX (IN CONSOLE) STEEL</td>
</tr>
<tr>
<td>5</td>
<td>AR</td>
<td>SEALITE FLEXIBLE CONDUIT METAL CORE</td>
</tr>
<tr>
<td>4</td>
<td>AR</td>
<td>1&quot; (25.4) RIGID CONDUIT STEEL</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>FILTER/LUBRICATOR/REGULATOR, DRYER SHUTOFF STEEL or PVC</td>
</tr>
<tr>
<td>2</td>
<td>AR</td>
<td>4&quot; (102) SCH 40 STREET ELBOW STEEL or PVC</td>
</tr>
<tr>
<td>1</td>
<td>AR</td>
<td>4&quot; (102) SCH 40 PIPE STEEL or PVC</td>
</tr>
</tbody>
</table>

* ITEMS SUPPLIED BY MOHAWK WITH THE LIFT UNIT

UNITS = INCH (mm) = POUNDS (kg)
GENERAL NOTES

NOTE 1
If the existing concrete floor has a documented minimum strength of not less than 4,000 psi (27.6 MPa) and is at least 6 inches (152) thick, then the floor system may be used without alterations. Generally, any floor area which is designed for vehicles of the same weight as the lift unit maximum capacity will be adequate for installation of the lift unit. Lift unit contact pressures will be equal to or less than the wheel contact pressures.

NOTE 2
If the concrete floor system does not meet minimum specifications of Note 1 above, then a new concrete floor shall be supported by the lift.

NOTE 3
If the strength of an existing floor system is unknown or not documented, its strength should be determined. Core samples should be taken to determine the strength of the floor.

NOTE 4
Any new concrete used for repairs or alterations to the floor system shall be at a minimum Fc=4,000 psi (27.6 MPa), with heavy aggregate. For any new concrete it shall reach its full 28 day Fc strength before the lift and the anchor bolts are installed.

NOTE 5
Any new concrete used for floor repairs or alterations shall have reinforcing as required by the soil conditions and vehicle load level. The reinforcing shall be determined by others, at a minimum two layers of 6 x 8 10/10 welded wire fabric shall be used for any floor repairs. Also, floor repairs shall be doweled into the existing floor system to prevent differential settlement.

NOTE 6
For installation in existing structures, areas of the floor which are cut and removed for service conduit installations shall be repaired with concrete having minimum strength of not less than Fc=4,000 psi (27.6 MPa), and is at least 9 inches (229) thick in the areas around and to the rear of the service legs.

NOTE 7
For new construction, the areas of the floor along the lift runways should be deepened to 9 inches (229) for ease of anchor installation. Also, provide a minimum 9 inch (229) thickness around and to the rear of the service legs.

NOTE 8
For new construction where in-floor radiant heating tubes are used, these tubes may be placed under the lift area provided the slab is cast sufficiently thick. A minimum of 6 inches (152) clearance should be provided for anchor bolts and drilling allowance. The installer must be notified that radiant tubes are used such that care is taken not to over drill the depth of the anchors.

NOTE 9
The support plates of the continuous base shall not be installed over a construction joint of the floor system. The support base plates shall not be placed nearer than 10 inches (254) to a construction joint or free edge of the floor slab.

NOTE 10
A maximum of one inch (25.4) anchor bolt shim thickness is permitted. Individual anchor bolt shims are available in a range of thicknesses.

NOTE 11
Where more than one inch (25.4) 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.

NOTE 12
In certain cases the floor slab may have adequate strength to support the lift unit but may not be thick enough to provide the minimum embedment depth for the anchor bolts. For this situation epoxy grouted anchor bolts may be used. Contact Mohawk Resources, Ltd. for written approval of epoxy grouted anchors and procedures and approved materials for installing the lift unit.

NOTE 13
Except as described in Note 7, no embedded plumbing, tubing, conduits, or other items, except for unit service legs, shall be closer than 16 inches (406) from any anchor bolt. Also, the service leg conduits shall be installed accurately in the locations shown in the plan and detail view to minimize the effect on the anchorages.

NOTE 14
No anchor bolt shall be installed closer than 10 inches (254) from any free edge or floor joint.

NOTE 15
Provide two, 4 inch (102) SCH 40 PVC pipe as a hydraulic-pneumatic service supply conduit running from the power unit to each service leg.

NOTE 16
Provide 4, 1 inch (25.4) SCH 40 steel conduit 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 17
Temporary caps for all conduits and embedded pipes. It is recommended to leave pull ropes in conduits for ease of lift installation.

NOTE 18
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. Additional expense to the purchaser.

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 (25.4) 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 disconnect box within sight 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
Provide one, 1 inch (25.4) 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. Provide flexible conduit connecting the terminal end of the conduit to the control console.

NOTE 22
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 shut-off 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 23
All floor requirements are based on a concrete slab that is on grade (supported by soil). An above floor type of installation involving a slab not on grade (i.e.—slab supported by piers, second story slab, etc.) must be reviewed & analyzed for suitability by the building architect at the expense of the purchaser.