



ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS

Date Issued:	August 13, 2021
Project:	Northpointe Medical Park- Labcorp- TI Building-'C'- Level 2 2326 North 400 East Tooele, UT, 84074
Architect's Supplemental Instructions:	ASI #1
To:	Saunders Construction 1113 South 500 West Bountiful, Utah 84010

The Work shall be revised in accordance with the following supplemental instructions, and shall be carried out in accordance with the Contract Documents. Prior to proceeding with the work described, the Contractor is to determine if the work is to affect the contract amount. If additional costs are to be incurred, the Contractor shall submit an itemized cost breakdown showing time, material and other items affected by the change. After acceptance of this work and associated costs, a change order will be prepared for signatures to affect a change to the contract.

Item Number	Description
1	City review required some sheets to be revised and notes added. Please find attached sheets with revisions clouded for more information.

Attachments:

Document: City plan review response letter

Drawings: Revised sheets- G002, G003, G121, A101, A251, A506A, A601A, M0.2 & M6.1.



NJRA Architects, Inc.

5272 S. College Drive, Suite 104 | Murray, Utah 84123 | 801.364.9259 | www.njraarchitects.com

July 23, 2021

Dave Gillette

Chief Building Official
Tooele City
90 North Main Street Tooele,
Utah 84074

Subject: Plan Review Response "**Northpointe Medical- Labcorp T.I.**" located at "Building 'C'- Level 2, 2326 North 400 East- Tooele UT 84074". Tooele City #: P21-421 (WC3 Project # 221-524-010)

Dear Mr. Gillette,

We have received plan review comments for the above-mentioned project from WC3. We have addressed each comment and have revised the drawings. Please review our response in this letter and the attached revised drawings and let us know if you have any questions and need anything else.

Code Review Comments:

Comment A1: Sheet G002, please address the following:

A. A vicinity map is provided but does not show exit access or any elements for the site. IEBC 305.7 requires that when an addition or alteration to an existing building includes a primary function area, it must be provided with an accessible route including bathrooms and drinking fountains. Please address the following:

I. Please provide a site plan or other information to show the accessible route as required by IBC 1104.1 from the public way and/or accessible parking into the building.

a. Please add a note to the plans indicating the contractor and inspector will field verify the existing accessible route between the existing accessible parking and building entrance does not exceed a 5% running slope and 2% cross slope as required by IBC 1104.1 and ICC A117.1-09 Section 403.3. If the existing accessible route is not compliant, the contractor will update as required.

Response: The existing building has accessible route between the remodel area and the accessible parking. See attached sheet A101 for more information. Above mentioned note has been added on sheet G002. See attached for more information.

II. Please verify that an accessible entrance has been provided to the building.

Response: The existing building has accessible entrance to our knowledge. Above mentioned note has been added on sheet G002. See attached for more information.

III. Provide details so that the contractor may verify that the existing elevator complies with Section 407 of ICC A117.1-09. This includes: Call Controls, Signals, Hoistway signage, Elevator sizes, Elevator buttons (in cab), Car position indicators, and Signage at elevator.

Response: The existing building elevator to our understanding complies with section 407 of ICC A117.1-09. We have also added note on sheet G002 and details on sheet A506A. Please note however that the scope of the project is tenant improvement of existing 1,400 sqft and has no impact on the existing elevator.



IV. Please indicate the location of the accessible drinking fountains.

a. Per IBC 1109.5.1 a minimum of two drinking fountains are required to be provided.

Response: There is existing accessible drinking fountain available at the building near the remodel area. See attached sheet G121 for more information.

b. Please provide a note that the contractor will verify that the existing drinking fountains provided comply with the provisions of ICC A117.1-09 Section 602 for both standing and wheelchair persons,

Response: Note has been provided on sheet G002. See attached.

V. The cost for accessibility upgrades does not need to exceed 20% of the construction cost of alterations to the area containing the primary function per Exception 1 to IEBC 305.7. If any of the above-noted items do not comply with ICC A117.1-09, and will not be upgraded, please provide a cost analysis.

Response: Our understanding is that the items listed above are existing and meets requirements. However, note has been added on sheet G002 for contractor to field verify.

B. The deferred submittals listed include the design of trusses and joists per the structural drawings. Structural drawings were not provided for review. Please address.

Response: The scope of the project does not require any structural work and therefore no structural drawings are provided for review. Structural note from deferred submittal section on sheet G002 has been removed. See attached revised sheet for more information.

Comment A2: Sheet G003, please address the following:

A. Detail 1 has information for the installation of med gas outlets. Please address the following:

I. No information has been provided for the installation of the med gas equipment. Please provide information noting the type, quantity, and location of all med gas in addition to how much will be in use and how much will be stored and show that the maximum allowable quantities of IBC Table 307.1(1) have not been exceeded.

Response: Sheet G003 is a generic sheet in our set. No medgas connections required in the scope of this project. Medgas item from detail 1 has been removed. See attached sheet G003 for more information.

II. Provide sufficient information on the plans to show how the requirements of IBC 427 have been met.

Response: No medgas connections required in the scope of this project. Medgas item from detail 1 has been removed. See attached sheet G003 for more information.

Comment A3: Sheet G121, please address the following:

A. Please list all applicable codes, as adopted by the State of Utah.



Response: All applicable codes are noted on the sheet. See attached sheet G121 for more information.

B. The Code analysis indicates that the maximum occupant load of the space is 10. Per the requirements of IBC Table 1004.5, the occupant load of the space is higher than what is listed. Please account for the waiting area, as these are considered assembly in nature and must be accounted for separately from the B occupancy.

Response: Occupant load of the remodel area has been revised and higher occupancy listed for waiting area. See attached sheet G121 for more information.

C. Egress, please address the following:

I. The legend shows a common path of travel along with travel distance. These values have not been provided. Please show the distance for the common path of travel (IBC 1006.2) from the furthest point until the occupant has a chance to choose where to exit as the indication outside the door points to a wall.

Response: Common path and travel distance values have been provided. The path has been revised to show correctly. See attached sheet G121 for more information.

II. Per the requirements of IBC 1017, please provide the first floor and show the maximum travel distance to the exit as it is unclear if this requirement is provided.

Response: First floor has been provided and Maximum travel distance from level 2 to the exit door at level 1 is noted. See attached revised sheet G121 for more information.

Comment A4: Sheet A251, please address the following:

A. Detail 2 shows a water cooler being provided. Based on the requirements of the occupant load a hi/lo drinking fountain is required to be provided. If the existing building has provided these drinking fountains, verify the location is within 500 feet and no more than 1 floor below per IBC 2902.5.

Response: Existing hi/low drinking fountain is located on sheet G121 and is 230 feet and therefore within the distance noted above. See attached revised sheet G121 for more information.

I. If the existing drinking fountains meet those requirements and the water cooler is still provided, please verify the operable parts do not exceed the reach ranges as required in ICC A117.1-09 Section 308 and 309.

Response: The existing drinking fountains in the hallway meet code requirements. The water cooler is provided in the waiting room for additional convenience only. Operable parts will not exceed the reach ranges noted in section 308 and 309. See attached sheet A251 with dimension shown.

B. Detail 6 shows the microwave and refrigerator to be provided and indicated on Sheet A123 to be provided by the owner. Even though the owner will provide the equipment, the operable parts of the microwave need to be shown meeting the requirements per ICC A117.1-09 Section 804.5.2.

Response: Owner has notified that additional countertop microwave will be provided. Dimension is shown for the operable part of the appliance in question. See attached sheet A251 with dimension shown.



I. The same comment applies to the combination refrigerator/freezer as required per ICC A117.1-09 Section 804.5.6

Response: Dimension is shown for the operable part of the appliance in question. See attached sheet A251 with dimension shown.

Comment A5: Sheet A503A: Detail 7 shows the seismic bracing attached to the cross runner. The bracing should all be attached to the main runner. Please address.

Response: Detail 7 on sheet A503A shows the seismic compression bracing attached to main runner. The detail is prepared in coordination with Armstrong ceiling suspension system, please see attached seismic installation manual from Armstrong.

Comment A6: Sheet A601A: Please address the following:

A. Provide a note or otherwise indicate that door hardware shall meet the requirements of IBC 1010.1.9.1. Hardware shall not require pinching, tight grasping, or twisting of the wrist in order to operate.

Response: Required note has been added on sheet A601A. See revised sheet A601A for more information.

B. Include in the door elevation details the mounting heights for the door hardware in accordance with IBC 1010.1.9.2. All locks, door handles, pulls, latches, or other operating hardware is required to be located between 36 and 48 inches above finished floor.

Response: Required note and elevation has been added on sheet A601A. See revised sheet A601A for more information.

Mechanical Review Comments:

Comment M1: Provide heating and cooling load calculations in accordance with ASHRAE/ACCA Standard 183. This is required per Section 312 of the IMC, as well as IECC C403.2.1. Please provide short load forms, including applicable R-values and U-factors used in the calculations. Ensure all values match the proposed envelope on the building plans and energy compliance documents.

A. If the software allows, please provide the general project data input sheets, and the building envelope report.

Response: Please refer to sheet M7.2. See attached response letter from PVE mechanical engineer.

Comment M2: It appears several mechanical items, including ducts and equipment will require seismic restraint, in accordance with IBC 1613.1 and IMC 301.18. The restraint for these items is not currently provided on the plans. Restraint must be provided, as required by Chapter 13 of ASCE 7-16. Please address.

A. Sheet G002 states this as a deferred submittal but sheet M0.1 states that this information is to be supplied by contractor for plan review prior to approval. Please address contradicting notes.

Response: Deferred submittals noted on G002 and items listed on M0.1 are to be provided by the contractor to the City before installation. See attached response letter from PVE mechanical engineer.

Comment M3: Sheet M2.1 please address the following:



A. It appears that there are multiple detail references that don't exist or are referencing sheets that do not exist please address.



Response: These are grille references, not detail references. See attached response letter from PVE mechanical engineer.

B. General notes state that contractor is to "field match ductwork and modify as necessary". IMC 106.3.1 "Construction documents shall be drawn to scale and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that the work conforms to the provisions of this code." While some things may not be able to be verified prior to construction, basic elements like branch duct sizes, return register grills, etc... can be designed now.

Response: See attached response letter from PVE mechanical engineer.

C. Please have diffuser and grill schedule (sheet M0.2) coordinated with mechanical layout sheet M2.1

Response: See attached response letter from PVE mechanical engineer and attached sheet M0.2.

D. Please specify material, size, & location of combustion air ducts and openings for all appliances as require per IFGC 304.1 through 304.12. Specify the proposed method, size, number and placement of all openings, and include necessary calculations. If direct vent from the exterior, please indicate so. Sheet M0.2 schedules do not state either.

Response: See attached response letter from PVE mechanical engineer and attached sheet M0.2.

Plumbing Review Comments:

Comment P1: Sheet G002 Please provide minimum plumbing fixture calculations in accordance with IBC Table 2902.1 & IPC Table 403.1 If fixtures are supplied communally in the building with other tenants, please indicate so on the plans. The following may apply:

A. When determining required fixtures for building with multiple occupancies, fractional numbers for each occupancy shall first be summed, then rounded to the next whole number. Please address. IBC 2902.1.1

I. For business and mercantile occupancies with an occupant load greater than 15, service sinks and drinking fountains are required. Please provide. IBC Table 2902.1

Response: Plumbing fixture calculation for the tenant improvement area is included, see sheet G121 for more information. New service sink is provided in the new tenant space. The location of existing hi/low drinking fountain is also shown on the plan. Plumbing fixtures provided meets minimum requirements. Additionally, the building has plumbing fixtures in bathrooms in the common areas in the hallway.

B. Provide code required drinking fountains. IPC 410.4

I. Note: Bi-level drinking fountains are required whenever drinking fountains are provided as per IBC 1109.5 & IPC 410.3. (see limited exceptions)



NJRA Architects, Inc.

5272 S. College Drive, Suite 104 | Murray, Utah 84123 | 801.364.9259 | www.njraarchitects.com

Response: See sheet G121 for the location of existing hi/low drinking fountain. Meets IBC & IPC requirements.

Comment P2: Sheet P2.1 please address the following:

A. Please clearly identify the Hot Water Recirc line that is shown in M6.1 Detail 4 (currently everything is labeled as DHW).

Response: See attached response letter from PVE mechanical engineer.

Electrical Review Comments:

No Electrical Review Comments.

Interior lighting compliance certificate has been provided and attached here by PVE electrical engineer.

Energy Review Comments:

Comment N1: Please indicate on the plans the minimum efficiency requirements for the water heater. The efficiency should meet the minimum requirements of IECC C404.2.

Response: Refer to attached sheet M0.2. See response letter from PVE mechanical engineer.

Comment N2: WORDING CONSIDERATIONS: Since the building will be provided with a recirculating hot water system. Please address the following:

A. Indicate the insulation requirements for the piping, in accordance with IECC C404.4.

Response: Refer to attached sheet M6.1 and detail 4/M6.1. See response letter from PVE mechanical engineer.

B. Verify automatic shutoff for the recirculation pump will be provided with temperature controls and a timer or occupancy sensor for when there is limited hot water demand in accordance with IECC C404.6.1.

Response: Refer to attached sheet M6.1 and detail 4/M6.1. See response letter from PVE mechanical engineer.

Structural Review Comments:

No Structural Review Comments.

Please contact us if you have any other questions or need anything else.

Sincerely,

Sourabh Sinha
Project Manager

Documents: Pages-Armstrong Ceiling details, Response letter from PVE Engineers, Lighting COMcheck
Drawings: Revised sheet G002, G003, G121, A101, A251, A506A, A601A, M0.2 & M6.1.

SEISMIC CEILING INSTALLATION

What You Need to Know

Code Requirements
Seismic Rx
Tested Solutions

Inspiring Great Spaces®

Armstrong®
CEILING & WALL SOLUTIONS

The STAC Clip:

- Provides code compliant (non-seismic and Seismic Design Categories C and D, E, F) “off-module” main beam to cross tee connections
- Improves the squareness of the installed suspension system and prevents twisting of main beams
- Allows panel accessibility, no interference from screws, etc.
- Meets ASTM E580 compliant pullout strength:
 - Seismic Design Category C requirement is 60 lbs
 - Seismic Design Categories D, E, F requirement is 180 lbs

Armstrong Ceilings Suspension Systems That Can Utilize the STAC Clip Include:

- ▶ Prelude® XL®/ML
- ▶ Silhouette® 1/4" XL® *
- ▶ Suprafine® XL®/ML
- ▶ Interlude® XL® HRC
- ▶ Silhouette® 1/8" XL® *
- ▶ Armstrong® Drywall Grid

* Silhouette XL suspension intersection will result in a non-mitered visual at STAC location

BRACING AND RESTRAINT FOR SEISMIC INSTALLATIONS

Difference Between Bracing and Restraint

Attachment to the wall is considered restraint. Bracing is a form of restraint (compression post and wires).

Typical seismic bracing for a wall-to-wall ceiling consists of clusters of four 12-gauge wires arrayed 90° from one another and attached to the main beam within 2" of a cross tee intersection. These wires are to be angled no more than 45° from the plane of the ceiling. The compression post is attached to the suspension system at the cluster of wires and extends to the overhead structure (see Figure 1).

The compression post needs to be engineered for the application and the longer its length the more substantial it must be. Typical post materials are EMT conduit or steel stud (see Figure 2).

The code also allows for the use of rigid bracing. The advantage here is that when a rigid member is used in place of wires, it can handle loads in two directions (push and/or pull) so only two diagonals and one vertical are needed at each location (see Figure 3).

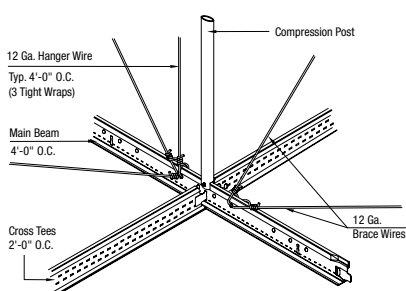


Figure 1

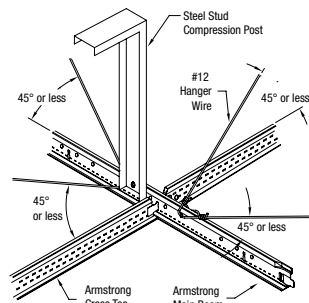


Figure 2

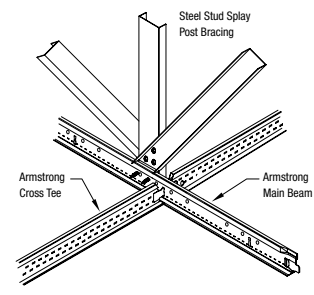


Figure 3



Consulting Mechanical & Electrical Engineers

1040 North 2200 West, Suite 100
Salt Lake City, Utah 84116
Telephone (801) 359-3158
Website: <http://www.pve-ut.com>
Email: info@pve-ut.com

June 1, 2021

NJRA Architects
5272 S. College Drive, Suite 104
Murray, Utah 84123

Sourabh Sinha, LEEP AP

RE: LabCorp TI – Northpointe Medical Building C, Level 2

WC3 Plan Review comments by George Williams

Mechanical comments:

M1. Provide heating and cooling...

Reply: Refer to sheet M7.2.

M2. It appears...

Reply: As noted the mechanical contractor will be submitting required seismic drawing and/or submittals for their Seismic engineer for their equipment for Cities review.

M3. A. It appears that...

Reply: These are grille references.

M3. B. General notes...

Reply: Thus, noted do the fact that attic was not available to provide a design that could be routed between the trusses and their webbing. The owner didn't want to open the attic; thus, the field verify notes on the plans.

M3. C. Please have...

Reply: The numbers do coordinate.

M3. D. Please specify...

Reply: As shown on sheet M02 contractor is required to meet manufactures requirements.

Plumbing comments:

P2. Please clearly identify the Hot...

Reply: Sheet P2.1 shows the hot water supply looping the space. The last fixture is close to the heater and thus the re-return line is very short due to the system loop.

Energy comments:



Consulting Mechanical & Electrical Engineers

1040 North 2200 West, Suite 100
Salt Lake City, Utah 84116
Telephone (801) 359-3158
Website: <http://www.pve-ut.com>
Email: info@pve-ut.com

N1. Please indicate on plans...

Reply: Refer to sheet M0.2.

N2. A & B Indicate the insulation...

Reply: Refer to detail 4/M6.1.

If you have any questions.

Thanks,

Kenneth Gibbs

Kenneth Gibbs, CPD, LEED AP
Project Manager



Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
 Project Title: 12078.01 - Labcorp TI
 Project Type: Alteration

Construction Site:
 2400 North 400 East
 Tooele, Utah

Owner/Agent:

Designer/Contractor:

Jareth Smith
 PVE Consulting Engineers, LLC
 1040 North 2200 West
 Salt Lake City, Utah 84116
 801-359-3158
 jsmith@pve-ut.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Health Care-Clinic	1422	0.82	1166
Total Allowed Watts =			1166

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
<u>Health Care-Clinic (1422 sq.ft.)</u>				
LED: F1: 2'x4' Flat Panel: LED Panel 33W:	1	22	32	704
LED: F2: 4" Downlight: LED Other Fixture Unit 16W:	1	4	16	64
LED: F3: 4' Strip: LED Linear 22W:	1	2	25	50
Total Proposed Watts =				818

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Jareth Smith, EIT - Electrical Engineer
 Name - Title


 Signature

4/30/2021
 Date



Inspection Checklist

Energy Code: 2018 IECC

Requirements: 76.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
---	----------------------	---	------------------------	---	---------------------

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.2.2 [EL22] ¹	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern ≥ 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Lighting that is related to means of egress in stairways, ramps, corridors, or emergency routes.
C405.2.1, C405.2.1.1 [EL18] ¹	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, warehouse storage areas, and other spaces ≤ 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Automatic-on controls are allowed in corridors, stairways, restrooms, primary building entrance areas and lobbies, and areas where manual-on controls could impact safety or security.
C405.2.1.2 [EL19] ¹	Occupancy sensors control function in warehouses: In warehouses, the lighting in aisleways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more when the areas are unoccupied. The occupant sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.1.3 [EL20] ¹	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces ≥ 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas ≤ 600 sq.ft. within the space, 2) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 3) are configured so that general lighting power in each control zone is reduced by $\geq 80\%$ of the full zone general lighting power within 20 minutes of all occupants leaving that control zone, and 4) are configured such that any daylight responsive control will activate space general lighting or control zone general lighting only when occupancy for the same area is detected.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.2, C405.2.2.1, C405.2.2.2 [EL21] ²	Each area not served by occupancy sensors (per C405.2.1) have time-switch controls and functions detailed in sections C405.2.2.1 and C405.2.2.2.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Lighting controlled by occupancy sensors.

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3, C405.2.3.1, C405.2.3.2 [EL23] ²	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.4 [EL26] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.4 [EL27] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 [EL6] ¹	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
------------------------	--------------------------	-----------------------

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17] ³	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.4.1 [FI18] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Interior Lighting fixture schedule for values.</i>
C408.2.5.1 [FI16] ³	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [FI33] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
------------------------	--------------------------	-----------------------

INTERIM LIFE SAFETY MEASURES

IMPLEMENTATION OF INTERIM LIFE SAFETY MEASURES (ILSM) IS REQUIRED IN OR ADJACENT TO ALL CONSTRUCTION AREAS AND THROUGHOUT BUILDINGS WITH EXISTING LSC DEFICIENCIES. ILSM APPLY TO ALL PERSONNEL INCLUDING CONSTRUCTION WORKERS. MUST BE IMPLEMENTED UPON PROJECT DEVELOPMENT, AND CONTINUOUSLY ENFORCED THROUGH PROJECT COMPLETION. ILSM ARE INTENDED TO PROVIDE A LEVEL OF LIFE SAFETY COMPARABLE TO THAT DESCRIBED IN CHAPTERS 1 THROUGH 7.31 AND THE APPLICABLE OCCUPANCY CHAPTERS OF THE LSC. EACH ILSM ACTION MUST BE DOCUMENTED THROUGH WRITTEN POLICIES AND PROCEDURES, EXCEPT AS STATED BELOW. FREQUENCIES FOR INSPECTION, TESTING, TRAINING, AND ILSM CONSIST OF THE FOLLOWING ACTIONS:

- ENSURING EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE TRAINING IF ALTERNATIVE EXITS MUST BE DESIGNATED. BUILDINGS OR AREAS UNDER CONSTRUCTION MUST MAINTAIN ESCAPE FACILITIES FOR CONSTRUCTION WORKERS AT ALL TIMES. MEANS OF EGRESS IN CONSTRUCTION AREAS MUST BE INSPECTED DAILY.
- ENSURING FREE AND UNOBSTRUCTED ACCESS TO EMERGENCY DEPARTMENTS/ SERVICES AND FOR EMERGENCY FORCES.
- ENSURE FIRE ALARM, DETECTION, AND SUPPRESSION SYSTEMS ARE NOT IMPAIRED. A TEMPORARY, BUT EQUIVALENT, SYSTEM SHALL BE PROVIDED WHEN ANY FIRE SYSTEM IS IMPAIRED. TEMPORARY SYSTEMS MUST BE INSPECTED AND TESTED MONTHLY.
- ENSURING TEMPORARY CONSTRUCTION PARTITIONS ARE SMOKE TIGHT AND BUILT OF NONCOM OR LIMITED COMBUSTIBLE MATERIALS THAT WILL NOT CONTRIBUTE TO THE DEVELOPMENT OR SPREAD OF FIRE.
- PROVIDING ADDITIONAL FIRE-FIGHTING EQUIPMENT AND USE TRAINING OF PERSONNEL.
- PROHIBITING SMOKING IN ACCORDANCE WITH MA.1.31.5 AND IN OR ADJACENT TO ALL CONSTRUCTION AREAS.
- DEVELOPING AND ENFORCING STORAGE, HOUSEKEEPING, AND DEBRIS REMOVAL PRACTICES THAT REDUCE THE FLAMMABLE AND COMBUSTIBLE FIRE LOAD OF THE BUILDING TO THE LOWEST LEVEL NECESSARY FOR DAILY OPERATIONS.
- CONDUCTING A MINIMUM OF TWO FIRE DRILLS PER SHIFT PER QUARTER.
- INCREASING HAZARD SURVEILLANCE OF BUILDINGS, GROUNDS, AND EQUIPMENT WITH SPECIAL ATTENTION TO EXCAVATIONS, CONSTRUCTION AREAS CONSTRUCTION STORAGE, AND FIELD OFFICES.
- TRAINING PERSONNEL WHEN STRUCTURAL OR COMPARTMENT FEATURES OF FIRE SAFETY ARE COMPROMISED.
- CONDUCTING ORGANIZATION WIDE SAFETY EDUCATION PROGRAMS TO ENSURE AWARENESS OF ANY LSC DEFICIENCIES, CONSTRUCTION HAZARDS, AND THESE ILSM.

PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING SCOPE OF WORK:

- PROJECT INCLUDES 1421 SQ. FT. REMODEL OF EXISTING SHELLED SPACE AT LEVEL 2 OF BUILDING 'C' TO NEW LAB AREA FOR LABCORP WITH NEW PARTITION WALLS, FLOORING, FINISHES, MILLWORK ALONG WITH ASSOCIATED HVAC AND ELECTRICAL WORK AS SHOWN IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.

APPROVALS

Approver Name, Title _____ Date _____

Approver Name, Title _____ Date _____

Approver Name, Title _____ Date _____

Approver Name, Title _____ Date _____

VICINITY MAP



DRAWING INDEX

GENERAL

- G001 Cover Sheet
- G002 General Information
- G003 General Information
- G004 American National Standard Institute Requirements
- G005 General Legend & Notes
- G121 Code Compliance Plan Level 2 - Overall

ARCHITECTURAL

- A101 Site Plan
- A112 Demolition Reflected Ceiling Plan Level 1
- A121 Demolition Floor Plan Level 2
- A123 Floor Plan Level 2
- A124 Dimension Floor Plan Level 2
- A126 Reflected Ceiling Plan Level 2
- A127 Finish Floor Plan Level 2
- A251 Interior Elevations
- A301 Building Sections
- A501A Wall Types
- A503A Ceiling Details
- A504A Door & Window Details
- A505A Cabinet Legend & Details
- A505B Cabinet Details
- A506A Details
- A601A Door Schedule
- A603A Finish Schedule & Details

MECHANICAL

- M0.1 Mechanical Legends and Notes
- M0.2 Mechanical Schedules
- M0.3 Mechanical Notes
- M2.1 Mechanical Floor Plan
- M6.1 Mechanical Details
- M6.2 Mechanical Details
- M6.3 Mechanical Details
- M6.4 Mechanical Details
- M7.1 Mechanical Compliance
- M7.2 Mechanical Compliance

PLUMBING

- P2.1 Plumbing Floor Plan

ELECTRICAL

- E001 Electrical Symbols and Notes
- E201 Power Plan
- E301 Lighting Plan
- E401 One-Line Diagram
- E501 Electrical Schedules
- E601 Electrical Details

ABBREVIATIONS

& AND	DWL. DOWEL	INT. INTERIOR	P.S.F. POUNDS PER SQUARE FOOT	V.C.P. VITREOUS CLAY PIPE
@ AT	DN. DOWN	INV. INVERT	R RADIUS	W WATER CLOSET
Ø DIAMETER	D.S. DOWN SPOUT	J JOINT	RAO. RECOMMENDATION	W.H. WATER HEATER
(E), EXIST. EXISTING	D.W.V. DRAINAGE WASTE VENT	JAN. JANITOR	REG. REGISTER	W.R. WATER RESISTANT
(N) NEW	DWG. DRAWING	JT. JOINT	REQ'D REQUIRED	W.P. WATERPROOF
d PENNY	E EACH	JST. JOIST	R.A. RETURN AIR	W.W.F. WELDED WIRE FABRIC
# POUND OR NUMBER	E.A.C. ELEC. WATER COOLER	L LAMINATED	REV. REVISION	W.F. WIDE FLANGE
A ACOUSTIC	EL./ELEC. ELECTRIC	LAM. LAMINATED	R.D. ROOF DRAIN	WDW. WINDOW
AC ADDENDUM	ELEV. ELEVATION	LDG. LANDING	RFG. ROOFING	W/ WITH
A/C AIR CONDITIONING	EQ. EQUAL	LAV. LAVATORY	RM. ROOM	W/O WITHOUT
ALT. ALTERNATE	EQUIP. EQUIPMENT	LT. LIGHT	RGH. ROUGH	WD. WOOD
AL ALUMINIUM	EXH. EXHAUST	L.W.C. LIGHT WEIGHT CONCRETE	RND. ROUND	
A.B. ANCHOR BOLT	EXIST. EXISTING	LVR. LOUVER	S SCREW	
ARCH ARCHITECT(JURAL)	E.J. EXPANSION JOINT	M MACHINE BOLT	SECT. SECTION	
ASP. ASPHALT	EXT. EXTERIOR	MFR. MANUFACTURER	SEL. SELECT	
		M.O. MASONRY OPENING	SHT. SHEET	
B BASEMENT	F FEET	MATL. MATERIAL	SIM. SIMILAR	
BSMT. BASEMENT	FV/FV. FIELD VERIFY	MAX. MAXIMUM	SLDG. SLIDING	
B.M. BENCHMARK	FIN. FINISHED	MECH. MECHANICAL	SM. SMOOTH	
BLKG. BLOCKING	F.E. FIRE EXTINGUISHER	MTL. METAL	SPEC. SPECIFICATION	
BD. BOARD	F.E.C. FIRE EXTINGUISHER CABINET	MIN. MINIMUM	SPL. SPLASH	
B.O. BOTTOM OF BLDG.	FIXT. FIXTURE	MLDG. MOLDING	SQ. SQUARE	
	FL. FLASHING	MULL. MULLION	S.S. STAINLESS STEEL	
C CABINET	G GALVANIZED	N NATURAL GRADE	STD. STANDARD	
C.B.T. CAST IN PLACE	GA. GAUGE	N.G. NATURAL GRADE	STRUC. STRUCTURE	
C.B. CATCH BASIN	G.C. GENERAL CONTRACTOR	NOM. NOMINAL	S.A. SUPPLY AIR	
CLG. CEILING	G.S.N. GENERAL STRUCTURAL NOTES	N/A NOT APPLICABLE	SUSP. SUSPENDED	
CL CENTER LINE	GL. GLASS	N.I.C. NOT IN CONTRACT	SW.BD. SWITCHBOARD	
C.T. CERAMIC TILE	GD. GRADE	N.T.S. NOT TO SCALE		
CH CHANNEL	GRL. GRILLE	O ON CENTER	T TELCO TELEPHONE COMPANY	
C.O. CLEAN OUT	GRD. GROUND	O.C. ON CENTER	I.G. TEMPERED GLASS	
CLR. CLEAR	GYP. GYPSUM	O.D. OUTSIDE DIAMETER	T&G TONGUE & GROOVE	
CL. CLOSET		O.R.D. OVERFLOW ROOF DRAIN	T&B TOP & BOTTOM	
COL. COLUMN		O.F.S. OVERFLOW SCUPPER	T.O. TOP OF	
CONC. CONCRETE	H HARDWARE	O.F.C.I. OWNER FURNISHED, CONTRACTOR INSTALLED	T.O.C. TOP OF CURB	
CMU CONCRETE MASONRY UNIT	HDWD. HARDWOOD	O.F.O.I. OWNER FURNISHED, OWNER INSTALLED	T.O.D. TOP OF DECK	
COND. CONDITION	HTR. HEATER		T.O.P. TOP OF PARAPET	
CONN. CONNECTION	HT. HEIGHT		TYP. TYPICAL	
CONST. CONSTRUCTION	H.P. HIGH POINT			
CONT. CONTINUOUS	H.M. HOLLOW METAL			
CJ CONTROL JOINT	HORIZ. HORIZONTAL			
	H.B. HOSE BIB			
D DAMP PROOFING	H.W. HOT WATER			
D.B. DECK BEARING	HR. HOUR			
DIAG. DIAGONAL				
DI.A. DIAMETER	I INCH			
DI.M. DIMENSION	IN. INCH			
DISP. DISPENSER	I.D. INSIDE DIAMETER			
	INSUL. INSULATION			
		P PAINT		
		PTD. PAINTED		
		PR. PAIR		
		PNL. PANEL		
		d PENNY		
		P.L. PLASTIC LAMINATE		
		PL. PLATE		
		PLBG. PLUMBING		
		P.S.I. POUND PER SQUARE INCH		
			U UNLESS NOTED OTHERWISE	
			U.N.O. UNLESS NOTED OTHERWISE	
			V VENT	
			V.T.R. VENT THROUGH ROOF	
			VERT. VERTICAL	
			V.G. VERTICAL GRAIN	
			VEST. VESTIBULE	
			VINTL. VINTL COMPOSITION TILE	

DEFERRED SUBMITTALS

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING TO THE BUILDING OFFICIAL FOR REVIEW WITH AN ACCOMPANYING LETTER FROM THE ARCHITECT STATING THAT THE CONTENTS OF THE SUBMITTAL ARE IN CONFORMANCE WITH THE DESIGN. WORK RELATED TO THE DEFERRED SUBMITTAL IS NOT TO COMMENCE UNTIL THE BUILDING OFFICIAL HAS APPROVED THE SUBMITTAL.

- DETAILS AND ENGINEERING CALCULATIONS FOR ALL NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS. THESE SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7-05. REFERENCE IBC SECTION 1613.1. THIS INCLUDES:
 - ELECTRICAL SYSTEMS
 - MECHANICAL SYSTEMS
 - PLUMBING SYSTEMS
 - DECORATIVE ARCHITECTURAL COMPONENTS.
- DETAILS AND ENGINEERING CALCULATIONS FOR THE FIRE SPRINKLER AND FIRE DETECTION SYSTEMS, WHICH ARE TO BE DESIGN-BUILD BY THE CONTRACTOR TO COMPLY WITH NFPA 13 AND SHALL INCLUDE:
 - FIRE ALARM PLANS (INCLUDING CO DETECTOR LOCATIONS)
 - AUTOMATIC FIRE SPRINKLER PLANS

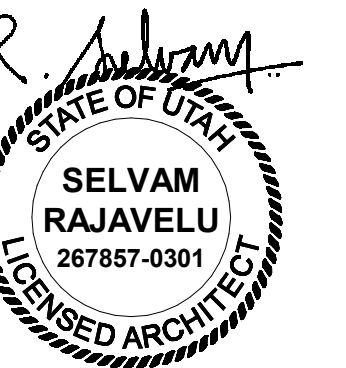
SPECIAL INSPECTIONS

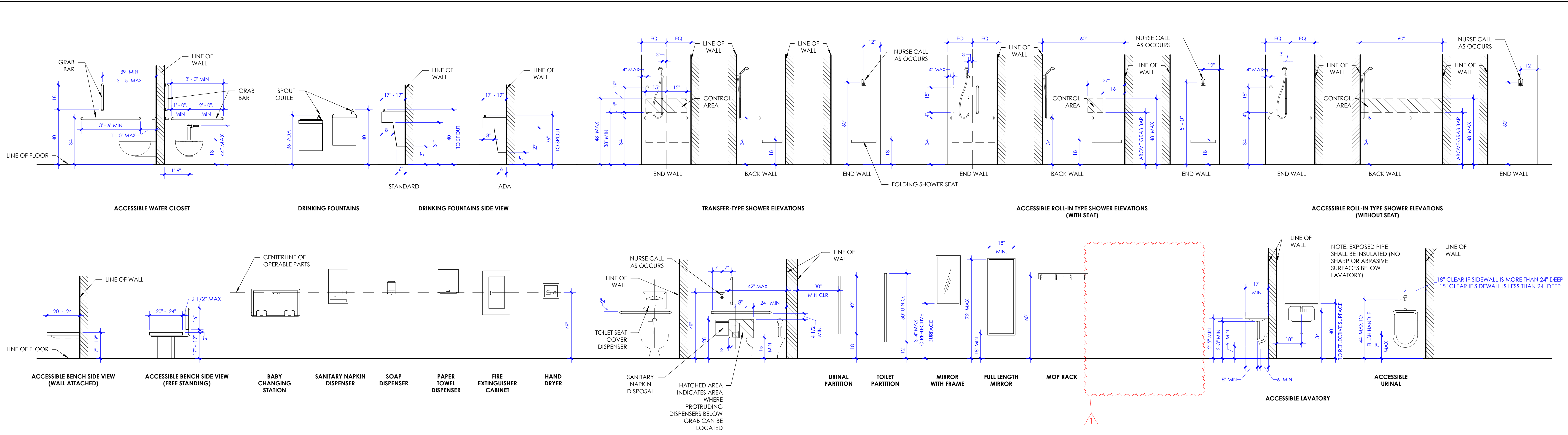
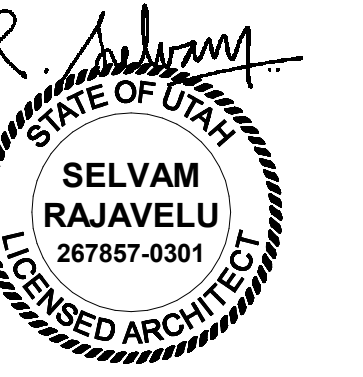
NONE.

DEFINITIONS

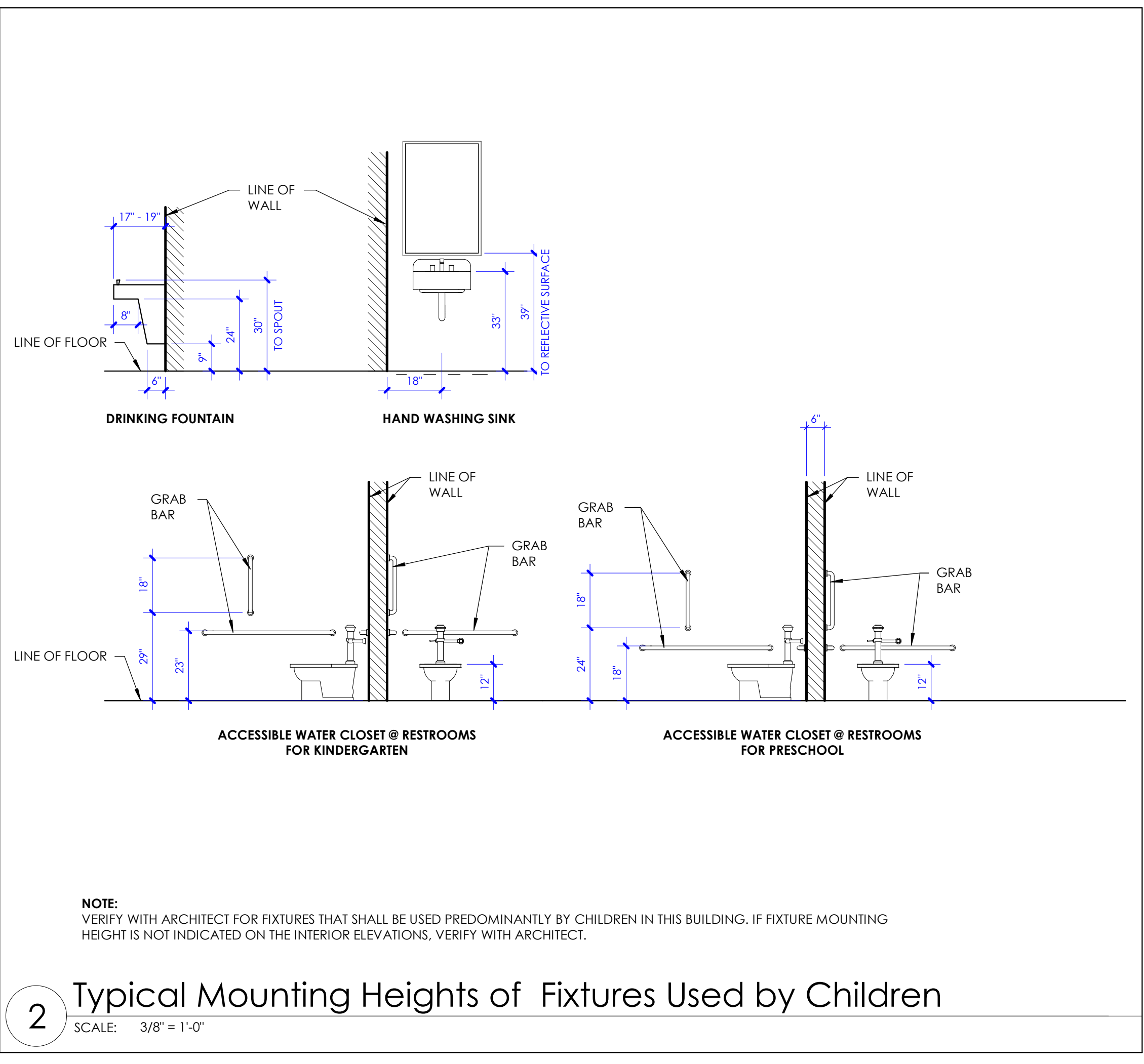
- GENERAL: BASIC CONTRACT DEFINITIONS ARE INCLUDED IN THE CONDITIONS OF THE CONTRACT.
- "APPROVED": WHEN USED TO CONVEY ARCHITECT'S ACTION ON CONTRACTOR'S SUBMITTALS, APPLICATIONS, AND REQUESTS, "APPROVED" IS LIMITED TO ARCHITECT'S DUTIES AND RESPONSIBILITIES AS STATED IN THE CONDITIONS OF THE CONTRACT.
- "DIRECTED": A COMMAND OR INSTRUCTION BY ARCHITECT. OTHER TERMS INCLUDING "REQUESTED," "AUTHORIZED," "SELECTED," "REQUIRED," AND "PERMITTED" HAVE THE SAME MEANING AS "DIRECTED."
- "INDICATED": REQUIREMENTS EXPRESSED BY GRAPHIC REPRESENTATIONS OR IN WRITTEN FORM ON DRAWINGS, IN SPECIFICATIONS, AND IN OTHER CONTRACT DOCUMENTS. OTHER TERMS INCLUDING "SHOWN," "NOTED," "SCHEDULED," AND "SPECIFIED" HAVE THE SAME MEANING AS "INDICATED."
- "REGULATIONS": LAWS, ORDINANCES, STATUTES, AND LAWFUL ORDERS ISSUED BY AUTHORITIES HAVING JURISDICTION, AND RULES, CONVENTIONS, AND AGREEMENTS WITHIN THE CONSTRUCTION INDUSTRY THAT CONTROL PERFORMANCE OF THE WORK.
- "TURNISH": SUPPLY AND DELIVER TO PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS.
- "INSTALL": UNLOAD, TEMPORARILY STORE, UNPACK, ASSEMBLE, ERECT, PLACE, ANCHOR, APPLY, WORK TO DIMENSION, FINISH, CURE, PROTECT, CLEAN, AND SIMILAR OPERATIONS AT PROJECT SITE.
- "PROVIDE": FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
- "PROJECT SITE": SPACE AVAILABLE FOR AUTOMATIC CONSTRUCTION ACTIVITIES. THE EXTENT OF PROJECT SITE IS SHOWN ON DRAWINGS AND MAY OR MAY NOT BE IDENTICAL WITH THE DESCRIPTION OF THE LAND ON WHICH PROJECT IS TO BE BUILT.

CITY REQUIRED NOTES:
 1. THE CONTRACTOR AND INSPECTOR WILL FIELD VERIFY THE EXISTING ACCESSIBLE ROUTE BETWEEN THE EXISTING ACCESSIBLE PARKING AND BUILDING ENTRANCE DOES NOT EXCEED A 5% RUNNING SLOPE AND 2% CROSS SLOPE AS REQUIRED BY IBC 1104.1 AND ICC A117.1-09 SECTION 403.3. IF THE EXISTING ACCESSIBLE ROUTE IS NOT COMPLIANT, THE CONTRACTOR WILL UPDATE AS REQUIRED BY APPLICABLE CODE.
 2. CONTRACTOR WILL VERIFY THAT THE EXISTING ELEVATOR COMPLIES WITH SECTION 407 OF ICC A117.1-09. THIS INCLUDES: CALL CONTROLS, SIGNALS, HOISTWAY SIGNAGE, ELEVATOR SIZES, ELEVATOR BUTTONS (IN CAB), CAR POSITION INDICATORS, AND SIGNAGE AT ELEVATOR.
 3. THE CONTRACTOR WILL VERIFY THAT THE EXISTING DRINKING FOUNTAINS PROVIDED COMPLY WITH THE PROVISIONS OF ICC A117.1-09 SECTION 402 FOR BOTH STANDING AND WHEELCHAIR PERSONS.





1 Typical Mounting Heights
SCALE: 3/8" = 1'-0"



2 Typical Mounting Heights of Fixtures Used by Children
SCALE: 3/8" = 1'-0"

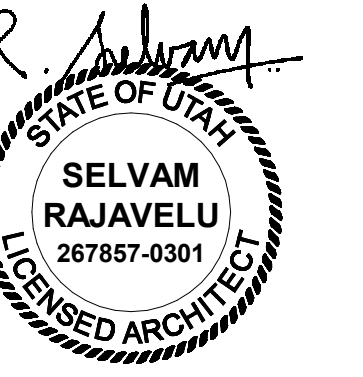
LEGEND - MATERIALS

HATCH PATTERN BELOW INDICATES REPRESENTATION OF BUILDING MATERIALS IN BUILDING SECTIONS, WALL SECTIONS AND DETAILS.

	Concrete		Finish Wood
	Gypsum Board		Blocking
	Steel		Stone
	Earth		Gravel
	Masonry Concrete Block		Ball Insulation
	Masonry Brick		Insulation Rigid

GENERAL INFORMATION SYMBOLS & TAGS

<p>SHEET NUMBERING SYSTEM</p> <p>A100A</p> <ul style="list-style-type: none"> A: PROJECT AREA 100: SHEET NUMBER SEQUENCE A: SHEET TYPE 0: DISCIPLINE 	<p>ROOM TAG</p> <p>ROOM NAME: OFFICE-4</p> <p>ROOM COUNT DESIGNATION: 155 SF</p> <p>ROOM AREA: A324 (O.L. 999)</p> <p>ROOM NUMBER: LETTER "A" IN THE ROOM NUMBER DENOTES "AREA A" IN THE PROJECT; NUMBER "3" DENOTES "FLOOR LEVEL 3"; NUMBER "24" DENOTES ROOM NUMBERING SEQUENCE IN THE PROJECT AREA.</p>	<p>DOOR TAG</p> <p>DOOR TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p> <p>THE FIRST LETTER "A" AND THE FOLLOWING THREE DIGITS "124" DENOTES ROOM NUMBER</p> <p>SUFFIX "C" DENOTES SEQUENCE OF DOOR ACCESSING THE ROOM.</p>
<p>GRID TAG</p> <p>GRID REFERENCE LETTER - A, B, C, ETC. (USED FOR HORIZONTAL GRID SEQUENCE, TYPICALLY FROM LEFT TO RIGHT)</p> <p>GRID REFERENCE NUMBER - 1, 2, 3, ETC. (USED FOR VERTICAL GRID SEQUENCE, TYPICALLY FROM TOP TO BOTTOM)</p>	<p>DATUM POINT TAG</p> <p>CEILING HEIGHT TAG</p> <p>B.O.C. BOTTOM OF CEILING</p> <p>B.O.H. BOTTOM OF HEADER</p> <p>HEIGHT ABOVE FINISH FLOOR</p>	<p>WINDOW TAG</p> <p>WINDOWS TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>
<p>NORTH ARROW</p> <p>BUILDING SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS</p>	<p>SPOT ELEVATION</p> <p>T.O.W. TOP OF WALL</p> <p>T.O.C. TOP OF CURB</p> <p>D.B.E. DECK BEARING ELEVATION</p> <p>F.F.E. FINISH FLOOR ELEVATION</p> <p>B.O.V. BOTTOM OF VENER</p> <p>T.O.S. TOP OF SIDEWALK</p> <p>T.O.C. TOP OF CURB</p>	<p>FLOOR FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR FLOOR COVERING AND FINISHES REQUIRED.</p>
<p>WALL SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>	<p>VERTICAL ELEVATION</p> <p>LEVEL 100'-0"</p> <p>DENOTES FLOOR LEVEL</p> <p>DENOTES BUILDING REFERENCE ELEVATION</p>	<p>WALL BASE TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL BASE TYPE.</p>
<p>WALL SECTIONS</p> <p>SECTION TAGS ARE INDICATED ON DIMENSION FLOOR PLANS</p>	<p>CENTER LINE</p> <p>FLOW ARROW</p> <p>WATER DRAINAGE DIRECTION SHOWN ON SITE AND ROOM PLANS FROM HIGH TO LOW POINT.</p>	<p>WALL FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR WALL FINISHES REQUIRED.</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>FLOOR PLAN MATCHLINE</p> <p>DETAIL LOCATION NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>CEILING FINISH TAG</p> <p>TAGS ARE INDICATED ON REFLECTED CEILING PLAN. SEE FINISH SCHEDULE, SHEET A603A. FOR CEILING FINISHES REQUIRED.</p>
<p>DETAIL TAGS</p> <p>DETAIL NUMBER</p> <p>SHEET WHERE DRAWN</p>	<p>REVISION TAG</p> <p>CLOUD INDICATES REVISION AREA</p> <p>REVISION NUMBER</p>	<p>OTHER FINISH TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN & INTERIOR ELEVATIONS. SEE FINISH SCHEDULE, SHEET A603A. FOR FINISHES REQUIRED.</p>
<p>EXTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON OVERALL DIMENSION FLOOR PLANS AND KEY PLAN</p>	<p>KEYED NOTES - PROJECT SPECIFIC</p> <p>KEYED NOTES THAT ARE PROJECT SPECIFIC AS INDICATED ON PLANS, SECTIONS AND ELEVATIONS</p>	<p>CABINET TAG</p> <p>CABINET TYPES ARE INDICATED ON INTERIOR ELEVATIONS & CABINET LEGEND, SHEET A505A.</p>
<p>INTERIOR ELEVATION TAGS</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLANS</p>	<p>KEYED NOTES - GENERIC</p> <p>KEYED NOTES THAT ARE NOT PROJECT SPECIFIC AS INDICATED ON GENERIC, TYPICAL DETAILS.</p>	<p>SIGN TAG</p> <p>TAGS ARE INDICATED ON FINISH FLOOR PLAN. SEE SIGN TYPE DETAIL 1/A506A</p>
	<p>WALL TAG</p> <p>WALL TAGS ARE INDICATED ON DIMENSION FLOOR PLANS. WALL TYPES ARE INDICATED IN SHEET A501A.</p>	



LEGEND				
SYMBOL	DESCRIPTION	FIRE RESISTANCE RATING	DOOR FIRE RATING	WINDOW FIRE RATING
	COMMON PATH OF TRAVEL	N/A	N/A	N/A
	TRAVEL DISTANCE	N/A	N/A	N/A
	OCCUPANT LOAD	N/A	N/A	N/A
	SMOKE PARTITION WALL	0 HOUR	SMOKE	SMOKE
	SMOKE BARRIER WALL	1 HOUR	1/3 HOUR	1/3 HOUR
	1 HOUR FIRE RATED WALL	1 HOUR	3/4 HOUR	3/4 HOUR
	2 HOUR FIRE RATED WALL	2 HOUR	1-1/2 HOUR	1-1/2 HOUR

KEYED NOTES

01.06 NEW FIRE EXTINGUISHER AND CABINETS. SEE DETAIL 3/A306A
02.10 EXISTING HIGH/LOW ADA DRINKING FOUNTAINS TO REMAIN.

CODE REVIEW

APPLICABLE CODES
International Building Code (IBC)2018
International Existing Building Code (IEBC)2018
International Fire Code (IFC)2018
International Mechanical Code (IMC)2018
International Plumbing Code (IPC)2018
ANSI/ASHRAE/IES Standard 90.1:2010
National Electric Code (NEC)2017
NFPA 101-2018
ANSI 117.1-2009

OCCUPANCY CLASSIFICATION
Business Group B

REQUIRED SEPARATION OF OCCUPANCIES
(Table 508.4, Page 108)
Between B & S1: 0 hour (No separation requirement)

FIRE SPRINKLER SYSTEM
Building is equipped throughout with an automatic sprinkler system.

CONSTRUCTION TYPE
Building: Type V-B

BUILDING HEIGHT
(Table 504.3, Page 98)
Allowable Building Height: 75 feet
Actual Building Height: 45 feet & 4 inches

NUMBER OF STORIES
(Table 504.4, Page 99)
Allowable Number of Stories (Occupancy - B): 4
Actual Number of Stories: 2
Below Grade Plane: 1 (Lift Pit Basement)

FLOOR AREA
(Table 506.2, Page 102)
Allowable Floor Area per Floor: Unlimited
Actual Floor Area Each Floor - (Occupancy - B): 14,701 SF
Tenant Improvement Area at Level 2: 1,421 SF

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(Table 601, Page 113)
Primary structural frame: 0 hour
Bearing walls - Exterior: 0 hour
Bearing walls - Interior: 0 hour
Nonbearing walls and partitions - Exterior: 0 hour
Nonbearing walls and partitions - Interior: 0 hour
Floor construction and associated secondary members: 0 hour
Roof construction and associated secondary members: 0 hour

FIRE RESISTANCE RATING REQUIREMENTS FOR INCIDENTAL USES (ROOM OR AREA)
(Table 509, Page 109)
Paint Shop: 1 hour or Automatic Sprinkler System
Boiler Room: 1 hour or Automatic Sprinkler System
Laundry Room: 1 hour or Automatic Sprinkler System

SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY
(Table 1004.5.1, Page 259)
Business Areas: 150 Gross Per Occupant
Maximum Occupant Load of Spaces: 1,133 S.F. / 150 = 8 Occupants
(Excluding Waiting area)
Occupant Load of Waiting (Chair seating): 20
Actual Total Occupants: 28 Occupants

Common Path of Travel (Occupancy - B): 100 feet

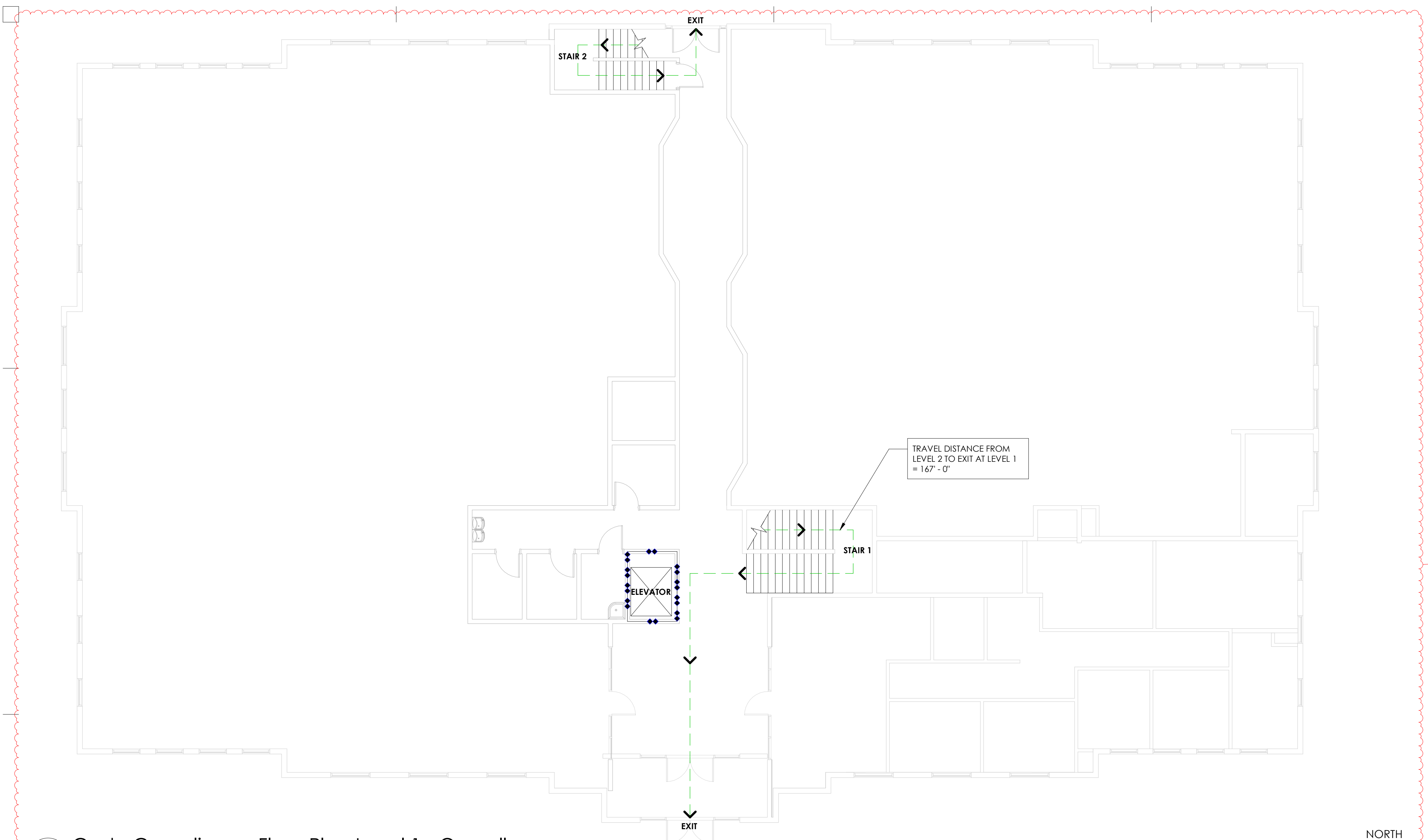
EXIT ACCESS TRAVEL DISTANCE
(Table 1017.2, Page 277)
Maximum Travel Distance (Occupancy - B): 300 feet

CORRIDOR FIRE RESISTANCE RATING
(Table 1020.1, Page 278)
Corridor Walls (Occupancies A3, B, S1): 0 hour

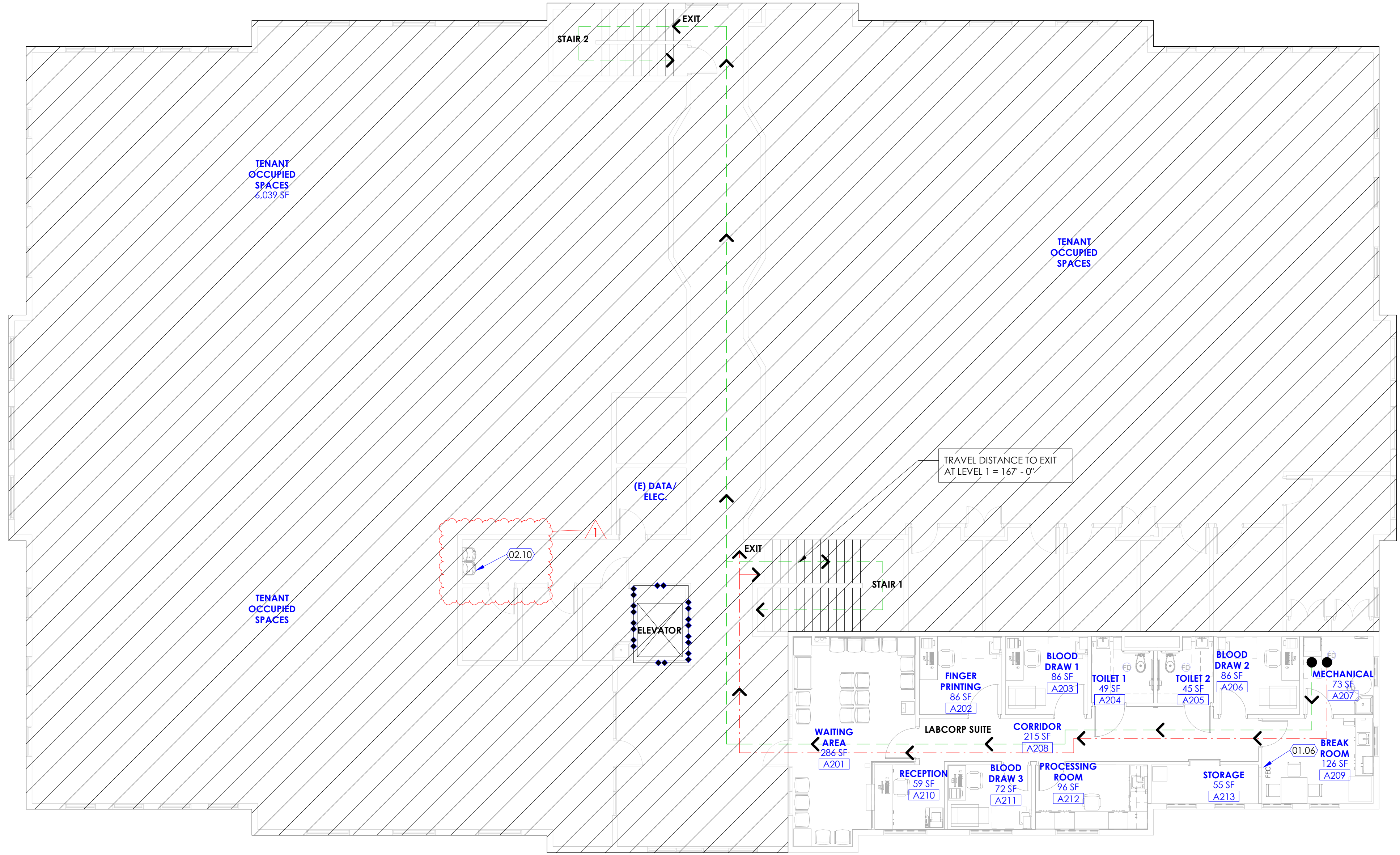
MINIMUM CORRIDOR WIDTH
(Table 1020.2, Page 279)
Minimum corridor width required: 44 inches
Actual corridor width provided: 60 inches

DEAD END CORRIDORS
(Page 279)
Occupancy - B: Not to exceed 50 feet

PLUMBING FIXTURE REQUIREMENTS
(Table 2902.1, Page 572)- Based on 28 occupants:
Water Closet: Required -2 Provided -2
Lavatories: Required -1 Provided -2 (2 in toilet and 6 in rooms).
Service Sink: Required -1 Provided -1
Drinking Fountain: Minimum Required -1 Existing -2 (Unchanged)



2 Code Compliance Floor Plan Level 1 - Overall
SCALE: 1/8" = 1'-0"



1 Code Compliance Floor Plan Level 2 - Overall
SCALE: 1/8" = 1'-0"

8/13/2021 3:25:56 PM

Northpointe Medical Park
TI for Labcorp

Building 'C' - Level 2
2326 North 400 East
Tooele, UT 84074

NJRA Project # 21002.00
Construction Documents Mar. 26, 2021
1 ASI # 07/23/2021

Code Compliance
Plan Level 2 - Overall

G121

VIEW & PRINT THIS SHEET IN COLOR FOR CLARITY



ACCESSIBLE ROUTE
TO BUILDING
ENTRANCE FROM
ACCESSIBLE
PARKING LOT.

ACCESSIBLE ROUTE
TO BUILDING
ENTRANCE FROM
ACCESSIBLE
PARKING LOT.

KEYED NOTES

GENERAL NOTES

- A. SEE SHEET G003 AND G005 FOR SYMBOLS, GENERAL NOTES AND LEGEND.
- B. SEE SHEET A505A FOR CABINET LEGEND.
- C. SEE SHEET A601A FOR DOOR SCHEDULE.
- D. SEE SHEET A602A FOR WINDOW SCHEDULE.
- E. SEE SHEET A603A FOR FINISH SCHEDULE AND GENERAL NOTES.

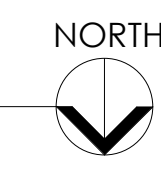
Northpointe Medical Park
TI for Labcorp

Building 'C' - Level 2
2326 North 400 East
Tooele, UT 84074

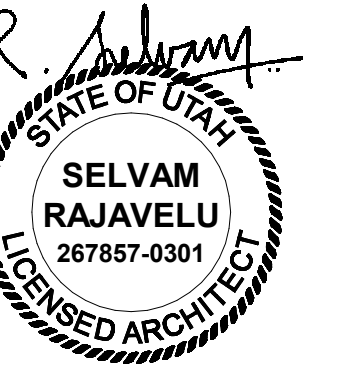
NJRA Project # 21002.00
Construction Documents Mar. 26, 2021
1 ASI #1 07/23/2021

Site Plan

A101



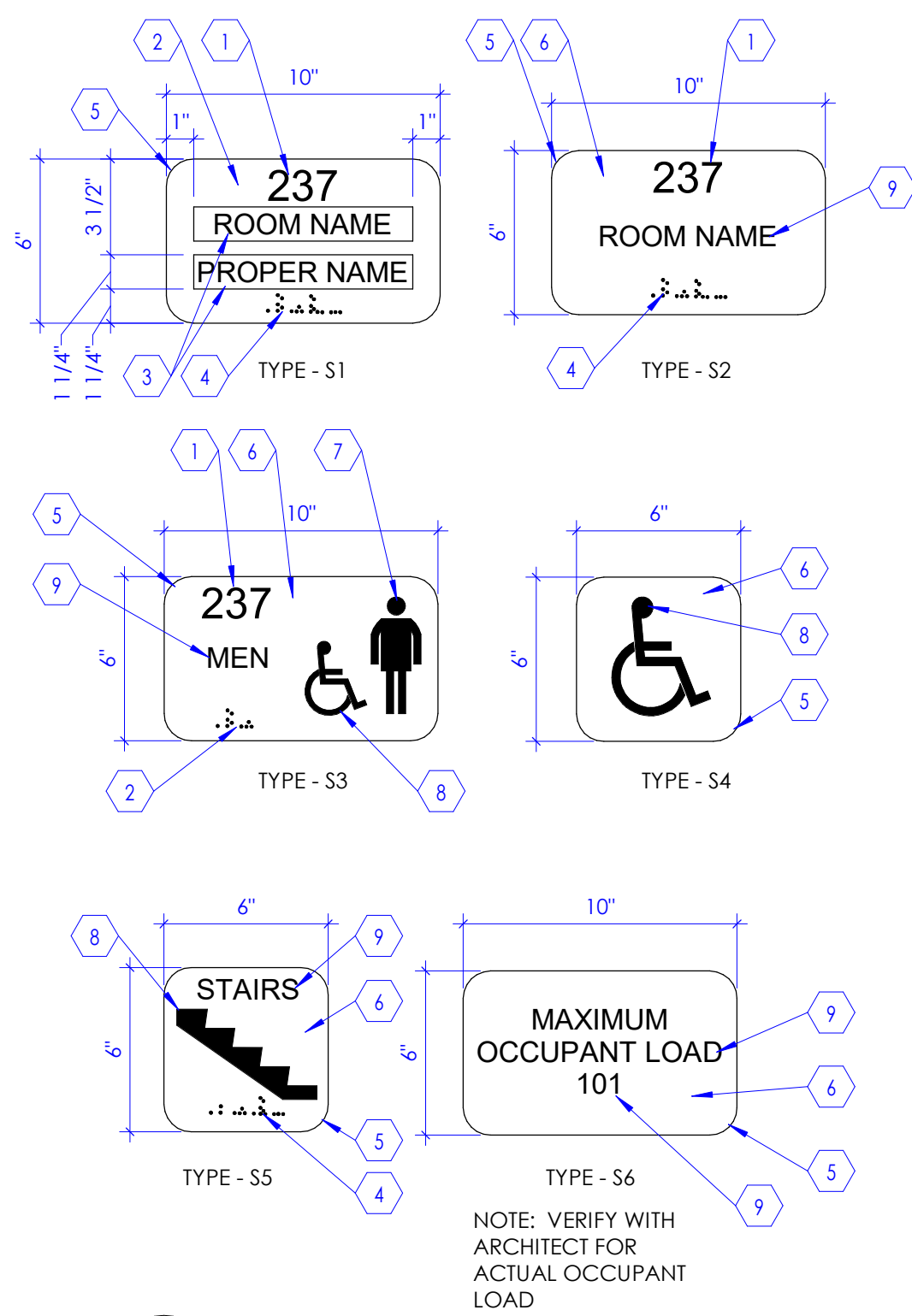
1 Site Plan - Overall
SCALE: 1/16" = 1'-0"



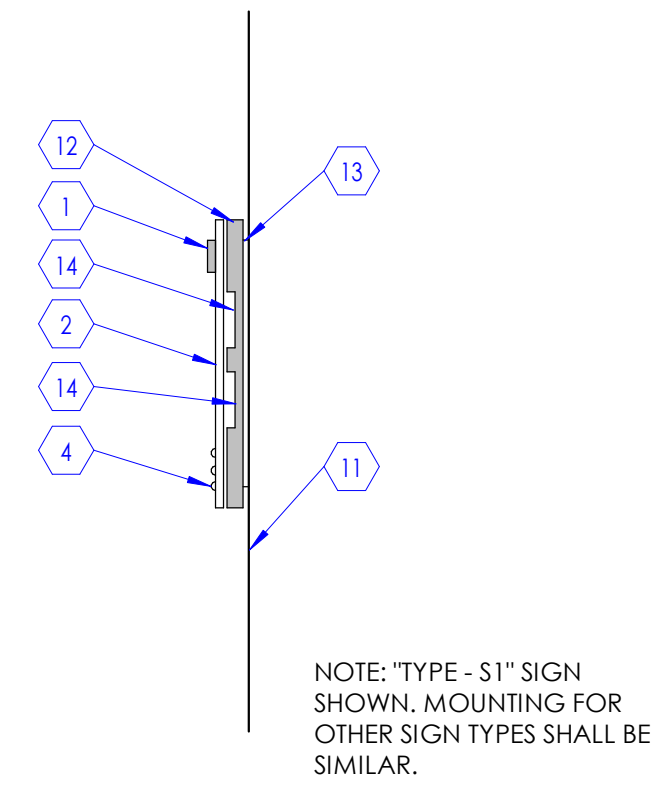
KEYED NOTES

- ROOM NUMBER (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
- MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL (WITH TRANSPARENT WINDOW) ATTACHED TO BASE PANEL.
- TRANSPARENT WINDOW FOR TEXT INSERT (HELVETICA FONT); TEXT INSERT SHALL BE FURNISHED AND INSTALLED BY SIGN CONTRACTOR.
- BRAILLE CHARACTERS AS PER ADA (AMERICANS WITH DISABILITIES ACT) REQUIREMENTS DENOTING ROOM NUMBER AND NAME.
- RADIUS CORNER: 1" TYPICAL.
- MATTE FINISHED OPAQUE ACRYLIC FRONT PANEL ATTACHED TO BASE PANEL.
- PROVIDE APPROPRIATE SYMBOL FOR MEN, WOMEN, UNISEX, BOYS AND GIRLS TOILET ROOM AS OCCURS.
- PROVIDE APPROPRIATE SYMBOL FOR STAIR, DISABLED SIGN, ETC., AS INDICATED.
- ROOM NAME (1/32" RAISED TEXT CHARACTERS, HELVETICA FONT, MATTE FINISHED OPAQUE ACRYLIC SHEET) ATTACHED TO FRONT PANEL.
- PROVIDE DISABLED SYMBOL AS INDICATED IN THE SIGN FOR ALL ROOMS THAT ARE WHEEL CHAIR ACCESSIBLE.
- LINE OF WALL.
- MATTE FINISHED, OPAQUE ACRYLIC SHEET BASE PANEL ATTACHED TO SHIM PLATE.
- SHIM PLATE: ALUMINUM, 1/4" THICK, CONCEALED, WITH PRE-DRILLED HOLES FOR COUNTERSUNK FASTENERS, USE APPROPRIATE FASTENERS DEPENDING ON THE SUBSTRATE.
- RECESS 1/16" FOR TEXT INSERT, FOR SIGN "TYPE - S1" ONLY.
- SIGNAGE, O.F.O.I.
- SIGN AT ALL ACCESSIBLE LOCATION, O.F.C.I.
- DOOR FRAME, SEE DOOR SCHEDULE.
- DOOR, SEE DOOR SCHEDULE.
- OPENING IN WALL.
- LINE OF FLOOR.

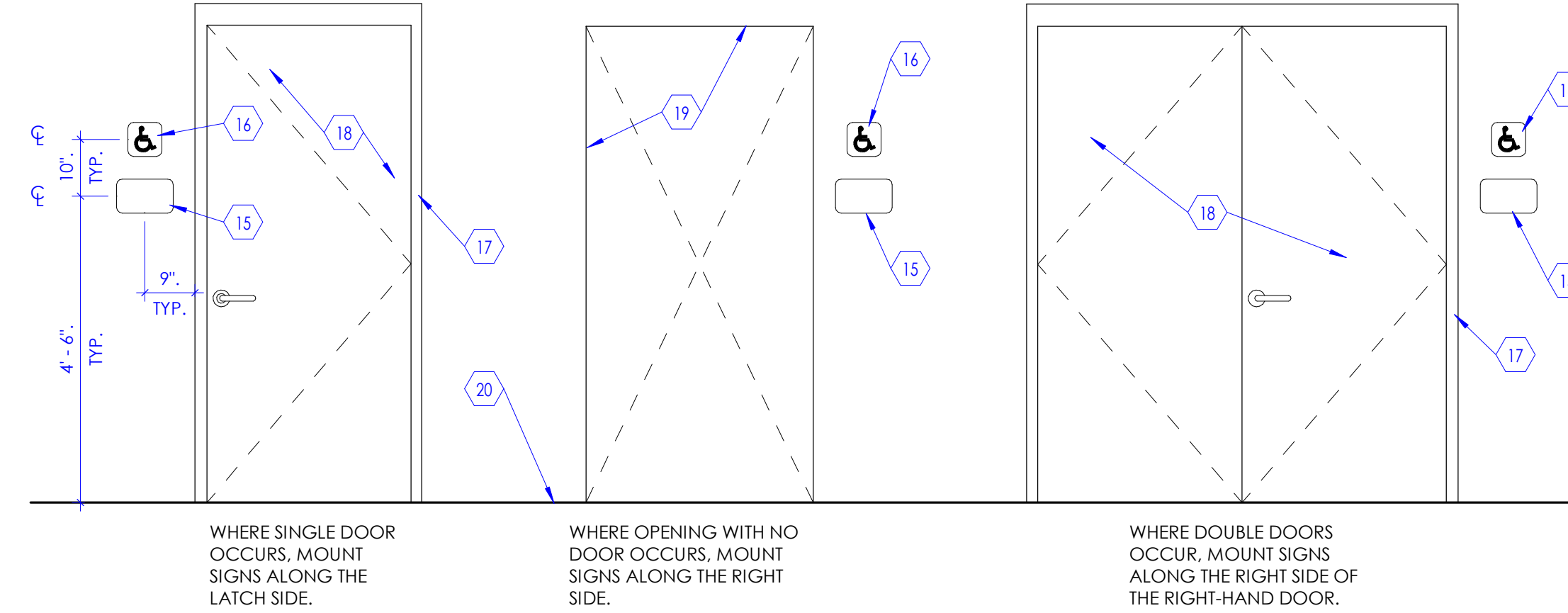
- NOTE:
- PROVIDE ROOM SIGN AT EACH DOORWAY OR A WALL OPENING LEADING TO A ROOM. SEE FINISH FLOOR PLAN FOR REQUIRED NUMBER OF SIGNS, SIGN TYPE, ROOM NAMES, ETC.
 - SIGN CONTRACTOR SHALL COORDINATE WITH OWNER AND PROVIDE TEXT INSERTS FOR OCCUPANTS PROPER NAME FOR ALL "TYPE S1" WALL SIGNS.
 - ALL COLORS SHALL BE SELECTED BY ARCHITECT AND MOUNTED ON WALL OR DOOR PER DETAIL 'B'.



A Sign Types
SCALE: 2" = 1'-0"



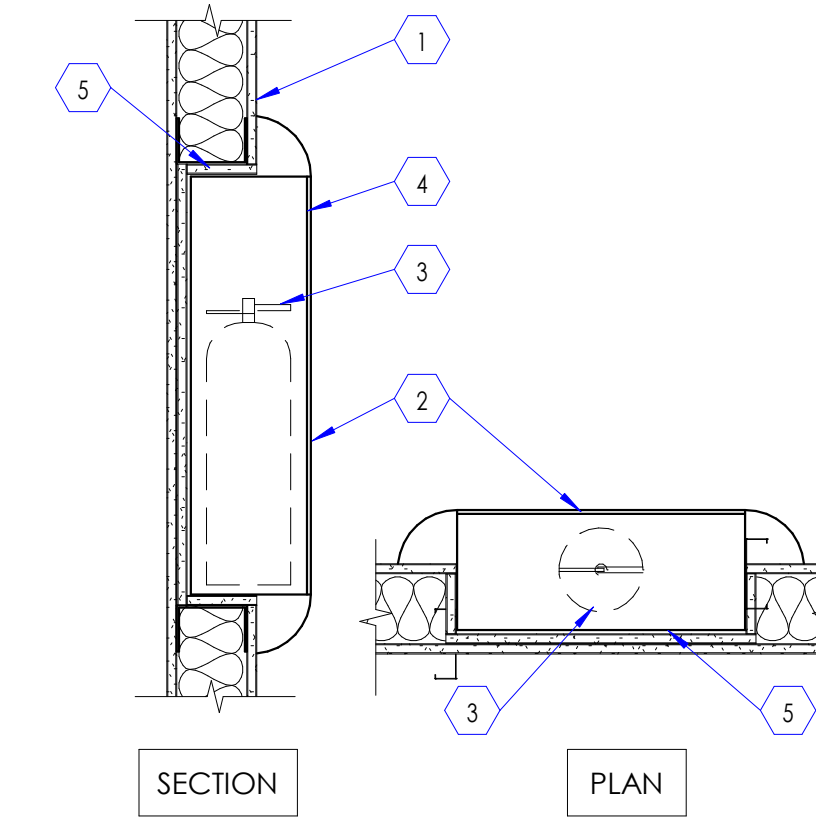
B Sign Mounting
SCALE: 3" = 1'-0"



C Sign Mounting Elevations
SCALE: 1/2" = 1'-0"

KEYED NOTES

- GYPSSUM BOARD, 5/8" THICK, (USE TYPE 'X' IF WALLS ARE FIRE RATED) ATTACHED TO METAL STUD.
- FIRE EXTINGUISHER CABINET, SEMI RECESSED. VERIFY WITH MANUFACTURER FOR ROUGH OPENING SIZE REQUIREMENTS.
- HAND HELD FIRE EXTINGUISHER.
- CABINET DOOR.
- COVER ALL SIDES OF CABINET WITH 5/8" THICK, TYPE 'X' GYPSSUM BOARD.



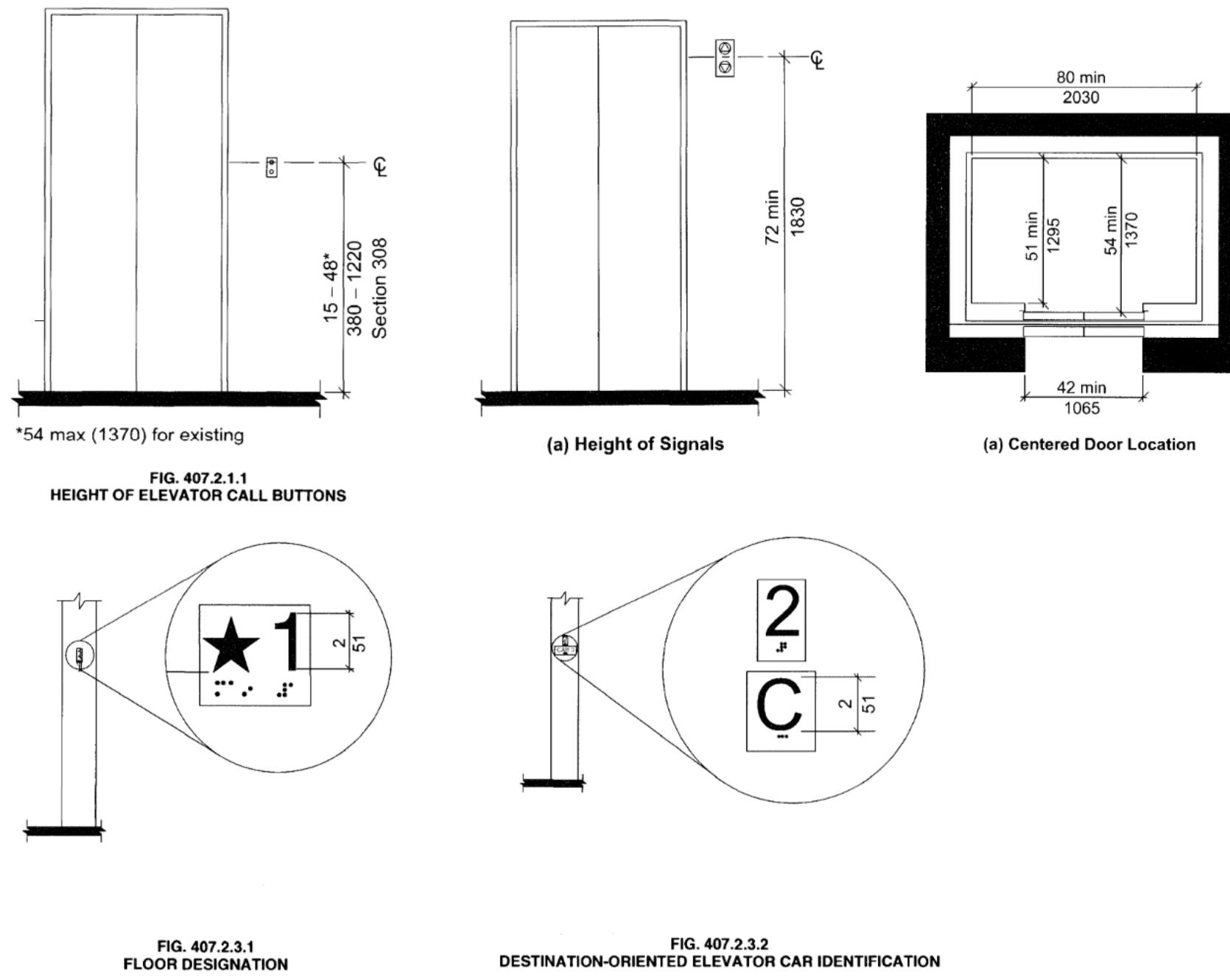
AT GYPSSUM BOARD WALL
FIRE EXTINGUISHER RECESSED CABINET AT GYPSSUM BOARD WALL

2 Fire Extinguisher Cabinet Detail
SCALE: 1" = 1'-0"

1 Room Signage Detail

NOTE: SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED

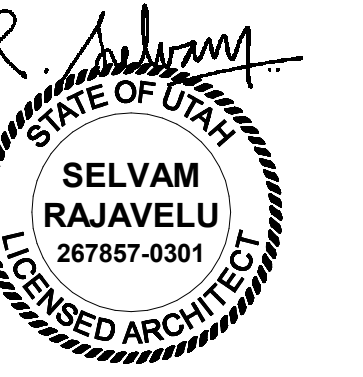
SCALE: N.T.S.



3 Existing Elevator ADA Requirements

NOTE:
CONTRACTOR TO VERIFY COMPLIANCE OF EXISTING ELEVATORS TO ADA STANDARDS. SEE ICC A117.1 2009 - SECTION 407 ELEVATORS FOR MORE INFORMATION.

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



DOOR SCHEDULE

DOOR #	# OF PANELS	DOOR				FRAME			DETAILS			DOOR #	FIRE RATING (MINUTES)	HARDWARE GROUP	COMMENTS	
		W1	W2	HEIGHT	THICKNESS	MATERIAL	TYPE (1/A601A)	DEPTH	MATERIAL	JAMB	HEAD					THRESHOLD
A202A	1	3' - 6"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A202A		6	
A203A	1	3' - 6"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A203A		6	
A204A	1	3' - 6"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A204A		4	
A205A	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A205A		4	
A206A	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A206A		6	
A207A	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A207A		2	
A208A	1	3' - 6"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	2/A504A	A208A		1	1
A209A	1	3' - 0"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	2/A504A	A209A		3	
A211A	1	3' - 0"		7' - 0"	1 3/4"	WD	A	1	5 7/8"	HM	1/A504A	2/A504A	A211A		6	
A212A	1	3' - 0"		7' - 0"	1 3/4"	WD	B	1	5 7/8"	HM	1/A504A	2/A504A	A212A		6	
A213A		3' - 7 1/4"		7' - 0"			F			ALUM	1/A504A	2/A504A	A213A		5	1, 2

COMMENTS

- DOOR NEEDS TO BE LOCKABLE. SEE DOOR HARDWARE SET.
- SLIDING BARN DOOR.

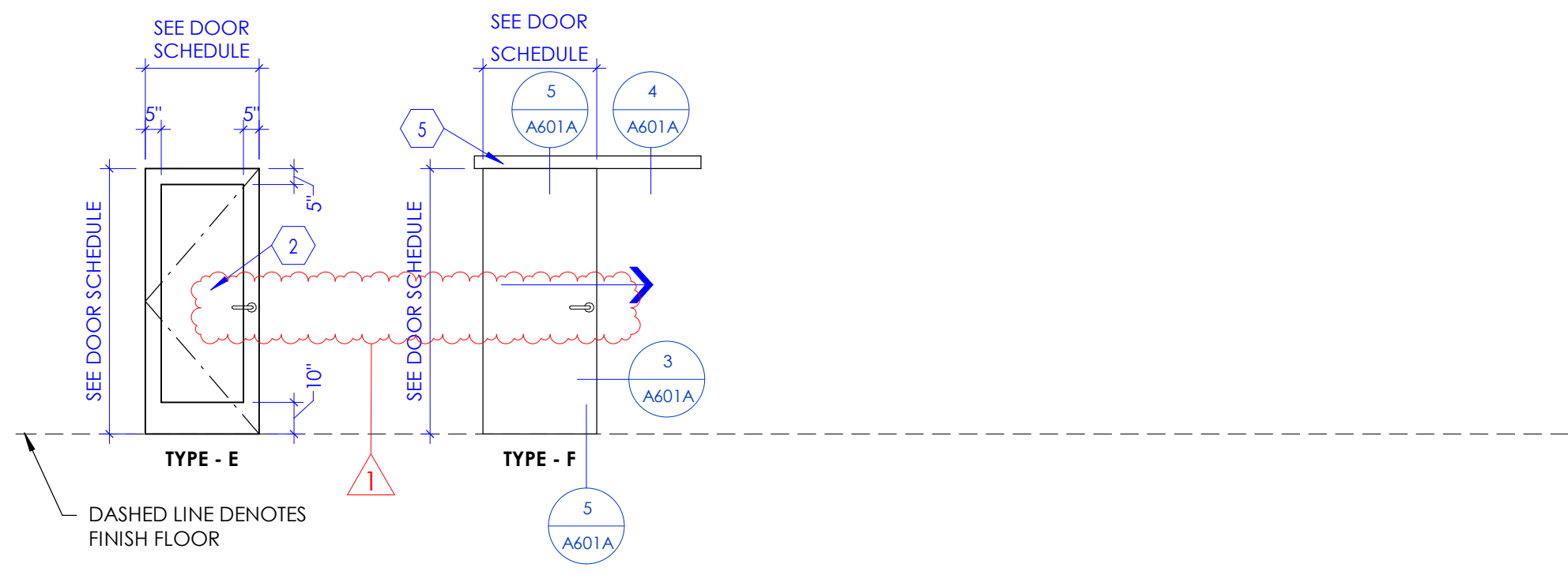
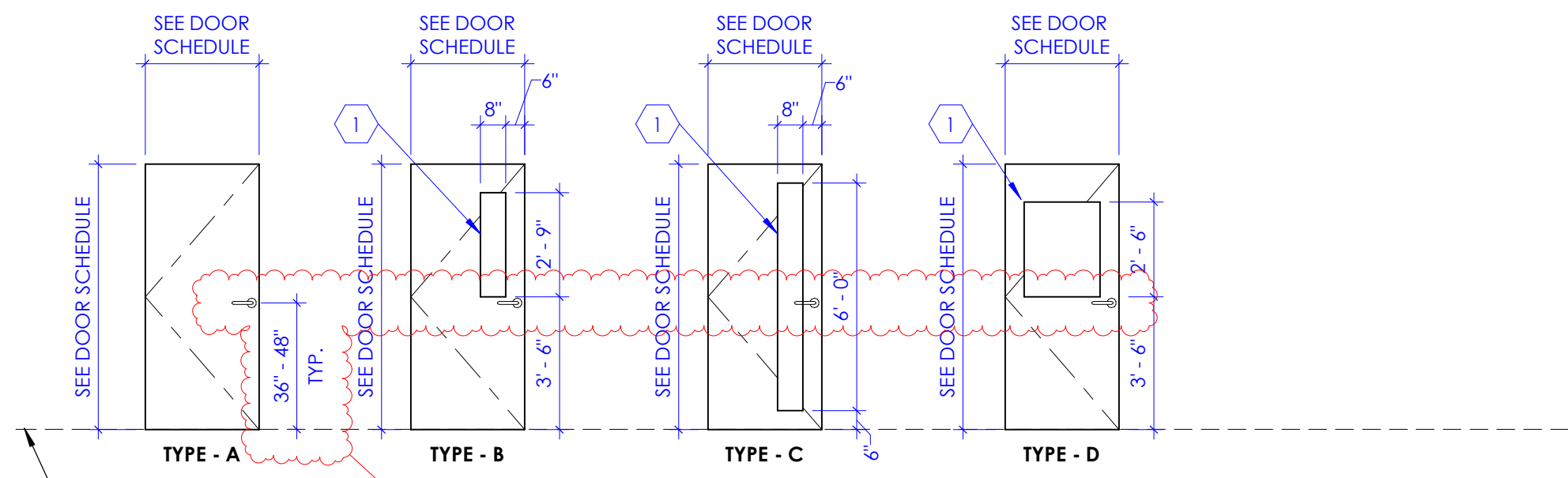
DOOR HARDWARE

SET	DESCRIPTION	QTY	UNIT	MANUFACTURER	MODEL	FINISH	GROUP	COMMENTS
SET 1	CONTINUOUS HINGE	FM300	US32D	MA				
	EXIT DEVICE (RIM, CLASSROOM)	ED5200 N955	626	RU				
	CYLINDER	3003	626	RU				
	CLOSER (SURFACE)	DC6210	689	RU				
	KICKPLATE	K1050 10" X LDW 38E CSK	US32D	RO				
SET 2	HINGE	TA2714 4-1/2" x4-1/2"	US26D	MK				
	CYLINDRICAL LOCK (STOREROOM)	CL3357 NZD	626	RU				
	CLOSER (SURFACE)	DC6210	689	RU				
	KICKPLATE	K1050 10" X LDW 38E CSK	US32D	RO				
	WALL STOP	409	US32D	RO				
SET 3	HINGE	TA2714 4-1/2" x4-1/2"	US26D	MK				
	CYLINDRICAL LOCK (OFFICE)	CL3357 NZD	626	RU				
	CLOSER (SURFACE)	DC6210	689	RU				
	KICKPLATE	K1050 10" X LDW 38E CSK	US32D	RO				
	WALL STOP	409	US32D	RO				
SET 4	HINGE	TA2714 4-1/2" x4-1/2"	US26D	MK				
	CYLINDRICAL LOCK (PRIVACY)	CL3357 NZD	626	RU				
	WALL STOP	409	US32D	RO				
	GASKETING	S773D		PE				
	GASKETING	S773D		PE				
SET 5	HINGE	TA2714 4-1/2" x4-1/2"	US26D	MK				
	CYLINDRICAL LOCK (STOREROOM)	CL3357 NZD	626	RU				
	CLOSER (SURFACE)	DC6210	689	RU				
	KICKPLATE	K1050 10" X LDW 38E CSK	US32D	RO				
	WALL STOP	409	US32D	RO				

City Required Note:
1. Door hardware shall meet the requirements of IBC 1010.1.9.1. Hardware shall not require pinching, tight grasping, or twisting of the wrist in order to operate.
2. Install door hardware in accordance with IBC 1010.1.9.2. All locks, door handles, pulls, latches, or other operating hardware is required to be located between 36 and 48 inches above finished floor.

KEYED NOTES

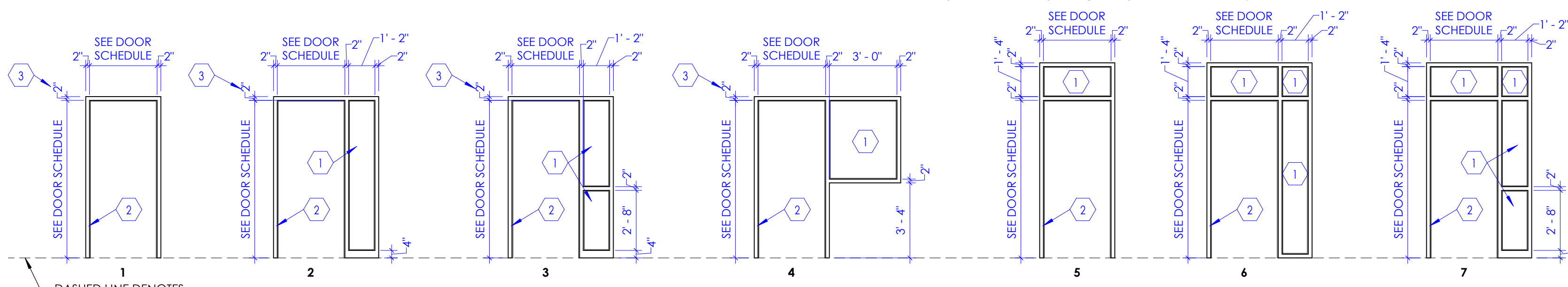
- VISION PANEL, GLAZING IN VISION PANEL SHALL BE 1/4" THICK, CLEAR, TEMPERED, GLAZING FOR WOOD DOOR. PROVIDE WOOD TRIM FRAME FLUSH WITH THE FACE OF THE DOOR. AROUND THE VISION PANEL OPENING, STAIN AND SPECIES OF WOOD TRIM SHALL MATCH WOOD DOOR. FOR HOLLOW METAL DOOR, PROVIDE METAL TRIM AROUND VISION PANEL. GLAZING SHALL BE FIRE RATED IF DOORS ARE REQUIRED TO BE FIRE RATED.
- FOR EXTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE TINTED, INSULATED, TEMPERED, LOW E, AND 1" THICK. FOR INTERIOR DOORS OF THIS TYPE, GLAZING SHALL BE CLEAR, TEMPERED AND 1/4" THICK. STAINLESS STEEL WELDED WIRE MESH (15 GAUGE) ATTACHED TO DOOR. PROVIDE FRAME AROUND THE OPENING IN DOOR TO SECURE THE MESH IN PLACE.
- METAL LOUVER IN DOOR FOR VENTILATION.
- METAL TRACK HARDWARE FOR BARN DOOR.



1 Door Types NOTE: REFER TO "DOOR SCHEDULE" TABLE FOR DOOR TYPES REQUIRED FOR THIS PROJECT. SOME DOOR TYPE ELEVATIONS INDICATED ABOVE, MAY NOT BE APPLICABLE TO THIS PROJECT.
SCALE: 1/4" = 1'-0"

KEYED NOTES

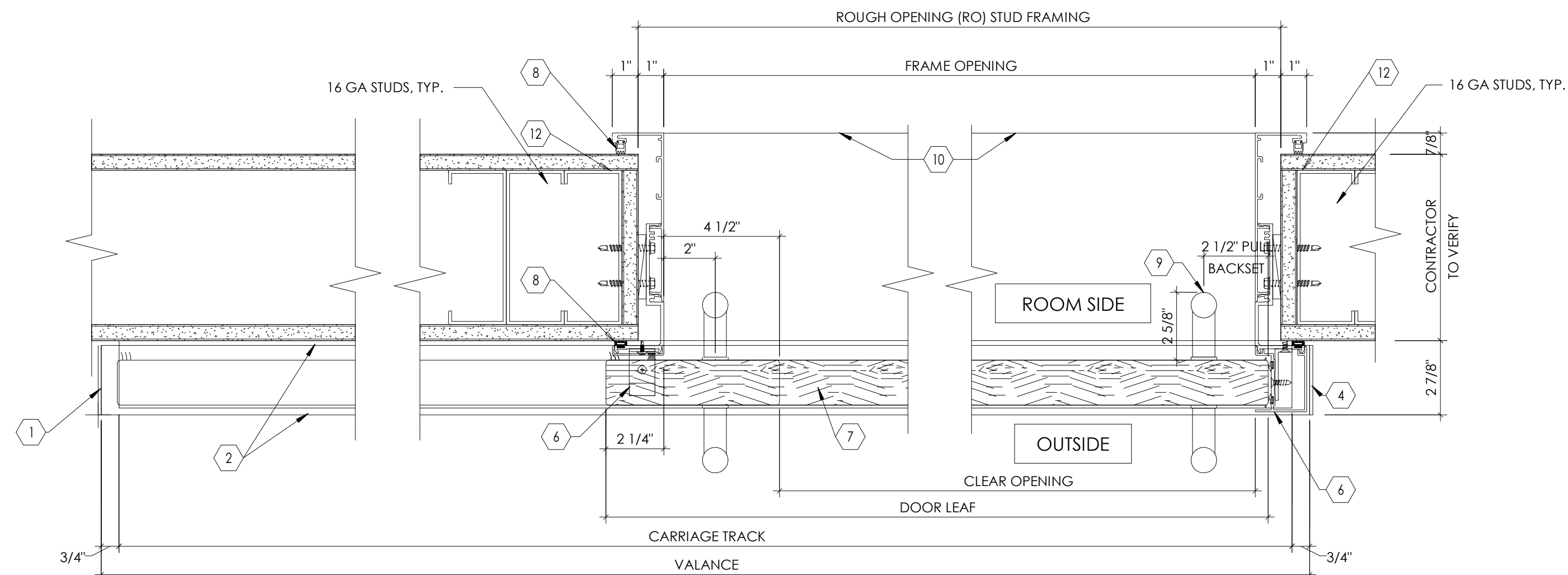
- GLAZING SHALL BE CLEAR, TEMPERED, AND 1/4" THICK.
- DOOR FRAME. SEE DOOR SCHEDULE.
- WHERE DOOR OCCURS AT MASONRY WALL (8" HIGH, C.M.U. BLOCKS), AND WITH A TYPICAL DOOR HEIGHT OF 7'-0", USE 4" FRAME AS FRAME HEAD INSTEAD OF THE STANDARD 2" FRAME.



2 Frame Types NOTE: REFER TO "DOOR SCHEDULE" FOR FRAME TYPES REQUIRED FOR THIS PROJECT. SOME FRAME TYPE ELEVATIONS INDICATED ABOVE MAY NOT BE APPLICABLE TO THIS PROJECT.
SCALE: 1/4" = 1'-0"

KEYED NOTES

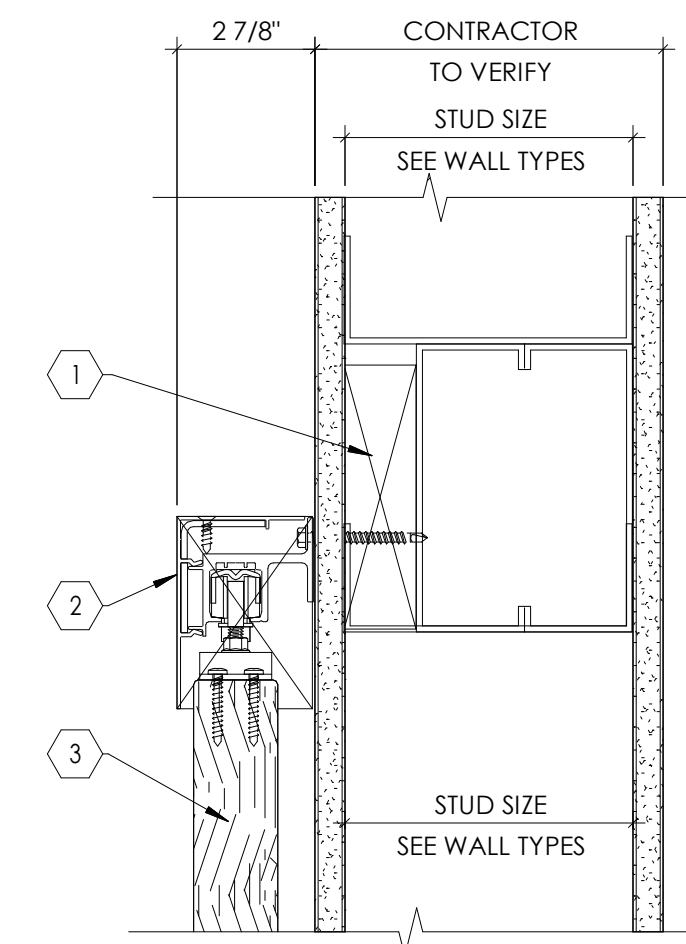
- VALANCE WITH END CAPS PER MFR.
- LINE OF VALANCE ABOVE.
- CLOSER & CARRIAGE TRACK PER MFR.
- ALUMINUM DOOR FRAME PER MFR.
- BOTTOM TRACK PER MFR.
- SILL GUIDE PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.
- EPDM GASKET BOTH SIDES PER MFR.
- BACK TO BACK 1" Ø LADDER PULLS.
- LINE OF FRAME ABOVE.
- STILE POCKET PER MFR.
- FOR JAMB FRAMING CONDITION SEE DETAIL 2/A506B. PROVIDE 16GA STUDS AT JAMBS AS OPPOSE TO 18GA AS CALLED OUT ON DETAIL 2/A506B.



3 Barn Door Plan View Detail
SCALE: 3" = 1'-0"

KEYED NOTES

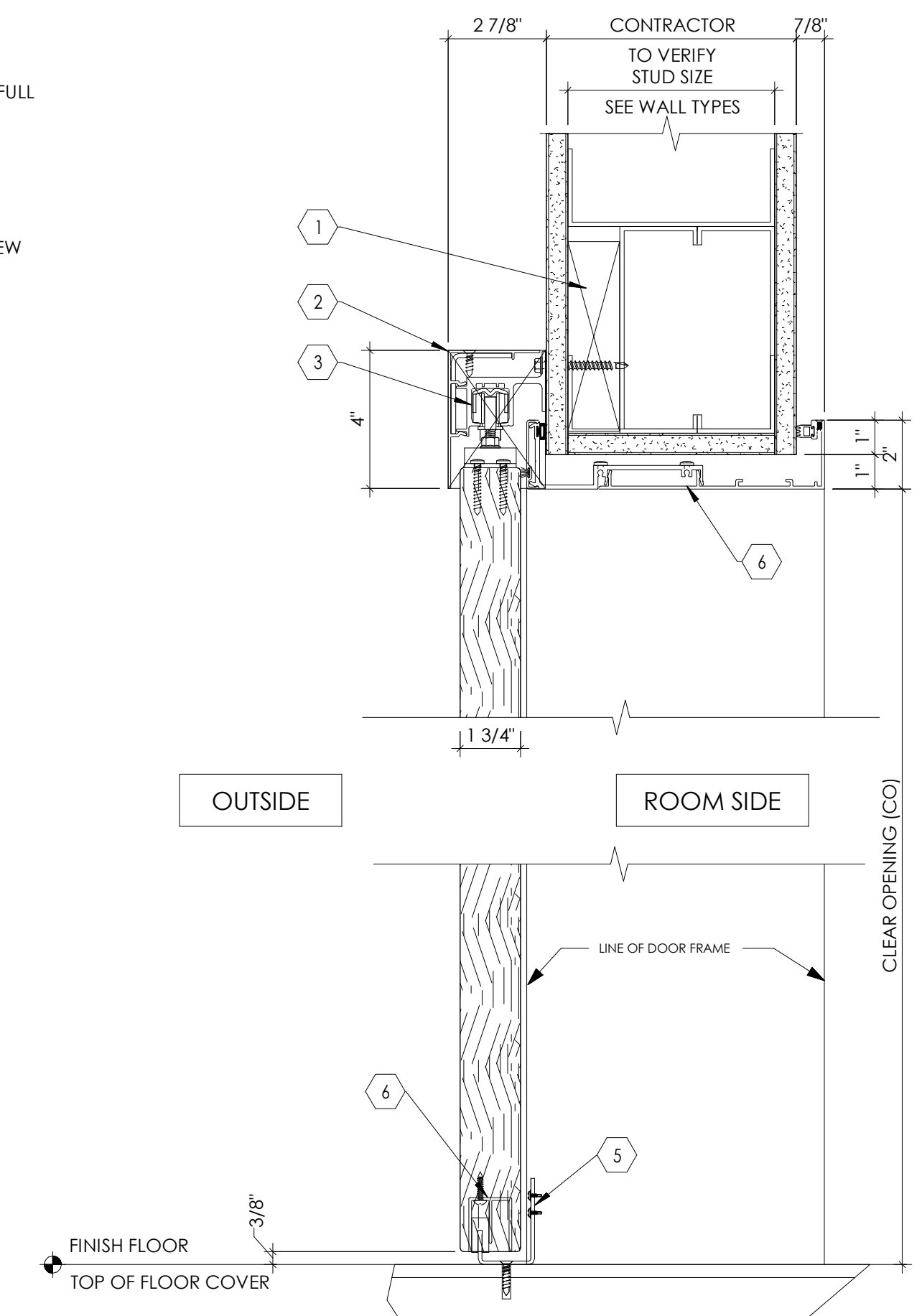
- 2 x 6 x CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.



4 Barn Door Frame @ Wall
SCALE: 3" = 1'-0"

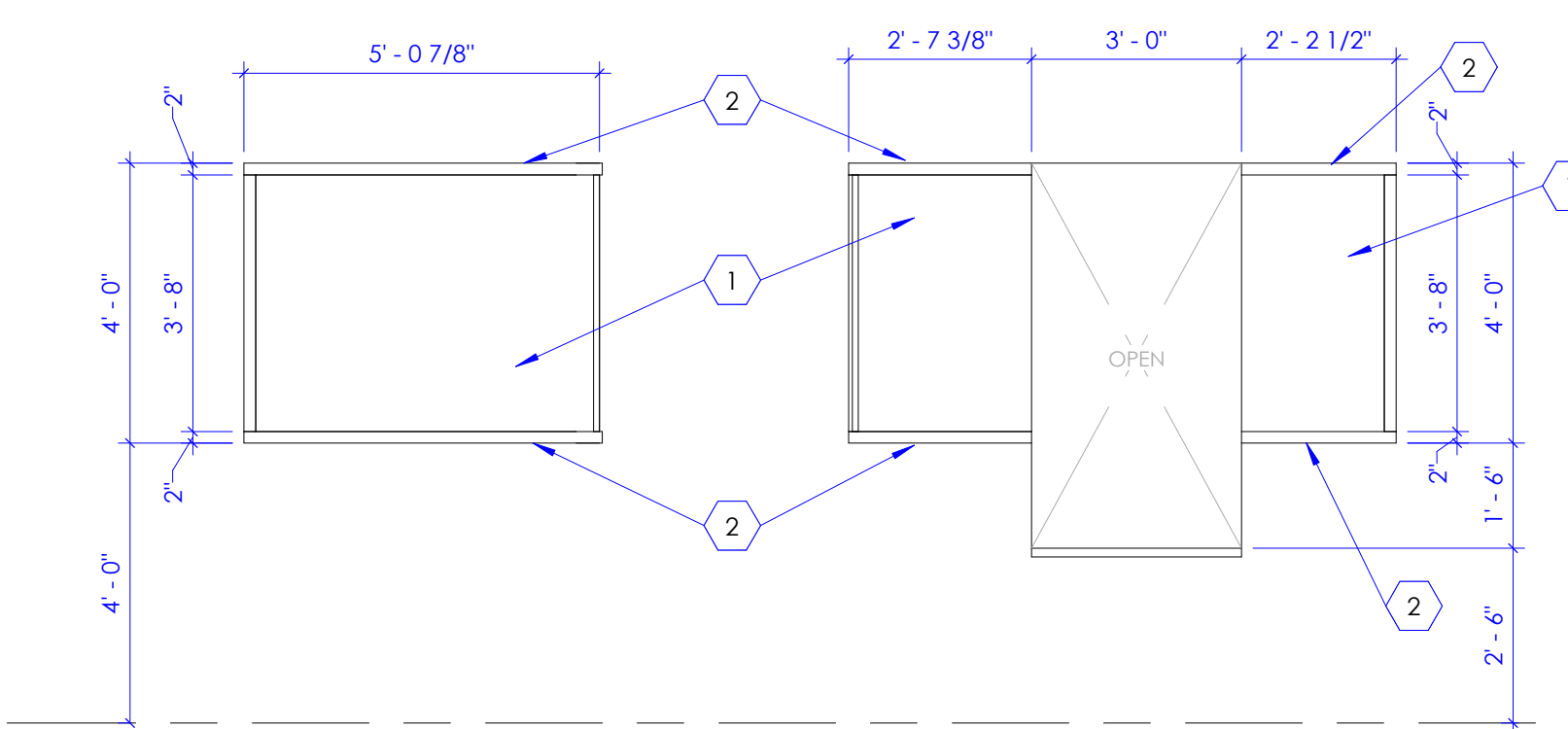
KEYED NOTES

- 2 x 6 x CONT. FIRE TREATED WOOD BLOCKING FOR THE FULL LENGTH OF VALANCE PLUS 6" ON EITHER SIDE.
- VALANCE WITH END CAPS PER MFR.
- CLOSER & CARRIAGE TRACK PER MFR.
- ALUMINUM DOOR FRAME PER MFR.
- BOTTOM TRACK PER MFR.
- SILL GUIDE PER MFR.
- DOOR. SEE DOOR SCHEDULE. FINISH TO MATCH ALL NEW DOORS IN THE PROJECT.

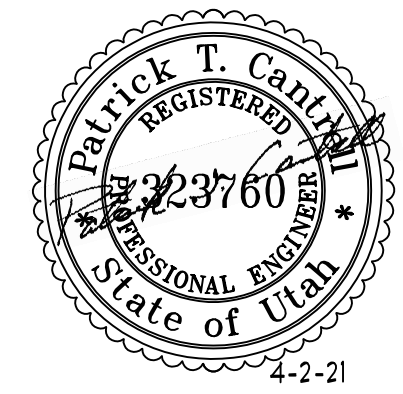


5 Door Frame Section Detail
SCALE: 3" = 1'-0"

6 Window A
SCALE: 3/8" = 1'-0"



- KEYED NOTES**
- 1/4" THICK LAMINATED GLAZING, ROUNDED AND POLISHED EDGES REQUIRED AT THE EXPOSED GLASS EDGES.
 - ALUMINUM-FRAMED GLAZED INTERIOR WINDOW SYSTEM SHALL BE 2' X 4 1/2" SATIN ANODIZED FINISH.



PLUMBING FIXTURE CONNECTION SCHEDULE						
PLAN CODE	DESCRIPTION	CONNECTION SIZE				SPECIFICATIONS
		COLD WATER	HOT WATER	WASTE	VENT	
WC	WATER CLOSET	1 1/2"	N/A	3"	2 1/2"	KOHLER: K-96057-B (HIGHCLIFF ULTRA) WITH KOHLER: K-7531-CP FLUSHMETER AND KOHLER: K-4650-A-O SEAT.
LAV	LAVATORY WALL HUNG	1/2"	1/2"	1 1/2"	1 1/4"	TOTO PROMINENCE LT242G01, ADA FAUCET: TOTO - ECO POWER SENSOR FAUCET WITH RYCHAN SPOUT - TEL105-C20E. PROVIDE TRAP: KOHLER: K-8938, PROVIDE SUPPLIES AND STOPS. PROVIDE W/ TRAP GUARD FOR ADA INSTALLATION AND TOTO TL100R THERMOSTATIC MIXING VALVE.
SS	SERVICE SINK	3/4"	3/4"	3"	2 1/2"	FIAT: T9B3000 WITH 830AAA, 832AA, 1239BB, M&G AND M9G3636, INSTALL TO MEET MANUFACTURE REQUIREMENTS.
SINK	SINK S.S.	1/2"	1/2"	1 1/2"	1 1/4"	SINK: JUST MODEL 9L-17519-B-GR W/ JB-35 DRAIN FAUCET: CHICAGO FAUCET MODEL 1100-GN2AE3-317VPHCP WITH POWERS HYDRO GUARD 490 MIXING VALVE, PROVIDE W/ STOPS, TRAP AND SUPPLIES.
B-SINK	SINK S.S.	1/2"	1/2"	1 1/2"	1 1/4"	SINK: JUST MODEL 9L-2122-A-GR W/ JB-35 DRAIN FAUCET: CHICAGO FAUCET MODEL 1100-GN2AE3-317VPHCP WITH POWERS HYDRO GUARD 490 MIXING VALVE, PROVIDE W/ STOPS, TRAP AND SUPPLIES.
IMB	ICE MAKER BOX	1/2"	N/A	N/A	N/A	LSP - MODEL 08-803 FOR NON FIRE-RATED WALLS. LSP - MODEL 08F8-8030 FOR FIRE-RATED WALLS.
FD	FLOOR DRAIN	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 2005 W/ A05NB NICKEL/BRONZE STRAINER. PROVIDE W/ MIFAB M-500 SERIES TRAP PRIMER.
ES	FLOOR SINK	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 3140-12-Y W/ NICKEL/BRONZE TOP/ 1/2 GRATE. PROVIDE W/ PRO VENT T95630-F-P TRAP GUARD. (# BEING THE SIZE OF DRAIN (PIPE SIZE)).
WCO	WALL CLEAN OUT	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 4530.
FCO	FLOOR CLEAN OUT	N/A	N/A	SEE PLANS	N/A	J. R. SMITH 4106.
WHA	ARRESTORS WATER HAMMER	A5 REQUIRED	A5 REQUIRED	N/A	N/A	J. R. SMITH 5020.

* NOTE: FOR ALL ADA COMPLAINT SINKS / LAVS CONTRACTOR NEEDS TO PROVIDE / INSTALL TRAP GUARDS FOR ALL EXPOSED TRAPS AND SUPPLY LINES.

* NOTE: ALL PLUMBING SUPPLY LINE STOPS ARE TO BE INSTALL HORIZONTALLY THROUGH A VERTICAL WALL DIRECTLY BEHIND OR TO THE SIDE OF THE PLUMBING FIXTURE. INSTALLING STOPS VERTICALLY AT THE FLOOR LEVEL OR AT THE BOTTOM OF CABINETS IS NOT ALLOWED.

NOTE: ALL PLUMBING FIXTURES ARE TO HAVE 1/4 TURN STOPS INSTALLED (NO EXCEPTIONS TAKEN). ALL PLUMBING FIXTURES THAT HAVE EXPOSED SUPPLY LINES I.E., WATER CLOSETS, WALL HUNG LAVS, ETC., CONTRACTOR IS TO PROVIDE / INSTALL STAINLESS STEEL BRAIDED HOSES. IF THE SUPPLY LINES ARE NOT EXPOSED (HIDDEN BELOW CASEWORK ETC.), THEY CAN BE PLASTIC, RIGID, OR STAINLESS STEEL BRAIDED.

DIFFUSERS & GRILLE SCHEDULE							
PLAN CODE	TYPE & DUTY	NECK SIZE	CEILING TYPE	N.C. LEVEL MAX	MAX. CFM	MANUFACTURER & MODEL NO.	REMARKS
1	8" SUPPLY	8"	See Plans	28	310	FRICE: 8" / RCDE	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
2	10" SUPPLY	10"	See Plans	26	435	FRICE: 10" / RCDE	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
3	12" SUPPLY	12"	See Plans	30	705	FRICE: 12" / RCDE	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
4	14" SUPPLY	14"	See Plans	30	940	FRICE: 14" / RCDE	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
5	SQUARE SUPPLY	6"	See Plans	-	118	FRICE: 6" / 12x12 / ASCDA	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
6	SQUARE SUPPLY	8"	See Plans	28	279	FRICE: 8" / 12x12 / ASCDA	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
7	SQUARE SUPPLY	8"	See Plans	26	314	FRICE: 8" / 24x24 / AFDC / 3 / B12	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
8	SQUARE SUPPLY	12"	See Plans	24	540	FRICE: 12" / 24x24 / AFDC / 3 / B12	# FINISH TO BE COORDINATED WITH ARCHITECT/ OWNER
9	RETURN	10" x 22"	See Plans	10	610	FRICE: 22" x 10" / 24" x 12" / FDDR / 3 / B12	PROVIDE W DUCT COLLAR
10	RETURN	22" x 22"	See Plans	10	1220	FRICE: 22" x 22" / 24" x 12" / FDDR / 3 / B12	PROVIDE W DUCT COLLAR
11	EXHAUST	6"	See Plans	16	180	FRICE: 6" / 12" x 12" / FDDR / 2 / B12	PROVIDE OBD

PUMP SCHEDULE - RP										
PLAN CODE	DUTY	GPM	FEET OF HEAD	MOTOR RPM	% GLYCOL	MOTOR			MANUFACTURER & MODEL NO.	REMARKS
						H.P.	EFF. %	VOLTAGE & PHASE		
RP	DOMESTIC HOT WATER RECIRC.	1.5	25	3250	0	1/6	N/A	120 / 1	GRUNDFOS UPI5-14BA FM	BRASS FITTED

WATER HEATER SCHEDULE WH-											
PLAN CODE	INPUT (MBH)	RECOVERY RATE (GAL/HR)	TEMP RISE (°F)	DIMENSIONS #	CAP. GAL.	AIR INTAKE & VENT SIZE	ELECTRICAL		THERMAL EFFICIENCY	MANUFACTURER & MODEL NO.	REMARKS
							VOLT & PHASE	AMPS			
WH-1	199	235	100	D X H 27.75" X 77"	100	4"	120 / 1	3	97%	A.O.SMITH BTH-199	PROVIDE AND INSTALL 5 GAL. EXPANSION TANK, CONDENSATE NEUTRALIZATION KIT (100209339) AND CONCENTRIC VENT KIT (100111100).

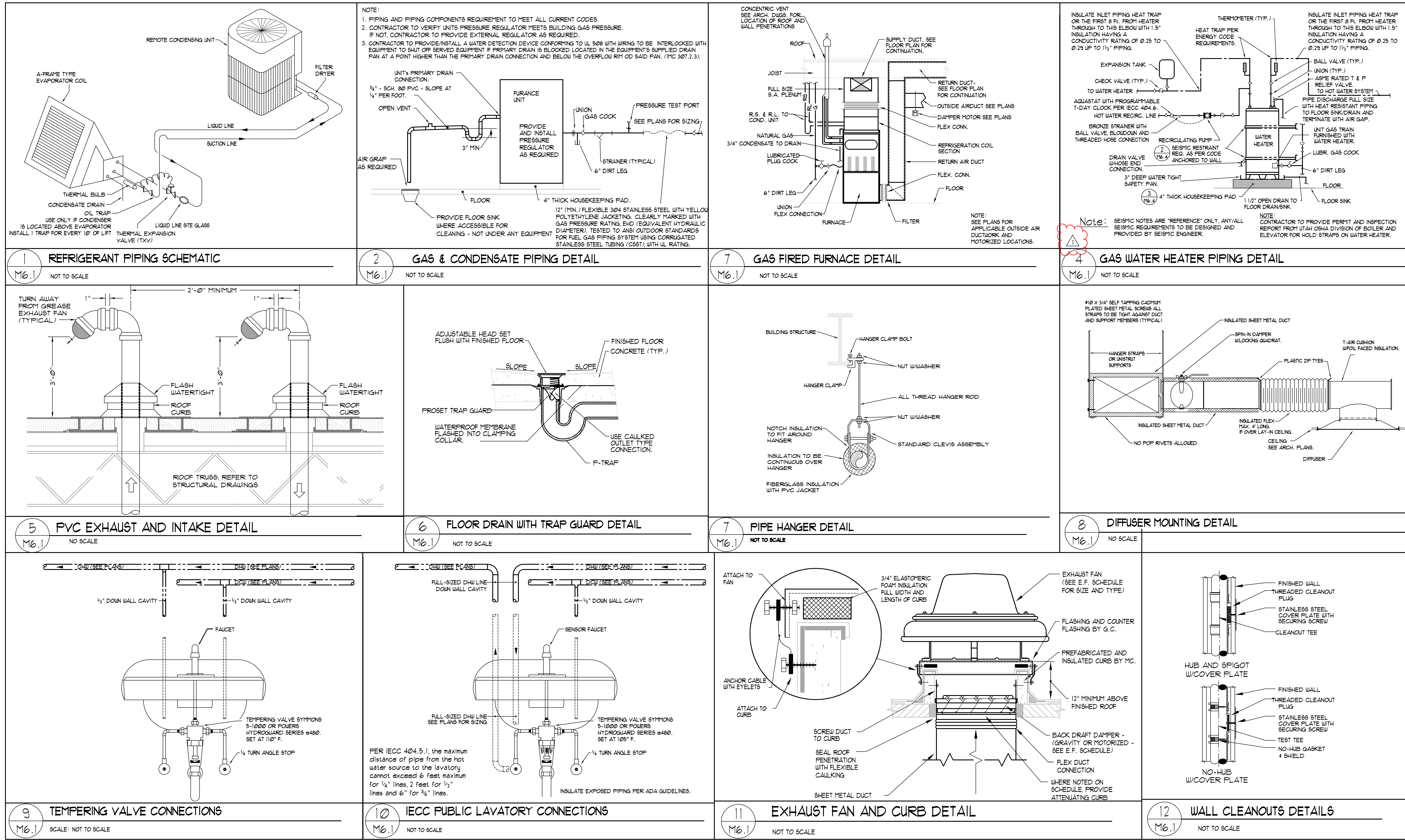
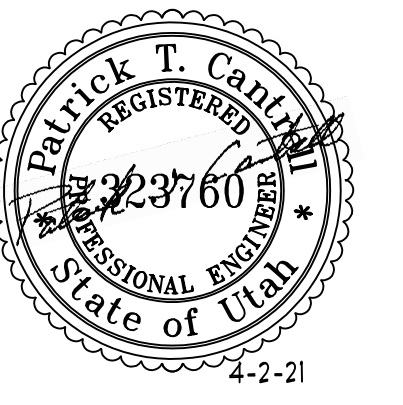
CONTRACTOR TO SIZE FLUES AND UP-SIDED AS REQUIRED BY MEET MANUFACTURES EQUIVALENT PIPING LENGTHS - MEET MANUFACTURES AND CODE REQUIREMENTS.

EXHAUST AIR FAN SCHEDULE (EF)												
PLAN CODE	TYPE	CAPACITY CFM @ ELEV.	T&P @ ELEV. (in. W.G.)	FAN RPM	MOTOR		METHOD OF CONTROL	OPENING (IN.)	DAMPER (GRAVITY OR MOTOR)	OPER. WEIGHT (lbs)	MANUFACTURER & MODEL NO	REMARKS
					H.P.	VOLTAGE & PHASE						
EF-1	ROOF	330	0.5"	1550	1/4	120 / 1	M.C. PROVIDED/INSTALLED TIME CLOCK	12.5" x 12.5"	GRAVITY	30	GREENHECK G-103-VG/G-X	PROVIDE 14" HIGH FACTORY CURB.

REMOTE CONDENSING UNIT RCU-										
PLAN CODE	WEIGHT (LBS.)	COND. FAN CFM	TOTAL COOLING CAPACITY MBH	ENTERING AIR (°F)	VOLT/PH	MAX FUSE SIZE	FAN HP	SEER	MANUFACTURER & MODEL NO	ACCESSORIES

FURNACE SCHEDULE F-															
PLAN CODE	CFM (ALT.)	ESP (ALT.) WC	WINTER		HEATING CAPACITY MBH (INPUT)	SUMMER			TOTAL COOLING CAPACITY MBH	CONTROL	FAN HP	VOLT/PH	CONCENT. VENT DIA.	MANUFACTURER & MODEL NO	ACCESSORIES
			EAT DB	LAT DB		EAT DB	EAT UB	LAT DB							
F-1	2,000	0.5	55	107	100	80	63	55	60	TXV	3/4	120/1	2 1/3"	DAIKIN DM36VCI0050A1A - CAPT4860D6	PROVIDE CONCENTRIC TERMINATION KIT, APRILAIR 1510 WITH MERY 13 (513) FILTER, 7 DAY PROGRAMMABLE - AUTO CHANGE OVER THERMOSTAT, LINE SET KIT, FACTORY 4 OZ. GAS TRAIN AND TXV KIT.

CONTRACTOR TO SIZE FLUES AND UP-SIDED AS REQUIRED BY MEET MANUFACTURES EQUIVALENT PIPING LENGTHS - MEET MANUFACTURES AND CODE REQUIREMENTS.



Northpointe Medical Park
TI for LabCorp

2400 North 400 East
Tocolee, Utah 84000

NJRA Project # 21002.00
April 2, 2021

Mechanical
Details

M6.1