

DOCUMENT 00 90 00
ADDENDUM

ADDENDUM NO. [1] **Date: March 22, 2018**

RE: WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING & VETERAN'S CENTER ADDITION
400 SEVENTH STREET NORTH
LA CROSSE, WISCONSIN 54601
HSR PROJECT NO. 17026

FROM: HSR Associates, Inc
100 Milwaukee Street
La Crosse, WI 54603
(608) 784-1830

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated March 2018. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of 2] pages, [1] Pre-bid attendance, [4] specification sections, [1] soil reports and [6] 30 x 42 drawings.

CHANGES TO BIDDING REQUIREMENTS AND CONDITIONS OF THE CONTRACT:

1. Pre-bid attendance attached hereto.
2. Section 00 11 13 ADVERTISEMENT FOR BIDS
 - a. The address for receipt of bids shall be: 505 North 9th St.
3. Section 00 30 00 INFORMATION TO BIDDERS
 - a. Section attached hereto as part of Contract Documents. Information includes:
 - i. 2014 Soils Report.
4. Section 00 41 00 BID FORM Revised
 - a. Revised Bid Form attached hereto.

GENERAL REQUIREMENTS:

5. Section 01 10 00 SUMMARY Revised
 - a. Revised section attached hereto. Clarification and additions to 1.11 Construction Schedule.
6. Section 01 23 00 ALTERNATES Revised
 - a. Revised section attached hereto. Alternate 3 description added and language revised in Alternate 1 description.

CHANGES TO SPECIFICATIONS:

7. Section 08 71 00 DOOR HARDWARE
 - a. Hardware Group 5: At doors 122A, 122B, and 122C add the following on each door:

| | | | |
|-----|------------------|---------|-------|
| 1EA | GASKET | F797B17 | REESE |
| 1EA | AUTO DOOR BOTTOM | 521C36 | REESE |
8. Section 09 84 30 SOUND-ABSORBING WALL AND CEILING UNITS
 - a. 3.03, C: Vertical Ceiling Baffle System shall be installed by setting on top of modular furniture walls provided by Owner. Vertical Ceiling Baffle System is intended to be configured in panels of metal grid so panels can be set on the walls.
9. Section 12 24 00 WINDOW SHADES
 - a. 2.01: Delete Item 'A' and paragraphs 1-6: Shades shall be as follows;
 - i. SWF Contract, EvenPleat Pleated Shades with Brighton FR light filtering fabric. 1" pleat, cordless lift, bottom-up/top-down. Color: Toast.

CHANGES TO DRAWINGS

10. Sheet A002R OVERALL FLOOR PLANS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
11. Sheet A091 LIBRARY REMOVAL
 - a. AT RM E209 remove casework from south wall.
12. Sheet A100R FIRST FLOOR REMODELED 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
13. Sheet A102R LIBRARY RCP PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
14. Sheet A200R EXTERIOR AND CASEWORK ELEVATIONS 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
15. Sheet A600R DOOR SCHEDULE AND WALL TYPES 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
16. Sheet ID101R FINISH FLOOR PLAN 30 x 42 attached hereto
 - a. Revisions clouded on Drawing.
17. Sheet FP100 FIRE PROTECTION
 - a. Remove scope of work for revising the existing fire sprinkler system near rooms Corridor 100 and Vestibule 101.

PRIOR APPROVALS

1. Section 09 54 23 LINEAR METAL CEILINGS
 - a. Hunter Douglas; Tavula Beam
2. Section 09 84 30 PERFORATED METAL ACOUSTICAL PANELS
 - a. Hunter Douglas; Perforated Acoustical Panels

END OF DOCUMENT 00 90 00



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN

HSR Associates

Celebrating over 60 Years of Innovative Design
100 Milwaukee St. 608.784.1830
La Crosse, WI 54603 www.hsrassociates.com

Pre-Bid Meeting Sign-In Sheet

March 20, 2018

**PROJECT: WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING & VETERAN'S CENTER ADDITION
LA CROSSE, WISCONSIN 54601
HSR 17026**

BID OPENING: 2:00 PM, April 3, 2018

| Name | Company | Phone No. | E-mail |
|---------------------|-----------------------------|----------------|--------|
| 1. Doug Ramsay | HSR | | |
| 2. Trent Schott | HSR | | |
| 3. Mike Prindle | Poellinger Inc | 785-1234 | |
| 4. Wayne Brown | R.J. Jurawski | (715) 726-2808 | |
| 5. Nick Schuch | Brickl | (608) 769-9267 | |
| 6. Paul Siegers | P&T Electric | 608-780-5747 | |
| 7. Pat Popowich | GALILEO | 608-317-5573 | |
| 8. Air Herbst | Kyle Electric | 608 769-8403 | |
| 9. MIKE ALLEN | FOWLER | 608-782-6849 | |
| 10. JIM WAGNER | BJB | 608-784-9000 | |
| 11. JIM FOWLER | F&H | 608-782-6849 | |
| 12. Andrew Schlifer | Wieser Bros | 507 895-8903 | |
| 13. Alex Keller | Fire Protection Specialists | 608-792-9257 | |
| 14. JAY McHENRY | WZ | 608-785-9120 | |
| 15. Paul Amborn | | | |
| 16. Scott Frye | Marketa Johnson | 608 769 8293 | |
| 17. | | | |
| 18. | | | |
| 19. | | | |

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DOCUMENT 00 30 00

INFORMATION AVAILABLE TO BIDDERS

The following documents contain information about existing conditions which are pertinent to the Work of this Project and are available for the general information of all Bidders. The availability of such information shall not relieve any Bidder from responsibility to visit the Project Site, to become familiar with the local conditions under which the Work is to be performed and to correlate the Bidder's observations with the requirements of the Bidding Documents.

1. SOIL INVESTIGATION REPORT

- a. The Soil Investigation Report No. (6457.14.WIL) as prepared by Chosen Valley for work on 2014 IT project and are for reference purposes only. The Architect/Engineer does not certify its completeness or accuracy. The Contractor may do additional testing and evaluation to verify subsurface conditions. A copy of the soil investigation report printed half size on green paper is bound herein following as a part of this Section 00 30 00.

END OF DOCUMENT 00 30 00

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Design Phase Geotechnical Report:

Proposed IT Building Addition
Western Technical College
La Crosse, Wisconsin

Prepared for:

Western Technical College

May 29, 2014
6457.14.WIL

Chosen Valley Testing, Inc.

Geotechnical Engineering and Testing • 135 Bucher Place • LaCrosse, WI 54603 • Telephone (608) 782-5505 • Fax (608) 785-2818

Western Technical College
c/o: Shawn Lortscher, LEED AP
Johnson Controls, Inc.
Shawn.Steven.Lortscher@jci.com

May 29, 2014

**Re: Design Phase Geotechnical Report
Proposed IT Building Addition
Western Technical College
La Crosse, Wisconsin
CVT Project Number: 6457.13.WIL**

To Whom It May Concern:

As authorized, we have completed the geotechnical evaluation for proposed building addition in La Crosse, Wisconsin. This letter briefly summarizes the findings in the attached report.

Summary of Boring Results

At the surface, most of the borings encountered about ½ to 2 feet of topsoil materials. The two southern borings encountered about 2 to 2½ inches of bituminous over about 4½ inches of aggregate base.

The two borings for the elevated walkway and the two northern addition area borings then encountered mixed silty sands to about 1 to 7½ feet that appeared to be fill materials. The fill in the northeast addition boring consisted primarily of concrete and brick debris from about 2 to 4 feet within the fill. We note that the material in the northern elevated walkway boring was termed “possible fill” because the soils differed slightly from more obvious natural soils at the site but lacked any obvious indicators of fill, such as debris.

Beneath the upper soils, the borings were dominated by clean sands that appeared to be natural deposits. All of the borings terminated in the sands around 10 to 21 feet below the surface.

Water was not recorded in any of the borings and no overly wet or water bearing samples were recovered. Water levels at the site are expected to fluctuate seasonally with levels of nearby creeks and rivers as well as with local weather patterns.

Summary of Analysis and Recommendations

The borings indicated that the upper soils on this site consist primarily of sandy fill with debris over clean, natural sands. The fill materials and debris are considered to be unsuitable for support of the proposed addition. We recommend that the fill and debris be completely removed from the addition and oversize areas, and replaced with engineered fill. These materials were about 5 to 7½ feet deep in the

north area of the proposed addition, and about 1 to 2 feet deep in the area of the proposed elevated walkway.

Again, possible fill sands were encountered in the elevated walkway area below the more apparent fill. We recommend that these soils be evaluated during excavation once they are better exposed. If the possible fill sands are shown to be natural deposits, portions can likely be left in place. Otherwise we recommend completely removing the possible fill from below the walkway foundations, and replacing them with engineered fill. Based on the expected foundation depths, the elevated walkway footings are expected to bear below these soils.

The natural sands are considered generally suitable for support of the understood foundation loads, though some of the upper sands were rather loose. To provide more uniform support proposed addition and elevated walkway, we recommend surface compacting the natural sands directly below the footings with a large, turtle type compactor. These compaction efforts should be evaluated during construction to confirm proper densification.

We recommend that the soil conditions and the above corrections be observed and evaluated by geotechnical personnel from Chosen Valley Testing during construction. Based on those observations, additions or changes to the soil corrections may be recommended.

With proper implementation of these improvements, we are of the opinion that foundations for the addition and the elevated walkway can be designed to exert a bearing pressure of up to 4,000 psf. Based on this bearing capacity, total settlements are estimated to be on the order of 1 inch or less with differential settlements on the order of ½ inch or less between similarly loaded footings.

Remarks

The attached report provides more details of our recommendations for the proposed project. We appreciate the opportunity to serve you. If you have any questions about our report, please feel free to contact us at (608) 782-5505.

Sincerely,
Chosen Valley Testing, Inc.



John Haas, PE
Geotechnical Engineer



Colby T. Verdegan, PE
Sr. Geotechnical Engineer

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BORING LOCATION SKETCH
LOG OF BORING # 1 – 7
LEGEND TO SOIL DESCRIPTION

**Design Phase Geotechnical Report
Proposed IT Building Addition
Western Technical College
La Crosse, Wisconsin**

CVT Project Number: 6457.14.WIL
Date: May 29, 2014

A. Introduction

The intent of this report is to present our findings and describe the means used to collect the data. The data was collected for a specific purpose and may not be suitable for other purposes. We should be consulted before attempting to use the data for other uses. A complete and thorough review of the entire document, including its assumptions and its appendices, should be undertaken immediately upon receipt.

A.1. Purpose

This geotechnical report was prepared to assist planning for proposed addition in La Crosse, Wisconsin. Our services were authorized by Mr. Shawn Lortscher, LEED AP of Johnson Controls, Inc. on behalf of WTC.

A.2. Scope

To obtain data for analysis, 7 penetration test (SPT) borings were originally requested at the site. Due to access constraints, 2 of the borings were hand drilled. The SPT borings were drilled to depths of about 20 feet, while the hand auger (HA) borings were drilled to about 10 feet. Our engineering scope consisted of providing geotechnical recommendations for design of the proposed building addition.

A.3. Boring Locations

The preferred boring locations were indicated to Chosen Valley Testing on a site plan provided by Johnson Controls, Inc., and were offset in the field due to access and utility constraints. The Boring Location Sketch in the Appendix shows the approximate boring locations as drilled.

Elevations at the borings were estimated using a laser level. The finished floor at the north entrance of the existing IT Building was used as a benchmark, and was understood to be at an elevation of 677.15 feet.

A.4. Geologic Background

A geotechnical report is based on subsurface data collected for the specific structure or problem. Available geologic data from the region can help interpretation of the data and is briefly summarized in this section.

Geologic maps of the area indicate that the dominant soils in the area are alluvial deposits of sands and gravels, often overlain by layers of silt or clay. Bedrock is likely 100 feet or more below the surface.

B. Subsurface Data

The borings were performed using penetration test procedures (Method of Test D1586 of the American Society for Testing and Materials). This procedure allows for the extraction of intact soil specimen from deep in the ground. With this method, a hollow-stem auger is drilled to the desired sampling depth. A 2-inch OD sampling tube is then screwed onto the end of a sampling rod, inserted through the hole in the auger's tip, and then driven into the soil with a 140-pound hammer dropped repeatedly from a height of 30 inches above the sampling rod. The sampler is driven 18 inches into the soil, unless the material is too hard. The samples are generally taken at 2½ to 5-foot intervals. The core of soil obtained was classified and logged by our drilling personnel at the site and a representative portion was then sealed and delivered to our laboratory for further review.

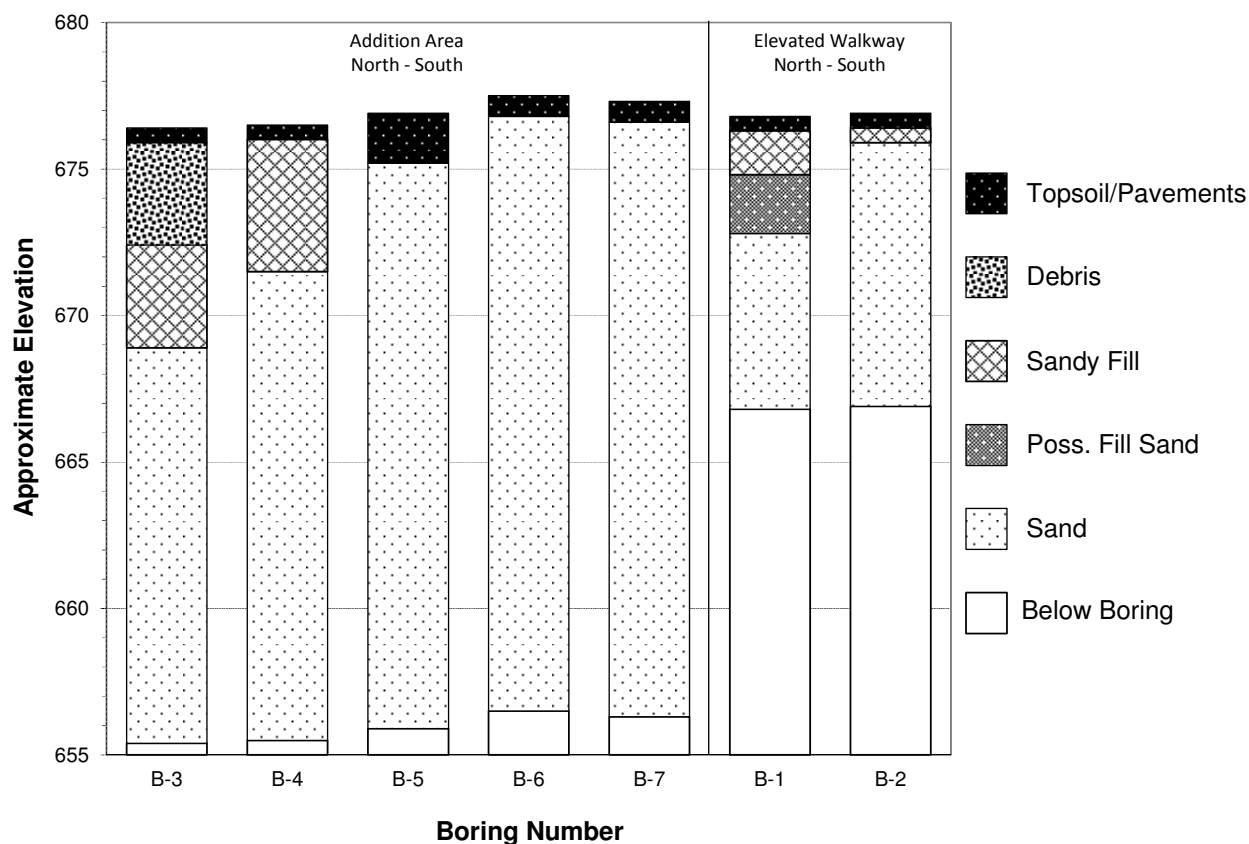
B.1. Strata

At the surface, most of the borings encountered about ½ to 2 feet of topsoil materials. The two southern borings encountered about 2 to 2½ inches of bituminous over about 4½ inches of aggregate base.

The two borings for the elevated walkway (Borings B-1 and B-2) and the two northern addition area borings (B-3 and B-4) then encountered mixed silty sands to about 1 to 7½ feet that appeared to be fill materials. The fill in the northeast addition boring (B-3) consisted primarily of concrete and brick debris from about 2 to 4 feet within the fill. We note that the material in the northern elevated walkway boring (B-1) was termed "possible fill" because the soils differed slightly from more obvious natural soils at the site but lacked any obvious indicators of fill, such as debris.

Beneath the upper soils, the borings were dominated by clean sands that appeared to be natural deposits. All of the borings terminated in the sands around 10 to 21 feet below the surface.

The soil boring data have been summarized in the following cross-section. Please refer to the Log of Boring sheets in the Appendix for more detailed information.



B.2. Penetration Test Results

Penetration Test Results: The number of blows needed for the hammer to advance the penetration test sampler is an indicator of soil characteristics. The results tend to be more meaningful for natural mineral soils, than for fill soils. In fill soils, density tests are more meaningful.

Penetration resistance values ("N" Values) of 2 Blows per Foot (BPF) to 50 blows for 2 inches of sampler advancement were recorded in the sandy fill materials and debris, indicating they were variable. The dominant clean sands returned sands returned values of 4 to 12 BPF, indicating they were very loose to medium dense, but were mostly loose.

A key to the descriptors used to qualify the relative density of soil (such as *soft*, *stiff*, *loose* and *dense*) can be found on the legend to Soil Description in the Appendix.

B.3. Groundwater Data

During drilling, the drillers may note the presence of moisture on the sampler, in the cuttings, or in the borehole itself. These findings are reported on the Logs of Boring. Because water levels vary with weather, time of year, and other factors, the presence or lack of water during exploration is subject to interpretation and is not always conclusive.

Water was not recorded in any of the borings and no overly wet or water bearing samples were recovered. Water levels at the site are expected to fluctuate seasonally with levels of nearby creeks and

rivers as well as with local weather patterns.

C. Design Data

Because each structure has a different loading configuration and intensity, different grades, and different structural or performance tolerances, the results of a geotechnical exploration will mean different things for different facilities. If the design of the facility changes, the soils engineer should be contacted to discuss the possible implications of the changes. Without a chance to review such changes, the recommendations of the soils engineer may no longer be valid or appropriate.

The project consists of construction of a new building addition to the west side of the existing Integrated Technologies Building, including an elevated walkway from the 2nd floor to the building north of the IT Building. We understand that the addition will be a single-story, slab-on-grade structure. The building is assumed to be steel-framed with a masonry shell.

For the addition, we understand that maximum column loads are on the order of 250 kips or less, and that maximum strip footing loads will be about 5,000 pounds per foot or less. For the elevated walkway, we understand that maximum column loads are on the order of 80 kips. We understand these loads are paired and spaced about 10 feet apart, so that the foundations would be combined for each pair.

Finished floor grade is assumed to be at or near the finished floor of the existing building, or around 677.15 feet. Based on the boring elevations, about 1 foot or less of filling would be required to reach this grade.

D. Analysis

The borings indicated that the upper soils on this site consist primarily of sandy fill with debris over clean, natural sands. The fill materials and debris are considered to be unsuitable for support of the proposed addition. We recommend that the fill and debris be completely removed from the addition and oversize areas, and replaced with engineered fill. These materials were about 5 to 7½ feet deep in the north area of the proposed addition (Borings B-3 and B-4), and about 1 to 2 feet deep in the area of the proposed elevated walkway (B-1 and B-2).

Again, possible fill sands were encountered in the elevated walkway area below the more apparent fill. We recommend that these soils be evaluated during excavation once they are better exposed. If the possible fill sands are shown to be natural deposits, portions can likely be left in place. Otherwise we recommend completely removing the possible fill from below the walkway foundations, and replacing them with engineered fill. Based on the expected foundation depths, the elevated walkway footings are expected to bear below these soils.

The natural sands are considered generally suitable for support of the understood foundation loads,

though some of the upper sands were rather loose. To provide more uniform support proposed addition and elevated walkway, we recommend surface compacting the natural sands directly below the footings with a large, turtle type compactor. These compaction efforts should be evaluated during construction to confirm proper densification.

We recommend that the soil conditions and the above corrections be observed and evaluated by geotechnical personnel from Chosen Valley Testing during construction. Based on those observations, additions or changes to the soil corrections may be recommended.

With proper implementation of these improvements, we are of the opinion that foundations for the addition and the elevated walkway can be designed to exert a bearing pressure of up to 4,000 psf. Based on this bearing capacity, total settlements are estimated to be on the order of 1 inch or less with differential settlements on the order of ½ inch or less between similarly loaded footings.

The remainder of this report provides more details of our recommendations for the proposed building and utilities.

E. Building Recommendations

E.1. Grading Recommendations

E.1.a. Stripping: We recommend stripping the existing paving materials and topsoil from below the addition and oversize areas. At the locations explored, these materials were typically about ½ to 2 feet deep.

E.1.b. Soil Corrections: As mentioned, the upper soils on the site consist of fill sands and silty sands, and concrete rubble over clean, natural sands. We recommend that the fill soils and concrete rubble be completely removed from the building and oversize areas, and replaced with engineered fill. The following table outlines the estimated depths and elevations of the unsuitable soils.

| Boring | Est. Surface Elevation | Est. Depth of Fill, Topsoil, & Pavements | Est. Bottom of Elevation of Unsuitable Soils |
|--------|------------------------|--|--|
| B-1 | 677 | 4* | 673 |
| B-2 | 677 | 1 | 676 |
| B-3 | 676½ | 7½ | 669 |
| B-4 | 676½ | 5 | 671½ |
| B-5 | 677 | 2 | 675 |
| B-6 | 677½ | 1 | 676½ |
| B-7 | 677½ | 1 | 676½ |

*Estimate includes possible fill soils.

Again, possible fill sands were encountered in the elevated walkway area below the more apparent fill.

We recommend that these soils be evaluated during excavation once they are better exposed. If the possible fill sands are shown to be natural deposits, portions can likely be left in place. Otherwise we recommend completely removing the possible fill from below the walkway foundations, and replacing them with engineered fill. Based on the expected foundation depths, the elevated walkway footings are expected to bear below these soils.

We recommend that the soil conditions and the above corrections be observed and evaluated by geotechnical personnel from Chosen Valley Testing during construction. Based on those observations, additions or changes to the soil corrections may be recommended.

E.1.c. Surface Compaction: The natural sands are considered generally suitable for support of the understood foundation loads, though some of the upper sands were rather loose. To provide more uniform support proposed addition and elevated walkway, we recommend surface compacting the natural sands directly below the footings with a large, turtle-type compactor or similar implement. These compaction efforts should be evaluated during construction to confirm proper densification.

E.1.d. Oversizing: Any stripping or corrective excavations should be oversized at least 1 foot beyond the building footing areas for each foot of fill needed below footing grade. This over-sizing can be reduced by up to 50% if rather precise staking is present during grading. In that event, we suggest allowing some extra width as a nominal safety factor against stakes getting moved or knocked down during grading. Extra over-sizing also provides some protection for the owner, in the event the building position changes from the intended position at a later date.

E.1.e. Filling and Compaction: We recommend using clean sands having less than 12% particles passing the number 200 sieve, where fill is needed below foundations. The on-site poorly graded sands appear to be suitable for reuse as structural fill.

In the upper 4 to 6 inches below slabs, we recommend using free-draining sands having less than 5% particles passing a number 200 sieve. All fill below the building and in the oversized area should be compacted to a minimum of 95% of its maximum standard Proctor density (ASTM D 698).

E.2. Building Design

E.2.a. Foundation Depth: We recommend placing foundations for heated structures at least 48 inches below the exposed ground surface for frost protection. Interior foundations in heated areas may be placed directly below slabs. Footings for unheated structures should be placed 60 inches below the exposed ground surface.

E.2.b. Bearing Capacity and Settlement: With the recommended soil corrections and general design information, we estimate that footings may be designed to exert a bearing pressure of up to 4,000 pounds per square foot. This includes a safety factor of at least 3 against shear failure.

At this capacity, total settlements are expected to be on the order of 1 inch or less beneath the maximum

foundation loads. Differential settlement is expected to be less than ½ inch between similarly loaded footings.

E.2.c. Vapor Barrier: A vapor barrier is recommended below slabs that will receive floor coverings. Some contractors prefer to place this below a sand layer, to reduce the potential for curling.

E.2.d. Slab Design: The completed subgrade is expected to consist of relatively clean sands. We recommend using a modulus of subgrade reaction of up to 250 pounds per cubic inch for these conditions.

F. General Grading Recommendations

F.1. Dewatering

As mentioned, water was not encountered in the borings. Because the site is dominated by clean sand, surface water would likely infiltrate quickly, unless the soils are frozen.

F.2. Excavation

Excavation operations can likely be accomplished with a variety of equipment provided the soils are not overly wet. Wheeled equipment tends to have difficulty traversing dry sands. A backhoe is recommended for any deep excavations.

F.3. Sideslopes

The contractor will be required to slope or shore the excavations as needed to meet OSHA requirements for safety and to limit disturbance to surrounding structures. The sands on site are expected to be Type C soils as defined by OSHA.

F.4. Cold Weather

If the excavation occurs during freezing temperatures, good winter construction practices should be used. Frozen fill should not be used, nor should structural filling take place on frozen ground. Slab areas should be completely thawed before placing of concrete.

F.5. Construction Testing and Documentation

The foundation improvements should be evaluated and documented by geotechnical personnel during construction. If the filling proceeds during periods of freezing weather, full-time testing should be considered to help confirm that imported fill is thawed prior to and during compaction, and that all snow has been removed before placement of the fill.

Pockets of deep fill, debris or foundations may be encountered at unexpected locations. Geotechnical evaluations and documentation are strongly recommended during grading to help identify conditions,

document over-sizing and evaluate options, if necessary.

All fill should be evaluated for conformance to the project gradation requirements and should be tested for compaction. Subject to that evaluation, additional effort or compaction with alternative compaction equipment may be deemed warranted.

Although our firm offers testing services relating to structural components of the project (such as concrete testing, reinforcement observations, etc.), specification of such services is beyond our work scope and the designer(s) should be consulted as to such requirements.

G. Level of Care

The services provided for this project have been conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in this area, under similar budget and time constraints. This is our professional responsibility. No other warranty, expressed or implied, is made.

H. Certification

I hereby certify that this report was prepared by me or under my direct supervision, and that I am a duly registered engineer under the laws of the State of Wisconsin.



John Haas, PE
Registration Number 43343
May 29, 2014

Appendix

Boring Location Sketch

Log of Boring # 1-7

Legend to Soil Description



Boring Location Sketch

Proposed IT Building Addition
Western Technical College
La Crosse, WI
6457.14.WIL

Legend

- ⊕ Boring Locations
- ▲ Benchmark



LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-1 | | |
|---|-------|-------------|---|--|-----------------------|--|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. | Depth | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| 676.8 | 0.0 | | | | | |
| 676.3 | 0.5 | CL | Slightly Organic SANDY LEAN CLAY trace roots, black. | | | Benchmark: Finished floor at N entrance to existing building, elevation 677.15 ft. |
| | | SM | (Topsoil) | | | |
| 674.8 | 2.0 | | SILTY SAND fine grained, trace gravel, mixed, dark brown, moist. | | | |
| | | SP | (Fill) | | | |
| | | SM | POORLY GRADED SAND with SILT fine grained, slightly mixed, dark brown to light brown, moist. | | | |
| 672.8 | 4.0 | | (Alluvium/Possible Fill) | | | |
| | | SP | POORLY GRADED SAND fine grained, light brown, moist. | | | |
| | | | (Alluvium) | | | |
| | | | | | | |
| | | | | | | |
| 666.8 | 10.0 | | | | | |
| | | | End of boring. | | | |
| | | | No water encountered during or after drilling. | | | |
| | | | Boring sealed upon completion. | | | |
| | | | | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A.GNIN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-2 | | |
|--|-------|-------------|--|-----------------------------------|----------------|-----------------|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. | Depth | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| 676.9 | 0.0 | | | | | |
| 676.4 | 0.5 | CL | Slightly Organic SANDY LEAN CLAY trace roots, black. | | | |
| 675.9 | 1.0 | SM | (Topsoil) | | | |
| 674.9 | 2.0 | SP | SILTY SAND fine grained, trace gravel, mixed, dark brown, moist. | | | |
| | | SM | (Fill) | | | |
| | | SP | POORLY GRADED SAND with SILT fine grained, dark brown to brown, moist. | | | |
| | | | (Alluvium) | | | |
| | | | POORLY GRADED SAND fine grained, light brown, moist. | | | |
| | | | (Alluvium) | | | |
| 666.9 | 10.0 | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A.GNIN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-3 | | |
|---|-------|-------------|--|--|-----------------------|--|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. | Depth | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| 676.4 | 0.0 | SM | <u>Slightly Organic SILTY SAND</u> fine grained, trace roots, black. (Topsoil/Fill) | | | |
| 674.4 | 2.0 | | | | | |
| | | | <u>CONCRETE and BRICK DEBRIS</u> | * | | * 28 / 50 = 2" No sampler return, auger cuttings sampled. |
| 672.4 | 4.0 | | | | | |
| | | SM | <u>SILTY SAND</u> fine grained, trace gravel, 2" layers of clay, mixed, dark brown, moist, loose. (Fill) | 6 | | |
| 668.9 | 7.5 | | | | | |
| | | SP | <u>POORLY GRADED SAND</u> fine grained, light brown, moist very loose to loose. (Alluvium) | 9 | | Poor return. |
| | | | | 8 | | |
| | | | | 4 | | Poor return. |
| | | | | 9 | | |
| 655.4 | 21.0 | | | 10 | | |
| | | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A.GNIN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | | BORING: B-4 | |
|--|--------------|----------------|---|-----|-----------------------------------|-----------------|
| | | | | | LOCATION: See attached sketch. | |
| | | | | | DATE: 5/12/2014 | SCALE: 1" = 3' |
| Elev. 676.5 | Depth 0.0 | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| | | SM | Slightly Organic SILTY SAND fine grained, trace roots, black. (Topsoil/Fill) | | | |
| 674.5 | 2.0 | SM | SILTY SAND fine grained, trace gravel, trace concrete debris, mixed, dark brown, moist, very loose to loose. (Fill) | 2 | | |
| 671.5 | 5.0 | SP | POORLY GRADED SAND fine grained, light brown, moist, loose to medium dense. (Alluvium) | 6 | | |
| | | | | 11 | | |
| | | | | 8 | | |
| | | | | 9 | | |
| | | | | 7 | | |
| 655.5 | 21.0 | | | 11 | | |
| | | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A GNN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-5 | | |
|---|--------------|----------------|--|--|-----------------------|-----------------|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. 676.9 | Depth 0.0 | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| | | CL | Slightly Organic SANDY LEAN CLAY trace roots, black. (Topsoil) | | | |
| 675.2 | 1.7 | SP | POORLY GRADED SAND fine grained, light brown, moist, loose to medium dense. (Alluvium) | 6 | | |
| | | | | 8 | | |
| | | | | 8 | | |
| | | | | 7 | | |
| | | | | 8 | | |
| | | | | 8 | | |
| | | | | 11 | | |
| 655.9 | 21.0 | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A.GNIN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-6 | | |
|--|-------|-------------|--|-----------------------------------|----------------|-----------------|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. | Depth | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| 677.5 | 0.0 | | | | | |
| 677.3 | 0.2 | | 2" BITUMINOUS | | | |
| 676.8 | 0.7 | SP | 4.5" AGGREGATE BASE POORLY GRADED SAND fine grained, light brown, moist, loose to medium dense. (Alluvium) | | | |
| | | | | 7 | | |
| | | | | 7 | | |
| | | | | 8 | | |
| | | | | 9 | | |
| | | | | 9 | | |
| | | | | 6 | | |
| | | | | 10 | | |
| 656.5 | 21.0 | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A GNN06.GDT 19/05/14

LOG OF BORING

CHOSEN VALLEY TESTING



| PROJECT: 6457.14.WIL Design Phase Geotechnical Evaluation Proposed IT Building Addition Western Technical College La Crosse, Wisconsin | | | | BORING: B-7 | | |
|--|-------|-------------|--|-----------------------------------|----------------|-----------------|
| | | | | LOCATION: See attached sketch. | | |
| | | | | DATE: 5/12/2014 | SCALE: 1" = 3' | |
| Elev. | Depth | USCS Symbol | Description of Materials (ASTM D 2487/2488) | BPF | WL | Tests and Notes |
| 677.3 | 0.0 | | | | | |
| 677.0 | 0.3 | | 2.5" BITUMINOUS | | | |
| 676.6 | 0.7 | SP | 4.5" AGGREGATE BASE POORLY GRADED SAND fine grained, light brown, moist, loose to medium dense. (Alluvium) | | | |
| | | | | 6 | | |
| | | | | 6 | | |
| | | | | 9 | | |
| | | | | 8 | | |
| | | | | 8 | | |
| | | | | 6 | | |
| | | | | 12 | | |
| 656.3 | 21.0 | | End of boring. No water encountered during or after drilling. Boring sealed upon completion. | | | |

CVT STANDARD 6457.14.WIL (WTC IT ADDITION).GPJ LOG A GINN06.GDT 19/05/14

UNIFIED SOIL CLASSIFICATION (ASTM D-2487/2488)

| MATERIAL TYPES | CRITERIA FOR ASSIGNING SOIL GROUP NAMES | | | GROUP SYMBOL | SOIL GROUP NAMES & LEGEND | |
|--|--|---|-------------------------------------|--------------|---------------------------|--|
| COARSE-GRAINED SOILS >50% RETAINED ON NO. 200 SIEVE | GRAVELS >50% OF COARSE FRACTION RETAINED ON NO 4. SIEVE | CLEAN GRAVELS <5% FINES | Cu>4 AND 1<Cc<3 | GW | WELL-GRADED GRAVEL | |
| | | | Cu>4 AND 1>Cc>3 | GP | POORLY-GRADED GRAVEL | |
| | | GRAVELS WITH FINES >12% FINES | FINES CLASSIFY AS ML OR CL | GM | SILTY GRAVEL | |
| | | | FINES CLASSIFY AS CL OR CH | GC | CLAYEY GRAVEL | |
| | SANDS >50% OF COARSE FRACTION PASSES ON NO 4. SIEVE | CLEAN SANDS <5% FINES | Cu>6 AND 1<Cc<3 | SW | WELL-GRADED SAND | |
| | | | Cu>6 AND 1>Cc>3 | SP | POORLY-GRADED SAND | |
| | | SANDS AND FINES >12% FINES | FINES CLASSIFY AS ML OR CL | SM | SILTY SAND | |
| | | | FINES CLASSIFY AS CL OR CH | SC | CLAYEY SAND | |
| FINE-GRAINED SOILS >50% PASSES NO. 200 SIEVE | SILTS AND CLAYS LIQUID LIMIT<50 | INORGANIC | PI>7 AND PLOTS>"A" LINE | CL | LEAN CLAY | |
| | | | PI>4 AND PLOTS<"A" LINE | ML | SILT | |
| | | ORGANIC | LL (oven dried)/LL (not dried)<0.75 | OL | ORGANIC CLAY OR SILT | |
| | SILTS AND CLAYS LIQUID LIMIT>50 | INORGANIC | PI PLOTS >"A" LINE | CH | FAT CLAY | |
| | | | PI PLOTS <"A" LINE | MH | ELASTIC SILT | |
| | | ORGANIC | LL (oven dried)/LL (not dried)<0.75 | OH | ORGANIC CLAY OR SILT | |
| HIGHLY ORGANIC SOILS | | PRIMARILY ORGANIC MATTER, DARK IN COLOR, AND ORGANIC ODOR | | PT | PEAT | |

| Relative Proportions of Sand and Gravel | |
|---|------------------------|
| TERM | PERCENT |
| Trace | < 15 |
| With | 15 - 29 |
| Modifier | > 30 |
| Relative Proportions of Fines | |
| TERM | PERCENT |
| Trace | < 5 |
| With | 5 - 12 |
| Modifier | > 12 |
| Grain Size Terminology | |
| TERM | SIZE |
| Boulder | < 12 in. |
| Cobble | 3 in. - 12 in. |
| Gravel | #4 sieve to 3 in. |
| Sand | #200 sieve to #4 sieve |
| Silt or Clay | Passing #200 sieve |

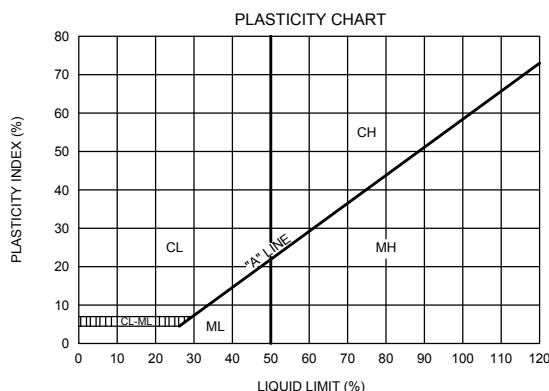
SAMPLE TYPES

- Hand Augered
- Hollow Stem
- Standard Penetration Test

TEST SYMBOLS

- | | |
|-----------------------------|--|
| MC - MOISTURE CONTENT | LL - LIQUID LIMIT |
| OC - ORGANIC CONTENT | PI - PLASTISITY INDEX |
| CN - CONSOLIDATION | SW - SWELL TEST |
| DD - DRY DENSITY | UU - Unconsolidated Undrained triaxial |
| PP - POCKET PENETROMETER | |
| RV - R-VALUE | |
| SA - SIEVE ANALYSIS | |
| P200 - % PASSING #200 SIEVE | |

- WATER LEVEL (WITH TIME OF MEASUREMENT)



| PENETRATION RESISTANCE (RECORDED AS BLOWS / 0.5 FT) | | | | |
|--|-------------|--------------|-------------|----------------------------|
| SAND & GRAVEL | | SILT & CLAY | | |
| RELATIVE DENSITY | BLOWS/FOOT* | CONSISTENCY | BLOWS/FOOT* | COMPRESSIVE STRENGTH (TSF) |
| VERY LOOSE | 0 - 4 | VERY SOFT | 0 - 1 | 0 - 0.25 |
| LOOSE | 4 - 10 | SOFT | 2 - 3 | 0.25 - 0.50 |
| MEDIUM DENSE | 10 - 30 | RATHER SOFT | 4 - 5 | 0.50 - 1.0 |
| DENSE | 30 - 50 | MEDIUM | 6 - 8 | |
| VERY DENSE | OVER 50 | RATHER STIFF | 9 - 12 | 1.0 - 2.0 |
| | | STIFF | 13 - 16 | |
| | | VERY STIFF | 17 - 30 | 2.0 - 4.0 |
| | | HARD | OVER 30 | OVER 4.0 |

* NUMBER OF BLOWS OF 140 LB HAMMER FALLING 30 INCHES TO DRIVE A 2 INCH O.D. (1-3/8 INCH I.D.) SPLIT-BARREL SAMPLER THE LAST 12 INCHES OF AN 18-INCH DRIVE (ASTM-1586 STANDARD PENETRATION TEST).

Chosen Valley Testing

Job No. 6457.14.WIL

**LEGEND TO SOIL
DESCRIPTIONS**



DOCUMENT 00 41 00

BID FORM - Revised

BIDDER: _____

BID FOR SINGLE PRIME CONTRACT

PROJECT: **WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING & VETERAN'S CENTER ADDITION
400 SEVENTH STREET NORTH
LA CROSSE, WISCONSIN 54601**

TO: **WESTERN TECHNICAL COLLEGE
505 NORTH 9th ST
LA CROSSE, WISCONSIN 54601
ATT: JAY McHENRY – DIRECTOR OF FACILITIES**

BASE BID

The undersigned, having examined the site where the Work is to be executed and become familiar with local conditions affecting the cost of the Work and carefully examined the Project Manual, the Project Drawings, all other Bidding Documents and Addenda thereto prepared by the AE, HSR Associates, Inc., hereby agrees to provide all labor, materials, equipment and services necessary for the complete and satisfactory execution of the ENTIRE WORK, in the time frame stipulated in these contract documents, for the Base Bid stipulated sum of:

_____ Dollars (\$_____ .00)

ALTERNATE BIDS

The undersigned further agrees to perform the alternative portions of the Work as described in the Project Manual, Section 01 23 00 Alternates, for the following additions to or deductions from the Base Bid sum stipulated above:

Alternate No. 1 Veterans Center Addition & Remodeling

Add _____ Dollars (\$_____ .00)

Alternate No. 2 Veterans Center Fin Tube Radiation

Add _____ Dollars (\$_____ .00)

Alternate No. 3 Business Ed Stairway/Exiting/Elevator Remodeling

Add _____ Dollars (\$_____ .00)

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BIDDER'S CHOICE SUBSTITUTIONS

The following Bidder's Choice Substitution is proposed for your consideration subject to the requirements set forth in Document 00 22 13 Supplementary Instructions to Bidders, Subparagraph 3.3.4:

Substitution No. S1:

For substituting _____

Type, Brand, Catalog No. _____

Manufacturer _____

Deduct from BASE BID _____ Dollars (\$_____.00)

In submitting this Bid, the undersigned agrees to:

1. Hold this Bid open for **30** days.
2. Accept the provisions of Instructions to Bidders regarding disposition of Bid Security.
3. Enter into and execute an Agreement, if awarded on the basis of this Bid, and to furnish Performance and Labor and Material Payment Bonds according to the Supplementary Conditions.
4. Accomplish work according to the Contract Documents.
5. Complete the work by the time stated in Section 01 10 00 Summary of the Work.

Receipt of the following Addenda and inclusion of their provisions in this Bid is hereby acknowledged:

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Addendum No. _____ Dated _____

Attached hereto are the required:

- a. ☐ Bid Security
- b. ☐ Section 00 45 13 Certificate of Organization and Authority
- c. ☐ Section 00 45 17 Non-Collusive Affidavit: An affidavit in proof that the undersigned has not entered into any collusion with any person in respect to this Bid or any other bid or the submitting of bids for the contract for which this bid is submitted.
- d. ☐ Section 00 45 19 Certification of Non-segregated Facilities

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(Affix seal if
Corporation)

FIRM NAME: _____

By: _____

Title: _____

By: _____

Title: _____

Date: _____

Official Address: _____

Telephone: _____

END OF DOCUMENT 00 41 00

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SECTION 01 10 00
SUMMARY - Revised

PART 1 GENERAL

1.01 PROJECT

- A. Refer to Cover Sheet on Drawings for project title and location.
- B. Refer to 00 11 13 Advertisement for Bids for brief description of Project.

1.02 RELATED REQUIREMENTS

- A. Section 01 50 00 - Temporary Facilities: Requirements for temporary utilities.
- B. Section 01 70 00 - Administrative Requirements: Contract limits and protection of existing conditions.

1.03 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00 52 00 - Agreement Form.

1.04 PHASED CONSTRUCTION

- A. The Work shall be conducted in a single phase.

1.05 DESCRIPTION OF ALTERATIONS WORK

- A. Scope of demolition and removal work is indicated on drawings and specified in Section 02 41 00.
- B. Scope of alterations work is indicated on drawings.

1.06 WORK REQUIRED TO MAINTAIN WARRANTY AND SYSTEM CONTINUITY

- A. Paver system removal and reinstallation shall be by Winona Nursery and included in Contract pricing. Contact McLean Benson 507-452-6237.

1.07 WORK BY OTHERS

- A. Items indicated "N.I.C." on the Project Drawings will be furnished and installed by others not a party to the Prime Contracts.
- B. The Owner will secure separate contracts with their vendors for access control and sound masking system.
 - 1. Roof system and related metal flashings.
 - 2. System furniture.

1.08 OWNER OCCUPANCY

- A. Owner intends to continue to occupy adjacent portions of the existing building during the entire construction period.
- B. Owner intends to occupy the Project upon Substantial Completion.
- C. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
 - 1. Core drilling shall be scheduled with Owner's input to eliminate conflict with building activities.

1.09 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
 - 1. Contractor's will be allowed to use Parking Lot K at 8th St and Pine St for mobilizing and storing of equipment and materials.
- B. Provide access to and from site as required by law and by Owner:
 - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 - 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- C. Time Restrictions:
 - 1. Work on the Project shall be done during normal working hours. If at any time during construction it becomes necessary to accelerate the Work in order to meet completion dates for portions or all of the Work, all trades shall work overtime at no additional cost to Owner.

- D. Utility Outages and Shutdown:
 - 1. Notify Owner within 48 hours of necessary interruptions of services including, but not limited to: HVAC systems, water service (hot & cold), electrical service, communications systems.
 - 2. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 day notice to Owner and authorities having jurisdiction.
 - 3. Prevent accidental disruption of utility services to other facilities.

1.10 ACCESS TO AND PROTECTION OF WORK AREA

- A. Access to courtyard area shall be from 8th street.
- B. Provide minimum ¾" plywood for vehicle travel over paver areas. 2 inch thick rubber mats shall be placed at stabilizer locations when applicable, especially for heavy or tracked equipment. Maneuver vehicles to avoid excessive turning radiuses.
- C. The protection materials at walkway/paver area shall maintain ADA requirement for change in elevation. Edges of protection materials shall maintain maximum 1/2 inch difference in height. Plywood or other material subject to warping shall be monitored daily and replaced when warpage exceeds these requirements. Contractors shall be vigilant in preventing tripping hazards and other safety issues at pedestrian areas affected by construction.
- D. Replace damaged areas to like new condition at no extra cost to the Owner.

1.11 CONSTRUCTION SCHEDULE

- A. Date of Commencement of ARC Library Work (Base bid): May 7, 2018
- B. Date of Substantial Completion of ARC Library Work (Base Bid): August 17, 2018
- C. Date of Commencement of Veterans Center Work (Alternate No. 1): May 21, 2018
- D. Date of Substantial Completion of Veterans Centers Work (Alternate No. 1) October 15, 2018
- E. Date of Commencement of Business Ed Stairway/Exiting/Elevator Work (Alternate No. 3): May 21, 2018.
- F. Date of Substantial Completion of Business Ed Stairway/Exiting/Elevator Work (Alternate No. 3): August 31, 2018.
- G. Final Completion: The completion of all Work according to the contract Documents, approved by the AE and accepted by the Owner shall be within 30 days after the Date of Substantial Completion.
- H. Exceptions: The only exceptions to the above completion dates are delay or termination because of a national emergency and/or extension of time for completion claimed and allowed according to the General Conditions and/or Supplementary Conditions.

1.12 WORK SEQUENCE

- A. Coordinate construction schedule and operations with Architect.

END OF SECTION

SECTION 01 23 00
ALTERNATES - Revised

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Description of Alternates.

1.02 RELATED REQUIREMENTS

- A. Document 00 21 13 - Instructions to Bidders: Instructions for preparation of pricing for Alternates.

1.03 DESCRIPTION

- A. Conditions of the Contract and pertinent portions of Sections in Division One of this Project Manual, apply to the Work of this Section as fully as though repeated herein.
- B. This Section describes the alternates to the project. Refer to the Product/Execution Articles of the Contract Documents for information pertaining to the work of each alternate.
- C. Each proposal under an alternate shall include all incidental work and all adjustments necessary to accommodate the changes. All work shall meet the requirements of the Contract Documents.
- D. Each alternate proposal shall be submitted as an individual cost for the particular alternate and shall be proposed under the premise that no other alternates have been accepted. Should the work of an alternate called for by the Bid Form not affect the cost of the work, "No Change" shall be stated.
- E. Owner may, at his option, vary the scope of the work by authorizing alternates which will add to the work, deduct from the work or substitute materials, equipment or methods.
- F. Immediately following Award of Contract, awarded Contractor shall prepare and distribute to each party involved, notification of the status of each alternate. Indicate whether alternates have been accepted, rejected, or deferred for consideration at a later date. Include a complete description of negotiated modifications to alternates, if any.

1.04 ACCEPTANCE OF ALTERNATES

- A. Alternates quoted on Bid Forms will be reviewed and accepted or rejected at Owner's option. Accepted Alternates will be identified in the Owner-Contractor Agreement.

1.05 SCHEDULE OF ALTERNATES

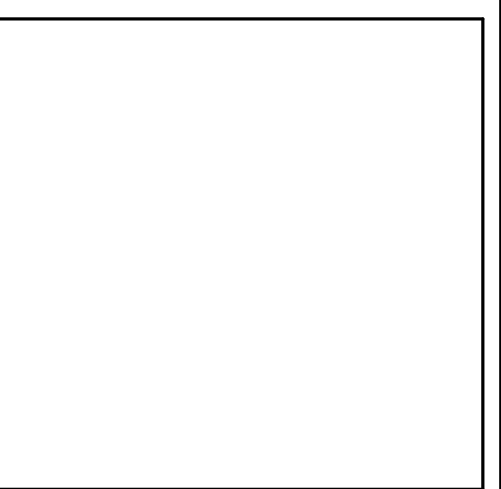
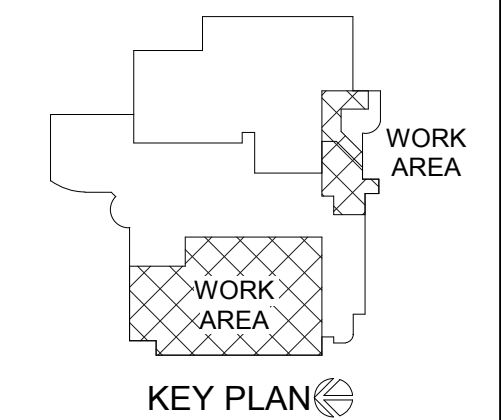
- A. Alternate No. 1: Veterans Center Addition & Remodeling
 - 1. The following work shall be priced under Alternate No. 1: State the amount to be added to the base bid to construct the Veterans Center addition and remodeling complete all related Work on first floor as shown on the Drawings including removing entry door and installing CMU wall to divide Storage 125 and Stair A01. This Alternate Work is contingent upon Wisconsin Technical College State Board approval and will become a separate contract upon approval.
- B. Alternate No. 2: Veterans Center Fin Tube Radiation
 - 1. The following work shall be priced under Alternate No. 2: State the amount to be added to the base bid to install fin tube radiation in the Veterans Center Offices 122A, B and C. Refer to detail 1M100.
- C. Alternate No. 3: Business Ed Stairway/Exiting/Elevator Remodeling
 - 1. The following work shall be priced under Alternate No. 3: State the amount to be added to the base bid to construct the Business Ed Stairway/Exiting/Elevator work and complete all related remodeling on basement floor shown on 2A100 and first floor Corridor 100, and Stair 100 on 1 and 4A100. This Alternate Work is contingent upon Wisconsin Technical College State Board approval and will be combined with Alternate No. 1 to form a separate contract upon approval.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

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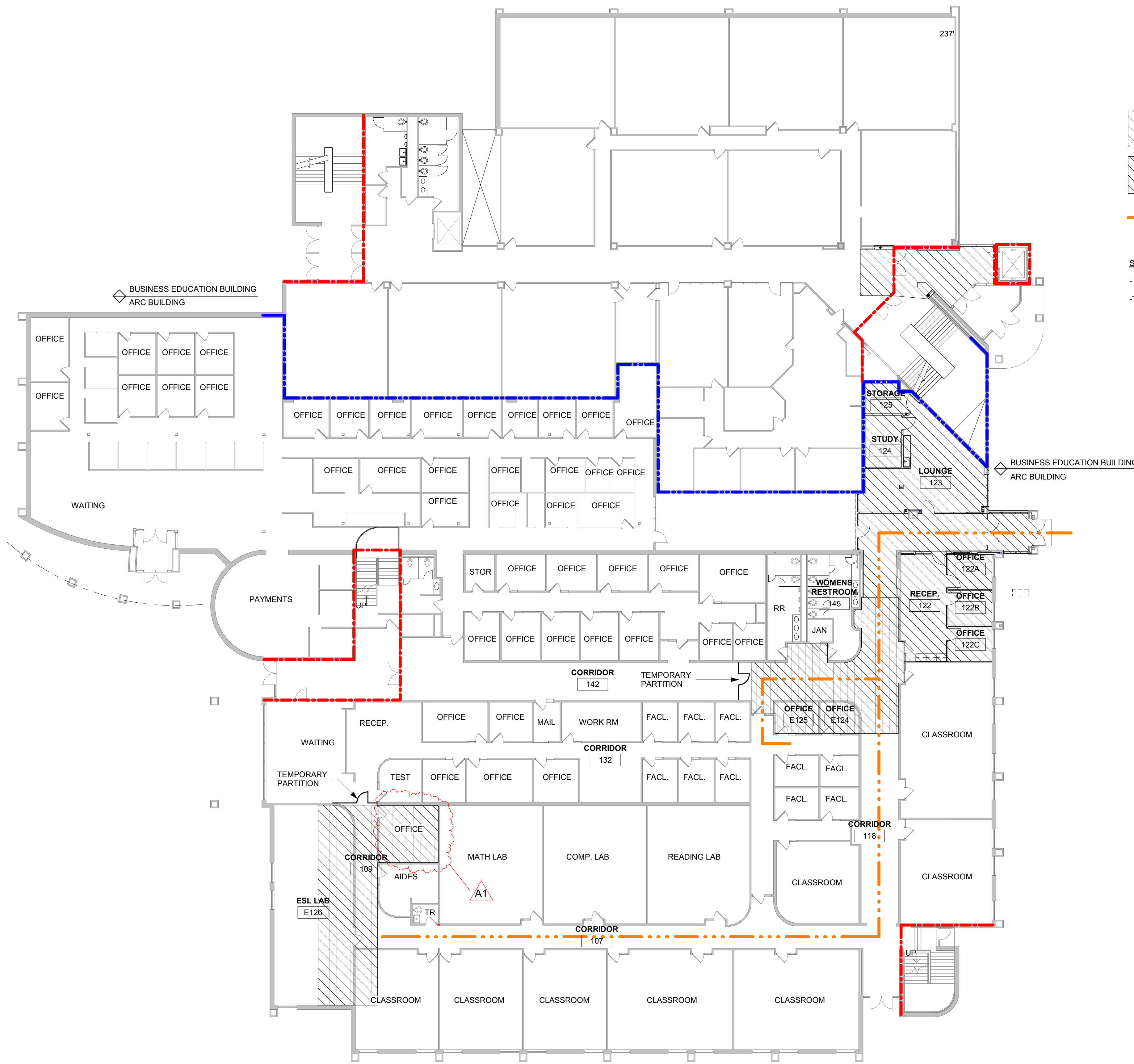
| No. | Description | Date |
|-----|-------------|---------|
| A1 | ADDENDUM #1 | 3-23-18 |

Graphic Scale: **VARIES**

Last Update: **3/22/2018 2:37:19 PM**

A002R

- AREAS OF WORK**
- AREAS OF CEILING REMOVAL/REINSTALLION BY
G.C. AS REQUIRED FOR MEP/STRUCTURAL WORK**
- WORK PATH**
- STAGING AND WORK PATHS**
- ALL PATHS USED ARE TO BE PROTECTED DURING DEMOLITION AND CONSTRUCTION
 - TEMPORARY PARTITIONS ARE TO MAINTAIN EXITING, SEE SPEC FOR ADDITIONAL INFORMATION



1 **OVERALL FIRST FLOOR**
1/16" = 1'-0"



2 **OVERALL SECOND FLOOR PLAN**
1/16" = 1'-0"

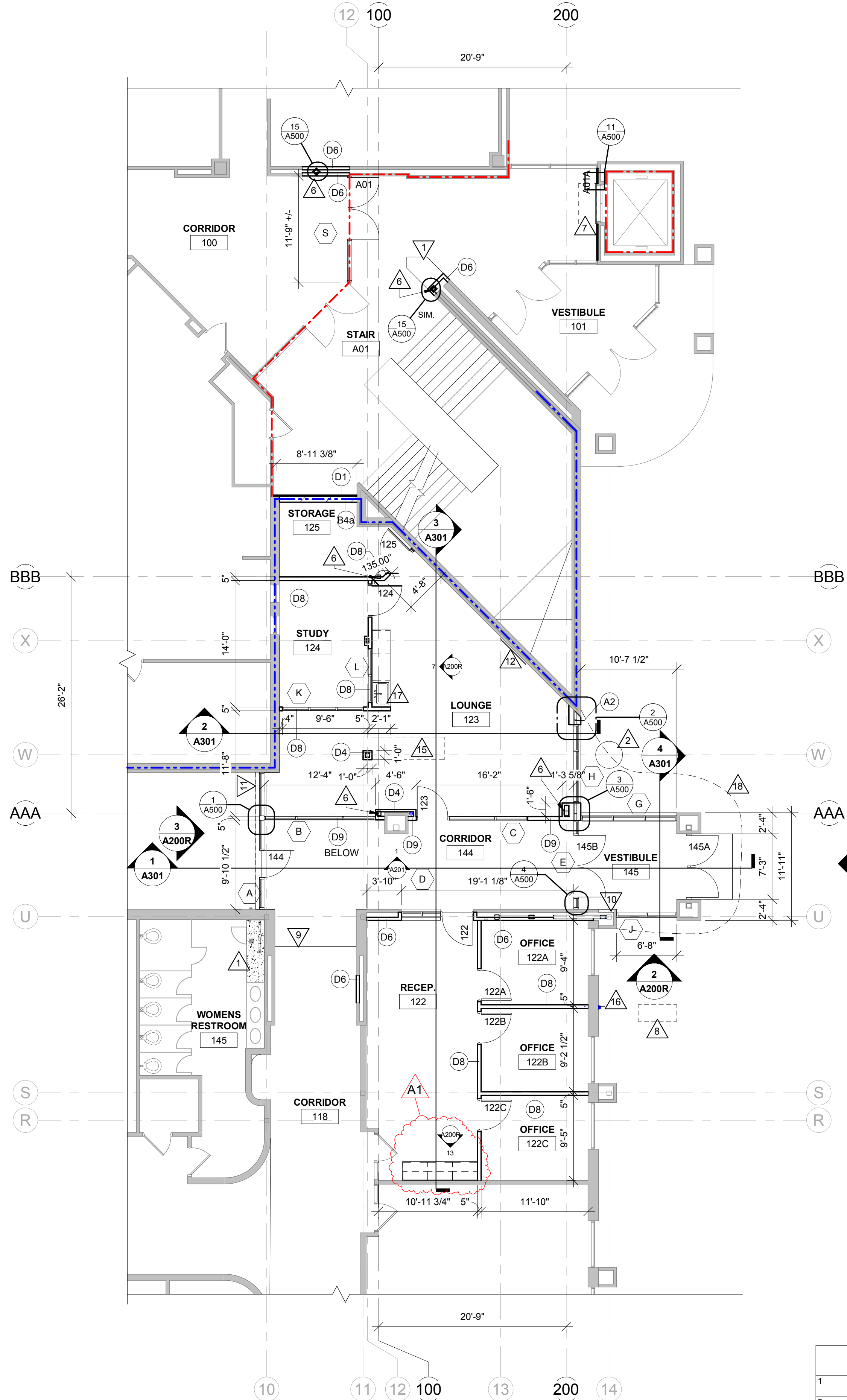
TRASH CHUTE WILL BE ALLOWED OUT OF
SOUTHWEST CORNER WINDOW ON SECOND
FLOOR. FINAL LOCATION AND PROCESS OF
COLLECTION AT GRADE TO BE APPROVED BY OWNER

| LEGEND: | |
|---------|-------------|
| | 1 HOUR WALL |
| | 1 HOUR WALL |

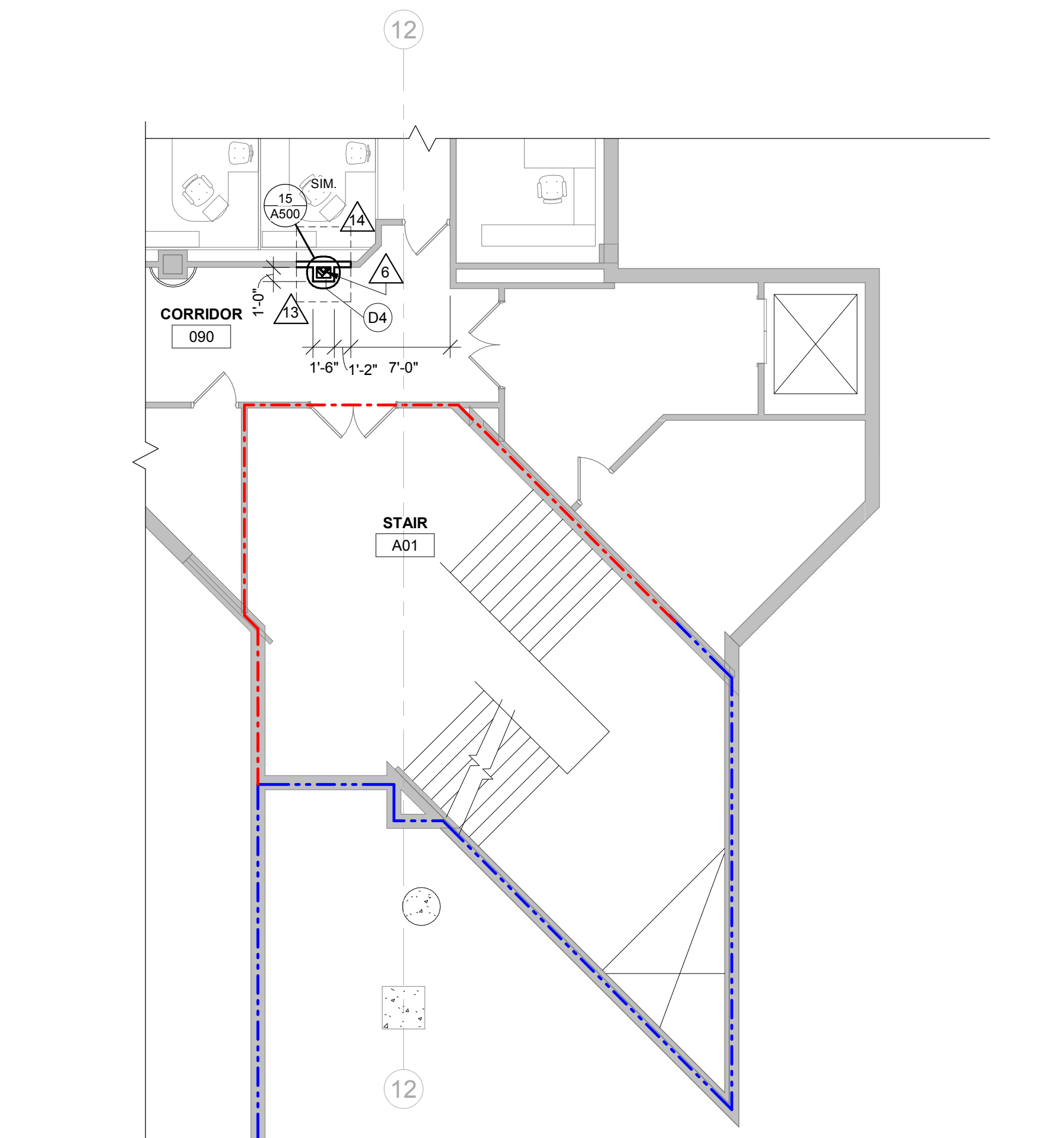
| GENERAL NOTES: | |
|----------------|--|
| A | SEE ID SHEETS FOR FLOOR AND WALL FINISH LAYOUTS. |
| B | LOOSE FURNISHINGS EXCEPT AS NOTED SHALL BE PROVIDED AND INSTALLED BY THE OWNER. |
| C | VERIFY EXACT SIZE AND LOCATION OF ALL MECHANICAL / PLUMB AND ELEC. OPENINGS - GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH AT ALL VISIBLE AREAS. ALL OPENING SHALL BE SEALED AFTER UTILITY INSTALLATION. |
| D | PAINT ALL EXPOSED STEEL LINTELS. |
| E | SEE STRUCTURAL FOR SLAB CONTROL JOINTS. |
| F | SEE A510 FOR WALL CONTROL JOINT DETAILS. SEE PLANS AND ELEVATIONS FOR C.J. LOCATIONS. C.J. = CONTROL JOINTS |
| G | REFER TO OVERALL PLANS FOR FIRE RATING LOCATIONS AND ACCESSIBILITY ROUTES. |

| LEGEND: | |
|---------|---|
| | LIGHT FIXTURE - SEE ELECTRICAL |
| | LIGHT FIXTURE - SEE ELECTRICAL |
| | SUPPLY - SEE MECHANICAL |
| | RETURN - SEE MECHANICAL |
| | EXHAUST - SEE MECHANICAL |
| | SYMBOL INDICATES REFLECTED CEILING PLAN NOTE THIS SHEET |

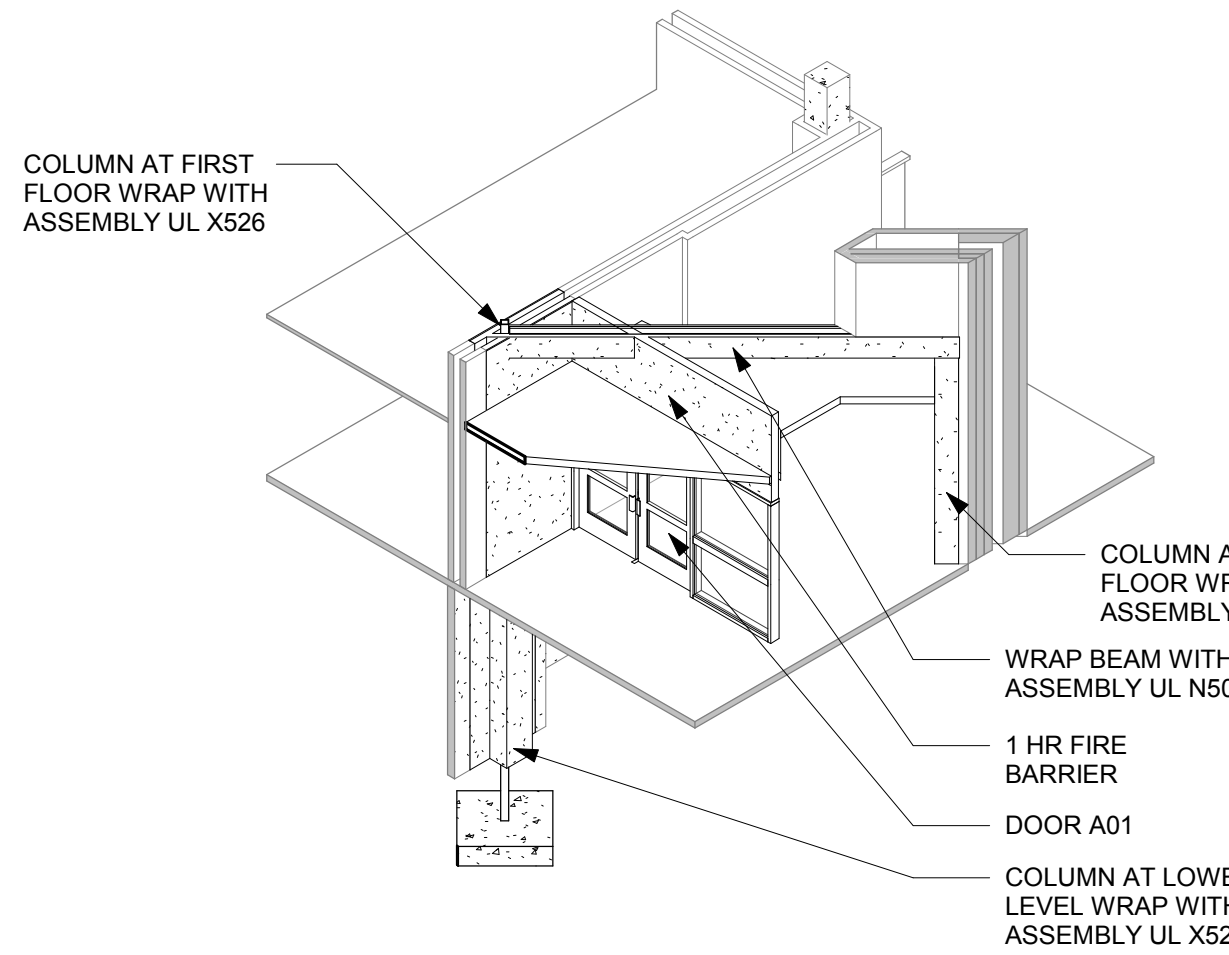
| GENERAL NOTES: | |
|----------------|---|
| A | REFER TO MECHANICAL AND PLUMBING CEILING ACCESS PANEL LOCATIONS & SIZES. |
| B | SEE MECHANICAL FOR CEILING GRILLE INFORMATION |
| C | SEE ELECTRICAL FOR LIGHTING TYPES |
| D | ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYPSTUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING. |
| E | ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL. |
| F | WHERE NO CEILING IS INSTALLED CONTRACTOR SHALL KEEP ALL MEP ABOVE OR EVEN WITH THE LEVEL OF THE LIGHTS. MEP SHALL RUN IN NEAT ORDERLY APPEARANCE GENERALLY PARALLEL OR PERPENDICULAR TO FINISHED STRUCTURE. WALLS IN THESE ROOMS TO RUN TO DECK. |
| G | ALL EXTERIOR EXPOSED STEEL LINTELS/HEADERS SHALL BE GALVANIZED, PRIMED AND PAINTED UNLESS NOTED OTHERWISE. |
| H | REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES |
| I | HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM. |
| J | CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER / MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT. |
| K | CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. ACT-1=REGULAR EDGE. LMC-1 = LINEAR METAL CEILING SYSTEM (3"W x 4"H PROFILE, 5" O.C.). LMC-2 = LINEAR METAL CEILING SYSTEM (2"W x 8"H PROFILE, 8" O.C.) |



1 FIRST FLOOR REMODELED PLAN
1/8" = 1'-0"



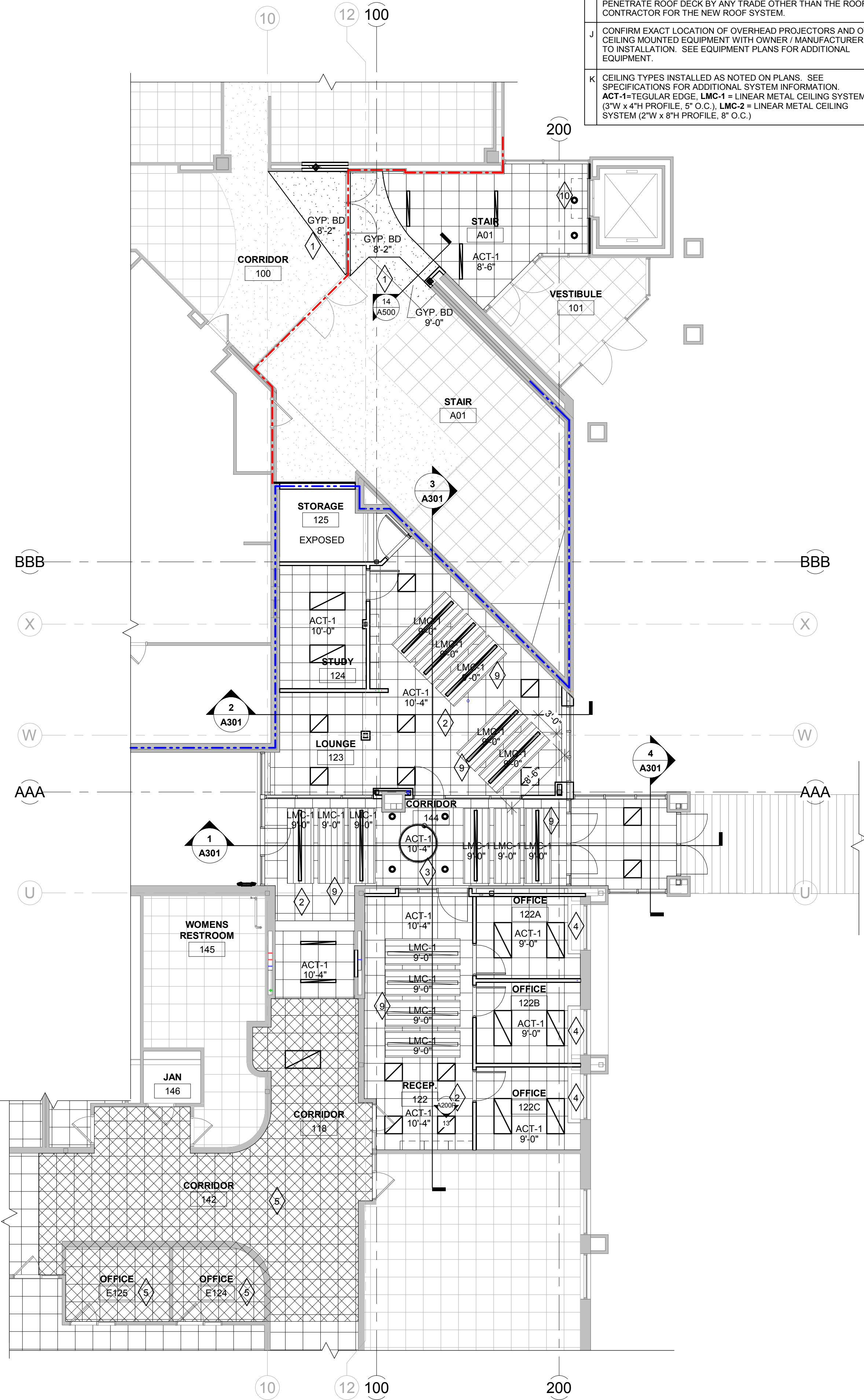
2 LOWER LEVEL REMODELED PLAN
1/8" = 1'-0"



3 BEAM/FIRE BARRIER

| KEY NOTES FLOOR PLAN | |
|----------------------|--|
| 1 | NEW CONCRETE SLAB INFILL ADD #4 REBAR 2'-0" O.C. DOWELED INTO EXISTING SLAB. VERIFY EXACT LOCATION IN FIELD. |
| 2 | MAN HOLE |
| 3 | NEW HIGH/LOW DRINKING FOUNTAIN WITH BOTTLE FILLER - SEE PLUMBING |
| 4 | WALLS N.T.C. |
| 5 | MOVABLE GLASS WALL SYSTEM |
| 6 | NEW STRUCTURAL COLUMN - SEE STRUCTURAL |
| 7 | ROLL-UP FIRE DOOR |
| 8 | SIGNAGE BY OWNER - SEE ELECTRICAL FOR CONNECTIONS PROVIDED |
| 9 | EXTENTS OF NEW CONCRETE SLAB |
| 10 | REPLACED SALVAGED PRECAST PANEL |
| 11 | LINE OF NEW FOUNDATION BELOW - SEE STRUCTURAL |
| 12 | TV HUNG FROM CEILING MOUNTED BRACKET |
| 13 | PATCH FLOOR WITH TERRAZZO TILE TO MATCH EXISTING |
| 14 | PATCH FLOOR CARPET TILE - SEE ID SHEETS |
| 15 | SYSTEM FURNITURE - BY OWNER |
| 16 | NEW HOSE BIB - SEE PLUMBING |
| 17 | NEW SINK - SEE PLUMBING |
| 18 | REPLACEMENT OF SALVAGED PAVERS BY WINONA NURSERY - INCLUDE IN CONTRACT |
| 19 | SECURITY GATES - REINSTALL - ADJUST PLACEMENT WITHIN NEW SPACE |
| 20 | ADD FURRING OF METAL STUDS AND 5/8" GYP AS REQUIRED FOR NEW CASEWORK |

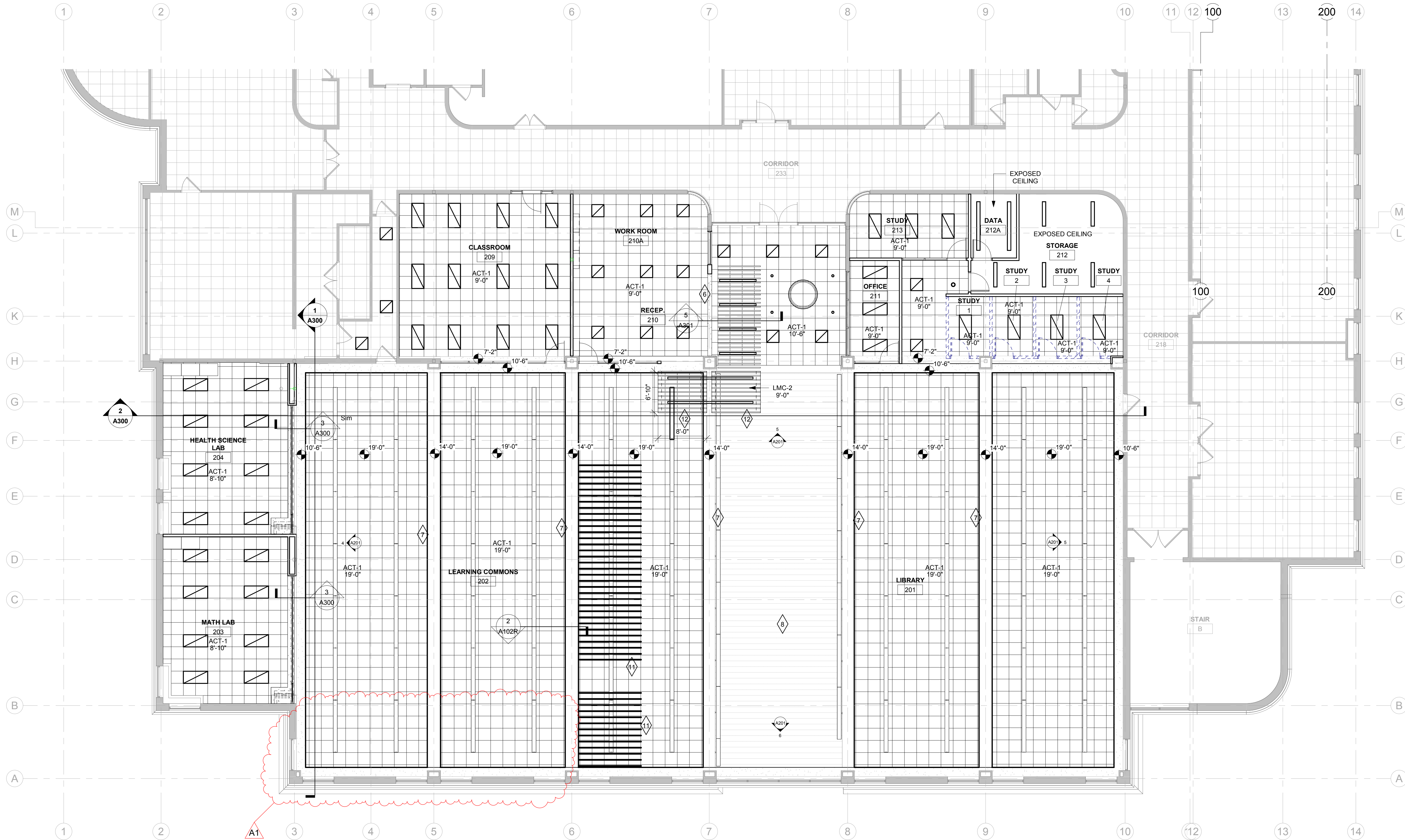
KEY NOTES APPLY TO BOTH
ARC AND VETERANS CENTER



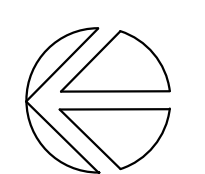
4 FIRST FLOOR CEILING REMODELED PLAN
1/8" = 1'-0"

| KEY NOTES RCP | |
|---------------|--|
| 1 | NEW GYP CEILING TO MATCH ADJACENT HEIGHT AND TEXTURE |
| 2 | ACT CEILING CONTINUES ABOVE CLOUD FEATURES |
| 3 | LIGHT FIXTURE - SEE ELECTRICAL |
| 4 | EXISTING LIGHTWELL |
| 5 | AREA OF REINSTALLED CEILING TILES AND GRID BY G.C. |
| 6 | GYP BD SOFFIT - SEE PLAN FOR DIMENSIONS |
| 7 | ACOUSTICAL METAL WALL PANEL WRAPPED AROUND CEILING BEAMS SEE 2A102 |
| 8 | VAULTED SKYLIGHT |
| 9 | COORDINATE METAL CEILING CLOUD AND LIGHT FIXTURE PLACEMENT |
| 10 | ROLL-UP FIRE DOOR - SEE DOOR SCHEDULE AND SPECIFICATIONS |
| 11 | ACOUSTICAL BAFFLES ACB-1 8" O.C. OVER STUDY ROOMS, TO BE SET ON TOP OF WALL - SEE SPEC |
| 12 | LMC 2 8'-0" x 6'-10" CASSETTES SUPPORTED ON UNISTRUT MOUNTED TO WALL. IF NEEDED ADDITION CABLING FOR UNISTRUT CAN BE USED. |

KEY NOTES APPLY TO BOTH
ARC AND VETERANS CENTER



1 SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



LEGEND:

| | |
|--|---|
| | LIGHT FIXTURE - SEE ELECTRICAL |
| | LIGHT FIXTURE - SEE ELECTRICAL |
| | LIGHT FIXTURE - SEE ELECTRICAL |
| | SUPPLY - SEE MECHANICAL |
| | RETURN - SEE MECHANICAL |
| | EXHAUST - SEE MECHANICAL |
| | SYMBOL INDICATES REFLECTED CEILING PLAN NOTE THIS SHEET |

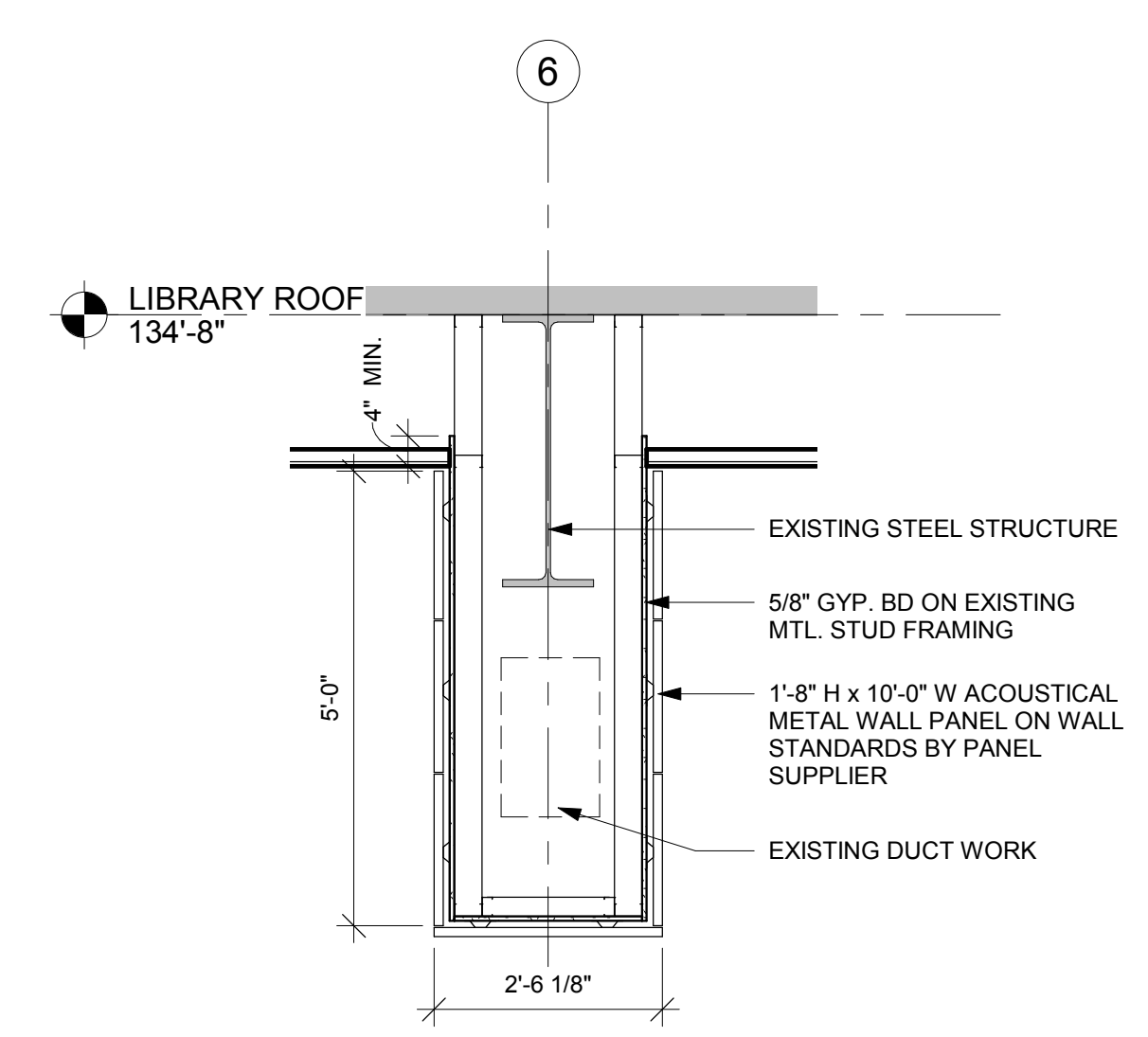
GENERAL NOTES:

| | |
|---|---|
| A | REFER TO MECHANICAL AND PLUMBING CEILING ACCESS PANEL LOCATIONS & SIZES. |
| B | SEE MECHANICAL FOR CEILING GRILLE INFORMATION |
| C | SEE ELECTRICAL FOR LIGHTING TYPES |
| D | ALL INTERIOR PARTITIONS TO EXTEND TO BOTTOM OF DECK UNLESS OTHERWISE NOTED. CLOSE DECK FLUTES AT TOP OF WALL WITH NEOPRENE FILLER OR FIRESTOPPING SYSTEM. IN GYPSTUD PARTITIONS SEE SPECIFICATION FOR LEVEL OF FINISH ABOVE FINISHED CEILING |
| E | ALL REMAINING ANNULAR SPACE AROUND ITEMS PENETRATING WALLS SHALL BE NEATLY SEALED. PENETRATIONS OF FIRE RATED WALLS SHALL BE FIRESTOPPED WITH THE SAME AS THE WALL. |
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| G | ALL EXTERIOR EXPOSED STEEL LINTELS/HEADERS SHALL BE GALVANIZED, PRIMED AND PAINTED UNLESS NOTED OTHERWISE. |
| H | REFER TO INTERIOR DESIGN SHEETS FOR OTHER FINISHES |
| I | HANGERS AND SUPPORTS: MECHANICAL, PLUMBING, ELECTRICAL AND OTHER CABLING CONTRACTORS SHALL NOT HANG OR SUPPORT THE WORK FROM THE ROOF DECK IN ANY FASHION. CONDUIT RUNS SHALL NOT BE LAID ON ROOF DECK NOR LAID ON THE STRUCTURAL SUPPORT THAT SUPPORTS THE ROOF DECK. NO FASTENERS SHALL PENETRATE ROOF DECK BY ANY TRADE OTHER THAN THE ROOFING CONTRACTOR FOR THE NEW ROOF SYSTEM. |
| J | CONFIRM EXACT LOCATION OF OVERHEAD PROJECTORS AND OTHER CEILING MOUNTED EQUIPMENT WITH OWNER / MANUFACTURER PRIOR TO INSTALLATION. SEE EQUIPMENT PLANS FOR ADDITIONAL EQUIPMENT. |
| K | CEILING TYPES INSTALLED AS NOTED ON PLANS. SEE SPECIFICATIONS FOR ADDITIONAL SYSTEM INFORMATION. ACT-1=REGULAR EDGE, LMC-1 = LINEAR METAL CEILING SYSTEM (2"W x 4"H PROFILE, 8" O.C.), LMC-2 = LINEAR METAL CEILING SYSTEM (2"W x 8"H PROFILE, 8" O.C.) |

KEY NOTES APPLY TO BOTH
ARC AND VETERANS CENTER

KEY NOTES RCP

| | |
|----|---|
| 1 | NEW GYP CEILING TO MATCH ADJACENT HEIGHT AND TEXTURE |
| 2 | ACT CEILING CONTINUES ABOVE CLOUD FEATURES |
| 3 | LIGHT FIXTURE - SEE ELECTRICAL |
| 4 | EXISTING LIGHTWELL |
| 5 | AREA OF REINSTALLED CEILING TILES AND GRID BY G.C. |
| 6 | GYP. BD SOFFIT - SEE PLAN FOR DIMENSIONS |
| 7 | ACOUSTICAL METAL WALL PANEL WRAPPED AROUND CEILING BEAMS SEE 2A102 |
| 8 | VAULTED SKYLIGHT |
| 9 | COORDINATE METAL CEILING CLOUD AND LIGHT FIXTURE PLACEMENT |
| 10 | ROLL UP FIRE DOOR - SEE DOOR SCHEDULE AND SPECIFICATIONS |
| 11 | ACOUSTICAL BAFFLES ACB-1 8" O.C. OVER STUDY ROOMS, TO BE SET ON TOP OF WALL - SEE SPEC. |
| 12 | LMC-2 8" O.P. 6" O.C. CASSETTES SUPPORTED ON UNISTRUT MOUNTED TO WALL. IF NEEDED ADDITION CABLING FOR UNISTRUT CAN BE USED. |



2 BEAM DETAIL
1/2" = 1'-0"

**ARCHITECTURE
ENGINEERING
INTERIOR DESIGN**

HSR ASSOCIATES INC.
100 MILWAUKEE STREET
LA CROSSE, WISCONSIN
PHONE: 608.784.1830
FAX: 608.782.5844
WEB SITE: www.hsrassociates.com
Consultant:

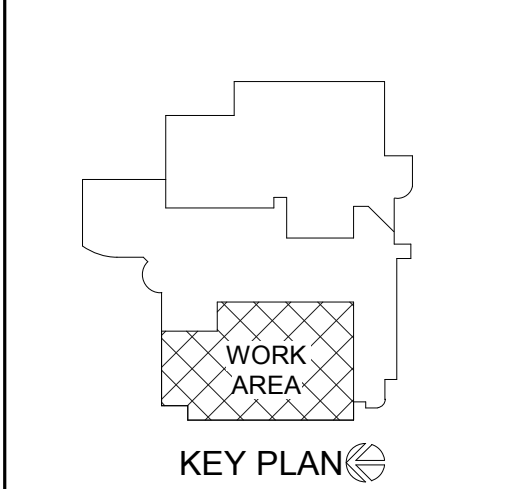
**WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING &
VETERANS CENTER ADDITION**

Project Title:
Project Number:
Project Date:
Drawn By:
Key Plan:

WESTERN TECHNICAL COLLEGE
400 N. 7th STREET
LA CROSSE, WI 54601
LIBRARY RCP PLAN

Project Location:
Sheet Title:

| | |
|---------------------|-----------|
| HSR Project Number: | 17026 |
| Project Date: | 3/14/2018 |
| Drawn By: | M.MALAND |
| Key Plan: | |



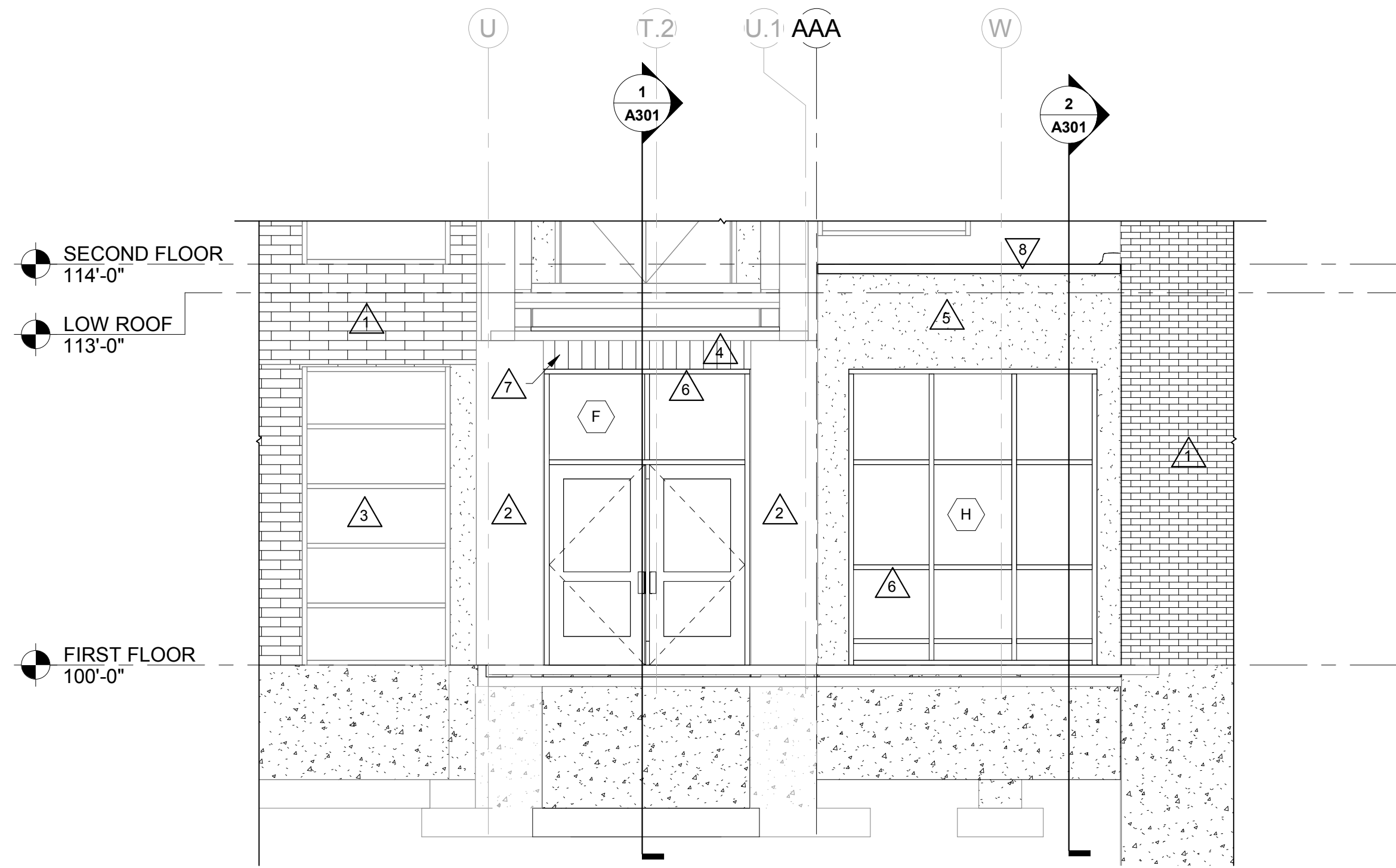
Revisions:

| No. | Description | Date |
|-----|-------------|---------|
| A1 | ADDENDUM #1 | 3-23-18 |
| | | |
| | | |
| | | |

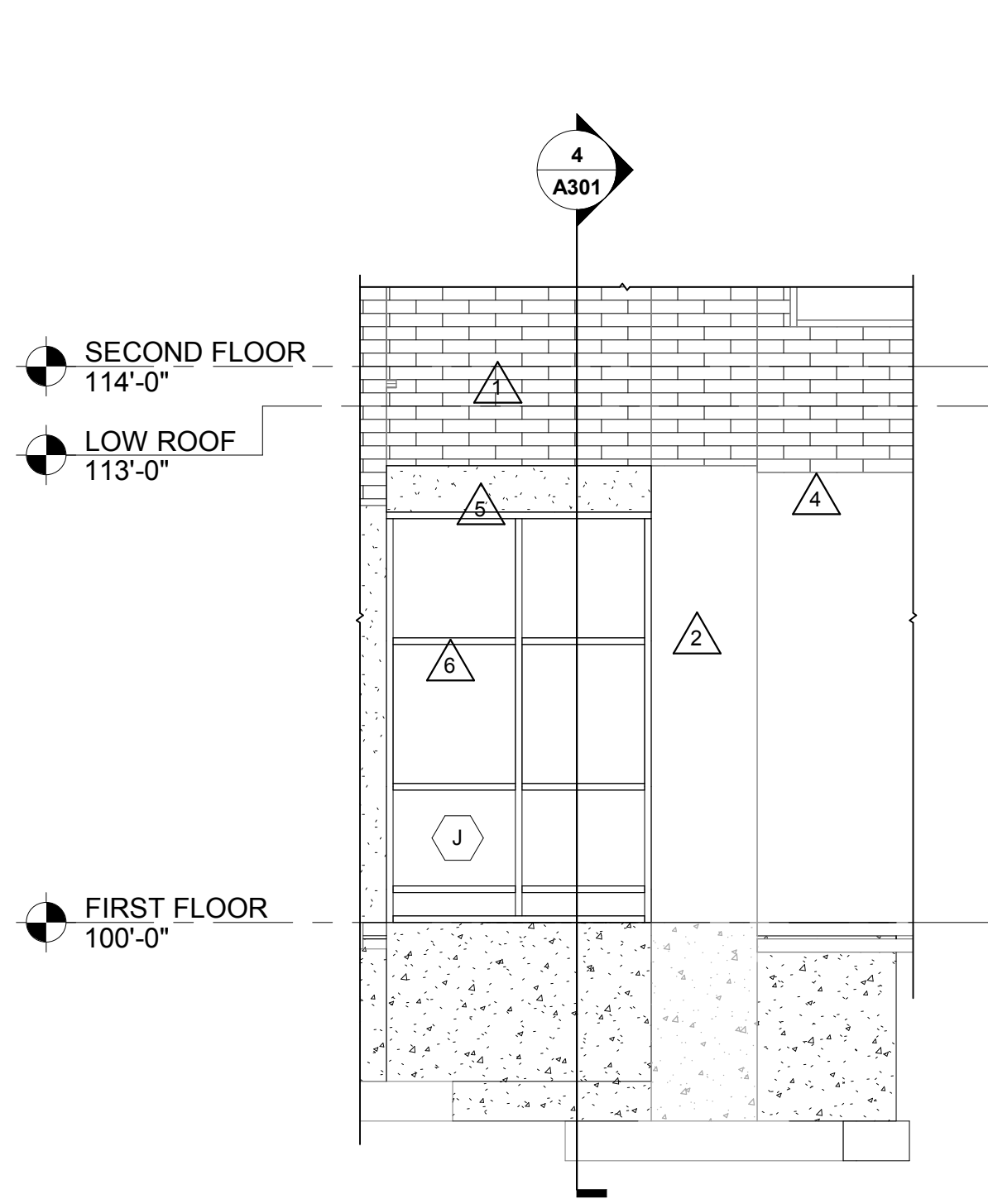
Graphic Scale:
VARIES

Last Update:
3/22/2018 2:37:25 PM

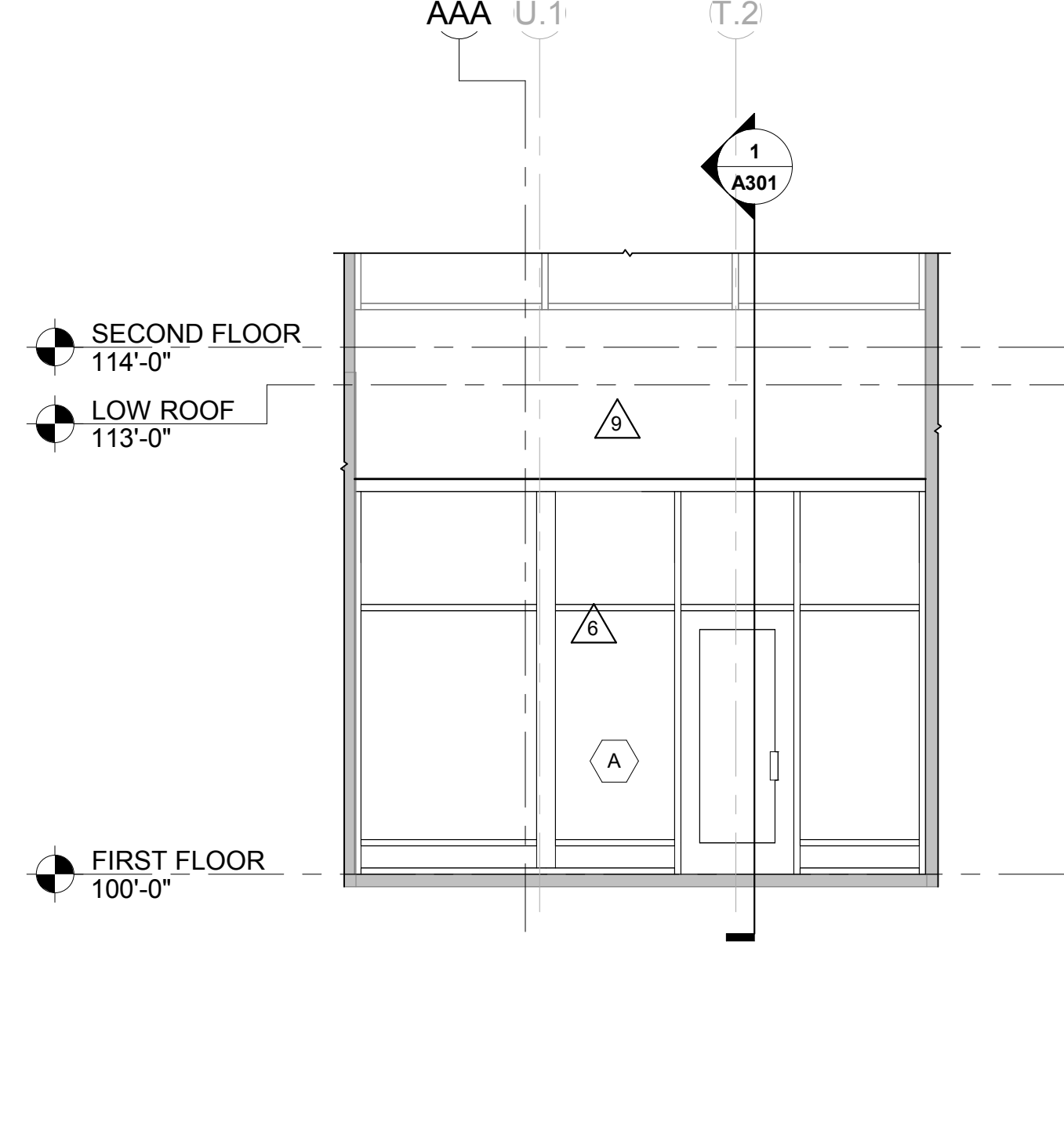
A102R



1 SOUTH ELEVATION - VET CENTER
1/4" = 1'-0"

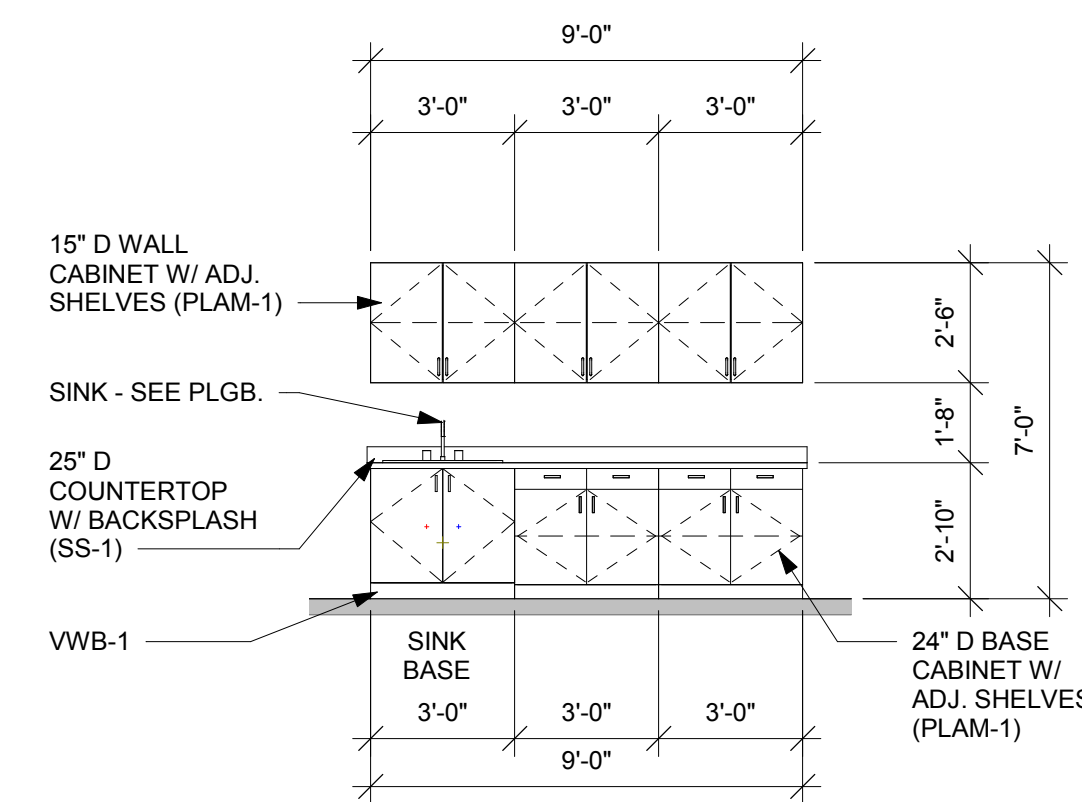


2 WEST ELEVATION - VET CENTER
1/4" = 1'-0"

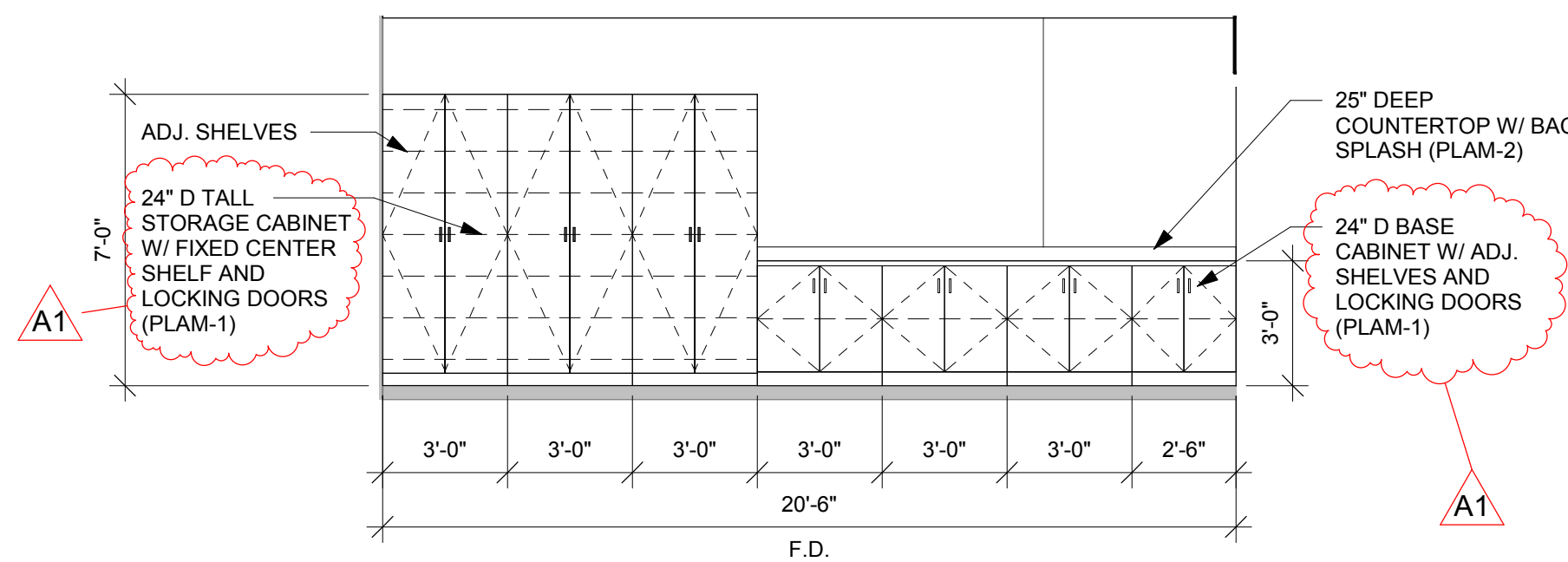


3 NORTH ELEVATION - VET CENTER
1/4" = 1'-0"

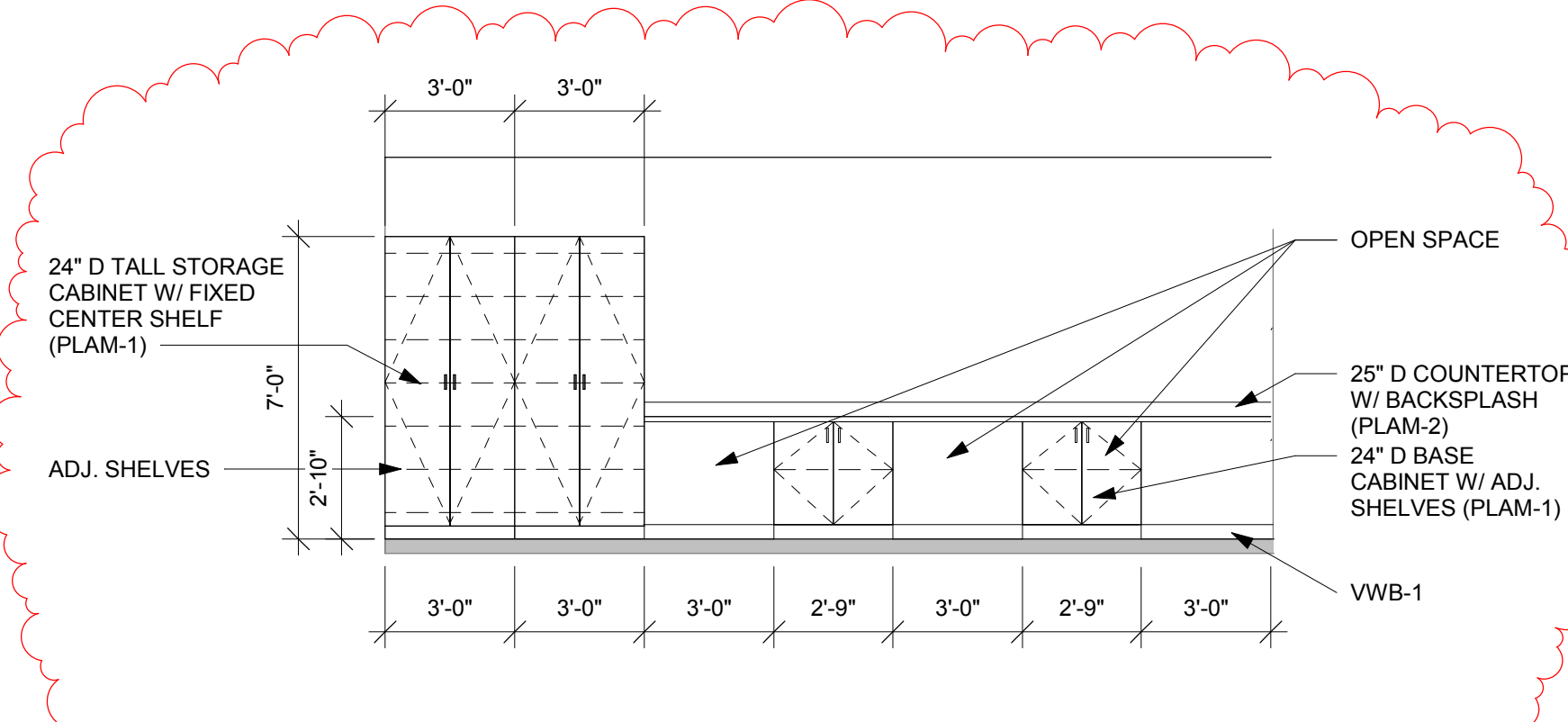
| GENERAL NOTES: | |
|---------------------|--|
| A | SEE DETAILS A510 FOR CONTROL JOINT (CJ) AND BRICK CONTROL JOINT (BCJ) INFORMATION. |
| B | SEE SPECIFICATION FOR MATERIAL TYPE. |
| LEGEND: | |
| △ | KEYNOTE TAG |
| ○ | WINDOW TAG, SEE SHEET A600 FOR FRAME ELEVATIONS |
| KEY NOTES ELEVATION | |
| 1 | EXISTING BRICK WALL |
| 2 | EXISTING COLUMNS FROM LINK ABOVE |
| 3 | EXISTING WINDOW |
| 4 | EXISTING SKYWALK TO IT BUILDING |
| 5 | NEW PRECAST WALL PANEL |
| 6 | ALUM THERMALLY BROKEN STOREFRONT UNIT - SEE ELEV. A201 |
| 7 | METAL PANEL BETWEEN ALUM FRAME AND UNDERSIDE OF SKYWALK - SEE DETAIL XXX |
| 8 | METAL WALL CAP - SEE DETAIL 6A120 |
| 9 | EXISTING LINK BETWEEN ARC AND BE BUILDINGS |



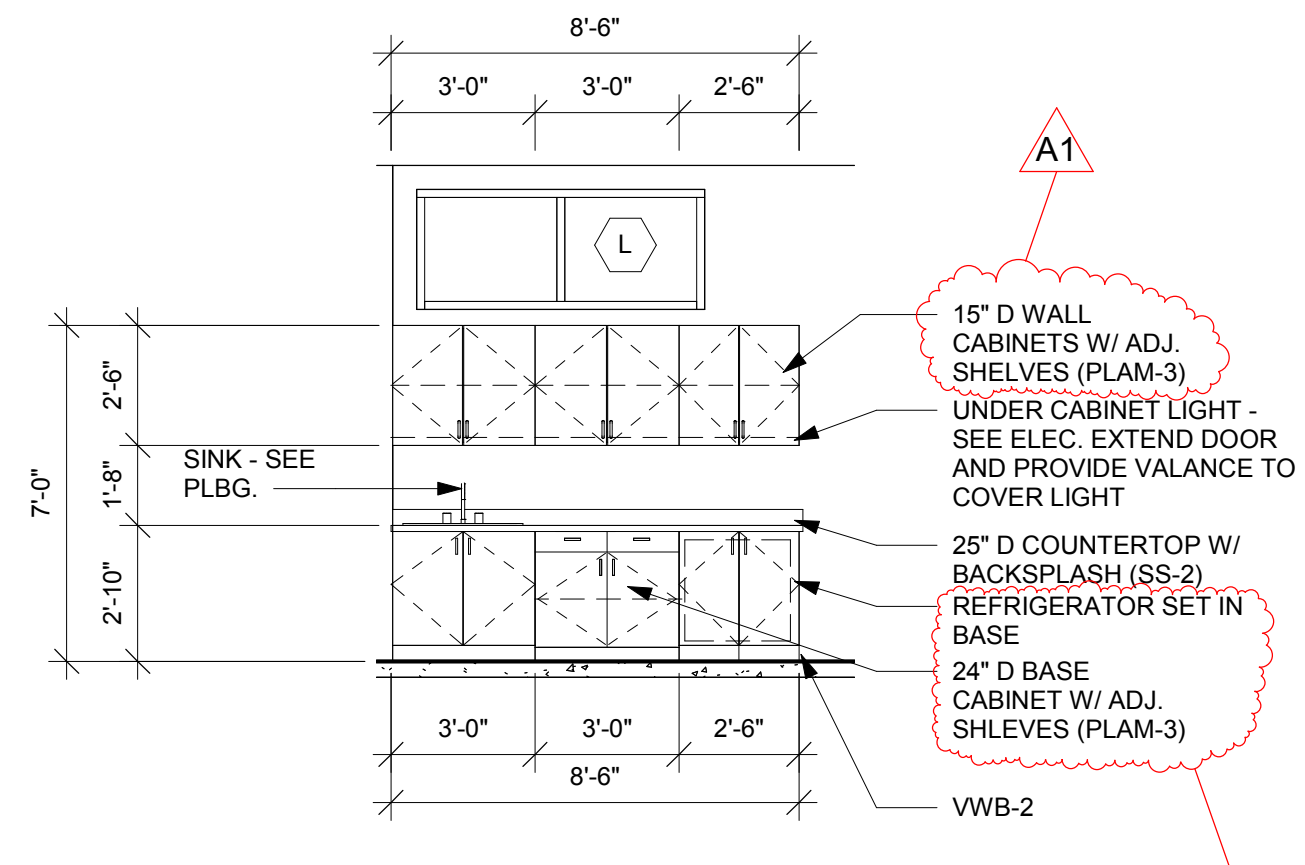
4 CW RM 210A
1/4" = 1'-0"



5 CW RM 204
1/4" = 1'-0"

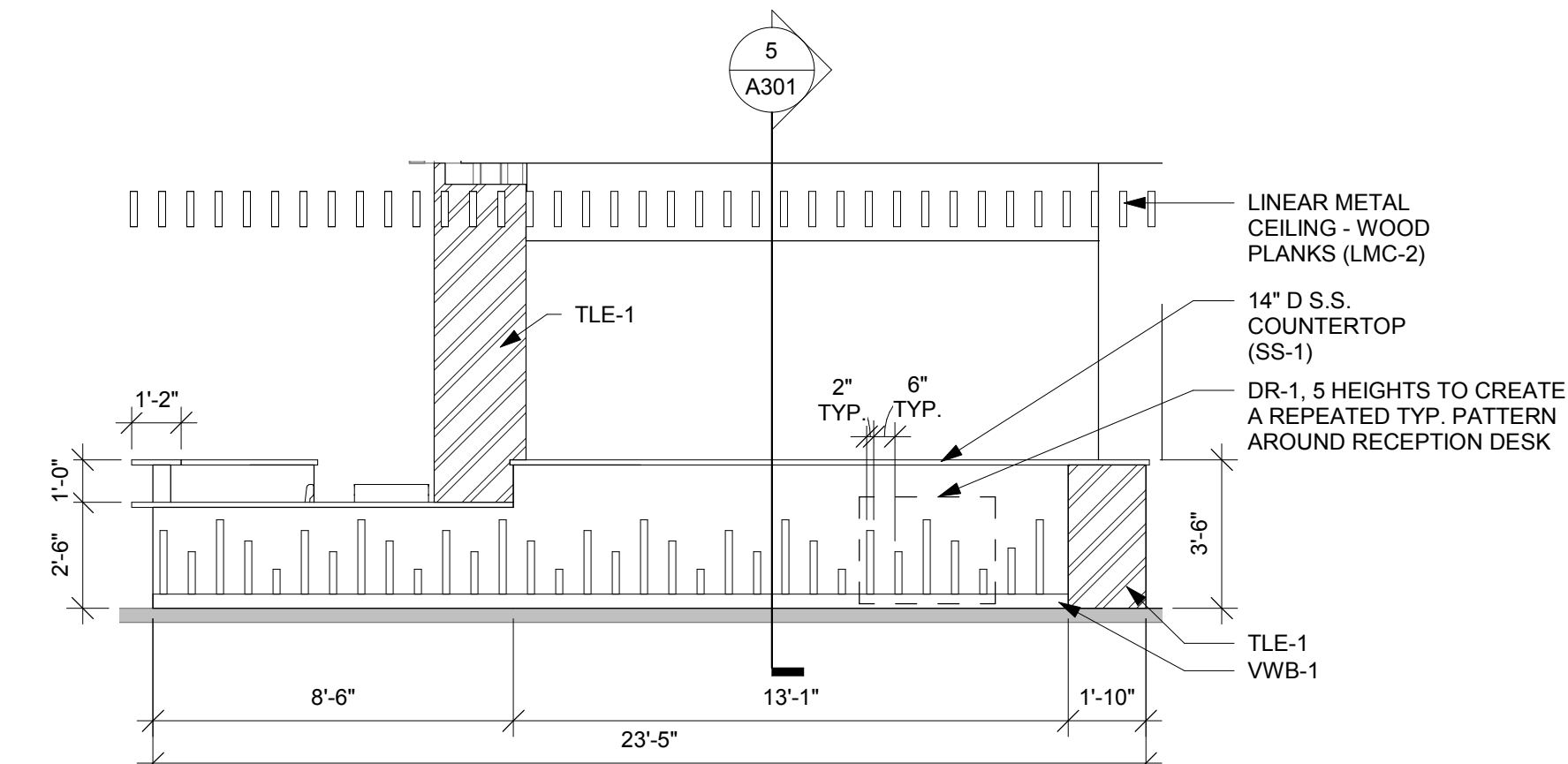


6 CW RM 203
1/4" = 1'-0"

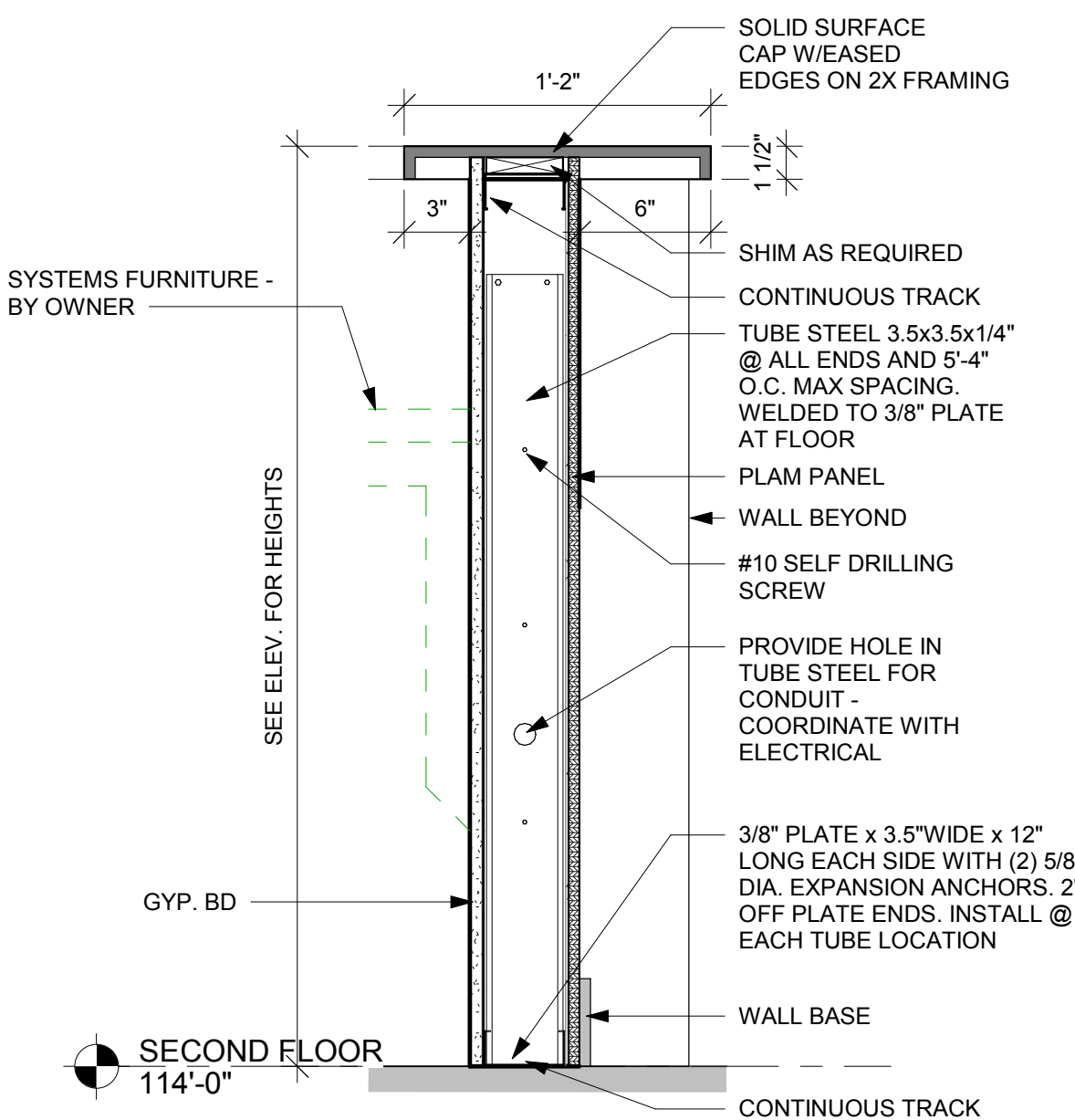


7 CW RM 123
1/4" = 1'-0"

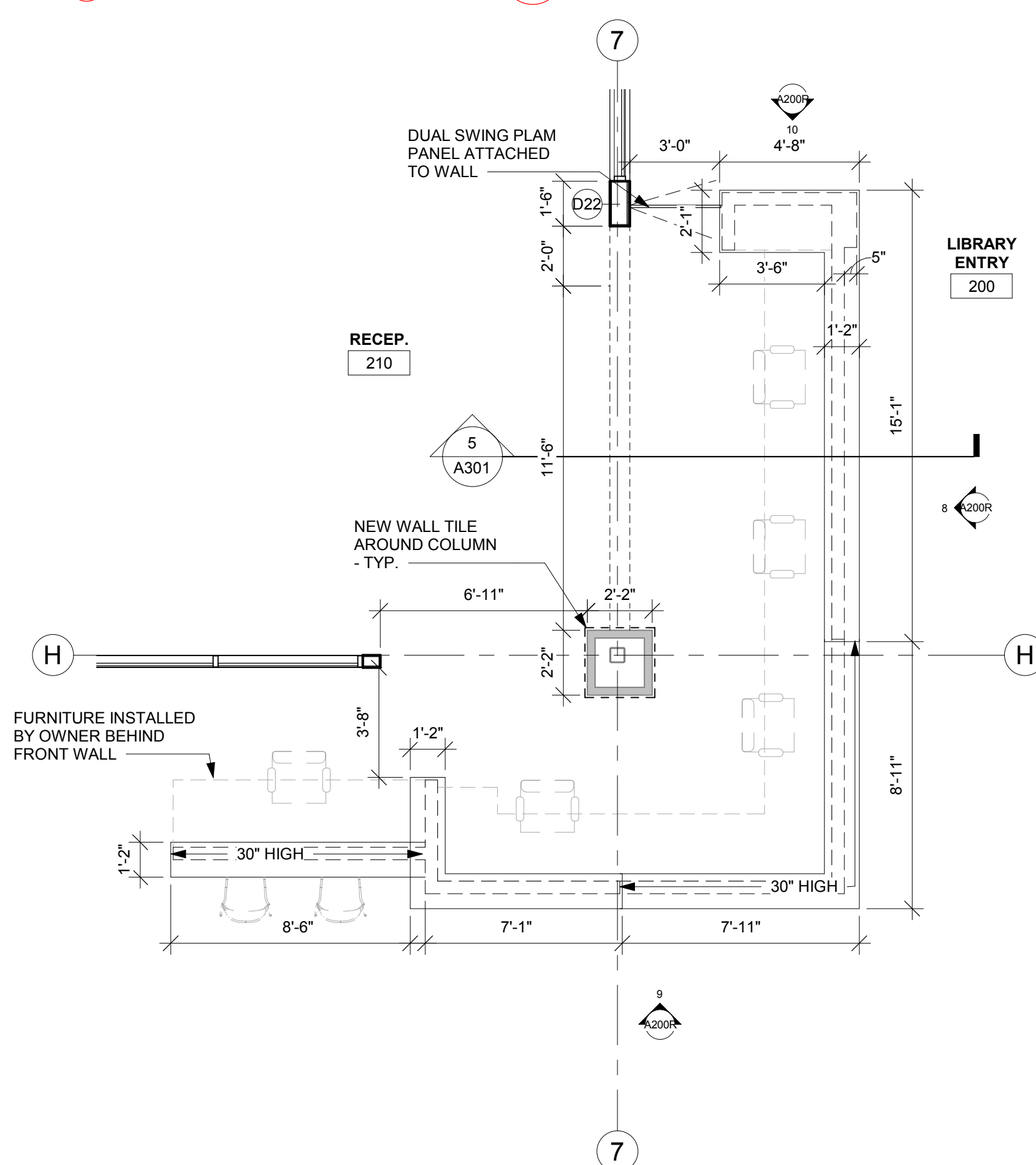
| CASEWORK GENERAL NOTES: | |
|-------------------------|---|
| A | WHERE LOCKS ARE CALLED OUT ALL TO BE KEYPED ALIKE |
| B | PROVIDE FINISHED END PANELS AT ALL KNEE SPACES, ALCOVES AND EXPOSED CABINET ENDS. |
| C | CASEWORK MANUFACTURER TO FIELD VERIFY ALL CASEWORK DIMENSIONS & CONDITIONS PRIOR TO FABRICATIONS OF CASEWORK. |
| D | INSTALL 1-1/2" WOOD BLOKING BETWEEN STUDS FOR CASEWORK MOUNTING AT TOP AND BOTTOM OF ALL WALL CABINETS AND AT THE TOP OF ALL BASE CABINETS. |
| E | ALL BASE CABINET KICKS, ALCOVES, KNEE SPACES AND END PANELS TO RECEIVE BASE UNLESS OTHERWISE NOTED. SEE MASTER COLOR SCHEDULE FOR SIZES AND COLOR |
| F | SEAL EDGE OF COUNTERTOP BACKSPASH TO ALL WALL LOCATIONS W/ CLEAR SEALANT. |
| G | REFER TO MASTER COLOR SCHEDULE ON ID600 FOR PLASTIC LAMINATE SELECTIONS. |
| H | WALL CABINETS SHALL BE 15" DEEP UNLESS NOTED OTHERWISE. COUNTERTOPS TO EXTEND 1" BEYOND THE FINISHED EDGE OF THE BASE CABINET UNLESS NOTED OTHERWISE. |
| J | LAMINATE GRAIN TO ALIGN VERTICALLY ON ALL CASEWORK |



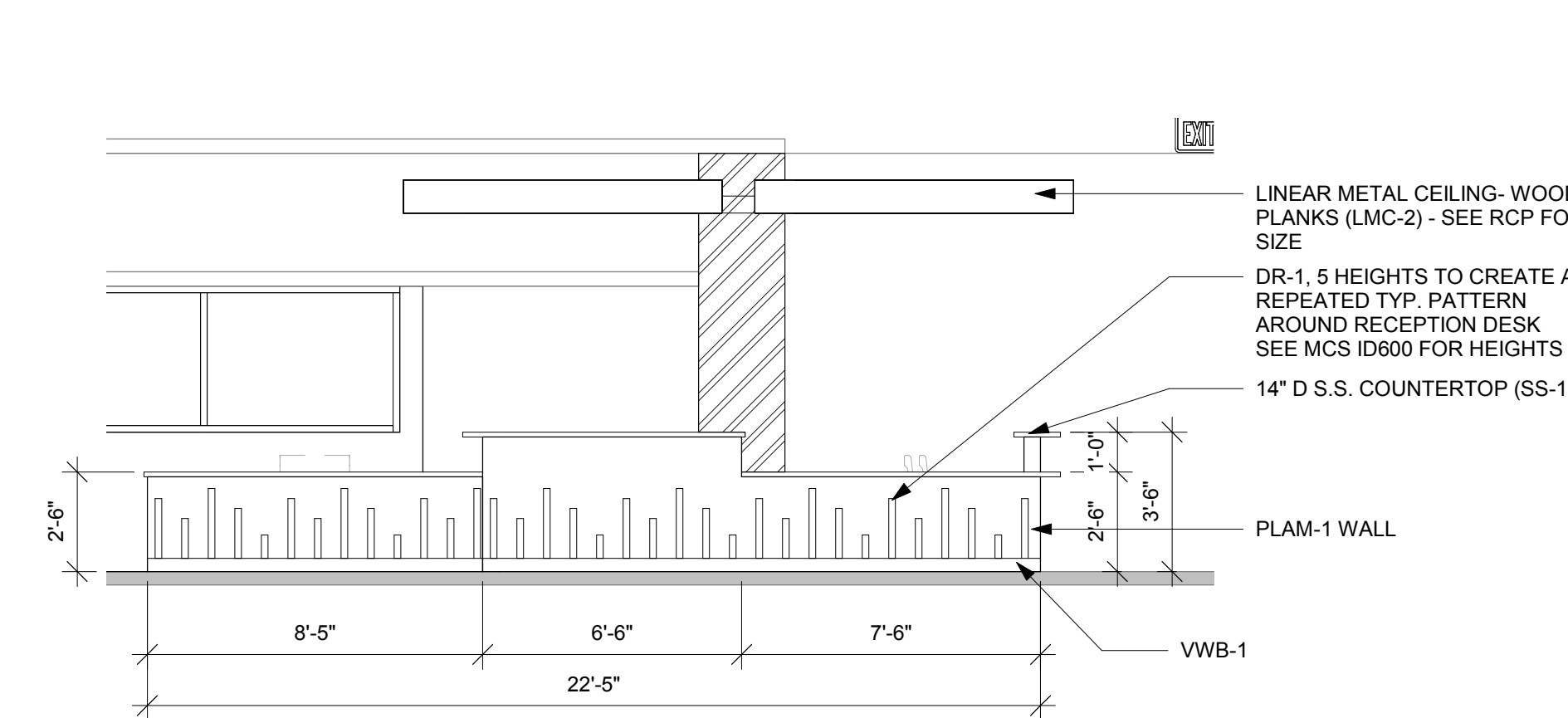
8 CIRCUL. DESK ELEV.
1/4" = 1'-0"



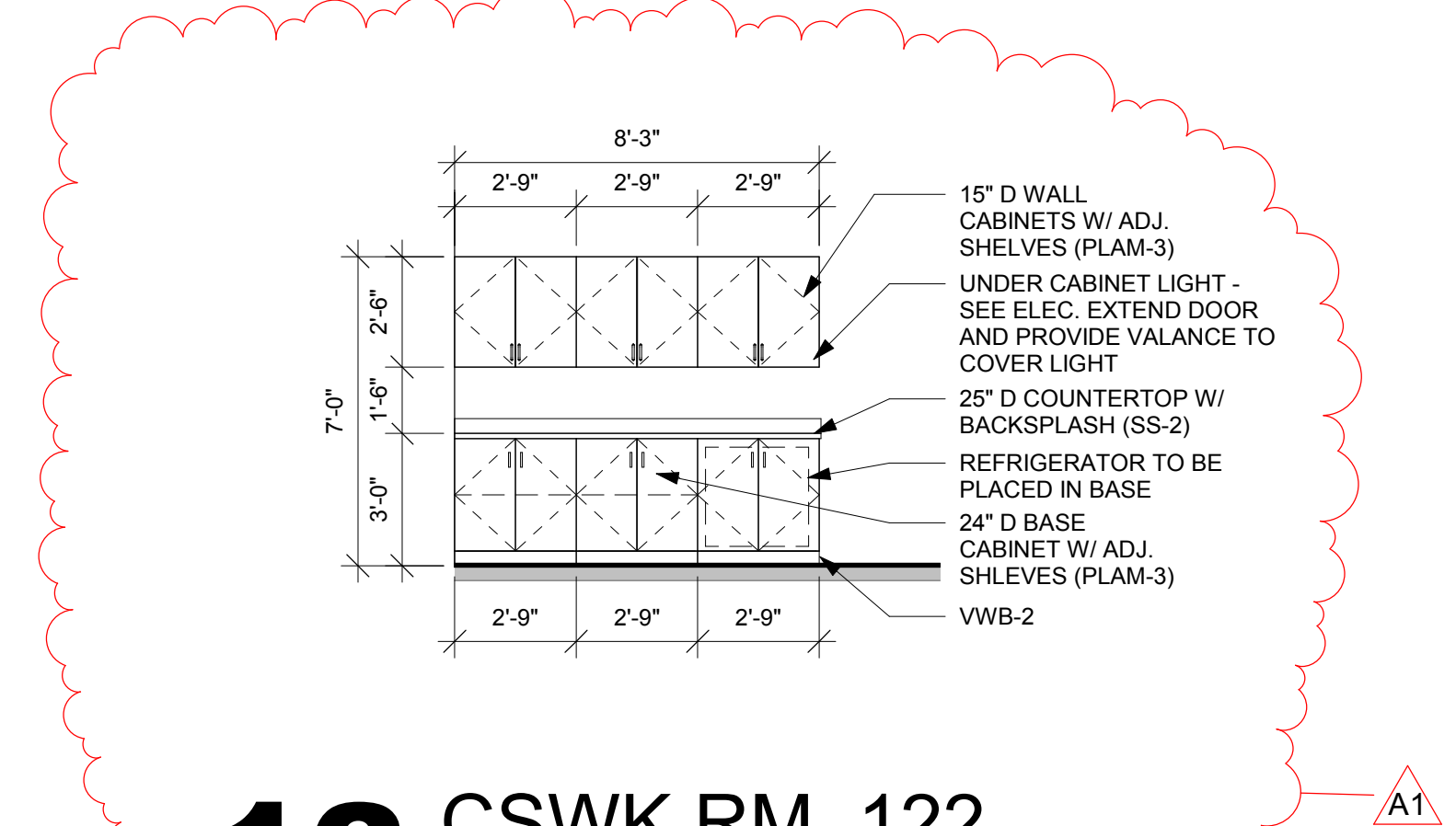
11 WALL DETAIL
1 1/2" = 1'-0"



12 CIRCULATION DESK PLAN
1/4" = 1'-0"



9 CIRCUL. DESK ELEV.
1/4" = 1'-0"



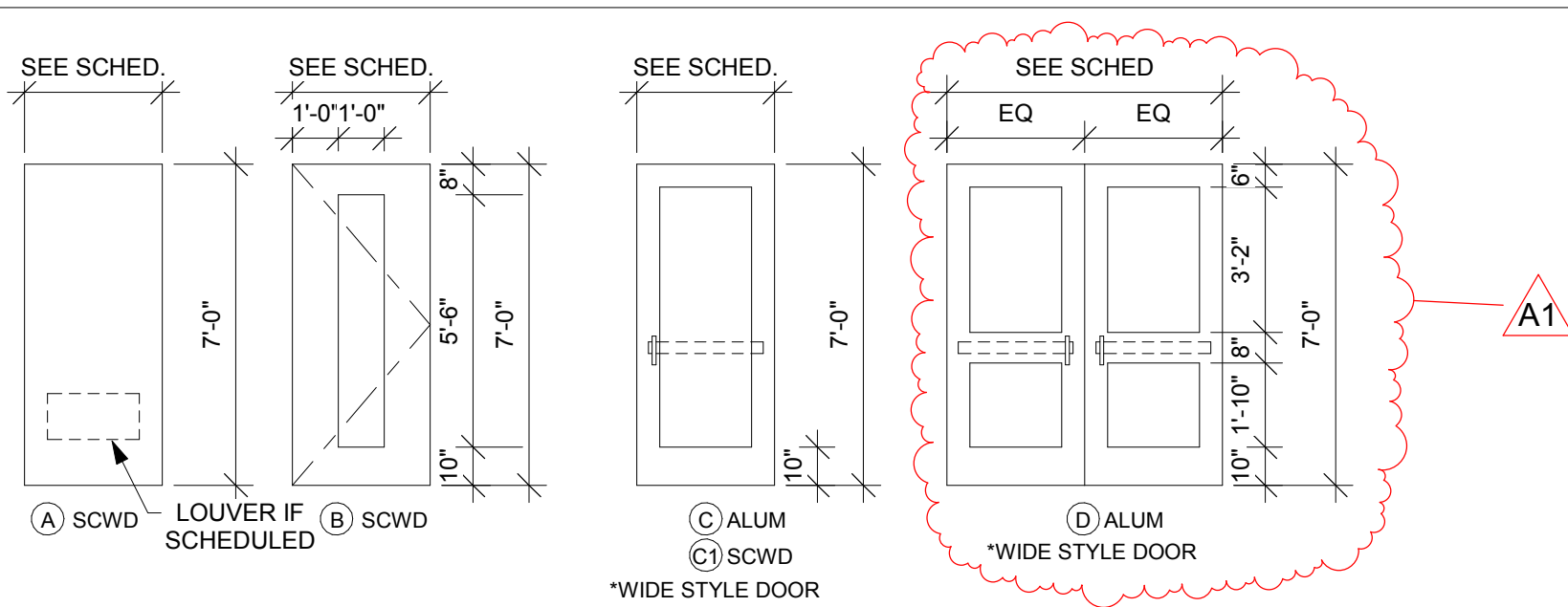
13 CSWK RM. 122
1/4" = 1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | | | | |
|---------------|--------|-------|--------|-------|------|------------|-----------------|-------|--------|--------|---------|-----------|------------|---------|---------|------|
| DOOR NO. | DOOR | | | | | | FRAME | | | | | | FIRE LABEL | SIGNAGE | REMARKS | |
| | SIZE | | | MAT'L | TYPE | GLASS TYPE | U-CUT OR LOUVER | MAT'L | ELEV | DEPTH | DETAILS | | | | | |
| | W | H | T | | | | | | | | HEAD | JAMB | | | | SILL |
| 122 | 3'-4" | 7'-0" | 1 3/4" | SOWD | C1 | GLT-4 | - | ALUM | 4A601 | 6" | - | - | - | | | |
| 122A | 3'-4" | 7'-0" | 1 3/4" | SOWD | B | GLT-4 | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 122B | 3'-4" | 7'-0" | 1 3/4" | SOWD | B | GLT-4 | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 122C | 3'-4" | 7'-0" | 1 3/4" | SOWD | B | GLT-4 | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 123 | 3'-4" | 7'-0" | 1 3/4" | SOWD | C1 | GLT-4 | - | ALUM | 3A601 | 4 1/2" | - | - | - | | 1 | |
| 124 | 3'-4" | 7'-0" | 1 3/4" | SOWD | B | GLT-4 | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 125 | 3'-4" | 7'-0" | 1 3/4" | SOWD | A | GLT-4 | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 144 | 3'-0" | 7'-0" | 1 3/4" | ALUM | C | GLT-13 | - | ALUM | 1A601 | 6" | - | 4A500 SIM | 6A500 | | | |
| 145A | 6'-10" | 7'-0" | 1 3/4" | ALUM | D | GLT-13 | - | ALUM | 6A601 | 6" | 7A500 | - | 6A500 SIM | | 1,2,3 | |
| 145B | 6'-10" | 7'-0" | 1 3/4" | ALUM | D | GLT-4 | - | ALUM | 5A601 | 6" | - | 4A500 | - | | 2 | |
| 209A | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | ALUM | 12A601 | 4 1/2" | - | - | - | | 5 | |
| 209B | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | ALUM | 19A601 | 4 1/2" | - | - | - | | 5 | |
| 210 | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | ALUM | 13A601 | 4 1/2" | - | - | - | | 5 | |
| 211 | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | ALUM | 16A601 | 4 1/2" | - | - | - | | 5 | |
| 212 | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 212A | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | HM | AA | 5 3/4" | - | - | - | | 5 | |
| 213 | 3'-0" | 7'-0" | 1 3/4" | SOWD | A | - | - | ALUM | 17A601 | 4 1/2" | - | - | - | | 5 | |
| A01 | 6'-10" | 7'-0" | 1 3/4" | ALUM | D | GLT-18 | - | ALUM | 18A601 | 6" | - | - | - | 60 MIN | | |
| A01A | 4'-6" | 6'-6" | 2" | - | - | - | - | - | - | - | - | 11A500 | - | 60 MIN | 4 | |

DOOR SCHEDULE GENERAL NOTES

- HM = HOLLOW METAL ALUM = ALUMINUM SCWD = SOLID CORE WOOD DOOR
- A. SEE SPECIFICATIONS FOR DOOR HARDWARE GROUPS
- B. ALL HM (HOLLOW METAL) DOORS AND FRAMES SHALL BE PAINTED
- C. ALL DOUBLE DOORS TO HAVE TWO EQUAL LEAFS UNLESS NOTED OTHERWISE

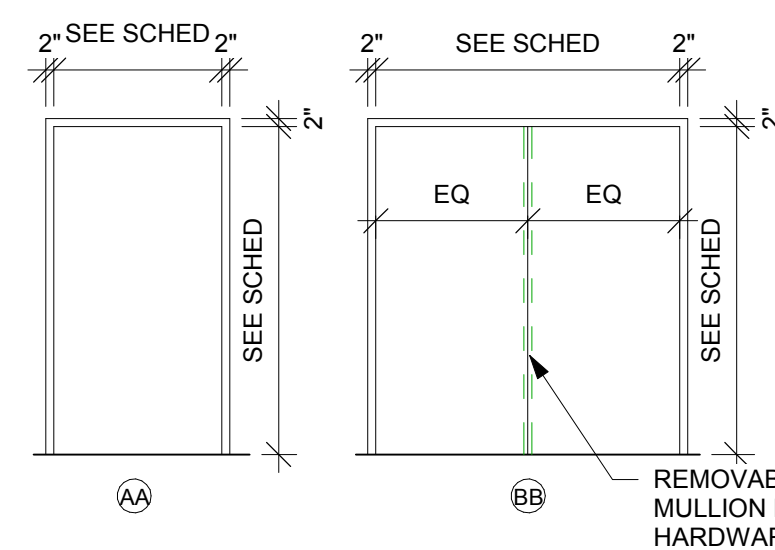
DOOR TYPES



DOOR FRAME GENERAL NOTES

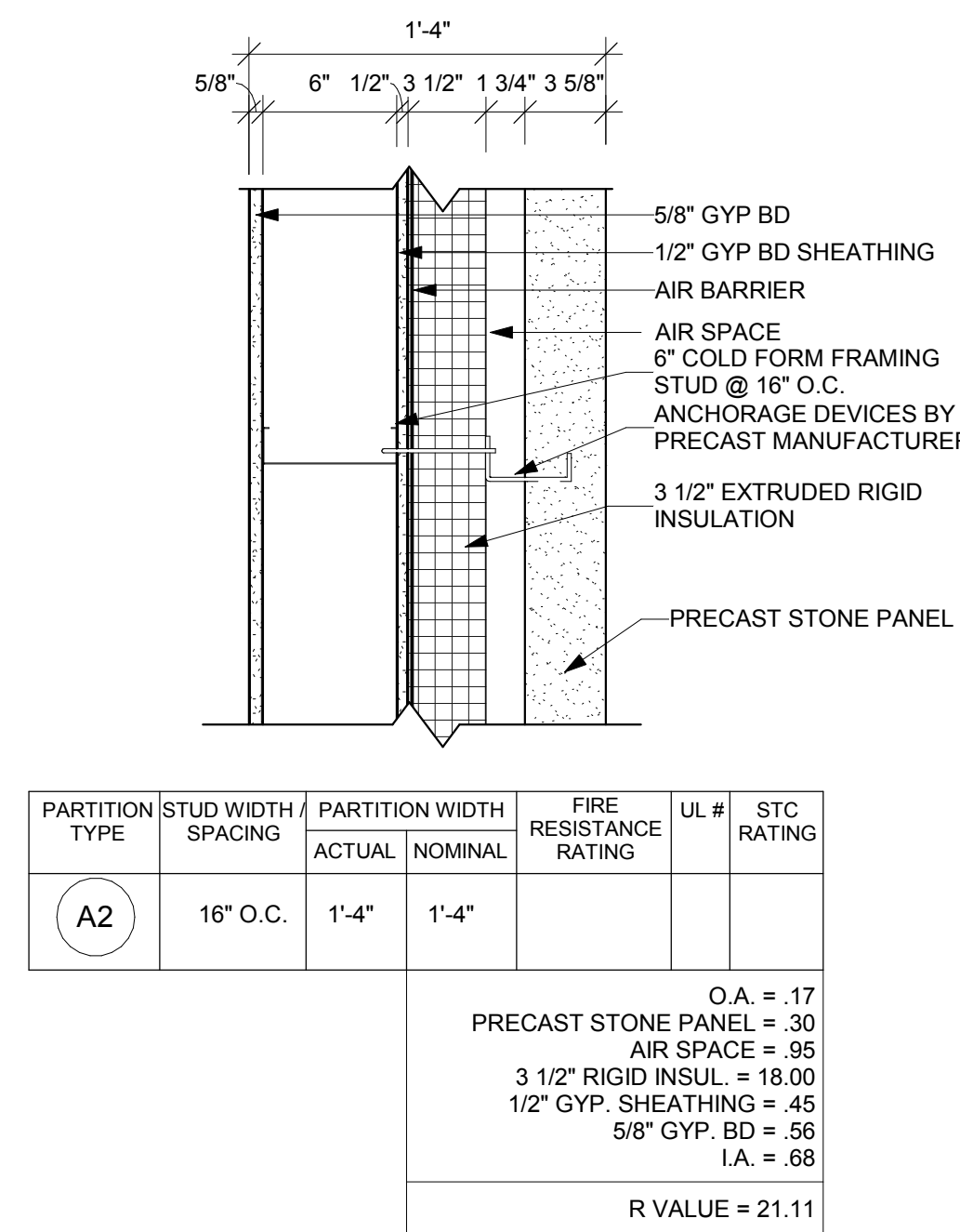
- HM = HOLLOW METAL ALUM = ALUMINUM
- A. SEE SHEET A600 FOR ADDITIONAL FRAME TYPES
- B. ALL HM (HOLLOW METAL) FRAMES SHALL BE PAINTED.

DOOR FRAME TYPES



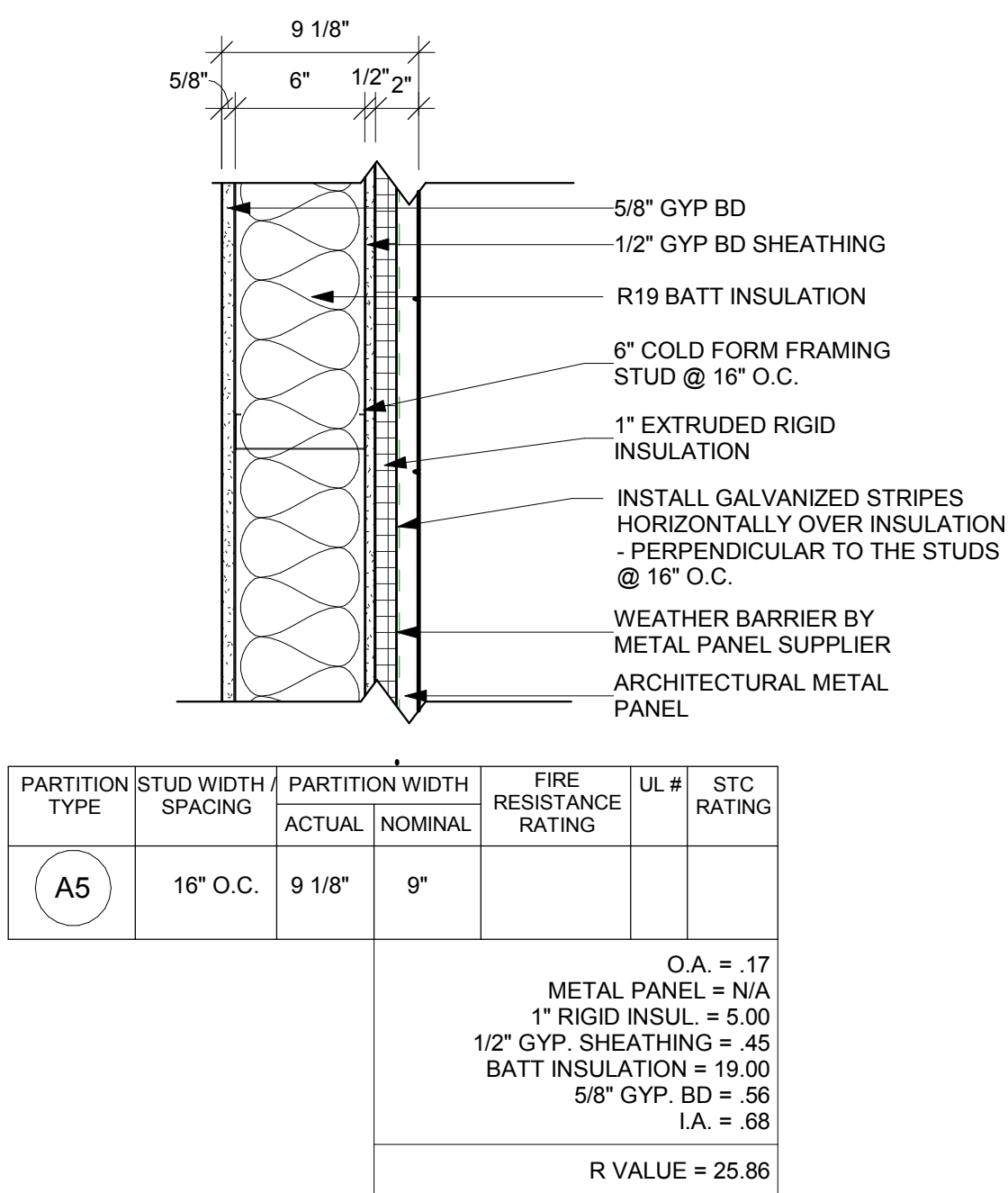
DOOR SCHEDULE REMARKS

- ELECTRONIC CARD ACCESS AND ELECTRONIC STRIKE REQUIRED.
- AUTO-OPERATORS ON RIGHT HAND LEAF
- 2 EQUAL LEAFS @ 3'-5" W/ REMOVEABLE MULLIONS (BB FRAME ELEV.)
- ROLL-UP FIRE DOOR - SEE SPECIFICATIONS
- USE STANDARD MLT. STUD FRAMING METHODS AT OPENING



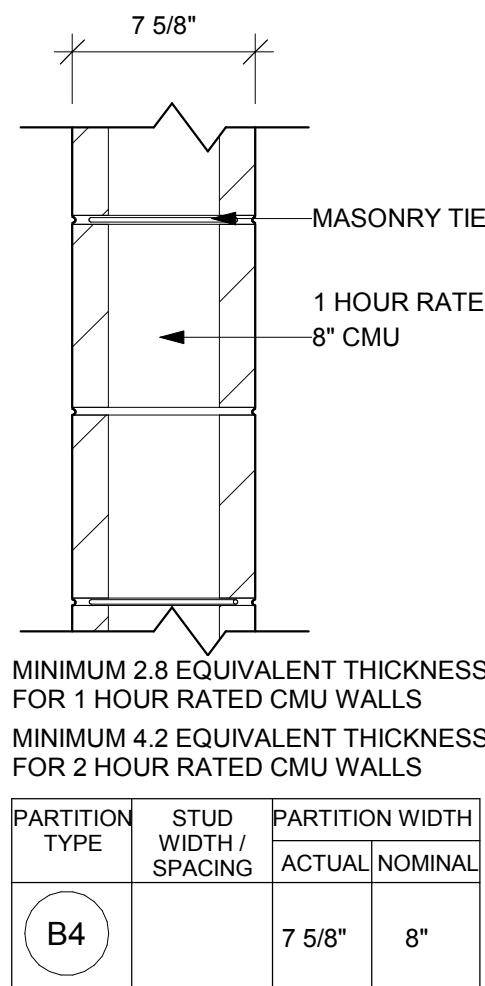
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| A2 | 16" O.C. | 1'-4" | 1'-4" | | | |

O.A. = 17
PRECAST STONE PANEL = 30
AIR SPACE = 95
3 1/2" RIGID INSUL. = 18.00
1/2" GYP. SHEATHING = 45
5/8" GYP. BD = 56
I.A. = .68
R VALUE = 21.11

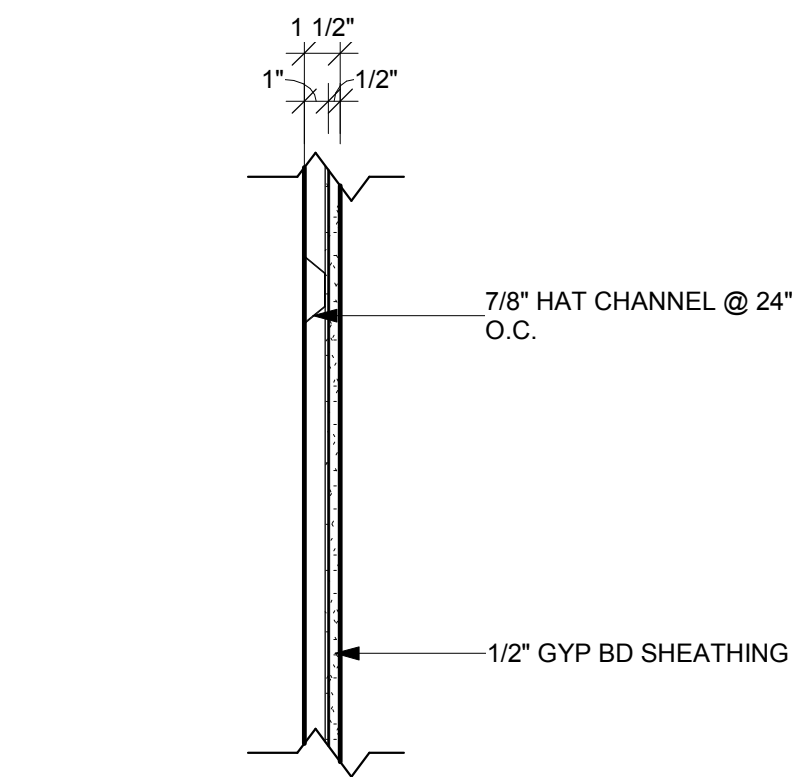


| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| A5 | 16" O.C. | 9 1/8" | 9" | | | |

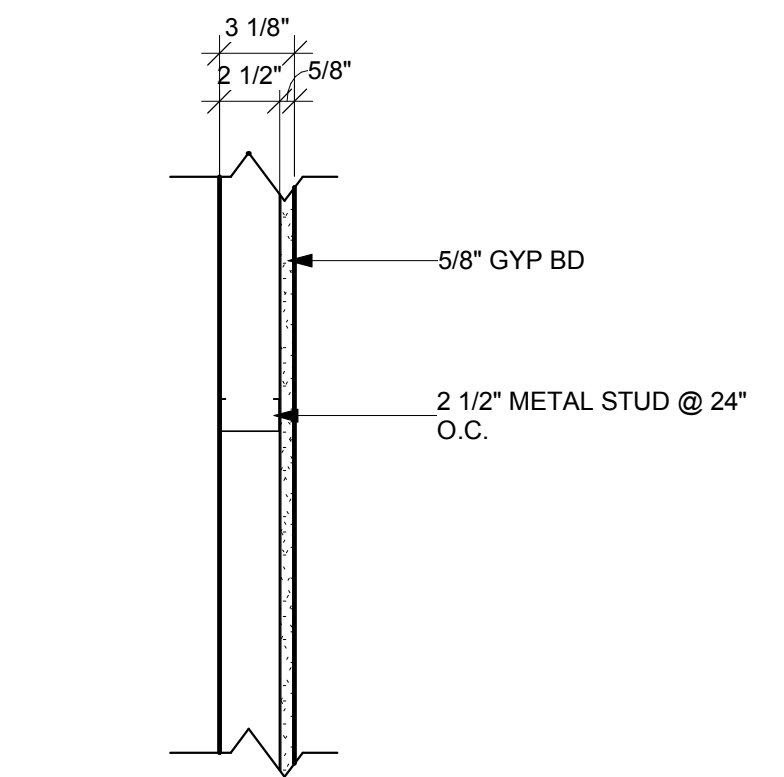
O.A. = 17
METAL PANEL = N/A
1" RIGID INSUL. = 5.00
1/2" GYP. SHEATHING = 45
BATT INSULATION = 19.00
5/8" GYP. BD = 56
I.A. = .68
R VALUE = 25.86



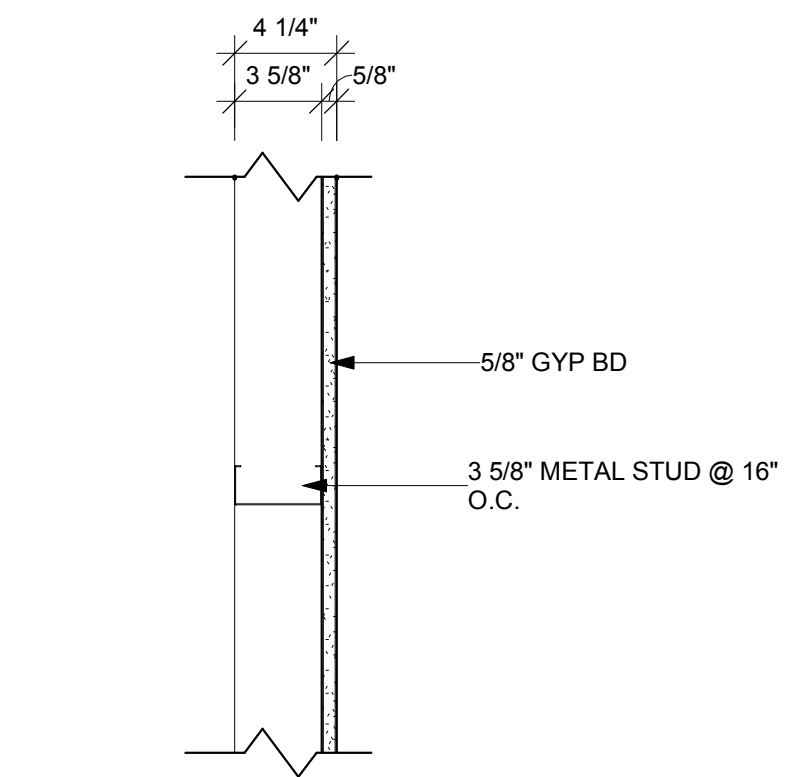
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| B4 | | 7 5/8" | 8" | | | |



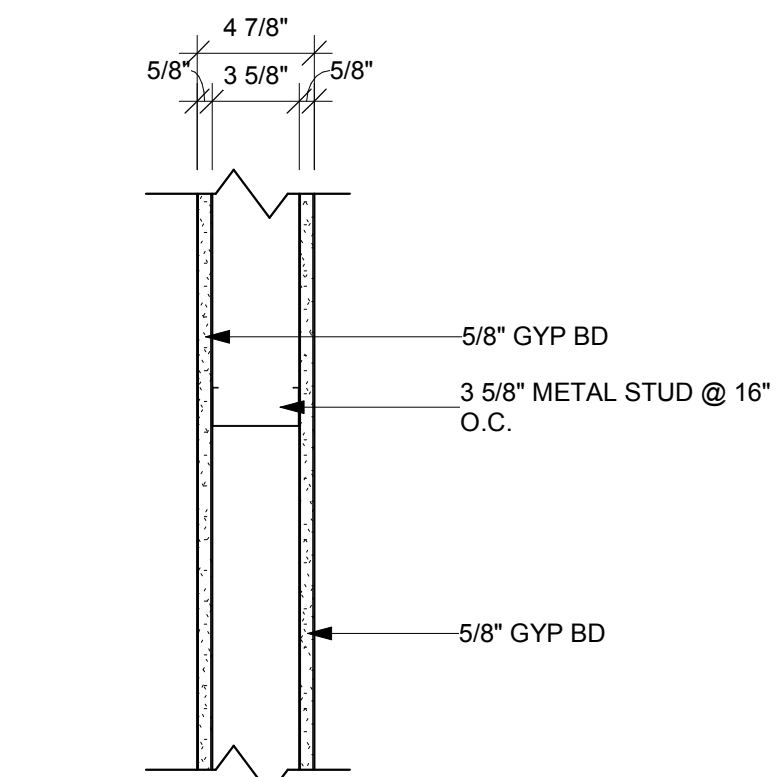
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D1 | 24" O.C. | 1 1/2" | 2" | | | |



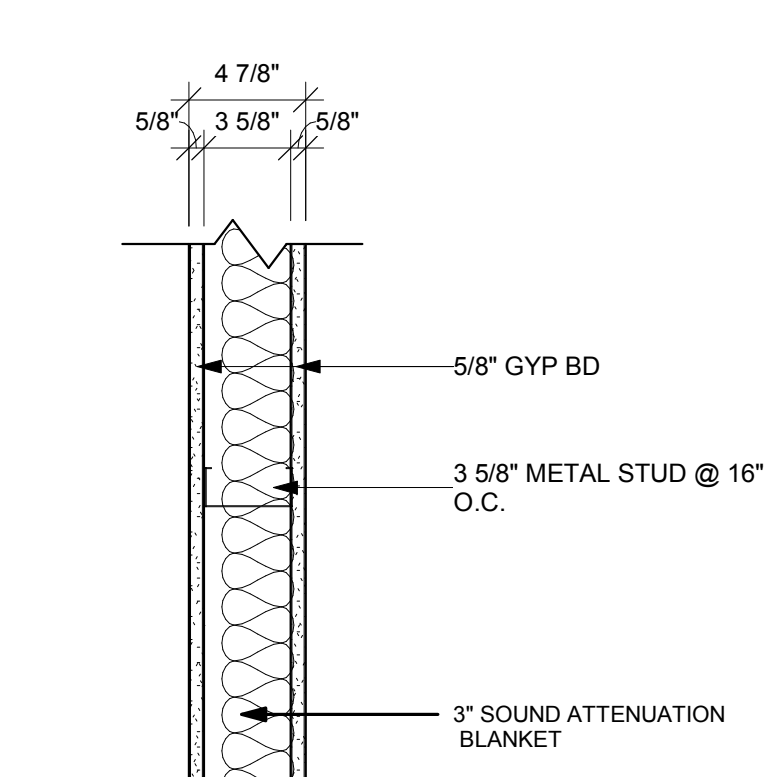
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D4 | 24" O.C. | 3 1/8" | 3" | | | |



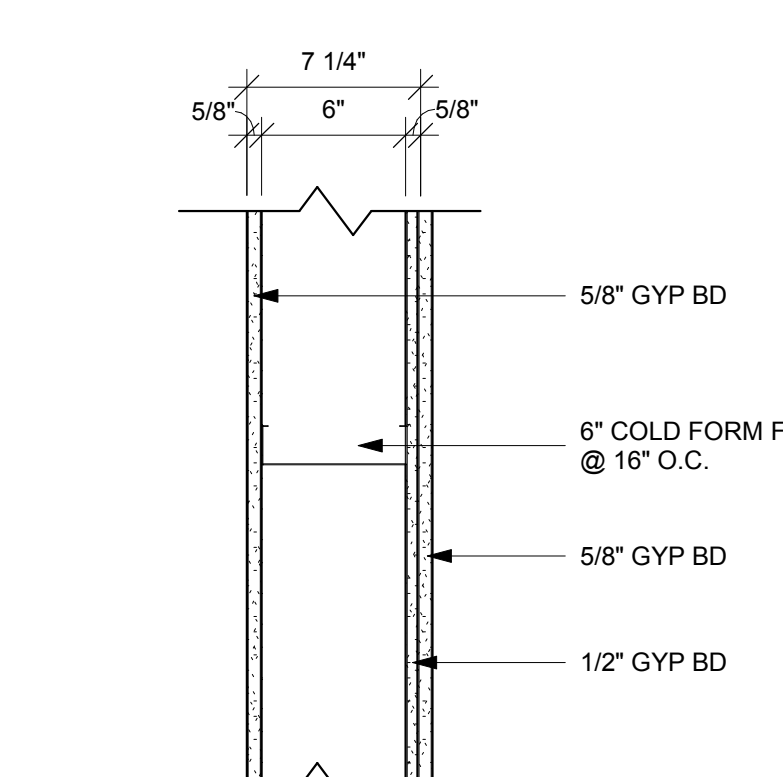
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D6 | 24" O.C. | 4 1/4" | 4" | | | |



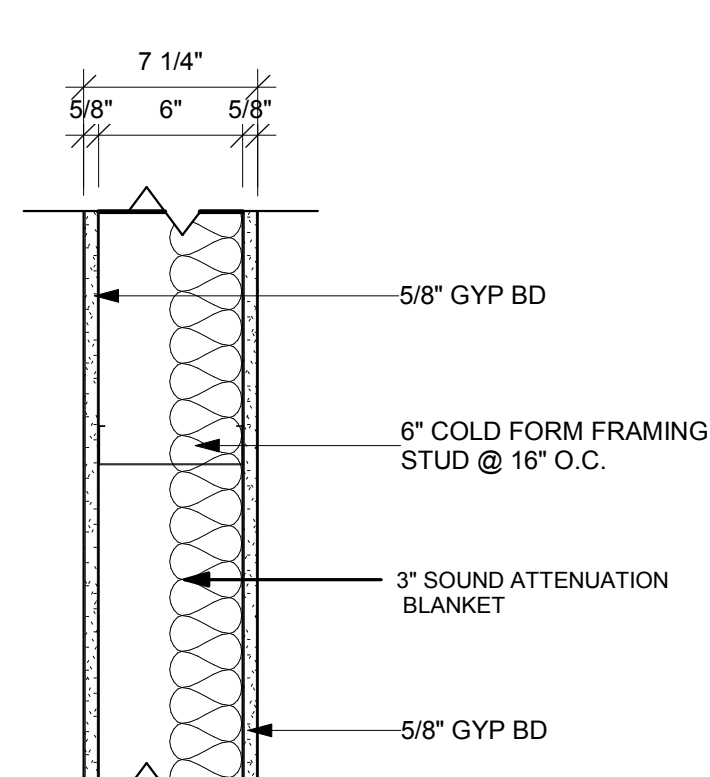
| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D8 | 24" O.C. | 4 7/8" | 5" | | | |



| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D9 | 24" O.C. | 4 7/8" | 5" | | | 47 |



| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D22 | 24" O.C. | 8" | 7 3/4" | | | |



| PARTITION TYPE | STUD WIDTH / SPACING | PARTITION WIDTH ACTUAL | PARTITION WIDTH NOMINAL | FIRE RESISTANCE RATING | UL # | STC RATING |
|----------------|----------------------|------------------------|-------------------------|------------------------|------|------------|
| D23 | 24" O.C. | 7 1/4" | 7" | | | 47 |

GENERAL WALL TYPE NOTES:

- A. REFER TO MASTER COLOR SCHEDULE AND INTERIOR DESIGN SHEETS FOR ADDITIONAL WALL FINISHES.
- B. WHERE INTERIOR DESIGN SHEETS INDICATE WALL TILE, INSTALL BACKER BOARD AT WET AND NON-WET LOCATIONS AS LISTED IN 09 21 16.
- C. NON RATED WALLS, INCLUDING BULKHEADS SHALL HAVE FRAMING EXTENDED TO DECK ABOVE. GYP BOARD SHALL EXTEND TO 4" ABOVE CEILING UNLESS NOTED OTHERWISE. COLUMN FURRING MAY STOP 4" ABOVE CEILING.
- D. AT SOUND CONTROL WALLS INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING), LEVEL OF FINISH ABOVE CEILING AS NOTED IN SECTION 09 21 16.
- E. AT SOUND CONTROL WALLS INDICATED BY SOUND ATTENUATION BLANKETS, SOUND SEAL NOTE OR STC RATING) APPLY CONTINUOUS BEAD OF ACoustICAL SEALANT AT FLOORCEILING TRACK STUDS AND STUD AT WALL. APPLY CONTINUOUS BEAD OF ACoustICAL SEALANT AT PERIMETER OF GYP BOARD HOLDING EDGE OF GYP BOARD AWAY FROM ADJACENT STRUCTURE NO MORE THAN 3/8". SEAL ALL WE/PWP PENETRATIONS WITH SOUND BLANKET BACKING, ACoustICAL SEALANT AND FIRE STOPPING. AFTER INSTALLING ONE SIDE OF GYP BOARD, APPLY OVERSIZED 2" SOUND BLANKET OVER BACK SIDE OF ELECTRICAL BOXES AND SIMILAR PENETRATIONS. WHERE WALL BOXES OCCUR AT OPPOSITE SIDES, APPLY INSULATION TO BACKSIDE OF WALL BOXES. AT FIRE RATED WALLS REQUIRING SOUND CONTROL, USE PUTTY PADS FOR REQUIRED WALL RATING. REFER TO TOP OF WALL DETAILS FOR APPLICATION OF RATED TOP OF WALL ASSEMBLIES.
- F. INSTALL GYPSUM BOARD CONTROL JOINTS AT TOP OF ALL INTERIOR TOP OF DOOR JAMBS TO TOP OF GYPSUM BOARD WALLS. OTHER CONTROL JOINTS TO BE INSTALLED PER PLAN OR AT 30" O.C. MAX. REVIEW LOCATION REQUIREMENTS WITH A/E PRIOR TO START OF INSTALLATION OF GYPSUM BOARD ASSEMBLIES.
- G. WHERE FIRE RATED WALLS ARE INDICATED BY WALL TYPE, USE UL OR EQUIVALENT APPROVED RATING SYSTEM INCLUDING TOP OF WALL AND PENETRATIONS.

RATED CMU WALL TABLE:

| | |
|--------|---------------------------------------|
| 1 HOUR | MINIMUM 2.8 EQUIVALENT WALL THICKNESS |
| 2 HOUR | MINIMUM 4.2 EQUIVALENT WALL THICKNESS |

WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING &
VETERANS CENTER ADDITION
WESTERN TECHNICAL COLLEGE
400 N. 7th STREET
LA CROSSE, WI 54601
DOOR SCHEDULE & WALL TYPES

Project Title:
Project Location:
Sheet Title:

HSR Project Number:
17026

Project Date:
3/14/2018

Drawn By:
MM/TS

Key Plan:

Revisions:

| No. | Description | Date |
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Graphic Scale:
VARIES

Last Update:
3/22/2018 2:37:28 PM

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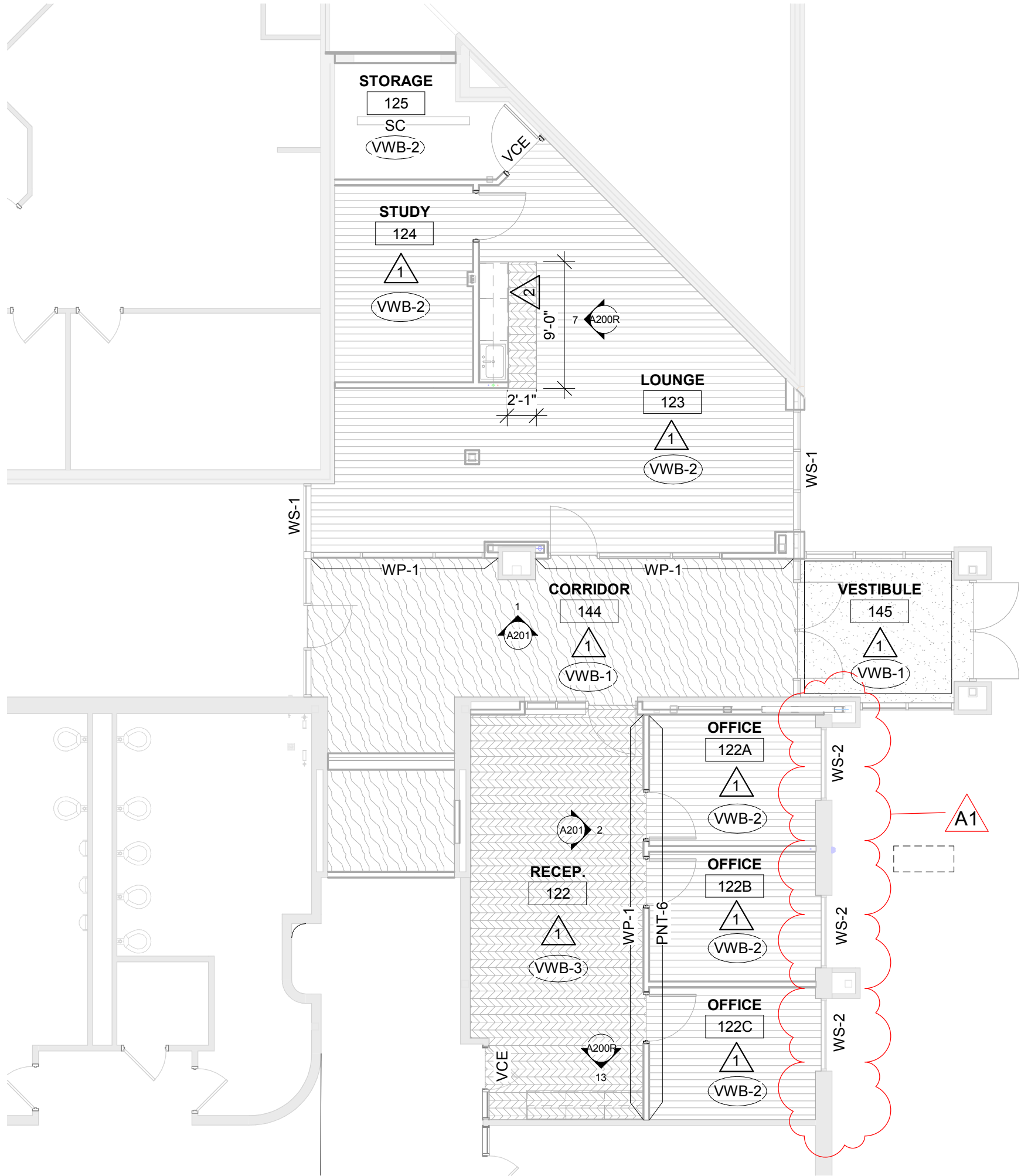
| INTERIOR GENERAL NOTES: | |
|-------------------------|--|
| A | REFERENCES TO PAINT PERTAIN TO COLOR ONLY. PAINT TYPE SHALL BE IDENTIFIED IN THE ARCHITECTURAL SPECIFICATIONS. |
| B | PNT-1 FIELD PAINT; ACCENT PAINT AS INDICATED. SEE ID SHEETS. |
| C | REFER TO MASTER COLOR SCHEDULE ON ID600 FOR MATERIAL FINISH SPECIFICATIONS, ANNOTATIONS, AND ADDITIONAL INFORMATION. |
| D | VINYL COMPOSITE EDGE (VCE) TO BE INSTALLED AT DISSIMILAR FINISH AREAS; REFER TO ID SHEETS. INSTALL APPROPRIATE EDGE PROFILE TO PROTECT FINISH EDGES. COLOR AS SELECTED BY A/E. |
| E | AT DISSIMILAR FLOORING FINISHES, SET JOINT OF MATERIALS AT CENTER OF DOOR. TRANSITIONS TO BE ADA COMPLIANT. |

| FINISH KEY PLAN: | |
|------------------|-------------------------|
| | SEE ROOM FINISH REMARKS |
| | WALL BASE |
| | ACCENT PAINT |
| | SEALED CONCRETE |

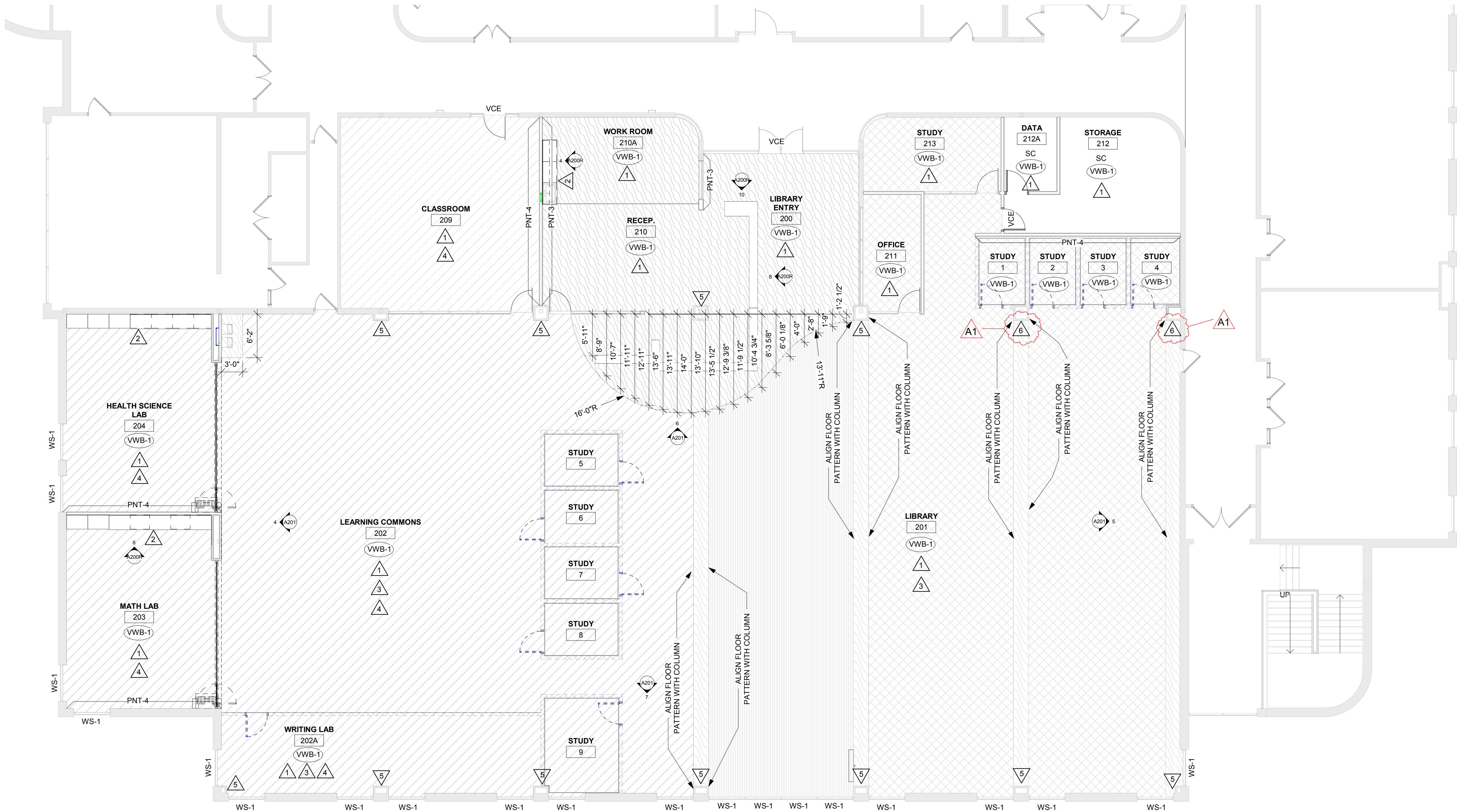
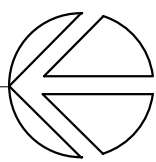
| FINISH LEGEND: | |
|----------------|------------------------------------|
| | TLE-1 (SEE A201) |
| | LVT-1 |
| | LVT-2 |
| | LVT-3 |
| | CPT-1 |
| | CPT (SEE INSTALL PATTERN ON ID102) |
| | CPT-5 |
| | WCPT-1 |

| ROOM FINISH REMARKS | |
|---------------------|--|
| 1 | PAINT ALL WALLS PNT-1. ACCENT AS INDICATED ON PLAN |
| 2 | FLOORING TO CONTINUE UNDER CASEWORK |
| 3 | ACOUSTICAL WALL PANELS THROUGHOUT. SEE A201 |
| 4 | SEE INSTALL PATTERN ON ID102 FOR CARPET PATTERN INSTALL |
| 5 | WRAP COLUMNS WITH TLE-1. SEE A201 |
| 6 | WRAP COLUMNS WITH TLE-1, 3-SIDED ONLY, NO TILE ON STUDY SIDE |

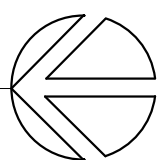
A1



1 VETERANS CENTER FINISH PLAN
1/8" = 1'-0"



2 LIBRARY FINISH PLAN
1/8" = 1'-0"



ARCHITECTURE
ENGINEERING
INTERIOR DESIGN



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Consultant:

Project Title: **WESTERN TECHNICAL COLLEGE
ARC LIBRARY REMODELING &
VETERANS CENTER ADDITION**
Project Location: **WESTERN TECHNICAL COLLEGE
400 N. 7th STREET
LA CROSSE, WI 54601**
Sheet Title: **FINISH FLOOR PLAN**

HSR Project Number: **17026**
Project Date: **3/14/2018**
Drawn By: **KV**

Key Plan:

| Revisions: | | |
|------------|-------------|---------|
| No. | Description | Date |
| A1 | ADDENDUM #1 | 3-23-18 |
| | | |
| | | |

Graphic Scale: **VARIES**

Last Update: **3/22/2018 2:37:30 PM**

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