

ADDENDUM

<u>Addendum No.:</u>	<u>2</u>
<u>Project Name:</u>	<u>New Production Well for Parr Road Treatment Plant</u>
<u>Project No.</u>	<u>2018-011-28</u>
<u>Date:</u>	<u>May 23, 2022</u>
<u>To:</u>	<u>All Bidders</u>

NOTE: This Addendum forms part of the Contract Documents and modifies the specifications and drawings under Bid No. 2022-09, as noted below. Bidders submitting an offer must sign this form, acknowledging receipt of addendum, and supply it with their proposal. Failure to do so will subject the Bidder to disqualification.

REVISIONS TO FRONT END SPECIFICATIONS:

- Remove and replace all of Section 07 “Statement of Bidder’s Qualifications”, with the attached, updated “Statement of Bidder’s Qualifications”.
- Remove and replace, except for the title, the Section 15 “Special Provisions” subsection titled “Experience and Qualifications”, with the following:

Refer to Section 07 “Statement of Bidder’s Qualifications” for minimum qualifications.

REVISIONS TO TECHNICAL SPECIFICATIONS:

- Add the following to Section 40 05 23.24 “Check Valves”

2.3 PUMP CHECK VALVE

A. Description:

1. Hydraulically Activated
2. Control of valve operation shall be by means of an externally mounted, hydraulic pilot system. Valve opens on inlet pressure exceeding discharge pressure with gradual rate of opening to prevent sudden opening surges.
3. Main valve body and cover shall be ASTM A48 cast iron or ASTM A536 ductile iron, with flanged ends. Main valve trim shall be bronze. Pilot control components shall be ASTM B61 bronze or ASTM B283 brass with Type 303 stainless steel trim, and pilot tubing shall be copper. Rubber parts shall be BUNA N synthetic rubber.
4. Protective Coating: Valve body and cover shall be lined and coated with an FDA approved fusion bonded epoxy coating system suitable for use with cast iron or ductile iron. The epoxy coating thickness and application shall be in accordance with AWWA C550. For

potable water service, epoxy lining and coating shall meet with NSF 61 certification.

5. Pressure Rating: Valve shall be suitable for a working pressure of 200 psig.
- B. Manufacturer: Valve shall be manufactured by Cla-Val Co., Newport Beach, CA, without exception. The valve shall be model 81-02.
- Add the attached specification, Section 45 05 23.75 “Deep Well Valves”, to the Technical Specifications.

REVISIONS TO DRAWINGS:

Remove and replace Sheet M-1 “Mechanical Plan” with the attached, revised sheet.

ATTACHMENTS:

- Revised Section 07 “Statement of Bidder’s Qualifications”
- Technical Specification Section 40 05 23.75 “Deep Well Valves”
- Sheet M-1 “Mechanical Plan”, Revision No. 1

I have received, read and incorporated changes, per this addendum, in my proposed bid:

Signature

Date

SECTION 07
STATEMENT OF BIDDER'S QUALIFICATIONS
BID No. 2022-09

All questions must be answered and the data given must be clear and comprehensive. Questions may be answered on separate attached sheets. The Bidder may submit additional information beyond that requested below to document the Bidder's Qualifications. Any information the Bidder desires to keep confidential must be clearly marked.

The statement of Bidder's qualifications must be submitted to the City of Woodburn at the SAME time the bids are due on June 8, 2022 at the City of Woodburn, City Hall Annex at 190 Garfield Street, Woodburn, OR 97071.

Failure to meet the following criteria will result in the submitted bid being designated as non-responsive. All answers must be "Yes" on questions #5 and all information must be provided for all questions presented in this section.

1. Company Name: _____
2. Company Address: _____
3. Company Email: _____ Company Phone: _____
4. Date Organized and Any Prior Company Names: _____
5. Has **the management team within** your company performed construction work on at least two (2) water supply production well buildings projects in the last seven (7) years, with each contract value totaling \$500,000 or more – and of those, one involved a vertical turbine well pump of 50 HP or greater?
(Circle One and Complete)
YES

Name of Project : _____
Client Name and Phone: _____

Name of Project: _____
Client Name and Phone: _____

NO

6. Bidder attests that:
 - a. The person submitting this offer has the authority to submit the offer and to represent Bidder in all phases of this procurement process;
 - b. The information provided herein is true and accurate;
 - c. Bidder is a “resident bidder”, as described in ORS 279A.120 in the State of Oregon, or is a “non-resident bidder” of _____ (insert state) and has not discriminated against any minority, women, or emerging small business enterprises in obtaining any required subcontracts in accordance with ORS 279A.110. Non-resident bidder also agrees to report their participation in this contract, if awarded, to the Oregon Department of Revenue as required by ORS 279A.120 (3).
 - d. Any false statement may disqualify this offer from further consideration or be the cause of contract termination;

- e. Bidder has the appropriate financial, material, equipment, facility, personnel resources, and expertise or the ability to obtain the resources and expertise necessary to meet all contractual responsibilities;
- f. Bidder has an employee drug testing program in place as required by ORS 279C.505 (2);
- g. If awarded a contract, Bidder will notify the City of Woodburn within 30 days of any change in information provided on this form.

The undersigned hereby authorizes and requests any person, firm, or corporation to furnish any information requested by the City of Woodburn in verification if recitals comprising this statement of Bidder's Qualification.

I hereby certify that the answers to the foregoing statements attached hereto including any supplemental data, are true and correct to the best of my knowledge.

BY: _____

Signature

Company Name

Title

Date

SECTION 40 05 23.75

DEEP WELL VALVES

PART 1 GENERAL

1.1 Description

The CONTRACTOR shall furnish and install electrically controlled, diaphragm valves complete, as shown on the drawings and/or specified herein, including coating and lining, appurtenances, operators, and accessories.

1.2 Submittals

As required by Section 01 33 00 - Submittal Procedures.

PART 2 PRODUCTS

2.1 General

- A. Construction -- Valves shall be single seated, globe or angle style as shown on drawings, hydraulically operated and diaphragm actuated. Diaphragm assembly shall be guided top and bottom by a precision machined stem. Resilient valve disc, retained on three sides by disc retainers, shall form a drip-tight seal with a renewable seat when pressure is applied above the diaphragm.

Main valve body and cover shall be ASTM A48 cast iron or ASTM A536 ductile iron, with flanged ends. Main valve trim shall be bronze. Pilot control components shall be ASTM B61 bronze or ASTM B283 brass with Type 303 stainless steel trim, and pilot tubing shall be copper. Rubber parts shall be BUNA N synthetic rubber.

- B. Protective Coating -- Valve body and cover shall be lined and coated with an FDA approved fusion bonded epoxy coating system suitable for use with cast iron or ductile iron. The epoxy coating thickness and application shall be in accordance with AWWA C550.
- C. Valve Control Operating Requirements -- The valves shall be opened or closed in response to the operation of the solenoid pilot controls. The solenoids will receive their electrical signals from a separate control system. The pressure relief function on the Pump-to-Waste Valve shall be fully hydraulically operated. Specific operating conditions and requirements are noted for each valve below.

- D. Accessories shall be furnished with the valve as shown with each valve described below. At a minimum provide the following:
 - 1. Self-cleaning strainer for pilot system
 - 2. Pilot system isolation valves on inlet, outlet, and cover lines
 - 3. Pilot check valves
 - 4. Limit switch indicating if valve is open or closed
- E. Pressure Rating -- Valves shall be suitable for the working water pressure noted below.

2.2 Deep Well Pump Control Valve

- A. The pump-to-waste valve shall be a 6" globe-type Deep Well Pump Control Valve, Cla-Val Model 61-07. Valve shall be 150# flanged for installation as shown on the drawings. Valve shall include a direct-acting pressure relief pilot designed to permit flow through valve when controlling pressure exceeds spring setting. Pressure relief pilot shall be initially set to open the valve when line pressure exceeds 125 psi. Flow through the valve shall be one-way.
- B. Operating Conditions -- Valve shall be open upon initiation of the pump start sequence. The valve shall serve to bypass product to waste for a specified time immediately following the pump start. After the specified time, a signal from the control panel shall initiate the pump-to-bypass valve closing sequence, so that the water may flow to the distribution system zones. At pump shut down, the control panel shall signal the valve to return to the open position. Once the valve is fully open, the pump is signaled to shut off. The valve shall remain open while the pump is off. Depending on final pump selection, the design pump-to-bypass flow is approximately as shown below:

Pump	Pump Operation Discharge (gpm)	Valve Size	Maximum Headloss (psi)	Maximum Flow at Pump Startup (gpm)
P-1	1,200-1,500	6" globe valve	~10	~1,500

- C. Operating Requirements -- Control of the valve operation shall be by externally mounted, four-way, 120V solenoid in a NEMA III enclosure. The valve shall have two operating chambers sealed from each other by a flexible synthetic rubber fully supported diaphragm.
- D. Accessories –
 - 1. Self-cleaning strainer for pilot system.
 - 2. Pilot system isolation valves on inlet, outlet, and cover lines.

3. Needle valves for adjusting opening and closing speed control.
4. Pilot system shut-off cocks.
5. Valve position indicator.
6. Limit switches on valve position indicator to signal when valve is open or closed. Limit switch assemblies shall be provided that are adjustable over entire valve travel. The limit switches shall be double pole, double-throw.

PART 3 EXECUTION

3.1 General

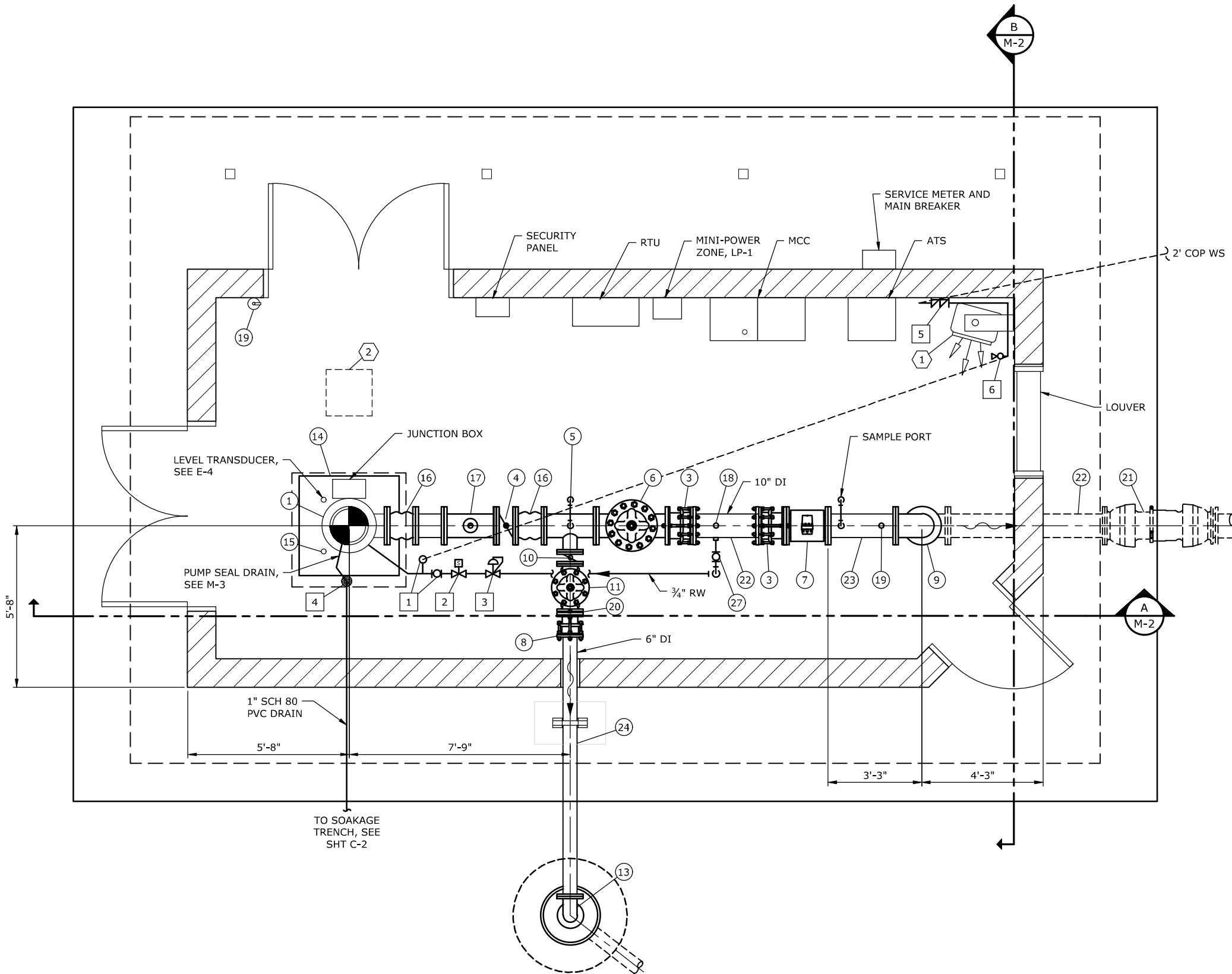
Valve installation shall be in accordance with Section 40 03 23, Common Work Results for Process Valves, and manufacturer's requirements.

3.2 Services Provided by Manufacturer's Representatives

The CONTRACTOR shall provide the services of the valve manufacturer's representative to verify proper installation of the valves and to adjust the valves when construction is complete.

END OF SECTION

G:\PDX_Projects\19\2697 - Woodburn - Parr Road TP Eng. Design And CM Services\CAD\Sheets\19-2697-OR-M.dwg M-1 5/20/2022 10:26 AM NICK.MCFADDIN 23.0s (LMS Tech)



FLOOR PLAN
SCALE: 1/2"=1'-0"

NOTES:

1. ALL POTABLE WATER PIPING AND FITTINGS ARE TO BE SOLDERED COPPER, TYPE K, UNLESS OTHERWISE INDICATED.
2. NIPPLES, ELBOWS, AND MISCELLANEOUS FITTINGS REQUIRED MAY NOT BE SHOWN FOR CLARITY. FURNISH AND INSTALL UNIONS AS SHOWN AND AS NEEDED TO FACILITATE DISASSEMBLY OF PIPE FOR SYSTEM MAINTENANCE.
3. ALL WORK AND EQUIPMENT SHALL BE IN ACCORDANCE WITH STATE OF OREGON MECHANICAL SPECIALTY CODE AND PLUMBING SPECIALTY CODE.
4. ALL PIPING, JOINTS, AND FLANGES TO BE RATED FOR 250 PSI TEST PRESSURE.
5. PIPE SUPPORTS ARE SHOWN IN SOME LOCATIONS. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATION AND NUMBER OF ALL ADDITIONAL SUPPORTS TO PROPERLY SUPPORT PIPING, VALVES, AND EQUIPMENT CONNECTS TO PREVENT DEFLECTION AND STRESSES.

PIPING MATERIAL LIST

- | | |
|--|---|
| <ul style="list-style-type: none"> ① DEEP WELL VERTICAL TURBINE PUMP, PREMIUM EFFICIENCY VERTICAL TURBINE MOTOR W/ CAST IRON FLG DISCHARGE HEAD ② STANDON S89 PIPE SUPPORT, SEE NOTE 5 ③ 10" DISMANTLING JT, FLG ④ 10" BFV, FLG ⑤ 10"x6" TEE, FLG △ ⑥ 10" CHKV, CLA-VAL 81-02, SEE SPECS ⑦ 10" MAG METER, FLG ⑧ 6" DISMANTLING JT, FLG ⑨ 10" 90° BEND, FLG ⑩ 6" BFV, FLG △ ⑪ 6" DEEP WELL PUMP CV WITH PRESS RELIEF, CLA-VAL 61-07, SEE SPECS ⑫ STANDON S92 PIPE SUPPORT, SEE NOTE 5 ⑬ 6" 90° BEND, FLG ⑭ CONC PUMP BASE ⑮ WELL ACCESS PORTS, SEE DET X, SHT X - PROVIDE 1" SCHED 40 PVC CONDUIT THROUGH CONC PUMP BASE FROM ACCESS PORT TO RTU PER ELEC SHTS △ ⑯ 10" FLEX RUBBER CPLG, FLG, METRAFLEX METRASPHERE, OR EQ ⑰ 10"x2" FAB STL TEE, FLG | <ul style="list-style-type: none"> ⑱ 1/2" THREDOLET AND PRESS GAUGE ASSY ⑳ 10LB FIRE EXTINGUISHER, SEE SPECS ㉑ ORIFICE PLATE ㉒ 10" FLEX EXP JT, FLGXMJ ㉓ 10" SPL, FLGXPE, LENGTH AS REQ'D ㉔ 10" SPL, FLGXFLG, LENGTH AS REQ'D ㉕ 6" SPL, FGLXPE, LENGTH AS REQ'D ㉖ 2" DUAL PORT WELL SERVICE AIR VALVE, CLASS 250 - PROVIDE 2" SCHED 40 STL AIR VALVE VENT PIPING, ROUTE TO FLR DR - PROVIDE 1/4" COP DR LINE AT BASE OF VENT PIPING, ROUTE TO FLR DR ㉗ 2" SCHED 40 STL AIR VALVE VENT PIPING W/ INSECT SCREEN, PROVIDE BRACING AS REQ'D ㉘ PROVIDE 1" FOAM PADDING BETWEEN PIPE AND CONC PAD, CAULK TOP OF PENETRATION |
|--|---|

PLUMBING MATERIAL LIST

- ① 3/4" BALL VALVE, TYP
- ② 3/4" SOLENOID VALVE AND FLOW SWITCH
- ③ 3/4" PRESS REDUCING REGULATING VALVE
- ④ 4" ABS RDCR W/ BUSHING ANCHORED TO PUMP PEDESTAL W/ SST EXPANSION ANCHORS & SST METAL CLAMPS
- ⑤ 1" REDUCED PRESSURE BACKFLOW PREVENTOR, SEE SPECS. PROVIDE ASSY WITH 2x1" BV, 2"x1" RDCR, 1"x3/4" RDCR
- ⑥ 3/4" HOSE BIBB, LOCATE PER ENGINEER

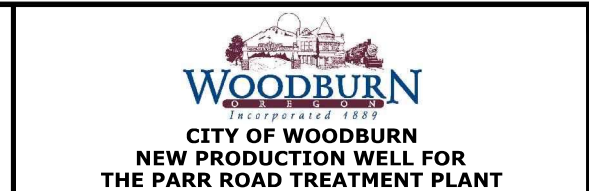
HVAC MATERIAL LIST

- ① WALL-MOUNTED UNIT HEATER WITH INTEGRAL THERMOSTAT, 3.0 KW, QMARK MUH, OR EQUAL, SEE SPECS
- ② ROOF-MOUNTED EXHAUST FAN, 2,300 CFM, 10 SONES MAX, MFR CURB EXTENTION WITH HINGED BASE, GREENHECK G-160, OR EQUAL, SEE SPECS

NO.	DATE	BY	REVISION
1	5/20/22	MLM	ADDENDA

NOTICE
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

LRC DESIGNED
MBE DRAWN
MLM CHECKED



MECHANICAL PLAN			
PROJECT NO.:	19-2697	SCALE:	AS SHOWN
DATE:	MARCH 2022		