



July 26, 2011

ADDENDUM NO. 3
CITY OF FREEPORT – FREEPORT WATER AND SEWER
COMMISSION
WATER PRODUCTION WELL No. 9 & No. 10
And
WELL HOUSE No. 9 & No. 10
Freeport, Illinois
Project No. 48641B

This Addendum shall include the following Clarifications, Additions, Changes, and Deletions to the contract documents, specifications, and plans.

Clarifications:

1. Plan Sheet 4 of 16 - The dimension distance of the exterior windows has been corrected. The dimensions shown for the three (3) exterior windows (Key Note No. 4) should read: 2'-8"

Addition:

1. Plan Sheet 4 of 16 - Key Note No. 12 has been revised to add the window height. The key note should read: 30" X 96" FIXED GLASS WINDOW WITH ALUMINUM FRAME
2. Plan - Sheet 6 of 16, Typical Wall Section Detail. The wood truss spacing has been added to the note. The Wood Truss (located at the ceiling) notes should read: WOOD TRUSS @ 24" MAX CTS
3. Plan - Sheet 6 of 16. The following notes shall be added to the General Notes section:

o WOOD – CARPENTRY

STRUCTURAL FRAMING SHALL BE ANY SPECIES AND GRADE FACTORY MARKED, COMPLYING WITH THE FOLLOWING STRESS RATINGS:

2X6'S TO 2X12'S

Fb = 1200 PSI (Fb-rep = 1400 PSI)

Ft = 825 PSI

Fc = 385 PSI (PERPENDICULAR TO GRAIN)

Fc = 1050 PSI (PARALLEL TO GRAIN)

Fv = 95 PSI

E = 1,600,000 PSI

WOOD TRUSSES SHALL COMPLY WITH NFPA'S NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND THE TRUSS PLATE INSTITUTE'S LIGHT METAL PLATE CONNECTED WOOD TRUSSES.

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WOOD TRUSSES OR JOISTS SHALL BE Laterally supported at 8'-0" centers. Also, provide temporary supports and bracing as required.

Concentrated loads from building components shall be applied to truss at panel points only.

Submit shop drawings of wood trusses for approval and include calculations and seal of registered structural engineer in Illinois.

The contractor shall take the necessary measures to support or brace any portions of the building until the entire structure is complete.

The roof shall be 5/8" CD exterior glue structural 1 grade plywood w/ 10d nails 6" o/c at panel edges.

o LOADS

Trusses shall be designed for the following:

TOP CORD: 10 psf DL & 30 psf LL BOTTOM CORD: 10 psf DL

Trusses shall be designed for HVAC system shown on sheet 14 of 16 and at location shown on roof framing plan.

4. Plan Sheet 12 of 16, Chain Link Fence & Post Footing Details - Three (3) stands of barb wire have been added to the top of the fence detail. The top strand of wire shall be 12" above the top rail. The fence post shall include an angled bare wire braces.
5. Plan Sheet 12 of 16, Double Swing Gate Detail - Three (3) stands of barb wire have been added to the top of the gate detail. The top strand of wire shall be 12" above the top rail. The fence post has been extended to accommodate the bare wire.

Changes:

1. Plan Sheet 4 of 16 - Key Note No. 2 has been revised to include stainless steel panic hardware for the door in the chemical room. The key note should read: 6'-0"x7'-0" DOUBLE INSULATED METAL DOORS WITH STAINLESS STEEL PANIC HARDWARE, ONE LEAF FIXED, AND TOP MOUNTED CYLINDER CLOSER. ALL DOORS TO HAVE LOCK AND MASTER KEY. PROVIDE HANDICAPPED APPROVED HARDWARE. PROVISIONS MUST BE MADE WITH THE DOOR TO ALLOW FOR A FLUSH DESIGN WITH THE EXTERIOR FACADE. THE DOOR FRAME AND HINGES ARE TO BE ALIGNED TO ALLOW THE DOOR TO SWING FULLY OPEN AND LAY FLAT AGAINST THE FACADE.
2. Plan Sheet 6 of 16 - Typical Wall Section Detail. The bearing plate size has been revised to accommodate the wall thickness. The Bearing Plate (located on top of the face brick and CMU) note should read: 2x12 BEARING PLATE WITH 2 - 1/2" DIA. ANCHOR BOLTS 5 FT. C-C
3. Water Production Well No. 9 & 10 Specifications, Page 2672, Section 2.01 - The discharge head outlet diameter has been revised to match the column pipe diameter. The discharge head outlet should read: 10"

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4. Plan Sheet 7 of 16 - The discharge pipe diameter from the well discharge outlet (Well No. 9) to the 10" tee fitting has been changed to 10".
5. Plan Sheet 7 of 16 - Key Note No. 10 has been revised with the new the model number. The key note should read: 10" PROPELLER METER, METER TUBE, AND TOTALIZER, SPARLING FM104-101-110-0, OR EQUAL.
6. Plan Sheet 7 of 16 - The key note circle number for the meter from the submersible well (Well No. 10) has been changed to No. 36. Key Note No. 36 has been added to the key notes and should read: 8" PROPELLER METER, METER TUBE, AND TOTALIZER, SPARLING FM104-081-110-0, OR EQUAL.
7. Plan Sheet 7 of 16 - Key Note No. 8 has been revised to include a solenoid control. The key note should read: HYDRAULICALLY OPERATED CONTROL VALVE. WATTS ACV CONTROL VALVE WITH MECHANICAL LIFT-CHECK, OR EQUAL. SOLENOID CONTROL WITH LIMIT SWITCH.
8. Plan Sheet 12 of 16, Chain Link Fence & Post Footing Details - The top rail note has been revised to remove the 4" red tubing. The top rail note should read: 1 5/8" OD TOP RAIL.
9. Water Production Well No. 9 & 10 Specification, Page 2672, Section 2.11 - The suction pipe diameter and length has been revised. This section should read: TEN FEET OF 10 INCH DIAMETER SUCTION PIPE WITH GALVANIZED STRAINER SHALL BE PROVIDED AND INSTALLED. THE SCREEN SHALL HAVE A NET INLET AREA EQUAL TO AT LEAST THREE TIMES THE SUCTION PIPE AREA.

Deletion:

1. Plan Sheet 7 of 16 - The 8"x10"eccentric reducer (west side of the 10" tee fitting) has been removed from this 10" pipe. (Pipe diameter change noted above in Change-No. 4)
2. Plan Sheet 12 of 16, Chain Link Fence & Post Footing Details - The following general notes within this detail have been deleted:

o PIPE SIZES

POSTS FOR BACKSTOP HEIGHTS UP TO 16 FT: USE 3 IN. O.D.
TOP, INTERMEDIATE, AND BOTTOM RAILS: 1 5/8 " IN. O.D.

o FENCE MATERIAL

FABRIC SHALL BE CHAIN LINK WITH GALVANIZED COATING OR
ALUMINIZED. (OPTIONAL POLYVINYL CHLORIDE COATED STEEL.) LINE
FENCE POSTS SHALL BE SPACED 10'-0" O.C.

o POST MATERIAL

POSTS SHALL HAVE GALVANIZED COATING, FINISHED YELLOW. (OPTIONAL
POLYVINYL CHLORIDE COATED STEEL.) CORNER END POSTS SHALL BE 3"
O.D. LINE POSTS SHALL BE 2-1/2" ROUND O.D.

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**This Addendum consists of four (4) pages.
This Addendum must be returned with the Contractors bid.**

Each bidder shall confirm, in writing, via fax (815 562 4233) that they have received this addendum.

This ends the requirements of this addendum.

This Addendum No. 3 has been prepared by:


Terry M. Heitkamp, P.E.
Project Engineer



Contractor

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