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tel 847 241 6100 fax 847 241 6105 mail@woldae.com To: Prospective Bidders

From: Wold Architects and Engineers

Date: July 30, 2014

Comm. No: 133024

Subject: Addendum No. 3 for Bidding Documents for the: Courthouse Renovations Phase I & II

BIDS DUE AUGUST 19, 2014 AT 1:30 P.M. ***NOTE CHANGE OF BID DATE***

This addendum forms a part of the Contract Documents dated July 3, 2014. Acknowledge receipt of this Addendum on the space provided on the Bid Form. Failure to do so may result in disqualification of Bid.

This Addendum consists of five (5) typed sheets and the following attachments:

Specification Section 09 72 00 Wallcovering; Sheets A0.10, A1.11, A3.01, A3.02, A4.11, AD1.11, M0.01, M0.11, M1.01, M1.11, M2.11, MP1.11, E1.1, E3.0, E3.1, E6.0, E7.0; Details of Construction 42002, 42004, 42015, 42016, 42017, 42018, 42020, 42021, 42022, 42023, 42024, 42109, 43005, 43006, 43007, 43105.

PROJECT MANUAL

1. SECTION 00 11 13 ADVERTISEMENT FOR BIDS

A. At the final paragraph revise Phase 1 substantial completion date to "January 5, 2015" and Phase 2 substantial completion date to "May 15, 2015."

2. SECTION 00 41 13 BID FORM

A. At item number 2 revise Phase 1 substantial completion date to "January 5, 2015" and Phase 2 substantial completion date to "May 15, 2015."

3. SECTION 01 11 00 SUMMARY OF WORK

- A. Revise substantial completion date at item 1.05.B.1.a to "January 5, 2015."
- B. Revise substantial completion date at item 1.05.B.1.b to "January 19, 2015."
- C. Revise substantial completion date at item 1.05.B.2.a to "May 15, 2015."
- D. Revise items listed under 1.06.B.1 to read as follows:
 - "a. VAT
 - b. Carpet and VAT underneath
 - c. Flooring mastic"

4. SECTION 08 10 00 STEEL DOORS AND FRAMES

A. Add item 2.07.B to read "Perforated metal panels of same material, construction, and finish as specified for adjoining hollow metal frames. Perforations to be 1/4" round on 5/16" centers with 60% open area."

SECTION 08 71 00 FINISH HARDWARE

- A. Add the following to item 2.01.C.1 "Note that Owner requires a Best Premium keyway system to match existing installation in building."
- B. Revise Section 2.05 Keying to the following:
 - "A. Acceptable manufacturers and respective catalog numbers:

 Best Keystone 600 Locking and Coring System No Substitution

Page 1 of 1

Illinois Michigan Colorado

Minnesota



- B. All locks and cylinders shall accommodate Best interchangeable cores.
- C. Cores and keys shall be provided by owner.
- D. The owner shall install the cores. At the contractor's request, the owner shall install a limited number of temporary cores during construction with the appropriate cost charged to the contractor.
- E. The contractor must request all owner keys 24 hours in advance of using them. The contractor will be charged for any keys that are not returned to the owner when the project is completed. The charge will be equal to the cost of replacing any locks and keys relevant to the key code for those locks and keys."
- C. Revise Hardware Set #16 to the following:

HINGE AS REQUIRED
IC CYLINDERS (2) AS REQUIRED
PANIC HARDWARE CD9927 L DT
CLOSER (2) 4111 SHCUSH

KICK PLATES (2)

D. Add Hardware Set #18

HINGE AS REQUIRED

POWER TRANSFER EPT2
EU STOREROOM LOCK 9KW-DEU
CLOSER 4111 SCUSH

KICK PLATE

CARD READER BY SECURITY SUPPLIER

POWER SUPPLY PS902 900-2RS

ELEVATION DRAWING

WIRE DIAGRAM POINT TO POINT

DRIP R201 (REESE, PEMKO, OR NATIONAL GUARD)
WEATHERSTRIP 755A (REESE, PEMKO, OR NATIONAL GUARD)
SWEEP 964C (REESE, PEMKO, OR NATIONAL GUARD)
THRESHOLD S205A (REESE, PEMKO, OR NATIONAL GUARD)

SECTION 09 65 00 RESILIANT FLOORING

- A. Add the following to 2.09.C "Cove base typ. unless noted otherwise."
- B. Add item 2.11.H to read "Stair Nosing at carpet tile install: Johnsonite Slim Line Nosing SLN-XX-B. Color: Charcoal 20."
- C. Add item 3.10.C to read "Provide non-slip strips at existing stairs and ramp in Receiving area."

7. SECTION 09 72 00 WALLCOVERING

A. Reissued this Addendum.

PRIOR APPROVALS

The following schedule amends designated specification sections to list additional acceptable manufacturers. Use of any product by any of these manufacturers will be permitted only if after review of shop drawings or detailed product data per Section 01 33 00, Architect determines that proposed materials or equipment are equivalent in performance, construction and appearance to product(s) specified.

Where anticipated product substitutions would alter the design or space requirements indicated on the Drawings, pay for cost of design and construction revisions including the cost of associated work by other contractors.

For complete requirements, see Specification Section 01 25 00 – Substitutions and Product Options.

Minnesota Illinois Michigan Colorado



Section No.	<u>Item</u>	<u>Type</u>	Acceptable Manufacturer
23 21 13	2.06.F	Buffer Tank	American Wheatly HVAC Products
			Design Tanks
23 37 13	2.01.A	Diff., Reg., & Grilles	Raymon-Donco
23 81 26	2.01.A	Split System A/C	LG

DRAWINGS

SHEET A0.10 – PHASING PLAN

A. Refer to attached Sheet A0.10 for revised Phasing Plan General Notes and Phasing Schedule dates.

2. SHEET A1.11 - MAIN LEVEL FLOOR PLAN - AREA 'A'

- A. Refer to attached Sheet A1.11 for the following revisions;
 - 1. Additional of fire extinguisher locations noted as FE on plans.
 - 2. Revision of "granite" panels, base and cap to "marble" panels, base and cap at various locations.
 - 3. Removal of Keynote #15 from the floor plan and Floor Plan Keynotes.
 - 4. Addition of dimensions for clarification.
 - 5. Clarifications to the Floor Plan Keynotes.
 - 6. Clarifications to Room Finish Schedule.
 - 7. Clarifications to Room Finish Schedule Remarks.
 - 8. Clarifications to Door/Opening Schedule and Door Schedule Remarks.

3. SHEET A3.01 – DOOR & FRAME TYPES AND ELEVATIONS, ENLARGED PLANS

- A. Refer to attached Sheet A3.01 for the following revisions;
 - 1. Addition of detail and elevation callouts at casework rail at Enlarged Magistrate Plan 8.
 - 2. Clarification to notes at Ramp Section 13.
 - 3. Clarification to notes at Elevations 9, 11, and 12.
 - 4. Clarification to Floor Pattern 16.
 - 5. Clarifications made to Enlarged Toilet Plan 7.
 - 6. Revision of Tile Pattern Detail 6 title.

4. SHEET A3.02 – INTERIOR ELEVATIONS

A. Refer to attached Sheet A3.02 for revisions to noted materials and Material Key.

5. SHEET A4.11 – MAIN LEVEL REFLECTED CEILING PLAN & MATERIAL FINISH SCHEDULE

- A. Refer to attached Sheet A4.11 for the following revisions;
 - 1. Printing fixed to show correct hatch at all gyp bd soffits note that soffit locations/sizes have not be revised so areas are not bubbled on plan.
 - 2. Ceiling tags added at toilet vestibule areas.
 - 3. Plan 2 "Basement Level Reflected Ceiling Plan" added with key note to provide additional structural reinforcement and ceiling patching clarifications.

6. SHEET AD1.11 – MAIN LEVEL DEMOLITION PLAN

A. Refer to attached Sheet AD1.11 for revisions to Demolition Plan Key Notes and additional Key Notes added to Phase 1 area of plan.

7. SHEET MO.01 – BASEMENT MECHANICAL DEMOLITION PLAN

A. Refer to attached Sheet M0.01 for revised condensate drain piping demolition.



8. SHEET MO.11 – MAIN LEVEL MECHANICAL DEMOLITION PLAN

A. Refer to attached Sheet M0.11 for revised condensate drain piping demolition.

SHEET M1.01 – BASEMENT HYDRONIC PIPING, BOILER ROOM, AND BAS PLAN

A. Refer to attached Sheet M1.01 for revised condensate drain pipe routing.

10. SHEET M1.11 - MAIN LEVEL HYDRONIC PIPING AND BAS PLAN

A. Refer to attached Sheet M1.11 for revised condensate drain pipe routing in Attorney/Client Room (A153).

11. SHEET M2.11 – MAIN LEVEL HVAC PLAN

A. Refer to attached Sheet M2.11 for revised manual volume damper locations.

12. SHEET MP1.11 – MECHANICAL ROOM PLANS

A. Refer to attached Sheet MP1.11 for revised manual volume damper locations.

13. SHEET E1.1 – MAIN LEVEL ELECTRICAL DEMOLITION PLAN

A. Refer to attached Sheet E1.1 for revisions this Addendum.

14. SHEET E3.0 – LOWE LEVEL ELECTRICAL POWER PLAN

A. Refer to attached Sheet E3.0 for revisions this Addendum.

15. SHEET E3.1 – MAIN LEVEL ELECTRICAL POWER PLAN

Refer to attached Sheet E3.1 for revisions this Addendum.

16. SHEET E6.0 – ELECTRICAL RISER DIAGRAM AND DETAILS

A. Refer to attached Sheet E6.0 for revisions this Addendum.

17. SHEET E7.0 – ELECTRICAL SCHEDULES

A. Refer to attached Sheet E7.0 for revisions this Addendum.

DETAILS

1. DETAIL OF CONSTRUCTION 42002

A. Detail reissued this Addendum.

2. DETAIL OF CONSTRUCTION 42004

A. Detail reissued this Addendum.

3. DETAIL OF CONSTRUCTION 42007

A. Revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."

4. DETAIL OF CONSTRUCTION 42008

A. Revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."

5. DETAIL OF CONSTRUCTION 42009

A. Add note to read "See enlarged plan for grommet locations."

DETAIL OF CONSTRUCTION 42010

- A. At Detail 1, revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."
- B. At Detail 2, revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."



7. DETAIL OF CONSTRUCTION 42012

A. Revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."

8. DETAIL OF CONSTRUCTION 42013

A. Revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."

DETAIL OF CONSTRUCTION 42014

A. Revise note that reads "extruded aluminum trim" to read "1/4" routed reveal, sand smooth and paint black to match existing installation, typ."

10. DETAIL OF CONSTRUCTION 42015

A. Detail reissued this Addendum.

11. DETAIL OF CONSTRUCTION 42016

A. Detail reissued this Addendum.

12. DETAIL OF CONSTRUCTION 42017

A. Detail reissued this Addendum.

13. DETAIL OF CONSTRUCTION 42018

A. Detail reissued this Addendum.

14. DETAIL OF CONSTRUCTION 42020

A. Detail reissued this Addendum.

15. DETAIL OF CONSTRUCTION 42021

A. Detail reissued this Addendum.

16. DETAIL OF CONSTRUCTION 42022

A. Detail reissued this Addendum.

17. DETAIL OF CONSTRUCTION 42023

A. Detail reissued this Addendum.

18. DETAIL OF CONSTRUCTION 42024

A. Detail issued this Addendum.

19. DETAIL OF CONSTRUCTION 42104

A. Revise dimension at wainscot from "1 5/8"" to "1 ½"."

20. DETAIL OF CONSTRUCTION 42109

A. Detail reissued this Addendum.

21. DETAIL OF CONSTRUCTION 42110

A. At Detail 1 remove note that reads "Note:At sim condition..."

22. DETAIL OF CONSTRUCTION 43005

A. Detail reissued this Addendum.

23. DETAIL OF CONSTRUCTION 43006

A. Detail issued this Addendum.

24. DETAIL OF CONSTRUCTION 43007

A. Detail issued this Addendum.

25. DETAIL OF CONSTRUCTION 43105

Detail reissued this Addendum.

26. DETAIL OF CONSTRUCTION 61001

A. Add note pointing to stair nose that reads "rubber stair nosing, typ."

END OF ADDENDUM #2

SECTION 09 72 00

WALLCOVERING

PART 1: GENERAL

1.01 RELATED DOCUMENTS

A. Drawings, Details of Construction and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification Sections, apply to work specified in this section.

1.02 SUMMARY

- A. Section includes:
 - 1. Vinyl wallcovering where shown on Drawings or in schedules.
 - 2. High impact wall covering where shown on Drawings or in schedules.
 - 3. High impact wall panels where shown on Drawings or in schedules.
- B. Related work specified in other sections:
 - 1. Section 09 91 00: Priming of gypsum board and plaster.

1.03 SUBMITTALS

- A. Submit copy of fabric manufacturer's maintenance recommendations for care and cleaning of fabric. Submit per Section 01 78 23.
- B. Submit 12" x 12" sample of each type and color of vinyl wall covering and *high impact wallcovering* to be used on this project, with the maintenance recommendations.
- C. Letter from wall fabric manufacturer approving installer to hang fabric.
- D. Shop drawings for high impact wallcovering showing locations, extent, trim, and installation details.

1.05 PRODUCT HANDLING

- A. Deliver and store in manufacturer's original, unopened containers with legible and intact labels indicating brand names, colors, patterns, fire hazard classification and quality designations. Do not open containers or remove markings until materials are inspected and accepted by Architect.
- B. Store fabric materials flat. Store in work spaces for no less than 48 hours before installation.

1.06 TEMPERATURE OF WORK SPACES

A. Insure minimum of 70 degrees F. and maximum of 90 degrees F., 72 hours before, during application and 48 hours after application and minimum of 55 degrees F. thereafter.

1.07 QUALITY ASSURANCE

- A. Installer qualifications: engage installer who has no less than three years experience in installation of product types specified.
- B. Provide Manufacturer color match products.
- C. Single Source Responsibility: Provide all component of each wallcovering system from same company.

PART 2: PRODUCTS

2.01 APPROVED MANUFACTURERS

- A. Manufacturers listed in this specification are approved under the following conditions:
 - 1. A manufacturer listed in both the specification and the Material Finish/Color Schedule, on Architectural Drawings is not required to submit a pre-bid approval.
 - 2. Manufacturers listed in this specification, but not in the Material Finish/Color Schedule, S on Architectural Drawings shall submit color samples for pre-bid approval by addendum. Refer to Section 01 25 00.
 - 3. When no colors are listed in the Material Finish/Color Schedule, on Architectural Drawings, any manufacturer listed in this specification are not required to submit a pre-bid approval.

2.02 VINYL WALLCOVERING

- A. General: First quality with each pattern and color from same run.
- B. Vinyl:
 - 1. Manufacturer/Pattern: Bolta Kimono Texture
 - 2. Physical Properties
 - a. Material: Type II, 20 ounce
 - b. Width: 54 inches
 - c. Fire Resistance: This pattern meets the CFFA Quality Standard for Vinyl Coated Fabric Wallcovering. This material has been tested for fire hazard classification in accordance with ASTM E-84 Tunnel Test.
 - d. Colors: See Material Finish/Color Schedule, on Architectural Drawings.

2.04 ADHESIVES

- A. Heavy bodied, water soluable paste containing mildew inhibitor and manufactured expressly for use with *vinyl* wall covering furnished.
- B. Construction grade adhesive as supplied by manufacturer for high impact wallcovering and panels.

2.05 EXTRA STOCK

A. Provide in clearly marked, wrapped rolls one percent (1%) of each color and type of vinyl and fabric high impact wall covering used on this project for maintenance stock.

2.06 HIGH IMPACT WALLCOVERING

- A. Provide Acrovyn 4000 engineered PETG rigid sheet high impact wallcovering in .060" thickness.
- B. Color: As selected by Architect from Manufacturer's full Chameleon colorway (including both woodgrains and metals) in suede texture.
- C. Metal trim in aluminum finish standard for all joints/transitions.
- D. Wallcovering to be furnished as a complete packaged system.

2.06 HIGH IMPACT WALL PANELS

- A. Provide Acrovyn 4000 engineered PETG beveled edge wall panels.
- B. Color: As selected by Architect from Manufacturer's full Chameleon colorway (including both woodgrains and metals) in suede texture.
- C. Metal trim in aluminum finish standard for all joints/transitions as detailed.

- D. All edges to be factory finished to match face of panel.
- E. Fabricate wall panels to comply with requirements for design, dimensions, details, finish, and sizes. Field verify all dimensions.
- F. Wall Panels to be furnished as a complete packaged system.

PART 3: EXECUTION

3.01 SUB-SURFACE PREPARATION

A. Do not start work until sub-surfaces have been corrected for roughness or unevenness and are thoroughly dry.

3.02 FABRIC APPLICATION

- A. Use rolls in consecutive numerical sequence of manufacturer.
- B. Locate seams at least 4" from inside and outside corners. No horizontal seams will be allowed. Butt joint tightly without gaps and overlaps.
- C. Remove excessive adhesive from each seam as it is made and before proceeding to next. Clean with sponge dampened with plain warm water and wipe with dry cloth insuring all adhesive residue is removed.
- D. Leave installation clean and free of blisters, wrinkles, gaps or other defects.

3.03 HIGH IMPACT WALLCOVERING INSTALLATION

- A. Install the work of this section in strict accordance with the manufacturer's recommendations using approved adhesive.
- B. Immediately upon completion of installation, clean wall covering and accessories in accordance with manufacturer's recommended cleaning method.

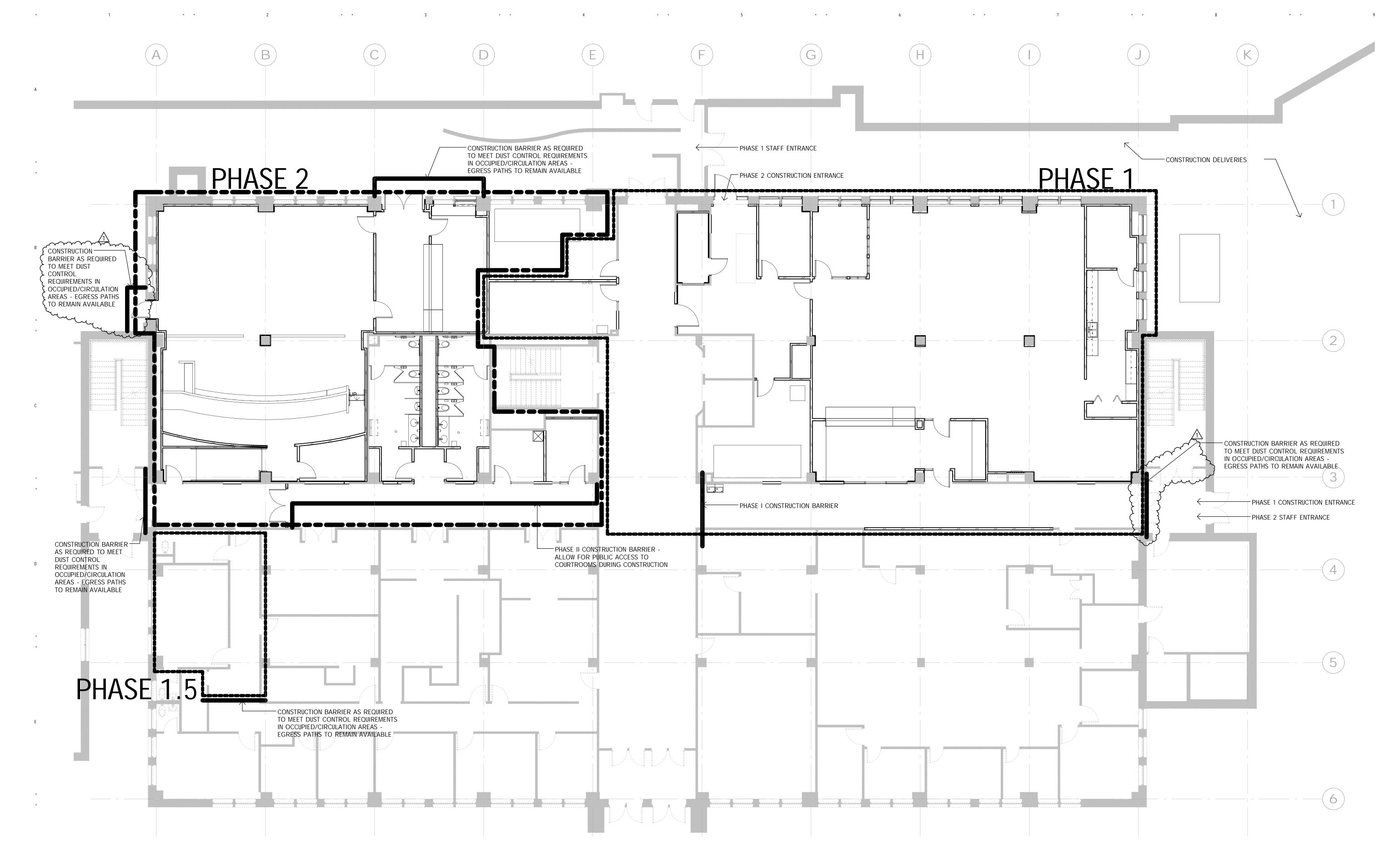
3.04 HIGH IMPACT WALL PANEL INSTALLATION

- A. Adhesive mount panels per manufacturers printed instructions. Avoid field cutting all eges to be factory finished.
- B. Immediately upon completion of installation, clean wall covering and accessories in accordance with manufacturer's recommended cleaning method.

3.05 DEMONSTRATION

A. Engage factory-authorized representative to train Owner's personnel on wallcovering repair, seam maintenance and cleaning techniques. Refer to Section 01 79 00 Demonstration and Testing.

END OF SECTION 09 72 00



PHASING PLAN GENERAL NOTES:

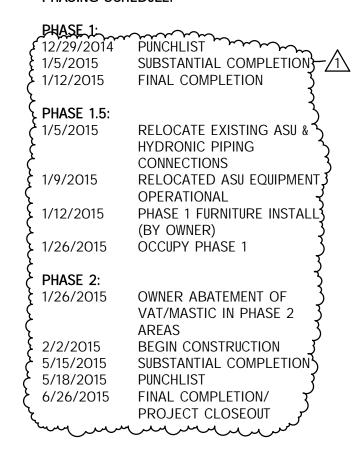
- 1. ALL EGRESS PATHS ARE TO BE MAINTAINED AND REMAIN AVAILABLE FOR USE DURING
- CONSTRUCTION. 2. ALL CONSTRUCTION ACTIVITIES THAT CAUSE EXCESSIVE NOISE (SAWCUTTING, JACK HAMMERING, HILTI GUN, ETC. TO BE
- 3. PARKING FOR CONTRACTORS AVAILABLE IN PARKING LOT AT 5TH AND RIPLEY.
- 4. ALL MECHANICAL/ELECTRICAL WORK IN BOILER ROOM TO BE COMPLETED IN PHASE I. ALL HEATING AND COOLING SYSTEMS TO BE FULLY OPERATIONAL AT END OF PHASE

COMPLETED BEFORE 8:30AM OR AFTER

- 1.5.

 OUTCIDE THE . ALL WORK PERFORMED OUTSIDE THE CONSTRUCTION BARRICADE SHOWN ON THE DRAWINGS INCLUDING ALL WORK IN CORRIDORS AND LOBBIES SHALL BE PERFORMED OUTSIDE OF NORMAL BUSINESS HOURS AND SHALL BE SCHEDULED IN ADVANCE WITH OWNER EXCEPT WHERE SPECIFIED OTHERWISE. SEE ALSO, REQUIREMENTS OF SPECIFICATION SECTION 01 56 00.
- 6. ALL MECHANICAL/ELECTRICAL WORK ASSOCIATED WITH RELOCATION OF THE EXISTING AIR HANDLING EQUIPMENT SHALL BE COMPLETED IN PHASE 1.5, INCLUDING ALL ASSOCIATED TEMPERATURE CONTROL mmmm

PHASING SCHEDULE:



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mail@woldae.com

Palatine, IL 60067

Courthouse Remodel

Phase I&II

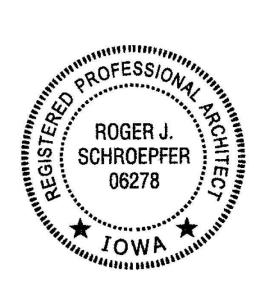
Davenport, Iowa

Scott County

Davenport, Iowa

600 West Fourth Street

400 West Fourth Street



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Registration Number 06278 Date 7/3/2014

ADDENDUM #3 7/30/2014 Comm: 133024

Date: 7/3/2014

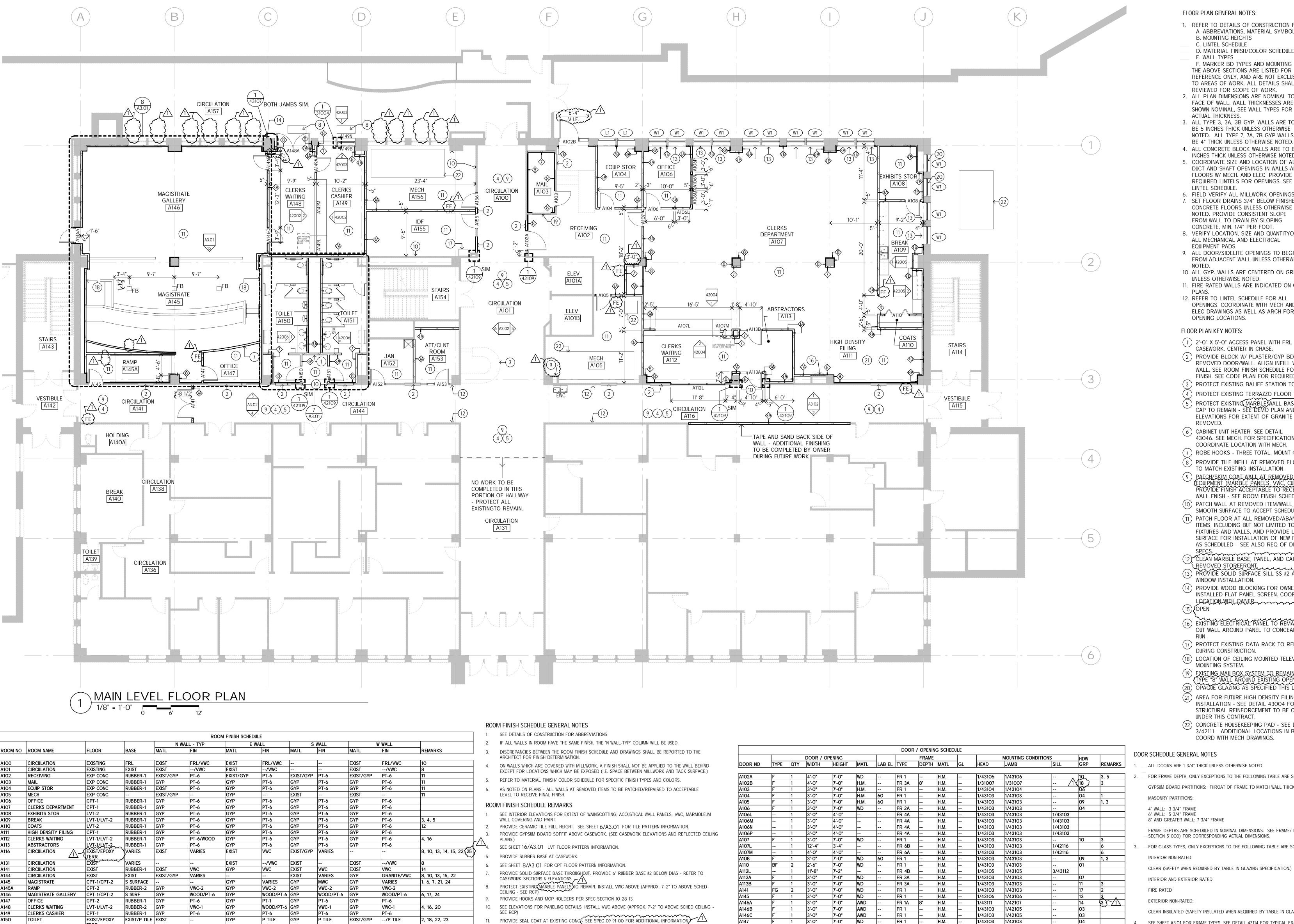
PHASING PLAN

MAIN LEVEL FLOOR PLAN - PHASING PLAN

1/8" = 1'-0"

0
6'
12'

A



12. A PROVIDE BOOT TRAY ENTIRE LENGTH OF CLOSET. SEE DETAIL 1/43057 FOR COAT ROD AND SHELF DETAIL.

14. PROVIDE VINYL BASE & VWC TO EXTENTS SHOWN ON PLAN & ELEVATIONS.

15. RE-SET MARBLE BASE, PANEL & CAP TO MATCH EXISTING INSTALLATION, REFER TO PLAN & ELEVATIONS FOR EXTENTS. MARBLE TO BE PROVIDED FROM OWNER RESERVE OR USED FROM PANELS SALVAGED DURING DEMOLITION.

19. PROVIDE FIRE TREATED PLYWOOD FULL HEIGHT IN LIEU OF DRYWALL ON TYPE 3A WALLS. PROVIDE FIRE

22. PROVIDE EPOXY TERRAZZO INFILL TO MATCH "GREY" TERRAZZO INSTALLATION AT RECONFIGURED

"WHITE" TERRAZZO FIELD AT REMOVED TERRAZZO - APPROX 50 SF EACH TOILET ROOM.

23. PROVIDE EPOXY TERRAZZO INFILL TO MATCH EXISTING INSTALLATION "GRAY" TERRAZZO BORDER AND

24. PAINT ENTIRE WALL BEHIND ACOUSTICAL PANELS PT-6.
25. PROVIDE EPOXY TERRAZZO FLOORING INSTALLATION AT AREA OF REMOVED TO MATCH EXISTING "WHITE"

FIELD AND "GREY" BORDER TERRAZZO FLOORING - DIVIDER STRIPS TO BE INSTALLED TO MATCH EXISTING (APPROX.) 24" X 24" GRID.

13. PROVIDE HIGH IMPACT WALL PANELING AT ALCOVE AS DETAILED ON PLAN & ELEVATIONS.

DEMOLITION.

16. SEE DETAIL 1/42016 FOR HIGH IMPACT WALL COVERING AT CLERK'S COUNTER.

17. SEE ELEVATIONS FOR EXTENT AND LOCATION OF ACOUSTICAL WALL PANEL INSTALLATION.

TREATED PLYWOOD TO 8'-0" AFF ON ALL EXISTING WALLS.

20. SEE DETAIL 1/42017 FOR HIGH IMPACT WALL COVERING PAINT PT-1 ABOVE.

18. PROVIDE TILE BASE ONLY AT WALLS TO RECEIVE NEW FINISH.

21. SEE DETAIL 1/42021 FOR RAISED FLOOR DETAIL.

ENTRANCE/ALCOVE - APPROX. 100 SF TOTAL

EXIST/GYP

RUBBER-1 GYP

A

RUBBER-1 PLYWOOD

--/P TILE GYP

PLYWOOD EXIST

EXIST

PT-6

PLYWOOD

2, 18, 22, 23

1/43103 1/43103 1/43103 1/43103 1/43103 1/43103 1/43108 1/43108 1/43110 1/43104 1/43105 1/43104 1/43105

1/43104 1/43105

FLOOR PLAN GENERAL NOTES:

1. REFER TO DETAILS OF CONSTRUCTION FOR: A. ABBREVIATIONS, MATERIAL SYMBOLS B. MOUNTING HEIGHTS

C. LINTEL SCHEDULE D. MATERIAL FINISH/COLOR SCHEDULE E. WALL TYPES F. MARKER BD TYPES AND MOUNTING HTS

THE ABOVE SECTIONS ARE LISTED FOR REFERENCE ONLY, AND ARE NOT EXCLUSIVE TO AREAS OF WORK. ALL DETAILS SHALL BE REVIEWED FOR SCOPE OF WORK. 2. ALL PLAN DIMENSIONS ARE NOMINAL TO FACE OF WALL. WALL THICKNESSES ARE

ACTUAL THICKNESS. 3. ALL TYPE 3, 3A, 3B GYP. WALLS ARE TO BE 5 INCHES THICK UNLESS OTHERWISE NOTED. ALL TYPE 7, 7A, 7B GYP WALLS TO BE 4" THICK UNLESS OTHERWISE NOTED. 4. ALL CONCRETE BLOCK WALLS ARE TO BE 8

INCHES THICK UNLESS OTHERWISE NOTED. 5. COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS W/ MECH. AND ELEC. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS. SEE LINTEL SCHEDULE.

6. FIELD VERIFY ALL MILLWORK OPENINGS. 7. SET FLOOR DRAINS 3/4" BELOW FINISHED CONCRETE FLOORS UNLESS OTHERWISE NOTED. PROVIDE CONSISTENT SLOPE FROM WALL TO DRAIN BY SLOPING

CONCRETE, MIN. 1/4" PER FOOT. 8. VERIFY LOCATION, SIZE AND QUANTITYOF ALL MECHANICAL AND ELECTRICAL

EQUIPMENT PADS. 9. ALL DOOR/SIDELITE OPENINGS TO BEGIN 4" FROM ADJACENT WALL UNLESS OTHERWISE

10. ALL GYP. WALLS ARE CENTERED ON GRID UNLESS OTHERWISE NOTED. 11. FIRE RATED WALLS ARE INDICATED ON CODE

12. REFER TO LINTEL SCHEDULE FOR ALL OPENINGS. COORDINATE WITH MECH AND ELEC DRAWINGS AS WELL AS ARCH FOR OPENING LOCATIONS.

FLOOR PLAN KEY NOTES:

1) 2'-0" X 5'-0" ACCESS PANEL WITH FRL FINISH BY CASEWORK. CENTER IN CHASE.

(2) PROVIDE BLOCK W/ PLASTER/GYP BD INFILL AT REMOVED DOOR/WALL. ALIGN INFILL W/ EXISTING WALL. SEE ROOM FINISH SCHEDULE FOR WALL FINISH. SEE CODE PLAN FOR REQUIRED RATINGS. 3) PROTECT EXISTING BALIFF STATION TO REMAIN. PROTECT EXISTING TERRAZZO FLOOR TO REMAIN.

5 PROTECT EXISTING MARBLE WALL BASE, PANELS & CAP TO REMAIN - SEE DEMO PLAN AND ELEVATIONS FOR EXTENT OF GRANITE TO BE

(6) CABINET UNIT HEATER. SEE DETAIL

COORDINATE LOCATION WITH MECH. 7) Robe Hooks - Three Total. Mount @ 48" Aff.

8) PROVIDE TILE INFILL AT REMOVED FLOOR VENTS TO MATCH EXISTING INSTALLATION. PROVIDE FINISH ACCEPTABLE TO RECEIVE FINAL

WALL FNISH - SEE ROOM FINISH SCHEDULE. (10) PATCH WALL AT REMOVED ITEM/WALL, PROVIDE SMOOTH SURFACE TO ACCEPT SCHEDULED FINISH. 11) PATCH FLOOR AT ALL REMOVED/ABANDONED

ITEMS, INCLUDING BUT NOT LIMITED TO PLUMBING FIXTURES AND WALLS, AND PROVIDE LEVEL SURFACE FOR INSTALLATION OF NEW FLOORING AS SCHEDULED - SEE ALSO REQ OF DIVISION 9 here

CLEAN MARBLE BASE, PANEL, AND CAP AT REMOVED STOREFRONT.

PROVIDE SOLID SURFACE SILL SS #2 AT NEW

WINDOW INSTALLATION. (14) PROVIDE WOOD BLOCKING FOR OWNER INSTALLED FLAT PANEL SCREEN. COORDINATE LOCATION WITH OWNER

(16) EXISTING ELECTRICAL PANEL TO REMAIN. FURR OUT WALL AROUND PANEL TO CONCEAL CONDUIT (17) PROTECT EXISTING DATA RACK TO REMAIN

DURING CONSTRUCTION. (18) LOCATION OF CEILING MOUNTED TELEVISION MOUNTING SYSTEM.

(21) AREA FOR FUTURE HIGH DENSITY FILING INSTALLATION - SEE DETAIL 43004 FOR

STRUCTURAL REINFORCEMENT TO BE COMPLETED UNDER THIS CONTRACT. (22) CONCRETE HOUSEKEEPING PAD - SEE DETAIL 3/42111 - ADDITIONAL LOCATIONS IN BASEMENT -COORD WITH MECH DRAWINGS.

ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.

FOR FRAME DEPTH, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED: GYPSUM BOARD PARTITIONS: THROAT OF FRAME TO MATCH WALL THICKNESS.

4" WALL: 3 3/4" FRAME 6" WALL: 5 3/4" FRAME 8" AND GREATER WALL: 7 3/4" FRAME

FRAME DEPTHS ARE SCHEDULED IN NOMINAL DIMENSIONS. SEE FRAME/ DOOR TYPES (DETAIL -SECTION 51000) FOR CORRESPONDING ACTUAL DIMENSIONS.

FOR GLASS TYPES, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED: INTERIOR NON RATED:

CLEAR (SAFETY WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.) INTERIOR AND EXTERIOR RATED:

CLEAR INSULATED (SAFETY INSULATED WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.) SEE SHEET A3.01 FOR FRAME TYPES. SEE DETAIL 43114 FOR TYPICAL FRAME SECTIONS.

. SEE SHEET A3.01 FOR DOOR TYPES.

6. AT DOOR SCHEDULE, LABEL DESIGNATION "45/20" INDICATES: FOR ALL OPENINGS WITH SIDE LITES AND SCHEDULED TO BE RATED FOR 20 MINUTES. THE DOOR

AND ANY GLASS WITHIN THE DOOR IS TO BE RATED FOR 20 MINUTES; THE FRAME AND ADJACENT SIDELITE(S) GLASS AND FRAME IS TO BE RATED FOR 45 MINUTES." 7. SEE DETAIL 43113 FOR TYPICAL GLAZING DETAIL AT WOOD DOOR.

DOOR SCHEDULE REMARKS

1. DOOR TO WITHSTAND PASSAGE OF SMOKE - SEE CODE PLAN 2. PROVIDE SIGNAGE THAT READS: "EMERGENCY EXIT ONLY"

3. CARD READER THIS OPENING - SEE ELECTRICAL \(\frac{1}{1} \) 4. HOLD OPENS THIS OPENING - SEE HARDWARE SCHEDULE

5. PROVIDE 2'-O" VINYL KICKPLATE BOTH SIDES THIS OPENING. 6. SEE ELEVATIONS FOR OVERALL HEIGHT OF HOLLOW METAL FRAME THIS OPENING.

ROGER J **SCHROEPFER**

Courthouse Remodel

Phase I&II

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400 West Fourth Street

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Registration Number 06278

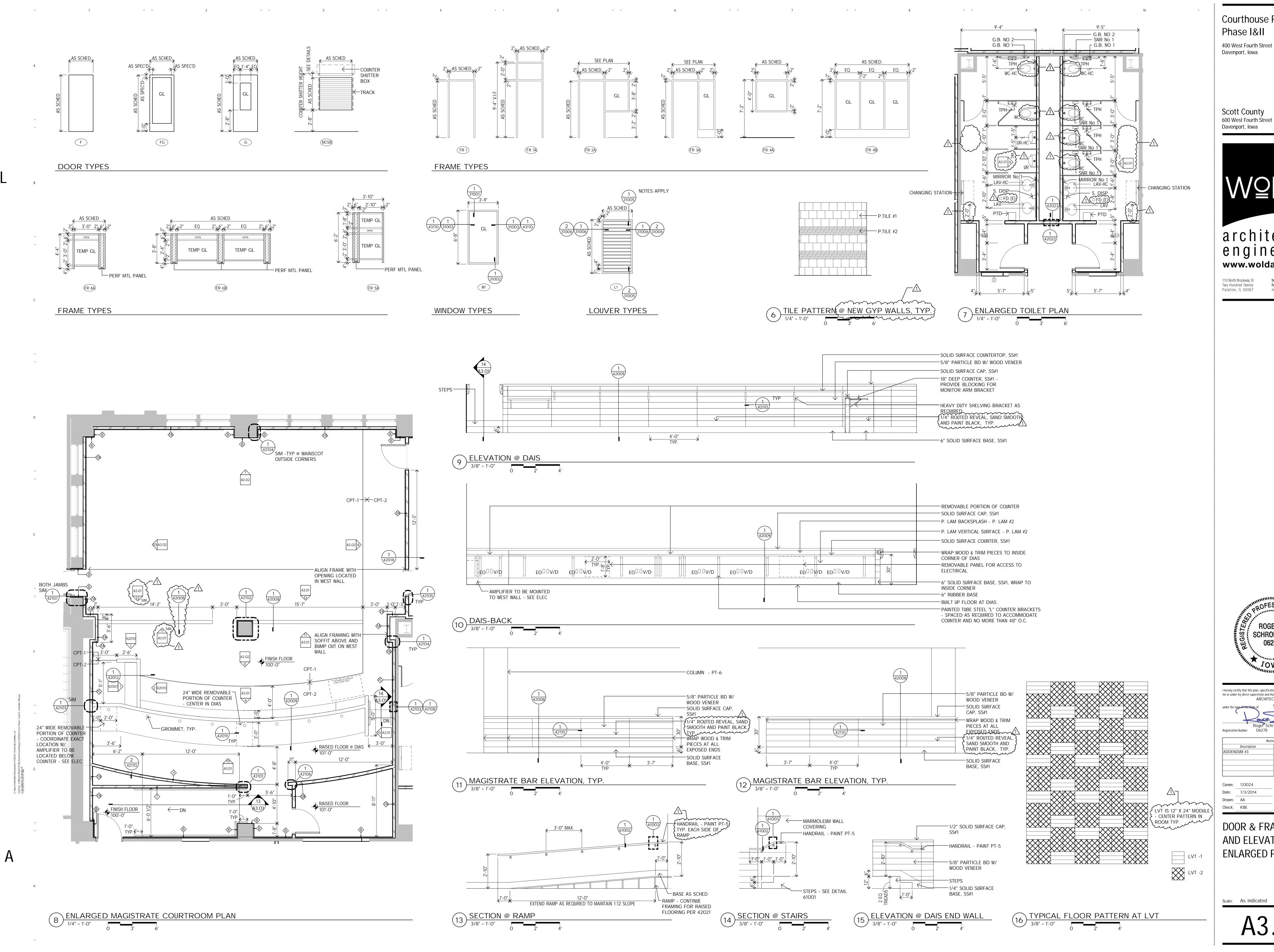
Revisions Description ADDENDUM #3 7/30/2014

Comm: 133024 Date: 7/3/2014 Check: KBE

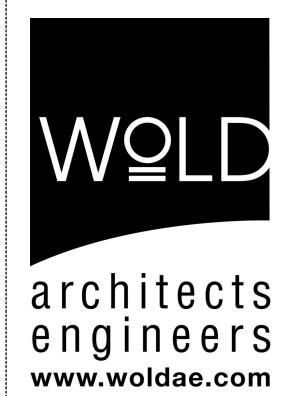
MAIN LEVEL FLOOR

PLAN - AREA 'A'

Scale: As indicated



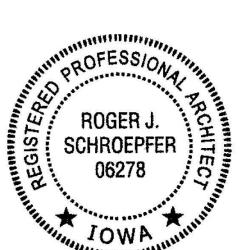
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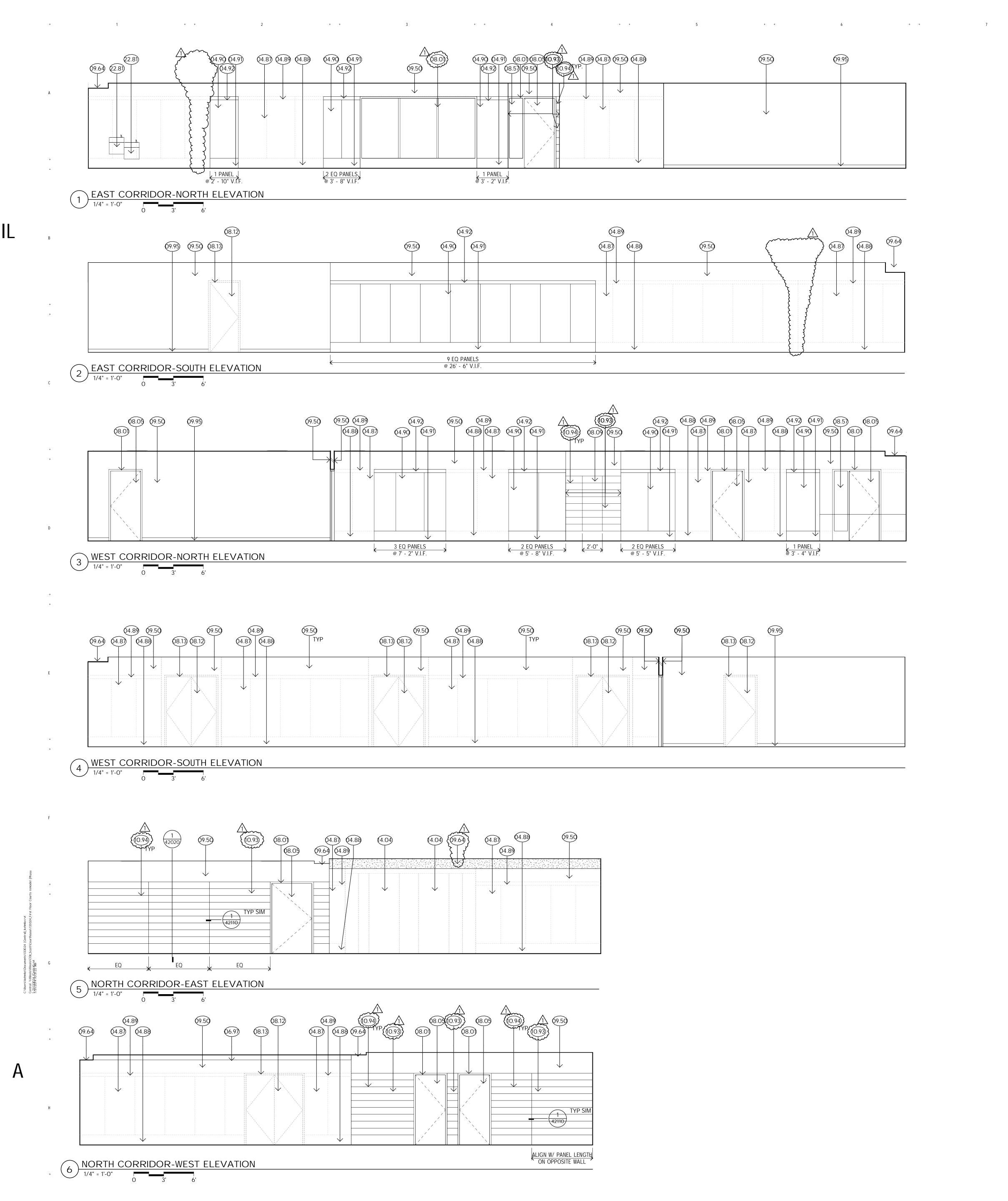
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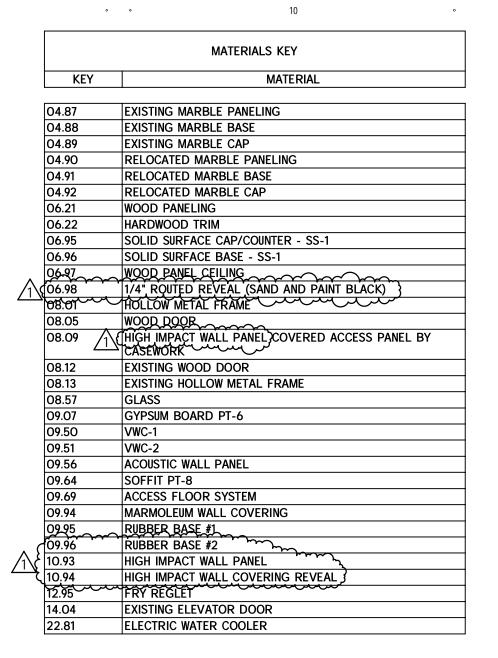


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DOOR & FRAME TYPES AND ELEVATIONS, ENLARGED PLANS

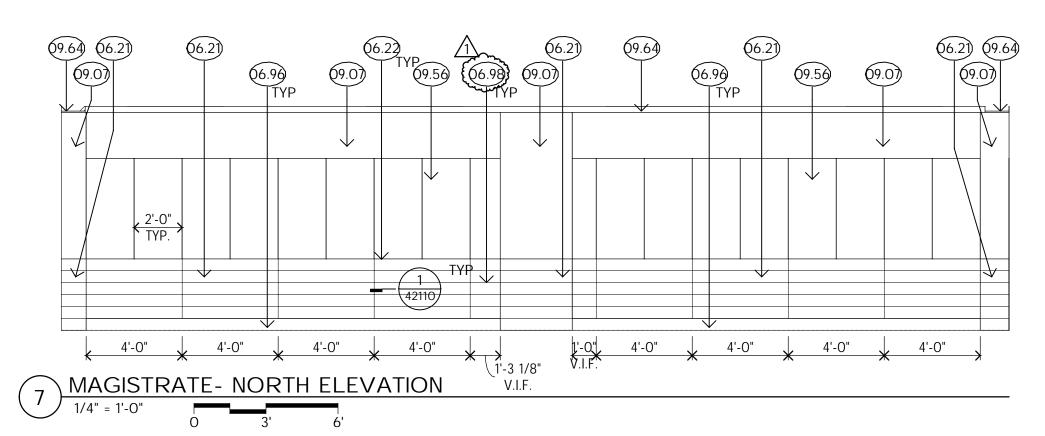
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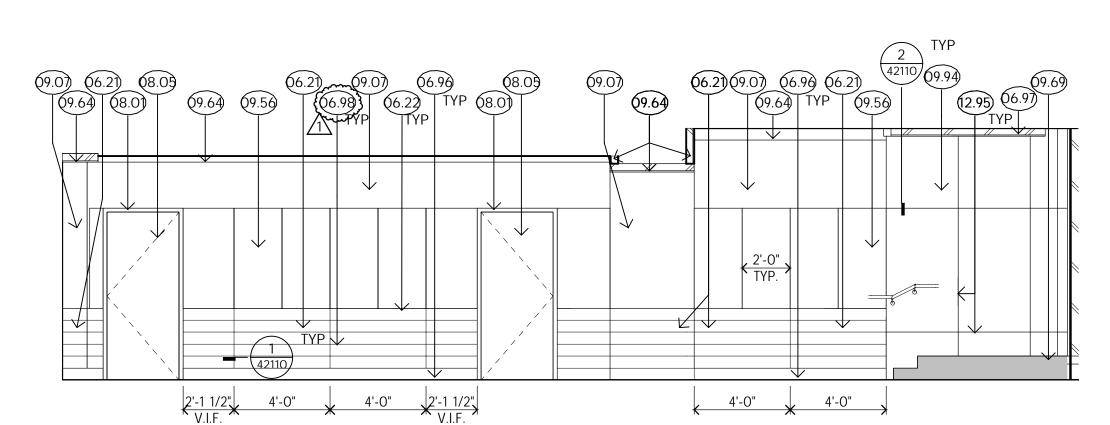




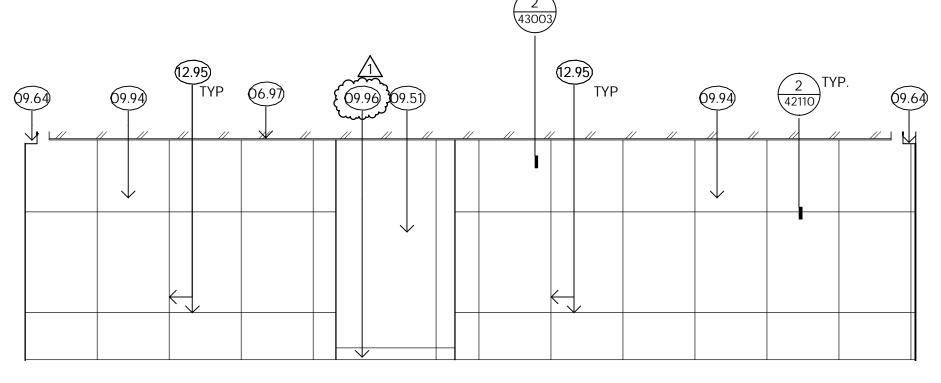
ELEVATION GENERAL NOTES:

- ALL T.O. ACOUSTICAL WALL PANELS TO ALIGN WITH T.O. DOOR FRAMES.
- 2. AREAS OF RELOCATED MARBLE PANEL,
 BASE & CAP ARE SHOWN RELATIVE TO NEW
 WORK BEING COMPLETED. CONTRACTOR
 RESPONSIBLE IN DETERMINING
 ADDITIONAL NEED TO REMOVE & RESET
 MARBLE PANELS DUE TO DIFFERING
 LENGTHS IN EXISTING BASE, PANELS &
- 3. SEE MECH. AND ELEC. FOR ALL MECH. AND ELEC. EQUIPMENT.

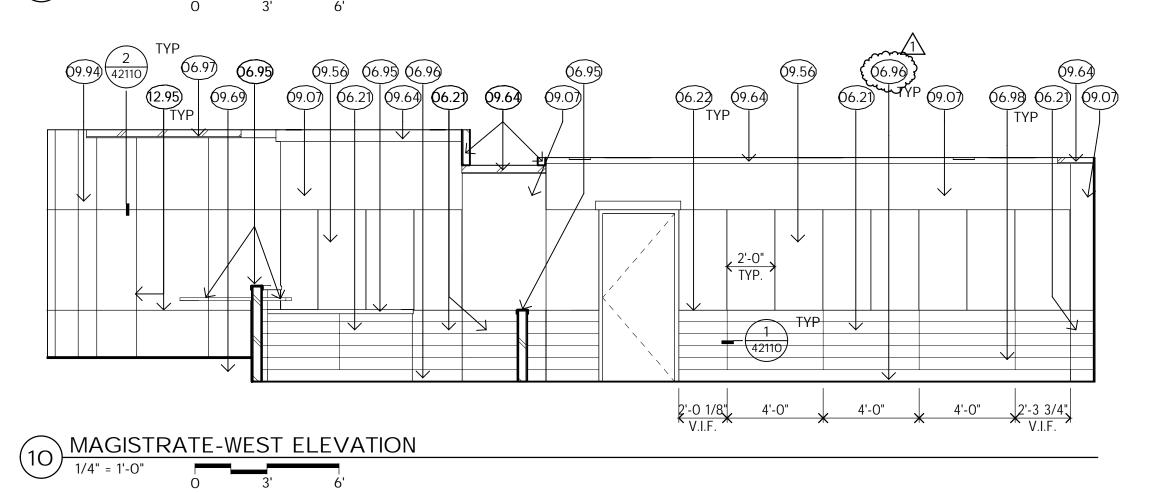




8 MAGISTRATE-EAST ELEVATION



9 MAGISTRATE-SOUTH ELEVATION



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Registration Number O6278 Date 7/3/2014

Revisions

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 133024

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 7/3/2014

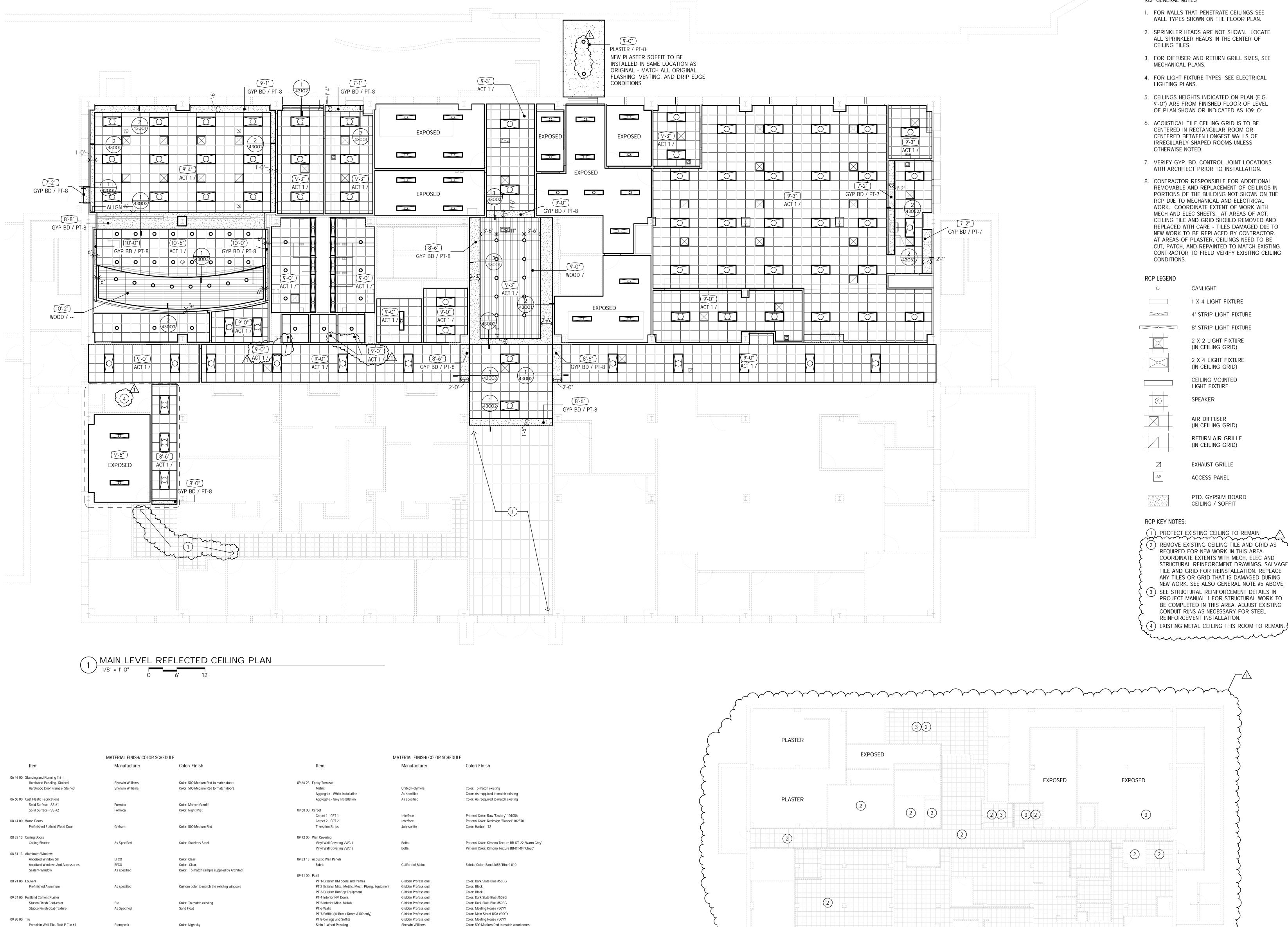
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 KBE

INTERIOR ELEVATIONS

Scale: 1/4" = 1'-0"

A3.02



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BASEMENT LEVEL REFLECTED CEILING PLAN

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Porcelain Wall Tile- Accent P Tile #2

Grout- Porcelain Wall Tile

09 65 00 Resilient Flooring

LVT 2

Rubber Base #1

Rubber Base #2

Reducer/ Transition Strips

A

Stonepeak

Patcraft

Patcraft

Johnsonite

Johnsonite

Johnsonite

Johnsonite

Color: Greensky

Color: Light Pewter - 927

Stratified "Pewter" 00550

Color:As chosen by Architect from Manufacturer's full color line

Stratified "Dusky" 00770

Color:Harbor - 72

Color: Harbor -72

Color:Charcoal - 20

10 21 13 Solid Plastic Toilet Partitions

12 32 16 Plastic Laminate Casework

PVC Edging

Wire Pulls

Toilet Partitions

Fiberglass Reinforced Laminate - FRL 1

Plastic Laminate Horiz Surface - P.Lam 1

Plastic Laminate Vert Surface - P.Lam 2

Plastic Laminate Vert Surface @ Toilets - P.Lam 3

Panolam - Pionite

Nevamar

Nevamar

Nevamar

Color: Charcoal Grey S-214

Color: Sunset HP336 - Ashwood Texture

Color: Golden Iron Moonrock MKT001T

Color: As selected from Manufacturer's standard color line

Color: Sovereign Cherry W8325T

Color: Black Lodestone LD6001T

Color: Brushed Nickle

0 0

RCP GENERAL NOTES

ROGER J. SCHROEPFER 06278

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MAIN LEVEL
REFLECTED CEILING
PLAN & MATERIAL
FINISH SCHEDULE

Scale: As indicated

A4.11

0 0

0 0

0 0

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MAIN LEVEL DEMOLITION PLAN - AREA 'A'

A

DEMOLITION LEGEND

WALL TO REMAIN ==== WALL TO BE REMOVED

DOOR TO REMAIN DOOR, FRAME, AND HARDWARE TO BE REMOVED UNLESS NOTED

OTHERWISE DESIGNATED ITEM TO REMAIN

— — — DESIGNATED ITEM TO BE REMOVED

DEMOLITION PLAN KEY NOTES:

- (1) REMOVE STRUCTURAL CLAY TILE/PLASTER WALL (FULL HEIGHT) TO EXTENTS SHOWN. COORDINATE EXTENTS W/ NEW WORK TO BE COMPLETED. 2 SAWCUT CLAY TILE WALL W/MARBLE PANEL FINISH FOR INSTALLATION OF NEW OPENING. REMOVE
- MARBLE BASE, PANEL, & CAP IN FULL LENGTHS AS REQUIRED TO SAW CUT TILE WALL, SALVAGE MARBLE & STORE FOR REUSE. INFILL ANY VOIDS LEFT BY SAWCUTTING TO PROVIDE A FLUSH/LEVEL
- SURFACE. DO NOT OVERCUT CORNERS. (3) REMOVE EXISTING DOOR, FRAME AND HARDWARE, INCLUDING SIDELIGHTS AND TRANSOMS AS
- (4) PLUMBING FIXTURE(S) TO BE REMOVED SEE
- (5) REMOVE EXISTING VINYL BASE
- (6) REMOVE EXISTING DOOR FRAME 7) (EXISTING CPT FLOORING AND MASTIC TO BE { REMOVED BY OWNER'S SEPARATE ABATEMENT }__/\
- LALSO PHASING PLAN. (8) REMOVE EXISTING CEILING (ACT, GLUE UP, OR PLASTER AS OCCURS) IN THIS ROOM - INCLUDING ALL SOFFITS AS OCCUR.

CONTRACTOR PRIOR TO CONSTRUCTION - SEE

- (9) REMOVE EXISTING FLOOR GRATE SEE MECH. 10) EXISTING VCT FLOORING AND MASTIC TO BE REMOVED BY OWNER'S SEPARATE ABATEMENT ____ CONTRACTOR PRIOR TO CONSTRUCTION - SEE
- ALSO PHASING PLAN. ALSO PHASING PLAN. (11) REMOVE EXISTING EXTERIOR PLASTER SOFFIT -SEE MECH AND PLUMBING.
- (12) REMOVE VWC FULL HEIGHT THIS EXTERIOR WALL, INCLUDING AROUND ANY COLUMNS, WINDOWS, OR OTHER PROTRUSIONS.
- (13) REMOVE WOOD PARTITION WALL (FULL HEIGHT) TO EXTENTS SHOWN.
- (14) REMOVE EXISTING CASEWORK INCLUDING BUT NOT LIMITED TO UPPER AND LOWER CABINETS, COUNTERTOPS, SHELVING, AND ASSOCIATED
- MOUNTING/SUPPORT BRACING.

 (15) REMOVE EXISTING VWC ABOVE (MARBLE) WALL
- (16) REMOVE EXISTING WINDOW, FRAME & SILL. DO NOT DAMAGE OR REMOVE EXISTING ADJACENT ALUMINUM WALL PANELS OR EXISTING DRIP CAP AT WINDOW HEAD TO REMAIN. REMOVE INTERIOR WELDED ALUMINUM FRAMING SYSTEM - SEE EXHIBIT DRAWINGS.
- (17) REMOVE EXISTING WINDOW, FRAME & SILL FOR INSTALLATION OF NEW TRANSACTION WINDOW. PROTECT GRANITE BASE BELOW TO REMAIN. DO NOT DAMAGE OR REMOVE EXISTING ADJACENT ALUMINUM WALL PANELS OR EXISTING DRIP CAP AT WINDOW HEAD TO REMAIN. REMOVE INTERIOR WELDED ALUMINUM FRAMING SYSTEM - SEE EXHIBIT DRAWINGS.
- (18) REMOVE WINDOW, FRAME & INTERIOR SILL FOR INSTALLATION OF NEW WINDOW. PROTECT EXTERIOR GRANITE BASE AND SILL TO REMAIN. EXISTING INTERIOR WELDED ALUMINUM FRAMING SYSTEM TO REMAIN - SEE EXHIBIT DRAWINGS.
- (19) REMOVE ALL TOILET ACCESSORIES, INCLUDING BUT NOT LIMITED TO TOILET PARTITIONS, MIRRORS, ALL WALL MOUNTED EQUIPMENT, ETC. 20 REMOVE MARBLE BASE, PANEL, & CAP IN FULL LENGTHS, SALVAGE & STORE FOR REUSE. COORDINATE EXTENTS WITH FLOOR PLAN AND ELEVATIONS.
- (21) REMOVE PLYWOOD CONSTRUCTION HORIZONTAL PIPE CHASE - SEE ALSO MECH.
- (22) SAWCUT GRANITE 30 INCH TALL GRANITE BASE FOR INSTALLATION OF NEW OPENING. INFILL ANY VOIDS LEFT BY SAWCUTTING TO PROVIDE A FLUSH/LEVEL SURFACE. DO NOT OVERCUT CORNERS. CUT AT PANEL SEAMS AS IS POSSIBLE REMOVE SEAM SEALANT AS OCCURS. SALVAGE GRANITE PIECES FOR REUSE.
- (23) REMOVE 6" CONCRETE TERRAZZO BASE BELOW FIXTURES.
- 24) (EXISTING VAT AND MASTIC AND MASTIC TO BE) REMOVED BY OWNER'S SEPARATE ABATEMENT CONTRACTOR PRIOR TO CONSTRUCTION - SEE (25) REMOVE BUILT-OUT ALUMINUM MULLION BETWEEN
- WINDOWS. SAWCUT AT HEIGHT OF EXISTING DRIP CAP AT WINDOW HEAD. DRIP CAP TO REMAIN. (26) SAWCUT EXISTING GYP BD WALL FOR
- INSTALLATION OF NEW OPENING. INFILL ANY VOIDS LEFT BY SAWCUTTING TO PROVIDE A FLUSH/LEVEL SURFACE. DO NOT OVERCUT (27) REMOVE 48 INCH TALL PORTION OF PIPE CHASE,
- INCLUDING SOLID SURFACE CAP AND VINYL BASE ENTIRE LENGTH. DO NOT OVERCUT INTO ADJACENT PIPE CHASE OR REMOVE VWC ON
- ADJACENT CHASE. —/1

 (28) REMOVE MARBLE BASE IN FULL LENGTHS,
 SALVAGE & STORE FOR REUSE. COORDINATE EXTENTS WITH FLOOR PLAN AND ELEVATIONS.
- (29) REMOVE EXISITING STOREFRONT INCLUDING DOORS, FRAME, HARDWARE, SIDELIGHTS AND TRANSOMS AS OCCUR.
- (30) SEE MECH FOR REMOVAL OF FLOOR VENTS. (31) REMOVE/GRIND DOWN EXISTING TERRAZZO FLOORING TO FIRST DIVIDER STRIP PAST PLUMBING FIXTURES. DO NOT REMOVE TERRAZZO UNDER LAVS.
- (32) REMOVE/GRIND DOWN EXISTING TERRAZZO IN THIS AREASTO EXTENTS REQUIRED FOR (INSTALLATION OF NEW EPOXY TERRAZZO)
- FLOORING/PATCHING.

 (33) REMOVE GYP BD FRAMED WALL (FULL HEIGHT) TO EXTENTS SHOWN. COORDINATE EXTENTS WITH NEW WORK TO BE COMPLETED. (34) REMOVE EXISTING FRAMED GYP BD PLATFORM
- DOWN TO CONCRETE SLAB.

 (35) REMOVE PORTION OF CLAY TILE WALL AS REQUIRED TO ACCOMMODATE PLUMBING WORK } -- FOR NEW FIXTURE - SEE MECH.

Courthouse Remodel Phase I&II

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Comm: 133024 Date: 7/3/2014 Drawn: KBE Check: KBE

MAIN LEVEL **DEMOLITION PLAN**

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

0 0

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MECHANICAL DEMOLITION KEYED NOTES:

1 PHASE 1 & 2: REMOVE EXISTING FINNED TUBE RADIATOR/CABINET UNIT HEATER AND ALL ASSOCIATED EQUIPMENT INCLUDING PIPING, HANGERS, SUPPORTS, AND CONTROLS. FIELD VERIFY EXACT LOCATIONS. WHERE PIPING IS INACCESSIBLE IN BASEMENT CEILING, CAP PIPE BENEATH FLOOR. MECH. RESPONSIBLE FOR WALL/FLOOR PATCHING NOT COVER BY OTHERS.

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- (2) PHASE 1: REMOVE EXISTING ASU AND ALL ASSOCIATED EQUIPMENT INCLUDING SUPPLY AND RETURN DUCTWORK, PIPING, DIFFUSERS/GRILLES, DAMPERS, HANGERS, SUPPORTS, AND CONTROLS. CAP CONDENSATE DRAINS BENEATH FLOOR. MECH. RESPONSIBLE FOR WALL/FLOOR PATCHING NOT COVER BY OTHERS.
- (3) PHASE 1: REMOVE EXISTING OUTSIDE AIR DUCT TO THE EXTENT SHOWN AND ALL ASSOCIATED EQUIPMENT INCLUDING DAMPERS, HANGERS, AND SUPPORTS. CAP DUCT AT MAIN. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS.
- 4 PHASE 1: REMOVE EXISTING CONDENSING UNIT AND ALL ASSOCIATED EQUIPMENT INCLUDING PIPING. HANGERS, SUPPORTS, AND CONTROLS. MECH. RESPONSIBLE FOR WALL/FLOOR PATCHING NOT COVER BY OTHERS.
- (5) PHASE 1: REMOVE EXISTING ASU AND ALL ASSOCIATED EQUIPMENT INCLUDING DUCTWORK, PIPING. DIFFUSERS/GRILLES, DAMPERS, HANGERS, SUPPORTS AND CONTROLS. CAP AND ABANDON ASSOCIATED OUTSIDE AIR DUCT ABOVE FINISHED CEILING IN CORRIDOR. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS.
- 6 PHASE 1: REMOVE EXISTING OUTSIDE AIR DUCT TO THE EXTENT SHOWN AND CAP AT WALL OPENING. (7) PHASE 1: REMOVE EXISTING 40"x10" RETURN DUCT BRANCH AND ALL ASSOCIATED EQUIPMENT INCLUDING DAMPERS, HANGERS, AND SUPPORTS
- FOR MORE INFORMATION. PHASE 2: REMOVE EXISTING RETURN DUCTWORK AND ALL ASSOCIATED EQUIPMENT INCLUDING DIFFUSERS/GRILLES, DAMPERS, HANGERS, AND SUPPORTS LOCATED IN AREAS COVERED IN PHASE 2. REFER TO PHASING PLAN FOR MORE
- $\langle 8 \rangle$ Phase 1.5: REMOVE EXISTING 62"x16" RETURN DUCT AND ALL ASSOCIATED EQUIPMENT INCLUDING DAMPERS, HANGERS, AND SUPPORTS LOCATED WITHIN THE EXTENT OF PHASE 1. REFER TO PHASING PLAN FOR MORE INFORMATION. PHASE 2: REMOVE REMAINING RETURN DUCT AND ALL ASSOCIATED EQUIPMENT INCLUDING DIFFUSERS/GRILLES, DAMPERS, HANGERS, AND SUPPORTS TO THE EXTENT SHOWN. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS.
- (9) PHASE 1.5: REMOVE EXISTING RETURN DUCTWORK AND ALL ASSOCIATED EQUIPMENT INCLUDING DIFFUSERS/GRILLES, DAMPERS, HANGERS, AND SUPPORTS TO THE EXTENT SHOWN. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER
- TO THE EXTENT SHOWN. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS. (11) PHASE 2: REMOVE ALL EXISTING DUCTWORK AND EQUIPMENT INCLUDING DIFFUSERS/GRILLES, DAMPERS, HANGERS, AND SUPPORTS ASSOCIATED
- (12) PHASE 2: REMOVE EXISTING 28"X8" FLOOR-MOUNTED SUPPLY GRILL AND CAP DUCT BENEATH FLOOR. FIELD VERIFY EXACT DUCT SIZES AND BALANCE THE REMAINING SUPPLY GRILLS FOR PROPER AIRFLOW. PATCH FLOOR TO MATCH EXISTING.
- (13) PHASE 1.5: REMOVE EXISTING ASU-10 AND ALL ASSOCIATED EQUIPMENT INCLUDING DUCTWORK, DAMPERS, HANGERS, SUPPORTS, AND CONTROLS LOCATED IN EXISTING MECHANICAL ROOM. CAP CONDENSATE DRAIN BENEATH FLOOR. REMOVE ASSOCIATED REFRIGERANT PIPING TO THE EXTENT SHOWN AND ABANDON ABOVE NEW CEILING. SWITCH OFF AND ABANDON ASSOCIATED CONDENSING UNIT ON ROOF. MECH. RESPONSIBLE FOR WALL/FLOOR PATCHING NOT COVER BY
- (14) PHASE 1.5: REMOVE EXISTING UNIT HEATER AND ALL ASSOCIATED EQUIPMENT INCLUDING PIPING, HANGERS, SUPPORTS, AND CONTROLS. CAP PIPING AT MAIN. MECH. RESPONSIBLE FOR WALL/FLOOR PATCHING NOT COVER BY OTHERS.
- (15) PHASE 1.5: DISCONNECT EXISTING ASU AND RELOCATE TO NEW MECH. ROOM. REMOVE ALL ASSOCIATED EQUIPMENT INCLUDING DUCTWORK, DAMPERS. HANGERS, SUPPORTS AND CONTROLS TO THE EXTENT SHOWN. CAP CONDENSATE DRAIN BENEATH FLOOR. REMOVE ASSOCIATED REFRIGERANT PIPING TO THE EXTENT SHOWN AND DISCONNECT ABOVE NEW CEILING FOR RECONNECTION. MECH. RESPONSIBLE FOR FLOOR/WALL PATCHING NOT COVER BY OTHERS.
- (16) PHASE 2: REMOVE EXISTING 13"x13" EXHAUST GRILL AND ASSOCIATED DUCT BRANCH TO THE EXTENT SHOWN. CAP DUCT AT MAIN IF NEW DUCT IS IN DIFFERENT LOCATION. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS. (17) PHASE 2: REMOVE EXISTING EXHAUST DUCTWORK
- AND ALL ASSOCIATED EQUIPMENT INCLUDING GRILLES, DAMPERS, HANGERS, AND SUPPORTS TO THE EXTENT SHOWN. CAP DUCTWORK AS SHOWN. MECH. RESPONSIBLE FOR WALL PATCHING NOT COVER BY OTHERS.
- $\langle 18
 angle$ REMOVE EXISTING 1" LPS & 1 1/4" LPR PIPING TO ACCOMODATE NEW WORK. CAP PIPING BENEATH FLOOR. MECH. RESPONSIBLE FOR FLOOR/WALL PATCHING NOT COVER BY OTHERS.

- **HYDRONIC PLAN GENERAL NOTES:**
- 1. THE CONTRACTOR SHALL PERFORM A SITE OBSERVATION SURVEY TO DETERMINE LIMITATIONS AND/OR CONFLICTS RELATIVE TO THE EXECUTION OF HIS WORK PRIOR TO BID. VERIFY EXACT DETAIL OF INSTALLATION REQUIRED TO PROVIDE SYSTEMS SHOWN WITHIN THE SPACE
- INTENDED. 2. ALL EXISTING SERVICES SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE INDICATED ON THE PLANS. COORDINATE DISRUPTION OF SERVICES WITH OWNER TO PROVIDE ACCEPTABLE
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING OF EXISTING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS. NO CUTTING OF STRUCTURAL MEMBERS OR STRUCTURE WHICH WILL DETERIORATE THE INTEGRITY AND STRENGTH OF THE BUILDING WILL BE ALLOWED WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

TIME FOR DOWNTIME.

- 4. THE CONTRACTOR SHALL REMOVE ALL EXISTING CEILING TILES AND GRIDS AS REQUIRED FOR INSTALLATION OF NEW WORK. ANY DAMAGED TILES AND/OR GRIDS SHALL BE REPLACED WITH NEW TO MATCH AT THE CONTRACTORS EXPENSE.
- 5. ALL DUCTWORK, DIFFUSERS, AND PIPING SHOWN SHALL REMAIN UNLESS OTHERWISE NOTED.
- 6. PATCH AND REPAIR OPENINGS THROUGH WALLS AND FLOORS WHERE SYSTEMS WERE REMOVED TO MATCH EXISTING AND TO MAINTAIN RATINGS (AS APPLICABLE). FINISHES SHALL BE WORK OF ANOTHER TRADE.
- 7. DIFFUSER AND REGISTER LOCATIONS SHALL BE COORDINATED WITH LIGHT FIXTURE LOCATIONS AND SHALL BE IN ACCORDANCE WITH CEILING PATTERNS AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
- 8. ALL RISES AND DROPS IN PIPING AND DUCTWORK ARE NOT NECESSARILY SHOWN. LAYOUT ROUTING AND COORDINATE WORK WITH OTHER TRADES BEFORE CONSTRUCTION.
- 9. DIFFUSER DUCT RUNOUTS AND FLEXIBLE DUCT CONNECTIONS SHALL BE THE SAME SIZE AS THE DIFFUSER NECK.
- 10. LOCATE ALL DAMPERS, FLEXIBLE DUCTS, VALVES, AND OTHER PIPING COMPONENTS ABOVE ACCESSIBLE CEILINGS.
- 11. CONCRETE CURBS WILL BE PROVIDED BY ANOTHER TRADE. COORDINATE EXACT SIZE AND LOCATION.
- 12. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.
- 13. ALL SUPPLY AND RETURN DUCT CONNECTIONS AT THE AIR HANDLING UNIT SHALL BE PROVIDED WITH 1" THICK INTERNAL LINING FOR A DISTANCE OF 20'-O" TO/FROM SUCH EQUIPMENT. PROVIDE ACCESS PANELS IN LINED DUCT TO FACILITATE CLEANING OF DUCT INTERIOR.
- 14. ALL DUCT CONNECTIONS TO AIR HANDLING UNITS TO BE FLEXIBLE CONNECTIONS. 15. COORDINATE TEMPERATURE SENSOR
- LOCATIONS WITH OTHER TRADES AND BUILDING ELEMENTS. ADJUST THE EXACT LOCATIONS AS REQUIRED TO AVOID CONFLICTS.
- 16. ROUTE ALL AIR HANDLING UNIT AND PLENUM DRAIN PIPING TO NEARBY FLOOR DRAINS. FIELD VERIFY EXACT ROUTING TO AVOID TRIP HAZARD FOR BUILDING OCCUPANTS.
- 17. TRANSFER DUCTS SHALL HAVE 1" INTERNAL SOUND ATTENUATING LINER. 18. THE VARIABLE AIR VOLUME CONTROL

BOX SHALL BE LOCATED IN A POSITION TO

- ENSURE ACCESSIBILITY. 19. COORDINATE LOCATIONS OF ANY ACCESS PANELS REQUIRED IN WALLS OR CEILINGS WITH GENERAL CONTRACTOR.
- 20.ROUTE DUCTS BETWEEN JOISTS AND THROUGH JOIST WEBS WHERE REQUIRED TO COORDINATE WITH THE INSTALLATION OF OTHER TRADES AND TO MAINTAIN CEILING HEIGHTS.
- 21. ALL SUPPLY AND RETURN DUCTWORK ROUTED IN CONCEALED SPACES AND ABOVE CEILINGS SHALL BE EXTERNALLY INSULATED. INSULATE RELIEF AND EXHAUST DUCTWORK AS SPECIFIED.

Courthouse Remodel Phase I&II

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Registration Number 18893 Date 07/03/14 ADDENDUM #3 7/30/2014 **Date:** 07/03/14

BASEMENT MECHANICAL DEMOLITION PLAN

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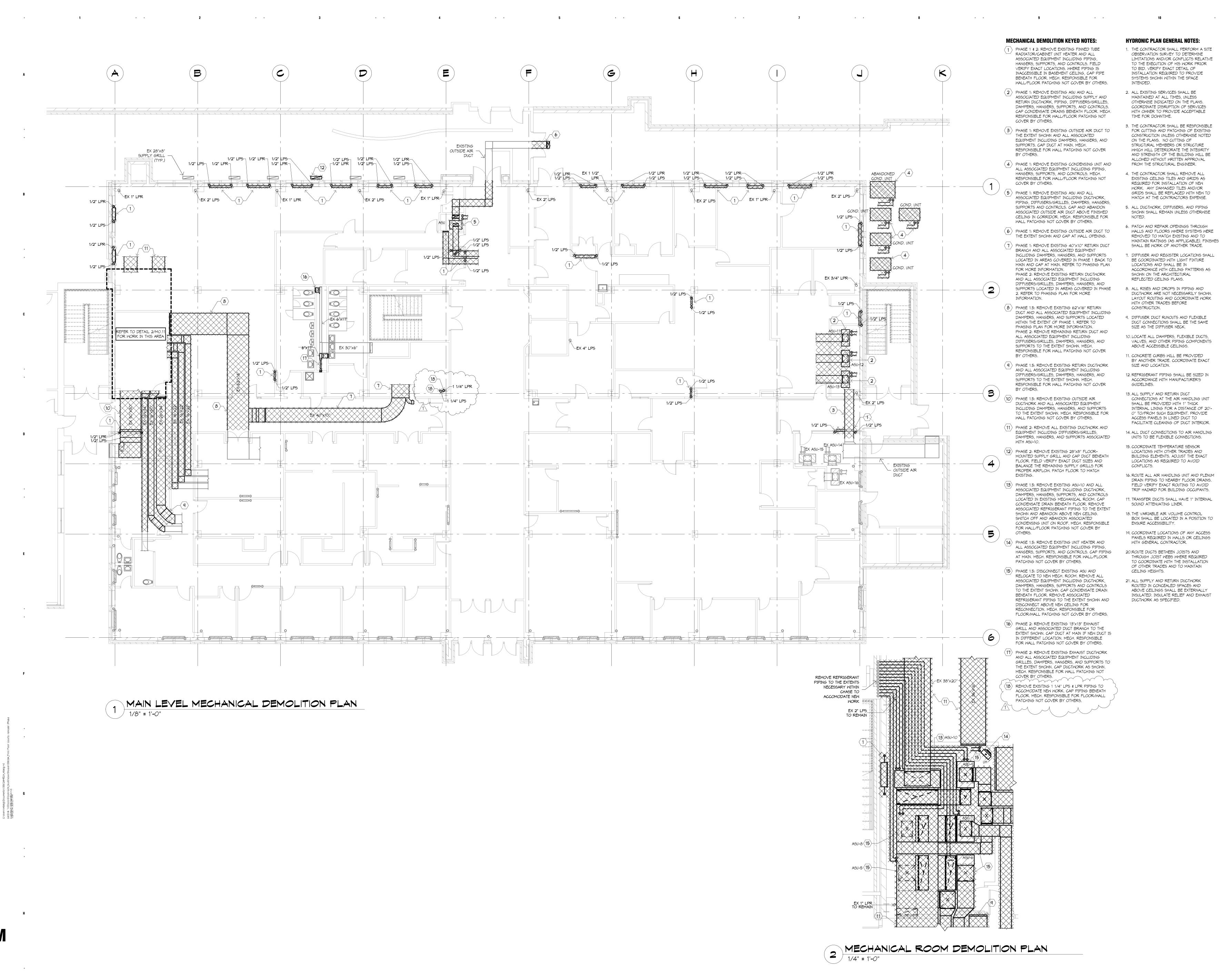
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BASEMENT MECHANICAL DEMOLITION PLAN

1/8" = 1'-0"

• •



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> Scott County 600 West Fourth Street Davenport, Iowa



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Iowa

Comm: 133024

Date: 07/03/14

Drawn: MTB

Check: MTV

MAIN LEVEL
MECHANICAL
DEMOLITION PLAN

Scale: As indicate

M0.11

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Courthouse Remodel Phase I&II

HYDRONIC PLAN GENERAL NOTES:

OBSERVATION SURVEY TO DETERMINE

INSTALLATION REQUIRED TO PROVIDE

SYSTEMS SHOWN WITHIN THE SPACE

2. ALL EXISTING SERVICES SHALL BE

TIME FOR DOWNTIME.

MAINTAINED AT ALL TIMES, UNLESS

OTHERWISE INDICATED ON THE PLANS. COORDINATE DISRUPTION OF SERVICES

WITH OWNER TO PROVIDE ACCEPTABLE

3. THE CONTRACTOR SHALL BE RESPONSIBLE

STRUCTURAL MEMBERS OR STRUCTURE

WHICH WILL DETERIORATE THE INTEGRITY

AND STRENGTH OF THE BUILDING WILL BE ALLOWED WITHOUT WRITTEN APPROVAL

ON THE PLANS. NO CUTTING OF

FROM THE STRUCTURAL ENGINEER.

4. THE CONTRACTOR SHALL REMOVE ALL

EXISTING CEILING TILES AND GRIDS AS

REQUIRED FOR INSTALLATION OF NEW

WORK. ANY DAMAGED TILES AND/OR

GRIDS SHALL BE REPLACED WITH NEW TO

SHOWN SHALL REMAIN UNLESS OTHERWISE

WALLS AND FLOORS WHERE SYSTEMS WERE

MAINTAIN RATINGS (AS APPLICABLE). FINISHES

REMOVED TO MATCH EXISTING AND TO

SHALL BE WORK OF ANOTHER TRADE.

7. DIFFUSER AND REGISTER LOCATIONS SHALL

BE COORDINATED WITH LIGHT FIXTURE

ACCORDANCE WITH CEILING PATTERNS AS

DUCTWORK ARE NOT NECESSARILY SHOWN.

LAYOUT ROUTING AND COORDINATE WORK

LOCATIONS AND SHALL BE IN

SHOWN ON THE ARCHITECTURAL

8. ALL RISES AND DROPS IN PIPING AND

9. DIFFUSER DUCT RUNOUTS AND FLEXIBLE

10. LOCATE ALL DAMPERS, FLEXIBLE DUCTS,

11. CONCRETE CURBS WILL BE PROVIDED

12. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S

BY ANOTHER TRADE. COORDINATE EXACT

CONNECTIONS AT THE AIR HANDLING UNIT

INTERNAL LINING FOR A DISTANCE OF 20'-O" TO/FROM SUCH EQUIPMENT. PROVIDE ACCESS PANELS IN LINED DUCT TO FACILITATE CLEANING OF DUCT INTERIOR.

14. ALL DUCT CONNECTIONS TO AIR HANDLING UNITS TO BE FLEXIBLE CONNECTIONS.

16. ROUTE ALL AIR HANDLING UNIT AND PLENUM DRAIN PIPING TO NEARBY FLOOR DRAINS. FIELD VERIFY EXACT ROUTING TO AVOID TRIP HAZARD FOR BUILDING OCCUPANTS.

17. TRANSFER DUCTS SHALL HAVE 1" INTERNAL

19. COORDINATE LOCATIONS OF ANY ACCESS

PANELS REQUIRED IN WALLS OR CEILINGS

18. THE VARIABLE AIR VOLUME CONTROL BOX SHALL BE LOCATED IN A POSITION TO

SOUND ATTENUATING LINER.

WITH GENERAL CONTRACTOR.

20. ROUTE DUCTS BETWEEN JOISTS AND THROUGH JOIST WEBS WHERE REQUIRED TO COORDINATE WITH THE INSTALLATION OF OTHER TRADES AND TO MAINTAIN

21. ALL SUPPLY AND RETURN DUCTWORK ROUTED IN CONCEALED SPACES AND ABOVE CEILINGS SHALL BE EXTERNALLY INSULATED. INSULATE RELIEF AND EXHAUST

DUCTWORK AS SPECIFIED.

ENSURE ACCESSIBILITY.

CEILING HEIGHTS.

15. COORDINATE TEMPERATURE SENSOR LOCATIONS WITH OTHER TRADES AND BUILDING ELEMENTS. ADJUST THE EXACT LOCATIONS AS REQUIRED TO AVOID

SHALL BE PROVIDED WITH 1" THICK

VALVES, AND OTHER PIPING COMPONENTS

DUCT CONNECTIONS SHALL BE THE SAME

REFLECTED CEILING PLANS.

WITH OTHER TRADES BEFORE

SIZE AS THE DIFFUSER NECK.

ABOVE ACCESSIBLE CEILINGS.

13. ALL SUPPLY AND RETURN DUCT

SIZE AND LOCATION.

GUIDELINES.

CONFLICTS.

CONSTRUCTION.

6. PATCH AND REPAIR OPENINGS THROUGH

MATCH AT THE CONTRACTORS EXPENSE.

FOR CUTTING AND PATCHING OF EXISTING

CONSTRUCTION UNLESS OTHERWISE NOTED

INTENDED.

TO THE EXECUTION OF HIS WORK PRIOR TO BID. VERIFY EXACT DETAIL OF

400 West Fourth Street Davenport, Iowa

LIMITATIONS AND/OR CONFLICTS RELATIVE

Scott County 600 West Fourth Street Davenport, Iowa



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mail@woldae.com

Palatine, IL 60067

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer

Registration Number 18893 ADDENDUM #3 7/30/2014

Date: 07/03/14 Check: MTV

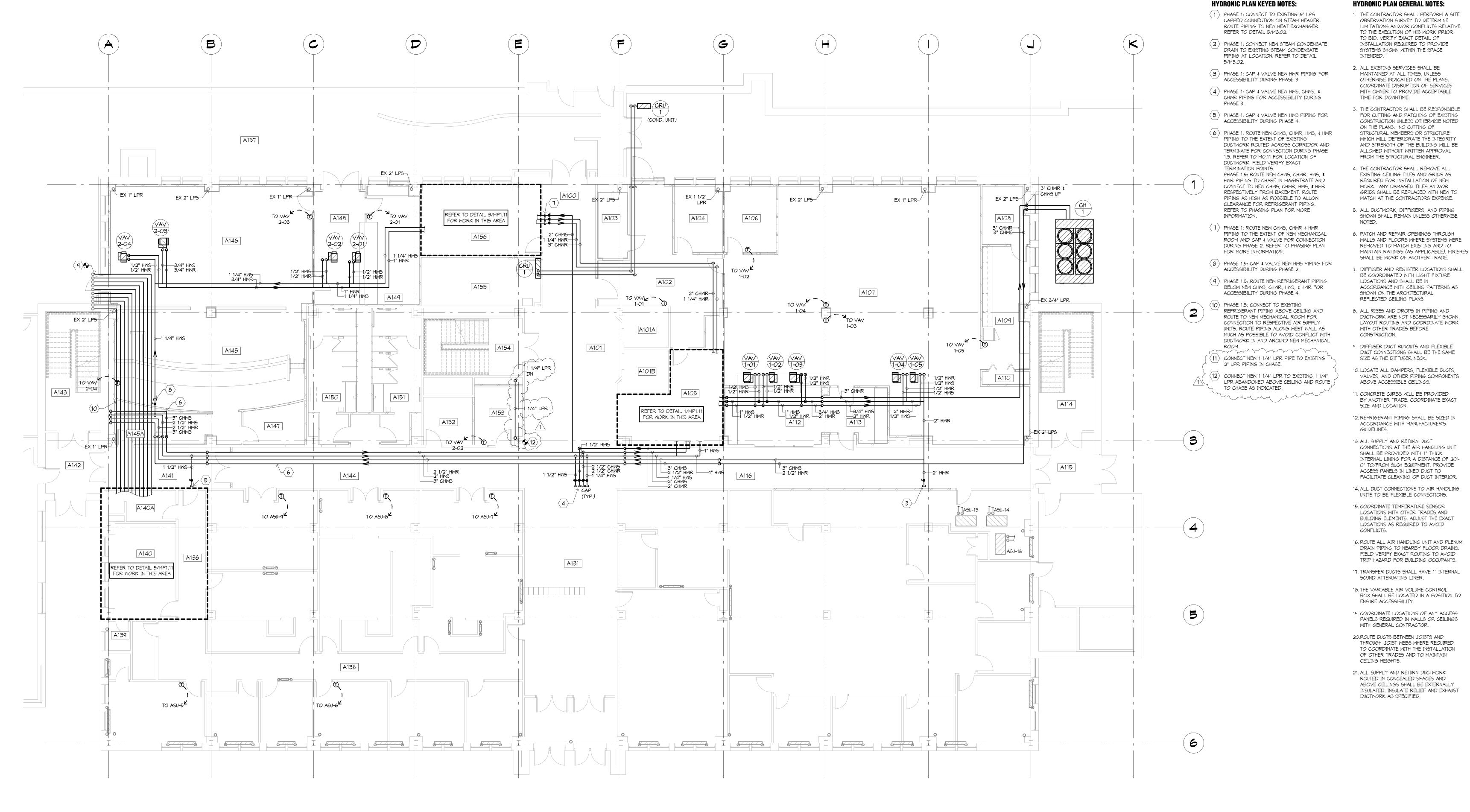
under the laws of the State of

BASEMENT HYDRONIC PIPING, **BOILER ROOM, AND BAS PLAN**

Scale: As indicated

1. PROVIDE AUTOMATIC AIR VENT PIPED TO NEAREST FLOOR DRAIN.

2. UNIT TO BE PROVIDED WITH STRAINER.



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1 MAIN LEVEL HYDRONIC PLAN - AREA 'A'

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Al	R COOLED CHIL	LER SCHED	ULE	CH 'X'														
UNIT	SERVES	MANUFACTURER	MODEL	CAPACITY		EVAPORATOR			AMBIENT	REFIG	COMPRES	50R5	E	ECTRICAL	DATA		EER	REMARKS
NO.			NUMBER	(TONS)	EWT (°F)	LMT (°F)	GPM	MAX P.D.	AIR TEMP	TYPE	NUMBER	TYPE	TOTAL	VOLTS	PHASE	MCA		
									DB (°F)				KM					
CH-1	BUILDING CHILLED WATER	TRANE	CGAM070A2	70.0	54.0°F	42.0°F	114.7	6.2'	95.0°F	R410A	2	SCROLL	79.50	208	3	315.80	9.6	1, 2, 3, 4, 5, 6
NOTES	<u>!</u>																	

6. PROVIDE WITH VIBRATION ISOLATION AND SOUND REDUCTION OPTIONS AS SPECIFIED IN PROJECT MANUAL SECTION 23 64 26.

UNIT SHALL BE SELECTED AS HIGH EFFICIENCY PERFORMANCE CONFIGURATION.
 UNIT SHALL BE SELECTED AS AN ASME RATED PRESSURE VESSEL.
 EVAPORATOR SHALL BE CONFIGURED AS 1-PASS INSULATED ARRANGEMENT.
 UNIT SHALL HAVE A SINGLE POINT POWER CONNECTION.

5. PROVIDE WITH BACNET COMMUNICATIONS INTERFACE.

1. ALL COILS SELECTED AT 160 ENTERING WATER TEMPERATURE AND 120 LEAVING WATER TEMPERATURE.

2. ALL COILS SHALL HAVE TYPE B COIL CONNECTIONS. REFER TO DETAIL 14/M3.01. 3. HEATING COIL CAPACITIES ARE SELECTED AT THE MAXIMUM CFM.

4. PROVIDE FOR MULTIPLE ROW COILS AS REQUIRED TO MEET COIL DATA. UPSIZE BOX SIZE IF REQUIRED TO NOT EXCEED THE MAXIMUM PRESSURE DROP AS SCHEDULED.
5. COIL CONNECTIONS AND CONTROL BOX FOR EACH VAV TERMINAL SHALL BE PROVIDED IN LOCATION INDICATED ON THE HVAC FLOOR PLAN DRAWINGS.
6. PROVIDE EQUIVALENT OVAL SIZE CONNECTIONS TO ACCOMMODATE SPECIFIC MANUFACTURERS BOX SIZES.

CC	OMPUTER ROOM	I UNIT SCHE	DULE CRU											
UNIT NO.	SERVES	MANUFAC.	COOLING CAPACITY	MODEL	CFM	UNIT DATA	VOLTS	PHASE	MODEL	OUTDOOR REFRIG.	UNIT DATA	VOLTS	PHASE	REMARKS
			(BTU/H)	NUMBER	(MED.)				NUMBER	TYPE				
RU-1	IDF (A155)	MITSUBISHI	22.500	MSY-GE24NA	470	1.0	208	1	MUY GE24NA	R410A	17.1	208	1	1. 2

PROVIDE WITH FACTORY OPTIONAL LOW AMBIENT WIND BAFFLE KIT.
 SECURE CONDENSING UNIT TO 14" HIGH RAILS.

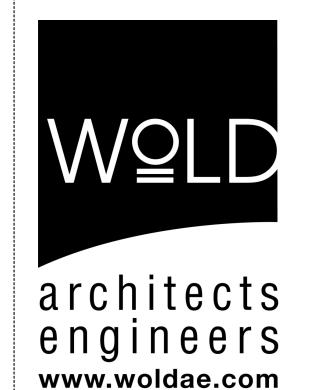
BL	JFFER TANK SCI	HEDULE (BT 'X'						
UNIT NO.	SERVES	MANUFACTURER	MODEL NUMBER	TANK TYPE	ACCEPTANCE VOLUME (GALLONS)	TANK HEIGHT	TANK DIA.	CONN. SIZE	REMARKS
BT-1	CHILLED WATER LOOP	TACO	BTH0300F03	INT. BAFFLE	300	82"	36"	3"	1, 2

1. PROVIDE AUTOMATIC AIR VENT PIPED TO NEAREST FLOOR DRAIN.
2. PROVIDE INSULATION PER PROJECT MANUAL SECTION 23 07 00.

Courthouse Remodel
Phase I&II

400 West Fourth Street Davenport, Iowa

> Scott County 600 West Fourth Street Davenport, Iowa



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Professional Engineer

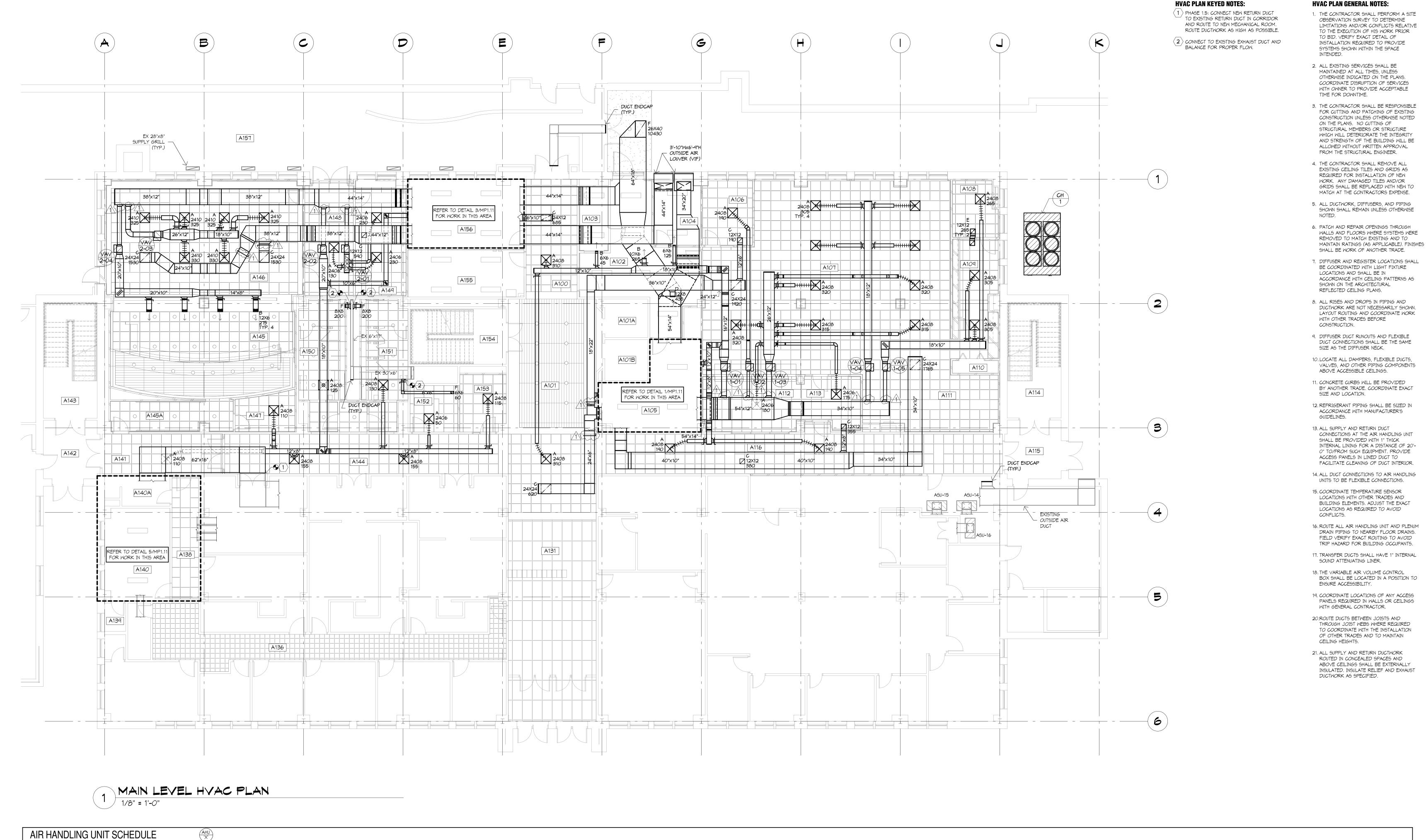
under the laws of the State of

MAIN LEVEL
HYDRONIC PIPING
AND BAS PLAN

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

Check: MTV

M1 11



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SMOKE DETECTORS ARE PROVIDED BY THE ELECTRICAL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
 REFER TO DETAIL 13/M3.01 FOR HEATING AND COOLING COIL PIPING SCHEMATICS. PROVIDE A SEPARATE CONTROL VALVE FOR EACH COIL SECTION OF AIR HANDLING UNITS WITH MULTIPLE COILS.
 REFER TO SECTIONS OF UNITS ON SHEET MP1.11 FOR AIR HANDLING UNIT COMPONENTS.
 SELECT HEATING COILS FOR ENTERING WATER TEMPERATURE OF 160°F, LEAVING WATER TEMPERATURE IS 120°F.

5. SELECT COOLING COILS FOR ENTERING WATER TEMPERATURE OF 42°F, LEAVING WATER TEMPERATURE IS 54°F. CHILLED WATER CONTAINS 35% PROPYLENE GLYCOL.

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TEMPERATURE CONTROL CONTRACTOR TO PROVIDE VARIABLE FREQUENCY DRIVE, INSTALLATION BY ELECTRICAL CONTRACTOR.
 ALL VARIABLE FREQUENCY DRIVES FOR THE ENTIRE PROJECT SHALL BE BY THE SAME MANUFACTURER.
 TEMPERATURE CONTROL CONTRACTOR TO PROVIDE CONTROL VALVES AS INDICATED ON SCHEDULE, INSTALLATION BY MECH. CONTRACTOR.
 PROVIDE COOLING COIL DRAIN TRAP PER DETAIL 15/M3.01. SIZE PIPE PER MANUFACTURER'S RECOMMENDATIONS. ROUTE TO NEARBY FLOOR DRAIN.

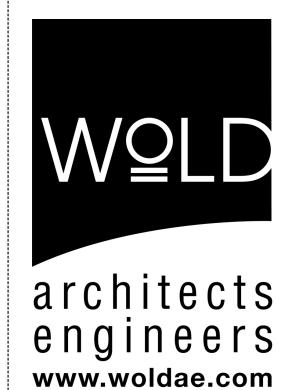
9. PROVIDE UNI-STRUT RACK TO MOUNT VARIABLE FREQUENCY DRIVE NEAR AIR HANDLING UNIT. RACK SHALL BE LARGE ENOUGH TO MOUNT DISCONNECT SWITCH PROVIDED BY ELECTRICAL. COORDINATE RACK LOCATION WITH ACCESS REQUIREMENTS OF AIR HANDLING UNIT.

GR	LLES, REGISTERS, AND DIFFUS	SERS SCHEDULE		
TYPE	SERVICE	MANUFACTURER & MODEL NUMBER	DESCRIPTION	REMARKS
Α	SUPPLY AIR DIFFUSER (LAY-IN CEILING MOUNT)	TITUS OMNI (BORDER TYPE 3)	STEEL SUPPLY AIR DIFFUSER OF THE SIZE INDICATED ON THE PLANS WITH ROUND INLET NECK, STEEL SQUARE PLAQUE FACE PANEL, FLUSH FACE, HEAVY GAUGE STEEL BACK PAN, AND FACTORY BAKED WHITE ENAMEL FINISH. PATTERN ADJUSTERS SHALL BE LOCATED IN THE DIFFUSER NECK, NOT ATTACHED TO SQUARE PLAQUE FACE.	-
В	SUPPLY AIR GRILLE (SURFACE MOUNT)	TITUS MODEL 272RS (BORDER TYPE 1)	ALL STEEL SUPPLY REGISTER OF THE SIZE INDICATED ON THE PLANS. PROVIDE WITH DOUBLE DEFLECTION VERTICAL AIRFOIL BLADES AT A FIXED 45° PATTERN AT 3/4" SPACING, OPPOSED BLADE DAMPER, AND FACTORY BAKED WHITE ENAMEL FINISH.	-
С	RETURN AIR GRILLE (LAY-IN CEILING MOUNT)	TITUS MODEL 350RL (BORDER TYPE 3)	ALL STEEL RETURN REGISTER OF THE SIZE INDICATED ON THE PLANS. PROVIDE WITH DOUBLE DEFLECTION HORIZONTAL BLADES AT A FIXED 35° PATTERN AT 3/4" SPACING, OPPOSED BLADE DAMPER, AND FACTORY BAKED WHITE ENAMEL FINISH.	-
D	RETURN AIR GRILLE (SURFACE MOUNT)	TITUS MODEL 350RL (BORDER TYPE 1)	SAME AS TYPE 'C' EXCEPT BORDER TYPE 1.	-
E	TRANSFER GRILLE (LAY-IN CEILING MOUNT)	TITUS MODEL 350RL (BORDER TYPE 3)	ALL STEEL TRANSFER GRILLE OF THE SIZE INDICATED ON THE PLANS. PROVIDE WITH SINGLE DEFLECTION HORIZONTAL BLADES AT A FIXED 35° PATTERN AT 3/4" SPACING AND FACTORY BAKED WHITE ENAMEL FINISH.	-
F	EXHAUST GRILLE	TITUS MODEL 350RL	ALL STEEL EXHAUST GRILLE OF THE SIZE INDICATED ON THE PLANS. PROVIDE WITH SINGLE DEFLECTION HORIZONTAL BLADES AT A FIXED 35° PATTERN AT 3/4" SPACING, OPPOSED BLADE DAMPER, AND FACTORY BAKED WHITE ENAMEL FINISH.	-

Courthouse Remodel Phase I&II

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Professional Engineer

Matthew T. Verdun

Registration Number 18893 Date 07/03/14

Revisions

Description Date No. ADDENDUM #3 7/30/2014

Comm: 133024

Date: 07/03/14

Drawn: MTB

under the laws of the State of

Check: MTV North

MAIN LEVEL HVAC

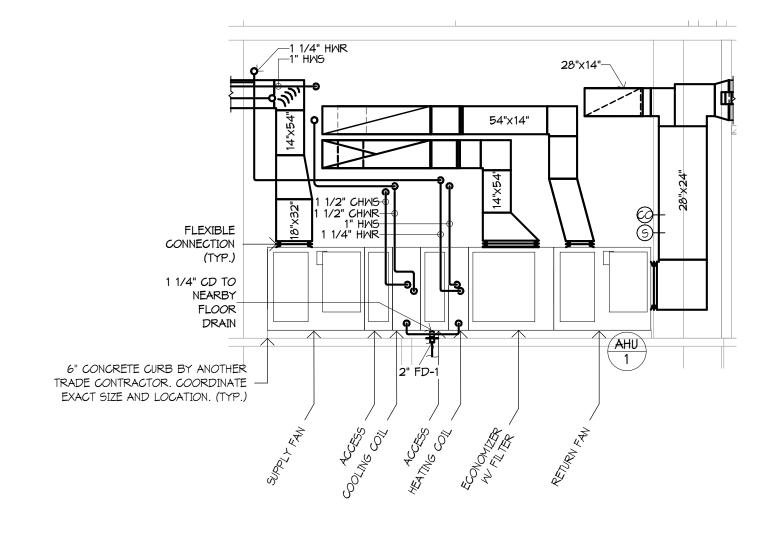
PLAN

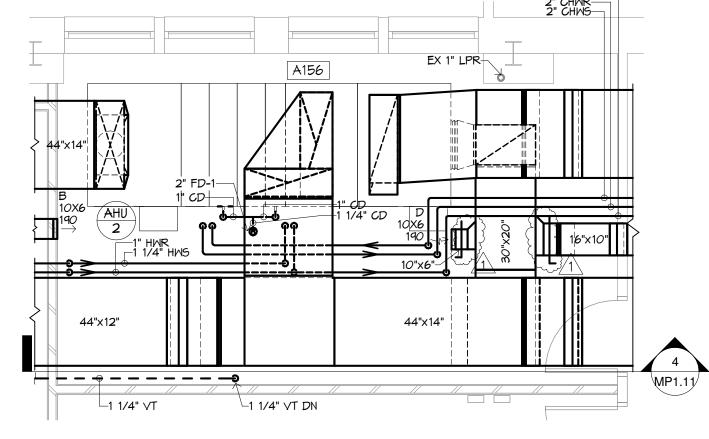
Scale: 1/8" = 1'-0"

M2.11

MECHANICAL ROOM PLAN

1/4" = 1'-0"





MECHANICAL ROOM PLAN

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MECHANICAL PLAN KEYED NOTES: 1 EQUIP ASU WITH MOTORIZED RETURN DAMPER OF SIZE INDICATED ON PLAN.

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(2) ROUTE REFRIGERANT PIPING TO RESPECTIVE ASU.

(3) CONNECT NEW SUPPLY DUCT TO RESPECTIVE EXISTING SUPPLY DUCT. FIELD VERIFY EXACT DUCT SIZE AND CONNECTION

4 CONNECT NEW RETURN DUCT TO EXISTING RETURN DUCT. FIELD VERIFY EXACT DUCT SIZE AND CONNECTION POINT.

(5) CONNECT NEW OUTSIDE AIR DUCT TO EXISTING OUTSIDE AIR DUCT. FIELD VERIFY EXACT DUCT SIZE AND CONNECTION POINT. 6 CONNECT NEW 1 1/4" VT PIPE TO EXISTING 2" VT STACK IN CHASE.

2. ALL EXISTING SERVICES SHALL BE MAINTAINED AT ALL TIMES, UNLESS OTHERWISE INDICATED ON THE PLANS. COORDINATE DISRUPTION OF SERVICES WITH OWNER TO PROVIDE ACCEPTABLE TIME FOR DOWNTIME.

BID. VERIFY EXACT DETAIL OF INSTALLATION REQUIRED TO PROVIDE

INTENDED.

SYSTEMS SHOWN WITHIN THE SPACE

MECHANICAL PLAN GENERAL NOTES:

1. THE CONTRACTOR SHALL PERFORM A SITE

TO THE EXECUTION OF HIS WORK PRIOR TO

OBSERVATION SURVEY TO DETERMINE LIMITATIONS AND/OR CONFLICTS RELATIVE **Courthouse Remodel**

Phase I&II

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3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING OF EXISTING CONSTRUCTION UNLESS OTHERWISE NOTED ON THE PLANS. NO CUTTING OF STRUCTURAL MEMBERS OR STRUCTURE WHICH WILL DETERIORATE THE INTEGRITY AND STRENGTH OF THE BUILDING WILL BE ALLOWED WITHOUT WRITTEN APPROVAL

4. THE CONTRACTOR SHALL REMOVE ALL EXISTING CEILING TILES AND GRIDS AS REQUIRED FOR INSTALLATION OF NEW WORK. ANY DAMAGED TILES AND/OR GRIDS SHALL BE REPLACED WITH NEW TO MATCH AT THE CONTRACTORS EXPENSE. 5. ALL DUCTWORK, DIFFUSERS, AND PIPING

SHOWN SHALL REMAIN UNLESS OTHERWISE

FROM THE STRUCTURAL ENGINEER.

6. PATCH AND REPAIR OPENINGS THROUGH WALLS AND FLOORS WHERE SYSTEMS WERE REMOVED TO MATCH EXISTING AND TO MAINTAIN RATINGS (AS APPLICABLE). FINISHES SHALL BE WORK OF ANOTHER

DIFFUSER AND REGISTER LOCATIONS SHALL BE COORDINATED WITH LIGHT FIXTURE LOCATIONS AND SHALL BE IN ACCORDANCE WITH CEILING PATTERNS AS SHOWN ON THE ARCHITECTURAL REFLECTED CEILING PLANS. 8. ALL RISES AND DROPS IN PIPING AND

DUCTWORK ARE NOT NECESSARILY SHOWN.

LAYOUT ROUTING AND COORDINATE WORK

CONSTRUCTION. 9. DIFFUSER DUCT RUNOUTS AND FLEXIBLE DUCT CONNECTIONS SHALL BE THE SAME

10. LOCATE ALL DAMPERS, FLEXIBLE DUCTS, VALVES, AND OTHER PIPING COMPONENTS ABOVE ACCESSIBLE CEILINGS.

SIZE AS THE DIFFUSER NECK.

WITH OTHER TRADES BEFORE

11. CONCRETE CURBS WILL BE PROVIDED BY ANOTHER TRADE. COORDINATE EXACT SIZE AND LOCATION.

12. REFRIGERANT PIPING SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.

13. ALL SUPPLY AND RETURN DUCT CONNECTIONS AT THE AIR HANDLING UNIT SHALL BE PROVIDED WITH 1" THICK INTERNAL LINING FOR A DISTANCE OF 20'-O" TO/FROM SUCH EQUIPMENT. PROVIDE ACCESS PANELS IN LINED DUCT TO FACILITATE CLEANING OF DUCT INTERIOR. 14. ALL DUCT CONNECTIONS TO AIR HANDLING

UNITS TO BE FLEXIBLE CONNECTIONS. 15. COORDINATE TEMPERATURE SENSOR LOCATIONS WITH OTHER TRADES AND BUILDING ELEMENTS. ADJUST THE EXACT

CONFLICTS. 16. ROUTE ALL AIR HANDLING UNIT AND PLENUM DRAIN PIPING TO NEARBY FLOOR DRAINS. FIELD VERIFY EXACT ROUTING TO AVOID TRIP HAZARD FOR BUILDING OCCUPANTS.

SHALL BE LOCATED IN A POSITION TO

LOCATIONS AS REQUIRED TO AVOID

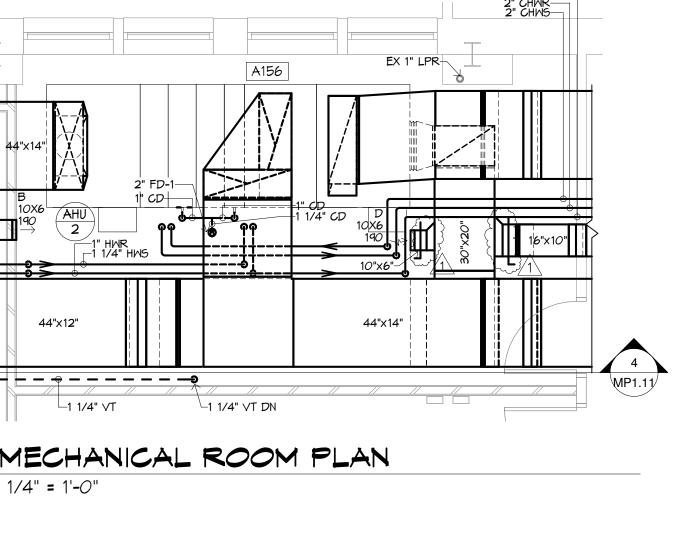
17. TRANSFER DUCTS SHALL HAVE 1" INTERNAL SOUND ATTENUATING LINER. 18. THE VARIABLE AIR VOLUME CONTROL BOX

ENSURE ACCESSIBILITY. 19. COORDINATE LOCATIONS OF ANY ACCESS PANELS REQUIRED IN WALLS OR CEILINGS WITH GENERAL CONTRACTOR.

20. ROUTE DUCTS BETWEEN JOISTS AND THROUGH JOIST WEBS WHERE REQUIRED TO COORDINATE WITH THE INSTALLATION OF OTHER TRADES AND TO MAINTAIN CEILING

21. ALL SUPPLY AND RETURN DUCTWORK ROUTED IN CONCEALED SPACES AND ABOVE CEILINGS SHALL BE EXTERNALLY INSULATED. INSULATE RELIEF AND EXHAUST DUCTWORK AS SPECIFIED.

22.ALL REFRIGERANT GASES SHALL BE RECLAIMED IN ACCORDANCE WITH APPLICABLE STANDARDS PRIOR TO DEMOLITION. PROVIDE NEW REFRIGERANT CHARGE TO EXISTING SYSTEMS UPON COMPLETION OF NEW WORK.



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NEAREST $\mathsf{FLOOR}^{ op}$

36"x18"

2" CD-50"x30"

2" CD-

EX 1/2" LPS

EX 1/2" LPR

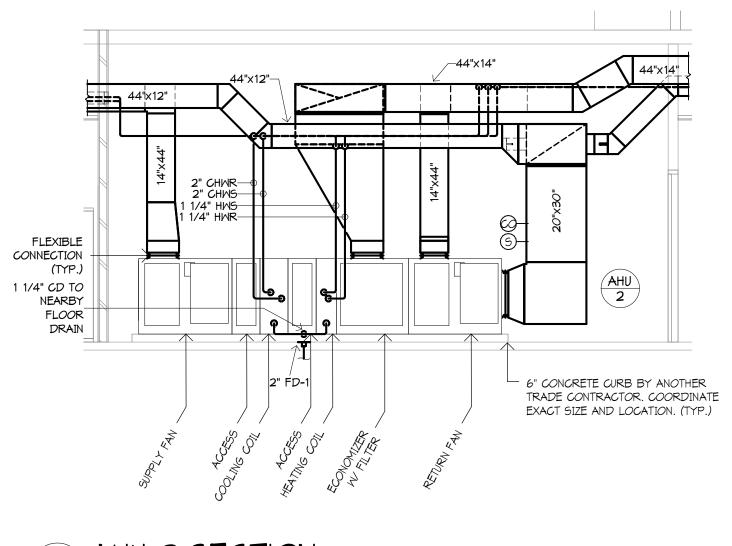
48"x18"

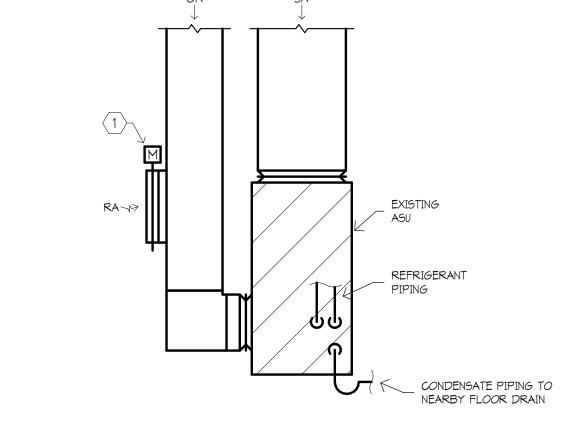
1 1/4" CD EX 1/2" LPS

EX 1/2" LPR

EX 1" LPR->0

38"x14"





TYPICAL EXISTING ASU SECTION NOT TO SCALE

MECHANICAL ROOM PLAN

MECHANICAL AND PLUMBING LINETYPES

 (D
 CD
 LPS
 LPR
 —— CNS ———
 LIQ —
 SUC
 HG
 BF
 FP

DOMESTIC COLD WATER PIPING DOMESTIC HOT WATER PIPING YENT PIPING SANITARY WASTE ABOVE GROUND PIPING CONDENSATE DRAIN PIPING BUILDING HEATING WATER SUPPLY PIPING BUILDING HEATING WATER RETURN PIPING LOW PRESSURE STEAM PIPING LOW PRESSURE CONDENSATE RETURN PIPING BUILDING CHILLED WATER SUPPLY PIPING BUILDING CHILLED WATER RETURN PIPING BUILDING CHILLER CONDENSER WATER SUPPLY PIPING BUILDING CHILLER CONDENSER WATER RETURN PIPING DX REFRIGERATION SYSTEM LIQUID PIPING

DX REFRIGERATION SYSTEM SUCTION PIPING

DX REFRIGERATION SYSTEM HOT GAS PIPING

NEW FIRE PROTECTION PIPING (WET-PIPE SYSTEM)

BOILER FEED PIPING

MECHANICAL AND PLUMBING ABBREVIATIONS AREA DRAIN GR ABOVE FINISHED FLOOR HB AHAP HCM AS HIGH AS POSSIBLE BFF BELOW FINISHED FLOOR BLDG BUILDING

BASEMENT BTWN BETWEEN CB CATCH BASIN CFM CUBIC FEET/MINUTE CHM CIRCULATING HOT WATER CLG CEILING CLEANOUT CONCR CONCRETE CONTRACTOR COLD WATER DRY BULB DEG DEGREE DIAMETER DIA DIFF DIFFUSER ENTERING AIR TEMPERATURE SQUARE FEET RADIATION EFFICIENCY ELBOW ELEC ELECTRICAL ELEV ELEVATION EMT ENTERING WATER TEMPERATURE

EXHAUST

EXISTING

FLOOR

GPM GALLONS/MINUTE

FLOOR DRAIN

FIRE HYDRANT

FTR FINNED TUBE RADIATION

GENERAL

FULL LOAD AMPS

DEGREES FAHRENHEIT

FLOAT AND THERMOSTATIC

EXH

FLA

FLR

GEN

EXIST

LEAVING WATER TEMPERATURE LMT MAX MAXIMUM MBH 1000 BTU MECH MECHANICAL MANHOLE MINIMUM NOT TO SCALE OUTSIDE AIR OPPOSED BLADE DAMPER OBDOVERFLOW ROOF DRAIN PLUMBING FIXTURE NUMBER P & T PRESSURE AND THERMOSTATIC PD PRESSURE DROP PLBG PLUMBING QUAN QUANTITY RA RETURN AIR RD ROOF DRAIN REG REGISTER REQ'D REQUIRED RPM REVOLUTIONS/MINUTE SA SUPPLY AIR SCW SOFT COLD WATER SHT SHEET SP STATIC PRESSURE TD TEMPERATURE DIFFERENCE VTR VENT THROUGH ROOF M/ MITH MB MET BULB MH WALL HYDRANT

GRILLE

HOSE BIBB

HOT WATER

INVERT

LAT

KILOWATT

HARD COLD WATER

LEAVING AIR TEMPERATURE

HORSE POWER

1/4" = 1'-0"

MECHANICAL AND PLUMBING SYMBOLS

PRESSURE GAGE AIR VENT

STRAINER PIPING GUIDE PIPING ANCHOR EXPANSION JOINT

- DIRECTION OF FLOW — CONCENTRIC REDUCER

ECCENTRIC REDUCER ELBOW DOWN

---O ELBOW UP TEE CONNECTION DOWN TEE CONNECTION UP ----- PIPING CONNECTION

FINNED TUBE RADIATION FLOOR DRAIN

_____ SHOCK ABSORBER

______ TWO WAY TEMPERATURE CONTROL VALVE THREE WAY TEMPERATURE CONTROL VALVE **──** UNION _____ THERMOMETER BALL VALVE

BUTTERFLY VALVE **—**✓ GATE VALVE — CHECK VALVE **────** GLOBE VALVE PRESSURE OR PRESSURE/

ANGLE VALVE SOLENOID VALVE

LUBRICATED PLUG GAS COCK BALANCING VALVE φ------ FLOOR CLEANOUT CLEANOUT

TEMPERATURE RELIEF VALVE PRESSURE REDUCING VALVE

SUPPLY DUCT ELBOW DOWN SUPPLY DUCT ELBOW UP RETURN/EXHAUST ELBOW DOWN RETURN/EXHAUST ELBOW UP OUTSIDE AIR ELBOW DOWN OUTSIDE AIR ELBOW UP CONNECT TO EXISTING

AIR DEVICE TAGS: SUPPLY DIFFUSER

A (---

A (_____TYPE (24x12)

12x8 SIZE NECK DIA. 250 AIR FLOW (CFM) RETURN GRILLE

EXHAUST, TRANSFER & RETURN REGISTERS & GRILLES 12x8 (250 (AIR FLOW (CFM)

SUPPLY REGISTER OR GRILLE

DUCT SMOKE DETECTOR MOTORIZED O.B. DAMPER ACCESS PANEL ELBOW W/ TURNING VANES

LONG RADIUS DUCT ELBOW

→ SUPPLY AIR FLOW RETURN AIR FLOW F FIRE DAMPER (S) DUCT SMOKE DETECTOR CO—— CARBON DIOXIDE SENSOR MANUAL VOLUME DAMPER

SUPPLY AIR DIFFUSER RETURN/EXHAUST AIR REGISTER/GRILLE SUPPLY AIR REGISTER SUPPLY DIFFUSER TAKE-OFF W/ VOLUME DAMPER, MAXIMUM FLEX DUCT LENGTH 4'-0"

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> Matthew T. Verdun Registration Number 18893 Date 07/03/14 ADDENDUM #3 7/30/2014 **Date:** 07/03/14

MECHANICAL ROOM PLANS

Scale: As indicated

Drawn: MTB

Check: MTV

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0 0

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MAIN LEVEL DEMOLITION PLAN

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GENERAL NOTES

- A. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PHASES OF DEMOLITION AND CONSTRUCTION. COORDINATE
- WITH GENERAL CONSTRUCTION.

 B. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES IN DEMOLITION AREAS UNLESS NOTED
- C. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN WALLS TO BE DEMOLISHED. WALLS TO BE DEMOLISHED ARE SHOWN DASHED. DISCONNECT AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO LAST REMAINING DEVICE. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF CIRCUIT(S) TO ANY EXISTING DEVICES TO REMAIN. COORDINATE AND VERIFY REQUIREMENTS WITH NEW WORK IN AREA.
- D. FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY
 FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS
 ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES
 ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER
 DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
- E. FURNISH AND INSTALL CONDUIT AND/OR COMMUNICATIONS/
 DATA WIRING AS NECESSARY FOR CONTINUITY OF ANY WIRING
 ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES
 ANY COMMUNICATIONS/DATA EQUIPMENT OR DEVICES TO
 REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS
- F. DISCONNECT AND REMOVE LIGHT SWITCHES IN DEMOLITION
 AREAS AS NECESSARY TO ACCOMMODATE NEW DOOR
- CONFIGURATIONS.

 G DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL
 DEVICES AND BACK BOXES AS NECESSARY WHERE NEW WALL
 CONSTRUCTION WILL INTERSECT AN EXISTING WALL.
 FURNISH AND INSTALL CONDUIT AND WIRE AS REQUIRED FOR
 CONTINUITY OF CIRCUIT(5).
- H. FURNISH AND INSTALL BLANK COVER PLATES OVER ALL EXISTING UNUSED OPENINGS.

KEYED SHEET NOTES

- DEMOLISH ALL LIGHTING, POWER, AND SYSTEMS IN THE ROOMS
 OUTLINED UNLESS NOTED OTHERWISE. ALL CONDUIT AND
 WIRTING ARE TO DEMOLISHED RACK TO SOURCE
- WIRING ARE TO DEMOLISHED BACK TO SOURCE.

 2. NO ELECTRICAL WORK IN THIS AREA. MAINTAIN CONNECTIONS AS REQUIRED.
- 3. EXISTING TELEPHONE ROOM TO BE USED AS PHASE I
 MECHANICAL ROOM. EQUIPMENT IN USE TO BE RELOCATED TO
 IDF A114 BY COUNTY. PROTECT CABLES IDENTIFIED BY COUNTY
 TO REMAIN. DEMOLISH ALL OTHER DEVICES, EQUIPMENT,
- CABLING, PANELS, ETC THIS ROOM.
 4. EXISTING BALIFF'S STATION TO REMAIN. PROTECT AND
- MAINTAIN ELECTRICAL CONNECTIONS TO STATION.

 EXISTING IDF ROOM TO BE EXPANDED. PROTECT AND MAINTAIN EXISTING RACK AND CABLING. PROVIDE PROTECTION FROM DUST AND DEBRIS DURING DEMOLITION AND CONSTRUCTION.
- ACCOMODATE CONSTRUCTION OF CHASE WALL.

 6. EXISTING VIDEO EQUIPMENT EQUIPMENT RACK AND ASSOCIATED CABLING TO BE RELOCATED BY COUNTY TO IDF A114.

REPLACE LIGHTING. RELOCATE RACK AS REQUIRED TO

- DEMOLISH ASSOCIATED POWER AND RACEWAY.

 7. EXISTING TELECOMMUNICATIONS RACK AND ASSOCIATED

 CABLING TO BE RELOCATED BY STATE TO IDE A114. DEMO
- CABLING TO BE RELOCATED BY STATE TO IDF A114. DEMOLISH
 ASSOCIATED POWER AND RACEWAY.
- EXISTING PANEL FEEDING TO REMAIN. DEMOLISH EXISTING
 COVER FOR NEW FLUSH COVER.

 EXISTING PANEL FEEDING MECHANICAL EQUIPMENT. MAINTAIN
- IN PLACE UNTIL MECHANICAL EQUIPMENT HAS BEEN RELOCATED
 TO PHASE II MECHANICAL ROOM, THEN DEMOLISH PANEL,
 BRANCH CIRCUITS, AND FEEDER BACK TO SOURCE.

 10. PROVIDE TEMPORARY WALL MOUNTED FLUORESCENT STRIPS
- (TYPE 'T') IN CORRIDOR UNTIL CEILING CONSTRUCTION IS
 COMPLETE. CONNECT TO EXISTING EMERGENCY CIRCUITS.
 COORDINATE EXACT LOCATIONS WITH ARCHITECTS AND OTHER
 DISCIPLINES.

 11. MAINTAIN EGRESS LIGHTING AND EXIT SIGNAGE IN CORRIDOR
- AS REQUIRED DURING CONSTRUCTION.

 12. DISCONNECT EXISTING MECHANICAL UNIT AND DEMOLISH
 ASSOCIATED FEEDER BACK TO SOURCE. RELABEL
- OVERCURRENT PROTECTION AS "SPARE".

 13. DEMOLISH LIGHTING AND CONTROLS IN THIS AREA.

 14. DISCONNECT ELECTRICAL AT MECHANICAL UNITS TO BE REUSED. DEMOLISH ASSOCIATED FEEDERS BACK TO SOURCE.
- REFEED FROM NEW PANEL AS SHOWN ON MOTOR SCHEDULE.
 FIELD VERIFY OCPD AND REQUIRED FEEDER SIZE.

 15. DEMOLISH EXISTING PANELBOARD AND FEEDER BACK TO
- 15. DEMOLISH EXISTING PANELBOARD AND FEEDER BACK TO

 50VRCE.

 16. DEMOLISH EXISTING PULLBOX. INTERCEPT CONDUITS AND WIRES
 FEEDING 2ND FLOOR LOADS AND EXTEND AS REQUIRED.
- ASSUME 400A FEEDER AND (3) 20A/1P CIRCUITS. MINIMIZE DOWNTIME TO LOADS, COORDINATE SCHEDULING WITH COUNTY.

 17. DEMOLISH EXISTING PANEL AND FEEDER BACK TO SOURCE. INTERCEPT AND EXTEND IN-USE BRANCH CIRCUITS. ASSUME (30) 20A/1P CIRCUITS NEED RELOCATED.

1

SCOTT COUNTY
COURTHOUSE REMODEL
PHASE 1&II
600 West Fourth Street

Scott County 600 West Fourth Street Davenport, Iowa

Davenport, Iowa



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Dubuque, IA 52003 mail@woldae.com

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed PROFESSIONAL ENGINEER under the laws of the State of IOWA

BRADLEY R. JOHANNSEN

Registration Number 18475 Date 7/3/14

 Comm:
 133024

 Date:
 7/3/14

 Drawn:
 A. NILSON

 Check:
 B. JOHANNSEN

MAIN LEVEL
ELECTRICAL
DEMOLITION PLAN

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

E1.1

GENERAL NOTES

- A. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER
- FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

 B. CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF
- FIXTURES AND CONTROL OF DEVICES.

 C. ALL WALLS AND FLOOR MOUNTED BACK BOXES AND JUNCTION BOXES SHALL BE MOUNTED RECESSED.
- D. GFCI RECEPTACLES SHALL BE WIRED TO PROTECT ONLY THE DEVICES IN THAT OUTLET BOX. DOWNSTREAM DEVICES SHALL NOT BE PROTECTED BY GFCI.
- E. CIRCUIT NUMBERS SHOWN ARE FOR SCHEMATIC PURPOSES AND ARE FOR DISTINGUISHING CIRCUITS. RECORD AS-BUILT CIRCUITING IN A TYPED AND DATED PANELBOARD SCHEDULE.

POWER KEYED SHEET NOTES

1. ROUTE (1) 4"C FROM MER TO MAIN LEVEL IDF FOR USE BY

- 2. POKE THROUGHS FROM COURTROOM ABOVE. BASEMENT CEILING
 IS PLASTER AND LATHE. PROVIDE CLEAN ACCESS TO POKETHROUGH ABOVE. PROVIDE J-HOOKS AS REQUIRED TO ALLOW
 CABLE ACCESS FROM CONDUITS AT NOTE 3 TO POKE-THROUGHS
 AT NOTE 2
- PROVIDE CONDUIT STUB-UP TO WALL SPACE ABOVE. REFER TO SHEET E4.1 FOR MORE INFORMATION.
 EXISTING NOTIFIER PANEL. CONNECT ALL FIRE ALARM DEVICES
- 4. EXISTING NOTIFIER PANEL. CONNECT ALL FIRE ALARM DEVICES TO THIS EQUIPMENT.
- 5. FEED ALL NEW EMERGENCY LIGHTING CIRCUITS FROM PANEL EM-B-1 OR NEAREST AVAILABLE NON-UPS EMERGENCY PANEL.

architects

SCOTT COUNTY

PHASE I&II

Davenport, Iowa

Scott County

Davenport, Iowa

600 West Fourth Street

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COURTHOUSE REMODEL

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BRADLEY R. JOHANNSEN

Registration Number 18475 Date 7/3/14

Comm: 133024

Date: 7/3/14

Drawn: A. NILSON

Drawn:

A. NILSON

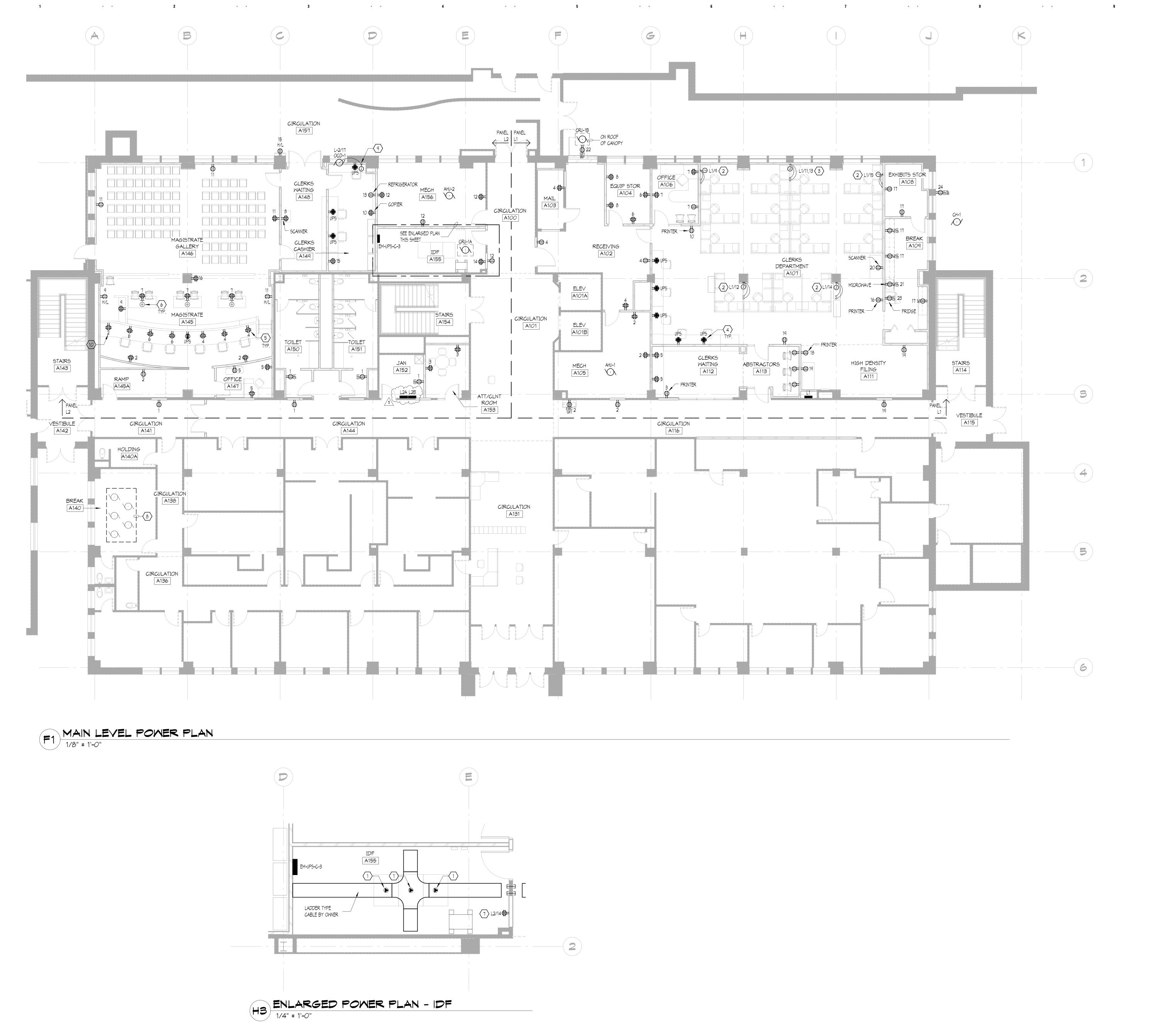
B. JOHANNSEN

North

ELECTRICAL POWER
PLAN

Scale: As indicated

E3.0



IA

GENERAL NOTES

- A. VERIFY LOCATIONS AND ROUGH-IN REQUIREMENTS OF ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.
- B. CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES. C. ALL WALLS AND FLOOR MOUNTED BACK BOXES AND JUNCTION
- BOXES SHALL BE MOUNTED RECESSED. D. GFCI RECEPTACLES SHALL BE WIRED TO PROTECT ONLY THE DEVICES IN THAT OUTLET BOX. DOWNSTREAM DEVICES SHALL
- NOT BE PROTECTED BY GFCI. E. CIRCUIT NUMBERS SHOWN ARE FOR SCHEMATIC PURPOSES AND
- ARE FOR DISTINGUISHING CIRCUITS. RECORD AS-BUILT CIRCUITING IN A TYPED AND DATED PANELBOARD SCHEDULE. . COORDINATE ALL FINAL LOCATIONS AND ELEVATIONS FOR OUTLETS IN FURNITURE SYSTEMS.

KEYED SHEET NOTES

- PROVIDE AN APC 'AP8661' SWITCHED RACK POWER DISTRIBUTION UNIT FOR EACH RACK (3 TOTAL). PROVIDE A 20A/3P BREAKER IN PANEL EM-UPS-C-3 FOR EACH UNIT. CONNECT TO OUTLET ON UNDERSIDE OF CABLE TRAY. 2. PROVIDE 1 1/2" C. FOR POWER CABLING TO PRE-WIRED
- 3. PROVIDE (2) 1 1/2" C. FOR POWER CABLING TO PRE-WIRED
- FURNITURE. 4. CONNECT EACH OUTLET LABELED "UPS" TO EM-UPS-C-2. TYPICAL. LOCATION OF UPS SHOWN ON DRAWING 'F1' ON SHEET E3.00.
- 5. ROUTE ALL DAIS POWER CABLING THROUGH PARTIAL HEIGHT WALL TO WEST. TYPICAL.
- 6. DUAL-CHANNEL. FLOOR BOX. SEE DETAIL 'H6' ON SHEET E6.00 FOR MORE INFORMATION. . POWER FOR ACCESS CONTROL SYSTEM. PROVIDE CONNECTIONS
- AS REQUIRED. . RELOCATED AIR HANDLING UNITS. SEE DEMOLITION PLANS. FEED
- AS REQUIRED FROM NEW PANEL B1 IN STORAGE ROOM BELOW. 9. PROVIDE CONDUIT AND JUNCTION BOX FOR COILING DOOR
- CONTROLS. 10. PROVIDE 120Y POWER CONNECTIONS FOR AMPLIFIER AND FM

SCOTT COUNTY COURTHOUSE REMODEL PHASE I&II

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Check: B. JOHANNSEN **MAIN LEVEL ELECTRICAL POWER**

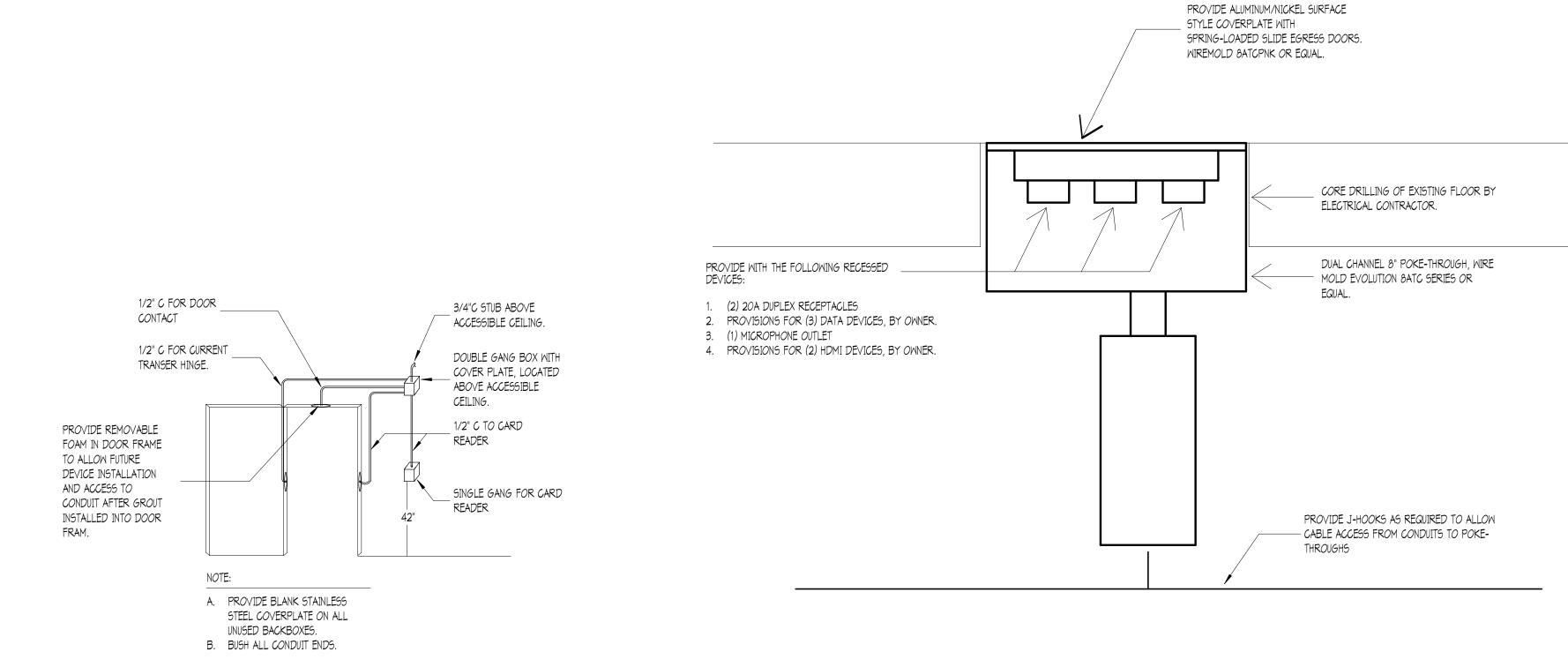
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Comm: 133024

Date: 7/3/14

PLAN





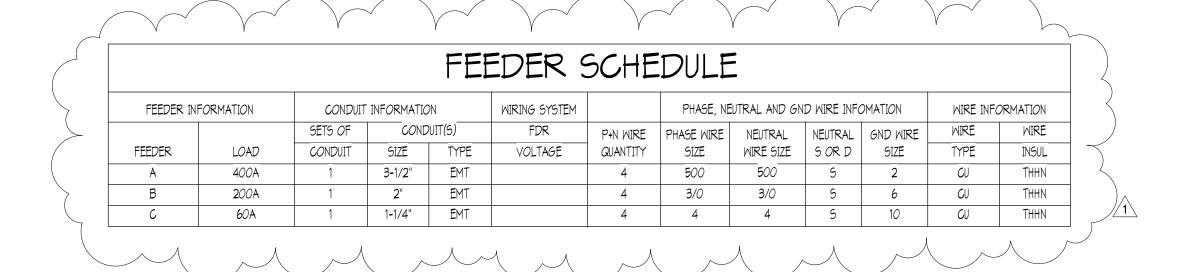
SECURITY DOOR DETAIL NOT TO SCALE

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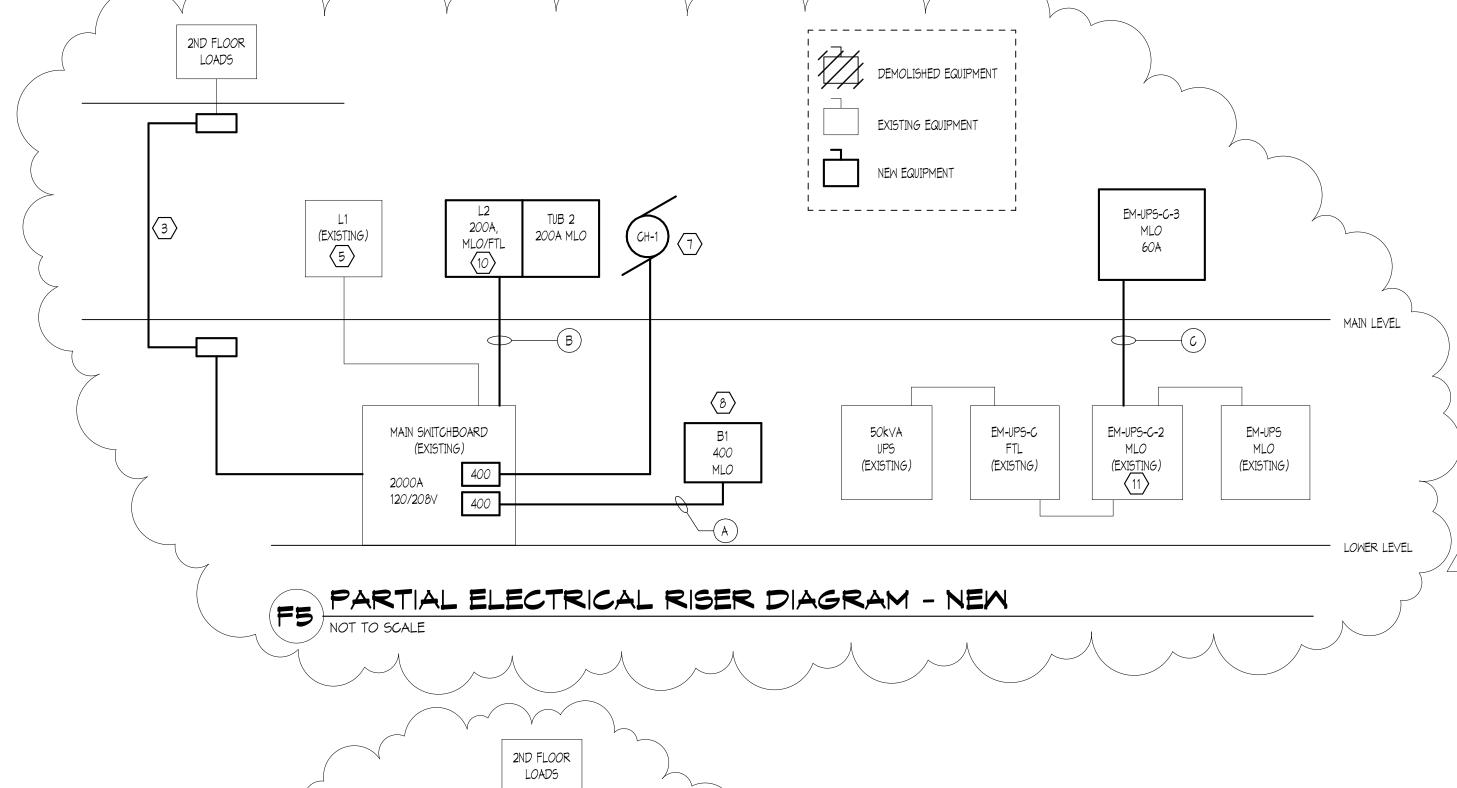
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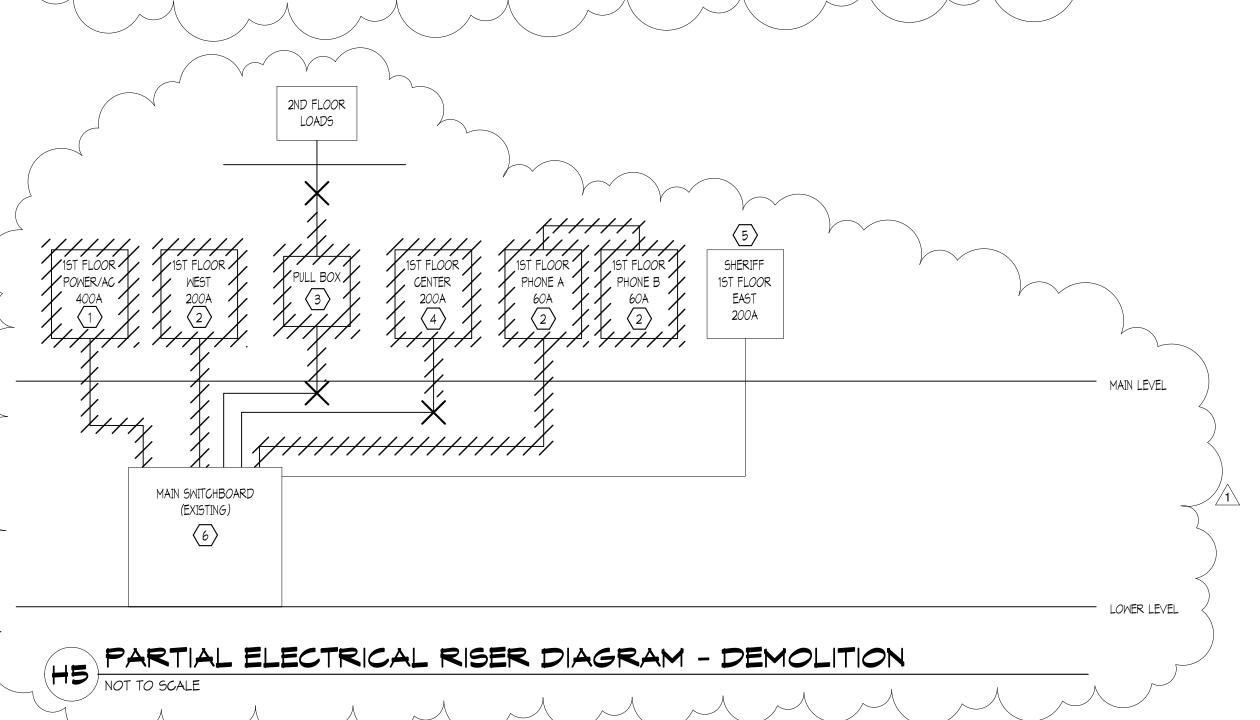
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POKE-THROUGH DETAIL



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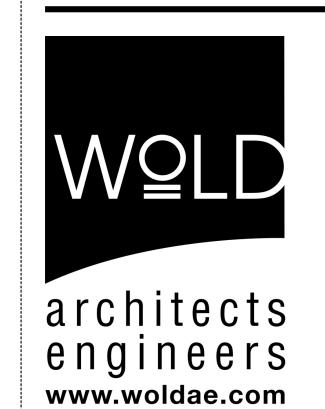




SCOTT COUNTY COURTHOUSE REMODEL PHASE I&II 600 West Fourth Street

Scott County 600 West Fourth Street Davenport, Iowa

Davenport, Iowa



3555 Digital Drive Suite Two Hundred Dubuque, IA 52003

KEYED SHEET NOTES

EXISTING PANEL FEEDING MECHANICAL PANEL EQUIPMENT. MAINTAIN IN PLACE UNTIL NEW PANEL B1 IS INSTALLED AND MECHANICAL EQUIPMENT HAS BEEN RELOCATED TO IT; THEN

DEMOLISH PANEL, FEEDER, AND ALL ASSOCIATED BRANCH

3. DEMOLISH EXISTING PULLBOX. INTERCEPT CONDUITS AND WIRES

FEEDING 2ND FLOOR LOADS AND EXTEND AS REQUIRED.

ASSUME 400A FEEDER AND (3) 20A/1P BRANCH CIRCUITS.

4. DEMOLISH EXISTING PANEL AND FEEDER BACK TO SOURCE.

5. EXISTING SHERIFF'S PANEL TO REMAIN. DEMOLISH EXISTING COVER AND REPLACE WITH NEW FLUSH COVER. MAINTAIN FEEDER. PROVIDE NEW BRANCH CIRCUIT BREAKERS AS REQUIRED. RELABEL PANEL AS "L1". VERIFY WHICH SWITCH IN MAIN SWITCHBOARD FEEDS PANEL AND RELABEL ACCORDINGLY 6. RELABEL ABANDONED SWITCHES AS SPARES. REMOVE EXISTING

SPARE DISCONNECTS AS REQUIRED TO ACCOMMODATE NEW

7. FEED CHILLER FROM NEW 400A FIXED DISCONNECT. SEE DETAIL

8. PROVIDE PANEL B1. FEED NEW 400A FUSED DISCONNECT. SEE

10. PROVIDE PANEL L2. FEED FROM FUSED DISCONNECT SWITCH ABADONED BY DEMOLISHED PANEL IN EXISTING CLERK'S AREA.

PROVIDE NEW FEEDER AS SHOWN. EXTEND CIRCUITS FROM DEMOLISHED PANEL "1ST FLOOR CENTER" AS REQUIRED. 11. PROVIDE NEW 60A/3P BREAKER IN EXISTING PANEL TO FEED

H2/E3.0. SEE MOTOR SCHEDULE FOR FEEDER SIZE.

MINIMIZE DOWNTIME TO LOADS, COORDINATE SCHEDULING WITH

INTERCEPT AND EXTEND IN-USE BRANCH CIRCUITS TO NEW PANEL L2. DEMOLISH ABANDONED CIRCUITS. ASSUME (30) 20A/1P

2. DEMOLISH EXISTING PANEL, FEEDER, AND ALL ASSOCIATED

CIRCUITS BACK TO SOURCE.

CIRCUITS NEED RELOCATED.

DISCONNECTS.

DETAIL H2/E3.0. 9. NOT USED.

NEW EM-UPS-C-3.

BRANCH CIRCUITS BACK TO SOURCE.

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Date: 7/3/14 Drawn: A. NILSON

Check: B. JOHANNSEN

ADDENDUM #3

ELECTRICAL RISER DIAGRAM AND DETAILS

Scale: As indicated

											МОТ	OR SCHEDU	LE													
LOA	AD INFORMATION						CC	NDUIT		W	RE QUANTIT	Y AND SIZE	WIRE	TYPE	ST	ARTER			D	ISCONNECT				CTRL'S	NOTES	MTR
MTR	DESCRIPTION	LOC	LOAD	UNIT	VOLTAGE	PANEL	SET(S)	SIZE	TYPE	P+N	PHASE	NEUT GND	TYPE	INSUL	SUPPLIED	INSTALLED	TYPE	SIZE LOC	SUPPLIED	INSTALLED	TYPE	TYPE	LOC	BY	NOTES	IVIIR
AHU-1	AIR HANDLING UNIT	A105	53.2	MCA	208/3	B-1	1	3/4"	EMT	3	6 AWG	10 AWG	CU	THHN	MFR	MFR	VFD	MTR	ELEC	ELEC	NFS	60A	MTR	MECH	6, 7, 8	AHU-1
AHU-2	AIR HANDLING UNIT	A156	37.3	MCA	208/3	B-1	1	3/4"	EMT	3	8 AWG	10 AWG	CU	THHN	MFR	MFR	VFD	MTR	ELEC	ELEC	NFS	60A	MTR	MECH	6, 7, 8	AHU-2
EX AHU	EXISTING AIR HANDLING UNIT	A140				B-1	SEE	NOTES	EMT	3		SEE NOTES	CU	THHN		SEEN	IOTES			SEEI	NOTES			MECH	1, 4	EX AHU
EX AHU	EXISTING AIR HANDLING UNIT	A140				B-1	SEE	NOTES	EMT	3		SEE NOTES	CU	THHN		SEEN	IOTES			SEEI	NOTES			MECH	1, 4	EX AHU
EX AHU	EXISTING AIR HANDLING UNIT	A140				B-1	SEE	NOTES	EMT	3		SEE NOTES	CU	THHN		SEEN	IOTES			SEE	NOTES			MECH	2, 4	EX AHU
EX AHU	EXISTING AIR HANDLING UNIT	A140				B-1	SEE	NOTES	EMT	3		SEE NOTES	CU	THHN		SEEN	IOTES			SEE	NOTES			MECH	2, 4	EX AHU
EX AHU	EXISTING AIR HANDLING UNIT	A140				B-1	SEE	NOTES	EMT	3		SEE NOTES	CU	THHN		SEE N	IOTES			SEET	NOTES			MECH	3, 4	EX AHU
CH-1	CHLLER	EXTERIOR	316	MCA	208/3	EX MSB	1	2 1/2"	EMT	3	400 KCMIL	2 AWG	CU	THHN	MFR	MFR		MTR	ELEC	ELEC	NFS	400A	MTR	MECH	5	CH-1
CRU-1A	COMPUTER ROOM UNIT (INDOOR)	A155	1	MCA	208/1	L2	1	3/4"	EMT	2	12 AWG	12 AWG	CU	THHN					ELEC	ELEC	MMS	15A	MTR	MECH		CRU-1A
CRU-1B	COMPUTER ROOM UNIT (EXTERIOR)	CANOPY	17.1	MCA	208/1	L2	1	3/4"	EMT	2	12 AWG	12 AWG	CU	THHN					ELEC	ELEC	MMS	20A	MTR	MECH		CRU-1B
P-1	HOT WATER PUMP	BOLER	3	HP	208/3	B-1	1	3/4"	EMT	2	12 AWG	12 AWG	CU	THHN	MECH	MECH	VFD	MTR	ELEC	ELEC	NFS	30A	MTR	MECH		P-1
P-2	HOT WATER PUMP	BOLER	3	HP	208/3	B-1	1	3/4"	EMT	3	12 AWG	12 AWG	CU	THHN	MECH	MECH	VFD	MTR	ELEC	ELEC	NFS	30A	MTR	MECH		P-2
P-3	CHILLED WATER PUMP	BOLER	5	HP	208/3	B-1	1	3/4"	EMT	3	12 AWG	12 AWG	CU	THHN	MECH	MECH	VFD	MTR	ELEC	ELEC	NFS	30A	MTR	MECH		P-3
P-4	CHILLED WATER PUMP	BOLER	5	HP	208/3	B-1	1	3/4"	EMT	3	12 AWG	12 AWG	CU	THHN	MECH	MECH	VFD	MTR	ELEC	ELEC	NFS	30A	MTR	MECH		P-4
· · ·	3		<u> </u>	1	200.0			<u> </u>			1271110	1271110									10					
OCD-1	OVERHEAD COILING DOOR	A 149	1/3	HP	120/1	L2	1	3/4"	EMT	2	12 AWG	12 AWG 12 AWG	CU	THHN	NONE	NONE		MTR	ELEC	ELEC	MMS	15A	MTR	MECH	9	OCD-1

GENERAL NOTES: A. ALL FUSE SIZES/BREAKER TRIPS ARE ESTIMATED. CONTRACTOR TO FIELD VERIFY INSTALLED MOTOR REQUIREMENTS.

KEYED NOTES:

1. PROVIDE NEW FEEDER AND OVERCURRENT PROTECTION. ASSUME 30A, FIELD VERIFY EXACT SIZE.
2. PROVIDE NEW FEEDER AND OVERCURRENT PROTECTION. ASSUME 60A, FIELD VERIFY EXACT SIZE.

3. PROVIDE NEW FEEDER AND OVERCURRENT PROTECTION. ASSUME 100A, FIELD VERIFY EXACT SIZE.
4. RELOCATE STARTERS, DISCONNECTS, SMOKE DETECTORS, ETC AS REQUIRED.

RELOCATE STARTERS, DISCONNECTS, SMOKE DETECTORS, ETC AS REQUIRED.
 FEED FROM NEW 400A FUSED DISCONNECT IN EXISTING MSB.

6. SUPPLY AND CONNECT DUCT SMOKE DETECTORS ON BOTH SUPPLY AND RETURN. INSTALLATION BY MECHANICAL.
7. PROVIDE ADDITIONAL 120V CONNECTION TO INTEGRAL RECEPTACLE. FEED FROM NEAREST SERVICE OUTLET BRANCH CIRCUIT.

8. INSTALL VFD SUPPLIED BY MECHANICAL.

9. PROVIDE CONDUIT AND BOX ROUGH-IN FOR CONTROLS.

								РΔ	NII	FIR	OARD SCHEDUL	F						
NAI	\/I⊏·	ENA I	UPS-C	. 2				1 /	_		AGE:	_	208V,3	D 4\M				
	· ·	_							-		AGE.			MLO				
	FROM:	_	M-UP	5-6-2					+	BUS:		60 A						
	CATION:		5 IDF						-		RT CIRCUIT BRACING:	22 K	AIC	FULLY	RATEL		BOARD	
MO	UNTING:	SUR	FACE						L	.UG 8	& NEUT BUS REQ'MT:					SINGL	E NEUTRA	AL BUS
Ckt	Description	LT	KW	PH	CCB	Α	В	С	Ш	Ckt	Description	LT	KW	PH	CCB	Α	В	С
1	PDU - 1ST FLOOR	Р	2	3	20/3	0.7			П	2	FUTURE 2ND FLR			3				
3	\				"		0.7		П	4	\							
5	\				"			0.7	11	6	\							
7	PDU - 1ST FLOOR	Р	2	3	20/3	0.7			11	8	FUTURE 2ND FLR			3				
9	\				"		0.7		11	10	\							
11	\				"			0.7	11	12	\							
13	PDU - 1ST FLOOR	Р	2	3	20/3	0.7			11	14	FUTURE 3RD FLR			3				
15	\				"		0.7		11	16	\							
17	\				"			0.7	Ш	18	\							
19	SPARE			20	1/				11	20	FUTURE 3RD FLR			3				
21	SPARE			20	1/				11	22	\							
23	SPARE			20	1/				11	24	\							
25									11	26								
27									11	28								
29									11	30								

NA ME	<u> </u>	B-1									VOLTAGE:	120/208V,3	P,4W	
FEDF	ROM [:]	EX-N	/ISB								BUS:	400 A	MLO	
	TION:	_		/FLST	ORAGE						SINGLE NEUTRAL BUS			
	ITING:	-	FACE		0.0.02						SHORT CIRCUIT RATING:	42 KAIC	FULLY F	RATED PANELBOA
#	Description	LT	LD	PH	FS	FUSE	TYPE	Α	В	С	SCHEDULE NOTES:	1210110	1 0221	***************************************
-	•	_		3					В					
1	P-1 \	M	3.8	3	30/3	20 A	RK-1	1	1		1			
2	\				- "				<u> </u>	1	ł			
4	P-2	М	3.8	3	30/3	20 A	RK-1	1		<u> </u>	ł			
5	\	IVI	3.0	٥	30/3	20 A	TXX-1	<u>'</u>	1		ł			
6	\				- "				<u> </u>	1	1			
7		N 4	6.0	2		2F A	DIC 1	2		<u> </u>	ł			
_	P-3	M	6.0	3	30/3	25 A	RK-1	2	_		1			
8		+			"				2	-	1			
9	\ D.4	N 4	6.0	2		25.4	DIZ 4	2		2	1			
10	P-4	M	6.0	3	30/3	25 A	RK-1	2	_		1			
11					" "				2	_	1			
12	\	+								2				
13	EX AHU	M	6.0	3	30/3	30 A	RK-1	2			<field disconnec<="" td="" verify=""><td>JI SIZE PRIUF</td><td>N TO OKDE</td><td>THE EQUIPMENT</td></field>	JI SIZE PRIUF	N TO OKDE	THE EQUIPMENT
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16	EX AHU	M	6.0	3	30/3	30 A	RK-1	2	_			JI SIZE PRIOF	K TO ORDE	
17	\	\perp			"				2		1			
18	\				"					2		T 0175 57:5		
19	EX AHU	M	11.0	3	60/3	60 A	RK-1	4			<field disconnec<="" td="" verify=""><td>JI SIZEPRIOF</td><td>K TO ORDE</td><td>KING EQUIPMENT</td></field>	JI SIZEPRIOF	K TO ORDE	KING EQUIPMENT
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22	EX AHU	M	11.0	3	60/3	60 A	RK-1	4			<field disconnec<="" td="" verify=""><td>JI SIZEPRIOF</td><td>r to orde</td><td>KING EQUIPMENT</td></field>	JI SIZEPRIOF	r to orde	KING EQUIPMENT
23	\				"				4					
24	١				"					4				
25	EX AHU	M	19.0	3	100/3	100 A	RK-1	6			<field disconnec<="" td="" verify=""><td>CT SIZE PRIOF</td><td>R TO ORDE</td><td>RING EQUIPMENT</td></field>	CT SIZE PRIOF	R TO ORDE	RING EQUIPMENT
26	١				"				6					
27	١				"					6				
28	AHU-1	М	19.2	3	100/3	80 A	RK-1	6						
29	١				"				6					
30	١				"					6				
31	AHU-2	М	13.4	3	60/3	60 A	RK-1	4						
32	\				"				4					
33	\				"					4				
34	SPARE			3	30/3	0		0						
35	\				"				0					
36	\				"					0				
37	SPARE			3	30/3	0		0						
38	\				"				0					
39	\				"					0	1			
40	SPARE			3	60/3	0		0			1			
41	\				"				0		1			
42	\				"					0	1			

JAME:	EXIS	TING L	L1					VOL	TAGE:	120/2	208V,3	P,4W				
FED FROM:	EXIS	TING I	MSB					BUS:		100 A	4	MLO				
LOCATION:	A10	7						SHOR	RT CIRCUIT BRACING:			FULLY	RATED	PANEL	BOARD	
MOUNTING:	FLU	SH						LUG	& NEUT BUS REQ'MT:					SINGLI	E NEUTRA	AL BUS
Ckt Description	LT	KW	PH	ССВ	Α	В	С	Ckt	Description	LT	KW	PH	CCB	Α	В	С
1 REC. A113	R	0.6	1	20/1	0.6			2	REC. A116, A105	R	1.2	1	20/1	1.2		
3 A112 PRINTER	R	0.2	1	20/1		0.2		4	REC. A102,A103	R	1.4	1	20/1		1.4	
5 REC. A112	R	0.8	1	20/1			0.8	6	REC. A104	R	0.8	1	20/1			0.8
7 REC. A106	R	1	1	20/1	1.0			8	REC. A104	R	0.8	1	20/1	0.8		
9 A107 DESKS	Р	1.2	1	20/1		1.2		10	A107 PRINTER	R	1.2	1	20/1		1.2	
11 A107 DESKS	Р	1.2	1	20/1			1.2	12	A107 DESKS	Р	1	1	20/1			1.0
13 A107 DESKS	Р	1.2	1	20/1	1.2			14	A107 DESKS	Р	1	1	20/1	1.0		
15 A107 DESKS	Р	1.2	1	20/1		1.2		16	A107 PRINTER	R	1.2	1	20/1		1.2	
17 REC. A108,A109	R	1	1	20/1			1.0	18	A107 PRINTER	R	1.2	1	20/1			1.2
19 REC A111	R	0.8	1	20/1	0.8			20	A107 SCANNER	R	1	1	20/1	1.0		
21 A109 MICROWAVE	R	1.2	1	20/1		1.2		22	CRU GFI REC.	R	0.2	1	20/1		0.2	
23 A 109 FRIDGE	R	1.2	1	20/1			1.2	24	EXTERIOR GFI REC.	R	0.2	1	20/1			0.2
25 LTG A107	L	1.4	1	20/1	1.4			26	LTG MAIN CIRCULAT	L	1.2	1	20/1	1.2		
27 LTG A108,A109,A112	L	0.4	1	20/1		0.4		28	SPARE				1			
29 LTG A102-A106	L	0.9	1	20/1			0.9	30	SPARE				1			
31 SPARE				1				32	SPARE				1			
33 SPACE								34	SPACE							
35 SPACE								36	SPACE							
37 SPACE								38								
39 SPACE								40	SPACE							
41 SPACE								42	SPACE							

				<u> </u>	LAMPS		LUMINAIRE FIXTURE		MANUE A OT LIBEROL		
	FIXTURE TYPE 2X4 RECESSED	MOUNTING RECESSED IN		QTY	WATTS	TYPE FO28T5	CONTROL MEDIA (LENS, LOUVERS, ETC.) LINEAR PRISMATIC LENS	FIXTURE DESCRIPTION POST-PAINTED MATTE WHITE STATIC TROFFER	MANUFACTURERS' SERIES NUMBERS COLUMBIA ZPT-24-2-28-G-LSR-S-EP-U	SPARE	NO
	2-LAMP T5 FLUORESCENT ZERO PLENUM	GRID CEILING	1	2	28	4100K	LINEAR PRISMATIC LENS	ZERO PLENUM INBOARD-OUTBOARD SWITCHING MASTER/SLAVE CONFIGURATION (2) 2-LAMP BALLASTS PER SWITCHING PAIR	COLUMBIA ZP1-24-2-28-G-LSR-S-EP-0 CORELITE Z1 SERES H.E. WILLIAMS SP SERIES *MARK ARCHITECTURAL NOL SERIES		
	2X4 RECESSED 2-LAMP T5 FLUORESCENT ZERO PLENUM	RECESSED IN GRID CEILING	1	2	28	FO28T5 4100K	LINEAR PRISMATIC LENS	POST-PAINTED MATTE WHITE STATIC TROFFER ZERO PLENUM (1) 2-LAMP BALLAST	COLUMBIA ZPT-24-2-28-G-LSR-S-EP-U CORELITE Z1 SERES H.E. WILLIAMS SP SERIES *MARK ARCHITECTURAL NOL SERIES		
	1¼4 RECESSED 2-LAMP T5 FLUORESCENT ZERO PLENUM	RECESSED IN GRID CEILING	1	2	28	FO28T5 4100K	ACRYLIC LENS	POST-PAINTED MATTE WHITE STATIC TROFFER ZERO PLENUM (1) 2-LAMP BALLAST	COLUMBIA ZPT-14-2-28-G-LSR-S-EP-U CORELITE Z1 SERES H.E. WILLIAMS SP SERIES *MARK ARCHITECTURAL NOL SERIES	°	
D	LED 6" DOWNLIGHT	RECESSED	120	1	28	LED 4000K	OPEN REFLECTOR	HEAT SINK AND 50K RATED LIFE 1030 LUMEN OUTPUT DIMMABLE WHITE TRIM FULL 5 YEAR WARRANTY	PRESCOLITE D6LED4-6D9LED4-40K-8-FL35 *LITHONIA REALITY LED SERIES *JUNO LIGHTING L6 SERIES OR APPROVED EQUAL		
) 1	LED 2" DOWNLIGHT	RECESSED	120	1	28	LED 4000K	OPEN REFLECTOR	HEAT SINK AND 50K RATED LIFE 900 LUMEN OUTPUT DIMMABLE ALUMINUM TRIM FULL 5 YEAR WARRANTY 25 DEGREE BEAM SPREAD	PRESCOLITE D2LED-2D9LED-9L-40K-8-MD25		
02	LED 2" DOWNLIGHT	RECESSED	120	1	28	LED 4000K	OPEN REFLECTOR	HEAT SINK AND 50K RATED LIFE 900 LUMEN OUTPUT DIMMABLE ALUMINUM TRIM FULL 5 YEAR WARRANTY 45 DEGREE BEAM SPREAD	PRESCOLITE D2LED-2D9LED-9L-40K-8-FL45	0	
)3	LED 6" EXTERIOR DOWNLIGHT	RECESSED	120	1	28	LED 4000K	CLEAR WET LENS	HEAT SINK AND 50K RATED LIFE 900 LUMEN OUTPUT ALUMINUM TRIM FULL 5 YEAR WARRANTY	LITHONIA DOM6 LED-40K-120-DL61 *PATHWAY 6VLED SERIES *JUNO LIGHTING L6 SERIES OR APPROVED EQUAL	Ĵ	
	EXIT SIGN SINGLE FACE	UNIVERSAL	120	LED	LED	LED	RED OPTICAL DIFFUSER	MATTE WHITE CAST ALUMINUM HOUSING BLACK STENCIL FACE W/ RED BACKGROUND INVISIBLE ARROW KNOCKOUTS SELF-DIAGNOSTIC	LITHONIA LE-S-1 SERIES DUAL-LITE SEMPRA SERIES MCPHILBEN 55 SERIES SURE-LITES CX SERIES EXITRONIX 400 SERIES LIGHTOLIER LD SERIES LIGHTALARMS XLED SERIES		
	INDUSTRIAL 4-FOOT FIXTURE 2-LAMP T5 FLUORESCENT	CHAIN HUNG	120	2	28	FO28T5 4100K	4"-DEEP 14"-WIDE STEEL REFLECTOR 10-15% UPLIGHT	POST PAINTED MATTE WHITE END PLATES/REFLECTOR ALIGNERS AS REQD TWIST LOCK SOCKET, SPRING-LOADED LATCH WIRE GUARD	LITHONIA AFP-2-28-MVOLT DAY-BRITE 5F SERIES METALUX MFB SERIES *COLUMBIA KL-BIN SERIES *H.E. WILLIAMS 82 SERIES		
1	STRIP LIGHT 4-FOOT FIXTURE 1-LAMP T5 FLUORESCENT	SEE ARCH. DETAILS	120	1	28	FO28T5 4100K	NO REFLECTOR	POST PAINTED MATTE WHITE END PLATES/REFLECTOR ALIGNERS AS REOD TWIST LOCK SOCKET, SPRING-LOADED LATCH	*H.E. WILLIAMS 73-4-1-28T5S-UNV LITHONIA Z SERIES METALUX SM SERIES		
9	PERIMETER RECESSED LENGTH PER PLANS 1-LAMP T5 FLUORESCENT	SURFACE	120	1	28	FO28T5 4100K	CONTINUOUS PARABOLIC LOUVER	POST PAINTED MATTE WHITE END PLATES/REFLECTOR ALIGNERS AS REQU TWIST LOCK SOCKET, SPRING-LOADED LATCH	LIGHTOLIER PTS7-1 SERIES *MARK ARCHITECTURAL MP SERIES OR APPROVED EQUAL BY DAYBRITE, NEORAY, FOCAL, ALEVA, OR LITE CONTROL		
	TEMPORARY STRIP LIGHT FOR PUBLIC CORRIDOR	WALL	120	2	32	FO32T8 4100K	NO REFLECTOR	TYPICAL STRIP. MAY USE NEW OR EXISTING FIXTURE. CONTRACTOR TO MAINTAIN POSSESSION ON FIXTURE AT COMPLETION OF PROJECT		0	

NAME:	L2/	\	\mathbb{N}					VOL.	TAGE:	120/2	208V,3	P,4W				
FED FROM:	THE SECTION AND THE SECTION AN	STING	MSB					BUS:		200 A	4	MLO				
LOCATION:	A1:	52 JAN	IITOR					SHO	RT CIRCUIT BRACING:	22 K/	V6~	FULLY	RAJEC	PANEL	BOARD	
MOUNTING:	SU	RFACE						LUG	& NEUT BUS REQIMT	FEED	THRU	LUGS		INGLI	E NEUTRA	AL BU
Ckt Description	LT	KW	PH	CCB	Α	В	С	Ckt	Description	LT	ŔŴ	PH	CCB	/1 \	В	
1 REC. A150-152,A144	R	0.8	1	20/1	0.8			2	REC. A145,A145A	R	1	1	20/1	1.0		
3 REC. A153	R	0.8	1	20/1		0.8		4	REC. A145	R	1.2	1	20/1		1.2	
5 REC. A147	R	1	1	20/1			1.0	6	REC. A145	R	1.2	1	20/1			1.
7 REC. A145	R	1.2	1	20/1	1.2			8	A148 SCANNER	R	0.4	1	20/1	0.4		
9 REC. A145	R	0.8	1	20/1		0.8		10	A149 COPIER	R	0.4	1	20/1		0.4	
11 REC. A145	R	0.8	1	20/1			8.0	12	REC. A101,A156	R	1.1	1	20/1			1.
13 A149 REFRIG.	R	0.2	1	20/1	0.2			14	REC. A155	R	0.4	1	20/1	0.4		
15 REC. A149,A157	R	0.5	1	20/1		0.5		16	A145 PRINTER	R	1	1	20/1		1.0	
17 OCD-1	М	1	1	20/1			1.0	18	SPARE				/			
19 LTG A146,A148,149	L	0.8	1	20/1	0.8			20	LTG A152-A156	L	0.7	1	20/1	0.7		
21 LTG A145,A147	L	1.1	1	20/1		1.1		22	SPARE				/			
23 LTG A138,A141,A150-	151 L	0.8	1	20/1			8.0	24	SPARE				/			
25 SPARE				1				26	SPARE				/			
27 SPACE								28	SPACE							
29 SPACE									SPACE							
31 SPACE								32	SPACE							
33 SPACE								34	SPACE							
35 SPACE								36	SPACE							
37 CRU-1A	М	0.2	2	20/2	0.1			38	CRU-1B	М	3	2	20/2	1.7		
39 \				"		0.1		40					"		1.7	
41 SPACE								42	SPACE							

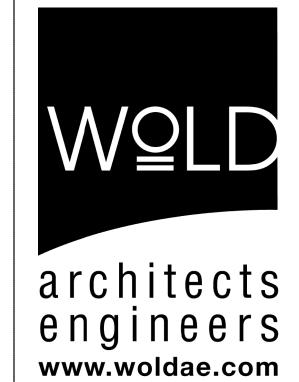
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NAME:		L2B							TAGE:	120/208V,3P,4W						
FED FROM:	L2A A152 JANITOR							BUS:		200 A		MLO				
LOCATION:								SHOP	RT CIRCUIT BRACING:				RATED PANELBOARD SINGLE NEUTRAL BUS			
MOUNTING:	RFACE	CE					LUG & NEUT BUS REQ'MT:									
Ckt Description	LT	KW	PH	CCB	Α	В	С	Ckt	Description	LT	KW	PH	CCB	Α	В	С
43 EXISTING	R	1	1	20/1	1.0			44	EXISTING	R	1	1	20/1	1.0		
45 EXISTING	R	1	1	20/1		1.0		46	EXISTING	R	1	1	20/1		1.0	
47 EXISTING	R	1	1	20/1			1.0	48	EXISTING	R	1	1	20/1			1.0
49 EXISTING	R	1	1	20/1	1.0			50	EXISTING	R	1	1	20/1	1.0		
51 EXISTING	R	1	1	20/1		1.0		52	EXISTING	R	1	1	20/1		1.0	
53 EXISTING	R	1	1	20/1			1.0	54	EXISTING	R	1	1	20/1			1.0
55 EXISTING	R	1	1	20/1	1.0			56	EXISTING	R	1	1	20/1	1.0		
57 EXISTING	R	1	1	20/1		1.0		58	EXISTING	R	1	1	20/1		1.0	
59 SPARE			1	20/1			0.0	60	SPARE			1	20/1			0.0
61 SPARE			1	20/1	0.0			62	SPARE			1	20/1	0.0		
63 SPARE			1	20/1		0.0		64	SPARE			1	20/1		0.0	
65 SPARE			1	20/1			0.0	66	SPARE			1	20/1			0.0
67 SPARE			1	20/1	0.0			68	SPARE			1	20/1	0.0		
69 SPARE			1	20/1		0.0		70	SPARE			1	20/1		0.0	
71 SPARE			1	20/1			0.0	72	SPARE			1	20/1			0.0
73 SPACE								74	SPA CE							
75 SPACE								76	SPA CE							
77 SPACE								78	SPA CE							
79 SPACE								80	SPA CE							
81 SPACE								82	SPA CE							
83 SPACE								84	SPA CE							
Panelboard Notes:																

SCOTT COUNTY
COURTHOUSE REMODEL
PHASE I&II
600 West Fourth Street

Scott County 600 West Fourth Davenport, Iowa

Davenport, Iowa



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 Saint Paul, MN
 55102
 mail@woldae.com

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed

PROFESSIONAL ENGINEER

under the laws of the State of IOMA

READ EN JOHANNIGEN

 Comm:
 133024

 Date:
 7/3/14

 Drawn:
 A. NILSON

 Check:
 B. JOHANNSE

ELECTRICAL SCHEDULES

Scale:

E7.0

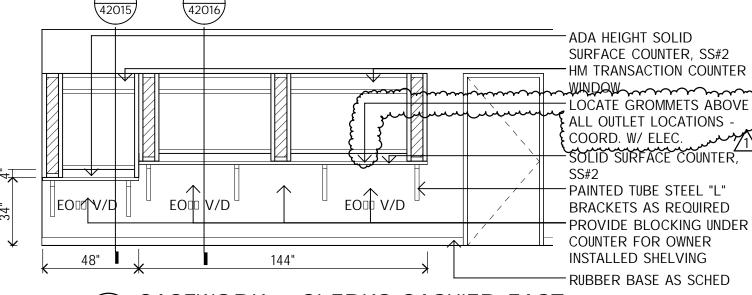
detail of construction

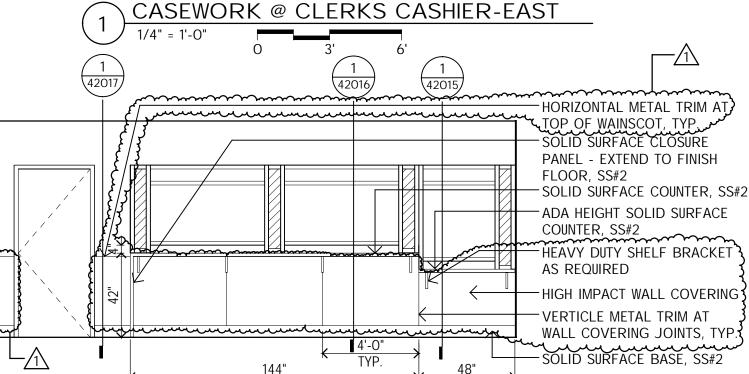


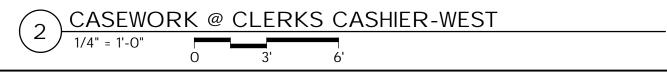
110 North Brockway St Two Hundred Twenty Palatine, IL 60067

tel 847 241 6100 fax 847 241 6105

engineers mail@woldae.com www.woldae.com







Courthouse Remodel Phase I&II PROJECT:

7/3/2014 DATE:

ADDENDUM #3 **REVISIONS:**

COMMISSION NO:

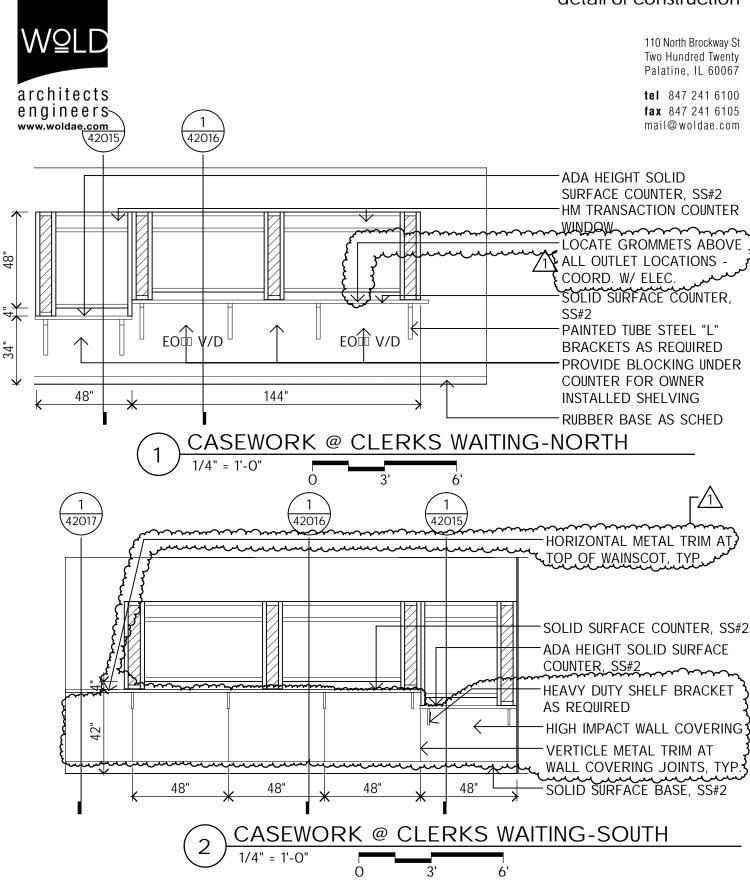
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133024

7/30/2014



detail of construction



PROJECT: Courthouse Remodel Phase I&II

DATE: 7/3/2014

REVISIONS: /1\ ADDENDUM #3

COMMISSION NO: 133O24

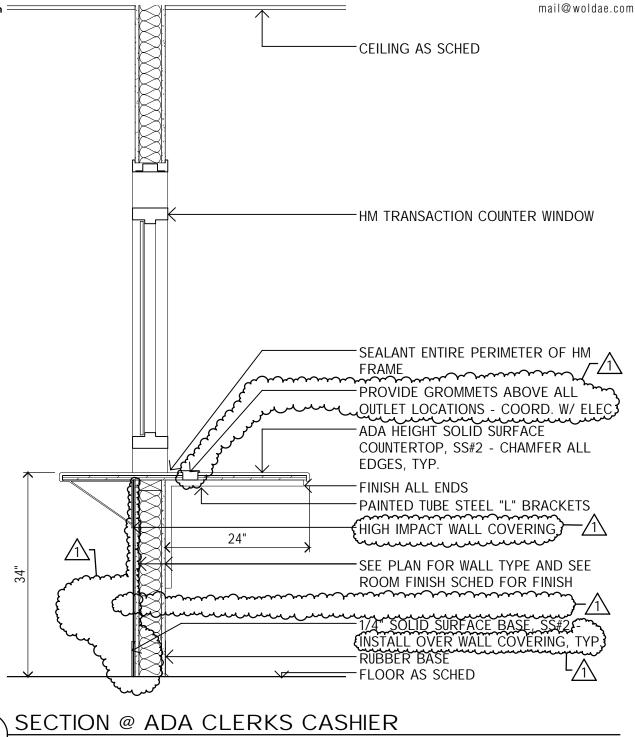
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PROJECT: Courthouse Remodel Phase I&II

DATE: 7/3/2014

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ADDENDUM #3

COMMISSION NO: 133O24

REV. DATE:

7/30/2014

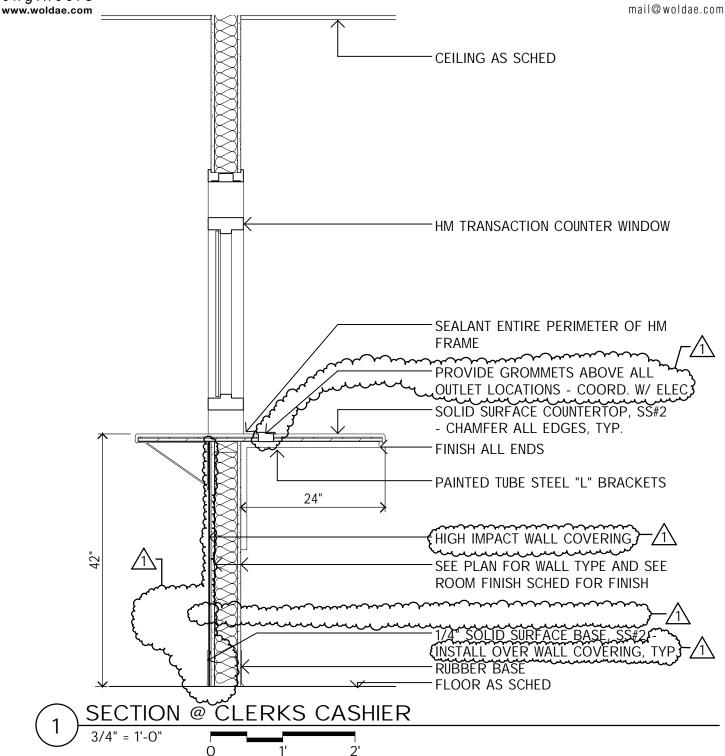
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detail of construction



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tel 847 241 6100 fax 847 241 6105



PROJECT: Courthouse Remodel Phase I&II

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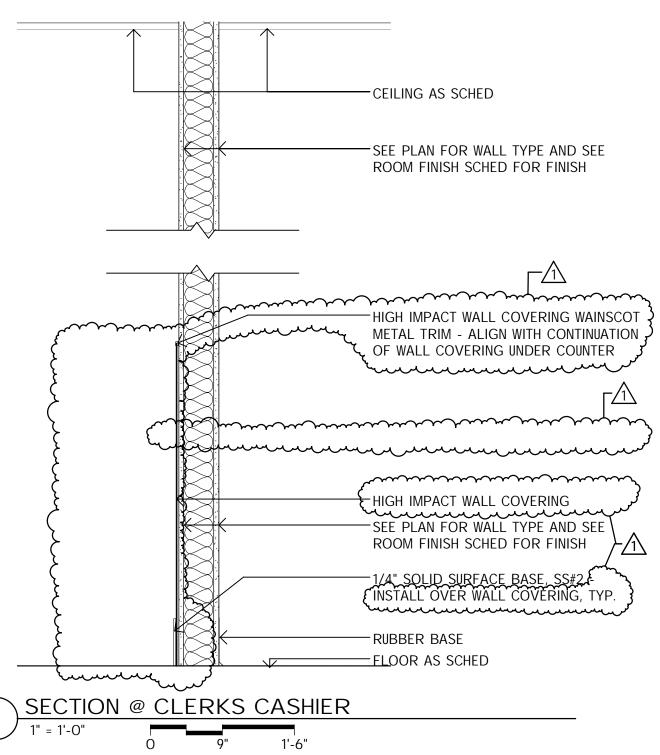






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PROJECT: Courthouse Remodel Phase I&II

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COMMISSION NO: 133O24

REV. DATE:

7/30/2014

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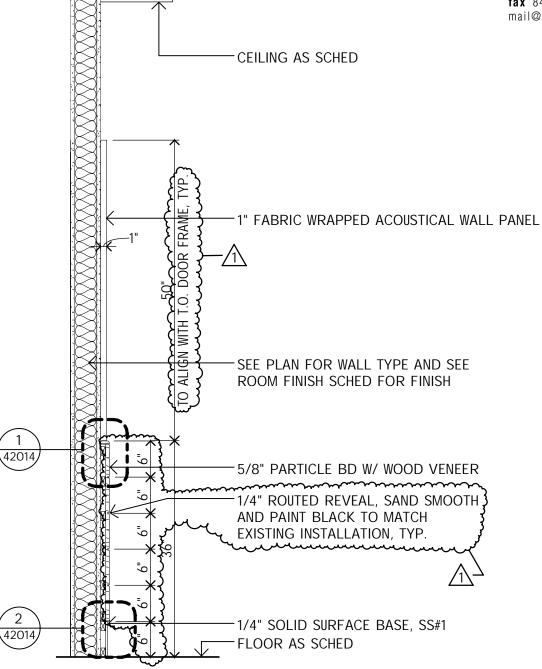






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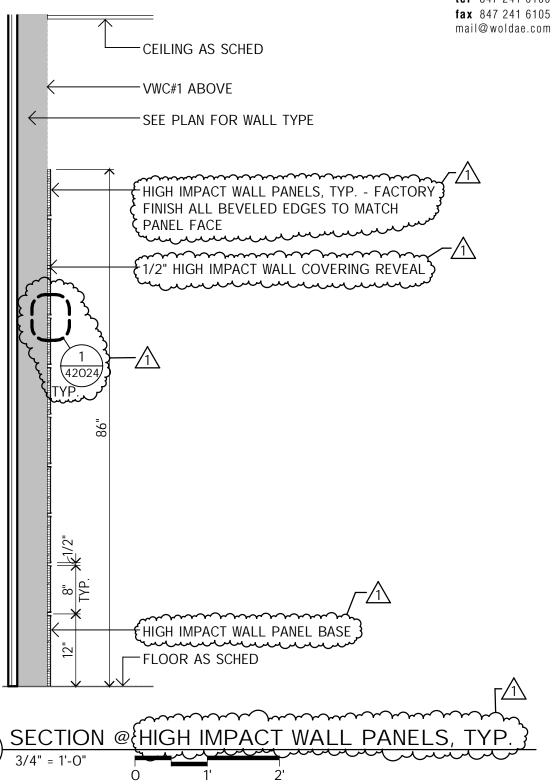






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Courthouse Remodel Phase I&II PROJECT:

7/3/2014 DATE: 133024 COMMISSION NO:

ADDENDUM #3 7/30/2014 **REVISIONS:** REV. DATE:

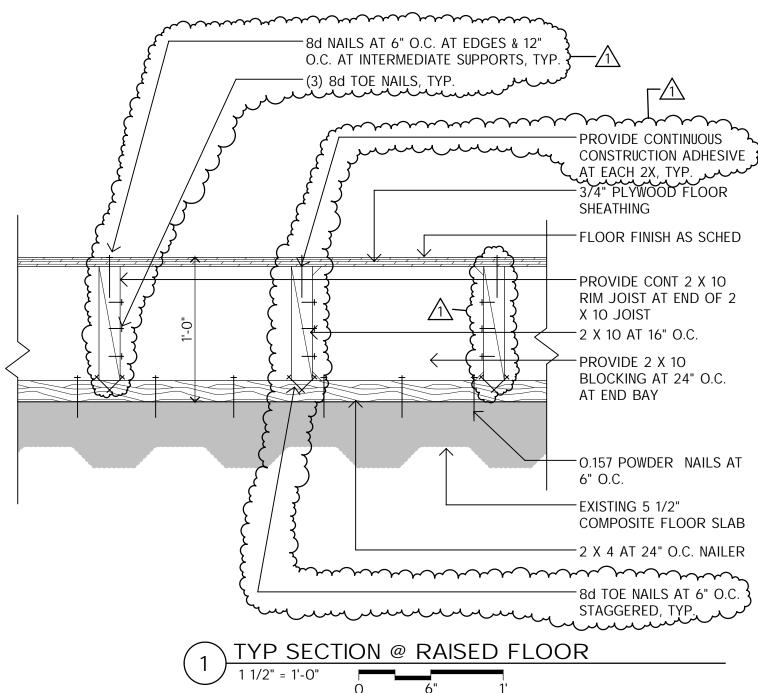
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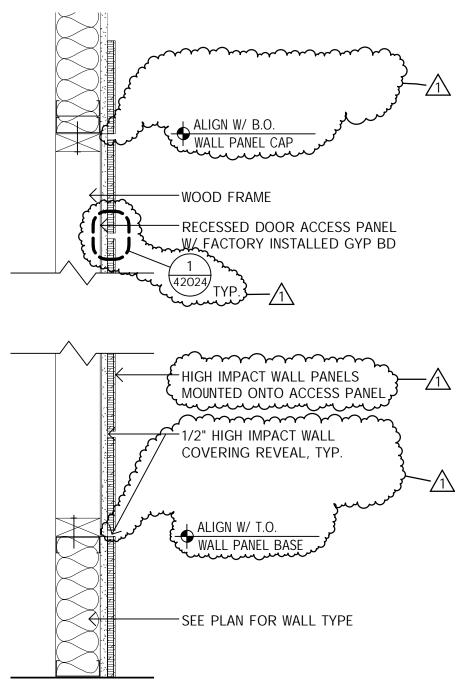






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PROJECT: Courthouse Remodel Phase I&II

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COMMISSION NO: 133O24

REV. DATE: 7/30/2014

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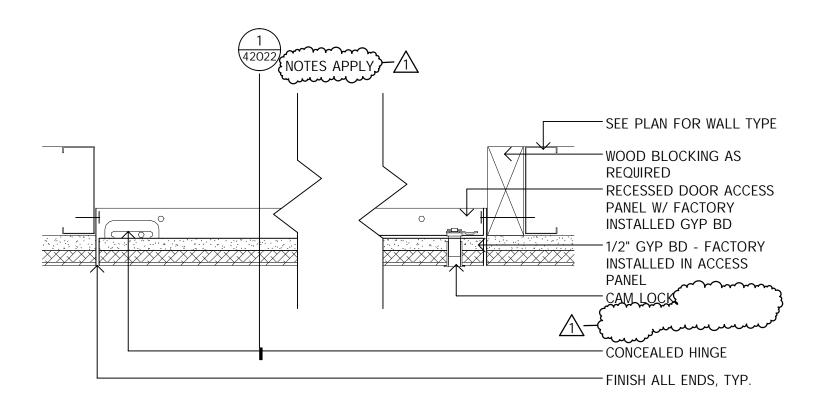






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3" = 1'-0"

PLAN DETAIL @ ACCESS PANEL

PROJECT: Courthouse Remodel Phase I&II

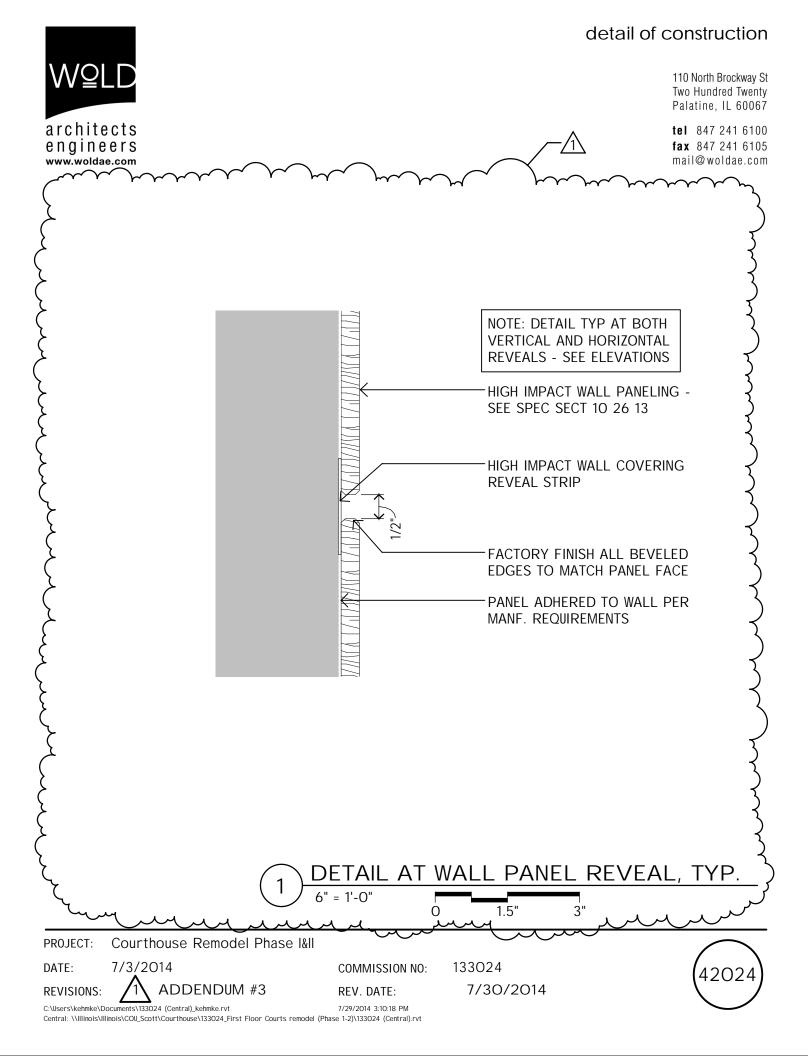
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REV. DATE: 7/30/2014



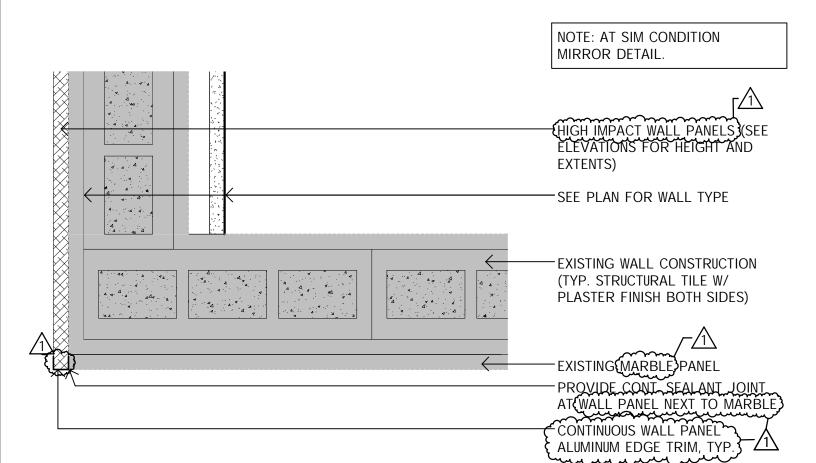


detail of construction



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PROJECT: Courthouse Remodel Phase I&II

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7/30/2014

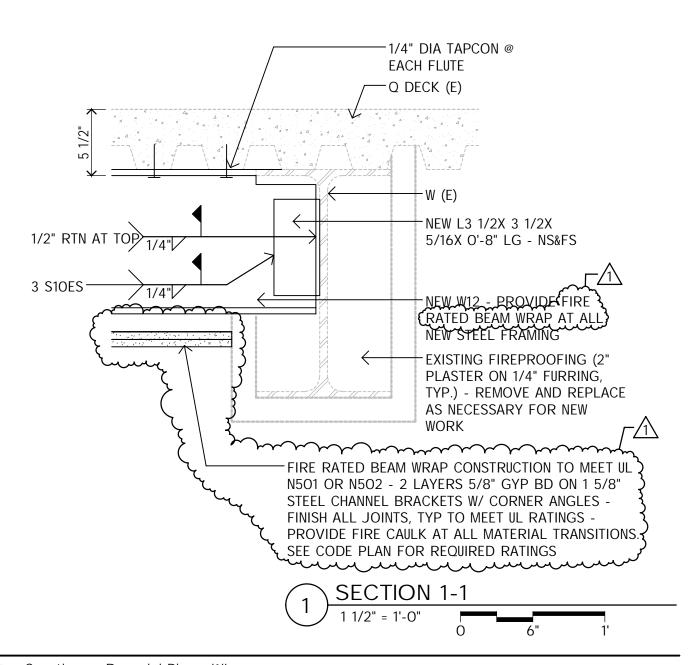
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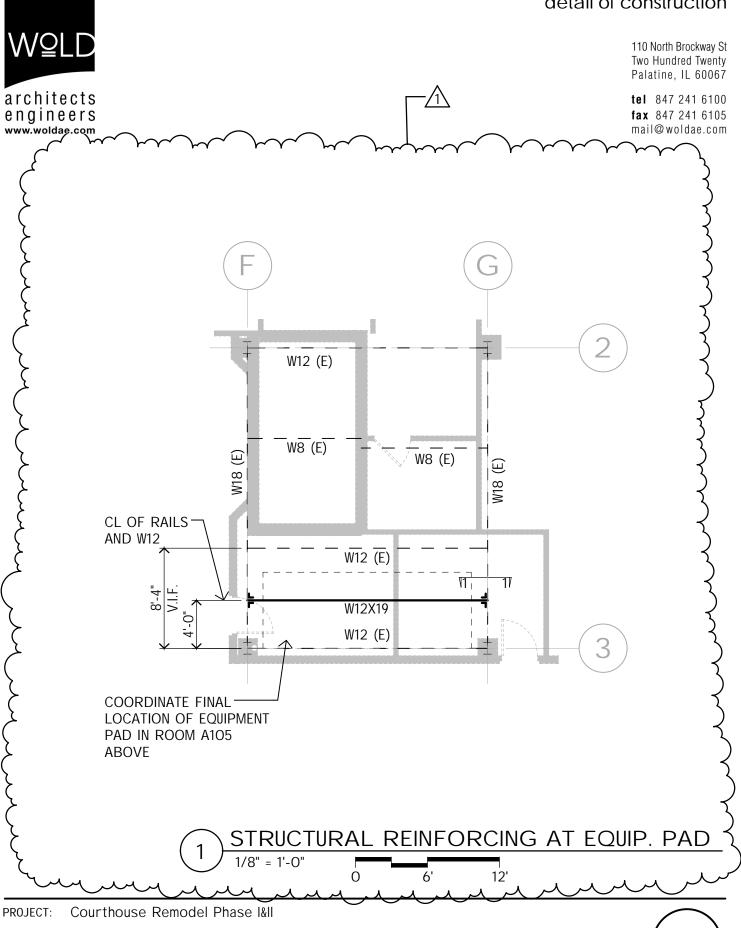
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COMMISSION NO: 133O24

REV. DATE: 7/30/2014



detail of construction



7/3/2014 DATE:

REVISIONS:

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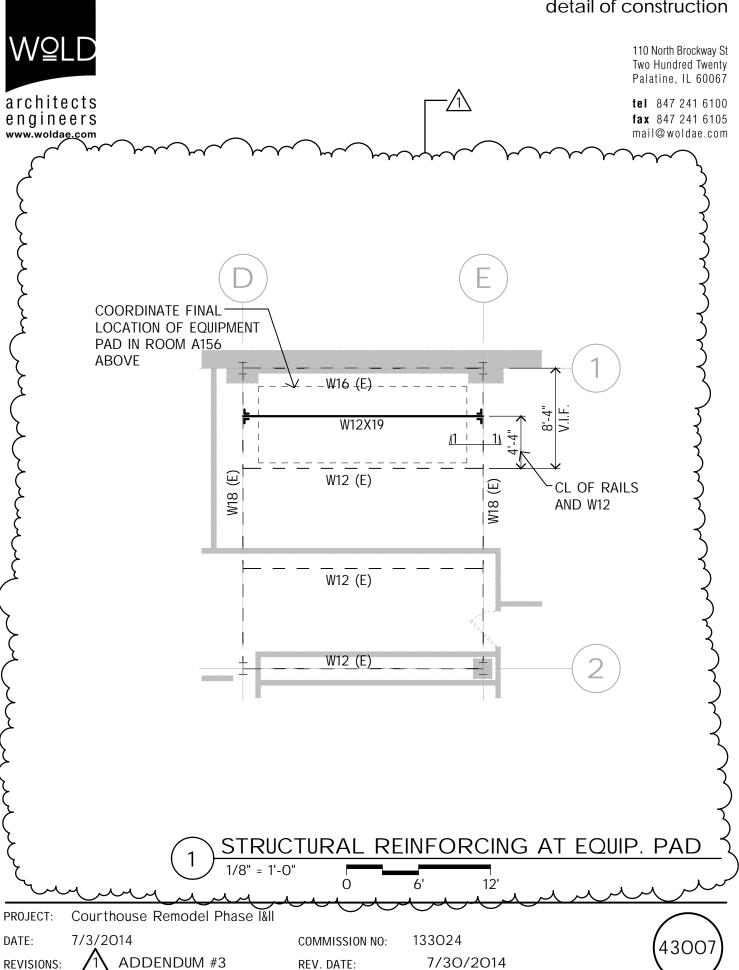
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7/30/2014

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detail of construction



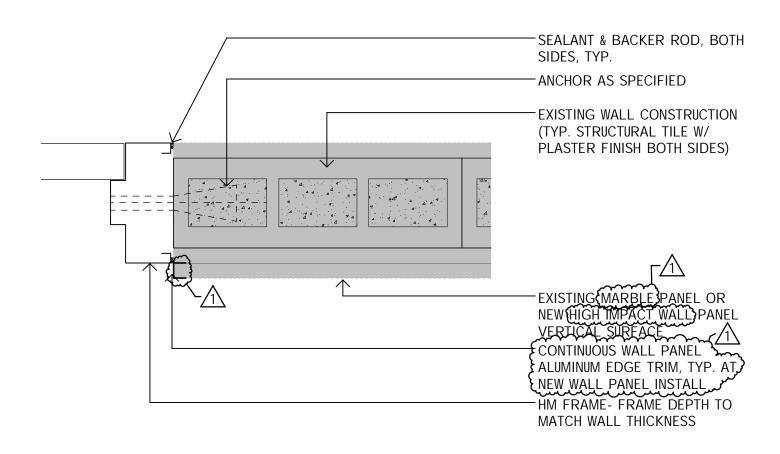
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JAMB @ EXISTING GRANITE PANEL

6"

PROJECT: Courthouse Remodel Phase I&II

DATE: 7/3/2014 COMMISSION NO: 133024

REVISIONS: 1 ADDENDUM #3 REV. DATE: 7/30/2014

43105