

# Addendum Number 01

October 11, 2016

To Drawings and Specifications dated October 3, 2016

## Biology Lab Upgrades and Renovation College of the Mainland

Prepared by: PBK Architects, Inc.  
11 Greenway Plaza, 22<sup>nd</sup> Floor  
Houston, Texas 77046

PBK Project No.: 16224

### Notice to Proposers:

- A. Receipt of this Addendum shall be acknowledged on the Proposal Form.
- B. This Addendum forms part of the Contract documents for the above referenced project and shall be incorporated integrally therewith.
- C. Each proposer shall make necessary adjustments and submit his proposal with full knowledge of all modifications, clarifications, and supplemental data included therein. Where provisions of the following supplemental data differ from those of the original Contract Documents, this Addendum shall govern.

### CLARIFICATIONS TO BIDDER QUESTIONS

- Item No. 1: Pre-Proposal sign-in Sheet attached.
- Item No. 2: During the pre-proposal meeting, a question was asked about using custom shops to fabricate the casework. This is acceptable as long as specifications for materials and fabrication are met.
- Item No. 3: On Drawing D2.01 General Note 28 – Notify Architect & Owner of any possible asbestos containing materials discovered before proceeding with work. Can the owner provide a clean letter for the glue holding down the current VCT in room 143? **The Owner will provide the latest asbestos report.**
- Item No. 4: We visited room Ms-143. Is the work to be done in that room or per the plans in room 142? **The room locations for work in the plan are correct. Work is to be performed in room 143.**
- Item No. 5: None of the specified laboratory case work companies listed in the specifications will be able to meet the College of the Mainland time frame. Most are running 8-10 weeks after approved submittals. Would the owner revised their schedule? **Substantial completion date is extended to January 6, 2017.**
- Item No. 6: Would the owner open up the laboratory specification to an open shop? If so, could a second walkthrough be set up for those to come and see it first hand? **Open shop is acceptable as long as all specifications are met due to the time constraints and additional walk-through may be scheduled through the College of the Mainland.**

- Item No. 7: Under the Supplementary Conditions section 8.3.4 states that \$5,000 /day liquidated damages. Would the College of the Mainland revise this with such a tight time frame given to the contractors? **See revised liquidated damages amounts in specification revisions as well as substantial completion date.**
- Item No. 8: On Drawing D2.01 General Note 12 – The contractor shall remove all trash and debris from the site on a daily basis. It was discussed at the pre-bid meeting that a possible dumpster location would be made available. Which is correct? How would you like us to price it nightly or per pull? **Contractor is to work areas clean. Dumpster to be priced per pull and can remain in location discussed during walk-through until pull is required.**
- Item No. 9: Will this be contracted directly through the College or need to go through a Co-op? **Contracted directly through the College of the Mainland.**
- Item No. 10: Prevailing Wage rates was not included in our RFP. Please provide. **Attached in addendum.**
- Item No. 11: Is the proposal bond a bid bond or a payment and performance bond to be issued to the awarded GC? **The proposal bond is a bid bond.**

## **SPECIFICATIONS**

- Item No. 12: **Section 00 11 00 – Request for Competitive Sealed Proposals:** Revise the first paragraph as follows:

Competitive Sealed Proposals for the work identified below in accordance with Proposal Documents and addenda as may be issued prior to date of proposal opening will be received by the **College of the Mainland** until proposal closing date and time, as identified below. Proposals from Offerors will then be opened in public and read aloud.

- Item No. 13: **Section 00 73 00 – Supplementary Conditions:**

1. Section 8.3.4, change liquidated damaged paragraphs to read as follows:

It is therefore expressly agreed as a part of the consideration inducing the Owner to execute this contract that the Owner may deduct from the final payment made to the Contractor a sum equal to **\$2000.00** per day for each and every calendar day beyond the agreed date which the Contractor shall require for Substantial Completion of the work included in this contract. It is expressly understood that the said sum per day is agreed upon as a fair estimate of the pecuniary damages that will be sustained by the Owner in the event that the work is not completed within the agreed time, or within the legally extended time, if any, otherwise provided for herein. Said sum shall be considered as liquidated damages only and in no sense shall be considered a penalty, said damage being caused by additional compensation to personnel, for loss of interest on money and other miscellaneous increased costs, all of which are difficult of exact ascertainment.

Failure to complete and project close out sixty days after Substantial Completion will result in liquidated damages being assessed in the amount of **\$500.00** per calendar day until project close out.

2. Section 9.10, change liquidated damages paragraph to read as follows:

Failure to complete and close out project 60 days after substantial completion will result in liquidated damages being assessed of **\$500.00** per calendar day until close out occurs.

3. Add prevailing wage rates to end of specification section. See attached.

Item No. 14: **Section 01 11 00 – Summary of Work:** Section 3.1A: Change the substantial completion date to January 6, 2017.

Item No. 15: **Section 01 32 16 – Construction Progress Schedule:** Section 1.4.A.2: Change the substantial completion date to January 6, 2017.

#### **DRAWINGS**

Item No. 16: **Sheet D2.01:** Replace sheet in its entirety. See clouded areas for changes.

Item No. 17: **Sheet A2.01:** Replace sheet in its entirety. See clouded areas for changes.

Item No. 18: **Sheet A8.01:** Replace sheet in its entirety. See clouded areas for changes.

Item No. 19: **Sheet A8.02:** Replace sheet in its entirety. See clouded areas for changes.

Item No. 20: **Sheet MEP2.01:** Replace sheet in its entirety. See clouded areas for changes.

**END OF ADDENDUM NO. 1**

**Pre-Solicitation Meeting: Math/Science Building Room L131**  
**Request for Competitive Sealed Proposal 17-17 Math/Science Lab Renovations**

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## PREVAILING WAGE RATE DETERMINATION INFORMATION

*The following information is from Chapter 2258 Texas Government Code:  
Effective 1 March 2016*

### 2258.021. Right to be Paid Prevailing Wage Rates.

- (a) A worker employed on a public work by or on behalf of the state or a political subdivision of the state shall be paid:
  - (1) not less than the general prevailing rate of per diem wages for work of a similar character in the locality in which the work is performed; and
  - (2) not less than the general prevailing rate of per diem wages for legal holiday and overtime work.
- (b) Subsection (a) does not apply to maintenance work.
- (c) A worker is employed on a public work for the purposes of this section if the worker is employed by a contractor or subcontractor in the execution of a contract for the public work with the state, a political subdivision of the state, or any officer or public body of the state or a political subdivision of the state.

### 2258.023. Prevailing Wage Rates to be Paid by Contractor and Subcontractor; Penalty.

- (a) The contractor who is awarded a contract by a public body or a subcontractor of the contractor shall pay not less than the rates determined under Section 2258.022 to a worker employed by it in the execution of the contract.
- (b) A contractor or subcontractor who violates this section shall pay to the state or a political subdivision of the state on whose behalf the contract is made, \$60 for each worker employed for each calendar day or part of the day that the worker is paid less than the wage rates stipulated in the contract. A public body awarding a contract shall specify this penalty in the contract.
- (c) A contractor or subcontractor does not violate this section if a public body awarding a contract does not determine the prevailing wage rates and specify the rates in the contract as provided by Section 2258.022.
- (d) The public body shall use any money collected under this section to offset the costs incurred in the administration of this chapter.
- (e) A municipality is entitled to collect a penalty under this section only if the municipality has a population of more than 10,000.

### 2258.051. Duty of Public Body to Hear Complaints and Withhold Payment.

A public body awarding a contract, and an agent or officer of the public body, shall:

- (1) take cognizance of complaints of all violations of this chapter committed in the execution of the contract; and
- (2) withhold money forfeited or required to be withheld under this chapter from the payments to the contractor under the contract, except that the public body may not withhold money from other than the final payment without a determination by the public body that there is good cause to believe that the contractor has violated this chapter.

Prevailing Wage Rates - School Construction Trades  
Effective March 1, 2016  
Texas Gulf Coast Area

CLASSIFICATION	HOURLY RATE
Asbestos Worker	\$15.42
Bricklayers; Masons	\$18.34
Carpenters/Caseworker	\$21.50
Carpet Layers/Floor Installers	\$20.03
Concrete Finishers	\$16.13
Data Comm / Telecom Installer	\$23.50
Drywall Installers; Ceiling Installers	\$16.69
Electricians	\$22.44
Elevator Mechanics	\$30.00
Fire Proofing Installer	\$19.13
Glaziers	\$19.87
Heavy Equipment Operators	\$18.18
Insulators	\$16.16
Ironworkers	\$18.14
Laborers	\$11.81
Lather / Plasterer	\$18.03
Light Equipment Operators	\$15.21
Metal Building Assemblers	\$17.53
Millwrights	\$20.69
Painters/Wall Covering Installers	\$15.75
Pipefitters	\$25.70
Plumbers	\$26.50
Roofers	\$18.80
Sheet Metal Workers	\$20.46
Sprinkler Fitters	\$25.10
Steel Erector	\$19.33
Terrazzo Workers	\$19.67
Tile Setters	\$19.83
Waterproofers/Caulkers	\$19.00

This document was developed by PBK Architects, Inc. in strict accordance with the Texas Government Code Chapter 2258.

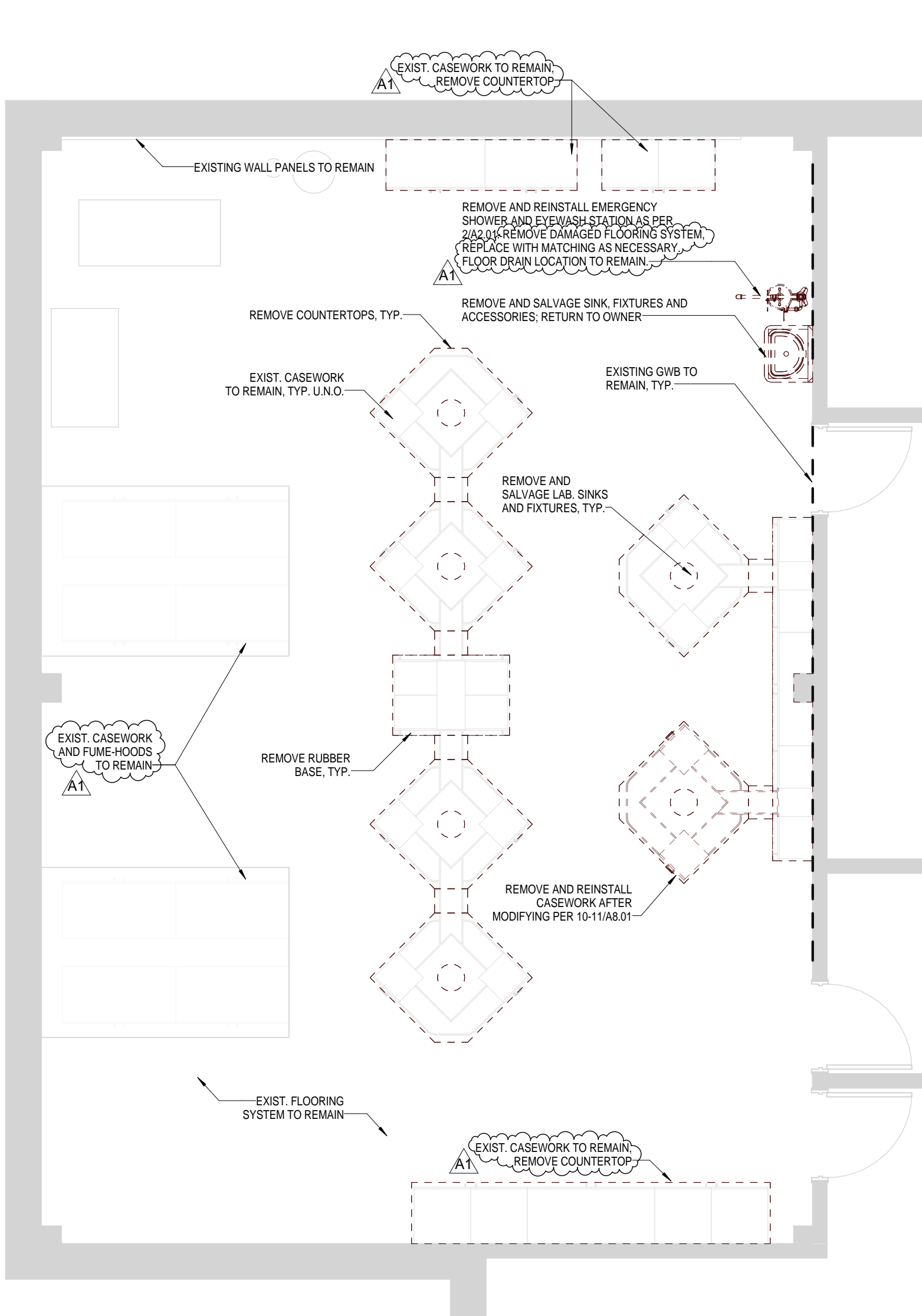
**Prevailing Wage Rates  
Worker Classification Definition Sheet**

Asbestos Worker	Worker who removes & disposes of asbestos materials.
Bricklayers/Masons	Craftsman who works with masonry products, stone, brick, block or any material substituting for those materials & accessories.
Carpenter / Caseworker	Worker who builds wood structures or structures of any material which has replaced wood. Includes rough & finish carpentry, hardware and trim.
Carpet Layer / Floor Installer	Worker who installs carpets and/or floor coverings-vinyl tile.
Concrete Finisher	Worker who floats, trowels and finishes concrete.
Data Comm / Telecom Installer	Worker who installs data/telephone & television cable and associated equipment and accessories.
Drywall / Ceiling Installer	Worker who installs metal framed walls & ceilings, drywall coverings, ceiling grids
Electrician	Skilled craftsman who installs or repairs electrical wiring & devices. Includes fire alarm systems
Elevator Mechanic	Craftsman skilled in the installation & maintenance of elevators.
Fire Proofing Installer	Worker who sprays or applies fire proofing materials.
Glazier	Worker who installs glass, glazing and glass framing.
Heavy Equipment Operator	Includes, but not limited to, all Cat tractors, all derrick-powered, all power operated cranes, back-hoe, back-filler, power operated shovel, winch
Insulator	Worker who applies, sprays or installs insulation.
Iron Worker	Skilled craftsman who erects structural steel framing & installs structural concrete
Laborer / Helper	Worker qualified for only unskilled or semi-skilled work. Lifting, carrying materials & tools, hauling, digging, clean-up.
Lather / Plasterer	Worker who installs metal framing & lath. Worker who applies plaster to lathing and installs associated accessories.
Light Equipment Operator	Includes, but not limited to, air compressors, truck crane driver, flex plane, building elevator, form grader, concrete mixer (less than 14cf), conveyer.
Metal Building Assembler	Worker who assembles pre-made metal buildings.
Millwright	Mechanic specializing in the installation of heavy machinery, conveyance, wrenches, dock levelers, hydraulic lifts & align pumps.
Painter / Wall Covering Installer	Worker who prepares wall surfaces & applies paint and/or wall coverings, tape and bedding
Pipefitter	Trained worker who installs piping systems, chilled water piping & hot water (boiler) piping, pneumatic tubing controls, chillers, boilers & associated
Plumber	Skilled craftsman who installs domestic hot & cold water piping, waste piping, storm system piping, water closets, sinks, urinals, and related work.
Roofer	Worker who installs roofing materials, Bitumen (asphalt & coal tar) felts, flashings, all types roofing membranes & associated products.
Sheet Metal Worker	Worker who installs sheet metal products. Roof metal, flashings & curbs, ductwork, mechanical equipment and associated metals.
Sprinkler Fitter	Worker who installs fire sprinkler systems & fire protection equipment.
Steel Erector	Worker who erects and dismantles structural steel frames of buildings and other
Terrazzo Worker	Craftsman who places & finishes Terrazzo.
Tile Setter	Worker who prepares wall and/or floor surfaces & applies ceramic tiles to these
Waterproofor / Caulker	Worker who applies water proofing material to buildings. Products include sealant, caulk, sheet membrane, liquid membranes, sprayed, rolled or brushed.

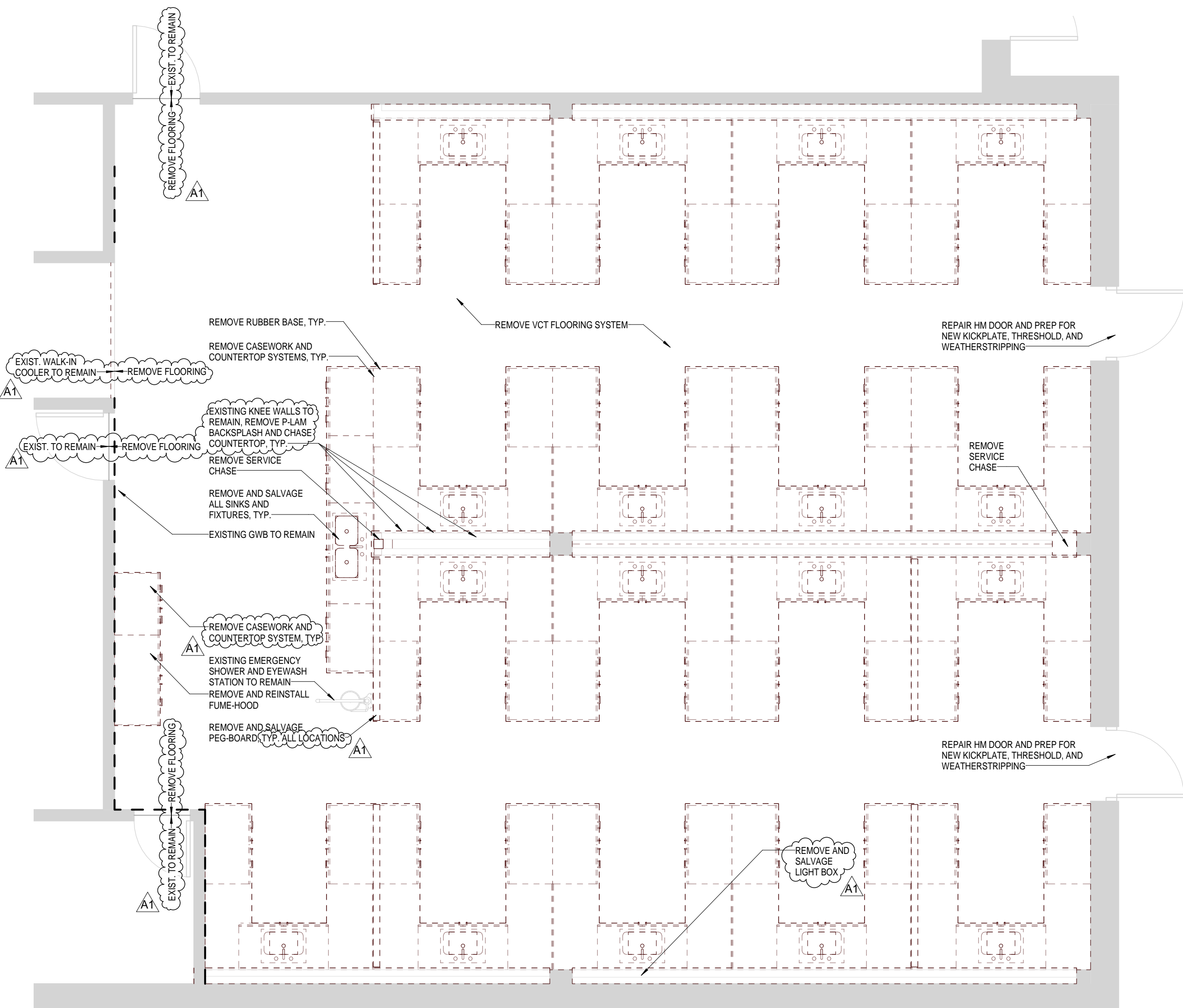
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1 ENLARGED DEMOLITION PLAN - ROOM 121  
1/4" = 1'-0"



2 ENLARGED DEMOLITION PLAN - ROOM 143  
1/4" = 1'-0"

DEMOLITION GENERAL NOTES

1. THE DEMOLITION PLAN OUTLINES SOME OF THE SCOPE OF THE WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMO SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMERCIAL DEMOLITION ACTIVITIES. CONTRACTOR SHALL NOT SCALE DRAWINGS. CONTRACTOR WILL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
3. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL MONEY WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
4. CONTRACTOR WILL BE REQUIRED TO REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND/OR PARKING AREAS DISTURBED BY DEMOLITION.
5. CONTRACTOR WILL BE REQUIRED TO REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
6. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
7. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING ADJACENT CONSTRUCTION.
8. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
9. CONTRACTOR SHALL REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
10. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST.)
11. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD CONDITION.
12. THE CONTRACTOR SHALL KEEP WORK AREA FREE OF TRASH AND DEBRIS. EMPTYING DUMPSTER AS NECESSARY.
13. MAINTAIN THE INTEGRITY OF ALL EXISTING RATED WALLS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
14. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR PLUMBING ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
15. PROTECT EXISTING SITE IMPROVEMENTS AND LANDSCAPING TO REMAIN. INCLUDING BUT NOT LIMITED TO EXISTING TREES AND OTHER VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL, WITHIN DRIP LINES.
16. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY GOVERNING AUTHORITIES.
17. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
18. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
19. CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT WITH ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVING THE AREA INVOLVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING. THOSE CIRCUITS WHICH ARE IDENTIFIED TO SERVICE BOTH THE AREA TO BE DEMOLISHED AND THE REMAINING BUILDING SHALL BE SPLIT SO AS TO KILL ALL ELECTRICAL POWER TO THE AREA TO BE DEMOLISHED WHILE MAINTAINING POWER TO THE REMAINDER OF THE BUILDING.
20. CONTRACTOR TO RELOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.
21. REFER TO DEMOLITION PLUMBING PLANS FOR EXTENT OF CONCRETE SLAB TO BE REMOVED AND REPLACED FOR UNDER FLOOR PIPING INSTALLATION.
22. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
23. NEW OPENING TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS.
24. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEP SYSTEMS BACK TO PANEL OR MECHANICAL ROOM OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT. RELOCATE POWER PER MEP DRAWINGS.
25. REFER TO MEP DRAWINGS FOR DEMOLITION OF MEP SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND/OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBS THE EXTENT OF ALL DEMOLITION WORK.
26. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
27. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE SURFACE TO RECEIVE NEW FLOORING.
28. NOTIFY ARCHITECT & OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK, PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
29. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
30. ALL DASHED LINES ARE DEMOLITION LINES UNLESS NOTED OTHERWISE.



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BIOLOGY LAB UPGRADES AND RENOVATION  
COLLEGE OF THE MAINLAND

Issue for Proposal



CLIENT	
COLLEGE OF THE MAINLAND	
PROJECT NUMBER	
16224	
DATE:	OCTOBER 3, 2016
DRAWN BY:	W. HOLLOWAY
CHECKED BY:	A. STILTS
REVISIONS	
No.	Description
1	Addendum #1

Issue for Proposal

DEMOLITION -  
ENLARGED FLOOR  
PLANS

D2.01



**BIOLOGY LAB UPGRADES AND RENOVATION  
COLLEGE OF THE MAINLAND**

10/3/2016

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REVISIONS	

### Issue for Proposal

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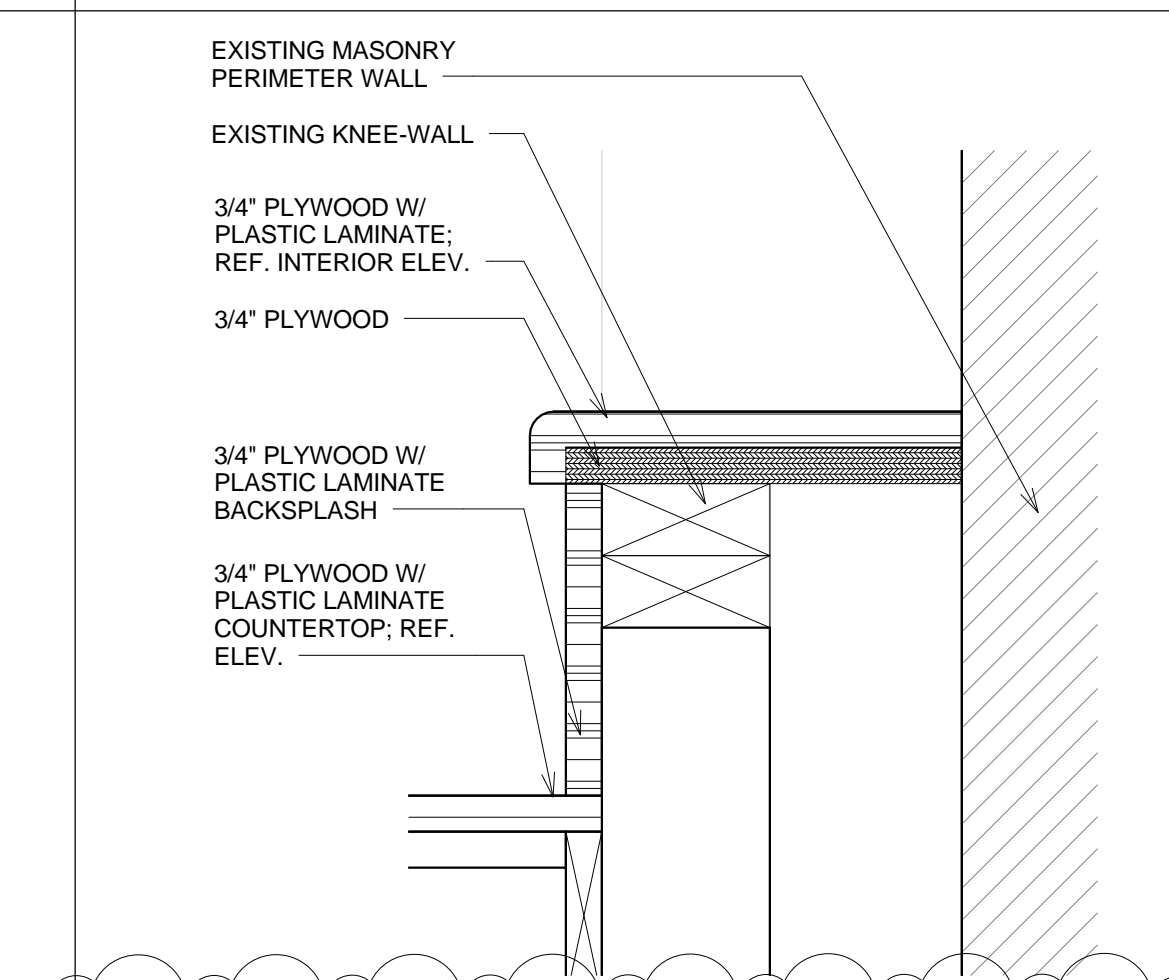
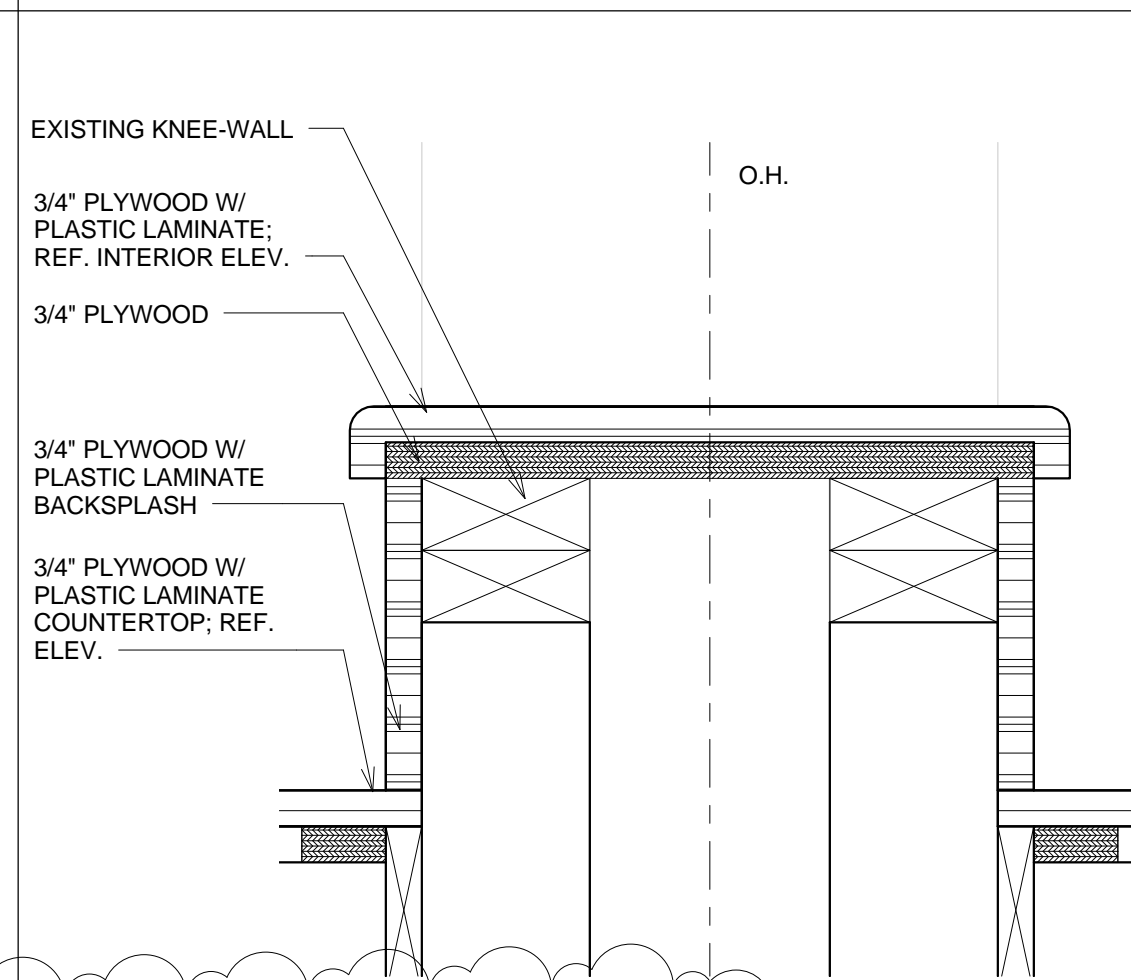
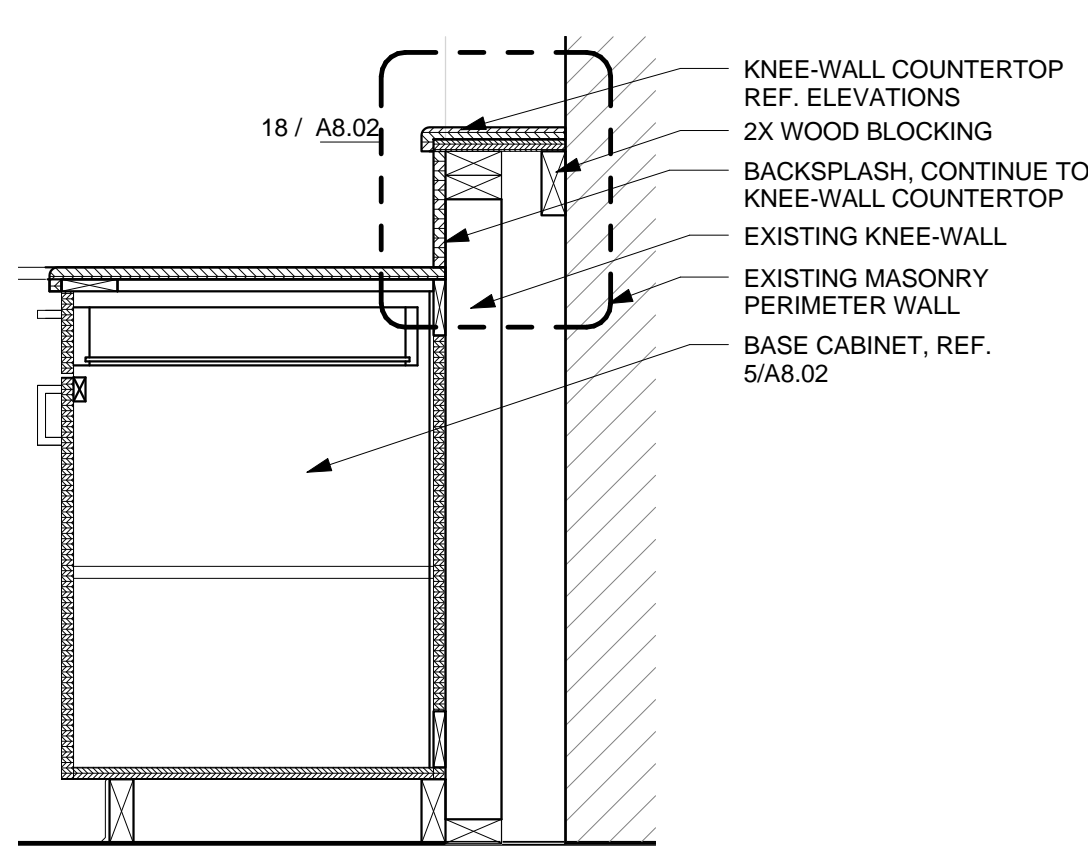
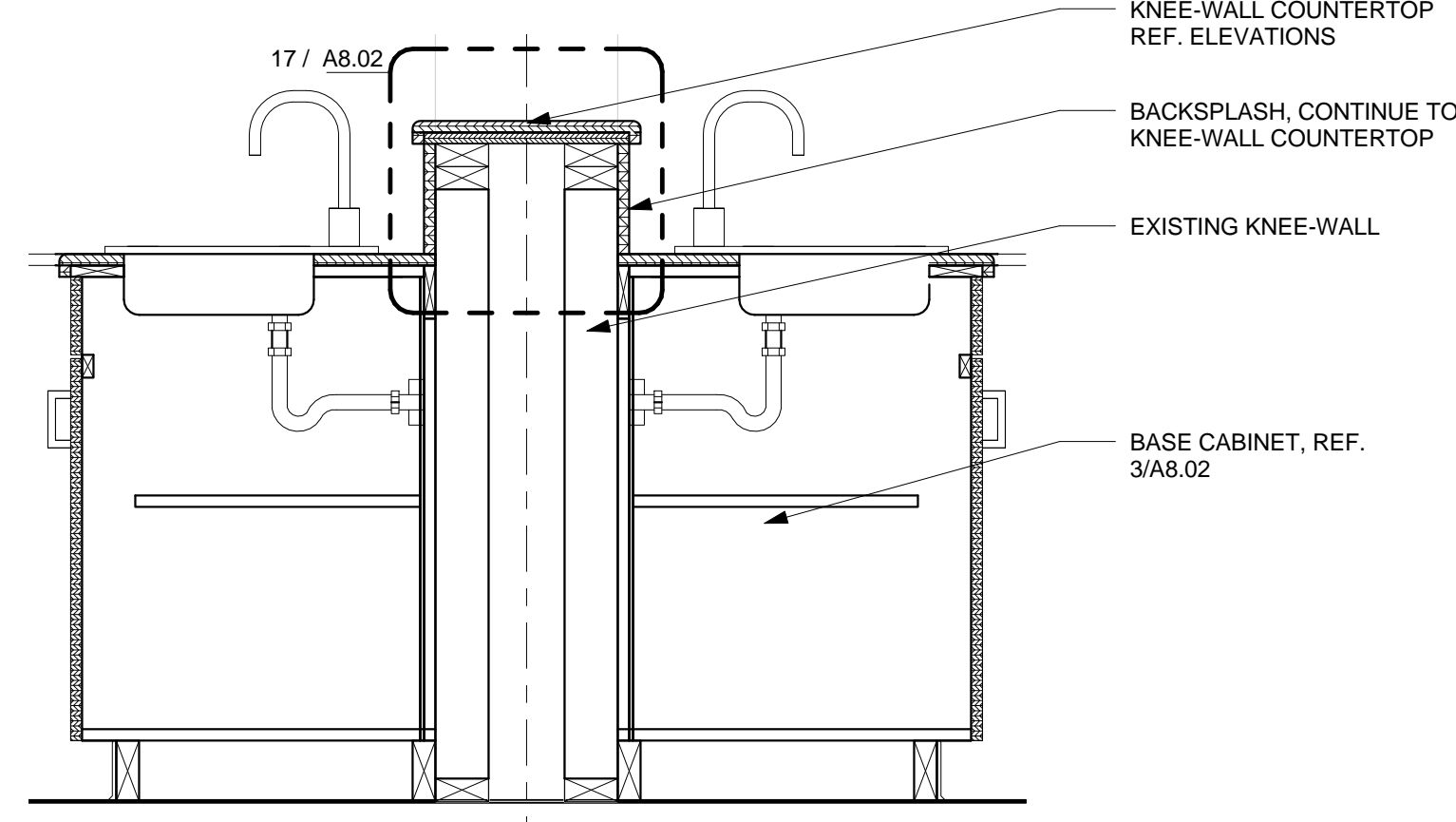
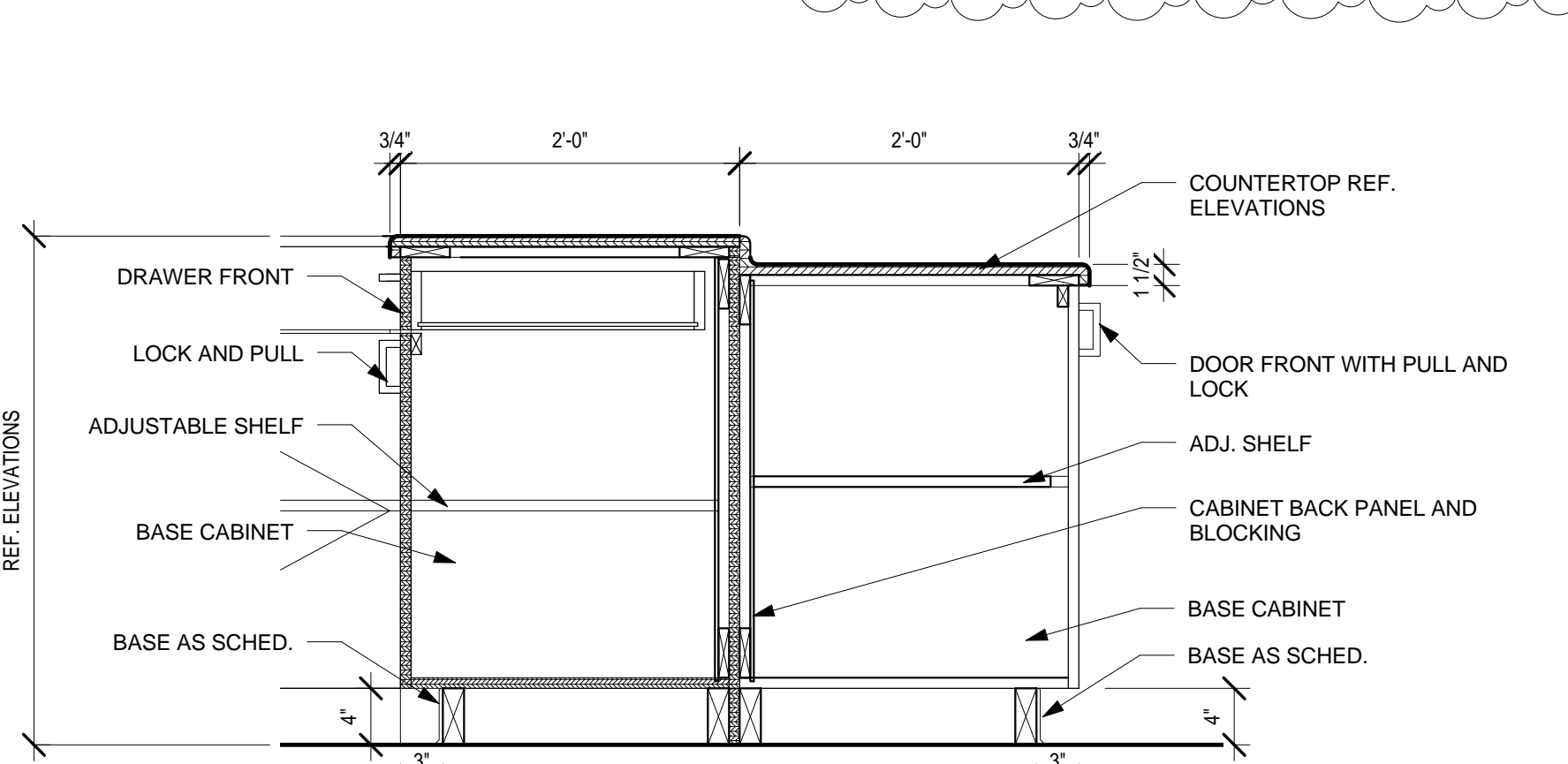
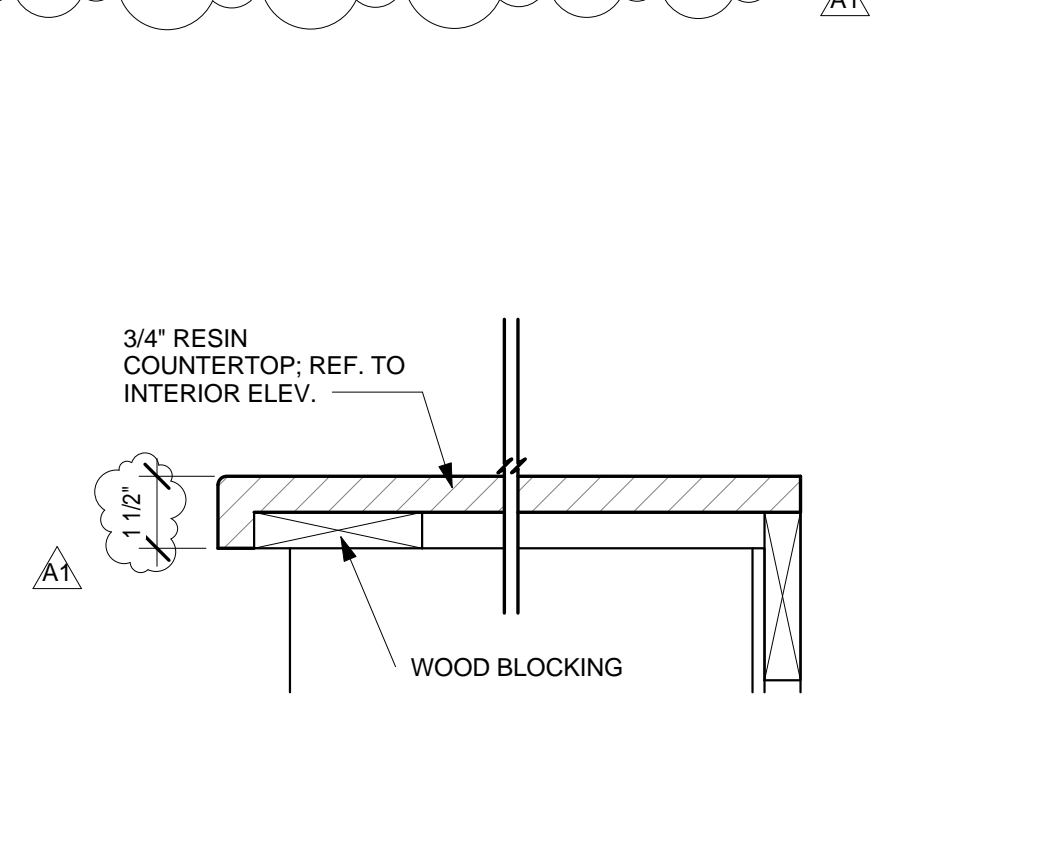
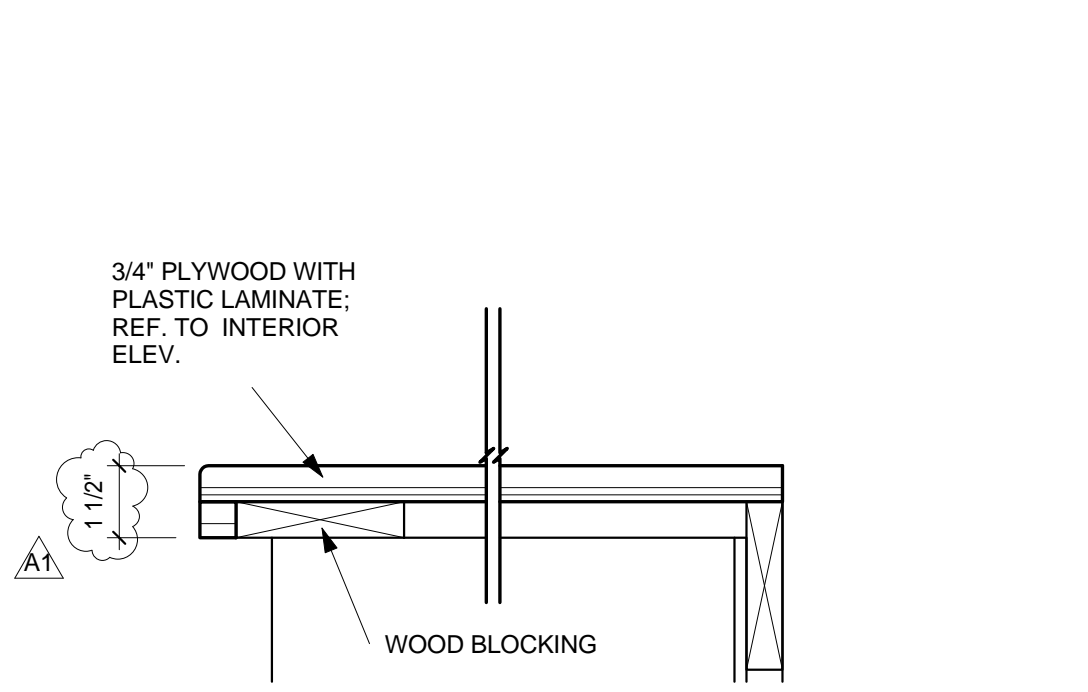
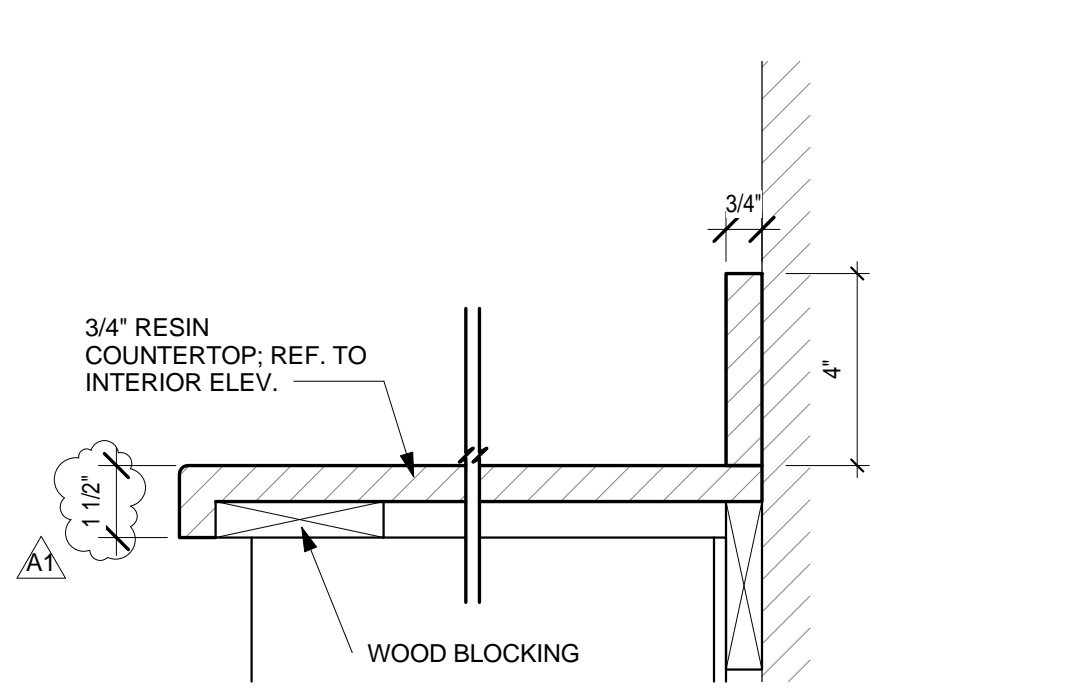
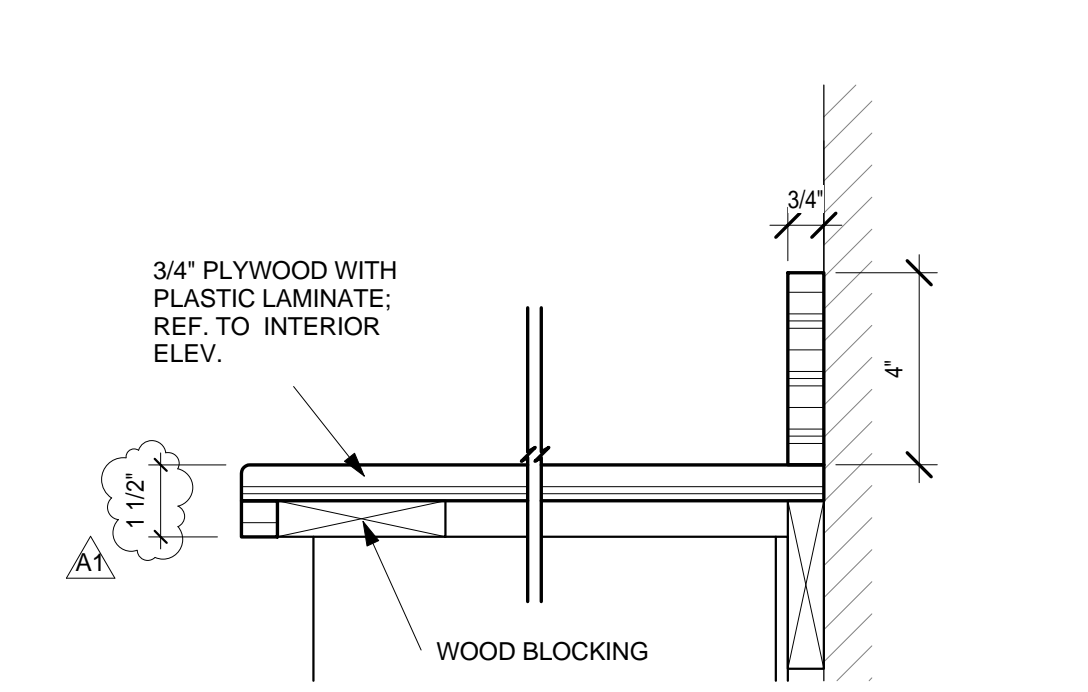
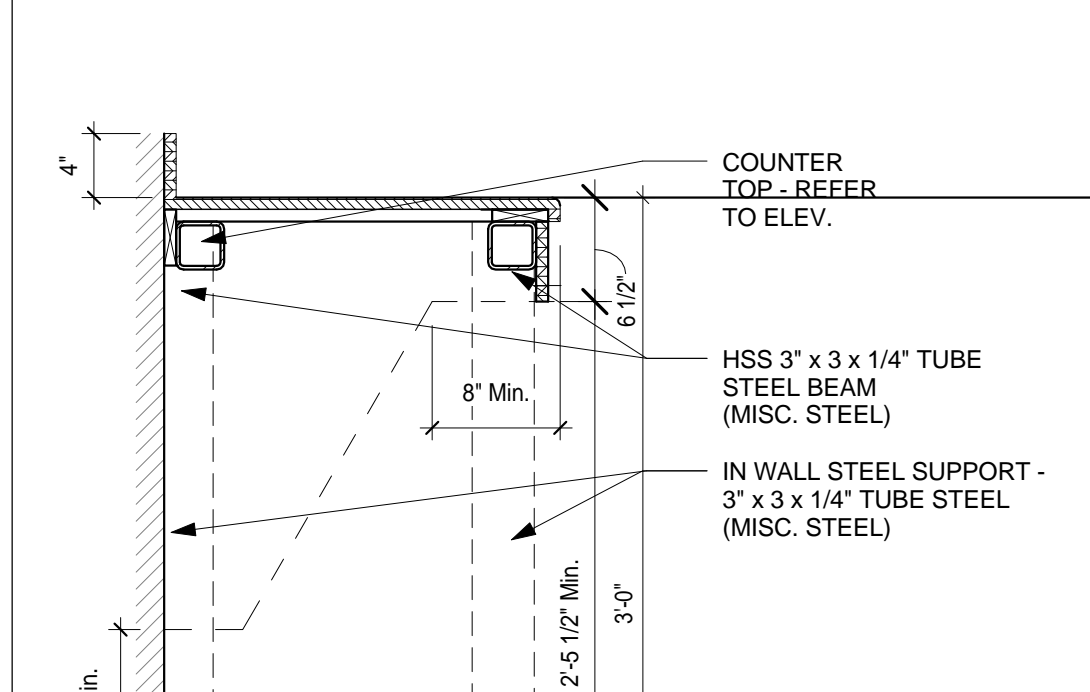
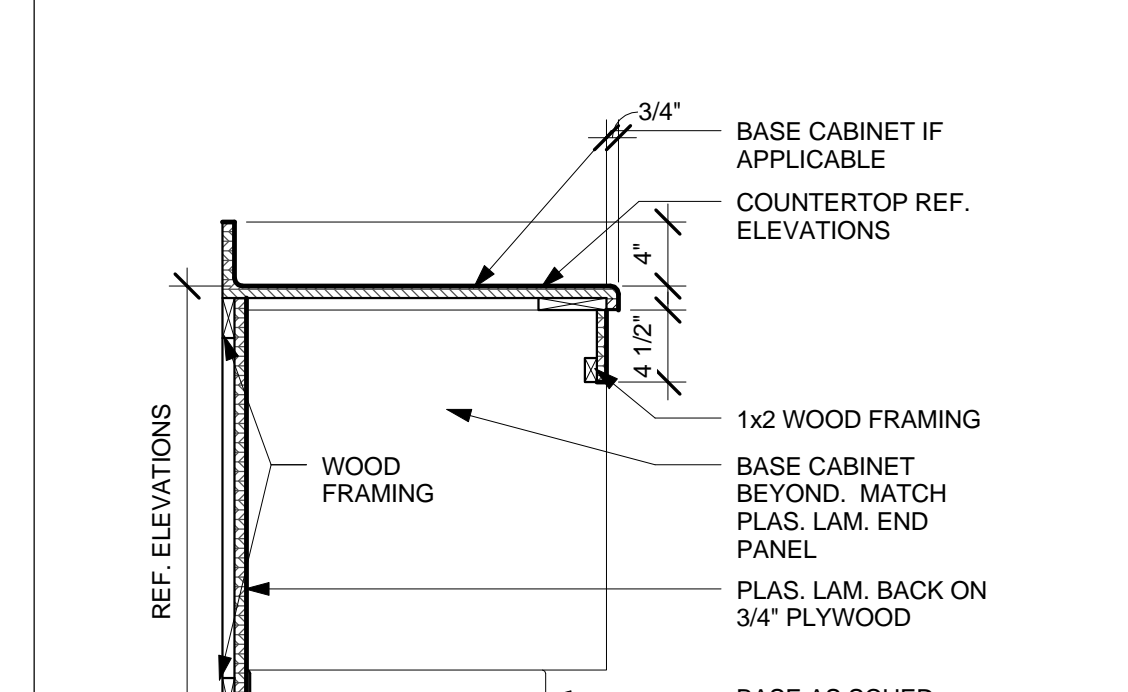
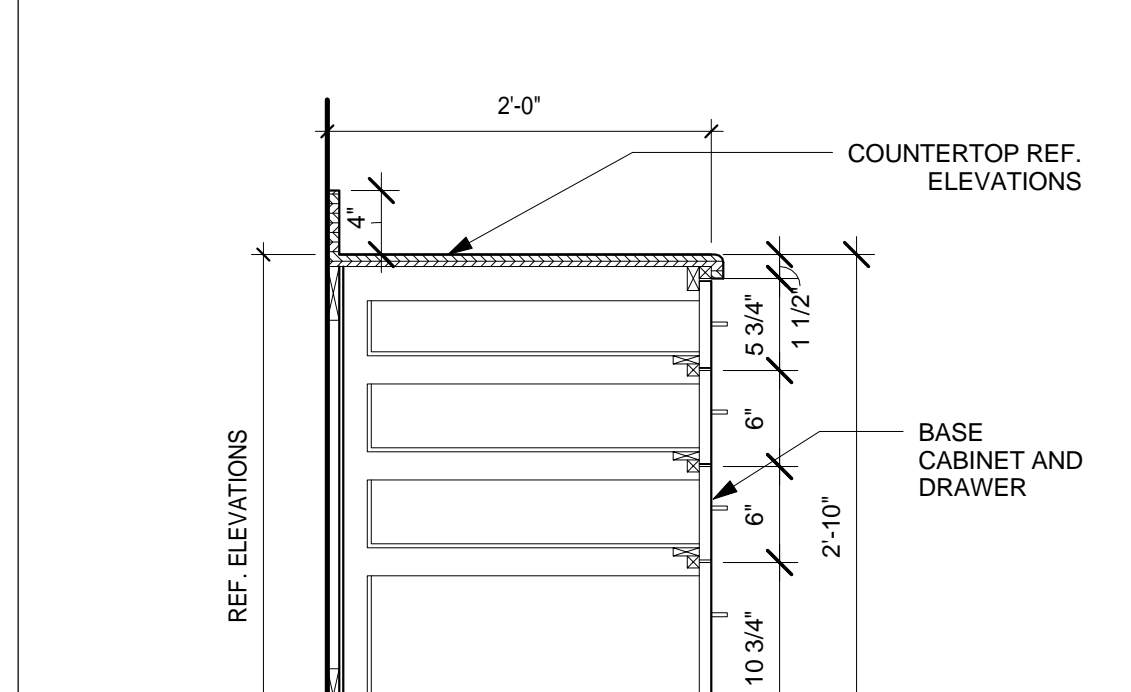
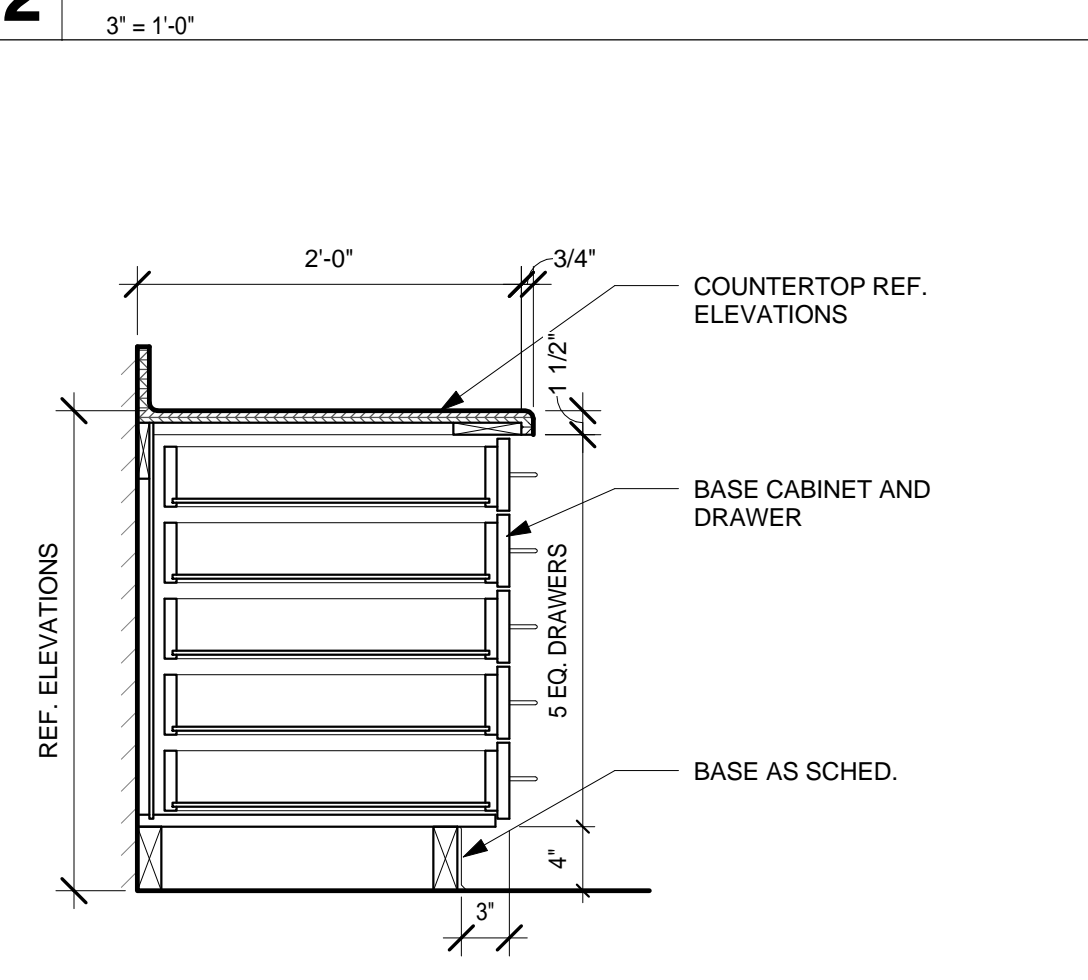
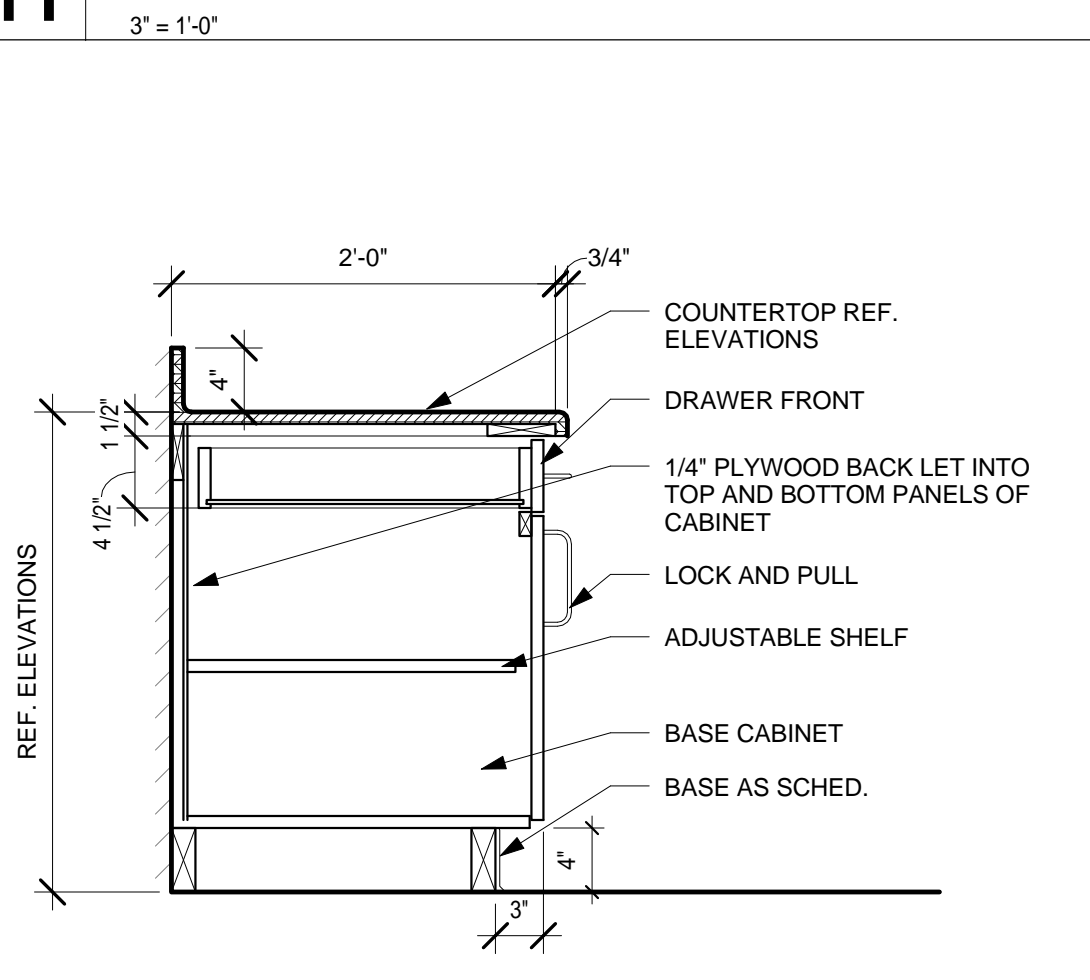
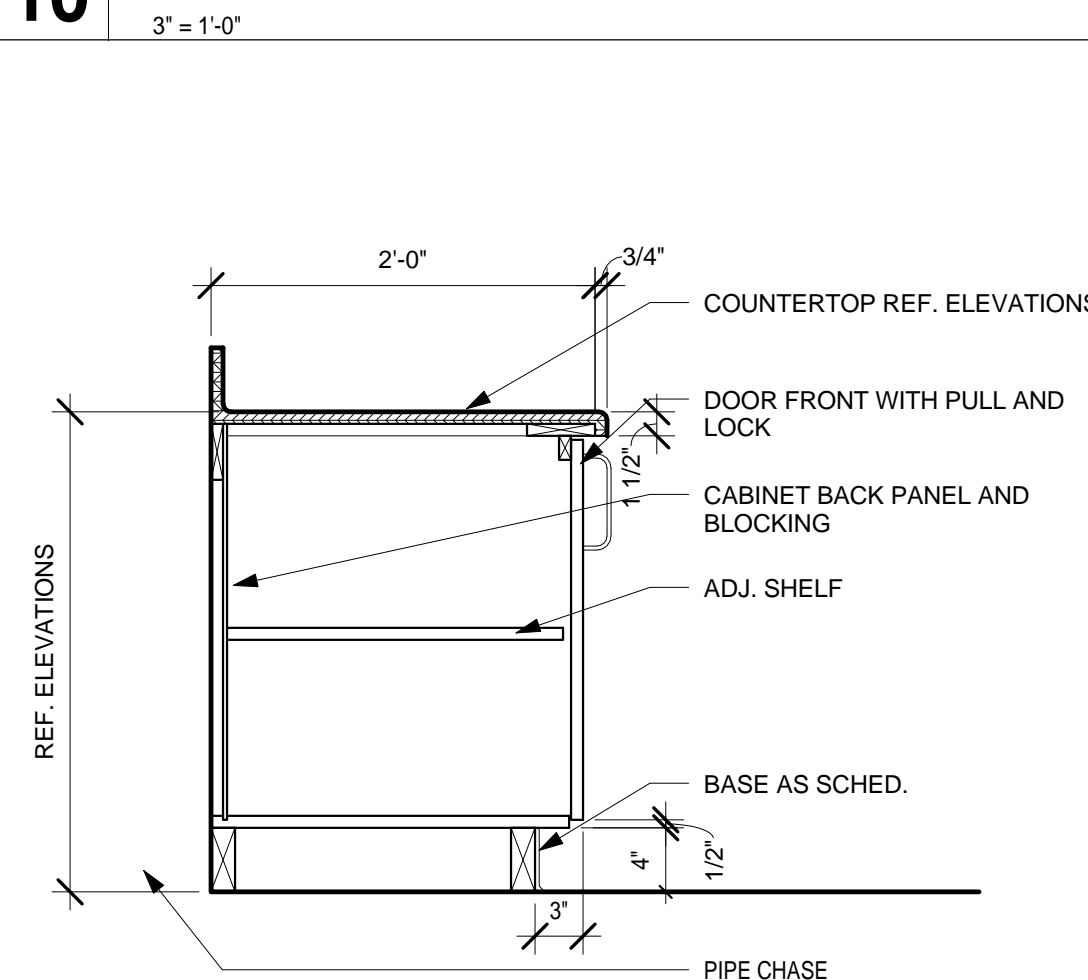
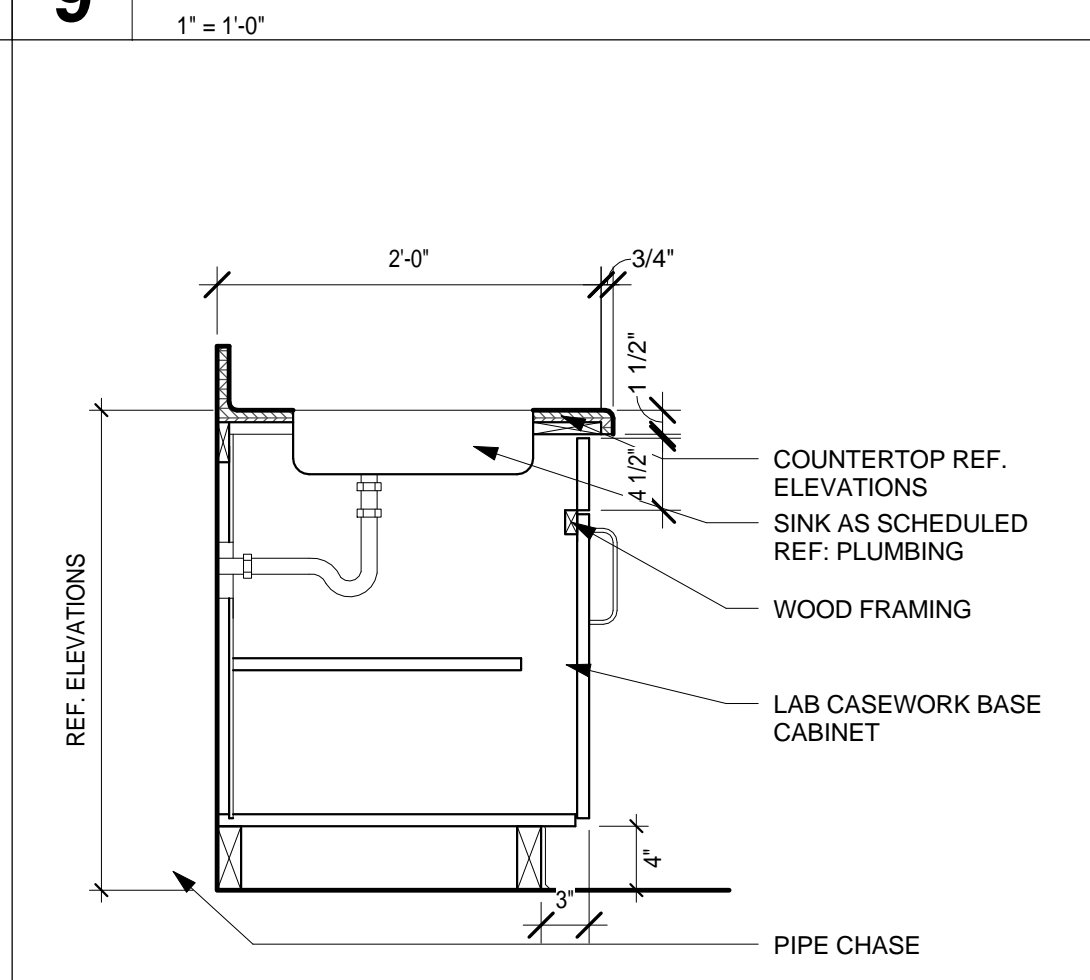
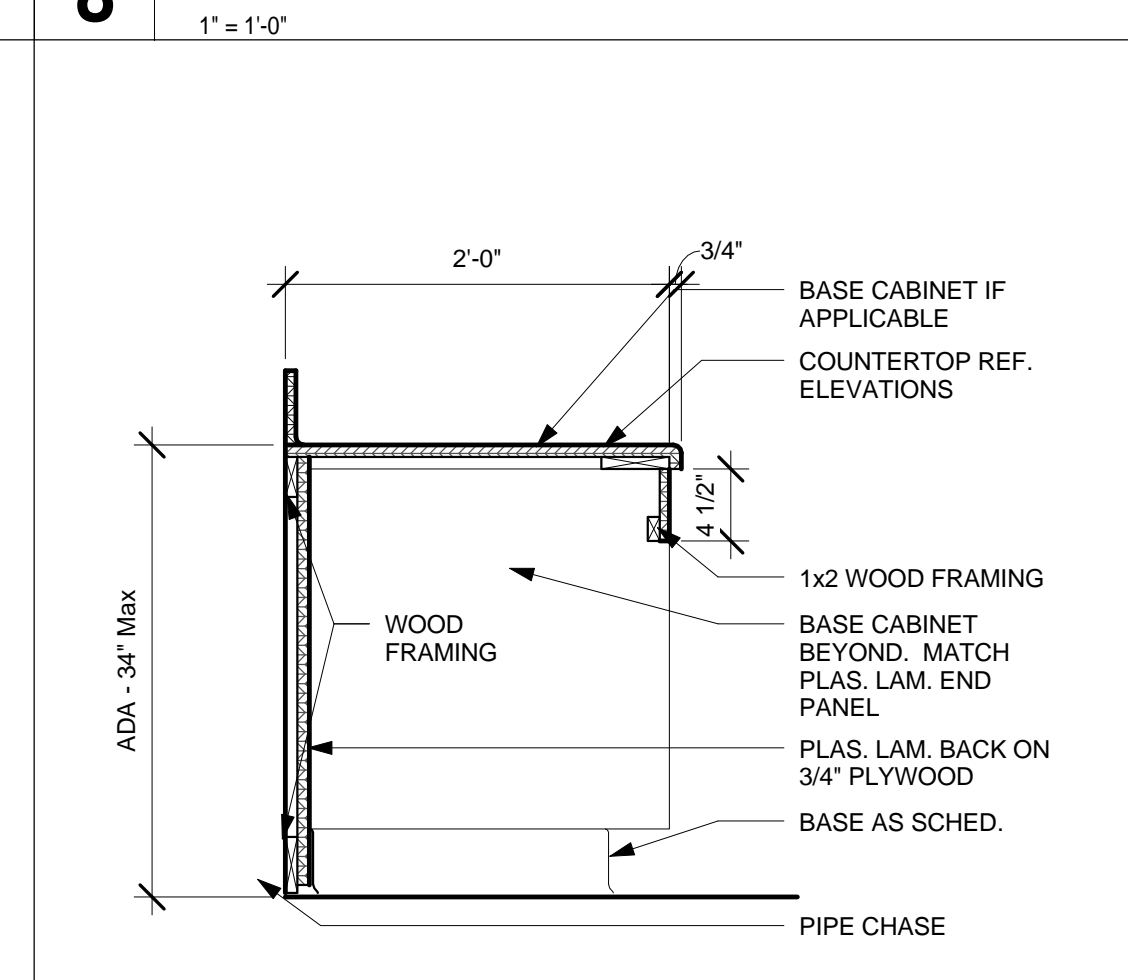
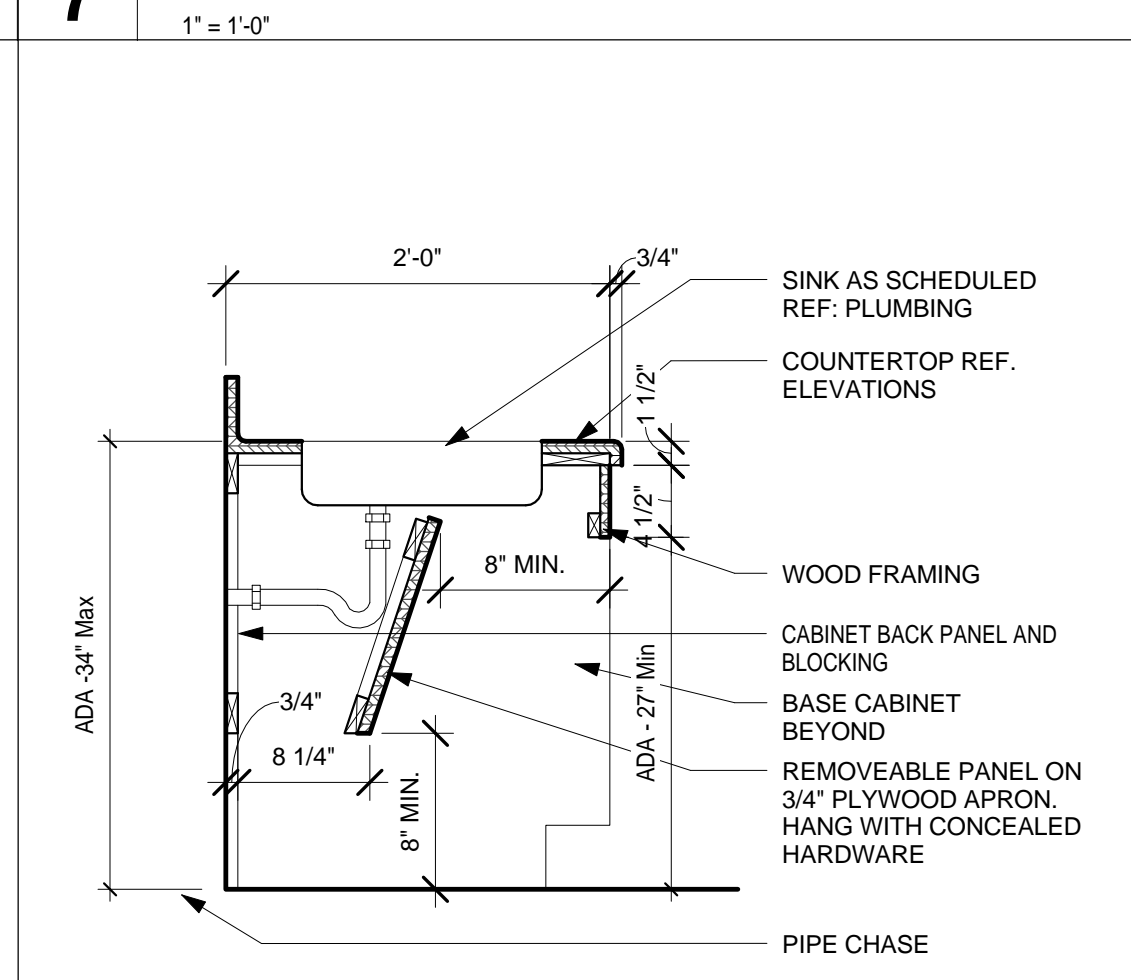
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<b>11</b> COMMON-USE CABINETS $1/2" \approx 1'-0"$		<b>10</b> VENT-HOOD CABINETS $1/2" \approx 1'-0"$	<b>9</b> ADA - LAB. WORKSTATION - SIDE $1/2" \approx 1'-0"$	<b>8</b> ADA - LAB. WORKSTATION - FRONT $1/2" \approx 1'-0"$	<b>7</b> ADA - LABORATORY WORKSTATION $1/2" \approx 1'-0"$
<b>6</b> ADA - COMPUTER WORKSTATION $1/2" \approx 1'-0"$	<b>5</b> TYP. COMPUTER WORKSTATION - CENTER $1/2" \approx 1'-0"$	<b>4</b> TYP. COMPUTER WORKSTATION - SIDE $1/2" \approx 1'-0"$	<b>3</b> LABORATORY WORKSTATION - EGRESS $1/2" \approx 1'-0"$	<b>2</b> TYP. LABORATORY WORKSTATION $1/2" \approx 1'-0"$	<b>1</b> TYP. LABORATORY WORKSTATION - SINK $1/2" \approx 1'-0"$



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				<b>18</b> PERIMETER KNEE WALL SECTION - DETAIL 3" = 1'-0"	<b>17</b> KNEE WALL SECTION - DETAIL 3" = 1'-0"
					
<b>16</b> PERIMETER KNEE WALL SECTION 1" = 1'-0"	<b>15</b> KNEE WALL SECTION 1" = 1'-0"		<b>14</b> LAB CASEWORK SECTION - ADA 1" = 1'-0"		<b>13</b> RESIN COUNTER TOP - NO BACKSPLASH 3" = 1'-0"
					
<b>12</b> PLAM COUNTERTOP - NO BACKSPLASH 3" = 1'-0"	<b>11</b> COUNTERTOP DETAIL - RESIN 3" = 1'-0"	<b>10</b> COUNTERTOP DETAIL - PLAM 3" = 1'-0"	<b>9</b> TYPICAL COUTNERTOP SHORT SPAN 1" = 1'-0"	<b>8</b> CASEWORK SECTION - COUNTER 1" = 1'-0"	<b>7</b> CASEWORK SECTION - 4 DRAWERS 1" = 1'-0"
					
<b>6</b> CASEWORK SECTION - 5 DRAWERS 1" = 1'-0"	<b>5</b> CASEWORK - BASE CABINET 1" = 1'-0"	<b>4</b> LAB CASEWORK SECTION - BASE CABINET 1" = 1'-0"	<b>3</b> LAB CASEWORK SECTION - SINK 1" = 1'-0"	<b>2</b> LAB CASEWORK SECTION - ADA 1" = 1'-0"	<b>1</b> LAB CASEWORK SECTION - SINK ADA 1" = 1'-0"

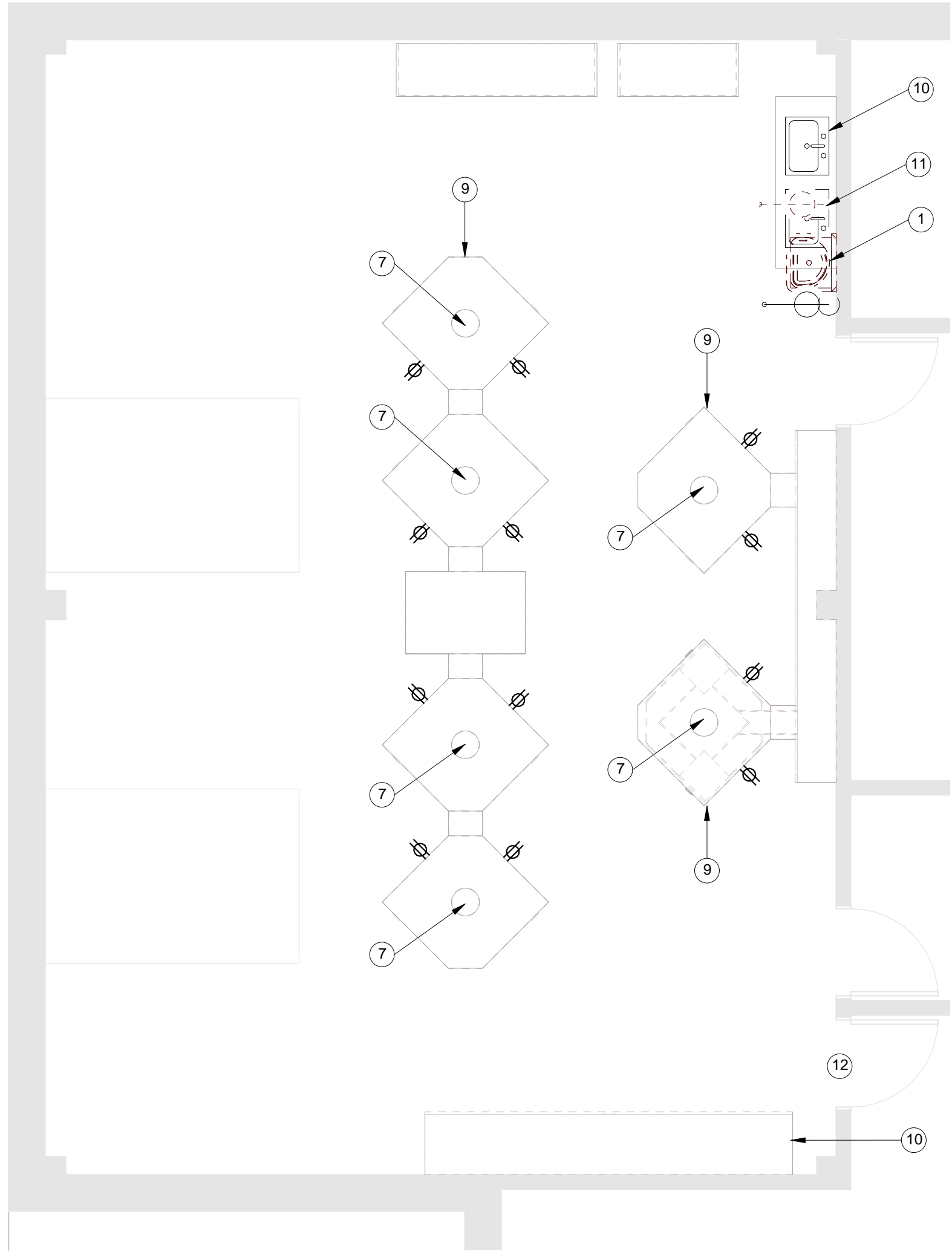


CLIENT COLLEGE OF THE MAINLAND		
PROJECT NUMBER 16224		
DATE:	OCTOBER 3, 2016	
DRAWN BY:	EK, VR	
CHECKED BY:	A. STILTS	
REVISIONS		
No.	Description	Date
A1	Addendum #1	10/11/2016

Issue for Proposal

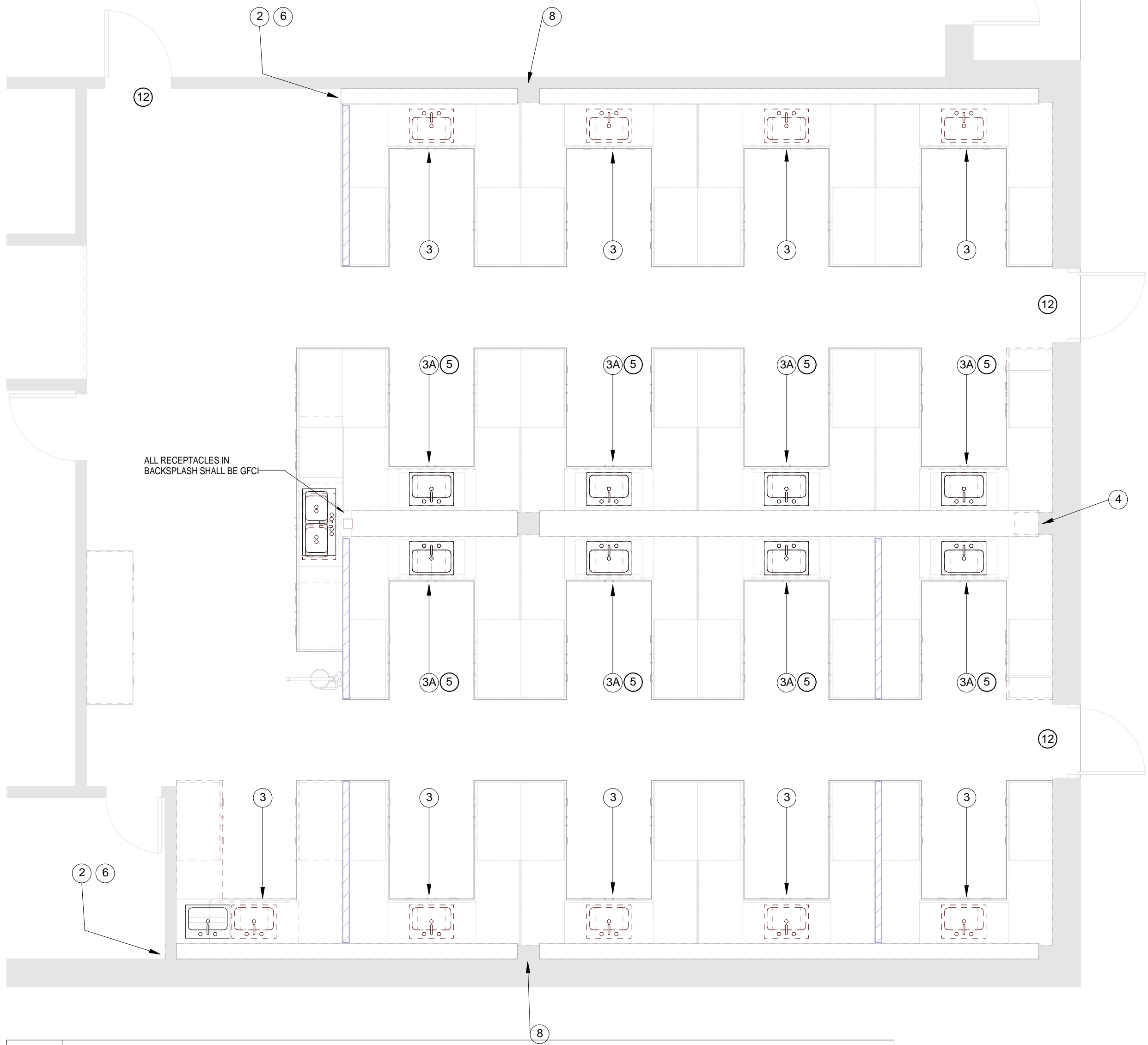
**CASEWORK  
DETAILS**

**A8.02**



1 MEP PLAN - ROOM 121  
SCALE: 1/4" = 1'-0"

- DEMOLITION NOTES**
- 1 REMOVE EXISTING CAST IRON SINK.
  - 2 REMOVE EXISTING NATURAL GAS AND COMPRESSED AIR VALVES IN BACKSPLASH, CAP WITHIN BACKSPLASH CHASE.
  - 3 REMOVE EXISTING SINK. CAP SANITARY CONNECTION WITHIN WALL. CAP DOMESTIC HOT AND COLD SUPPLY WITHIN WALL.
  - 3A REMOVE EXISTING SINK.
- MEP NOTES**
- 4 REPLACE EXISTING RECEPTACLES IN BACKSPLASH WITH GFCI, TWO ON EACH SIDE OF EACH SINK
  - 5 PROVIDE NEW SINK. PROVIDE CONNECTION TO EXISTING DOMESTIC HOT AND COLD SUPPLY AND SANITARY DRAIN. SINK SHALL BE JUST MODEL SL-1921-A-GR OR APPROVED EQUAL. STAINLESS STEEL DROP-IN SINK IN CASEWORK. PROVIDE ZURN 8800 SERIES ANGLE STOPS WITH 3/8" O.D. TUBING, AND CONNECTION TO EXISTING SANITARY AND VENT PIPING IN WALL. TRIM: CHICAGO 830-317XCP OR APPROVED EQUAL. PROVIDE SOLIDS INTERCEPTOR JAY R. SMITH 8750 SERIES OR APPROVED EQUAL.
  - 6 PROVIDE SINGLE GANG BACKBOXES WITHIN BACKSPLASH FOR FUTURE DATA CABLING. (DATA CABLING BY OWNER) MOUNT ONE BOX AT EACH COUNTERTOP ISLAND.
  - 7 PROVIDE CONNECTION TO NEW WATER AND NATURAL GAS VALVES AND DRAIN CONNECTION AT SINK. DUAL GAS AND SINGLE COLD WATER CONNECTION ON EITHER SIDE OF EACH SINK.
  - 8 PROVIDE A 1-1/4" CONDUIT ON EITHER SIDE OF CONCRETE COLUMN FOR FUTURE DATA CABLING. ROUTE FROM CEILING PLENUM TO BACKSPLASH CHASE. PAINT COLOR BY ARCHITECT.
  - 9 PROVIDE NEW GFCI RECEPTACLES IN LAB CASEWORK.
  - 10 PROVIDE (2) JUST MODEL SL-1921-A-GR OR APPROVED EQUAL STAINLESS STEEL DROP-IN SINKS IN CASEWORK. PROVIDE ZURN 8800 SERIES ANGLE STOPS WITH 3/8" O.D. TUBING, DEARBORN 17 GA P-TRAP, AND CONNECTION TO EXISTING SANITARY AND VENT PIPING IN WALL. TRIM: CHICAGO 201-AGNBAE35-317AB OR APPROVED EQUAL. EXTEND SUPPLY AND DRAIN PIPING TO CASEWORK AS REQUIRED.
  - 11 RELOCATE EXISTING EMERGENCY WASH STATION. PROVIDE CONNECTION TO EXISTING SUPPLY PIPING. PROVIDE FLOOR DRAIN WITH 3" SCHEDULE 40 CONNECTION TO NEAREST EXISTING UNDERGROUND SANITARY PIPING, AND 2" CAST IRON VENT TO NEAREST VENT STACK. (IF NECESSARY) FIELD VERIFY EXACT LOCATIONS.
  - 12 PROVIDE INTERNALLY ILLUMINATED EXIT SIGNS ABOVE DOORS LEADING TO THE EXTERIOR OR CORRIDOR. PROVIDE PHILIPS LIGHTING CHLORIDE VE SERIES. WHITE WITH RED LEDS. WITH INTERNAL 90-MINUTE BATTERY. PROVIDE CONNECTION TO NEAREST 120V GENERAL POWER CIRCUIT.



2 MEP PLAN - ROOM 142  
SCALE: 1/4" = 1'-0"