

Prepared for:

Josephine-Louise Public Library

5 Scofield Street

Walden, New York 12586 Ph: (845) 778-7621 F: (845) 778-1946

Library Board: Mel Wesenberg, President

> Charles Frank, Vice President Edan Holmes, Secretary Brittany Bonesteel Rev. Ani Kunga Chodrun Laura Tighe McNamee

lason Trafton

Library Director: Ginny Neidermier

# Josephine-Louise **Public Library**

General Construction

# SECOND FLOOR COMMUNITY ROOM **RENOVATIONS**

#### Architect:



57 West High Street Ballston Spa New York 12020

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04-12-2021

# Mechanical, Electrical, Plumbing & Fire Protection Engineers:



9 Columbia Circle Albany, New York 12203 Ph: 518.453.6091

THE ARCHITECT CERTIFIES THAT THIS PROJECT HAS BEEN DESIGNED BY ME, OR UNDER MY SUPERVISION, IN ACCORDANCE WITH THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, INCLUDING AMENDMENTS AS PUBLISHED BY NEW YORK DEPARTMENT OF STATE (CURRENT VERSION): THE ENERGY CONSERVATION CONSTRUCTION CODE (CURRENT VERSION). AND APPLICABLE FEDERAL, STATE AND LOCAL LAWS, CODES, AND REGULATIONS, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THESE DOCUMENTS ARE IN CONFORMENCE THEREWITHIN

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# Sage Engineering Associates, LLP

#### **ABBREVIATIONS** MINIMUM ABOVE FINISH FLOOR MASONRY OPENING AFG ABOVE FINISH GRADE ALUMINUM NIC NOT IN CONTRACT ALUM APPROXIMATE OPP OPPOSITE PRESSURE TREATED CENTERLINE CONTROL JOINT ROUGH OPENING COORD COORDINATE SIMILAR TYPICAL DRAWING ELEVATION UNLESS NOTED OTHERWISE **EXISTING** VERIFY IN FIELD EXISTING TO REMAIN WITH GYPSUM WALL BOARD WITHOLIT INSUL INSULATION WD WOOD MAXIMUM

**GENERAL NOTES** 

ALL MATERIALS, PRODUCTS AND FINISHES SHALL BE INSTALLED IN FULL COMPLIANCE

ALL INTERIOR DIMENSIONS ARE TAKEN FROM FINISH FACE, CENTERLINE OF STEEL, OR

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING ANY CONSTRUCTION WORK.

CONSTRUCTION SAFETY. SAFETY DURING CONSTRUCTION IS THE CONTRACTOR'S

ALL WORK IS TO BE IN STRICT ACCORDANCE WITH THE BUILDING CODE OF NEW

ORK STATE, ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE AND

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THESE DRAWINGS DO NOT CONTAIN THE NECESSARY COMPONENTS FOR

DO NOT SCALE THE DRAWINGS.

APPLICABLE REFERENCE STANDARDS.

MANUFACTURER

MFGR

WITH ALL MANUFACTURER'S INSTRUCTIONS.

FACE OF MASONRY UNLESS OTHERWISE NOTED.

#### SCHEDULE OF DRAWINGS TITLE SHEET: GENERAL NOTES, ABBREVIATIONS + SCHEDULE OF DRAWINGS ARCHITECTURAL: OVERALL SECOND FLOOR PLAN - DEMOLITION + REMOVALS OVERALL SECOND FLOOR REFLECTED CEILING PLAN - DEMOLITION + REMOVALS AR002 OVERALL SECOND FLOOR PLAN - NEW WORK OVERALL SECOND FLOOR REFLECTED CEILING PLAN - NEW WORK A100 ENLARGED PARTIAL SECOND FLOOR PLAN - NEW WORK ENLARGED PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - NEW WORK ENLARGED PARTIAL SECOND FLOOR FINISH PLAN - NEW WORK A101 A102 FI EVATIONS ELEVATIONS A201 A300 CABINETRY DETAILS A400 FINISH & DOOR SCHEDULES, TYPES & DETAILS COMMUNITY ROOM FURNITURE LAYOUT (FOR REFERENCE ONLY) F100 H001 LEGEND, SYMBOLS, ABBREVIATIONS AND SPECIFICATIONS SCHEDULES H003 **DETAILS** HVAC SECOND FLOOR REMOVAL PLAN HR I OC ELECTRICAL: E000 OVERALL SECOND FLOOR REMOVAL PLAN - LIGHTING + FIRE ALARM ENLARGED SECOND FLOOR REMOVAL PLAN - POWER ER100 OVERALL SECOND FLOOR PLAN - LIGHTING + FIRE ALARM

ENLARGED SECOND FLOOR PLAN - POWER

F100

# CLASSIFICATION: IIIB (NON-COMBUSTIBLE EXTERIOR:

BID SET: 12 APRIL 2021

**CODE SUMMARY** 

ARCHITECT'S IOB No: 19+42+17

DWG. No.

OCCUPANCY CLASSIFICATION:

A-3 ASSEMBLY / LIBRARY

COMBUSIBLE INTERIOR)

BASE BID:

ALTERNATE #2: ALTERATIONS LEVEL I - 266 SF FULLY-SPRINKLERED

BUILDING CONSTRUCTION

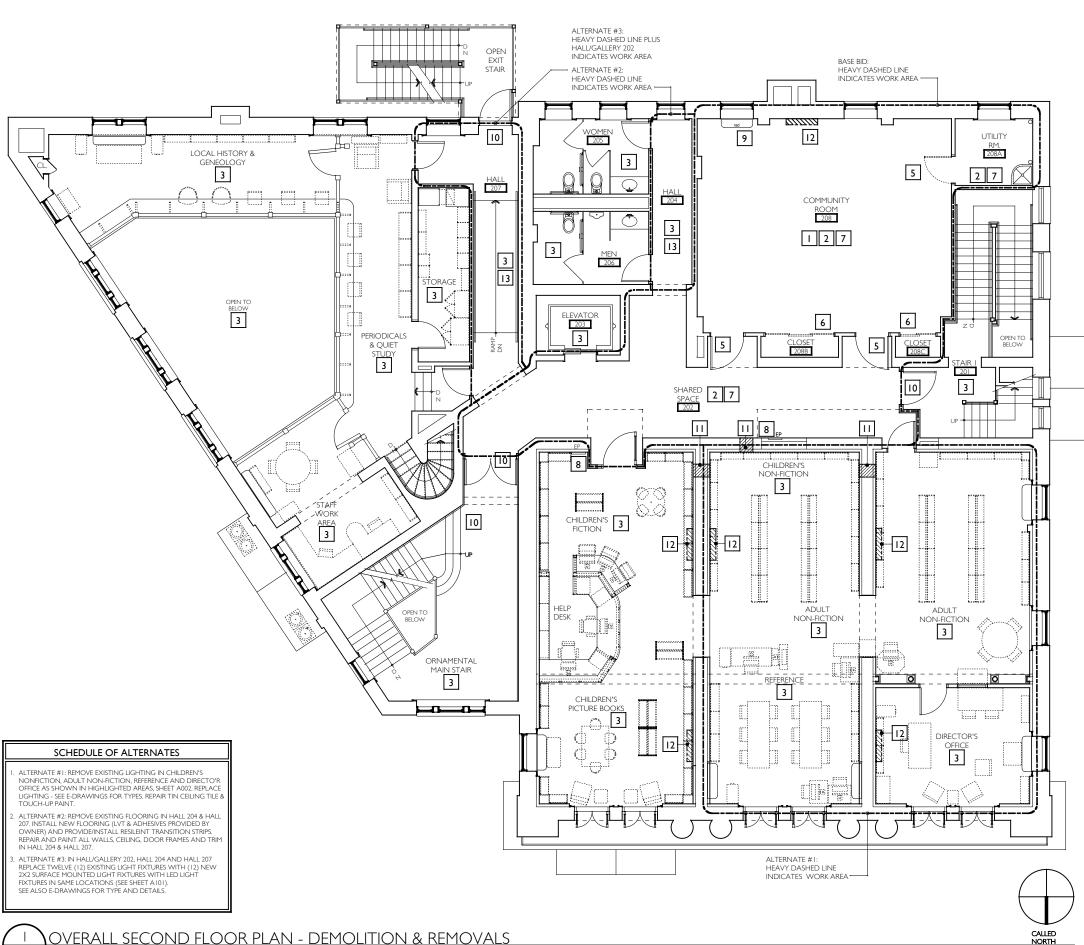
CLASSIFICATION OF WORK:

LTERATIONS LEVEL 1 - 1,122 SF

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#### DRAWING SYMBOL LEGEND

SPECIFIC WORK ITEM

**GENERAL NOTES - REMOVALS** PROTECT ALL EXISTING DOORS, FRAMES, WINDOWS CORNICES WITHIN SPACES TO REMAIN, UNO.

PROTECT ALL ARCHITECTURAL FEATURES

REFER TO A 102 FOR FLOOR FINISH PLAN.

WORK IN THE CHILDREN'S AREA.

. REFER TO E-DRAWINGS FOR MISCELLANEOUS ELECTRICAL REMOVALS / NEW WORK

EXISTING CONDITIONS.

PLAN -NEW WORK

THROUGHOUT LIBRARY / BUILDING TO REMAIN.

NOTIFY ARCHITECT AND LIBRARY OF ANY AND ALL DISCREPANCIES FOUND ON THE PLANS, IN NOTES OF

REFER TO A 100 FOR ENLARGED COMMUNITY ROOM PLAN - NEW WORK. . REFER TO A I 0 I FOR ENLARGED REFLECTED CEILING

. MAINTAIN ALL EXISTING MEANS OF EGRESS FREE FROM

. CONTRACTOR SHALL PROVIDE REMOVAL OF EXISTIN FLOORING IN SCOPE OF WORK AREA AND PREP FOR

CONSTRUCTION DEBRIS DURING DURATION OF

NEW FLOORING, SEE ALSO A LOZ, OWNER SHALL PROVIDE NEW FLOORING MATERIAL AND ADHESIVES.

REFER TO H-DRAWINGS FOR MECHANICAL AND PLUMBING REMOVALS / NEW WORK.

. REFER TO AR002 FOR OVERALL SECOND FLOOR REFLECTED CEILING PLAN EXISTING CONDITIONS, DEMOLITION & REMOVALS.

EXISTING WALL OR PARTITION TO REMAIN

WORK AREA

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ISSUES and REVISIONS



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SECOND FLOOR **COMMUNITY ROOM** RENOVATION FOR THE

Josephine-Louise Public Library

# SPECIFIC NOTES - REMOVALS

- COMMUNITY ROOM TO BE REMOVED BY OWNE PRIOR TO COMMENCEMENT OF NEW WORK.
- ALL FINISH FLOORING IN SCOPE OF WORK AREA TO BE REMOVED, INCLUDING BASE AND PREPPED FOR NEW CARPET TILE, SEE A102 FOR COORDINATION WITH FLOORING CONTRACT
- NO WORK IN THIS ROOM / AREA (BASE BID) UNC
- NEW BUILT-IN BENCHES, CABINETS AND COUNTERS, SEE A200 & A201 FOR ELEVATIONS AND A300 & A301 FOR DETAILS.
- REMOVE EXISTING DOOR & HARDWARE PROTE
- REMOVE EXISTING DOOR / FRAMES / HARDWA IN THEIR ENTIRETY. SEE A001 FOR NEW CONSTRUCTION.
- REPAIR CRACKS & PREP ALL EXISTING WALLS, DOOR & WINDOW SASH AND TRIM, METAL & WOOD TRIM, AND GWB CEILING WITHIN THIS 7 SPACE FOR NEW PAINTING.
- 8 EXISTING ELECTRICAL PANEL TO REMAIN
- 9 REMAIN.
- MAINTAIN ENTRY / EXIT STAIR CLEAR AND UNOBSTRUCTED AT ALL TIMES DURING CONSTRUCTION.
- REMOVE PORTION OF EXISTING MASONRY AND REPIOUS FORTION OF EASTING MASONRY AIN STUD/GWB WALL TO RECEIVE NEW DUCTWOR HVAC WORK, SEAL & PATCH OPENINGS AFTER DUCTWORK IS INSTALLED
- REMOVE EXISTING HVAC UNIT, SEE H-DRAWING OR ADDITIONAL NOTES / NEW UNITS
- ALTERNATE #2 WORK: REPAIR CRACKS & PREP AL EXISTING WALLS DOOR & WINDOW SASH AND east ining walls, door a window asah and Trim, Met'al & wood trim, and gwb ceiling within this space for New Painting, remov Flooring / Base finishes Flooring / Base finishes



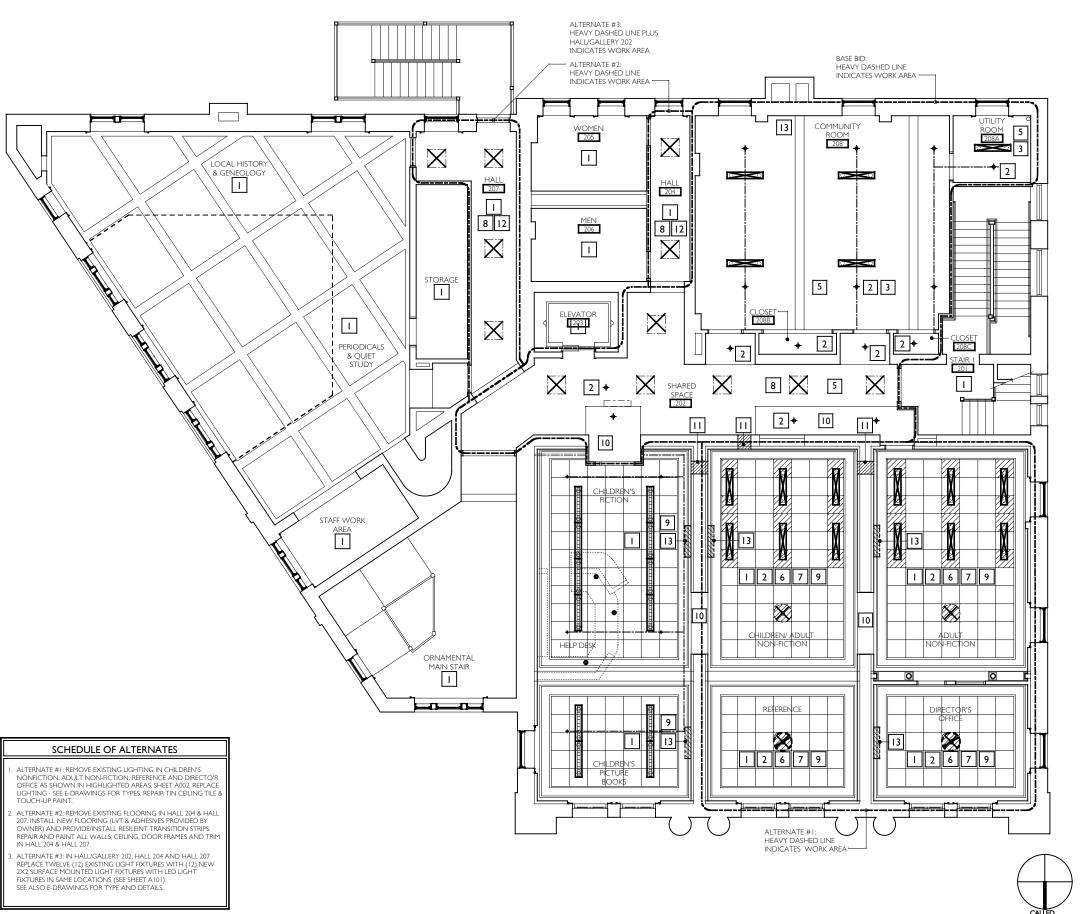
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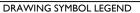
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OVERALL SECOND FLOOR PLAN - DEMOLITION & **REMOVALS** 

AR00

Overall second floor plan - demolition & removals





SPECIFIC WORK ITEM

WORK AREA

EXISTING WALL OR PARTITION TO REMAIN

(0)

FIXTURE, SEE E-DRAWINGS FOR NOTES

===== EXISTING EXPOSED SPRINKLER PIPING + HEAD TO REMAIN



REMOVE EXISTING PENDANT MOUNTED SEE E-DRAWINGS FOR NOTES



Existing tin ceiling to remain, repair as necessary to coordinate with light fixture removals / additions + WIRING CCOORDINATION



EXISTING TIN CEILING TO BE REMOVED AND RELOCATED! RE-INSTALLED AT NEW LIGHTING STEM LOCATION WITHIN FIELD RE-USE ADJACENT TILE FOR REPLACMENT EXISTING HVAC EQUIPIMENT / UNIT TO

AREA OF DUCT PENETRATION THROU EXISTING WALLS

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## GENERAL NOTES - REMOVALS

- PROTECT ALL EXISTING DOORS, FRAMES. WINDOWS, GLAZING, WOOD TRIM, BASE & TIN CEILING IN SPACE: TO REMAIN WITH NEW CONSTRUCTION.
- PROTECT ALL ARCHITECTURAL FEATURES THROUGHOUT ENTIRE LIBRARY SPACE TO REMAIN.
- NOTIFY ARCHITECT AND OWNER OF ANY AND ALL DISCREPANCIES FOUND ON THE PLANS, IN NOTES O EXISTING CONDITIONS.
- REFER TO AR001 FOR OVERALL SECOND FLOOR PLAN LAYOUT (EXISTING CONDITIONS / DEMOLITION & REMOVALS).
- PLAN OF NEW WORK AREA.
- REFER TO E-DRAWINGS FOR MISCELLANEOUS ELECTRICAL REMOVALS / NEW WORK.
- PATCH / REPAIR & REPAINT CEILING IN AREAS WHERE LIGHTING IS TO BE REMOVED. SEE E-DRAWINGS FOR ELECTRICAL COORDINATION FOR EXISTING LIGHTING REMOVALS + NEW LIGHTING FIXTURE TYPES.
- REFER TO H-DRAWINGS FOR MECHANICAL AND PLUMBING REMOVALS / NEW WORK

SECOND FLOOR **COMMUNITY ROOM** RENOVATION FOR THE

Josephine-Louise Public Library

#### SPECIFIC NOTES - REMOVALS

- NO WORK IN THIS ROOM / AREA (BASE BID) UNC
- PATCH / REPAIR + PAINT EXISTING GYPSUM / PLASTER CEILING / SOFFIT AFTER MECH/ELECTRICA
- EMOVE EXISTING LIGHT FIXTURE & SUPPORT ROD: O EXISTING STRUCTURE ABOVE, COORDINATE W IEW PENDANT FIXTURES FOR CIRCUITING. (SEE ALS E-DRAWINGS)
- SEE A 101 FOR ENLARGED REFLECTED CEILING PL
- ALTERNATE # I : REMOVE EXISTING LIGHT FIXTURE & SUPPORT RODS TO EXISTING STRUCTURE ABOVE. COORDINATE WITH NEW PENDANT FIXTURES FOR CIRCUITING. (SEE ALSO E-DRAWINGS) REUSE EXISTIN TIN CEILING TILES, AND REMOVE/REINSTALL UNCUT
- ALTERNATE #1: EXISTING TIN CEILING PANELS TO REMAIN.CAREFULLY REMOVE TILES TO CONCEAL WIRING FOR NEW LIGHTING, AND REINSTALL WHE ROUGH-IN + INSPECTION ARE COMPLETE. SEE E-DRAWINGS FOR ADDITIONAL NOTES
- ALTERNATE #3: REMOVE EXISTING LIGHT FIXTURE REPLACE WITH NEW SEE A002 & E-DRAWINGS
- EXISTING TIN CORNICE PIECE TO REMAIN ALL AROUND ROOM / AREA.
- EXISTING GYPSUM SOFFIT TO REMAIN

13

- REMOVE (AS REQUIRED) EXISTING GYPSUM & MASONRY WALL PENETRATIONS FOR NEW DUCTWORK. SEE H-DRAWINGS FOR SIZES & COORDINATION NOTES
- ALTERNATE #2: REPAIR CRACKS IN GYPSUM PLASTER CEILINGS IN PREPARATION FOR
- REMOVE EXISTING HVAC EQUIPMENT / UNITS. SEE H-DRAWINGS FOR SCOPE OF WORK



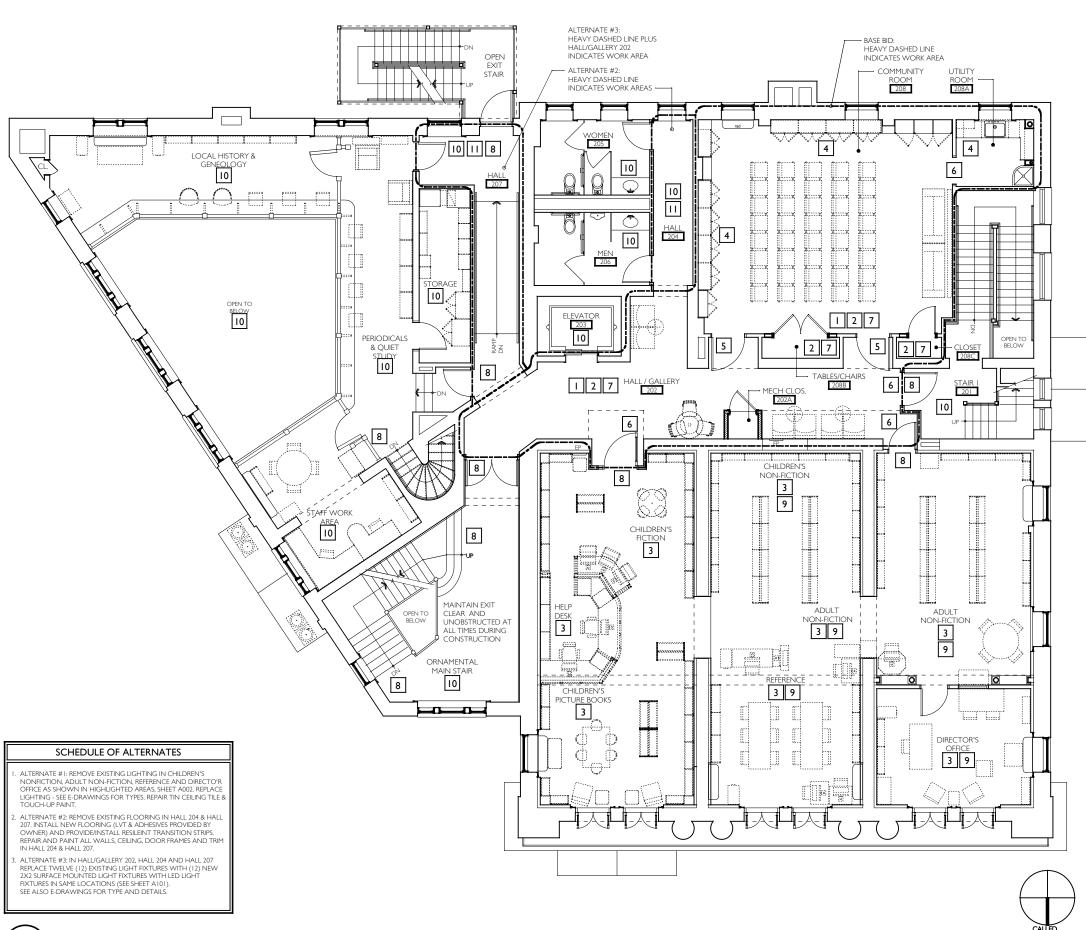
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OVERALL SECOND FLOOR **REFLECTED CEILING PLAN -DEMOLITION & REMOVALS** 

**AR002** DWG, NO.

OVERALL SECOND FLOOR REFLECTED CEILING PLAN - DEMOLITION & REMOVALS



#### DRAWING SYMBOL LEGEND

7

SPECIFIC WORK ITEM

EXISTING WALL OR PARTITION TO REMAIN

TO RE

EXISTING OVERHEAD CONSTRUCTION

----- WORK AREA

BID SET: 12 APRIL 2021

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ISSUES and REVISIONS

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SECOND FLOOR COMMUNITY ROOM RENOVATION FOR THE

Josephine-Louise Public Library

# GENERAL NOTES - NEW WORK PROTECT ALL EXISTING DOORS, FRAMES, WINDO

- PROTECT ALL EXISTING DOORS, FRAMES. WINDOWS, GLAZING, WOOD TRIM, BASE & TIN CEILING WITHIN LIBRARY & COMMON SPACES TO REMAIN.
- 2. PROTECT ALL OTHER ARCHITECTURAL FEATURES THROUGHOUT LIBRARY & COMMON SPACES TO REMAIN.
- NOTIFY ARCHITECT AND OWNER OF ANY AND ALL DISCREPANCIES FOUND ON THE PLANS, IN NOTES OR EXISTING CONDITIONS.
- 4. REFER TO A 100 FOR ENLARGED PLAN NEW WORK.
- REFER TO A101 FOR REFLECTED CEILING PLAN -NEW WORK.
  - REFER TO A 102 FOR FINISH FLOOR PLAN.
- 7. REFER TO E-DWGS FOR MISCELLANEOUS ELECTRICAL WORK, SEE M-DWGS FOR MISCELLANEOUS HVAC & SPRINKLER WORK
- 8. REFER TO AR001 & AR002 FOR OVERALL SECOND FLOOR PLAN & REFLECTED CEILING PLAN -DEMOLITION & REMOVALS DRAWINGS.
- 9. REFER TO A001 & A002 FOR OVERALL SECOND FLOOR PLAN & REFLECTED CEILING PLAN NEW WORK.
- 10. REFER TO A300 FOR CABINETRY DETAILS

  11. REFER TO A400 FOR FINISH & DOOR SCHEDULES &
- DOOR TYPES / DETAILS

  2. REFER TO SCHEDULE OF ALTERNATES, THIS SHEET FOR DESCRIPTION OF WORK. ASSUME BASE BID PER NOTES WITHIN EACH SPACE

#### SPECIFIC NOTES - NEW WORK

- ALL NEW FURNITURE IN SPACE TO BE PROVIDED AND INSTALLED BY SEPARATE CONTRACT. COORDINATE WITH OWNER FOR SCHEDULE. SEE F100 FOR REFERENCE.
- ALL NEW FINISH FLOORING IN SPACE TO BE PROVIDED AND INSTALLED BY SEPARATE CONTRACT. COORDINATE WITH OWNER FOR SCHEDULE. SEE AI 02 FOR REFERENCE.
- MECHANICAL WORK ONLY IN THIS ROOM SEE H-DRAWINGS.
- NEW BUILT-IN BENCHES, CABINETS AND COUNTERS. SEE A200 & A201FOR ELEVATIONS
  - PAINT EXISTING DOOR & FRAME (BOTH SIDES). PROTECT EXISTING HARDWARE TO REMAIN.
- PAINT EXISTING DOOR FRAME TO REMAIN HALLWAY SIDE ONLY, PROTECT EXISTING HARDWARE TO REMAIN
- PRIOR TO FLOORING WORK, PREP AND PAINT AL EXISTING WALLS, DOOR & WINDOW SASH AND TRIM, METAL & WOOD TRIM, AND GWB CEILING WITHIN THIS SPACE
- 8 MAINTAIN ALL FIRE EXITS CLEAR AND UNOBSTRUCTED AT ALL TIMES DURING CONSTRUCTION.
- 9 ALTERNATE #1 WORK: SEE SCHEDULE THIS SHEET FOR SCOPE OF WORK
- FOR SCOPE OF WORK

  NO WORK IN THIS AREA (BASE BID) UNO
- ALTERNATE #2 WORK: SEE SCHEDULE THIS SHEET FOR SCOPE OF WORK

TERED ARCHITECT AND STATE OF NEW YORK OF N

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BY: LMH :: AS NOTED O.: 19.42.17 04.12.2021

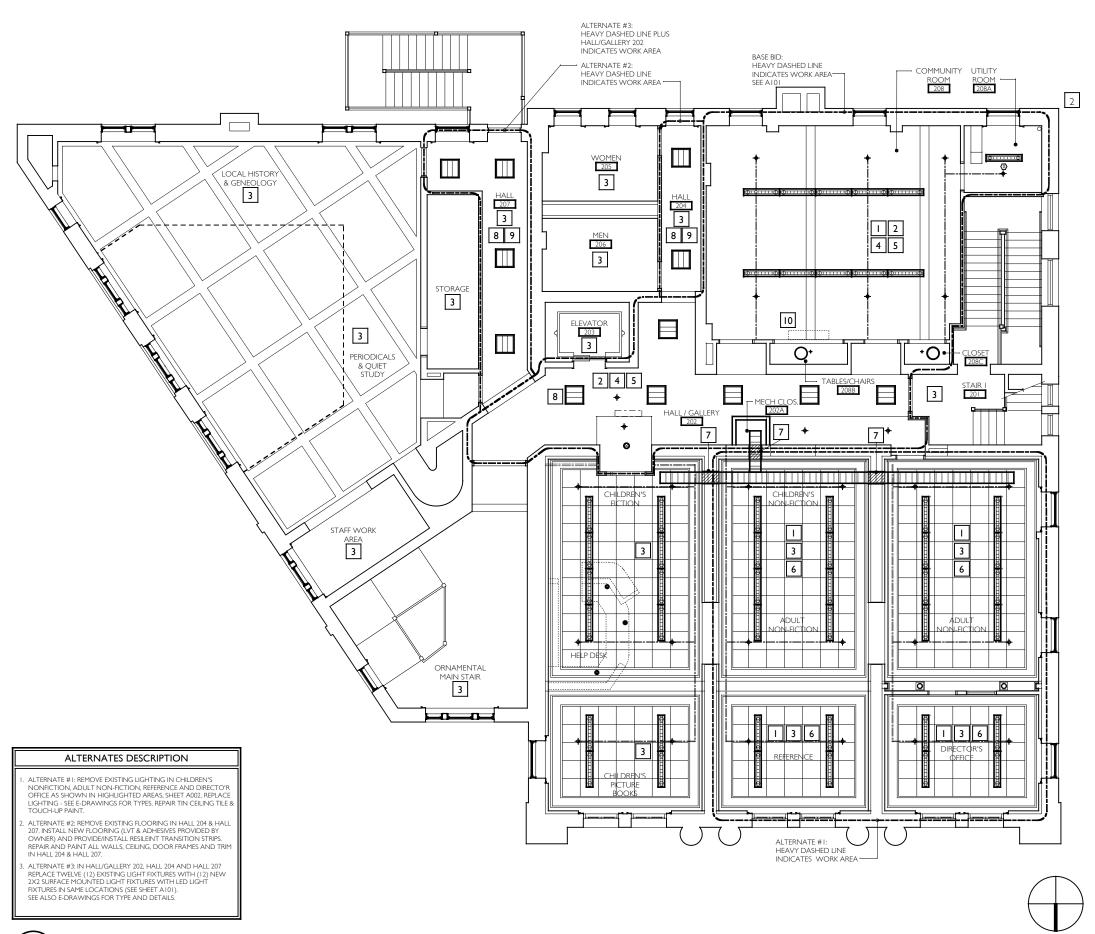
OVERALL SECOND FLOOR PLAN - NEW WORK

TITLE

A001

OVERALL SECOND FLOOR PLAN - NEW WORK

SCALE: 3/32" = 1'-0"





SPECIFIC WORK ITEM

EXISTING WALL OR PARTITION TO REMAIN

NEW PENDANT MOUNTED DIRECT / INDIRECT LIGHT FIXTURE. SEE E-DRAWINGS NEW SURFACE MOUNTED LIGHT FIXTURE SEE E-DRAWINGS

NEW 24" × 24" SURFACE MOUNTED INDIRECT LIGHT FIXTURE - FOR TYPE, SEE E-DRAWINGS

EXISTING EXPOSED SPRINKLER PIPING + HEAD TO REMAIN

NEW HVAC EQUIPIMENT / UNIT. SEE H-DRAWINGS FOR SIZES

SEE H-DRAWINGS FOR SIZES

AREA OF DUCT PENETRATION THROUGEXISTING WALLS

# GENERAL NOTES - NEW WORK

- PROTECT ALL EXISTING DOORS FRAMES WINDOWS LIBRARY & COMMON SPACES TO REMAIN.
- PROTECT ALL OTHER ARCHITECTURAL FEATURES THROUGHOUT LIBRARY & COMMON SPACES TO
- . NOTIFY ARCHITECT AND OWNER OF ANY AND ALL DISCREPANCIES FOUND ON THE PLANS, IN NOTES OF EXISTING CONDITIONS.
- . REFER TO A 100 FOR ENLARGED CHILREN'S ROOM PLAN - NEW WORK.
- REFER TO A 101 FOR REFLECTED CEILING PLAN -NEW
- . REFER TO A 102 FOR FINISH FLOOR PLAN.
- . REFER TO E-DRAWINGS FOR MISCELLANEOUS ELECTRICAL WORK, SEE H-DRAWINGS FOR MISCELLANEOUS HVAC & SPRINKLER WORK
- PATCH / REPAIR & REPAINT CEILING IN AREAS WHERE LIGHTING IS TO BE REMOVED. SEE E-DRAWINGS FOR ELECTRICAL COORDINATION FOR EXISTING LIGHTING REMOVALS + NEW LIGHTING FIXTURE TYPES.
- . REFER TO AR001 & AR002 FOR OVERALL SECOND FLOOR PLAN & REFLECTED CEILING PLAN -DEMOLITION & REMOVALS DRAWINGS.
- . REFER TO A001 & A002 FOR OVERALL SECOND FLOOR PLAN & REFLECTED CEILING PLAN - NEW WORK.
- REFER TO A300 & A301 FOR CABINETRY DETAILS
- RFFFR TO A400 FOR FINISH & DOOR SCHEDULES & DOOR TYPES / DETAILS
- REFER TO SCHEDULE OF ALTERNATES, THIS SHEET FOR DESCRIPTION OF WORK, ASSUME BASE BID PER NOTES WITHIN EACH SPACE

# SPECIFIC NOTES - NEW WORK

- SEE E-DWGS FOR LIGHTING TYPES AND NOTES
- - NO WORK IN THIS ROOM / AREA (BASE BID) UNC
- PATCH / REPAIR + PAINT EXISTING GYPSUM 4 PLASTER CEILING AND/OR SOFFITS AFTER LECTRICAL ROUGH-IN WORK HAS BEEN
- SEE A101 FOR ENLARGED REFLECTED CEILING PLAN IN THIS AREA - ADDITIONAL NOTES
- REMOVE (AS REQUIRED), PATCH / REPAIR & REINSTALL EXISTING TIN CEILING AFTER FLECTRICAL ROUGH-IN WORK HAS BEEN
- REMOVE (AS REQUIRED), PATCH / REPAIR PLASTEI / GYPSUM WALLS FOR DUCTWORK 7 PENETRATIONS PROVIDE SEALANT SEE H DRAWINGS FOR SIZE OF DUCTWORK / OPENING COORDINATION.
- ALTERNATE #3: INSTALL NEW 2X2 LIGHT FIXTURE 8 IN SAME LOCATION AS ORIGINAL REMOVAL. SEE
- ALTERNATE #2: REPAIR CRACKS IN EXISTING
- PLASTER / GYPSUM CEILING AND REPAINT. 10

CALLED

NEW HVAC UNIT, SEE H-DRAWINGS FOR DETAILS TYPE AND NOTES

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SECOND FLOOR **COMMUNITY ROOM** RENOVATIONS FOR THE

Josephine-Louise Public Library



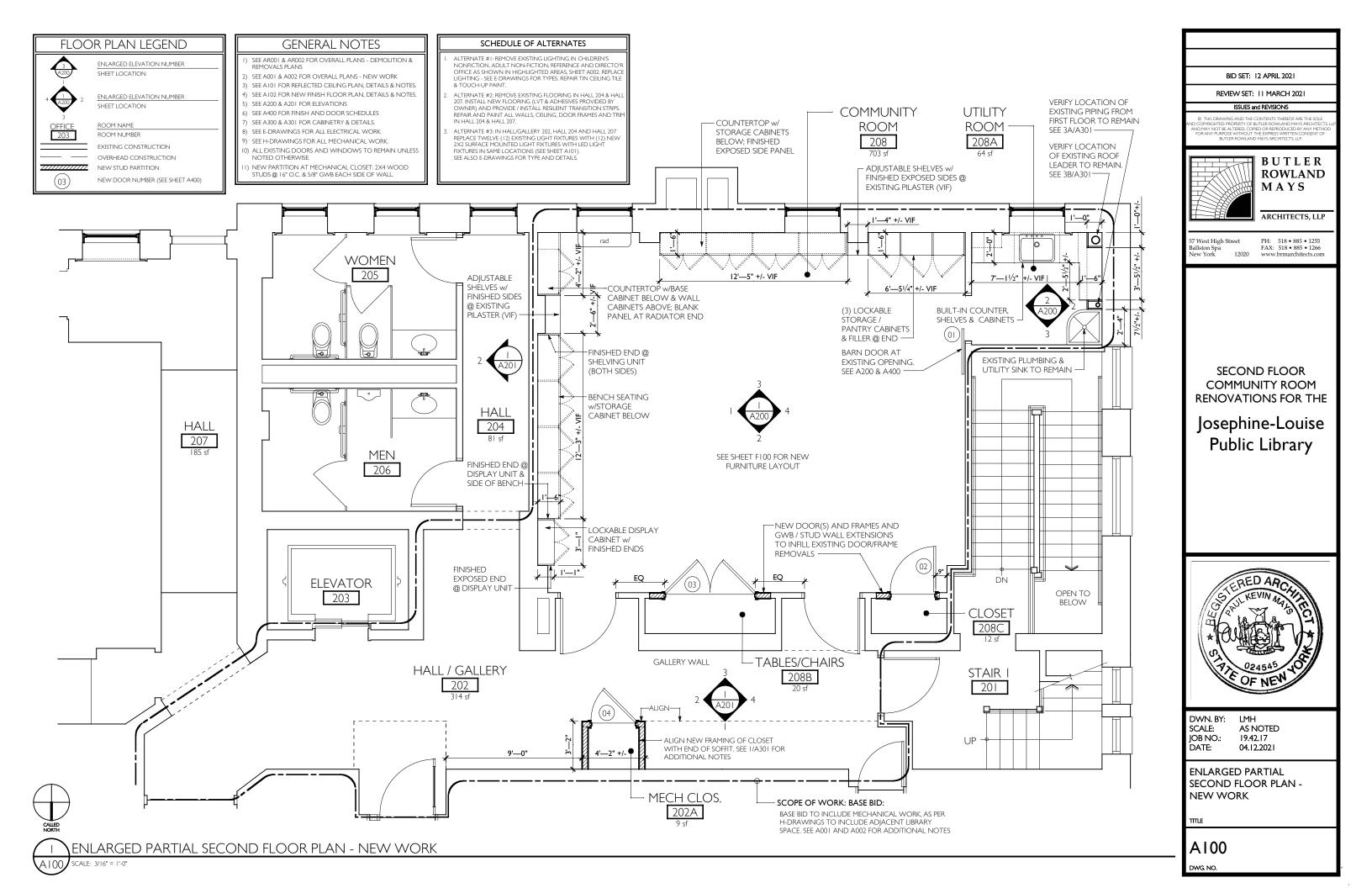
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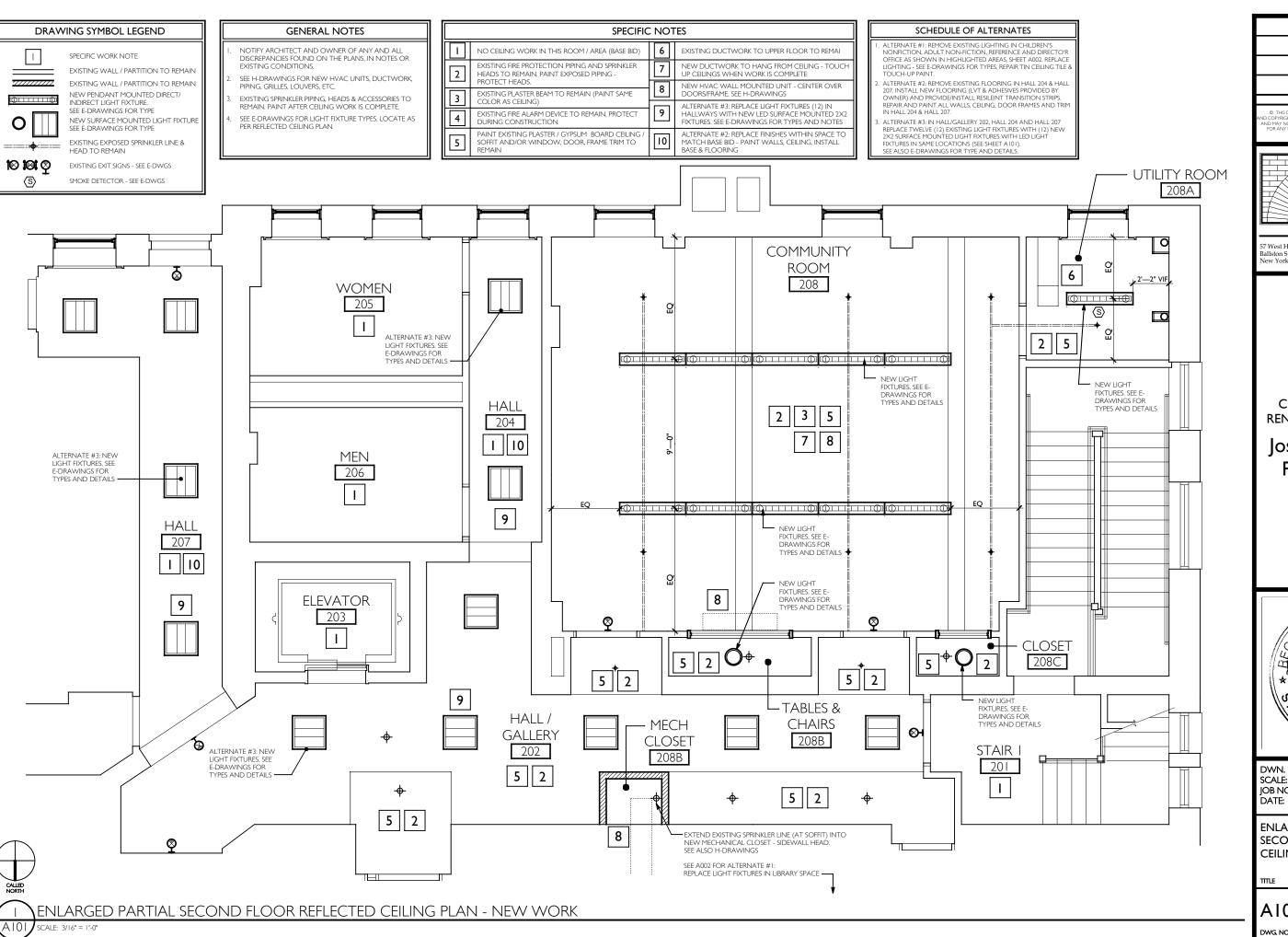
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**OVERALL SECOND FLOOR REFLECTED CEILING PLAN -NEW WORK** 

A002

OVERALL SECOND FLOOR REFLECTED CEILING PLAN - NEW WORK





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ISSUES and REVISIONS



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SECOND FLOOR **COMMUNITY ROOM RENOVATIONS FOR THE** 

Josephine-Louise **Public Library** 

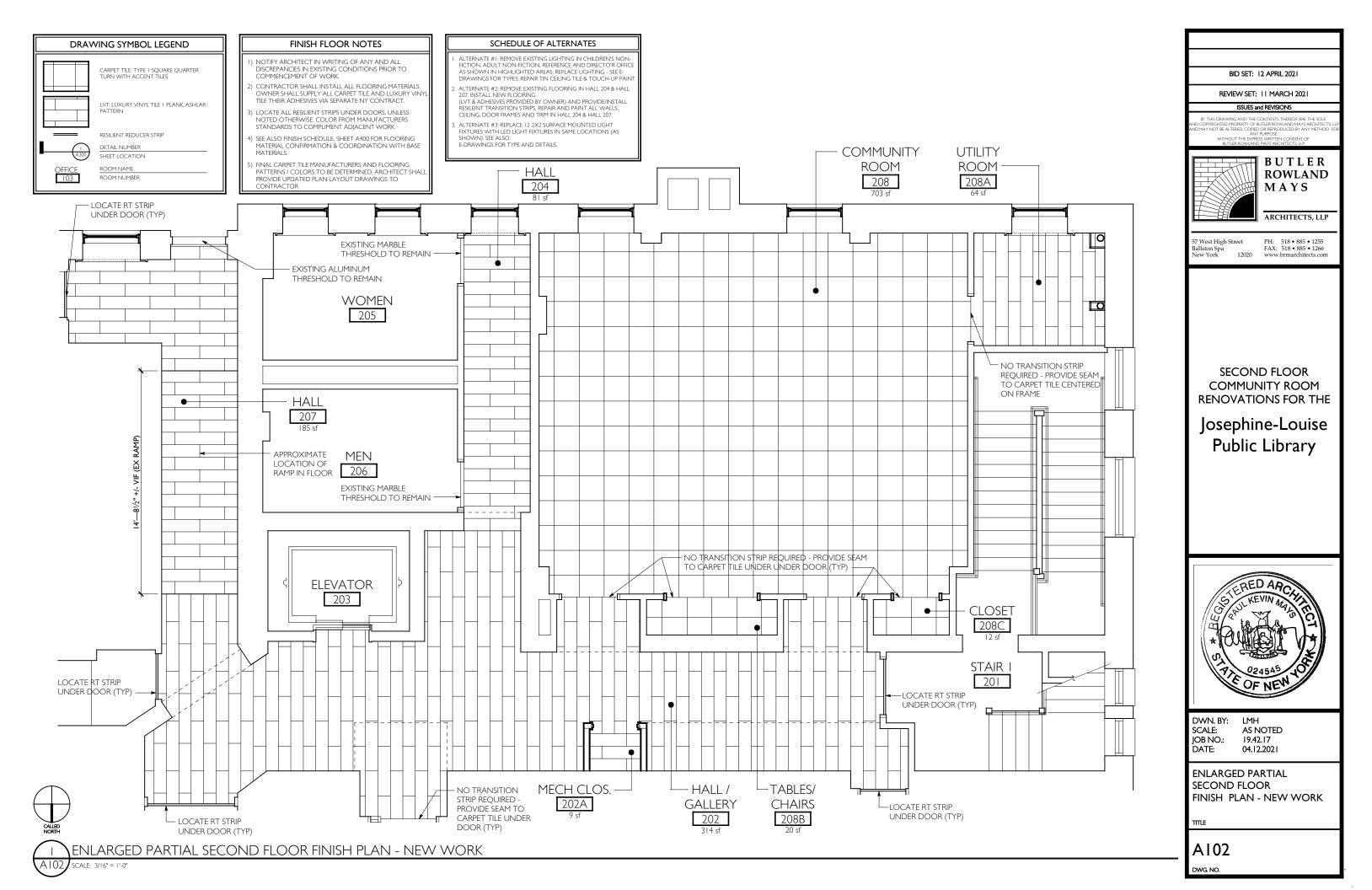


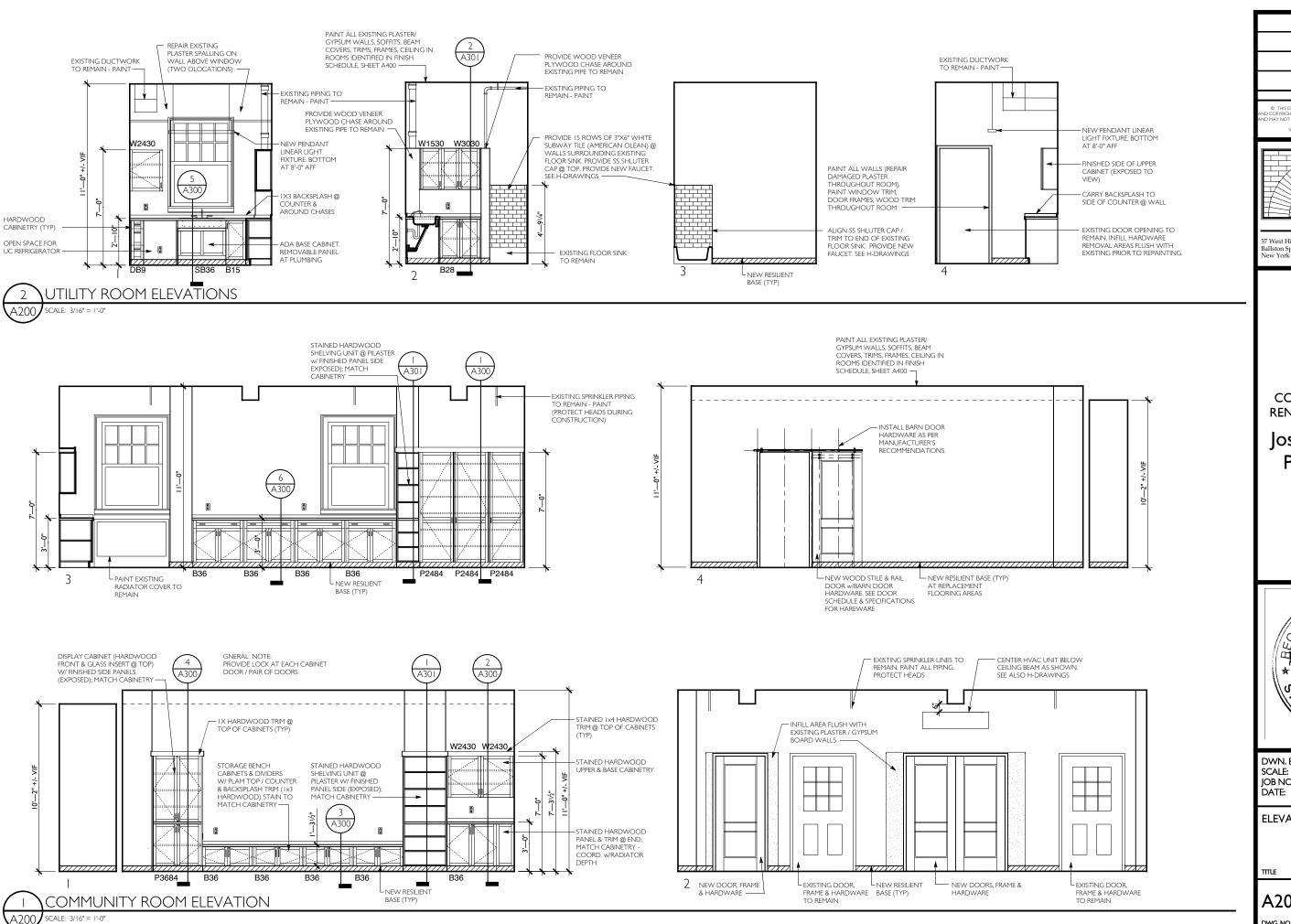
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04.12.2021 **ENLARGED PARTIAL** 

SECOND FLOOR REFLECTED **CEILING PLAN - NEW WORK** 

AI0I





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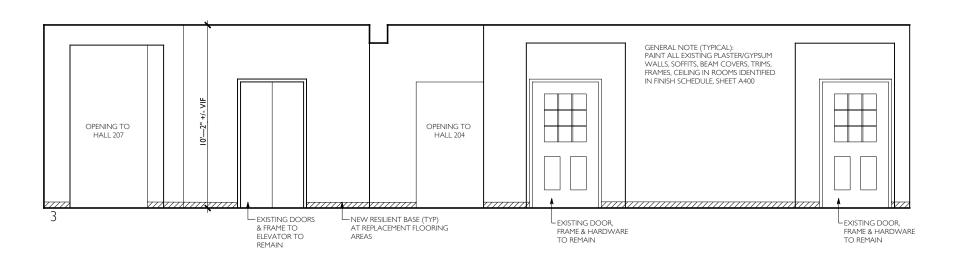
SECOND FLOOR **COMMUNITY ROOOM RENOVATONS FOR THE** Josephine-Louise Public Library



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**ELEVATIONS** 

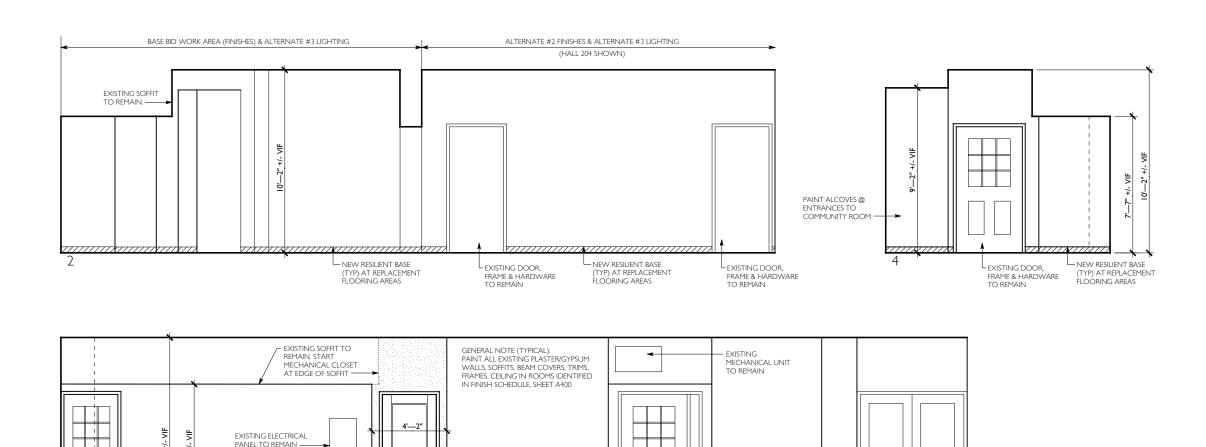
A200



NEW DOOR, FRAME &

HARDWARE

NEW RESILIENT BASE (TYP)
AT REPLACEMENT FLOORING
AREAS



EXISTING DOOR, FRAME & HARDWARE TO REMAIN EXISTING DOORS, FRAME & HARDWARE TO REMAIN BID SET: 12 APRIL 2021

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# ISSUES and REVISIONS

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SECOND FLOOR COMMUNITY ROOOM RENOVATONS FOR THE

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**ELEVATIONS** 

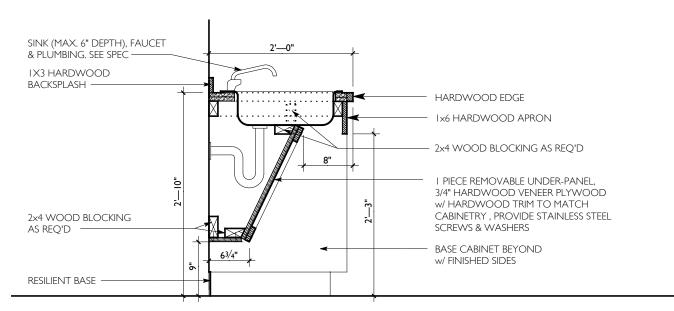
TITLE

A201

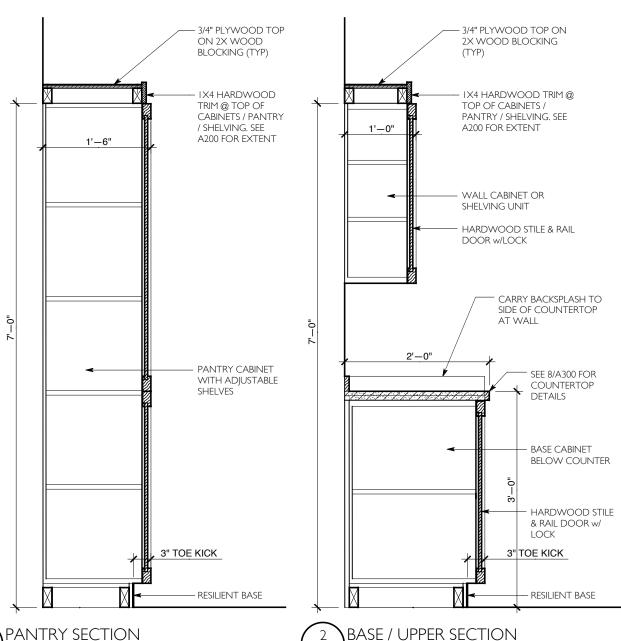
HALL / GALLERY 202 ELEVATIONS

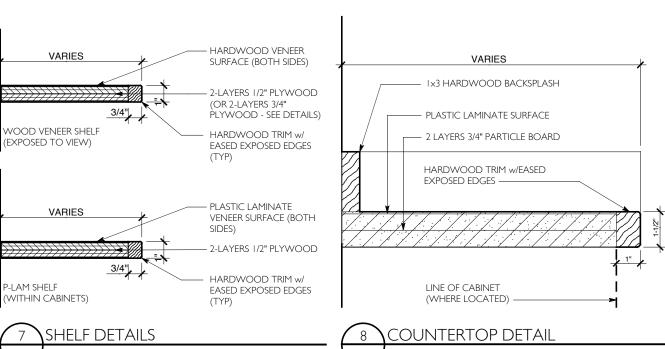
EXISTING DOOR, FRAME & HARDWARE

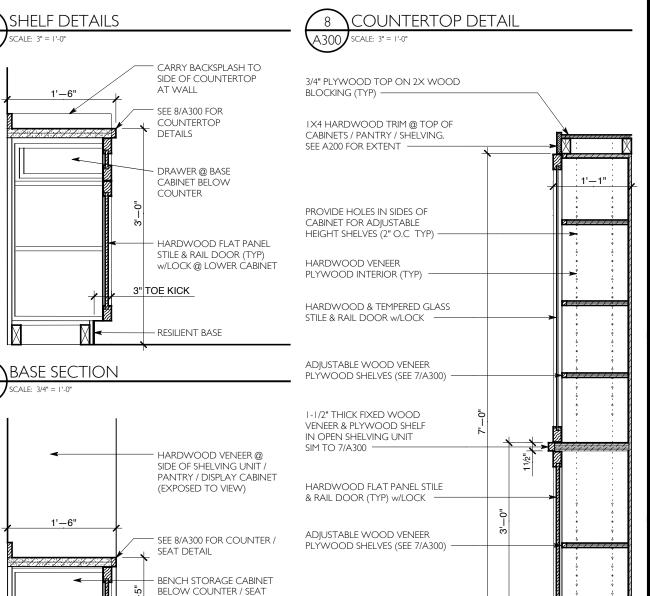
TO REMAIN -



# JTILITY ROOM SINK CABINET







SECOND FLOOR **COMMUNITY ROOM** RENOVATIONS FOR THE Josephine-Louise **Public Library** 

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ISSUES and REVISIONS

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CABINET DETAILS

TITLE

A300

DISPLAY SECTION

HARDWOOD BASE ON 2X4 WOOD

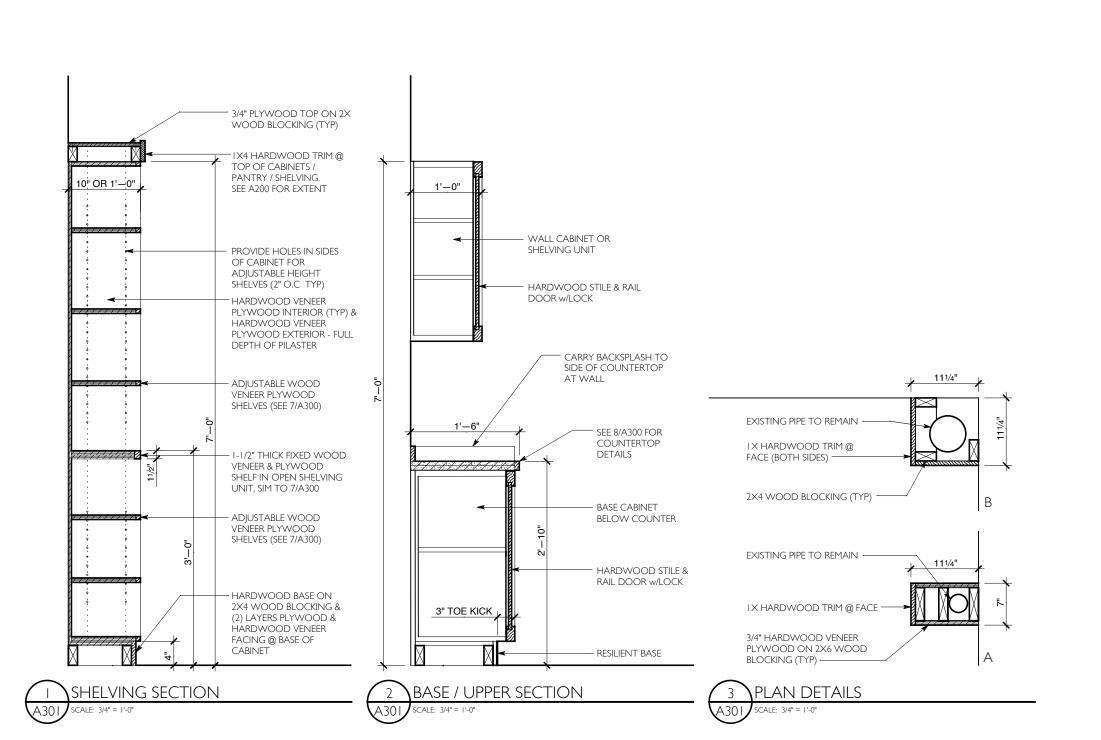
BLOCKING & (2) LAYERS PLYWOOD & HARDWOOD VENEER FACING @

BASE OF CABINET -

HARDWOOD FLAT PANEL STILE

& RAIL DOOR (TYP) w/LOCK

RESILIENT BASE



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REVIEW SET: 11 MARCH 2021

ISSUES and REVISIONS

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SECOND FLOOR COMMUNITY ROOM RENOVATIONS FOR THE

Josephine-Louise Public Library



DWN. BY: SCALE: JOB NO.: DATE:

LMH AS NOTED 19.42.17 04.12.2021

CABINET DETAILS

TITLE

A301

	FINISH SCHEDULE														
						WALLS							ING / SOFFI	Т	
ROOM	ROOM NAME	FLOOR	BASE	NORT	Ή	EAS	Ţ	SOUT	Ή	WES	T	LIEIGUE			REMARKS
No.				MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	MAT.	FIN.	HEIGHT	MAT.	FIN.	REMARKS
201	STAIR I														NO WORK IN THIS SPACE
202	HALL / GALLERY	LVT	RB	XGP/GWB	Р	XGP	Р	XGP	Р	XGP	Р	EX	XGP	Р	
202A	MECHANICAL CLOSET	LVT	RB	XGP	Р	GWB	Р	GWB	Р	GWB	Р	EX	XGP	Р	
203	ELEVATOR														NO WORK IN THIS SPACE
204	HALL	EX LVT	EX RB	XGP	P	XGP	P	XGP	P	XGP	P	EX	XG/P	P	FIRST NOTE BASE BID   SECOND NOTE ALTERNATE
205	WOMEN'S RESTROOM														NO WORK IN THIS SPACE
206	MEN'S RESTROOM														NO WORK IN THIS SPACE
207	HALL	EX LVT	EX RB	XGP	P	XGP	P	XGP	P	XGP	P	EX	XG/P	P	FIRST NOTE BASE BID   SECOND NOTE ALTERNATE
208	COMMUNITY MEETING ROOM	CPT	RB	XGP/GWB	Р	XGP	Р	XGP	P	XGP	Р	EX	XGP	Р	
208A	UTILITY ROOM	LVT	RB	XGP	Р	XGP	Р	XGP	Р	XGP	Р	EX	XGP	Р	
208B	TABLES & CHAIRS	CPT	RB	XGP	Р	XGP	Р	XGP/GWB	Р	XGP	Р	EX	XGP	Р	
208C	CLOSET	CPT	RB	XGP	Р	XGP	Р	XGP/GWB	Р	XGP	Р	EX	XGP	Р	

# Finish Schedule Key

# RB RESILIENT BASE

CPT CARPET TILE ex existing

WD WOOD

GWB GYPSUM WALL BOARD

LVT LUXURY VINYL TILE

HOLLOW METAL

PAINT

XGP EXISTING GYSPUM BOARD/ PLASTER

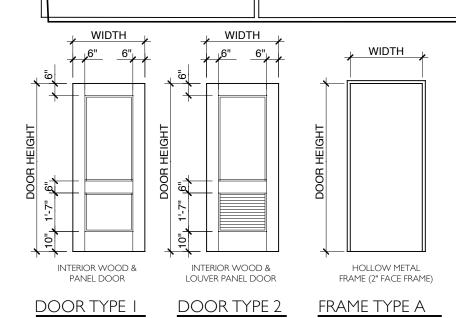
I) SEE A102 FOR FLOOR FINISH LAYOUT

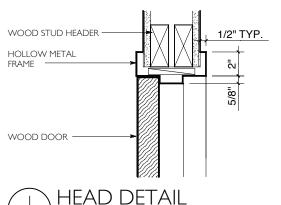
2) SEE A101 FOR REFLECTED CEILING PLAN LAYOUT 3) SEE A200 FOR ENLARGED ELEVATIONS

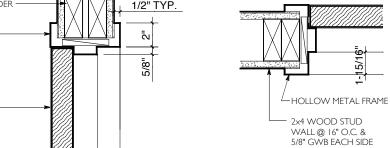
Finish Schedule Notes

	DOOR SCHEDULE																
DOOR			DOOR					FRAM	1E			DETA	AILS		DEMANUS	NOTES	HARD
No.	TYPE	WIDTH	HT	LAB.	MAT.	FIN.	TYPE	WIDTH	MAT.	FIN.	HEAD	JAMB	SILL	OTHER	REMARKS		WARE SET#
01	ı	3'-0"	7'-0"		WD	EX		3'-0"	EX /	PT	3	4			BARN DOOR HARDWARE, SEE ELEVATIONS	1	3
02	ı	3'-0"	7'-0"		WD	FF	А	3'-4"	НМ	PT	I	2			DETAILS SHOWN SHEET A400	2, 3	ı
03	I	2(3'-0")	7'-0"		WD	FF	А	6'-4"	НМ	PT	I	2			DETAILS SHOWN SHEET A400	2, 3	2
04	2	3'-0"	7'-0"		WD	FF	А	3'-4"	НМ	PT	I	2			DETAILS SHOWN SHEET A400	2, 3	I
Door Schedule Key Door Schedule N									hedul	e N	Vote:	S					
11	xisting actory			SIMILAR WOOD			1 ′	RN DOOR HAI DOR TRANSITI		TO BE F	PLACED U	NDER DO	OR				

S) SEE SHEET A400 FOR DOOR / FRAME TYPES & DETAILS











BID SET: 12 APRIL 2021

REVIEW SET: 11 MARCH 2021

#### ISSUES and REVISIONS



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SECOND FLOOR **COMMUNITY ROOM** RENOVATIONS FOR THE

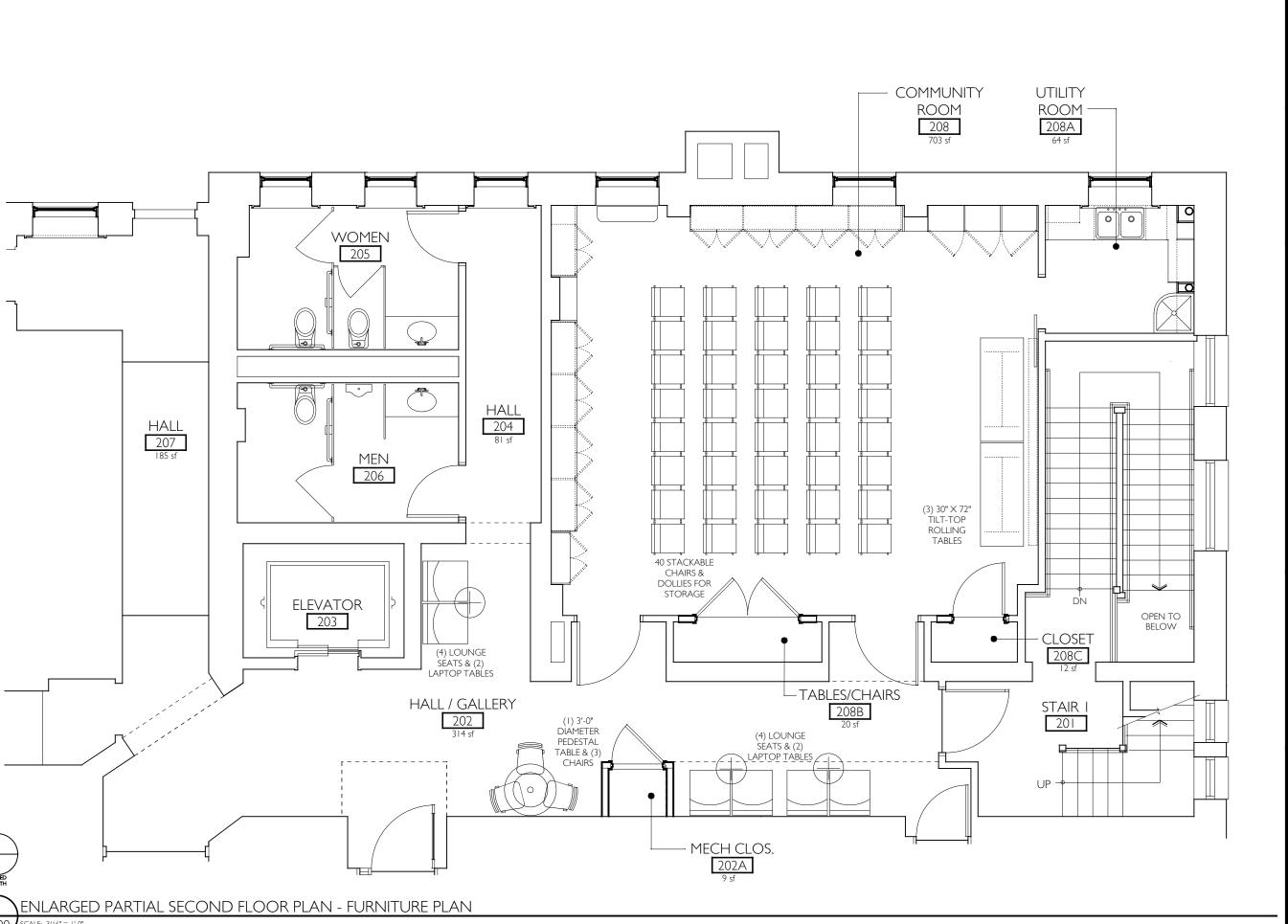
Josephine-Louise Public Library



DWN. BY: LMH AS NOTED 19.42.17 04.12.2021 SCALE: JOB NO.: DATE:

FINISH & DOOR SCHEDULES, TYPES & DETAILS

A400



BID SET: 12 APRIL 2021

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SECOND FLOOR
COMMUNITY ROOM
RENOVATIONS FOR THE
Josephine-Louise
Public Library

DWN. BY: SCALE: JOB NO.: DATE:

BY: LMH AS NOTED D.: 19.42.17 04.12.2021

ENLARGED PARTIAL SECOND FLOOR PLAN -FURNITURE PLAN FOR REFERENCE ONLY

πц

F100

# LEGEND:

# SUPPLY, OUTSIDE AIR DUCT OR CEILING DIFFUSER

RETURN, EXHAUST AIR DUCT OR RETURN AIR DIFFUSER



SPACE SENSOR - MH-48"AFF



POINT OF CONNECTION



POINT OF DISCONNECTION



VOLUME DAMPER



REMOVALS

# ABBREVIATIONS:

AFG	ABOVE FINISHED GRADE
CFM	CUBIC FEET PER MINUTE
SD	SUPPLY DIFFUSER
DN	DOWN
EX.	EXISTING
MIN	MINIMUM
MAX	MAXIMUM
OA	OUTSIDE AIR
RG	RETURN GRILLE
RR	RETURN REGISTER
SD	SUPPLY DIFFUSER

SUPPLY REGISTER

# **GENERAL MECHANICAL NOTES:**

- IN CERTAIN AREAS OF THE CONTRACT DRAWINGS, DIMENSIONS AND ARE SHOWN DUCTWORK. THE DUCTWORK LAYOUT SHALL BE
  FIELD VERIFIED PRIOR TO FABRICATION. THE CONTRACTOR MAY MODIFY ELEVATIONS AND LOCATIONS AS NECESSARY TO AVOID
  INTERFERENCE'S WITH EXISTING AND NEW SERVICES. THE CONTRACTOR SHALL NOT SCALE OFF THESE DRAWINGS FOR THE
  PURPOSE OF CONSTRUCTION.
- CONTRACTOR SHALL VISIT THE SITE, BECOME FAMILIAR WITH THE EXISTING FIELD CONDITIONS, AND MAKE HIS OWN ESTIMATE OF
  THE DIFFICULTIES ATTEMPTING THE EXECUTION OF THE WORK PRIOR TO SUBMITTING HIS BID. NO COMPENSATION WILL BE
  AWARDED TO THE CONTRACTOR BASED ON A CLAIM OF LACK OF KNOWLEDGE OF EXISTING FIELD CONDITIONS.
- COORDINATE WITH OWNER REPRESENTATIVE PRIOR TO DOING ANY WORK AFFECTING ANY OPERATIONAL AREA ADJACENT TO THE AREA OF WORK.
- 4. THE CONTRACTOR SHALL REPORT ALL CHANGES IN THE WORK TO THE OWNER REPRESENTATIVE.
- 5. IN THIS CONTRACT THE WORK "PROVIDE" SHALL MEAN "FURNISH AND INSTALL."
- 6. THE CONTRACTOR SHALL CAREFULLY PLAN AND PERFORM ALL WORK TO PREVENT DAMAGE TO EXISTING. PROVIDE PROTECTION DEVICES REQUIRED TO PROTECT EXISTING FACILITIES AND EQUIPMENT DURING THE CONSTRUCTION OF THIS PROJECT. ANY DAMAGE TO EXISTING FACILITIES OR EQUIPMENT RESULTING FROM THE WORK OF THIS CONTRACT SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER. THE CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY OF ANY DAMAGE TO THE NEW EQUIPMENT OR TO EXISTING FACILITIES OR EQUIPMENT.
- 7. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE BEST CONSTRUCTION PRACTICES AND AS A MINIMUM SHALL CONFORM TO THE CODES AND STANDARDS OF THE ORGANIZATIONS LISTED BELOW.
- A. OCCUPATION SAFETY AND HEALTH ADMINISTRATION (OSHA)
- B. AMERICAN SOCIETY OF MECHANICAL ENGINEERS (ASME)
- C. AMERICAN NATIONAL STANDARDS (ANSI)
- SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA)
- E. NEW YORK STATE CODE RULES AND REGULATIONS
- F. NEW YORK STATE ENERGY CONSERVATION CODE RULES AND REGULATIONS
- 8. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, LOCATIONS, ELEVATIONS AND DIMENSIONS PRIOR TO START OF WORK AND NOTIFY THE OWNER OF ANY DISCREPANCIES OF PROBLEMS WHICH WOULD INTERFERE WITH THE SATISFACTORY COMPLETION OF THE WORK.
- ANY DAMAGE TO ANY EXISTING UTILITIES CAUSED BY CONTRACTOR'S WORK SHALL BE IMMEDIATELY REPAIRED BY QUALIFIED PERSONNEL AT CONTRACTOR'S EXPENSE.

# **SCOPE OF WORK:**

- 1. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO COMPLETE ALL WORK SHOWN OR INFERRED ON THESE CONTRACT DRAWINGS AND DOCUMENTS. THE WORK SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO THE FOLLOWING PRINCIPLE ITEMS OF WORK:
  - PROVIDE REMOVAL OF HVAC EQUIPMENT INCLUDING RECOVERY OF REFRIGERANT FROM CONDENSERS.
  - PROVIDE ONE DUCTED FANCOIL / CONDENSER SYSTEM AS SCHEDULED AND DETAILED.
  - 3. PROVIDE ONE DUCTLESS FANCOIL / CONDENSER SYSTEM AS SCHEDULED AND DETAILED.
  - 4. PROVIDE AND INSTALL NEW DUCTWORK, DUCTWORK INSULATION, DUCTWORK ACCESSORIES, DUCT SUPPORTS, REGISTERS,
  - 5. PROVIDE 7 DAY PROGRAMMABLE SYSTEM CAPABLE THERMOSTAT PROVIDE THERMOSTAT TRAINING TO OWNER AT PROJECT COMPLETION
  - PROVIDE ALL EQUIPMENT AS SCHEDULE OR EQUAL. EQUAL SHALL BE APPROVED BY ENGINEER DURING SUBMITTAL PROCESS.
     PROVIDE SUBMITTALS FOR ALL SCHEDULED EQUIPMENT.
  - 7. PROVIDE AIR BALANCING OF SYSTEMS.
  - 8. PROVIDE KITCHEN SINK AS ELKAY LUSTERTONE Q252255. COORDINATE INSTALLATION WITH GC FOR MILLWORK. PROVIDE FAUCET AS AMERICAN STANDARD MONTERREY 2 HANDLE WRIST BLADE STYLE 7500.174. PROVIDE SINK AND FAUCET HW, CW, AND DRAINAGE PIPING CONNECTIONS.

# MATERIAL SPECIFICATIONS

- . REFRIGERANT PIPING: ACR TUBE: ASTM B 280, WROT COPPER TUBE FITTINGS, SOLDER JOINT: ASME B16.22.CAST COPPER ALLOY TUBE FITTINGS, SOLDER JOINT: ASME B16.18. BRAZING ALLOYS, TYPE 1: AWS A5.8, CLASS BCUP-5, FOR BRAZING COPPER TO BRASS, BRONZE, OR COPPER; ENGELHARD'S SILVALOY 15, J.W. HARRIS CO. INC.'S STAY-SILV 15, AND HANDY & HARMAN'S SIL-FOS. TYPE 2: AWS A5.8, CLASS BAG-7, FOR BRAZING COPPER TO STEEL OR STAINLESS STEEL; ENGELHARD'S SILVALOY-56T, J.W. HARRIS CO. INC.'S SAFETY-SILV 56, AND HANDY & HARMAN'S BRAZE 560.
- 2. CONDENSATE COPPER TUBE, PVC SCHEDULE 40 PIPE AND FITTINGS.
- 3. REFRIGERANT PIPING INSULATION: FLEXIBLE ELASTOMERIC FOAM INSULATION: FM TESTED AND APPROVED, MAXIMUM WATER VAPOR TRANSMISSION 0.10 PERM INCH BASED ON ASTM E 96, PROCEDURE, K OF 0.27 AT 75 DEGREES F BASED ON ASTM C 518 OR C 177. FIRE SPREAD/SMOKE DEVELOPED RATING: 25/50 OR LESS BASED ON ASTM E 84, ASTM C 534, TYPE I. POLYETHYLENE AND POLYOLEFIN INSULATION IS NOT ACCEPTABLE.
- DUCTWORK: GAGES OF MATERIALS, FABRICATION, REINFORCEMENT, SEALING REQUIREMENTS, INSTALLATION, AND METHOD OF SUPPORTING DUCTWORK SHALL BE IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. FABRICATE DUCTWORK FROM GALVANIZED SHEET METAL, EXCEPT A 10 FT LENGTH AT THE HUMIDIFIER DISPERSION ASSEMBLY AS INDICATED ON THE INSTALLATION PLAN. GALVANIZED STEEL SHEET: ASTM A 653, CLASS LFQ (LOCK FORMING QUALITY), COATING DESIGNATION G90. STAINLESS STEEL SHEET: AISI TYPE 302 OR 304 STAINLESS STEEL.
- DUCT LINER: GLASS FIBER INSULATION, NON-CORROSIVE, INCOMBUSTIBLE GLASS FIBER COMPLYING WITH ASTM C1071; FLEXIBLE BLANKET, RIGID BOARD, IMPREGNATED SURFACE AND EDGES COATED WITH POLY VINYL ACETATE POLYMER, ACRYLIC POLYMER, OR BLACK COMPOSITE. ADHESIVE: WATERPROOF, FIRE-RETARDANT TYPE, ASTM C916.

BID SET: 12 APRIL 2021

REVIEW SET: 18 DECEMBER 2020

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9 COLUMBIA CIRCLE

Second Floor Community Room Renovation for the

Josephine-Louise Public Library



SCALE: JOB NO.: DATE:

Y: RWW AS NOTED 19.42.17 04.12.2021

LEGEND, SYMBOLS, ABBREVIATIONS AND SPECIFICATIONS

TITLE

H001

1 OF 5

#### DIFFUSER, REGISTER AND GRILLE SCHEDULE TAG TYPE SIZE **NECK SIZE** PATTERN MOUNTING MATERIAL MANUFACTURER REMARKS & MODEL NO. RR-1 RETURN WITH FILTER 36X12 36X12 45 DEGREE SURFACE STEEL NAILOR 61FB45 24X8 STEEL SR-1 24X8 DUCT NAILOR 61DV-O SUPPLY DOUBLE DEFLECTION 14X8 14X8 DOUBLE DEFLECTION DUCT STEEL SR-2 SUPPLY NAILOR 61DV-0

C	CONDENSING UNIT SCHEDULE														
COOLING							HEATING								
TAG	SERVICE	COND. EAT	EVAP. EAT WB (DEG. F)	SENS. CAP.	TOTAL CAP.	COND. EAT	TOTAL CAP.	ELECTRICAL					MEC AND MODEL	REMARKS	
IAG		DB (DEG. F)		(BTUH)	(BTUH)	DB (DEG. F)	(BTUH)	VOLTS	PHASE	HZ	MCA	MOCP	MFG. AND MODEL	TILLIII II II II	
ACCU-1	FC-1	95	67	42.2	57.5	N/A	N/A	208	1	60	37.3	60	BRYANT 127ANA060	1,3	
ACCU-2	FC-2	91	62.5	24.0	30.7	-4	32.5	230	1	60	23.5	40	LG ARUM036GSS5	2,3	
1. S	SEE DETAIL 1/H0	03 FOR INSTALLAT	TION.												
2. S	SEE DETAIL 2/HC	O3 FOR INSTALLA	TION.												

**FAN COIL UNITS** 

PROVIDE AS INVERTER SYSTEM.

	FANCOIL														
TAC	SERVICE	STYLE	CFM	SPEED	MBH COOLING	MBH	MOUNTING		ELECTRICAL				MANUFACTURER	REMARKS	
TAG		SITLE	CFINI	CONTROL		HEATING	MOUNTING	VOLTS	PHASE	HZ	MCA	RLA	WANUFACTURER		
FC-1	LIBRARY SPACE	AHU	945 - 1750	VARIABLE	44.5 - 56.5	N/A	VERTICAL	208	1	60	8.5	6.8	BRYANT FV4CNF006	1,3,4	
FC-2	COMMUNITY ROOM	HIGH WALL	671 - 918	VARIABLE	24.0 - 30.7	26.0-42.0	CEILING	208	1	60	1.02	0.81	LG ARNU363SVA4	2,3	

- 1. SEE DETAIL 1/H003 FOR INSTALLATION.
- 2. SEE DETAIL 2/HOO3 FOR INSTALLATION.
- 3. PROVIDE WITH CONDENSATE PUMP, LITTLE GIANT VCMULS-20 OR EQUAL.
- 4. PROVIDE WITH EC MOTOR.

CONDENSATE PUMP SCHEDULE														
		FLOWRATE	HEAD	FLUID TEMP.	FLUID	ELECT	TRICAL	BASIS OF DESIGN						
TAG	SERVICE	(GPM)	(FT)	(DEG F)	TYPE	MOTOR HP	VOLT/PH	MANUFACTURER & MODEL NO	REMARKS					
CP-1	FC-1, FC-2	0.75	10	50	WATER	1/30	230/1	LITTLE GIANT VMCA-20ULS	1.2					

- 1. PROVIDE WITH SAFETY OVERFLOW SWITCH.
- 2. WIRE SAFETY OVERFLOW SWITCH TO INTERUPT A/C OPERATION UPON HIGH WATER LEVEL SENSING.

ELECTRIC CABINET UNIT HEATER SCHEDULE														
TAG	LOCATION / SERVICE	CAPACITY (KW)	LENGTH X WIDTH X HEIGHT (IN. X IN. X IN.)	ELECTF	RICAL	BASIS OF DESIGN MANUFACTURER & MODEL NO.	REMARKS							
				VOLTS	PHASE									
EWH-1	KITCHEN	1.5	10.5 X 5 X 12.5	120	1	BERKO SRA1512DSAF	1,2,3							

- PROVIDE WITH SURFACE MOUNTING FRAME.
- 2. PROVIDE WITH FACTORY INTEGRAL MOUNTED THERMOSTAT. INITIAL SETTING OF 65 DEGREES.
- 3. MOUNT WALL HEATER HIGH ON WALL MINIMUM OF 84".

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9 COLUMBIA CIRCLE

Second Floor

Renovation for the

Josephine-Louise
Public Library

**Community Room** 



DWN. BY: SCALE: JOB NO.: DATE: RWW AS NOTED 19.42.17

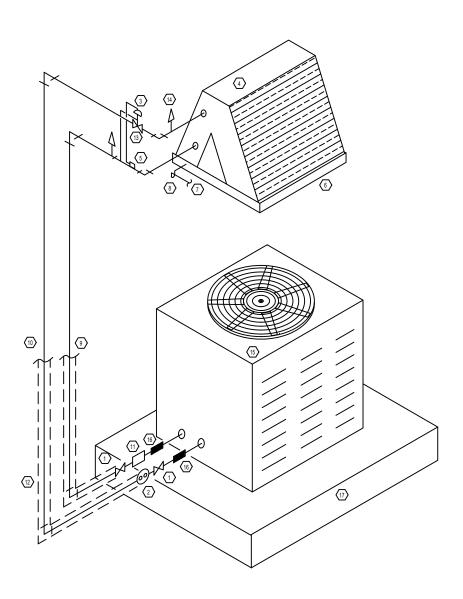
SCHEDULES

TITLE

H002

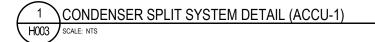
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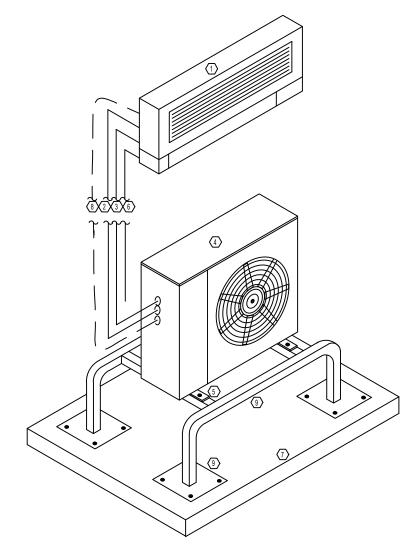
2 OF 5



- 1 SHUT OFF SERVICE VALVE (TYP)
- 2 SIGHT GLASS
- (3) THERMAL EXPANSION VALVE
- 4 DX EVAPORATOR COIL
- 5 SENSING BULB
- 6 CONDENSATE DRAIN PAN
- (7) CONDENSATE DRAIN LINE
- 8 CONDENSATE TRAP

- 9 REFRIGERANT SUCTION
- (10) REFRIGERANT LIQUID
- 11 FILTER-DRIER
- (12) ALUMINUM JACKETING (EXTERIOR EXPOSED PIPING)
- (13) EQUALIZATION LINE
- 14 PRESSURE TAP
- (15) CONDENSING UNIT
- 16 FLEXIBLE PIPING CONNECTORS
- (17) EQUIPMENT PAD (SECURE TO ROOF)





FAN COIL UNIT (TYP). WALL MOUNT SHOWN SUPPORT AND SPACE AS NECESSARY FOR REFRIGERANT AND CONDENSATE PIPING CONNECTIONS.

REFRIGERANT LIQUID LINE (TYPE L DRAWN TEMPER COPPER WITH ELASTOMERIC INSULATION)

**CONDENSING UNIT** 

CONDENSING UNIT ANCHOR POINT (ANCHOR TO EQUIPMENT STAND TYP 4)

INSULATED CONDENSATE DRAIN LINE. 12" AFG

CONCRETE EQUIPMENT PAD

CONTROL WIRING/POWER WIRING TO EVAPORATOR

HEAT PUMP STAND (MIN 16" AFG) ANCHOR TO CONCRETE PAD (TYP 16)

\HIGHWALL DUCTLESS SPLIT SYSTEM DETAIL (ACCU-2, FC-2)

BID SET: 12 APRIL 2021 BUTLER **ROWLAND** MAYS ARCHITECTS, LLP

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Second Floor Community Room Renovation for the

Josephine-Louise Public Library

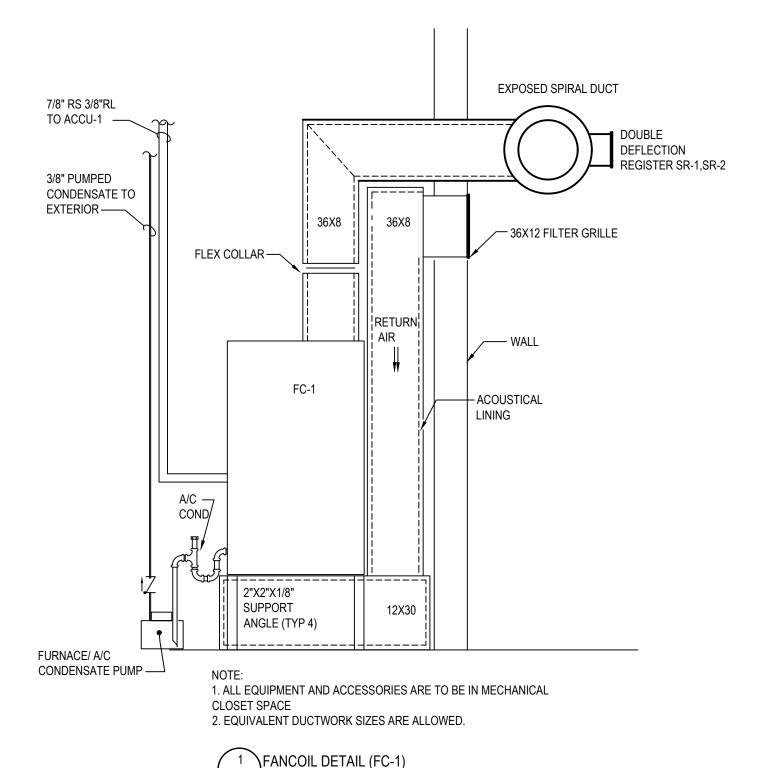


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RWW AS NOTED 19.42.17 04.12.2021

DETAILS

H003



H004 SCALE: NTS

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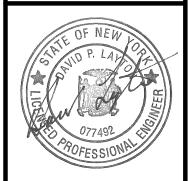
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SAGE ENGINEERING ASSOCIATES, LLP

Second Floor Community Room Renovation for the

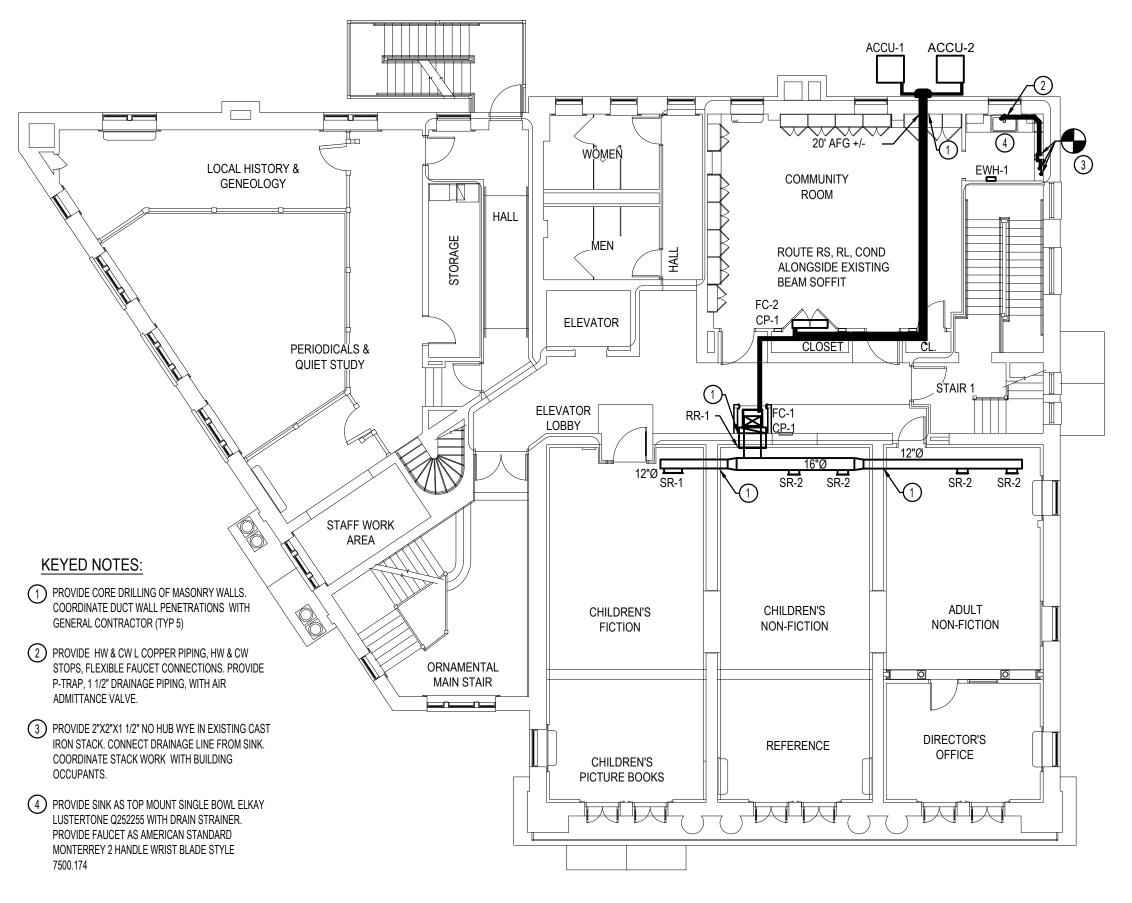
# Josephine-Louise Public Library



DWN. BY: RWW SCALE: AS NOTED JOB NO.: 19.42.17 DATE: 04.12.2021

DETAILS

H004



1 MECHANICAL SECOND FLOOR INSTALLATION PLAN H101 SCALE: 3/32" = 1'-0"

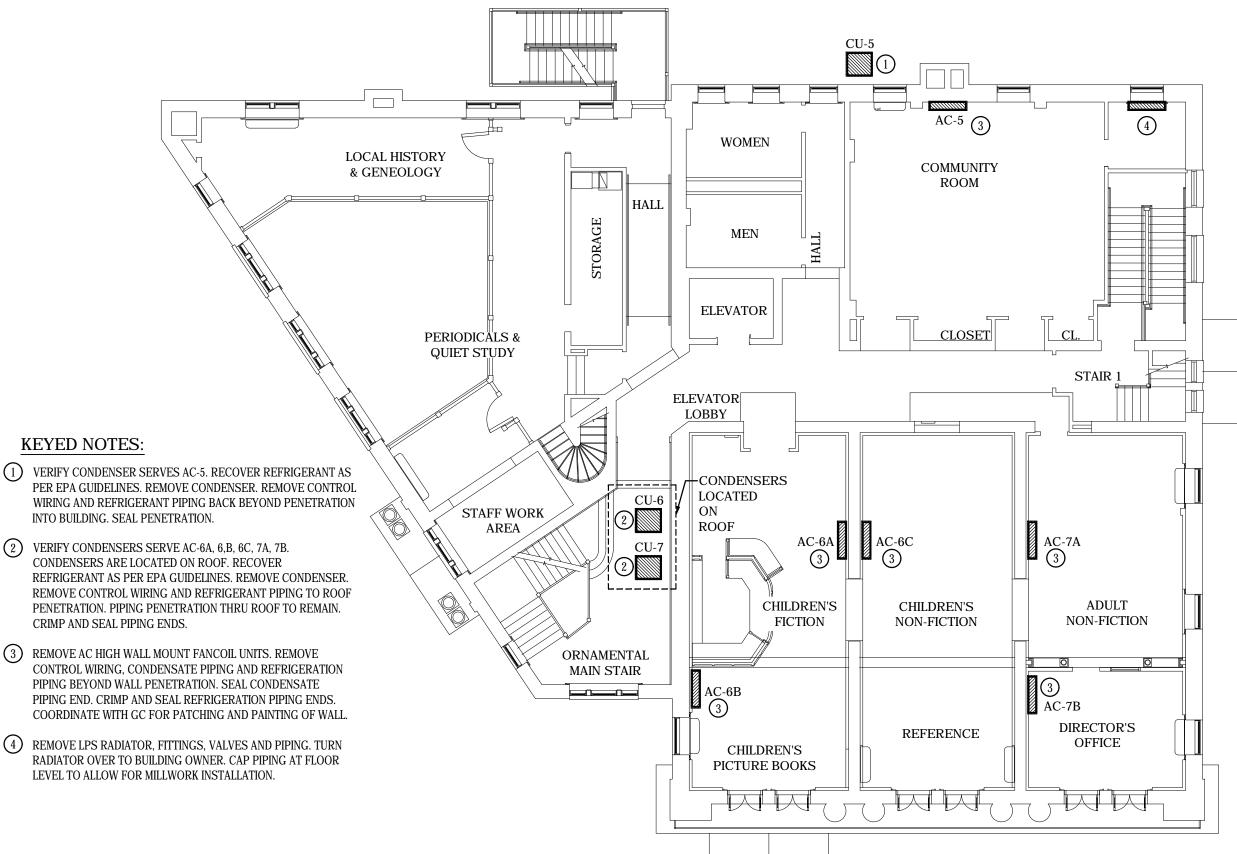
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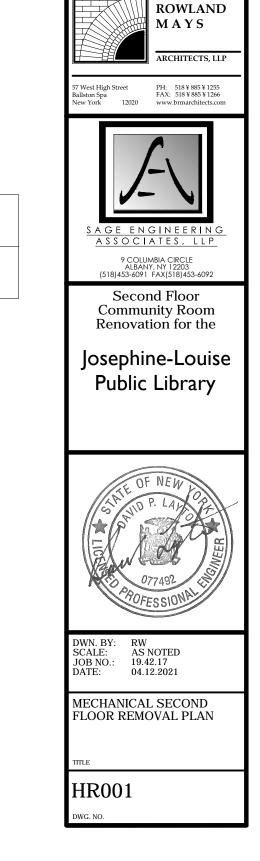
BID SET: 12 APRIL 2021 REVIEW SET: 18 DECEMBER 2020 ARCHITECTS, LLP AND MAY NOT BE ALTERED, COPIED OR REPRODUCED BY ANY METHOD FOR ANY PURPOSE BUTLER **ROWLAND** MAYS ARCHITECTS, LLP PH: 518 ¥ 885 ¥ 1255 FAX: 518 ¥ 885 ¥ 1266 12020 SAGE ENGINEERING Second Floor **Community Room** Renovation for the Josephine-Louise Public Library AS NOTED 19.42.17 SCALE: JOB NO.: DATE: MECHANICAL SECOND FLOOR INSTALLATION

TITLE

H101

3 OF 5





BID SET: 12 APRIL 2021

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BUTLER

#### ABBREVIATIONS: (SOME ABBREVIATIONS MAY NOT BE USED)

Α	AMP	ES	ELECTRIC STRIKE	MS	MOTOR STARTING	SFL	SUB-FEED LUGS
AC	ABOVE COUNTER	EXR	EXISTING TO REMAIN	MTG	MOUNTING	SH	SHIELDED
AFCI	ARC FAULT CIRCUIT INTERRUPTER	FLA	FULL LOAD AMPS	NEC	NATIONAL ELECTRIC CODE	SM	SINGLE MODE FIBER OPTIC CABLE
AFF	ABOVE FINISHED FLOOR	FTL	FEED-THRU LUGS	NL	NIGHT LIGHT	TBD	TO BE DETERMINED
AFG	ABOVE FINISHED GRADE	FVNR	FULL VOLTAGE NON-REVERSING	NO/NC	NORMALLY OPEN/NORMALLY CLOSED	TSP	TWISTED SHIELDED PAIR
AWG	AMERICAN WIRE GAGE	G	GROUND	OL'S	THERMAL OVERLOAD UNITS	TW	TWISTED
С	CONDUIT	GFI	GROUND FAULT CIRCUIT INTERRUPTER	Р	POLE	TYP	TYPICAL
CAT	CATEGORY	HOA	HAND-OFF-AUTO SWITCH	PH	PHASE	UG	UNDERGROUND
СВ	CIRCUIT BREAKER	HP	HORSEPOWER	PR	PAIR	UON	UNLESS OTHERWISE NOTED
CKT	CIRCUIT	IG	ISOLATED GROUND	PVC	POLYVINYL CHLORIDE	UPS	UNINTERRUPTIBLE POWER SUPPLY
CU	COPPER	JB	JUNCTION BOX	RECEPT	RECEPTACLE	UTP	UNSHIELDED TWISTED PAIR
DWGS	DRAWINGS	K	KILO	REL	RELOCATE	V	VOLT
ECB	ENCLOSED CIRCUIT BREAKER	KVA	KILO-VOLT AMPERE	REM	REMOVE	W	WATT
EM	EMERGENCY	LV	LOW VOLTAGE	REP	REPLACE	W/	WITH
EMT	ELECTRICAL METALLIC TUBING	MLO	MAIN LUGS ONLY	RGS	RIGID GALVANIZED STEEL	WP	WEATHERPROOF
ELU	EMERGENCY LIGHTING UNIT	MM	MULTIMODE FIBER OPTIC CABLE	SCH	SCHEDULE	XFMR	TRANSFORMER

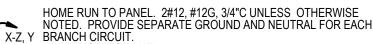
#### SYMBOLS:

RECESSED PANEL

SURFACE MOUNTED PANEL

OR JUNCTION BOX

'P' INDICATES FURNITURE POWER CONNECTION
'D' INDICATES FURNITURE DATA CONNECTION



'X'-INDICATES PANEL
'Z, Y'-INDICATES CIRCUIT NUMBERS

X-Z, Y CIRCUIT CONTINUATION WITH 'Y' INDICATING DEVICE OR AREA

'X'-INDICATES PANEL

'Z, Y'-INDICATES CIRCUIT NUMBERS

CIRCUIT CONSISTING OF GROUND, NEUTRAL AND PHASE CONDUCTORS. ADDITIONAL SLASH MARKS INDICATE SWITCHING OR TRAVELER CONDUCTORS, AND A LONG SOLID LINE INDICATES NEUTRAL. A SEPARATE GREEN

GROUND CONDUCTOR SHALL BE PLACED IN ALL NEW CIRCUITS

LINE TYPE SHOWING WIRING BETWEEN LIGHTING POWER PACKS AND OCCUPANCY SENSORS

CONNECTION POINT

C CONDUIT TURNED UP

C CONDUIT TURNED DOWN

CAPPED CONDUIT

SIMPLEX RECEPTACLE

DUPLEX RECEPTACLE,
'GFI'-INDICATES GROUND FAULT CIRCUIT INTERRUPTER
'AFI'-INDICATES ARC FAULT CIRCUIT INTERRUPTER
'WP'-WEATHER-PROOF

'AC'-INDICATES ABOVE COUNTER

DUPLEX RECEPTACLE WITH 2-USB CHARGING PORTS, 3.6 AMP SMART OUTPUT. LEVITON T5832 OR EQUAL

ABOVE COUNTER GFI DUPLEX RECEPTACLE

DATA OUTLET. PROVIDE BOX ABOVE CEILING AND 1" CONDUIT WITH BUSHING AND PULLSTRING FOR INSTALLATION OF CABLE BY OTHERS

CEILING MOUNTED WIFI ANTENNA. PROVIDE BOX ABOVE CEILING AND 1" CONDUIT WITH BUSHING AND PULLSTRING FOR INSTALLATION OF CABLE BY OTHERS

SPECIAL RECEPTACLE, TYPE AS INDICATED

NEMA 1 NON-FUSED DISCONNECT UON
'XX'- INDICATES DISCONNECT SIZE
'Y'- NUMBER OF POLES

VFD COMBINATION NON-FUSED DISCONNECT VARIABLE FREQUENCY DRIVE. HP AS INDICATED

SINGLE POLE SWITCH, 20 AMP 120/277 UNLESS NOTED OTHERWISE
'MS'-INDICATES 1HP RATED GENERAL USE 'SNAP SWITCH' WITH
OVERLOADS SIZED FOR EQUIPMENT AND LOCKABLE HASP
'3MS'-INDICATES 3 POLE 600 VOLT 30 AMP 3HP RATED GENERAL
USE 'SNAP SWITCH' WITH OVERLOADS SIZED FOR EQUIPMENT AND
LOCKABLE HASP
'WP'-INDICATES WEATHER PROOF
'OS' OCCUPANCY VACANCY SENSOR SWITCH
'VS' INDICATES VACANCY SENSOR SWITCH
'LV' INDICATES LOW VOLTAGE MOMENTARY SWITCH

CEILING MOUNTED OCCUPANCY SENSOR. DUAL TECHNOLOGY ULTRASONIC/PIR UNLESS NOTED OTHERWISE.

'MP'-INDICATES MICROPHONICS

'XR'-INDICATES EXTENDED RANGE

PP OCCUPANCY SENSOR POWER PACK

SHADING ADDED TO A LIGHT FIXTURE INDICATES EMERGENCY
OR BATTERY PACK (NON-GENERATOR)
'NL'-INDICATES NIGHT LIGHT CIRCUIT

OR ELLING OR WALL MOUNTED LED EXIT SIGN, NON BATTERY. PROVIDE DIRECTIONAL ARROWS AS SHOWN ON DRAWINGS.

OR CEILING OR WALL MOUNTED EMERGENCY LIGHTING UNIT

LINEAR PENDANT MOUNT FIXTURE TYPE 'L1'
24" BELOW FINISHED CEILING.

AXIS LIGHTING #SLLED-SL25/75-1000-80-35-PL-4-W-120-DP-1-CA, 1000 LUMENS/FT, 3500K, 75%UP/25%DOWN, FLAT BLADE LOUVER, 0-10 VOLT DIMMING, WHITE FINISH, CABLE MOUNT.

6" RECESSED LED DOWNLIGHT TYPE 'D1'
COOPER LIGHTING #PD6 10 ED010 PDM6A 835 61V C,
1.1W, 1000 LUMENS/FT, 3500K

4' LED INDUSTRIAL FIXTURE TYPE 'F1' COOPER LIGHTING #4SNLED-LD5-30SL-LN-UNV-L835-HCD1-U, 22.1W, 3199 LUMENS/FT, 3500K

FIRE ALARM PULL STATION

SMOKE DETECTOR. PHOTOELECTRIC UON 'A'-INDICATES AUDIBLE BASE

WALL MOUNTED FIRE ALARM COMBINATION SPEAKER/STROBE. 15 CANDELA UNLESS NOTED OTHERWISE 'X' INDICATES CANDELA RATING STROBE UON.

BID SET: 12 APRIL 2021

REVIEW SET: 18 DECEMBER 2020

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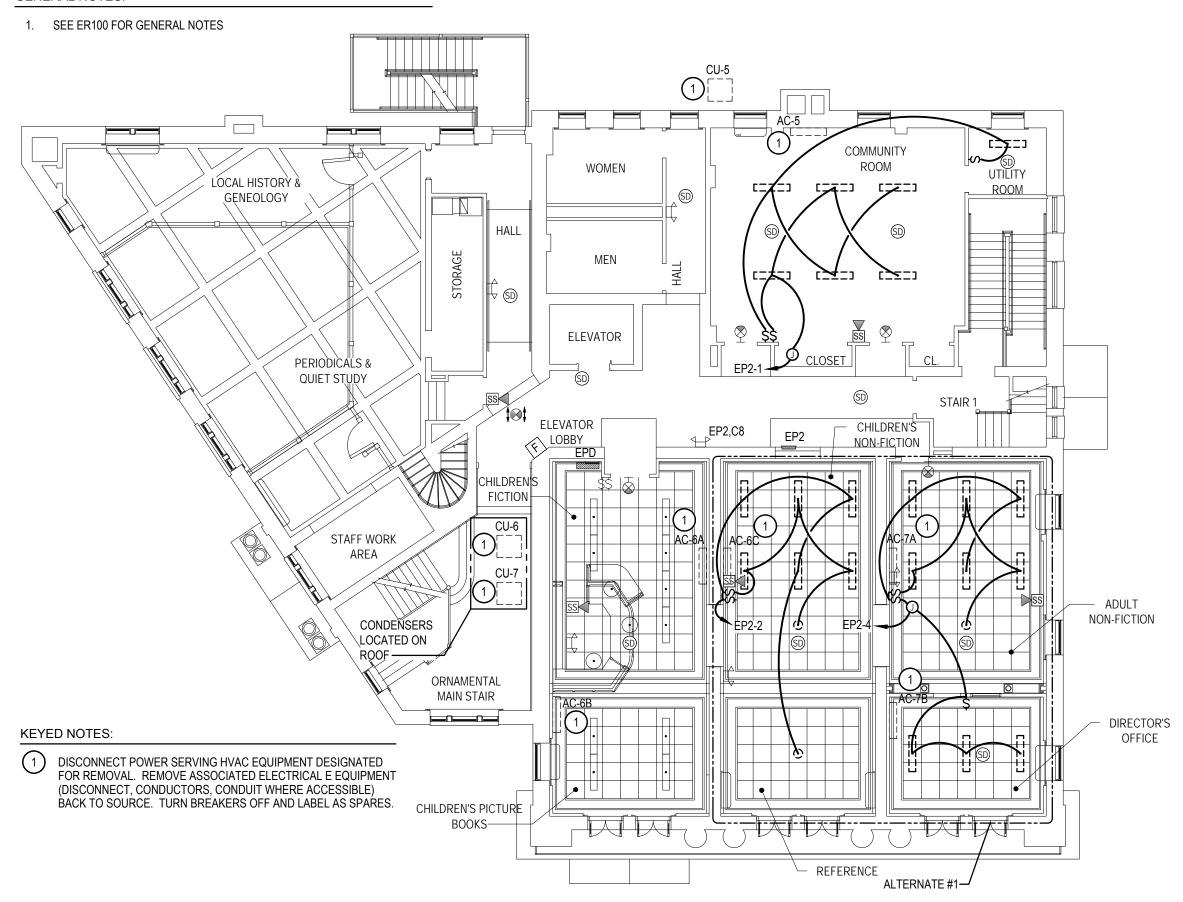


DWN. BY: AZ SCALE: AS NOTED JOB NO.: 19.42.17 DATE: 04.12.2021

LEGEND

ΓLE

E000



OVERALL SECOND FLOOR REMOVAL PLAN - POWER, LIGHTING, AND FIRE ALARM

ER001 SCALE: 3/32" = 1'-0"

BID SET: 12 APRIL 2021

REVIEW SET: 18 DECEMBER 2020

ISSUES and DEVISIONS

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OVERALL SECOND FLOOR REMOVAL PLAN - LIGHTING AND FIRE ALARM

TITLE

ER001

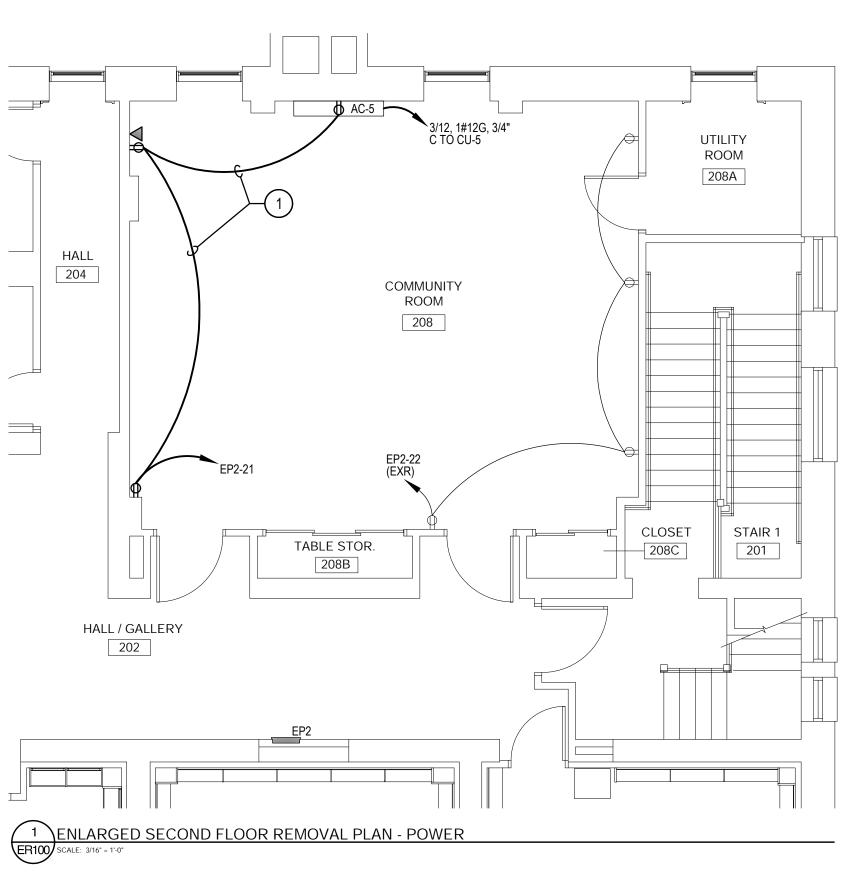
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## **GENERAL NOTES:**

- REMOVAL DRAWINGS INDICATE DEVICE LOCATIONS, EQUIPMENT CONNECTIONS, AND PANEL LOCATIONS AS OBSERVED IN THE FIELD. EXISTING PANEL INFORMATION IS BASED ON FIELD OBSERVATION AND AS BUILT DRAWINGS. REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES SHOWN ON THIS DRAWING, UNLESS OTHERWISE INDICATED. REMOVE ALL ASSOCIATED BOXES, CONDUIT, WIRING, ETC BACK TO SOURCE. VERIFY CIRCUITING IN FIELD PRIOR TO REMOVAL.
- PROVIDE LIFTS, LADDERS AND OTHER EQUIPMENT REQUIRED TO GAIN ACCESS FOR ALL ELEVATED WORK. OWNER'S LIFTS AND LADDERS SHALL NOT BE USED.
- 3. COORDINATE REMOVALS WITH THE ARCHITECTURAL PHASING PLANS.
- COORDINATE ALL SHUTDOWNS IN ADVANCE WITH OWNER AND SUBJECT TO OWNER APPROVAL.
- MAINTAIN CIRCUIT CONTINUITY TO SYSTEMS AND ROOMS ADJACENT TO RENOVATION AND CONSTRUCTION AREAS. PERMANENTLY REPAIR CIRCUITS OR WIRING DISTURBED, MODIFIED, OR DISPLACED BY THE WORK.
- 6. EXTEND CONDUITS AND CONDUCTORS TO MAINTAIN ELECTRICAL CONTINUITY OF ELECTRICAL EQUIPMENT SERVING AREAS NOT DEMOLISHED AS REQUIRED. THIS APPLIES TO BOTH POWER AND COMMUNICATIONS (DATA AND TELEPHONE) CIRCUITS.
- 7. UNLESS OTHERWISE NOTED, REMOVE ALL CONDUCTORS AND CONDUIT TO EQUIPMENT BRANCH CIRCUIT BEING REMOVED OR RELOCATED.
- 8. REPAIR ALL OPEN PENETRATIONS CREATED BY REMOVAL OF ELECTRICAL RACEWAYS.
- 9. PROVIDE COVERPLATES FOR ABANDONED FLUSH MOUNTED DEVICES.
- 10. DO NOT ALLOW FIRE ALARM CONTROL PANEL TO REMAIN IN 'TROUBLE' DURING REMOVALS. AFTER COMPLETION OF EACH DAY'S WORK REPROGRAM PANEL OR MAKE REPAIRS TO PLACE PANEL IN 'NORMAL' CONDITION.

# **KEYED NOTES:**

MAINTAIN EXISTING CIRCUIT HOMERUN WHILE REWORKING RECEPTACLE AND WIRING LOCATIONS PER NEW LAYOUT ON POWER PLAN INSTALLATION



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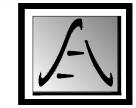
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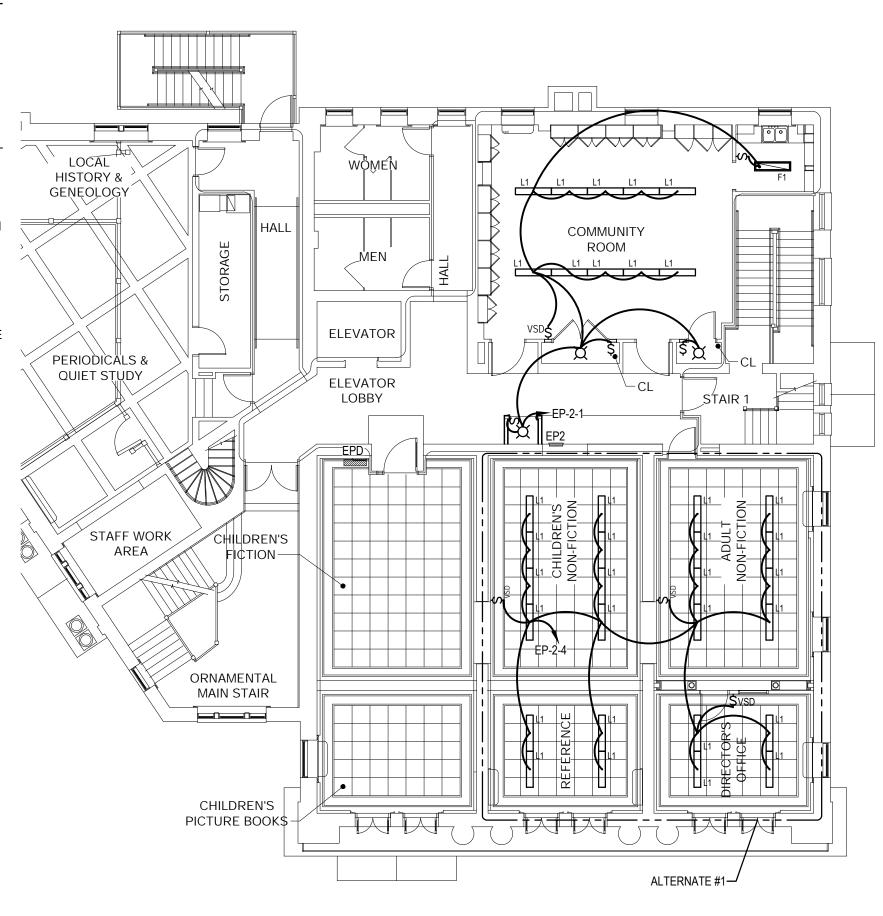
ENLARGED SECOND FLOOR REMOVAL PLAN - POWER

TLE

ER100

## **GENERAL NOTES:**

- LOCATIONS BASED UPON AVAILABLE DOCUMENTATION AND CASUAL FIELD OBSERVATION. CONFIRM ALL LOCATIONS WITH FIELD OBSERVATIONS, MEASUREMENTS AND INVESTIGATION.
- OBTAIN SCHEDULE OF ROUTINE DAILY ACTIVITIES AND OF INDIVIDUAL EVENTS FOR THE WORK AREA. SEQUENCE WORK AROUND THE OWNERS'S SCHEDULE.
- PROVIDE LIFTS, LADDERS AND OTHER EQUIPMENT REQUIRED TO GAIN ACCESS FOR ALL ELEVATED WORK. OWNER'S LIFTS AND LADDERS SHALL NOT BE USED.
- PROVIDE ACCURATE, TYPED, PANEL DIRECTORY FOR ALL PANELS INSTALLED OR MODIFIED AS PART OF THE WORK.
- FIRESTOP ALL PENETRATIONS THROUGH RATED WALLS AND FLOOR WITH A LISTED FIRESTOP METHOD MATCHING THE F AND T RATINGS OF THE PENETRATED MEDIUM.
- SEAL ALL PENETRATIONS THROUGH EXTERIOR WALLS OR THROUGH WALLS OR ROOFS SUBJECT TO MOISTURE.
- COORDINATE WITH OTHER CONTRACTS LOCATIONS OF DISCONNECTS, MOTOR CONTROLLERS AND OTHER ELECTRICAL EQUIPMENT TO PROVIDE REQUIRED CLEARANCES.
- PROVIDE MOUNTING HARDWARE AND MANUFACTURER'S ACCESSORIES FOR LIGHTING FIXTURES AS REQUIRED FOR A COMPLETE INSTALLATION.
- CLEAN FIXTURES AND LENSES, AND RELAMP ALL EXISTING FIXTURES TO REMAIN. PROVIDE LAMPS MATCHED TO FACILITY'S EXISTING STANDARD FOR COLOR INDEX. PROVIDE SAME COLOR FOR ALL LAMPS.
- OBTAIN SERVICES OF FIRE ALARM VENDOR FOR PROGRAMMING. COMMISSIONING, AND INSTALL OF FIRE ALARM SYSTEM.
- 11. CONNECT EXIT SIGNS AND EMERGENCY LIGHTING UNITS (ELU'S) AHEAD OF LOCAL SWITCHING TO THE SAME CIRCUIT AS THE AREA'S GENERAL LIGHTING.



OVERALL SECOND FLOOR PLAN - LIGHTING AND FIRE ALARM E001 SCALE: 3/32" = 1'-0'

BID SET: 12 APRIL 2021

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OVERALL SECOND FLOOR PLAN - LIGHTING AND FIRE ALARM

E001

1. SEE E001 FOR GENERAL NOTES

