



Service Disabled Veteran Owned
3815 N. 109th Plz — Omaha, NE
www.21deltaengineers.com
Ph: (402) 496-4115

May 10, 2012

To: **VA Central Iowa Healthcare System**
Attn: **Steve Long**
3600 30th Street
Des Moines, IA **50310**

Re: Contractor Questions on 636A6-11-102 Correct Fire Deficiencies

- Item 1: Several areas of this scope of work overlap other projects. Will this work be eliminated?**
The work described by these documents has been coordinated with other construction projects currently in progress. All work described by the drawings and specifications should be included in the Contractor's bid for this project. Exception: Flag note #7 on sheet AS-FP101. The work related to this door should not be included in this project as the door will be replaced under a separate project.
- Item 2: Is there a spec or detail for the signage? Note 10 on ASF-FP101 calls for signage but most of the recent projects exclude signage.**
All new signage shall match the existing in style and construction. Verify wording on any new signage with COR.
- Item 3: Please provide detail of existing construction of the shaft to receive the 2 hour partition. Or, please let me know when we can take a look at access in/out of this space. We will need to know if scaffolding will be feasible or if another work surface will be needed.**
See attached Sketch "AS-1".
- Item 4: Please quantify the amount of loose concrete under Building 3 stairs that require new work.**
There is approximately 1,400 sq ft of concrete that will have to be tested — the beams, underside of the slab, and the surface area of the columns. The structural engineer, Mark Stillmock, estimates that there is at least 200 sq ft x 1 inch in depth that will need to be replaced. Include this amount in the base bid. Review hammer test results with A/E, COR, and CO. Additional concrete replacement will be addressed, if needed, through the differing site conditions and changes procedures.
- Item 5: I don't remember if anyone found the demolition note for work under the Building 3 stairs.**
Access to the space below the stairs will be thru the Women's rest room. Refer to other notes on the structural drawings regarding work access.
- Item 6: Will the VA require a 2 hour partition in the basement of Building 12 to cut-in the new door? The cost for the partition will be more than the door itself.**
No — this will not be required.

May 17, 2012

Item 7: Please confirm that the VA will relocate everything in the way of the new opening in Building 12 basement.

Government owned property in the basement of Building 12 will be removed by the government before construction work commences.

Item 8: ME-FP101 – Note 10 – Is this fire damper mechanically or electrically operated?

Fire dampers are mechanical with a fusible link and spring.

Item 9: Some electrical work is shown on architectural sheets, which contractor is responsible for this work?

Work assignments to subcontractors should be determined by the General Contractor. Review the general notes on drawings. All contractors, including subcontractors, are responsible for being familiar with the entire package.

Item 10: ME-FP101 Note 3 – How many pull stations are to be relocated and reinstalled? Where will the new station be installed?

Two stations will be salvaged and reinstalled on this sheet. Flag notes indicate either the location of a station to be salvaged or the location where a station will be reinstalled.

Item 11: ME-FP110 – Note 3 – Define accessories

Note that the referenced drawing is probably ME-FP101. "Accessories" mean bulbs/LEDs, screws, mounting brackets, etc. that may be required to provide a functional exit light that is not included in the exit light fixture itself.

Item 12: Basement entrance, Building 3 – Will plywood and metal studs remain in place after project?

A new acoustic lay-in ceiling has been installed since drawings were issued for bid. This ceiling will be demolished by the CONTRACTOR as part of this project. Plywood, metal studs and concrete slab above are all to be removed as part of this project. After removal, a hole in the wall of this entryway will be cut for the installation of beams under the stairs. Concrete and acoustic ceiling to be re-installed as part of this project. Metal studs and plywood will not be reinstalled.

Item 13: Basement of Building 12 – Work is shown on gypsum board column wrap, will finishing and or painting of this gypsum board be required?

No.

Item 14: Room B-440, which penetrations are to be sealed?

All penetrations in this closet are to be sealed. Whenever a note indicates penetrations to be sealed in a room other than a corridor, the note means that all penetrations in that room shall be sealed.

Item 15: How will the dumbwaiter shaft be accessed for construction of the rated wall?

The requirement is for installing double wall gypsum on the outside of the shaft. Therefore, there is no requirement to work inside of the shaft.

May 17, 2012

Item 16: Where are the dumbwaiter controls? Need for LOTO.

Dumbwaiter controls are located in the penthouse on the wall at the top of the stairs on the left side as you are facing up the stairs. Coordinate dumbwaiter shutdown with COR a minimum of (10) working days prior to beginning work.

Item 17: Is there any way to quantify the number of penetrations at each location on the drawings?

In the electrical closets we visited yesterday, there were numerous types of penetrations, ductwork, conduit, domestic water and sanitary to name a few.

The number of individual penetrations were not counted during the design phase of this project. A general number of possibilities has been determined and this requirement list has been added to the following sheets: AS-FP100 thru AS-FP123 and to sheets ME-FP101 thru ME-FP110. Refer to Sketch MS-1 for a list of these addendum notes to be added to each of these (17) sheets.

Item 18: Also, is it our intent to apply fire caulking at the perimeter of the room where wall meets structure?

No, but in many of the spaces the walls do not go all the way to the ceiling. In these cases, the contractor is required to complete wall construction to seal all perimeter wall-wall and wall-ceiling seams in order to meet fire protection standards.

Item 19: We have a question regarding the fire dampers called on in Note 10 on Sheet ME-FP101.

Plans do not indicate size and quantity of dampers required and also the note indicates “contractor shall verify each condition on each floor level of building” however drawings ME-FP102 & 103 (for levels 2 and 3) do not show fire dampers. Can you confirm that the ductwork penetrates from 1st to 2nd and 2nd to 3rd? Also, can you confirm number and approximate sizes of ducts?

Refer to sketches MS-2 and MS-3 for updated and additional notes to indicate the duct sizes. Dampers are not required for the floor-to-floor penetrations but only those ducts penetrating the 2-hr rated shaft.

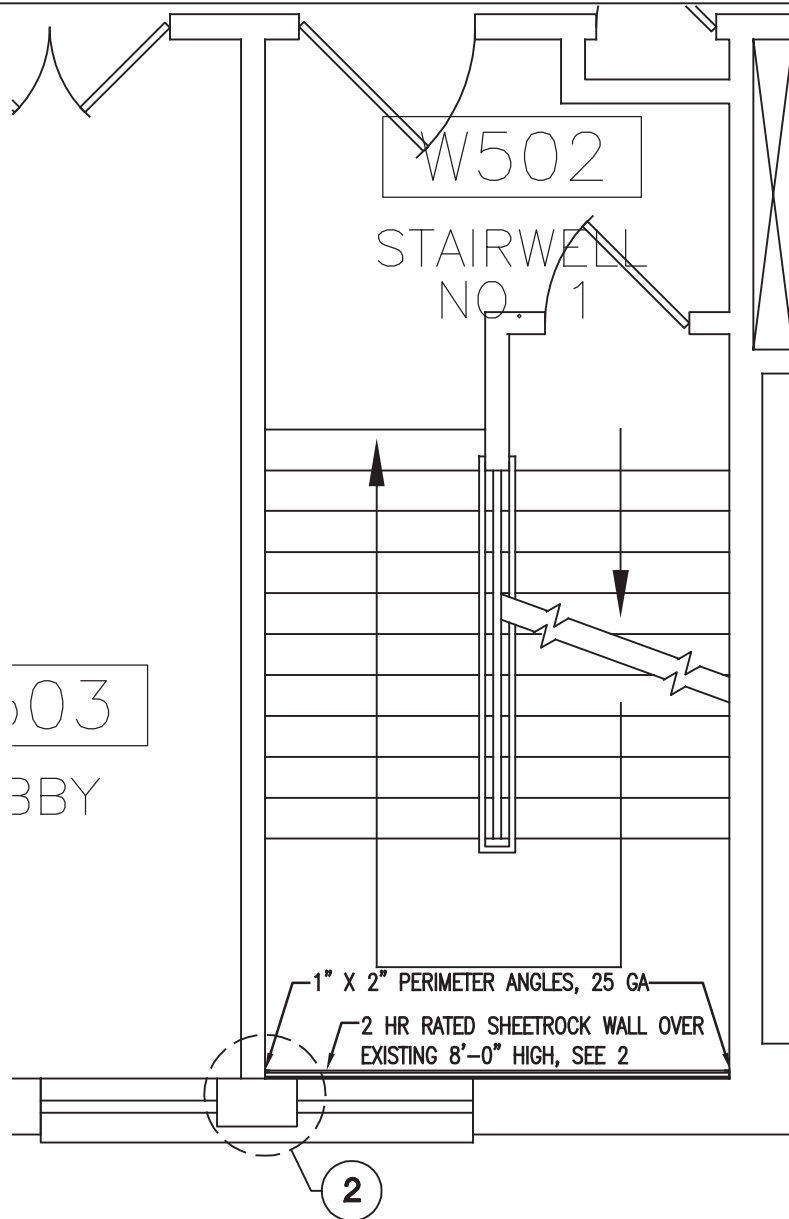
Item 20: Two additional rooms have been located that have penetrations that need to be sealed.

Refer to Sketches AS-2 and AS-3 to add this work to the scope of the project.

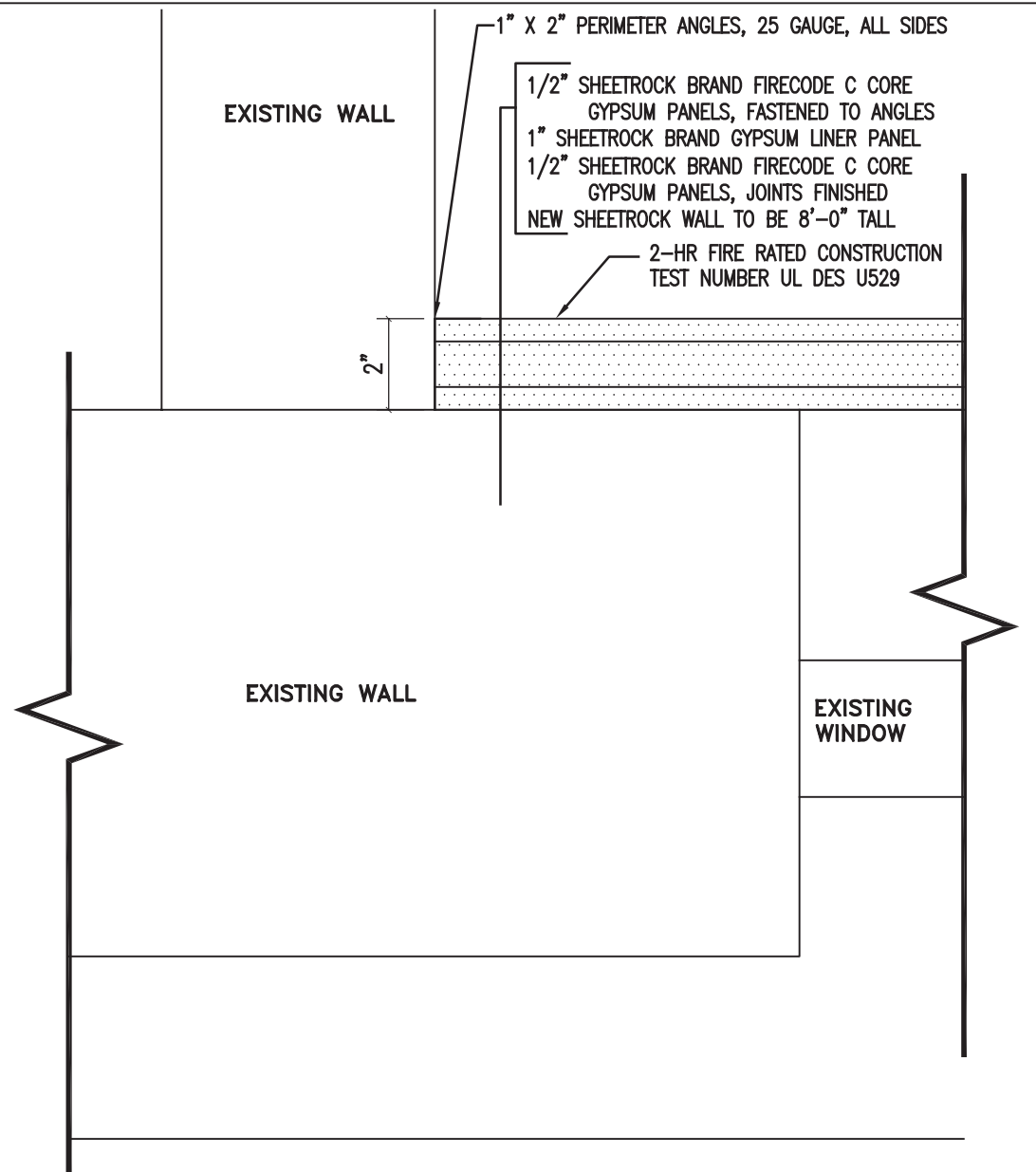
Item 21: On page 4 of 22 there are several doors with flag notes calling out new doors not on the door schedule. 130, 133a, 134.2, 134.1, w128, 159, 123. Notes for 1228, 1376, 1382, 1390, 1503, 1711? On door schedule not seeing any note.

Refer to Sketch AS-4 to correct one door tag.

Item 22: Replace project manual section 01 33 23 with document attached.



① Stairwell No. 1 - Building 1W - Level 5
SCALE: 1/4" = 1'-0"



② SHEETROCK WALL DETAIL
SCALE: 3" = 1'-0"



DATE: 05/10/2012

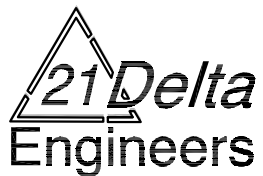
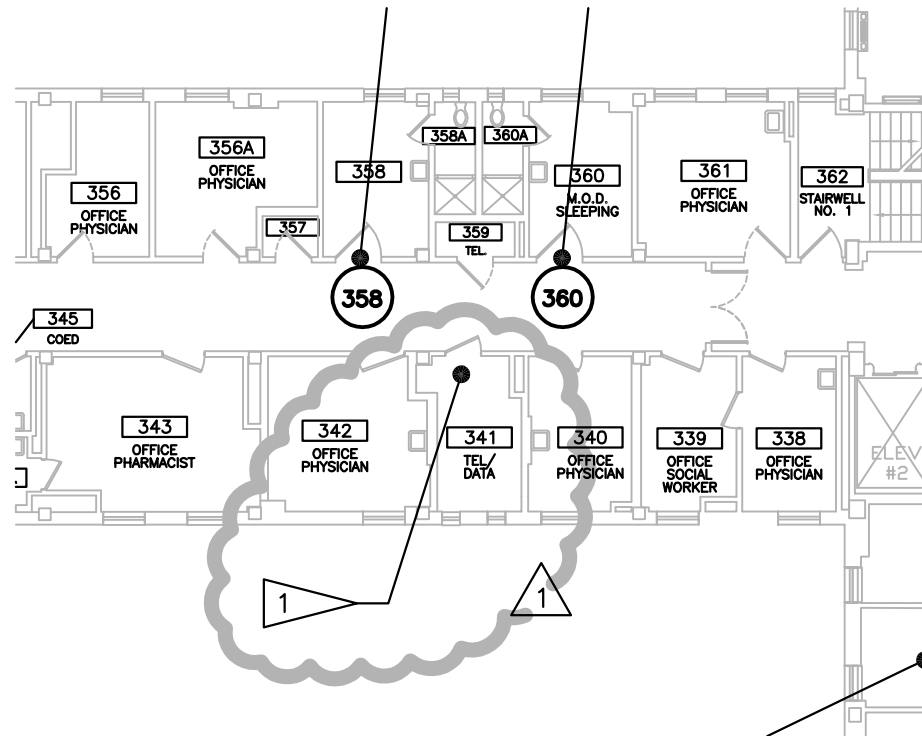
PROJ. #: 636A6-11-102

DRAWING REF: AS-FP105

Des Moines VAMC Correct Fire Deficiencies Addendum

SKETCH NO.

AS-1

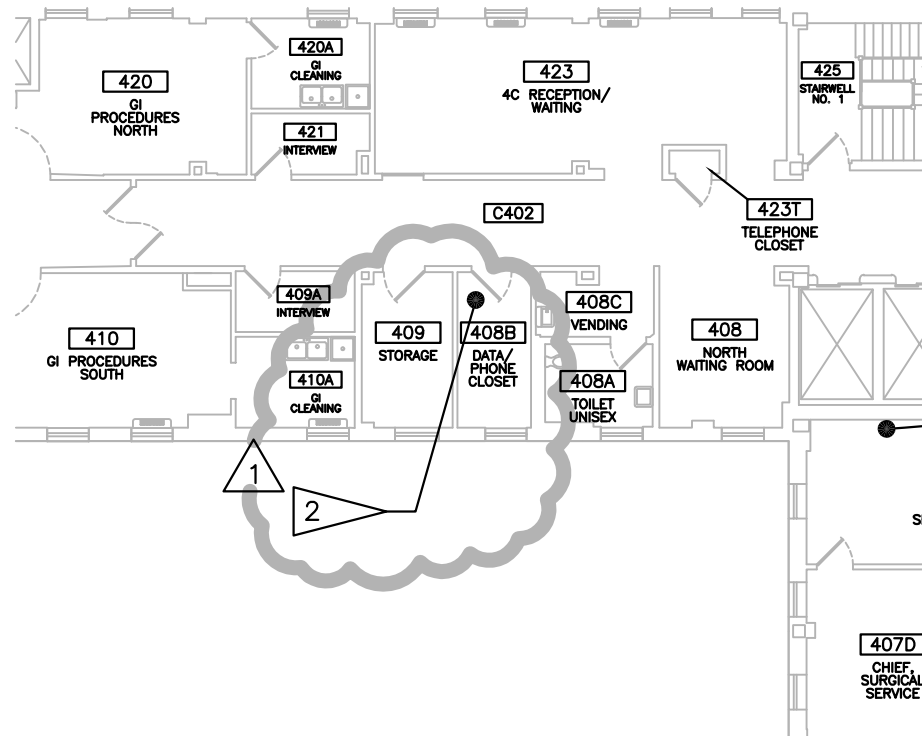


DATE: 05/10/2012
 PROJ. #: 636A6-11-102
 DRAWING REF: AS-FP103

Des Moines VAMC Correct Fire Deficiencies Addendum

SKETCH NO.

AS-2



DATE: 05/10/2012

PROJ. #: 636A6-11-102

DRAWING REF: AS-FP104

Des Moines VAMC Correct Fire Deficiencies Addendum

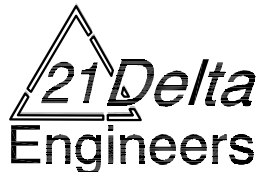
SKETCH NO.

AS-3

1

ADDENDUM NOTES TO ADDRESS FIRE DISCREPANCIES QUESTIONS

- A. REMOVE FIRE PROTECTION CAULK AND RE-CAULK WITH LISTED ASSEMBLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION ALL THROUGH WALL AND THROUGH-CEILING CONDUIT, WATER, SEWER, AND VENTILATION PENETRATIONS.
- B. CAULK WITH LISTED ASSEMBLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION AROUND ALL THROUGH-WALL AND THROUGH CEILING CONDUIT, WATER, SEWER, AND VENTILATION PENETRATIONS.
- C. INSTALL INSIDE ALL CONDUIT OPENINGS THE APPROPRIATE FIRE PROTECTION DEVICE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO INCLUDE, BUT NOT LIMITED TO, FIRE PILLOWS, FIRE CAULK, OR MINERAL WOOL.
- D. REMOVE ALL FIBERGLASS INSULATION AROUND THROUGH-WALL PIPES AND RE-CAULK WITH THE LISTED ASSEMBLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
- E. INSTALL APPROPRIATE FIRE PROTECTION ASSEMBLY IN ALL THROUGH-WALL WIRE TRAYS.
- F. COMPLETE WALL CONSTRUCTION TO SEAL ALL PERIMETER WALL-WALL AND WALL-CEILING SEAMS IN ORDER TO MEET FIRE PROTECTION STANDARDS.
- G. DEMOLISH OPEN UNCAPPED PIPING AT WALL-PIPE JOINT AND SEAL PIPE-WALL JUNCTION AND PIPE INTERIOR WITH FIRE PROTECTION CAULKING.
- H. THE FOLLOWING WORK HOURS SHALL APPLY TO THIS CONTRACT:
1ST,, 2ND, 4TH FLOOR, AND DUMB WAITER – WORK ONLY AT NIGHT BETWEEN 8:00 PM AND 6:00 AM.
BASEMENT, 3RD, 5TH FLOORS, AND THE PENTHOUSE – WORK ONLY DURING NORMAL DAILY HOURS.



DATE: 05/10/2012

PROJ. #: 636A6-11-102

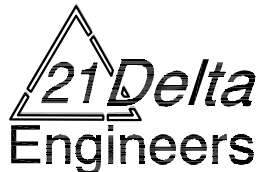
DRAWING REF: MULTIPLE

Des Moines VAMC
Correct Fire Deficiencies
Addendum

SKETCH NO.

MS-1

6. PROVIDE SPRINKLER COVERAGE FOR ENTIRE VESTIBULE. EXTEND SPRINKLER PIPING FROM EXISTING SPRINKLER SYSTEM WITHIN THE SAME SMOKE, SPRINKLER AND FIRE ALARM ZONE. SPRINKLER HEADS SHALL MATCH TYPE AND STYLE OF THE EXISTING SPRINKLER HEADS IN THIS AREA. VERIFY LOCATION OF NEAREST MAIN OR BRANCH LINE FOR CONNECTION. IF NECESSARY, EXTEND LINE FROM WAITING ROOM AREA. DO NOT INSTALL ANY LINES THROUGH ELEVATOR AREAS. PROVIDE ALL NECESSARY PATCHING, PAINTING, AND CEILING WORK FOR NEW SPRINKLER SYSTEM. FIELD VERIFY LIGHTS AND CEILING LAYOUT. VERIFY HEAT IN THIS VESTIBULE AREA.
7. RELOCATE EXISTING SPRINKLER HEADS TO A MINIMUM OF 4" FROM WALL.
8. NOT USED.
9. PROVIDE MANUAL PULL STATION TO BE LOCATED WITHIN 60 INCHES OF THE EXIT DOORWAY OPENING AT EACH EXIT. PROVIDE ADDITIONAL DEVICES, WIRING AND ACCESSORIES AS REQUIRED.
10. PROVIDE ONE FIRE DAMPER IN EACH OF THREE DUCTS WITH A SIZE OF 6"x9", 18"x9", AND 24"x9" THAT PENETRATE THE 2-HR FIRE RATED WALL TO THE SHAFT. CONTRACTOR SHALL VERIFY DUCT/DAMPER SIZE BEFORE INSTALLATION.
11. REMOVE EXISTING FIRE STOPPING AROUND PIPING AND CONDUIT. PROVIDE NEW U.L. LISTED FIRE STOPPING TO MAINTAIN 2-HR FIRE RATED PROTECTED PENETRATION OF FIRE WALL.
12. REMOVE EXISTING FIRE STOPPING ABOVE CEILING IN FLOOR ABOVE. PROVIDE NEW U.L. LISTED FIRE STOPPING TO MAINTAIN 2-HR FIRE RATED PROTECTED PENETRATION OF FLOOR. WORK SHALL BE PERFORMED PRIOR TO TOPPING ON SECOND LEVEL OF BUILDING.
13. PROVIDE SPRINKLER COVERAGE FOR ENTIRE VESTIBULE. VESTIBULE IS UNHEATED AND EXPOSED TO OUTSIDE WEATHER. EXTEND SPRINKLER PIPING FROM EXISTING SPRINKLER SYSTEM WITHIN THE SAME SMOKE, SPRINKLER AND FIRE ALARM ZONE. IF POSSIBLE, PROVIDE SIDEWALL SPRINKLER HEADS. VERIFY



DATE: 05/10/2012

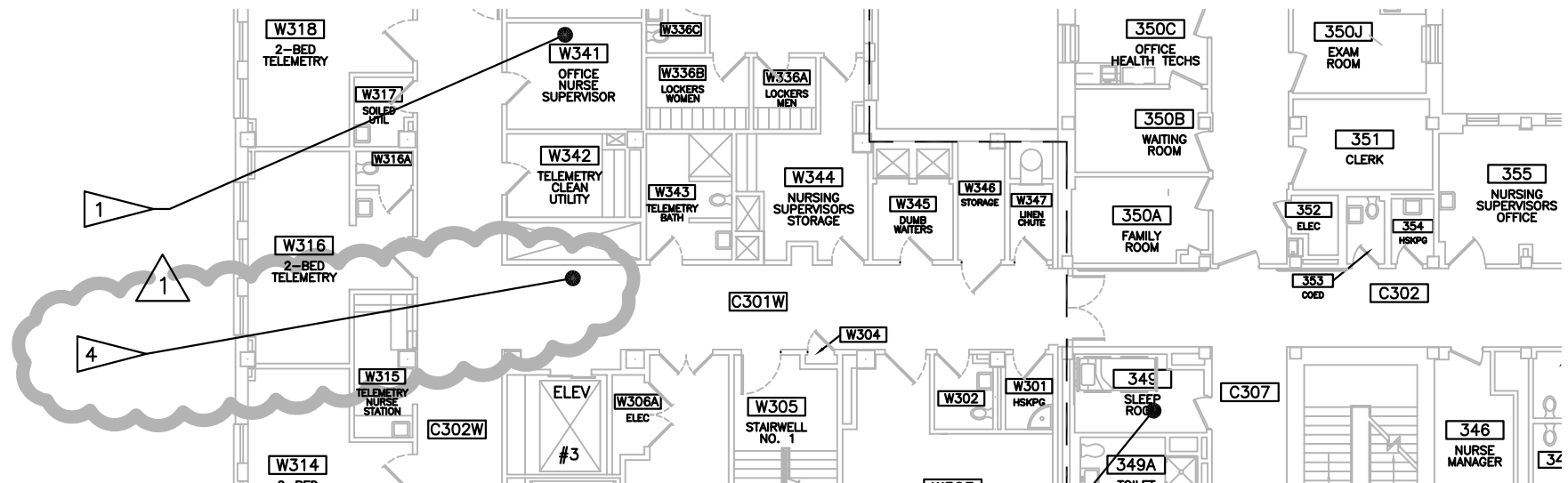
PROJ. #: 636A6-11-102

DRAWING REF: ME-FP101

Des Moines VAMC Correct Fire Deficiencies Addendum

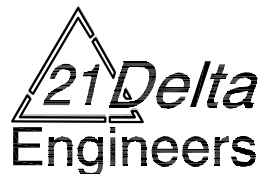
SKETCH NO.

MS-2



FIRE PROTECTION FLAG NOTES:

1. PROVIDE COVERPLATE FOR ELECTRICAL JUNCTION BOXES ABOVE CEILING.
2. PROVIDE EXIT SIGN WITH A DIRECTIONAL ARROW POINTING TOWARDS THE EXIT.
3. PROVIDE SMOKE DETECTOR FOR SLEEP ROOM. PROVIDE ALL ACCESSORIES, WIRING AND DEVICES AS REQUIRED.
4. PROVIDE ONE FIRE DAMPER IN EACH OF TWO DUCTS WITH A SIZE OF 38"x11" AND 13"x7" THAT PENETRATE THE 2-HR FIRE RATED WALL TO THE SHAFT. CONTRACTOR SHALL VERIFY DUCT/DAMPER SIZE BEFORE INSTALLATION.



DATE: 05/10/2012

PROJ. #: 636A6-11-102

DRAWING REF: ME-FP103

Des Moines VAMC
Correct Fire Deficiencies
Addendum

SKETCH NO.

MS-3

SECTION 01 33 23
SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

1. Refer to Articles titled SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FAR 52.236-21) and, SPECIAL NOTES (VAAR 852.236-91), in GENERAL CONDITIONS.
2. For the purposes of this contract, samples including laboratory samples to be tested, test reports, certificates, and manufacturers' literature and data shall also be subject to the previously referenced requirements. The following text refers to all items collectively as SUBMITTALS.

3. General Requirements:

- A. All submittals except color samples, color charts or physical material samples shall be made via an electronic, web-based exchange service.
 - i. Contractor shall pay for this service. Full price of providing this service should be included in the contractor's bid.
 - ii. Administrative control of the project account shall be transferred to the government after notice to proceed.
- B. Submit for approval, all of the items specifically mentioned under the separate sections of the specification, with information sufficient to evidence full compliance with contract requirements. Materials, fabricated articles and the like to be installed in permanent work shall equal those of approved submittals. After an item has been approved, no change in brand or make will be permitted unless:
 - i. Satisfactory written evidence is presented to, and approved by Contracting Officer, that manufacturer cannot make scheduled delivery of approved item or;
 - ii. Item delivered has been rejected and substitution of a suitable item is an urgent necessity or;
 - iii. Other conditions become apparent which indicates approval of such substitute item to be in best interest of the Government.
- C. Contractor shall forward submittals in sufficient time to permit proper consideration and approval action by Government. Time submission to assure adequate lead time for procurement of contract - required items. Delays attributable to untimely and rejected submittals (including any laboratory samples to be tested) will not serve as a basis for extending contract time for completion.

- i. Allow 10 working days for A/E review.
 - ii. Allow 10 working days for VAMC Engineering review.
- D. Submittals will be reviewed for compliance with contract requirements by Architect-Engineer, and action thereon will be taken by Resident Engineer on behalf of the Contracting Officer.
- E. Upon receipt of submittals, Architect-Engineer will assign a file number thereto. Contractor, in any subsequent correspondence, shall refer to this file and identification number to expedite replies relative to previously approved or disapproved submittals.
- F. The Government reserves the right to require additional submittals, whether or not particularly mentioned in this contract. If additional submittals beyond those required by the contract are furnished pursuant to request therefor by Contracting Officer, adjustment in contract price and time will be made in accordance with Articles titled CHANGES (FAR 52.243-4) and CHANGES - SUPPLEMENT (VAAR 852.236-88) of the GENERAL CONDITIONS.
- G. Electronic submittal service requirements:
 - i. Web-based (not local or ftp server) service.
 - ii. Automatic email notification for new submittals and for submittals approaching review deadline.
 - iii. Tracking and exchange of RFI/ITC/Logs and other project related documents in addition to submittals and shop drawings.
 - iv. Organized storage of electronic submittals that is accessible by project team members at any time and from any location.
 - v. Provide a complete record of all documents submitted or reviewed during the construction project at closeout on CD or DVD.
 - vi. Submittal files must be readable. In general, a resolution of 300dpi or greater should be used when scanning documents.
- 4. Schedules called for in specifications and shown on shop drawings shall be submitted for use and information of Department of Veterans Affairs and Architect-Engineer. However, the Contractor shall assume responsibility for coordinating and verifying schedules. The Contracting Officer

and Architect- Engineer assumes no responsibility for checking schedules or layout drawings for exact sizes, exact numbers and detailed positioning of items.

- A. Submittals must be submitted by Contractor only and shipped prepaid. Contracting Officer assumes no responsibility for checking quantities or exact numbers included in such submittals.
 - i. Submit samples required by Section 09 06 00, SCHEDULE FOR FINISHES, in quadruplicate. Submit other samples in single units unless otherwise specified. Submit shop drawings, schedules, manufacturers' literature and data, and certificates in quadruplicate, except where a greater number is specified.
 - ii. Submittals will receive consideration only when covered by a transmittal letter signed by Contractor. Letter shall be sent via first class mail and shall contain the list of items, name of Medical Center, name of Contractor, contract number, applicable specification paragraph numbers, applicable drawing numbers (and other information required for exact identification of location for each item), manufacturer and brand, ASTM or Federal Specification Number (if any) and such additional information as may be required by specifications for particular item being furnished. In addition, catalogs shall be marked to indicate specific items submitted for approval.
 - iii. A copy of letter must be enclosed with items, and any items received without identification letter will be considered "unclaimed goods" and held for a limited time only.
 - iv. Each sample, certificate, manufacturers' literature and data shall be labeled to indicate the name and location of the Medical Center, name of Contractor, manufacturer, brand, contract number and ASTM or Federal Specification Number as applicable and location(s) on project.

5. Procedures:

- A. Required certificates shall be signed by an authorized representative of manufacturer or supplier of material, and by Contractor.
- B. In addition to complying with the applicable requirements specified in preceding Article 1.9, samples which are required to have Laboratory Tests (those preceded by symbol "LT" under the separate sections of the specification shall be tested, at the expense of Contractor, in a commercial laboratory approved by Contracting Officer.

- C. Laboratory shall furnish Contracting Officer with a certificate stating that it is fully equipped and qualified to perform intended work, is fully acquainted with specification requirements and intended use of materials and is an independent establishment in no way connected with organization of Contractor or with manufacturer or supplier of materials to be tested.
 - D. Certificates shall also set forth a list of comparable projects upon which laboratory has performed similar functions during past five years.
 - E. Samples and laboratory tests shall be sent directly to approved commercial testing laboratory.
 - F. Contractor shall send a copy of transmittal letter to both Resident Engineer and to Architect-Engineer simultaneously with submission of material to a commercial testing laboratory.
 - G. Laboratory test reports shall be sent directly to Resident Engineer for appropriate action.
 - H. Laboratory reports shall list contract specification test requirements and a comparative list of the laboratory test results. When tests show that the material meets specification requirements, the laboratory shall so certify on test report.
 - I. Laboratory test reports shall also include a recommendation for approval or disapproval of tested item.
6. If submittal samples have been disapproved, resubmit new samples as soon as possible after notification of disapproval. Such new samples shall be marked "Resubmitted Sample" in addition to containing other previously specified information required on label and in transmittal letter.
- A. Approved samples will be kept on file by the Resident Engineer at the site until completion of contract, at which time such samples will be delivered to Contractor as Contractor's property. Where noted in technical sections of specifications, approved samples in good condition may be used in their proper locations in contract work. At completion of contract, samples that are not approved will be returned to Contractor only upon request and at Contractor's expense. Such request should be made prior to completion of the contract. Disapproved samples that are not requested for return by Contractor will be discarded after completion of contract.
 - B. Submittal drawings (shop, erection or setting drawings) and schedules, required for work of various trades, shall be checked before submission by technically qualified employees of Contractor for accuracy, completeness and compliance with contract requirements.

These drawings and schedules shall be stamped and signed by Contractor certifying to such check.

- C. For each drawing required, submit one legible photographic paper or vellum reproducible.
 - i. Reproducible shall be full size.
 - ii. Each drawing shall have marked thereon, proper descriptive title, including Medical Center location, project number, manufacturer's number, reference to contract drawing number, detail Section Number, and Specification Section Number.
 - iii. A space 120 mm by 125 mm (4-3/4 by 5 inches) shall be reserved on each drawing to accommodate approval or disapproval stamp.
 - iv. Submit drawings, ROLLED WITHIN A MAILING TUBE, fully protected for shipment.
 - v. One reproducible print of approved or disapproved shop drawings will be forwarded to Contractor.
- 7. When work is directly related and involves more than one trade, shop drawings shall be submitted to Architect-Engineer under one cover.
 - A. Samples, shop drawings, test reports, certificates and manufacturers' literature and data, shall be submitted for approval to:

Monte Ten Kley
 21 Delta Engineers
 3824 North 108th Street
 Omaha, NE 68124.
 AND
 Steve Long, COR
 Central Iowa Health Care System
 Des Moines Division
 3600 30th Street
 Des Moines, IA 50310
 - B. At the time of transmittal to the Architect-Engineer, the Contractor shall also send a copy of the complete submittal directly to the Resident Engineer.

- - E N D - -