ADDENDUM NO. 02 **Date of Addendum:** September 8th, 2026

Project: SUNY Broome Community College
Decker Hall – Dental Renovations
907 Front Street
Binghamton, NY 13905

LaBella Project #2224432.01

Owner: SUNY Broome Community College
Binghamton, NY 13905

THIS ADDENDUM IS ISSUED PRIOR TO THE EXECUTION OF THE CONTRACT AND IS INTENDED TO MODIFY AND/OR INTERPRET THE BIDDING DOCUMENTS BY ADDITION, DELETION, CLARIFICATIONS, AND/OR CORRECTIONS. CONTRACTOR SHALL ACKNOWLEDGE IN THE BID PROPOSAL, RECEIPT OF THIS ADDENDUM.

ADMINISTRATIVE:

2.1 PRE-BID WALK-THROUGH:

a. Pre-Bid walk throughs were held on **Tuesday, August 25th at 10 am and 1pm**.
   i. The Pre-Bid sign-in sheets are attached.

2.2 REMINDERS:

a. **No RFIs or questions will be accepted after Tuesday, September 11th, 2026 at 2:00pm.**
b. **Bids will be accepted until September 23rd, 2026 at 2:00pm.**
c. **Bids will be publicly opened and read on September 23rd, 2026 at 2:30pm.**

2.3 Revised Patterson Dental Equipment and Construction Schedule attached.

RFI RESPONSES:
(Note: RFIs 1 and 2 were answered in ADDENDUM NO. 01)

2.1 Revision to RFI No. 1: Question: Are there digital documents available? **Answer:** No.

a. **Revision: After further consideration, SUNY Broome CC has decided to make digital files available to contractors who purchase a set of paper bid documents. When you pick up your drawings and specs a flash drive with the bid documents will be provided at no extra cost.**
b. **If a contractor has already purchased bid documents previously and would like a copy of the digital files, please get in touch with Randy Campbell from SUNY Broome CC and he will provide you with a flash drive containing the bid documents at no extra charge.**

2.2 RFI No. 3: Question: (1) NELCORP Electrical Contracting Group (08/24/26): I do not find a light fixture schedule for this project.

a. **Response:** Refer to attached Drawing SKE-601.-1 (ELECTRICAL SCHEDULES) for:
   i. LUMINAIRE SCHEDULE
   ii. MECHANICAL EQUIPMENT CONNECTION SCHEDULE
   iii. PANEL SCHEDULE (1CP-2)
   iv. PANEL SCHEDULE (EXISTING PANEL 1LP6)
   v. Refer to attached Specification Section 265119 - LED INTERIOR LIGHTING

2.3 RFI No. 4: Question: (2) NELCORP Electrical Contracting Group (08/25/26): What is the completion date for the project?

a. **Response:** Per spec Section 011150 – Project Schedule: Substantial completion is scheduled for 08/16/27, with owner occupancy on 08/27/27.
b. Also refer to the revised Project Schedule specification included in this addendum, but those dates are not changed as part of the revisions.

2.4 RFI No. 5: Question: (3) NELCORP Electrical Contracting Group (08/25/26): Can we get a panel schedule for the new panel 1CP-2?

a. **Response:** Per spec Section 011150 – Project Schedule: Substantial completion is scheduled for 08/16/27, with owner occupancy on 08/27/27.

2.5 RFI No. 6: Question: (4) NELCORP Electrical Contracting Group (08/25/26): What fire alarm vender services Decker Hall - Johnson Controls the one?

a. **Response:** Refer to Specification Section 283111 (Simplex-Grinnell)

2.6 RFI No. 7: Question: (5) NELCORP Electrical Contracting Group (08/25/26): What access control vendor services Decker Hall?

a. **Response:** Refer to specification Section 281300 (Cbord Access Control)

2.7 RFI No. 8: Question: (1) Lowery Inc. (08/25/26): There are several “pony walls” throughout the project, in the Clinic areas and it seems some type of supports will be required to make these walls rigid. Please provide the requirements for stabilizing these partitions.

a. **Response:** Additional details have been provided. See A101 and A405.

2.8 RFI No. 9: Question: (1) Forno Enterprises (08/28/26): Unable to locate a specification for the interior sliding window type ‘W2’ as shown on sheet A601. What hardware is required for this window? Lock? Pulls? Manual Open/Close?

a. **Response:** Spec section 085113 Aluminum Interior Sliding Service Window is being added to the set as part of this addendum. Drawing A601 has been updated as well to reference the proper spec sections.

2.9 RFI No. 10: Question: (2) Forno Enterprises (08/28/26): Aluminum Storefront specification 084313 mentions thermal storefront frames, but it appears all exterior frames are existing to remain; we did not find any mention of what is required for the interior storefront windows type ‘W1’ & ‘W3’ as shown on sheet A601.

a. **Response:** There is no exterior storefront work in the project scope. ‘W1’ and ‘W3’ to be hollow metal framed window unit with safety glazing. Paint frame to

match door frames. See spec section 081113 for hollow metal framing and 088000 for glazing. Spec section 084313 is removed from the set.

2.10 RFI No. 11: Question: (3) Forno Enterprises (08/28/26): Detail 5/A601 calls for 1" Resin Panel…"; unable to locate a specification for the resin panels; please clarify preferred manufacture, color, finish, and channel manufacture/finish.

a. **Response:** See the revised A601 drawing which changes the note to opaque glass. See 6A/I001 for more information on these signs.

2.11 RFI No. 12: Question: (4) Forno Enterprises (08/28/26): Specification section 087113 Power Operators; please clarify what hardware sets require power operators as none were found in the hardware sets shown in specification 087100 Door Hardware.

a. **Response:** See revised A600 with door schedule which calls out which doors should receive power operators.

2.12 RFI No. 13: Question: (1) NEIS (09/01/26): On 18/A405…note states Solid Surface countertop provided by Patterson Dental. Are we to assume the countertop and casework is provided by Patterson Dental or by 064023? The Casework has call out labels as part of 064023. Please advise. See 18/A405.

a. **Response:** 18/A405 has been updated to correctly call for the countertop to be by the GC. See drawing A405 attached.

2.13 RFI No. 14: Question: (2) NEIS (09/01/26): Please clarify rooms 104B, 104C, 104E, 104F, 104G, 104H and 104I are to have casework and solid surface countertops by 064023, as elevations do not have casework call out labels? See 16/A407

a. **Response:** Casework and countertops in those rooms are by 064023. See revised A407 with additional casework callout labels.

2.14 RFI No. 15: Question: (1) W&D Smith (09/02/26): Office 101A does not have an elevation plan but on drawing A101 it appears a countertop is shown in the corner. Is a countertop to be provided?

a. **Response:** That is meant to be a tall cabinet. Owner furnished, owner installed. No contractor scope in that room.

2.15 RFI No. 16: Question: (2) W&D Smith (09/02/26): Computer Room 104A does not have an elevation plan but on drawing A101 it appears a countertop is shown in the alcove area. Is a countertop to be provided?

a. **Response:** Disregard. That is an existing to remain piece of millwork.

2.16 RFI No. 17: Question: (3) W&D Smith (09/02/26): Main Clinic D101 hallway across from Patient Call D101C, plan view north, does not have an elevation plan but drawing A101 shows a 10' countertop. Is a countertop to be provided?

a. **Response:** See detail 20 on revised A405 for elevation view.

2.17 RFI No. 18: Question: (3) W&D Smith (09/02/26): Main Clinic D101 hallway adjacent to Mini Clinic D107, plan view south east, does not have an elevation plan but drawing A101 shows a 10' countertop. Is a countertop to be provided?

a. **Response:** See detail 19 on revised A405 for elevation view.

2.18 RFI No. 19: Question: (1) Daniel J. Lynch (09/02/26): On the finish plan it notes SV1 in rooms D114A-D115. However, on the pattern plan it notes them as being SV2. What is the correct finish? Also, are there any other areas labeled incorrectly?

a. **Response:** This has been fixed. See revised drawing, attached.

2.19 RFI No. 20: Question: (3) NEIS (09/03/26): Are the closet rod & shelf on 4/A501 to be HPL1 OR HPL2?

a. **Response:** HPL2

2.20 RFI No. 21: Question: (4) NEIS (09/03/26): Are the countertops for 2/A404 to be solid surface or Plastic Laminate? Also, Are the base cabinets to be HPL1 just like the wall cabinets?

a. **Response:** SSR1. Yes, HPL1.

2.21 RFI No. 22: Question: (5) NEIS (09/03/26): Is the Gray Scale Bookshelf 5'-0" x 5'-0" to be included in the 064023 scope of work or is OFOI?

a. **Response:** Yes this is to be included in 064023 scope of work.

2.22 RFI No. 23: Question: (6) NEIS (09/03/26): Are there any special requirements for the tall cabinet in room D114A? Note states Lockable Medical Storage Cabinet. I currently see this cabinet as a 2 door tall cabinet w/ 1 fixed shelf and 4 adjustable shelves.

a. **Response:** This is correct as shown.

2.23 RFI No. 24: Question: (1) FAHS (09/04/26): Please designate areas that are part of the alternate on the floor plans, the general notes tell us to refer to G003 for additional base bid & alternate information. There is no information present on G003 regarding alternate or base bid.

a. **Response:** G003 has been updated to include a note about alternates, and the doors associated with alternate scope are more clearly called out in the demo and floor plans, as well as the door schedule on A600. See revised drawings included with this addendum.

2.24 RFI No. 25: Question: (2) FAHS (09/04/26): Please reference detail 1/A101, room DH Waiting Area D100 has a note for a Wall Mounted Screen, is this to be OFCI? It is not noted on A910.

a. **Response:** GC to provide blocking and install the mounting bracket furnished by owner, EC to provide power/data.

2.25 RFI No. 26: Question: (3) FAHS (09/04/26): Please reference details 2, 11 and 12/A404. These elevations have a note that states 'Storage System, Typ. Per Spec.' and points to the HPL cabinets. Are these to be cabinets covered by 064023 Interior Architectural Casework or are they to be covered by a specialty storage product? If they are to be a specialty storage product, please provide a specification and removed the HPL1 designations.

a. **Response:** Please use spec section 064023 for this scope.

2.26 RFI No. 27: Question: (4) FAHS (09/04/26): Please reference detail 14/A404. Section cut 5/A501 is shown through W1. Detail 5/A501 is for transaction window W2. Please confirm that window W1 is not a transaction window and does not require a window blind.

a. **Response:** The section is taken through the W1 window next to the transaction window. Detail 5/A501 and its title have been updated to reflect the correct terms. Assume that the (3) W1 and W2 windows in Reception D101D will need blinds.

2.27 RFI No. 28: Question: (5) FAHS (09/04/26): Please reference A407 Enlarged Radiography Clinic & DH Storage Plan & Interior Elevations.

a. Please reference detail 16.
    i. All 7 rooms call have equipment tag EQ12 shown twice. This does not match A910 or the items shown on 5 & 7/A407. These three should match, please clarify.
    ii. All 7 rooms have equipment tag EQ27. EQ27 is not noted on any of the tables on A401. There is an EQ27 on A910 but that is for OFCI Wire Shelving. Please clarify.
    iii. All 7 rooms have equipment tag EQ25. EQ25 is not noted on any of the tables on A401.
b. Please reference detail 11, elevations 12, 14 and 15 on A407 are missing. Please provide.
c. Please provide further information on the lead glass windows shown on 4 & 8/A407
    i. Are these to be provided at rooms 104B, 104C, 104G and 104H?

Response:

a. Please reference detail 16.
    i. **See revised drawings A407 and A910 for updates and clarifications.**
    ii. **See revised drawings A407 and A910 for updates and clarifications.**
    iii. **See revised drawings A407 and A910 for updates and clarifications.**
b. **See revised drawings A407 and A910 for updates and clarifications.**
c. **Those are existing to remain lead glass windows. A407 has been revised to reflect this.**

2.28 RFI No. 29: Question: (6) FAHS (09/04/26): Please provide further information on the resin panel as noted on 5/A601.HPL1 designations.

a. **Response:** Notes have been corrected to clarify that this will be a glass panel. See revised documents included in this addendum.

2.29 RFI No. 30: Question: (7) FAHS (09/04/26): Please reference detail 5/A601 and the Color And Finish Legend on I001. Is the intent to provide WF1 film on the resin panels of W4?

a. **Response:** Notes have been corrected to clarify that this will be a glass panel, and it will not have film on it. See revised documents included in this addendum.

2.30 RFI No. 31: Question: (8) FAHS (09/04/26): Please reference A910 1st Floor Equipment Plans, A401 Toilet Room / Dental Lab Standards & Typical Mounting Heights and A402 thru A407:

a. Detail 1/A402 and its associated details. There are what appear to be toilet accessories show in plan view on detail 1, however they are not tagged.

Elevations 4 and 9 have the toilet partition doors shut and the accessories are not shown or tag. Please advise what accessories are desired here.

b. Details 2 & 7/A402, please provide equipment tags for what appears to be mirrors on both elevations.
c. Detail 2/A403. What are items EQ14 & EQ19? These items do not exist on A401 or A402. EQ14 is on A910 as a dental chair.
d. Details 2 and 4/A403. Detail 2 uses tags EQ14 & EQ19, detail 4 uses tags EQ22 & EQ24 to notate what appears to be the same items. Please clarify what is desired.
e. Detail 3/A403. What is item EQ76? This item does not exist on A401, A402 or A910.
f. Detail 8/A405, this detail has equipment tag EQ28 – Shelf & Coat Hanger. Please provide product information, none is present in specification 102800 Toilet Accessories. Is this to be provided in each operatory room throughout D101 & D107? This is the only elevation or floor plan that it is tagged on. It is not shown on A910 with the rest of the equipment either.
g. Please reference detail 1/A406 and drawing A910. Detail 1/A406 has elevation callouts for details 15 & 16/A406 for the lab tables. These elevations clearly note this tables to be HPL1 base cabinets with SSR1 tops. Drawing A910 uses equipment tag EQ01 for these lab tables, stating that they owner furnished, owner installed. Who is responsible for the furnish and installation of the lab tables?
h. Drawing A910, Classroom 102 has equipment tag EQ27 – Wiring Shelving (OFCI). That looks like a screen, not wire shelving. Please clarify what the contractor is installing here.
i. Drawing A401 – Toilet Accessory Table – EQ13 Paper Towel is not noted as Owner Furnished, Contractor Installed. The Radiography Accessory Table – EQ13 – Paper Towel Dispenser is noted as Owner Furnished, Contractor Installed. Who is providing this item? The paper towel dispenser is also not listed in specification 102800 Toilet Accessories
j. Drawing A402, EQ22 – Sanitary Napkin Disposal is noted as CFCI. Please provide product information as it is not noted in specification 102800 Toilet Accessories nor is it in any of the tables on A401.
k. Drawing A910, please provide more information on items EQ27 thru EQ41 so that the appropriate amount of time can be determined for installation.
l. Drawing A910, Room DH Lab D115 EQ01 Typical Tag covers another equipment tag on the north wall.
m. Please provide a 2nd Floor Equipment Plan.

Response:

a. Additional tags have been added. See revised 1/A402
b. Additional info added to 2 & 7/A402. See revised A402.
c. Detail 2/A403 tags have been updated to reflect the correct equipment. See revised A402.
d. Details are now coordinated. See revised A402.
e. Detail 3/A403 has been updated. That tag has been removed. See revised A402.
f. See attached detail callout on sheet A405 and updated specification 064023 and millwork detail 9/A501.
g. EQ01 tags have been removed from A910. Follow the direction as shown on drawing A406. See revised drawings A406 and A910, attached.

h. EQ27 should be an owner furnished, contractor installed TV. EQ27 has been updated in the schedule. See revised A910.
i. EQ13, the paper towel dispenser, should be owner furnished, contractor installed. See A401.
j. The Sanitary Napkin Disposal has been added to the spec. See the revised specification 102800, attached.
k. Please research the items to determine the amount of time required. Many are counter top pieces of equipment.
l. See revised drawing.
m. There is no equipment in the scope on the 2nd floor.

2.31 RFI No. 32: Question: (9) FAHS (09/04/26): Please reference detail 1/A406, there are two Smartboard/Monitor, Provided By Owner at the top of the detail, are those to be installed by contractor?

a. **Response:** GC to provide blocking and install the mounting bracket furnished by owner. EC to provide power/data.

2.32 RFI No. 33: Question: (10) FAHS (09/04/26): Please reference detail 1/A406, Teaching Lectern Provided By Owner, is this to installed by contractor?

a. **Response:** Lectern to be provided and installed by the owner. EC to provide power/data in the floor.

2.33 RFI No. 34: Question: (11) FAHS (09/04/26): Please reference details 1 & 3/A406. Detail 1 calls for a whiteboard wall on D115 DH Lab, detail 3/A406 shows a whiteboard in D115A Sim Lab. Please provide a specification for the whiteboards

a. **Response:** A new whiteboard spec is included as an attachment in this addendum.

2.34 RFI No. 35: Question: (12) FAHS (09/04/26): Please reference detail 17/A407. Is the computer desk to be installed by the contractor?

a. **Response:** This will be furniture that is provided and installed by the owner.

2.35 RFI No. 36: Question: (13) FAHS (09/04/26): I101 & I102. Finish Plan Keynotes lists 11 Keynotes, the only notes that are tagged on these two drawings are notes 10 and 11. Please provide keynote tags on these drawings.

a. Keynotes 7 and 8 call for Window Treatments. Please provide a specification for window treatments.
b. Keynote 9 calls for WP2. WP2 is not noted on I001. Please provide product information.
c. These drawings call for signage but do not indicate what signs are to be included in the Alternate 01

a. **Response:**
    a. These window treatments are no longer in the project scope.
    b. WP2 is no longer in the project scope.
    c. There are only 2 alternates: 1 for additional door replacements and 1 related to mechanical scope. Signage will not change based on alternates.

REQUESTS FOR SUBSTITUTION:

2.36 Request for Substitution 1: (1) Scranton Products (08/28/26): Request to substitute Penco Products locker in spec to Tufftec Lockers by Scranton Products.

a. **Response:** This substitution is approved.

2.37 Request for Substitution 2: (2) Request to substitute Metpar Phenolic toilet compartments which were not listed in the spec.

a. **Response:** This substitution is approved.

2.38 Request for Substitution 3: (1) Elite Storage Products (08/28/26): Request to substitute Penco Products locker in spec to Lockers Manufacturing "All Welded Metal Locker Series".

a. **Response:** This substitution is approved.

CORRECTION MADE TO THE DRAWINGS:

In response to:
Hulbert Engineering and Land Surveying, DPC.
Document Review/Response Form for Permit Review
Dated: 7/31/2026

2.39 Drawing G001 – Coversheet

a. Add the following statement:

i. **ENERGY CODE COMPLIANCE STATEMENT**
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS). THIS STATEMENT IS PROVIDED IN ACCORDANCE WITH 2025 ECCCNYS SECTION C105.2.3.

2.40 Drawing G002 – Code Compliance and Life Safety Plans

a. Change “Building Code Summary Worksheet” Code Issued Date to:

i. Building Code: **2025 BCNYS**
Fire Code: **2025 FCNYS**
Plumbing Code: **2025 PCNYS**
Mechanical Code: **2025 MCNYS**
Fuel Gas Code: **2025 FGCNYS**
Property Maintenance Code: **2025 PMCNYS**
Electrical Code: **2023 NFPA 70 (NEC)**
Energy Code: **2025 ECCCNYS**
Existing Building Code: **2025 EBCNY**

2.41 Drawing A002 – Notes, Symbols, and Abbreviations

a. Correct GENERAL PARTITION NOTE 4. To read:

i. Note 4. ALL NON-BEARING PARTITIONS SHALL BE CONSTRUCTED TO LIMIT DEFLECTION BASED ON CHAPTER 16, TABLE 1604.3 – DEFLECTION LIMITS.

b. Unrelated to comments from Hulbert Engineering; Wall Types S3.0 and S6.0 were added.

2.42 Drawing A011 – Overall First Floor Demolition Plan

a. Correct demo key notes in corridor outside D114A and D115. Previously was noted for the ceiling to be demo'd. That scope is not currently in the project. Plan updated to remove the keynote in that area.

UPDATES MADE TO THE SPECIFICATIONS:

2.43 REMOVED:

a. Spec section **084313 Aluminum Framed Storefronts**. It is not applicable.

2.44 ADDED:

a. Spec section **101100 Visual Display Units for whiteboards.**

2.45 UPDATED:

a. 011150 - Project Schedule
b. 012100 - Alternates
c. 064023 - Interior Architectural Woodwork
d. 085113 - Aluminum Sliding Service Window
e. 087113 - Power Door Operators
f. 096813 - Tile Carpeting
g. 101423 - Panel Signage
h. 102800 - Toilet Accessories
i. 265119 – LED Interior Lighting

ATTACHMENTS:

2.46 Administrative:

a. Pre-Bid Sign In Sheet scans
b. Patterson Dental Equipment and Construction Schedules

Drawings:

c. G001 - Coversheet
d. G002 – Code Compliance and Life Safety Plans
e. G003 - Code Compliance, Life Safety, Alternate Info
f. A002 - Partition Types Bid
g. A011 - Overall 1st Floor Demolition Plan
h. A011a - Enlarged 1st Floor Demolition Plan
i. A012 - Overall 2nd Floor Demolition Plan
j. A101 - Overall 1st Floor Plan
k. A102 - Overall 2nd Floor Plan
l. A111a - Enlarged 1st Floor RCP
m. A112 - Overall 2nd Floor RCP
n. A402 - Enlarged Toilet Room Plans & Interior Elevations
o. A403 - Enlarged Locker Room Plans & Interior Elevations
p. A404 - Enlarged Dental Hygiene Support Plans & Interior Elevations
q. A405 - Enlarged Dental Clinic Plans And Elevs.

r. A407 – Enlarged Radiography Clinic
s. A408 – Enlarged Vestibules, Door Plans and Details
t. A501 - Millwork Details
u. A600 - Door Schedules, Borrowed Lites & Details
v. A601 - Interior Window Types And Details
w. A910 - 1st Floor Equipment
x. I001 - Color And Finish Legend & Interior Details
y. I101 - First Floor Finish Plan
z. I201 - First Floor Pattern Plan
aa. SKE-601.-1 Electrical Schedules

Specifications:

a. 011150 - Project Schedule
b. 012100 - Alternates
c. 064023 - Interior Architectural Woodwork
d. 085113 - Aluminum Sliding Service Window
e. 087113 - Power Door Operators
f. 096813 - Tile Carpeting
g. 101100 Visual Display Units
h. 101423 - Panel Signage
i. 102800 - Toilet Accessories
j. 265119 – LED Interior Lighting

END ADDENDUM NO. 02

LaBella
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Patterson Dental Equipment Furnished and Installed

Updated on 08/27/26

(26) Operatory Dental Chairs

(26) Operatory Stools

(26) Clinic Side Cabinets (no sinks)

(6) RAD Suite Chairs

(4) Wall Mounted X-Ray Machines (104H, 104F, 104E, 104C)

(4) SIM Stations and 4 stools (Cabinetry)

(26) Assistant Stools

(10) Stools reupholstered

(1) Vacuum Pump

(1) Statpure Water infiltration System

All finish selections have been made by Labella and submitted to Patterson.

Owner Furnished Owner Installed

(1) Panoramic Dental X-Ray

Construction Schedule:

Owner Purchases: **10/20/2026 - 1/18/27**

Patterson Fabrication: **1/11/2027 - 5/28/27**

Patterson Dental – Demolition: **5/24/27-6/4/27**

GC Framing (Including Patterson Dental framing): **6/2/27-6/22/27**

Patterson Dental Framing Inspection – (Cabinetry Template and Blocking Check): **6/23/27-6/25/27**

Patterson Dental –Install: **7/19/27-8/06/27**

SUNY BROOME
DENTAL HYGIENE CLINIC RENOVATIONS

ISSUED FOR BID
AUGUST 2026

ENERGY CODE COMPLIANCE STATEMENT: TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE 2025 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE (ECCCNYS). THIS STATEMENT IS PROVIDED IN ACCORDANCE WITH 2025 ECCCNYS SECTION C105.2.3.

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LaBella
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LBA PROJECT NO. 2224432.01

SHEET LIST

GENERAL
G001 COVER SHEET
G002 CODE COMPLIANCE AND LIFE SAFETY PLANS
G003 CODE COMPLIANCE AND LIFE SAFETY PLANS

ARCHITECTURAL
A001 NOTES, SYMBOLS & ABBREVIATIONS
A002 PARTITION TYPES
A011 OVERALL 1ST FLOOR DEMOLITION PLAN
A011A ENLARGED 1ST FLOOR DEMOLITION PLAN
A012 OVERALL 2ND FLOOR DEMOLITION PLAN
A012A ENLARGED 2ND FLOOR DEMOLITION PLAN
A013 OVERALL 3RD FLOOR DEMOLITION PLAN
A101 OVERALL 1ST FLOOR PLAN
A102 OVERALL 2ND FLOOR PLAN
A103 OVERALL 3RD FLOOR PLAN
A111 OVERALL 1ST FLOOR REFLECTED CEILING PLAN
A111A ENLARGED 1ST FLOOR REFLECTED CEILING PLAN
A112 OVERALL 2ND FLOOR REFLECTED CEILING PLAN
A113 OVERALL 3RD FLOOR REFLECTED CEILING PLAN
A401 TOILET ROOM / DENTAL LAB STANDARDS & TYPICAL MOUNTING HEIGHTS
A402 ENLARGED TOILET ROOM PLANS & INTERIOR ELEVATIONS
A403 ENLARGED LOCKER ROOM PLANS & INTERIOR ELEVATIONS
A404 ENLARGED DENTAL HYGIENE SUPPORT PLANS & INTERIOR ELEVATIONS
A405 ENLARGED DENTAL CLINIC PLANS & INTERIOR ELEVATIONS
A406 ENLARGED DH LAB, SIM, & PLASTER LAB PLANS & INTERIOR ELEVATIONS
A407 ENLARGED RADIOGRAPHY CLINIC PLAN & INTERIOR ELEVATIONS
A408 ENLARGED VESTIBULES DOOR PLANS, ELEVATIONS & DETAILS
A501 MILLWORK DETAILS
A502 CEILING & MISC. DETAILS
A600 DOOR SCHEDULES, BORROWED LITES & DETAILS
A601 INTERIOR WINDOW TYPES & DETAILS
A700 MISC. DETAILS
A910 1ST FLOOR EQUIPMENT PLANS

INTERIORS
I001 COLOR AND FINISH LEGEND & INTERIOR DETAILS
I101 FIRST FLOOR FINISH PLAN
I102 SECOND FLOOR FINISH PLAN
I201 FIRST FLOOR PATTERN PLAN
I202 SECOND FLOOR PATTERN PLAN
I301 FIRST FLOOR FURNITURE PLAN

MECHANICAL
M001 MECHANICAL LEGEND SHEET
M011A DENTAL SUITE DUCTWORK DEMOLITION PLAN
M011B WEST DUCTWORK DEMOLITION PLAN
M012A PENTHOUSE DUCTWORK DEMOLITION PLAN
M021A DENTAL SUITE PIPING DEMOLITION PLAN
M021B WEST PIPING DEMOLITION PLAN
M022A PENTHOUSE PIPING DEMOLITION PLAN
M101A DENTAL SUITE DUCTWORK PLAN
M101B WEST DUCTWORK PLAN
M102A PENTHOUSE DUCTWORK PLAN
M201A DENTAL SUITE PIPING PLAN
M201B WEST PIPING PLAN
M202A PENTHOUSE PIPING PLAN
M401 MECHANICAL ENLARGED PLANS
M501 MECHANICAL DETAILS
M502 MECHANICAL DETAILS
M503 MECHANICAL DETAILS
M601 MECHANICAL SCHEDULES
M701 MECHANICAL CONTROLS

FIRE PROTECTION
F001 FIRE PROTECTION LEGEND SHEET
F011 PARTIAL FIRST FLOOR FIRE PROTECTION DEMOLITION PLAN
F012 PARTIAL FIRST AND SECOND FLOOR FIRE PROTECTION DEMOLITION PLANS
F101 PARTIAL FIRST FLOOR FIRE PROTECTION PLAN
F102 PARTIAL FIRST AND SECOND FLOOR FIRE PROTECTION PLANS

PLUMBING
P001 PLUMBING LEGEND SHEET
P011 PARTIAL FOUNDATION PLUMBING DEMOLITION PLAN - DOMESTIC
P012 PARTIAL FOUNDATION PLUMBING DEMOLITION PLAN - WASTE & VENT
P013 PARTIAL FOUNDATION PLUMBING DEMOLITION PLAN - GAS & VACUUM
P014 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLANS
P015 PARTIAL FIRST FLOOR PLUMBING DEMOLITION PLAN
P016 PARTIAL SECOND AND THIRD FLOOR PLUMBING DEMOLITION PLANS
P101 PARTIAL FOUNDATION PLUMBING PLAN - WASTE AND VENT
P102 PARTIAL FOUNDATION PLAN - GAS & VACUUM
P103 PARTIAL FIRST FLOOR PLUMBING PLANS
P104 PARTIAL FIRST FLOOR PLUMBING PLAN
P105 PARTIAL SECOND AND THIRD FLOOR PLUMBING PLANS
P501 PLUMBING DETAILS
P601 PLUMBING SCHEDULES

ELECTRICAL
E001 ELECTRICAL NOTES, SYMBOL LEGEND & ABBREVIATIONS
E011 PARTIAL 1ST FLOOR POWER & SYSTEMS DEMOLITION PLAN - NORTH
E012 PARTIAL 1ST FLOOR POWER & SYSTEMS DEMOLITION PLAN - SOUTH
E013 PARTIAL FIRST FLOOR LIGHTING DEMOLITION PLAN - NORTH
E014 PARTIAL FIRST FLOOR LIGHTING DEMOLITION PLAN - SOUTH
E101 PARTIAL FIRST FLOOR POWER PLAN - NORTH
E102 PARTIAL FIRST FLOOR POWER PLAN - SOUTH
E103 SECOND FLOOR ROOMS D203 & D204 - ELECTRICAL PLANS RMS 216, 217, 218, & 220 DOORS
E104 SECOND FLOOR EXTERIOR DOOR DETAILS
E105 THIRD FLOOR
E201 FIRST FLOOR LIGHTING FLOOR PLAN - NORTH
E202 FIRST FLOOR LIGHTING PLAN - SOUTH
E401 ENLARGED ELECTRICAL FIRST FLOOR DEMO PLAN
E501 ELECTRICAL DETAILS
E502 ACCESS CONTROL SYSTEM RISER DIAGRAMS
E503 LIGHTING CONTROL RISER DIAGRAMS
E600 ELECTRICAL SCHEDULES

BID
08/14/2026

SUNY Broome Community College
2224432.01

Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

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PLUMBING FIXTURE REQUIREMENTS

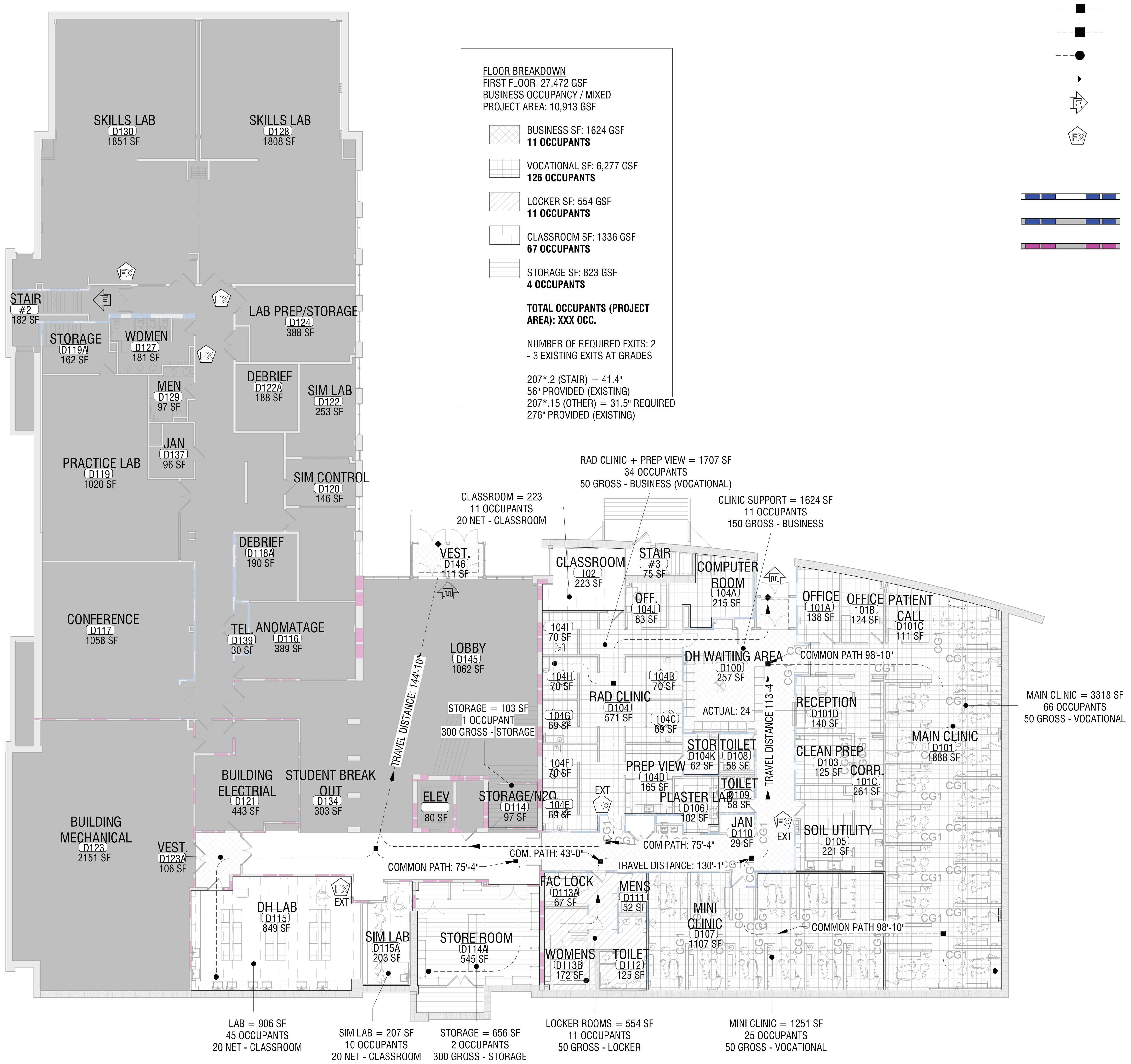
808 TOTAL OCCUPANTS
CALCULATIONS BASED ON BUSINESS CLASSIFICATION

Table 2902.1

USE		WATER CLOSETS		URINALS	LAVATORIES		SHOWERS/	DRINKING FOUNTAINS	
		MALE	FEMALE		MALE	FEMALE	TUBS	REGULAR	ACCESSIBLE
B	UNISEX								
	NEW								
	REQUIRED	9	18	9	12	12	N/A	9	

LIFE SAFETY LEGEND

- EXIT DISCHARGE
- TRAVEL DISTANCE AND DIRECTION OF TRAVEL
- COMMON PATH OF EGRESS
- REMOTE POINT OF TRAVEL
- EXIT ACCESS FROM LECTURE HALL
- EXIT
- NEW FIRE EXTINGUISHER CABINET (1 PER 75 FT RADIUS) SEE DETAIL 1/A700
  - IT IS ASSUMED AREAS OUT OF THE SCOPE OF WORK HAVE THE REQUIRED FIRE EXTINGUISHERS PER CODE.
- 1 HOUR RATED FIRE BARRIER
- EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER
- EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER



1 G002 **FIRST FLOOR CODE COMPLIANCE PLAN**
SCALE: 1/16" = 1'-0"

CODE REVIEW INFORMATION

2025 NEW YORK STATE BUILDING CODE

BUILDING DATA

	CODE REF.	NYBC REQ'D	PROVIDED
USE DESCRIPTION		HIGHER EDUCATION	
SPECIAL REQUIREMENTS	IBC CH. 4 (407)	N/A	N/A
PROJECT OCCUPANCY	IBC CH. 3	B BUSINESS	
MIXED OCCUPANCY	NYBC CH. 5 (508)	A3 ACCESSORY USE	<10% COMPLIES
CLASSIFICATION OF WORK	ENYBC	ALTERATION LVL 2	COMPLIES
CONSTRUCTION TYPE	NYBC CH. 6	TYPE IIA	COMPLIES
NO. OF STORIES	NYBC CH. 5 (TABLE 504.4)	6	3 EXISTING
BUILDING HEIGHT	NYBC CH. 5 (TABLE 504.3)	85'	EXISTING
ALLOWABLE BUILDING AREA (Aa)	NYBC CH. 5 (TABLE 506.2)	150,000 SF	
INCREASE FOR FRONTAGE (If)	NYBC CH. 5	N/A	
TOTAL ALLOWABLE BUILDING AREA (Aa)	NYBC CH. 5	675,000 SF	63,955 SF EXISTING
PROJECT AREA			11,804 SF
APPROX. EXISTING BUILDING OCCUPANTS			1ST FLOOR - 470 2ND FLOOR - 740 3RD FLOOR - 275 TOTAL 1,485 OCC.
PROJECT AREA OCCUPANTS	NYBC CH. 10 (TABLE 1004.5)	B - 150 GROSS B - 50 (VOCATIONAL) B - 20 (CLASSROOM) A3 - 15 NET	COMPLIES (SEE LIFE SAFETY PLAN)
MIN. NUMBER OF EXITS (REFER TO LIFE SAFETY PLAN)	NYBC CH. 10 (1006)	3 MIN. (2ND FLOOR)	COMPLIES (SEE LIFE SAFETY PLANS)
ONE EXIT RULES	NYBC CH. 10 (1006.3.3)	100'	COMPLIES (SEE LIFE SAFETY PLAN)
MIN. EXIT WIDTH PER OCC. (REFER TO LIFE SAFETY PLAN)	NYBC CH. 10 (1005.3)	0.2 STAIRS 0.15 OTHER	COMPLIES (SEE LIFE SAFETY PLAN)
MIN. DOOR WIDTH (REFER TO LIFE SAFETY PLAN)	NYBC CH. 10 (1010.1.1)	32" MIN.	EXISTING COMPLIES
MIN. STAIRWAY WIDTH	NYBC CH. 10 (1011.2)	44" MIN.	EXISTING COMPLIES
MIN. CORRIDOR WIDTH	IBC CH. 10 (TABLE 1020.2)	44" MIN.	EXISTING COMPLIES
MAX. TRAVEL DISTANCE	IBC CH. 10 (1017.2)	300'	COMPLIES (SEE LIFE SAFETY PLAN)
MAX. COMMON PATH OF TRAVEL	IBC CH. 10 (1006.2.1)	100'	COMPLIES (SEE LIFE SAFETY PLAN)
MAX. DEAD END CORRIDOR	IBC CH. 10 (1020.4)	50'	N/A
CONCEALED SPACE DRAFTSTOPPING	IBC CH. 7 (718)	N/A	N/A
INTERIOR FINISHES CLASS			
INTERIOR EXIT STAIRWAYS, RAMPS AND EXIT PASSAGEWAYS		CLASS B	SEE FINISH PLANS
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS		CLASS B	SEE FINISH PLANS
ROOMS AND ENCLOSED SPACES		CLASS B***	SEE FINISH PLANS
AUTOMATIC SPRINKLER SYSTEM	IBC CH. 4 (403.3)	(YES) NO	BUILDING IS FULLY SPRINKLERED
FIRE EXTINGUISHER SPACING	NFPA 9.9 IBC CH. 9 (TABLE 906.3(1))	75' ; 1/3,000 SF	COMPLIES (SEE LIFE SAFETY PLAN)
STANDPIPE SYSTEM	NFPA 9.10.1 IBC CH. 9 (905)	(YES) NO	EXISTING COMPLIES
SMOKE AND FIRE DETECTION	NFPA 9.6 IBC CH. 9 (907)	(YES) NO	COMPLIES
FIRE ALARM SYSTEM	NFPA 9.6 IBC CH. 9 (907)	(YES) NO	COMPLIES
VERTICAL ACCESS REQUIRED	IBC CH. 11 (1104.4)	(YES) NO	EXISTING COMPLIES
ACCESSIBLE ENTRANCE	IBC CH. 11 (1105)	(YES) NO	EXISTING COMPLIES

ABBREVIATIONS:
- N/A NOT APPLICABLE / NOT PART OF THIS PROJECT
- NC NON-COMBUSTIBLE
- C COMBUSTIBLE
- NR NOT REQUIRED
- B BARRIER TO LIMIT TRANSFER OF SMOKE

STRUCTURAL DESIGN:
REFER TO SPECIFIC DRAWING AND SPECIFICATION SECTIONS FOR ADDITIONAL STRUCTURAL DESIGN CRITERIA INCLUDING BUT NOT LIMITED TO, LIVE LOAD, DEAD LOAD, AND LATERAL LOADS APPLICABLE TO THIS PROJECT.

FIRE RESISTANCE RATINGS - IIA

BUILDING ELEMENT TABLE	IBC CH. 6 (TABLE 601)	IBC REQ'D	PROVIDED
PRIMARY STRUCTURAL FRAME		1 HR	EXISTING
EXTERIOR BEARING WALLS		1 HR	EXISTING
SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS		1 HR	EXISTING
SUPPORTING ONE FLOOR ONLY		1 HR	EXISTING
SUPPORTING A ROOF ONLY		1 HR	EXISTING
INTERIOR BEARING WALLS			
SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS		1 HR	EXISTING
SUPPORTING ONE FLOOR ONLY		1 HR	EXISTING
SUPPORTING A ROOF ONLY		1 HR	EXISTING
COLUMNS			
SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS		1 HR	EXISTING
SUPPORTING ONE FLOOR ONLY		1 HR	EXISTING
SUPPORTING A ROOF ONLY		1 HR	EXISTING
BEAMS, GIRDERS, TRUSSES, AND ARCHES			
SUPPORTING MORE THAN ONE FLOOR, COLUMNS, OR OTHER BEARING WALLS		1 HR	EXISTING
SUPPORTING ONE FLOOR ONLY		1 HR	EXISTING
SUPPORTING A ROOF ONLY		1 HR	EXISTING
FLOOR-CEILING ASSEMBLIES		1 HR	EXISTING
ROOF-CEILING ASSEMBLIES		1 HR	EXISTING
INTERIOR NON-BEARING WALLS		0 HR	0 HR
EXTERIOR NON-BEARING WALLS	X>30'	0 HR	N/A
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS		1 HR	EXISTING
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS		1 HR	EXISTING
FIRE WALLS	IBC CH. 7 (TABLE 706.4)	2 HR	N/A
FIRE BARRIERS	IBC CH. 7 (707.3.10)	1 HR	COMPLIES (SEE LIFE SAFETY PLAN)
FIRE PARTITIONS	IBC CH. 7 (708.3)	1 HR	COMPLIES (SEE LIFE SAFETY PLAN)
VERTICAL EXIT ENCLOSURE	IBC CH. 10 (1023)	2 HR ≥ 4 STORIES 1 HR < 4 STORIES	1 HR
EXIT PASSAGEWAY	IBC CH. 10 (1024)	2 HR ≥ 4 STORIES 1 HR < 4 STORIES	N/A
HORIZONTAL EXIT SEPARATION	IBC CH. 10 (1026)	N/A	N/A
INCIDENTAL USE AREAS	IBC CH. 5 (509)	1 HR	COMPLIES (SEE LIFE SAFETY PLAN)
OCCUPANCY SEPARATION	IBC CH. 5 (TABLE 508.4)	N/A	N/A
SHAFT ENCLOSURE	IBC CH. 7 (713)	2 HR ≥ 4 STORIES 1 HR < 4 STORIES	EXISTING
CORRIDOR WALLS	IBC CH. 10 (TABLE 1020.1)	N/A	N/A

NOTES:
1. REFER TO CODE COMPLIANCE & LIFE SAFETY PLANS FOR ADDITIONAL INFORMATION ON EGRESS, PARTITION RATINGS AND OTHER CODE RELATED INFORMATION.
2. ***(IBC TABLE 803.13) CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ADMINISTRATIVE SPACES; CLASS C INTERIOR FINISH MATERIALS SHALL BE PERMITTED IN ROOMS WITH A CAPACITY OF FOUR PERSONS OR LESS.
3. ALL WOOD BLOCKING TO BE FIRE TREATED.
4. CONTRACTOR TO VERIFY / MAINTAIN / PATCH ANY AND ALL AREAS OF FIREPROOFING OR UL ASSEMBLIES WITHIN SCOPE OF WORK

BUILDING CODE SUMMARY WORKSHEET

Name of Project: SUNY BROOME DECKER HALL RENOVATION
Address: 907 Upper Front St., Binghamton, NY 13905
Current Use: Higher Education - Health Science School
Owner or Authorized Agent: ____ Phone # ____ E-mail ____
Owned By: ☐ City/County ☐ Private ☒ State
Code Enforcement Jurisdiction: ☐ City ☐ County ☐ State

PROJECT SUMMARY/ Alternative Means of Compliance

Building description: Alteration Level 2 to an existing Dental School.

Scope of work details: Alteration include re-configuration of spaces, cosmetic upgrades and MEPFP modifications.

Does this project have air rights, easements, an assumed or deeded property line, no build easements or other circumstances similar to the aforementioned? ☐ Yes ☐ No ☒ N/A
Renovation projects only: If you are using Chapter 34 (3412-Existing buildings) in the IBC or NFPA 101 as an alternative for Code compliance please schedule a preliminary review before submitting your project for review
Notes for Plans Examiner and Inspectors: Please reproduce the evaluation form on the plans.

If applicable to your project: Alternative Means of Compliance/ Engineering Judgement:
(Approval needed from the Code Administrator is required before submitting)

LEAD DESIGN PROFESSIONAL:

DESIGNER	FIRM	NAME	LICENSE #	PHONE #	E-MAIL
Architectural					
Civil					
Electrical					
Fire Alarm					
Plumbing					
Mechanical					
Sprinkler-Standpipe					
Structural					
Retaining Walls >5' H.					
Other					

TYPE OF WORK BEING PERFORMED
- ☐ New Construction
- ☐ Addition: (An existing Building that is adding heated or unheated space.
- ☐ Upfit: (First Time Interior Completion)
- ☒ Alteration / Renovation (Previously Occupied Space) This includes Change of Use.

CODE INFORMATION

Building Code: 2025 BCNYS, 2025 MCNYS, 2023 NFPA 70 (NEC), 2025 FCNYS, 2025 FGCNYS, 2025 ECCCNYS, 2025 PCNYS, 2025 PMCNYS, 2025 EBCNYS (2)

New Building: ☐ New building ☐ Shell building ☐ First time interior completion (upfit) ☐ Addition

Existing Building: ☐ Change of use/ occupancy (FOR UPFIT PORTION ONLY) ☒ Building/ tenant space interior completion (Alteration / Renovation)

Year of construction: 1994 Previous Use: Higher Education - Business Occupancy

Alteration / Renovation projects: Please see 3411 IBC for compliance for Accessibility for Existing Buildings

LaBella
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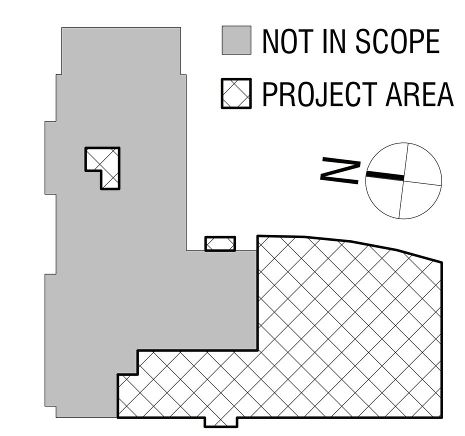
300 State Street, Suite 201
Rochester, NY 14614
585-454-6110
labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905



KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
Revisions		

PROJECT NUMBER: 2224432.01
DRAWN BY: CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME: **CODE COMPLIANCE AND LIFE SAFETY PLANS**
DRAWING NUMBER: **G002**

9/8/2026 7:24:36 PM

PROJECT ALTERNATES:

(ALSO REFER TO SPEC SECTION 012100 - ALTERNATES FOR FURTHER INFORMATION.)

1. GC-ALT-01: DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE
A. GC- ALT. 01

1) AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWING A600 AND A408.

2. M-ALT-01 SEALING OF DUCTWORK
A. M-ALT. 01

1) MECHANICAL CONTRACTOR SHALL PROVIDE THE COST TO SEAL EXISTING SUPPLY AND RETURN DUCTWORK FOR AHU-1 INCLUDING JOINTS, SEAMS, AND WALL PENETRATIONS TO MATCH NEW DUCTWORK. SEAL AND LEAKAGE CLASS SHALL MATCH NEW DUCTWORK.

ALL OTHER SCOPE INCLUDED IN THE PROJECT DOCUMENTS SHOULD BE CONSIDERED BASE BID, AND ACCOUNTED FOR ACCORDINGLY.

2

LIFE SAFETY LEGEND

- EXIT DISCHARGE
- TRAVEL DISTANCE AND DIRECTION OF TRAVEL
- COMMON PATH OF EGRESS
- REMOTE POINT OF TRAVEL
- EXIT ACCESS FROM LECTURE HALL
- EXIT
- NEW FIRE EXTINGUISHER CABINET (1 PER 75 FT RADIUS) SEE DETAIL 1/A700
  - IT IS ASSUMED AREAS OUT OF THE SCOPE OF WORK HAVE THE REQUIRED FIRE EXTINGUISHERS PER CODE.
- 1 HOUR RATED FIRE BARRIER
- EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER
- EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER

FLOOR BREAKDOWN
SECOND FLOOR: 27,472 GSF
BUSINESS OCCUPANCY / MIXED
PROJECT AREA: 613 GSF

PROJECT AREA SF: 613 GSF
TOILET ROOMS

REQUIRED EXITS:
3 EXISTING EXITS AT GRADES

56" PROVIDED - STAIR (EXISTING)
276" PROVIDED - OTHER (EXISTING)

1 G003 SECOND FLOOR CODE COMPLIANCE PLAN
SCALE: 1/16" = 1'-0"

FLOOR BREAKDOWN
SECOND FLOOR: 27,472 GSF
BUSINESS OCCUPANCY / MIXED
PROJECT AREA: 278 GSF

PROJECT AREA SF: 278 GSF
TOILET ROOMS

REQUIRED EXITS:
3 EXISTING EXITS AT GRADES

56" PROVIDED - STAIR (EXISTING)
276" PROVIDED - OTHER (EXISTING)

2 G003 THIRD FLOOR CODE COMPLIANCE PLAN
SCALE: 1/16" = 1'-0"

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300 State Street, Suite 201
Rochester, NY 14614
585-454-6110
labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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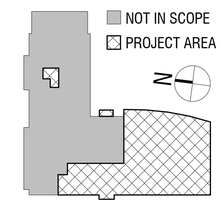
SUNY BROOME

SUNY Broome Community College

907 Upper Front St., Binghamton, NY 13905



KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: CL / ST

REVIEWED BY: LW

ISSUED FOR: BID

DATE: 08/14/2026

DRAWING NAME:

CODE COMPLIANCE AND LIFE SAFETY PLANS AND ALTERNATE INFORMATION

DRAWING NUMBER:

G003

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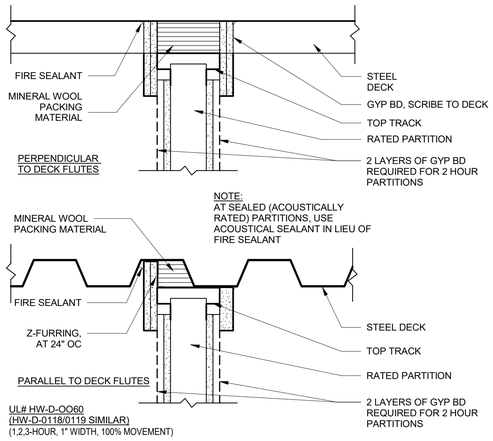
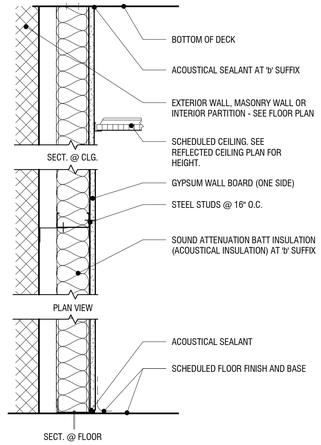
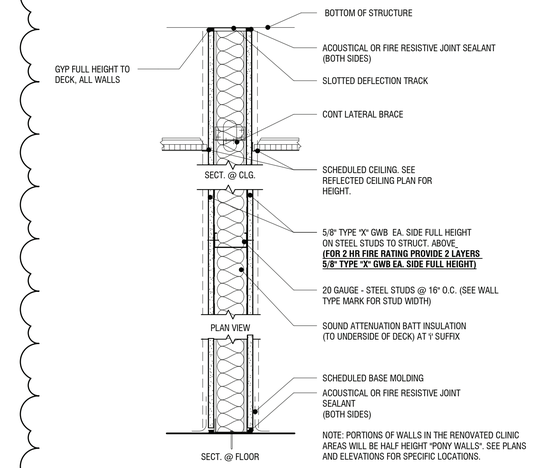


BLOCKING AND MOUNTING DIAGRAMS



WALL TYPE F (METAL STUD)

MARK	STUD SIZE	GAUGE	PARTITION WIDTH	FIRE TEST DESIGN NO.	FIRE RATING	STC	SUBSTRATE TYPE
F1.0	1 5/8"	18 GA	2 1/4"	--	NON-RATED	--	(1) LAYER 5/8" GWB
F1.0b	1 5/8"	18 GA	2 1/4"	--	NON-RATED	--	(1) LAYER 5/8" GWB
F2.0	2 1/2"	18 GA	3 1/8"	--	NON-RATED	--	(1) LAYER 5/8" GWB
F3.0b	3 5/8"	18 GA	4 1/4"	--	NON-RATED	--	(1) LAYER 5/8" GWB
F3.0c	3 5/8"	18 GA	4 1/4"	--	NON-RATED	--	(1) LAYER 5/8" GWB
F6.0b	6"	18 GA	6 5/8"	--	NON-RATED	--	(1) LAYER 5/8" GWB



WALL TYPE S (METAL STUD)

MARK	STUD SIZE	GAUGE	PARTITION WIDTH	FIRE TEST DESIGN NO.	FIRE RATING	STC	GYPSUM LAYERS EACH SIDE
S3.0	3 5/8"	20 GA	4 7/8"	--	--	--	1x 5/8" + 1x 5/8" TO DECK ABOVE
S3.0b	3 5/8"	20 GA	4 7/8"	--	SMOKE PARTITION	--	1x 5/8" + 1x 5/8" TO DECK ABOVE
S3.0c	3 5/8"	20 GA	4 7/8"	--	NON-RATED	--	1x 5/8" + 1x 5/8" 8" ABV. CLG.
S6.0	6"	20 GA	7 1/4"	--	--	--	1x 5/8" + 1x 5/8" TO DECK ABOVE
S6.0b	6"	20 GA	7 1/4"	--	SMOKE PARTITION	--	1x 5/8" + 1x 5/8" TO DECK ABOVE
S6.0c	6"	20 GA	7 1/4"	--	NON-RATED	--	1x 5/8" + 1x 5/8" 8" ABV. CLG.
S6.1	6"	20 GA	7 1/4"	UL U419	1-HR	--	1x 5/8" + 1x 5/8" TO DECK ABOVE

PARTITION TYPE LEGEND

EXAMPLE: CS12.0b — M 3 . 1 b

MATERIAL DESIGNATION — RATING SUFFIX — SIZE SUFFIX — ACCESSORY SUFFIX

MATERIAL DESIGNATION

- G — 5/8" GYPSUM WALL BOARD ON EXISTING AND/OR STUD AND/OR P'TM EXISTING GYPSUM WALL BOARD
- S — METAL STUDS @ 16" O.C., REFER TO SPEC'S FOR GA./MIL THICKNESS
- F — METAL STUDS @ 12" O.C./ FURRING CHANNELS / HAT CHANNELS/ Z-FURRING CHANNELS x REFER TO SPECS FOR GA./MIL THICKNESS
- SH — SHAFT WALL ASSEMBLY, METAL C-H STUDS @ 24" O.C.

SIZE SUFFIX

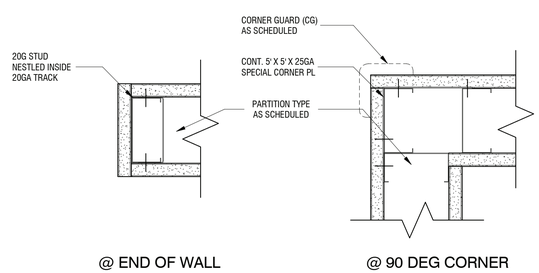
- 1 — 1 5/8" METAL STUDS, OR 7/8" / 1 1/2" HAT CHANNELS (SEE REMARKS)
- 2 — 2 1/2" METAL STUDS OR 2" / 2 1/2" Z FURRING CHANNELS (SEE REMARKS)
- 3 — 3 5/8" METAL STUDS
- 6 — 6" METAL STUDS

RATING SUFFIX

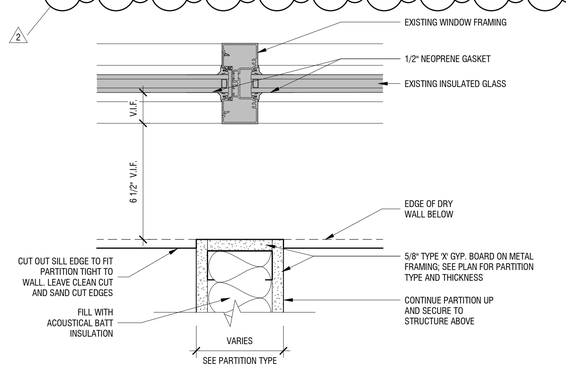
- 0 — NON-RATED CMU OR METAL STUD PARTITION
- 1 — 1 HR RATED CMU OR METAL STUD PARTITION (PER UL DESIGN NO.)
- 2 — 2 HR RATED CMU OR METAL STUD PARTITION (PER UL DESIGN NO.)

ACCESSORIES SUFFIX

- a — ABUSE RESISTANT GYPSUM WALL BOARD- REFER TO SPECIFICATIONS
- b — GYPSUM WALL BOARD & ACOUSTICAL INSULATION TO DECK ABOVE (BOTH SIDES WHERE APPLICABLE); SMOKE STOP ALL PENETRATIONS
- c — GYPSUM WALL BOARD TO 8" ABOVE CEILING (BOTH SIDES WHERE APPLICABLE)



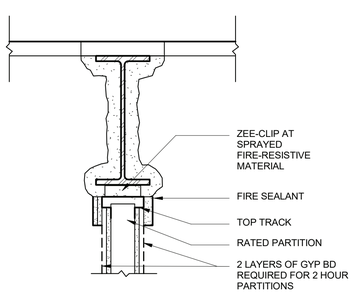
2 / A002 PLAN DETAIL - METAL STUD INTERIOR PARTITION
SCALE: 3" = 1'-0"



1 / A002 PARTITION @ EXT. MULLION
SCALE: 3" = 1'-0"

GENERAL PARTITION NOTES

1. ALL PARTITION EXTEND TO BOTTOM OF CONCRETE FLOOR TO METAL DECK ABOVE UNLESS OTHERWISE INDICATED.
2. FILL FLUTES IN METAL DECK ABOVE PARTITION WITH FIRE SAFING INSULATION AND FIRE STOP ENTIRE PERIMETER AT RATED PARTITIONS, AND EXTERIOR WALLS WITH A UL LISTED JOINT SYSTEM FIRESTOP ASSEMBLY.
3. PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURE/ METAL DECK ABOVE.
4. ALL NON-BEARING PARTITIONS SHALL BE CONSTRUCTED TO LIMIT DEFLECTION BASED ON CHAPTER 16 TABLE 1604
5. ALL PENETRATIONS IN FIRE RATED PARTITIONS TO BE FIRE STOPPED AND SEALED.
6. ALL PARTITIONS SHALL BE SEALED TO PREVENT PASSAGE OF SMOKE.
7. CONTRACTOR TO REFER TO CODE/LIFE SAFETY DRAWINGS FOR RATED PARTITIONS.
8. PROVIDE MOISTURE RESISTANT GYPSUM BOARD AT ALL WET LOCATIONS AND AREAS TO RECEIVE WALL TILE, REFER TO SPECIFICATION IN PROJECT MANUAL.
9. REFER TO STRUCTURAL DRAWINGS FOR MASONRY WALL REINFORCEMENT.
10. PROVIDE DOUBLE FRAMING AT ALL DOOR, WINDOW AND CASED OPENINGS JAMBS AND HEAD CONDITIONS.
11. FOR ALL PARTITIONS, COORDINATE AND PROVIDE BLOCKING FOR ALL BUT NOT LIMITED TO WALL MOUNTED ARCHITECTURAL WOODWORK, FINISH CARPENTRY, TOILET PARTITIONS AND ACCESSORIES, EQUIPMENT, HANDRAILS, HARDWARE AND SIMILAR MOUNTED ITEMS.
12. PARTITIONS TO BE S3.0b UNLESS OTHERWISE NOTED.



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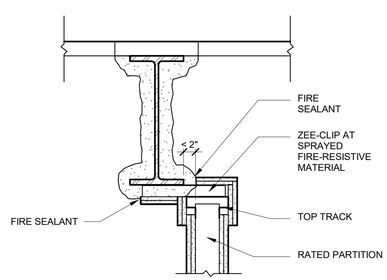

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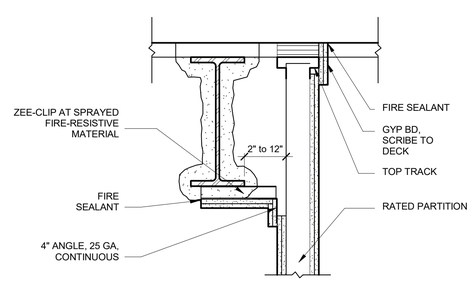

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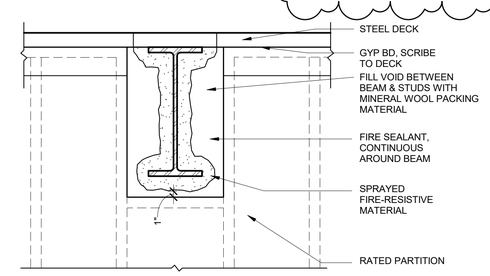

UL# HW-D-OO69
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BLOCKING AND MOUNTING DIAGRAMS

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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SUNY BROOME
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Decker Hall - Dental Hygiene Clinic Renovations
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NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

PARTITION TYPES

DRAWING NUMBER:

A002

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DEMO KEYNOTES	
D1	REMOVE METAL STUD AND GYPSUM BOARD WALL AND/OR METAL FURRING TO EXTENT SHOWN. PATCH & REPAIR WALLS, FLOORS, AND CEILINGS TO MATCH ADJACENT SURFACES AND/OR TO RECEIVE SCHEDULED FINISHES WHEN INDICATED.
D1.1	PARTITION TO REMAIN; REMOVE ALL MOUNTED ITEMS/EQUIPMENT, ASSESSORIES (SOAP DISPENSORS, PAPER TOWEL HOLDERS, ETC.), AV EQUIPMENT AND ASSOCIATED COMPONENTS, AND WALL DECOR; TURN OVER TO OWNER. PATCH AND PREP PARTITIONS AFFECTED BY REMOVAL FOR NEW FINISHES; SEE FINISH DRAWINGS FOR ADDITIONAL INFORMATION.
D1.3	PARTITION TO REMAIN; REMOVE 3'-4" HIGH WALL TILE & BACKER BOARD TO STUD THROUGHOUT. PREP STUD FOR NEW TILE BACKER AND PREP WALL FOR NEW FINISHES; SEE FINISH DRAWINGS FOR ADDITIONAL INFORMATION.
D1.4	PARTITION TO REMAIN. REMOVE DRYWALL AT FULL HEIGHT STUD BAY TO ACCOMMODATE NEW PLUMBING LINES. COORDINATE LOCATION WITH PC.
D1.5	PARTITION TO REMAIN; REMOVE ALL WALL MOUNTED EQUIPMENT; TURN OVER TO OWNER FOR STORAGE AND REINSTALL AFTER NEW FINISHES ARE COMPLETE. SEE FINISH DRAWINGS FOR ADDITIONAL INFORMATION.
D2	REMOVE FLOORING, SUBSTRATE & WALL BASE DOWN TO FLOOR SLAB; PREP FLOOR SLAB FOR NEW FINISHES. PATCH/SELFLEVEL EXISTING FLOORS AS REQUIRED; FILL CRACKS, HOLES, AND DEPRESSIONS WITH LEVELING/PATCHING COMPOUND AND REMOVE BUMPS AND RIDGES TO PRODUCE UNIFORM AND SMOOTH SUBSTRATE THAT TRANSITIONS TO MEET ADJACENT CONDITIONS. SEE NEW WORK AND FINISH DRAWINGS.
D2.1	REMOVE CARPET, CARPET UNDERLAYMENT, ADHESIVE, AND WALL BASE; PREP FOR NEW FINISHES.
D2.2	REMOVE CERAMIC FLOOR TILE, WALL BASE, AND MORTAR SETTING BED DOWN TO EXISTING SLAB. PREP FLOOR SLAB FOR NEW FINISHES & PATCH/SELFLEVEL EXISTING FLOORS AS REQUIRED; FILL CRACKS, HOLES, AND DEPRESSIONS WITH LEVELING/PATCHING COMPOUND. AND REMOVE BUMPS & RIDGES TO PRODUCE A UNIFORM AND SMOOTH SUBSTRATE THAT TRANSITIONS TO MEET ADJACENT CONDITIONS. ASSUME FLOOR PREP WORK WILL REQUIRE UP TO 25% OF THE ROOM AREA. PREP FOR NEW WORK; MUD BED REQUIRED WITH A MINIMAL THICKNESS OF 1/8" OVER THE LOWEST POINT (FLOOR DRAIN AREA). FINISH FLOOR TO MATCH CORRIDOR FINISH. SLOPE OF MUD BED TO 1/8" PER FOOT
D2.3	REMOVE RECESSED ALUMINIUM FLOOR MAT AND FRAME. INFILL AND PATCH/SELFLEVEL WITH COMPOUND TO PRODUCE UNIFORM AND SMOOTH SUBSTRATE THAT TRANSITIONS TO MEET ADJACENT CONDITIONS. FEATHER EDGE TO MATCH EXISTING FLOOR ELEVATION. INFILL THICKNESS OF GREATER THAN 1.5" WILL REQUIRE ADDITION OF AGGREGATE.
D3	REMOVE DOOR ,EXISTING FRAME TO REMAIN. MODIFY FRAME AS NECESSARY TO RECEIVE NEW SCHEDULED HARDWARE SET.
D3.1	REMOVE EXISTING DOOR, FRAME, & ALL ASSOCIATED HARDWARE. PREP OPENING FOR METAL STUD AND GYPSUM BOARD INFILL. TURN OVER HARDWARE TO OWNER.
D3.2	REMOVE EXISTING DOOR, FRAME, & HARDWARE. TURN OVER HARDWARE TO OWNER.
D3.3	REMOVE EXISTING DOOR & HARDWARE, FRAME TO REMAIN. MODIFY FRAME AS NECESSARY TO RECEIVE NEW SCHEDULED HARDWARE SET.
D3.4	REMOVE EXISTING GATE & HARDWARE, FRAME TO REMAIN. PREP FRAME FOR INSTALLATION OF NEW SCHEDULED DOOR & ASSOCIATED HARDWARE. SEE NEW WORK DRAWINGS.
D3.5	REMOVE EXISTING HARDWARE. TURN OVER TO THE FACILITY. EXISTING DOOR AND FRAME TO REMAIN. MODIFY DOOR AND FRAME AS NECESSARY TO RECEIVE NEW SCHEDULED HARDWARE SET.
D4	REMOVE EXISTING WINDOW FRAME, GLASS, COUNTER, AND ASSOCIATED ACCESSORIES. PREPARE FOR INSTALLATION OF SCHEDULED WINDOW.
D4.1	REMOVE ENTIRE DOOR PANEL AND STORE FRONT SYSTEM INCLUDING BUT NOT LIMITED TO DOOR PANEL, FRAME, HARDWARE.

DEMO KEYNOTES	
D5	REMOVE CEILING SYSTEM INCLUDING BUT NOT LIMITED TO, ACT, SUPPORT SYSTEMS, GYP. SOFFITS, GYP BULK HEADS, LIGHT FIXTURES AND ANY OTHER CEILING MOUNTED ITEMS. PATCH & PREP WALLS AFFECTED BY REMOVAL TO MATCH ADJACENT SURFACES AND PREP FOR NEW SCHEDULED CEILING. COORDINATE WITH MEP DRAWINGS FOR ADDITIONAL INFORMATION.
D6	REMOVE FUME HOOD; COORDINATE WITH MEP DRAWINGS FOR DISCONNECTION.
D6.1	REMOVE LAB TABLES; SEE PLUMBING DRAWINGS FOR DISCONNECTION. PREP FLOOR AS REQUIRED TO SUIT INSTALLATION FOR NEW LAB TABLES WITH REQUIRED PLUMBING/UTILITIES; SEE MEP DRAWINGS FOR LOCATION AND EXTENT.
D6.2	REMOVE EXISTING LOCKERS AND BASE. PATCH AND PREP WALLS AND FLOOR AS NECESSARY TO RECEIVE NEW FINISHES. SEE FINISH DRAWINGS.
D7	REMOVE ALL EXISTING MILLWORK AND ASSOCIATED COMPONENTS. SEE MEP DRAWINGS FOR ADDITIONAL INFORMATION. PREPARE FOR NEW WORK. TURN OVER ANY EQUIPMENT TO OWNER.
D7.1	FLOOR MOUNTED PANORAMIC DENTAL X-RAY EQUIPMENT TO BE REMOVED AND STORED BY OWNER SELECTED MOVER; PREP FLOOR FOR NEW FINISH. REINSTALLATION BY OWNERS MOVER ; SEE E DRAWINGS FOR COORDINATION.
D7.2	WALL MOUNTED X-RAY EQUIPMENT TO BE REMOVED AND STORED FOR REINSTALLTION
D7.4	REMOVE EXISTING OWNER FURNITURE AND STORE FOR REINSTALLTION.
D7.5	WALL MOUNTED X-RAY EQUIPMENT TO BE REMOVED AND DISPOSED OF BY DENTAL EQUIPMENT SUPPLIER; PREP WALL FOR INSTALLATION OF NEW EQUIPMENT;
D8	REMOVE PLUMBING FIXTURE(S), CAP & SEAL SUPPLY & SANITARY LINES AS REQUIRED. AT SINK REMOVAL, PATCH AND PREP WALLS AND FLOORING TO MATCH ADJACENT SURFACES AND/OR TO RECEIVE NEW FINISHES. SEE PLUMBING DRAWINGS FOR MORE INFORMATION.
D8.1	REMOVE WALL HUNG TOILET ACCESSORIES; PATCH AND PREP ALL WALLS AFFECTED BY DEMOLITION TO RECEIVE NEW FINISHES.
D8.2	REMOVE TOILET PARTITIONS & ALL ASSOCIATED COMPONENTS; PATCH ALL WALLS AFFECTED BY REMOVAL AND PREP FOR NEW FINISH.
D8.3	REMOVE EXISTING SINK FAUCETS AND PREPARE FOR INSTALLATION OF NEW SCHEDULED HARDWARE.
D8.4	DRINKING FOUNTAINS TO REMAIN.
D8.5	REMOVE EXISTING FILE CABINETS; TURN OVER TO OWNER.
D9	SAW CUT AND REMOVE SLAB ON GRADE TO EXTENT NEEDED FOR INSTALLATION OF UNDER SLAB UTILITIES. COORDINATE WITH PC FOR EXACT SAW CUT LOCATIONS.
D10	REMOVE WOOD WINDOW SILLS AT ALL UPPER WINDOWS IN THE MAIN AND MINI CLINICS.
D11	REMOVE AND STORE FOR REINSTALLATION ALL WINDOW VERTICAL BLINDS AND HARDWARE IN THE MAIN AND MINI CLINICS.
D12	REMOVE ALL PLAQUES AND STORE FOR RE-INSTALLATION. LAYOUT OF PLAQUES FOR RE-INSTALLATION WILL BE COORDINATED WITH AN OWNERS REPRESENTATIVE.
D13	REMOVE MAIL SLOTS AND SAVE FOR REINSTALLATION
D14	REMOVE FIRE EXTINGUISHER, WALL HOOK, AND ALL ASSOCIATED HARDWARE AND SIGNAGE. SAVE FOR RESINSTALLATION

DEMOLITION LEGEND:

SAW CUT AND REMOVE EXISTING SLAB ON GRADE, FOR INSTALLATION OF UNDER SLAB UTILITIES. SEE 1/A700 FOR SLAB ON GRADE INFILL.

LIFE SAFETY LEGEND:

EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER

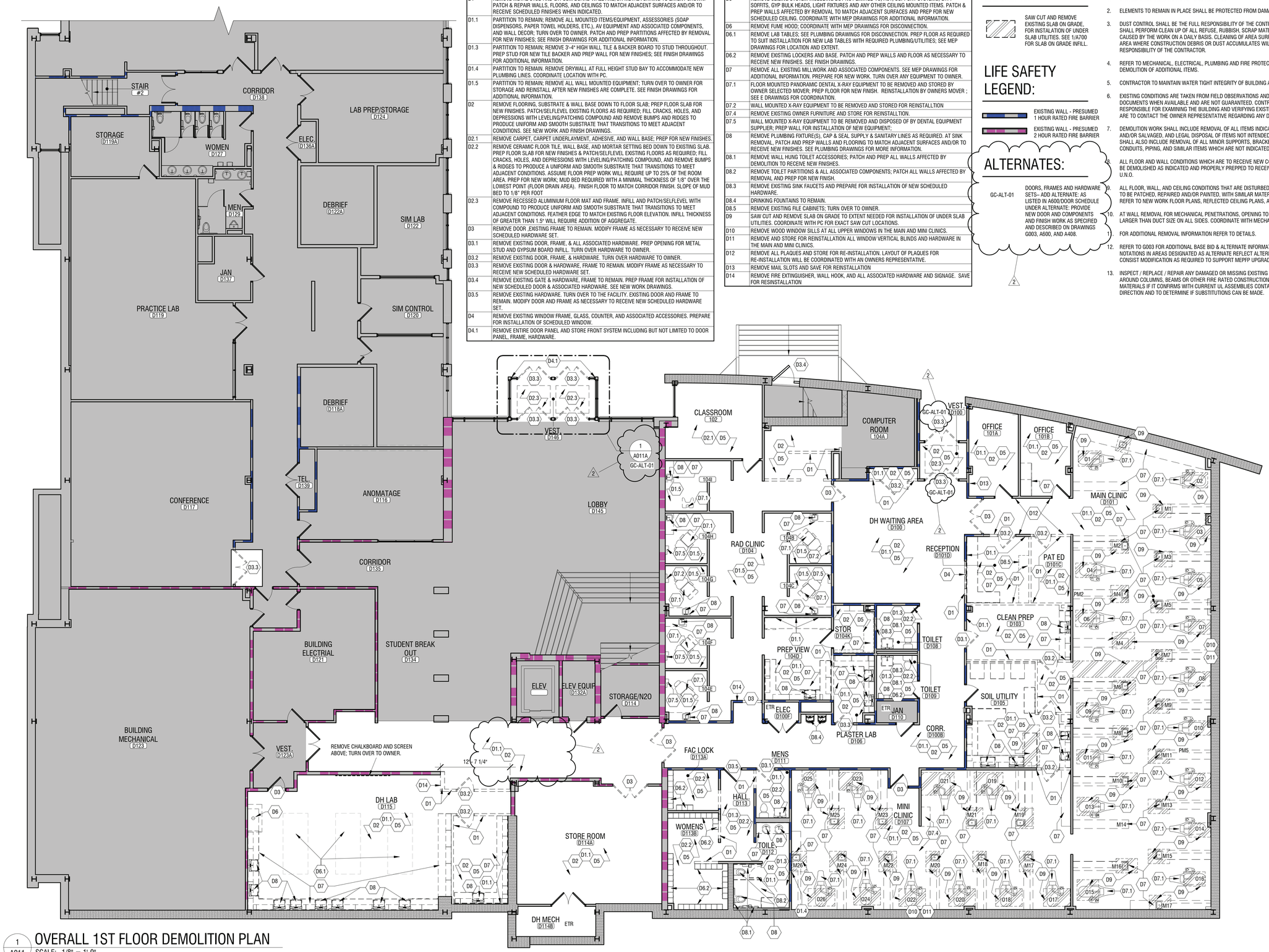
EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER

ALTERNATES:

GC-ALT-01 — DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE: AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWINGS G003, A600, AND A408.

GENERAL REMOVAL NOTES:

1. DASHED LINES INDICATE ITEMS TO BE REMOVED.
2. ELEMENTS TO REMAIN IN PLACE SHALL BE PROTECTED FROM DAMAGE, DUST AND DEBRIS.
3. DUST CONTROL SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PERFORM CLEAN UP OF ALL REFUSE, RUBBISH, SCRAP MATERIALS AND DEBRIS CAUSED BY THE WORK ON A DAILY BASIS. CLEANING OF AREA SURROUNDING THE WORK AREA WHERE CONSTRUCTION DEBRIS OR DUST ACCUMULATES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTIONS DRAWINGS FOR DEMOLITION OF ADDITIONAL ITEMS.
5. CONTRACTOR TO MAINTAIN WATER TIGHT INTEGRITY OF BUILDING AT ALL TIMES.
6. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED. CONTRACTORS ARE RESPONSIBLE FOR EXAMINING THE BUILDING AND VERIFYING EXISTING CONDITIONS AND ARE TO CONTACT THE OWNER REPRESENTATIVE REGARDING ANY DISCREPANCIES.
7. DEMOLITION WORK SHALL INCLUDE REMOVAL OF ALL ITEMS INDICATED TO BE REMOVED AND/OR SALVAGED, AND LEGAL DISPOSAL OF ITEMS NOT INTENDED FOR SALVAGE. WORK SHALL ALSO INCLUDE REMOVAL OF ALL MINOR SUPPORTS, BRACKETS, FASTENERS, CONDUITS, PIPING, AND SIMILAR ITEMS WHICH ARE NOT INDICATED TO REMAIN.
8. ALL FLOOR AND WALL CONDITIONS WHICH ARE TO RECEIVE NEW CONSTRUCTION ARE TO BE DEMOLISHED AS INDICATED AND PROPERLY PREPPED TO RECEIVE NEW FINISHES, U.N.O.
9. ALL FLOOR, WALL, AND CEILING CONDITIONS THAT ARE DISTURBED BY DEMOLITION ARE TO BE PATCHED, REPAIRED AND/OR PAINTED, WITH SIMILAR MATERIALS AND COLORS. REFER TO NEW WORK FLOOR PLANS, REFLECTED CEILING PLANS, AND FINISH SCHEDULE.
10. AT WALL REMOVAL FOR MECHANICAL PENETRATIONS, OPENING TO BE APPROXIMATELY 6" LARGER THAN DUCT SIZE ON ALL SIDES. COORDINATE WITH MECHANICAL DRAWINGS.
11. FOR ADDITIONAL REMOVAL INFORMATION REFER TO DETAILS.
12. REFER TO G003 FOR ADDITIONAL BASE BID & ALTERNATE INFORMATION. KEYNOTES & NOTATIONS IN AREAS DESIGNATED AS ALTERNATE REFLECT ALTERNATE WORK. BASE BID CONSIST MODIFICATION AS REQUIRED TO SUPPORT MEPFP UPGRADES IN THESE AREAS.
13. INSPECT / REPLACE / REPAIR ANY DAMAGED OR MISSING EXISTING FIRE PROOFING AROUND COLUMNS, BEAMS OR OTHER FIRE RATED CONSTRUCTION WITH THE SAME MATERIALS IF IT CONFIRMS WITH CURRENT UL ASSEMBLIES CONTACT ARCHITECT FOR DIRECTION AND TO DETERMINE IF SUBSTITUTIONS CAN BE MADE.



1 A011 OVERALL 1ST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

9/8/2026 6:35:42 PM

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Rochester, NY 14614
585-454-6110
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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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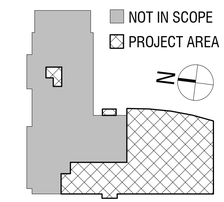
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905



KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

OVERALL 1ST FLOOR DEMOLITION PLAN

DRAWING NUMBER:

A011

DEMO KEYNOTES

DEMOLITION LEGEND:

SAW CUT AND REMOVE EXISTING SLAB ON GRADE, FOR INSTALATION OF UNDER SLAB UTILITIES. SEE 1/A700 FOR SLAB ON GRADE INFILL.

LIFE SAFETY LEGEND:

EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER

EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER

ALTERNATES:

GC-ALT-01 DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE: AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWINGS G003, A600, AND A408.

2

GENERAL REMOVAL NOTES:

1. DASHED LINES INDICATE ITEMS TO BE REMOVED.
2. ELEMENTS TO REMAIN IN PLACE SHALL BE PROTECTED FROM DAMAGE, DUST AND DEBRIS.
3. DUST CONTROL SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PERFORM CLEAN UP OF ALL REFUSE, RUBBISH, SCRAP MATERIALS AND DEBRIS CAUSED BY THE WORK ON A DAILY BASIS. CLEANING OF AREA SURROUNDING THE WORK AREA WHERE CONSTRUCTION DEBRIS OR DUST ACCUMULATES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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9. ALL FLOOR, WALL, AND CEILING CONDITIONS THAT ARE DISTURBED BY DEMOLITION ARE TO BE PATCHED, REPAIRED AND/OR PAINTED, WITH SIMILAR MATERIALS AND COLORS. REFER TO NEW WORK FLOOR PLANS, REFLECTED CEILING PLANS, AND FINISH SCHEDULE.
10. AT WALL REMOVAL FOR MECHANICAL PENETRATIONS, OPENING TO BE APPROXIMATELY 6" LARGER THAN DUCT SIZE ON ALL SIDES. COORDINATE WITH MECHANICAL DRAWINGS.
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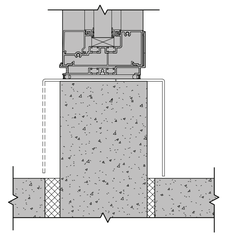
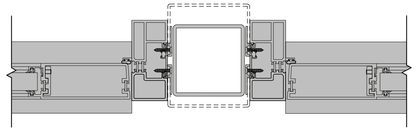
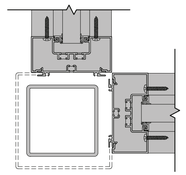


3 A011A VESTIBULE SILL FLASHING DEMO DETAIL
SCALE: 3" = 1'-0"

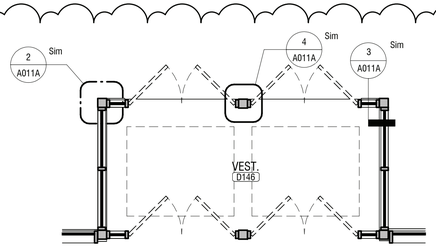


4 A011A VESTIBULE MIDDLE COLUMN DEMO DETAIL
SCALE: 3" = 1'-0"



2 A011A VESTIBULE CORNER REPLACEMENT PLAN DEMO DETAIL
SCALE: 3" = 1'-0"

2



SCOPE IS PART OF GC-ALT-01

1 A011A ENLARGED VESTIBULE D100 DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

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CERTIFICATE OF AUTHORIZATION NUMBER:
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SUNY BROOME

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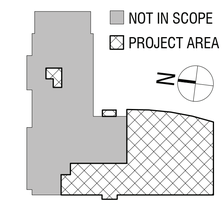


KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

ENLARGED 1ST FLOOR DEMOLITION PLAN

DRAWING NUMBER:

A011A

9/8/2026 6:35:42 PM

DEMO KEYNOTES	
D3	REMOVE DOOR ,EXISTING FRAME TO REMAIN. MODIFY FRAME AS NECESSARY TO RECEIVE NEW SCHEDULED HARDWARE SET.
D3.2	REMOVE EXISTING DOOR, FRAME, & HARDWARE. TURN OVER HARDWARE TO OWNER.
D3.3	REMOVE EXISTING DOOR & HARDWARE, FRAME TO REMAIN. MODIFY FRAME AS NECESSARY TO RECEIVE NEW SCHEDULED HARDWARE SET.

DEMOLITION LEGEND:

SAW CUT AND REMOVE EXISTING SLAB ON GRADE, FOR INSTALATION OF UNDER SLAB UTILITIES. SEE 1/A700 FOR SLAB ON GRADE INFILL.

LIFE SAFETY LEGEND:

EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER

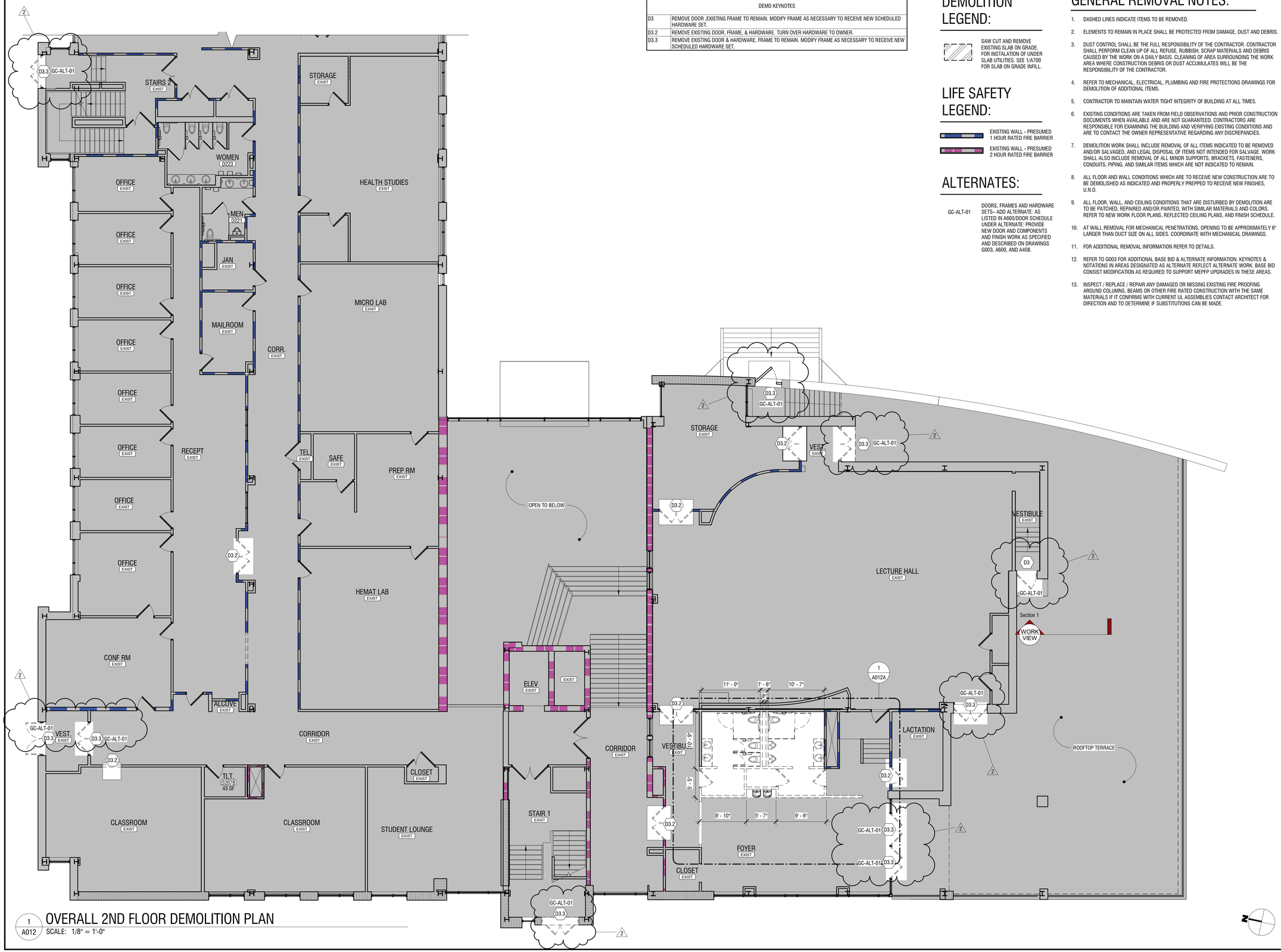
EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER

ALTERNATES:

GC-ALT-01 — DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE: AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWINGS G003, A600, AND A408.

GENERAL REMOVAL NOTES:

1. DASHED LINES INDICATE ITEMS TO BE REMOVED.
2. ELEMENTS TO REMAIN IN PLACE SHALL BE PROTECTED FROM DAMAGE, DUST AND DEBRIS.
3. DUST CONTROL SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL PERFORM CLEAN UP OF ALL REFUSE, RUBBISH, SCRAP MATERIALS AND DEBRIS CAUSED BY THE WORK ON A DAILY BASIS. CLEANING OF AREA SURROUNDING THE WORK AREA WHERE CONSTRUCTION DEBRIS OR DUST ACCUMULATES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. REFER TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTIONS DRAWINGS FOR DEMOLITION OF ADDITIONAL ITEMS.
5. CONTRACTOR TO MAINTAIN WATER TIGHT INTEGRITY OF BUILDING AT ALL TIMES.
6. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATIONS AND PRIOR CONSTRUCTION DOCUMENTS WHEN AVAILABLE AND ARE NOT GUARANTEED. CONTRACTORS ARE RESPONSIBLE FOR EXAMINING THE BUILDING AND VERIFYING EXISTING CONDITIONS AND ARE TO CONTACT THE OWNER REPRESENTATIVE REGARDING ANY DISCREPANCIES.
7. DEMOLITION WORK SHALL INCLUDE REMOVAL OF ALL ITEMS INDICATED TO BE REMOVED AND/OR SALVAGED, AND LEGAL DISPOSAL OF ITEMS NOT INTENDED FOR SALVAGE. WORK SHALL ALSO INCLUDE REMOVAL OF ALL MINOR SUPPORTS, BRACKETS, FASTENERS, CONDUITS, PIPING, AND SIMILAR ITEMS WHICH ARE NOT INDICATED TO REMAIN.
8. ALL FLOOR AND WALL CONDITIONS WHICH ARE TO RECEIVE NEW CONSTRUCTION ARE TO BE DEMOLISHED AS INDICATED AND PROPERLY PREPPED TO RECEIVE NEW FINISHES, U.N.O.
9. ALL FLOOR, WALL, AND CEILING CONDITIONS THAT ARE DISTURBED BY DEMOLITION ARE TO BE PATCHED, REPAIRED AND/OR PAINTED, WITH SIMILAR MATERIALS AND COLORS. REFER TO NEW WORK FLOOR PLANS, REFLECTED CEILING PLANS, AND FINISH SCHEDULE.
10. AT WALL REMOVAL FOR MECHANICAL PENETRATIONS, OPENING TO BE APPROXIMATELY 6" LARGER THAN DUCT SIZE ON ALL SIDES. COORDINATE WITH MECHANICAL DRAWINGS.
11. FOR ADDITIONAL REMOVAL INFORMATION REFER TO DETAILS.
12. REFER TO G003 FOR ADDITIONAL BASE BID & ALTERNATE INFORMATION. KEYNOTES & NOTATIONS IN AREAS DESIGNATED AS ALTERNATE REFLECT ALTERNATE WORK. BASE BID CONSIST MODIFICATION AS REQUIRED TO SUPPORT MEPFP UPGRADES IN THESE AREAS.
13. INSPECT / REPLACE / REPAIR ANY DAMAGED OR MISSING EXISTING FIRE PROOFING AROUND COLUMNS, BEAMS OR OTHER FIRE RATED CONSTRUCTION WITH THE SAME MATERIALS IF IT CONFIRMS WITH CURRENT UL ASSEMBLIES CONTACT ARCHITECT FOR DIRECTION AND TO DETERMINE IF SUBSTITUTIONS CAN BE MADE.



1 A012 OVERALL 2ND FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

9/8/2026 6:35:43 PM

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME

SUNY Broome Community College

907 Upper Front St., Binghamton, NY 13905

NOT IN SCOPE
PROJECT AREA

KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

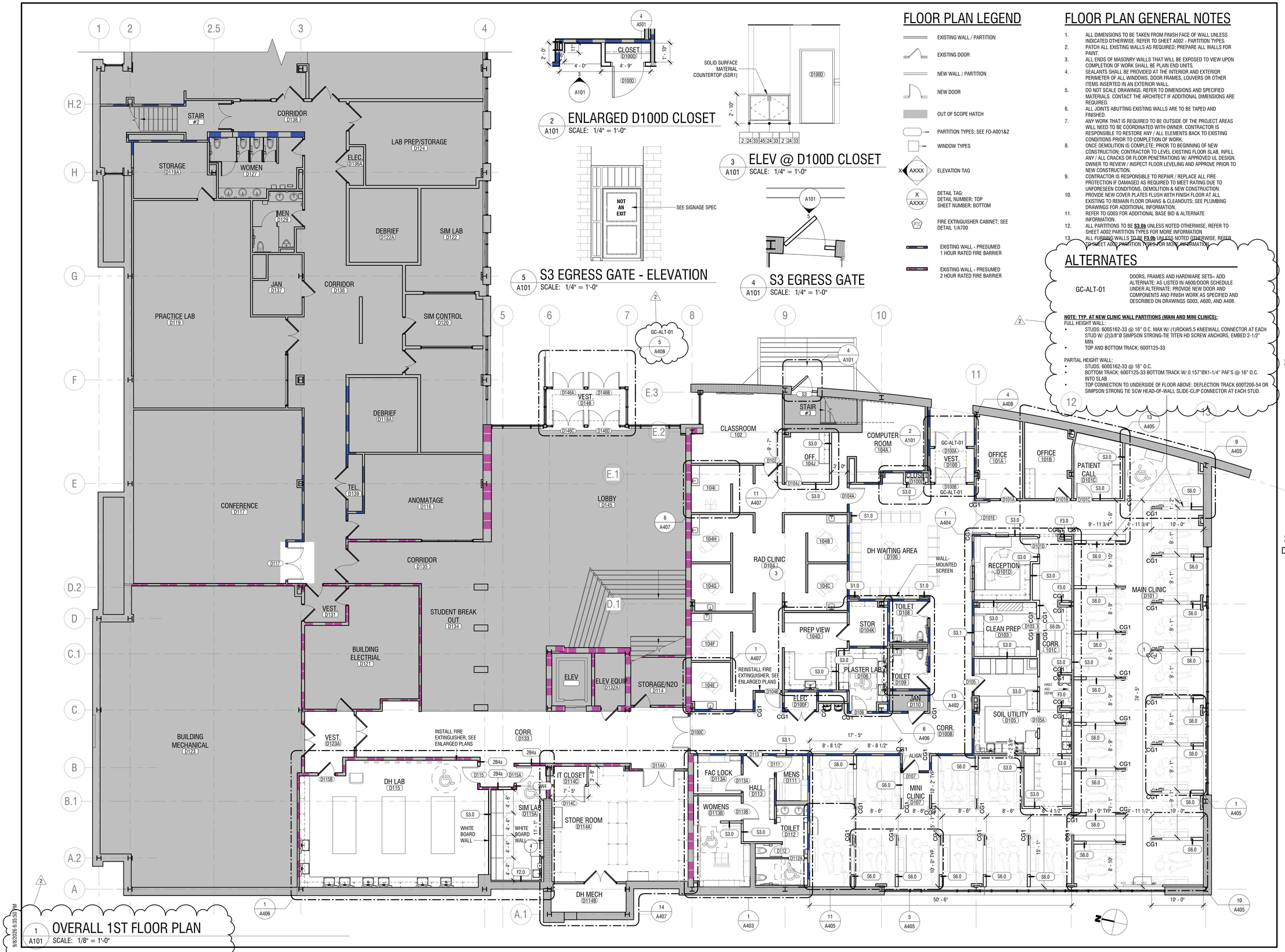
NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2
Revisions		

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

OVERALL 2ND FLOOR DEMOLITION PLAN

DRAWING NUMBER:

A012



FLOOR PLAN LEGEND

- EXISTING WALL / PARTITION
- EXISTING DOOR
- NEW WALL / PARTITION
- NEW DOOR
- OUT OF SCOPE HATCH
- PARTITION TYPES; SEE FO-A001&2
- WINDOW TYPES
- X AXXX — ELEVATION TAG
- X AXXX — DETAIL TAG: DETAIL NUMBER: TOP SHEET NUMBER: BOTTOM
- FIRE EXTINGUISHER CABINET; SEE DETAIL 1/A700
- EXISTING WALL - PRESUMED 1 HOUR RATED FIRE BARRIER
- EXISTING WALL - PRESUMED 2 HOUR RATED FIRE BARRIER

FLOOR PLAN GENERAL NOTES

1. ALL DIMENSIONS TO BE TAKEN FROM FINISH FACE OF WALL UNLESS INDICATED OTHERWISE. REFER TO SHEET A002 - PARTITION TYPES.
2. PATCH ALL EXISTING WALLS AS REQUIRED; PREPARE ALL WALLS FOR PAINT.
3. ALL ENDS OF MASONRY WALLS THAT WILL BE EXPOSED TO VIEW UPON COMPLETION OF WORK SHALL BE PLAIN END UNITS.
4. SEALANTS SHALL BE PROVIDED AT THE INTERIOR AND EXTERIOR PERIMETER OF ALL WINDOWS, DOOR FRAMES, LOUVERS OR OTHER ITEMS INSERTED IN AN EXTERIOR WALL.
5. DO NOT SCALE DRAWINGS. REFER TO DIMENSIONS AND SPECIFIED MATERIALS. CONTACT THE ARCHITECT IF ADDITIONAL DIMENSIONS ARE REQUIRED.
6. ALL JOINTS ABUTTING EXISTING WALLS ARE TO BE TAPED AND FINISHED.
7. ANY WORK THAT IS REQUIRED TO BE OUTSIDE OF THE PROJECT AREAS WILL NEED TO BE COORDINATED WITH OWNER. CONTRACTOR IS RESPONSIBLE TO RESTORE ANY / ALL ELEMENTS BACK TO EXISTING CONDITIONS PRIOR TO COMPLETION OF WORK.
8. ONCE DEMOLITION IS COMPLETE; PRIOR TO BEGINNING OF NEW CONSTRUCTION; CONTRACTOR TO LEVEL EXISTING FLOOR SLAB, INFILL ANY / ALL CRACKS OR FLOOR PENETRATIONS W/ APPROVED UL DESIGN. OWNER TO REVIEW / INSPECT FLOOR LEVELING AND APPROVE PRIOR TO NEW CONSTRUCTION.
9. CONTRACTOR IS RESPONSIBLE TO REPAIR / REPLACE ALL FIRE PROTECTION IF DAMAGED AS REQUIRED TO MEET RATING DUE TO UNFORESEEN CONDITIONS, DEMOLITION & NEW CONSTRUCTION.
10. PROVIDE NEW COVER PLATES FLUSH WITH FINISH FLOOR AT ALL EXISTING TO REMAIN FLOOR DRAINS & CLEANOUTS; SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
11. REFER TO G003 FOR ADDITIONAL BASE BID & ALTERNATE INFORMATION.
12. ALL PARTITIONS TO BE **S3.0b** UNLESS NOTED OTHERWISE, REFER TO SHEET A002 PARTITION TYPES FOR MORE INFORMATION
13. ALL FURRING WALLS TO BE **F3.0b** UNLESS NOTED OTHERWISE, REFER TO SHEET A002 PARTITION TYPES FOR MORE INFORMATION

ALTERNATES

GC-ALT-01 — DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE: AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWINGS G003, A600, AND A408.

NOTE: TYP. AT NEW CLINIC WALL PARTITIONS (MAIN AND MINI CLINICS):

FULL HEIGHT WALL:
- STUDS: 600S162-33 @ 16" O.C. MAX W/ (1)RCKW5.5 KNEEWALL CONNECTOR AT EACH STUD W/ (2)3/8"Ø SIMPSON STRONG-TIE TITEN HD SCREW ANCHORS, EMBED 2-1/2" MIN.
- TOP AND BOTTOM TRACK: 600T125-33

PARTIAL HEIGHT WALL:
- STUDS: 600S162-33 @ 16" O.C.
- BOTTOM TRACK: 600T125-33 BOTTOM TRACK W/ 0.157"Ø X1-1/4" PAF'S @ 16" O.C. INTO SLAB
- TOP CONNECTION TO UNDERSIDE OF FLOOR ABOVE: DEFLECTION TRACK 600T200-54 OR SIMPSON STRONG TIE SCW HEAD-OF-WALL SLIDE-CLIP CONNECTOR AT EACH STUD.

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SUNY BROOME

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PROJECT AREA

KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: CL / ST

REVIEWED BY: LW

ISSUED FOR: BID

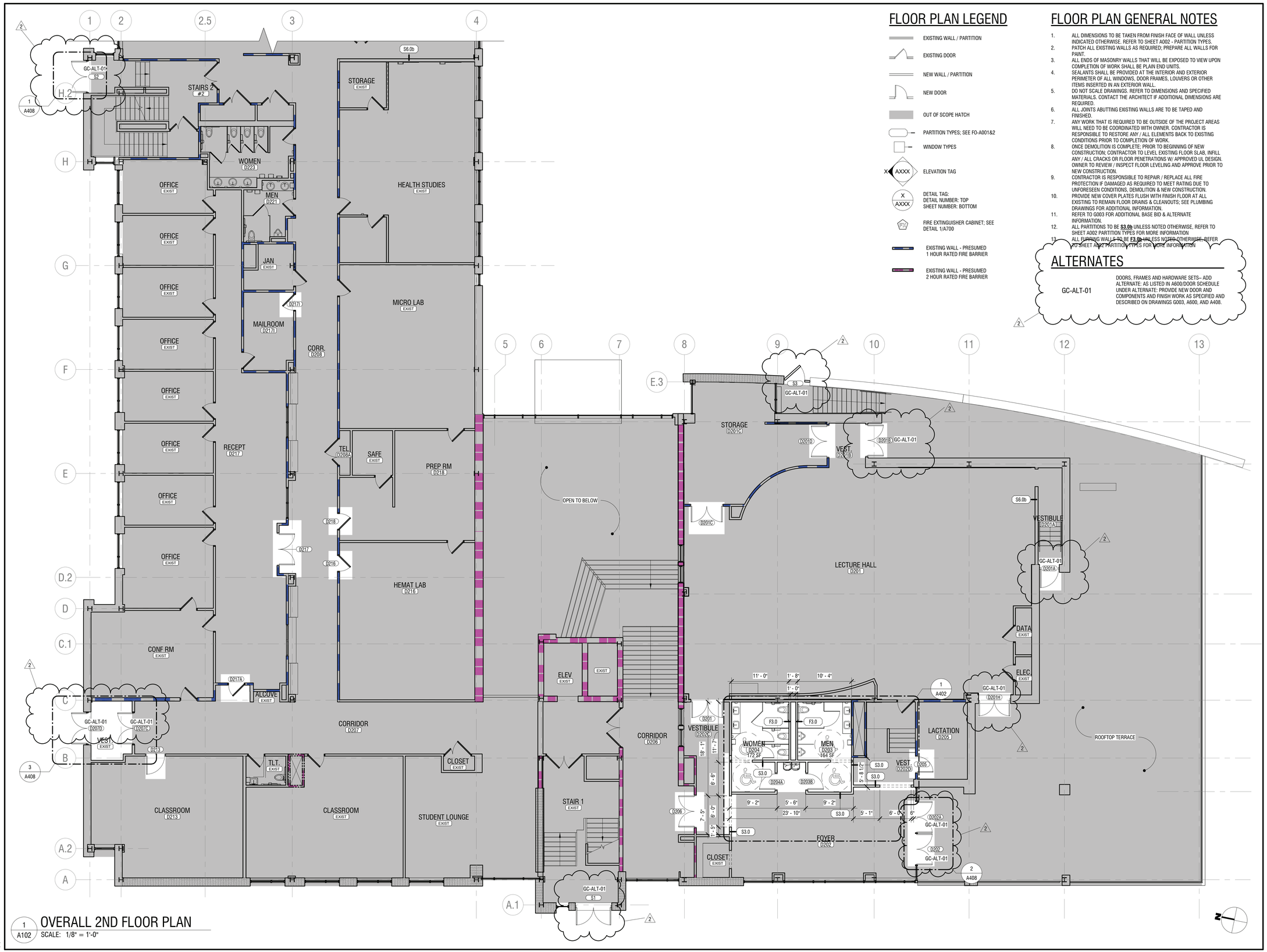
DATE: 08/14/2026

DRAWING NAME:

OVERALL 1ST FLOOR PLAN

DRAWING NUMBER:

A101



1 A102 OVERALL 2ND FLOOR PLAN

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

FLOOR PLAN LEGEND

- EXISTING WALL / PARTITION
- EXISTING DOOR
- NEW WALL / PARTITION
- NEW DOOR
- OUT OF SCOPE HATCH
- PARTITION TYPES; SEE F0-A001&2
- WINDOW TYPES
- X AXXX — ELEVATION TAG
- X / AXXX — DETAIL TAG: DETAIL NUMBER: TOP SHEET NUMBER: BOTTOM
- FEC — FIRE EXTINGUISHER CABINET; SEE DETAIL 1/A700
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FLOOR PLAN GENERAL NOTES

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11. REFER TO G003 FOR ADDITIONAL BASE BID & ALTERNATE INFORMATION.
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GC-ALT-01	DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE: AS LISTED IN A600/DOOR SCHEDULE UNDER ALTERNATE: PROVIDE NEW DOOR AND COMPONENTS AND FINISH WORK AS SPECIFIED AND DESCRIBED ON DRAWINGS G003, A600, AND A408.

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LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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SUNY BROOME

SUNY Broome Community College

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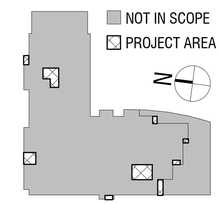


KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: ST

REVIEWED BY: GD/LW

ISSUED FOR: BID

DATE: 08/14/2026

DRAWING NAME:

OVERALL 2ND FLOOR PLAN

DRAWING NUMBER:

A102

9/8/2026 6:35:51 PM

GENERAL CEILING NOTES

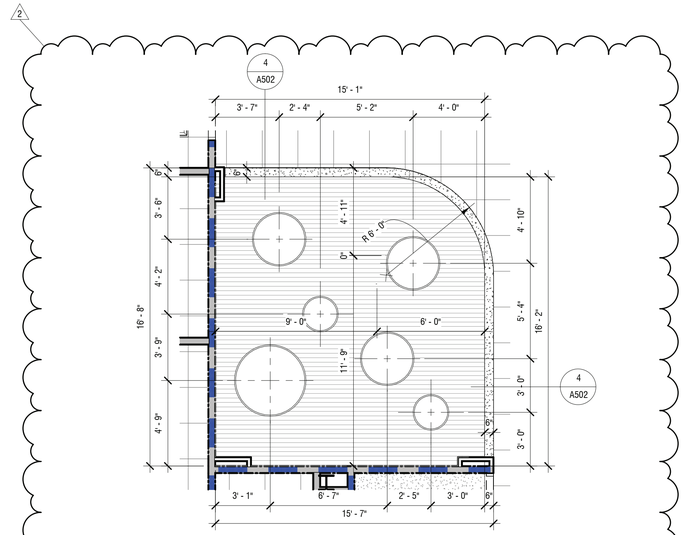
1. REFER TO INTERIORS, PLUMBING, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR ANY ADDITIONAL CEILING AND WALL MOUNTED ITEMS NOT SHOWN.
2. PROVIDE ACT-1 IN ALL LOCATIONS WHERE ACOUSTICAL CEILING PANEL IS SHOWN UNLESS OTHERWISE NOTED.
3. ALL GYPSUM BOARD CEILINGS TO BE FRAMED WITH 3-5/8" 16 GA. METAL STUDS @ 16" O.C.
4. ALL CLOSETS CEILINGS TO BE 8'-6" A.F.F. UNLESS NOTED OTHERWISE.
5. SOFFIT AND GWB CEILING PAINT COLORS ARE INDICATED ON REFLECTED CEILING PLANS OR INTERIOR DRAWINGS. PAINT ALL SIDES OF SOFFITS THE INDICATED COLOR.
6. ALL STAIR STEEL AND STAIR (UNDERSIDE) LANDINGS TO RECEIVE PAINT.
7. ALL GYPSUM BOARD OR PLASTER CEILINGS TO BE PAINTED PT1, UNLESS NOTED OTHERWISE.
8. ANY EXISTING TO REMAIN CEILING TO BE CLEANED AND PAINTED AS NECESSARY
9. CEILING GRID AND SUPPORTS ANGLES IN HIGHLIGTED AREA WILL NEED TO BE AND AND OR CUT TO FIT NEW TOILET ROOM WALLS LOCATIONS. INSTALL NEW CEILING TILES TO FIT THE NEW GRID LAYOUT.

CEILING TYPE INDICATIONS

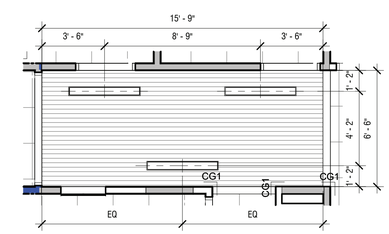
- 2 x 2 ACOUSTICAL CEILING PANELS (ACT-1)
- 2 x 2 ACOUSTICAL CEILING PANELS - CLEANABLE (ACT-2)
- SUSPENDED GWB CEILING/SOFFIT
- LINEAR PLANK TYPE CEILING (ACT-3)
- N.C. — NO CEILING
- ETR — EXISTING CEILING TO REMAIN

LEGEND

- LIGHTING - RECESSED CEILING FIXTURE (REFER TO ELECTRICAL DRAWINGS FOR TYPE)
- LIGHTING - PENDENT FIXTURE (REFER TO ELECTRICAL DRAWINGS FOR TYPE)
- LIGHTING - SURFACE MOUNTED (REFER TO ELECTRICAL)
- LIGHTING - SURFACE MOUNTED (REFER TO ELECTRICAL)
- LIGHTING - RECESSED CAN FIXTURE (LETTER DESIGNATION TYPE)
- SMOKE DETECTOR - CEILING MOUNTED (REFER TO FIRE PROTECTION)
- HEAT DETECTOR - CEILING MOUNTED (REFER TO FIRE PROTECTION)
- HVAC SUPPLY (REFER TO MECHANICAL)
- HVAC RETURN (REFER TO MECHANICAL)
- LINEAR SLOT DIFFUSER (REFER TO MECHANICAL)
- SINGLE FACE EXIT SIGN (REFER TO ELECTRICAL)
- PT # — CEILING FINISH TAG. REFER TO INTERIOR DWGS FOR COLOR AND FINISH LEGEND



2 A111A ENLARGED WAITING AREA REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



1 A111A ENLARGED CLINIC ENTRY REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

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SUNY BROOME

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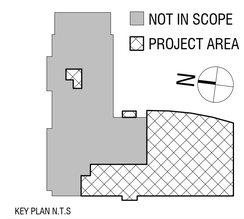

KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: ST / CL

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DATE: 08/14/2026

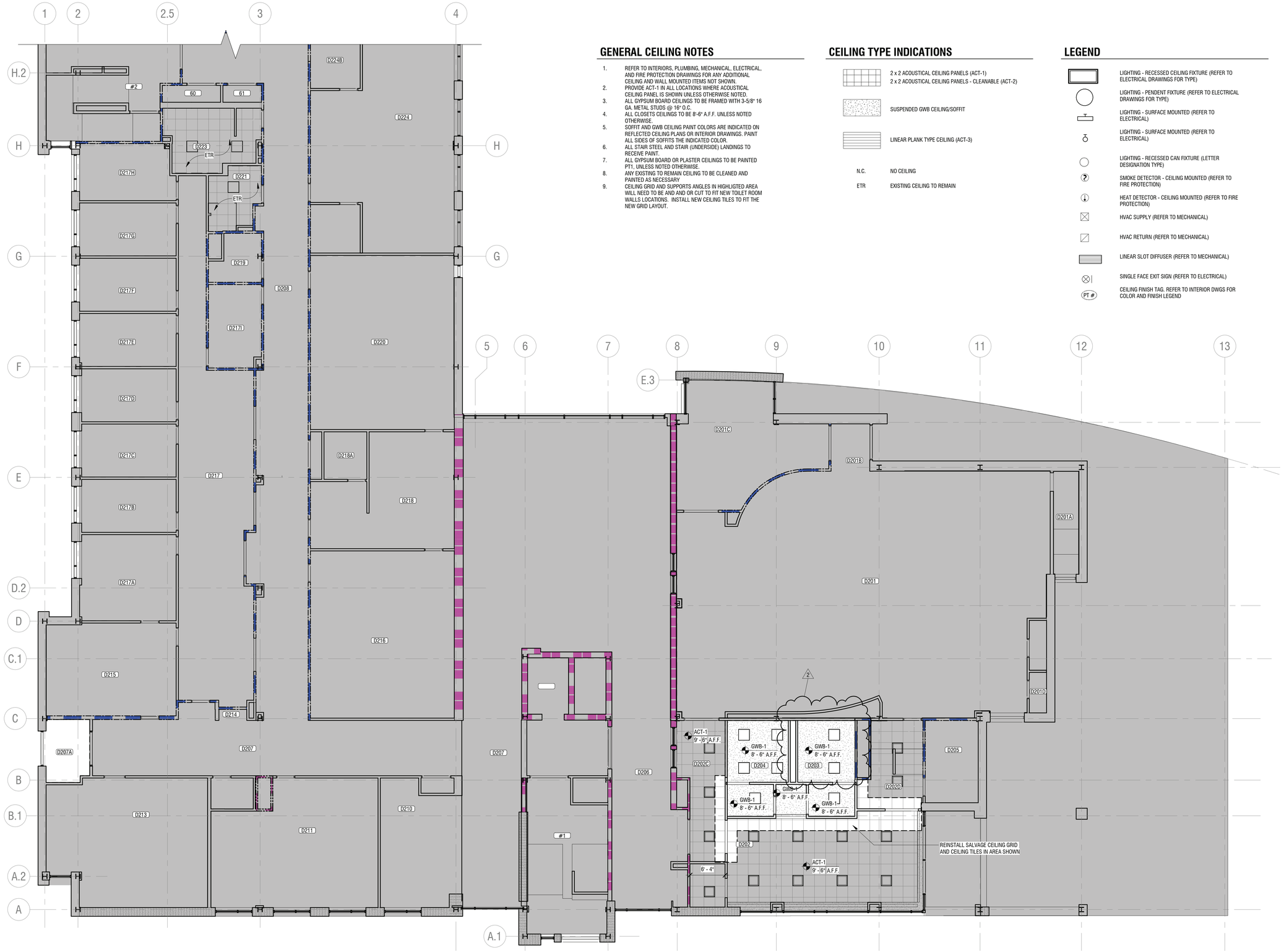
DRAWING NAME:

ENLARGED 1ST FLOOR REFLECTED CEILING PLAN

DRAWING NUMBER:

A111A

9/8/2026 6:35:51 PM



GENERAL CEILING NOTES

1. REFER TO INTERIORS, PLUMBING, MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR ANY ADDITIONAL CEILING AND WALL MOUNTED ITEMS NOT SHOWN.
2. PROVIDE ACT-1 IN ALL LOCATIONS WHERE ACOUSTICAL CEILING PANEL IS SHOWN UNLESS OTHERWISE NOTED.
3. ALL GYPSUM BOARD CEILINGS TO BE FRAMED WITH 3-5/8" 16 GA. METAL STUDS @ 16" O.C.
4. ALL CLOSETS CEILINGS TO BE 8'-6" A.F.F. UNLESS NOTED OTHERWISE.
5. SOFFIT AND GWB CEILING PAINT COLORS ARE INDICATED ON REFLECTED CEILING PLANS OR INTERIOR DRAWINGS. PAINT ALL SIDES OF SOFFITS THE INDICATED COLOR.
6. ALL STAIR STEEL AND STAIR (UNDERSIDE) LANDINGS TO RECEIVE PAINT.
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LEGEND

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- HVAC SUPPLY (REFER TO MECHANICAL)
- HVAC RETURN (REFER TO MECHANICAL)
- LINEAR SLOT DIFFUSER (REFER TO MECHANICAL)
- SINGLE FACE EXIT SIGN (REFER TO ELECTRICAL)
- PT # — CEILING FINISH TAG. REFER TO INTERIOR DWGS FOR COLOR AND FINISH LEGEND

1 / A112 OVERALL 2ND FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

9/8/2026 6:35:52 PM

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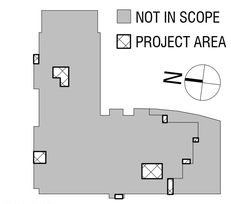

KEY PLAN N.T.S

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Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

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2	09/03/2026	BID ADDENDUM #2

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REVIEWED BY: GD, LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

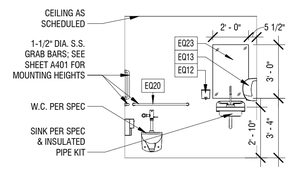
OVERALL 2ND FLOOR REFLECTED CEILING PLAN

DRAWING NUMBER:

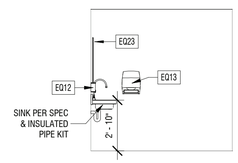
A112

EQUIPMENT & ACESSORY LIST

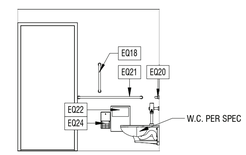
Note Value	Note Description	Furnished By	BLOCKING REQ'D	DATA REQ'D	PLUMBING REQ'D	POWER REQ'D	COMMENTS
EQ12	SOAP DISPENSER	OFCI	TYPE C				
EQ13	PAPER TOWEL DISPENSER	OFCI	TYPE C				
EQ18	18" GRAB BAR (VERTICAL)	CFCI	TYPE B				
EQ20	36" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ21	42" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ22	SANITARY NAPKIN DISPOSAL	CFCI	TYPE E				
EQ23	24" x 36" TG MIRROR W/ S.S. FRAME	CFCI	TYPE A				
EQ24	TOILET PAPER DISPENSER	OFCI	TYPE B/C				



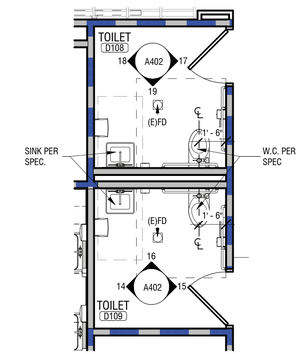
19 A402 TLT D108 - SOUTH
SCALE: 1/4" = 1'-0"



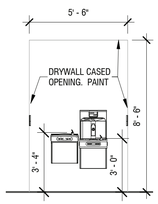
18 A402 TLT D108 - WEST
SCALE: 1/4" = 1'-0"



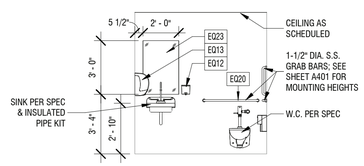
17 A402 TLT D108 - EAST
SCALE: 1/4" = 1'-0"



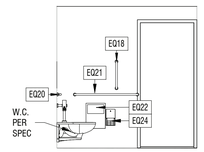
13 A402 ENLARGED D108 & D109 TLT PLAN
SCALE: 1/4" = 1'-0"



12 A402 2ND FL FOYER TLT RM DOOYWAY & WALL
SCALE: 1/4" = 1'-0"

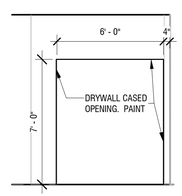


16 A402 TLT D109 - SOUTH
SCALE: 1/4" = 1'-0"

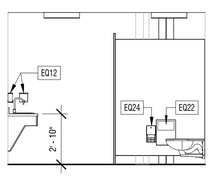


15 A402 TLT D109 - WEST
SCALE: 1/4" = 1'-0"

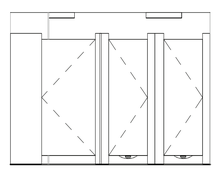
14 A402 TLT D109 - EAST
SCALE: 1/4" = 1'-0"



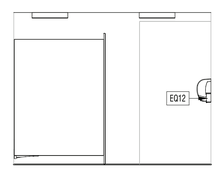
11 A402 2ND FL FOYER DOORWAY - NORTH
SCALE: 1/4" = 1'-0"



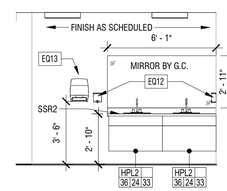
10 A402 TLT D204 - EAST
SCALE: 1/4" = 1'-0"



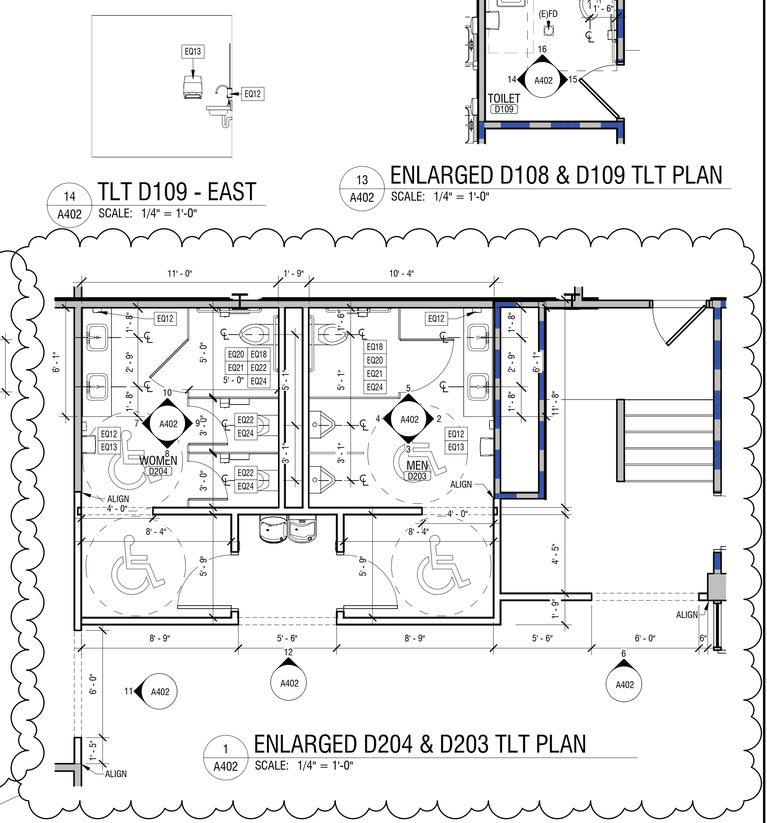
9 A402 TLT D204 - SOUTH
SCALE: 1/4" = 1'-0"



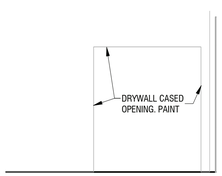
8 A402 TLT D204 - WEST
SCALE: 1/4" = 1'-0"



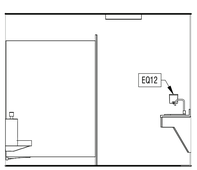
7 A402 TLT D204 - NORTH
SCALE: 1/4" = 1'-0"



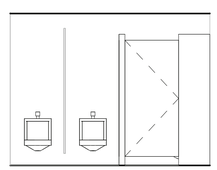
1 A402 ENLARGED D204 & D203 TLT PLAN
SCALE: 1/4" = 1'-0"



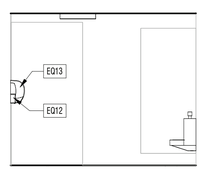
6 A402 2ND FL FOYER DOORWAY - EAST
SCALE: 1/4" = 1'-0"



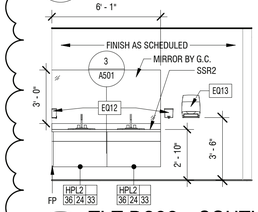
5 A402 TLT D203 - EAST
SCALE: 1/4" = 1'-0"



4 A402 TLT D203 - NORTH
SCALE: 1/4" = 1'-0"



3 A402 TLT D203 - WEST
SCALE: 1/4" = 1'-0"



2 A402 TLT D203 - SOUTH
SCALE: 1/4" = 1'-0"

LaBella
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300 State Street, Suite 201
Rochester, NY 14614
585-454-6110
labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME

SUNY Broome Community College

907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: CL / ST

REVIEWED BY: LW

ISSUED FOR: BID

DATE: 08/14/2026

DRAWING NAME:

ENLARGED TOILET ROOM PLANS & INTERIOR ELEVATIONS

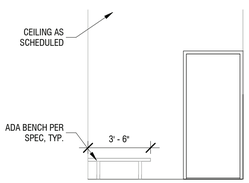
DRAWING NUMBER:

A402

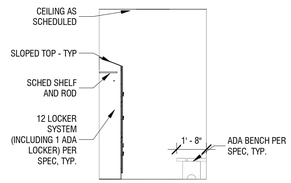
9/8/2026 6:35:56 PM

EQUIPMENT & ACESSORY LIST

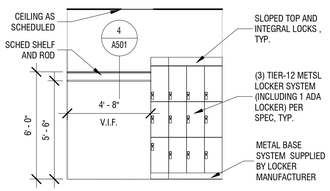
Note Value	Note Description	Furnished By	BLOCKING REQ'D	DATA REQ'D	PLUMBING REQ'D	POWER REQ'D	COMMENTS
EQ10	SHARPS DISPOSAL UNIT	OFCI					
EQ12	SOAP DISPENSER	OFCI	TYPE C				
EQ13	PAPER TOWEL DISPENSER	OFCI	TYPE C				
EQ18	18" GRAB BAR (VERTICAL)	CFCI	TYPE B				
EQ20	36" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ21	42" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ22	SANITARY NAPKIN DISPOSAL	CFCI	TYPE E				
EQ24	TOILET PAPER DISPENSER	OFCI	TYPE B/C				



17 A403 ELEV A @ MENS LOCK
SCALE: 1/4" = 1'-0"



16 A403 ELEV B @ MENS LOCK
SCALE: 1/4" = 1'-0"



15 A403 ELEV C @ MENS LOCK
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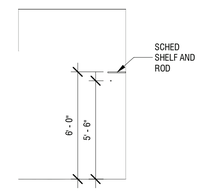

14 A403 ELEV D @ MENS LOCK
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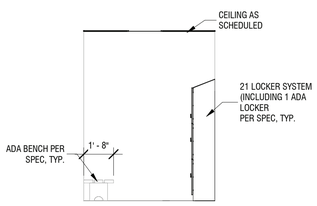
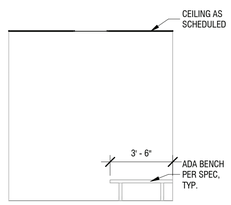


13 A403 ELEV D @ FAC LOCKER RM
SCALE: 1/4" = 1'-0"



12 A403 ELEV C @ FAC LOCKER RM
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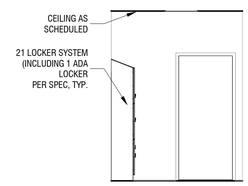

11 A403 ELEV B @ FAC LOCKER RM
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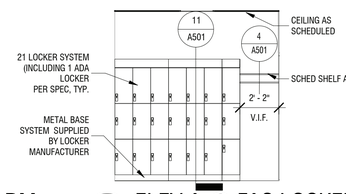
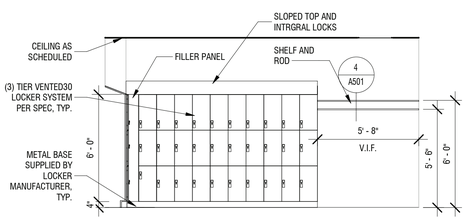


10 A403 ELEV A @ FAC LOCKER RM
SCALE: 1/4" = 1'-0"



9 A403 ELEV A @ WOMENS LOCK
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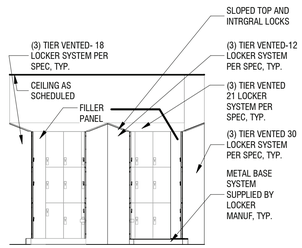

8 A403 ELEV B @ WOMENS LOCK
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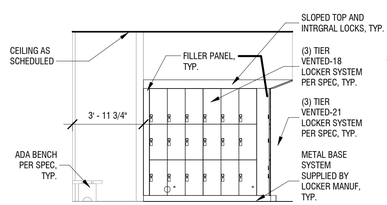
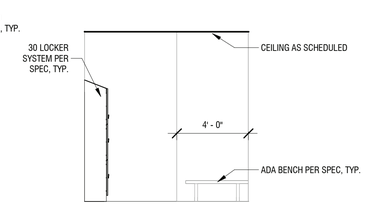
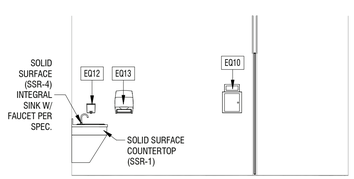


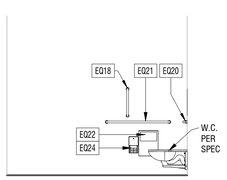
7 A403 ELEV C @ WOMENS LOCK
SCALE: 1/4" = 1'-0"



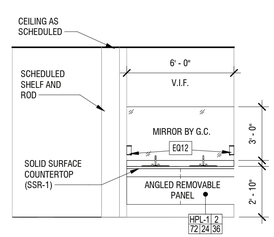
6 A403 ELEV D @ WOMENS LOCK
SCALE: 1/4" = 1'-0"



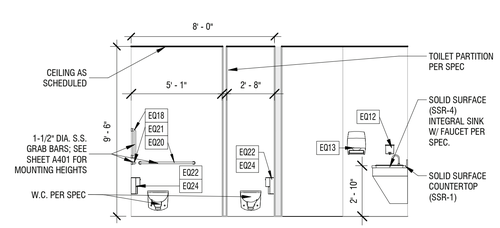
5 A403 TLT D112 - EAST
SCALE: 1/4" = 1'-0"



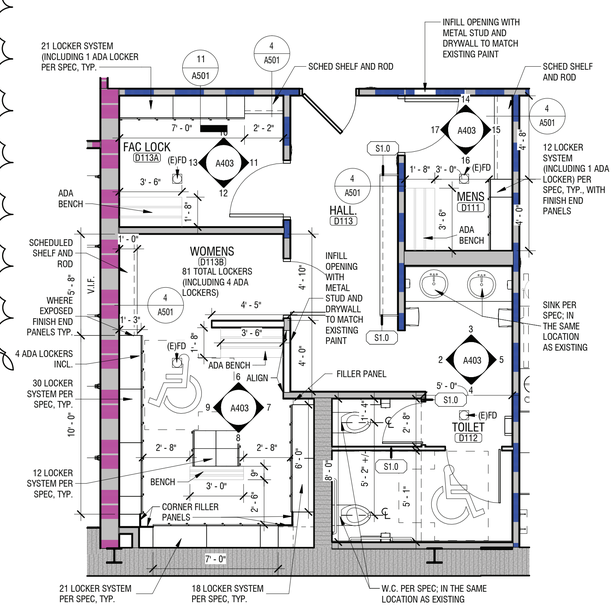
4 A403 TLT D112 - SOUTH
SCALE: 1/4" = 1'-0"



3 A403 TLT D112 - NORTH
SCALE: 1/4" = 1'-0"



2 A403 TLT D112 - WEST
SCALE: 1/4" = 1'-0"



1 A403 ENLARGED 1ST FLOOR LOCKER ROOM PLAN
SCALE: 1/4" = 1'-0"

LaBella
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300 State Street, Suite 201
Rochester, NY 14614
585-454-6110
labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME

SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: CL / ST
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

ENLARGED LOCKER ROOM PLANS & INTERIOR ELEVATIONS

DRAWING NUMBER:

A403

9/8/2026 6:25:33 AM

EQUIPMENT PLAN LEGEND

E00" EQUIPMENT TAG
TYP.

ABBREVIATIONS

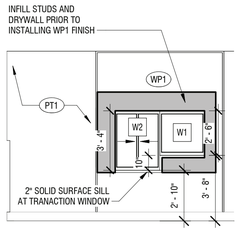
OFOI - OWNER FURNISHED, OWNER INSTALLED
CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFCI - OWNER FURNISHED, CONTRACTOR INSTALLED
VFVI - VENDOR FURNISHED, VENDOR INSTALLED
VFCI - VENDER FURNISHED, CONTRACTOR INSTALLED

NOTES:

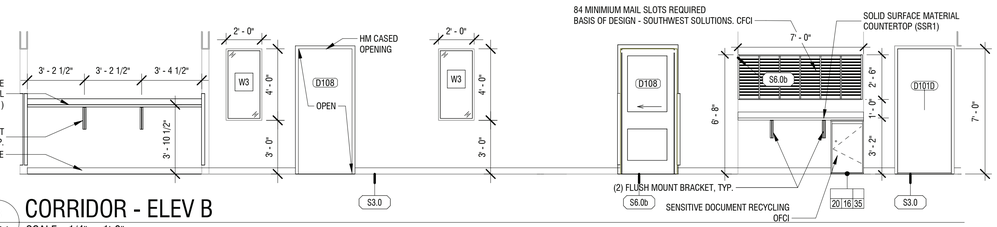
- REFER TO SHEET A400 FOR TOILET ROOM ACCESSORIES & MOUNTING HEIGHTS
-REFER TO SHEET A910 FOR EQUIPMENT LIST

- REFER TO FURNITURE PLAN FOR FURTHER INFORMATION

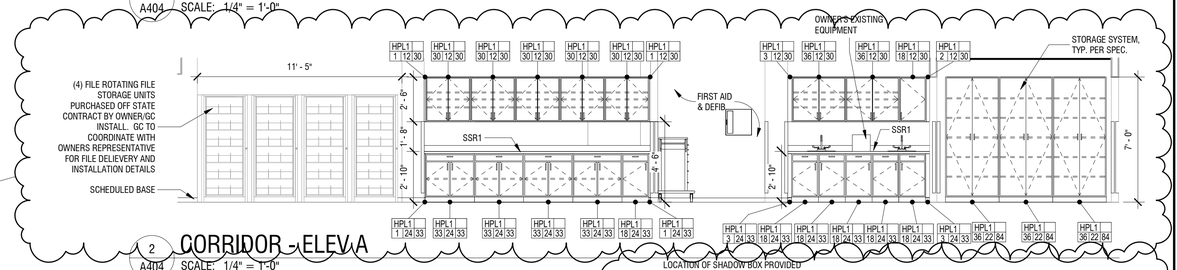
- REFER TO G003 FOR ALTERNATE INFORMATION



18 A404 RECEPTION - LOBBY
SCALE: 1/4" = 1'-0"



3 A404 CORRIDOR - ELEV B
SCALE: 1/4" = 1'-0"



2 A404 CORRIDOR - ELEV A
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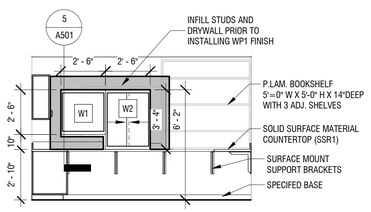
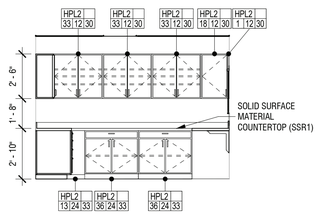
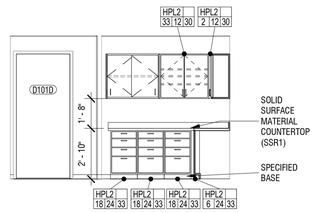


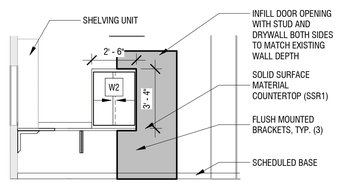
14 A404 RECEPTION - ELEV D
SCALE: 1/4" = 1'-0"



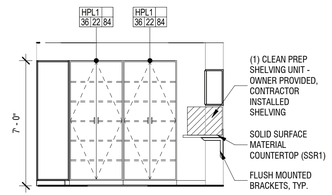
15 A404 RECEPTION - ELEV C
SCALE: 1/4" = 1'-0"



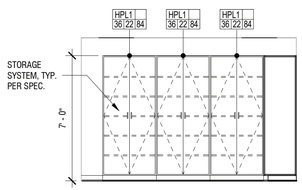
16 A404 RECEPTION - ELEV B
SCALE: 1/4" = 1'-0"



17 A404 RECEPTION - ELEV A
SCALE: 1/4" = 1'-0"



13 A404 CLEAN PREP - ELEV D
SCALE: 1/4" = 1'-0"



12 A404 CLEAN PREP - ELEV C
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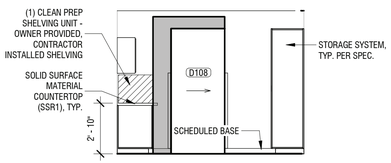
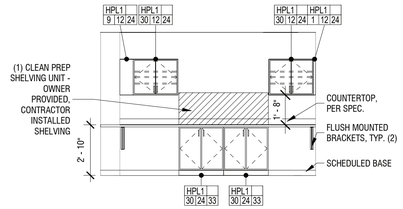
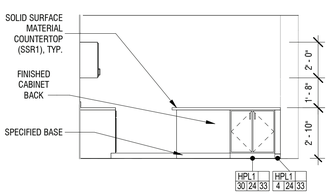


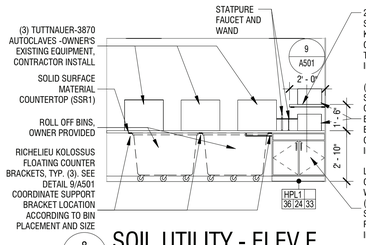
11 A404 CLEAN PREP - ELEV B
SCALE: 1/4" = 1'-0"



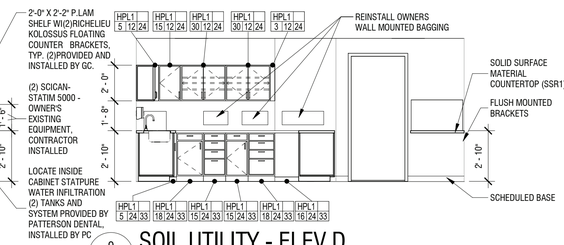
10 A404 CLEAN PREP - ELEV A
SCALE: 1/4" = 1'-0"



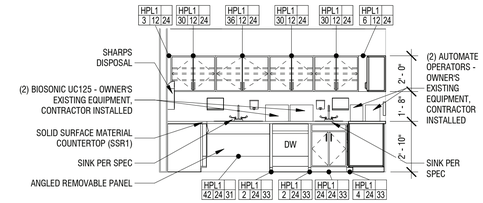
7 A404 SOIL UTILITY - ELEV F
SCALE: 1/4" = 1'-0"



8 A404 SOIL UTILITY - ELEV E
SCALE: 1/4" = 1'-0"



9 A404 SOIL UTILITY - ELEV D
SCALE: 1/4" = 1'-0"



6 A404 SOIL UTILITY - ELEV C
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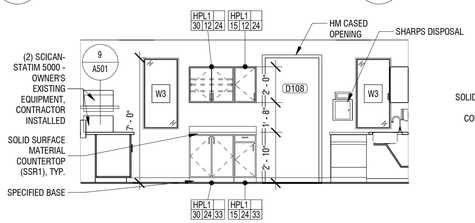

5 A404 SOIL UTILITY - ELEV B
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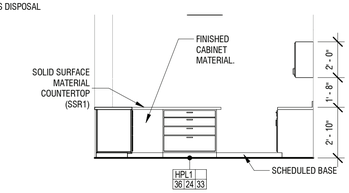
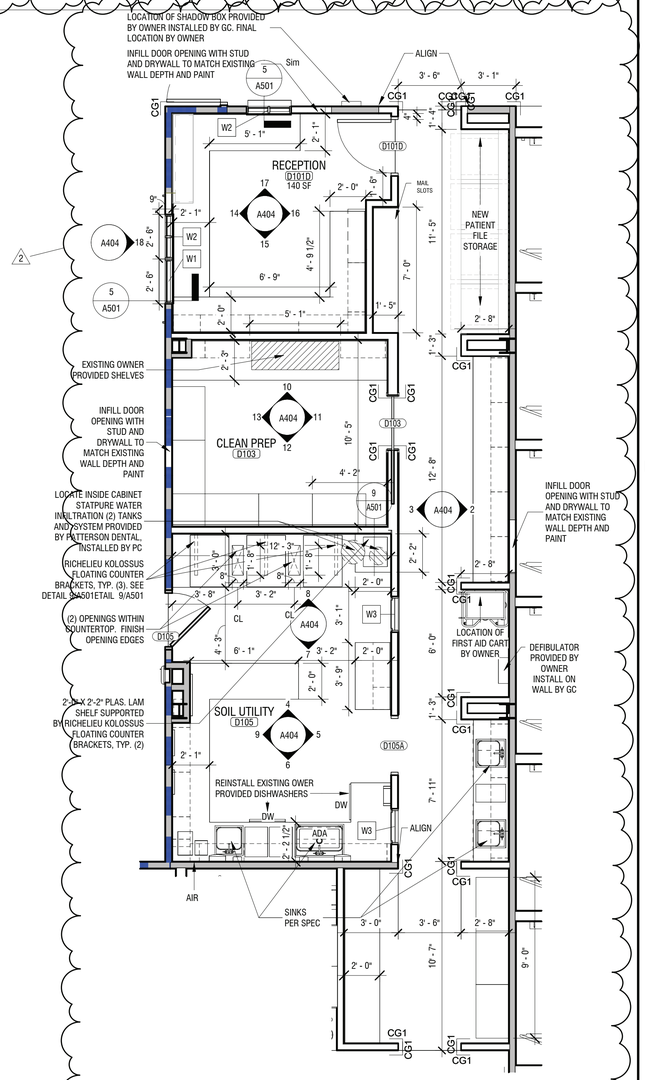


4 A404 SOIL UTILITY - ELEV A
SCALE: 1/4" = 1'-0"



1 A404 DENTAL HYGIENE SUPPORT AND CORRIDOR
SCALE: 1/4" = 1'-0"

9/8/2026 6:35:59 PM

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labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

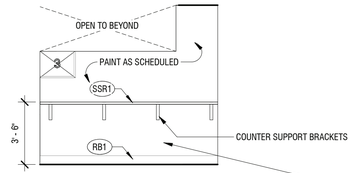
Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

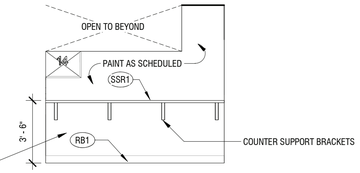
ENLARGED DENTAL HYGIENE SUPPORT PLANS & INTERIOR ELEVATIONS

DRAWING NUMBER:

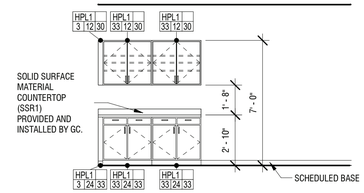
A404



20 A405 ELEVATION @ COUNTER CLINIC EAST
SCALE: 1/4" = 1'-0"



19 A405 ELEVATION @ COUNTER CLINIC WEST
SCALE: 1/4" = 1'-0"



18 A405 OFFICE 101B - ELEV
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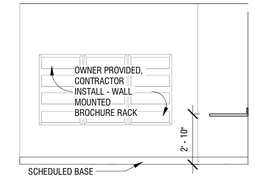
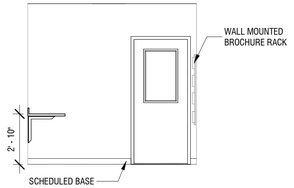


17 A405 PATIENT CALL - ELEV D
SCALE: 1/4" = 1'-0"



16 A405 PATIENT CALL - ELEV C
SCALE: 1/4" = 1'-0"

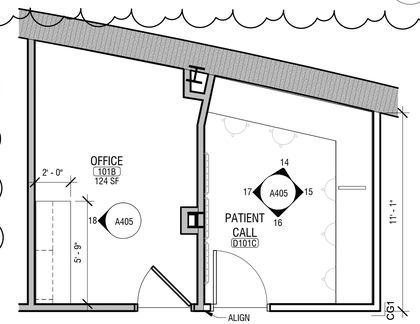
NOTE: TYP. AT NEW CLINIC WALL PARTITIONS (MAIN AND MINI CLINICS):

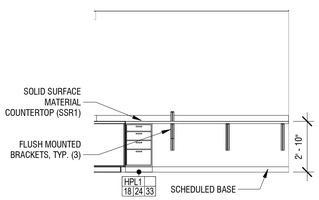
FULL HEIGHT WALL:

- STUDS: 600S162-33 @ 16" O.C. MAX W/ (1)RCKW5.5 KNEEWALL CONNECTOR AT EACH STUD W/ (2)3/8"Ø SIMPSON STRONG-TIE TITEN HD SCREW ANCHORS, EMBED 2-1/2" MIN.
- TOP AND BOTTOM TRACK: 600T125-33

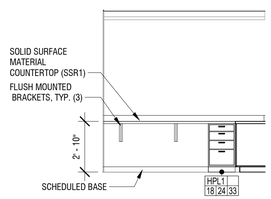
PARTIAL HEIGHT WALL:

- STUDS: 600S162-33 @ 16" O.C.
- BOTTOM TRACK: 600T125-33 BOTTOM TRACK W/ 0.157"Ø X1-1/4" PAF'S @ 16" O.C. INTO SLAB
- TOP CONNECTION TO UNDERSIDE OF FLOOR ABOVE: DEFLECTION TRACK 600T200-54 OR SIMPSON STRONG TIE SCW HEAD-OF-WALL SLIDE-CLIP CONNECTOR AT EACH STUD.



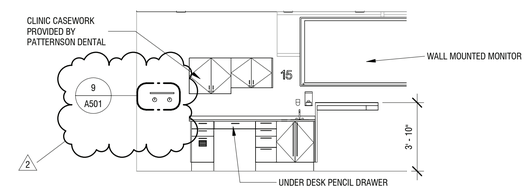


15 A405 PATIENT CALL - ELEV B
SCALE: 1/4" = 1'-0"

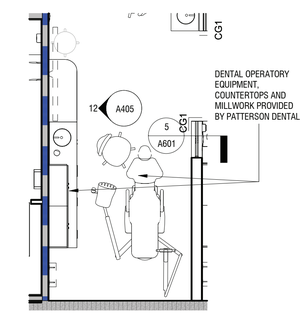


14 A405 PATIENT CALL - ELEV A
SCALE: 1/4" = 1'-0"

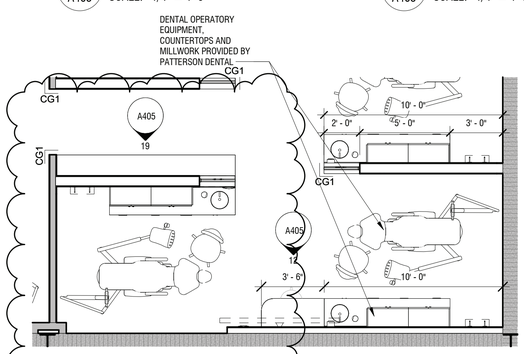
13 A405 ENLARGED OFFICE & PAT CALL PLAN
SCALE: 1/4" = 1'-0"



12 A405 ELEVATION @ END CLINIC, TYP.
SCALE: 1/4" = 1'-0"



11 A405 MINI CLINIC END OPERATORY PLAN
SCALE: 1/4" = 1'-0"



10 A405 MAIN CLINIC END OPERATORY PLAN
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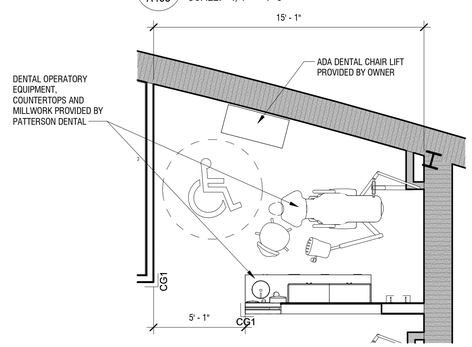
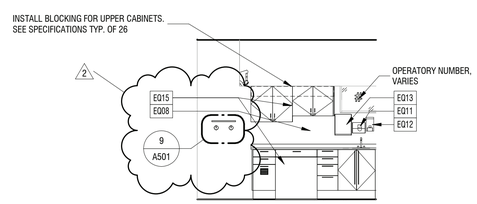
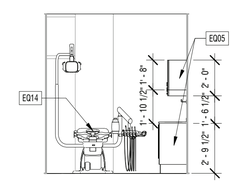


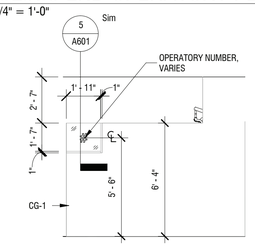
9 A405 MAIN CLINIC ADA OPERATORY PLAN
SCALE: 1/4" = 1'-0"



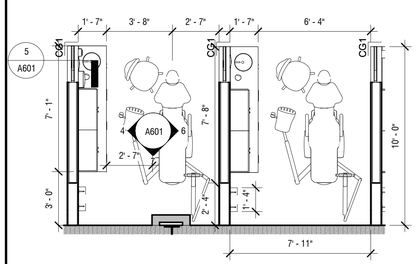
8 A405 TYP. MINI OP. - ELEV C
SCALE: 1/4" = 1'-0"



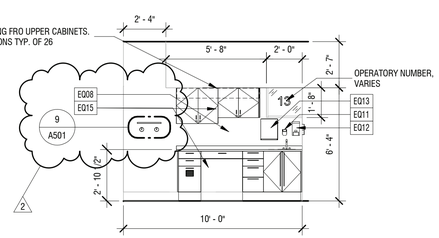
7 A405 TYP. MINI OP. - ELEV B
SCALE: 1/4" = 1'-0"



6 A405 TYP. MINI OP. - ELEV A
SCALE: 1/4" = 1'-0"



5 A405 MINI CLINIC DENTAL OPERATORY TYP.
SCALE: 1/4" = 1'-0"



4 A405 TYP. MAIN OP. - ELEV C
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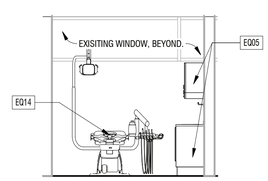
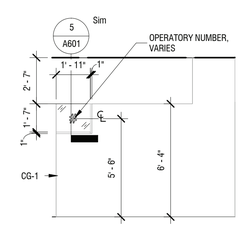


3 A405 TYP. MAIN OP. - ELEV B
SCALE: 1/4" = 1'-0"



2 A405 TYP. MAIN OP. - ELEV A
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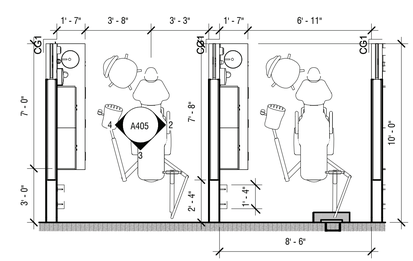

1 A405 MAIN CLINIC DENTAL OPERATORY TYP.
SCALE: 1/4" = 1'-0"

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

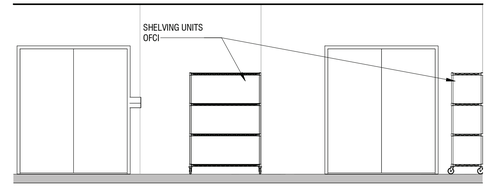
ENLARGED DENTAL CLINIC PLANS & INTERIOR ELEVATIONS

DRAWING NUMBER:

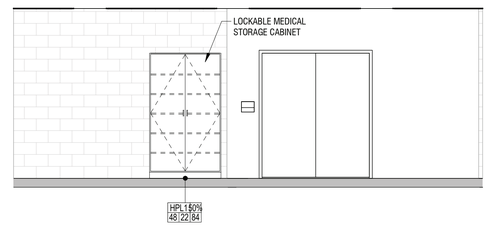
A405

ENLARGED
RADIOGRAPHY CLINIC
PLAN MOVED TO
DRAWING A910.

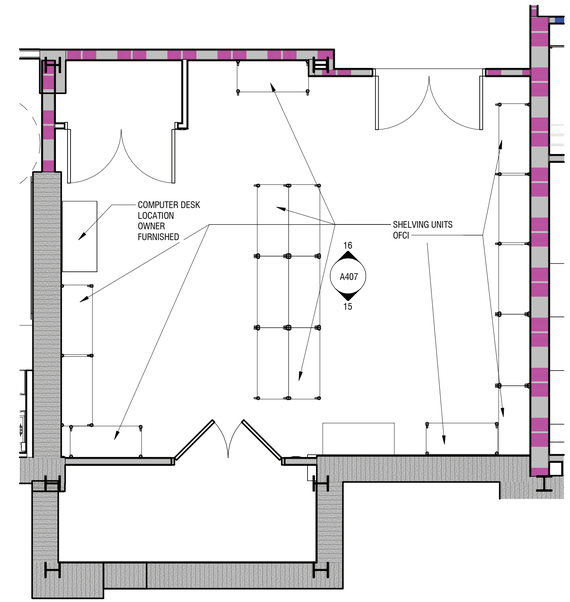
2



16 A407 DH STORAGE ROOM - ELEVATION A
SCALE: 1/4" = 1'-0"



15 A407 DH STORAGE ROOM - ELEVATION B
SCALE: 1/4" = 1'-0"



14 A407 DH STORE ROOM ENLARGED PLAN
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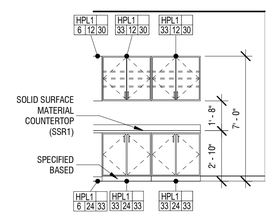

13 A407 RAD OFFICE - ELEV B
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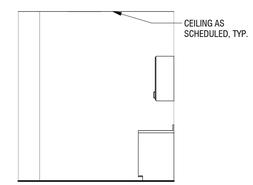

12 A407 RAD OFFICE - ELEV A
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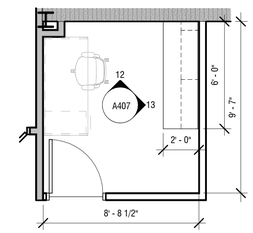

11 A407 RADIOGRAPHY OFFICE PLAN
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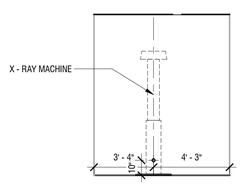
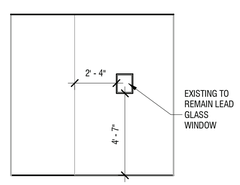
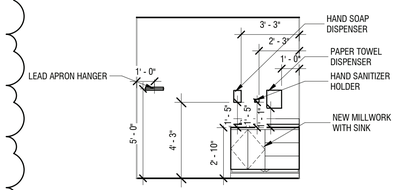


10 A407 RM 104 I - ELEV D
SCALE: 1/4" = 1'-0"

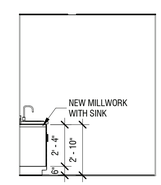
2



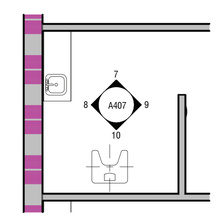
9 A407 RM 104 I - ELEV C
SCALE: 1/4" = 1'-0"



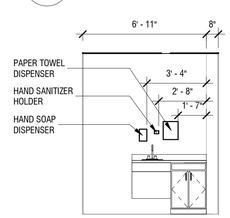
8 A407 RM 104 I - ELEV B
SCALE: 1/4" = 1'-0"



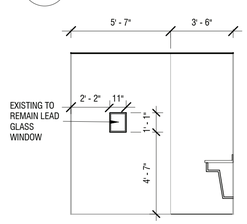
7 A407 RM 104 I - ELEV A
SCALE: 1/4" = 1'-0"



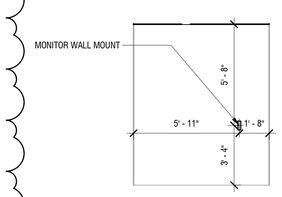
6 A407 RM 104 I PLAN
SCALE: 1/4" = 1'-0"



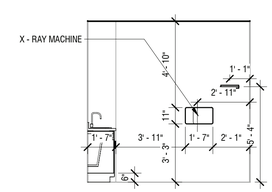
5 A407 ADA RAD CLINIC RM - ELEV D
SCALE: 1/4" = 1'-0"



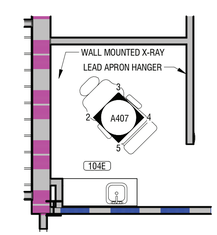
4 A407 ADA RAD CLINIC RM - ELEV C
SCALE: 1/4" = 1'-0"



3 A407 ADA RAD CLINIC RM - ELEV B
SCALE: 1/4" = 1'-0"



2 A407 ADA RAD CLINIC RM - ELEV A
SCALE: 1/4" = 1'-0"



1 A407 RAD CLINIC PLAN, TYP.
SCALE: 1/4" = 1'-0"

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2
Revisions		

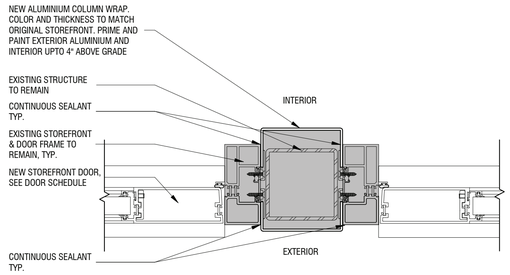
PROJECT NUMBER: 2224432.01
DRAWN BY: CL / ST
REVIEWED BY: GD / LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

ENLARGED RADIOGRAPHY CLINIC & DH STORAGE PLAN & INTERIOR ELEVATIONS

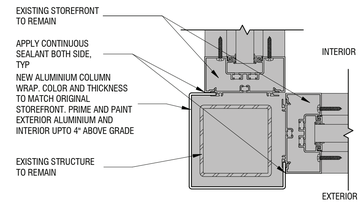
DRAWING NUMBER:

A407

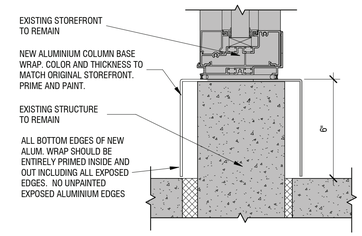
9/8/2026 6:35:05 PM



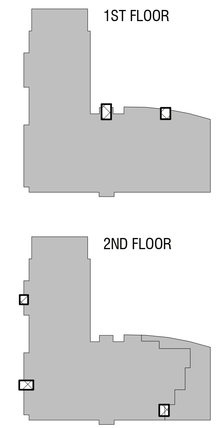
16 / A408 VESTIBULE MIDDLE COLUMN DETAIL
SCALE: 3" = 1'-0"

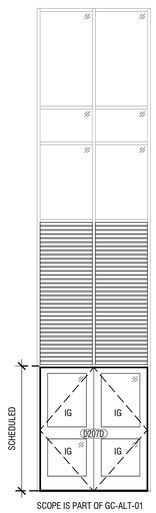


15 / A408 VESTIBULE CORNER REPLACEMENT PLAN DETAIL
SCALE: 3" = 1'-0"

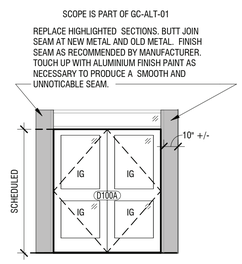


14 / A408 VESTIBULE SILL FLASHING DETAIL
SCALE: 3" = 1'-0"

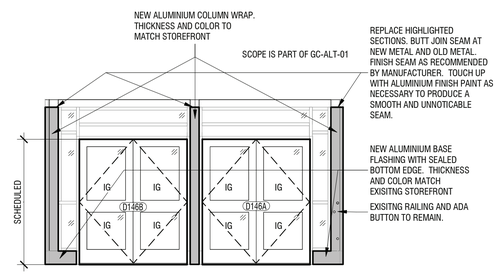




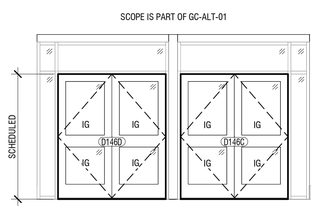
13 / A408 NORTH EXIT EXTERIOR DOOR ELEVATION
SCALE: 1/4" = 1'-0"



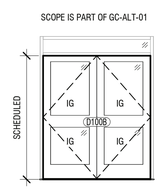
12 / A408 DENTAL EXTERIOR DOOR ELEVATION
SCALE: 1/4" = 1'-0"



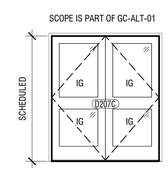
11 / A408 EXTERIOR DOOR ELEVATION
SCALE: 1/4" = 1'-0"



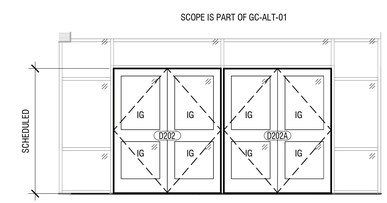
10 / A408 ENTRY INT. VEST. DOOR ELEVATION
SCALE: 1/4" = 1'-0"



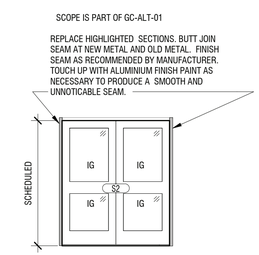
9 / A408 DENTAL INT. VEST. DOOR ELEVATION
SCALE: 1/4" = 1'-0"



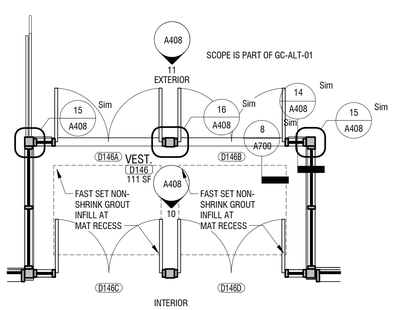
8 / A408 NORTH EXIT INT. VEST. DOOR ELEVATION
SCALE: 1/4" = 1'-0"



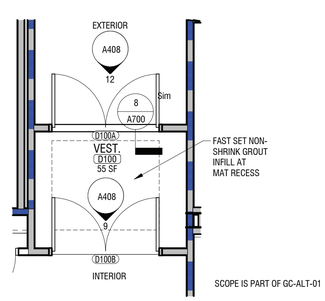
7 / A408 PATIO EXTERIOR DOOR ELEVATION
SCALE: 1/4" = 1'-0"



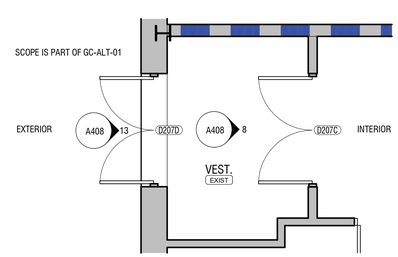
6 / A408 DOOR S2 ELEVATION
SCALE: 1/4" = 1'-0"



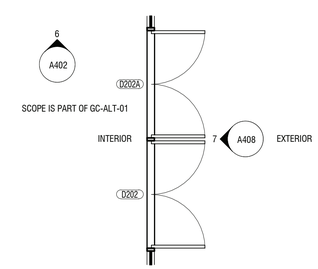
5 / A408 ENLARGED ENTRY VESTIBULE PLAN
SCALE: 1/4" = 1'-0"



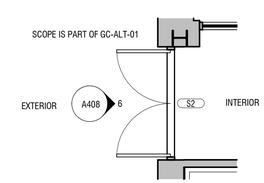
4 / A408 ENLARGED DENTAL ENTRY VESTIBULE PLAN
SCALE: 1/4" = 1'-0"



3 / A408 2ND FLOOR W EXIT DOORS PLAN
SCALE: 1/4" = 1'-0"



2 / A408 2ND FLOOR PATIO DOOR PLAN
SCALE: 1/4" = 1'-0"



1 / A408 2ND FLOOR E EXIT DOORS PLAN
SCALE: 1/4" = 1'-0"

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

2

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

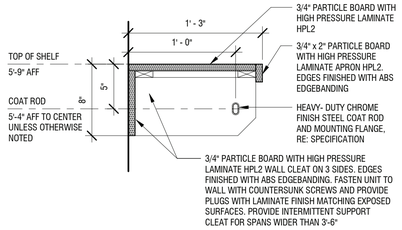
PROJECT NUMBER: 2224432.01
DRAWN BY: CL
REVIEWED BY: GD / LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

ENLARGED VESTIBULES DOOR PLANS, ELEVATIONS & DETAILS

DRAWING NUMBER:

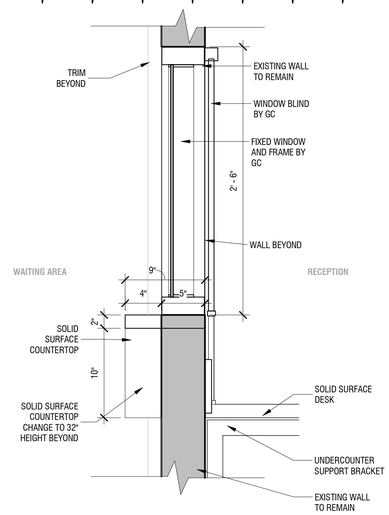
A408

9/8/2026 6:36:06 PM

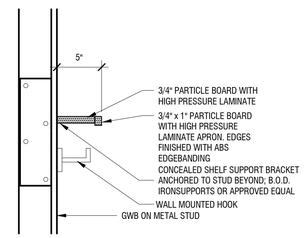


NOTE:
LENGTH AS INDICATED ON ENLARGED PLANS

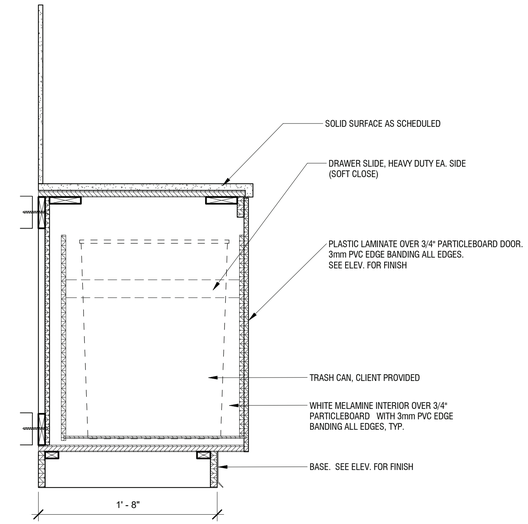
4 A501 CLOSET ROD AND SHELF
SCALE: 1 1/2" = 1'-0"



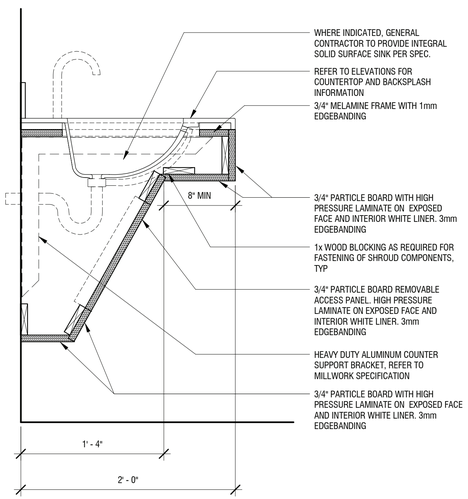
5 A501 DETAIL @ NON-SLIDING RECEPTION WINDOW
SCALE: 1 1/2" = 1'-0"



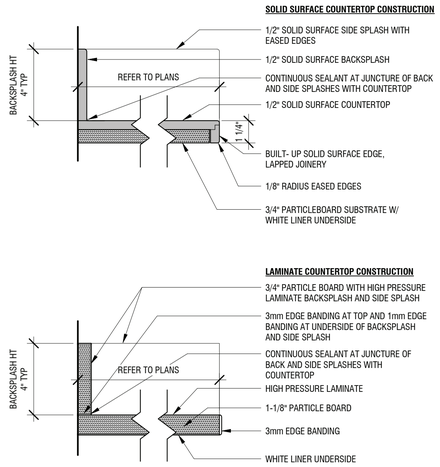
9 A501 FLOATING SHELF DETAIL
SCALE: 1 1/2" = 1'-0"



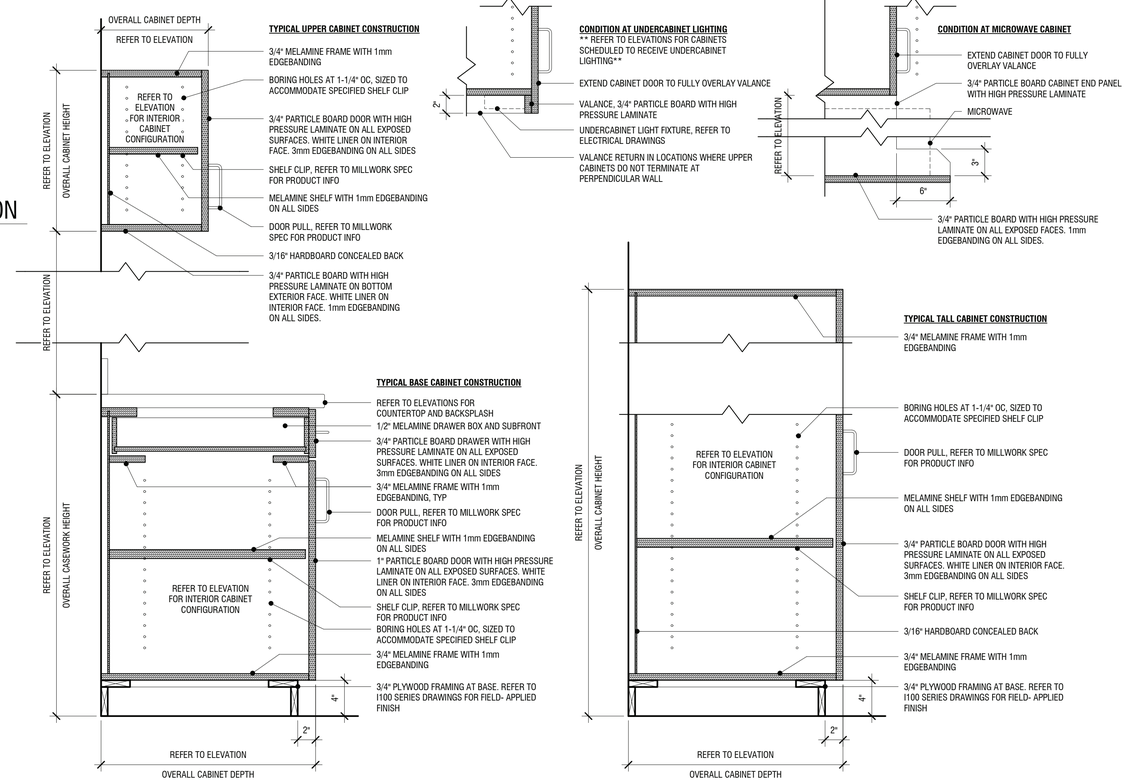
10 A501 TYPICAL PLASTER DRAWER DETAIL
SCALE: 1 1/2" = 1'-0"



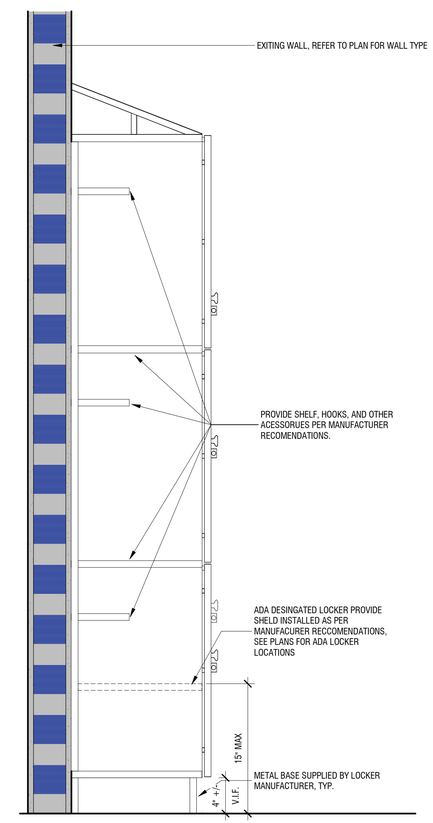
3 A501 TYPICAL ACCESSIBLE SINK CASEWORK CONSTRUCTION
SCALE: 1 1/2" = 1'-0"



2 A501 TYPICAL COUNTERTOP CONSTRUCTION
SCALE: 3" = 1'-0"



1 A501 TYPICAL CASEWORK CONSTRUCTION DETAILS
SCALE: 1 1/2" = 1'-0"



11 A501 TYP. LOCKER DETAIL
SCALE: 1 1/2" = 1'-0"

9/8/2026 6:47:50 PM

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Rochester, NY 14614
585-454-6110
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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2
Revisions		

PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

MILLWORK DETAILS

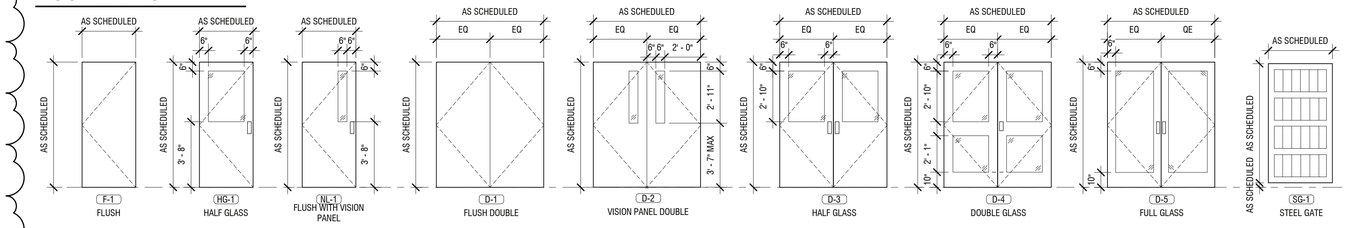
DRAWING NUMBER:

A501

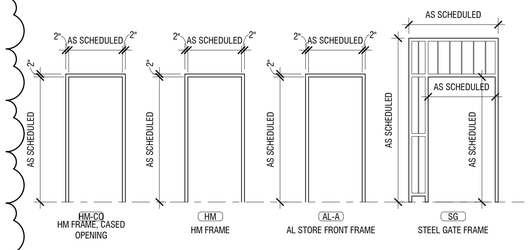
DOOR SCHEDULE

		DOOR					FRAME					GLAZING		HARDWARE				
NO.	ROOM NAME	TYPE	WIDTH	HEIGHT	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB		RATING	GROUP	Keynote	SIGNAGE	Alternate	NO.
D100A	DENTAL ENTRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	AL	ETR	--	--	--	IG	--	DH01	1, 19, 20	--	GC-Alt. 01	D100A
D100B	DENTAL ENTRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	AL	ETR	--	--	--	IG	--	DH05	1, 19, 20	--	GC-Alt. 01	D100B
D100C	MAIN CORRIDOR	D-2	6' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600	TG	90 MIN	DH13	1,17	--	BASE BID	D100C
D100D	WAITING CLOSET	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600	--	--	DH14		3A	BASE BID	D100D
D101A	OFFICE	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600			DH16		2B	BASE BID	D101A
D101B	OFFICE	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600			DH16		2B	BASE BID	D101B
D101C	PATIENT CALL	HG-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600	TG	--	DH15		2B	BASE BID	D101C
D101D	RECEPTION	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600	--	--	DH17		--	BASE BID	D101D
D101E	DH CLINIC	D-3	6' - 0"	7' - 0"	SC	ST	HM	HM	--	3/A600	4/A600	TG	45 MIN	DH12		--	BASE BID	D101E
D102	CLASSROOM	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600			DH16		2B	BASE BID	D102
D103	CLEAN PREP	F-1	3' - 0"	7' - 0"	SC	ST	GYP	GYP	PT	12/A600	14/A600			DH21	7,11,12	2B	BASE BID	D103
D104A	RAD CLINIC	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	3/A600	4/A600		45 MIN	DH15A	1	2C	BASE BID	D104A
D104B	RAD CLINIC	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	3/A600	4/A600			DH15A	1	2C	BASE BID	D104B
D104J	RADIOGRAPHY OFFICE	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600			DH15		2B	BASE BID	D104J
D105	SOIL UTILITY	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600		45 MIN	DH16		2B	BASE BID	D105
D105A	SOIL UTILITY	--	3' - 0"	7' - 0"	n/a	n/a	HM-CO	HMP	PT	3/A600	4/A600			--	18	2B	BASE BID	D105A
D106	PLASTER LAB	HG-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	1/A600	2/A600	TG	45 MIN	DH15A	1	2B	BASE BID	D106
D107	DH CLINIC	ETR	3' - 0"	7' - 0"	ETR	-	ETR	HMP	PT	--	--	--	45 MIN	DH16	1	2B	BASE BID	D107
D111	MENS LOCKER ROOM	F-1	3' - 0"	7' - 0"	SC	ST	HM	HM	PT	3/A600	4/A600			DH15A		2B	BASE BID	D111
D113	LOCKER ROOM	ETR	3' - 0"	7' - 0"	ETR	PTM	ETR	HMP	PT	--	--	--	--	DH15A	1	2C	BASE BID	D113
D113A	FACULTY LOCKER ROOM	F-1	3' - 0"	7' - 0"	SC	ST	HM	HM	PT	3/A600	4/A600		45 MIN	DH15A		2B	BASE BID	D113A
D113B	WOMENS LOCKER ROOM	F-1	3' - 0"	7' - 0"	SC	ST	HM	HMP	PT	3/A600	4/A600			DH15	1	2B	BASE BID	D113B
D114A	STORE ROOM	D-1	6' - 0"	7' - 0"	HM	PTM	HM	HMP	PTM	1/A600	2/A600		90 MIN	DH18		2B	BASE BID	D114A
D114C	IT CLOSET	D-1	6' - 0"	7' - 0"	HM	PTM	HM	HMP	PTM	1/A600	2/A600			DH25		2B	BASE BID	D114C
D115	DH LAB	F-1	3' - 0"	7' - 0"	SC	ST	HM	HM	PT	1/A600	2/A600		90 MIN	DH15A	1	2B	BASE BID	D115
D115A	SIM LAB	F-1	3' - 0"	7' - 0"	SC	ST	HM	HM	PT	1/A600	2/A600		90 MIN	DH15A	1	2B	BASE BID	D115A
D115B	DH LAB	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600		90 MIN	--		--	BASE BID	D115B
D117	CONFERENCE	D-4	6' - 2"	7' - 0"	WD	ST	HM	HMP	PTM	1/A600	2/A600	--	45 MIN	DH22	1	2B	BASE BID	D117
D146A	MAIN ENTRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--			DH02	1	--	GC-Alt. 01	D146A
D146B	MAIN ENTRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--			DH03	19	--	GC-Alt. 01	D146B
D146C	MAIN ENTRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--			DH05	1	--	GC-Alt. 01	D146C
D146D	MAIN ENTYPRY VESTIBULE	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--			DH05	1	--	GC-Alt. 01	D146D
D201	LECTURE HALL	D-3	6' - 0"	7' - 0"	SC	ST	HM	HM	PTM	--	4/A600	FL	90 MIN	DH13		--	BASE BID	D201
D201A	LECTURE HALL	F-1	3' - 6"	7' - 0"	HM	PTM	ETR	ETR	PTM	3/A600	4/A600	--	--	DH10	1	--	GC-Alt. 01	D201A
D201B	VESTIBULE	D-2	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	PT	1/A600	2/A600	IG		DH08		--	GC-Alt. 01	D201B
D201C	STORAGE	D-3	6' - 0"	7' - 0"	WD	ST	HM	ETR	PTM	--	--		45 MIN	DH19		--	BASE BID	D201C
D201D	STORAGE	D-3	6' - 0"	7' - 0"	WD	ST	HM	ETR	PTM	--	--		45 MIN	DH19		--	BASE BID	D201D
D201H	LECTURE HALL	F-1	6' - 0"	10' - 0"	HM	PTM	ETR	ETR	PTM	--	--	--	45 MIN	DH09	1	--	GC-Alt. 01	D201H
D202	PATIO ACCESS	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--	IG		DH08	1	--	GC-Alt. 01	D202
D202A	PATIO ACCESS	D-5	6' - 0"	7' - 0"	AL	ANDO	ETR	ETR	ANDO	--	--	IG		DH07	1	--	GC-Alt. 01	D202A
D203B	MENS TLT	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600			DH20		1C	BASE BID	D203B
D204A	WOMENS TLT	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600			DH20		1B	BASE BID	D204A
D205	LACTATION	ETR	3' - 0"	7' - 0"	ETR	ST	HM	HMP	PT	3/A600	4/A600		45 MIN	--		2B	BASE BID	D205
D206	CORRIDOR	D-3	6' - 0"	7' - 0"	SC	ST	HM	HM	PTM	3/A600	4/A600	FL	90 MIN	DH13	1	--	BASE BID	D206
D207C	NORTH ENTRY	D-5	6' - 0"	7' - 0"	AL	ANDO	AL	ETR	--	--	--	IG		DH05	1, 19, 20	--	GC-Alt. 01	D207C
D207D	NORTH ENTRY	D-5	6' - 0"	7' - 0"	AL	ANDO	AL	ETR	--	--	--	IG		DH02	1, 19, 20	--	GC-Alt. 01	D207D
D213	CLASSROOM	NL-1	3' - 6"	7' - 0"	SC	ST	HM	ETR	PTM	--	--	TG	45 MIN	DH24	15	--	BASE BID	D213
D216	HEMAT LAB	ETR	3' - 0"	7' - 0"	SC	ST	ETR	ETR	PT	--	--	--	45 MIN	DH16		--	BASE BID	D216
D217	RECEPTION	D-2	6' - 0"	7' - 0"	SC	ST	HM	HM	PT	1/A600	2/A600		45 MIN	DH13		2C	BASE BID	D217
D217A	RECEPTION	ETR	3' - 0"	7' - 0"	SC	ST	ETR	ETR	PT	--	--	--	45 MIN	DH16		2C	BASE BID	D217A
D217I	MAILROOM	ETR	3' - 0"	7' - 0"	ETR	ETR	ETR	HMP	PT	--	--	--	45 MIN	DH16	1		BASE BID	D217I
D218	PREP ROOM	ETR	3' - 0"	7' - 0"	SC	ST	ETR	ETR	PT	--	--	--	45 MIN	DH16		2B	BASE BID	D218
D317	CORRIDOR	D-3	6' - 0"	7' - 0"	WD	ST	HM	HM	PT	1/A600	2/A600	TG	45 MIN	DH23	1,16	--	BASE BID	D317
D320B	PT THEREX CLASSROM	D-1	6' - 0"	7' - 0"	WD	ST	ETR	ETR	PT	1/A600	2/A600		45 MIN	--	1	2B	BASE BID	D320B
S1	STAIR #1 EXIT	ETR	6' - 8"	7' - 0"	ETR	PTM	ETR	ETR	PTM	--	--	--	--	DH11	1	3C, 3B	GC-Alt. 01	S1
S2	STAIR #2 EXIT	D-5	6' - 0"	7' - 0"	AL	--	ETR	ETR	--	--	--			DH04	19	3C,3B	GC-Alt. 01	S2
S3	STAIR #3 EXIT	SG-1	5' - 0"	9' - 2"	ETR	PTM	SG	ETR	PTM	--	--	--	--	--	14	3C,3B	GC-Alt. 01	S3

DOOR TYPES



FRAME TYPES



DOOR / BORROWED LITE ABBREVIATIONS

CONSTRUCTION:
AL ALUMINUM
SC SOLID CORE WOOD

GLASS / GLAZING:
FL FIRE-LITE SAFETY GLAZING
IG INSULATED GLASS
1W ONE-WAY GLASS (B.O.D. 3M)
PF PRIVACY FILM (B.O.D. 3M)
SG SWITCHABLE PRIVACY GLASS
TG 1/2" TEMPERED GLASS
1W ONE-WAY GLSS

RATING:
90 MIN. 1 1/2 HOUR FIRE RATED
45 MIN. 3/4 HOUR FIRE RATED

FINISHES:
FF FACTORY FINISH
PT PAINT
ST STAINED

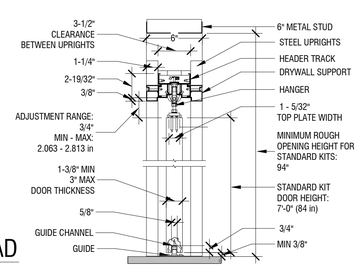
DOOR KEYNOTES

1. CONTRACTOR IS RESPONSIBLE TO PROVIDE A COMPLETE ELECTRONIC DOOR SYSTEM, AND FUNCTION AS DESCRIBED IN HARDWARE SETS, SPEC. SECTION 087100.
2. RETROFIT EXISTING HOLLOW METAL DOOR FRAME TO ACCEPT ELECTRIC STRIKE; PTM FRAME.
3. EXIT DEVICE TO BE AN ENTRY LOCKSET FUNCTION, PROVIDE CYLINDER AS REQUIRED.
4. EXIT DEVICE TO BE A STOREROOM LOCKSET FUNCTION, PROVIDE CYLINDER AS REQUIRED.
5. NEW DOOR & FRAME IN EXISTING OPENING - V.I.F.
6. VERIFY EXISTING OPENING AND/OR WALL THICKNESS FOR FRAME DEPTH WHEREVER NEW DOOR IS TO BE INSTALLED INTO AN EXISTING PARTITION.
7. DO NOT INSTALL ELECTRICAL, PLUMBING, OR DATA WITHIN POCKET CAVITY.
8. COORDINATE POCKET FRAME DEPTH WITH WALL TYPE PRIOR TO FABRICATION.
9. PROVIDE CONTINUOUS BACKING AT ALL HARDWARE LOCATIONS.
10. VERIFY FLOOR FINISH THICKNESS PRIOR TO INSTALLATION OF POCKET DOOR TRACK SYSTEM.
11. PROVIDE SOUND ATTENUATION INSULATION IN NON-POCKET PORTIONS OF WALL.
12. INSTALL TRACK LEVEL AND TRUE; VERIFY SMOOTH DOOR OPERATION PRIOR TO CLOSE-IN.
13. DO NOT FASTEN GYPSUM WALL BOARDS INTO POCKET CAVITY ZONE.
14. STEEL GATE FRAME TO REAMIN, PREPARE STEEL GATE AND FRAME FOR NEW PAINT
15. COMPLETE ELECTRONIC DOOR ACCESS AND INSTALL CARD READER.
16. COMPLETE ELECTRONIC DOOR ACCESS AND FINAL CONNECTION TO CARD READER.
17. INFILL METAL STUD DRYWALL AND DRYWALL PARTITION AS NECESSARY TO INSTALL NEW SMALLER WIDTH FRAME. PATCH AND PAINT DRYWALL TO MATCH EXISTING WALL FINISH AFTER FRAME IS INSTALLED.
18. THIS IS A HM CASED OPENING
19. REPAIR ALUMINUM FRAME AS SHOWN ON A408.
20. DOORS TO RECEIVE ADA DOOR OPERATORS AND PUSH BUTTON ACCESS ON BOTH SIDES OF THE DOOR. REFER TO SPEC SECTION 087113 POWER DOOR OPERATORS.

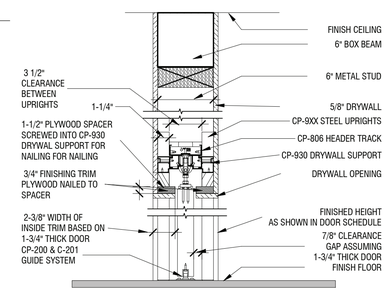
DOOR GENERAL NOTES

1. ALL NEW HARDWARE TO CONFORM TO CABO-ANSI A117.1-2009
2. ALL NEW DOOR HANDLES SHALL BE LEVER TYPE.
3. HARDWARE FINISHES SHALL MATCH BUILDING STANDARD.
4. COORDINATE KEYING DIRECTLY WITH OWNER/TENANT
5. BOTTOM OF DOOR FRAMES TO BE CAULKED AT ALL HARD FLOORS
6. VERIFY LOCKSET FUNCTION W/ OWNER.
7. ALL HARDWARE TO BE UL LISTED.

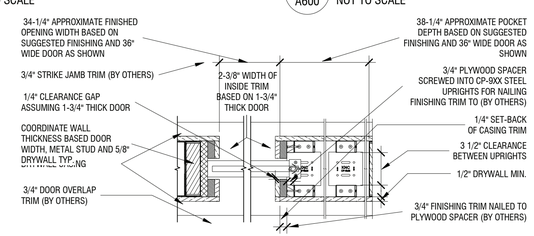
POCKET DOOR DETAILS



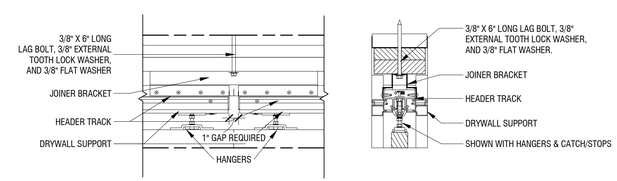
14 A600 POCKET DOOR - SECTION VIEW
NOT TO SCALE



12 A600 POCKET DOOR - HEAD/SILL
NOT TO SCALE

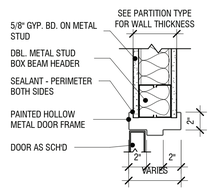


13 A600 POCKET DOOR - JAMB
NOT TO SCALE

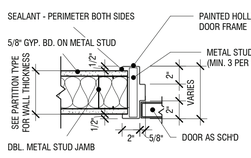


11 A600 POCKET DOOR - 2x6 JOINER BRACKET DETAILS
NOT TO SCALE

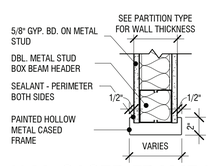
DOOR DETAILS



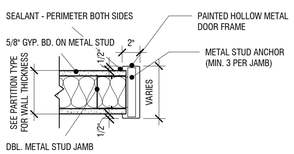
3 A600 H.M. DOOR HEAD - TYP.
SCALE: 1 1/2" = 1'-0"



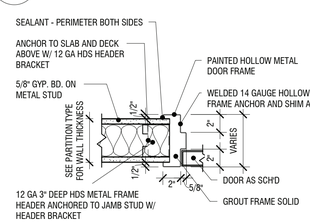
4 A600 H.M. DOOR JAMB - TYP.
SCALE: 1 1/2" = 1'-0"



9 A600 H.M. CASED FRAME HEAD - TYP.
SCALE: 1 1/2" = 1'-0"

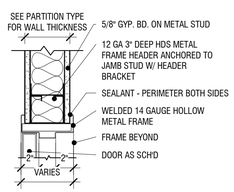


10 A600 H.M. CASED FRAME JAMB - TYP.
SCALE: 1 1/2" = 1'-0"



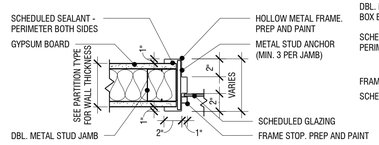
NOTE: DETAIL BASED ON DIETRICH HDS SYSTEM
- TO BE USED FOR ALL DOORS OVER 3'-4" WIDE

2 A600 HEAVY H.M. DOOR JAMB - TYP.
SCALE: 1 1/2" = 1'-0"

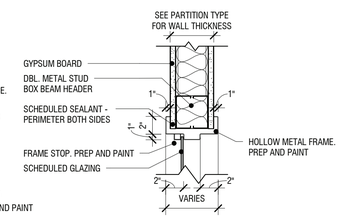


NOTE: DETAIL BASED ON DIETRICH HDS SYSTEM
- TO BE USED FOR ALL DOORS OVER 3'-4" WIDE

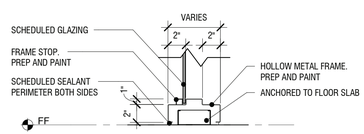
1 A600 HEAVY H.M. DOOR HEAD - TYP.
SCALE: 1 1/2" = 1'-0"



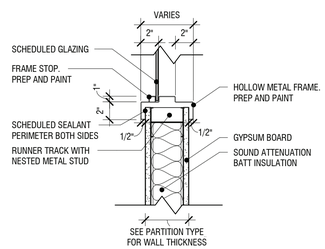
7 A600 H.M. BORROWED LITE - JAMB
SCALE: 1 1/2" = 1'-0"



8 A600 H.M. BORROWED LITE - HEAD
SCALE: 1 1/2" = 1'-0"



6 A600 H.M. BORROWED LITE - SILL AT FLOOR
SCALE: 1 1/2" = 1'-0"



5 A600 H.M. BORROWED LITE - SILL
SCALE: 1 1/2" = 1'-0"

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Rochester, NY 14614
585-454-6110
labellapc.com

CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2
Revisions		

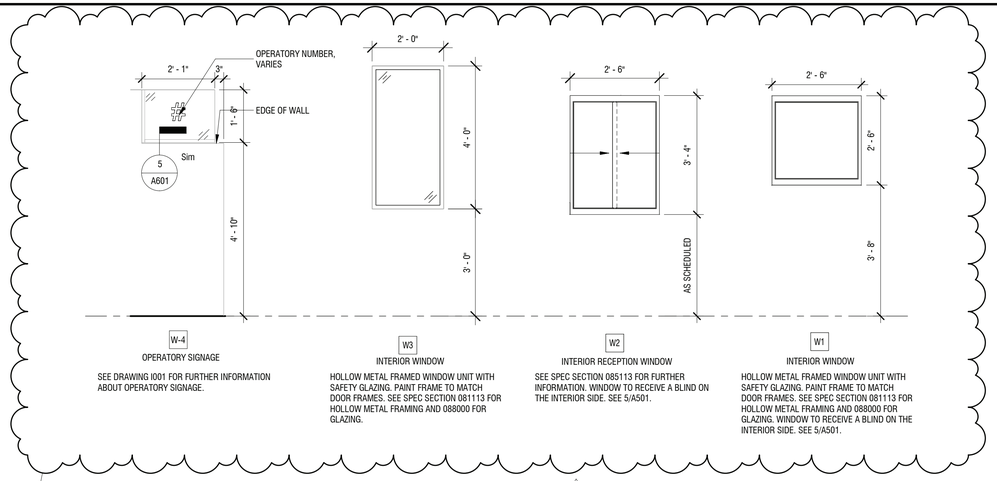
PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

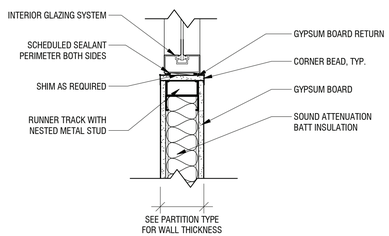
DOOR SCHEDULES, BORROWED LITES & DETAILS

DRAWING NUMBER:

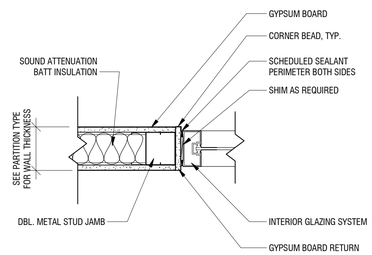
A600

9/8/2026 6:51:54 PM





8 A601 WINDOW SILL DETAIL
SCALE: 1 1/2" = 1'-0"



7 A601 WINDOW JAMB DETAIL
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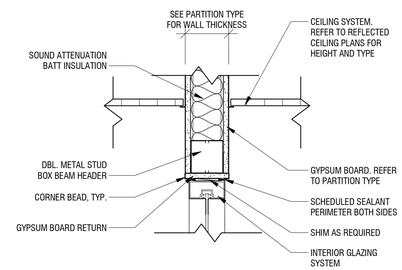

6 A601 WINDOW HEAD DETAIL
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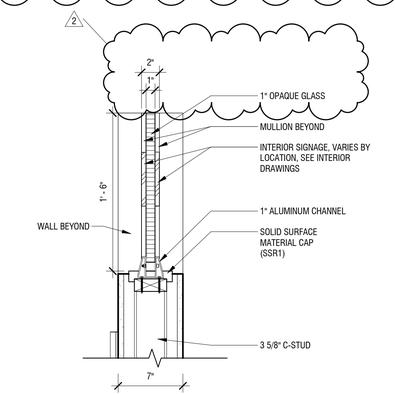

5 A601 TYP. OPERATORY GLASS DIVIDER DETAIL
SCALE: 1 1/2" = 1'-0"

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Revisions

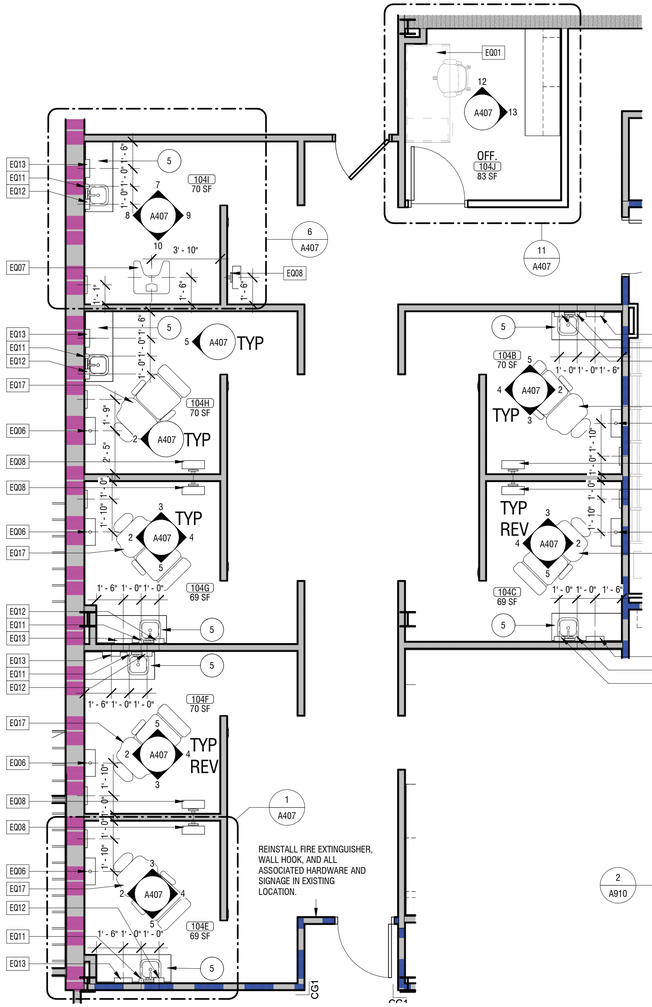
PROJECT NUMBER: 2224432.01
DRAWN BY: ST / CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

INTERIOR WINDOW TYPES & DETAILS

DRAWING NUMBER:

A601

9/8/2026 6:36:07 PM



2 A910 ENLARGED RADIOGRAPHY ACCESSORY PLAN
SCALE: 1/4" = 1'-0"

1 A910 ENLARGED 1ST FLOOR EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

PLAN KEYNOTES

1	ALL (26) MAIN AND MINI OPERATORY UNITS ARE PROVIDED AND INSTALLED BY PATTERSON DENTAL. SEE DRAWING A405 AND A910
2	(26) TOTAL - UPPER AND LOWER OPERATORY MILLWORK CABINETS ARE PROVIDED AND INSTALLED BY PATTERSON DENTAL. PLUMBING SINK HOOK UP TO BE PROVIDED BY PLUMBING CONTRACTOR.
3	(5) X-RAY MACHINES ARE PROVIDED AND FINAL INSTALL IS BY PATTERSON DENTAL.
4	ALL (4) DENTAL SIM LABS TO BE PROVIDED AND INSTALLED BY PATTERSON DENTAL.
5	MILLWORK TO BE PROVIDED AND INSTALLED BY THE GC. SEE ELEVATIONS FOR MORE DETAILS. SINK, FAUCET, AND PLUMBING BY PC. SEE PLUMBING DRAWINGS.

EQUIPMENT PLAN LEGEND

EQ0* — EQUIPMENT TAG
TYP.

ABBREVIATIONS

OFOI - OWNER FURNISHED, OWNER INSTALLED
CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
OFCI - OWNER FURNISHED, CONTRACTOR INSTALLED
VFVI - VENDOR FURNISHED, VENDOR INSTALLED
VFCI - VENDER FURNISHED, CONTRACTOR INSTALLED

NOTES:

- REFER TO SHEET A400 FOR TOILET ROOM ACCESSORIES & MOUNTING HEIGHTS
-REFER TO SHEET A910 FOR EQUIPMENT LIST

- REFER TO FURNITURE PLAN FOR FURTHER INFORMATION

- REFER TO G003 FOR ALTERNATE INFORMATION

EQUIPMENT & ACESSORY LIST

Note Value	Note Description	Furnished By	BLOCKING REQ'D	DATA REQ'D	PLUMBING REQ'D	POWER REQ'D	COMMENTS
EQ01	FURNITURE	OFOI					
EQ03	LOCKERS	CFCI					LOCKER NUMBER SEQUENSING TO BE SHOWN ON SHOP DRAWINGS
EQ06	WALL MOUNTED DENTAL X-RAY	VFCI	EXISTING PROVIDED			YES	RECONNECT TO EXISTING ELECTICAL
EQ07	PANORAMIC DENTAL X-RAY	OFOI					
EQ08	MONITOR WALL MOUNT	OFCI	TYPE B				
EQ10	SHARPS DISPOSAL UNIT	OFCI					
EQ11	HAND SANITIZER	OFCI	TYPE C				
EQ12	SOAP DISPENSER	OFCI	TYPE C				
EQ13	PAPER TOWEL DISPENSER	OFCI	TYPE C				
EQ14	DENTAL CHAIR	VFVI				YES	
EQ15	OPERATORY CABINET	VFVI		YES	YES	YES	GC TO COORDINATE PLUMBING AND ELECTRICAL LOCATIONS WITH PATTERSON DENTAL OPERATORY CABINET REPRESENTATIVE.
EQ16	SIM STATION	VFVI		YES	YES	YES	
EQ17	RAD SUITE CHAIR	VFVI				YES	
EQ18	18" GRAB BAR (VERTICAL)	CFCI	TYPE B				
EQ20	36" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ21	42" GRAB BAR (HORIZONTAL)	CFCI	TYPE B				
EQ22	SANITARY NAPKIN DISPOSAL	CFCI	TYPE E				
EQ24	TOILET PAPER DISPENSER	OFCI	TYPE B/C				
EQ27	TV	OFCI		-		-	
EQ29	TUTTNAUER 3870 AUTOCLAVE	OFCI			YES	YES	
EQ30	SCICAN STATIM 5000	OFCI			YES	YES	
EQ31	BIOSONIC UC125	OFCI			YES	YES	
EQ32	HANDPIECE MAINTENANCE SYSTEM	OFCI			YES	YES	
EQ33	ASSISTINA 301 PLUS	CFCI			YES	YES	
EQ34	ECONO VAC	OFCI			YES	YES	
EQ35	WET MODEL TRIMMER	OFCI			YES	YES	
EQ36	QUICKCLEAN ULTRASONIC	OFCI				YES	
EQ37	PG8583 DISINFECTOR	OFCI			YES	YES	
EQ38	G7881 DISINFECTOR	OFCI			YES	YES	
EQ40	ROTARY FILE CABINET	OFCI					SUNY BROOME WILL PURCHASE THESE UNITS OFF NYS CONTRACTS
EQ41	WHEELCHAIR RECLINER	OFCI				YES	
EQ55	REFRIGERATOR	OFCI				YES	

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

It is a violation of New York Education Law Art. 145 Sec. 7209 & Art. 147 Sec. 7307, for any person, unless acting under the direction of a licensed architect, professional engineer, or land surveyor, to alter an item in any way. If an item bearing the seal of an architect, engineer, or land surveyor is altered; the altering architect, engineer, or land surveyor shall affix to the item their seal and notation "altered by" followed by their signature and date of such alteration, and a specific description of the alteration.

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SUNY BROOME
SUNY Broome Community College
907 Upper Front St., Binghamton, NY 13905

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

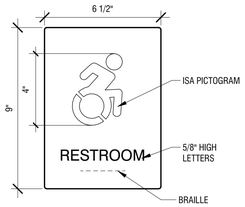
PROJECT NUMBER: 2224432.01
DRAWN BY: CL
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME: 1ST FLOOR EQUIPMENT PLANS
DRAWING NUMBER: A910

9/8/2026 6:35:09 PM

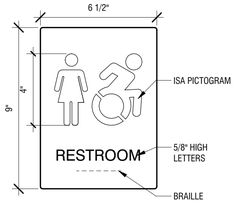
SIGNS

(NOT ALL SIGN TYPES MAY BE USED IN EACH BUILDING)

(NOT ALL SIGN TYPES MAY BE USED IN EACH BUILDING)



1A ACCESSIBLE TOILET ROOM SIGN
3" = 1'-0"



1B ACCESSIBLE TOILET ROOM SIGN
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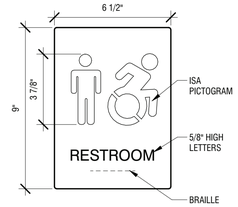

1C ACCESSIBLE TOILET ROOM SIGN
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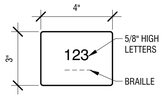
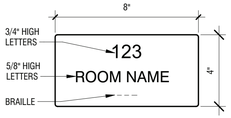
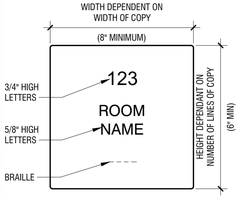


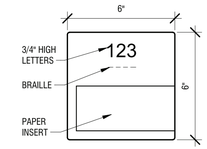
2A ROOM NO. SIGN
3" = 1'-0"



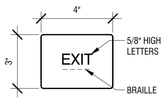
2B ROOM NAME SIGN
3" = 1'-0"



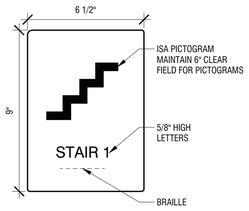
2C ROOM NAME SIGN (2 LINE)
3" = 1'-0"



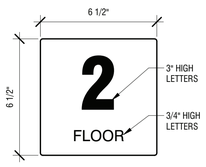
2D ROOM NAME SIGN (PAPER INSERT)
3" = 1'-0"



3A EXIT ID SIGN
3" = 1'-0"

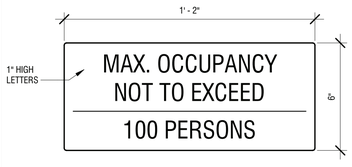


3B STAIR ID SIGN
3" = 1'-0"



3C FLOOR LEVEL ID SIGN
3" = 1'-0"

3D ELEVATOR SIGN
3" = 1'-0"

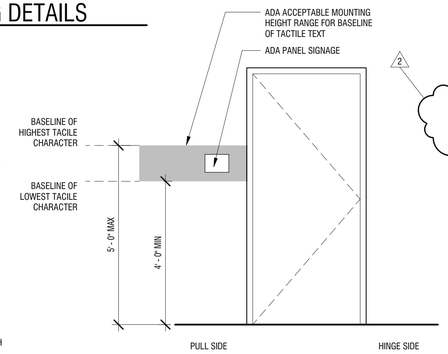


5A MAXIMUM OCCUPANCY SIGN
3" = 1'-0"

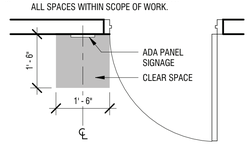
SIGNAGE MOUNTING DETAILS

NOTES:

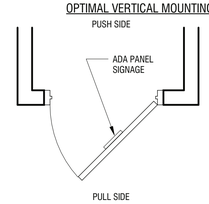
1. IF SPACE FOR SIGN CANNOT BE ACCOMODATED ON THE WALL OF THE PULL SIDE OF THE DOOR, THEN SIGN SHOULD BE MOUNTED ON THE NEAREST ADJACENT WALL.
2. SIGN CAN BE MOUNTED TO DOORS FOR THE FOLLOWING INSTANCES: IF THE SIGN IS MOUNTED ON THE PUSH SIDE OF THE DOOR, IF THE DOOR AUTOMATICALLY CLOSES, IF THE DOOR HAS NO HOLD-OPEN DEVICES.
3. FOR ADA PANEL SIGNAGE AT DOUBLE DOORS WITH TWO OPERABLE LEAFS, THE SIGN SHOULD BE MOUNTED TO THE RIGHT OF THE RIGHT HAND DOOR. IF SPACE FOR SIGN CANNOT BE ACCOMODATED ON THE WALL TO THE RIGHT OF THE RIGHT HAND DOOR, SIGN SHOULD BE MOUNTED TO THE NEAREST ADJACENT WALL.
4. REFER TO ARCHITECTURAL FLOOR PLAN FOR CONFIGURATION OF DOOR(S) AT EACH LOCATION OF ADA PANEL SIGNAGE.
5. ALLOW FOR CODE REQUIRED SIGNAGE AT ALL SPACES WITHIN SCOPE OF WORK.



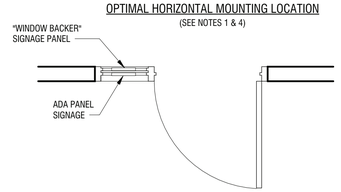
OPTIMAL VERTICAL MOUNTING LOCATION



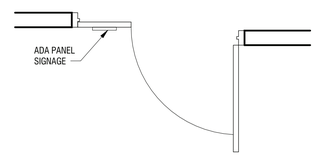
OPTIMAL HORIZONTAL MOUNTING LOCATION
(SEE NOTES 1 & 4)



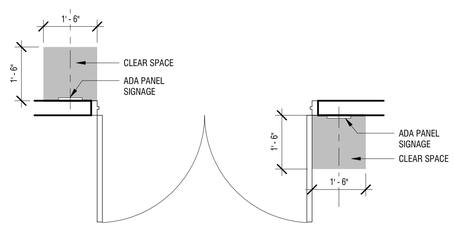
HORIZONTAL MOUNTING LOCATION ON SINGLE DOOR
(SEE NOTES 2 & 4)



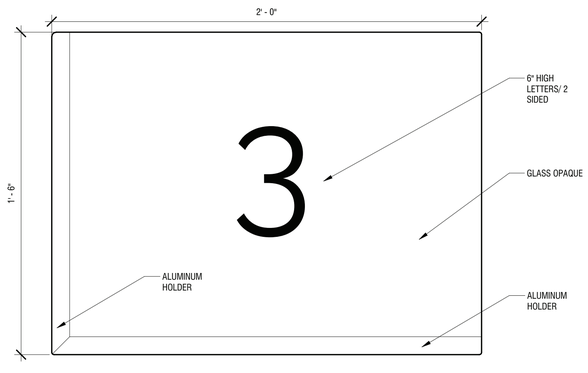
HORIZONTAL MOUNTING LOCATION AT WINDOW / SIDE LIGHT
(SEE NOTE 4)



HORIZONTAL MOUNTING LOCATION AT DOUBLE DOORS-ONE ACTIVE LEAF
(SEE NOTE 4)



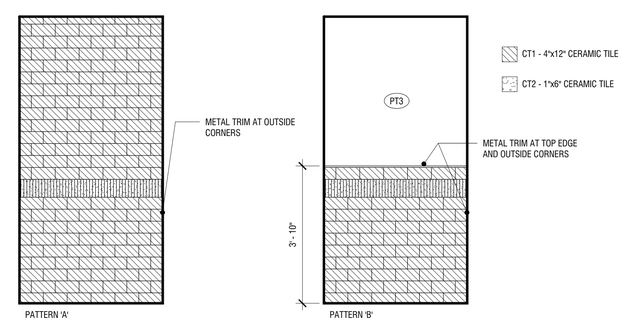
HORIZONTAL MOUNTING LOCATION AT DOUBLE DOORS-TWO ACTIVE LEAFS
(SEE NOTES 3 & 4)



6A DENTAL STATION SIGNAGE
3" = 1'-0"

COLOR AND FINISH LEGEND

CODE	MANUFACTURER	STYLE/PATTERN	COLOR	SIZE	ADDITIONAL REQUIREMENTS	SPEC #
ACOUSTIC CEILING PANEL						
ACT1	ARMSTRONG	CIRRUS HIGH-NRC	WHITE	24" X 24"		**09 51 00**
ACT2	ARMSTRONG	CLEAN ROOM VL	WHITE	24" X 24"		**09 51 00**
ACT3	ARMSTRONG	METALWORKS LINEAR CLASSICS	CHERRY	VARIES	ALLOW FOR VARYING WIDTHS AND DEPTHS	**09 54 23**
CARPET TILE						
CPT1	MILLIKEN	OBEX TILE/ CUTX/FIBER	GREY FRX235-G7	50 CM X 50 CM	ASHLAR INSTALL PATTERN	**09 68 13**
CERAMIC/PORCELAIN TILE						
CT1	DALTILE	COLOR WHEEL LINEAR	URBAN PUTTY	4"X 12"	WALL TILE	**09 30 00**
CT2	DALTILE	ARTICRAFTED	ALOE	1" X 6" MOSAIC (DOT-MOUNTED SHEET)	WALL TILE	**09 30 00**
CT3	DALTILE	SCRIPTER	HERO AR61	12" X 36"	FLOOR TILE	**09 30 00**
CORNER GUARD						
CG1	INPRO	SURFACE MOUNT ALUMINUM CORNER GUARD	ANODIZED ALUMINUM	3/4" WING | 8" HEIGHT		**10 26 00**
HIGH PRESSURE LAMINATE						
HPL1	PIONITE	STANDARD LAMINATE	BRIDAL BLANCO	-		**06 41 00**
HPL2	WILSONART	STANDARD LAMINATE	MONTECELLO MAPLE 7925-38	-		**06 41 00**
PAINT						
PT1	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	ALABASTER 7008	-		**09 91 23**
PT2	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	SUNDEW 7688			**09 91 23**
PT3	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	BITTERSWEET STEM 7536			**09 91 23**
PT4	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	LIVEABLE GREEN 6176			**09 91 23**
PT5	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	SHAGREEN 6422			**09 91 23**
PT6	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	CLARY SAGE 6178			**09 91 23**
PT7	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	AQUA-SPHERE 7613			**09 91 23**
PT8	SHERWIN WILLIAMS	AS REQUIRED FOR SPECIFIED SUBSRATE	TBD - COLOR TO MATCH EXISTING DOOR/WINDOW FRAMES. VIF			**09 91 23**
RESILIENT BASE						
RB1	TARKETT	BASEWORKS	PEPPERCORN	6" HIGH		**09 65 00**
SHEET VINYL						
SV1	MANNINGTON	REALITIES III	BOARDWALK COCONUT			**09 65 00**
SV2	MANNINGTON	REALITIES III	BOARDWALK HONEYTONE			**09 65 00**
SOLID SURFACE						
SSR1	WILSONART	SOLID SURFACE	AVALANCHE MELANGE	-		**06 41 00**
SSR2	DUPONT	SOLID SURFACE	LAVA ROCK		TOILET ROOMS	**06 41 00**
SSR3	DUPONT	CORIAN	ANTARCTICA	-	TYPICAL WINDOW SILL	**06 41 00**
TRANSITION STRIP						
TS1	SCHLUTER	RONDEC	STAINLESS STEEL	TO MATCH TILE THICKNESS		**09 30 00**
WALL PROTECTION						
WP1	INPRO	PALLADIUM EXPRESSIONS RIGID SHEET WALL PROTECTION	BEECHBUT 0539	4'X8'	ALLOW FOR CUSTOM IMAGES/PATTERNS	**10 26 00**
WALLCOVERING						
WC1	KOROSEAL	MAGWRITE WALLCOVERING	WHITE	VARIES	PROJECTABLE, WRITABLE, MAGNETIC WALL COVERING	**09 72 00**
WC2	KOROSEAL	CUSTOM DIGITALLY PRINTED TYPE II WALLCOVERING	TBD: ALLOW FOR MULTIPLE HENRY DOMKE PHOTOS	-	ALLOW FOR UNIQUE IMAGE PER INSTANCE	**09 72 00**
WC3	WOLF GORDON	RAMPART- SPARTA	TAUPE SRP5316	52" WIDTH		**09 72 00**
WINDOW FILM						
WF1	3M FASARA	FROSTED WINDOW FILM	OPAQUE WHITE SH2MAOW	-		**08 87 00**



1 / I001 TYPICAL TILE PATTERNS
SCALE: 1/2" = 1'-0"

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SUNY BROOME
SUNY Broome Community College
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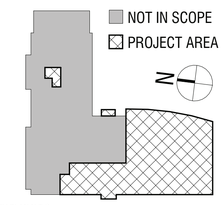

KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: STAFF
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME:

COLOR AND FINISH LEGEND & INTERIOR DETAILS

DRAWING NUMBER:

I001

9/3/2026 4:17:47 PM

1 I101 FIRST FLOOR FINISH PLAN
SCALE: 1/8" = 1'-0"

FINISH PLAN KEYNOTES	
1	PROVIDE WP1 TO 5'-0" AFF.
2	PROVIDE CT1 BACKSPLASH FROM COUNTER OR FLOOR SURFACE TO UNDERSIDE OF UPPER CABINETS.
3	PROVIDE WC1 FROM 3'-0" TO 7'-0" AFF WITH METAL J-CHANNEL TOP AND BOTTOM EDGE.
4	PROVIDE WP1 AT INDICATED EXTENTS
5	PROVIDE AP1 TO 7'-6" AFF. REFER TO INTERIOR ELEVATIONS FOR EXTENTS AND DETAILING.
7	NOT USED
8	NOT USED
9	NOT USED
10	PROVIDE WALL TILE TO INDICATED WALL IN PATTERN INDICATED ON 1/I001 PATTERN A. INSTALL TILE TO 4'-0" AFF. ALL OTHER WALLS AS INDICATED ON 1/I001 PATTERN B.
11	PROVIDE WALL TILE TO INDICATED ALL WALLS IN PATTERN INDICATED ON 1/I001 PATTERN A.

FINISH SYMBOLS LEGEND & ABBREVIATIONS

WALL FINISH(ES) * | * FLOOR FINISH(ES) | * BASE FINISH

*FIRST LISTED IS FIELD FINISH, TYP.

ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISH FLOOR
AWP	ACOUSTICAL WALL PANEL
CG	CORNER GUARD
CPT	CARPET
CS	CULTURED STONE
CT	CERAMIC/PORCELAIN TILE
EM	ENTRY MAT
EPT	EPOXY PAINT
ETR	EXISTING TO REMAIN
EXP	EXPOSED
GRT	GROUT
GWB	GYPSUM WALL BOARD
HPL	HIGH PRESSURE LAMINATE
PT	PAINT
QTZ	QUARTZ
RB	RESILIENT BASE
RSF	RUBBER SPORTS FLOORING
SC	SEALED CONCRETE
SSR	SOLID SURFACING
ST	STAIN (HARDWOOD)
TS	TRANSITION STRIP
VCT	VINYL COMPOSITION TILE
WC	WALL COVERING
WF	WINDOW FILM
WP	WALL PROTECTION
WT	WINDOW TREATMENT

XXX ACCENT WALL FINISH DESIGNATION

FINISH PLAN GENERAL NOTES

1. REFER TO I300 SERIES FOR FLOOR PATTERNING PLANS.
2. REFER TO DIVISION 09 SECTION 09000 COLOR AND FINISH SCHEDULE FOR DETAILED INFORMATION ON FINISHES AND ABBREVIATIONS.
3. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES, AND HOLLOW METAL WINDOW FRAMES WITHIN AREA OF WORK SHALL BE PAINTED PT2.
4. ALL EXPOSED COLUMNS TO BE PAINTED PT2 UNLESS NOTED OTHERWISE.
5. ALL LOUVERS, VENTS, GRILLES, AND OTHER MISC. MECHANICAL & ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
6. ALL FLOOR FINISHES SHALL TRANSITION AT CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE.
7. WHERE NEW FINISHES ARE SCHEDULED AT EXISTING CONDITIONS, REMOVE EXISTING FINISHES AND PREPARE SURFACES FOR NEW FINISH.
8. PROVIDE SSR3 AT ALL NEW SILL LOCATIONS THAT ARE NOTED TO RECEIVE SOLID SURFACE.
9. EXISTING WOOD WALL PANELING AT LOBBY 40 AND CORRIDOR D206 TO REMAIN. DO NOT PROVIDE NEW FINISHES.
10. PROVIDE CG1 AT ALL EXTERIOR CORNERS OF GYPSUM BOARD WALLS FROM TOP OF WALL BASE TO FULL HEIGHT OF CORNER GUARD.

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CERTIFICATE OF AUTHORIZATION NUMBER:
PROFESSIONAL ENGINEERING: 0021272
LAND SURVEYING: 0021271
GEOLOGICAL: 0021659

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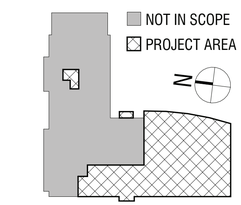

KEY PLAN N.T.S

SUNY Broome Community College
Decker Hall - Dental Hygiene Clinic Renovations
907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01
DRAWN BY: STAFF
REVIEWED BY: LW
ISSUED FOR: BID
DATE: 08/14/2026
DRAWING NAME: FIRST FLOOR FINISH PLAN
DRAWING NUMBER: I101

9/4/2026 12:38:13 PM

FLOOR PATTERN PLAN KEYNOTES	
1	PROVIDE EQUAL AMOUNTS CPT1 AND CPT2 IN VERTICAL ASHLAR PATTERN WITH LONG EDGE OF TILE PARALLEL TO LONG EDGE OF ROOM.
2	PROVIDE 60% CPT1 AND 40% CPT2 IN RANDOM, ASHLAR PATTERN WITH LONG EDGE OF TILE PARALLEL TO LONG EDGE OF ROOM.

FINISH SYMBOLS LEGEND & ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
AFF	ABOVE FINISH FLOOR
AWP	ACOUSTICAL WALL PANEL
CG	CORNER GUARD
CPT	CARPET
CS	CULTURED STONE
CT	CERAMIC/PORCELAIN TILE
EM	ENTRY MAT
EPT	EPOXY PAINT
ETR	EXISTING TO REMAIN
EXP	EXPOSED
GRT	GROUT
GWB	GYPSUM WALL BOARD
HPL	HIGH PRESSURE LAMINATE
PT	PAINT
QTZ	QUARTZ
RB	RESILIENT BASE
RSF	RUBBER SPORTS FLOORING
SC	SEALED CONCRETE
SSR	SOLID SURFACING
ST	STAIN (HARDWOOD)
TS	TRANSITION STRIP
VCT	VINYL COMPOSITION TILE
WC	WALL COVERING
WF	WINDOW FILM
WP	WALL PROTECTION
WT	WINDOW TREATMENT

XXX FLOOR FINISH DESIGNATION

SV1

SV2

FLOOR PATTERN PLAN GENERAL NOTES

1. REFER TO I200 SERIES FOR FINISH PLANS.
2. ALL FLOOR FINISHES SHALL TRANSITION AT CENTERLINE OF DOOR, UNLESS NOTED OTHERWISE.
3. ALL CT TO BE INSTALLED IN A STACKED BOND PATTERN UNLESS NOTED OTHERWISE.

1 / I201 FIRST FLOOR PATTERN PLAN

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

9/3/2026 4:18:15 PM

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SUNY Broome Community College

907 Upper Front St., Binghamton, NY 13905

NOT IN SCOPE

PROJECT AREA

KEY PLAN N.T.S

SUNY Broome Community College

Decker Hall - Dental Hygiene Clinic Renovations

907 Upper Front St., Binghamton, NY 13905

NO:	DATE:	DESCRIPTION:
2	09/03/2026	BID ADDENDUM #2

Revisions

PROJECT NUMBER: 2224432.01

DRAWN BY: STAFF

REVIEWED BY: LW

ISSUED FOR: BID

DATE: 08/14/2026

DRAWING NAME:

FIRST FLOOR PATTERN PLAN

DRAWING NUMBER:

I201

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	LOCATION	LOAD	VOLTAGE	PHASE	POWER SOURCE	CIRCUIT NUMBER	PROTECTIVE DEVICE RATING (A)	NUMBER OF POLES	CONDUCTORS & CONDUIT	DISCONNECT	NOTES
AHU-1	PENTHOUSE	41A MCA	208V	3	3LP-2		50A	2	(3)#8 AWG, (1)#8 GND IN (1) 3/4" CONDUIT	PROVIDE 50A FUSED NEMA 3R	REPLACE EXISTING CIRCUIT BREAKER TO A 2-POLE, 50A, 208V BREAKER IN EXISTING PANEL 3LP-2
RAF-1	PENTHOUSE	9.8A MCA	208V	3	3HP-2		10A	2	EXISTING CONDUIT	EXISTING	RECONNECT TO EXISTING CIRCUIT BREAKER IN EXISTING PANEL 3HP-2
EF-1	ROOFTOP	10A	208V	3	3HP-2		20A	2	EXISTING CONDUIT	EXISTING	RECONNECT TO EXISTING CIRCUIT BREAKER IN EXISTING PANEL 3HP-2
EF-2	ROOFTOP	8A	120V	3	3HP-2		15A	1	EXISTING CONDUIT	EXISTING	RECONNECT TO EXISTING CIRCUIT BREAKER IN EXISTING PANEL 3HP-2
EF-3	ROOFTOP	13A	120V	3	3HP-2		25A	1	EXISTING CONDUIT	EXISTING	RECONNECT TO EXISTING CIRCUIT BREAKER IN EXISTING PANEL 3HP-2
EF-9	STORE ROOM D144A	2A	120V	1	1LP5		15A	1	(2)#12 AWG, (1)#12 GND IN (1) 3/4" CONDUIT		

LUMINAIRE SCHEDULE

ID	LAMP TYPE	LAMP WATTS	MANUFACTURER	MODEL	DESCRIPTION	COLOR TEMP	LUMEN OUTPUT	NOTES
L1	LED	24.1	LITHONIA STAK	STAK 2X2 3000LM 80CRI 40K COL MIN1 ZT MVOLT	2X2 RECESSED	4000K	3240	
L2	LED	31.85	MARK ARCHITECTURAL LIGHTING SLOT 4	S4SD LLP 4FT MSL4 80CRI 40K 1000LMF SCT MIN1 FLL MVOLT	4" LINEAR	4000K	3889.8	DIMMING BALLAST. RECESS IN ARCHITECTURAL CEILING
L3	LED	26.3	LITHONIA CSS	CSS L48 AL03 MVOLT 40K 80CRI	SURFACE STRIP LIGHT	4000K	2	
L4	LED	23.52	INDY L6 SERIES	L6 23LM 40K MVOLT G4 80CRI ZT TRIM: L6 MW WH PF	6" DOWNLIGHT	4000K	3931	
L5	LED	24	MARK ARCHITECTURAL LIGHTING MEGELLAN	MG 36" 4 T5HO EDHL 120	36" DIA SURFACE MOUNT	4000K	2486	DIMMING BALLAST. CONFIRM FINISH WITH ARCHITECT
L6	LED		MARK ARCHITECTURAL LIGHTING MEGELLAN	MG 12" 4 T5HO EDHL 120	12" DIA SURFACE MOUNT	400K	1400	DIMMING BALLAST. CONFIRM FINISH WITH ARCHITECT
L7	LED		LITHONIA	1'X4' SURFACE LIGHT WITH CLOUD COVER		3000K	1500	
EM	LED		LITHONIA EMERGENCY LIGHT	LITHONIA ELM4L QUANTUM LED ADJUSTABLE OPTICS 120-277-120-120	WHITE, LED WITH ADJUSTABLE OPTICS 120V			2 HEADS WITH BATTERY
X1	LED	2.5	LITHONIA EDGE SERIES - EXIT LIGHT	EDG X R	EXIT SIGN	---	---	CHEVRON DIRECTION AND MOUNTING VARY, PROVIDE POWER FROM GENERATOR BACKUP PANEL

DESIGN BASE: GE SPECTRA SERIES OR APPROVED EQUAL
LOCATION: CORRIDOR 101C
BUS RATING: 100 Amps
MAIN: MCB
SERVICE ENTRANCE LABEL: 1CP-2

PANEL SCHEDULE

1CP-2

FULLY RATED AIC: --10kAIC
SERVICE: 120/208V, 3-PHASE, 4-WIRE
MOUNTING: RECESSED
FED FROM: EXISTING POWER PANEL DP-2
ENCLOSURE TYPE:

CKT.	LOAD DESIGNATION	WIRE SIZE	BREAKER	L1 (VA)		L2 (VA)		L3 (VA)		BREAKER	WIRE SIZE	LOAD DESIGNATION	CKT.
1	PG8583 DISINFECTOR		20A/2P	-	-					30A/2P		G7881 DISINFECTOR	2
3						-	-						4
5	ASSISTINA 301 PLUS, HANDPIECE MAINTENANCE SYSTEM AND BIOSONIC UC125 CLEANER		20A/1P					-	-	20A/1P		QUICKCLEAN ULTRASONIC	6
7	SCICAN STATIM 5000 AUTOCLAVE		20A/1P	-	-					20A/1P		2 WET MODEL TRIMMERS	8
9	2 ECONO VACUUMS		20A/1P			-	-			20A/1P		WHEEL CHAIR RECLINER	10
11	LIGHTING INVERTER (IT CLOSET)		20A/1P					-	-	20A/1P		COMMUNICATIONS RACK (IT CLOSET)	12
13	ACP1 (IT CLOSET)		20A/1P	-	-					20A/1P		ACP2 (IT CLOSET)	14
15	DH LAB D115 FLOOR RECEPTACLES		20A/1P			-	-			20A/1P		CLEAN PREP D103	16
17	DH LAB D115 FLOOR RECEPTACLES		20A/1P					-	-	20A/1P		DH LAB D115 EAST WALL MONITOR RECEPTACLES	18
19	DH LAB D115 FLOOR RECEPTACLES		20A/1P	-	-					20A/1P		DH LAB D115 SOUTH WALL, SIM LAB NORTH WALL	20
21	DH LAB D115 NORTH WALL		20A/1P			-	-			20A/1P		DH LAB D115 EAST WALL	22
23	DH LAB D115 EAST WALL		20A/1P					-	-	20A/1P			24
25			20A/1P	-	-					20A/1P			26
27			30A/1P			-	-			20A/1P			28
29			30A/1P					-	-	20A/1P			30
31			20A/1P	-	-					20A/1P			32
33			20A/1P			-	-			20A/1P			34
35			20A/1P					-	-	20A/1P			36
TOTAL CONNECTED VA/LEG				###		###		###					
TOTAL CONNECTED KVA				####									

DESIGN BASE: SQUARE D ---------- OR APPROVED EQUAL
LOCATION: ELECTRIC ROOM D100F
BUS RATING: 100 Amps
MAIN: --
SERVICE ENTRANCE LABEL: --

PANEL SCHEDULE

EXISTING PANEL 1LP6

FULLY RATED AIC: --10kAIC
SERVICE: 120/208V, 3-PHASE, 4-WIRE
MOUNTING: SURFACE
FED FROM: -
ENCLOSURE TYPE:

CKT.	LOAD DESIGNATION	WIRE SIZE	BREAKER	L1 (VA)		L2 (VA)		L3 (VA)		BREAKER	WIRE SIZE	LOAD DESIGNATION	CKT.
1	GENDEX X-RAY		20A/1P	-	-					20A/1P		GENDEX X-RAY	2
3	GENDEX X-RAY		20A/1P			-	-			20A/1P		PROGENY	4
5	GENDEX X-RAY		20A/1P					-	-	20A/1P		GENDEX X-RAY	6
7	SEIMANS-OP X-RAY		20A/1P	-	-					20A/1P		AUTOCLAVE, ULTRASOUND CLNR, RECEPT	8
9	---		20A/1P			-	-			20A/1P		NEW MODEL TRIMMER	10
11	FILM PROCESSOR		20A/1P					-	-	20A/1P		FILM DRYERS	12
13	SAFE LIGHTS		20A/1P	-	-					20A/1P		FILM DRYERS	14
15	EXISTING DENTAL CABINETS		20A/1P			-	-			20A/1P		LOBBY RECEPT.	16
17	EXISTING DENTAL CABINETS		20A/1P					-	-	20A/1P		LOBBY RECEPT	18
19	EXISTING DENTAL CABINETS		20A/1P	-	-					20A/1P		LOBY RECEPT.	20
21	ELEV PIT LIGHTS		20A/1P			-	-			20A/1P		SPARE	22
23	LIGHTING INVERTER		20A/1P					-	-	20A/1P		SPARE	24
25	SPARE		20A/1P	-	-					20A/2P		AUTO CLAV	26
27	EXISTING HAND DRYER		30A/1P			-	-						28
29	EXISTING HAND DRYER		30A/1P					-	-	20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	30
31	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P	-	-					20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	32
33	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P			-	-			20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	34
35	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P					-	-	20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	36
37	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P	-	-					20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	38
39	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P			-	-			20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	40
41	DENTAL CHAIR CABINET (2 TOTAL)		20A/1P					-	-	20A/1P		DENTAL CHAIR CABINET (2 TOTAL)	42
TOTAL CONNECTED VA/LEG				###		###		###					
TOTAL CONNECTED KVA				####									

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C.A.NUMBER:
GEOLOGICAL: 018750
LAND SURVEYING: 017976
PROFESSIONAL ENGINEERING: 018281

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ISSUED FOR: BID ADDENDUM #2

DRAWING NAME: **ELECTRICAL SCHEDULES**

DRAWN BY: GM | DATE: 08/25/2026 | PROJECT NO.: 2224432.01

PROJECT NAME: **SUNY BROOME DECKER HALL – DENTAL HYGIEN RENOVATION**
907 Upper Front St., Binghamton, NY 13905

DRAWING NUMBER: **SKE-601. -1**

SECTION 011150 - PROJECT SCHEDULE

PART 1 – GENERAL

1.1 SUMMARY

A. This section includes:

a. Work Sequence
b. Schedule

B. Related Sections:

1. Section 011000 – Summary of Work
2. Section 011200 – Multiple Contract Summary
3. Section 015000 – Temporary Facilities and Controls

1.2 WORK SEQUENCE

A. All Work will be conducted in a number of continuous phases structured to minimize interference with the activities of the SUNY Broome's personnel, and structured to permit the facilities to be occupied during construction and renovations at the existing building.

1. The Prime Contractor is responsible for providing adequate manpower as needed throughout the course of the Project to maintain the overall construction schedule and milestone dates.

B. Typical work hours shall be between the hours of 7:00 AM and 4:30 PM daily, Monday through Friday. Work areas of the existing buildings shall generally be available for construction between 4:30 PM and 11:00 PM daily, Monday through Friday. No work shall be performed in occupied areas of the existing building unless the work area is isolated from the occupied area. Unoccupied areas of existing buildings during school holidays and breaks shall generally be available for construction 24 hours daily. All work to be coordinated with and approved by SUNY Broome through the Construction Manager. Activity and access shall be confined to the designated staging and construction areas. All exits and escape windows shall be maintained at all times. Activity in the staging area shall be conducted in a manner that causes minimal disruption to operations. Any Work that requires disruption to existing building occupants, entries, exits, utilities, etc. shall be coordinated with and approved by SUNY Broome through the Construction Manager. Start of work day where noise is generated and disruptive to adjoining neighborhoods start time will be subject to local noise ordinances at no costs for compliance shall be passed onto SUNY Broome. Contractors are subject to start and finish times of equipment in accordance with local noise ordinances and contractors are responsible for associated costs and maintain the schedule.

C. The Contractor shall plan labor, materials (including long lead items), equipment and subcontractors as needed to complete Work in accordance with the following project completion schedule, including punch list completion.

D. All work to be coordinated with and approved by the SUNY Broome through the Construction Manager. Activity and access shall be confined to the designated staging and construction areas. Activity in the staging area shall be conducted in a manner that causes minimal disruption to SUNY Broome operations. Any work that requires disruption to existing building occupants, entries, exit's, utilities, etc. shall be coordinated with and approved by the SUNY Broome through the Construction Manager. Start of work day where noise is generated and disruptive to adjoining neighborhoods start time will be subject to local noise ordinances at no costs for compliance shall be passed onto the SUNY Broome. Contractors are subject to start and finish times of equipment in accordance with local noise ordinances and contractors are responsible for associated costs and maintain the schedule.

E. All additional costs for overtime or second or third shift Work required by any Contractor to ensure Work completion in accordance with the project completion dates below will be the responsibility of the Contractor. Costs related to service shutdowns, utility transfers, work in occupied spaces when necessary to be completed nights, weekends, holidays etc. shall be borne by the Contractor.

F. Each Bidder shall plan labor, materials (including long lead items), equipment and subcontractors as needed to complete work in accordance with the following project completion schedule, including punch list completion.

1.3 SCHEDULE

A. Invitation to Bid Issued: 8/19/2026

B. Pre-Bid Walkthrough: August 25, 2026 at 10:00 and AM

C. Pre-Bid Walkthrough: August 25, 2026 at 1:00 PM

D. Bid Submission Due Date: September 23, 2026 by 2:00 PM

E. Letter of Intent: No later than December 11, 2026

F. Submittals: December 14, 2026 - May 21, 2027

G. Construction Start:05/24/2027

H. Substantial completion:08/16/2027

I. Punchlist and all remaining work: August 12-27, 2027

J. Construction Completion: August 24, 2027

K. Closeout: September 24, 2027

PART 2 – PRODUCTS (DOES NOT APPLY)

PART 3 – EXECUTION (DOES NOT APPLY)

– END OF SECTION 011150 –

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Project Milestone Schedule
SUNY Broome Community College
Decker Hall – Dental Hygiene Renovation

Phase	Date:	Task	
Bidding Phase	08/16/26	Advertisement for Bid	
	08/19/26	Construction Drawings available for pick-up	
	08/25/26	Pre-Bid Walk Thru @ 10:00am and 1:00pm	
	09/23/26	Bids Due by 2:00pm	
	10/15/26	Board or Legislature approvals	
	12/11/26	Contracts issued to Contractors	
Submittals/Shop Drawings	12/14/26	Submittals Shop Drawings	2026
	02/1/27	Contractors Material Fabrication	
Construction Phase	05/17/27	Contractors Mobilization	
	05/24/27	Construction starts date – All Contracts	
	06/23/27	Patterson Dental Blocking Inspection	
Owner Occupy	8/16/27	Substantially Complete	
	8/27/27	Owner Occupy	2027

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SECTION 012100 – ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if the Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternates into the Work. No other adjustments are made to the Contract Sum

1.4 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include, as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation, whether or not indicated as part of alternate.

B. Execute accepted alternates under the same conditions as other Work of the Contract.

C. Schedule: A Part 3 "Schedule of Alternates" Article is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

1. GC-ALT-01: DOORS, FRAMES AND HARDWARE SETS– ADD ALTERNATE
   a. GC- ALT. 01

      1) As listed in A600/Door Schedule under Alternate: Provide new door and components and finish work as specified and described on drawing A600 and A408.

2. M-ALT-01 SEALING OF DUCTWORK
   a. M-ALT. 01

      1) Mechanical Contractor shall provide the cost to seal existing supply and return ductwork for AHU-1 including joints, seams, and wall penetrations to match new ductwork. Seal and leakage class shall match new ductwork.

END OF SECTION 012100

SECTION 064023 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

2.01 SECTION INCLUDES

A. Plastic-laminate cabinets and shelving.
B. Solid-surfacing-material countertops and sinks.
C. Countertops.
D. Custom millwork.
E. Hardware.

2.02 RELATED REQUIREMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

B. Section 061000 - Rough Carpentry: for wood furring, blocking, shims, and hanging strips required for installing woodwork and concealed within other construction before woodwork installation.

C. I001 “Color and Finish Legend” for owner approved, basis-of-design selections.

2.03 DEFINITIONS

A. Interior architectural woodwork includes wood furring, blocking, shims, and hanging strips for installing woodwork items unless concealed within other construction before woodwork installation.

B. MDF: Medium Density Fiberboard.

C. ABS: Acrylonitrile Butadiene Styrene

D. Exposed Surfaces of Casework: Surfaces visible when doors and drawers are closed, including bottoms of cabinets more than 48 inches above floor, and visible surfaces in open cabinets or behind glass doors.
   1. Ends of cabinets, including those installed directly against walls or other cabinets are defined as "exposed."
   2. Ends of cabinets indicated to be installed directly against and completely concealed by walls or other cabinets are defined as "concealed."

3. Interior surfaces of open bookcases are defined as “exposed”.

E. Concealed Surfaces of Casework: Include sleepers, web frames, dust panels, and other surfaces not usually visible after installation.

F. Hardwood Plywood: Panel product composed of layers or plies of veneer or of veneers in combination with lumber core, hardboard core, MDF core or particleboard core, joined with adhesive and faced both front and back with hardwood veneers.

2.04 ADMINISTRATIVE REQUIREMENTS

A. Preinstallation Meeting: Convene a preinstallation meeting not less than one week before starting work of this section; require attendance by all affected installers.

2.05 SUBMITTALS

A. Product Data: For each type of product indicated, including cabinet hardware and accessories and finishing materials and processes.

B. Product Data: For panel products high-pressure decorative laminate adhesive for bonding plastic laminate solid-surfacing material fire-retardant-treated materials cabinet hardware and accessories and finishing materials and processes.
   1. Include data for fire-retardant treatment from chemical treatment manufacturer and certification by treating plant that treated materials comply with requirements.

C. Shop Drawings: Show location of each item, dimensioned plans, elevations, sections, details, and attachments to other work.
   1. Show locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.
   2. Show locations and sizes of cutouts and holes for plumbing fixtures, faucets, soap dispensers, and other items installed in architectural woodwork.
   3. Show veneer leaves with dimensions, grain direction, exposed face, and identification numbers indicating the flitch and sequence within the flitch for each leaf.
   4. Indicate locations of and clearances from adjacent walls, doors, windows, other building components, and other equipment.
   5. Indicate locations of hardware and keying of locks.

D. Samples for Initial Selection:
   1. Shop-applied opaque finishes.
   2. Plastic laminates.
   3. ABS edge material.
   4. Thermoset decorative panels.
   5. Solid-surfacing materials.

E. Samples for Verification: Unless otherwise directed, approved full size Samples may become part of completed Work, if in an undisturbed condition at time of Substantial Completion. Notify Architect of their exact locations. If not incorporated into Work, retain acceptable full-size Samples at Project site and remove when directed by Architect.
   1. Certificate: Submit labels and certificates required by quality assurance and quality control programs.
   2. Lumber with or for transparent finish, not less than 6 by 6 inches, for each species and cut, finished on 1 side and 1 edge.
   3. Veneer leaves representative of and selected from flitches to be used for transparent-finished woodwork.
   4. Plastic laminates, 8 by 10 inches (200 by 250 mm), for each type, color, pattern, and surface finish, with 1 sample applied to core material and specified edge material applied to 1 edge.
   5. Thermoset decorative-panels, 8 by 10 inches (200 by 250 mm), for each type, color, pattern, and surface finish, with edge banding on 1 edge.
   6. Solid-surfacing materials, 6 inches (150 mm) square.
   7. One (1) full size finished base cabinet complete with hardware, doors, and drawers.
   8. One (1) Sample each of hinged and sliding doors, if applicable to project.
   9. One (1) of each type of hardware item specified.
   10. Sample submittal not required if specified product is submitted.
   11. Delete subparagraph below if Product Data are acceptable.
   12. Exposed cabinet hardware and accessories, one unit for each type and finish.

F. Product Certificates: For each type of product, signed by product manufacturer.

G. Qualification Data: For Installer/fabricator.

2.06 QUALITY ASSURANCE

A. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance. Shop is a certified participant in AWI's Quality Certification Program.

B. Installer Qualifications: Certified participant in AWI's Quality Certification Program.

C. Source Limitations: Engage a qualified woodworking firm to assume undivided responsibility for production of interior architectural woodwork with sequence-matched wood veneers.

D. Quality Standard: Unless otherwise indicated, comply with AWI's "Architectural Woodwork Quality Standards" for grades of interior architectural woodwork indicated for construction, finishes, installation, and other requirements.

1. Provide AWI Quality Certification Program labels and certificates indicating that millwork, including installation, complies with requirements of grades specified. **Project does not need to be AWI Certified.**

E. Fire-Test-Response Characteristics: Where fire-retardant materials or products are indicated, provide materials and products with specified fire-test-response characteristics as determined by testing identical products per test method indicated by UL, ITS, or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify with appropriate markings of applicable testing and inspecting agency in the form of separable paper label or, where required by authorities having jurisdiction, imprint on surfaces of materials that will be concealed from view after installation.

2.07 MOCK-UPS

A. Mockups: Build mockups to verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.

1. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

B. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination."

2.08 DELIVERY, STORAGE, AND HANDLING

A. Do not deliver woodwork until painting and similar operations that could damage woodwork have been completed in installation areas. If woodwork must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Project Conditions" Article.

2.09 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is complete, and HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

B. Field Measurements: Where woodwork is indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
   1. Locate concealed framing, blocking, and reinforcements that support woodwork by field measurements before being enclosed and indicate measurements on Shop Drawings.
   2. Established Dimensions: Where field measurements cannot be made without delaying the Work, establish dimensions and proceed with fabricating woodwork without field

measurements. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions.

2.10 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that interior architectural woodwork can be supported and installed as indicated.
B. Coordinate installation of Casework with installation of specified appliances.

PART 2 PRODUCTS

4.01 MATERIALS

A. General:
   1. Provide materials that comply with requirements of AWI's quality standard for each type of woodwork and quality grade specified, unless otherwise indicated.
   2. Low Emitting Materials: Provide manufactured casework, including countertops, made with adhesives and composite wood products containing no added urea formaldehyde.

B. Wood Species and Cut for Transparent Finish: red oak, rift cut.
   1. Lumber materials for exposed wood cabinet surfaces: Red oak grade FAS or better, air dried and kilm dried to 6 percent moisture content, then tempered to 7-8 percent prior to fabrication. Red oak exposed to view to be free of stains, splits, shakes, season checks, and other similar defects.
   2. Lumber materials for semi- exposed and concealed wood cabinet surfaces: Other hardwoods, grade FAS or better, air dried and lilm dried to 6 percent moisture content, then tempered to 7-8 percent prior to fabrication. Other hardwoods are used in semi-exposed, or, unexposed, areas and comply with NHLA grading for FAS or better lumber.

C. Wood Products: Comply with the following:
   1. Hardboard: AHA A135.4, service tempered and consisting of steam-exploded wood fibers, highly compressed into a hard, dense, ¼ inch thick, homogeneous sheet, using natural resins and other added binders. Physical properties: Average modulus of
   2. rupture is 5,300-lbs. /sq. inch; density is 50 to 60 lbs. /cu. foot; and tensile strength of 3,500 lbs. /sq. inch.
   3. Medium-Density Fiberboard: ANSI A208.2, Grade MD, made with binder containing no urea formaldehyde.
   4. High Performance Particle Board Core:
      a. Particleboard to be 47 lb. density of balanced 3 ply construction with moisture content not to exceed 8 percent. Particleboard shall conform to ANTI A208.1 1993, Type M 3.
      b. Particleboard cabinet components for plastic laminate cabinets to be of the following minimum core thicknesses prior to lamination:
         1) 3/16 inch cabinet backs.

2) 1/2 inch dividers, as detailed.
3) 3/4 inch base and tall cabinet tops and bottoms, cabinet sides, door, cabinet back rear hang strips, dividers, exposed cabinet backs.
4) 1 inch wall cabinet tops and bottoms, door cabinet shelving 30 inch width and over, and off wall shelving of all widths.
5) Softwood Plywood. DOC PS1 Medium Density Overlay.

D. Thermoset Decorative Panels: Particleboard or medium-density fiberboard finished with thermally fused, melamine-impregnated decorative paper complying with LMA SAT-1.
   1. Provide ABS edge banding on components with exposed or semiexposed edges.

E. 3mm and 1mm thick ABS Edge Banding. Solid, high impact, purified, color thru, acid resistant, pre-lamination primed edging, machine applied with hot melt adhesives, automatically trimmed, inside/outside length radiused for uniform appearance, buffed and corner radiused for consistent design. Colors shall be selected from manufacturer's full range. Minimum of one different color for each laminate color.
   1. Basis of Design Product: **Wilsonart, ABS Edgeband** or Architect approved equal.
      a. Colors: TBD. Allow for a minimum of one color for each laminate selection.
   2. Edging locations: Provide above specified edging at the following locations:
      a. Cabinet Door/Drawer front edge: 3mm.
      b. Cabinet body edge, including door/drawer front spacer rail: 3mm.
      c. Interior body component edging, interior dividers, top of drawer body, all four sides of all shelving: 1mm.
      d. Countertop edges, front, and exposed ends: 3mm.

F. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or, if not indicated, as required by woodwork quality standard.
   1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering high-pressure decorative laminates that may be incorporated into the Work include, but are not limited to, the following:
      a. Nevamar Company, LLC; Decorative Products Div.
      b. Wilsonart International; Div. of Premark International, Inc.
      c. Formica Corporation.
      d. Arborite; Division of ITW Canada, Inc.
      e. Lab Designs; Architectural Laminates

   2. High pressure plastic laminate, .030-inch thickness, for vertical exposed cabinet surfaces shall meet NEMA LD3 1991 GP28 standards including thickness.
      a. Colors: As indicated in Finish Legend in Drawings.
   3. Plastic Laminate Balancing Sheet: White high pressure cabinet liner, .020-inch thickness shall meet NEMA LD3 1991 CL 20 standards. Use for balancing exterior surface laminates.
   4. Countertop High Pressure Plastic Laminate:
      a. High pressure plastic laminate,.050-inch thickness.
         1) Color: As indicated in Finish Legend on Drawings.
      b. Heavy gauge neutral colored backing sheet for balanced construction. Exposed undersides shall be .020 White Liner.

5. Pressure Fused Laminate:
   a. Melamine resin impregnated, 80-gram PSM minimum, surface laminated to core under pressure.
   b. Shall meet NEMA LD3.3 1991 GP28 standards and NEMA LD3 1991 CL20 standards.
   c. Shall be used for semi-exposed surfaces.
   d. Shall be balanced at all concealed surfaces with phenolic backer. Unsurfaced core board not allowed.

6. Solid-Surfacing Material: Homogeneous solid sheets of cast filled acrylic, not coated, laminated or of composite construction, meeting ANSE Z124-1980, Type Six.
   a. Superficial damage to a depth of 0.10 of an inch shall be repairable by sanding or polishing.
   b. **Basis-of-Design Product**: Subject to compliance with requirements, provide **Dupont, Corian** or comparable product.
   c. Colors: As indicated on Finish Legend on Drawings.
   d. Type**:** Standard.
      1) Countertops: 1/2-inch material.
   e. Accessory Products:
      1) Joint adhesive: Manufacturer's standard two-part adhesive kit to create inconspicuous, non-porous joints.
      2) Panel Adhesive: Manufacturer's standard neoprene-based panel adhesive meeting ANSI A136.1-1967 and UL listed.
      3) Sealant: Manufacturer's standard mildew resistant FDA/UL recognized silicone sealant in colors matching components.

7. Fasteners: Provide screws, bolts, and other fastening devises made from same material as items being fastened, except provide hot- dip galvanized, stainless steel, or aluminum fasteners for exterior applications. Provide types, sizes, and lengths to suit installation conditions. Use security fasteners where exposed to view.

4.02 FIRE RETARDANT MATERIALS

A. General: Where fire-retardant-treated materials are indicated, use materials complying with requirements in this Article, that are acceptable to authorities having jurisdiction, and with fire-test-response characteristics specified.
   1. Do not use treated materials that do not comply with requirements of referenced woodworking standard or that are warped, discolored, or otherwise defective.
   2. Use fire-retardant-treatment formulations that do not bleed through or otherwise adversely affect finishes. Do not use colorants to distinguish treated materials from untreated materials.
   3. Identify fire-retardant-treated materials with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another testing and inspecting agency acceptable to authorities having jurisdiction.

B. Fire-Retardant-Treated Lumber and Plywood by Pressure Process: Comply with performance requirements of AWPA C20 (lumber) and AWPA C27 (plywood). Use the following treatment type:
   1. Exterior Type: Organic-resin-based formulation thermally set in wood by kiln drying.
   2. Interior Type A: Low-hygroscopic formulation.
   3. Mill lumber after treatment within limits set for wood removal that do not affect listed fire-test-response characteristics, using a woodworking plant certified by testing and inspecting agency.
   4. Mill lumber before treatment and implement special procedures during treatment and drying processes that prevent lumber from warping and developing discolorations from drying sticks or other causes, marring, and other defects affecting appearance of treated woodwork.
   5. Kiln-dry materials before and after treatment to levels required for untreated materials.

C. Fire-Retardant Particleboard: Panels complying with the following requirements, made from softwood particles and fire-retardant chemicals mixed together at time of panel manufacture to achieve flame-spread index of 25 or less and smoke-developed index of 25 or less per ASTM E 84.
   1. For panels 3/4 inch (19 mm) thick and less, comply with ANSI A208.1 for Grade M-2 except for the following minimum properties: modulus of rupture, 1600 psi (11 MPa); modulus of elasticity, 300,000 psi (2070 MPa); internal bond, 80 psi (550 kPa); and screw-holding capacity on face and edge, 250 and 225 lbf (1100 and 1000 N), respectively.
   2. For panels 13/16 to 1-1/4 inches (20 to 32 mm) thick, comply with ANSI A208.1 for Grade M-1 except for the following minimum properties: modulus of rupture, 1300 psi (9 MPa); modulus of elasticity, 250,000 psi (1720 MPa); linear expansion, 0.50 percent; and screw-holding capacity on face and edge, 250 and 175 lbf (1100 and 780 N), respectively.
   3. Product: Subject to compliance with requirements, provide "Duraflake FR" by Weyerhaeuser.

D. Fire-Retardant Fiberboard: Medium-density fiberboard panels complying with ANSI A208.2, made from softwood fibers, synthetic resins, and fire-retardant chemicals mixed together at time of panel manufacture to achieve flame-spread index of 25 or less and smoke-developed index of 200 or less per ASTM E 84.
   1. Product: Subject to compliance with requirements, provide "Medite FR" by SierraPine Ltd.; Medite Div.

4.03 CABINET HARDWARE AND ACCESSORIES

A. General:
   1. Provide cabinet hardware and accessory materials associated with architectural cabinets.
   2. Hardware Finish: Brushed Chrome, unless otherwise noted.

B. Hinges: Provide 2 hinges for doors up to 36 inches high. Provide 3 hinges for doors up to 60 inches high. Provide 4 hinges for doors up to 84 inches high.
   1. Typical Hinges: Concealed European hinges.

2. Basis of Design Product: **Salice Series M**, 270 degree, 3 knuckle, grade 1 institutional hinge with integrated stay close device, constructed of die cast zinc with bright nickel finish and complying with BHMA A156.9.

C. Pulls/ Handles:
1. Specialty Pull for wall and base cabinets:
   a. Basis of Design Product: **Richelieu Functional Aluminum Pull #221** 3-5/16" pulls, Brushed Chrome finish
   b. 1 pull on drawings less than 27 inches wide and 2 pulls on drawers 27 inches wide and larger.
2. Tall Cabinets: 3-point locking systems consisting of dummy handle on left hand door and 3- point locking handle on right door, providing positive latching engagement at top, bottom and middle of door. Rod ends for 3- point system extend into cabinet body and have a steel plate guide to protect the anchoring hole from wear. Exterior handle finishes in either satin chrome or black as directed by Architect.

D. Catches: Magnetic Catches.
1. Basis of Design Product: **KV 918 ALUM Heavy- Duty Aluminum Magnetic Catch**, 2-1/16 inches by 1 inch, pull strength of approximately 7 pounds, aluminum finish. Screw-mounted catch and strike plate have slotted holes for adjustability.
2. Doors up to 36 inches high: one catch each.
3. Doors 36 inches high and over: two catches, located top and bottom.

E. Adjustable Shelf Standards and Supports: Heavy- duty steel
1. Basis of Design Product: **KV Series 82 Heavy- Duty Standards and 182 Series Heavy-Duty Brackets**
   a. BHMA Grade 2
   b. Powder- coat finish
   c. 16 gauge steel brackets, 14 gauge steel standards
   d. Adjustable on 1 inch centers.
   e. Height: As indicated in Drawings

F. Shelf Clips: Clear Polycarbonate, laboratory standard grade, double ¼ inch diameter pins, 32mm on center, equipped with shelf lock hold down tabs for ¾ inch or 1 inch thick shelves. Clips should accommodate interchanging of shelves and thicknesses if desired by Owner.

G. Drawer Slides: BHMA A156.9, B05091
1. Heavy Duty (Grade 1HD-100 and Grade 1HD-200): Side mounted; full-extension type; zinc-plated steel ball-bearing slides.
   a. Basis of Design Product: **Accuride model #3832**
   b. 100 pound load capacity

H. Locks: Cylinder type, die- cast, five disc tumbler mechanism with removable core.
1. Basis of Design Product: CompX National or equal
2. Provide locks at all locations, unless noted otherwise.
3. **Keys and master key as directed by the Owner and Architect.**
4. Provide 3 core keys so that facility may switch out locks as required.

5. Provide two keys for each lock.

I. Closet Rods:
   1. Basis of Design Product: KV model 880 Extra- Duty Oval Closet Rod and 881 Flange

J. Grommets for Cable Passage through Countertops: Metal grommets and matching caps with slot for wire passage.
   1. Basis of Design Product: Subject to compliance with requirements, provide **Brava series BRV2 by Doug Mockett & Company, Inc**.
      a. Finish: Satin Chrome
      b. Brush Opening
      c. 3-15/32 inches
      d. Locations: Provide at all worksurface locations not more than 4' – 0" on center.

K. Coat Hooks
   1. Basis of Design Product: **Hafele Wall Mounted Hook, Matte Brushed Stainless Steel**.
      a. Colors: Brushed Stainless Steel
      b. Weight Capacity: 25 pounds
      c. Spacing: 12 inches on center maximum.

L. Surface- Mount Counter Support Brackets:
   1. Basis of Design Product: **EH Series by Rakks**.
      a. Provide EH-1824 for 30-inch-deep counters
      b. Provide EH-1818 for 24-inch-deep counters
      c. Provide EH-1212 for 18-inch-deep counters
      d. Colors: As selected by Architect from manufacturer's full range.
      e. Weight Capacity: 450 pounds
      f. Spacing: 10 inches on center maximum.

M. Flush- Mount Counter Support Brackets:
   1. Basis of Design Product: **EH- Inside Wall Mount Brackets by Rakks.**
      a. Colors: As selected by Architect from manufacturer's full range.
      b. Locations: As indicated in elevations and millwork details.

N. Exposed Hardware Finishes: For exposed hardware, provide finish that complies with BHMA A156.18 for BHMA finish number indicated.
   1. Satin Chromium Plated: BHMA 626 for brass or bronze base; BHMA 652 for steel base.
   2. Bright Chromium Plated: BHMA 625 for brass or bronze base; BHMA 651 for steel base.
   3. Satin Stainless Steel: BHMA 630.

O. For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in BHMA A156.9.

4.04 MISCELLANEOUS MATERIALS

A. Furring, Blocking, Shims, and Hanging Strips: Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content.

B. Furring, Blocking, Shims, and Hanging Strips: Fire-retardant-treated softwood lumber, kiln dried to less than 15 percent moisture content.

C. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide nonferrous-metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance. Provide toothed-steel or lead expansion sleeves for drilled-in-place anchors.

D. Adhesives, General: Do not use adhesives that contain urea formaldehyde.

E. VOC Limits for Installation Adhesives and Glues: Use installation adhesives that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):
   1. Wood Glues: 30 g/L.
   2. Contact Adhesive: 250 g/L.

4.05 FABRICATION

A. Assembly: Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.

B. Interior Woodwork Grade: Unless otherwise indicated, provide Custom-grade interior woodwork complying with referenced quality standard.

C. Wood Moisture Content: Comply with requirements of referenced quality standard for wood moisture content in relation to ambient relative humidity during fabrication and in installation areas.

D. Sand fire-retardant-treated wood lightly to remove raised grain on exposed surfaces before fabrication.

E. If applicable, insert subparagraph to describe conditions where eased edges are not required.

F. Complete fabrication, including assembly, finishing, and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
   1. Notify Architect seven days in advance of the dates and times woodwork fabrication will be complete.

2. Trial fit assemblies at fabrication shop that cannot be shipped completely assembled. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting. Verify that various parts fit as intended and check measurements of assemblies against field measurements indicated on Shop Drawings before disassembling for shipment.

G. Shop-cut openings to maximum extent possible to receive hardware, appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or roughing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.
   1. Seal edges of openings in countertops with a coat of varnish.

4.06 PLASTIC-LAMINATE CABINETS

A. Grade: Custom.

B. AWI Type of Cabinet Construction: Flush overlay.
   1. Reveal Dimension: 3/8 inch reveals between doors and drawers that are adjacent.

C. Laminate Cladding for Exposed Surfaces: High-pressure decorative laminate complying with the following requirements:
   1. Horizontal Surfaces Other Than Tops: Grade HGS.
   2. Postformed Surfaces: Grade HGP.
   3. Vertical Surfaces: Grade VGP.
   4. Edges: ABS edgebanding.

D. Grain Direction for Wood Grain Plastic Laminate:
   1. Vertical on doors, horizontal on drawer fronts.
   2. Lengthwise on face frame members.
   3. Vertical on end panels.
   4. Side to side on bottoms and tops of units.
   5. Vertical on knee-space panels.
   6. Horizontal on aprons.

E. Construction: Provide laminate faced Casework of the following minimum construction:
   1. Base Cabinets: 24 inches deep, unless otherwise noted.
   2. Overhead Wall Mounted Cabinets: 12 inches deep, unless otherwise noted.
   3. Veneer core hardwood plywood is stronger than particleboard or MDF core hardwood plywood but is more likely to warp, especially where it is unrestrained.
   4. Bottoms of base cabinets and tall cabinets: 3/4 inch thick hardwood plywood.
   5. Bottoms of wall and upper case: 1 inch thick.
   6. Tops and Bottoms of Wall Cabinets and Tops of Tall Cabinets: 1 inch thick.
      a. Bottoms: Exposed pocket shoulder screws are not acceptable.
   7. Ends of Cabinets: 3/4 inch thick.
   8. Shelves: 1 inch thick.
   9. Full Base Cabinet Top Frames:

a. Horizontal front top rail: 1 x 3 inches. Attach to cabinet ends with glued 8mm dowel joinery and screws.
b. Vertical back top rail: 3/4 x 3-3/4 inch. Attach to cabinet ends with glued 8mm dowel joinery and screws.
c. Top side rails: 3/4 x 1-1/2 inch between front horizontal and back vertical rails, glued and screwed in place.

10. Wall, upper and tall case tops: 1 inch thick.
11. Base cabinet front horizontal intermediate rail: 3/4 x 1-1/2 inch rail to be provided between doors and drawers. Secure to cabinet end panels with glued 8mm dowel joinery.
12. Backs: Backs that extend through the bottom panels are not acceptable.
13. Exposed backs: 1/4-inch thick, recessed 7/8 inch and set into top, bottom and ends, sealed with hot melt glue process around entire perimeter of cabinet.
14. Semi-exposed backs: 1/4-inch thick, recessed 7/8 inch and set into top, bottom and ends, sealed with hot melt glue process around entire perimeter.
15. Concealed backs:
    a. Cupboard units: One-piece 3/16 inch thick hardboard, rabbeted into rear top rail for easy removal from inside of cabinet.
    b. Drawer units: Removable 3/16-inch-thick hardboard split back panels, rabbeted into top rail.
    c. Sink units: Half height, one-piece 3/16 inch thick hardboard, rabbeted into rear rail for easy removal from inside cabinet.
16. Vertical dividers in combination cabinets: 1-1/2-inch-thick panel glued and screwed in place, top and bottom.
17. Toe space rail: 3-3/4 x 3/4 inch, mounted between end panels with glued 8mm dowel joinery and metal fasteners, forming a 4 high x 2-1/2-inch-deep toe space, closed to cupboard bottom.
18. Drawer Fronts: 3/4 inch thick.
19. Drawer Sides and Backs: Four- sided drawer box with back, front and sides, 1/2 thick with chemical resistant finish and finished top edges. Sides shall be joined by multiple dovetail all four corners.
20. Drawer Bottoms: 1/4-inch thick white coated MDF board, inset into all four sides of drawer box and sealed with hot melt glue process around entire drawer bottom perimeter.
21. Doors: 3/4 inch thick.
22. Upper cabinet apron/ valance: for concealment of undercabinet lighting
    a. 2 inches in height, thickness to match that of cabinet frame.
    b. In locations where valances/ undercabinet lighting is noted in drawings, cabinet door height shall include the height of the cabinet body in addition to the height of the valance.

F. Filler and Closure Panels: Provide where indicated and as needed to close spaces between cabinets and walls, ceilings, and indicated appliances. Fabricate from same material and with same finish as adjacent exposed cabinet surfaces unless otherwise indicated.
1. Provide utility space closure panels at spaces between base cabinets where utility space would otherwise be exposed, including spaces below countertops.
2. Provide closure panels at ends of utility spaces where utility space would otherwise be exposed.

3. Provide knee space panels (modesty panels) at spaces between base cabinets, where cabinets are not installed against wall or where space is not otherwise closed. Fabricate from same material and with same finish as exposed cabinet backs

4.07 SOLID-SURFACING-MATERIAL COUNTERTOPS (SSR)

A. Grade: Custom.

B. Solid-Surfacing-Material Thickness: 1/2 inch (13 mm).

C. Colors, Patterns, and Finishes: Provide materials and products that result in colors of solid-surfacing material complying with the following requirements:
   1. As selected by Architect from manufacturer's full range.

D. Fabricate tops in one piece, unless otherwise indicated. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing.
   1. Fabricate tops with shop-applied edges of materials and configuration indicated.
   2. Fabricate tops with loose backsplashes for field application.

E. Install integral sink bowls in countertops in shop.

F. Drill holes in countertops for plumbing fittings and soap dispensers in shop.

4.08 HIGH PRESSURE LAMINATE COUNTERTOPS

A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades of plastic-laminate-clad countertops indicated for construction, finishes, installation, and other requirements.

   1. Provide inspections of fabrication and installation together with labels and certificates from AWI certification program indicating that countertops comply with requirements of grades specified.
   2. The Contract Documents contain requirements that are more stringent than the referenced quality standard. Comply with requirements of Contract Documents in addition to those of the referenced quality standard.

B. Grade: Custom

C. High-Pressure Decorative Laminate: ISO 4586-3, Grade HGP

D. Chemical-Resistant, High-Pressure Decorative Laminate: ISO 4586-3, Grade HGP, and as follows:

1. Physical Properties: Minimum acceptable chemical-resistance performance to result in no more than four (4) Level 3 conditions when tested with indicated reagents in accordance with SEFA 3.

E. Colors, Patterns, and Finishes: As indicated on Color and Finish Legend

F. Edge Treatment: Same as laminate cladding on horizontal surfaces.

G. Core Material: Particleboard or MDF

H. Core Thickness: 1-1/8 inch (29mm)

1. Build up countertop thickness to 1-1/2 inches (38 mm) at front, back, and ends with additional layers of core material laminated to top.

I. Backer Sheet: Provide plastic-laminate backer sheet, ISO 4586-3, grade to match exposed surface, on underside of countertop substrate.

J. Paper Backing: Provide paper backing on underside of countertop substrate.

4.09 SHOP FINISHING

A. Grade: Provide finishes of same grades as items to be finished.

B. General: Finish architectural woodwork at fabrication shop as specified in this Section. Defer only final touchup, cleaning, and polishing until after installation.

C. General: Shop finish transparent-finished interior architectural woodwork at fabrication shop as specified in this Section. Refer to Division 09 painting Sections for finishing opaque-finished architectural woodwork.

D. General: Drawings indicate items that are required to be shop finished. Finish such items at fabrication shop as specified in this Section. Refer to Division 09 painting Sections for finishing architectural woodwork not indicated to be shop finished.

E. Shop Priming: Shop apply the prime coat including backpriming, if any, for transparent-finished items specified to be field finished. Refer to Division 09 painting Sections for material and application requirements.

F. Preparation for Finishing: Comply with referenced quality standard for sanding, filling countersunk fasteners, sealing concealed surfaces, and similar preparations for finishing architectural woodwork, as applicable to each unit of work.
   1. Backpriming: Apply one coat of sealer or primer, compatible with finish coats, to concealed surfaces of woodwork. Apply two coats to back of paneling and to end-grain surfaces. Concealed surfaces of plastic-laminate-clad woodwork do not require backpriming when surfaced with plastic laminate, backing paper, or thermoset decorative panels.

PART 3 EXECUTION

6.01 PREPARATION

A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas.

B. Before installing architectural woodwork, examine shop-fabricated work for completion and complete work as required, including removal of packing and back priming.

6.02 INSTALLATION

A. Grade: Install woodwork to comply with requirements for the same grade specified in Part 2 for fabrication of type of woodwork involved.

B. Assemble woodwork and complete fabrication at Project site to comply with requirements for fabrication in Part 2, to extent that it was not completed in the shop.

C. Install woodwork level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb (including tops) to a tolerance of 1/8 inch in 96 inches (3 mm in 2400 mm).

D. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.

E. Fire-Retardant-Treated Wood: Handle, store, and install fire-retardant-treated wood to comply with chemical treatment manufacturer's written instructions, including those for adhesives used to install woodwork.

F. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Secure with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails or finishing screws for exposed fastening, countersunk and filled flush with woodwork and matching final finish if transparent finish is indicated.

G. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Do not use pieces less than 96 inches (2400 mm) long, except where shorter single-length pieces are necessary. Scarf running joints and stagger in adjacent and related members.

1. Fill gaps, if any, between top of base and wall with plastic wood filler, sand smooth, and finish same as wood base if finished.
2. Install wall railings on indicated metal brackets securely fastened to wall framing.
3. Install standing and running trim with no more variation from a straight line than 1/8 inch in 96 inches (3 mm in 2400 mm).

H. Cabinets: Install without distortion so doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete installation of hardware and accessory items as indicated.

1. Do not exceed the following tolerances:
   a. Variation of Tops of Base Cabinets from Level: 1/16 inch in 10 feet.
   b. Variation of Bottoms of Upper Cabinets from Level: 1/8 inch in 10 feet.
   c. Variation of Faces of Cabinets from True Plane: 1/8 inch in 10 feet.
   d. Variation of Adjacent Surfaces from True Plane (Lippage): 1/32 inch.
   e. Variation in Alignment of Adjacent Door and Drawer Edges: 1/16 inch.

2. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches (400 mm) o.c. with No. 10 wafer-head screws sized for 1-inch (25-mm) penetration into wood framing, blocking, or hanging strips and No. 10 wafer-head sheet metal screws through metal backing or metal framing behind wall finish.

3. Base Cabinets: Fasten cabinets to partition framing, wood blocking, or reinforcements in partitions with fasteners spaced not more than 16 inches o.c. Bolt adjacent cabinets together with joints flush, tight, and uniform.

   a. Where base cabinets are installed away from walls, fasten to floor at toe space at not more than 16 inches o.c. and at sides of cabinets with not less than 2 fasteners per side.

I. Countertops: Anchor securely by screwing through corner blocks of base cabinets or other supports into underside of countertop.

1. Align adjacent solid-surfacing-material countertops and form seams to comply with manufacturer's written recommendations using adhesive in color to match countertop. Carefully dress joints smooth, remove surface scratches, and clean entire surface.
2. Install countertops with no more than 1/8 inch in 96-inch (3 mm in 2400-mm) sag, bow, or other variation from a straight line.
3. Secure backsplashes to tops with concealed metal brackets at 16 inches (400 mm) o.c. and to walls with adhesive.
4. Calk space between backsplash and wall with sealant specified in Division 07 Section "Joint Sealants."

5. Field Jointing: Where possible, make in same manner as shop made joints using dowels, splines, fasteners, adhesives, and sealants recommended by manufacturer. Prepare edges in shop for field made joints.
6. Use concealed clamping devices for field made joints in plastic laminate countertops. Locate clamping devices within 6 inches of front and back edges and at intervals not exceeding 24 inches. Tighten according to manufacturer's written instructions to exert uniform heavy pressure at joints.
7. Fastening: Secure countertops to cabinets with "Z" Type fasteners or equivalent, using two or more fasteners at each cabinet front, end, and back.
8. Provide required holes and cutouts for service fittings.
9. Provide scribe moldings for closures at junctures of countertop, curb, and splash with walls as recommended by manufacturer for materials involved. Match materials and finish to adjacent Institutional Casework. Use chemical resistant, permanently elastic sealing compound where recommended by manufacturer.
10. Carefully dress joints smooth, remove surface scratches, and clean entire surface.

J. Touch up finishing work specified in this Section after installation of woodwork. Fill nail holes with matching filler where exposed.

K. Refer to Division 09 Sections for final finishing of installed architectural woodwork not indicated to be shop finished.

6.03 ADJUSTING AND CLEANING

A. Adjust cabinets and hardware so doors and drawers align and operate smoothly without warp or bind and contact points meet accurately.

B. Repair damaged and defective woodwork, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.

C. Protect countertop surfaces during construction with 6 mil plastic or other suitable water-resistant covering. Tape to underside of countertop at minimum of 48 inches o.c.

D. Clean, lubricate, and adjust hardware.

E. Clean woodwork on exposed and semi exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

END OF SECTION

SECTION 085113 - ALUMINUM INTERIOR SLIDING SERVICE WINDOW

1.01 SUMMARY

A. This section includes:
   1. Aluminum, medium-duty interior sliding service windows as indicated in drawings and in sections.

1.02 SUBMITTALS

A. Product Data: Submit Manufacturer's technical product data substantiating that products comply.
B. Shop drawings: Submit for fabrication and installation of windows. Include details, elevations and installation requirement of finish hardware and cleaning.
C. Certification: Provide printed data in sufficient detail to indicate compliance with the contract documents.

1.03 DELIVERY, STORAGE, AND HANDLING

A. Deliver windows crated to provide protection during transit and job storage
B. Inspect windows upon delivery for damage. Unless minor defects can be made to meet the Architect's specifications and satisfaction, damaged parts should be removed and replaced.
C. Store windows at building site under cover in dry location.

1.04 PROJECT CONDITIONS

A. Field measurements: Check opening by accurate field measurement before fabrication. Show recorded measurements on shop drawings. Coordinate fabrication schedule with construction progress to avoid delay of work.

1.05 WARRANTY

All material and workmanship shall be warranted against defects for a period of one (1) year from the original date of purchase.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURER'S

A. Basis of design: Design is based on aluminum, interior sliding service window manufactured by **C.R. Laurence Co., Inc. (800) 421-6144**

2.02 MATERIALS

A. Frames: Aluminum frame modules shall be constructed of 6063-T5 extruded aluminum. Window rolls on top-hung ball bearing rollers. Catch locks included with all interior windows. Overall frame sizes are to be in accordance with the contract drawings.

B. Finish: All aluminum to be clear anodized.
C. Glazing: The glazing vinyl supplied is 3/16" in thickness for Glazing to be ¼" thick tempered glass) Glass not included, to be supplied by others.
D. Keyed lock, full bottom track, D6
E. Models: **Daisy -See sizes as shown in drawings,** 2 = sliding panel, O fixed panel, as viewed from clerks side.

PART 3 – EXECUTION

3.01 INSTALLATION

A. Install window in accordance with manufacturer's printed instructions and recommendations. Repair damaged units as directed (if approved by the manufacturer and the architect) or replace with new units.

3.02 CLEANING

A. Clean frame and glazing surfaces after installation, complying with requirements contained in the manufacturer's instructions. Remove excess glazing sealant compounds, dirt or other substances.

3.03 PROTECTION

A. Institute protective measures required throughout the remainder of the construction period to ensure that all the windows do not incur any damage or deterioration, other than normal weathering, at the time of acceptance.

END OF SECTION

SECTION 087113 - POWER DOOR OPERATORS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Low-energy door operators for swinging doors.

1.2 DEFINITIONS

A. AAADM: American Association of Automatic Door Manufacturers.

B. Activation Device: A control that, when actuated, sends an electrical signal to the door operator to open the door.

C. Double-Egress (Doors): A pair of doors that simultaneously swing, with the two doors moving in opposite directions with no mullion between them.

D. Safety Device: A control that, to avoid injury, prevents a door from opening or closing.

E. For automatic door terminology, see BHMA A156.19 for definitions of terms.

1.3 COORDINATION

A. Templates: Distribute for doors, frames, and other work specified to be factory prepared and reinforced for installing power door operators.

B. Coordinate hardware for doors with operators to ensure proper size, thickness, hand, function, and finish.

C. Electrical System Roughing-in: Coordinate layout and installation of power door operators with connections to the following:

1. Power supplies.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for power door operators.
2. Include rated capacities, operating characteristics, electrical characteristics, and furnished specialties and accessories.

B. Shop Drawings: For power door operators.

1. Include plans, elevations, sections, hardware mounting heights, and attachment details.
2. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
3. Indicate locations of activation and safety devices.
4. Include diagrams for power, signal, and control wiring.

C. Samples: For each exposed product and for each color and texture specified, manufacturer's standard size.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer.

B. Product Certificates: For each type of power door operator. For each operator for fire-rated door assemblies, certify that operator is listed and labeled by a qualified testing agency acceptable to authorities having jurisdiction for use on types and sizes of labeled fire doors required.

C. Field quality-control reports.

D. Sample Warranties: For manufacturer's special warranties.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data: For power door operators, safety devices, and control systems, to include in maintenance manuals.

1.7 QUALITY ASSURANCE

A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer for installation and maintenance of units required for this Project.

1.8 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of power door operators that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Faulty or sporadic operation of power door operator, including controls.
b. Deterioration of metals, metal finishes, and other materials beyond normal weathering or use.

2. Warranty Period: Two years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Basis of Design: Norton Rixson 6000 series low energy automatic door operator, or approved equal.

B. Source Limitations: Obtain power door operators, including activation and safety devices, from single source from single manufacturer.

2.2 POWER DOOR OPERATORS, GENERAL

A. General: Provide operators of size recommended by manufacturer for door size, weight, and movement; for condition of exposure; and for long-term, maintenance-free operation under normal traffic load for occupancy type indicated; and in accordance with UL 325. Coordinate operator mechanisms with door operation, hinges, and activation and safety devices.

1. Fire-Rated Doors: Provide door operators for fire-rated door assemblies that comply with NFPA 80 for fire-rated door components and are listed and labeled by a qualified testing agency.

B. Electromechanical Operating System: Self-contained unit powered by permanent-magnet dc motor; with closing speed controlled mechanically by gear train and dynamically by braking action of electric motor, connections for power and activation- and safety-device wiring, and manual operation, including spring closing when power is off.

C. Hinges: See Section 087100 "Door Hardware" for hinge type for each door that door operator shall accommodate.

D. Cover for Surface-Mounted Operators: Fabricated from 0.125-inch- (3.2-mm-) thick, extruded or formed aluminum; manufacturer's standard width with enclosed end caps, provision for maintenance access, and fasteners concealed when door is in closed position.

E. Brackets and Reinforcements: Fabricated from aluminum with nonstaining, nonferrous shims for aligning system components.

F. Fire-Door Package: Consisting of UL-listed latch mechanism, power-reset box, and caution signage for fire-rated doors. Latch mechanism shall allow door to swing free during automatic operation; when fire is detected, latch actuator shall cause exit hardware to latch when door closes. Provide latch actuators with fail-secure design.

G. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

2.3 LOW-ENERGY DOOR OPERATORS FOR SWINGING DOORS

A. Standard: BHMA A156.19.

B. Performance Requirements:

1. Opening Force if Power Fails: Not more than 15 lbf (67 N) required to release latch if provided, not more than 30 lbf (133 N) required to manually set door in motion, and not more than 15 lbf (67 N) required to fully open door.
2. Entrapment-Prevention Force: Not more than 15 lbf (67 N) required to prevent stopped door from closing or opening.

C. Configuration, Single: Operator to control single swinging door.

1. Traffic Pattern: Two way.
2. Operator Mounting: Surface.

D. Configuration, Pair: Operator to control pair of swinging doors.

1. Traffic Pattern: Two way.
2. Operator Mounting: Surface.

E. Operation: Power opening and spring closing. Provide time delay for door to remain open before initiating closing cycle as required by BHMA A156.19. When not in automatic mode, door operator shall function as manual door closer, with or without electrical power.

F. Operating System: Electromechanical.

G. Microprocessor Control Unit: Solid-state controller.

H. Features:

1. Adjustable opening and closing speed.
2. Adjustable opening and closing force.
3. Adjustable backcheck.
4. Adjustable hold-open time from zero to 30 seconds.
5. Adjustable time delay.
6. Adjustable acceleration.
7. Obstruction recycle.
8. On-off/hold-open switch to control electric power to operator; key operated.

I. Activation Device: Push-plate switch on each side of door to activate door operator.

J. Exposed Finish: Class I, clear anodic finish.

2.4 MATERIALS

A. Aluminum: Alloy and temper recommended by manufacturer for type of use and finish indicated.

1. Extrusions: ASTM B221 (ASTM B221M).
2. Sheet: ASTM B209 (ASTM B209M).

B. Fasteners and Accessories: Corrosion-resistant, nonstaining, nonbleeding fasteners and accessories compatible with adjacent materials.

2.5 CONTROLS

A. General: Provide controls, including activation and safety devices, in accordance with BHMA standards; for condition of exposure; and for long-term, maintenance-free operation under normal traffic load for occupancy type indicated. Coordinate activation and safety devices with door operation and door operator mechanisms.

B. Presence Sensors: Self-contained, active-infrared scanner units; adjustable to provide detection field sizes and functions required by BHMA A156.10. Sensors shall remain active at all times.

C. Push-Plate Switch: Momentary-contact door control switch with flat push-plate actuator with contrasting-colored, engraved message.

1. Configuration:

a. Square push plate with 4-by-4-inch (100-by-100-mm) junction box.

1) Mounting: Recess mounted, semiflush in wall.

2. Push-Plate Material: Stainless steel as selected by Architect from manufacturer's full range.
3. Message: "Push to Open."

2.6 ACCESSORIES

A. Signage: As required by cited BHMA standard for type of door and its operation.

1. Application Process: Operator manufacturer's standard process.
2. Provide sign materials with instructions for field application when operators are installed.

2.7 FABRICATION

A. Factory fabricate power door operators to comply with indicated standards.

B. Form aluminum shapes before finishing.

C. Use concealed fasteners to greatest extent possible. Where exposed fasteners are required, use countersunk Phillips flat-head machine screws, finished to match operator.

2.8 GENERAL FINISH REQUIREMENTS

A. Protect mechanical finishes on exposed surfaces from damage by applying strippable, temporary, protective covering before shipping.

B. Apply anodic finishes to formed metal after fabrication unless otherwise indicated.

C. Appearance of Finished Work: Noticeable variations in same piece are unacceptable. Variations in appearance of adjoining components are acceptable if they are within range of approved Samples and are assembled or installed to minimize contrast.

2.9 ALUMINUM FINISHES

A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine conditions, with Installer present, for compliance with requirements for installation tolerances, door and frame preparation and reinforcements, and other conditions affecting performance of power door operators.

B. Examine roughing-in for electrical systems to verify actual locations of power connections before power door operator installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION, GENERAL

A. Install power door operators in accordance with manufacturer's written instructions and cited BHMA standard for type of door operation and direction of pedestrian travel, including signage, controls, wiring, remote power units if any, and connection to building's power supply.

1. Do not install damaged components. Fit joints to produce hairline joints free of burrs and distortion.
2. Install operators true in alignment with established lines and door geometry without warp or rack. Anchor securely in place.

B. Controls: Install activation and safety devices in accordance with manufacturer's written instructions and cited BHMA standard for operator type and direction of pedestrian travel. Connect control wiring in accordance with Section 260519 "Low-Voltage Electrical Power Conductors and Cables."

C. Signage: Apply on both sides of each door as required by cited BHMA standard for type of door operator and direction of pedestrian travel.

3.3 FIELD QUALITY CONTROL

A. Perform the following tests and inspections with the assistance of a factory-authorized service representative:

1. Test and inspect each power door operator installation, using AAADM inspection forms, to determine compliance of installed systems with applicable BHMA standards.

B. Power door operators will be considered defective if they do not pass tests and inspections.

C. Prepare test and inspection reports.

3.4 ADJUSTING

A. Adjust power door operators to function smoothly, and lubricate as recommended by manufacturer; comply with requirements of applicable BHMA standards.

B. After completing installation of power door operators, inspect exposed finishes on doors and operators. Repair damaged finish to match original finish.

C. Readjust power door operators and controls after repeated operation of completed installation equivalent to three days' use by normal traffic (100 to 300 cycles).

D. Occupancy Adjustment: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose.

3.5 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain power door operators.

END OF SECTION 087113

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PART 1 GENERAL

1.01 SECTION INCLUDES

A. Carpet tile

1.02 RELATED REQUIREMENTS

A. Section 090561 - Common Work Results for Flooring Preparation: Removal of existing floor coverings, cleaning, and preparation.

1.03 REFERENCE STANDARDS

A. ASTM D2859 - Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials; 2016 (Reapproved 2021).

B. CRI 104 - Standard for Installation of Commercial Carpet; 2018.

1.04 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.

C. Samples: Submit two carpet tiles illustrating color and pattern design for each carpet color selected.

D. Concrete Subfloor Test Report: Submit a copy of the moisture and alkalinity (pH) test reports.

E. Manufacturer's Qualification Statement.

F. Installer's Qualification Statement.

G. Operation and Maintenance Data: Include maintenance procedures, recommended maintenance materials, and suggested schedule for cleaning.

1.05 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing specified carpet tile with minimum three years documented experience.

B. Installer Qualifications: Company specializing in installing carpet tile with minimum three years documented experience and approved by carpet tile manufacturer.

1.06 FIELD CONDITIONS

A. Store materials in area of installation for minimum period of 24 hours prior to installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Tile Carpeting:

1. Milliken & Company; OBEX Tile - CutX: www.milliken.com/#sle.
2. Substitutions: See Section 016000 - Product Requirements.

2.02 MATERIALS

A. Tile Carpeting, Type CPT1: Tufted, manufactured in one color dye lot.

1. Product: BASIS OF DESIGN OBEX manufactured by MILLIKEN.
2. Tile Size: 19.685 by 19.685 inch (500 by 500 mm), nominal.
3. Thickness: 3/16 inch (4.72 mm).
4. Color: AS INDICATED ON COLOR AND FINISH LEGEND.
5. Pattern: AS INDICATED ON COLOR AND FINISH SCHEDULE.
6. Surface Flammability Ignition: Pass ASTM D2859 (the "pill test").
7. Maximum Electrostatic Charge: 3 Kv. at 20 percent relative humidity.
8. Gauge: 5/32 inch (3.96875 mm).
9. Stitches: 9.5 per inch (241.3 per cm).
10. Light Fastness: 4.0 AT 80HRS.
11. Primary Backing Material: PVC-Free WellBAC® Comfort Plus Cushion.
12. Total Weight: 125.0 oz/sq yd (4,238 g/sq m).

2.03 ACCESSORIES

A. Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.

B. Edge Strips: Embossed aluminum, _____ color.

C. Adhesives:

1. Compatible with materials being adhered; maximum VOC content of 50 g/L; CRI (GLP) certified; _____.

D. Carpet Tile Adhesive: Recommended by carpet tile manufacturer.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.

B. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to subfloor surfaces.

C. Cementitious Subfloor Surfaces: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).

1. Test in accordance with Section 090561.
2. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer.

3.02 PREPARATION

A. Prepare floor substrates for installation of flooring in accordance with Section 090561.

3.03 INSTALLATION

A. Starting installation constitutes acceptance of subfloor conditions.

B. Install carpet tile in accordance with manufacturer's instructions.

C. Blend carpet from different cartons to ensure minimal variation in color match.

D. Cut carpet tile clean. Fit carpet tight to intersection with vertical surfaces without gaps.

E. Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines.

F. Trim carpet tile neatly at walls and around interruptions.

G. Complete installation of edge strips, concealing exposed edges.

3.04 CLEANING

A. See Section 017000 - Execution and Closeout Requirements for additional requirements.

B. Remove excess adhesive without damage, from floor, base, and wall surfaces.

C. Clean and vacuum carpet surfaces.

END OF SECTION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Glass markerboards.

1.02 RELATED REQUIREMENTS

A. Section 061000 - Rough Carpentry: Blocking and supports.

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements, for submittal procedures.

B. Product Data: Provide manufacturer's data on chalkboard, porcelain enamel steel markerboard, glass markerboard, tackboard, tackboard surface covering, trim, and accessories.

C. Shop Drawings: Indicate wall elevations, dimensions, joint locations , special anchor details.

D. Samples: Color charts for selection of color and texture of glass markerboard.

E. Manufacturer's printed installation instructions.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

1.05 WARRANTY

A. See Section 017800 - Closeout Submittals, for additional warranty requirements.

B. Provide five year warranty for markerboard to include warranty against discoloration due to cleaning, crazing or cracking, and staining.

PART 2 PRODUCTS

2.01 VISUAL DISPLAY UNITS

A. Magnetic Glass Markerboards:

1. Manufacturers:
   a. Claridge Products; Glass Markerboards: www.claridgeproducts.com/#sle.
   b. BASIS OF DESIGN Clarus; Glass markerboards: www.clarus.com.
   c. Egan; Glass markerboards: www.egan.com.
2. Glass: Tempered, low iron, 1/4 inch thick (6 mm thick), with bevel edges and radiused corners, laminated to steel backing sheet for use with magnets. Coated or treated for use as dry erase board.
3. Glass Finish: White back-coating.
4. Steel Backing Sheet Thickness: 24 gauge, 0.0239 inch (0.61 mm).
5. Size: As indicated on drawings.
6. Frame: Same as for porcelain enamel steel markerboards.
7. Frame Finish: Anodized, satin.
8. Mounting: Concealed Z clips.

9. Accessories: Provide magnetic marker tray and magnetic marker holder.
10. Products:
    a. Egan Visual Corporation; Egan Visual GlassBoards: www.egan.com/#sle.
    b. Basis of Design, Clarus Float: www.clarus.com.
    c. Claridge, www.claridge.com.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that field measurements are as indicated.

B. Verify that internal wall blocking is ready to receive work and positioning dimensions are as indicated on shop drawings.

3.02 PREPARATION

A. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 INSTALLATION

A. Install boards in accordance with manufacturer's instructions.

B. Secure units level and plumb.

3.04 CLEANING

A. Clean board surfaces in accordance with manufacturer's instructions.

B. Cover with protective cover, taped to frame.

C. Remove temporary protective cover at Date of Substantial Completion.

END OF SECTION

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Panel signage.

1.02 REFERENCE STANDARDS

A. ADA Standards - 2010 ADA Standards for Accessible Design; 2010.

B. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

1.03 SUBMITTALS

A. See Section 013000 - Administrative Requirements for submittal procedures.

B. Product Data: Manufacturer's product literature for each type of panel sign, indicating styles, font, foreground and background colors, locations, and overall dimensions of each sign.

C. Shop Drawings:

1. Include dimensions, locations, elevations, materials, text and graphic layout, attachment details, and schedules.
2. Schedule: Provide information sufficient to completely define each panel sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
   a. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
   b. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
   c. Submit for approval by Owner through Architect prior to fabrication.

D. Samples: Submit two samples of each type of sign, of size similar to that required for project, indicating sign style, font, and method of attachment.

E. Manufacturer's qualification statement.

F. Maintenance Materials: Furnish the following for Owner's use in maintenance of project.

1.04 QUALITY ASSURANCE

A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Package signs as required to prevent damage before installation.

B. Package room and door signs in sequential order of installation, labeled by floor or building.

C. Store under cover and elevated above grade.

D. Store tape adhesive at normal room temperature.

1.06 FIELD CONDITIONS

A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.

B. Maintain minimum ambient temperature during and after installation.

PART 2 PRODUCTS

2.01 MANUFACTURERS

A. Panel Signage:

1. Best Sign Systems, Inc; ____: www.bestsigns.com/#sle.
2. Inpro Corporation; _____: www.inprocorp.com/#sle.
3. Takeform; BASIS OF DESIGN: www.takeform.net/#sle.

2.02 REGULATORY REQUIREMENTS

A. Accessibility Requirements: Comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most restrictive requirements.

2.03 PANEL SIGNAGE

A. Panel Signage Type 1A- 5A:

1. Application: Room and door signs.
2. Description: Flat signs with engraved panel media, tactile characters.
3. Sign Size: As indicated on drawings.
4. Total Thickness: 1/8 inch (3 mm).
5. Corners: Radiused 1/2".
6. Color and Font, unless otherwise indicated:
   a. Character Font: Standard Bold Condensed, upper case. or other sans serif or simple serif typeface..
   b. Character Case: Upper case only.
   c. Background Color: As scheduled.
   d. Character Color: Contrasting color.
7. Material: Laminated colored plastic engraved through face to expose core as background color.
8. Material: One-piece injection molded acrylic plastic with raised letters and braille.
9. Profile: Flat panel without frame.
10. Tactile Letters: Raised 1/32 inch minimum.
11. Braille: Grade II, ADA-compliant.

2.04 PANEL SIGNAGE

A. Panel Signage Type 6A:

1. Application: DENTAL STATION signs.
2. Description: Flat signs OPAQUE GLASS PANEL media, nontactile characters.
3. Sign Size: As indicated on drawings.
4. Total Thickness: 1" inch (25.4 mm).

5. Corners: squared
6. Color and Font, unless otherwise indicated:
   a. Character Font: Standard Bold Condensed, upper case. or other sans serif or simple serif typeface..
7. Character Case: Upper case only.
8. Material: Opaque Glass
9. Material: graphics silk screened onto reverse side of panel.

B. Profile: Flat panel in aluminum frame channel at base and one side.

C. Frame Finish: Natural (clear) anodized.

2.05 ACCESSORIES

A. Concealed Screws: Noncorroding metal; stainless steel, galvanized steel, chrome plated, or other.

B. Tape Adhesive: Double-sided tape, permanent adhesive.

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify that substrate surfaces are ready to receive work.

B. Notify Architect if conditions are not suitable for installation of signs; do not proceed until conditions are satisfactory.

3.02 INSTALLATION

A. Install in accordance with manufacturer's instructions.

B. Install with horizontal edges level.

C. Locate panel signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.

D. Protect from damage until mm-dd-yyyy; repair or replace damaged items.

END OF SECTION

SECTION 10 2800 - TOILET ACCESSORIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. This Section includes the following:
   1. Public-use washroom and shower room accessories.

B. Related Sections include the following:
   1. Division 06 Section “Miscellaneous Rough Carpentry” for wood blocking.
   2. Division 08 Section "Mirrors" for frameless mirrors.

1.3 SUBMITTALS

A. Product Data: For each type of product indicated. Include the following:
   1. Construction details and dimensions.
   2. Anchoring and mounting requirements, including requirements for cutouts in other work and substrate preparation.
   3. Material and finish descriptions.
   4. Features that will be included for Project.
   5. Manufacturer's warranty.

B. Product Schedule: Indicating types, quantities, sizes, and installation locations by room of each accessory required.
   1. Identify locations using room designations indicated on Drawings.
   2. Identify products using designations indicated on Drawings.

C. Maintenance Data: For toilet accessories to include in maintenance manuals.

1.4 COORDINATION

A. Coordinate accessory locations with other work to prevent interference with clearances required for access by people with disabilities, and for proper installation, adjustment, operation, cleaning, and servicing of accessories.

B. Deliver inserts and anchoring devices set into concrete or masonry as required to prevent delaying the Work.

1.5 WARRANTY

A. Special Mirror Warranty: Manufacturer's standard form in which manufacturer agrees to replace mirrors that develop visible silver spoilage defects and that fail in materials or workmanship within specified warranty period.
   1. Warranty Period: Ten years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Stainless Steel: ASTM A 666, Type 304, 0.0312-inch minimum nominal thickness, unless otherwise indicated.

B. Brass: ASTM B 19 flat products; ASTM B 16 (ASTM B 16M), rods, shapes, forgings, and flat products with finished edges; or ASTM B 30, castings.

C. Steel Sheet: ASTM A 1008/A 1008M, Designation CS (cold rolled, commercial steel), 0.0359-inch minimum nominal thickness.

D. Galvanized Steel Sheet: ASTM A 653/A 653M, with G60 (Z180) hot-dip zinc coating.

E. Galvanized Steel Mounting Devices: ASTM A 153/A 153M, hot-dip galvanized after fabrication.

F. Fasteners: Screws, bolts, and other devices of same material as accessory unit and tamper-and-theft resistant where exposed, and of galvanized steel where concealed.

G. Chrome Plating: ASTM B 456, Service Condition Number SC 2 (moderate service).

H. Mirrors: ASTM C 1503, Mirror Glazing Quality, clear-glass mirrors, nominal 6.0 mm thick.

2.2 PUBLIC-USE WASHROOM ACCESSORIES

A. Basis-of-Design Products: The design for accessories is based on products manufactured by Bobrick Washroom Equipment, Inc. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
   1. American Specialties, Inc.
   2. Bradley Corporation.

B. Mirror Units **(B-165 Series)**:
   1. Basis-of-Design Product: Bobrick Washroom Equipment, Inc.
   2. Frame: Stainless-steel angle, 0.05 inch thick.
      a. Corners: Welded and ground smooth.
   3. Hangers: Produce rigid, tamper- and theft-resistant installation, using method indicated below.
      a. One-piece, galvanized steel, wall-hanger device with spring-action locking mechanism to hold mirror unit in position with no exposed screws or bolts.

4. Height: 36”
5. Width: 24”

C. Grab Bars:
1. Mounting: Flanges with concealed fasteners, snap flange covers.
2. Material: Stainless steel, 0.05 inch thick.
   a. Finish: Smooth, No. 4, satin finish on ends and slip-resistant texture in grip area.
3. Outside Diameter: 1½ inches
4. Basis-of-Design Bobrick Washroom Equipment, Inc, Configuration and Length:
   a. Straight, 42 inches long: Model #**B-6806.99x42**. mounted at side wall.
   b. Straight, 18 inches long: Model #**B-6806.99x18**. mounted vertically at side wall.
   c. Straight, 13 inches long: Model #**B-6806.99x36**. mounted vertically at side wall.

D. Sanitary Napkin Disposal

1. Basis-of-Design Product: Bobrick Washroom Equipment, Inc.
2. Surface-Mounted Sanitary Napkin Disposal, B-5270

   a. Dimensions: 9-1/4” W x 11-3/8” H x 3-7/8” D
   b. Material: High-impact ABS plastic with high gloss finish on exposed surfaces.

2.3 INSTALLATION

A. Install accessories according to manufacturers' written instructions, using fasteners appropriate to substrate indicated and recommended by unit manufacturer. Install units level, plumb, and firmly anchored in locations and at heights indicated.

B. Grab Bars: Install to withstand a downward load of at least 250 lbf when tested according to method in ASTM F 446.

2.4 ADJUSTING AND CLEANING

A. Adjust accessories for unencumbered, smooth operation. Replace damaged or defective items.

B. Remove temporary labels and protective coatings.

C. Clean and polish exposed surfaces according to manufacturer's written recommendations.

END OF SECTION 10 2800

SECTION 26 5119 - LED INTERIOR LIGHTING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Section includes the following types of LED luminaires:

1. Downlight.
2. Recessed, linear.
3. Strip light.
4. Suspended, nonlinear.

1.3 DEFINITIONS

A. CCT: Correlated color temperature.

B. CRI: Color Rendering Index.

C. Fixture: See "Luminaire."

D. IP: International Protection or Ingress Protection Rating.

E. LED: Light-emitting diode.

F. Lumen: Measured output of lamp and luminaire, or both.

G. Luminaire: Complete lighting unit, including lamp, reflector, and housing.

1.4 ACTION SUBMITTALS

A. Product Data: For each type of product.

1. Arrange in order of luminaire designation.
2. Include data on features, accessories, and finishes.
3. Include physical description and dimensions of luminaires.
4. Include emergency lighting units, including batteries and chargers.
5. Include life, output (lumens, CCT, and CRI), and energy-efficiency data.

6. Photometric data and adjustment factors based on laboratory tests IES LM-79 and IES LM-80.

    a. Manufacturers' Certified Data: Photometric data certified by manufacturer's laboratory with a current accreditation under the National Voluntary Laboratory Accreditation Program for Energy Efficient Lighting Products.
    b. Testing Agency Certified Data: For indicated luminaires, photometric data certified by a qualified independent testing agency. Photometric data for remaining luminaires shall be certified by manufacturer.

B. Shop Drawings: For nonstandard or custom luminaires.

1. Include plans, elevations, sections, and mounting and attachment details.
2. Include details of luminaire assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
3. Include diagrams for power, signal, and control wiring.
4. Submit color chip sample for custom colors.

C. Samples for Verification: For each type of luminaire.

1. Include Samples of accessories to verify finish selection.

D. Product Schedule: For luminaires and lamps. Use same designations indicated on Drawings.

1.5 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data: For luminaires and lighting systems to include in operation and maintenance manuals.

1. Provide a list of all lamp types used on Project; use ANSI and manufacturers' codes.

1.6 QUALITY ASSURANCE

A. Luminaire Photometric Data Testing Laboratory Qualifications: Luminaire manufacturer's laboratory that is accredited under the NVLAP for Energy Efficient Lighting Products.

B. Provide luminaires from a single manufacturer for each luminaire type.

C. Each luminaire type shall be binned within a three-step MacAdam Ellipse to ensure color consistency among luminaires.

1.7 DELIVERY, STORAGE, AND HANDLING

A. Protect finishes of exposed surfaces by applying a strippable, temporary protective covering before shipping.

1.8 WARRANTY

A. Warranty: Manufacturer and Installer agree to repair or replace components of luminaires that fail in materials or workmanship within specified warranty period.

B. Warranty Period: Five year(s) from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. Products: Subject to compliance with requirements, available products that may be incorporated into the Work include, but are not limited to, product(s) indicated on Drawings. Products indicated on the Drawings are intended to set a Basis of Design and set a standard of quality. Other materials that meet or exceed the features of the materials may be submitted for use.

B. Ambient Temperature: 41 to 104 deg F (5 to 40 deg C).

1. Relative Humidity: Zero to 95 percent.

C. Altitude: Sea level to 1000 feet (300 m).

2.2 LUMINAIRE REQUIREMENTS

A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

B. Factory-Applied Labels: Comply with UL 1598. Include recommended replacement items. Locate labels where they will be readily visible to service personnel, but not seen from normal viewing angles.

C. Recessed luminaires shall comply with NEMA LE 4.

D. FM Global Compliance: Luminaires for hazardous locations shall be listed and labeled for indicated class and division of hazard by FM Global.

E. All fixtures or retrofit kits shall be either Energy-Star or DLC certified assemblies.

2.3 MATERIALS

A. Metal Parts:

1. Free of burrs and sharp corners and edges.
2. Sheet metal components shall be steel unless otherwise indicated.
3. Form and support to prevent warping and sagging.

B. Steel:

1. ASTM A 36/A 36M for carbon structural steel.
2. ASTM A 568/A 568M for sheet steel.

C. Stainless Steel:

1. 1. Manufacturer's standard grade.
2. 2. Manufacturer's standard type, ASTM A 240/240 M.

D. Galvanized Steel: ASTM A 653/A 653M.

E. Aluminum: ASTM B 209.

2.4 METAL FINISHES

A. Variations in finishes are unacceptable in the same piece. Variations in finishes of adjoining components are acceptable if they are within the range of approved Samples and if they can be and are assembled or installed to minimize contrast.

2.5 LUMINAIRE SUPPORT

A. Comply with requirements in Section 260529 "Hangers and Supports for Electrical Systems" for channel and angle iron supports and nonmetallic channel and angle supports.

B. Single-Stem Hangers: 1/2-inch (13-mm) steel tubing with swivel ball fittings and ceiling canopy. Finish same as luminaire.

C. Wires: ASTM A 641/A 641 M, Class 3, soft temper, zinc-coated steel, 12 gage (2.68 mm).

D. Rod Hangers: 3/16-inch (5-mm) minimum diameter, cadmium-plated, threaded steel rod.

E. Hook Hangers: Integrated assembly matched to luminaire, line voltage, and equipment with threaded attachment, cord, and locking-type plug.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

B. Examine roughing-in for luminaire to verify actual locations of luminaire and electrical connections before luminaire installation.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 TEMPORARY LIGHTING

A. If approved by the Architect, use selected permanent luminaires for temporary lighting. When construction is sufficiently complete, clean luminaires used for temporary lighting and install new lamps.

3.3 INSTALLATION

A. Comply with NECA 1.

B. Install luminaires level, plumb, and square with ceilings and walls unless otherwise indicated.

C. Install lamps in each luminaire.

D. Supports:

1. Sized and rated for luminaire weight.
2. Able to maintain luminaire position after cleaning and relamping.
3. Provide support for luminaire without causing deflection of ceiling or wall.
4. Luminaire-mounting devices shall be capable of supporting a horizontal force of 100 percent of luminaire weight and a vertical force of 400 percent of luminaire weight.

E. Flush-Mounted Luminaires:

1. Secured to outlet box.
2. Attached to ceiling structural members at four points equally spaced around circumference of luminaire.
3. Trim ring flush with finished surface.

F. Wall-Mounted Luminaires:

1. Attached to structural members in walls.
2. Do not attach luminaires directly to gypsum board.

G. Suspended Luminaires:

1. Ceiling Mount:
   a. Pendant mount with aircraft cable supports recommended by the manufacturer.

2. Do not use ceiling grid as support for pendant luminaires. Connect support wires or rods to building structure.

H. Ceiling-Grid-Mounted Luminaires:

1. Secure luminaire to the luminaire opening using approved fasteners in a minimum of four locations, spaced near corners of luminaire. Support independently from ceiling grid supprts.

I. Comply with requirements in Section 260519 "Low-Voltage Electrical Power Conductors and Cables" for wiring connections.

3.4 IDENTIFICATION

A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Section 260553 "Identification for Electrical Systems."

3.5 FIELD QUALITY CONTROL

A. Perform the following tests and inspections:

1. Operational Test: After installing luminaires, switches, and accessories, and after electrical circuitry has been energized, test units to confirm proper operation.
2. Test for Emergency Lighting: Interrupt power supply to demonstrate proper operation. Verify transfer from normal power to battery power and retransfer to normal.

B. Luminaire will be considered defective if it does not pass operation tests and inspections.

C. Prepare test and inspection reports.

END OF SECTION 26 5119