

# UMA BANGOR CAMDEN HALL SECOND FLOOR RENOVATION

BANGOR, ME

ISSUED FOR BID  
06/03/2022

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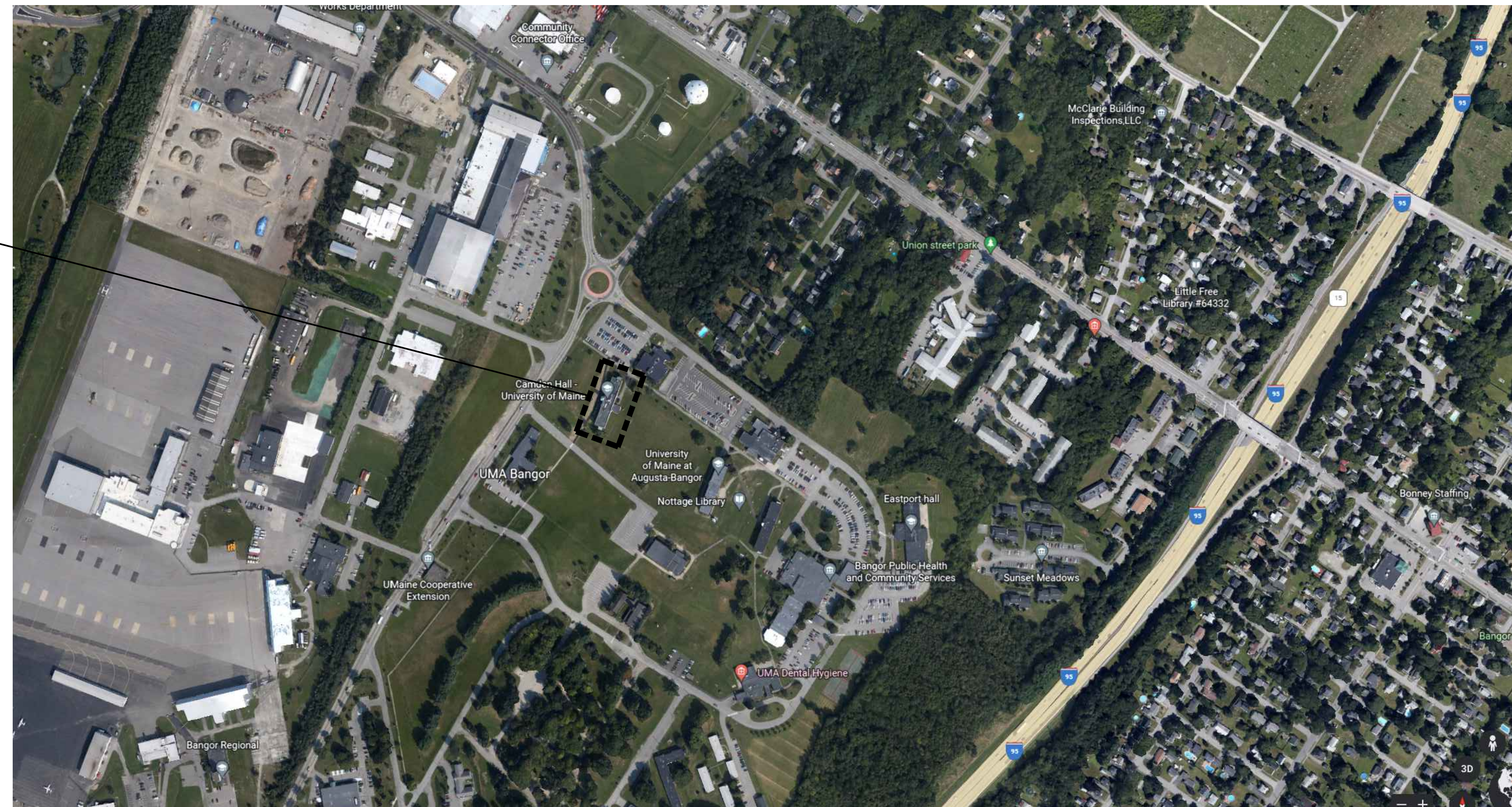
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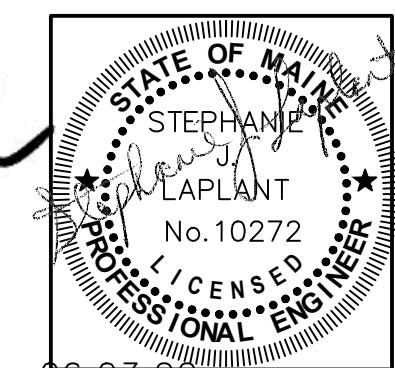
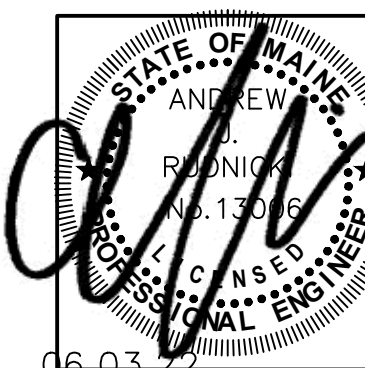
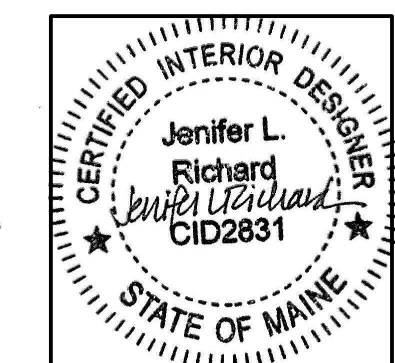
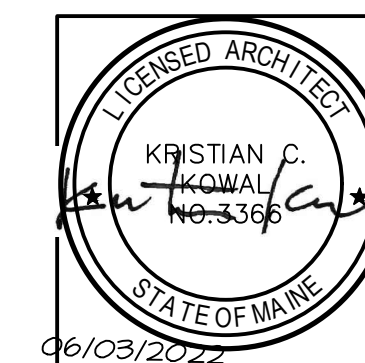
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BANGOR, MAINE 04401  
(207)947-4511  
WBRCINC.COM

SIGNATURE		DATE
OWNER :	_____	_____
ARCHITECT :	_____	_____
CONTRACTOR :	_____	_____

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0	ISSUED FOR BID	06/03/2022	
REV	DESCRIPTION	DATE	



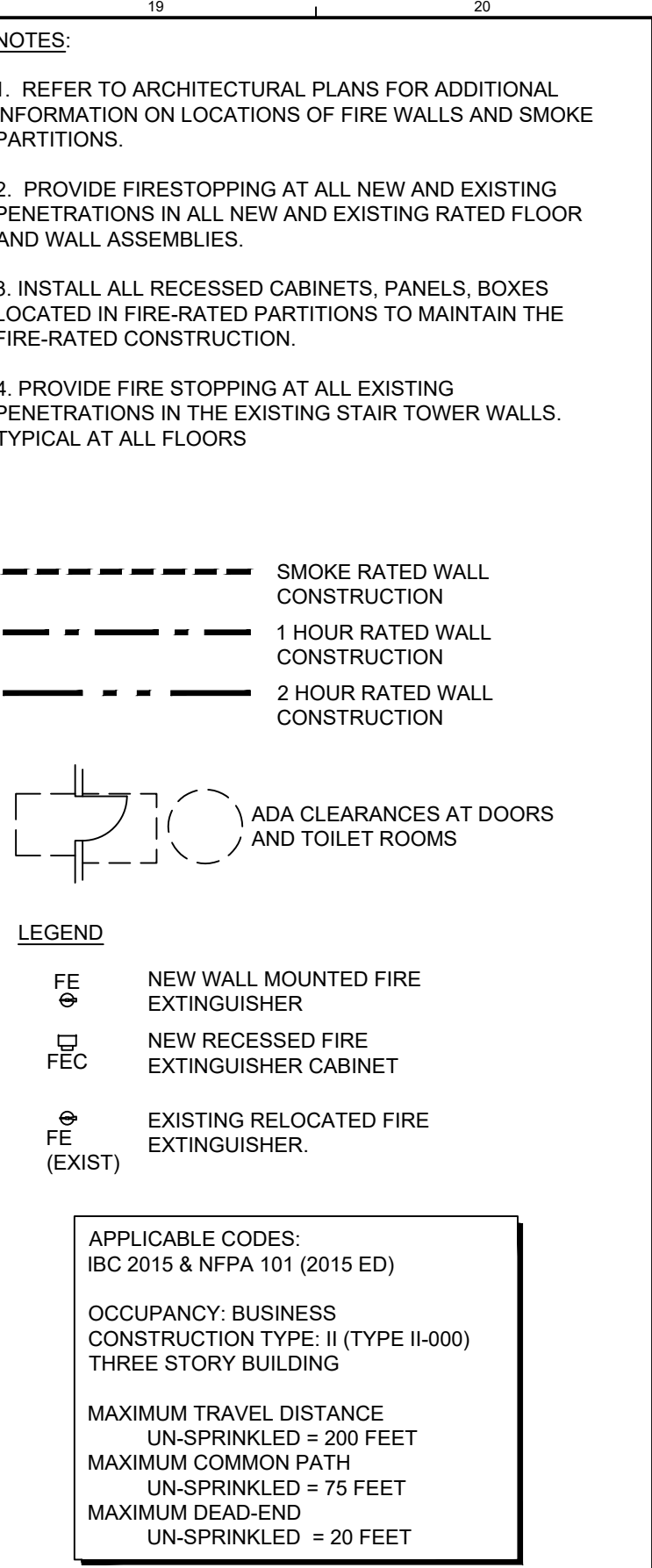
SHEET No.  
GI001

PROJECT No.
10089002

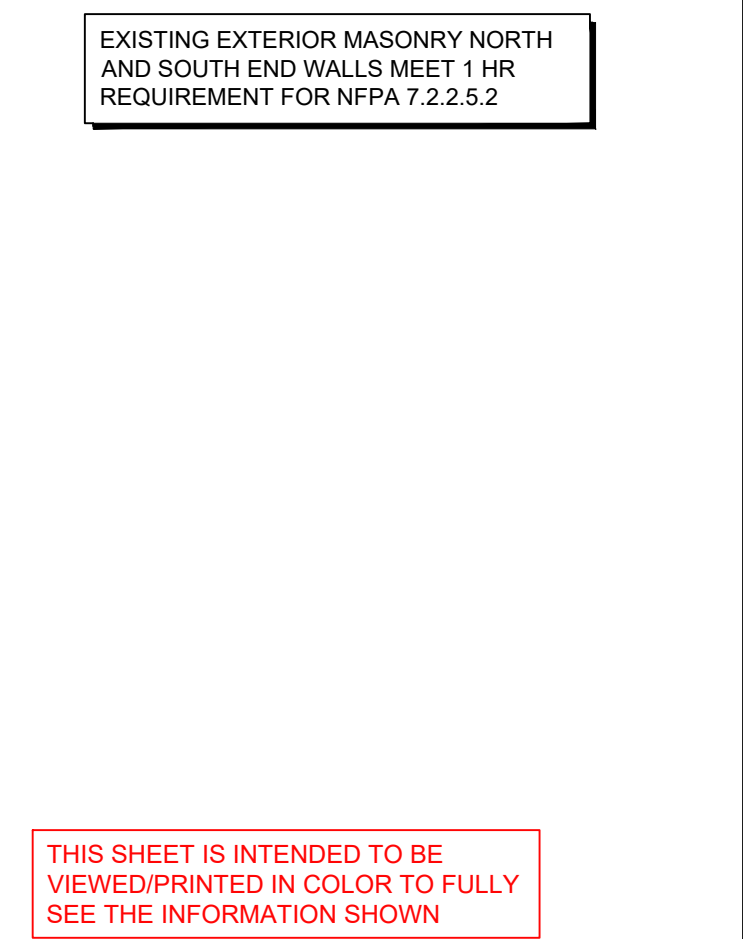




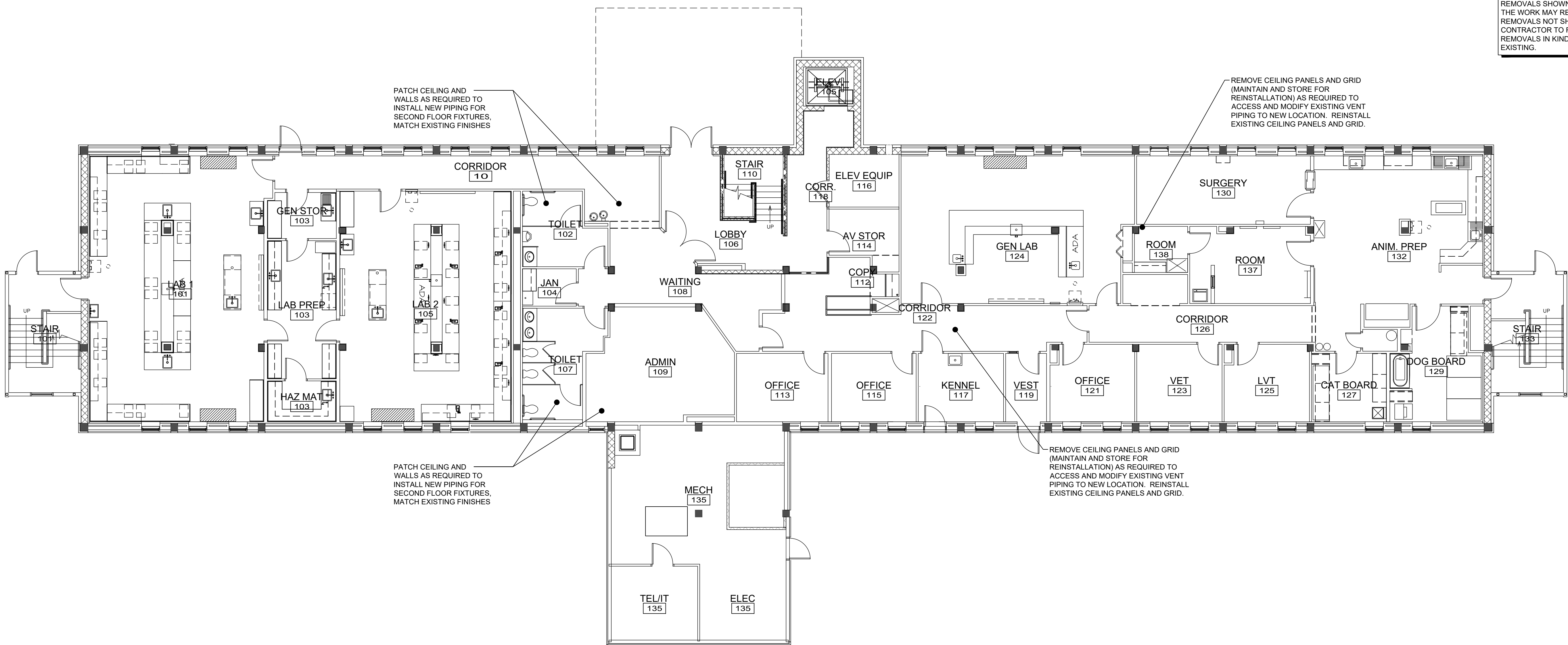




G1	SECOND FLOOR CODE COMPLIANCE AND FIRE PROTECTION PLAN
1/8" = 1'-0"	--







GENERAL NOTES:

- ALL INTERIOR PARTITION TYPES ARE M7 TYPE UNLESS OTHERWISE NOTED. SEE SHEET AE501 FOR PARTITION TYPES INDICATED ON THIS DRAWING. TYPICAL AT ALL EXTERIOR WALLS IN OCCUPIED SPACES PROVIDE M12 WALL.
- REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
- ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT. CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN AWKWARD OR IMPROPER INSTALLATION NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT ITS EXPENSE AND AT NO ADDITIONAL COST TO OWNER OR ARCHITECT.
- DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. ALL DIMENSIONS ARE GIVEN TO FACE OF STUD, FACE OF MASONRY OR FACE OF CONCRETE. ALL WALL AND PARTITION THICKNESS DIMENSIONS ARE NOMINAL. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION.
- SEE SHEET AE502 FOR CASEWORK DETAIL AND INFORMATION.
- FOR TYPICAL MOUNTING HEIGHTS SEE SHEET AE501.
- SEE SHEET G1003 FOR REFERENCE PLAN INDICATING FIRE RATED PARTITIONS AND SPACES. ALL MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRESEALED AND/OR HAVE FIRE DAMPERS EQUIVALENT TO THE HOURLY FIRE RATING OF THE CONSTRUCTION.
- DASHED PLAN ELEMENTS WILL BE PROVIDED BY OWNER ARE SHOWN FOR COORDINATION ONLY.
- DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
- FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE, UNLESS OTHERWISE NOTED.
- WHEN UNDIMENSIONED DOORS APPEAR IN PARTITIONS, THE DOOR WIDTH AND DOOR FRAME DETAILS DETERMINE THE LOCATION OF THE DOORS AND FRAMES. SEE DETAIL A15/AE601. FOR THE TYPICAL SPACING.
- ENLARGED PLANS FOR DIMENSIONS OF STAIRS, TOILETS AND ELEVATOR SHAFTS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL PROVIDE STIFFENERS, BRACING, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
- INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.
- G.C. SHALL COORDINATE ALL MECHANICAL AND ELECTRICAL FLOOR, ROOF AND WALL SLEEVES AND ALL MECHANICAL SHAFTS WITH MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
- REFER TO MECHANICAL AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURERS TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATIONS, SPRING ISOLATION, ETC. NOT SHOWN ON THE DRAWINGS.

J1 FIRST FLOOR PLAN

1/8" = 1'-0"

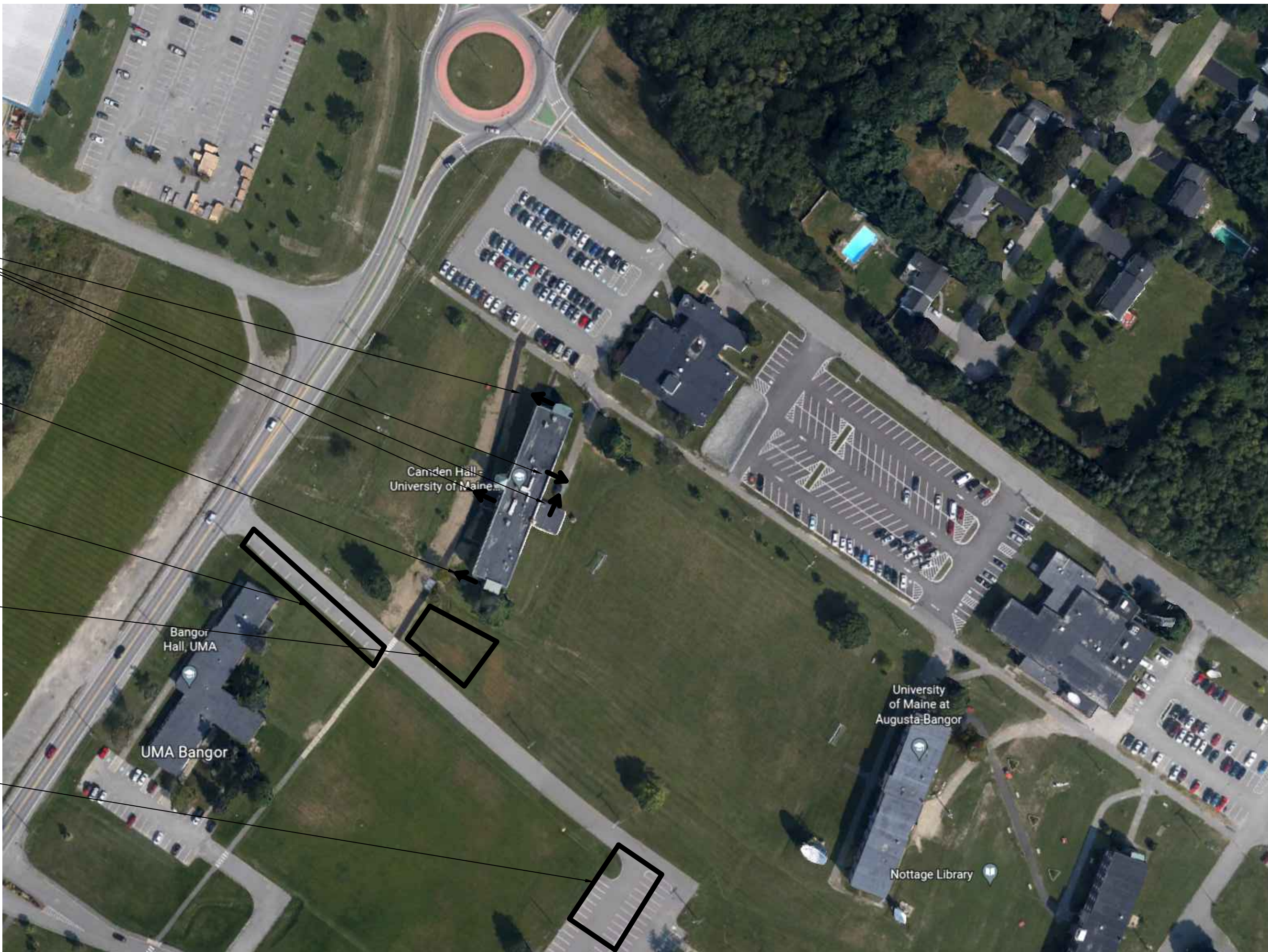
EXITS FROM BUILDING

PROPOSED PRIMARY CONTRACTOR ACCESS DOOR FOR BUILDING MAINTAIN EMERGENCY EGRESS THROUGH PROJECT.

PROPOSED PRIMARY PARKING FOR CONTRACTOR FOR PROJECT

PROPOSED PRIMARY LAYDOWN SPACE FOR CONTRACTOR.

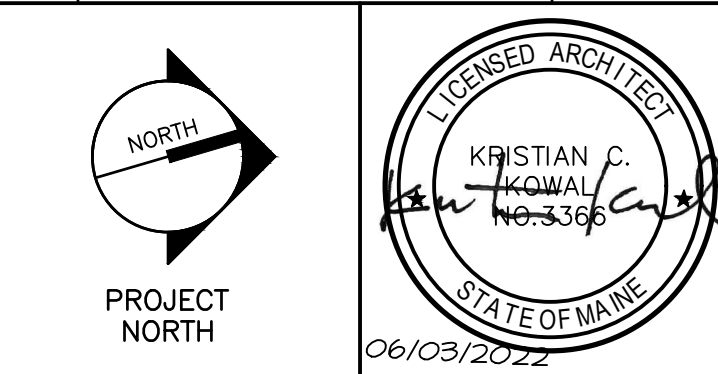
PROPOSED SECONDARY PARKING FOR CONTRACTORS/SUBS FOR PROJECT.



A8 SITE REFERENCE PLAN

N.T.S.

REV.	DESCRIPTION	DATE
0	ISSUED FOR BID	06/03/2022



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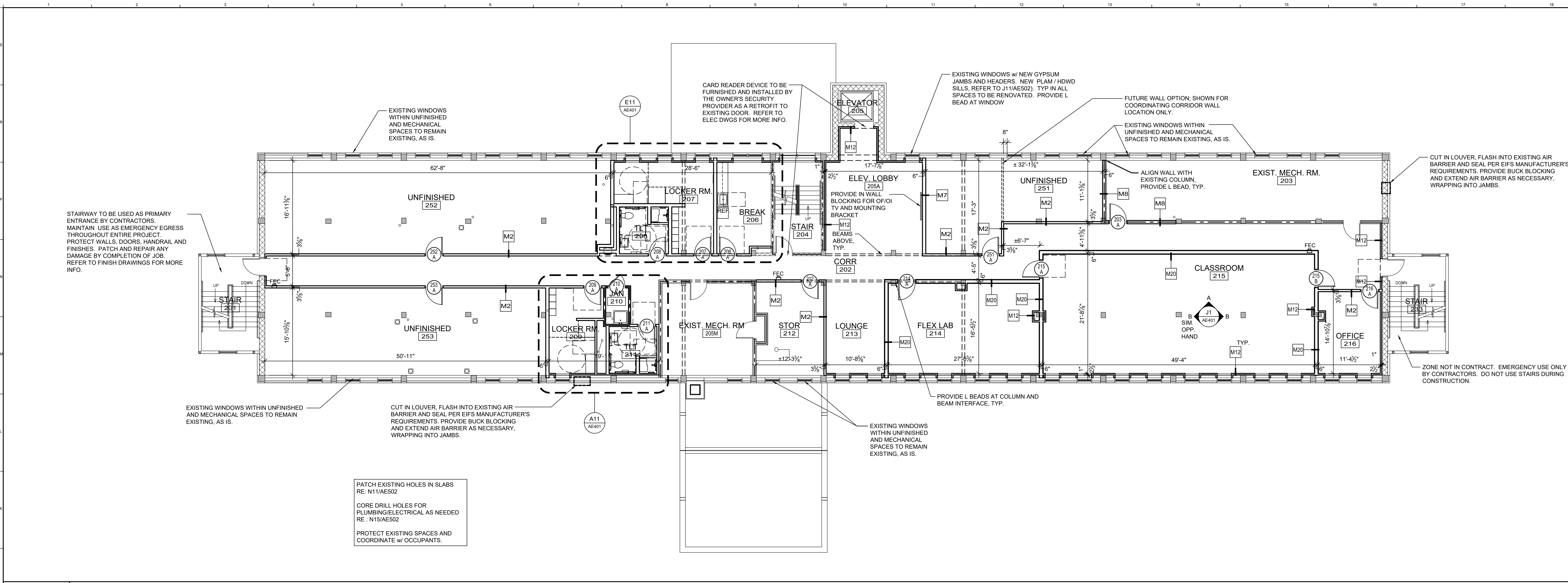
UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT: BANGOR, ME  
FIRST FLOOR PLAN

SHEET TITLE:	10089002 - AE101
WBRC CAD FILE:	10089002
PROJECT No:	10089002
SCALE:	AS NOTED
PICPM:	KCK/JLR
DRAWN BY:	RAD
DATE OF RECORD:	KCK
SHEET No:	AE101

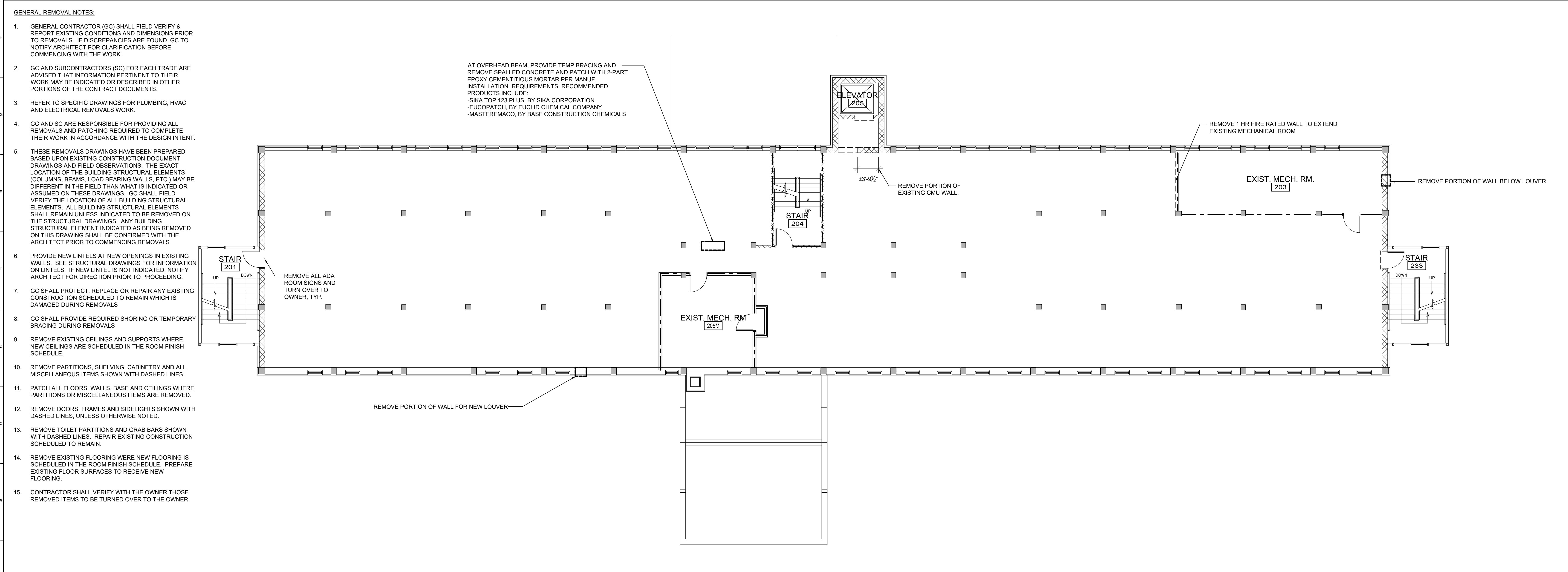


Jun 03, 2022 - 4:39pm - SHEET SIZE: 30x42  
T:\02 Projects\1000-1100\10089002 - UMA Bangor Camden Hall 2nd Floor\DESIGN\UMA Bangor Camden Hall 2nd Floor\DESIGN\0089002-AE102 SECOND FLOOR PLAN AND REMOVALS PLAN.dwg (wjb) adalys



**J1 SECOND FLOOR PLAN**

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

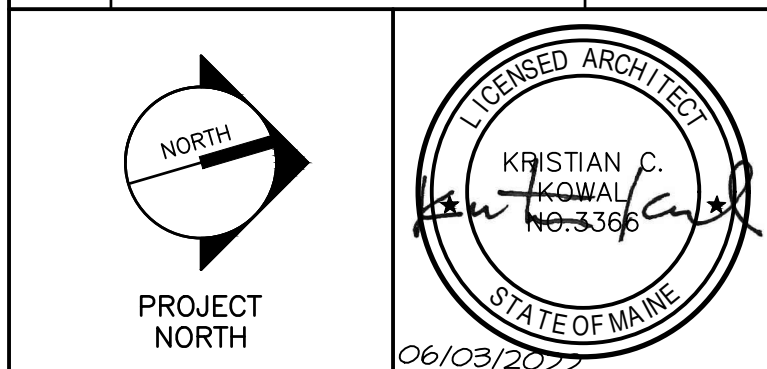


**A1 SECOND FLOOR REMOVALS PLAN**

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

- GENERAL NOTES:**
- ALL INTERIOR PARTITION TYPES ARE M7 TYPE UNLESS OTHERWISE NOTED. SEE SHEET AE501 FOR PARTITION TYPES INDICATED ON THIS DRAWING. TYPICAL AT ALL EXTERIOR WALLS IN OCCUPIED SPACES PROVIDE M12 WALL.
  - REFER TO ALL DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS AND SYMBOLS.
  - ALL DRAWINGS ARE OF EQUAL IMPORTANCE IN DEFINING THE WORK OF THE CONTRACT. CONTRACTORS SHALL REVIEW ALL DOCUMENTS, CONTRACTORS SHALL REVIEW ALL DRAWINGS BEFORE THE INSTALLATION OF THEIR WORK. SHOULD THERE BE A DISCREPANCY WITHIN AND BETWEEN THE DRAWINGS THAT WOULD CAUSE AN UNUSUAL OR IMPROPER INSTALLATION NOTIFY ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY CONTRACTOR AT ITS EXPENSE AND AT NO ADDITIONAL COST TO OWNER OR ARCHITECT.
  - DO NOT SCALE DRAWINGS. THE DRAWINGS ARE NOT NECESSARILY TO SCALE - USE GIVEN DIMENSIONS. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT THE JOB SITE PRIOR TO THE START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, NOTIFY ARCHITECT FOR CLARIFICATION BEFORE COMMENCING THE WORK. ALL DIMENSIONS ARE GIVEN TO FACE OF STUD, FACE OF MASONRY OR FACE OF CONCRETE. ALL WALL AND PARTITION THICKNESS DIMENSIONS ARE NOMINAL. SEE WALL SECTIONS AND PARTITION TYPES FOR EXACT CONSTRUCTION.
  - SEE SHEET AE502 FOR CASEWORK DETAIL AND INFORMATION.
  - FOR TYPICAL MOUNTING HEIGHTS SEE SHEET AE501.
  - SEE SHEET G003 FOR REFERENCE PLAN INDICATING FIRE RATED PARTITIONS AND SPACES. ALL MECHANICAL, ELECTRICAL AND PLUMBING PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SLEEVED AND FIRESEALED AND/OR HAVE FIRE DAMPERS EQUIVALENT TO THE HOURLY FIRE RATING OF THE CONSTRUCTION.
  - DASHED PLAN ELEMENTS WILL BE PROVIDED BY OWNER ARE SHOWN FOR COORDINATION ONLY.
  - DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT ARCHITECT BEFORE PROCEEDING WITH THE WORK.
  - FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE, UNLESS OTHERWISE NOTED.
  - WHEN UNDIMENSIONED DOORS APPEAR IN PARTITIONS, THE DOOR WIDTH AND DOOR FRAME DETAILS DETERMINE THE LOCATION OF THE DOORS AND FRAMES. SEE DETAIL A15/AE601. FOR THE TYPICAL SPACING.
  - ENLARGED PLANS FOR DIMENSIONS OF STAIRS, TOILETS AND ELEVATOR SHAFTS UNLESS OTHERWISE NOTED.
  - CONTRACTOR SHALL PROVIDE STIFFENERS, BRACING, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL CASEWORK, TOILET ROOM ACCESSORIES, TOILET PARTITIONS AND MISCELLANEOUS EQUIPMENT WHETHER SUCH SUPPORTS ARE SHOWN OR NOT.
  - INSTALL ALL RECESSED CABINETS, PANELS, BOXES LOCATED IN FIRE-RATED PARTITIONS TO MAINTAIN THE FIRE-RATED CONSTRUCTION.
  - G.C. SHALL COORDINATE ALL MECHANICAL AND ELECTRICAL FLOOR, ROOF AND WALL SLEEVES AND ALL MECHANICAL SHAFTS WITH MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
  - REFER TO MECHANICAL AND ELECTRICAL CONTRACTORS DRAWINGS AND MANUFACTURERS TEMPLATE DRAWINGS FOR ALL MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, BOLT SETTING TEMPLATES, ISOLATIONS, SPRING ISOLATION, ETC. NOT SHOWN ON THE DRAWINGS.

REV.	DESCRIPTION	DATE
0	ISSUED FOR BID	06/03/2022



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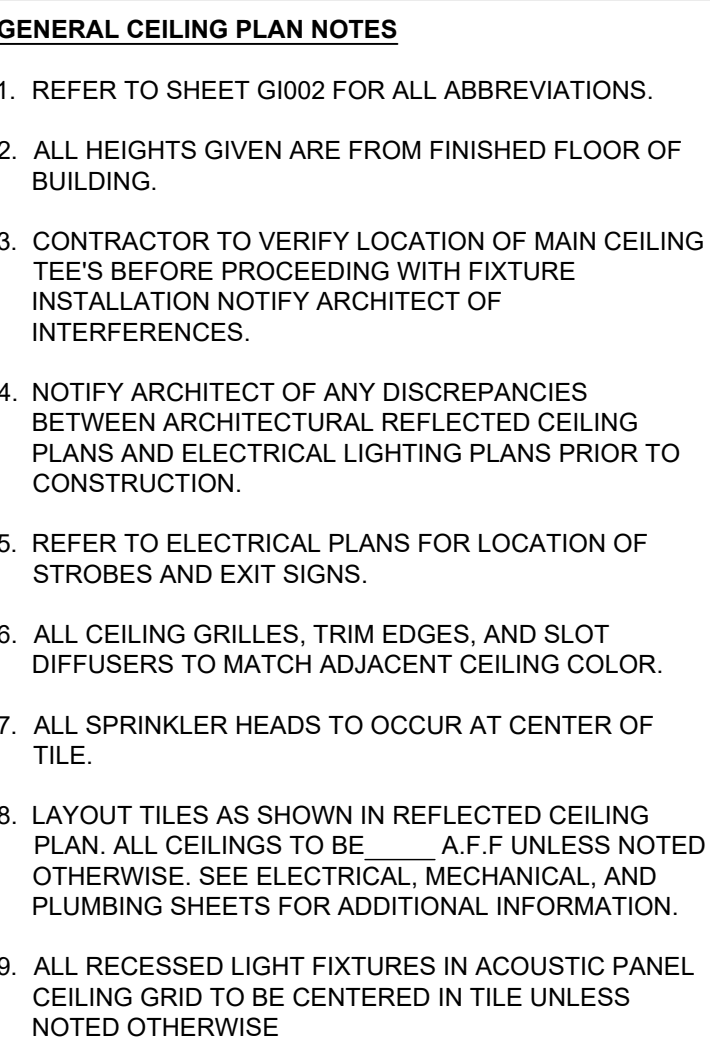
**UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION**

PROJECT: BANGOR, ME  
**SECOND FLOOR PLAN AND  
REMOVALS PLAN**

SHEET TITLE: 10089002 - AE102  
WBRC CAD FILE: 10089002  
PROJECT No: 10089002  
SCALE: AS NOTED  
PLOTTER: KCK/JLR  
DRAWN BY: RAD  
DATE OF RECORD: KCK

SHEET No: **AE102**





ELECTRICAL SYMBOLS INDICATING LIGHTING LOCATIONS. REFER TO E SHEETS FOR SIZE / TYPE OF LIGHTING FIXTURES.

MECHANICAL SYMBOLS INDICATING  
SUPPLY DIFFUSER OR  
EXHAUST/RETURN GRILLE  
LOCATIONS. REFER TO MH SHEETS  
FOR SIZE / TYPE OF DIFFUSER /  
GRILLE.

2'-0"x2'-0" ACOUSTICAL TILE CEILING  
& METAL SUSPENSION GRID.

NEW 5/8" GYPSUM WALL BOARD  
CEILING OR SOFFIT.

$$1/8" = 1'-0"$$

### ISH NOTES

1. REFER TO ARCHITECTURAL ABBREVIATIONS ON SHEET G1002 FOR ALL ABBREVIATIONS SHOWN. ABBREVIATIONS INCLUDED ON THIS SHEET INCLUDE:

CG - CORNER GUARD  
CPT - CAPRET  
CT - CERAMIC TILE  
ETR - EXISTING TO REMAIN  
EWG - END WALL GUARD  
FRP - GLASS FIBER REINFORCED PLASTIC  
PANELING  
LVT - LUXURY VINYL TILE  
PLAM - PLASTIC LAMINATE  
PT - PAINT  
SV - SHEET VINYL  
WAIN - WAINSCOT  
WB - RESILIENT WALL BASE  
WD - WOOD

2. REFER TO SPECIFICATIONS FOR PRODUCT INFORMATION.

3. REFER TO ALL DRAWINGS FOR MORE FINISH INFORMATION, INCLUDING FLOOR PLANS, INTERIOR ELEVATIONS AND REFLECTED CEILING PLANS.

4. WALL, FLOOR, AND BASE FINISH TRANSITIONS ARE TO OCCUR ON INSIDE CORNERS U.N.O. VERIFY QUESTIONABLE FIELD CONDITIONS WITH ARCHITECT. INSTALL NEW RESILIENT TRANSITION STRIPS WHERE NEW FLOORING MATERIAL ABUTS DISSIMILAR FLOORING MATERIAL. FLOORING CONTRACTOR TO VERIFY LOCATION AND STYLE OF FLOORING TRANSITION STRIPS BEFORE INSTALLATION. CENTERLINE OF FLOORING TRANSITIONS BETWEEN ROOMS TO ALIGN WITH EDGE OF DOOR LEAF WHERE DISSIMILAR MATERIALS ARE BEING USED. U.N.O.

5. PAINT DESIGNATIONS INDICATE COLOR ONLY. REFER TO THE SPECIFICATIONS FOR PAINT TYPE, SUBSTRATES AND SHEEN INFORMATION. UNLESS NOTED OTHERWISE, PAINT COLORS TO BE USED AS FOLLOWS:

PT-1: CEILINGS AND UTILITIES  
PT-2: HM FRAMES AND DOORS  
PT-3: TYPICAL WALLS  
PT-4 THRU 6: ACCENT WALLS



RM No.	ROOM NAME	FIELD	BASE	WALL FINISH	MILLWORK			REMARKS
					CABINET	COUNTERTOP	OTHER	
201	STAIR	ETR	ETR	PT				REFER TO FIN. PLAN FOR MORE INFO
202	CORR	LVT	WB	PT				
203	EXIST. MECH. RM.	ETR						
204	STAIR	ETR						REFER TO FIN. PLANS FOR MORE INFO
205	ELEVATOR	ETR						
205A	ELEV LOBBY	LVT	WB	PT				
205M	EXIST. MECH. RM	ETR						
206	BREAK	LVT	WB	PT	WD	PLAM		
207	LOCKER RM.	LVT	WB	PT				
208	TLT	CT-1	CT-2	CT-2				PREFAB SHOWER PAN w/ CT WALLS
209	LOCKER RM.	LVT	WB	PT				
210	JAN	SV	WB	42" FRP WAIN w/ PT ABV				
211	TLT	CT-1	CT-2	CT-2				PREFAB SHOWER PAN w/ CT WALLS
212	STOR	LVT	WB	PT				
213	LOUNGE	CPT	WB	PT				
214	FLEX LAB	LVT	WB	PT				
215	CLASSROOM	CPT	WB	PT				
216	OFFICE	CPT	WB	PT				
233	STAIR	ETR						REFER TO FIN. PLANS FOR MORE INFO
251	UNFINISHED	ETR						
252	UNFINISHED	ETR						
253	UNFINISHED	ETR						

A1	SECOND FLOOR FINISH PLAN
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$$1/8" = 1'-0"$$



[illegible][illegible]

- [illegible]

[illegible][illegible][illegible]

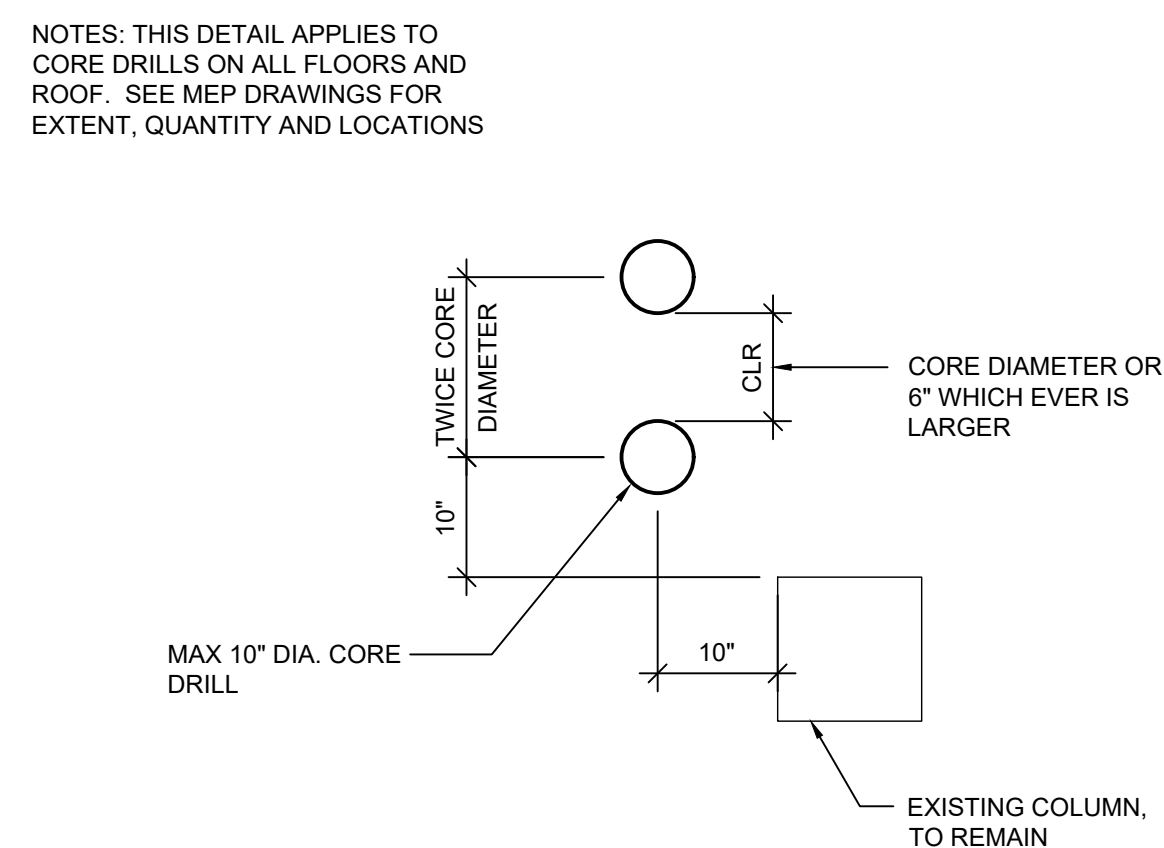
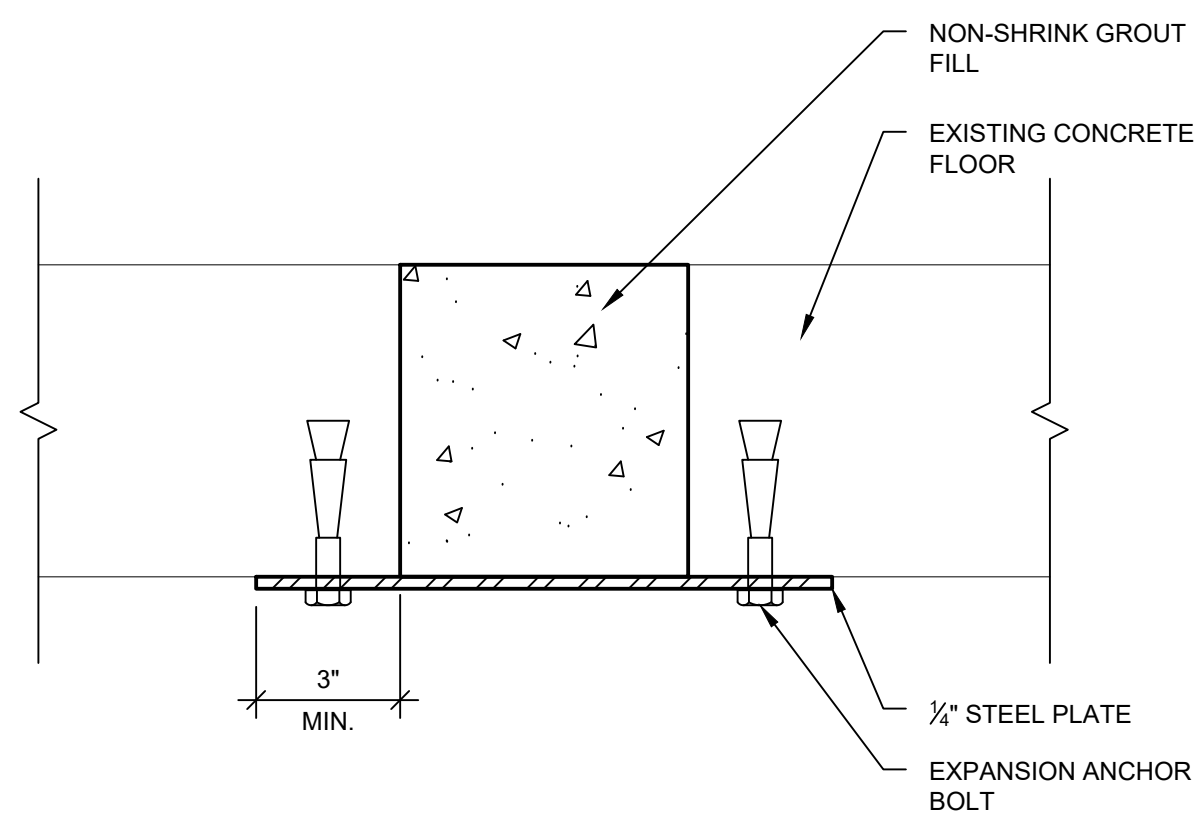
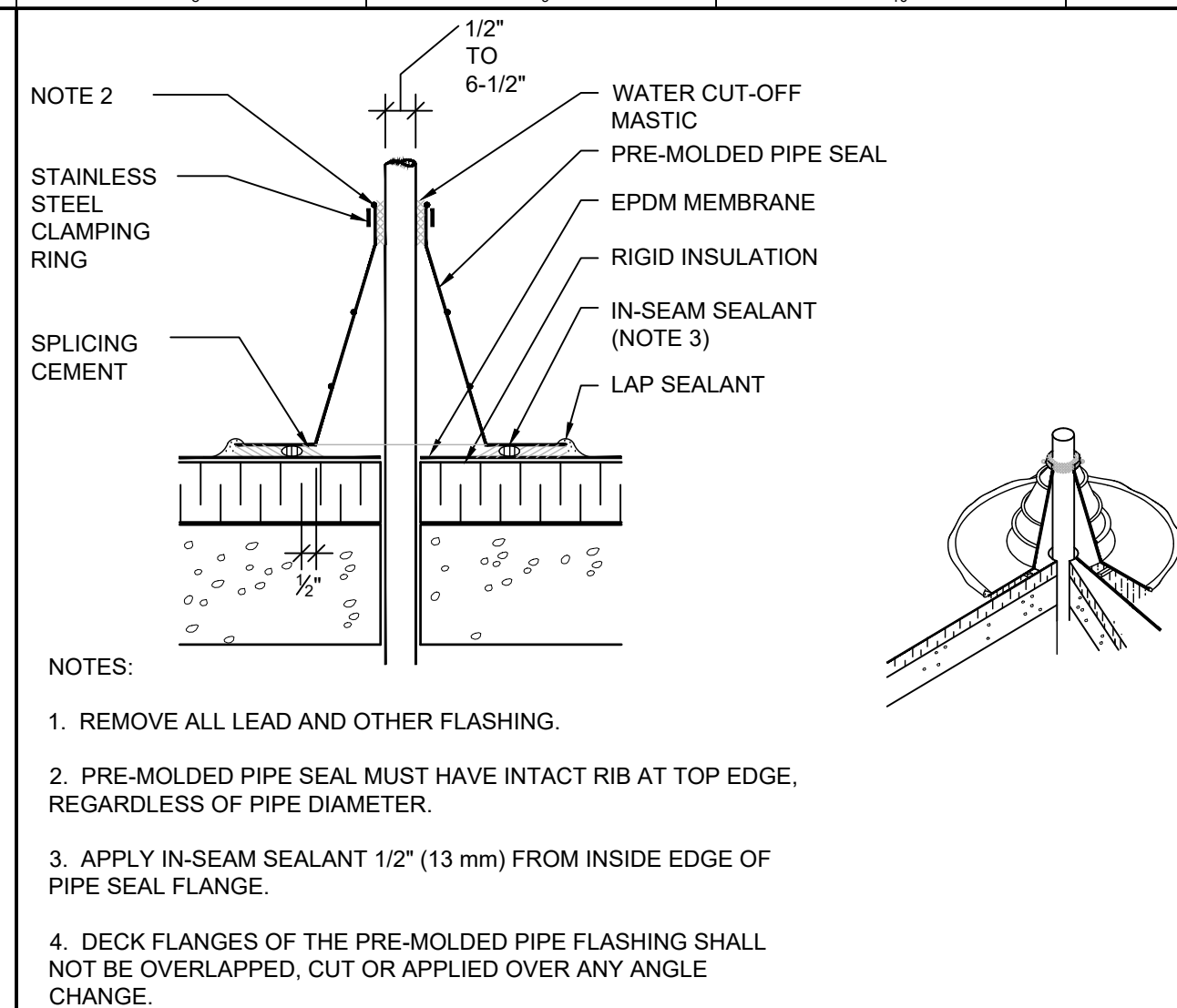
 <p><b>PROJECT NORTH</b></p>	 <p><i>06/03/2022</i></p>
 <p>WBRC INC. COM</p>	
<p><b>UMA BANGOR CAMDEN HALL SECOND FLOOR RENOVATION</b></p>	
PROJECT:	BANGOR, ME
<p><b>ENLARGED PLAN AND ELEVATIONS</b></p>	
SHEET TITLE:	
WBRC CAD FILE:	10089002
PROJECT No:	10089002 - AE401
SCALE:	AS NOTED
FIGURE:	KCKJLR
DRAWN BY:	RAD
A/E OF RECORD:	KCK
GRAPHIC SCALE:	0" 
SHEET No:	<b>AE401</b>

1





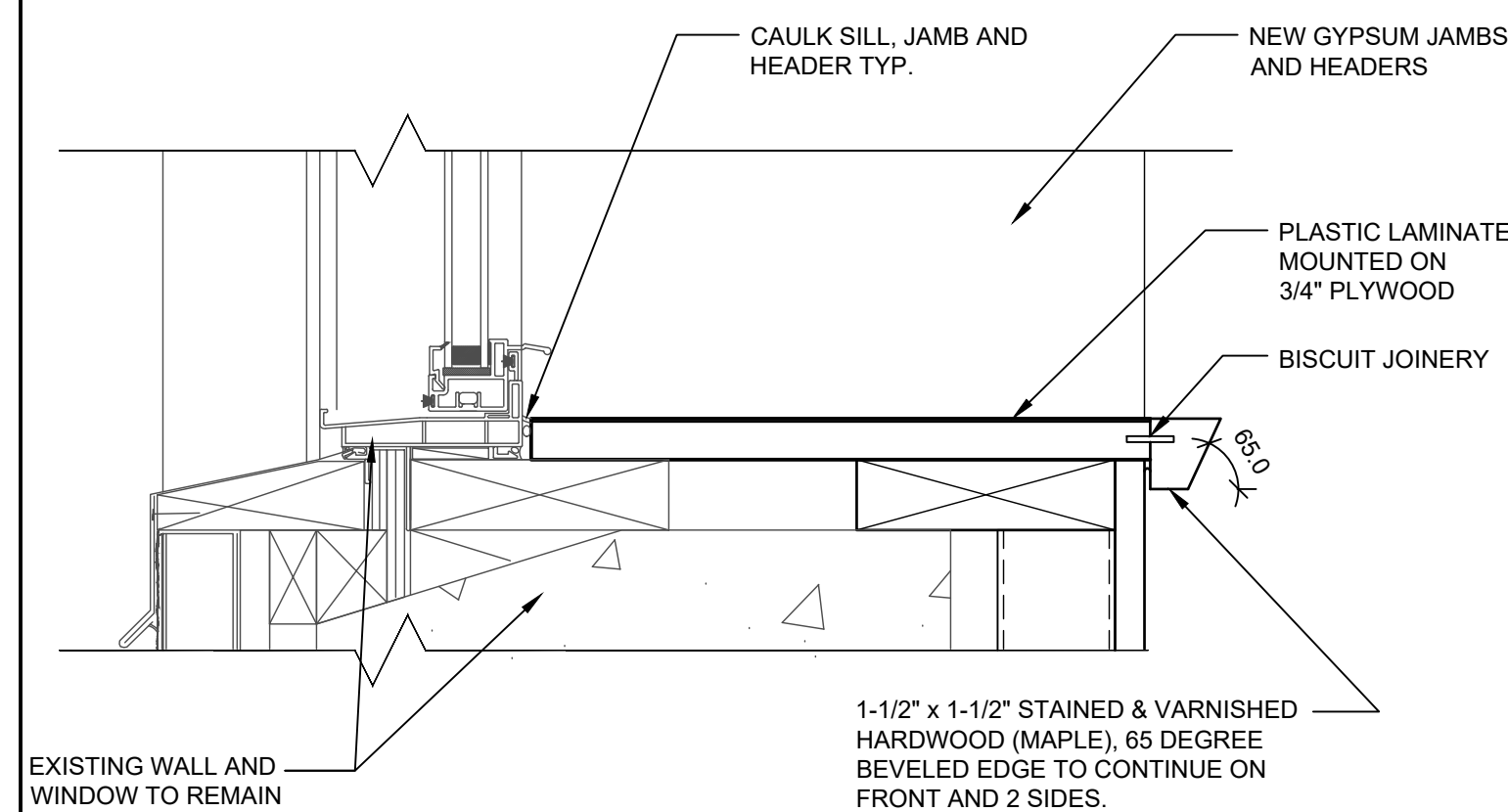




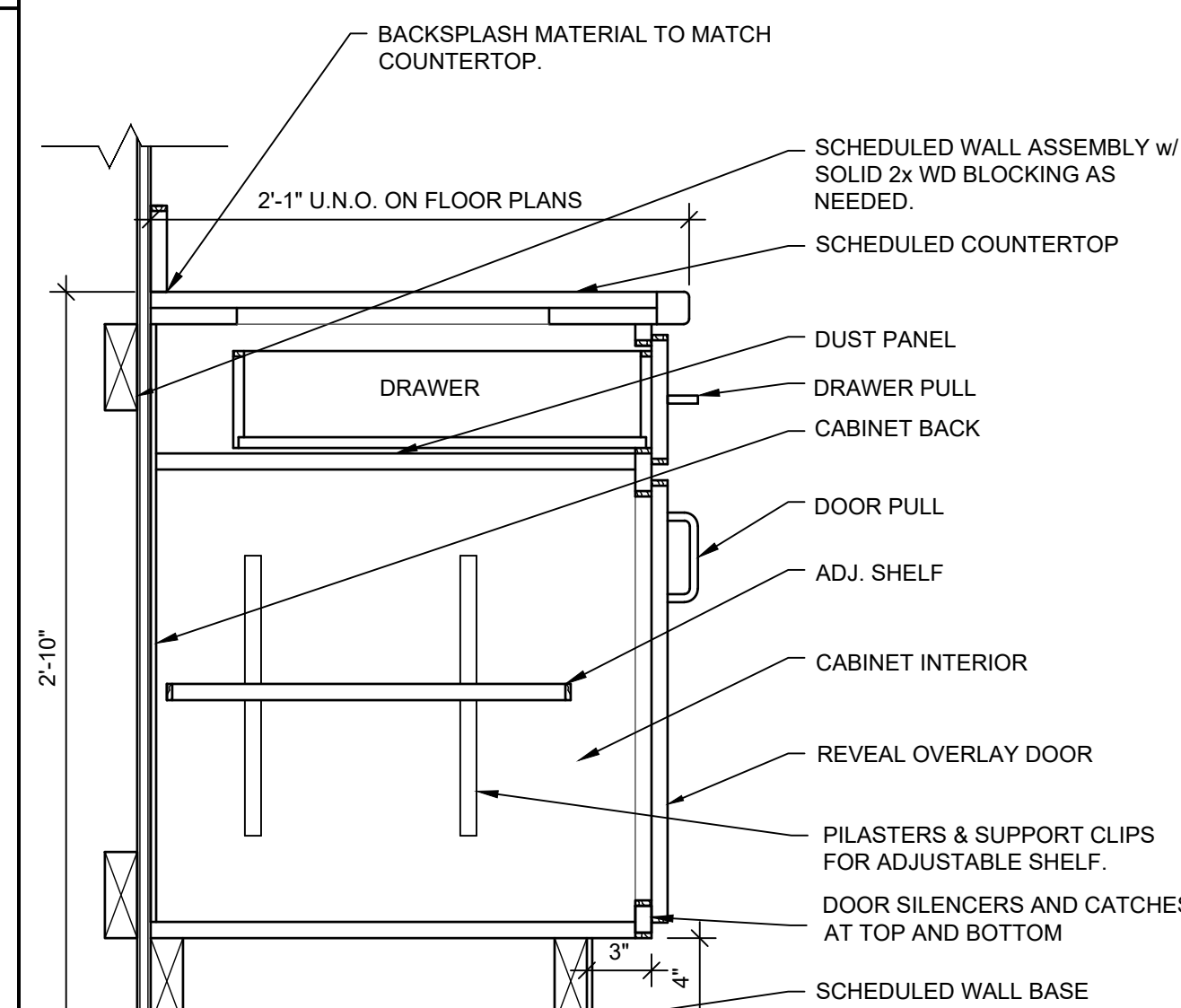
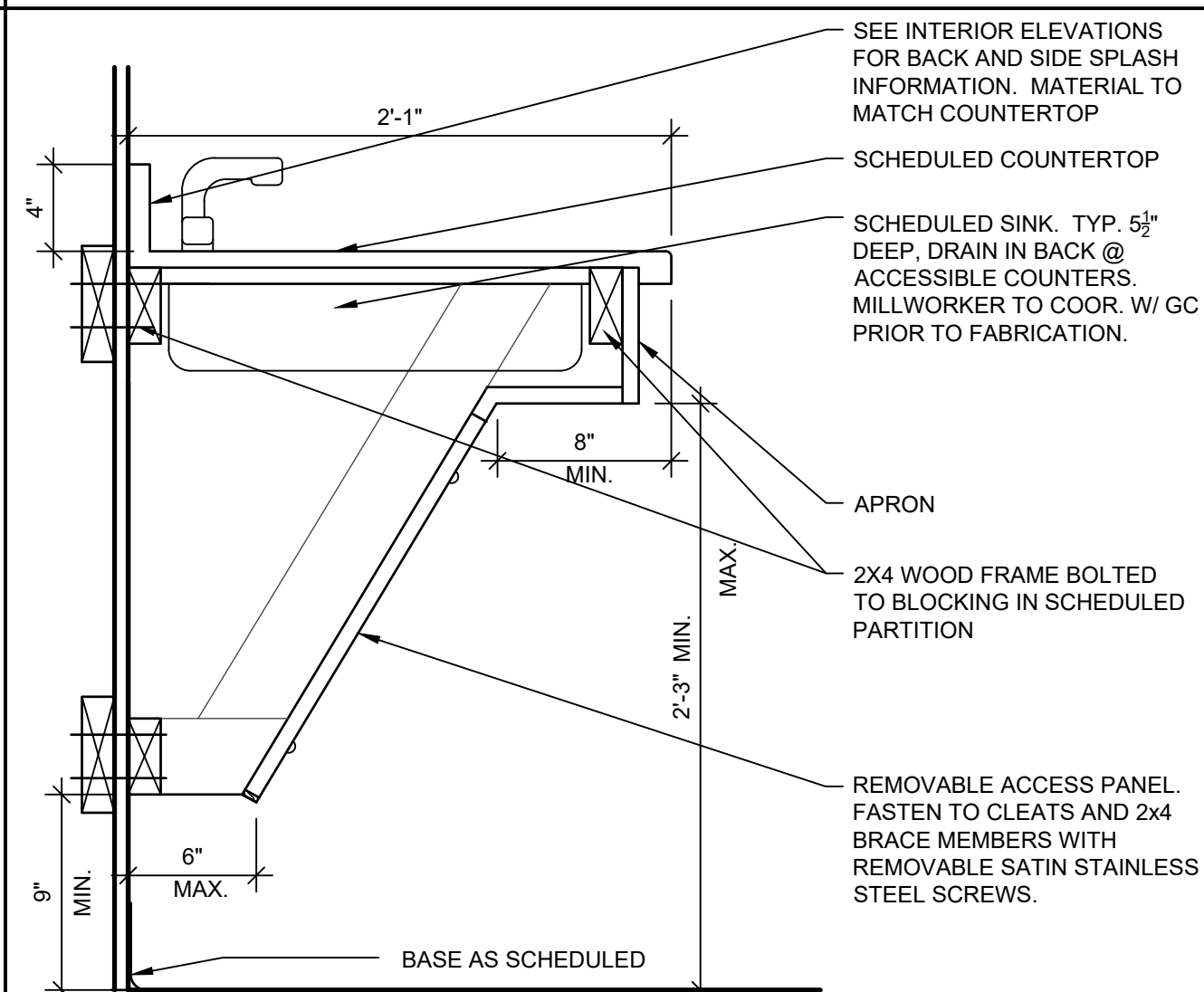
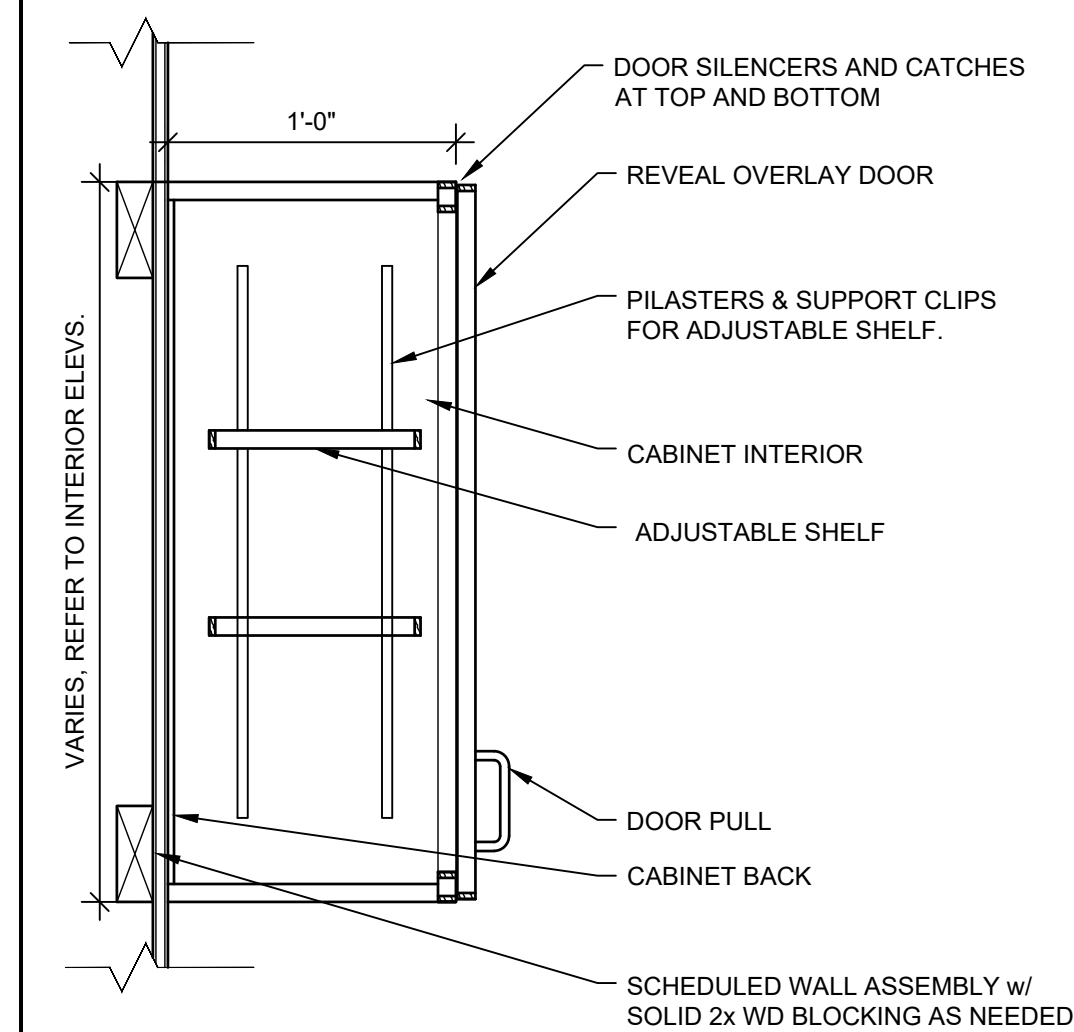
N8	VENT PIPE FLASHING
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N11	FLOOR INFILL DETAIL
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N15	TYPICAL CORE IN FLOOR/ROOF SLAB
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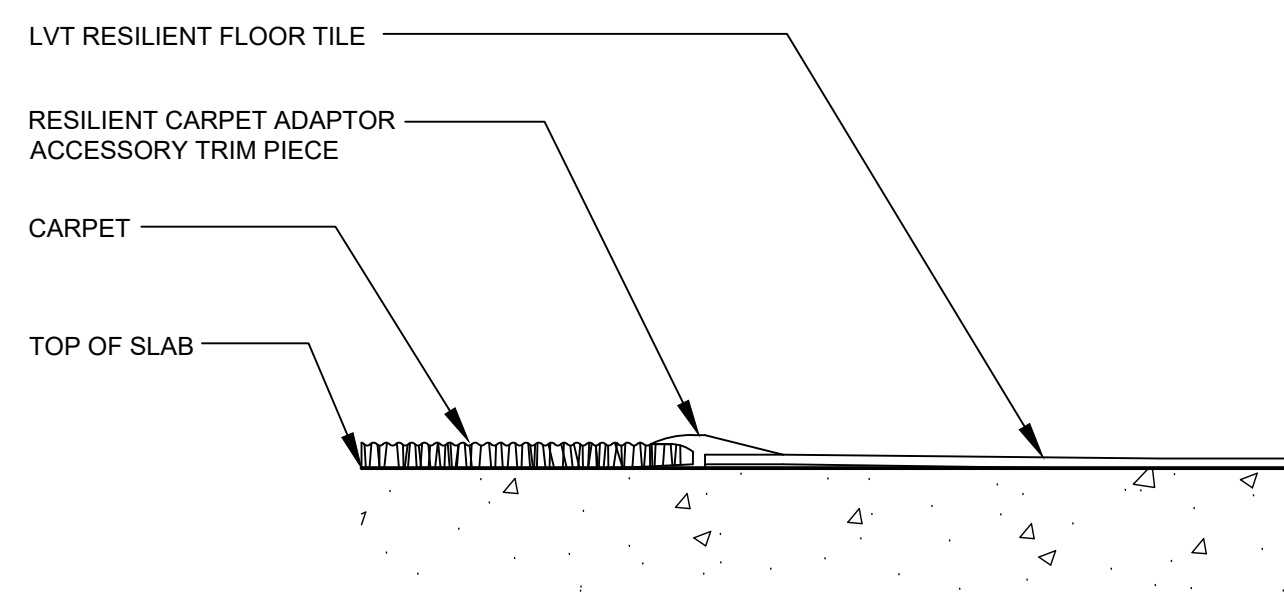
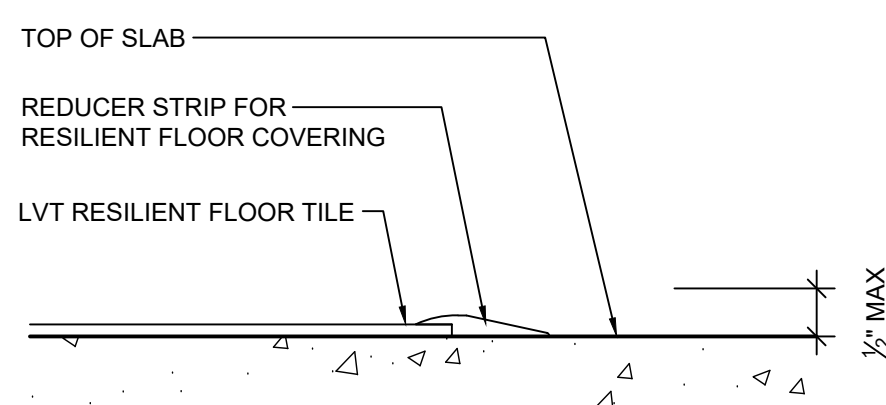


J15 | TYP. WINDOW SILL DETAIL



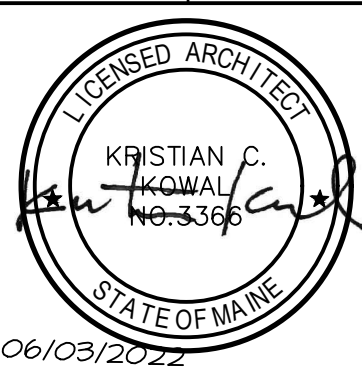
A11	ADA SINK SKIRT
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A15	BASE AND WALL CABINET
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A1	FLOOR TRANSITION - LVT to CONC
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## FLOOR TRANSITION - CPT to RESILIENT



**wbrc**  
WBRCINC.COM

UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT:	BANGOR, ME
	DETAILS

SHEET TITLE:		10089002 - AE502	
WIRDC CAD FILE:		GRAPHIC SCALE:	
PROJECT No.	10089002	0" 	
SCALE:	AS NOTED	SHEET No.	
PIC/PM:	KCK/JLR	AE502	
DRAWN BY:	RAD		
DATE:	KCK		



Jun 03, 2022 - 4:44pm - SHEET SIZE: 30x42  
T:\02 Projects\1000-1010\10089002 UMA Bangor Camden Hall 2nd Floor\DESIGN\UMA Bangor Camden Hall 2nd Floor\DESIGN\0089002-AE601 DOOR AND WINDOW TYPES AND SCHEDULE.dwg AutoCAD

		<table><tr><th colspan="14">DOOR AND FRAME SCHEDULE</th></tr><tr><th colspan="6">DOOR</th><th colspan="5">FRAME</th><th colspan="3">NOTES</th></tr><tr><th>No.</th><th>LOCATION</th><th>SIZE</th><th>TYP</th><th>MAT</th><th>FIN</th><th>TYP</th><th>MAT</th><th>FIN</th><th>HEAD</th><th>JAMB</th><th>GL</th><th>RATING</th><th>REMARKS</th></tr><tr><td>203A</td><td>EXIST. MECH. RM. 203</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>45 MIN</td><td>1,6,17</td></tr><tr><td>206A</td><td>BREAK 206</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>B</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>207A</td><td>LOCKER RM. 207</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1,6,16,17</td></tr><tr><td>208A</td><td>TLT 208</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1,6,16,17</td></tr><tr><td>209A</td><td>LOCKER RM. 209</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1,6,16,17</td></tr><tr><td>210A</td><td>JAN 210</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>45 MIN</td><td>1,6,16</td></tr><tr><td>211A</td><td>TLT 211</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1,6,16,17</td></tr><tr><td>212A</td><td>STOR 212</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1,6,17</td></tr><tr><td>214A</td><td>FLEX LAB 214</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>B</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>--</td></tr><tr><td>215A</td><td>CLASSROOM 215</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>B</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>6,17</td></tr><tr><td>215B</td><td>CLASSROOM 215</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>B</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>6,17</td></tr><tr><td>216A</td><td>OFFICE 216</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>B</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>17</td></tr><tr><td>251A</td><td>UNFINISHED 251</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1</td></tr><tr><td>252A</td><td>UNFINISHED 252</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1</td></tr><tr><td>253A</td><td>UNFINISHED 253</td><td>3'-0" x 6'-8" x 1 3/4"</td><td>A</td><td>SCWD</td><td>S&amp;V</td><td>1</td><td>HM</td><td>PT</td><td>--</td><td>--</td><td>--</td><td>--</td><td>1</td></tr></table>												DOOR AND FRAME SCHEDULE														DOOR						FRAME					NOTES			No.	LOCATION	SIZE	TYP	MAT	FIN	TYP	MAT	FIN	HEAD	JAMB	GL	RATING	REMARKS	203A	EXIST. 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RM. 203	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	45 MIN	1,6,17	206A	BREAK 206	3'-0" x 6'-8" x 1 3/4"	B	SCWD	S&V	1	HM	PT	--	--	--	--	--	207A	LOCKER RM. 207	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1,6,16,17	208A	TLT 208	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1,6,16,17	209A	LOCKER RM. 209	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1,6,16,17	210A	JAN 210	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	45 MIN	1,6,16	211A	TLT 211	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1,6,16,17	212A	STOR 212	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1,6,17	214A	FLEX LAB 214	3'-0" x 6'-8" x 1 3/4"	B	SCWD	S&V	1	HM	PT	--	--	--	--	--	215A	CLASSROOM 215	3'-0" x 6'-8" x 1 3/4"	B	SCWD	S&V	1	HM	PT	--	--	--	--	6,17	215B	CLASSROOM 215	3'-0" x 6'-8" x 1 3/4"	B	SCWD	S&V	1	HM	PT	--	--	--	--	6,17	216A	OFFICE 216	3'-0" x 6'-8" x 1 3/4"	B	SCWD	S&V	1	HM	PT	--	--	--	--	17	251A	UNFINISHED 251	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1	252A	UNFINISHED 252	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1	253A	UNFINISHED 253	3'-0" x 6'-8" x 1 3/4"	A	SCWD	S&V	1	HM	PT	--	--	--	--	1	<div>TEMP = TEMPERED PT = PAINTED INSUL = INSULATED WD = WOOD HM = HOLLOW METAL CALV = GALVANIZED FRG = FIRE RATED GLASS LAM= LAMINATED ALUM = ALUMINUM ANOD = ANODIZED S&amp;V = STAINED &amp; VARNISH CLP = CLEAR URETHANE FINISH SS = STAINLESS STEEL</div> <div>REFER TO SPECIFICATIONS FOR COMPLETE HARDWARE SCHEDULE</div> <div>REMARKS 1. CLOSER 2. EXIT DEVICES 3. ACOUSTIC SEAL 4. LOW PROFILE THRESHOLD 5. MAGNETIC HOLD-OPEN 6. KICKPLATE 7. DOOR OPERATOR 8. PROXIMITY CARD READER 9. FLUSH MOUNTED EXIT DEVICE 10. OBSCURED GLASS 11. ALARMED EXIT DEVICES 12. SECURITY ALARM SYSTEM 13. UNDERCUT 14. TACTILE WARNING AT DOOR LEVER 15. NOT USED 16. DOOR STOP (ALL)</div>
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		N8	DOOR SCHEDULE											<div>NOTES 1. ALL INTERIOR DOORS AND CONNECTING OR ADJACENT FRAMES ARE TO HAVE TEMPERED GLAZING, UNO. 2. ALL HOLLOW METAL DOOR AND WINDOWS TO BE PAINTED , UNO.</div>																																																																																																																																																																																																																																																												
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		<div><div><div>AS SCHEDULED</div><div>6'-8"</div><div>A</div></div><div><div>AS SCHEDULED</div><div>6'-8"</div><div>4"</div><div>2'-1"</div><div>3'-7"</div><div>B</div></div><div><div>2"</div><div>AS SCHED.</div><div>2"</div><div>SEE SCHEDULE</div><div>2"</div><div>1</div></div></div>																																																																																																																																																																																																																																																																								
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		<div><div>SCHEDULED GLAZING</div><div>WOOD BEADS AT PERIMETER OF GLAZING OPENING TO OVERLAP THE DOORS FACE VENEER.</div></div>																																																																																																																																																																																																																																																																								
		E11	DOOR GLAZING BEAD																																																																																																																																																																																																																																																																							
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		<div><div><div>TYPICAL JAMB FRAMING</div><div>1/2"</div><div>SCHEDULED WALL</div><div>METAL STUD HEAD FRAMING</div><div>MINERAL-FIBER INSULATION, TYP.</div><div>5/8"</div><div>HOLLOW METAL FRAME (COORDINATE FRAME WIDTH WITH WALL CONSTRUCTION TYPES)</div><div>DOOR</div><div>VARIES</div></div><div><div>MOVE FRAME CLOSER TO WALL AS REQUIRED TO MEET ADA CLEARANCES OR AS NOTED AT OTHER DETAILS</div><div>1'-0" MIN</div><div>6" TYP</div><div>1'-6" MIN</div><div>SCHEDULED DOOR AND FRAME</div></div></div>																																																																																																																																																																																																																																																																								
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0	ISSUED FOR BID	06/03/2022
REV.	DESCRIPTION	DATE

LICENSED ARCHITECT  
KRISTIAN C. KOSMALA  
No. 3396  
STATE OF MAINE  
06/03/2022

**wbrc**  
WBRCINC.COM

UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

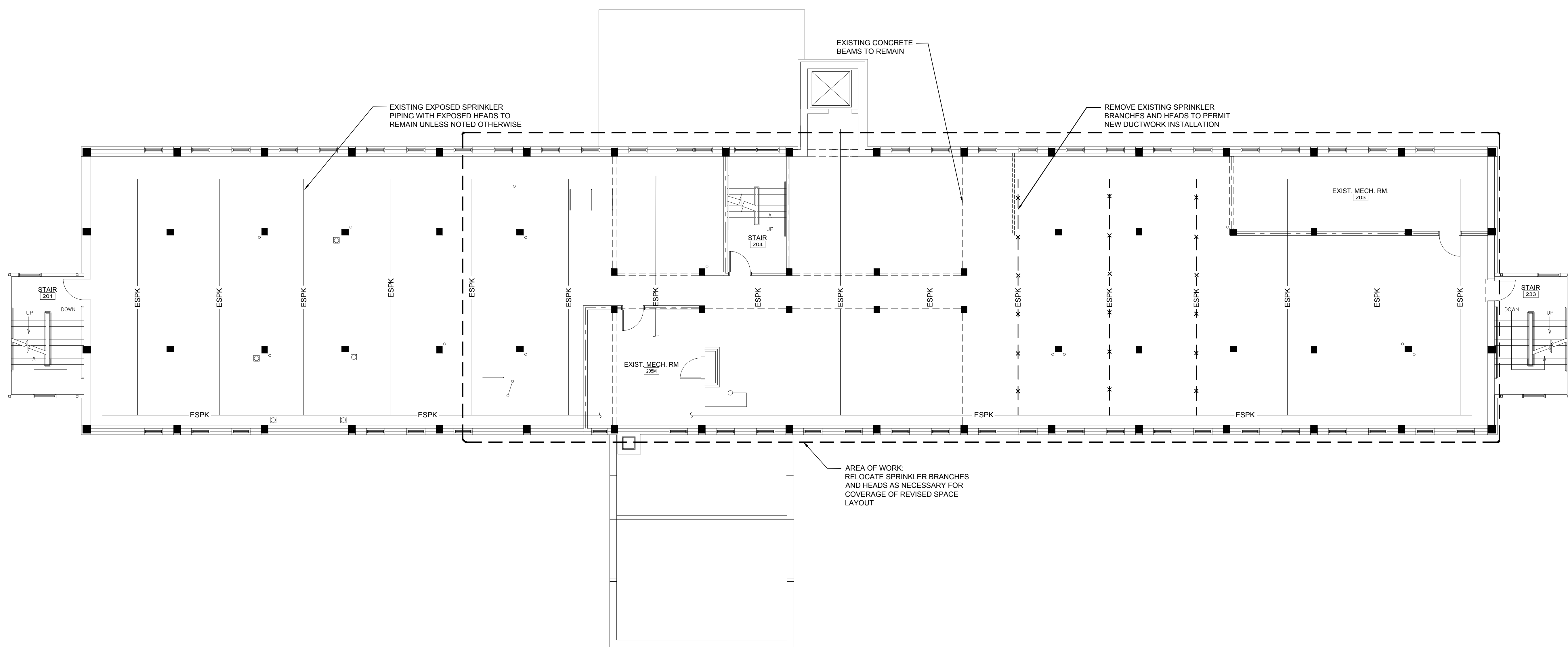
PROJECT: BANGOR, ME  
DOOR AND WINDOW TYPES AND  
SCHEDULE

SHEET TITLE:  
WBRC CAD FILE: 10089002 - AE601  
PROJECT No. 10089002  
SCALE: AS NOTED  
PIC/PI: KCK/JLR  
DRAWN BY: RAD  
DATE OF RECORD: KCK

GRAPHIC SCALE: 0' 3'  
SHEET No. AE601



Jun 03, 2022 - 9:32am - SHEET SIZE: 30x42  
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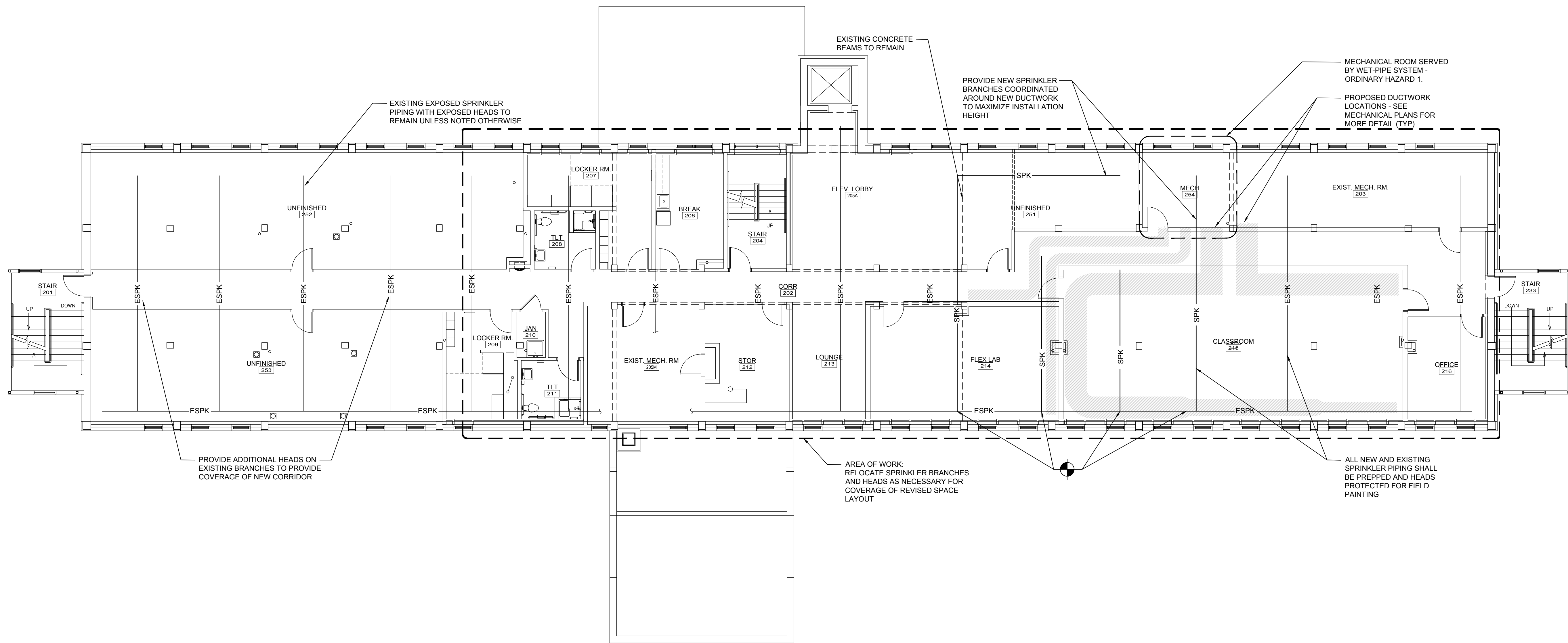
#### FIRE SUPPRESSION SYSTEM NOTES:

1. CONTRACTOR TO FIELD CONFIRM AVAILABLE SITE WATER PRESSURE AND FLOW. CONTRACTOR SHALL PROVIDE DESIGN, CALCULATIONS, PERMITS & INSTALLATION.
2. REVISE AND/OR EXTEND EXISTING WET-PIPE FIRE SUPPRESSION SYSTEM WITHIN PORTION OF THE FACILITY INDICATED, TO PROVIDE FULL COVERAGE OF ALL SPACES, IN ACCORDANCE WITH NFPA 13 & 20, THE STATE OF MAINE FIRE MARSHAL'S OFFICE, AND THE CITY OF BANGOR, ME REQUIREMENTS.
3. SPRINKLER PIPING MAINS NOT PERMITTED IN ELEVATOR SHAFTS, ELEVATOR MACHINE ROOMS, ELECTRICAL ROOMS OR OVER SWITCH GEAR, IN TEL/COM ROOMS OR OVER TEL/COM EQUIPMENT.
4. PROVIDE SPRINKLER COVERAGE OVER ALL CABLE TRAYS. COORDINATE WITH ELECTRICAL CABLE TRAY LOCATIONS.
5. COORDINATE SPRINKLER PIPING LOCATIONS W/ ALL TRADES.
6. ALL AREAS CLASSIFIED AS "LIGHT HAZARD" UNLESS NOTED OTHERWISE PER NFPA 13 OR AS SPECIFIED IN 21313.
7. IN SPACES WITH TILE CEILINGS, PIPING SHALL BE CONCEALED AND SEMI-RECESSED SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF TILE. SPRINKLER HEAD AND CEILING ESCUTCHEON FINISH SHALL BE WHITE.
8. IN OCCUPIED SPACES WITH EXPOSED STRUCTURE, EXPOSED PIPING SHALL BE FIELD PAINTED. EXPOSED HEADS SHALL HAVE WHITE FINISH.
9. EXPOSED PIPING WITH UPRIGHT HEADS IS ACCEPTABLE IN UNOCCUPIED SPACES W/ EXPOSED STRUCTURE.
10. PIPING SHALL BE STANDARD WEIGHT BLACK STEEL PIPE CONFORMING WITH ASTM A53 WITH THREADED ENDS AND FITTINGS UP TO 2" NPS. PIPING 2-1/2" AND LARGER SHALL BE STANDARD WEIGHT BLACK STEEL PIPE WITH EITHER ROLL-GROOVED ENDS AND COUPLINGS, OR FLAN ENDS FOR FIELD WELDING.

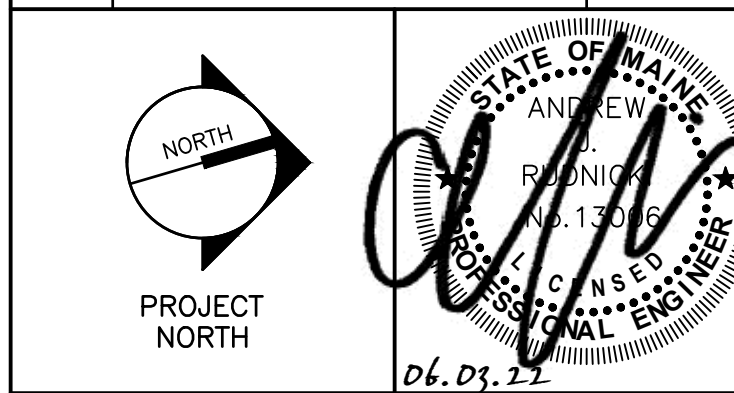
#### FIRE SUPPRESSION SYSTEM LEGEND & ABBREVIATIONS

	FIRE DEPT. CONNECTION (STORZ)
	SPRINKLER SYSTEM "WET" RISER.
	SPRINKLER SYSTEM "DRY" RISER.
	TECHNICAL NOTE
DN	DOWN
EQUIP	EQUIPMENT
FCVA	FLOOR CONTROL VALVE ASSEMBLY
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOOR
GPM	GALLONS PER MINUTE
HC	HAZARD CLASSIFICATION
HVAC	HEATING, VENTING, AND AIR COND.
MECH	MECHANICAL
SF	SQUARE FEET

— ESPK —	EXISTING FIRE SUPPRESSION PIPING
— SPK —	FIRE SUPPRESSION PIPING
— SPKZ1 —	SPRINKLER MAIN & ZONE NUMBER
— FDC —	FIRE DEPT CONNECTION PIPE
- - - - -	AREA OF HAZARD AS NOTED



0	ISSUED FOR BID	06/03/2022
REV.	DESCRIPTION	DATE



UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT BANGOR, ME  
SECOND FLOOR FIRE PROTECTION  
PLAN

SHEET TITLE	10089002 - FX102
WBRIC CAD FILE	10089002
PROJECT NO.	10089002
SCALE	AS NOTED
PROJ. NO.	KCKJLR
DRAWN BY	SRJ
CHECKED BY	AJR
DATE OF RECORD	

FX102

#### J1 SECOND FLOOR FIRE PROTECTION REMOVAL PLAN

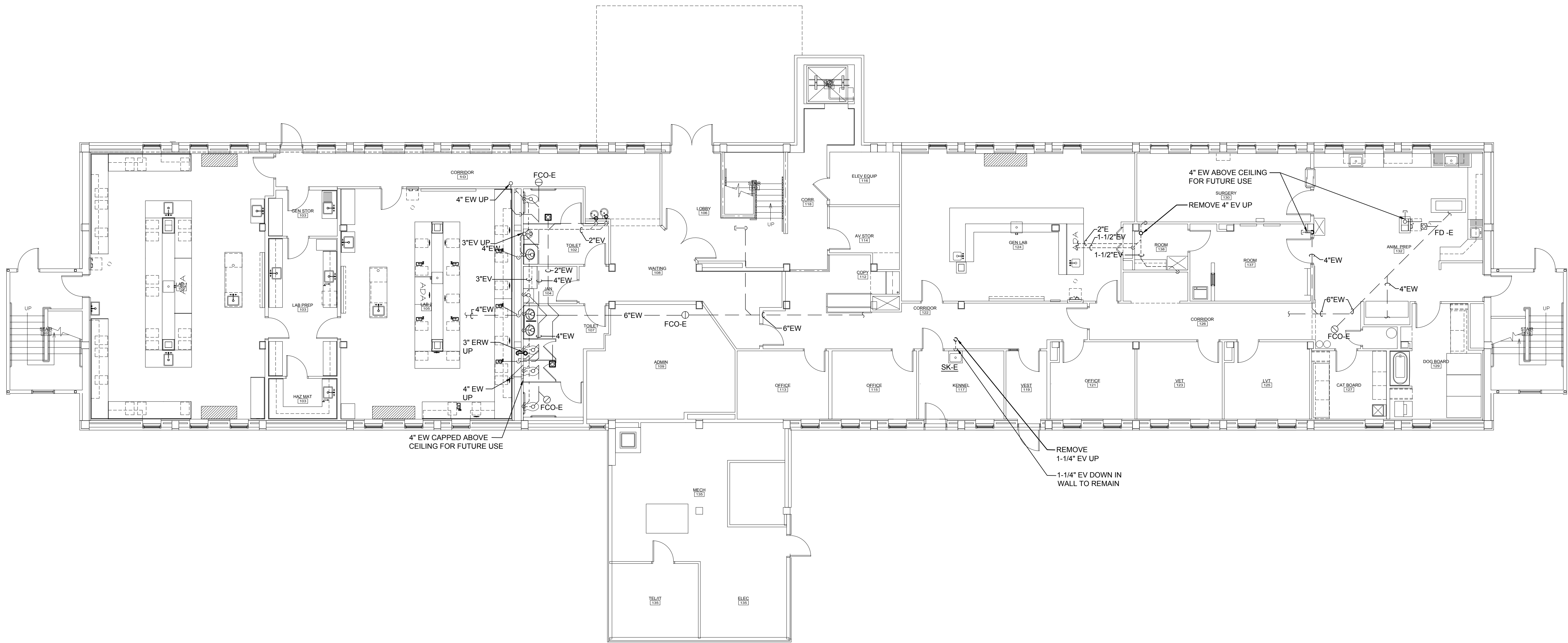
1/8" = 1'-0"

#### A1 SECOND FLOOR FIRE PROTECTION PLAN

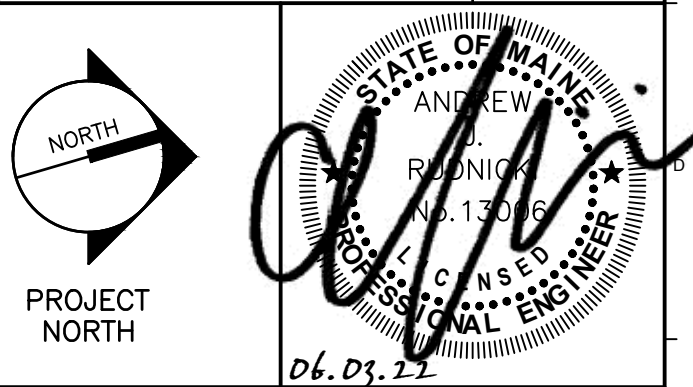
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Jun 03, 2022 - 9:33am - SHEET SIZE: 30x42  
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REV.	DESCRIPTION	DATE



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UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

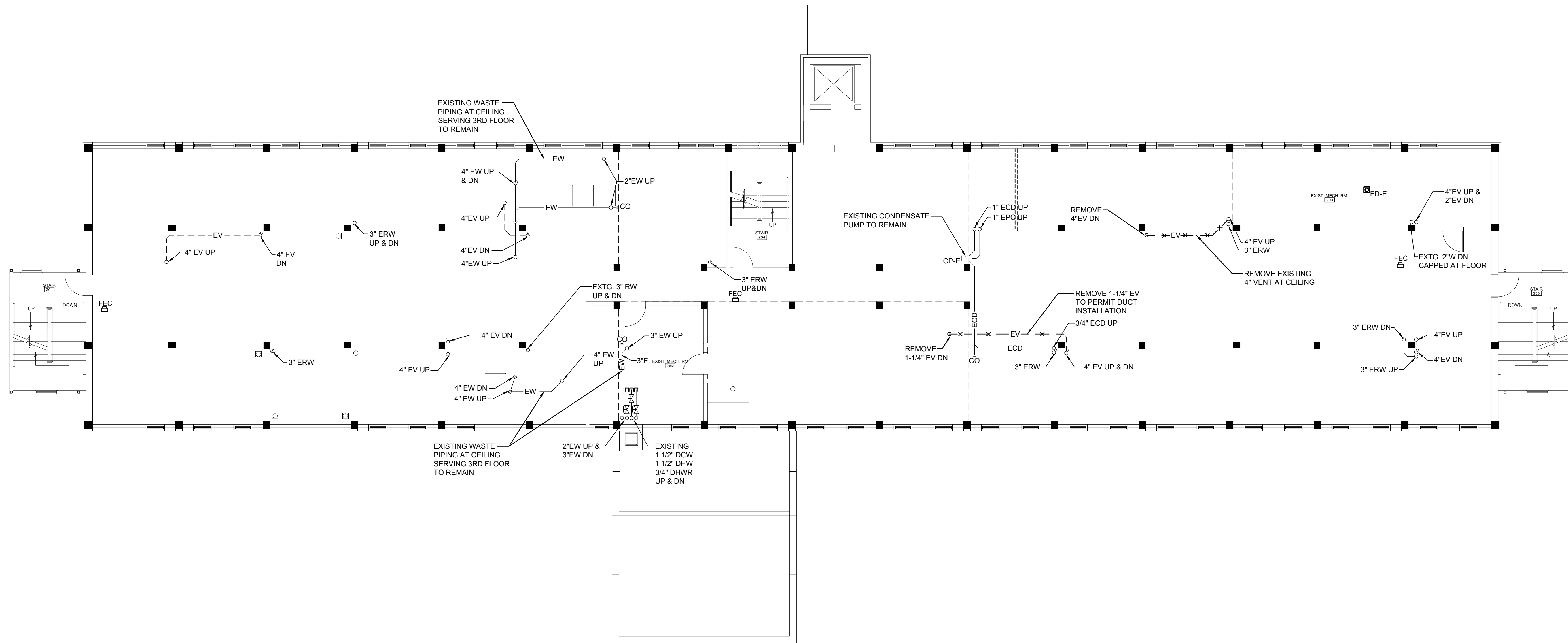
PROJECT BANGOR, ME  
FIRST FLOOR PLUMBING REMOVAL  
PLAN

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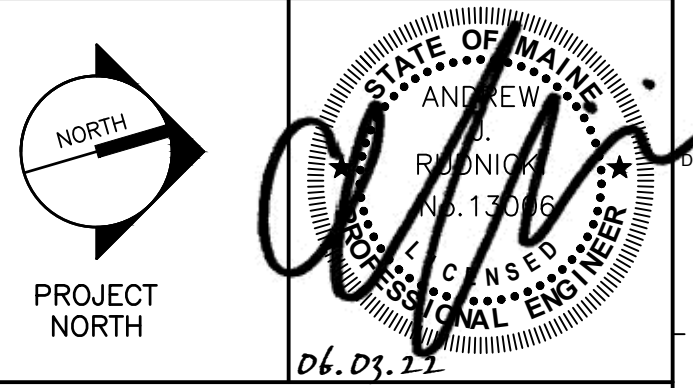
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SHEET NO.: PD101  
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A1	FIRST FLOOR PLUMBING REMOVAL PLAN
1/8" = 1'-0"	--





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0	ISSUED FOR BID	06/03/2022
REV.	DESCRIPTION	DATE




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UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT:	BANGOR, ME
SECOND FLOOR PLUMBING REMOVAL PLAN	

SHEET TITLE:	
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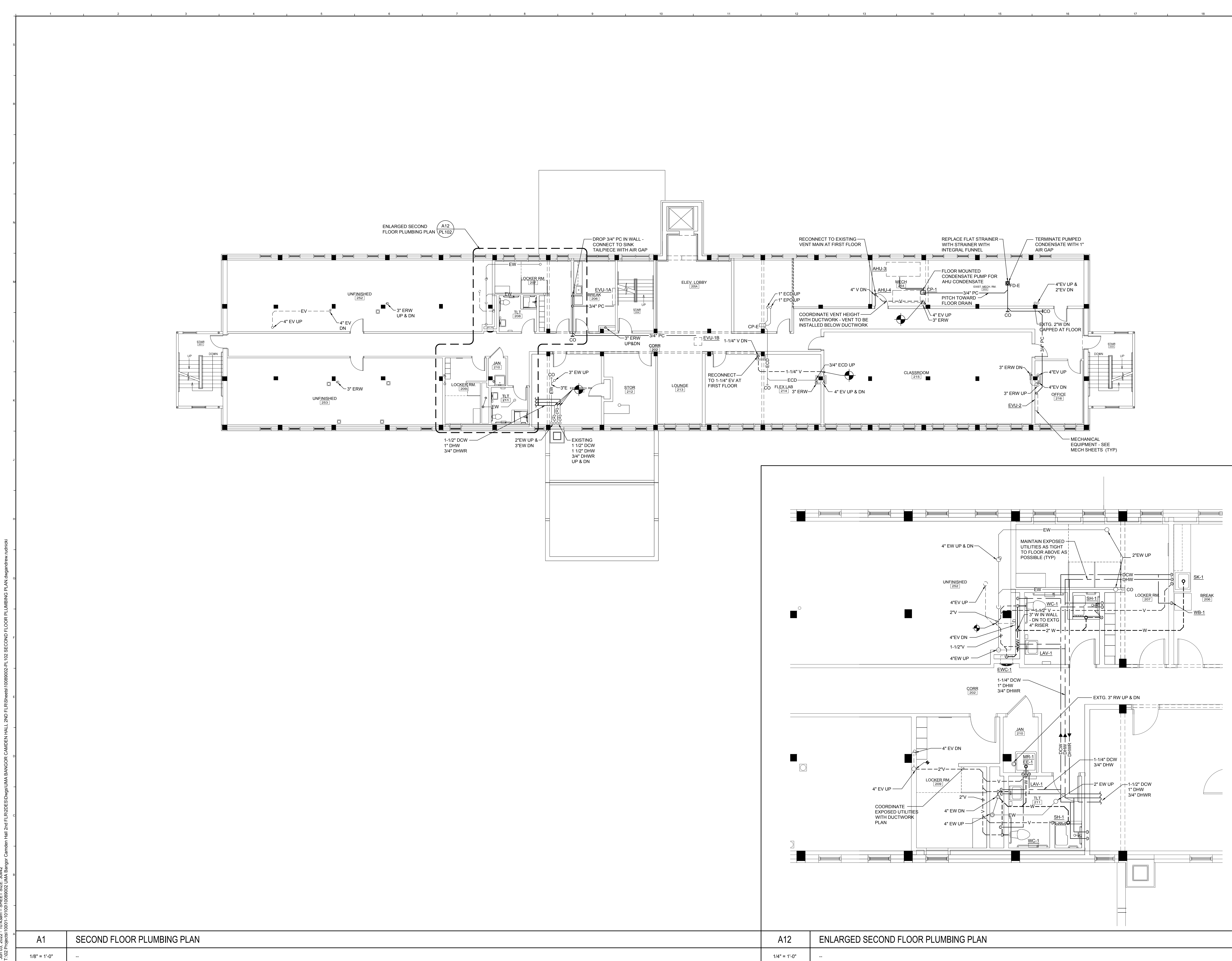
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PIC/PM:	KCK/JLR	
DRAWN BY:	SRJ	
A/E OF RECORD:	AJR	

A1	SECOND FLOOR PLUMBING REMOVAL PLAN
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$$1/8'' = 1'-0''$$



Jun 03, 2022 - 10:34am - SHEET SIZE: 30x42  
1:102 Projects\1001-1010\1088002 UMA Bangor Camden Hall 2nd PL102\DES\Draws\UMA BANGOR CAMDEN HALL 2ND PL102\DES\Draws\UMA BANGOR CAMDEN HALL 2ND PL102 SECOND FLOOR PLUMBING PLAN.dwg\dwg\new\utah\ckl



0	ISSUED FOR BID	06/03/2022
REV.	DESCRIPTION	DATE
<div><div><div><div><div></div><div>NORTH</div></div><div>PROJECT NORTH</div></div><div><div>STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER PL 05.22</div></div></div></div>		
<div><div><div><div><div></div><div>wbrc</div><div>WBRINC.COM</div></div><div>UMA BANGOR CAMDEN HALL SECOND FLOOR RENOVATION</div><div>BANGOR, ME</div><div>SECOND FLOOR PLUMBING PLAN</div></div><div><div>SHEET TITLE: WBRC CAD FILE: PROJECT NO.: SCALE: PROJEN: DRAWN BY: DATE OF RECORD:</div><div><div>10089002 - PL102</div><div>GRAPHIC SCALE: 0'</div><div>1"</div><div>PL102</div></div></div></div></div>		

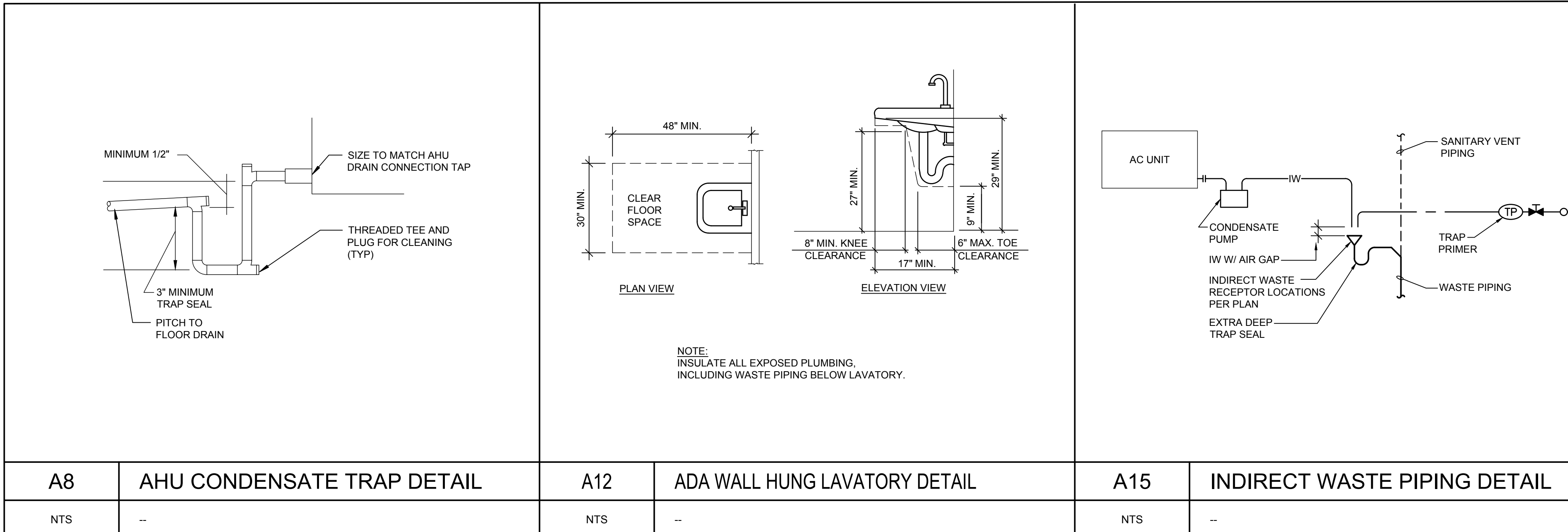


Jun 03, 2022 - 9:38am - SHEET SIZE: 30x42  
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dwg:andrew\_rudnicki

PLUMBING SYMBOLS & ABBREVIATIONS				
SYMBOL	ABV.	DESCRIPTION	EXISTING TO REMAIN	EXISTING TO BE REMOVED
	HW	HOT WATER PIPING		
	THW	TEPID HOT WATER PIPING (TEMP IN °F)		
	HWR	HOT WATER RETURN PIPING		
	CW	COLD WATER PIPING		
	W	SANITARY WASTE PIPING		
	W	SANITARY WASTE PIPING BELOW SLAB		
	V	VENT PIPING		
	CD	CONDENSATE PIPING		
	G	L.P. GAS PIPING		
	RW	RAINWATER PIPING		
	RW	RAINWATER PIPING BELOW SLAB		
		PIPE TURNING UP		
		PIPE TURNING DOWN		
	FCO	FLOOR CLEANOUT		
	CO	WALL OR END OF LINE CLEANOUT		
	E-1	EQUIPMENT FIXTURE NUMBER - REFER TO PLUMBING FIXTURE SCHEDULE		
	P-5	PLUMBING FIXTURE NUMBER - REFER TO EQUIPMENT FIXTURE SCHEDULE		
	FD	FLOOR DRAIN		
	RD	ROOF DRAIN		
		SHUT-OFF VALVE		
		BALANCING VALVE		
		CHECK VALVE		
	B.I.P.	BLACK IRON PIPE		
		PLUMBING FIXTURE CONNECTION		
	VTR	VENT THRU ROOF		
	V.I.F.	VERIFY IN FIELD		
		BACKFLOW PREVENTER		
	DWH	DOMESTIC WATER HEATER		
	TP	TRAP PRIMER		
	DU	TRAP PRIMER DISTRIBUTION UNIT		
	WHA	WATER HAMMER ARRESTOR		
		NEW TO EXISTING CONNECTION		

PLUMBING FIXTURE SCHEDULE							
TAG	DESCRIPTION	HW	CW	TRAP	WASTE	VENT	MOUNTING HEIGHT
WC-1	ADA WALL MOUNTED WATER CLOSET	-	1"	-	3"	2"	17" RIM
LAV-1	ADA - WALL HUNG LAVATORY	1/2"	1/2"	1-1/4"	1-1/2"	1-1/2"	34" AFF
SK-1	ADA SINGLE BOWL SINK	1/2"	1/2"	1-1/2"	1-1/2"	1-1/2"	COUNTER
SH-1	ADA SHOWER	1/2"	1/2"	2"	2"	1-1/2"	SEE ARCH.
MR-1	MOP RECEPTOR	1/2"	1/2"	3"	3"	2"	FLOOR
EE-1	WALL MOUNTED EMERGENCY EYEWASH DRENCH HOSE	1/2"	1/2"	-	-	-	48" AFF
EW-1	WALL RECESSED BOTTLE FILL STATION	-	1/2"	1-1/4"	1-1/2"	1-1/2"	SEE ARCH.
WB-1	REFRIGERATOR WALL BOX	-	1/2"	-	-	-	48" AFF

PLUMBING PUMP SCHEDULE									
TAG	SERVES	MODEL	TYPE	PEAK GPM	HEAD FT	ELECTRICAL			NOTES
						HP	VOLT	PHASE	
CP-1	AHU-1 & 2 CONDENSATE	VCMA-20	CONDENSATE	50	10	1/30	115	1	1, 2
PLUMBING PUMP SCHEDULE NOTES: 1. BASED ON LITTLE GIANT 2. INTEGRAL FLOAT, (3) 1-1/8" INLETS, 3/8" BARBED OUTLET, AND INTEGRAL CHECK VALVE									



REV.	DESCRIPTION	DATE
0	ISSUED FOR BID	06/03/2022
1	ISSUED FOR BID	06/03/2022
2	ISSUED FOR BID	06/03/2022
3	ISSUED FOR BID	06/03/2022
4	ISSUED FOR BID	06/03/2022
5	ISSUED FOR BID	06/03/2022
6	ISSUED FOR BID	06/03/2022
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15	ISSUED FOR BID	06/03/2022
16	ISSUED FOR BID	06/03/2022
17	ISSUED FOR BID	06/03/2022
18	ISSUED FOR BID	06/03/2022
19	ISSUED FOR BID	06/03/2022
20	ISSUED FOR BID	06/03/2022

STATE OF MAINE  
ANDREW RUDNICKI  
REGISTERED PROFESSIONAL ENGINEER  
06.05.22

**wbrc**  
WBRCINC.COM

UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

BANGOR, ME

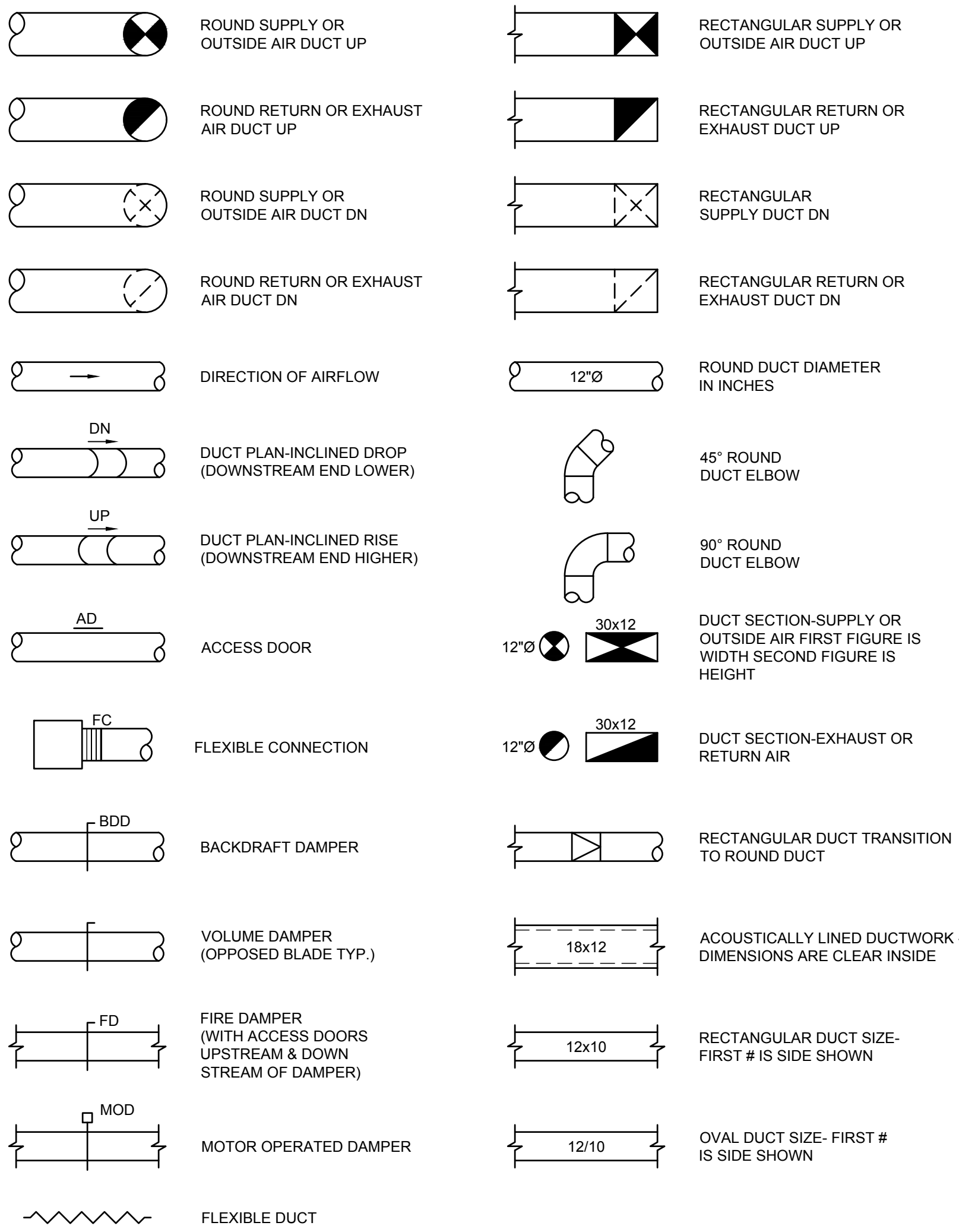
PROJECT  
**PLUMBING DETAILS & SCHEDULES**

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WBRC CAD FILE: 10089002  
PROJECT NO.: 10089002  
SCALE: AS NOTED  
PROPOSED: KCK/JLR  
DRAWN BY: SRJ  
DATE OF RECORD: AJR

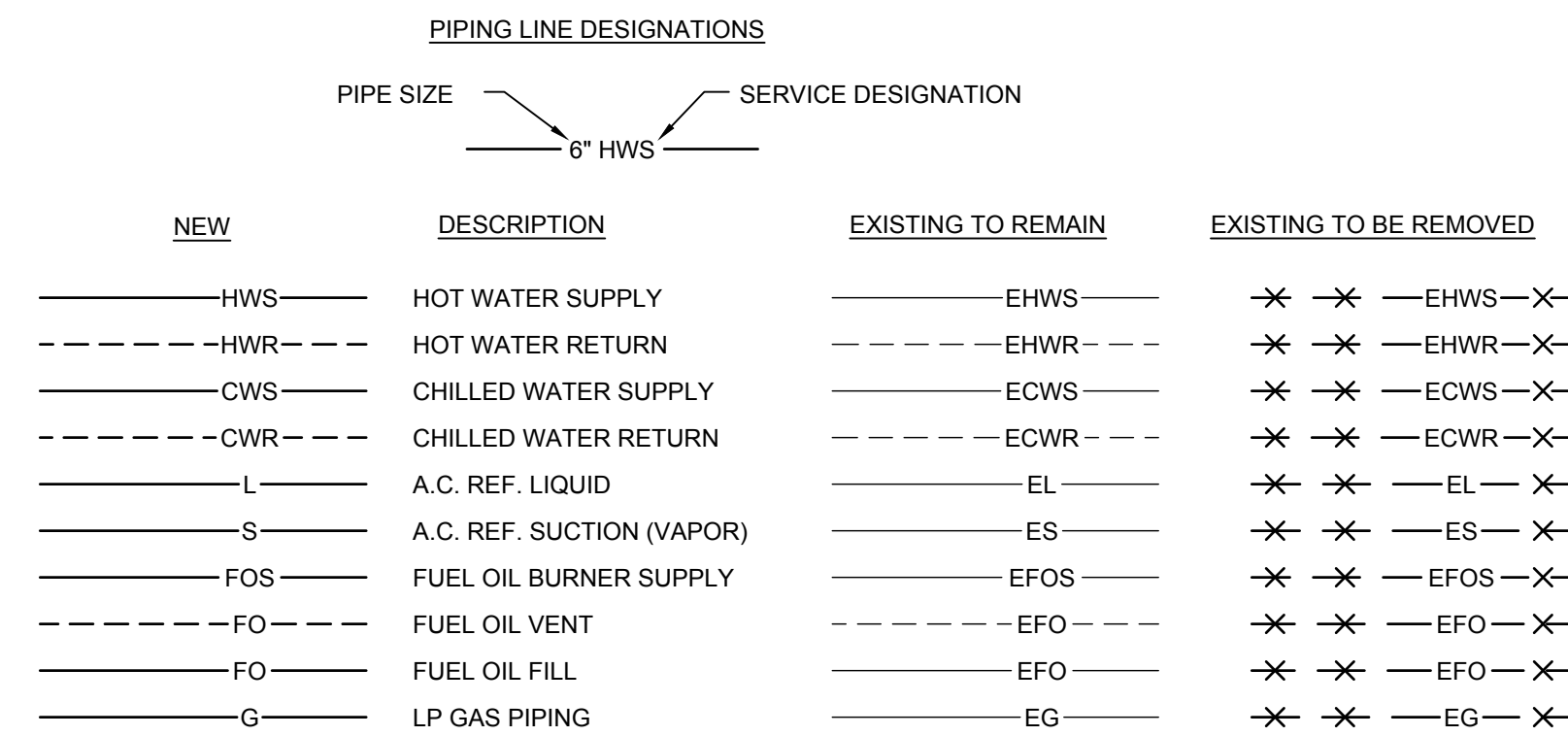
10089002 - PL501  
GRAPHIC SCALE: 0'  
SHEET NO.:  
**PL501**



## DUCTWORK STANDARDS



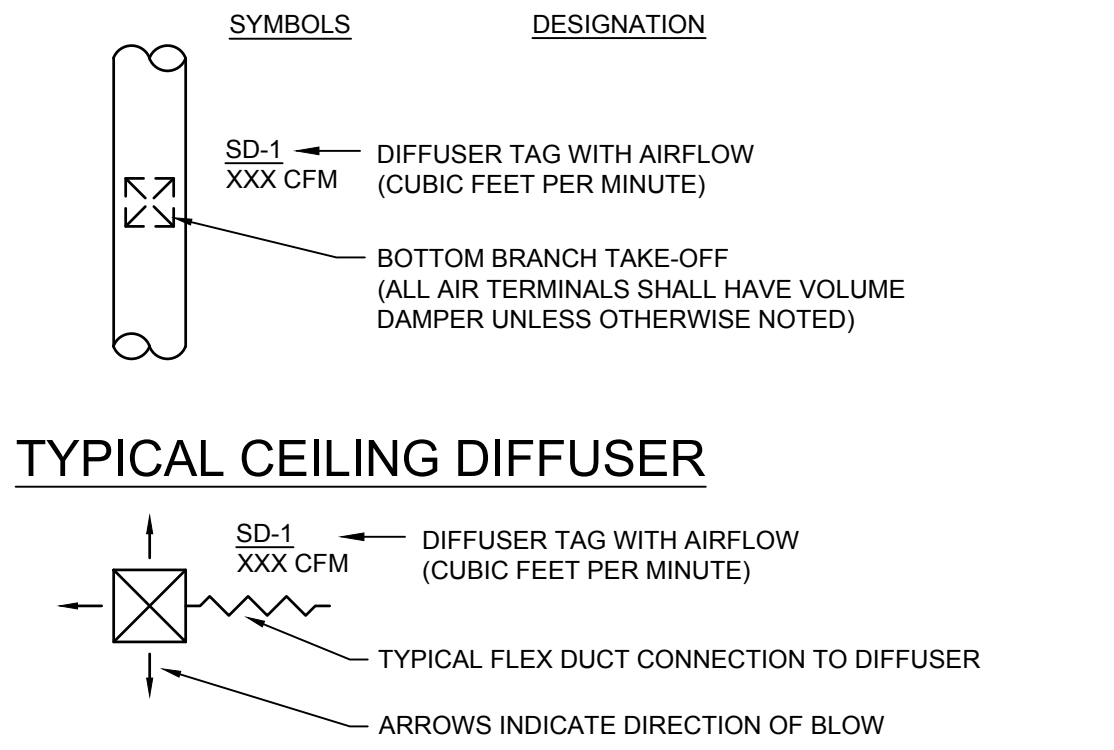
## PIPING SERVICE LEGEND



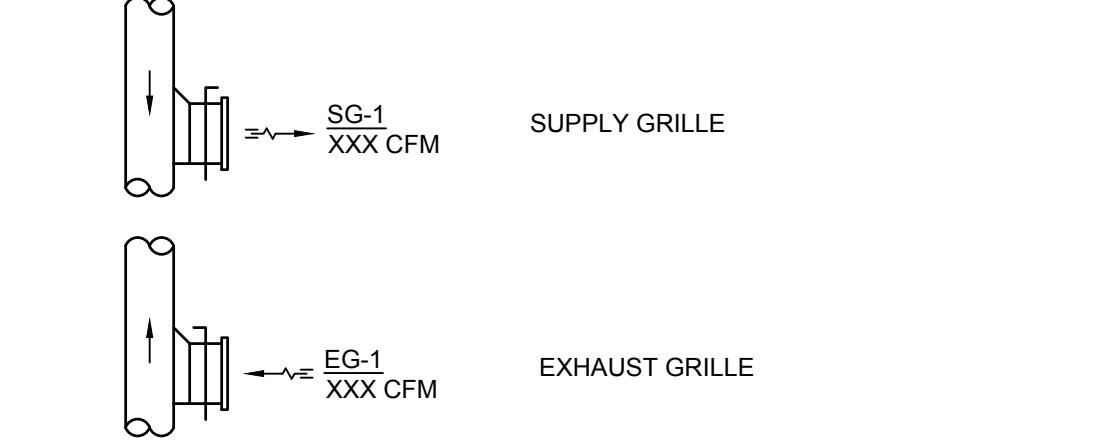
## GRILLE, REGISTERS, DIFFUSERS & AIRFLOW

<b>ABREV.</b>	<b>DESIGNATION</b>	<b>ABREV.</b>	<b>DESIGNATION</b>
EG	EXHAUST GRILLE	EA	EXHAUST AIR
RG	RETURN GRILLE	OA	OUTDOOR AIR
RR	RETURN REGISTER	RA	RETURN AIR
SD	SUPPLY DIFFUSER	RLA	RELIEF AIR
LSD	LINEAR SUPPLY DIFFUSER	SA	SUPPLY AIR
SG	SUPPLY GRILLE		
TG	TRANSFER GRILLE		
TR	TRANSFER REGISTER		
VD	VOLUME DAMPER		

### TYPICAL BOTTOM OF DUCT DIFFUSER DROP



### TYPICAL REGISTER/GRILLE



## EQUIPMENT TAG LEGEND

<u>TAG</u>	<u>DESIGNATION</u>
<u>ACCU-1</u>	AIR COOLED CONDENSING UNIT DESIGNATION
<u>AHU-1</u>	AIR HANDLING UNIT DESIGNATION
<u>B-1</u>	BOILER DESIGNATION
<u>BB-1</u>	BASEBOARD DESIGNATION
<u>CH-1</u>	CHILLER UNIT DESIGNATION
<u>CONV-1</u>	CONVECTOR UNIT DESIGNATION
<u>CU-1</u>	CONDENSING UNIT DESIGNATION
<u>CUH-1</u>	CABINET UNIT HEATER DESIGNATION
<u>EF-1</u>	EXHAUST FAN DESIGNATION
<u>ERU-1</u>	ENERGY RECOVERY UNIT DESIGNATION
<u>EVU-1</u>	EVAPORATOR UNIT DESIGNATION
<u>FC-1</u>	FAN COIL DESIGNATION
<u>FTR-1</u>	FINNED TUBE RADIATION DESIGNATION
<u>HE-1</u>	HEAT EXCHANGER DESIGNATION
<u>HRRU-1</u>	HEAT RECOVERY UNIT DESIGNATION
<u>HC-1</u>	HEATING COIL DESIGNATION
<u>L-1</u>	LOUVER DESIGNATION
<u>P-1</u>	PUMP DESIGNATION
<u>RF-1</u>	RETURN FAN DESIGNATION
<u>SF-1</u>	SUPPLY FAN DESIGNATION
<u>TSH-1</u>	TOE SPACE HEATER DESIGNATION
<u>UH-1</u>	UNIT HEATER DESIGNATION
<u>UV-1</u>	UNIT VENTILATOR DESIGNATION
<u>VAV-1</u>	VARIABLE AIR VOLUME BOX DESIGNATION
<u>XT-1</u>	EXPANSION TANK DESIGNATION
<u>ZD-1</u>	ZONE DAMPER DESIGNATION

## HEATING AND VENTING SYMBOLS

NEW	DESCRIPTION	EXISTING TO REMAIN	EXISTING TO BE REMOVED
	BALANCING VALVE		
	CONTROL VALVE		
	TRIPLE DUTY VALVE		
	SHUT-OFF VALVE		
	BACKFLOW PREVENTER		
	CHECK VALVE		
	FLOW CONTROL VALVE		
	STRAINER/WIDRAIN & HOSE CONN.		
	CONTROL VALVE (3-WAY)		
	PRESSURE RELIEF VALVE		
	PRESSURE REDUCING VALVE (WATER)		
	DIFFERENTIAL PRESSURE REGULATING VALVE		
	FUEL OIL FUSIBLE SHUT-OFF		
	FLOW SWITCH		
	BASEBOARD RADIATION		
	CONTROL GROUP		
	THERMOSTAT; H-HEATING, C-COOLING		
	DRAIN-OFF VALVE		
	UNION		
	INCREASER OR DECREASER CONCENTRIC		
	INCREASER OR DECREASER ECCENTRIC		
	DRIP LEG		
	AUTOMATIC AIR VENT		
	PIPE GUIDE		
	PIPE ANCHOR		
	DIRECTION OF FLOW		
	PIPE CAP		
	ELBOW UP OR RISE		
	ELBOW DOWN OR DROP		
	THERMOMETER		
	PRESSURE GAUGE		
	LOW WATER CUT-OFF		
	TECHNICAL NOTE- APPLIES ONLY TO SHEET IN WHICH IT APPEARS.		
	HVAC EQUIPMENT TAG IDENTIFICATION		
	NEW CONNECTION TO EXISTING		
	TEMPERATURE CONTROL PANEL		
	STEAM TRAP		
	DUCT SMOKE DETECTOR		

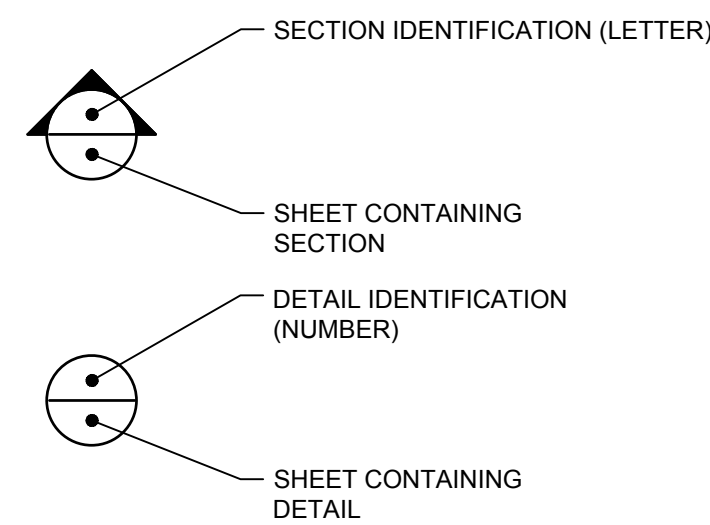
## MISCELLANEOUS ABBREVIATIONS

ABBREVI.	DESIGNATION
A	ANCHOR
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
APD	AIR PRESSURE DROP
AWT	AVERAGE WATER TEMPERATURE
BD	BAROMETRIC DAMPER
BDD	BACKDRAFT DAMPER
BOS	BOTTOM OF STEEL
BTU	BRITISH THERMAL UNITS
BV	BRICK VENT
CD	COOLING CONDENSATE DRAINAGE
CFM	CUBIC FEET PER MINUTE
D	DRAIN
DB	DRY BULB
EAT	ENTERING AIR TEMP.
ECC	ECCENTRIC
EL	ELEVATION
EWT	ENTERING WATER TEMPERATURE
FA	FRESH AIR
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HWB/B	HOT WATER BASEBOARD
HZ	HERTZ
LAT	LEAVING AIR TEMP.
LF	LINEAR FEET
LRA	LOCKED ROTOR AMPS
LWCO	LOW WATER CUT-OFF
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
MD	MANUAL DAMPER
MIN	MINIMUM
MOD	MOTOR OPERATED DAMPER
MV	MANUAL VENT
N.C.	NORMALLY CLOSED
OA	OUTSIDE AIR
OSV	OIL SAFETY VALVE
PD	PRESSURE DROP
RIC	RUN IN COVER
RPM	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
TOS	TOP OF STEEL
TV	TURNING VANES
TYP.	TYPICAL
V	VENT
VD	VOLUME DAMPER
W/	WITH
WB	WET BULB
ZD	ZONE DAMPER
E	EXISTING TO REMAIN
ER	EXISTING RELOCATED
NR	NEW TO REPLACE EXISTING IN EXISTING LOCATION
R	EXISTING TO BE REMOVED
RR	REMOVE & RELOCATE EXISTING

### GENERAL NOTES

1. ALL NEW SPAN THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR (AFF).
2. EQUIPMENT, DUCTWORK AND PIPING LOCATIONS SHOWN ARE APPROXIMATE EXCEPT WHERE DIMENSIONED. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR TO AVOID INTERFERENCES.
3. FLEXIBLE CONNECTIONS SHALL BE PROVIDED BETWEEN MOTORIZED UNITS AND DUCTWORK CONNECTIONS.
4. PROVIDE ACCESS DOORS IN EQUIPMENT AND DUCTWORK FOR ACCESS TO DAMPERS, MOTORS, FILTERS, FANS AND ON BOTH SIDES OF HEATING COILS.
5. PIPING SHALL BE RUN AS DIRECT AS POSSIBLE, PARALLEL TO & FORMING RIGHT ANGLES WITH THE SIDES OF THE BUILDING SUPPORTED FROM THE STRUCTURE. FREE FROM POCKETS & SAGS & PITCHED TO LOW POINT DRAINS.
6. LOCATE ALL VALVES FOR EASY ACCESS & OPERATION. DO NOT LOCATE VALVES SYSTEMS BELOW HORIZONTAL.
7. ALL EXTERIOR WALL PENETRATIONS SHALL BE SEALED WEATHERTIGHT.
8. ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURERS RECOMMENDATIONS.
9. DUCTWORK SHALL BE COORDINATED TO PREVENT INTERFERENCES W/ PLUMBING, PIPING, ELECTRICAL, STRUCTURAL, FIRE PROTECTION, ARCHITECTURAL AND OTHER WORK.
10. ALL DUCT SIZES SHOWN ARE CLEAR INTERNAL DIMENSIONS.
11. CONTRACTOR TO FIELD VERIFY ALL EXISTING DUCT SIZES, PIPE SIZES, LOUVERS, ETC. INCLUDING LOCATIONS & ARRANGEMENTS OF SAME. COORDINATE ALL WORK WITH EXISTING CONDITIONS.

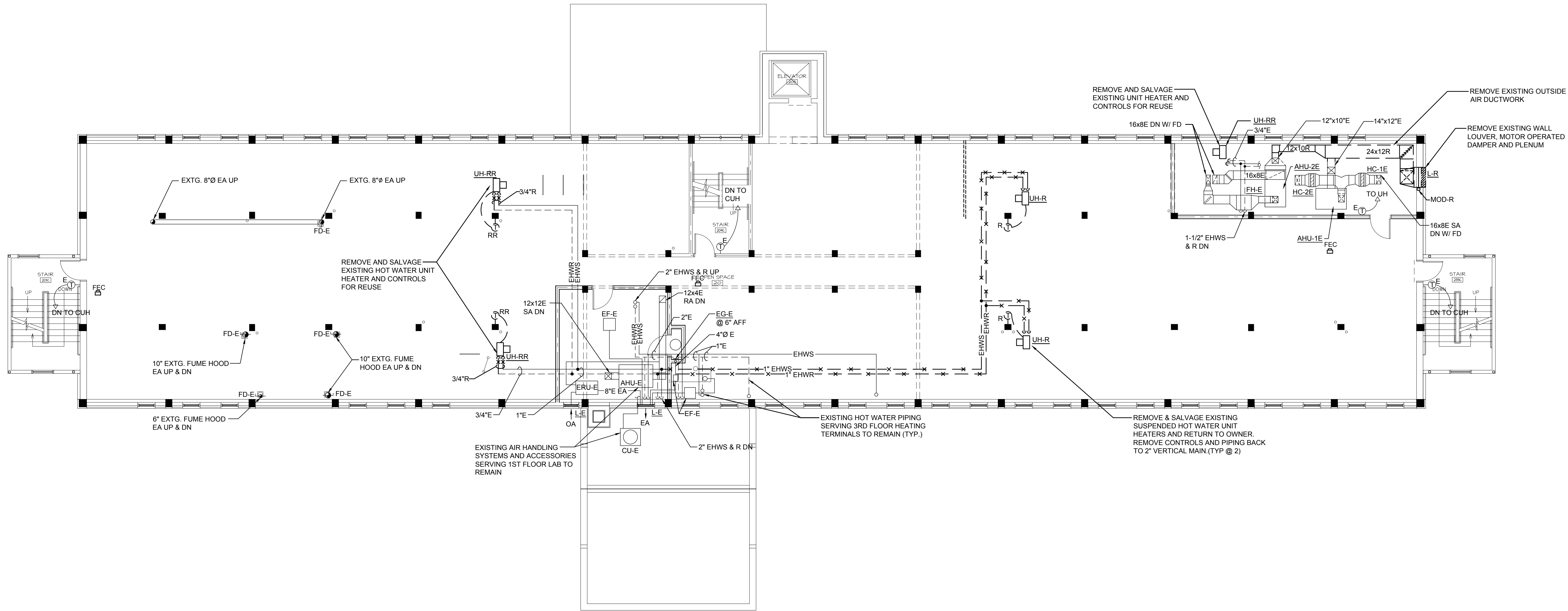
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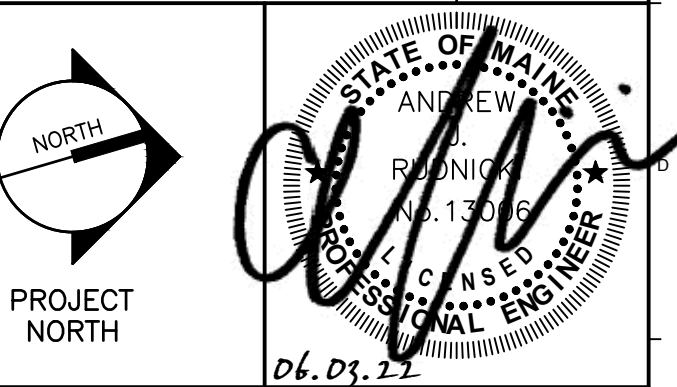
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REV.	DESCRIPTION	DATE
		
 WBRC INC. COM <small>CORPORATION</small>		
UMA BANGOR CAMDEN HALL SECOND FLOOR RENOVATION		
PROJECT:	BANGOR, ME	
MECHANICAL DESIGN		
SHEET TITLE:		
WBRC CAD FILE:	10089002	GRAPHIC SCALE: 10089002 - M-001
PROJECT NO.	AS NOTED	
SCALE:	KCK/JLR	
PROJ.M.	SJRJ	SHEET NO.
DRAWN BY:	AJR	M-001
A/E OF RECORD:		



Jun 03, 2022 - 10:44am - SHEET SIZE: 30x42  
1:102 Projects\1001-1010\10089002 UMA Bangor Camden Hall 2nd Floor Mechanical Removals Plan.dgn Andrew Radtchik



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REV.	DESCRIPTION	DATE



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UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT BANGOR, ME

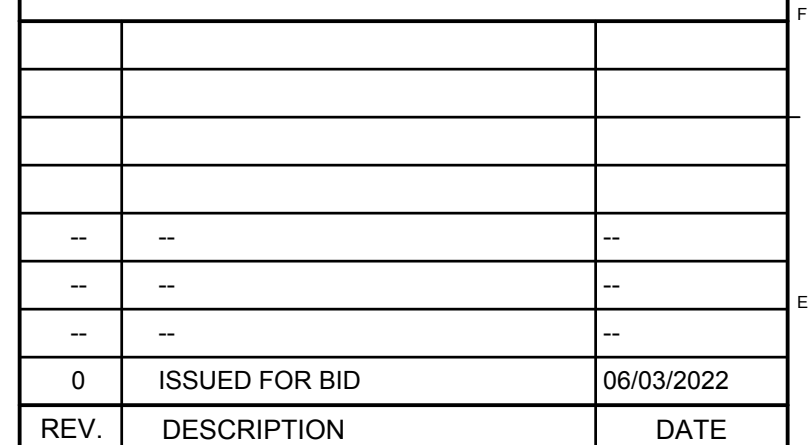
SECOND FLOOR MECHANICAL  
REMOVALS PLAN

SHEET TITLE:	10089002 - MD102
WBRC CAD FILE:	10089002
PROJECT NO.:	AS NOTED
SCALE:	GRAPHIC SCALE 0' 1"
DESIGNED BY:	KCK/JLR
DRAWN BY:	SRJ
CHECKED BY:	AJR
DATE OF RECORD:	MD102

A1 SECOND FLOOR MECHANICAL REMOVALS PLAN

1/8" = 1'-0"





PROJECT: BANGOR, ME

SECOND FLOOR MECHANICAL  
DUCTWORK PLAN

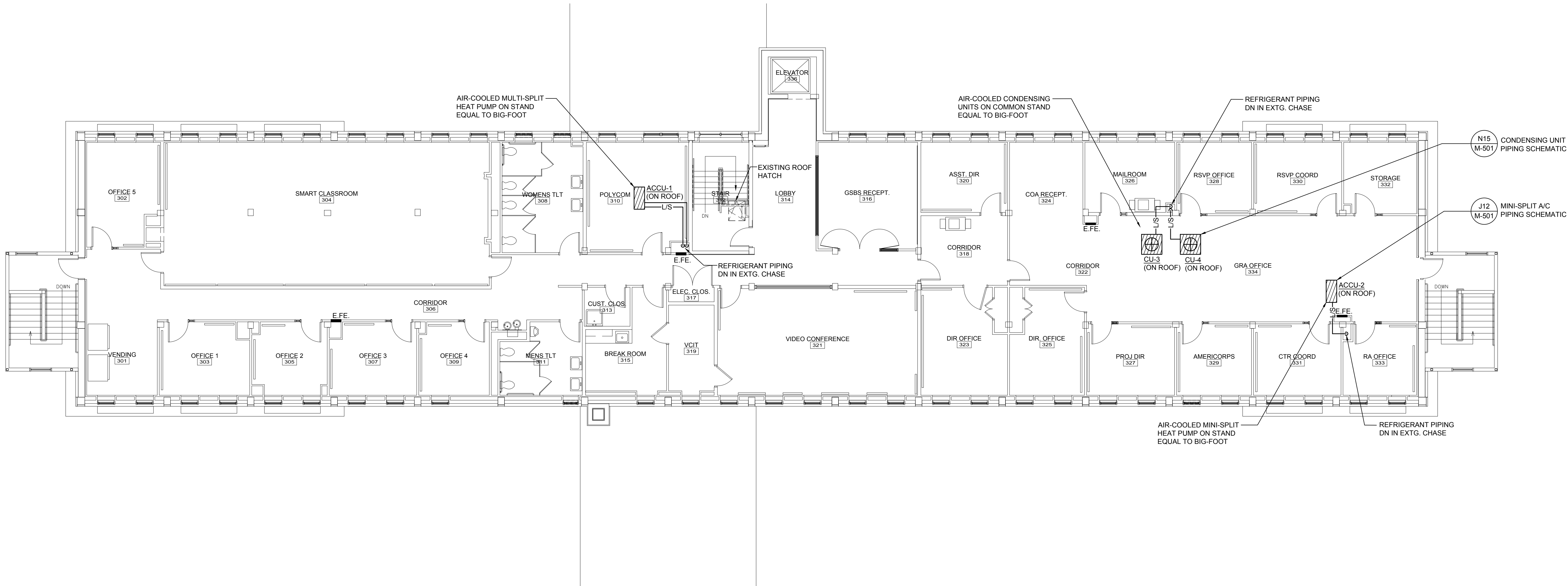
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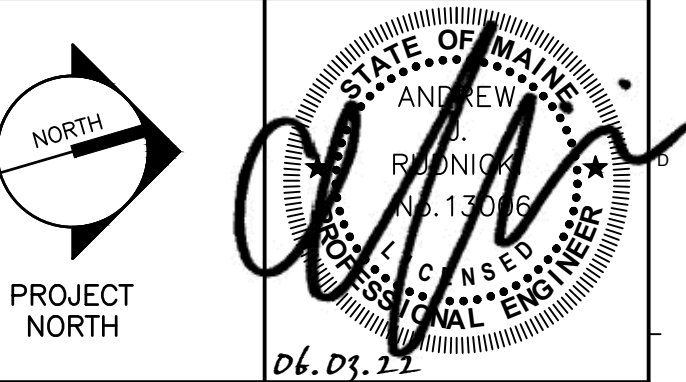




Jun 03, 2022 - 10:16am - SHEET SIZE: 30x42  
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REV.	DESCRIPTION	DATE



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UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT BANGOR, ME

THIRD FLOOR MECHANICAL PIPING  
PLAN

SHEET TITLE:	10089002 - MP103
WBRC CAD FILE:	10089002
PROJECT NO.:	AS NOTED
SCALE:	KCKJLR
PROPN:	SRJ
DRAWN BY:	AJR
DATE OF RECORD:	

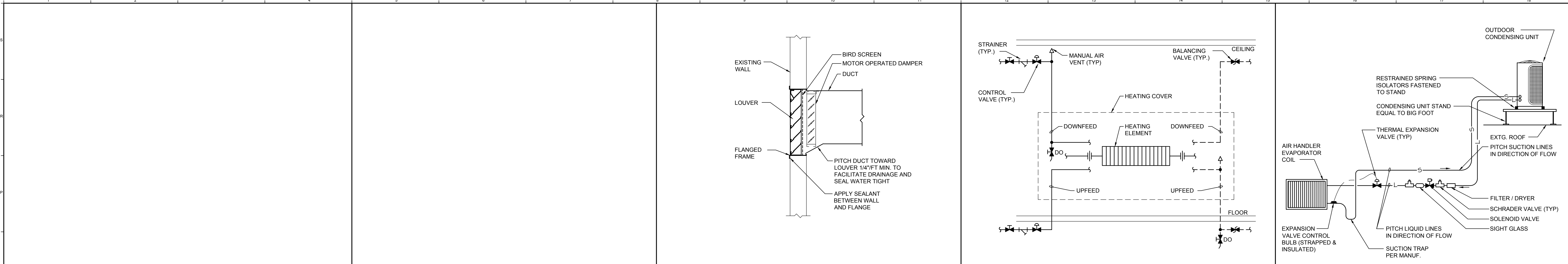
MP103

A1 THIRD FLOOR MECHANICAL PIPING PLAN

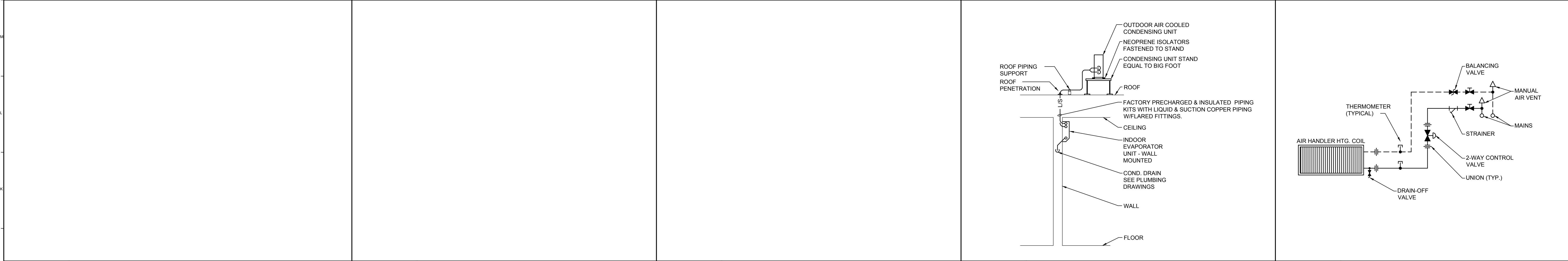
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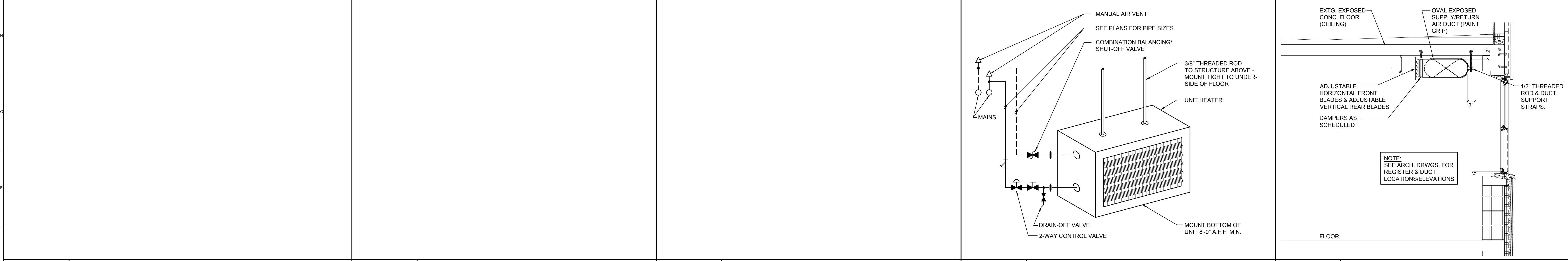
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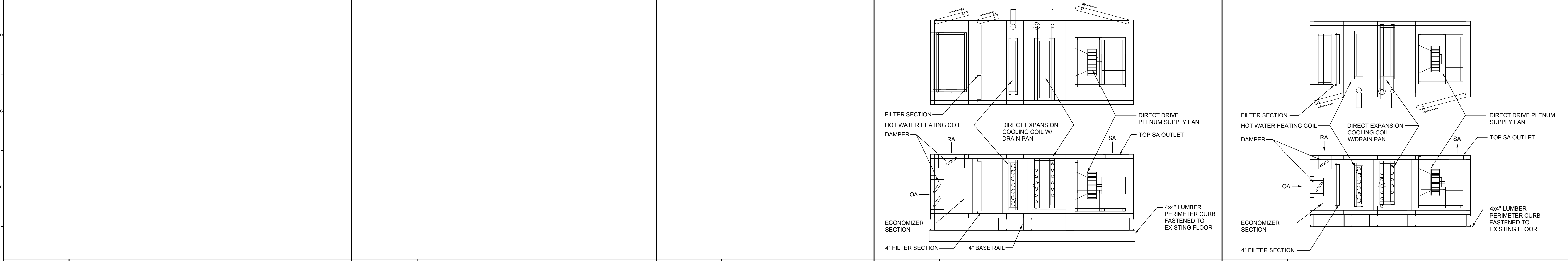
N1	--	N5	--	N8	TYPICAL LOUVER DETAIL	N12	FINNED-TUBE PIPING SCHEMATIC	N15	CONDENSING UNIT PIPING SCH.
NTS	--	NTS	--	NTS	--	NTS	--	NTS	--



J1	--	J5	--	J8	--	J12	MINI-SPLIT A/C PIPING SCHEMATIC	J15	HEATING COIL PIPING SCHEMATIC
NTS	--	NTS	--	NTS	--	NTS	--	NTS	--



E1	--	E5	--	E8	--	E12	HORIZONTAL UNIT HEATER PIPING SCH.	E15	TYPICAL EXPOSED DUCT DETAIL
NTS	--	NTS	--	NTS	--	NTS	--	NTS	--



A1	--	A5	--	A8	--	A11	AHU-3 DETAIL/SECTION	A15	AHU-4 DETAIL/SECTION
NTS	--	NTS	--	NTS	--	NTS	--	NTS	--

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ISSUED FOR BID	06/03/2022	
REV.	DESCRIPTION	DATE
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Jun 03, 2022 - 10:16am - SHEET SIZE: 30x42  
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AIR HANDLING UNIT SCHEDULE													
SUPPLY FAN													
TAG	SERVES		MIN OA CFM	MIN SA CFM	DESIGN CFM	ESP	TSP	BHP	HP	POWER	TYPE	SIZE IN	RPM
AHU-3	CLASSROOM		400	1,300	1,800	1.5	3.12	1.48	2.0	208/3/60	DD / PLENUM	12.4	3034
AHU-4	FLEX LAB		150	500	800	1.3	2.38	0.53	1.0	208/3/60	DD / PLENUM	12.4	2404
HOT WATER HEATING COIL													
TAG	AREA SF	ROWS	FPI	EAT °F	LAT °F	EWI	LWT	GPM	WPD	APD	TOTAL MBH	MODEL	
AHU-3	3.5	2	9	40	91	180	150	6.6	0.2	0.19	99	5WH0902B	
AHU-4	2.5	2	6	50	94	180	147	2.3	0.2	0.10	38	5WH0602C	
DX COOLING COIL													
TAG	AREA SF	ROWS	FPI	EAT °F	LAT °F	SST °F	REFG	CIRCUITING		APD	TOTAL MBH	SENSIBLE MBH	MODEL
AHU-3	3.9	6	11	80 / 67	55 / 54	45	R-410A	SINGLE		0.78	72	49	5EJ1106B
AHU-4	2.9	4	12	80 / 67	54 / 53	45	R-410A	SINGLE		0.42	34	23	5EN1204C
FILTER SECTION													
UNIT	AREA SF	VEL FPM	EFF	TYPE	MEAN APD	MODEL			WEIGHT	DIMENSIONS (HEIGHT x WIDTH x LENGTH)			NOTES
AHU-3	5.6	319	MERV 13	4" PLEATED	0.56	CAH004GDGM			1,000	30" x 40" x 96"			1, 2, 3, 4
AHU-4	3.2	253	MERV 13	4" PLEATED	0.54	CAH004GDGM			692	28" x 36" x 78"			1, 2, 3, 4
AIR HANDLING UNIT SCHEDULE NOTES:													
1. BASED ON DAIKIN APPLIED													
2. PROVIDE 4" HIGH BASE CURB (NOT INCLUDED IN UNIT HEIGHT NOTED ABOVE)													
3. HYDRONIC COIL SCHEDULED PERFORMANCE BASED ON 100% WATER													
4. PREMIUM EFFICIENCY MOTOR COMPATIBLE WITH VARIABLE FREQUENCY DRIVE													

FAN SCHEDULE													
TAG	SERVES	TYPE	MODEL	CFM	ESP IN-WC	FAN RPM	ELECTRICAL			WEIGHT LBS.	NOTES		
							HP	VOLTS	PHASE				
EF-1	LOCKER/TOILET ROOMS	INLINE EXHAUST FAN	CSP-A510-VG	400	0.50	1,248	104 W	120	1	43	1, 2, 3, 4, 5		
FAN SCHEDULE NOTES:													
1. BASED ON GREENHECK													
2. ECM MOTOR WITH SPEED KNOB ON MOTOR													
3. BACKDRAFT DAMPER													
4. ISOLATION KIT													
5. GALVANIZED HOUSING AND WHEEL													

HEATER SCHEDULE														
TAG	SERVES	TYPE	MODEL	CFM	MBH	GPM	WPD	EWT °F	ELECTRICAL			NOTES		
									HP	VOLT	PHASE			
CUH-1	TOILET ROOM 208	WALL RECESSED	W42	53	4.2	1.0	0.2	180	1/30	120	1	1, 2, 3		
CUH-2	TOILET ROOM 211	WALL RECESSED	W42	53	4.2	1.0	0.2	180	1/30	120	1	1, 2, 3		
UNIT HEATER SCHEDULE NOTES:														
1. BASED ON BEACON MORRIS														
2. PROVIDE COLOR AS SELECTED BY ARCHITECT														
3. WALL RECESS KIT														

MINI SPLIT SYSTEM AC SCHEDULE										
UNIT	COOLING CAPACITY (BTU/H)	HEATING CAPACITY (BTU/H)	AIRFLOW CFM	ELECTRICAL		REFG. PIPE CONN.		WEIGHT	MODEL NO.	SERVES
				VOLTS	AMPS	LIQUID	SUCTION			
EVU-1A	7,800	7,900	381	208/1	1.0	1/4	3/8	20	FTXS09LVJU	BREAK
EVU-1B	15,600	15,800	420	208/1	1.0	1/4	1/2	36	FFQ1502VJU	LOBBY/LOUNGE
EVU-2	9,000	10,000	431	208/1	1.0	1/4	3/8	20	FXZQ12TAVJU	OFFICE
UNIT	COOLING CAPACITY (BTU/H)	SEER	COP	REFG	ELECTRICAL			WEIGHT	MODEL NO.	NOTES
					VOLTS	MCA	MAX FUSE			
ACCU-1	24,000	18	3.52	R-410A	208/1	21.6	25	137	3MXS24RMVJUA	1, 2, 3, 4, 5
ACCU-2	9,000	19	4.06	R-410A	208/1	8.7	15	57	RX08AXVJU	1, 2, 4, 5
MINI SPLIT SYSTEM SCHEDULE NOTES: 1. BASED ON DAIKIN 2. PROVIDE WITH 16" HIGH ADJUSTABLE STEEL STAND EQUAL TO BIGFOOT. 3. FACTORY INSTALLED CONDENSATE LIFT PUMP. 4. FIELD INSTALLED CONDENSATE PUMP BELOW EVAPORATOR COVER EQUAL TO ASPEN MINI-BLANC 5. PROVIDE WITH WIRED THERMOSTAT WITH LCD DISPLAY										

CONDENSING UNIT SCHEDULE									
TAG	SERVICE	MODEL	NOM. TONS	MBH	AMBIENT °F	SST °F	EER/SEER	REFG	REFG LBS PER CIRCUIT
CU-3	AHU-3	RCS06G079C	6.5	83	95	45	12.5	R-410A	13.7
CU-4	AHU-4	DX13SA0363	3	33	95	47	13	R-410A	4.3
FANS					COMPRESSORS				
TAG	QTY	FAN DIA	RPM	FLA (EA)	TYPE	QTY	NO. CIRCUITS	COMP. PER CIRCUIT	FLA (EA)
CU-3	1	26	-	5.5	SCROLL	1	1	1	25
CU-4	1	26	-	1.1	SCROLL	1	1	1	-
ELECTRICAL					PIPING CONNECTIONS		NOTES		
TAG	POWER	KW INPUT	MCA	MAX FUSE	WEIGHT LBS.	LIQUID	SUCTION		
CU-3	208/3/60	6.0	34	50	245	1/2"	1-1/8"	1, 2, 3	
CU-4	208/3/60	3.1	14.1	20	196	3/8"	3/4"	1, 2, 3	
AIR COOLED CONDENSING UNIT SCHEDULE NOTES:									
1. BASED ON DAIKIN APPLIED									
2. REFRIGERANT SERVICE VALVES									
3. 2" DEFLECTION SPRING ISOLATORS									

FINNED-TUBE RADIATOR SCHEDULE											
TAG	TYPE	BTU/FT	PIPING CONN.	GPM	TIERS	FPF	ELEMENT	MODEL	AVG WATER TEMP °F	EAT °F	NOTES
FTR-1	WALL MOUNTED	690	3/4" NPT	1.0	1	50	2 3/4" x 3 3/4" x 0.011"	LB2	170	65	1, 2, 3
FINNED-TUBE RADIATOR SCHEDULE NOTES: 1. BASED ON STERLING 2. PROVIDE COLOR AS SELECTED BY ARCHITECT 3. PROVIDE FULL HEIGHT BACKPLATE & RETURN IN COVER HANGERS											

DIFFUSER / GRILLE AND REGISTER SCHEDULE											
TAG	DESCRIPTION	NECK SIZE (W x H)	MAX CFM	SP (IN-WC)	THROW FT	NC	TYPE	MODEL	MOUNTING	NOTES	
SG-1	SUPPLY AIR GRILLE	18 x 8	400	0.035	12 - 18 - 29	<15	DBL DEFLECTION	520-N-L	SURFACE	1, 2, 3, 4	
RG-1	RETURN AIR GRILLE	32 x 8	600	0.040	-	<15	45° DEFLECTION	530-N-L	SURFACE	1, 2	
RG-2	RETURN AIR GRILLE	40 x 8	800	0.040	-	<15	45° DEFLECTION	530-N-L	SURFACE	1, 2	
EG-1	EXHAUST AIR GRILLE	8 x 6	125	0.063	-	<15	45° DEFLECTION	530-N-L	SURFACE	1, 2	
DIFFUSER / GRILLE SCHEDULE NOTES:											
1. BASED ON PRICE											
2. PROVIDE WHITE FINISH											
3. VOLUME EXTRACTOR (BLADES 2" O.C.) WITH KEY ADJUSTMENT THROUGH FACE OF GRILLE											
4. PERFORMANCE BASED ON 22 DEGREE FRONT BLADE ANGLE											

LOUVER SCHEDULE									
TAG	SERVICE	SIZE (W x H)	MODEL	BLADE TYPE	FREE AREA SF	CFM	FPM	APD	NOTES
L-1	AIR HANDLER OUTSIDE AIR	36" x 66"	ESD403	DRAINABLE	8.54	4,000	468	0.05	1, 2, 3, 4, 5
L-2	TOILET ROOM EXHAUST AIR	24" x 12"	ESD403	DRAINABLE	0.70	400	571	0.05	1, 2, 3, 4, 5
LOUVER SCHEDULE NOTES: 1. BASED ON GREENHECK 2. LOUVER BY DIV. 23. COORDINATE WITH ARCHITECTURAL ELEVATIONS. 3. COLOR AS SELECTED BY ARCHITECT 4. BIRDSCREENS 5. FLANGED FRAME									


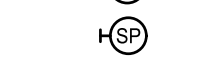
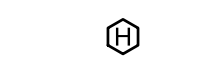



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REV.	DESCRIPTION	DATE
<div><div>STATE OF MAINE REGISTERED PROFESSIONAL ENGINEER 06.03.22</div></div>		
<div><div>wbrc</div><div>WBRCINC.COM</div></div>		
UMA BANGOR CAMDEN HALL SECOND FLOOR RENOVATION		
PROJECT: BANGOR, ME MECHANICAL SCHEDULES		
SHEET TITLE: WBRC CAD FILE: 10089002 - M-601 PROJECT NO.: 10089002 SCALE: AS NOTED GRAPHIC SCALE: 0' 1'		
DRAWN BY: SRJ DATE OF RECORD: AJR		
SHEET NO.: M-601		



Jun 03, 2022 - 4:08pm - SHEET SIZE: 30x42  
T:\02 Projects\1000-1100\10089002 UMA Bangor Camden Hall 2nd Floor\DES\Draws\UMA Bangor Camden Hall 2nd Floor\DES\Draws\LEGEND & LIGHT FIXTURE SCHEDULE.dwg\kyle.mallor

## LEGEND

ALL DEVICES, FIXTURES, ETC. SHALL BE NEW UNLESS DESIGNATED WITH THE FOLLOWING TAGS:

E	EXISTING TO REMAIN
ER	EXISTING RELOCATED
NR	NEW TO REPLACE EXISTING IN EXISTING LOCATION
R	EXISTING TO BE REMOVED
RR	REMOVE & RELOCATE EXISTING
	EMERGENCY LIGHT
	LED FIXTURE - UPPERCASE LETTER IS TYPE, LOWERCASE LETTER IS SWITCH CONTROL GROUP
	RECTANGLES INDICATE NUMBER FIXTURES IN A ROW
	CEILING MOUNTED FIXTURE - NOTES SAME AS ABOVE
	WALL MOUNTED FIXTURE - NOTES SAME AS ABOVE
	CEILING MOUNTED EXIT SIGN - ARROW INDICATES DIRECTIVE ARROW ON SIGN
	WALL MOUNTED EXIT SIGN - ARROW INDICATES DIRECTIVE ARROW ON SIGN EMERGENCY LIGHTING
	BATTERY PACK WITH EMERGENCY LAMPS AS SHOWN
	REMOTE EMERGENCY LAMP LIGHT FIXTURES
	SPST FLUSH WALL TOGGLE SWITCH - MOUNT AT 48" A.F.F TO CENTER - LETTER INDICATES SWITCH GROUP
	THREE-WAY TOGGLE SWITCH - NOTES SAME AS SPST SWITCH ABOVE
	DIMMER SWITCH - NOTES SAME AS SPST SWITCH ABOVE
	FOUR-WAY TOGGLE SWITCH - NOTES SAME AS SPST SWITCH ABOVE
	WALL KEY SWITCH - NOTES SAME AS ABOVE
	PILOT LIGHT SWITCH - NOTES SAME AS ABOVE
	CEILING MOUNTED OCCUPANCY SENSOR - "H" INDICATES HALLWAY.
	PHOTO CELL
	20 AMP DUPLEX CONVENIENCE RECEPTACLE - MOUNT AT 18" A.F.F. TO CENTER UNLESS INDICATED OTHERWISE - "GF" INDICATES GROUND FAULT DEVICE
	"**" INDICATES GFI PROTECTED BY UPSTREAM DEVICE, "WP" INDICATES WEATHERPROOF
	"IG" INDICATES INSULATED/ISOLATED GROUND, "C" INDICATES CEILING MOUNTED, "F" INDICATES FLOOR MOUNTED
	20 AMP QUADRAPLEX (DOUBLE DUPLEX) - NOTES SAME AS ABOVE
	SPECIAL PURPOSE OUTLET OR EQUIPMENT CONNECTION - COORDINATE LOCATION AND TYPE OF CONNECTION WITH EQUIPMENT BEING SERVED.
	JUNCTION BOX WITH COVER
	MOTOR - SIZE AS INDICATED - COORDINATE W/ ACTUAL EQUIPMENT BEING SERVED
	MANUAL STARTER - COORDINATE WITH EQUIPMENT BEING SERVED SINGLE THROW
	FUSED DISCONNECT SWITCH - NEMA ENCLOSURE AS REQUIRED REMOTE CONTROL
	MAGNETIC STARTER - COORDINATE W/ EQUIPMENT BEING SERVED
	GROUND
	ADA ELECTRICALLY-ASSISTED DOOR OPENER PUSHBUTTON
	BRANCH CIRCUIT RUN IN CEILING OR IN WALLS
	LOW VOLTAGE OR CONTROL WIRING - #12 MINIMUM OR AS NOTED
	MULTI-CONDUCTOR BRANCH CIRCUIT - NUMBER OF HASHMARKS IS NUMBER OF WIRES (NOT INCLUDING GROUND WIRE) WITHOUT HASHMARKS IS TWO WIRE
	HOMERUN TO CIRCUIT AND PANEL INDICATED - NUMBER OF ARROWS IS NUMBER OF PHASE WIRES - NUMBER OF WIRES AS INDICATED ABOVE
	CONTINUATION OF CIRCUIT
	DIRECTIVE ARROW
	PANELBOARD - SEE PANELBOARD SCHEDULE(S)
	COMBINATION VOICE/DATA JACK - "V" INDICATES NUMBER OF VOICE LINES, "D" INDICATES NUMBER OF DATA LINES, PROVIDE (1) EACH UNLESS NOTED OTHERWISE - "U" INDICATES 48" TO CENTER A.F.F. CABLING, JACKS, & TERMINATIONS WILL BE PROVIDED AND INSTALLED BY OWNER'S VENDOR. PROVIDE 1" EMPTY CONDUITS WITH PULL STRING WHERE NOT IN CABLE TRAY AND JUNCTION BOXES ONLY.
	VOICE JACK - NOTES SAME AS VOICE/DATA JACK ABOVE - "W" INDICATES WALL PHONE, (1) VOICE LINE ONLY
	DATA JACK - NOTES SAME AS VOICE/DATA JACK ABOVE
	WIRELESS ACCESS PORT - CABLING, JACKS, & TERMINATIONS WILL BE PROVIDED AND INSTALLED BY OWNER'S VENDOR
	TELEVISION JACK - NOTES SAME AS RECEPTACLES
	RECESSED FLOOR OR CEILING MOUNTED BOX - POWER & COMMUNICATIONS AS SHOWN-"F" INDICATES FLOOR MOUNTED, "C" INDICATES CEILING MOUNTED - NOTES SAME AS VOICE/DATA JACK ABOVE
	WALL MOUNTED CLOCK
	CEILING SPEAKER (SOUND OR INTERCOM SYSTEM AS SHOWN) WALL
	SPEAKER (SOUND OR INTERCOM SYSTEM AS SHOWN)
	LOUD SPEAKER
	MICROPHONE
	INTERCOM SYSTEM CALL STATION
	INTERCOM SYSTEM CONTROL PANEL
	TELEPHONE/INTERCOM SYSTEM HAND SET
	CABLE TRAY
	FIRE ALARM SYSTEM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM SYSTEM CEILING MOUNTED HEAT DETECTOR
	FIRE ALARM SYSTEM CEILING MOUNTED SMOKE DETECTOR
	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR
	WALL MOUNTED FIRE ALARM SYSTEM MANUAL PULL STATION
	FIRE ALARM SYSTEM WALL MOUNTED AUDIOVISUAL DEVICE WITH VISUAL DEVICE CANDELA RATING AS NOTED
	FIRE ALARM SYSTEM WALL MOUNTED VISUAL DEVICE ONLY - CANDELA RATING AS NOTED FIRE ALARM SYSTEM
	DOOR HOLD-OPEN DEVICE CONNECTION
	FIRE ALARM SYSTEM/SPRINKLER SYSTEM PRESSURE SWITCH
	FIRE ALARM SYSTEM/SPRINKLER SYSTEM FLOW SWITCH
	FIRE ALARM SYSTEM/SPRINKLER SYSTEM TAMPER SWITCH
	SECURITY ALARM SYSTEM CONTROL PANEL
	ACCESS CONTROL SYSTEM CARD READER
	SECURITY ALARM SYSTEM MOTION DETECTOR
	SECURITY ALARM SYSTEM SIREN/STROBE
	POSITION SWITCH
	VIDEO SURVEILLANCE CAMERA

## LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	SIZE	MANUFACTURER CAT. NO.	LENS/LOUVER	LAMPS	DRIVER	MINIMUM EFFICACY	WATTS PER FIXTURE	VOLT.	NOTES
A	SURFACE MOUNTED FLAT PANEL	2x4	COLUMBIA LIGHTING CFP24-LSCS/SRPSMK-24	ACRYLIC FROSTED	LED	0-10V DIMMING LED	122	49	UNV.	FIXTURE TO SET TO 5500LM OUTPUT AND 3500K COLOR TEMP.
A1	SURFACE MOUNTED FLAT PANEL	2x4	COLUMBIA LIGHTING CFP24-LSCS/SRPSMK-24	ACRYLIC FROSTED	LED	0-10V DIMMING LED	129	33	UNV.	FIXTURE TO SET TO 4100LM OUTPUT AND 3500K COLOR TEMP.
B	SURFACE MOUNTED FLAT PANEL	2x2	COLUMBIA LIGHTING CFP22-LSCS/SRPSMK-22	ACRYLIC FROSTED	LED	0-10V DIMMING LED	128	28	UNV.	FIXTURE TO SET TO 3300LM OUTPUT AND 3500K COLOR TEMP.
B1	CEILING RECESSED FLAT PANEL	2x2	COLUMBIA LIGHTING CFP22-LSCS	ACRYLIC FROSTED	LED	0-10V DIMMING LED	128	28	UNV.	FIXTURE TO SET TO 3300LM OUTPUT AND 3500K COLOR TEMP.
C	WALL MOUNTED LINEAR	4'L	LITECONTROL 4L-W-AD-4-04-ASYM-C*-35K-D110-D01-1C-UNV	ASYM. DIFFUSED ACRYLIC	LED	0-10V DIMMING LED	110	40	UNV.	FIXTURE TO BE MOUNTED AT 8'-0" AFF TO TOP OF FIXTURE, UNO. FINISH BY ARCH.
D	SURFACE MOUNTED WRAPAROUND	4'L	COLUMBIA LIGHTING RLW4-35ML-FAW-EDU	ACRYLIC FROSTED	LED	0-10V DIMMING LED	129	40	UNV.	
E	EXISTING TO REMAIN	-	-	-	-	-	-	-	-	
F	SURFACE MOUNTED STRIPLIGHT	4'L	COLUMBIA LIGHTING MPS4-35ML-CW-EDU	ACRYLIC FROSTED	LED	0-10V DIMMING LED	140	32	-	
G	CEILING RECESSED SHOWER DOWNLIGHT	4"Ø	PRESCOLITE LTR-4RD-H-SL-06-DM1 / LTR-4RD-T-SHSL35K8-WTAML	PRISM. ACRYLIC	LED	0-10V DIMMING LED	46	8	UNV.	
H	WALL MOUNTED LINEAR	4'L	LITECONTROL 2L-W-AD-04-08*-ASYM-C*-35K-D030-D01-1C-UNV	ASYM. DIFFUSED ACRYLIC	LED	0-10V DIMMING LED	102	12	UNV.	FIXTURE TO BE MOUNTED AT 8'-0" AFF TO TOP OF FIXTURE, UNO. FINISH BY ARCH.
	EXIT SIGNAGE	-	DUAL-LITE EVEURV	-	RED LED	-	-	2	UNV.	REFER TO PLANS FOR MOUNTING & NUMBER OF FACES
	EMERGENCY BATTERY PACK	-	DUAL-LITE LZ15-03L-B	-	LED	-	-	10	120VAC/ 6VDC	
	EMERGENCY REMOTE HEAD	-	DUAL-LITE LZX*-B-08VDC-03L	-	LED	-	-	-	6VDC	REFER TO PLANS FOR NUMBER OF HEADS

## GENERAL ELECTRICAL DEMO NOTES:

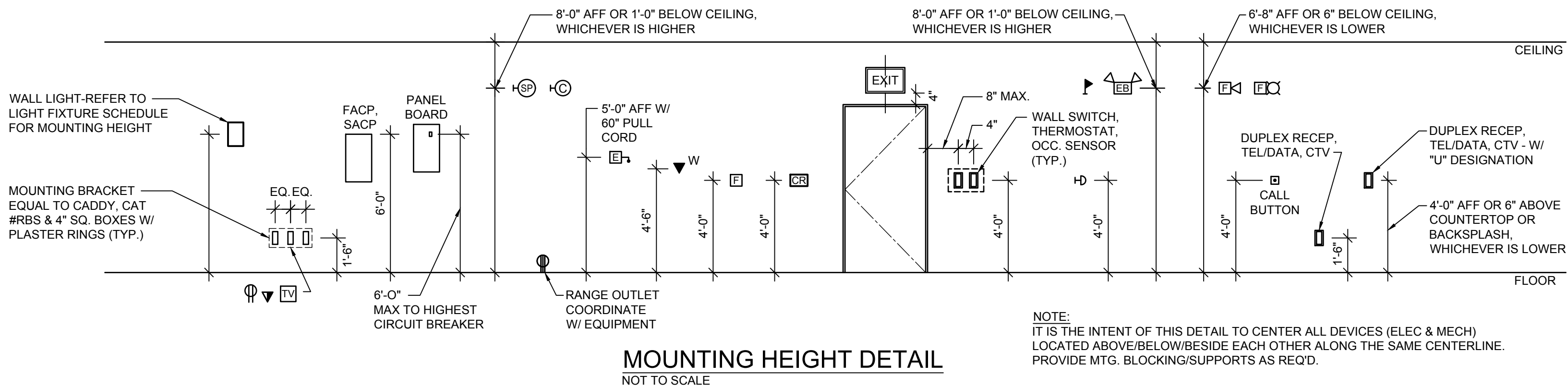
- ELECTRICIAN SHALL REVIEW ALL TRADES DRAWINGS. AREAS NOTED TO BE DEMOLISHED ARE SHOWN ON ARCHITECTURAL PLANS. THIS SHALL INCLUDE ALL ELECTRICAL DEVICES, FIXTURES AND/OR SWITCHGEAR. ALL EXISTING EQUIPMENT SHALL REMAIN ON EXISTING SURFACES UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL EXPOSED RACEWAYS & CABLES, NO LONGER IN USE, SHALL BE REMOVED.
- MAINTAIN, OR RESTORE IF INTERRUPTED BY REMOVALS OR IN PATH OF NEW CONSTRUCTION, ALL CONDUITS, BRANCH CIRCUITS, AND FEEDERS PASSING THROUGH AND SERVING UNDISTURBED AREAS (SHOWN OR NOT SHOWN).
- ALL EXISTING CONDUITS STUBBED THROUGH FLOOR OR ROOF SERVING ITEMS TO BE REMOVED (SHOWN OR NOT SHOWN) AND NOT REQUIRED TO BE REUSED SHALL BE CUT OFF FLUSH WITH THE SLAB OR ROOF DECK AND SEALED.
- IN ANY AREA REQUIRING THE PERFORMANCE OF ANY TRADES WORK, THIS CONTRACTOR SHALL CAREFULLY REMOVE AND STORE ANY ELECTRICAL ITEMS IN THE PATH OF WORK, REINSTALLING AND RECONNECTING SAME AS REQUIRED IN ACCORDANCE WITH THE PLANS AND/OR AS DIRECTED AFTER COMPLETION OF OTHER TRADES WORK IN THAT AREA.
- ELECTRICAL CONTRACTOR SHALL PROVIDE OWNER WITH MANIFEST SUBMISSION RECORD OF DISPOSAL FOR ALL LIGHT FIXTURES CONTAINING BALLASTS WITH PCB'S AND MERCURY FLUORESCENT LAMPS.

## GENERAL ELECTRICAL NOTES:

- ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMAN LIKE MANNER, RECTILINEAR TO BUILDING STRUCTURE, AND IN ACCORDANCE WITH ALL APPLICABLE CODES, INCLUDING, BUT NOT LIMITED TO NFPA 70, 90A, 101 AND DIRECTION OF AUTHORITY HAVING JURISDICTION.
- EXACT LOCATION OF MECHANICAL EQUIPMENT THAT REQUIRES ELECTRICAL CONNECTION IS TO BE COORDINATED WITH THE MECHANICAL CONTRACTOR.
- ELECTRICIAN SHALL REVIEW ALL TRADES CONTRACT DOCUMENTS, AND FIELD VERIFY, TO DETERMINE SPECIFIC MOUNTING LOCATIONS FOR ELECTRICAL EQUIPMENT AND CONDUIT.
- COORDINATE ARRANGEMENT, MOUNTING, AND SUPPORT OF ELECTRICAL CONDUIT AND EQUIPMENT TO PROVIDE FOR EASE OF DISCONNECTING THE EQUIPMENT WITH MINIMUM INTERFERENCE TO OTHER INSTALLATIONS; TO ALLOW RIGHT OF WAY FOR PIPING INSTALLED AT A REQUIRED SLOPE, AND SO CONNECTING RACEWAYS WILL BE CLEAR OF OBSTRUCTIONS AND OF THE WORKING AND ACCESS SPACE OF OTHER EQUIPMENT.
- ALL PENETRATIONS OF RATED CEILINGS, WALLS AND PARTITIONS SHALL BE SEALED WITH A U.L. LISTED AND APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF THE SEPARATION.

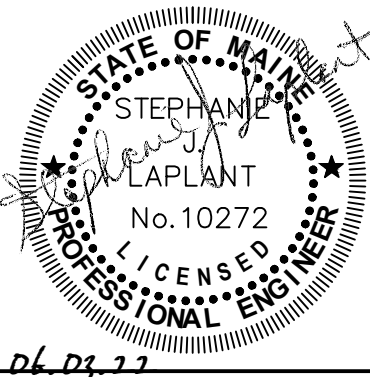
## ABBREVIATIONS

A	AMPERES	GND	GROUND
AFF	ABOVE FINISHED FLOOR	HP	HORSEPOWER, HEAT PUMP
AFG	ABOVE FINISHED GRADE	JB	JUNCTION BOX
ATS	AUTOMATIC TRANSFER SWITCH	KVA	KILO VOLT AMPS
BATT	BATTERY	KW	KILOWATT(S)
BHEC	BANGOR HYDRO ELECTRIC CO.	LTG	LIGHTING
BKR	BREAKER	MAX	MAXIMUM
BLDG	BUILDING	MIN	MINIMUM
CB	CIRCUIT BREAKER	N	NEW
CKT	CIRCUIT	OC	ON CENTER
CLG	CEILING	OS/OI	OWNER SUPPLIED, OWNER INSTALLED ITEM
CMP	CENTRAL MAINE POWER CO.	PAR	PARTIAL CIRCUIT
CT	CURRENT TRANSFORMER	PVC	POLYVINYL CHLORIDE
DN	DOWN	RECEP	RECEPTACLE
DWG	DRAWING	TEL	TELEPHONE
EMERG	EMERGENCY	TYP	TYPICAL
EMT	ELECTRICAL METALLIC TUBING	UG	UNDERGROUND
EQUIP	EQUIPMENT	V	VOLTS
FA	FIRE ALARM	W	WATTS
FAA	FIRE ALARM ANNUNCIATOR	WG	WIRE GUARD
FACP	FIRE ALARM CONTROL PANEL	WM	WIREMOLD
FA-PE	FIRE ALARM SYSTEM POWER EXTENDER	WP	WEATHERPROOF
FIN	FINISH FINISHED		
FLR	FLOOR		



MOUNTING HEIGHT DETAIL  
NOT TO SCALE

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REV.	DESCRIPTION	DATE



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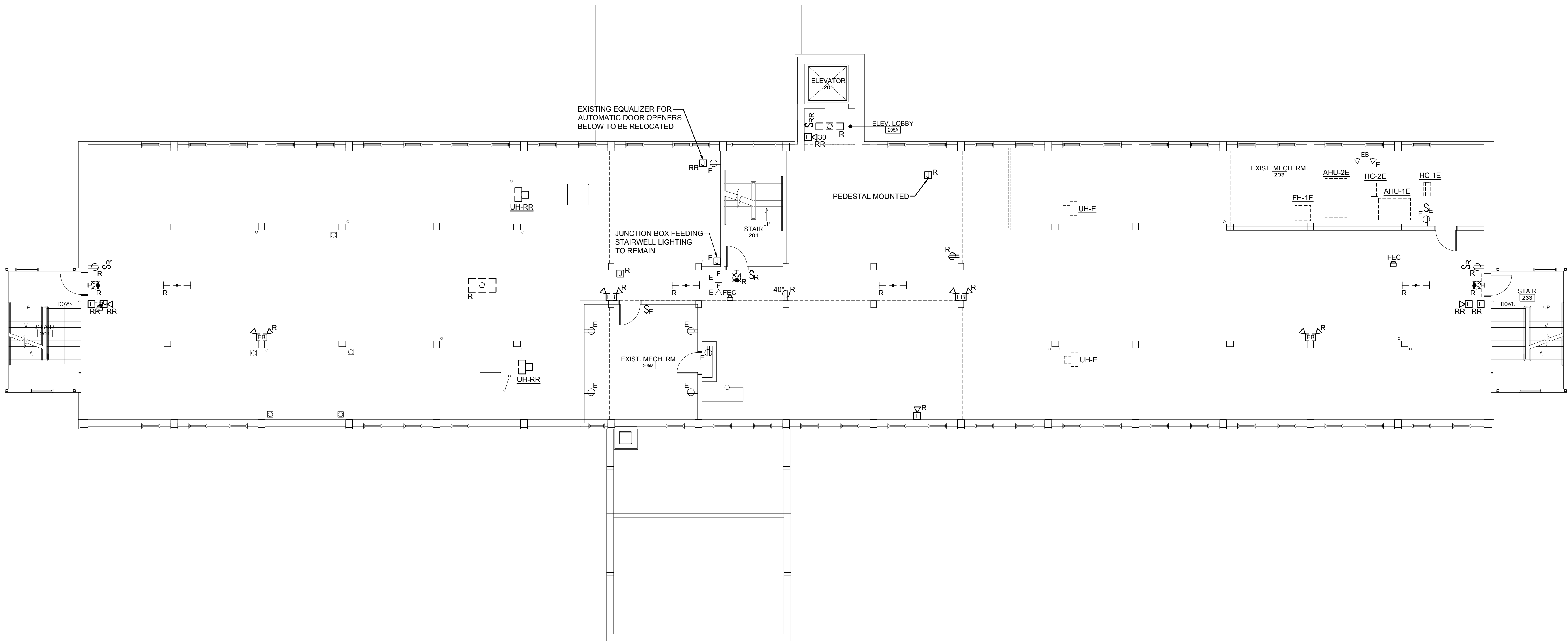
UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT: BANGOR, ME  
ELECTRICAL LEGEND & LIGHT  
FIXTURE SCHEDULE

SHEET TITLE:	10089002 - E-001
WBRC CAD FILE:	10089002
PROJECT No:	AS NOTED
SCALE:	GRAPHIC SCALE: 0' 1"
PICPM:	KCK/JLR
DRAWN BY:	KRM
DATE OF RECORD:	S.L.
	E-001



Jun 03, 2022 - 4:09pm - SHEET SIZE: 30x42  
T:\02 Projects\1000-1\000\0089002 UMA Bangor Camden Hall 2nd Floor\DESIGN\UMA Bangor Camden Hall 2nd Floor\DESIGN\0089002-ED102 SECOND FLOOR REMOVALS PLAN.dwg\pjc.mahar



J1 SECOND FLOOR REMOVALS PLAN

1/8" = 1'-0"

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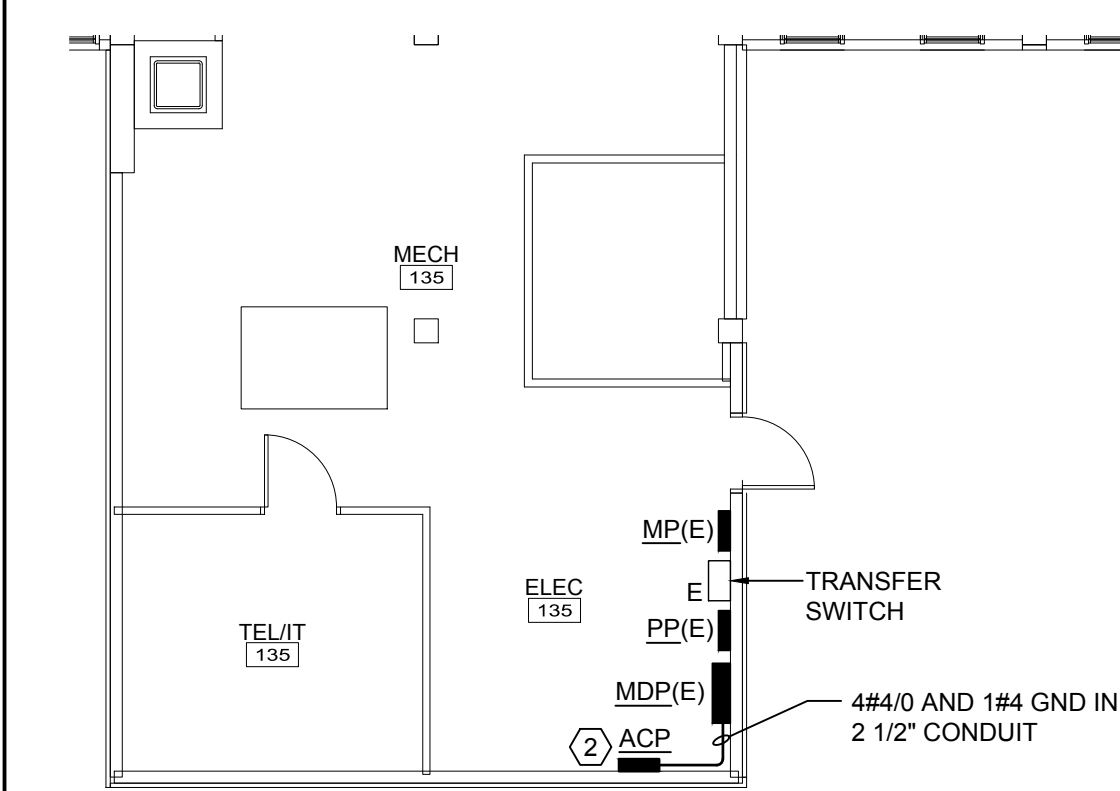
REV.	DESCRIPTION	DATE
0	ISSUED FOR BID	06/03/2022

UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT: BANGOR, ME  
SECOND FLOOR REMOVALS PLAN

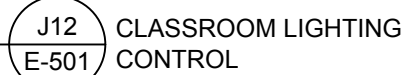
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WBRC CAD FILE: 10089002	GRAPHIC SCALE: 0" = 1"
PROJECT No. AS NOTED	
SCALE: KCKJLR	SHEET No. ED102
PICPM: KRM	
DRAWN BY: S.J.L.	
DATE OF RECORD:	





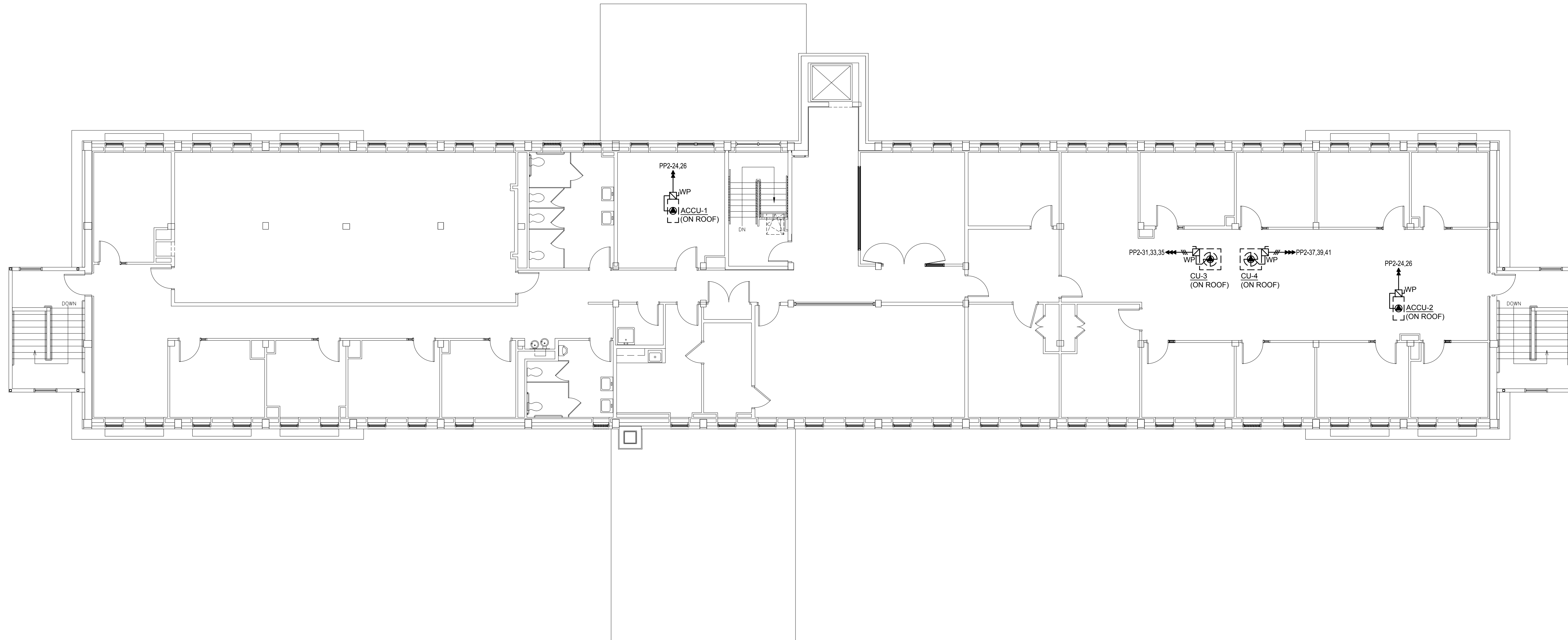
14) OS CONNECTRAC SYSTEM TO BE INSTALLED UNDER CARPET TILE. COORDINATE ALL AV CONDUITS, POWER & DATA TO SYSTEM. REFER TO OTHER TECH NOTES FOR INFORMATION.

J16	FIRST FLOOR ELEC. RM PART. PLAN
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$$1/8" = 1'-0"$$

$$1/8'' = 1'-0''$$

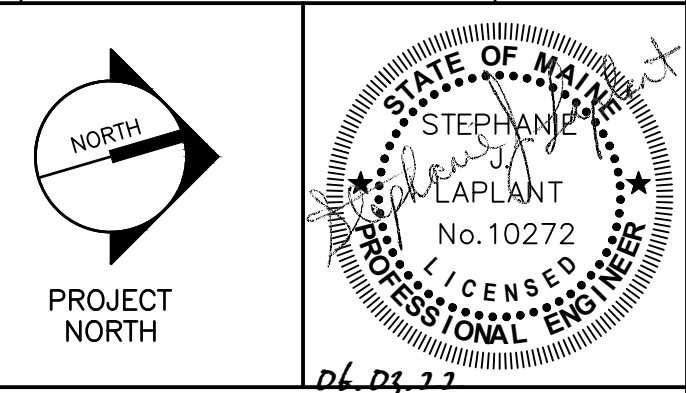
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J1	THIRD FLOOR ELECTRICAL PLAN
1/8" = 1'-0"	--

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0	ISSUED FOR BID	06/03/2022
REV.	DESCRIPTION	DATE



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UMA BANGOR CAMDEN HALL  
SECOND FLOOR RENOVATION

PROJECT:	BANGOR, ME		
THIRD FLOOR ELECTRICAL PLAN			
SHEET TITLE:		10089002 - E-103	
WORK CAD FILE:		10089002	
PROJECT NO.	10089002	GRAPHIC SCALE:	0" 1"
SCALE:	AS NOTED		
PROGRAM	KCK/JLR	SHEET No.	E-103
DRAWN BY:	KRM		
A/E OF RECORD:	SUL		



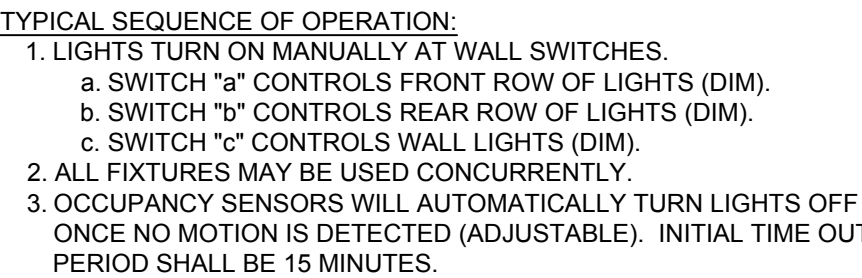
Jun 03, 2022 - 4:10pm - SHEET SIZE: 30x42  
T:\02 Projects\10001-10100\10089002 UMA Bangor Camden Hall 2nd FLR\2DES\Drawgs\UMA Bangor Camden Hall 2ND FLR\Sheets\10089002-E-501 ELECTRICAL DETAILS.dwg;kyle.mahar

NEW PANEL				ACP							
VOLTAGE: 120/208V		PHASES: 3		WIRE: 4		TYPE:		LOCATION:			
225A MLO		FED FROM:						MOUNTING: SURFACE			
SERVICE	KW	BRKR	NOTE	NO	PHASE	NO	NOTE	BRKR	KW	SERVICE	
CU-1 (FUTURE)		2P25	2	1	A	2	2	2P45		CU-3 (FUTURE)	
	3			B	4						
	5			C	6						
CU-2 (FUTURE)		2P25	2	7	A	8	2	2P45		CU-4 (FUTURE)	
				9	B	10					
ACCU-3 (FUTURE)		2P25	2	11	C	12	2	2P15		ACCU-1 (FUTURE)	
EXTERIOR REC. (FUTURE)		1P20	2	13	A	14	2	2P35		ACCU-2 (FUTURE)	
LV-1 IN BRO/ANATOMY LAB (FUTURE)		1P20	2	15	B	16					
SPARE		1P20		17	C	18		--		SPACE	
SPACE	--	--	19	A	20	--		--		SPACE	
SPACE	--	--	21	B	22	--		--		SPACE	
SPACE	--	--	23	C	24	--		--		SPACE	
SPACE	--	--	25	A	26	--	3P200		18.4	PANEL PP2	
SPACE	--	--	27	B	28				16.1		
SPACE	--	--	29	C	30				18.2		

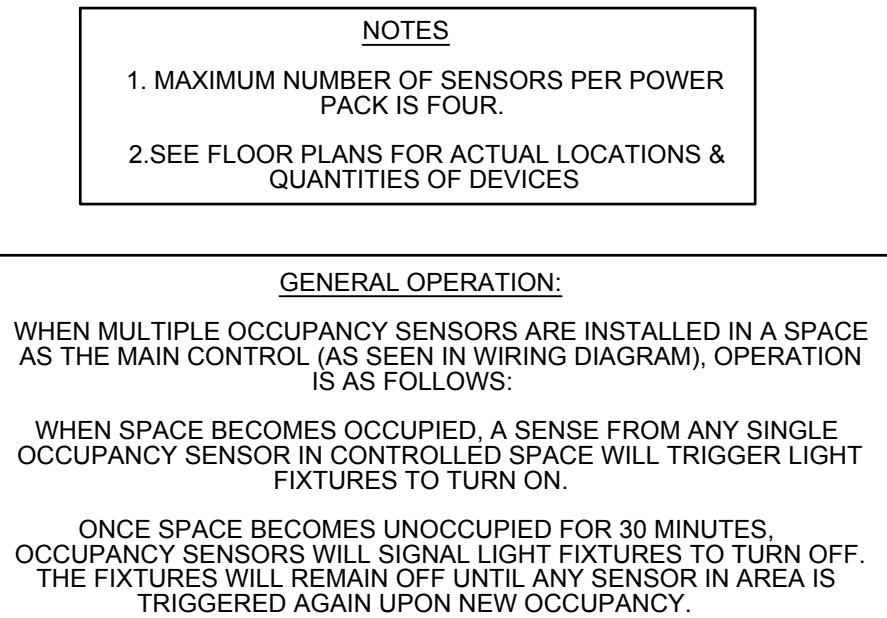
**PANELBOARD NOTES:**

1. EXISTING CIRCUIT BREAKER TO BE MAINTAINED.
2. CIRCUIT BREAKER TO BE UTILIZED IN FUTURE 2ND FLOOR FITOUT. TURN OFF

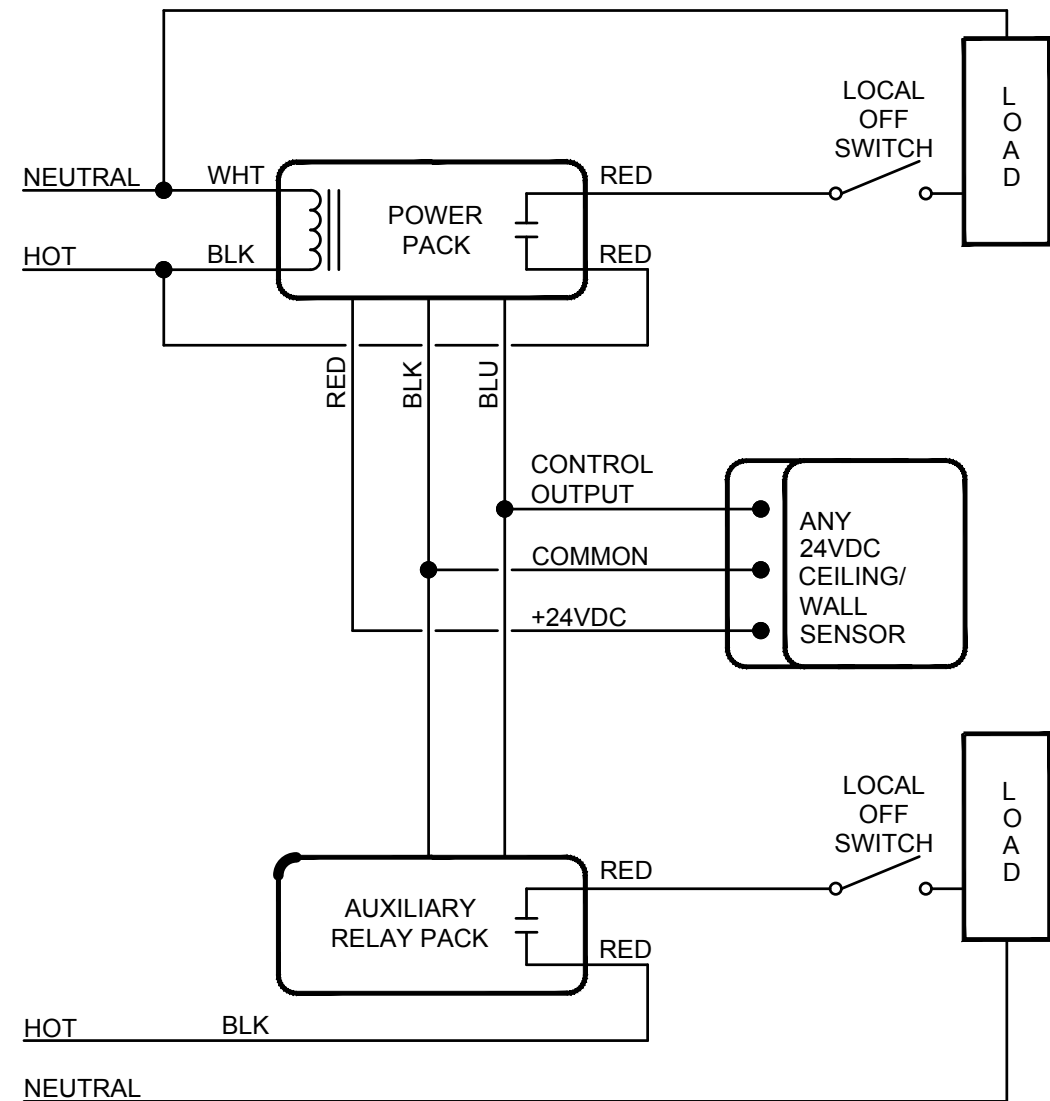
## PANELBOARD SCHEDULES



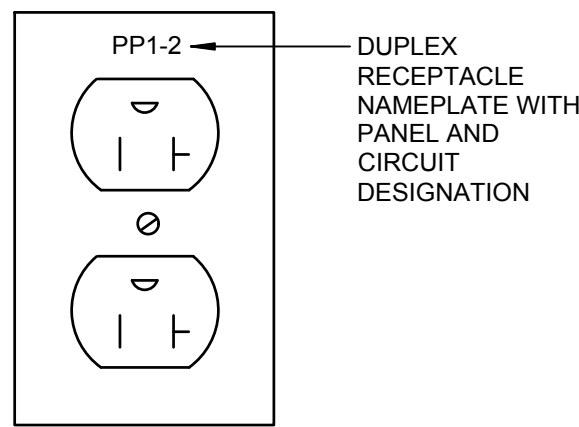
J12	CLASSROOM LIGHTING CONTROL
NTS	--



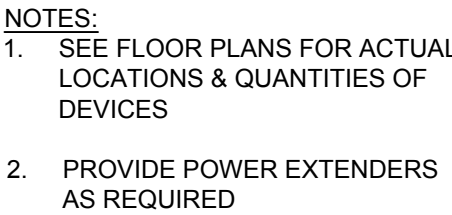
E12	MULTIPLE OCCUPANCY SENSOR WIRING DIAGRAM
NTS	--



A12	DUAL SWITCH OCC. SENSOR CONTROL
NTS	--



N15	TYP. ELECTRICAL LABELING
NTS	--



J15	FIRE ALARM RISER DIAGRAM
NTS	--