

IRON WORKERS LOCAL 399
New Welding Training Facility
Addendum #1
July 11, 2019

Bid Package Clarification and Changes

This Addendum dated July 11, 2019 for the **Iron Workers Local 399 New Welding Training Facility** shall be included as part of the Contract Bid Documents. This Addendum shall supplement and clarify the current Contract Bid Documents.

THIS ADDENDUM CONSISTS OF (6 PAGES).

PLEASE **ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING BELOW AND FAXING BACK IMMEDIATELY TO (856) 396-6205. THIS IS MANDATORY!!** If this fax is unclear, please call (856) 396-6200. If you are not bidding this project, please write "No Bid" and fax this page back. Thank You.

SIGNATURE

COMPANY NAME

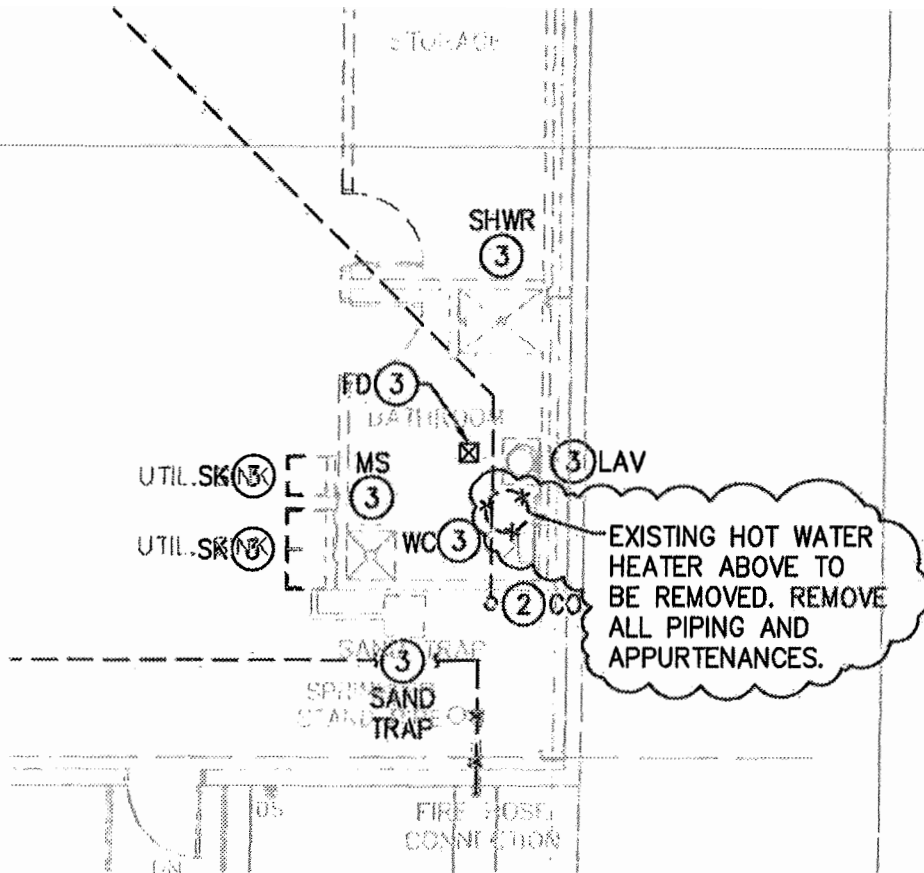
1. The Contractors are required to verify all existing condition, dimensions and areas prior to submitting a responsive / responsible bid. Such site visit shall be for the purpose of familiarizing the Contractor with the conditions as they exist and the character of the operations to be carried on under the Contract Documents, including all existing building & site conditions, access to the site, physical characteristics of the site and surrounding areas. Site visits can be arranged through, Gary Brown, cell phone number is (856) 498-9810.
2. Add the following paragraph in Specification Section 01010 – Summary of Work, Paragraph 1.1. C Item 12: "Alternate Bid #3 delete the Owner furnished WH-1 hood and provide a new sheet metal hood in accordance with the drawings and Specification Section 15860."
3. The Owner will be occupying the office space and building during the work. The Contractor shall maintain Life Safety Systems to allow for Owner occupancy. Any required Life Safety System shut downs must be done on weekends or holidays and shall be coordinated with the Owner.
4. The Owner will pay the permit fees for the building renovations. The Contractor is responsible to pay any permit fees for temporary construction trailer or facilities if they require them.
5. On Drawing A-15, provide ceramic tile item "B" full height. The accent color will be at 3'4" aff.
6. The MC1022 channel on top of the CMU walls can be spliced together using a full penetration weld.
7. The HSS 12 x 6 steel tube can be butted with full penetration welds.
8. The angle L3x3 located at the welding booths can be field welded with full penetration welds. No bolting on site will be allowed.

9. HILTI products of equal or better strength are an acceptable substitution.
10. In Section 15860 Part 2.13, add the following;
 1. Under Alternate Bid #3, contractor shall provide a field constructed hood.
 2. Hood shall be 7'-0" +/- x 13' +/- x 24" deep.
 3. Hood shall have two (2) exhaust connections; 16" dia. each for connection of exhaust fan.
 4. Hood shall be constructed of minimum 20-gauge sheet metal and be per SMACNA requirements.
 5. All edges shall be rounded, no sharp edges. All joints shall be either welded with smooth exterior surface or hood may be connected without welds. For non-welded hoods, all connections shall be internal to form a smooth exterior surface.
 6. Paint hood color selected.
 7. Provide supports to steel similar to base bid.
11. On Drawings M-3 & M-4: For clarification; The exhaust fan EF-1 as shown and specified shall be used for Base Bid and Alternate Bid. The fan that is shown to be provided by Owner (Lincoln Electric Model M18464-26 is not required.
12. On Drawing P-1: Existing hot water heater located above existing bathroom to be removed, **see attached Sketch SKP-1.**
13. On Drawing P-3: Plumbing Note 7 revised, **see attached Sketch SKP-2.**
14. On Drawing P-3: Hot water heater revision, **see attached Sketch SKP-3.**
15. On Drawing P-3: Sanitary risers revised, **see attached Sketch SKP-4.**
16. On Drawing 1/E2, First Floor Power Plan: Coordinate exact location of #DCU-1 ductless split outdoor unit with mechanical drawings. Locate the outdoor weatherproof GFCI receptacle (currently shown adjacent to #DCU-1) at the coordinated #DCU-1 location.
17. On Drawing 1/E3, Enlarged Welding Shop Power Plan: Disregard the cord reel symbol shown adjacent to #WT-1 welding table. Provide cord reels for equipment connections as currently shown in the remarks on the Equipment Connection Schedule on drawing #E6.
18. On Drawing 1/E4, Single Line Diagram: Provide all new distribution and branch panels with integral TVSS surge suppression (see specifications for information).

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JOB IRON WORKERS LOCAL 399
TITLE PLUMBING DEMOLITION PLAN REVISION
SHEET NO. SKP-1
DATE 7/10/2019 JOB NUMBER 5860
SCALE N.T.S.

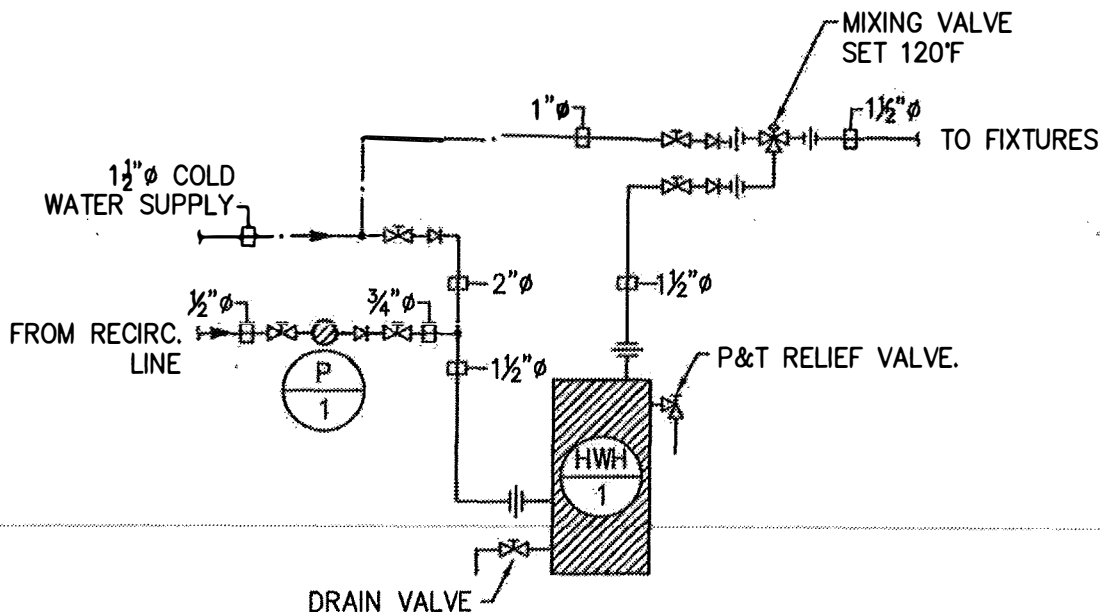


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JOB IRONWORKERS LOCAL 399
TITLE PLUMBING SHEET NOTE REVISION
SHEET NO. SKP-2
DATE 7/10/2019 JOB NUMBER 5860
SCALE N.T.S.

PLUMBING NOTES

- 1 EXISTING TO BE REMOVED, ITEM AS INDICATED. REMOVE ALL SUPPORTS, APPURTENANCES, PIPE AND CONTROLS. REMOVE ALL PIPE TO POINT OF CONNECTION TO MAIN AND CAP MAIN OR TO BEHIND FINISHED SURFACES. PATCH AND RESTORE ALL EXISTING SURFACES TO MATCH EXISTING. VERIFY ALL CONDITIONS IN FIELD.
- 2 EXISTING TO REMAIN. PROTECT DURING CONSTRUCTION. VERIFY ALL EXISTING CONDITIONS IN FIELD, ITEM AS INDICATED.
- 3 EXISTING PLUMBING FIXTURE AND ALL PIPE AND APPURTENANCES TO BE REMOVED. VERIFY ALL CONDITIONS IN FIELD.
- 4 EXISTING SANITARY PIPE TO REMAIN.
- 5 REMOVE EXISTING DOMESTIC WATER PIPE.
- 6 EXISTING GAS PIPE TO REMAIN.
- 7 EXISTING GAS METER TO BE REMOVED AND REPLACED WITH NEW GAS METER PER GAS COMPANY REQUIREMENTS.
- 8 REMOVE EXISTING FLOOR SLAB AND CONNECT EXISTING SANITARY LINE TO NEW SANITARY LINE. VERIFY SIZE AND LOCATION IN FIELD.
- 9 CONNECT NEW DOMESTIC WATER TO EXISTING DOMESTIC WATER PIPE FROM WELL. VERIFY EXISTING PIPE AND REPAIR PIPE AND PROVIDE SHUTOFF VALVES.



DOMESTIC HOT WATER HEATER PIPING DETAIL

SCALE: NO SCALE



NEW GAS FIRED DOMESTIC HOT WATER HEATER. BRADFORD WHITE LG2PDV75H803N, 75 GALLON STORAGE, 80,000 BTU/HR INPUT W/ 3"Ø PVC VENT & 3"Ø INTAKE. POWER EXHAUST & CONCENTRIC VENT KIT, P&T RELIEF VALVE.



DOMESTIC HOT WATER RECIRCULATION PUMP, B&G 1/2 HP, W/ AQUASTAT & TIMER

SIZING CALCULATION FOR EMERGENCY SHOWER:

DOMESTIC HOT WATER HEATER SIZE BASED ON EMERGENCY SHOWER @ 20GPM & 15 MINUTES = 300 GALLONS OF WATER. TO MAINTAIN 120°F; WATER IN TANK & BLEND 120°F WATER & 60°F WATER TO PROVIDE 80°F TEPID WATER TO SHOWER. HOT WATER HEATER HAS 100 GALLON RECOVERY RATE FIRST HOUR.

CALCULATION FOR WATER VOLUME:

2"Ø CW LINE 0.18 GALS/FT x 180FT±	=	33 GALLONS
EXISTING WELL ASSUMED FLOW: 15 GPM x 15 MIN.	=	225 GALLONS
TOTAL:		258 GALLONS
WATER HEATER STORAGE:		75 GALLONS
TOTAL: AVAILABLE WATER FOR 20 MIN.		333 GALLONS
TOTAL REQUIRED: AVAILABLE WATER FOR 20 MIN.	=	300 GALLONS

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JOB IRON WORKERS LOCAL 399
TITLE SANITARY RISER DIAGRAM REVISIONS
SHEET NO. SKP-4
DATE 7/10/2019 JOB NUMBER 5860
SCALE N.T.S.

