

## ADDENDUM NO. 2

To: All Plan Holders of Record and Interested Parties

Project: Clinton County Government  
Dewitt Annex – 2012 Renovations  
IIW Project No.: 11176-01

Issue Date: Monday, July 30, 2012

Bids Due: **2:00 PM, Friday, August 3, 2012**

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The following additions, revisions, corrections, and clarifications contained herein shall become part of the Construction Contract Documents for the Project, and shall be included in the Scope of Work and Bid Proposals to be submitted. References made below to Specifications and Construction Drawings shall be used as a general guide only. Bidders shall determine for themselves the full scope of work affected by the Addendum items.

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The following Addendum is part of the Construction Contract Documents dated July 13, 2012.

This Addendum consists of the following:

Addendum No. 2, 4 Pages  
Specification Section 262727 Occupancy Sensors, 3 pages  
Addendum Drawings (3 Total): P/AD2-1 thru P/AD2-3  
Plan Holders List, 1 Page

### CHANGES/CLARIFICATION TO SPECIFICATIONS:

1. APPROVED MANUFACTURERS: The approved manufacturer is solely responsible for furnishing work which meets the design, performance, service and appearance criteria established by the specifications, and the Architect's decision will be final.
  - a. SECTION 087100, 2.1.A.1: Hagar
  - b. SECTION 233300, 2.4,A.1: United Enertech
  - c. SECTION 233400, 2.3,A.1: ACME, PennBarry
  - d. SECTION 238126, 2.1,A: EMI
2. SECTION 061000 2.1.A: Delete paragraph in its entirety.
3. SECTION 087100 2.5.A.1:
  - a. (b): Change to read: "Finish: Painted Finish, Aluminum Color".
  - b. Add (c) to read- "Material: Metal. Plastic cover not allowed".
4. SECTION 087100 3.7:
  - a. Set 2: Change "Entrance Function" to "Storeroom Function".
5. SECTION 088100 2.2.2: Change to read: "Safety glazing as required to meet requirements for wall construction. Wired glazing is not allowed."

6. SECTION 260533: Add the following paragraphs:

2.12 DUCT BANKS

A. Duct banks shall meet the following minimum requirements and shall meet any additional applicable Utility Company Requirements:

a. DEPTH

i. The top of the ductbank shall be no less than 40" below grade.

b. CONCRETE

i. Concrete used throughout shall be ready mixed concrete furnished by an approved mixing plant. The plant shall comply with the requirements of National Ready Mixed Concrete Association certification plan.

ii. The concrete mix used with type Schedule 40 heavy wall conduit shall be 3000 psi minimum, 3/4" aggregate, 5" to 6" slump.

iii. The concrete mix used with type EB-20 (TC-6), or type EB-35 (TC-8) thin wall conduit shall be 2500 psi minimum, 3/8" aggregate, 7" to 8" slump.

iv. The slump should be just enough to allow the mix to flow to the bottom of the formation and yet not be so wet as to cause the ducts to float.

v. Encase duct with 3 in. minimum of concrete on top, bottom, and sides with top of duct bank troweled to a crown to prevent pooling of water.

c. REINFORCING STEEL

i. Provide reinforcing steel the entire length of the duct system, four - #4 bars - one in each corner, minimum, or as shown on the drawings. Tie or dowel the reinforcement steel into the connecting walls of manholes, vaults and buildings, etc. to protect against vertical shearing.

d. CONDUIT PLACEMENT

i. Install spacers as recommended by conduit manufacturer and requirements stated above, but not to exceed a maximum of 6 ft-0 in. on center for PVC conduit and 8 ft-0 in. on center for steel conduit. Bottom spacers shall rest on 8" X 16" X 2" minimum concrete pads to prevent them from sinking into the ground and reducing the bottom concrete cover. Stagger conduit joints in concrete encasement 6 in. minimum horizontally.

7. SECTION 262727: Replace with revised Specification Section 262727.

**CHANGES TO DRAWINGS:**

1. SHEET P1.1:

a. Add Keyed Note 4. Refer to drawing P/AD2-1.

b. Modified Underfloor Plan to include the new 2" water service and replacement of existing sanitary sewer that is in poor condition. Refer to drawing P/AD2-1.

c. Modified Floor Plan to reflect changes required by change in water service size. Refer to drawing P/AD2-2.

- d. Add the following as a general Note to Underfloor Plan:
  - i. Plumbing Contractor is responsible for piping a new 2" water service from the existing 12" water main in 11<sup>th</sup> Street. Plumbing Contractor is responsible for installing all piping, valves, and accessories per the City Of Dewitt, Iowa water utility requirements. Plumbing Contractor is responsible for all cutting and patching of asphalt and concrete. Refer to drawing E1.0 for site conditions.
  
- 2. SHEET P8.1:
  - a. Modified RPBP-1 in the Plumbing Fixture Schedule. Refer to drawing P/AD2-3.
  - b. Modified detail 2/P8.1. Refer to drawing P/AD2-3.
  
- 3. SHEET E0.1 – SYMBOLS, ABBREVIATIONS AND SCHEDULES:
  - a. ADD "ELECTRIC DOOR HARDWARE" to the Load Served Column of Circuit 43 of Panel Schedule 1A.
  - b. REVISE Panel A1 AIC Rating from "22,000AIC" to "22,000AIC (SERIES RATED)".
  
- 4. SHEET E1.0 – SITE PLAN:
  - a. REVISE Utility Conduit routing as follows:
    - i. Route conduits shown on the site plan straight plan north to the Utility Easement in lieu of the routing shown on the site plan. Coordinate with Alliant Energy to locate a new electrical service/transformer pole straight north of the building service entrance.
      - 1) Verify location of CATV and Telephone services prior to excavation.
      - 2) Verify final location of new service/transformer pole with Alliant prior to excavation.
  - b. Add the following as General Notes:
    - i. 2. Encase the Electrical and CATV/Telephone conduits shown on the Site Plan in a Concrete Ductbank. Coordinate further requirements with Utilities. Provide separation between Power and CATV/Telephone conduits as required by Utilities.
  
- 5. SHEET E1.1, Power and Systems Plan:
  - a. REVISE the routing of conduit shown from IT Room 114 to the attic space above Corridor 106 to route via the soffit provided over Corridor 111 and Workspace 107. REVISE the note on this conduit to read as follows: (2) 2" CONDUIT FROM 114 TO ATTIC SPACE ABOVE CORRIDOR 106. CONDUIT SHALL BE ROUTED IN SOFFIT PROVIDED OVER CORRIDOR 111 AND WORKSPACE 107. SPACE FOR CONDUIT SHALL BE CLOSELEY COORDINATED WITH OTHER CONTRACTORS UTILIZING THIS SOFFIT FOR ROUTING.
  - b. ADD the following wording to Keyed Note 1. EC SHALL ALSO PROVIDE 120V POWER FOR ELECTRIC DOOR HARDWARE. CIRCUIT ALL ELECTRIC DOOR HARDWARE TO 1/A-43.

6. SHEET E8.1 – DETAILS:
- a. REVISE MDP/1 Feeder to be “(2) SETS OF (4)#3/0 Cu, (1)#2 Cu GND IN 2” CONDUIT”.
  - b. REVISE MDP/1 AIC rating from “42,000AIC” to “22,000 AIC Fully Rated”.
  - c. ADD A/1 Feeder Sizing to read “(4)#2 Cu, (1)#8 Cu GND in 1 ¼” CONDUIT”.

Sincerely,

A handwritten signature in blue ink, appearing to read "Michael A. Ruden", with a horizontal line extending to the right.

Michael A. Ruden, AIA, NCARB, LEED AP  
Chief Operations Officer & Architect

It is required to acknowledge this addendum on the Bid Proposal Form.

**END OF ADDENDUM NO. 2**

## SECTION 262627 - OCCUPANCY SENSORS

### PART 1 - GENERAL

#### 1.1 RELATED REQUIREMENTS

- A. Applicable requirements of Division 00 and Division 01 shall govern work in this section.

#### 1.2 SCOPE

- A. Provide occupancy sensors for the automatic control of the lighting in building spaces as shown on the drawings and as specified herein.

### PART 2 - PRODUCTS

#### 2.1 ACCEPTABLE MANUFACTURERS

- A. Watt Stopper,
- B. Hubbell/Unenco ,
- C. Listing of a manufacturer does not guarantee approval. Manufacturers must meet requirements listed below to be considered acceptable.
- D. All occupancy sensors shall be hardwired type; battery type shall not be permitted. All devices shall be WHITE

#### 2.2 WALL MOUNTED (Wall Switch Type)

- A. The sensor shall use either passive infrared or, if dual technology, passive infrared and ultrasonic sensing for detecting room occupancy. The unit shall fit in/on a standard single gang switch box and require only two wires and a grounded box for operation.
- B. Rated capacity: 600 watts minimum at 120 volts, 60 Hz; Sensitivity shall be user adjustable or self adjusting type.
- C. The delay timer shall be adjusted 20 minutes by the contractor in the field. The sensor shall have a test mode for performance testing.
- D. The off switch shall have manual override for positive off and automatic on.
- E. The test LED shall indicate motion.
- F. The area of coverage shall be approximately 180 degrees by 35-40 feet.

- G. The unit shall have a five year warranty.

2.3 CEILING MOUNTED (Refer to Symbol List for plan designations)

- A. The sensor shall use either passive infrared or, if dual technology, passive infrared and ultrasonic technology for detecting room occupancy. The unit shall fit in/on a standard octagon box.
- B. Ceiling mounted sensor shall have built-in photocell/daylight override option to keep lights off if enough ambient light is present – refer to symbol list on the plans.
- C. Sensing device may be separate from switching relay. Switching relay shall include control power transformer. Power transformer/switching relays are not shown on plans. Provide in quantities as required and locate above accessible ceilings near sensing device. Relay contacts shall have a rated capacity of 20 amps at 120 or 277 volts, for fluorescent lamps.
- D. Sensitivity shall be user adjustable or self adjusting type.
- E. The delay timer shall be adjusted to 20 minutes by the contractor in the field. The sensor shall have a test mode for performance testing.
- F. The coverage area shall be 360 degrees by approximately 15 feet radius when mounted at 9 foot height (for passive infrared technology) or 20' height (for dual technology sensors)
- G. The sensor shall have provisions, such as masking, to block out problem areas.
- H. Test LED to indicate motion.
- I. The unit shall have a five year warranty.

2.4 CEILING/CORNER WITH BRACKET (Refer to Symbol List for plan designations)

- A. The sensor shall use either passive infrared or, if dual technology, passive infrared ultrasonic sensing for detecting room occupancy. The unit shall fit in/on a standard octagon box.
- B. Sensor shall have built-in photocell/daylight override option to keep lights off if enough ambient light is present – refer to symbol list on the plans.
- C. When ceiling mounted at ten feet AFF, the sensor shall have asymmetric, forward throw, long range coverage 90'-0" from the device. The sensor shall have provisions, such as masking to block out problem areas.
- D. Sensing device may be separate from switching relay. Switching relay shall include control power transformer. Power transformer/switching relays are not shown on plans. Provide in quantities as required and locate above accessible ceilings near sensing device. Relay contacts shall have a rated capacity of 20 amps at 120 or 277 volts, for fluorescent lamps.
- E. The sensitivity shall be adjustable.

- F. The delay timer shall be adjusted to 20 minutes by the contractor in the field. The sensor shall have a test mode for performance testing.
- G. The test LED shall indicate motion.
- H. The unit shall be UL or ETL approved.
- I. The color shall be white.
- J. Provide with manufacturer's supplied ceiling mounting bracket and associated swivel mounting bracket.
- K. The unit shall have a three year warranty.
- L. The coverage area shall be 120 degrees with a 40 foot radius when mounted on a 20 foot ceiling.
- M. The sensor shall have provisions, such as masking, to block out problem areas.
- N. Sensitivity and time delay settings shall be initially set for maximum sensitivity and longest time delay.

### PART 3 - EXECUTION

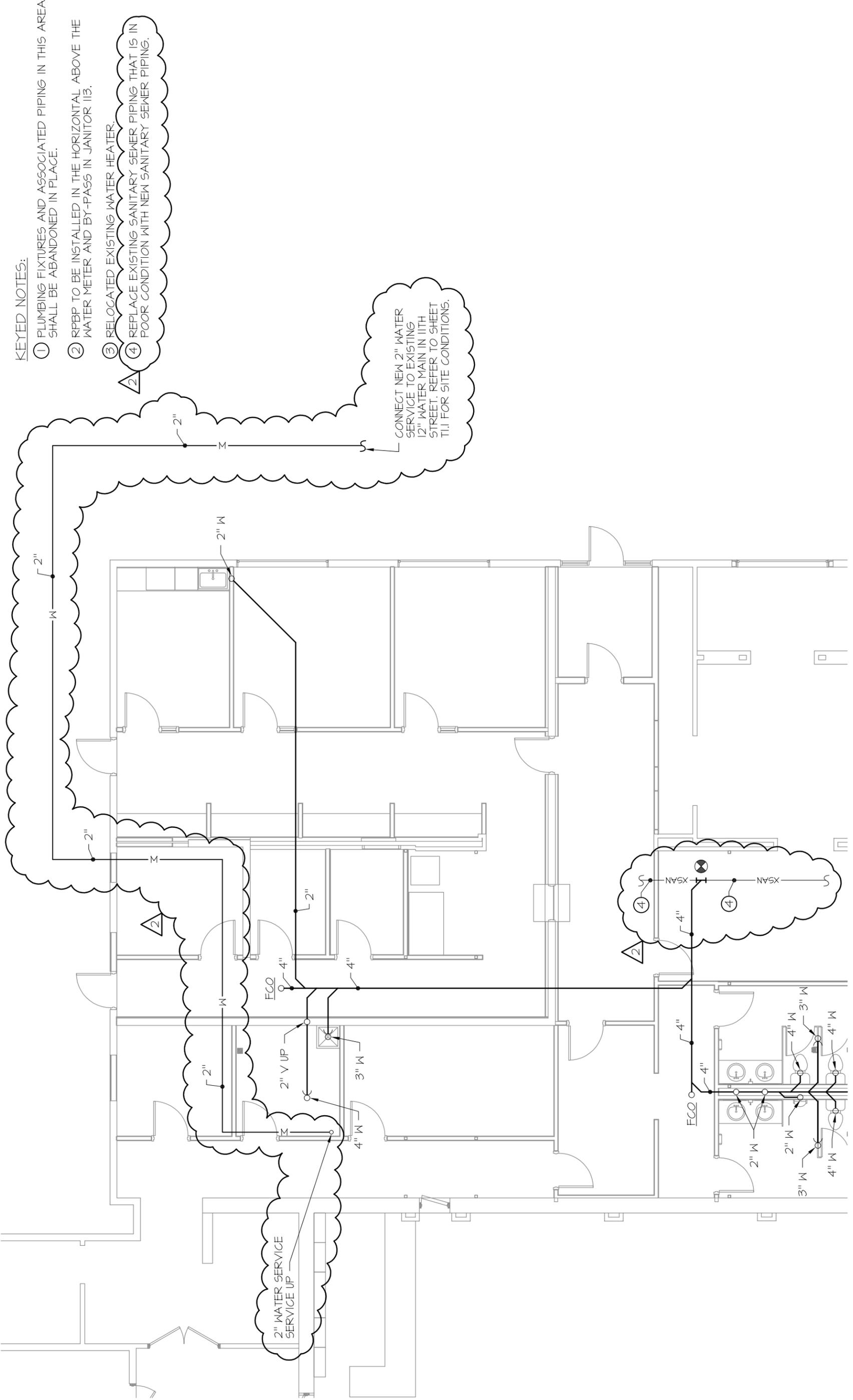
#### 3.1 GENERAL

- A. Occupancy sensors are to control the lighting fixtures in the rooms shown on the drawings. Adjust the sensitivity to reduce nuisance operation.
- B. Low voltage wiring for this system may be installed exposed above accessible ceilings, in attic or in wall cavities.. Exposed cable shall be supported at 5 foot minimum intervals using bridal clamps or tie wraps.
- C. Ceiling mounted occupancy sensors and adjustable wall mounted occupancy sensors have circuit switching relay packs that are separate from the sensors. These relay packs are not shown on the floor plans. They are to be located above accessible ceilings in the areas served and are to be provided in the quantities required to achieve the control requirements indicated on the floor plans.

END OF SECTION 262727

**KEYED NOTES:**

- ① PLUMBING FIXTURES AND ASSOCIATED PIPING IN THIS AREA SHALL BE ABANDONED IN PLACE.
- ② RBPB TO BE INSTALLED IN THE HORIZONTAL ABOVE THE WATER METER AND BY-PASS IN JANITOR I13.
- ③ RELOCATED EXISTING WATER HEATER.
- ④ REPLACE EXISTING SANITARY SEWER PIPING THAT IS IN POOR CONDITION WITH NEW SANITARY SEWER PIPING.



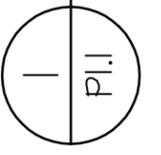
CONNECT NEW 2" WATER SERVICE TO EXISTING 12" WATER MAIN IN I11H STREET. REFER TO SHEET T1.1 FOR SITE CONDITIONS.

2" WATER SERVICE SERVICE UP



**1 UNDERFLOOR PLAN**

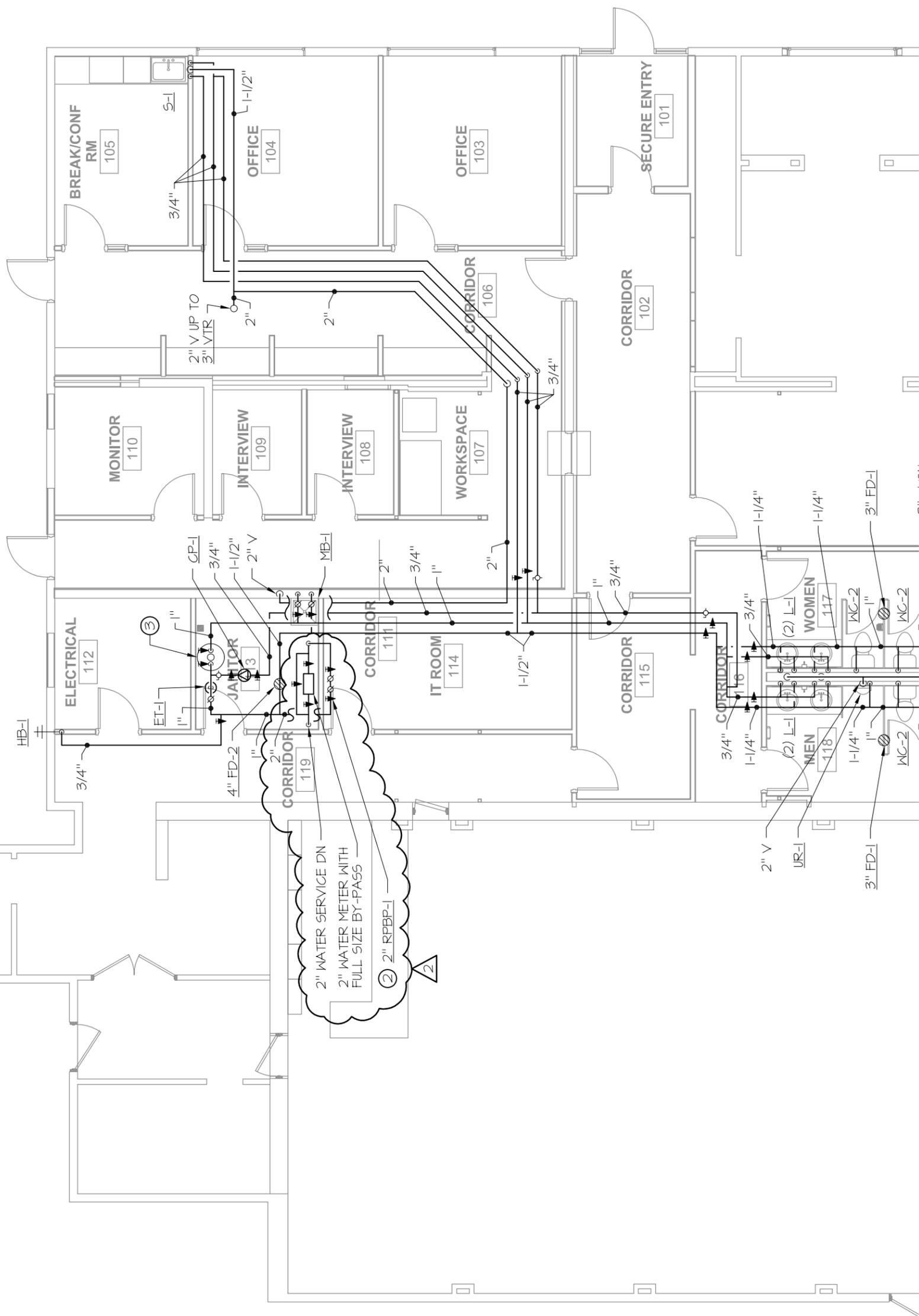
SCALE: 1/8" = 1'-0"



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Project Description: **UNDERFLOOR PLAN**  
**DEWITT ANNEX - 2012 RENOVATIONS**

Addendum Drawing Issue Information:  
 Drawing No: P/AD2-1  
 Sheet: 1 OF 3  
 Date: 07/30/12  
 Drawn By: A&O  
 Project No: 11176-01



# 2 FLOOR PLAN

SCALE: 1/8" = 1'-0"

2  
P.I.



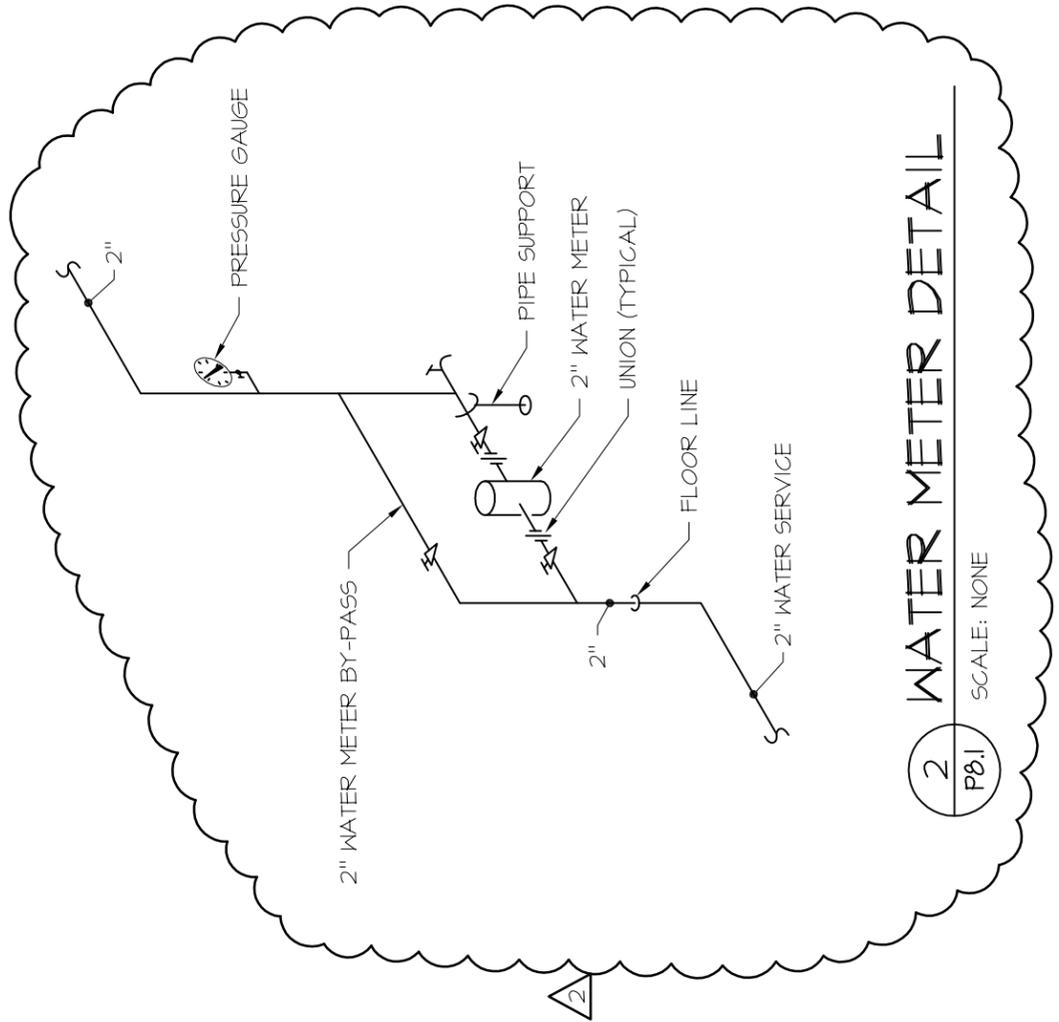
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Project Description: **FLOOR PLAN**  
**DEWITT ANNEX - 2012 RENOVATIONS**

Addendum Drawing Issue Information:  
 Drawing No: P/AD2-2  
 Sheet: 2 OF 3  
 Date: 07/30/12  
 Drawn By: A&O  
 Project No: 11176-01

# PLUMBING FIXTURE SCHEDULE

DEVICE NO.	MANUF.	MODEL NO.	DESCRIPTION
HB-1	WOODFORD	6T SERIES	EXPOSED AUTOMATIC DRAINING HOSE BIB WITH INTEGRAL VACUUM BREAKER, 3/4" HOSE THREAD NOZZLE, AND LOOSE TEE KEY
RPBP-1	WATTS	909MIQT-5 909-AG	2" REDUCED PRESSURE ZONE BACKFLOW PREVENTER WITH QUARTER-TURN, FULL PORT, BALL VALVE SHUT-OFFS, BRONZE STRAINER AIR-GAP FITTINGS



**2** WATER METER DETAIL

SCALE: NONE

# IIW Planholders List

## Clinton County Government - Dewitt Annex – 2012 Renovations

**Project Team:** Mark Fassbinder, Mike Ruden

**Bid Date:** 8/3/2012

**Engineer's Estimate:**

**Alternate A:**

**Bid Time:** 2:00 p.m.

**Alternate B:**

**Addenda:** 2

**Alternate C:**

**Project No:** 11176 - 01

<i>Company</i>	<i>Mailing Address</i>			<i>Phone</i>	<i>Fax</i>
<b>IIW Testing Dept.</b>					
<b>IIW Survey Dept.</b>					
Bush Construction	5401 Victoria Avenue	Davenport	IA 52801	563-344-3791	563-344-3792
Bzzzy "B" Properties	333 S. 18th Street	Clinton	IA 52732	563-503-1971	
Const. Update Plan Room	645 32nd Ave. SW, Ste C	Cedar Rapids	IA 52404-3907	(319) 369-4848	(319) 369-4809
DeWitt Electric, Inc.	P.O. Box 185	DeWitt	IA 52742	(563) 659-8131	(563) 659-9509
Domestic Plumbing	P.O. Box 875	Clinton	IA 52732	563-242-0022	563-242-2036
Drury Electric (Trenkamp)	PO Box 184, 21 Ctry Rd	Miles	IA 52064	563-682-7944	563-682-7608
Dubuque Builders Exchange	801 Cedar Cross Road	Dubuque	IA 52003	(563) 583-8459	(563) 582-6113
G.L. Stockham & Son, Inc.	104 North Otto St.	Maquoketa	IA 52060	(563) 652-2742	(563) 652-5865
Giese Sheet Metal	2125 Kerper Blvd.	Dubuque	IA 52001	(563) 588-2023	(563) 556-8422
Hafner Bros Construction	802 10th Street	DeWitt	IA 52742	563-659-3109	563-659-1731
Hartz Lock Co.	200 North 2nd St.	Clinton	IA 52732	(563) 242-4434	(563) 242-8173
Hoist Construction	208 11th Street	DeWitt	IA 52742	563-659-5589	563-659-3764
Hughes Painting	2351 165th Street	Delmar	IA 52037	563-659-9776	
Illowa Builders Exchange	520 24th Street	Rock Island	IL 61201	(309) 788-9260	(309) 794-3965
Jansen Electric Inc.	P.O. Box 94	DeWitt	IA 52742-0094	(563) 659-1100	(563) 659-1100
Johnstone Supply	steve.landreth@johnstone supply.com				
Leslie Electric	P.O. Box 644	Clinton	IA 52732	563-242-2868	563-242-2780
Moehr Painting	P.O. Box 111	Goose Lake	IA 52750	563-357-2431	563-682-7549
Opening Specialists Inc.	735 Century Dr.	Dubuque	IA 52002	(563) 583-8082	(563) 583-8262
Payne & Associates	2041 Lincolnway	Clinton	IA 52732	563-259-1048	563-259-1636
Preferred Electric	2392 16th Street NW	Clinton	IA 52732	563-242-8604	
Russel & Aaron Soenksen Const.	1426 17th Street	DeWitt	IA 52742	563-659-5669	563-659-5669
Sheets Design Build	18284 Hwy. 64 West	Maquoketa	IA 52060	(563) 652-8399	(563) 652-8523
Swanson Construction	3400 Towne Pointe Dr.	Bettendorf	IA 52722	563-332-4859	
Tietjens-Lockhart Const.	622 South 1st St.	Clinton	IA 52732	(563) 243-6362	(563) 243-1135
Tricon Construction	2245 Kerper Blvd., STE 2	Dubuque	IA 52001	(563) 588-9516	(563) 588-9519