

COLLEGE OF THE MAINLAND

BIOLOGY LAB UPGRADES AND RENOVATION COLLEGE OF THE MAINLAND

Issue for Proposal

OCTOBER 3, 2016

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

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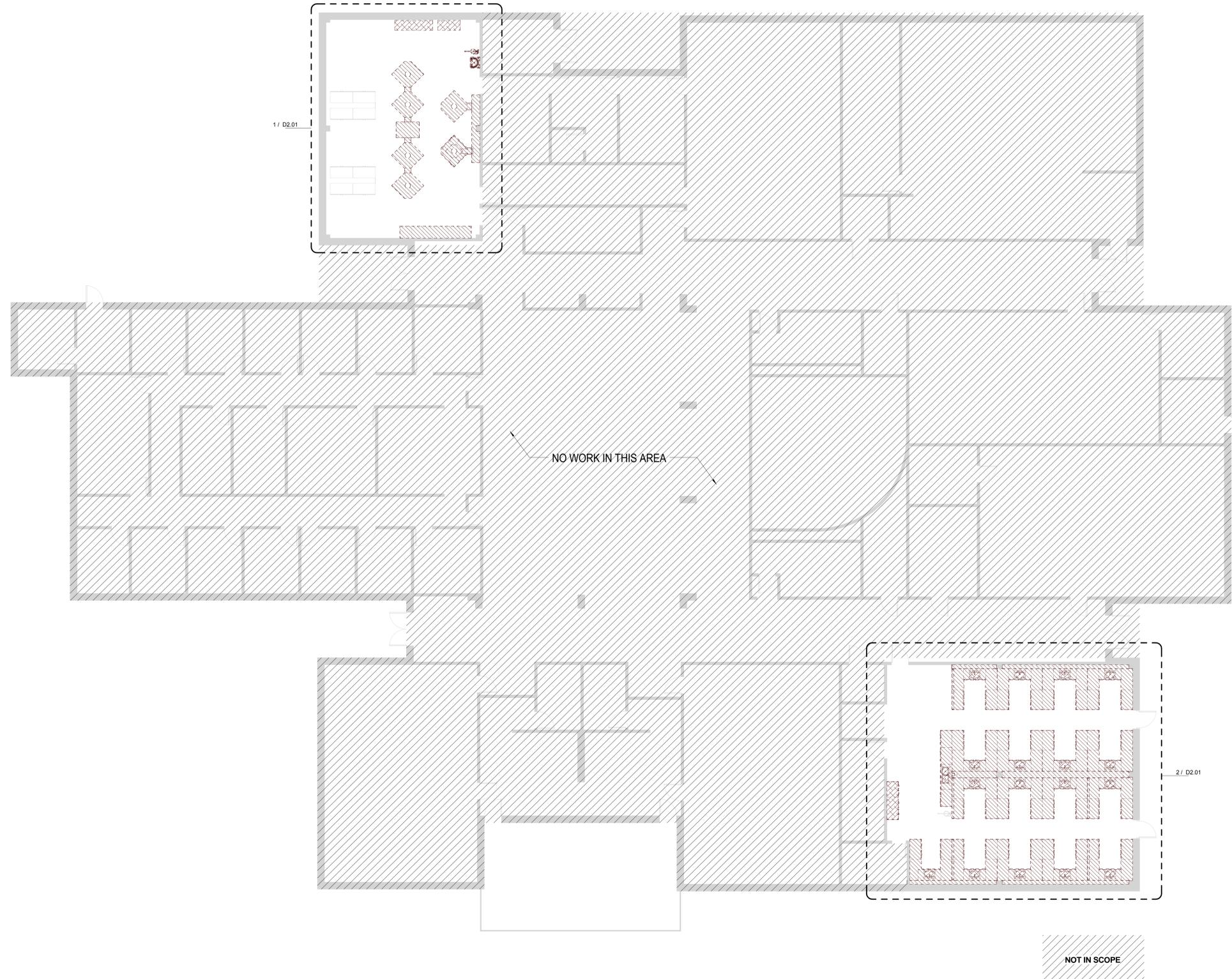


CLIENT		
COLLEGE OF THE MAINLAND		
PROJECT NUMBER		
16224		
DATE:	OCTOBER 3, 2016	
DRAWN BY:	W. HOLLOWAY	
CHECKED BY:	A. STILTS	
REVISIONS		
No.	Description	Date

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**DEMOLITION -
COMPOSITE FLOOR
PLAN**

D2.00



DEMOLITION GENERAL NOTES

- 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.
- CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMERCIAL DEMOLITION ACTIVITIES. CONTRACTOR SHALL NOT SCALE DRAWINGS.
- 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.
- CONTRACTOR WILL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND BARRIER 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).
- CONTRACTOR WILL BE REQUIRED TO REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND/OR PARKING AREAS DISTURBED BY DEMOLITION.
- 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.
- 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.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES.
- CONTRACTOR SHALL REMOVE DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND/OR SOUND BARRIER 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).
- THE CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
- 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.
- MAINTAIN THE INTEGRITY OF ALL EXISTING RATED WALLS, FIRE SEAL ANY PENETRATIONS WITH U.L. APPROVED ASSEMBLY.
- 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.
- 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, SMOOTHING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL, OR EXCAVATED MATERIAL WITHIN DRIP LINES.
- CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES AS NECESSARY TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AND AS REQUIRED BY GOVERNING AUTHORITIES.
- 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.
- WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
- 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.
- CONTRACTOR TO RELOCATE UTILITIES & EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL & PLUMBING REQUIREMENTS FOR NEW RENOVATION WORK.
- REFER TO DEMOLITION PLUMBING PLANS FOR EXTENT OF CONCRETE SLAB TO BE REMOVED AND REPLACED FOR UNDER FLOOR PIPING INSTALLATION.
- 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.
- NEW OPENING TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW UNTELS 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.
- 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.
- REFER TO MEP DRAWINGS FOR DEMOLITION OF MEET 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.
- PATCH FLOORS: WALLS GELINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
- WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE SURFACE TO RECEIVE NEW FLOORING.
- NOTIFY ARCHITECT & OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
- ALL DASHED LINES ARE DEMOLITION LINES UNLESS NOTED OTHERWISE.



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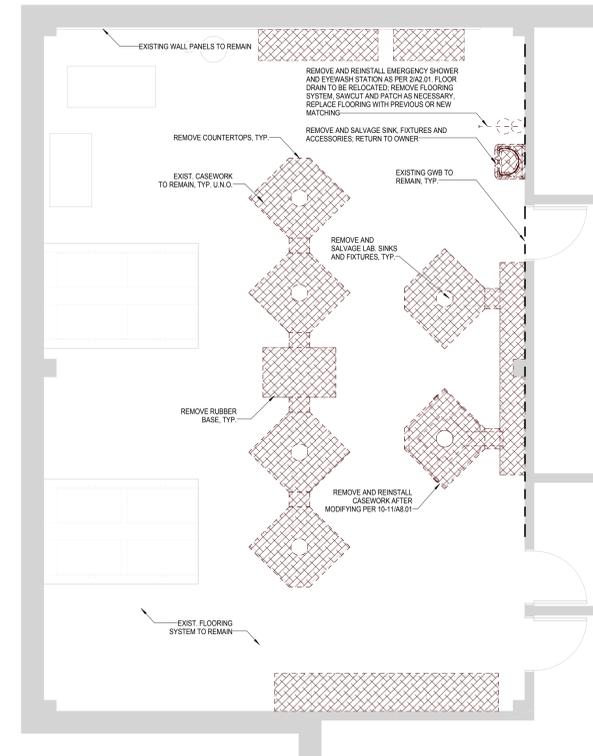
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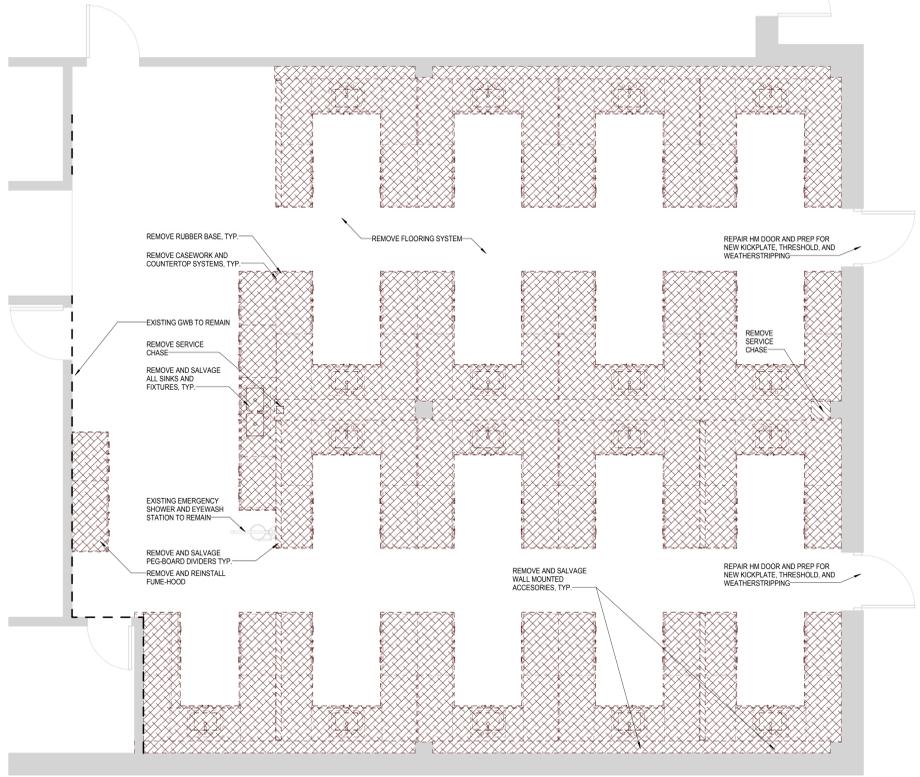
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DEMOLITION - ENLARGED FLOOR PLANS

D2.01



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



2 ENLARGED DEMOLITION PLAN - ROOM 142
1/4" = 1'-0"

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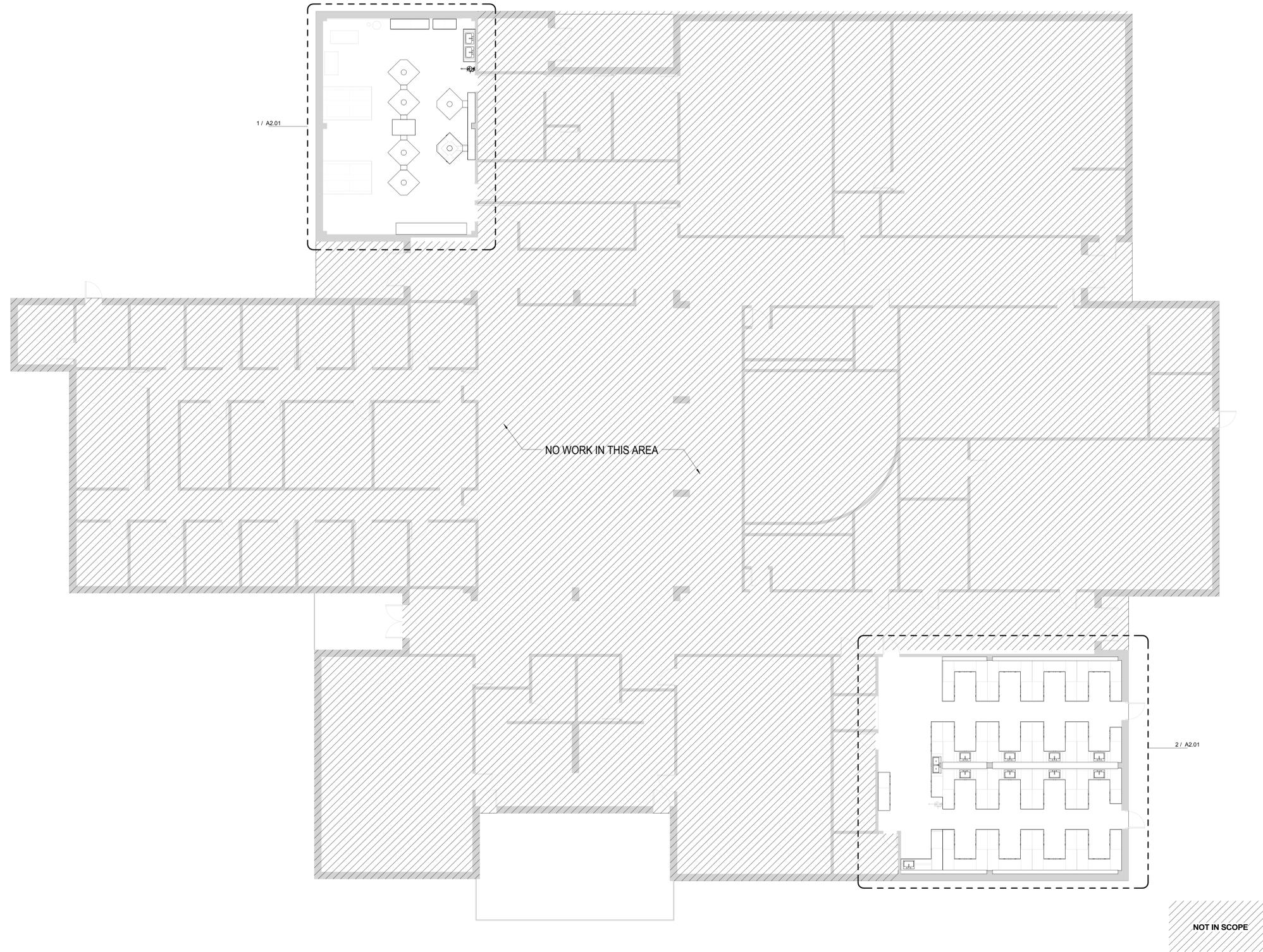
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Issue for Proposal

**COMPOSITE FLOOR
PLAN**

A2.00



CASEWORK GENERAL NOTES

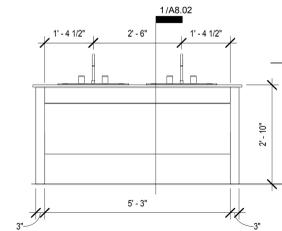
1. PROVIDE FINISHED PANELS FOR ALL EXPOSED SIDES, EDGES, FACES, AND BACKS.
2. REFER TO MEP DRAWINGS FOR ALL DATA/POWER OUTLET LOCATIONS. COORDINATE WITH ARCHITECT IN THE FIELD.
3. PROVIDE FILLER PANELS AT ALL SIDES, CORNERS, AND COLUMNS TO PREVENT THE CONTACT OF DOORS WITH ADJACENT SURFACES.
4. PROVIDE SCHEDULED BASE AT ALL BASE CABINETS WHERE REQUIRED.
5. TYPICAL COUNTERTOP, BACKSPLASH, AND ALL EXPOSED SURFACES ARE PLASTIC LAMINATE. (U.N.O.)
6. VERIFY ALL COLUMN LOCATIONS PRIOR TO INSTALLATION OF CASEWORK.
7. FLOORING SYSTEM SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF CASEWORK.
8. UTILITIES LOCATED ABOVE COUNTERTOP SHALL HAVE ORIENTATION CONFIRMED BY OWNER.
9. BACKSPLASH SHALL NOT BE NOTCHED AT ANY LOCATION WITHOUT OWNER APPROVAL.
10. PROVIDE GROMMETS AT ALL WORKSTATIONS ON COUNTER AND BELOW AS REQUIRED FOR POWER AND DATA CONNECTIONS.
11. ALL ACCESSIBLE KNEE SPACES SHALL BE MINIMUM 36" WIDE CLEAR INSIDE DIMENSION.
12. CASEWORK SHALL MEET THE CRITERIA SET FORTH IN THE AMERICANS WITH DISABILITIES ACT AND TEXAS ACCESSIBILITY STANDARDS.
13. CONTRACTOR TO VERIFY ALL LOCATIONS OF ELECTRICAL AND/OR PLUMBING WITHIN CASEWORK AND MILLWORK AND IS TO NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.
14. ALL EXPOSED CASEWORK COUNTERTOP CORNERS TO BE ROUNDED (1" MINIMUM RADIUS).



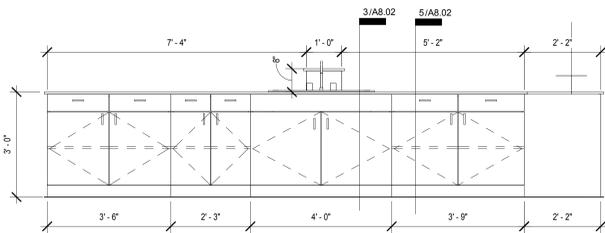
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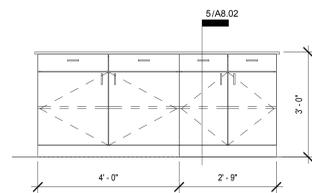
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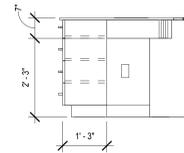
12 ADA - SINK STATION
1/2" = 1'-0"



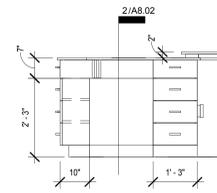
11 COMMON-USE CABINETS
1/2" = 1'-0"



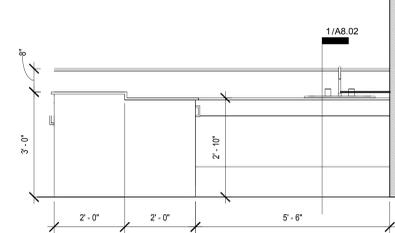
10 VENT-HOOD CABINETS
1/2" = 1'-0"



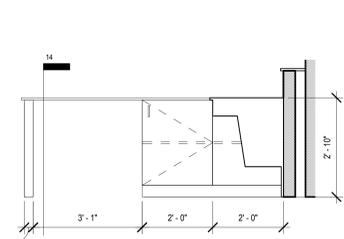
9 ADA - LAB. WORKSTATION - SIDE
1/2" = 1'-0"



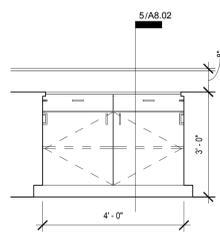
8 ADA - LAB. WORKSTATION - FRONT
1/2" = 1'-0"



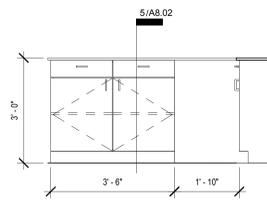
7 ADA - LABORATORY WORKSTATION
1/2" = 1'-0"



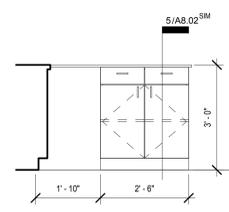
6 ADA - COMPUTER WORKSTATION
1/2" = 1'-0"



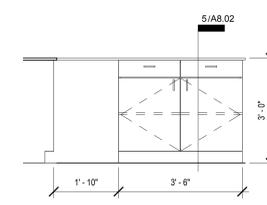
5 TYP. COMPUTER WORKSTATION - CENTER
1/2" = 1'-0"



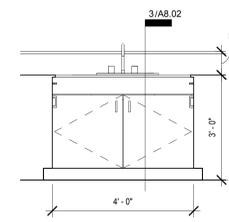
4 TYP. COMPUTER WORKSTATION - SIDE
1/2" = 1'-0"



3 LABORATORY WORKSTATION - EGRESS
1/2" = 1'-0"



2 TYP. LABORATORY WORKSTATION
1/2" = 1'-0"



1 TYP. LABORATORY WORKSTATION - SINK
1/2" = 1'-0"



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CASEWORK
ELEVATIONS

A8.01



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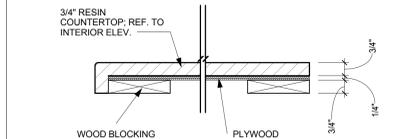
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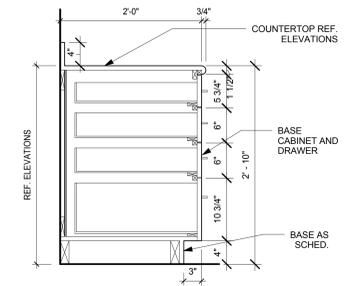
Issue for Proposal

CASEWORK
DETAILS

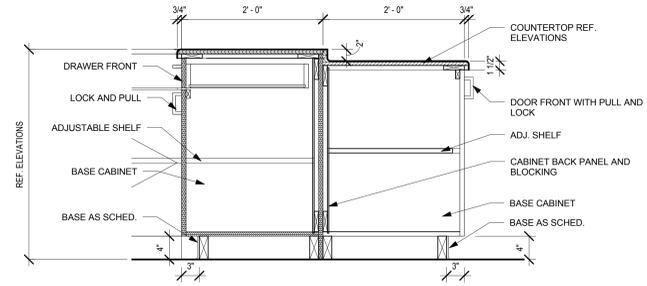
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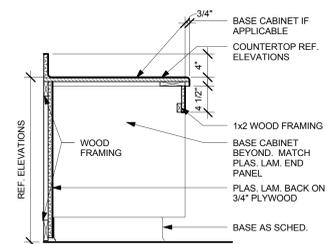
13 RESIN COUNTER TOP - NO BACKSPLASH
3\"/>



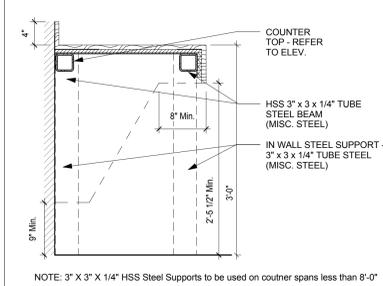
7 CASEWORK SECTION - 4 DRAWERS
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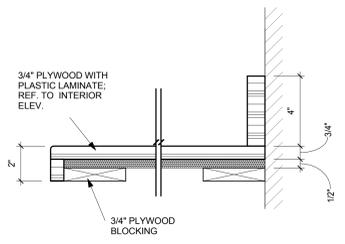
14 LAB CASEWORK SECTION - ADA
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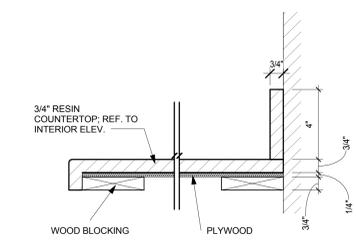
8 CASEWORK SECTION - COUNTER
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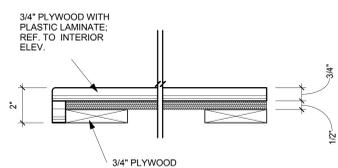
9 TYPICAL COUNTERTOP SHORT SPAN
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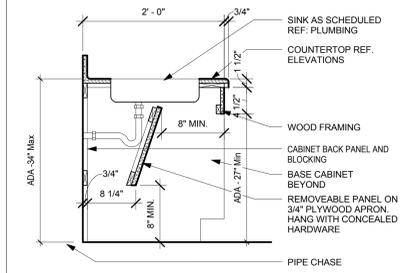
10 COUNTERTOP DETAIL - PLAM
3\"/>



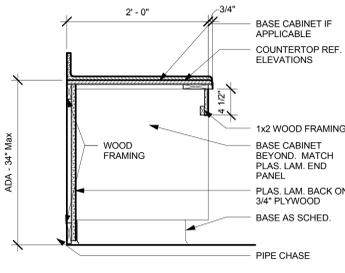
11 COUNTERTOP DETAIL - RESIN
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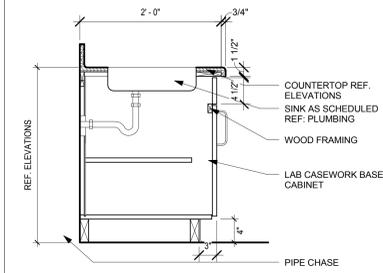
12 PLAM COUNTERTOP - NO BACKSPLASH
3\"/>



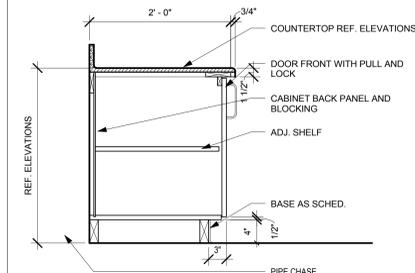
1 LAB CASEWORK SECTION - SINK ADA
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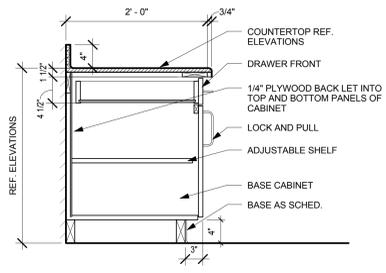
2 LAB CASEWORK SECTION - ADA
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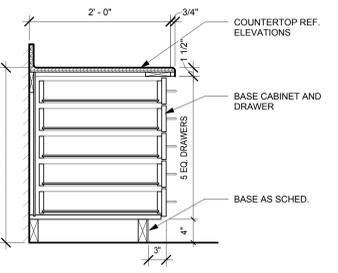
3 LAB CASEWORK SECTION - SINK
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4 LAB CASEWORK SECTION - BASE CABINET
1\"/>



5 CASEWORK - BASE CABINET
1\"/>



6 CASEWORK SECTION - 5 DRAWERS
1\"/>

