CUSTOM - ALOUETTE, CA

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>DESCRIPTION</th>
<th>QTY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Pile</td>
<td>of</td>
<td>1</td>
<td>each</td>
</tr>
<tr>
<td>Steel Plate</td>
<td>of</td>
<td>2</td>
<td>each</td>
</tr>
<tr>
<td>Steel Tube</td>
<td>of</td>
<td>5</td>
<td>each</td>
</tr>
<tr>
<td>Metal Core</td>
<td>of</td>
<td>1</td>
<td>each</td>
</tr>
<tr>
<td>Welder Kit</td>
<td>of</td>
<td>1</td>
<td>each</td>
</tr>
<tr>
<td>fishing box</td>
<td>of</td>
<td>4</td>
<td>each</td>
</tr>
<tr>
<td>Anchor Bolt</td>
<td>of</td>
<td>20</td>
<td>each</td>
</tr>
<tr>
<td>Lifting Hooks</td>
<td>of</td>
<td>10</td>
<td>each</td>
</tr>
</tbody>
</table>

**Note:** All materials must be supplied by the lift unit.

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**Required Material List**

- Steel Pile
- Steel Tube
- Steel Plate
- Metal Core
- Welder Kit
- Fishing Box
- Anchor Bolt
- Lifting Hooks

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**MATERIALS SHOWN ON THIS LIST WILL BE USED WITHIN
WATSON RESOURCES LTD.**

**Lift and Drive**

- ALOUETTE CUSTOM
- CUSTOM - ALOUETTE, CA

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**Builder:**

- ALOUETTE CUSTOM

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**Machine Model:**

- CUSTOM - ALOUETTE, CA

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**Additional Notes:**

- All materials listed above are required for the lift unit.
- All required materials must be supplied by the lift unit.
- Lift unit must be used within the Watson Resources Ltd. premises.

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**Contact Information:**

- Watson Resources Ltd.
- 75-00-Aussie
- Lift and Drive
- ALOUETTE CUSTOM

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CONTROL CONSOLE & STUB-UP DETAILS

* NOTE: USE SMOOTH ELECTRICAL 90° IN CONDUITS, NOT PLUMBING 90° II

- "F" (MIN) SCHED 40 STEEL PIPE - ELECTRICAL TO LT
- "C" (MIN) SCHED 40 PVC PIPE - HYDRAULIC & AIR TO LT
- "B" (MIN) SCHED 40 STEEL PIPE - INCOMING AIRLINE
- "A" (MIN) SCHED 40 STEEL PIPE - INCOMING POWER
- 4" INCOMING CONDUITS

CUSTOMER PREFERENCE

OPTIONAL

CONDUIT SIZE & APPLICATION

36 (914) 7 TYP (178)
FRONT OF CONSOLE

32 1/2 (826)
BACK OF CONSOLE

0
BY OTHERS

8 (203)

12 (305)

18 (457)

22 (559)

25 (635)

28 (711)

31 (787)

10 5/8 (270)

1 3/4 TYP (44)

UNITS = INCH (cm)

TOP VIEW OF CONSOLE FRAME
ANCHOR DETAIL: SHIMMING

REPRESENTATIVE HORDING LOCATIONS FOR ANCHOR BOLTS

ANCHOR BOLT LOCATION DIMENSIONS AND DETAILS

ANCHOR BOLT DETAIL

PLACENT OF LEVELING SHIM DETAIL

ANCHOR DETAIL

ANCHOR GOVERNMENT"
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 SIDESWALLS 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, GRANEY 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 INTERFERENCE WITH THE ANCHOR BOLTS USED TO ATTACH THE LIFT UNIT.

NOTE 6
WE-11 FASTENING SYSTEMS, AT WEDGE ANCHORS ARE PROVIDED WITH THE LIFT FOR ANCHORING THE LIFT UNIT TO THE FLOOR SYSTEM. THE NUMBER AND 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 AND APPROXIMATELY 1 1/2 OF CLEARANCE IS PROVIDED ALONG THE SIDES OF THE RUNWAYS.

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

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

NOTE 10
WHERE MORE THAN 1/4 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 LEVELLED 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 LEGS CONDUITS SHALL BE CLOSER THAN 6 INCHES FROM ANY ANCHOR BOLT. ALSO, THE SERVICE LEGS 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 BASIN TO AN OIL-WATER SEPARATOR. THIS PIPE SHOULD SLOPE A MINIMUM OF 1/16 INCH PER FOOT TOWARDS THE TERMINATION.

NOTE 15
PROVIDE TEMPORARY CAPS FOR ALL CONDUITS AND EMBRACED PIPES. IT IS RECOMMENDED TO LEAVE FULL 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 OTHER 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 REQUIRE 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/TAOGOUT ELECTRICAL DISCONNECT BOX MUST BE PROVIDED FOR THE POWER SOURCE. THE LOCKOUT/TAOGOUT 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/TAOGOUT 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 (IE—SLAB SUPPORTED BY FLYON, SECOND STORY SLAB, ETC.) MUST BE REVIEWED & ANALYZED FOR SUITABILITY BY THE BUILDING ARCHITECT, AT THE EXPENSE OF OTHERS.