Oakton College District 535

Procurement Department, Room 1240
1600 E. Golf Rd., Des Plaines, IL 60016
847-635-1635

Invitation to Bid # 0925-24-03 -Addendum #1
Issue Date: September 25, 2024

Mandatory Pre-Bid Date: Wednesday, October 2, 2024

Bids will be received in the Procurement Office at the above address until 10:00 AM CST on Wednesday, October 16, 2024
Bids will be publicly opened at this time. Late bids will not be accepted.

Oakton College Des Plaines Adjacencies Renovations - Phase 1

The project includes interior build-out and renovations of an existing classroom and office areas to accommodate new ADRC office, Testing Center and Tech Hub. Scope of work includes demolition, interior construction, mechanical, electrical, and fire protection systems.

This bid consists of 3 documents:

1) Business Specifications (this document)
2) 20240923_ Oakton Adj Reno P1_ISSUED FOR BID_DWGS
3) 20240923_Oakton Adj Reno P1_ISSUED FOR BID_PM

A mandatory pre-bid meeting will be held on Wednesday, October 2nd, 2024, starting at 10:00 a.m. at the College's Des Plaines campus, 1600 Golf Rd, Des Plaines, IL 60016, Room 1275.
Only contractors who attend the pre-bid meeting will be allowed to submit a bid.

Any questions regarding this bid must be submitted in writing via email by 11:00 am on Tuesday, October 3, 2024.All questions will be answered through an addendum and must be submitted to the following individuals:

Joe Scifo, Director of Facilities, jscifo@oakton.edu
Rich Schwass, Construction Manager at rschwass@oakton.edu
Jamie Boller, Owner's Representative at j.boller@cotterconsulting.com
Jessica Wagner, Project Architect at Jessica.Wagner@perkinswill.com
Trinh Than, Purchasing Manager at tthan@oakton.edu

Oakton College District 535 is exempt from all Federal, State, and Municipal Taxes.

I have examined the specifications and instructions included herein and agree, provided I am awarded a contract within 60 days of the bid due date, to provide the specified items for the sum shown in accordance with the terms stated herein. All deviations from the specifications and terms are in writing and attached hereto. I offer the following discount terms _____

Company Name: _____ Date: _____

Address: _____ City/St/Zip: _____

Name: _____ Title: _____

Phone #: _____ Fax #: _____

Signature: _____ E-mail:_____

This addendum is being issued to address the following:

1.) Provide the list of the vendors who attended the mandatory pre-bid meeting.

1. CCC HOLDING
2. STUCKEY CONSTRUCTION
3. LO DESTRO CONSTRUCTION
4. COMPLETE CARE CLEANING CORP
5. ALL CONSTRUCTION GROUP
6. LOBERG CONSTRUCTION
7. SUPERB CARPETS
8. DRIVE CONSTRUCTION
9. BEE LINER LEAN SERVICES
10. CRAFT MECHANICAL
11. CMM GROUP
12. MANUSOS GENERAL CONTRACTING
13. REED CONSTRUCTION
14. MIDWAY CONTRACTING GROUP
15. INTEGRATED DEMOLITION
16. HENRY BROS CO
17. BEAR CONSTRUCTION
18. TERRA DEMOLITION
19. FIFTY FIVE PAINTERS
20. ROMAAS INC
21. BOLLER CONSTRUCTION
22. CT MECHANICAL

2.) Provide the updated drawing and Project Manual, including responses to the questions submitted by vendors.

PROJECT MANUAL

Oakton College Adjacencies
Renovations - Phase 1

for

Oakton College

Des Plaines Campus
1600 East Golf Road
Des Plaines, IL 60016

~~Issued for Bid~~
~~September 6, 2024~~
Issued for Addendum 01
October 7, 2024

Perkins&Will

DOCUMENT NO. 00 01 10
TABLE OF CONTENTS

The complete Project Manual for this project consists of this entire bound volume which is not to be separated for any reason. The Architect and Owner will not be responsible for any assumptions made by a Contractor or Subcontractor who does not receive a complete bound Project Manual containing all sections and documents listed in the Table of Contents.

The following listed documents comprise the Project Manual for the ADJACENCIES RENOVATIONS – PHASE 1. Where numerical sequence of Sections or Divisions is interrupted, such interruptions are intentional.

PROJECT MANUAL

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00 52 13 Standard Form of Agreement Between Owner and Contractor, AIA Document A101, 2017 edition, By Reference
00 61 13 Performance Bond and Payment Bond, AIA Document A312, 2010 Edition, By Reference
00 72 13 General Conditions of the Contract for Construction, AIA Document A201, 2017 Edition, By Reference
00 73 00 Supplementary Conditions
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01 26 00 Contract Modification Procedures
01 29 00 Payment Procedures
01 31 00 Project Management and Coordination
01 32 00 Construction Progress Documentation
01 32 33 Photographic Documentation
01 33 00 Submittal Procedures

01 40 00 Quality Requirements
01 42 00 References
01 50 00 Temporary Facilities and Controls
01 60 00 Product Requirements
01 73 00 Execution Requirements
01 73 29 Cutting and Patching
01 74 19 Construction Waste Management and Disposal
01 77 00 Closeout Procedures
01 78 23 Operation and Maintenance Data
01 78 39 Project Record Documents
01 79 00 Demonstration and Training
01 91 00 Commissioning

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02 41 19 Selective Demolition

DIVISION 03 - CONCRETE

03 33 00 Architectural Cast-In-Place Concrete
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05 50 00 Metal Fabrications

DIVISION 06 - WOOD, PLASTICS & COMPOSITES

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06 61 16 Solid Surface Fabrications

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10 26 10 Wall & Corner Guards
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27 05 05 Technology Demolition for Remodeling
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END OF DOCUMENT

DOCUMENT 00 91 01.1
ADDENDUM NO. 1

Oakton College
Adjacencies Renovations – Phase 1
Chicago, Illinois

FOR

Oakton College
1600 Golf Road,
Des Plaines, Illinois 60016.

1.1 SCOPE

A. This Addendum is issued pursuant to Article 1.1.1 of the AIA General Conditions of the Contract for Construction (A201) in connection with revision of drawings and specifications which have been previously issued.

B. When construction is not under contract, all instructions contained herein shall be reflected in the contract sum and this Addendum will be made a part of the Contract Documents, if, as, and when a Contract is awarded.

C. This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated 23 SEPTEMBER 2024. Receipt of this Addendum must be acknowledged in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

D. This Addendum consists of 3 pages One revised Document, 3 revised Specification Sections and 8 revised Contract Document Drawings.

1.2 CHANGES TO THE PROCUREMENT & CONTRACTING REQUIREMENTS GROUP

A. Revised Document: The attached following listed revised Documents are hereby added to the Project Manual.

1. 00 01 10 Table or Contents

B. New Document: The attached following listed new Documents are hereby added to the Project Manual.

2. 00 91 01.1 Addendum No. 1

1.3 CHANGES TO THE SPECIFICATION GROUP

A. New Specification Sections: The attached following listed new Specification Sections are hereby made a part of the Contract Documents.

1. None

B. Revised Specification Sections: The attached following listed revised Specification Sections are hereby made a part of the Contract Documents. Specification sections of the same number and earlier dates and revisions are hereby void.

1. Section 06 41 00 - Architectural Wood Casework: Woodwork Quality Standard Compliance Certificates requirements removed.

2. Section 08 14 16 - Flush Wood Doors: Woodwork Quality Standard Compliance Certificates requirements removed.

3. Section 12 36 23 - Plastic Laminate Countertops: Woodwork Quality Standard Compliance Certificates requirements removed.

1.4 CHANGES TO DRAWINGS

A. Revised Drawings:

1. General:
   a. G00-00 Cover: Sheet Index Updated

2. Architectural:
   a. Sheet .8 A04-01 Demolition Plans
      1) Added new RCP demolition keynote regarding window treatments
      2) Added new demolition keynotes regarding wall protection
      3) Added new demolition keynote regarding wall demolition
      4) Revised DM4 at Computer Lab entrance
      5) Revised floor demolition keynotes
   b. Sheet .8 A11-01 Floor Plans & Floor Details
      1) Added wall furring at window
   c. Sheet .8 A12-01 Reflected Ceiling Plans
      1) Existing ceiling heights included
   d. Sheet .8 A62-01 Finish Schedule, Door Schedule, Lites, & Details
      1) Door schedule revised

3. Mechanical:
   a. Sheet M10-01 Mechanical Plan – Phase 1
      1) Revised mechanical installation Note 7. Added relocated VAV equipment data and balance point.

4. Electrical:
   a. Sheet E04-01 Electrical Demolition Plans – Phase 1
      1) Revised electrical keyed note 2
   b. Sheet E10-01 Electrical New Work Plan – Phase 1 – Tech Hub
      1) Revised electrical keyed notes 4, 7, & 14

B. New Drawings: No new Drawings are hereby made a part of the Contract Documents:

1.5 BIDDER'S QUESTIONS

A. Bidder's questions and answers from the Architect are attached following this document.

END OF SECTION

Vendor's Question/Request:

1. We're looking at bidding on this project but in the spec's it calls for AWI QCP Certification. While we belong to AWI, we do not participate in the QCP program. We are asking that a RFI be sent to the architect waiving that requirement so we can bid on this.

A: Specification 06 41 00 has been revised to remove this requirement.

2. Please confirm that the relocated box per keynote 7 on M10-01 is the same as the one called out in keynote 4 on M04-01.

A: Keynotes refer to the same VAV box.

3. Can product data or a serial number be provided for the relocated VAV so that electrical and control work can be priced more accurately?

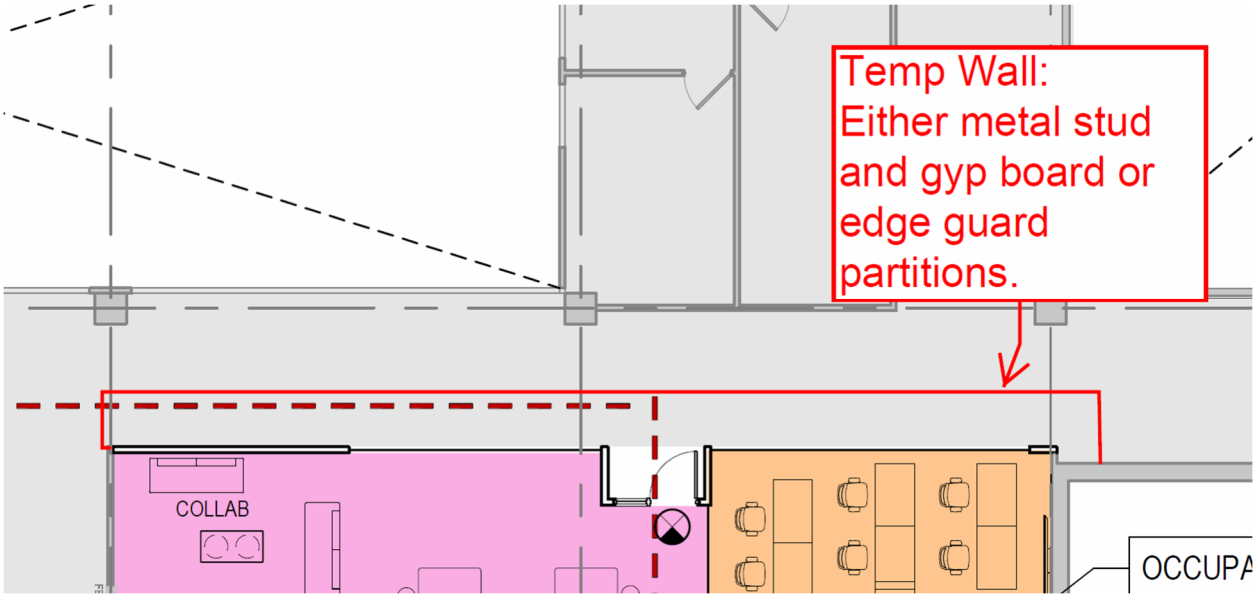
A: Per existing drawings, relocated VAV is 550 CVM, 8" inlet, , Titus DESV, 2 KW reheat, 277V/1PH, with SCR control. Contractor to field verify all data. Contractor to field verify.

4. What nominal thickness should be included for Unit Price #2- Hydraulic Cement based Underlayment? Please clarify.

A: Refer to specification section 03 54 16 – Cement-Based Underlayment

5. Is there a logistics plan or is it at the discretion of the contractor to provide temporary partitions as needed? What is the composition and finish of the temporary partitions? Please clarify.

A: Per Owner, include either edge guard partitions or metal stud and gyp board partitions in area shown below:



6. The Instructions to Bidders calls for a Pricing Page to be filled out, but there is no template. What is required?

A: Contractor to utilize bid form provided from Oakton Procurement.

7. Drawing G01-02 does not provide the fire rating between the 1st floor and 2nd floor. We found fireproofing on some of the 1st floor steel beams and do not know what product and rating is present. Will any patching be required for any items that were attached to those beams that is removed and for any new items that need to attach to the beams? Since this is an unknown provide an allowance for everyone to include.

A: Patching is to be provided in order to maintain existing fire ratings. Additional fire rating information is indicated on sheet 8.G01-01 Code Compliance Data.

8. What ceiling removal and reinstallation is required for removing and installing new corridor partitions on drawing A12-01 in detail 2? What is the existing corridor ceiling height? Please clarify.

A: See revised sheet A12-01 for existing ceiling height.

9. On drawing A11-01 in the existing corridor, what are the flooring, base, & wall finishes? No room finish tag is provided. Please clarify.

A: Existing corridor finishes are to remain.

10. On drawing A04-01 in the existing corridor what carpet removal is required? There are no demo keynotes or tags in the existing corridor. Please clarify.

A: Existing finishes in the corridor are to remain. Patch to match existing, if necessary.

11. Can the AWI certification for the millwork be waived? Please clarify.

A: Specification 06 41 00 has been revised to remove this requirement.

12. There are some existing floor outlets in the slab on grade and 2nd floor slab on deck that are to be removed. Is there a concrete infill detail we should follow? Please clarify.

A: Refer to revised keyed note on sheet E04-01.

13. What is the deck height of the 1st and 2nd floor? Please clarify.

A: Existing ceiling heights provided on reflected ceiling plans.

14. Will the owner be removing all their loose furniture, desks, & chairs in the areas to be renovated? Please clarify.

A: Yes

15. On drawing A04-01 in room 2262 there is some sort of epoxy paint for flooring in lieu of carpet. Please clarify if that is to be removed.

A: See revised sheet A04-01.

16. Are any of the window shades to be removed on the existing windows? There are not called to be removed and drawing A12-01 is calling for new window treatments. Please clarify.

A: See revised demolition RCP on A04-01.

17. Can we do the sprinkler drain down and head replacement during normal working hours on Monday through Friday? Our concern is keeping other occupied spaces served by the same system up and running. Please clarify.

A: Per Owner, work must be scheduled with the Oakton Facilities team at least 1 week prior. System drain down begins at 6am, system refill must begin promptly at 12:30pm on day of shut down. Contractor must schedule work to minimize number of shutdowns required.

18. Drawing E10-01 has new duplex receptacles shown in existing walls. Is wire mold acceptable or are the walls to be opened and patched. Please clarify.

A: Wire mold is not to be used in this project, unless explicitly indicated in documents.

19. Drawing E10-01 calls for new floor boxes, but there are no existing ceiling plans of the 1st floor. What ceiling removal and patching will be required? I believe this is over the current campus police. Can the coring be performed during normal working hours? Please clarify.

A: Floor boxes are only installed on 1st floor; poke thrus are to be installed on 2nd floor, as indicated in drawings. See revised keyed notes on sheet E10-01.

Per Owner, work must be coordinated with Oakton college Facilities Department. Work in police station ceiling must be performed off hours. Ceiling in police station is acoustical tile.

20. Drawing A62-01 has a F2 frame type for door opening 1820.A, but drawing A11-01 shows it having a side lite. What size is the side lite and what type of glass is required? Also, the existing side lite is 6" above finished floor and has terrazzo base installed. What terrazzo patching will be required at this door opening? See attached picture.

A: See revised door schedule on sheet A62-01 and revised demolition plan on A04-01. Existing door frame to remain. Refer to glazing schedule for glazing type.

21. On drawing A04-01 in room 1833 there is an existing wall protection chair rail, but it is not called to be removed. Is it to be removed and what wall patching is required after it is removed? Please clarify.

A: See revised sheet 8.A04-01 Demolition Plans.

22. Please clarify amount to figure for this allowance. Is this total SF of the projects or certain amounts. It might be best to come up with a number for all to bid? Please advise.

3.3 SCHEDULE OF ALLOWANCES

A. Allowance No. 01: Lump-Sum Allowance: Include the sum of $3.50/sq ft. Include Reinstallation of existing fire alarm cable into new conduit above demolished ceilings, and as shown on Drawings.
   1. This allowance includes material cost, receiving, handling, installation, and Contractor overhead and profit.

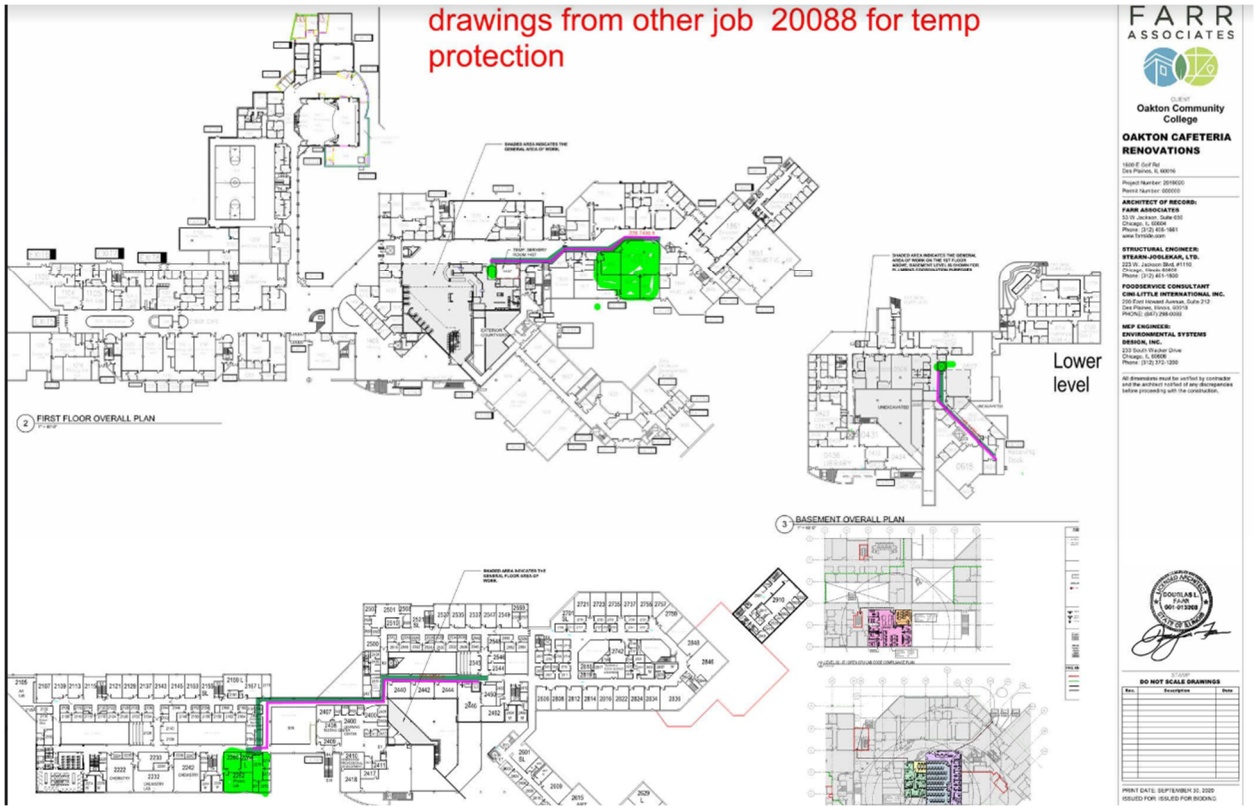
3.4 ATTACHMENTS

A. Allowance Expenditure Authorization Form (AEA).

A: This allowance pertains to the entire project.

23. Trying to figure out the temp protection for the adjacencies project The new plans do not show an overall plan so I took an old one to try and figure out the logistics. Does the below look about correct. This should probably be part of the bid documents since there will be quite a bit of protection

Let me know your thoughts. Didn't know if we can just exit the first floor work to the nearest doorway or does all construction activities need to exit thru lower level loading area



A: Per Owner, Masonite floor protection should be provided on 1st and 2nd floors from project area to freight elevator. Masonite must be taped at all joints to make safe and prevent tripping hazards.

SECTION 06 41 00

ARCHITECTURAL WOOD CASEWORK

PART 1 GENERAL

1.1 SUMMARY

A. Custom fabricated plastic-laminate-clad casework, including the following:
   1. Casework Fabrications:
      a. Freestanding casework.
      b. Countertops.
      c. Base and wall cabinets.
      d. Built-in casework.
   2. Hardware and accessories for complete fabrication and installation.
   3. Wood furring, blocking, shims, and hanging strips for installing architectural casework that are not concealed within other construction.
   4. Site installation.

B. Related Requirements:
   1. Rough carpentry: Section 06 10 00.
   2. Glazing: Section 08 80 00.
   3. Plastic-laminate countertops: Section 12 36 23.
   4. Solid surface countertops: Section 06 61 16.

1.2 COORDINATION

A. Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to ensure that paneling can be installed as indicated.

1.3 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.4 ACTION SUBMITTALS

A. Product Literature:
   1. Manufactured materials description, manufacturer's catalog cut sheets of casework/cabinet hardware indicating model numbers and finishes of each item used in fabrication.
   2. Manufacturer’s literature for fire retardant treated materials.

B. Shop Drawings: Submit shop drawings showing location of each item, dimensioned plans and elevations, large scale details, hardware, finishes, anchors and other components. Indicate compliance with specified standards and other specified requirements for materials and workmanship.

C. Samples: Samples will be reviewed for appearance and finish only. Compliance with other requirements is the exclusive responsibility of the Contractor.
1. Submit sample chains of plastic laminate and cabinet liner for color and pattern selection by Architect.
2. Cabinet/Casework Hardware: Each item specified used in the fabrications, in finish indicated herein.

1.5 INFORMATIONAL SUBMITTALS

A. Certification:
1. Copies of certificate signed by the Fabricator/Installer, certifying that the work complies with the quality standards, grades and other requirements as referenced and specified herein.
2. Signed by manufacturers certifying that products furnished comply with fire resistive requirements.
~~3. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.~~

1.6 QUALITY ASSURANCE

A. Fabricator/Installer:
1. Provide custom casework, finishing and installation executed only by a custom casework fabricator/installer skilled and experienced in highest quality custom casework and which can furnish satisfactory evidence to the Architect as to recent installations of similar type and quality.
2. The custom casework fabricator/installer is to have a minimum of 5 consecutive years experience in the type and quality of casework shown on the Drawings and specified herein.
~~3. Shop is a certified participant in AWI's Quality Certification Program.~~
~~4. Installer is a certified participant in AWI's Quality Certification Program.~~

B. Reference Standards: Comply with the applicable provisions for grading and workmanship of the Architectural Woodwork Institute (AWI), latest standards, herein referred to as Standards, except as otherwise specified.

C. Fire Test Response Characteristics: Where fire retardant materials or products are indicated or required by authorities having jurisdiction, 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.

1.7 DELIVERY, STORAGE AND HANDLING

A. Protect casework during transit, delivery, storage and handling to prevent damage, soiling and deterioration.

B. Do not deliver casework until painting, wet work, grinding and similar operations which could damage, soil or deteriorate casework has been completed and the HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period in installation areas.

C. If, due to unforeseen circumstances, casework must be stored in other than installation areas, store only in area which meet the requirements specified for installation areas.

1.8 PROJECT/SITE CONDITIONS

A. Environmental Requirements: Do not install casework until the required temperature and relative humidity have been stabilized in installation areas. Condition casework to average prevailing humidity and temperature conditions in installation areas prior to installing.

B. Coordination:
   1. Coordinate design, fabrication and assembly of casework fabrications with other materials, elements, equipment and fabrications that are attached to, installed in, or are part of the completed installation.
   2. Verify dimensions and field conditions and review shop drawings of other trades, equipment and fabrications which attached to, in, or a part of the complete installation to assure proper fit, finish and function of the completed installation.

C. Field Measurements: Where casework is indicated to be fitted to other construction, check actual dimensions of other construction by accurate field measurements before manufacturing casework; show recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delay of work.
   1. Where field measurements cannot be made without delaying the Work, guarantee dimensions and proceed with manufacture of casework without field measurements. Coordinate other construction to ensure that actual dimensions correspond to guaranteed dimensions.

PART 2 PRODUCTS

2.1 MATERIALS

A. Plastic Laminate: Comply with requirements of Publication No. LD 3 by the National Electrical Manufacturers Association (NEMA) for General Purpose Type (HGS and VGS), nominal 0.048 inch thick and Postforming Type (HGP and VGP), nominal 0.038 inch thick, solid color laminates, Grade CC (Matte), nominal 0.034 inch thick. Colors, patterns and texture selected by the Architect with a maximum of 3 colors being utilized in the plastic laminate fabrications from samples of the following manufacturers:
   1. Formica Corporation, Cincinnati, OH 45241.
   2. Lamin-Art, Schaumburg, IL 60173.
   3. Nevamar, Panolam Industries, Shelton, CT 06484
   4. Pionite Decorative Surfaces, Auburn, ME 04210.
   5. Wilsonart LLC, Temple, Texas 76503.
   6. Abet Inc., Englewood, NJ 07631.

B. Cabinet Liner: Plastic laminate manufacturer's standard products complying with CLS/-72.

C. Thermoset Decorative Overlay Cabinet Liner: Surface of thermally fused, melamine impregnated decorative paper complying with LMA SAT-1 over specified medium density particleboard.

D. Backing Sheet: Plastic laminate manufacturer's standard products complying with BKS/-91.

E. Adhesives:
   1. Do not use adhesives that contain urea formaldehyde
   2. Fire Retardant Treated Materials: Resorcinol.

F. Casework/Cabinet Construction Materials: Provide materials that comply with requirements of the Standards for each type of woodwork and quality grade indicated and, where the following products are part of woodwork, with requirements of the referenced product standards, that apply to product characteristics indicated:
   1. Hardboard: ANSI/AHA A135.4.
   2. Medium Density Particleboard: ANSI A208.1.
   3. Medium Density Fiberboard: ANSI A208.2, Grade MD.
   4. Medium Density Fiberboard: Industrial Grade Medium Density Fiberboard (MDF), manufactured with a formaldehyde-free adhesive system which meets the requirements of ANSI A208.2, Grade 150, as manufactured by one of the following:
      a. Flakeboard Company Limited
      b. McKillican International, Inc.
      c. Sierrapine Ltd.
   5. Softwood Plywood: PS 1
   6. Medium Density Overlay: 3/4 inch thick plywood, APA Grade MDO.

7. Internal Wood Framing and Blocking: Appearance Grade, 15 percent maximum moisture content, MC-15 or KD on grade stamp.

G. Wall mounted shelf supports: Surface mounted Heavy-Duty pilaster type slotted steel standards and brackets as shown in drawings, minimum 16-ga BHMA Grade 2 Compliant. "KV 183 Series" (Knape & Vogt) or similar.

H. Cabinet Hardware:
1. Open Adjustable Shelf Supports:
   a. Adjustable Shelf Supports: Heavy duty slotted steel, BHMA B84102.
      1) Garcy No. 649.
      2) Knape & Vogt No. 87.
      3) Capitol Harware A-Line.
   b. Caps: Provide manufacturer's standard caps at top and bottom of surface mounted standards which do not abut other surfaces.
2. Flush Mounted Adjustable Pilaster Shelf Supports: Flush mounted pilaster type slotted steel standards, comply with BHMA B84072.
   a. Garcy Nos. S373 and A73.
   b. Knape & Vogt Nos. 255 and 239.
   c. Capitol Hardware A-Line.
3. Shelf Brackets: Provide heavy duty double and triple hooked steel brackets, BHMA B84112. Provide shelf rests.
   a. Garcy Nos. 796 and M796.
   b. Knape & Vogt No. 186 and 187.
   c. Capitol Hardware A-Line.
4. Shelf End Support Clips: Steel supports with rubber cushions.
   a. Garcy No. FE286 & FE28
   b. Capitol Hardware A-Line No. 77 & No. 109.
   c. Knape & Vogt No. 256R ZN.
5. Side Pair Drawer Slides: BHMA B85062, 75 lb. rated (per pair) ball-bearing nylon rollers, 1/2 inch wide units, commercial grade, full extension.
   a. Grant No. 346.
   b. Knape & Vogt No. 1330.
   c. Accuride C3832 Series.
6. Concealed Hinges: Recessed cup and pivot type, 110 degree swing, self-closing, built-in horizontal and vertical adjustment.
   a. Blum No. BH73B3590.
   b. Grass Tiomos No. 160.
   c. Hafele No. 345-47-665, Plate No. 349-32-646.
7. Pulls: Solid brass, rod type, 5/16 inch diameter, 7/8 inch finger clearance, 4 inch screw centers, finish BHMA 626 satin chrome.
   a. Colonial Bronze No. 753.
   b. EPCO No. MC-4024.
   c. Stanley No. 4483.
8. Recessed Pulls: Mockett DP156-SSS.
9. Magnetic Cabinet Catches: BHMA, B43142, B43152 or B43162 (type as applicable) aluminum case, commercial grade.
10. Heavy Duty Magnetic Catches: BHMA B43172, aluminum case, commercial grade, 11.0 lbs. minimum test pull (door 16 inch wide and wider).

11. Drawer and Cupboard Locks: Mortise type, 5-pin tumbler and dead bolt, round cylinder only exposed, brass with plated finish to match BHMA 626. Provide on each unit.
12. Countertop Wire Control Grommets: Plastic grommet with spring loaded cover, color selection by Architect to match counter plastic laminate, one of the following:
    a. Doug Mockett & Co., Flip-Top, Manhattan Beach, CA 90266.
    b. Hafele America, CO., No. 429.99.324 (black), Archdale, NC 27263.
    c. Hardware Concepts, Inc., No. PL6200, Opa Locka, FL 33054.
13. Finish for Exposed Cabinet Hardware: Except as otherwise indicated, provide the following finish for exposed hardware: BHMA 626 satin chrome. For items not available in required finish, provide finish selected by Architect from those available. If more than one finish is indicated, match finish of hardware items on each set of casework as indicated.

2.2 FIRE RETARDANT TREATED MATERIALS

A. General: Where indicated, use materials impregnated with fire retardant chemical formulations indicated by a pressure process or other means acceptable to authorities having jurisdiction to produce products with fire test response characteristics specified.
   1. Use treated material that complies with requirements of Standards. Do not use materials 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 in solution to distinguish treated material from untreated material.
   3. Identify fire-retardant-treated materials with appropriate classification marking of qualified testing agency in the form of removable paper label or imprint on surfaces that will be concealed from view after installation.

B. Fire Retardant Treated Lumber and Plywood by Non-Pressure Process: Apply nontoxic, water soluble, fire retardant treatment by dip, spray, roller, curtain coating, vacuum chamber, or soaking to achieve flame spread rating of 25 or less and smoke developed rating of 450 or less per ASTM E 84.

C. Fire Retardant Treated Lumber and Plywood by Nonpressure Process: Apply nontoxic, water soluble, fire retardant treatment by dip, spray, roller, curtain coating, vacuum chamber, or soaking to achieve flame spread rating of 25 or less and smoke developed rating of 450 or less per ASTM E 84 and that contains no added urea formaldehyde.

D. Fire Retardant Particleboard (For use with hardwood veneer): Panels complying with the following requirements, made from softwood particles, synthetic resins and fire retardant chemicals mixed together at time of panel manufacture to achieve flame spread rating of 25 or less and smoke developed rating of 200 or less per ASTM E 84 and that contains no added urea formaldehyde.

1. For panels 3/4 inch thick and less, comply with ANSI A208.1-2009, Grade M-3 except for the following minimum properties: density, 45 lb/cu. ft; modulus of rupture, 1,600 psi; modulus of elasticity, 300,000 psi; internal bond, 80 psi; and screw holding capacity on face and edge, 250 lbf and 225 lbf, respectively.
2. Products: Subject to compliance with requirements, provide one of the following:
   a. "Duraflake FR" (Flakeboard Company Limited).
   b. "Pyroblock Plus" (McKillican International, Inc.).
   c. "Encore FR" (Sierrapine Ltd.).

E. Fire Retardant Fiberboard (Do not use with hardwood veneer): 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 rating of 25 or less and smoke developed rating of 200 or less per ASTM E 84 and that contains no added urea formaldehyde.
1. Product: Subject to compliance with requirements, provide one of the following:
   a. "Vesta FR" (Flakeboard Company Limited).
   b. "Purekor" (McKillican International, Inc.).
   c. "Medite FR" (Sierrapine Ltd.).

2.3 FABRICATION OF CASEWORK

A. Examine conditions and verify dimensions at the project site. Fabrication and/or installation of the casework and related elements constitutes acceptance of the existing conditions.

B. Not all details of casework are shown on the Drawings. The fabricator is to utilize the most advantageous manufacturing process to achieve the quality of casework indicated herein by the referenced Standards and the details shown on the Drawings.

C. Plastic-Laminate-Clad Casework:
1. Grade: AWI Premium Grade, Section 10, Type A construction, except as follows.
2. Face Construction: Flush overlay type, except as otherwise indicated on the Drawings or specified herein (drawer front, doors and fixed panels conceal casework behind).
3. Thickness and Style: As shown, or if not shown, provide minimum 3/4 inch thick medium density particleboard: counters, doors, drawer fronts and fixed panels, except where required to be thicker by standards or as shown on the Drawings; provide flush design units.
4. Edges of Door, Drawers and Face Frame: Plastic laminate matching exposed surfaces. Ease exposed edges of overlap sheet.
5. Backs of Doors: Plastic laminate matching exposed surfaces.
6. Backs of Plastic Laminate Components (Except Doors): Provide full backer sheets.

D. Counters:

1. Counter Construction: 3/4 inch thick, phenolic resin sealed medium density particleboard compatible with laminate adhesives, with full backer sheets, as shown on Drawings, or if details not shown, comply with standards and provide 4 inch high backsplash and endsplash, top mounted square butt joints, fully covered with matching plastic laminate, eased edges.
2. Exposed Counter Edges:
   a. Plastic laminate matching surface, except as otherwise indicated. Ease exposed edges of overlap sheet.
   b. Hardwood or veneer matching veneer surface, except as otherwise indicated. Ease exposed edges of overlap veneer.
   c. When show on the Drawings, fabricate counters and counter edges using postforming plastic laminate to form rounded counter edges.
3. Counter Splashes:
   a. Fabricate counters with backsplashes and sidesplashes. Fabricate to thicknesses and heights shown on the Drawings. If not shown provide minimum 4 inch high x 3/4 inch thick backsplashes and sidesplashes with exposed surface covered with plastic laminate.
   b. When show on the Drawings, fabricate counters and splashes using postforming plastic laminate to form integral counter splash cove.
4. Openings:
   a. Cut openings for equipment to be installed. Comply with equipment manufacturer's requirements, but provide internal corners of 1/8 inch minimum radius. Smooth saw cut and ease edges.
   b. Seal cut edges of counter at openings for sinks and other wet equipment, using waterproofing compound recommended by plastic manufacturer and compatible with laminating adhesive.

E. Shop fabricate casework to the greatest extent possible, disassemble only as necessary for delivery and installation.

F. Install hardware at the shop prior to delivery. Remove hardware for finish application and reinstall after finishing.

G. Fabricate with scribes to fit to abutting construction.

PART 3 EXECUTION

3.1 PREPARATION

A. Verify measurements at the project site and provide any necessary closures and trim to fit the items to enclosing walls and construction. Provide other trades with information necessary for proper completion of related work. Installation of casework and related construction constitutes acceptance of the existing conditions.

B. Condition casework to average prevailing humidity conditions in installation areas prior to installing.

3.2 INSTALLATION

A. Install architectural wood casework in compliance with Standards.

B. Install plumb, level, true and straight with no distortions. Shim as required using concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches. Install with no more than 1/16 inch in 96-inch vertical cup or bow and 1/8 inch in 96-inch horizontal variation from a true plane.

C. Where architectural wood casework abuts other finished work, scribe and cut for accurate fit. Before making cutouts, drill pilot holes at corners.

D. Attach architectural wood casework securely in place with uniform joints providing for thermal and building movements. Secure to anchors or blocking built in or directly attached to substrates.

E. Provide tops fabricated in largest sizes practical. Assemble in field with splines for alignment and drawn tight to hairline contact with tight joint fasteners.

3.3 ADJUSTING AND CLEANING

A. Repair damaged and defective architectural wood casework, where possible, to eliminate defects. Where not possible to repair, replace paneling. Adjust for uniform appearance.

B. Clean architectural wood casework on exposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas.

3.4 PROTECTION

A. Protection: protect installed architectural wood casework, and finishes from damage. Maintain temperature/humidity conditions during the remainder of the construction period in areas of architectural wood casework installation.

END OF SECTION

SECTION 08 14 16

FLUSH WOOD DOORS

PART 1 GENERAL

1.1 SUMMARY

A. Interior flush wood doors, including factory fitting and machining for hardware and factory applied transparent finishing.

B. Related Sections:
1. Hollow metal doors frames: Section 08 11 13.
2. Finish door hardware: Section 08 71 00.
3. Glass: Section 08 80 00.
4. Painting: Section 09 91 00.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings:
1. Show elevations, dimensions, construction details for each type of door.
2. Provide door schedule of doors using same reference numbers for openings as those on the Contract Drawings.

C. Samples:
1. 12 inch x 12 inch corner section of each type door.
2. 12 inch x 12 inch x 1/4 inch to 3/4 inch thick samples with each veneer specified, without stain or finish.
3. Finish Samples:
   a. 12 inch x 12 inch x 3/4 inch thick pieces of plywood with each veneer specified with a range of stains for selection by the Architect.
   b. A maximum of four (4) separate sample sets of 3 may be required to obtain the desired stain color and finish appearance for each finish specified.
   c. Finish samples as specified and numbered for reference of stain and finish. Include on the back of each sample a complete description of the finish and each coat applied.

1.3 INFORMATIONAL SUBMITTALS

A. Manufacturer's Literature:
~~1. Verification that AWI Quality Certification Labels for Project indicate doors comply with requirements of grades specified.~~

B. Warranty: Signed copies of warranty specified herein.

1.4 QUALITY ASSURANCE

A. Except as otherwise specified herein, provide wood doors conforming with Architectural Woodwork Institute latest standards.
   1. Flush Wood Doors: ANSI/WDMA I.S-1A

1.5 DELIVERY, HANDLING AND STORAGE

A. Individually package doors in corrugated cartons and/or poly bags by the manufacturer with identifying marks.

B. Store doors flat with spacers between each door, a minimum of 3 inches off the floor. Do not remove doors from cartons or poly bags until painting and other interior finishing work has been completed. Immediately remove from the project site, damaged or otherwise unsuitable doors, when so ascertained.

1.6 PROJECT SITE CONDITIONS

A. Environmental Requirements: Do not deliver doors until storage areas have been closed in and are thoroughly dry. Do not install wood doors until the required temperature and relative humidity have been stabilized in installation areas per the door manufacturer’s requirements.

1.7 WARRANTY

A. Provide door manufacturer's or fabricator’s written warranty stating that the wood doors will be free of faults and defects in accordance with the General Conditions, except that the warranty is to be for the life of the installation for solid core doors, instead of one year from the date of Substantial Completion.

B. Provide warranty signed by the door manufacturer or fabricator. Warp in excess of that permitted by the WDMA or any defect which affects the operation or appearance of the door is considered a defect under the provisions of the warranty.

C. Provide warranty including the cost of defective door replacement and the cost of rehanging defective doors.

D. The door manufacturer or fabricator or his representative is responsible for inspecting the installation of the doors before issuance of the warranty and is to note on the warranty that the doors have been installed in accordance with the manufacturer's recommendations.

E. This warranty is in addition to, and not a limitation of, other rights the Owner may have against the Contractor under the Contract Documents.

PART 2 PRODUCTS

2.1 ACCEPTABLE MANUFACTURERS

A. Solid Core Doors:

1. Eggers Hardwood Products Corporation, Two Rivers, WI 54241.
2. Assa Abloy Wood Doors, Mason City, IA 50401.
3. Masonite Architectural, Tampa, FL 33602.
4. Mohawk Flush Doors, Inc., Northumberland, PA 17857.
5. VT Industries, Inc., Holstein, IA 51025.

2.2 DOOR CONSTRUCTION – GENERAL

A. Flush Solid Core Non-Fire Rated Doors: Flush, solid core, hardwood MDO veneered, AWI latest standards, Premium Grade, 5-ply construction, Performance Duty Level: Heavy Duty.
   1. Cores: Particleboard core construction, ANSI A208.1, Grade 1-LD-2 1-LD-1, Type A: bonded core.
   2. Face Veneers:
      a. Transparent Finish: (1/40th inch thick before sanding):
         1) Wood Species, Veneer Cut: plain sliced white maple to match existing, for transparent finish. 'Gardall' Finish to match sample N2759-18GL by Chicago Doorways. Sample to be provided by Architect.
   3. Crossbands: Hardwood, 1/16 inch thick, extending the full width and height of the door.
   4. Adhesives: Type I.
   5. Stiles:
      a. Vertical: Minimum 1-3/8 inch thick.
      b. Top and Bottom: Minimum 4-1/2 inches wide.
   6. Edge Bands: Same species as face veneer.
   7. Inner Blocking:
      a. Top and Bottom: Continuous, minimum 5 inches wide solid wood blocking solid, or wider to assure no through bolting of surface hardware.
      b. Both Stiles: 5 inch wide x 10 inch long solid wood lock blocking.
   8. Thickness: 1-3/4 inches.

2.3 FABRICATION – GENERAL

A. Factory fit doors to suit frame opening sizes indicated:
   1. Comply with clearance requirements of referenced quality standard for fitting.

B. Factory machine doors for hardware that is not surface applied.
   1. Locate hardware to comply with DHI WDHS 3.
   2. Comply with final hardware schedules, door frame shop drawings, DHI A115 W series standards, and hardware templates.
   3. Coordinate measurements of hardware mortises in metal frames to verify dimensions and alignment before factory machining.

C. Openings: Cut and trim openings through doors to comply with applicable requirements of referenced standards for kind(s) of door(s) required.
   1. Light Openings: Trim openings with moldings of material and profile indicated.
   2. Louvers: Factory install louvers in prepared openings.

2.4 TRANSPARENT FINISHING

A. Factory finish hardwood veneer doors indicated on the Drawings to receive transparent finishing.

B. Preparation for finishing and finishing is to conform with AWI latest standards, Premium Grade. Provide finish to match existing.

C. Seal tops and bottoms of wood door with a heavy coat of varnish or equivalent sealer prior to delivery to the job. Seal vertical edges of doors to receive opaque finishes (paint).

PART 3 EXECUTION

3.1 PREPARATION

A. Examine doors and installed door frames, with Installer present, before hanging doors.
   1. Verify that installed frames comply with indicated requirements for type, size, location, and swing characteristics and have been installed with level heads and plumb jambs.
   2. Reject doors with defects.

B. Starting of work constitutes acceptance of the existing conditions.

C. Inspect each area of installation and allow doors to acclimate to the area temperature and humidity.

3.2 INSTALLATION

A. Install flush wood doors in accordance with the manufacturer's printed instructions, referenced standards, the final reviewed shop drawings and this Section.

B. Carry doors upright. Do not drag doors. Protect door bottoms with scruff strips. Do not slide across one another. Condition doors to average humidity of spaces before hanging.

C. Align and fit doors in frames with uniform clearances and bevels as indicated below; do not trim stiles and rails in excess of limits set by manufacturer. Machine doors for hardware. Seal cut surfaces after fitting and machining including areas routed for concealed closers and other hardware cutouts. Hand doors with hardware specified.
   1. Provide uniform clearances at jambs and heads not to exceed 1/8 inch and at bottoms not less than 1/4 inch nor greater than 3/4 inch and not greater than 3/8 inch from floor finish or top of threshold, except where indicated otherwise on the Drawings to be under cut or where required to clear thresholds, floor finishes or for passage of air. Coordinate undercut requirements with various floor materials and trades installing such and provide undercuts to accommodate conditions for installation of doors at no additional cost to the Owner.

D. Bevels:
1. Bevel non-rated doors 1/8 inch in 2 inches at lock and hinge edges.

3.3 CLEANING AND PROTECTION

A. Repair or remove and replace defective doors as directed upon completion of installation. Remove and replace doors which cannot be successfully repaired.

B. Protection: protect wood until acceptance of the Work by the Owner. Maintain temperature and humidity conditions during the remainder of the construction period to comply with door manufacturer's printed instructions.

C. Clean door surfaces in accordance with the manufacturer's recommendations. Touch-up factory finished doors in accordance with the manufacturer's printed instructions. Remove and replace doors which cannot be successfully touched-up in the field.

END OF SECTION

SECTION 12 36 23

PLASTIC LAMINATE COUNTERTOPS

PART 1 GENERAL

1.1 SUMMARY

A. Fabricated plastic laminate countertops, including the following:
   1. Custom fabricated counters.
   2. Fabrication and installation hardware and accessories.
   3. Site installation.

B. Related Sections:
   1. Metal fabrications: Section 05 50 00.
   2. Rough carpentry: Section 06 10 00.
   3. Architectural wood casework: 06 41 00.

1.2 ACTION SUBMITTALS

A. Product Data: For each type of product.
   1. Include data for fire-retardant treatment from chemical-treatment manufacturer and certification by treating plant that treated materials comply with requirements.

B. Shop Drawings: Submit shop drawings showing location of each item, dimensioned plans and elevations, large-scale details, hardware, finishes, anchors and other components. Indicate compliance with specified standards and other specified requirements for materials and workmanship.

C. Samples: Samples will be reviewed for appearance and finish only. Compliance with other requirements is the exclusive responsibility of the Contractor.
   1. Submit sample chains of plastic laminate and backer sheet for color and pattern selection by Architect.

D. Evaluation Reports: For fire-retardant-treated materials, from ICC-ES.

1.3 INFORMATIONAL SUBMITTALS

A. Certification: Copies of certificate signed by the Fabricator/Installer, certifying that the work complies with the quality standards, grades and other requirements as referenced and specified herein.
   ~~1. Woodwork Quality Standard Compliance Certificates: AWI Quality Certification Program certificates.~~

1.4 QUALITY ASSURANCE

A. Fabricator/Installer: A firm which has successfully produced and installed counters similar to the quality specified and in the quantity shown for a period of not less than 5 years. Provide evidence of qualifications and experience to Architect upon request.

B. Reference Standards: Comply with the applicable provisions for grading and workmanship of the Architectural Woodwork Institute (AWI), latest standards, herein referred to as Standards, except as otherwise specified.

1.5 DELIVERY, STORAGE AND HANDLING

A. Protect counters during transit, delivery, storage and handling to prevent damage, soiling and deterioration.

B. Do not deliver counters until painting, wet work, grinding and similar operations which could damage, soil or deteriorate counters has been completed in installation areas. If, due to unforeseen circumstances, counters must be stored in other than installation areas, store only in area which meet the requirements specified for installation areas.

1.6 PROJECT/SITE CONDITIONS

A. Environmental Requirements: Do not install counters until the required temperature and relative humidity have been stabilized in installation areas. Condition counters to average prevailing humidity and temperature conditions in installation areas prior to installing.

B. Field Measurements: Where countertops are indicated to be fitted to other construction, check actual dimensions of other construction by accurate field measurements before manufacturing countertops; show recorded measurements on final shop drawings. Coordinate manufacturing schedule with construction progress to avoid delay of work.
   1. Where field measurements cannot be made without delaying the Work, guarantee dimensions and proceed with manufacture of countertops without field measurements. Coordinate other construction to ensure that actual dimensions correspond to guaranteed dimensions.

C. Coordination: Coordinate sizes and locations of framing, blocking, reinforcements, and other related units of work specified in other Sections to ensure that countertops can be supported and installed as indicated.

PART 2 PRODUCTS

2.1 MATERIALS

A. Plastic Laminate: Comply with requirements of Publication No. LD 3 by the National Electrical Manufacturers Association (NEMA) for General Purpose Type (HGS and VGS), nominal 0.048 inch thick and Postforming Type (HGP and VGP), nominal 0.038 inch thick. Colors, patterns and texture selected by the Architect with a maximum of three (3) colors being utilized in the plastic laminate fabrications from samples of the following manufacturers:
1. Formica Corporation, Cincinnati, OH 45241.
2. Lamin-Art, Schaumburg, IL 60173.
3. Nevamar, Panolam Industries, Shelton, CT 06484
4. Pionite Decorative Surfaces, Auburn, ME 04210.
5. Wilsonart LLC, Temple, Texas 76503.
6. Abet Inc., Englewood, NJ 07631.
7. Apra USA, Jacksonville, FL 32218.

B. Backing Sheet: Plastic laminate manufacturer's standard products complying with BKS/-91.

C. Adhesives: Do not use adhesives that contain urea formaldehyde

D. Countertop Construction Materials: Provide materials that comply with requirements of the AWI woodworking standard for each type of woodwork and quality grade indicated and, where the following products are part of woodwork, with requirements of the referenced product standards, that apply to product characteristics indicated:
1. Hardboard: ANSI/AHA A135.4.
2. Medium Density Particleboard: ANSI A208.1.
3. Medium Density Fiberboard: ANSI A208.2, Grade MD.
4. Medium Density Fiberboard: Industrial Grade Medium Density Fiberboard (MDF), manufactured with a formaldehyde-free adhesive system which meets the requirements of ANSI A208.2, Grade 150, as manufactured by one of the following:
    a. Flakeboard Company Limited
    b. McKillican International, Inc.
    c. Sierrapine Ltd.
5. Softwood Plywood: PS 1
6. Medium Density Overlay: 3/4 inch thick plywood, APA Grade MDO.

E. Countertop Wire Control Grommets: Plastic grommet with spring loaded cover, color selection by Architect to match counter plastic laminate, one of the following:
1. "Flip-Top" (Doug Mockett & Co., Manhattan Beach, CA 90266).
2. "No. 429.99.324 (black)" (Hafele America, CO., Archdale, NC 27263).
3. "No. PL6200" (Hardware Concepts, Inc., Opa Locka, FL 33054).

2.2 FABRICATION OF COUNTERS

A. Examine conditions and verify dimensions at the project site. Fabrication and/or installation of the counters and related elements shall constitute acceptance of the existing conditions.

B. Not all details of counters are shown on the Drawings. The fabricator shall utilize the most advantageous manufacturing process to achieve the quality indicated herein by the referenced AWI Quality Standards and the details shown on the Drawings.

C. Shop fabricate counters to the greatest extent possible, disassemble only as necessary for delivery and installation.

D. Fabricate counters in accordance with the following requirements:
   1. Grade: AWI Custom Grade (Section 11), except as follows.
   2. Thickness and Style: As shown, or if not shown, provide minimum 3/4 inch thick counters, except where required to be thicker by Standards or as shown on the Drawings.
   3. Counter Construction: 3/4 inch thick, phenolic resin sealed medium density particleboard compatible with laminate adhesives, with full backer sheets, as shown on Drawings, or if details not shown, comply with Standards and provide 4 inch high back-splash and end-splash, top-mounted square butt joints, fully covered with matching plastic laminate, eased edges.
   4. Exposed Counter Edges:
      a. Plastic laminate matching surface, except as otherwise indicated. Ease exposed edges of overlap sheet.
      b. When show on the Drawings, fabricate counters and counter edges using postforming plastic laminate to form rounded counter edges.
   5. Openings:
      a. Cut openings for equipment to be installed. Comply with equipment manufacturer's requirements, but provide internal corners of 1/8 inch minimum radius. Smooth saw cut and ease edges.
      b. Seal cut edges of counter at openings for sinks and other "wet" equipment, using waterproofing compound recommended by plastic manufacturer and compatible with laminating adhesive.
   6. Splashes:
      a. Fabricate counters with backsplashes and sidesplashes. Fabricate to thicknesses and heights shown on the Drawings. If not shown provide minimum 4 inch high x 3/4 inch thick backsplashes and sidesplashes with exposed surface covered with plastic laminate.
      b. When show on the Drawings, fabricate counters and splashes using postforming plastic laminate to form integral counter splash cove.

E. Fabricate with scribes to fit to abutting construction.

PART 3 EXECUTION

3.1 PREPARATION

A. Verify measurements at the project site and provide any necessary closures and trim to fit the items to enclosing walls and construction. Provide other trades with information necessary for proper completion of related work. Installation of counters and related construction shall constitute acceptance of the existing conditions.

B. Condition counters to average prevailing humidity conditions in installation areas prior to installing.

3.2 INSTALLATION

A. Install plumb, level, true and straight with no distortions. Shim as required using concealed shims.

B. Where counters abuts other finished work, scribe and cut for accurate fit. Before making cutouts, drill pilot holes at corners.

C. Attach counters securely in place with uniform joints providing for thermal and building movements. Secure to anchors or blocking built in or directly attached to substrates.

D. Provide tops fabricated in largest sizes practical. Assemble in field with splines for alignment and drawn tight to hairline contact with tight joint fasteners.

3.3 CLEANING AND PROTECTION

A. Protection: protect materials, installed counters, and finishes from damage by the work until acceptance of the work by the Owner. Maintain the required temperature/humidity conditions during the remainder of the construction period in areas of installation.

B. Repair or remove and replace defective Work that cannot be repaired as directed upon completion of installation.

END OF SECTION

Perkins&Will

ADJACENCIES RENOVATIONS PHASE 1

Oakton College

ADDENDUM 01

07 OCTOBER 2024

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SHEET NUMBER	SHEET NAME	ISSUED FOR BID | 09.23.2024	ADDENDUM 01 | 10.07.2024
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8.G01-02	CODE COMPLIANCE PLANS	•	
04-ARCHITECTURAL			
8.A00-01	REFERENCE SHEET	•	
8.A04-01	DEMOLITION PLANS	•	•
8.A11-01	FLOOR PLANS & FLOOR DETAILS	•	•
8.A12-01	REFLECTED CEILING PLANS & DETAILS	•	•
8.A15-01	FURNITURE & SIGNAGE PLANS	•	
8.A44-01	INTERIOR ELEVATIONS	•	
8.A50-00	CASEWORK ELEVATIONS & DETAILS	•	
8.A61-01	INTERIOR PARTITION TYPES & DETAILS	•	
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8.FP10-01	FIRE PROTECTION PLANS - PHASE 1	•	
06-PLUMBING			
8.P04-01	PLUMBING DEMOLITION PLAN - PHASE 1	•	
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08-ELECTRICAL AND LOW VOLTAGE			
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8.E05-01	LIGHTING DEMOLITION PLANS - PHASE 1	•	
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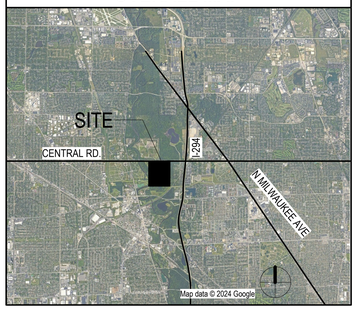
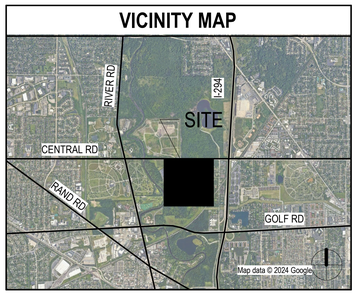
8.E71-02	TECHNOLOGY NOTES AND DETAILS	•	
8.E71-03	TECHNOLOGY NOTES AND DETAILS	•	

OVERALL MAP



OWNER	ARCHITECT	MECH., PLUMBING, ELEC., LOW VOLTAGE, & FIRE PROTECTION ENGINEERING
OAKTON COLLEGE 1600 E. GOLF RD. DES PLAINES, IL 60016	PERKINS AND WILL 410 N. MICHIGAN AVE. STE. 1600 CHICAGO, IL 60611 DESIGN FIRM #: 184000338-0001	MECHANICAL SERVICES ASSOCIATES, CORP. 111 S. VIRGINIA ST. CRYSTAL LAKE, IL 60014 DESIGN FIRM #: 184001504-0002

VICINITY MAP



SITE MAP

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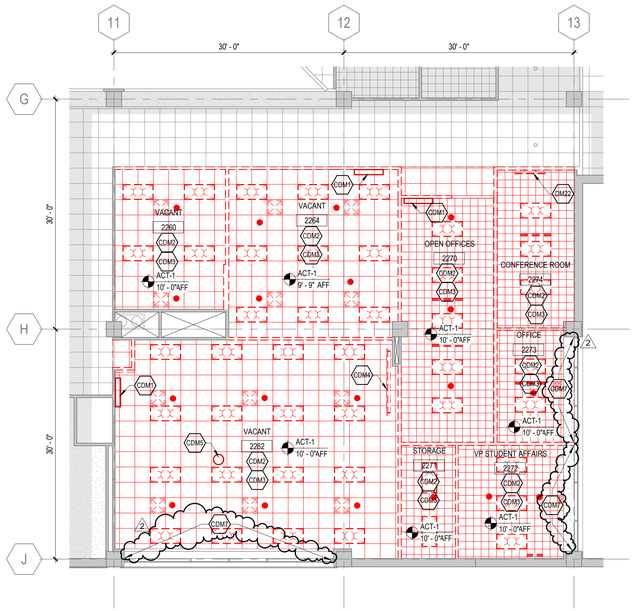
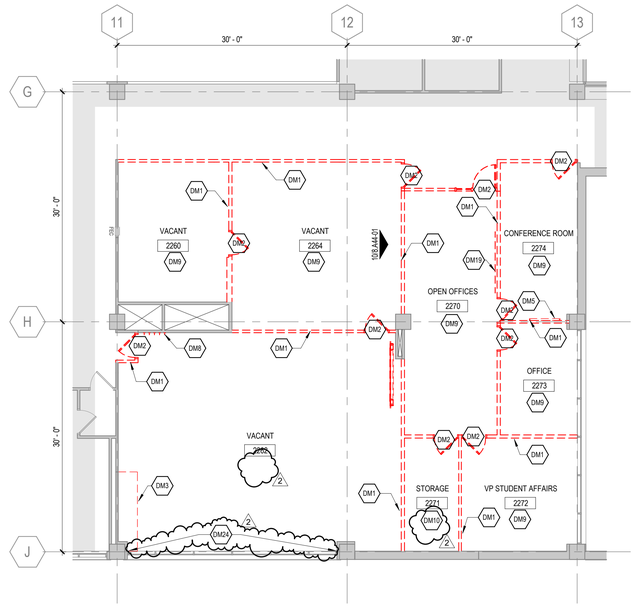
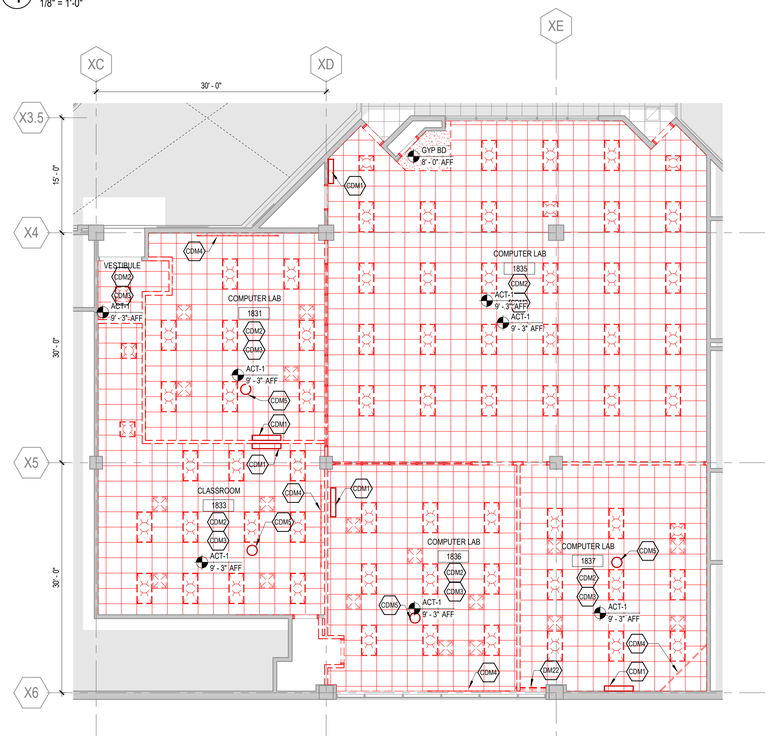


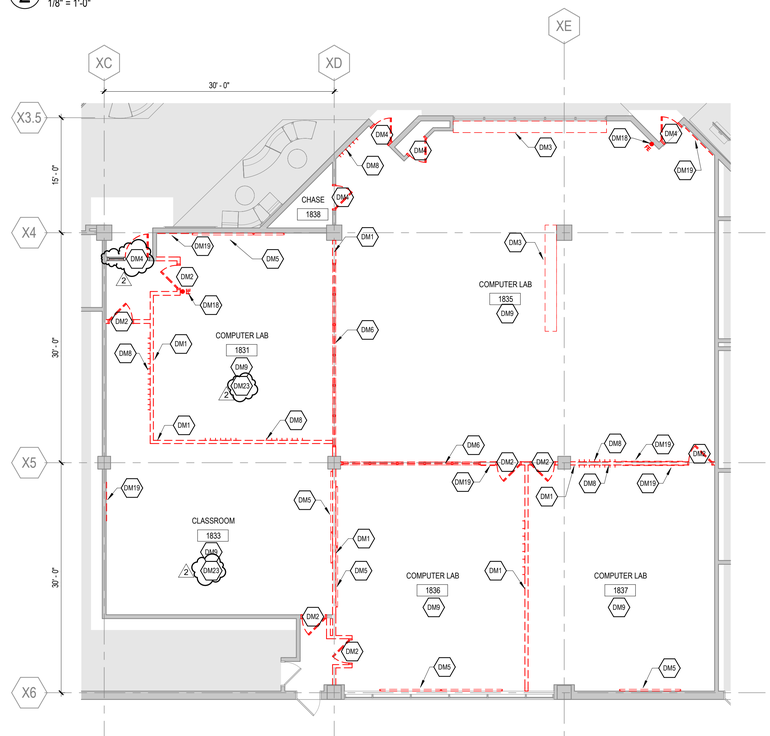
4 TECH HUB DEMOLITION RCP
1/8" = 1'-0"



2 TECH HUB DEMOLITION PLAN
1/8" = 1'-0"



3 ADRC & TESTING CENTER DEMOLITION RCP
1/8" = 1'-0"



1 ADRC & TESTING CENTER DEMOLITION PLAN
1/8" = 1'-0"

0 2' 4' 8' 16'
Scale: 1/8" = 1' - 0"

DEMOLITION CEILING PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD SURVEY THE SITE OF PROPOSED WORK TO DETERMINE THE EXTENT AND NATURE OF THE DEMOLITION WORK. REFER TO ALL CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND SCOPE OF DEMOLITION WORK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. PROTECTION SHALL BE PROVIDED FOR BASE BUILDING CONSTRUCTION AND ALL EXISTING CONSTRUCTION TO REMAIN.
3. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, ELECTRICAL COMMUNICATION, AND LIFE SAFETY DEVICES WITH THE LANDLORD AND OWNER PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD AND OWNER.
4. COORDINATE WITH OWNER TO VERIFY THAT OWNER HAS REMOVED ALL ITEMS SCHEDULED OR PLANNED TO BE REMOVED BY OWNER.
5. WHERE PLUMBING, WATER LINES, WASTES, AND VENTS ARE REMOVED, THEY SHALL BE DISCONNECTED AND CAPPED AT THE TAP CONNECTION; ADEQUATELY RECESS TO ACCOMMODATE PATCHING AND FINISH OF THE FINISH SURFACE.
6. REMOVE ALL LOW VOLTAGE CABLING AND CONNECTORS THAT ARE NOT REQUIRED FOR THE OPERATION OF THE FINAL LOW VOLTAGE SYSTEM.
7. ALL EMPTY CONDUITS TO BE REMOVED.
8. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO OWNER OR ARCHITECT. IMMEDIATELY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.

LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING ACOUSTICAL TILE CEILING SYSTEM TO BE DEMOLISHED
- FIXTURE TO REMAIN
- FIXTURE TO BE DEMOLISHED

DEMOLITION PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD SURVEY THE SITE OF PROPOSED WORK TO DETERMINE THE EXTENT AND NATURE OF THE DEMOLITION WORK. REFER TO ALL CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND SCOPE OF DEMOLITION WORK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. PROTECTION SHALL BE PROVIDED FOR BASE BUILDING CONSTRUCTION AND ALL EXISTING CONSTRUCTION TO REMAIN.
3. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, ELECTRICAL COMMUNICATION, AND LIFE SAFETY DEVICES WITH THE LANDLORD AND OWNER PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD AND OWNER.
4. COORDINATE WITH OWNER TO VERIFY THAT OWNER HAS REMOVED ALL ITEMS SCHEDULED OR PLANNED TO BE REMOVED BY OWNER.
5. WHERE PARTITIONS ARE BEING REMOVED, ALL ELECTRICAL OUTLETS AND SWITCHES SHALL BE DISCONNECTED AT SUPPLY JUNCTION BOXES, UNO.
6. WHERE PLUMBING, WATER LINES, WASTES, AND VENTS ARE REMOVED, THEY SHALL BE DISCONNECTED AND CAPPED AT THE TAP CONNECTION; ADEQUATELY RECESS TO ACCOMMODATE PATCHING AND FINISH OF THE FINISH SURFACE.
7. WHERE TACKLESS CARPET AND/OR PAD ARE BEING REMOVED, REMOVE MECHANICAL ATTACHMENTS TO THE FLOOR.
8. WHERE GLUE DOWN CARPET, RESILIENT FLOORING OR OTHER GLUED FLOOR INSTALLATIONS ARE TO BE REMOVED, REMOVE ALL ADHESIVE TO LEAVE THE FLOOR WITH A SMOOTH, FINISH.
9. REMOVE ALL LOW VOLTAGE CABLING AND CONNECTORS THAT ARE NOT REQUIRED FOR THE OPERATION OF THE FINAL LOW VOLTAGE SYSTEM.
10. ALL EMPTY CONDUITS TO BE REMOVED.
11. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO OWNER OR ARCHITECT. IMMEDIATELY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.

LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- CONSTRUCTION TO BE REMOVED

DEMOLITION PLAN KEYNOTES

	<<< Indicates Sheet Keynote on Plan
CDM1	REMOVE CLOCK AND SPEAKER; SALVAGE FOR RE-INSTALLATION
CDM2	DEMOLISH CEILING GRID AND TILES; SALVAGE CEILING-MOUNTED EQUIPMENT & SIGNAGE FOR REINSTALLATION
CDM3	REMOVE LIGHT FIXTURES; RETURN TO OWNER UPON REQUEST; PREPARE FOR NEW FIXTURES
CDM4	REMOVE PROJECTION SCREEN; RETURN TO OWNER
CDM5	REMOVE CEILING-MOUNTED PROJECTOR; RETURN TO OWNER
CDM7	DEMOLISH WINDOW TREATMENTS; PREPARE FOR NEW WINDOW TREATMENTS
CDM8	DEMOLISH PARTITION & WALL BACK, EXTENT AS SHOWN; PATCH & REPAIR ADJACENT CONSTRUCTION TO MATCH EXISTING
DM2	REMOVE DOOR, FRAME, & HARDWARE; RETURN DOOR & HARDWARE TO OWNER AS REQUESTED
DM3	DEMOLISH CASEWORK; CUT CAP & SEAL UTILITIES BACK TO SOURCE; PATCH & REPAIR ADJACENT CONSTRUCTION TO MATCH EXISTING
DM4	REMOVE DOOR & HARDWARE; EXISTING FRAME TO REMAIN; RETURN DOOR TO OWNER AS REQUESTED
DM5	REMOVE WHITE BOARDS; RETURN TO OWNER
DM6	DEMOLISH GLAZING SYSTEM; EXTENTS AS SHOWN
DM8	REMOVE COAT HOOKS; RETURN TO OWNER
DM9	DEMOLISH CARPET FLOORING; PREPARE FOR NEW FLOORING
DM10	DEMOLISH EXISTING TILE FLOORING; PREPARE FOR NEW FLOORING
DM18	REMOVE FIRE EXTINGUISHER; SALVAGE FOR REINSTALLATION
DM19	REMOVE WALL-MOUNTED TACK BOARD; RETURN TO OWNER
DM22	REMOVE WALL-MOUNTED TV; RETURN TO OWNER
DM23	DEMOLISH WALL-MOUNTED CHAIR RAILS
DM24	DEMOLISH GYP WALL TO BLOCK WALL BENEATH WINDOW ONLY; EXTENTS AS SHOWN; COORDINATE WITH GC & OWNER PRIOR TO DEMOLITION; PREPARE FOR NEW FURRED WALL

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PROJECT

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DES PLAINES, IL, 60016

Oakton College
OAKTON COLLEGE

ADDENDUM 01 07 OCTOBER 2024

KEY PLAN

ISSUE CHART

MARK	ISSUE	DATE
2	ADDENDUM 01	07 OCT 24
1	ISSUED FOR BID	23 SEP 24

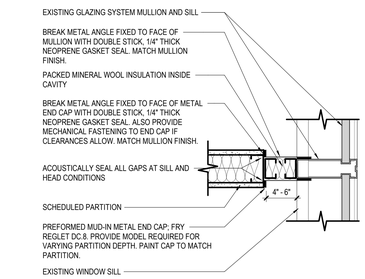
Job Number 021074.000

TITLE

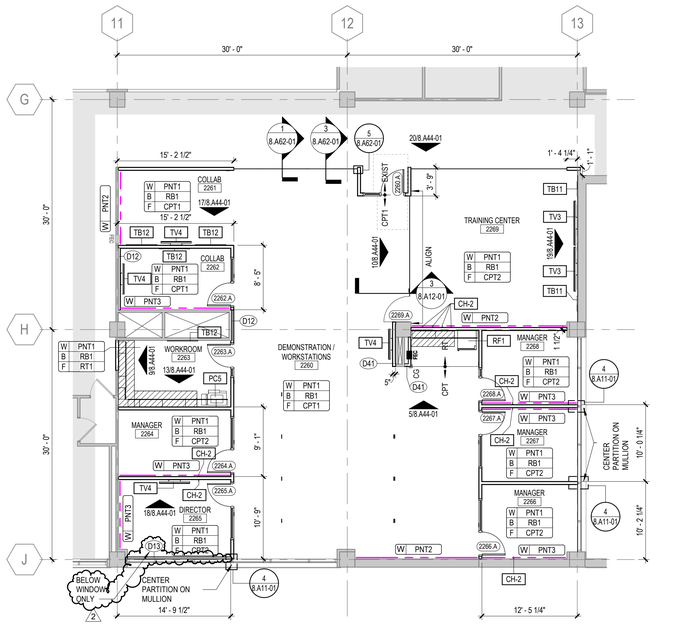
DEMOLITION PLANS

SHEET NUMBER

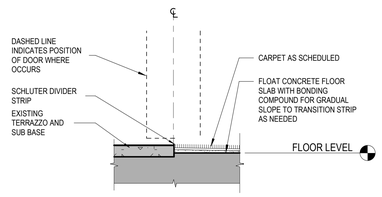
8.A04-01



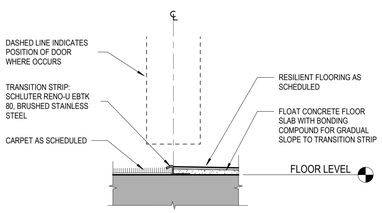
4 WALL AT EXISTING MULLION PLAN DETAIL
SCALE 1 1/2" = 1'-0"



2 TECH HUB FLOOR PLAN
1/8" = 1'-0"



FLOORING TRANSITION
CARPET - EXISTING TERRAZZO

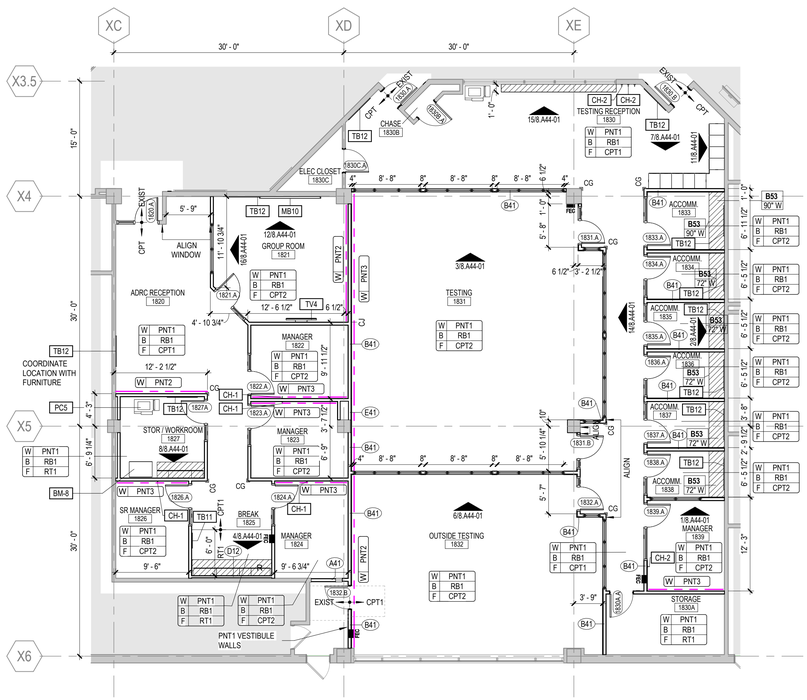


FLOORING TRANSITION
CARPET - RESILIENT

FLOORING TRANSITION NOTES:

1. METAL FLOORING TRANSITIONS SHALL BE **CLEAR ANODIZED ALUMINUM OR SATIN STAINLESS** FINISH.
2. COORDINATE HEIGHT OF FLOORING TRANSITION PRODUCTS WITH THICKNESSES OF CORRESPONDING FLOORING ASSEMBLIES.

3 FLOOR FINISH TRANSITIONS
SCALE 6" = 1'-0"



1 ADRC & TESTING CENTER FLOOR PLAN
1/8" = 1'-0"

0 2" 4" 8" 16"
Scale: 1/8" = 1' - 0"

INTERIOR FINISH PLAN GENERAL NOTES

1. REFER TO INTERIOR FINISH LEGEND IN A60 SERIES FOR INFORMATION.
2. SEE A50 SERIES FOR CASEWORK INFORMATION
3. TYPICAL FLOOR FINISH TO BE **CPT1**, UNO.
4. TYPICAL WALL FINISH TO BE **PNT1**, UNO.
5. TYPICAL WALL BASE TO BE **RB1**, UNO.
6. ALL FINISHES INSIDE COAT AND STORAGE CLOSETS SHALL BE CONSISTENT WITH THE ADJACENT ROOM FINISHES, UNO. FLOOR COVERINGS SHALL CONTINUE FROM ADJACENT ROOM INTO CLOSETS
7. PROVIDE A FINISH AT ALL AREAS THAT ARE EXPOSED BEHIND MILLWORK, FILE CABINETS, PANELING, ETC. DUE TO REVEALS, JOINTS, END CONDITIONS, ETC.
8. SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.

BASE:

9. NEW WALL BASE SHALL BE INSTALLED ON ALL NEW AND EXISTING WALLS AND COLUMNS, UNO.
10. RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO. RESILIENT WALL BASE AT ALL HARD SURFACE FLOORS SHALL BE COVED BASE, UNO.

PAINT:

11. PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
12. PAINT EXPOSED ELECTRICAL RACEWAYS TO MATCH THE ADJACENT WALL SURFACE.
13. PROVIDE A PRIME PAINT COAT IN UNEXPOSED AREAS COVERED BY MILLWORK, PANELING, AND OTHER FIXED ARCHITECTURAL ELEMENTS UNO.
14. DOORS TO RECEIVE PAINT SHALL BE PAINTED **PNT4**.
15. HOLLOW METAL FRAMES SHALL BE PAINTED **PNT4**.
16. VISION LITE FRAMES SHALL BE PAINTED **PNT4**.
17. FIRE EXTINGUISHER CABINETS SHALL BE PAINTED TO MATCH ADJACENT WALL, UNO.
18. ACCESS PANELS SHALL BE PAINTED TO MATCH ADJACENT SURFACE.
19. GYPSUM BOARD SOFFITS ABUTTING A WALL SHALL BE PAINTED TO MATCH THE WALL. GYPSUM BOARD SOFFITS NOT ABUTTING A WALL SHALL BE PAINTED TO MATCH ADJACENT GYPSUM BOARD CEILING, IF APPLICABLE. GYPSUM BOARD SOFFITS ADJACENT TO ONLY ACOUSTICAL PANEL CEILINGS SHALL BE PAINTED **PNT1**.

FLOORING:

20. FLOORING TRANSITIONS AT DOORWAYS SHALL BE ALIGNED WITH THE FACE OF THE FRAME'S STOP FACING THE DOOR.

LEGEND

MILLWORK

ROOM FINISH TAG

W XXX — WALL FINISH
B XXX — WALL BASE FINISH
F XXX — FLOOR FINISH

ACCENT FINISHES

W PNT1 — (PNT) PAINT

FINISH SYMBOLS

XX — XX — FLOOR FINISH TRANSITION SYMBOL

FLOOR FINISH MATERIAL PATTERN DIRECTION

CONTROL JOINT

FLOOR PLAN GENERAL NOTES

1. SEE THE A61 SERIES FOR PARTITION TYPES
2. ALL PARTITIONS ARE TYPE **A41** UNLESS NOTED OTHERWISE
3. DOOR DIMENSIONS ARE TO EDGE OF DOOR LEAF UNLESS NOTED OTHERWISE.
4. FOR SWINGING DOORS, THE HINGE SIDE OF OF THE DOOR JAMB SHALL BE LOCATED 4" FROM THE ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE

FLOOR PLAN LEGEND

NOT IN CONTRACT
EXISTING PARTITION TO REMAIN
NEW PARTITION
CG — CORNER GUARD

EQUIPMENT

TAG	DESCRIPTION	FURN. / INSTALL	COMMENTS
BM-8	BRAILLE MACHINE	OFOI	COORDINATE CABINETRY WITH EXISTING EQUIPMENT.
CH-1	COAT HOOK	CFCI	STAINLESS STEEL
CH-2	COAT HOOK	CFCI	STAINLESS STEEL
EQ14	FIRE EXTINGUISHER CABINET, FULLY RECESSED	CFCI	
FEC13	FIRE EXTINGUISHER CABINET, SEMI-RECESSED	CFCI	
MB10	MARKERBOARD, 8' WIDE	CFCI	SEE ELEVATIONS AND MOUNTING DIMENSIONS SCHEDULE
MW2	DRAWER MICROWAVE	OFCI	COORDINATE CABINETRY WITH SELECTED MODEL
PC5	PRINTER/COPIER	OFOI	
RF1	FULL HEIGHT REFRIGERATOR AND FREEZER	OFOI	COORDINATE CABINETRY WITH SELECTED MODEL
RF7	UNDER COUNTER REFRIGERATOR	OFOI	COORDINATE CABINETRY WITH SELECTED MODEL
TB11	TACK BOARD, 2' WIDE	CFCI	SEE ELEVATIONS AND MOUNTING DIMENSIONS SCHEDULE
TB12	TACK BOARD, 4' WIDE	CFCI	SEE ELEVATIONS AND MOUNTING DIMENSIONS SCHEDULE
TV3	TV SCREEN 81"	OFCI	WALL MOUNTED. CONTRACTOR TO PROVIDE BLOCKING FOR MOUNT. COORDINATE LOCATION WITH OWNER
TV4	TV SCREEN, 55"	OFCI	WALL MOUNTED. CONTRACTOR TO PROVIDE BLOCKING FOR MOUNT. COORDINATE LOCATION WITH OWNER
TV5	TV SCREEN, 55" COUNTER TOP	OFCI	

LEGEND

OFOI	OWNER FURNISHED, OWNER INSTALLED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

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PROJECT

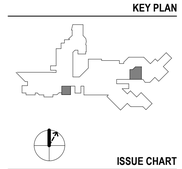
ADJACENCIES RENOVATIONS PHASE 1

DES PLAINES CAMPUS
1600 EAST GOLF ROAD
DES PLAINES, IL, 60016

Oakton College
OAKTON COLLEGE

ADDENDUM 01 07 OCTOBER 2024

KEY PLAN



ISSUE CHART

MARK	ISSUE	DATE
2	ADDENDUM 01	07 OCT 24
1	ISSUED FOR BID	23 SEP 24

Job Number 021074.000

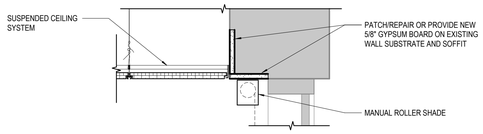
TITLE

FLOOR PLANS & FLOOR DETAILS

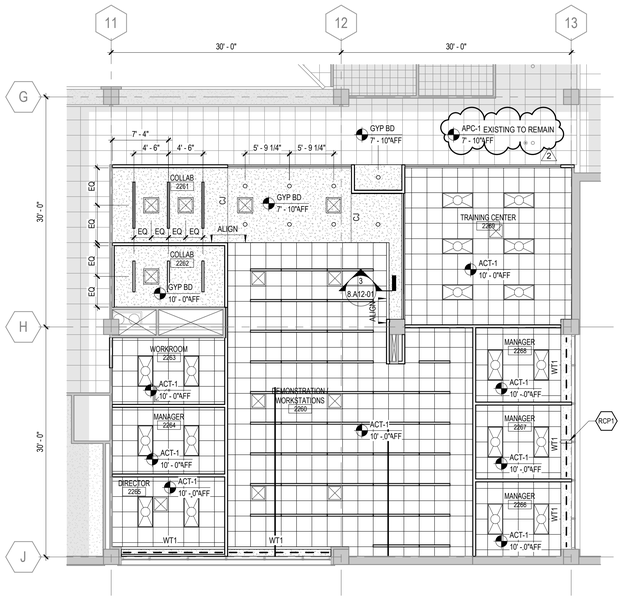
SHEET NUMBER

8.A11-01

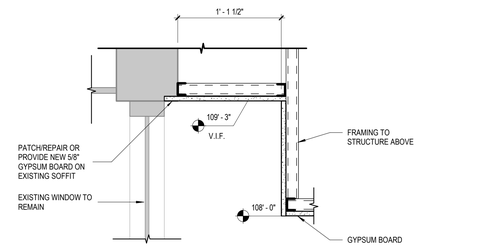
10/7/2024 12:22:34 PM Autodesk Docs://Oakton Adj Reno/ARCH_PW_OAKTON RENO_2023.rvt



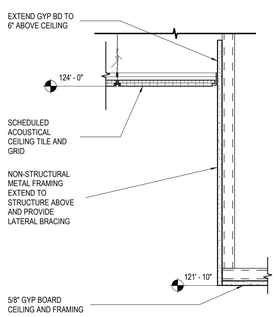
5 SECTION - NEW CEILING @ EXT. WALL
SCALE 1 1/2" = 1'-0"



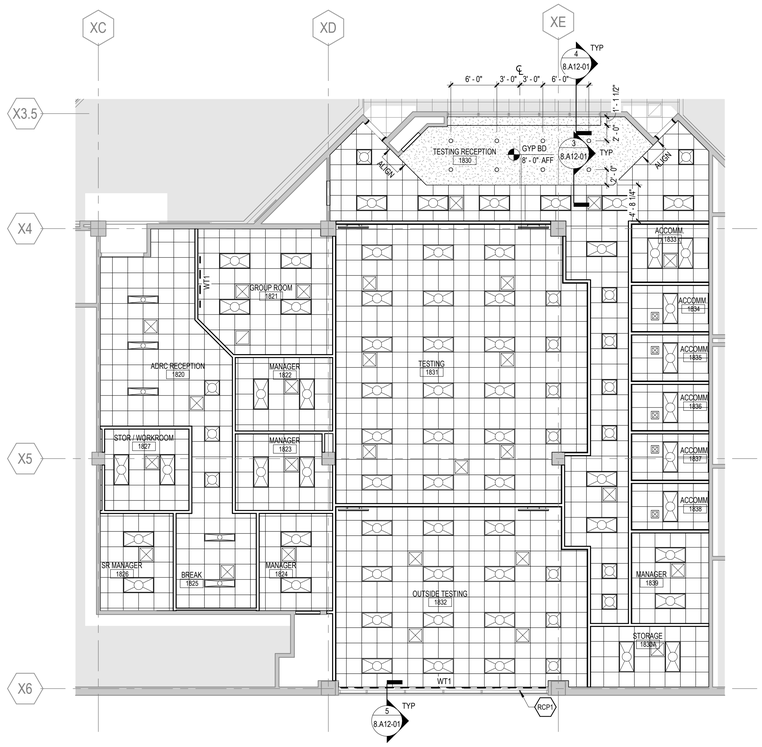
2 TECH HUB REFLECTED CEILING PLAN
1/8" = 1'-0"



4 CEILING TRANSITION DETAIL
SCALE 1 1/2" = 1'-0"



3 CEILING TRANSITION DETAIL
SCALE 1 1/2" = 1'-0"



1 ADRC & TESTING CENTER REFLECTED CEILING PLAN
1/8" = 1'-0"

0 2' 4' 8' 16'
Scale: 1/8" = 1' - 0"

REFLECTED CEILING PLAN GENERAL NOTES

1. ALL CEILING HEIGHTS TO BE 9'-3", UNO.
2. ALL CEILINGS TO BE TYPE ACT1, UNO.
3. GYPSUM BOARD CEILINGS AND SOFFITS TO BE PAINTED PNT1, UNO.
4. OPEN-TO-STRUCTURE AREAS (NO CEILING), INCLUDING OVERHEAD MEPFP SYSTEMS, SHALL BE PAINTED PNT1, UNO.
5. CENTER FIXTURES, DEVICES AND OTHER ELEMENTS IN ACOUSTIC PANEL(S) IN BOTH DIRECTIONS, UNLESS OTHERWISE NOTED.
6. LIGHTING FIXTURES ARE DIMENSIONED TO CENTER OF FIXTURE, UNLESS NOTED OTHERWISE.
7. LAY DIRECTIONAL PATTERN CEILING PANEL OR TILE ONE WAY WITH PATTERN AS INDICATED BY ARCHITECT UNLESS OTHERWISE NOTED.
8. LOCATE ACCESS PANELS AS INDICATED ON THE DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. FIELD VERIFY LOCATION OF ACCESS PANELS, AND MARK ON SLAB FOR ARCHITECT'S REVIEW. ENSURE ALL ABOVE-CEILING MEPFP DEVICES WHICH MAY REQUIRE SERVICE OR MAINTENANCE ARE ACCESSIBLE.
9. ALL VISIBLE SURFACES, DEVICES AND EQUIPMENT INSIDE DUCTWORK OR SUPPLY/RETURN REGISTERS SHALL BE PAINTED NON-SPECULAR BLACK.
10. CEILING SUPPORT SYSTEMS ARE NOT DESIGNED OR INTENDED TO SUPPORT THE WEIGHT OF ADDITIONAL EQUIPMENT, CABLE, CONDUIT, LIGHTS, MECHANICAL EQUIPMENT OR OTHER CONSTRUCTION. SUPPORT THESE ITEMS INDEPENDENTLY FROM THE STRUCTURE ABOVE.
11. DO NOT HANG (SUPPORT) ANY ITEMS FROM METAL ROOF DECK..

LEGEND

- NOT IN CONTRACT
- GYPSUM BOARD CEILING / SOFFIT
- ACOUSTICAL PANEL CEILING
- XXX-X / 7' - 0" AFF — CEILING MATERIAL CODE (REFER TO FINISH SCHEDULES) / CEILING HEIGHT
- WT1 — WINDOW TREATMENT - REFER TO FINISH SCHEDULE
- CJ — GYPSUM BOARD CONTROL JOINT

REFLECTED CEILING PLAN KEYNOTES

⬡	<<< Indicates Sheet Keynote on Plan
RCP1	PATCH SOFFIT AT LOCATION OF REMOVED SOFFIT; PATCH TO MATCH EXISTING ADJACENT

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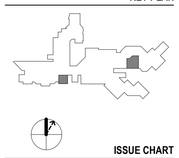
OAKTON COLLEGE

ADDENDUM 01 07 OCTOBER 2024

KEY PLAN



ISSUE CHART

MARK	ISSUE	DATE
2	ADDENDUM 01	07 OCT 24
1	ISSUED FOR BID	23 SEP 24

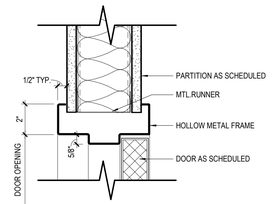
Job Number 021074.000

TITLE

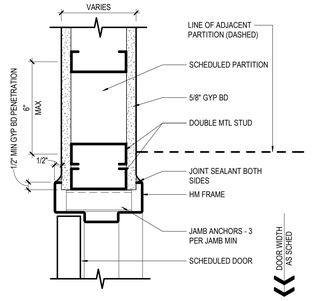
REFLECTED CEILING PLANS & DETAILS

SHEET NUMBER

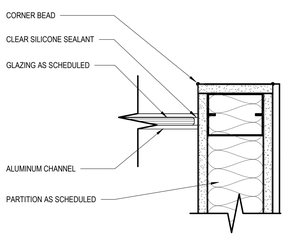
8.A12-01



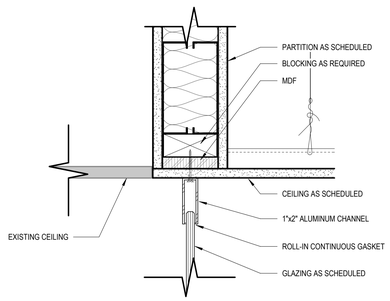
4 DETAIL - HM FRAME HEAD, TYP
SCALE 3" = 1'-0"



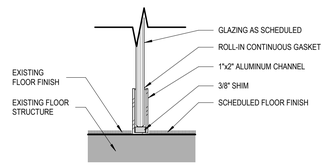
2 DETAIL - HM DOOR JAMB, TYP.
SCALE 3" = 1'-0"



5 TYP PLAN DETAIL GLASS PARTITION
SCALE 3" = 1'-0"



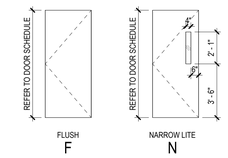
3 TYP HEAD DETAIL GLASS PARTITION
SCALE 3" = 1'-0"



1 BASE DETAIL GLASS PARTITION
SCALE 3" = 1'-0"

DOOR SCHEDULE - ADJACENCIES RENOVATIONS PHASE 1														
DOOR NO	ROOM NAME	FIRE RATING	OPENING SIZE		DOOR			FRAME			DETAILS		HARDWARE SET NO	REMARKS
			WIDTH	HEIGHT	TYPE	MATL	FINISH	TYPE	MATL	FINISH	HEAD	JAMB		
1820.A	ADRC RECEPTION	-	3' - 0"	9' - 1"	F	HM	PT	ETR (2)	HM	PT	4 / 8.A62-01	2 / 8.A62-01	E1.00	AUTOMATIC WAVE OPERATOR
1821.A	GROUP ROOM	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	4.01	
1822.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
1823.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
1824.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
1826.A	SR MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
1827A	STOR / WRKROOM	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
1830.A	TESTING RECEPTION	-	3' - 0"	9' - 1"	N	HM	PT	ETR	HM	PT	-	-	E1.01	AUTOMATIC PUSH PAD OPERATOR
1830.B	TESTING RECEPTION	-	3' - 0"	9' - 1"	N	HM	PT	ETR	HM	PT	-	-	E1.01	AUTOMATIC PUSH PAD OPERATOR
1830A.A	STORAGE	-	3' - 0"	7' - 0"	F	HM	PT	F1	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.01	
1830B.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	HM	PT	ETR	HM	PT	-	-	3.01	
1830C.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	HM	PT	ETR	HM	PT	-	-	3.00	
1831.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-18	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.00	
1831.B	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-12	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.00	
1832.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-12	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.00	
1832.B	OUTSIDE TESTING	-	3' - 0"	7' - 0"	F	HM	PT	F1	HM	PT	4 / 8.A62-01	2 / 8.A62-01	4.00	
1833.A	ACCOMM.	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-36	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1834.A	ACCOMM.	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1835.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1836.A	ACCOMM.	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1837.A	TESTING RECEPTION	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1838.A	ACCOMM.	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
1839.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-48	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2260.A	DEMONSTRATION / WORKSTATIONS	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-24	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.02	
2262.A	COLLAB	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-36	HM	PT	4 / 8.A62-01	2 / 8.A62-01	1.01	
2263.A	WORKROOM	-	3' - 0"	7' - 0"	F	HM	PT	F2-12	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2264.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-48	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2265.A	DIRECTOR	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-48	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2266.A	DEMONSTRATION / WORKSTATIONS	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-48	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2267.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-48	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2268.A	MANAGER	-	3' - 0"	7' - 0"	F	WD	PREFIN	F2-12	HM	PT	4 / 8.A62-01	2 / 8.A62-01	2.00	
2269.A	DEMONSTRATION / WORKSTATIONS	-	3' - 3 15/16"	7' - 7"	CW	-	-	-	-	-	-	-	5.00	DOOR & HARDWARE WITHIN CURTAIN WALL SYSTEM

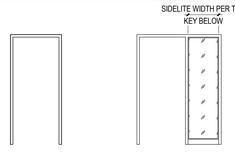
DOOR TYPES



DOOR SCHEDULE GENERAL NOTES

1. GLAZING IN FIRE RESISTANCE RATED DOORS SHALL MATCH THE FIRE RESISTANCE RATING OF THE DOOR.
2. ALL DOORS TO HAVE BOXED HEADERS UNLESS STEEL CHANNELS ARE INDICATED IN THE REMARKS COLUMN OF THE DOOR SCHEDULE OR UNLESS OTHERWISE INDICATED BY HEAD DETAIL.
3. GLAZING IN DOORS SHALL BE CLEAR TEMPERED UNLESS NOTED OTHERWISE.

FRAME TYPES



F2-12	12" SIDELITE
F2-18	18" SIDELITE
F2-24	24" SIDELITE
F2-36	36" SIDELITE
F2-48	48" SIDELITE

GLAZING SCHEDULE

TAG	TYPE	MFR (BASIS OF DESIGN)	DESCRIPTION / COLOR	THK	COMMENTS
GL-1	LAMINATED	-	CLEAR	3/8"	
GL-2	VISION UNIT	GUARDIAN	CLEAR; TEMPERED	3/8"	

SPEC SECTION	MARK	BASIS OF DESIGN MANUFACTURER	PRODUCT / STYLE	COLOR	TYPICAL LOCATIONS	NOTES
CASEWORK AND WOODWORK						
06 62 20	PL1	WILSONART	PLASTIC LAMINATE	KENSINGTON MAPLE 10776-60	TYPICAL BASE AND UPPER CABINETS	WOOD EFFECT
06 62 20	PL2	PIONITE	PLASTIC LAMINATE	AV971 MOONLIGHTING PAPEL	WORK SURFACE COUNTER TOPS	
06 40 00	WD1	CHICAGO DOORWAYS	PLAIN SLICED WHITE MAPLE	MATCH EXISTING DOORS	DOORS	GARDALL FINISH TO MATCH SAMPLE N2759-18GL
06 61 17	SS1	AVONITE SURFACES	SOLID SURFACE	7842 SATIN	BREAK ROOM COUNTERTOPS	EASED EDGES
CEILINGS						
09 51 00	ACT1	CERTAINTEED	24" X 24" - SYMPHONY M BEVELED, WHITE		TYPICAL ACOUSTIC PANEL CEILING	
09 51 00			CHANNEL SLOT SYSTEM			
FLOORING AND BASE						
09 65 19	RT1	ARMSTRONG FLOORING	PARALLEL USA 12	HAVANA HEATHER JS262	18"x18" QUARTER TURN	PROVIDE MOISTURE MITIGATION ACCORDING TO TESTING PER SPEC
09 65 13	RB1	TARKETT	JOHNSONITE STANDARD WALL BASE 4"	ARCHITECT TO SELECT FROM MANUF. FULL RANGE	TYPICAL THROUGHOUT	
CARPETS						
09 68 00	CPT1	SHAW CONTRACT	5T202 ACTIVE ADVANCE TILE, 12"x48" MONOLITHIC	04555 STRATEGY	OFFICE FIELD	
09 68 00	CPT2	SHAW CONTRACT	5T205 ACTIVE TURN TILE, 12"x48" MONOLITHIC	04555 STRATEGY	OFFICE ACCENT	
PAINTS						
09 91 00	PNT1	SHERWIN WILLIAMS		SW 7005 PURE WHITE	TYPICAL - WALLS & CEILINGS	
09 91 00	PNT2	SHERWIN WILLIAMS		SW 6779 LIQUID BLUE	ACCENT	
09 91 00	PNT3	SHERWIN WILLIAMS		SW 6710 MELANGE GREEN	ACCENT	
09 91 00	PNT4	BENJAMIN MOORE		BM 2135-30 NOCTURNAL GREY	DOOR FRAMES	
WINDOW SHADES						
12 24 00	WT1	DRAPER	E SCREEN - 3% OPEN	CHARCOAL/GREY	PERIMETER ROOMS	
OTHER						
08 87 00	GF1	3M	FASARA	MILKY WAY SH2MAML-1201	TYPICAL PRIVACY FILM AT TESTING	

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PROJECT

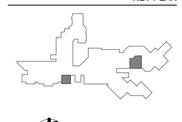
ADJACENCIES RENOVATIONS PHASE 1

DES PLAINES CAMPUS
1600 EAST GOLF ROAD
DES PLAINES, IL, 60016

OAKTON COLLEGE

ADDENDUM 01 07 OCTOBER 2024

KEY PLAN



ISSUE CHART

MARK	ISSUE	DATE
2	ADDENDUM 01	07 OCT 24
1	ISSUED FOR BID	23 SEP 24

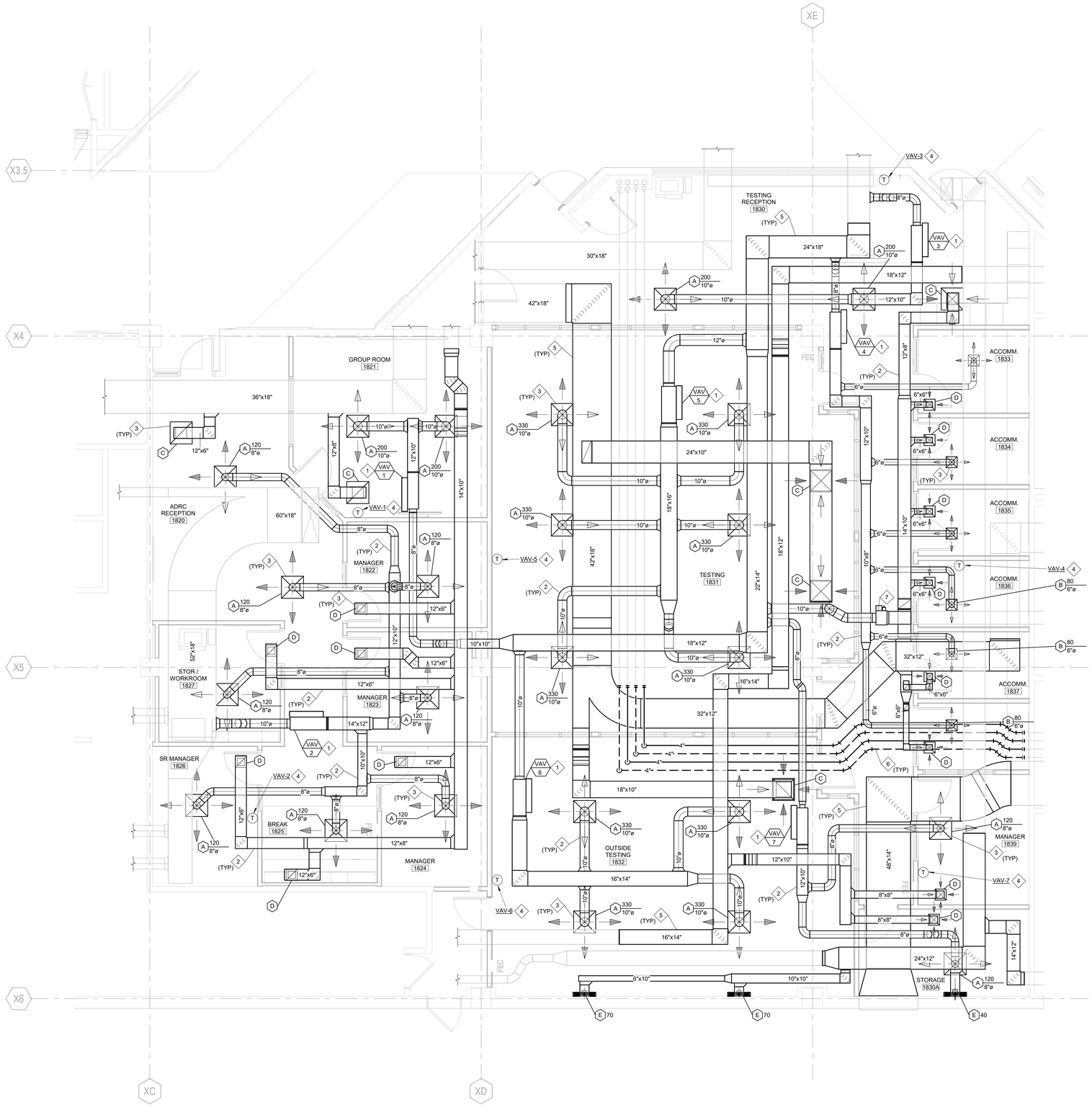
Job Number 021074.000

TITLE

FINISH SCHEDULE, DOOR SCHEDULE, LITES AND DETAILS

SHEET NUMBER

8.A62-01



2 LEVEL 01 MECHANICAL PLAN - ADRC AND TESTING

1/4" = 1'-0"

MECHANICAL INSTALLATION NOTES:

1. PROVIDE VAV BOX WITH ELECTRIC REHEAT COMPLETE WITH ALL HARDWARE, SUPPORTS, AND CONTROLS. INSTALL PER ALL MANUFACTURER RECOMMENDATIONS. COORDINATE FINAL LOCATION AND MOUNTING WITH ALL OTHER TRADES AND EXISTING CONDITIONS. MAINTAIN ALL CLEARANCES.
2. PROVIDE DUCTWORK AS INDICATED. COORDINATE FINAL ROUTING WITH ALL OTHER TRADES AND EXISTING CONDITIONS. FIELD VERIFY LOCATION AND ORIENTATION OF ALL CONNECTIONS TO EXISTING. PROVIDE BALANCING DAMPERS AT ACCESSIBLE LOCATION NEAR ALL BRANCH TAKEOFFS FOR BALANCING OF SYSTEM. NOT ALL EXISTING UTILITIES (PIPING, CONDUIT, ETC.) ARE SHOWN. COORDINATE ROUTING WITH ALL EXISTING CONDITIONS.
3. PROVIDE AIR DEVICES AS INDICATED. COORDINATE CEILING TYPE AND MOUNTING WITH ARCHITECTURAL. INSTALL PER ALL MANUFACTURERS RECOMMENDATIONS. BALANCE TO CFMS INDICATED. BALANCE RETURN GRILLES FOR NEUTRAL SPACE BALANCE.
4. PROVIDE ROOM TEMPERATURE SENSOR AS INDICATED. COORDINATE LOCATION WITH ALL SPACE FINISHES AND FURNITURE. COORDINATE FINAL LOCATION AND TYPE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
5. RE-ROUTE EXISTING DUCTS AS NECESSARY FOR FRAMING OF NEW WALLS AND COORDINATION WITH ALL NEW WORK. FIELD VERIFY ALL SIZES. FIELD VERIFY EXTENT OF RE-ROUTE NECESSARY AND LOCATIONS OF ALL CONNECTIONS TO EXISTING. COORDINATE TIMING AND DURATION OF ALL SERVICE INTERRUPTIONS TO ALL AFFECTED AREAS OF BUILDING WITH FACILITIES TEAM.
6. RE-ROUTE EXISTING HYDRONIC PIPING AS NECESSARY FOR FRAMING OF NEW WALLS AND COORDINATION WITH ALL NEW WORK. FIELD VERIFY ALL SIZES. FIELD VERIFY EXTENT OF RE-ROUTE NECESSARY AND LOCATIONS OF ALL CONNECTIONS TO EXISTING. COORDINATE TIMING AND DURATION OF ALL SERVICE INTERRUPTIONS TO ALL AFFECTED AREAS OF BUILDING WITH FACILITIES TEAM. PROVIDE DRAIN CONNECTIONS AND AIR VENTS AT ALL LOW AND HIGH POINTS CREATED BY FIELD COORDINATE RE-ROUTE.
7. RELOCATE EXISTING VAV AS NECESSARY FOR INSTALLATION OF NEW WORK AND COORDINATION OF VAV SERVICE CLEARANCE. FIELD VERIFY EXTEND OF RELOCATION NECESSARY. MODIFY DUCTS, WIRING, ETC. AS NECESSARY FOR RELOCATION. EXISTING VAV IS 8" INLET TITUS DESV 27TV1PH WITH 2KW SCR REHEAT. FIELD VERIFY ALL VAV DATA. REBALANCE TO EXISTING FLOWRATE OF 550 CFM (FIELD VERIFY).

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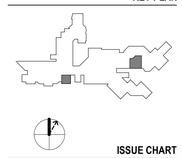
OAKTON COLLEGE

ADDENDUM 1 7 OCTOBER 24

KEY PLAN



ISSUE CHART

MARK	ISSUE	DATE
1	ADDENDUM 1	07 OCT 24
	ISSUED FOR BID	23 SEP 24

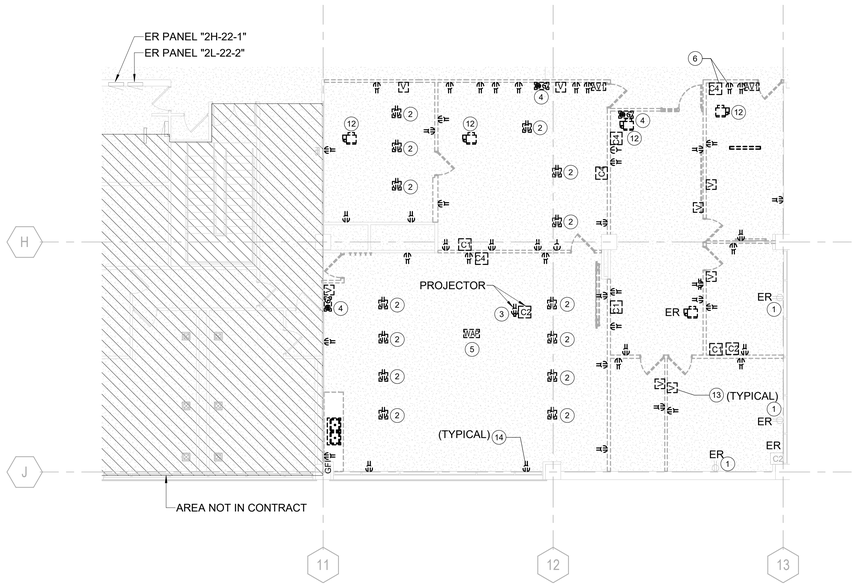
Job Number 021074.000

TITLE

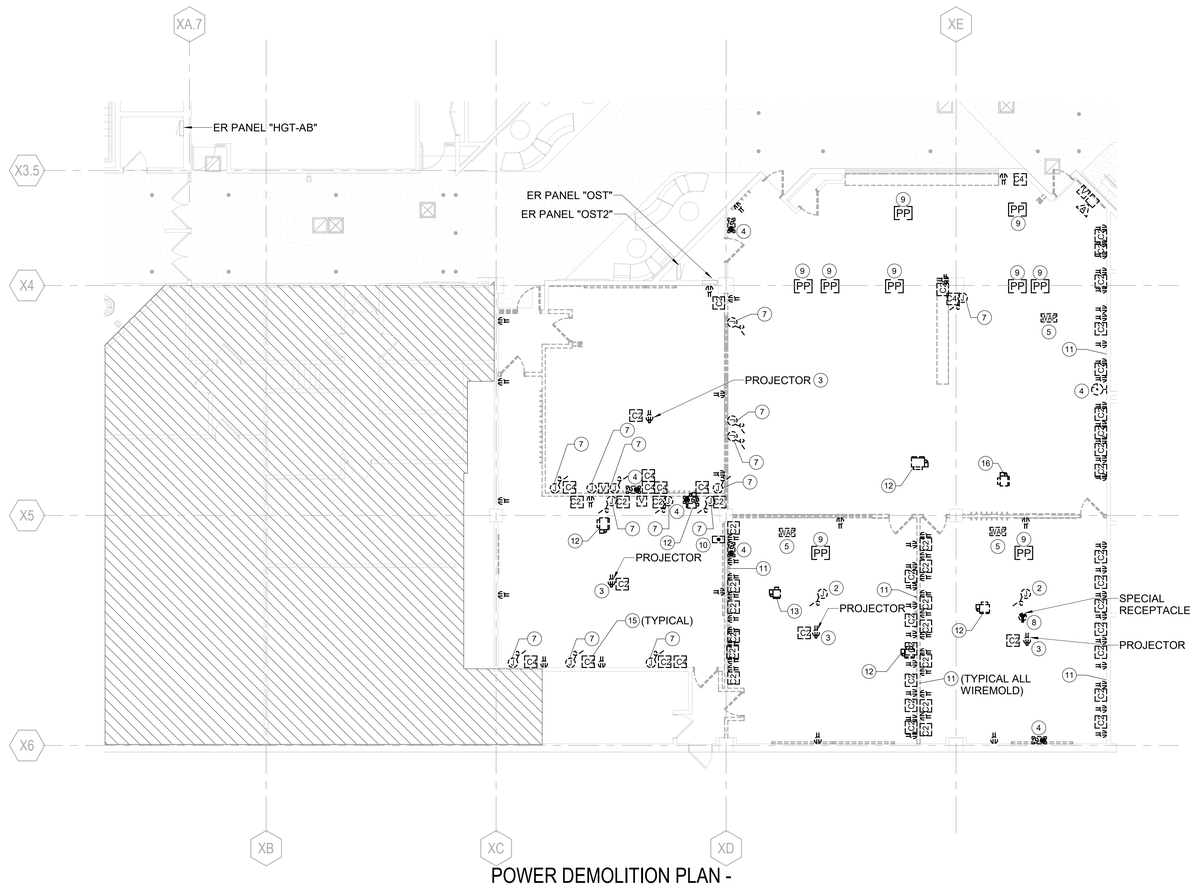
MECHANICAL PLAN - PHASE 1

SHEET NUMBER

M10-01



1 POWER DEMOLITION PLAN - TECH HUB
1/8" = 1'-0"



2 POWER DEMOLITION PLAN - ADRC/TESTING
1/8" = 1'-0"

ELECTRICAL DEMOLITION NOTES (#)

1. EXISTING RECEPTACLE SHALL REMAIN. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP DEVICE ENERGIZED.
2. DISCONNECT AND REMOVE EXISTING FLOORBOX/POKE THRU COMPLETE. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. PATCH AND REPAIR FLOOR AS REQUIRED UPON REMOVAL. COORDINATE ADDITIONAL FLOOR REPAIR WITH ARCHITECT AS REQUIRED. EC TO VERIFY QUANTITIES IN FIELD PRIOR TO START OF WORK. PATCH AND REPAIR FLOOR AND CEILING BELOW AS REQUIRED. INSTALL REBAR IN REMAINING HOLE AND PATCH FLOOR WITH CONCRETE. GRIND FLOOR SMOOTH TO MATCH REST OF THE AREA. COORDINATE WORK WITH ARCHITECT.
3. DISCONNECT AND REMOVE EXISTING RECEPTACLE FOR EXISTING PROJECTOR. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. REMOVE DATA CABLING BACK TO DATA RACK SERVING DEVICE.
4. DISCONNECT AND REMOVE EXISTING CLOCK/SPEAKER UNIT. DISCONNECT AND REMOVE EXISTING BACKBOX AND CONDUIT COMPLETE. WIRING TO BE REMOVED BY LOW VOLTAGE CONTRACTOR. BYPASS EXISTING CLOCK CIRCUITS AND SPEAKER CABLING AS REQUIRED TO KEEP EXISTING DEVICES IN CIRCUIT OPERATIONAL.
5. WIRELESS ACCESS POINT (WAP) TO BE DISCONNECTED AND REMOVE. DISCONNECT AND REMOVE RELATED DATA JACK AND CABLING BACK TO DATA RACK SERVING WAP. WIRELESS ACCESS POINT DEVICE, DEVICE MOUNTING BRACKET, AND RELATED PATCH CORDS TO BE TURNED OVER TO THE OWNER.
6. DISCONNECT AND REMOVE EXISTING TV AND ASSOCIATED POWER, DATA, HDMI, ETC., COMPLETE. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. REMOVE EXISTING CABLING BACK TO SOURCE.
7. DISCONNECT AND REMOVE EXISTING JUNCTION BOX AND WHIP COMPLETE. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. REMOVE DATA CABLING BACK TO DATA RACK SERVING COMPUTERS.
8. DISCONNECT AND REMOVE EXISTING CEILING MOUNTED SPECIAL RECEPTACLE.DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. REMOVE DATA CABLING BACK TO DATA RACK SERVING COMPUTERS.
9. DISCONNECT AND REMOVE EXISTING POWER POLE. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN CIRCUIT ENERGIZED. RETURN POWER POLES TO OWNER. REMOVE DATA CABLING BACK TO DATA RACK SERVING POWER POLE. REPAIR FLOOR AND CEILING UPON REMOVAL OF POWER POLE.
10. DISCONNECT AND REMOVE EXISTING PUSHBUTTON COMPLETE. DISCONNECT AND REMOVE EXISTING CONDUIT AND CABLING AS REQUIRED.
11. DISCONNECT AND REMOVE EXISTING RECEPTACLES AND DATA JACKS. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN EXISTING CIRCUIT ENERGIZED. REMOVE DATA CABLING BACK TO DATA RACK SERVING DEVICE. EC SHALL CONFIRM QUANTITIES OF RECEPTACLES AND DATA JACKS IN FIELD PRIOR TO DELIVERY OF BIDS.
12. DISCONNECT AND REMOVE EXISTING POWER FROM EXISTING VAV UNIT COMPLETE. DISCONNECT AND REMOVE EXISTING CONDUIT, WIRES, AND DISCONNECT SWITCH BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRES AS REQURIED TO KEEP EXISTING TO REMAIN DEVICES IN CIRCUIT ENERGIZED.
13. DISCONNECT AND REMOVE EXISTING FIRE ALARM DEVICE. DISCONNECT AND REMOVE EXISTING FIRE ALARM CABLING AND CONDUIT BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CABLE AND CONDUIT AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES IN CIRCUIT ENERGIZED.
14. DISCONNECT AND REMOVE EXISTING RECEPTACLE. DISCONNECT AND REMOVE EXISTING CONDUIT AND WIRES BACK TO NEAREST UNAFFECTED JUNCTION BOX. BYPASS EXISTING CONDUIT AND WIRING AS REQUIRED TO KEEP EXISTING TO REMAIN DEVICES ENERGIZED.
15. DISCONNECT AND REMOVE EXISTING DATA JACK. DISCONNECT AND REMOVE CABLE AND CONDUIT BACK TO DATA RACK SERVING DEVICE.
16. TEMPORARILY DISCONNECT AND REMOVE EXISTING POWER FROM EXISTING VAV FOR RECONNECITON AT NEW LOCATION. TEMPORARILY DISCONNECT AND REMOVE EXISTING CONDUIT, WIRES, AND DISCONNECT SWITCH AS REQUIRED.

GENERAL CEILING DEVICE DEMOLITION NOTE:

ALL CEILING MOUNTED ELECTRICAL DEVICES INCLUDING BUT NOT LIMITED TO FIRE ALARM SYSTEM DEVICES, INTERCOM SYSTEM DEVICES, SECURITY INTRUSION SYSTEM DEVICES, SECURITY CAMERAS, WIRELESS ACCESS POINT (WAP) DEVICES, ETC... MAY NOT BE SHOWN ON THESE DRAWINGS. IT IS THE INTENT TO REMOVE THESE DEVICES AND THEIR RELATED MOUNTING BRACKETS AS REQUIRED FOR THE DEMOLITION AND INSTALLATION OF NEW CEILING SYSTEMS. DEVICES SHALL BE RETAINED AND RETURNED TO THE OWNER UPON REMOVAL. CONTRACTOR SHALL INSPECT THE CONDITION AND OPERATION OF DEVICES TO BE REMOVED PRIOR TO PERFORMING WORK AND REPORT TO THE ARCHITECT AND OWNER OF ANY DEVICES THAT ARE NON-OPERATIONAL. IF THIS IS NOT COMPLETED, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REPLACE DAMAGED DEVICES WITH NEW TO MATCH. ALL ASSOCIATED RACEWAY AND WIRING TO BE REMOVED BACK TO HEADEND EQUIPMENT SERVING DEVICES. CONTRACTOR SHALL VERIFY QUANTITY OF DEVICES IN FIELD PRIOR TO BIDDING.

CARD DIRECTORY NOTE:

TYPICAL FOR PANELS AFFECTED BY DEMOLITION/NEW WORK. MODIFY PANEL CARD DIRECTORIES TO REFLECT MODIFICATIONS MADE TO PANEL. TRACE OUT ALL EXISTING TO REMAIN CIRCUITS. LABEL BREAKERS NO LONGER SERVING LOADS AS "SPARE". PROVIDE A NEW TYPED CARD DIRECTORY. DO NOT HAND WRITE DIRECTORIES OR MODIFY EXISTING ONES. (TYPICAL FOR ALL PANELS AFFECTED BY DEMOLITION/NEW WORK)

EXISTING FIRE ALARM CABLING NOTE:

EXISTING TO REMAIN FREE AIR FIRE ALARM CABLES LOCATED ABOVE CEILING SHALL BE REINSTALLED IN CONDUIT. EC SHALL REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ALLOWANCE AMOUNT. REFER TO SHEET E51-01 FOR FURTHER INFORMATION.

GENERAL DEMOLITION NOTE:

ALL ELECTRICAL DEVICES INCLUDING BUT NOT LIMITED TO RECEPTACLES, POWER POLES, FLOORBOXES, DATA JACKS, CONDUIT, CLOCK/SPEAKERS, FIRE ALARM DEVICES, ETC... MAY NOT BE SHOWN ON THESE DRAWINGS. IT IS THE INTENT TO REMOVE THESE DEVICES FOR DEMOLITION UNLESS NOTED OTHERWISE. ALL ASSOCIATED RACEWAY AND WIRING TO BE REMOVED BACK TO NEAREST UNAFFECTED JUNCTION BOX. CONTRACTOR SHALL VERIFY QUANTITY OF DEVICES IN FIELD PRIOR TO BIDDING.

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Oakton College
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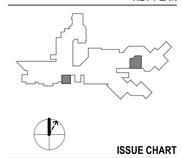
ADDENDUM 1 7 OCTOBER 24

KEY PLAN



ISSUE CHART

MARK	ISSUE	DATE
1	ADDENDUM 1	07 OCT 24
	ISSUED FOR BID	23 SEP 24

Job Number 021074.000

TITLE

ELECTRICAL DEMOLITION PLANS - PHASE 1

SHEET NUMBER

E04-01

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ELECTRICAL PLAN NOTES (X)

1. FURNISH AND INSTALL NEW FLEXIBLE LIQUIDTIGHT CONDUIT AND WIRES TO JUNCTION BOX IN WALL FOR MODULAR FURNITURE. LOCATE SO AS NOT TO BE BURIED BY FURNITURE WALLS. PROVIDE CONNECTION TO MODULAR FURNITURE TERMINAL BLOCKS. "THREE-CIRCUIT, SEPARATE NEUTRALS" WIRING DIAGRAM FROM MANUFACTURER SHALL BE THE BASIS OF DESIGN. UNDER NO CIRCUMSTANCES ARE SHARED NEUTRALS BETWEEN CIRCUITS ALLOWED. CONDUIT SHALL BE A MINIMUM SIZE 3/4". VERIFY POINTS OF CONNECTION, COMPATIBLE CONDUIT SIZE, QUANTITIES REQUIRED, AND FINAL WIRING SCHEMATIC WITH MANUFACTURER PRIOR TO SHOP DRAWING PHASE. PROVIDE MULTIPLE FEEDS AS REQUIRED. PROVIDE ALL REQUIRED HARDWARE. COORDINATE ALL WORK REQUIRED WITH FURNITURE MANUFACTURER. EC SHALL HAVE THE OPTION TO USE SURFACE MOUNTED WIREMOLD TYPE RACEWAYS AS REQUIRED PER ARCHITECT'S DIRECTION IF CONCEALED RACEWAY IS NOT POSSIBLE. PAINT RACEWAY TO MATCH EXISTING WALLS AS REQUIRED. COORDINATE COLOR WITH ARCHITECT.

2. FURNISH AND INSTALL JUNCTION BOX AND FLEXIBLE LIQUIDTIGHT CONDUIT TO ROUTE DATA CABLE AT POWERED DESK LOCATIONS. LOCATE SO AS NOT TO BE BURIED BY FURNITURE WALLS. IF DATA JACKS CAN BE MOUNTED TO FURNITURE, FURNISH AND INSTALL HUBBELL MOUNTING FRAME WITH FACEPLATE AND WITH (2) CAT-6A DATA JACKS INSTALLED. PROVIDE HUBBELL #ISB4 SERIES SURFACE MOUNTED BACK BOX IF MOUNTING FRAME WILL NOT FIT FLUSHED MOUNTED ONTO FURNITURE WALL. INSTALL MOUNTING FRAME IN MOUNTING BRACKET IN FURNITURE. ROUTE CABLING INSIDE OF FURNITURE WALL. CONTRACTOR SHALL COORDINATE ALL CONNECTIONS AND MOUNTINGS REQUIRED WITH THE OWNER/ARCHITECT AND FINAL FURNITURE SELECTIONS/MANUFACTURER. INCLUDE ADDITIONAL CABLE LENGTH, COILED ABOVE CEILING, OF 10' EACH FOR FUTURE RELOCATION. CONDUIT SHALL BE A MINIMUM SIZE 1". COORDINATE CONDUIT QUANTITIES REQUIRED, COMPATIBLE CONDUIT SIZES, AND REQURIEMENTS WITH MANUFACTURER AND CABLE MANUFACTURER CONDUIT FILL REQUIREMENTS PRIOR TO SHOP DRAWING PHASE. REFER TO LOW VOLTAGE DETAILS.

3. FURNISH AND INSTALL DUPLEX RECEPTACLE IN LEGRAND EVOLUTION EFSB4 IN-WALL BOX BEHIND MONITOR. CONNECT TO POKE THRU "PT-4" FOR ACCESSING POWER CIRCUIT, DATA, AND AV CONDUIT SYSTEM AND ASSOCIATED DEVICES. COORDINATE WALL BOX LOCATION WITH OWNER PROVIDED DISPLAY AND MOUNT INSTALLATION LOCATION. COORDINATE ALL REQUIREMENTS WITH OWNER/IT DEPARTMENT. VERIFY RECEPTACLE/DATA/AV MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO LOW VOLTAGE DRAWINGS AND DETAILS FOR FURTHER REQUIREMENTS.

4. FURNISH AND INSTALL LEGRAND EVOLUTION FIRE RATED SERIES POKE THRU DEVICE WITH MOUNTING BRACKET AND DECORA STYLE PLATES FOR EACH COMPONENT. VERIFY POKE THRU LOCATION AND FINISH WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. COORDINATE WITH TECHNOLOGY CONTRACTOR AS REQURIED FOR BOX CONDUIT AND INSTALLATION. COORDINATE ALL REQUIREMENTS INCLUDING BUT NOT LIMITED TO DEVICES AND MOUNTING PLATES REQUIRED WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ORDERING. BOX TO INCLUDE A MINIMUM OF (2) DUPLEX RECEPTACLES, (4) DATA JACKS AND CABLES, AV AND CABLES, AND HDBASET. POKE THRU SHALL INCLUDE (1) CONTROLLED DUPLEX RECEPTACLE CONTROLLED VIA LOCAL LIGHTING CONTROLS. RADAR SCAN FLOOR FOR CONTENTS AND SURVEY ABOVE CEILING CONDITIONS BELOW FOR CONTENTS AND UPON DETERMINING THAT AREA IS CLEAR OF PIPING, CORE AND REMOVE FLOOR AS REQUIRED FOR NEW POKE THRU AND RACEWAY SYSTEM. CONNECT TO AREA CIRCUIT OF SUFFICIENT SIZE OR AS SHOWN. TRANSITION TO METALLIC RACEWAY UP INSIDE WALL. SET POKE THRU LEVEL AND FLUSH WITH FINAL FINISHED FLOOR MATERIAL MOUNTING HEIGHT. COORDINATE FLOOR MATERIAL TYPE AND THICKNESS WITH ARCHIECT. PATCH AND REPAIR FLOOR AS REQUIRED. REMOVE ALL SPOILS AND DEBRIS FROM SITES ABOVE AND BELOW. PROVIDE PROTECTION TO AREAS BELOW WHEN CORING AND INSTALLING DEVICE. PATCH AND REPAIR EXISTING CEILING BELOW AS REQUIRED. COORDINATE WORK REQUIRED WITH ARCHITECT. REFER TO LOW VOLTAGE DRAWINGS AND DETAILS FOR LOW VOLTAGE CONDUIT SIZES AND REQUIREMENTS. REFER TO FLOORBOX/POKE THRU SCHEDULE FOR MAKE AND MODEL NUMBER. CONTROLLED RECEPTACLE SHALL HAVE PERMANENT MARKING INDICATING CONTROLLED STATUS PER IECC 2021 REQUIREMENTS.

5. COORDINATE MOUNTING HEIGHT OF KITCHENETTE RECEPTACLES WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.

6. FURNISH AND INSTALL SPLIT CONTROLLED RECEPTACLE (DUPLEX OR QUAD AS SHOWN) WITH NEW BRANCH CIRCUIT AS SHOWN. CLEARLY MARK CONTROLLED PORTION OF RECEPTACLE PER IECC 2021. PROVIDE FULLY CONTROLLED RECEPTACLES FOR USB AND GFCI TYPE RECEPTACLES. REFER TO DETAIL ON SHEET E41-01 FOR ADDITIONAL INFORMATION.

7. FURNISH AND INSTALL NEW LEGRAND EVOLUTION FIRE RATED SERIES POKE THRU DEVICE FOR FURNITURE POWER FEED TO MODULAR FURNITURE. VERIFY POKE THRU LOCATION AND FINISH WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. COORDINATE WITH TECHNOLOGY CONTRACTOR AS REQUIRED FOR BOX CONDUIT AND INSTALLATION. COORDINATE ALL REQUIREMENTS WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ORDERING. RADAR SCAN FLOOR FOR CONTENTS AND SURVEY ABOVE CEILING CONDITIONS BELOW FOR CONTENTS AND UPON DETERMINING THAT AREA IS CLEAR OF PIPING, CORE AND REMOVE FLOOR AS REQUIRED FOR NEW POKE THRU AND RACEWAY SYSTEM. CONNECT TO AREA CIRCUIT OF SUFFICIENT SIZE OR AS SHOWN. TRANSITION TO METALLIC RACEWAY UP INSIDE WALL. SET POKE THRU LEVEL AND FLUSH WITH FINAL FINISHED FLOOR MATERIAL MOUNTING HEIGHT. COORDINATE FLOOR MATERIAL TYPE AND THICKNESS WITH ARCHIECT. PATCH AND REPAIR FLOOR AS REQUIRED. REMOVE ALL SPOILS AND DEBRIS FROM SITE ABOVE AND BELOW. PROVIDE PROTECTION TO AREAS BELOW WHEN CORING AND INSTALLING DEVICE. PATCH AND REPAIR CEILING BELOW AS REQUIRED. COORDINATE WORK REQUIRED WITH ARCHITECT. FURNISH AND INSTALL FLEXIBLE LIQUIDTIGHT CONDUIT TO ROUTE POWER AND DATA CABLE TO MODULAR FURNITURE TERMINAL BLOCKS. "THREE CIRCUIT-SEPARATE NEUTRALS (3+1)" WIRING DIAGRAM FROM MANUFACTURER SHALL BE THE BASIS OF DESIGN. CONDUIT SHALL BE A MINIMUM SIZE 3/4" FOR POWER. VERIFY POINTS OF CONNECTION, COMPATIBLE CONDUIT SIZES REQUIRED, QUANTITY OF CONDUITS REQUIRED, AND FINAL WIRING SCHEMATIC WITH MANUFACTURER PRIOR TO START OF WORK. PROVIDE MULTIPLE FEEDS AND POKE THRU'S AS REQUIRED. PROVIDE ALL REQUIRED HARDWARE. COORDINATE ALL WORK REQUIRED WITH FURNITURE MANUFACTURER. REFER TO FLOORBOX SCHEDULE FOR MAKE AND MODEL NUMBER.

8. INTEGRAL RECEPTACLES PROVIDED BY OTHERS IN MODULAR FURNITURE. EACH WORKSTATION COMES WITH (2) DUPLEX HARDWIRED RECEPTACLES. (1) DUPLEX RECEPTACLE PER WORKSTATION SHALL BE A PERMANENTLY MARKED CONTROLLED RECEPTACLE CONTROLLED VIA LOCAL LIGHTING CONTROLS. COORDINATE FINAL RECEPTACLE COUNT WITH FURNITURE MANUFACTURER PRIOR TO START OF WORK.

9. COORDINATE FINAL LOCATION OF NLIGHT ECLYPSE CONTROLLER IN FIELD PRIOR TO INSTALLATION.

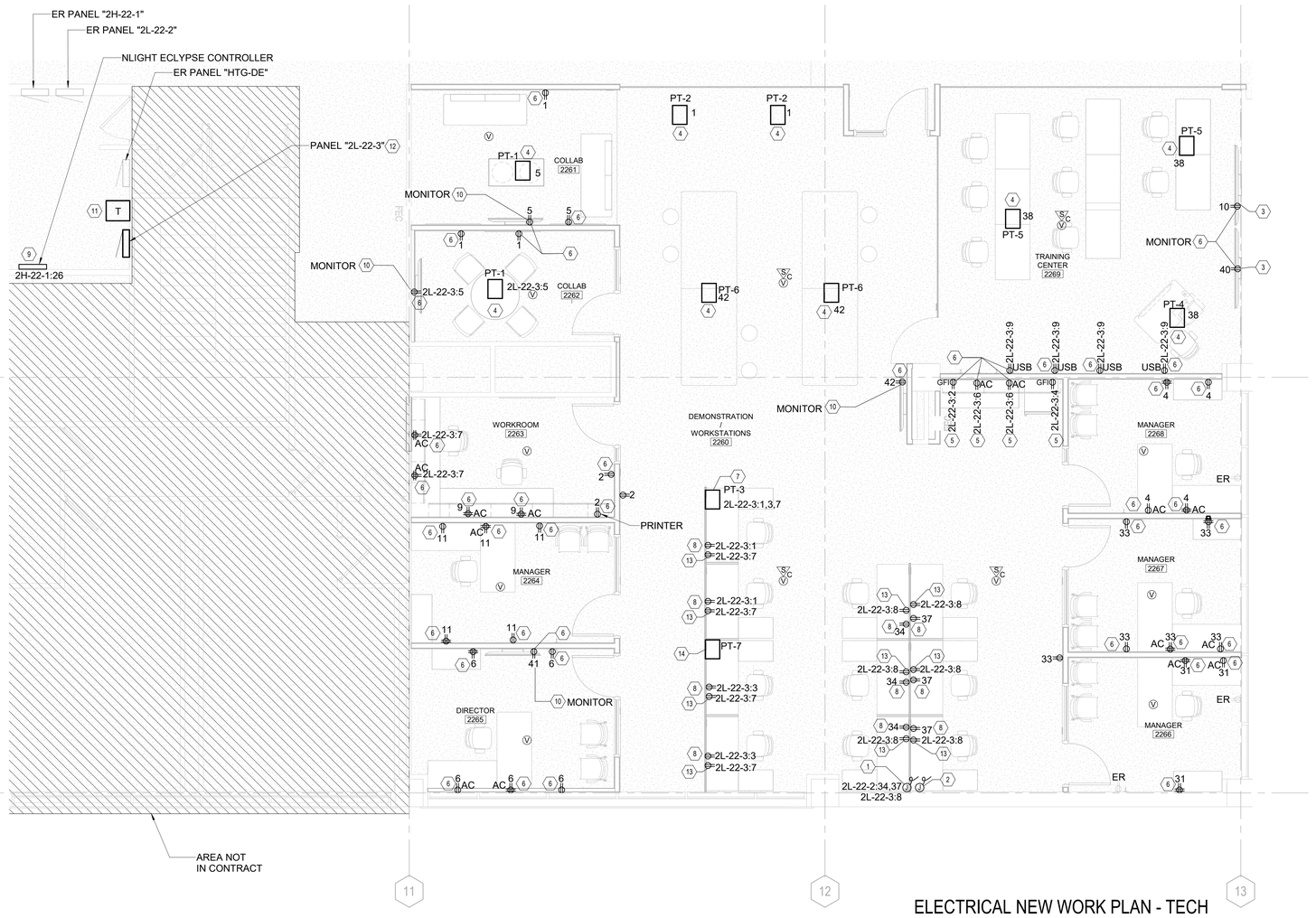
10. FURNISH AND INSTALL DUPLEX RECEPTACLE IN LEGRAND EVOLUTION EFSB IN-WALL BOX BEHIND MONITOR AND CHIEF CHPAC526FWP4 IN-WALL BOX BELOW. COORDINATE WALL BOX LOCATIONS WITH OWNER PROVIDED DISPLAY AND MOUNT INSTALLATION LOCATION. COORDINATE ALL REQUIREMENTS WITH OWNER/IT DEPARTMENT. VERIFY RECEPTACLE/DATA/AV MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN. REFER TO LOW VOLTAGE DRAWINGS AND DETAILS FOR FURTHER REQUIREMENTS.

11. FURNISH AND INSTALL NEW WALL MOUNTED 15KVA 480V/208V TRASNFORMER. REFER TO RISER DIAGRAM FOR COMPLETE ELECTRICAL DETAILS. COORDINATE FINAL LOCATION IN FIELD PRIOR TO INSTALLATION.

12. FURNISH AND INSTALL NEW PANELBOARD. REFER TO RISER DIAGRAM FOR COMPLETE ELECTRICAL DETAILS. COORDINATE FINAL LOCATION IN FIELD PRIOR TO INSTALLATION.

13. WORKSTATION RECEPTACLE SHALL BE CONTROLLED VIA LOCAL LIGHTING CONTROLS.

14. FURNISH AND INSTALL LEGRAND EVOLUTION FIRE RATED SERIES POKE THRU DEVICE WITH MOUNTING BRACKET AND DECORA STYLE PLATES FOR EACH COMPONENT. VERIFY POKE THRU LOCATION AND FINISH WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. COORDINATE WITH TECHNOLOGY CONTRACTOR AS REQURIED FOR BOX CONDUIT AND INSTALLATION. COORDINATE ALL REQUIREMENTS INCLUDING BUT NOT LIMITED TO DEVICES AND MOUNTING PLATES REQUIRED WITH OWNER AND TECHNOLOGY CONTRACTOR PRIOR TO ORDERING. BOX TO INCLUDE A MINIMUM OF (8) DATA JACKS AND CABLES. RADAR SCAN FLOOR FOR CONTENTS AND SURVEY ABOVE CEILING CONDITIONS BELOW FOR CONTENTS AND UPON DETERMINING THAT AREA IS CLEAR OF PIPING, CORE AND REMOVE FLOOR AS REQUIRED FOR NEW POKE THRU AND RACEWAY SYSTEM. CONNECT TO AREA CIRCUIT OF SUFFICIENT SIZE OR AS SHOWN. TRANSITION TO METALLIC RACEWAY UP INSIDE WALL. SET POKE THRU LEVEL AND FLUSH WITH FINAL FINISHED FLOOR MATERIAL MOUNTING HEIGHT. COORDINATE FLOOR MATERIAL TYPE AND THICKNESS WITH ARCHIECT. PATCH AND REPAIR FLOOR AS REQUIRED. REMOVE ALL SPOILS AND DEBRIS FROM SITES ABOVE AND BELOW. PROVIDE PROTECTION TO AREAS BELOW WHEN CORING AND INSTALLING DEVICE. PATCH AND REPAIR CEILING BELOW AS REQUIRED. COORDINATE WORK REQUIRED WITH ARCHITECT. REFER TO LOW VOLTAGE DRAWINGS AND DETAILS FOR LOW VOLTAGE CONDUIT SIZES AND REQUIREMENTS. REFER TO FLOORBOX/POKE THRU SCHEDULE FOR MAKE AND MODEL NUMBER.



GENERAL ELECTRICAL NOTES:

A. COORDINATE MOUNTING HEIGHT AND LOCATIONS OF RECEPTACLES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

1 ELECTRICAL NEW WORK PLAN - TECH HUB

1/4" = 1'-0"

BRANCH CIRCUIT NOTE:

ALL RECEPTACLES AND DEVICES ON THIS VIEW ARE FED FROM "2L-22-2" UNLESS NOTED OTHERWISE. ONLY BRANCH CIRCUIT NUMBERS ARE SHOWN.

REFER TO SHEET E10-03 FOR ADDITIONAL LOW VOLTAGE REQUIREMENTS.

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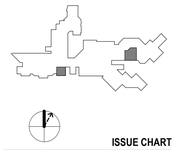

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ELECTRICAL NEW WORK PLAN - PHASE 1 - TECH HUB

SHEET NUMBER

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