

ADDENDUM NO. 01

to the
Bidding Documents

for

BCDM Architects
1015 North 98th Street, Suite 300
Omaha, Nebraska 68114

November 30, 2023

Arnold Elementary – Addition & Renovation
5000 Mike Scholl Street
Lincoln, NE 68524
&
Huntington Elementary Renovation
2900 North 46th Street
Lincoln, NE 68504
BCDM Project No. 5370-01

REMINDER: BID DATE AND TIME: THURSDAY, DECEMBER 7TH, 2023 AT 2:00 P.M.

Attached is the Sign-in Sheet from the Pre-Bid Meeting held on November 20, 2023

NOTICE TO BIDDERS: The Project Manual and Drawings for the above referenced project are hereby amended as follows:

PROJECT MANUAL

SECTION 01 10 00 SUMMARY

a. Page 01 10 00 – 3, add the following:

“1.11 SEQUENCE AND SCHEDULING OF THE WORK SHALL BE IN ACCORD WITH THE FOLLOWING:

A. Arnold Elementary – Construction to begin at dates noted below for each location:

- a. City Library, adjoining spaces, and addition: Beginning of January 2024
- b. School Media Center and remaining interior renovation spaces: End of May 2024

B. Huntington Elementary - Construction to begin at dates noted below for each location:

- a. Kindergarten 150: End of April 2024
- b. Remaining Spaces: End of May 2024”

SECTION 01 21 00 ALLOWANCES

a. Page 01 21 00 – 2, Section 3.03.B, delete “Arnold” and replace with “Huntington”.

SECTION 01 23 00 ALTERNATES

a. Add section in its entirety.

SECTION 01 45 29 TESTING LABORATORY SERVICES

a. Page 01 45 29 – 1, Section 1.03.A and 1.03.A.1, delete and replace with:

“A. Owner Responsibilities: The Owner shall pay for all inspections, tests, and other quality-control services specified elsewhere in the Contract Documents.

- 1. The Contractor shall coordinate with the Owner's testing agency for all required quality-control tests and services.”

b. Page 01 45 29 – 2, Section 1.04.B, delete “In addition, submit one (1) copy to the Owner at the LPS -FM Building, 800 South 24th Street, Lincoln, NE 69510, Attn: Chad Lyon.” and replace with “All reports and testing results to be uploaded to Submittal Exchange.”

SECTION 07 13 00 SHEET WATERPROOFING

a. Page 07 13 00 – 2, Section 2.02.A.9. add the following: “f. Soprema Colphene 3000.”

SECTION 07 21 00 THERMAL INSULATION

- a. Page 07 21 00 – 3, Section 2.03.D.6 add the following: “d. Cascadia Continuous Thermal Z-Girts.”

SECTION 07 27 00 AIR BARRIERS

- a. Page 07 27 00 – 2, Section 2.01.A.1.h, add the following:
5) Henry Air Bloc All Weather STPE.
- b. Page 07 27 00 – 2, Section 2.01.A.1.h, add the following:
6) Soprema Sopraseal LM 202 VP

SECTION 08 71 00 FINISH HARDWARE

- a. Page 08 71 00 – 9, Arnold HW SET: 04.1, delete and replace with:
HW SET: 04.1
DOOR NUMBER:

193D

EACH TO HAVE:

2	EA	FILLER PLATE	EPT-1	P	DON
2	EA	CONTINUOUS HINGE	112HD EPT	628	IVE
1	EA	RIM CYLINDER	20-757 'Active leaf'	626	SCH
1	EA	MORTISE CYLINDER	20-763	626	SCH
1	EA	PANIC HARDWARE	LD99DT 990DT 'Inactive leaf'	626	VON
1	EA	PANIC HARDWARE	QELRXLX99NL 990NL 'Active leaf'	626	VON
1	EA	MULLION	KR4954	689	VON
1	EA	MULLION STABILIZERS	154	689	VON
2	EA	SURFACE CLOSER	4111 SCUSH 'Inactive leaf'	689	LCN
2	EA	CUSH SHOE SUPPORT	4110-30 'Inactive leaf'	689	LCN
2	EA	BLADE STOP SPACER	4110-61 'Inactive leaf'	689	LCN
1	EA	POWER TRANSFER	EPT-10 'Active leaf'	689	VON
1	EA	POWER	By Others 'Active leaf'		
		SUPPLY/CONTROLLER			
1	EA	CARD READER	By Others 'Active leaf'		
1	EA	THRESHOLD	8655A	AL	ZER
2	EA	SWEEP	8197AA	AL	ZER
1	EA	THRESHOLD	8655A	AL	ZER
2	EA	DOOR POSITION SWITCH	679-05HM	BLK	SCE

Coordinate electric latch retraction, wire transfer, door position switch and power supply/controller with electrical contractor. Card reader and power supply/controller by others.

- b. Page 08 71 00 – 10, Arnold HW SET: 06.1, delete and replace with:
HW SET: 06.1
DOOR NUMBER:

193F

EACH TO HAVE:

2	EA	FILLER PLATE	EPT-1	P	DON
2	EA	CONTINUOUS HINGE	112HD EPT	628	IVE
1	EA	RIM CYLINDER	20-757 'Active leaf'	626	SCH
1	EA	MORTISE CYLINDER	20-763	626	SCH
1	EA	PANIC HARDWARE	LD99DT 990DT 'Inactive leaf'	626	VON
1	EA	PANIC HARDWARE	QELRXLX99NL 990NL 'Active leaf'	626	VON
1	EA	MULLION	KR4954	689	VON
1	EA	MULLION STABILIZERS	154	689	VON
1	EA	SURFACE CLOSER	4111 SCUSH 'Inactive leaf'	689	LCN
1	EA	CUSH SHOE SUPPORT	4110-30 'Inactive leaf'	689	LCN
1	EA	BLADE STOP SPACER	4110-61 'Inactive leaf'	689	LCN
1	EA	AUTO-EQUALIZER	4642 REG 'Active leaf'	689	LCN
2	EA	ACTUATOR, WALL MOUNT	8310-856 'Active leaf'		LCN
1	EA	POWER TRANSFER	EPT-10 'Active leaf'	689	VON
1	EA	POWER	By Others 'Active leaf'		LSP
		SUPPLY/CONTROLLER			
1	EA	CARD READER	By Others 'Active leaf'		
1	EA	THRESHOLD	8655A	AL	ZER
2	EA	SWEEP	8197AA	AL	ZER
1	EA	WALL STOP	WS406CCV 'Active leaf'	626	IVE
2	EA	DOOR POSITION SWITCH	679-05HM	BLK	SCE

Coordinate electric latch retraction, wire transfer, door position switch, card reader and power supply/controller with electrical contractor. Card reader and power supply/controller by others.

- c. Page 08 71 00 – 9, Arnold HW SET: 5.1, delete Door 193F.1.

- d. Page 08 71 00 – 12, add Arnold HW SET: 17.1:
HW SET: 17.1
DOOR NUMBER:

193F.1

EACH TO HAVE:

2	EA	CONTINUOUS HINGE	112HD	628	IVE
2	EA	DUMMY BAR	330	626	VON
1	EA	AUTO-EQUALIZER	4642 REG 'Active leaf'	689	LCN
2	EA	ACTUATOR, WALL MOUNT	8310-856 'Active leaf'		LCN
1	EA	SURFACE CLOSER	4111 CUSH 'Inactive leaf'	689	LCN
1	EA	CUSH SHOE SUPPORT	4110-30 'Inactive leaf'	689	LCN
1	EA	BLADE STOP SPACER	4110-61 'Inactive leaf'	689	LCN

- e. Page 08 71 00 – 15, Huntington HW SET: 08.2, delete and replace with:
HW SET: 08.2
DOOR NUMBER:

150.1

EACH TO HAVE:

1	EA	CONTINUOUS HINGE	112HD EPT	628	IVE
1	EA	RIM CYLINDER	20-757	626	SCH
1	EA	PANIC HARDWARE	QELRXLX99NL 990NL	626	VON
1	EA	SURFACE CLOSER	4111 SCUSH	689	LCN
1	EA	CUSH SHOE SUPPORT	4110-30	689	LCN
1	EA	BLADE STOP SPACER	4110-61	689	LCN
1	EA	POWER TRANSFER	EPT-10	689	VON
1	EA	POWER	By Others		
		SUPPLY/CONTROLLER			
1	EA	FUTURE CARD READER	By Others		
1	EA	THRESHOLD	8655A	AL	ZER
1	EA	SWEEP	8197AA	AL	ZER
2	EA	DOOR POSITION SWITCH	679-05HM	BLK	SCE

Coordinate electric latch retraction, wire transfer, door position switch, future card reader and power supply/controller with electrical contractor. Future card reader and power supply/controller by others.

SECTION 09 99 90 COLOR SCHEDULE

- a. Page 09 99 90 – 2, Section 301.H.1.j, add the following: "P-10, color (Huntington): Sherwin Williams - SW7065 Argos (HM frame matching aluminum frame color).".

MECHANICAL SPECIFICATIONS

- a. See Alvine Engineering Attachment Addendum 1.

DRAWINGS

HUNTINGTON SHEET A1-1, FLOOR PLAN

- a. FLOOR PLAN, adjust Door No. 144A to HM wrapping frame.
b. FLOOR PLAN, adjust wall type at south wall of KILN 144A to be a 5.2A wall.

HUNTINGTON SHEET A4-1, DOORS AND WINDOWS

- a. DOOR AND FRAME SCHEDULE, adjust Door No. 144A to HM Frame Type "K with 5 7/8" depth. HM frame finish to be P-10. Adjust Head detail to 16 and Jamb details to 17,18. See attached revised sheet.
b. DOOR AND FRAME DETAILS, add details 16, 17, 18. See attached revised sheet.
c. Add Hollow metal frame Type 'K' elevation. See attached revised sheet.

HUNTINGTON SHEET A6-1, INTERIOR FINISH PLAN – MAIN LEVEL

- a. INTERIOR FINISH PLAN, delete new flooring in PSYCH 132.

ARNOLD SHEET AD1-1, DEMOLITION PLAN

- a. Adjust flag note 20 to say, "IN AREAS SHOWN HATCHED REMOVE AND REPLACE SLAB AS REQUIRED AT LOCATIONS FOR FOOTINGS AND SANITARY LINES TO PLUMBING FIXTURES. SEE MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EXTENTS OF WORK."
b. FIRST FLOOR DEMOLITION PLAN, adjust hatch for slab removal to accommodate new interior CMU walls.

HUNTINGTON MECHANICAL DRAWINGS

- a. See Alvine Engineering Attachment Addendum 1.

HUNTINGTON ELECTRICAL DRAWINGS

- a. See Alvine Engineering Attachment Addendum 1.

HUNTINGTON TELECOMMUNICATION DRAWINGS

- a. See Alvine Engineering Attachment Addendum 1.

ARNOLD MECHANICAL DRAWINGS

- a. See Alvine Engineering Attachment Addendum 1.

ARNOLD ELECTRICAL DRAWINGS

- a. See Alvine Engineering Attachment Addendum 1.

END OF ADDENDUM

This addendum is hereby made a part of the contract documents to the same extent as though it were originally included therein. Specifications and drawings shall be considered modified or revised as hereinafter described. Revisions to the drawings are referenced by the drawing number.

Changes to the Mechanical Specifications

Specification Items:

1MS1. Section 233423 – HVAC Power Ventilators

1. Page 233423-2, Paragraph 1.06A: Add the following:
 - “A. Manufacturer shall provide a “parts only” warranty for a period of 5 years from the substantial completion date of equipment startup. Warranty shall cover material and workmanship that prove defective, within the specified warranty period, provided manufacturer’s written instructions for installation, operation and maintenance have been followed.
 - a. Failures include, but are not limited to, fans and ECM fan components.”

1MS2. Section 237200 – Air-to-Air Energy Recovery Units

1. Page 237200 – 2, Paragraph 2.01A: Add the following:
 - “3. Greenheck.
 4. Ruskin.”

Changes to the Mechanical Drawings

Huntington Elementary Drawing Items:

1MD1. Sheet MD1-1 – Below Grade and First Floor Plan – Plumbing Demolition

1. Floor Plan 2: Add Flag Note 4.
2. Flag Notes: Add Flag Note 4.
3. See attached reissued sheet.

1MD2. Sheet MD2-1 – First Floor Plan – HVAC Demolition

1. Modify Floor Plan 1.
2. Flag Notes: Modify Flag Note 3.
3. See attached reissued sheet.

1MD3. Sheet M2-1 – First Floor Plan – HVAC

1. Modify Floor Plan 1.
2. Flag Notes: Modify Flag Note 6.
3. See attached reissued sheet.

Arnold Elementary Drawing Items:

1MD4. Sheet M6-1 – Mechanical Schedules and Details

1. Plumbing Equipment Schedule: Modify MS-1.
2. See attached reissued sheet.

Changes to the Electrical Drawings

Huntington Elementary Drawing Items:

1ED1. Sheet ED1-1 – First Floor Plan – Electrical Demolition

1. Computer Lab 150: Add one additional floor box location to be removed. Tag with Flag Note 3.
2. Flag Notes: Modify Note 3.
3. See attached reissued sheet.

1ED2. Sheet E1-1 – First Floor Plan – Lighting, Luminaire Schedule

1. Kindergarten 150: Add subscripts to switches and luminaires to clarify switching intent.
2. Corridor 142: Modify southwest luminaire to be an unswitched night light.
3. Flag Notes: Delete Note 3 and make 'Not Used.'
4. See attached reissued sheet.

1ED3. Sheet E2-1 – First Floor Plan – Power – Mech/Elect Coordination Schedule

1. Add EF-8 on the roof above Office 145.
2. Work Room 144: Modify flag note on homerun from clothes washer to be 12.
3. Flag Notes: Delete Flag Note 9 and make 'Not Used.'
4. Flag Notes: Modify Note 11.
5. Delete electrical connection to door controller power supply near south exit door in Kindergarten 150.

6. See attached reissued sheet.

1ED4. Sheet E3-1 – First Floor Plan – Fire alarm

1. Delete fire alarm connection to door controller power supply near south exit door in Kindergarten 150.
2. Flag Notes: Delete Note 4 and make 'Not Used.'
3. See attached reissued sheet.

Arnold Elementary Drawing Items:

1ED5. Sheet E1-1 – First Floor Plan – Lighting

1. Exterior Pole Lights: Route 1" C for CCTV from west relocated pole. Tag with Flag Note 17.
2. Locate existing handhole on east side of addition.
3. Flag Notes: Add Flag Note 17.
4. See attached reissued sheet.

1ED6. Sheet E3-1 – First Floor Plan – Fire Alarm

1. Vestibule 193D: Add a ceiling-mounted smoke detector.
2. Storage 193B: Modify circuiting from fire alarm power supply for clarification.
3. Flag Notes: Delete Note 5.
4. See attached reissued sheet.

1ED7. Sheet E4-1 – Electrical Details and Power Riser Diagram

1. Partial Power Riser Diagram: Add four #6, #10 GND – 1" C between surge protection device and Panel LB.
2. See attached reissued sheet.

1ED8. Sheet E5-1 – Electrical Schedules

1. Luminaire Schedule/Fixture Mark C1: Add Remark 4 in Remarks column.
2. Luminaire Schedule: Add Remark 4.

3. Luminaire Schedule: The following luminaire manufacturers are considered equivalent for bidding purposes if equal to the specified luminaire and are subject to final shop drawing/submittal review. Luminaires may be rejected during the shop drawing/submittal review process if the Architect, Owner, or Engineer's review does not find the submitted luminaire(s) to be equivalent:
 - A. Luminaire Type C1: ALW
4. See attached reissued sheet.

Changes to the Telecommunications Drawings

Huntington Elementary Drawing Items:

1TD1. Sheet T1-1 – First Floor Plan – Telecommunications

1. Add data to Room 150.
2. Add intercom speaker and call switch to Room 139.
3. Add Flag Notes 10 and 11.
4. See attached reissued sheet.

1TD2. Sheet T4-3 – Telecommunications Details

1. Modify Detail 1.
2. Remove Details 2 and 3.
3. See attached reissued sheet.

1TD3. Sheet T5-1 – Telecommunications Schedules

1. Remove Access Control Schedule.
2. See attached reissued sheet.

END

BLL-GAN-JLB/mdg



Project Name: LPS Arnold Addition & Renovation & Huntington Renovation

BCDM #: 5370-02

Date: 11/20/2023

PRE-BID CONFERENCE

PLEASE PRINT

NAME	COMPANY	PHONE	CELL	E-MAIL
Kelly Schroer	Kidwell	402-817-3475		Kschroer@kidwellinc.com
Andy Monson	HEP	402-423-4800		andy@hepire.net
Jesse Volpp	HAUSMANN	402-429-7912		jesse@hausmannconstruction.com
Nick Colten	IES Electric	402-890-874		nicks@ieselectricinc.com
Michael Duffy	Kidwell	402-637-3589		mduffy@kidwellinc.com
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Brian Wehrs	Kingery	402-840-2508		brian@kcobuilders.com
Ryan Baumgart	Control Services	402-886-2691		rbaumgart@controlservices.com
Christian Martin	Regge General Contractors	402-441-3100		cmartin@reggeinc.com
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Veronica Quevedo	Brothers Demolition	402-739-1456		serviceinfo@brodemoandframing.com

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**SECTION 01 23 00
ALTERNATES**

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General Conditions and other Division 1 Specification Sections, apply to this Section

1.02 ALTERNATES

- A. ALTERNATE NO. 1 - Under this alternate, delete seeding and provide additional paving within playground as labeled on the Civil Sheets.
- B. ALTERNATE NO. 2 - Under this alternate, delete plantings as labeled on the Landscape Plan .

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

PROJECT TEAM

ARCHITECTURE + INTERIORS

BCDM ARCHITECTS
1015 North 98th Street, Suite 300
Omaha, NE 68114
CA Number: CA-0271

CIVIL ENGINEER

LAMP RYNEARSON
14710 W. Dodge Rd, Suite 100
Omaha, NE 68154
CA Number: CA-0130

STRUCTURAL ENGINEER

PERFORMANCE ENGINEERING
11811 Fort St #104
Omaha, NE 68164
CA Number: CA-2455

MECHANICAL + ELECTRICAL ENGINEER

ALVINE ENGINEERING
1220 Lincoln Mall, Suite 200
Lincoln, NE 68508
CA Number: CA-2169



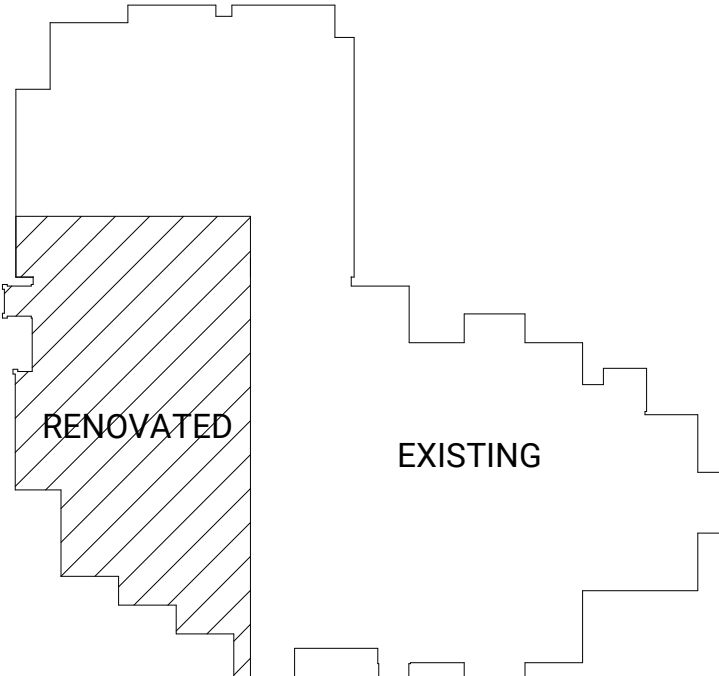
FLOOR PLAN GENERAL NOTES

- ALL GWB WALLS ARE TYPE 5.2A UNLESS NOTED OTHERWISE.
- SEE A6 SERIES FOR MARKERBOARD AND TACKBOARD LOCATIONS.
- SEE DETAIL 2/A0-0 FOR TYPICAL GWB CONTROL JOINT LOCATIONS AT INTERIOR WALLS. SEE THE REFLECTED CEILING PLAN FOR ADDITIONAL CONTROL JOINT LOCATIONS.

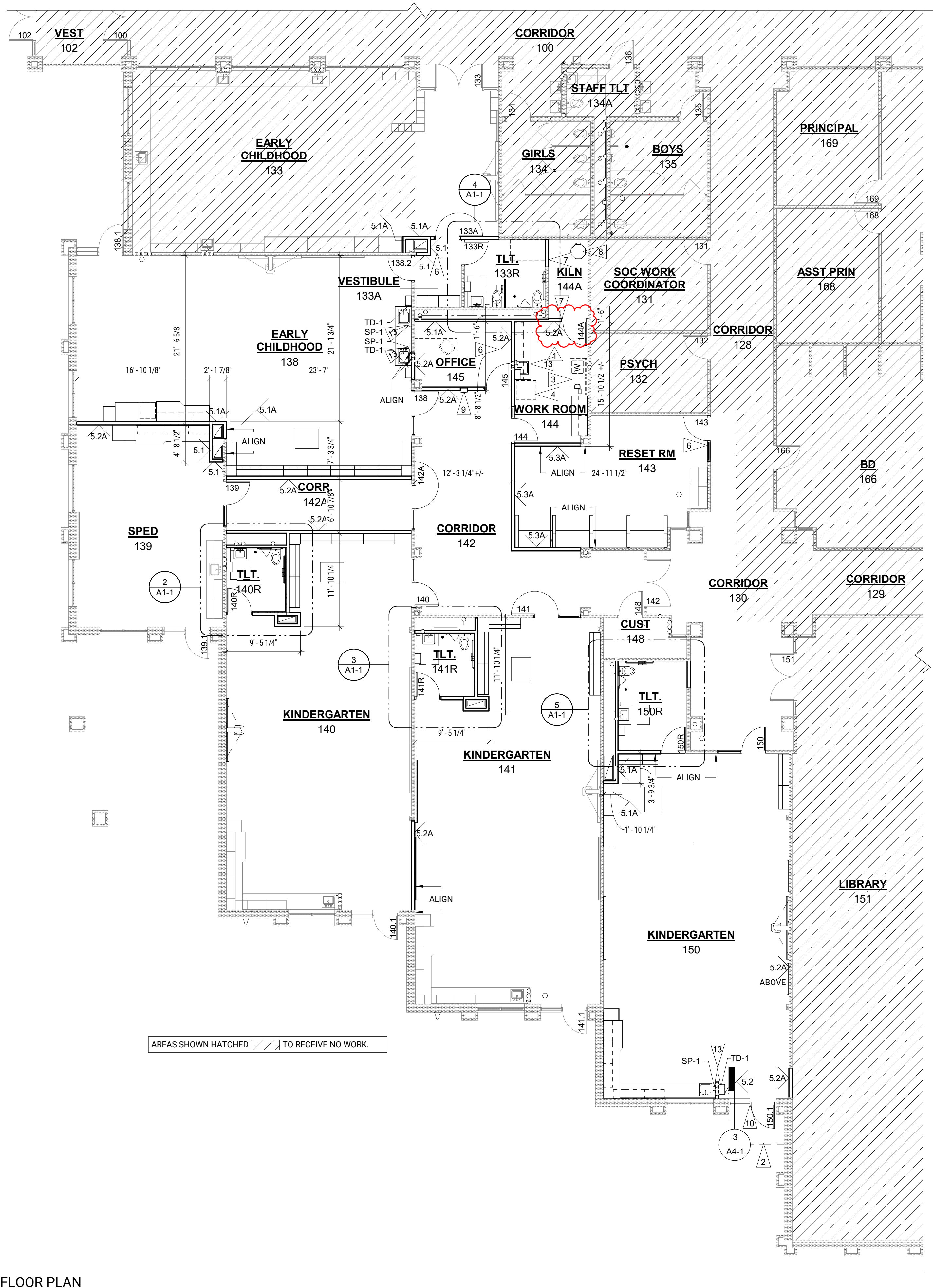
ARCHITECTURAL FLAG NOTES

FLAG NOTES APPLICABLE TO SHEETS A1-1 & A1-3 ONLY.

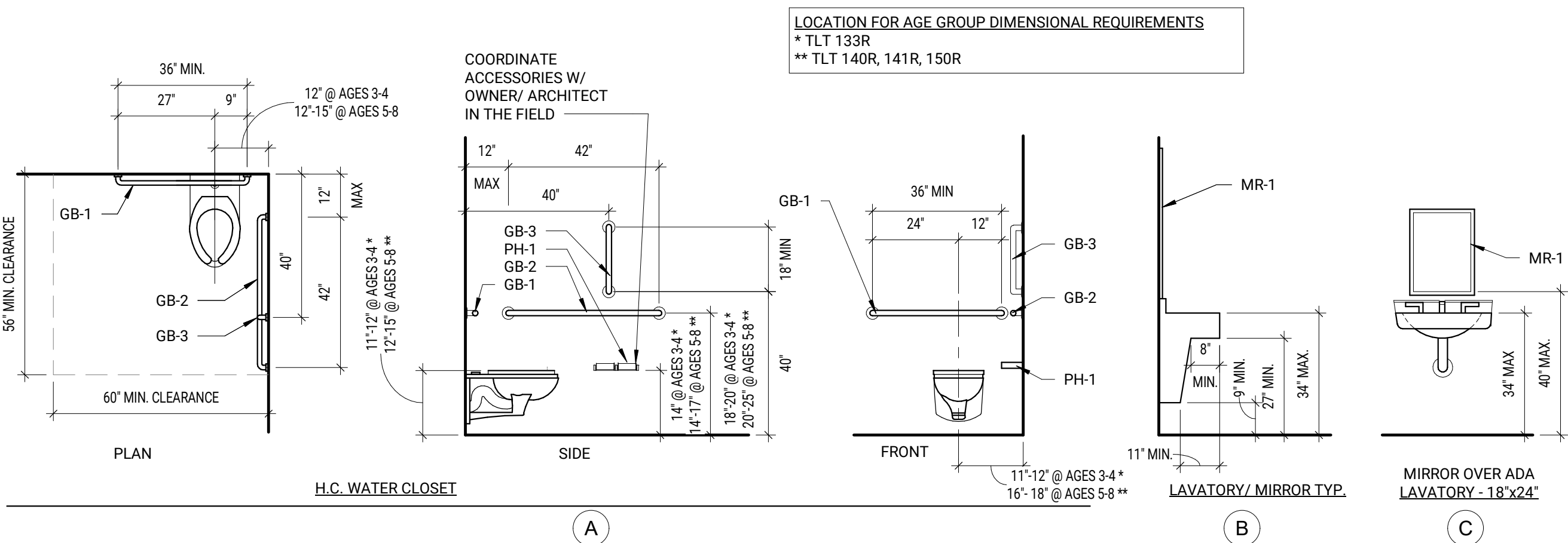
- 2'-0" X 2'-0" ACCESS DOOR, SEE SPEC. SECTION 08 31 13. MOUNT ABOVE GRAB BAR, TYP. COORDINATE WITH TILE WHERE OCCURRING AND MECHANICAL ACCESS AS NEEDED.
- STRUCTURAL STOOP, SEE STRUCT.
- WASHER/DRYER, N.I.C.
- REFRIGERATOR, N.I.C.
- OWNER PROVIDED BABY CHANGING TABLE.
- CONTRACTOR TO GRIND EXIST. CONC. FLOOR AND / OR PROVIDE CONC. FLOOR UNDERLAYMENT AS REQUIRED TO PROVIDE A LEVEL FLOOR TO RECEIVE FLOOR FINISHES AT REMOVED WALL. MAXIMUM ACCEPTABLE VERTICAL IRREGULARITY SHALL BE 1/8" MEASURED OVER A 5'-0" TEMPLATE.
- PATCH ALL OPENINGS IN RATED WALL TO MAINTAIN 1-HOUR RATED FIRE WALL.
- RELOCATED KILN.
- RELOCATED FIRE EXTINGUISHER CABINET.
- CARD READER, SEE SPEC SECTION 08 71 00 AND ELECTRICAL.
- NOT USED
- NOT USED
- PROVIDE BLOCKING AND INSTALL OWNER PROVIDED SOAP DISPENSER (SP-1) AND PAPER TOWEL DISPENSER (PT-1) AT SINK, TYP. SEE A6 SERIES DRAWINGS.



BUILDING KEY PLAN



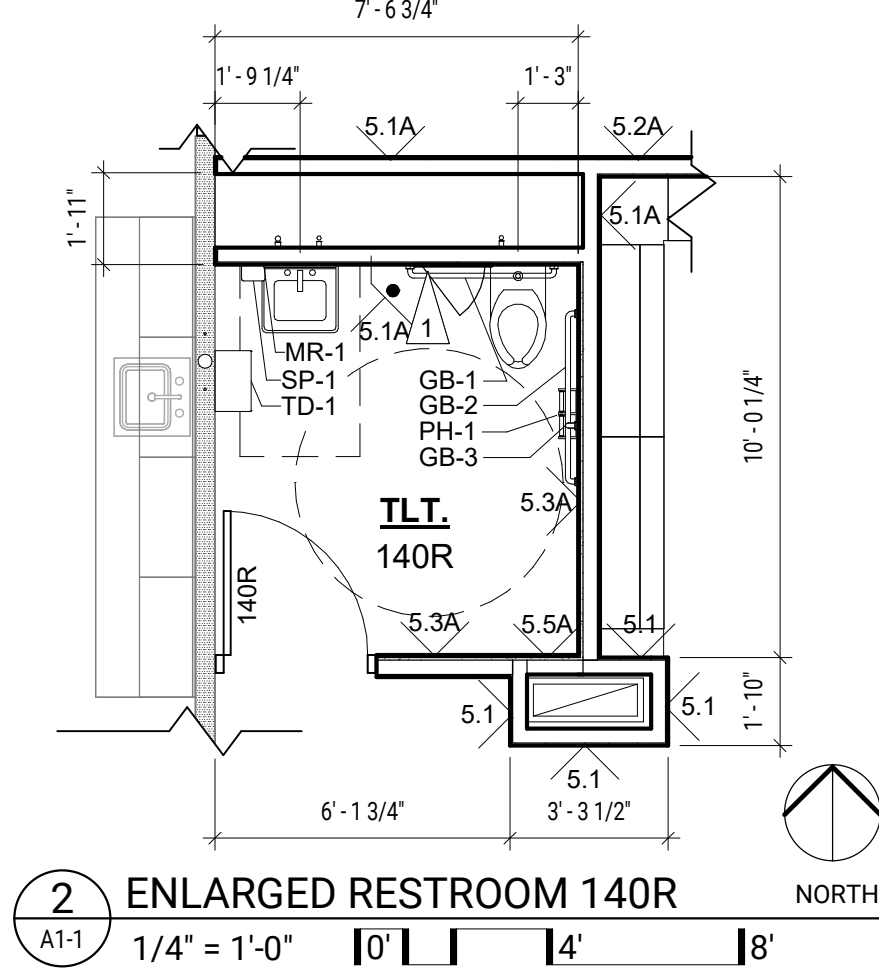
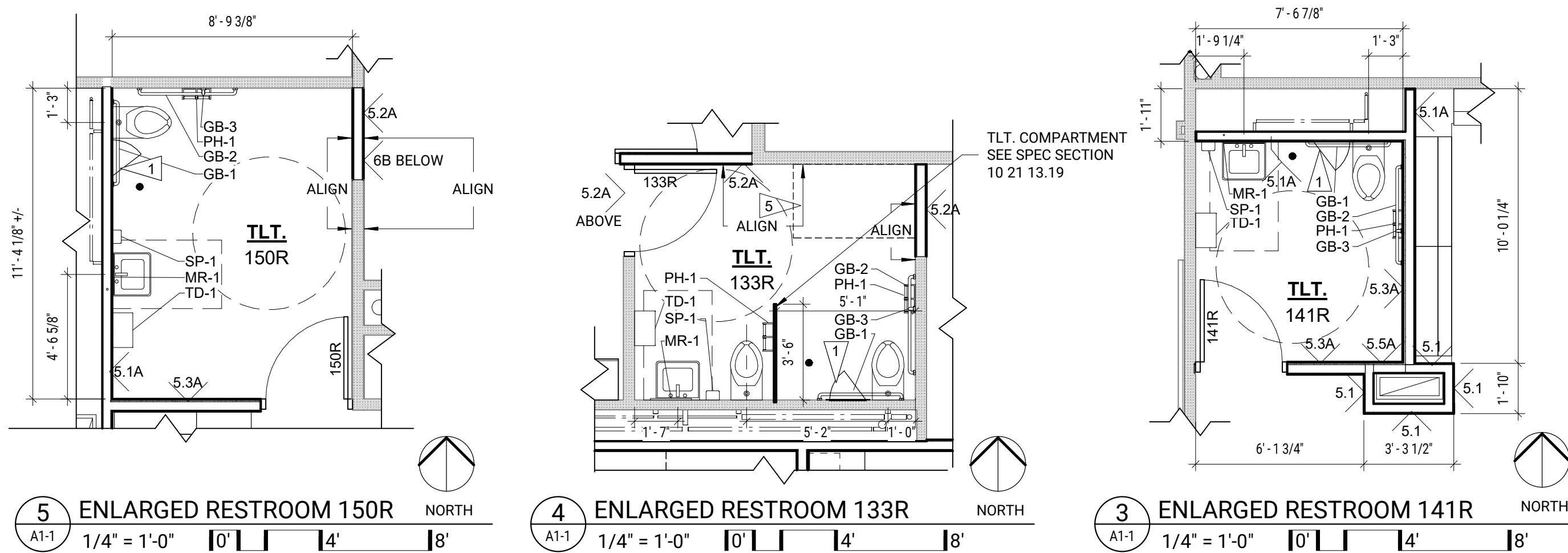
AREAS SHOWN HATCHED TO RECEIVE NO WORK.



NOTE:
• FIXTURES AND TOILET ACCESSORIES ARE TO BE INSTALLED IN COMPLIANCE WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ICC/ANSI A117.1-2003.
• PER SECTION 104.1 OF THE ADA SAD GUIDELINES, DIMENSIONS THAT ARE NOT STATED AS 'MAXIMUM' OR 'MINIMUM' ARE ABSOLUTE.
• PER SECTION 104.1.1 OF THE ADA SAD GUIDELINES, DIMENSIONS ARE SUBJECT TO CONVENTIONAL INDUSTRY TOLERANCES, EXCEPT WHERE THE REQUIREMENT IS STATED AS A RANGE WITH SPECIFIC MINIMUM AND MAXIMUM END POINTS.
• COORDINATE PLUMBING FIXTURE HEIGHTS WITH MECHANICAL.

6 STUDENT FIXTURE MOUNTING HEIGHT

3/8" = 1'-0" 0' 1' 1' 14' 8'



1 FLOOR PLAN

1/8" = 1'-0" 0' 1' 1' 14' 8' 16'

#	Addendum #01	11/30/2023
	Description	Date

LPS HUNTINGTON ELEMENTARY RENOVATION

BID # 10887

2900 N. 46th STREET,
LINCOLN, NE 68504

LINCOLN PUBLIC SCHOOLS

FLOOR PLAN & ENLARGED FLOOR PLANS

A1-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

DOOR, FRAME, AND GLAZING GENERAL NOTES

- ALL DOORS SHALL BE 1-3/4" THICK, U.N.O.
- ALL REMOVABLE GLAZING STOPS SHALL BE 5/8" HIGH AND 5/8" WIDE, U.N.O.
- ALL EXTERIOR FRAMES (SHOWN ON FRAME ELEVATIONS) ARE VIEWED FROM THE EXTERIOR UNLESS INDICATED OTHERWISE.
- SEE DOOR AND FRAME SCHEDULE FOR ACTUAL DOOR SIZES. COORDINATE FRAME DIMENSIONS WITH DOOR SIZES.
- SEE SHEET A4-1 FOR DETAILS LISTED IN SCHEDULE, U.N.O.
- SEE SPECIFICATIONS FOR FINISH OF WOOD DOORS.
- SEE SPECIFICATION SECTION 08 80 00 FOR DESCRIPTION OF GLASS TYPES SHOWN ON DOOR AND FRAME SCHEDULE (I.E. 'CTG').
- VERIFY ALL HARDWARE SIZES, CLEARANCES, POCKET DEPTHS, ETC. WITH HARDWARE SUPPLIER AND ADJUST ACCORDINGLY.
- G.C. TO FIELD VERIFY EXISTING WALL THICKNESSES AND WALL OPENINGS PRIOR TO SUBMITTING SHOP DRAWINGS. ADJUST DOOR/ FRAME SIZES AS REQ'D TO FIT W/ EXISTING FIELD VERIFIED CONDITIONS.
- GLASS AND STOPS AT INTERIOR HOLLOW METAL FRAMES OCCURRING BETWEEN CORRIDORS AND OCCUPIED ROOMS SHALL BE LOCATED AT THE CORRIDOR SIDE OF THE FRAME, U.N.O.
- WHERE THE CEILING RUNS INTO THE TOP OF THE FRAME, THE FRAME SHALL BE KNEE BRACED AT 4'-0" O.C. AT THE HEAD OF THE FRAME TO THE STRUCTURE ABOVE FOR LATERAL STABILITY. KNEE BRACING SHALL BE INSTALLED WITH A MAXIMUM ANGLE (FROM THE HORIZONTAL) OF 45 DEGREES.
- CAULK ALL JOINTS BETWEEN INTERSECTING FRAME MEMBERS THAT ARE NOT WELDED, WITH A PAINTABLE CAULK TO PROVIDE A SMOOTH AND UNIFORM APPEARANCE WHEN PAINTED.
- THE PERIMETER OF ALL FRAMES SHALL BE CAULKED AT BOTH THE EXTERIOR AND INTERIOR.
- SET ALL EXTERIOR FRAMES AND THRESHOLDS IN A CONTINUOUS BEAD OF CAULK AT SILLS.
- A DASHED 'X' REPRESENTS ONE UNIT OF BLINDS, U.N.O.

DOOR, FRAME AND GLAZING LEGEND

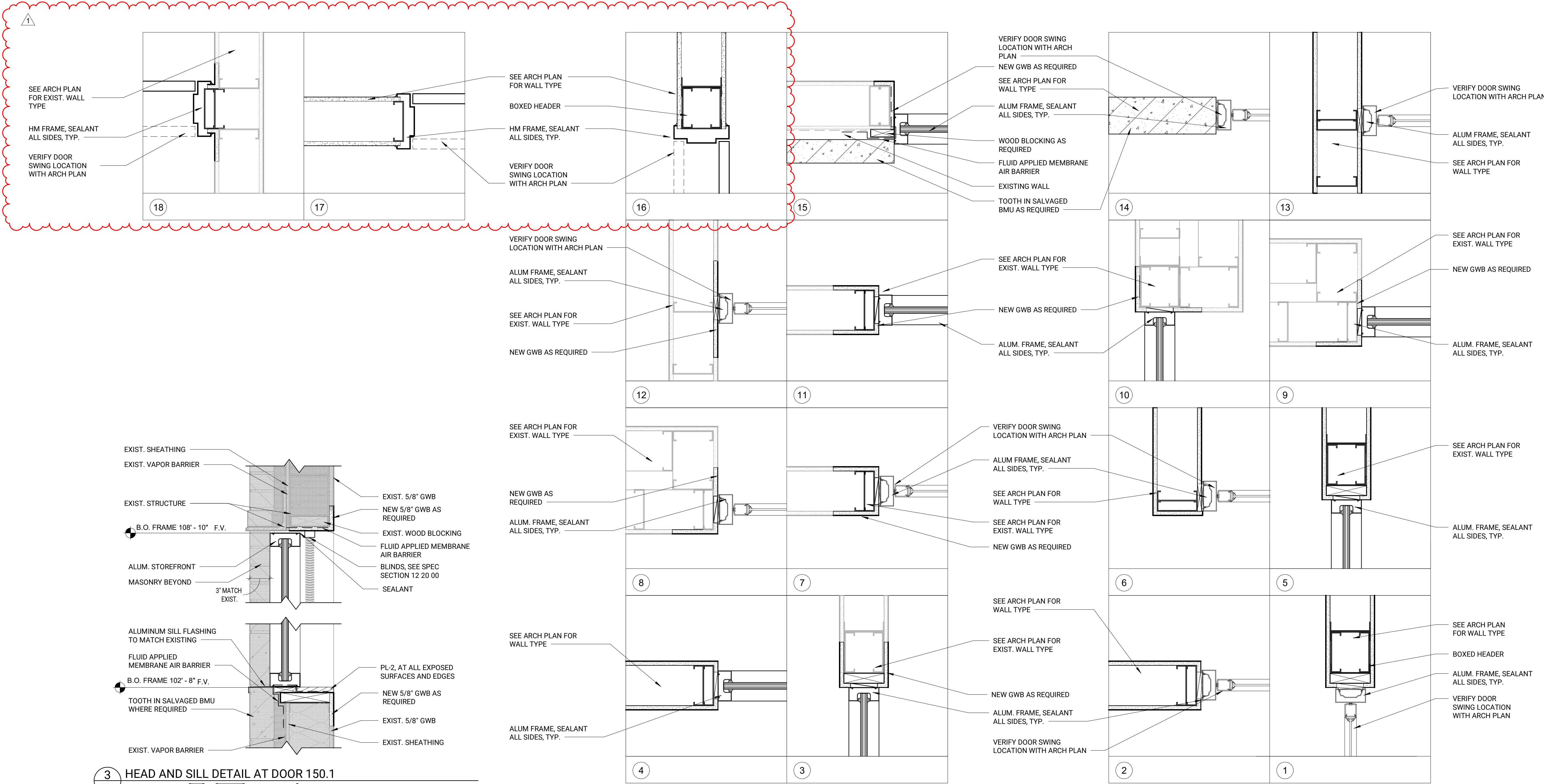
ALUM	ALUMINUM
CMP	COMPOSITE METAL PANEL
CTG	CLEAR TEMPERED GLASS
CTIG	CLEAR TEMPERED INSULATED GLASS
FRGC	FIRE PROTECTION RATED GLAZING
HM	HOLLOW METAL
MIN	MINUTE
P	PAINT
PF	PRE-FINISHED
PR	PAIR
REV	REVERSE
SIM	SIMILAR
ST	STAIN
U.N.O.	UNLESS NOTED OTHERWISE
WD	WOOD

DOOR, FRAME, AND GLAZING REMARKS

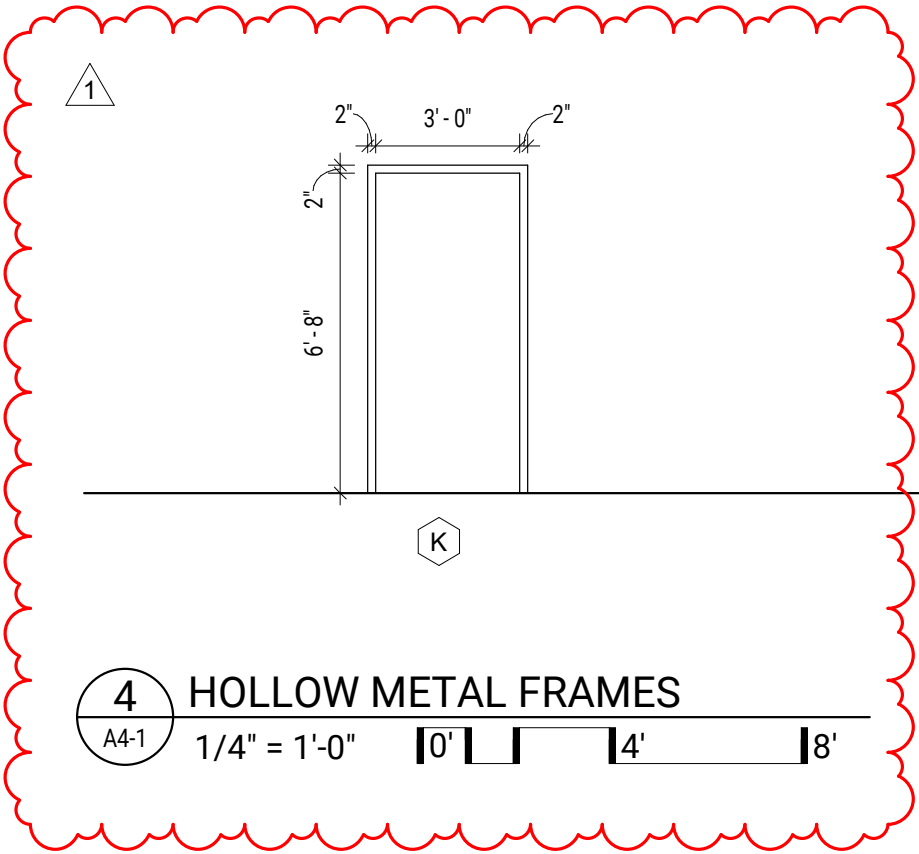
- DOOR TO HAVE FG GLAZING IN TOP PANEL AND COMPOSITE METAL PANEL IN LOWER PANEL.

DOOR AND FRAME SCHEDULE

DOOR NO.	WIDTH	HEIGHT	TYPE	MAT.	FINISH	TYPE	DEPTH	MAT.	FINISH	HEAD	JAMB	HDWR.	TYPE	LABEL	GLAZING	REMARKS	DOOR NO.
133A	3'-0"	6'-8"	NV	WD	ST-2	A	4 1/2"	ALUM	PF	1	2	1,2	---	---	CTG	---	133A
133R	3'-0"	6'-8"	F	WD	ST-2	A	4 1/2"	ALUM	PF	1	6,7	2,2	---	---	---	---	133R
138	3'-0"	6'-8"	F	WD	ST-2	G	4 1/2"	ALUM	PF	10	8,9	3,2	---	---	CTG	---	138
138.2	3'-0"	6'-8"	NV	WD	ST-2	EXIST.	4 1/2"	EXIST.	---	---	---	1,2	---	---	CTG	---	138.2
139	3'-0"	6'-8"	F	WD	ST-2	B	4 1/2"	ALUM	PF	3	7,11	4,2	---	---	CTG	---	139
140	3'-0"	6'-8"	F	WD	ST-2	F	4 1/2"	ALUM	PF	10	8,9	5,2	---	---	CTG	---	140
140R	3'-0"	6'-8"	F	WD	ST-2	A	4 1/2"	ALUM	PF	1	2,12	2,2	---	---	---	---	140R
141	3'-0"	6'-8"	F	WD	ST-2	B	4 1/2"	ALUM	PF	10	7,9	3,2	---	---	CTG	---	141
141R	3'-0"	6'-8"	F	WD	ST-2	A	4 1/2"	ALUM	PF	1	2,12	2,2	---	---	---	---	141R
142A	3'-0"	6'-8"	F	WD	ST-2	C	4 1/2"	ALUM	PF	3	7,11	6,2	---	---	CTG	---	142A
143	3'-0"	6'-8"	F	WD	ST-2	C	4 1/2"	ALUM	PF	3	7,14	4,2	---	---	CTG	---	143
144	3'-0"	6'-8"	F	WD	ST-2	B	4 1/2"	ALUM	PF	3	6,9	4,2	---	---	CTG	---	144
144A	3'-0"	6'-8"	HG	WD	ST-2	K	5 7/8"	HM	P-10	16	17,18	3,2	45 MIN.	FRGC	---	---	144A
145	3'-0"	6'-8"	HG	WD	ST-2	J	4 1/2"	ALUM	RE	4	13	4,2	---	---	CTG	---	145
150	3'-0"	6'-8"	F	WD	ST-2	D	4 1/2"	ALUM	PF	3	7,11	3,2	---	---	CTG	---	150
150.1	3'-0"	6'-8"	FG	ALUM.	PF	H	4 1/2"	ALUM	PF	3/A4-1	15	8,2	---	---	CTIG	1	150.1
150R	3'-0"	6'-8"	F	WD	ST-2	A	4 1/2"	ALUM	PF	1	2,12	2,2	---	---	---	---	150R

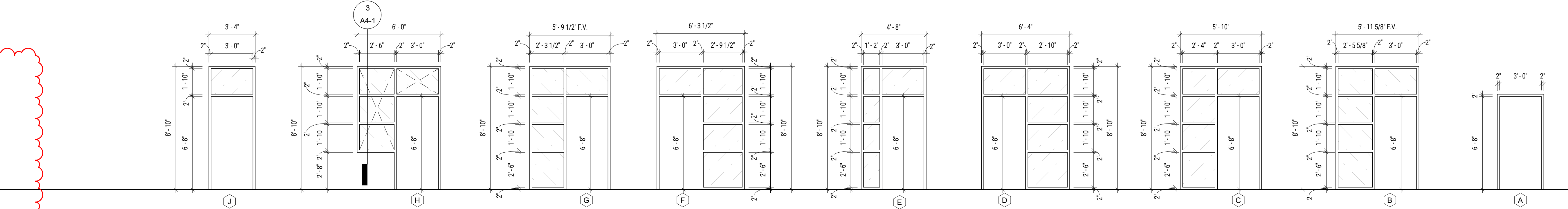


3 HEAD AND SILL DETAIL AT DOOR 150.1
A4-1 1 1/2" = 1'-0" 0' 1' 8" 1'-4"

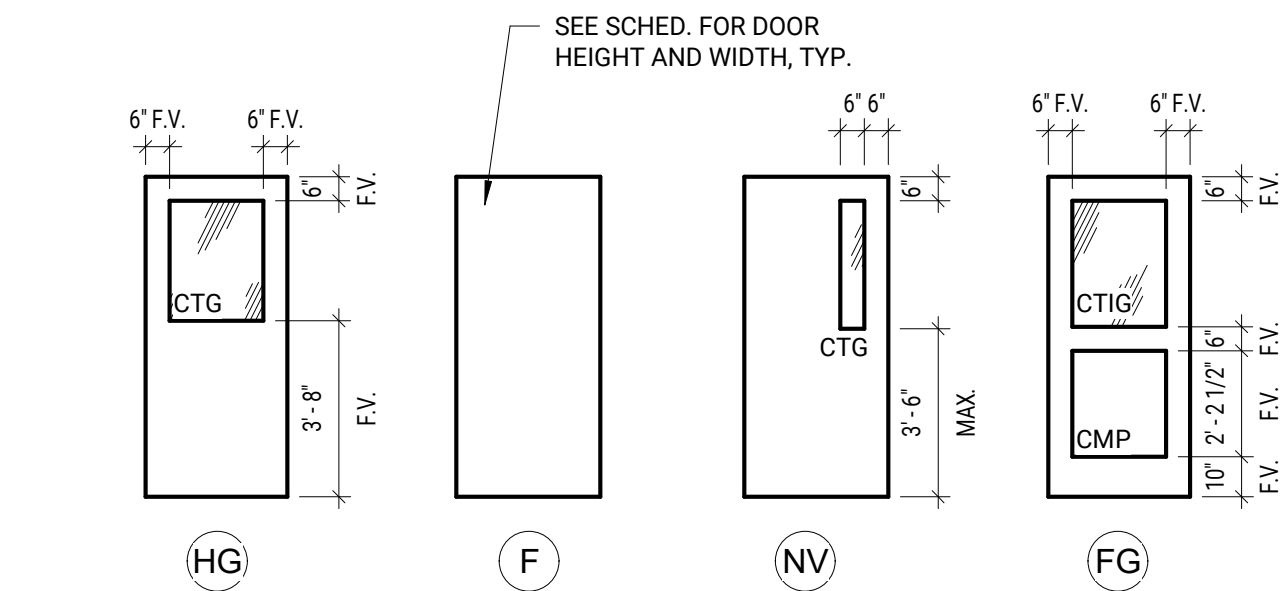


4 HOLLOW METAL FRAMES
A4-1 1/4" = 1'-0" 0' 1' 4" 8"

2 ALUMINUM FRAME ELEVATIONS
A4-1 1/4" = 1'-0" 0' 1' 4" 8"



NOTE: DASHED 'X' AT FRAME REPRESENTS ONE UNIT OF BLINDS. SEE SPEC SECTION 12.20.00.



1 DOOR TYPE ELEVATIONS
A4-1 1/4" = 1'-0" 0' 1' 4" 8"

PROJECT TEAM

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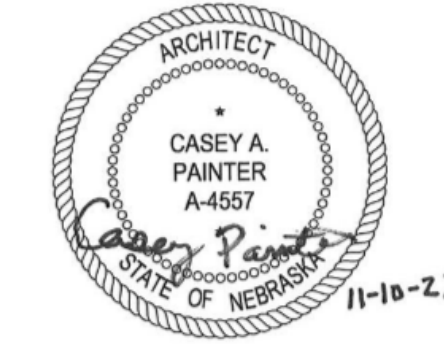
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1	Addendum #01	11/30/2023
#	Description	Date

LPS HUNTINGTON ELEMENTARY RENOVATION

BID # 10887

2900 N. 46th STREET,
LINCOLN, NE 68504

LINCOLN PUBLIC SCHOOLS

DOORS AND WINDOWS

A4-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

PROJECT TEAM

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Omaha, NE 68164
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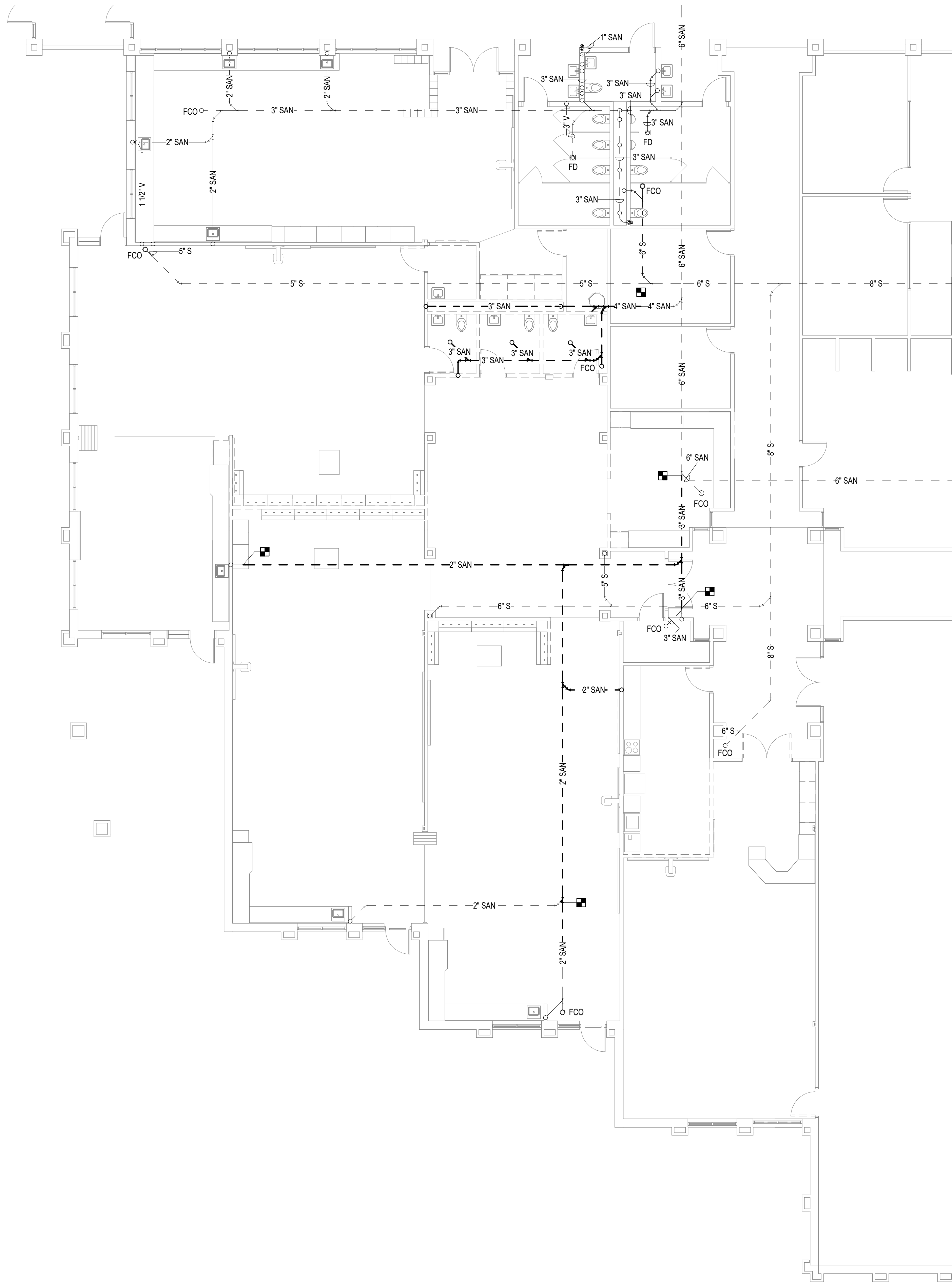
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ALVINE ENGINEERING
1220 Lincoln Mall, Suite 200
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FLAG NOTES

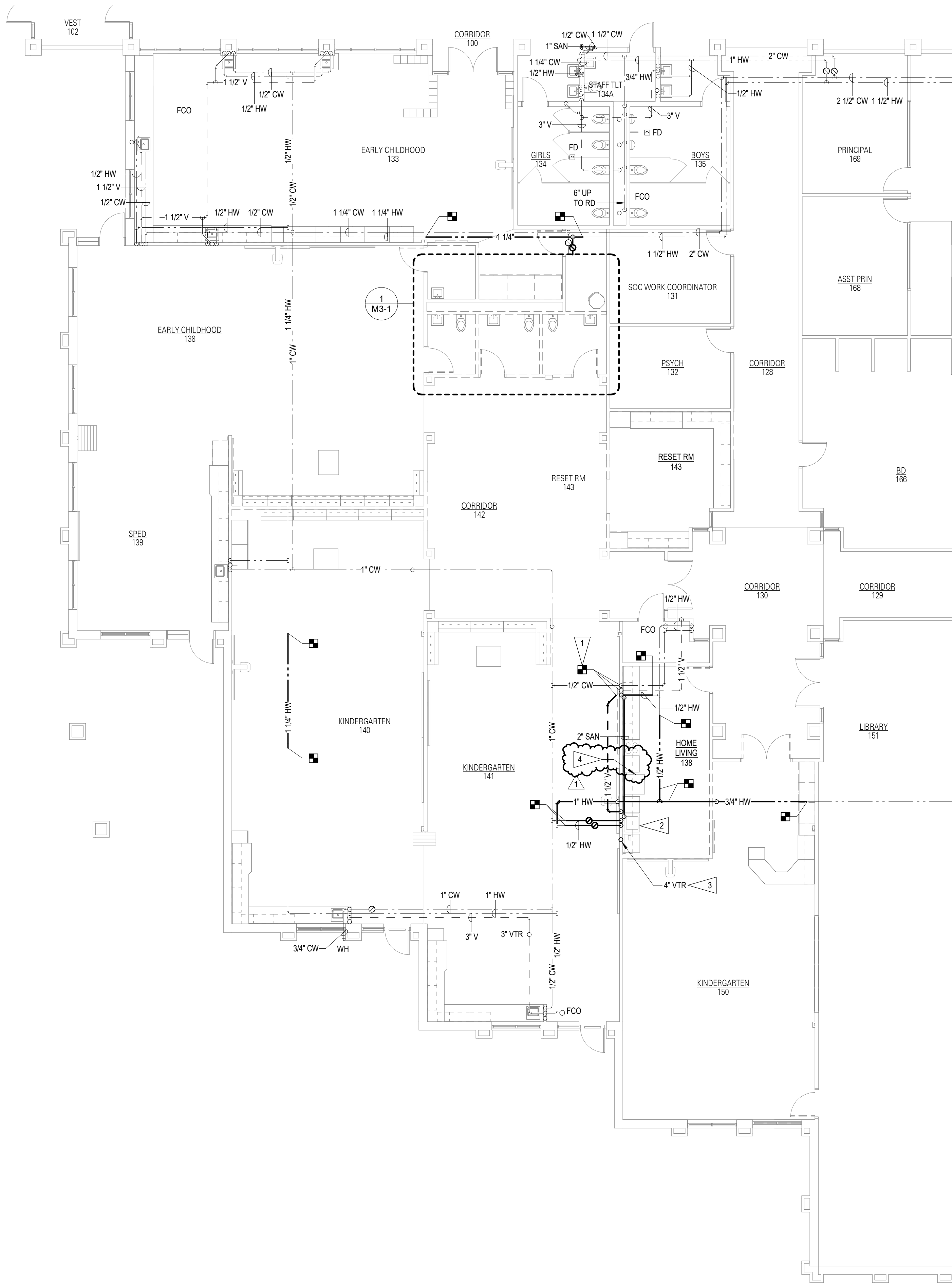
- 1 REMOVE EXISTING SINK AND ASSOCIATED PIPING. CAP BACK AT MAIN. FIELD VERIFY EXACT LOCATION.
- 2 REMOVE EXISTING WASHER, DRYER AND ASSOCIATED PIPING. SEE NEW WORK PLAN FOR EXTENT OF REMOVAL.
- 3 REMOVE EXISTING CLOTHES DRYER VENT FROM DRYER TO ABOVE CEILING. CAP EXISTING 4" VENT ABOVE CEILING.
- 4 REMOVE EXISTING COLD WATER LINE SERVING REFRIGERATOR. CAP AT MAIN.

GENERAL NOTES

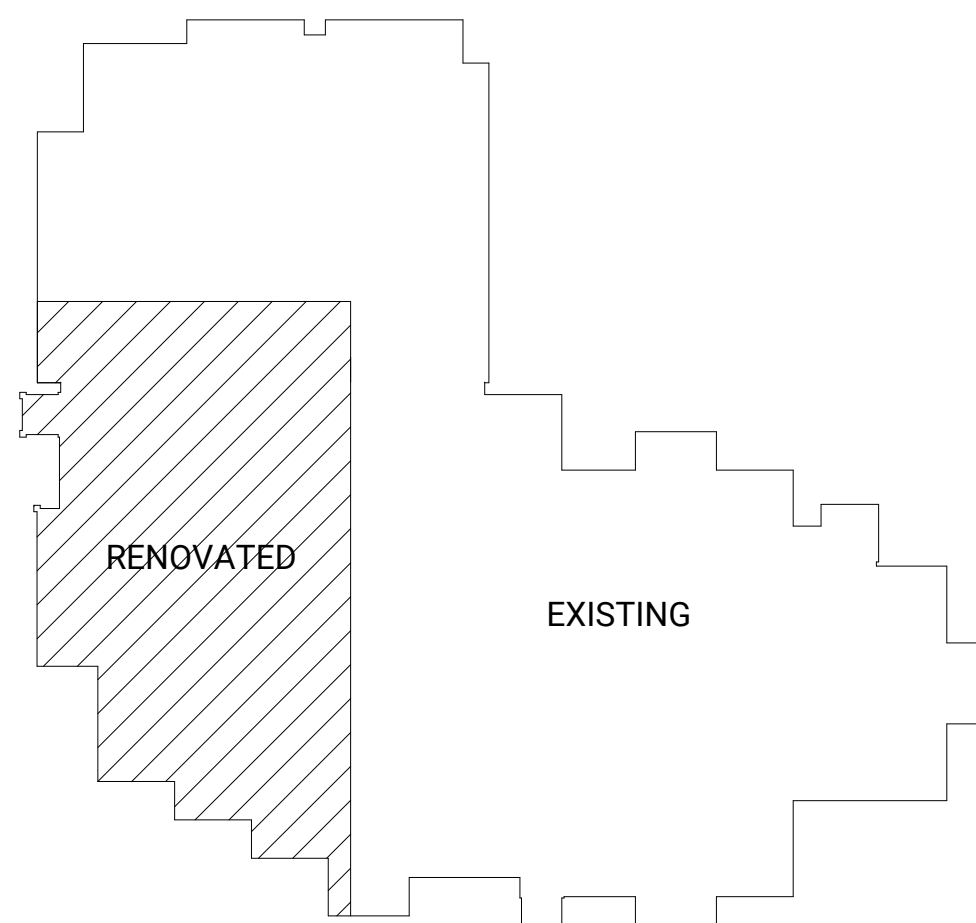
1. SEE SYMBOLS AND ABBREVIATIONS ON SHEET M0-0 FOR DEMOLITION NOTES AND SYMBOLS.



1 WASTE AND VENT PLAN - PLUMBING DEMOLITION
1/8" = 1'-0" 0' 8' 16'



2 FIRST FLOOR PLAN - PLUMBING DEMOLITION
1/8" = 1'-0" 0' 8' 16'



BUILDING KEY PLAN

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Omaha: 1301 Cass Street, Omaha, Nebraska 68102, Phone: (402) 243-7007
Lincoln: 8800 O Street, Suite 104, Lincoln, Nebraska 68506, Phone: (402) 471-0161
Oklahoma City: 1201 Broadway Plaza, Suite 101, Oklahoma City, Oklahoma 73104, Phone: (405) 750-2000
Des Moines: 4801 East 16th Ave, Suite 100, Des Moines, Iowa 50309, Phone: (515) 263-0597

1	Addendum #01	11/30/2023
#	Description	Date

LPS
HUNTINGTON
ELEMENTARY
RENOVATION

BID # 10887

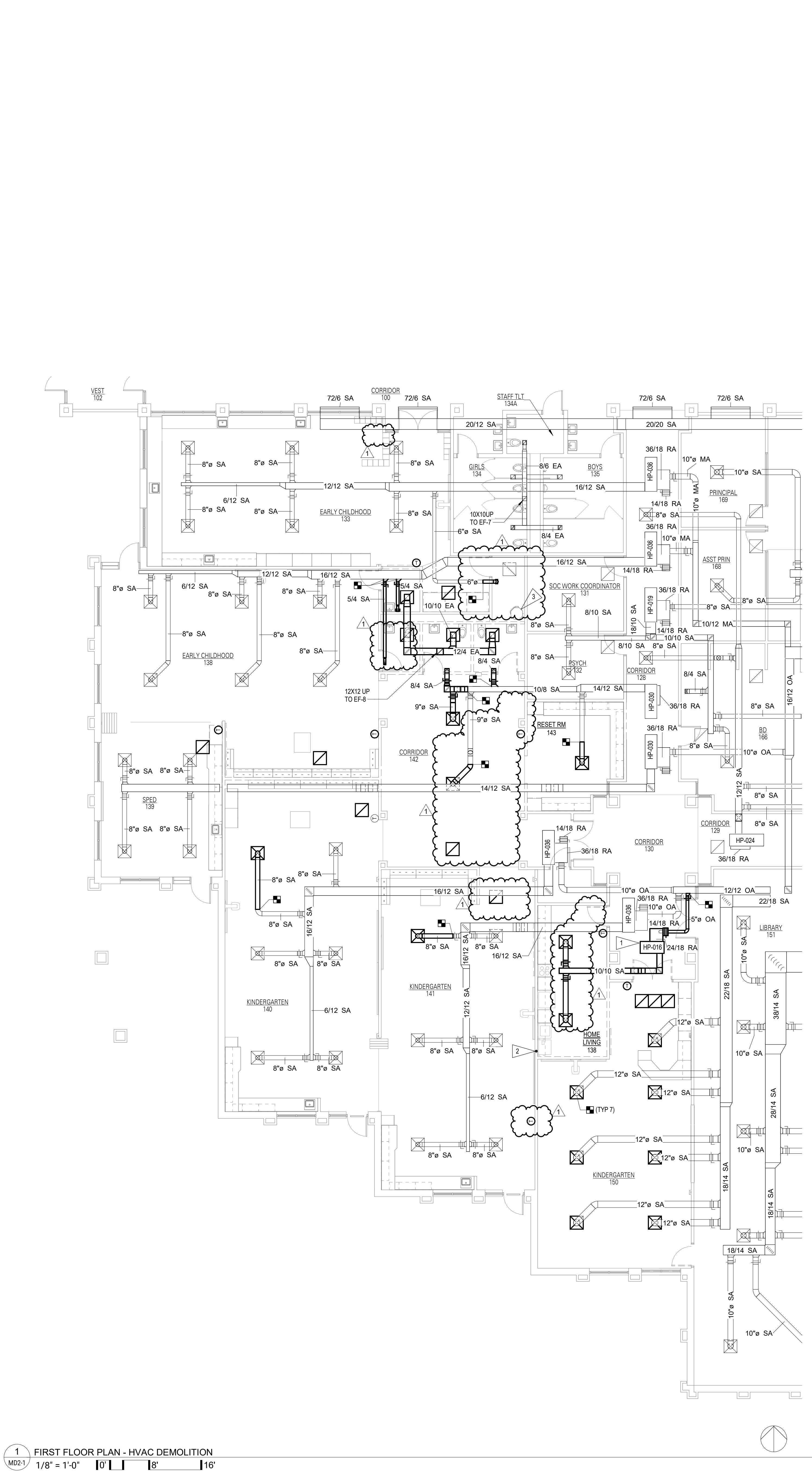
2900 N. 46th STREET, LINCOLN NE
68504

LINCOLN PUBLIC
SCHOOLS

BELOW GRADE AND
FIRST FLOOR PLAN -
PLUMBING
DEMOLITION

MD1-1

CONSTRUCTION DOCUMENTS
BODM NO. 5370-02
11/10/2023



- FLAG NOTES**
- 1 REMOVE ALL PIPING ASSOCIATED WITH THE HEAT PUMP. REMOVE PIPING BACK TO VALVE AND CAP.
 - 2 REMOVE EXISTING DRYER VENT FROM DRYER AND CAP DUCT ABOVE CEILING. FIELD VERIFY EXACT LOCATION.
 - 3 CONTRACTOR TO REMOVE AND RELOCATE VENT-A-KILN. SEE NEW WORK PLAN FOR LOCATION OF KILN.
- GENERAL NOTES**
1. SEE SYMBOLS AND ABBREVIATIONS ON SHEET MD-0 FOR DEMOLITION NOTES AND SYMBOLS.

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1	Addendum #01	11/30/2023
#	Description	Date

LPS HUNTINGTON ELEMENTARY RENOVATION
BID # 10887

2900 N. 46th STREET, LINCOLN NE 68504

LINCOLN PUBLIC SCHOOLS

FIRST FLOOR PLAN - HVAC DEMOLITION

MD2-1
CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

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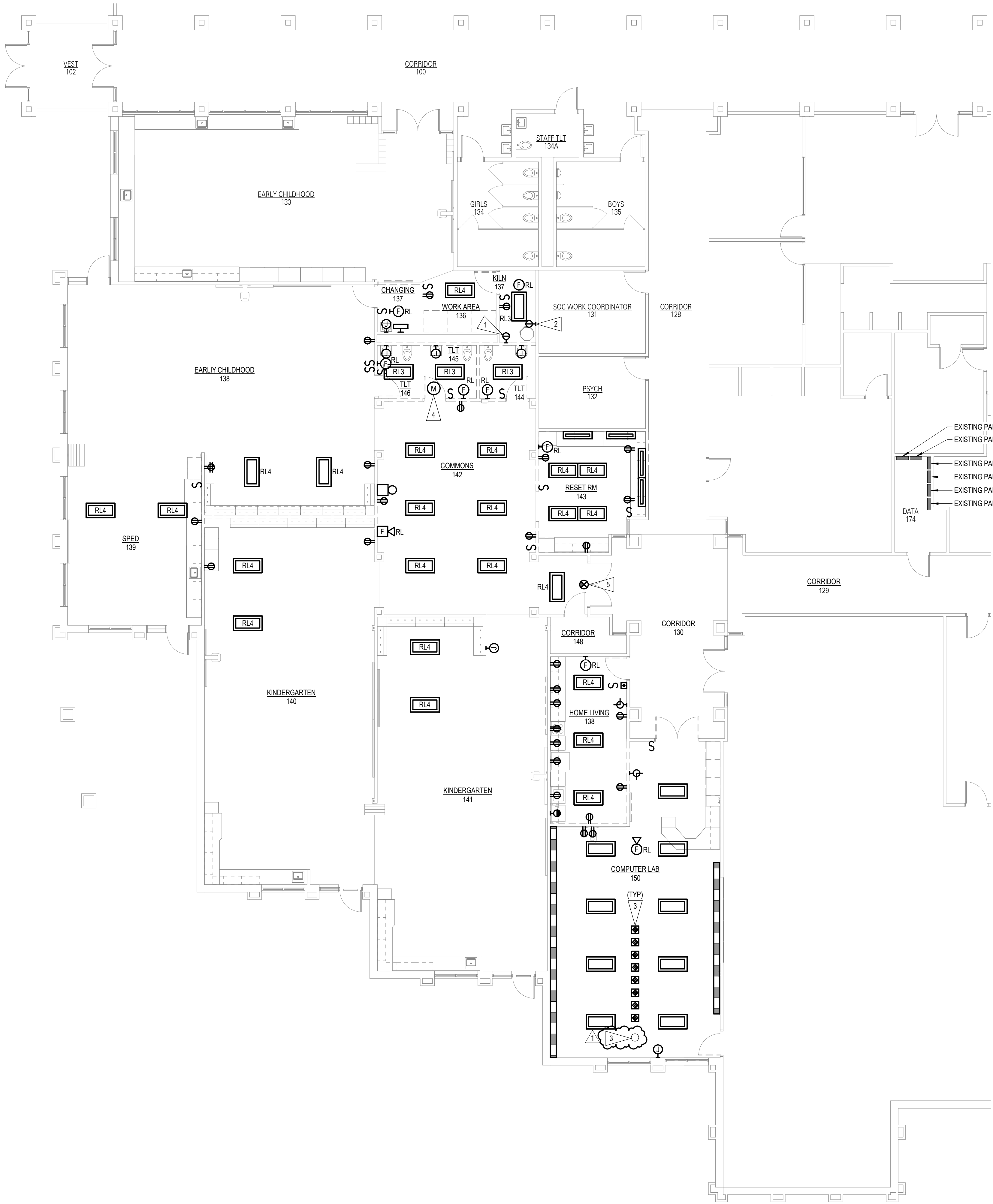
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Oklahoma City: 1241 Broadway Plaza, Suite 101, Oklahoma City, Oklahoma 73114 Phone: (405) 750-2080
Des Moines: 4801 East 17th Ave, Suite 100, Des Moines, Iowa 50309 Phone: (515) 263-0569

GENERAL NOTES:

1. 'RL4' INDICATES AN EXISTING 4-LAMP FLUORESCENT LIGHTING FIXTURE TO BE REMOVED AND SALVAGED FOR REUSE IN A NEW LOCATION.
2. 'RL3' INDICATES AN EXISTING 3-LAMP FLUORESCENT LIGHTING FIXTURE TO BE REMOVED AND SALVAGED FOR REUSE IN A NEW LOCATION.

FLAG NOTES

1. DISCONNECT, REMOVE AND SALVAGE FOR REUSE NEMA 6-50R KLN RECEPTACLE AND COVER PLATE. EXISTING CIRCUIT TO BE EXTENDED TO NEW RECEPTACLE LOCATION.
2. DISCONNECT, REMOVE AND SALVAGE FOR REUSE NEMA 5-20R KLN HOOD RECEPTACLE AND COVER PLATE. EXISTING CIRCUIT TO BE EXTENDED TO NEW RECEPTACLE LOCATION.
3. REMOVE FLUSH FLOOR POWER, VOICE, DATA FLOOR BOXES. REMOVE CONDUCTORS AND CABLES BACK TO SOURCE IN FULL FLOOR.
4. DISCONNECT EXHAUST FAN EF-8 ON ROOF. CIRCUIT G-58 (VERIFY) TO REMAIN FOR REUSE.
5. REMOVE FIXTURE. LOCATION TO REMAIN FOR REUSE.



EXISTING PANEL 'J' TO REMAIN

EXISTING PANEL 'G2' TO REMAIN

EXISTING PANEL 'G1' TO REMAIN

EXISTING PANEL 'H1' TO REMAIN

EXISTING PANEL 'H2' TO REMAIN

EXISTING PANEL 'I' TO REMAIN

DATA 174

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

PSYCH 132

WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

EARLY CHILDHOOD 133

VEST 102

CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

KINDERGARTEN 141

HOME LIVING 138

COMPUTER LAB 150

SPEED 139

COMMONS 142

RESET RM 143

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WORK AREA 138

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EARLY CHILDHOOD 133

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CORRIDOR 100

CORRIDOR 128

CORRIDOR 129

CORRIDOR 130

CORRIDOR 148

KINDERGARTEN 140

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RESET RM 143

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RESET RM 143

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WORK AREA 138

CHANGING 137

EARLY CHILDHOOD 133

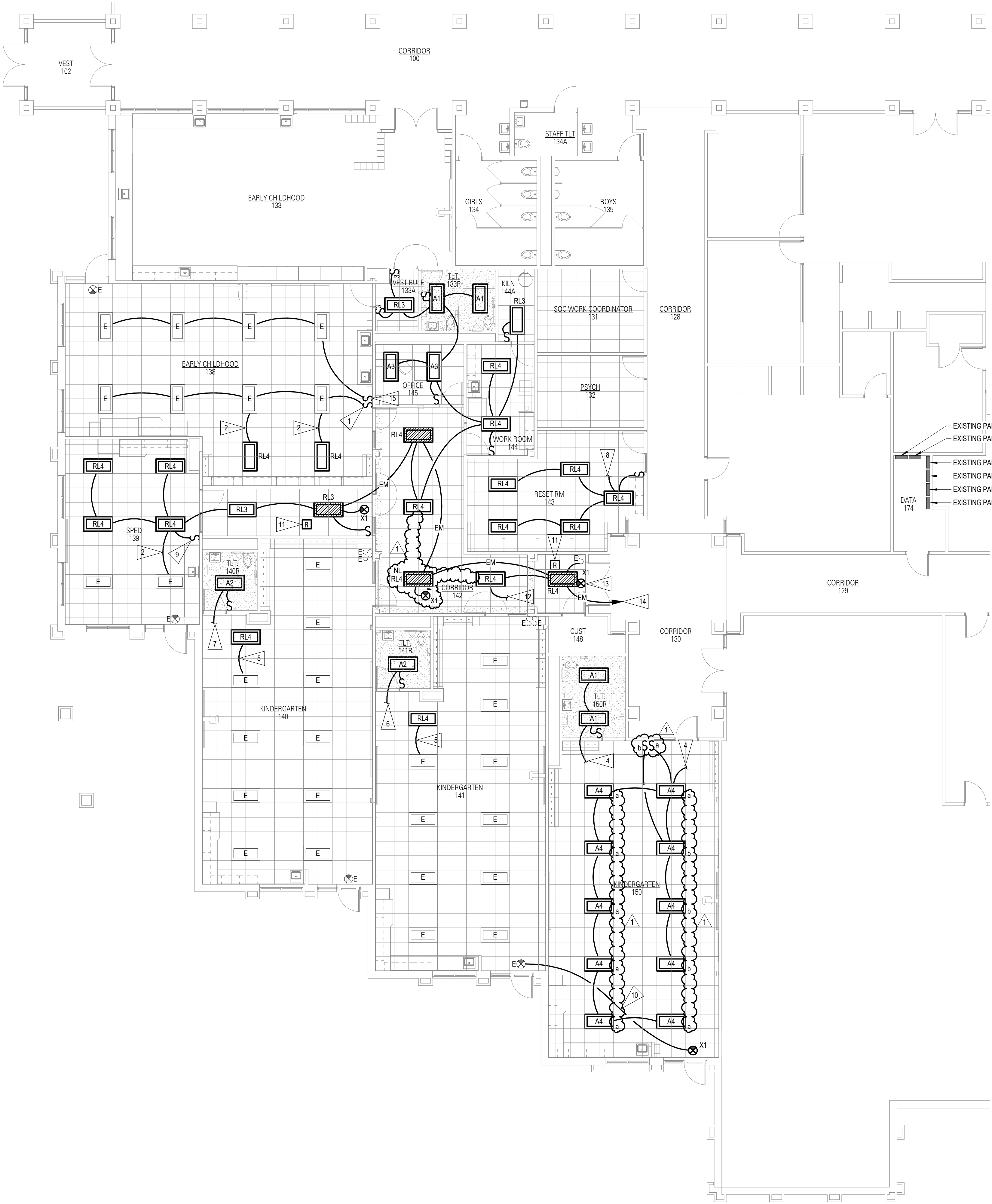
EARLY CHILDHOOD 133

VEST 102</

LUMINAIRE SCHEDULE												
MARK	DESCRIPTION	MANUFACTURER	CATALOG NO.	LUMENS	WATTAGE	COLOR	DIMMING	VOLTAGE	MOUNTING	FINISH	ALTERNATE MANUFACTURER	REMARKS
A1	2X4 RECESSED FLAT PANEL WITH SELECTABLE OUTPUT & COLOR	METALUX	24CGTS-L3C3-DF-24W-U	3600	28	4000	0-10V TO 10%	120 V	RECESSED	WHITE	LITHONIA	1
A2	2X4 RECESSED FLAT PANEL WITH SELECTABLE OUTPUT & COLOR	METALUX	24CGTS-L3C3-DF-24W-U	5016	40	4000	0-10V TO 10%	120 V	RECESSED	WHITE	LITHONIA	2
A3	2X4 RECESSED VOLUMETRIC TROFFER WITH LUMINOUS CENTER PANEL	METALUX	24RLN-LDS-450G-UNV-L840-CD1-U	4547	34	4000	0-10V TO 1%	120 V	RECESSED	WHITE	LITHONIA	
A4	2X4 RECESSED FLAT PANEL WITH SELECTABLE OUTPUT & COLOR	METALUX	24CGTS-L3C3	3600	28	4000	0-10V TO 10%	120 V	RECESSED	WHITE	LITHONIA	1
X1	SINGLE FACE EXIT SIGN	SURE-LITES	CX61WH (RED LETTERS)		1		-	120 V	UNIVERSAL	WHITE	LITHONIA	

- GENERAL NOTES
- SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 - CONTRACTOR TO VERIFY LUMINAIRE CATALOG NUMBER AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING.
 - LUMINAIRE NUMBERS INDICATED WITH LETTER "E" SHALL BE PROVIDED WITH AN EMERGENCY BATTERY PACK.
 - LISTED ALTERNATE MANUFACTURERS ARE PERMITTED TO BID AN EQUIVALENT LUMINAIRE WHICH COMPLIES WITH THE PRODUCT REQUIREMENTS IDENTIFIED IN THIS SCHEDULE AND THE SPECIFICATIONS WITHOUT SUBMITTING A PRIOR APPROVAL REQUEST. ALTERNATE LUMINAIRES WILL BE REVIEWED DURING THE SUBMITTAL PROCESS AND THE MANUFACTURER WILL BE RESPONSIBLE TO PROVIDE A LUMINAIRE WHICH MEETS THE PRODUCT REQUIREMENTS.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE THE SPECIFIED LUMINAIRES DEFINED WITHIN THIS SCHEDULE AND ASSOCIATED CONTRACT DOCUMENTS. IF REQUIRED, THE ELECTRICAL CONTRACTOR MAY UTILIZE MULTIPLE DISTRIBUTORS AND/OR DISTRIBUTORS MAY UTILIZE MULTIPLE LIGHTING MANUFACTURER REPRESENTATIVES TO COMPLY WITH THE CONTRACT DOCUMENTS FOR THIS PROJECT.

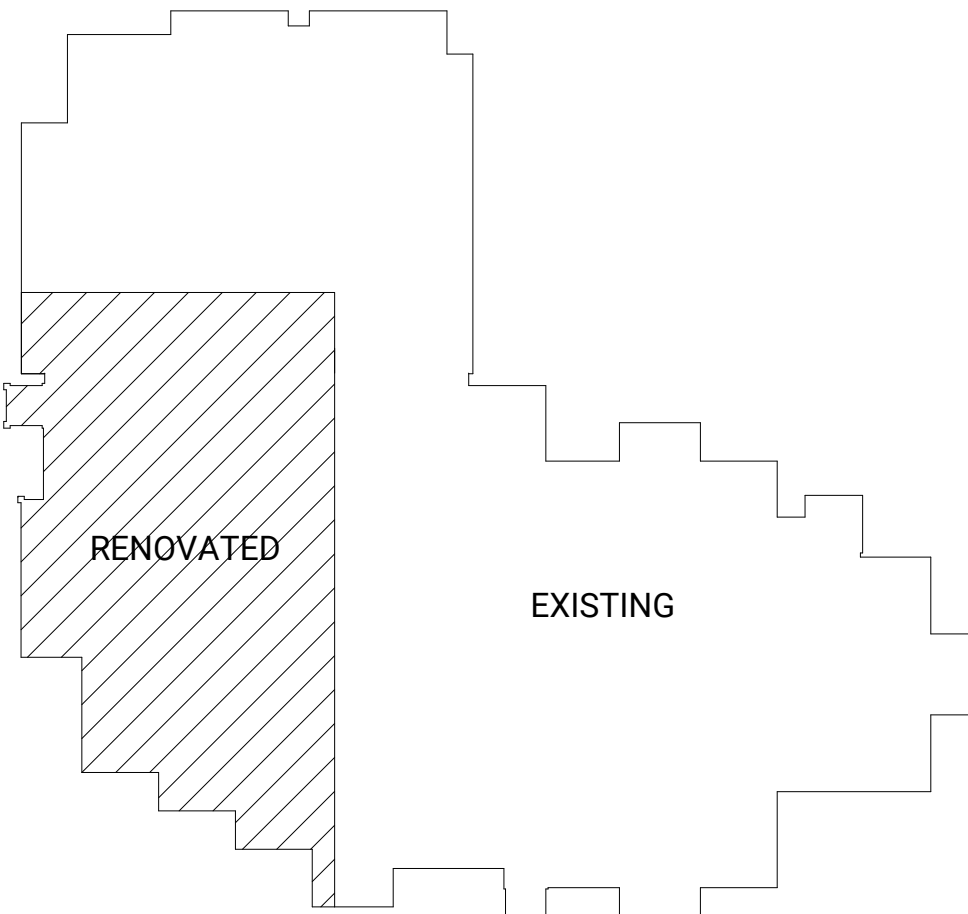
- REMARKS
- TYPE A1 AND A4 FIXTURES SHALL BE INITIALLY SET TO 4000K COLOR TEMPERATURE AND LOW OUTPUT.
 - TYPE A2 FIXTURES SHALL BE INITIALLY SET TO 4000K COLOR TEMPERATURE AND MEDIUM OUTPUT.



- GENERAL NOTES:
- 'RL4' INDICATES AN EXISTING SALVAGED 4-LAMP FLUORESCENT LIGHTING FIXTURE REINSTALLED IN NEW LOCATION. CONNECT TO SWITCHING AND CIRCUITING AS INDICATED.
 - 'RL3' INDICATES AN EXISTING SALVAGED 3-LAMP FLUORESCENT LIGHTING FIXTURE REINSTALLED IN NEW LOCATION. CONNECT TO SWITCHING AND CIRCUITING AS INDICATED.
 - 'E' INDICATES EXISTING FIXTURE OR DEVICE TO REMAIN IN PLACE AND BE REUSED.

- FLAG NOTES
- NEW SWITCH LOCATION TO CONTROL SIX LIGHTING FIXTURES IN EARLY CHILDHOOD 138. CONNECT TO EXISTING AND RELOCATED LIGHTING AND CIRCUITING.
 - CONNECT RELOCATED FIXTURE(S) TO EXISTING CIRCUITING AND NEW SWITCH. NOT USED.
 - CONNECT TO EXISTING LIGHTING CIRCUIT CURRENTLY SERVING KINDERGARTEN 150.
 - CONNECT RELOCATED FIXTURE TO EXISTING CIRCUITING AND SWITCH.
 - CONNECT TO EXISTING LIGHTING CIRCUIT CURRENTLY SERVING KINDERGARTEN 141.
 - CONNECT TO EXISTING LIGHTING CIRCUIT CURRENTLY SERVING KINDERGARTEN 140.
 - CONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM / AREA.
 - NEW SWITCH LOCATION TO CONTROL ALL LIGHTING IN SPD 139. CONNECT TO EXISTING AND RELOCATED LIGHTING.
 - CONNECT TO EXISTING EMERGENCY LIGHTING CIRCUIT.
 - PROVIDE WATTS TOPPER EMERGENCY LIGHTING CONTROL UNIT REL-CD-200 ABOVE ACCESSIBLE CEILING TO BYPASS SWITCH UPON LOSS OF NORMAL POWER. SEE LIGHTING GENERAL NOTE 2 ON SHEET E000.
 - CONNECT TO EXISTING LIGHTING CIRCUIT CURRENTLY SERVING CORRIDOR 142.
 - CONNECT THIS NEW EXIT LIGHT TO EXISTING EMERGENCY LIGHTING CIRCUIT AT THIS LOCATION.
 - PROVIDE A NEW EMERGENCY LIGHTING CIRCUIT TO EXISTING PANEL 'T'. CONNECT TO EXISTING 20A1P SPARE BRANCH BREAKER. UPDATE CIRCUIT DIRECTORY.
 - NEW SWITCH LOCATION TO CONTROL FOUR LIGHTING FIXTURES IN EARLY CHILDHOOD 136. CONNECT TO EXISTING LIGHTING AND CIRCUITING.

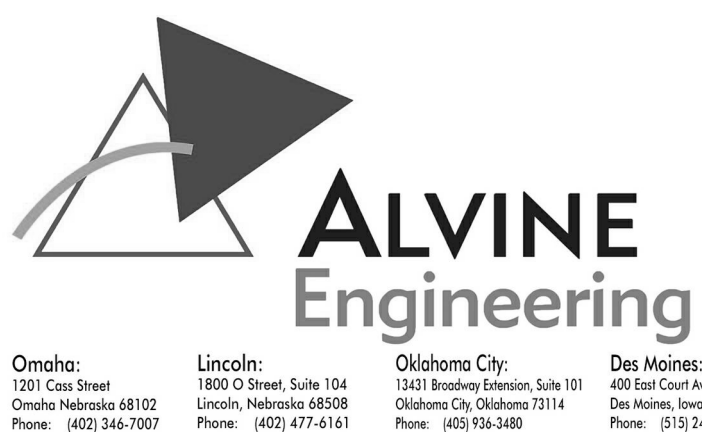
- EXISTING PANEL 'J'
EXISTING PANEL 'G2'
EXISTING PANEL 'G1'
EXISTING PANEL 'H1'
EXISTING PANEL 'H2'
EXISTING PANEL 'T'
DATA 174



BUILDING KEY PLAN

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#	Addendum #01	11/30/2023
#	Description	Date

LPS
HUNTINGTON
ELEMENTARY
RENOVATION
BID # 10887

2900 N. 46th STREET, LINCOLN NE 68504

LINCOLN PUBLIC
SCHOOLS

FIRST FLOOR PLAN -
LIGHTING, LUMINAIRE
SCHEDULE

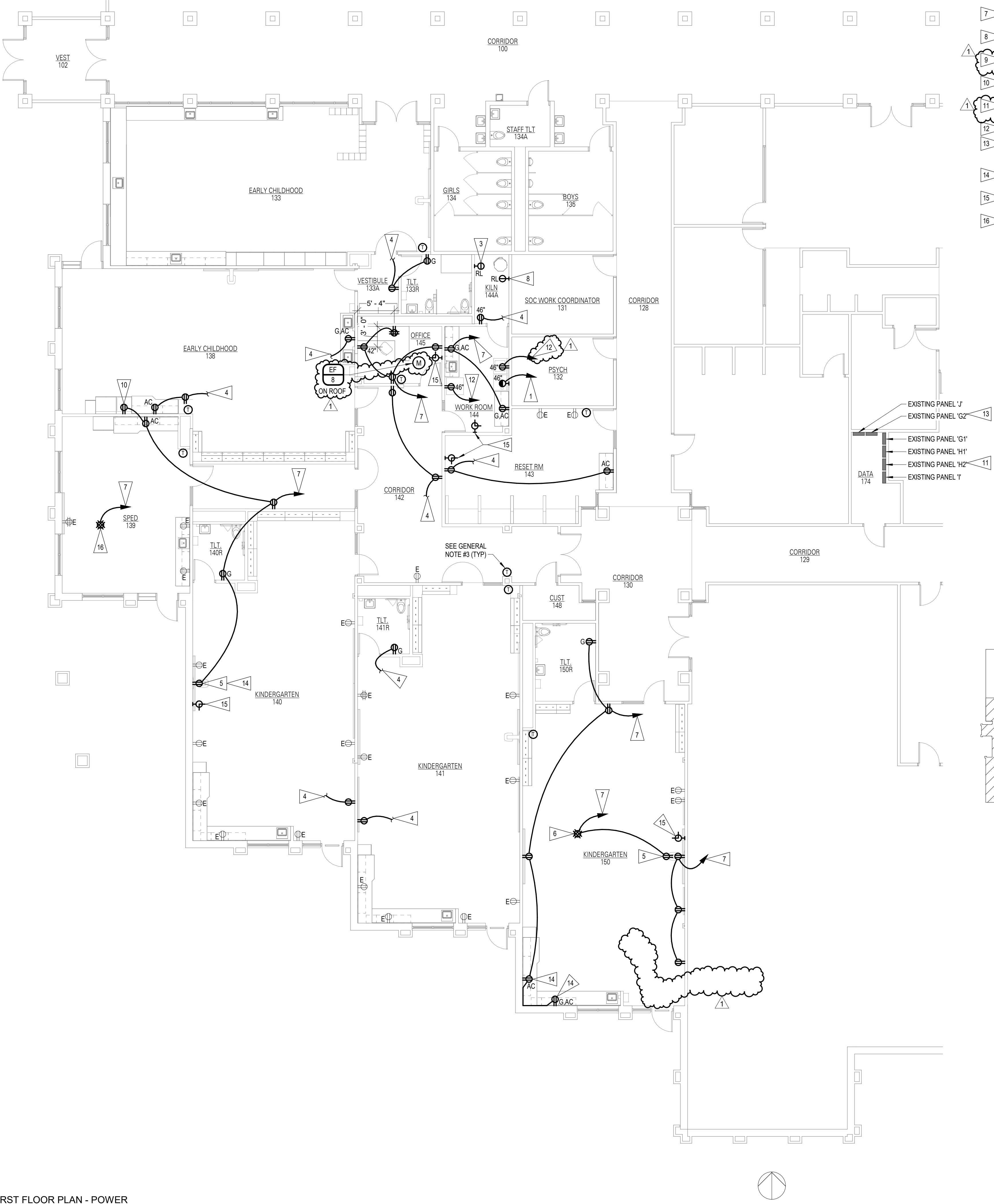
E1-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

MECHANICAL / ELECTRICAL COORDINATION SCHEDULE															
ABBREVIATIONS:															
A	AMPS	C	COMBINATION STARTER AND SAFETY SWITCH			S	SWITCH			N1	NEMA 1				
ENCL	ENCLOSURE	CB	CIRCUIT BREAKER			SF	SWITCH AND FUSTAT			N3R	NEMA 3R				
HP	HORSEPOWER	CP	CONTROL PANEL			SS	SAFETY SWITCH			N4X	NEMA 4X				
KW	KILOWATTS	C+P	CORD AND PLUG			T	LINE VOLTAGE THERMOSTAT								
PH	PHASE	I	INTEGRAL WITH EQUIPMENT			VFC	VARIABLE FREQUENCY CONTROLLER			SCCR	SHORT CIRCUIT CURRENT RATING				
V	VOLTAGE	NF	NON-FUSED			EC	ELECTRICAL CONTRACTOR								
W	WATTS	OS	OCCUPANCY SENSOR			MC	MECHANICAL CONTRACTOR								
EQUIPMENT			ELECTRICAL SYSTEM				DISCONNECT		LINE VOLTAGE CONTROLLER			AVAILABLE		REMARKS	
MARK	DESCRIPTION	LOAD	V	PH	FEEDER OR BRANCH CIRCUIT	PANEL - CIRCUIT	FURNISHED BY/ INSTALLED BY	TYPE	RATING (AMPS)	ENCL	FURNISHED BY/ INSTALLED BY	TYPE	ENCL		FAULT CURRENT (AMPS)
EF-8	EXHAUST FAN	1/10 HP	120	1	REMARK 1	SEE PLANS	REMARK 2	-	-	-	MC/MC	-	-	-	

- GENERAL NOTES:
- a VERIFY/COORDINATE RATINGS FOR EQUIPMENT SUPPLIED BY THE SELECTED MANUFACTURER. WHERE RATINGS ARE OTHER THAN AS REQUIRED FOR SPECIFIED UNIT, DISCONNECTS, MOTOR STARTERS, OVERCURRENT DEVICES AND RELATED REVISIONS SHALL BE PROVIDED ACCORDINGLY. THE CONTRACTOR THAT FURNISHES EQUIPMENT WITH RATINGS OTHER THAN AS NOTED SHALL BE RESPONSIBLE FOR COORDINATION AND COSTS FOR REVISIONS TO ACCOMMODATE SELECTED EQUIPMENT.
- b SHORT CIRCUIT CURRENT RATING (SCCR) OF EQUIPMENT SHALL BE EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT LISTED. SHORT CIRCUIT CURRENT RATING APPLIES TO EQUIPMENT AND DISCONNECT.
- c FRACTIONAL HORSEPOWER SINGLE PHASE MOTORS SHALL BE PROVIDED WITH INTEGRAL OVERLOAD PROTECTION.
- d DISCONNECTS SHALL BE FUSIBLE UNLESS NOTED OTHERWISE.
- e ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT TO EQUIPMENT AS INDICATED.
- f WHERE DISCONNECT IS NOT INDICATED ON PLANS, LOCATE AT EQUIPMENT PER NEC.

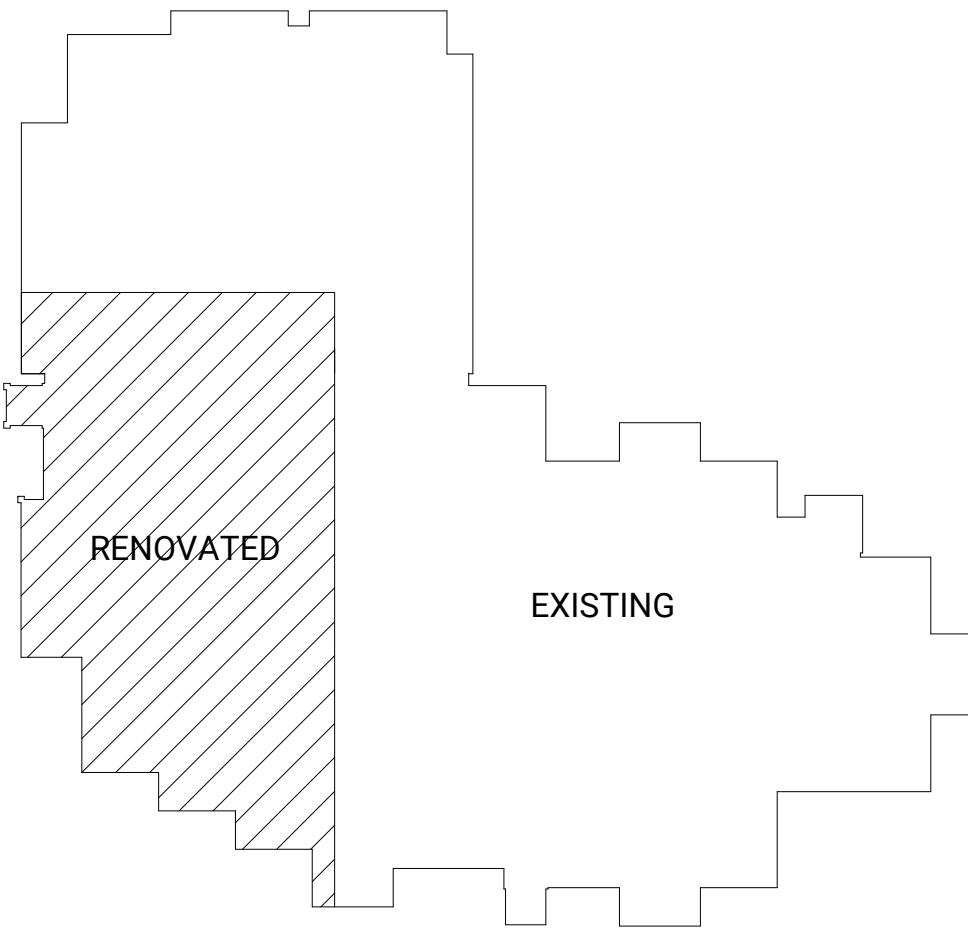
- REMARKS
- 1 UTILIZE EXISTING BRANCH CIRCUIT. EXTEND AND CONNECT TO NEW EXHAUST FAN.
- 2 DISCONNECT SWITCH SHIPPED LOOSE WITH EXHAUST FAN. ELECTRICAL CONTRACTOR TO INSTALL AND CONNECT DISCONNECT SWITCH.



- GENERAL NOTES:
1. 'E' INDICATES EXISTING DEVICE TO REMAIN IN PLACE. SHOWN FOR OWNER'S REFERENCE ONLY.
2. 'RL' INDICATES RELOCATED SALVAGED DEVICE. RECONNECT TO EXISTING CIRCUIT. EXTEND CONDUCTORS AND CONDUIT AS REQUIRED.
3. FOR EACH BUILDING MANAGEMENT SENSOR LOCATION (SYMBOL 1), ELECTRICAL CONTRACTOR SHALL PROVIDE A FLUSH JUNCTION BOX WITH VERTICAL 1-GANG RING AND 3/4" CONDUIT CONCEALED INSIDE WALL AND STUBBED UP INTO CLOSEST ACCESSIBLE CEILING SPACE. SEE MECHANICAL SHEET M2-1 FOR SENSOR LOCATIONS.

- FLAG NOTES
- 1 CONNECT TO EXISTING 30A2P CIRCUIT BREAKER IN PANEL 'H' SERVING EXISTING CLOTHES DRYER. PROVIDE 3 #10, #10 GND - 3/4" C.
- 2 CONNECT TO EXISTING 20A1P CIRCUIT BREAKER IN PANEL 'H' SERVING EXISTING CLOTHES WASHER.
- 3 INSTALL AND CONNECT SALVAGED NEMA 6-50R RECEPTACLE FOR KILN. RECONNECT TO EXISTING CIRCUIT SERVING THIS RECEPTACLE.
- 4 CONNECT TO EXISTING RECEPTACLE CIRCUIT SERVING THIS AREA / ROOM. RECONNECT TO EXISTING CIRCUIT SERVING THIS RECEPTACLE.
- 5 SHORT-THROW PROJECTOR RECEPTACLE. MOUNT AT 102" A.F.F. TO DEVICE CENTERLINE.
- 6 COORDINATE MOUNTING OF THESE RECEPTACLES AT THE AV 'GEARBOX'. SEE 'T' PLAN SHEETS FOR GEARBOX LOCATION. SEE DETAIL 12 ON SHEET 14-2.
- 7 CONNECT TO EXISTING 20A1P BRANCH BREAKER IN PANEL 'H' THAT BECAME SPARE AFTER DEMOLITION PROCESS.
- 8 INSTALL AND CONNECT SALVAGED SINGLE RECEPTACLE FOR KILN HOOD. RECONNECT TO EXISTING CIRCUIT SERVING THIS RECEPTACLE.
- 9 NOT USED.
- 10 LOCATE RECEPTACLE IN LOWER CABINET SPACE TO SERVE UNDER COUNTER REFRIGERATOR.
- 11 PROVIDE (2) NEW 20A1P GFCI BRANCH BREAKERS IN PANEL 'H2' TO SERVE REFRIGERATOR AND WASHING MACHINE IN WORK ROOM 144.
- 12 CONNECT TO NEW 20A1P GFCI BRANCH BREAKER IN PANEL 'H2'.
- 13 REMOVE 20A1P BRANCH BREAKER IN POLE 58 AND PROVIDE NEW 15A1P BRANCH BREAKER IN ITS PLACE. NEW BREAKER TO FEED NEW EF-8. INSTALL REMOVED 20A1P BREAKER IN EXISTING SPACE AND LABEL AS 'SPARE'.
- 14 SURFACE MOUNT RECEPTACLE ON EXISTING CMU WALL. PROVIDE WIREMOLD BOX AND V700 SURFACE METAL RACEWAY.
- 15 CONNECT NEW CLOCK TO EXISTING CLOCK SYSTEM WITH FOUR #12 CONDUCTORS: (1) HOT, (1) NEUTRAL, (1) GROUND, (1) RESET.
- 16 COORDINATE MOUNTING OF THESE RECEPTACLES AT THE NEW AV 'GEARBOX'. SEE 'T' PLAN SHEETS FOR GEARBOX LOCATION. SEE DETAIL 12 ON SHEET T4-2.

- EXISTING PANEL 'J'
- EXISTING PANEL 'G2'
- EXISTING PANEL 'G1'
- EXISTING PANEL 'H1'
- EXISTING PANEL 'H2'
- EXISTING PANEL 'T'
- DATA 174



BUILDING KEY PLAN

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1	Addendum #01	11/30/2023
#	Description	Date

LPS HUNTINGTON ELEMENTARY RENOVATION

BID # 10887

2900 N. 46th STREET, LINCOLN NE 68504

LINCOLN PUBLIC SCHOOLS

FIRST FLOOR PLAN - POWER, MECH / ELEC COORDINATION SCHEDULE

E2-1

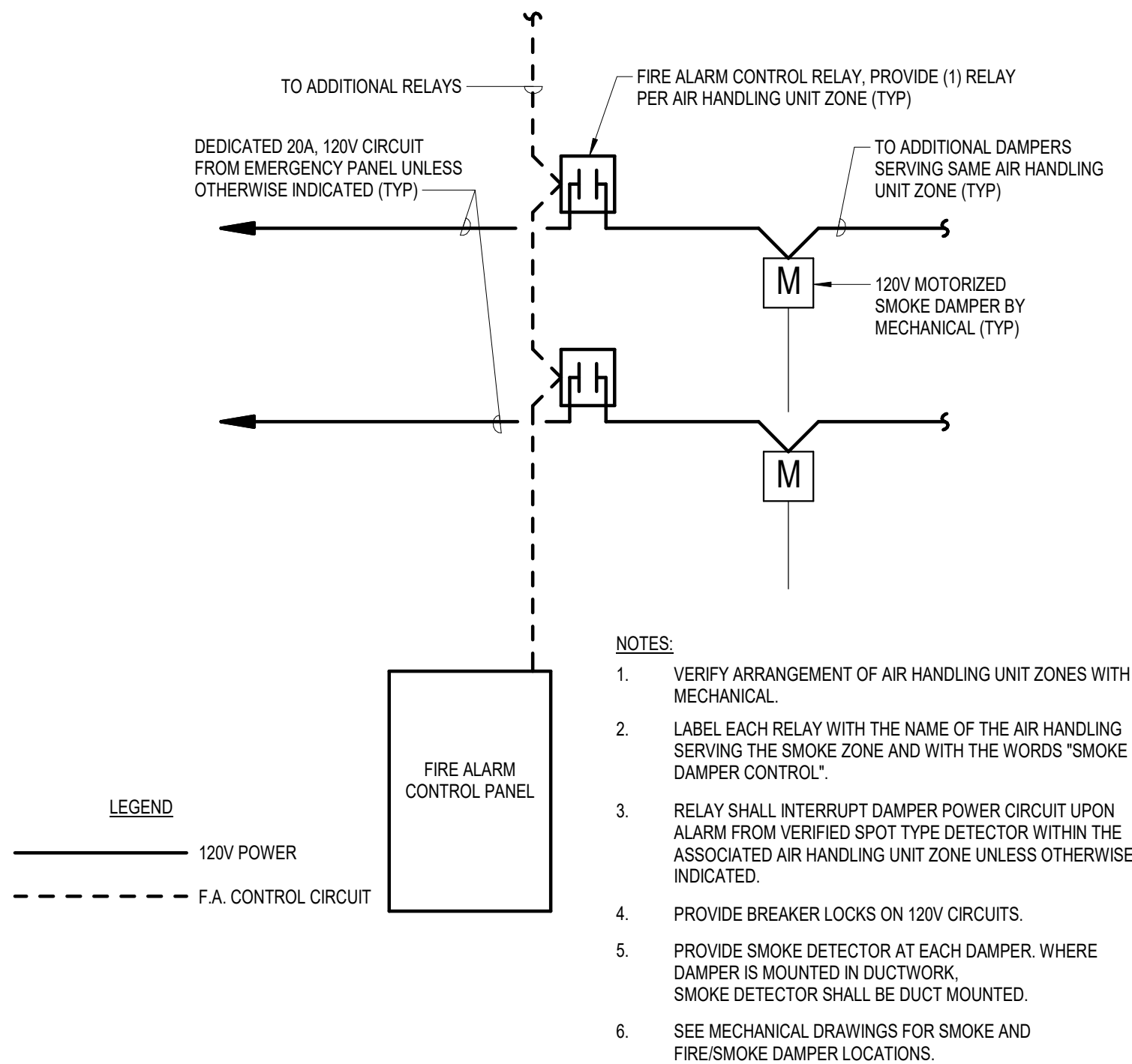
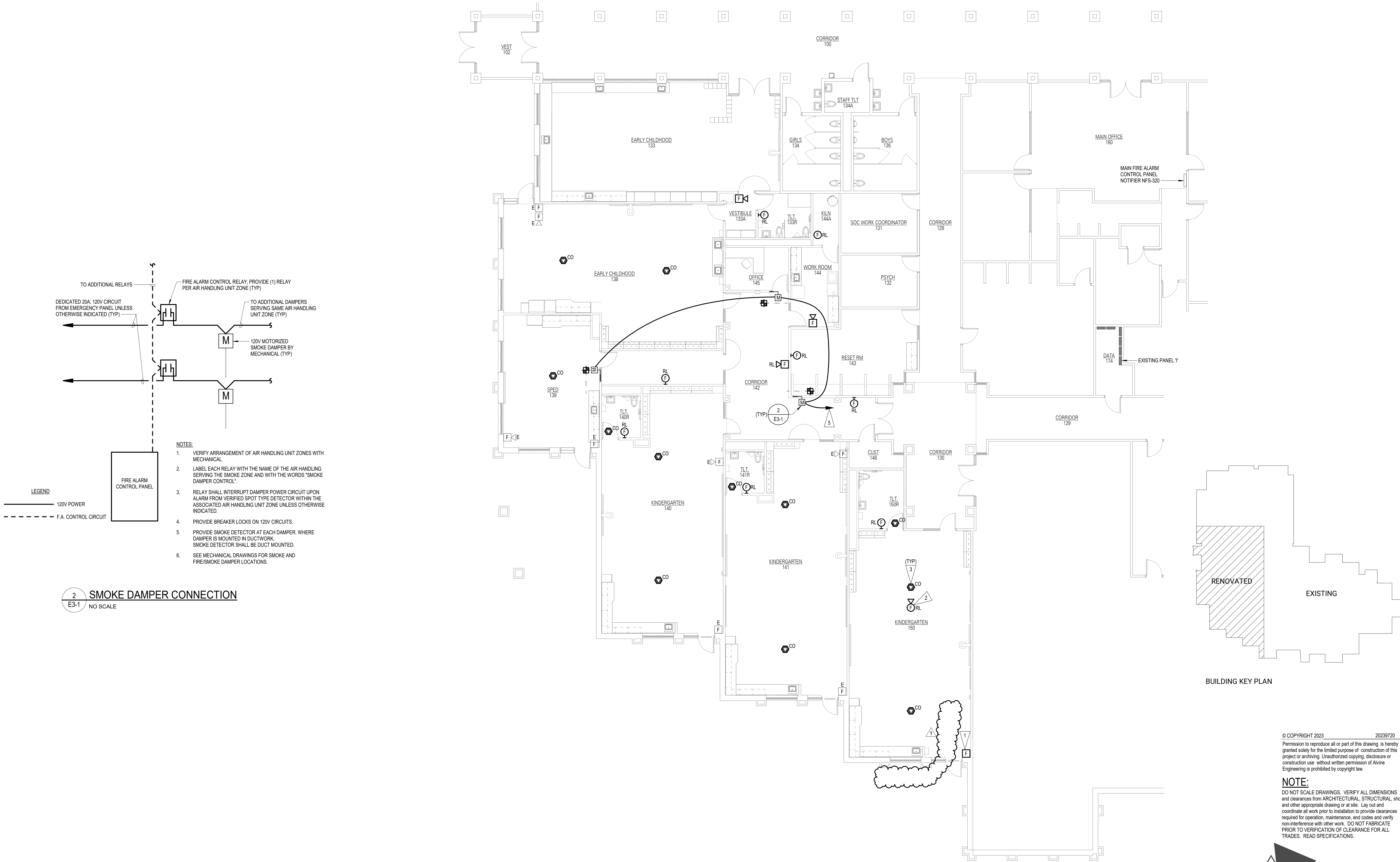
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GENERAL NOTES:

- 'RL' INDICATES RELOCATED SALVAGED DEVICE. RECONNECT TO EXISTING CIRCUIT OR CABLING. EXTEND CONDUCTORS / CONDUIT AS REQUIRED.
- 'E' INDICATES EXISTING DEVICE TO REMAIN IN PLACE. SHOWN FOR AHU REFERENCE.

FLAG NOTES

- 1 PROVIDE AN ALARMED PROTECTIVE COVER OVER MANUAL PULL STATION. SEE SPECIFICATIONS.
- 2 MOUNT EXISTING DEVICE IN NEW CEILING TILE.
- 3 CONNECT NEW CARBON MONOXIDE DETECTOR TO EXISTING FIRE ALARM AND DETECTION SYSTEM.
- 4 NOT USED.
- 5 PROVIDE A NEW POWER CIRCUIT TO EXISTING PANEL 'T'. CONNECT TO EXISTING 20A/1P SPARE BRANCH BREAKER.



2 SMOKE DAMPER CONNECTION
E3-1 NO SCALE

1 FIRST FLOOR PLAN - FIRE ALARM
E3-1 1/8" = 1'-0" 0' 1' 8' 16'

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FIRST FLOOR PLAN - FIRE ALARM

E3-1

CONSTRUCTION DOCUMENTS

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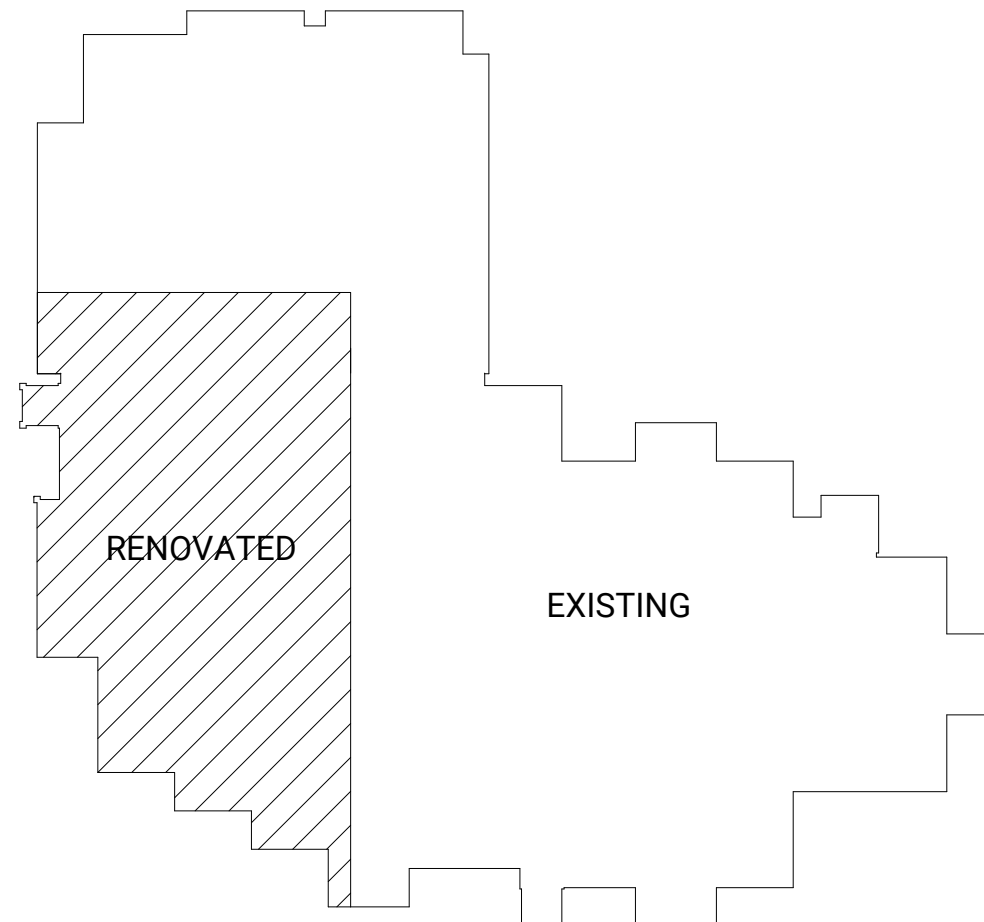
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1 FIRST FLOOR PLAN - TELECOMMUNICATIONS
1/8" = 1'-0" 0' 8' 16'

- GENERAL NOTES**
- REFER TO SHEET T0-0 FOR TELECOM SYMBOLS AND ABBREVIATIONS.
 - REFER TO T3 SERIES SHEETS FOR TELECOM RISER INFORMATION.
 - REFER TO T4 SERIES SHEETS FOR TELECOM DETAILS.
 - REFER TO T5 SERIES SHEETS FOR TELECOM SCHEDULES.
 - REFER TO PATHWAY DETAILS ON T4-1 FOR ADDITIONAL INFORMATION AND CONDUIT SLEEVE REQUIREMENTS INTO EACH ROOM.
- FLAG NOTES**
- ROUTE ALL NEW DATA AND INTERCOM CABLING TO DATA 174. UTILIZE EXISTING PATHWAYS AND CABLE TRAY TO THE TELECOM ROOM.
 - 2x2 RECESSED AV GEAR BOX. LOCATE PER REFLECTED CEILING PLAN. SEE DETAIL 12174-2.
 - LOCATE WIRELESS ACCESS POINT AS CLOSE AS POSSIBLE TO CENTER OF CLASSROOM. PROVIDE (2) CAT 6A PATCH CORDS FROM AV GEAR BOX WITHIN ROOM. SEE DETAIL 10174-2.
 - PROVIDE BLANK 4"x4" COMMUNICATIONS BOX AT 48" WITH 1-GANG TRIM RING. SEE DETAIL 11174-2.
 - SINGLE HDMI OUTLET WITH HDMI CABLE TO BOX ABOVE WHITE BOARD. SEE DETAIL 11174-2.
 - CLASSROOM AMPLIFICATION INTERCOM SYSTEM AND SPEAKER PROVIDED BY LINCOLN PUBLIC SCHOOLS.
 - SINGLE HDMI OUTLET WITH HDMI CABLE TO BOX HDMI OUTLET AT TEACHING WALL. PROVIDE (1) CAT 6 PATCH CORDS FROM AV GEAR BOX WITHIN ROOM TO PROJECTOR OUTLET. SEE DETAILS 11174-2 AND 5174-2.
 - EXISTING WIRELESS ACCESS POINT AND CABLING TO REMAIN.
 - EXISTING AV GEAR BOX TO REMAIN. PROVIDE NEW PATCH CABLING PER DETAIL 12174-2.
 - PROVIDE DATA OUTLET FOR FUTURE ACCESS CONTROL DOOR PER DETAIL 10174-1.
 - PROVIDE ROUGH-IN FROM ABOVE ACCESSIBLE CEILING INTO THE DOOR FRAME FOR FUTURE ACCESS CONTROL PER DETAIL 1174-3.



BUILDING KEY PLAN

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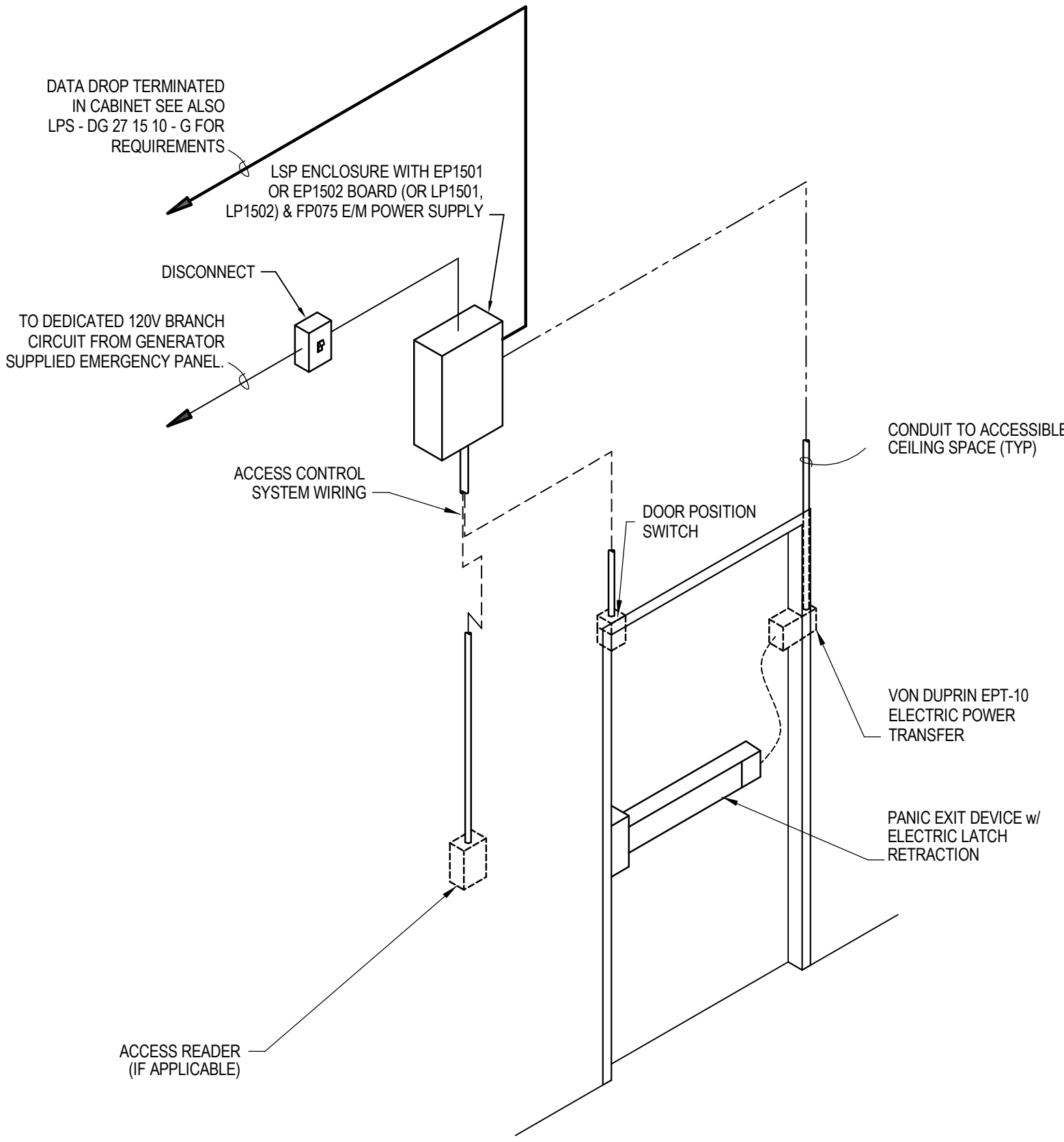
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LINCOLN PUBLIC SCHOOLS

FIRST FLOOR PLAN - TELECOMMUNICATIONS

T1-1

CONSTRUCTION DOCUMENTS
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TYPICAL ACCESS CONTROL INSTALLATION -
INTERIOR SWING DOORS IN EXIT PATHWAY

NO SCALE

1
T4-3

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TELECOMMUNICATIONS
DETAILS

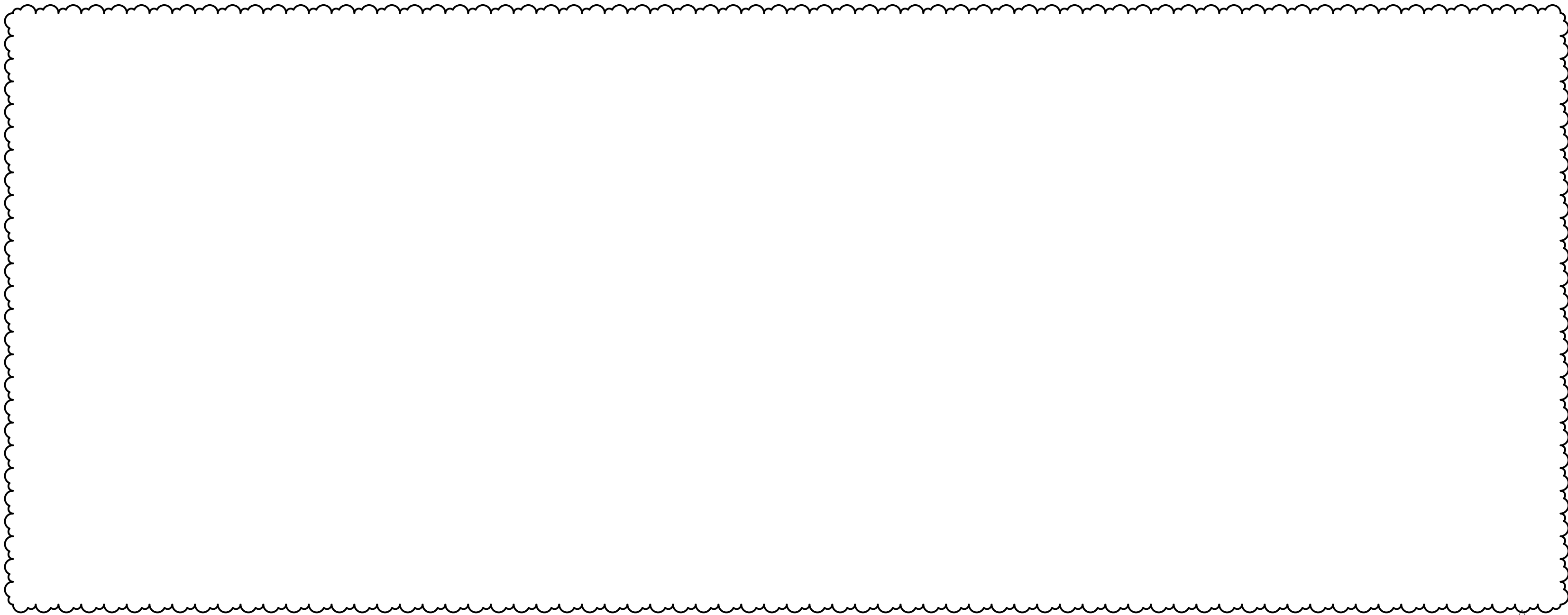
T4-3

CONSTRUCTION DOCUMENTS
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SPECIAL SYSTEMS-ELECTRICAL ROUGH-IN AND CONDUIT REQUIREMENTS									
SYMBOL ATTRIBUTE	TYPE	DESCRIPTION	ELECTRICAL ROUGH-IN BOX	BACK BOX DEPTH	ELECTRICAL PLASTER RING	CONDUIT/PATHWAY SIZE	MOUNTING HEIGHTS	REMARKS	NOTES
R1	RECESSED - WALL	FLUSH WALL MOUNT OUTLET	4-SQUARE DEEP	2-1/8"	1-GANG	(1) 1"	18" AFF, UNO	1A	-
R2	SURFACE - WALL	SURFACE MOUNT OUTLET (PATHWAY TO BLANK BOX)	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	18" AFF	9A,10A,15A	-
R3	SURFACE - WALL	SURFACE MOUNT OUTLET	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	46" AFF	4A,9A,10A	-
R4	SURFACE - WALL	SURFACE MOUNT OUTLET	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	102" AFF	9A,10A	-
R5	SURFACE - WALL	SURFACE MOUNT OUTLET (PATHWAY TO BLANK BOX)	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	18" AFF	9A,10A,16A	-
R6	SURFACE - WALL	SURFACE MOUNT OUTLET	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	46" AFF	4A,9A,10A	-
R7	SURFACE - WALL	SURFACE MOUNT OUTLET (VOLUME CONTROL OUTLET)	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	46" AFF	4A,9A,10A	
R8	SURFACE - WALL	SURFACE MOUNT OUTLET (INTERCOM CALL SWITCH)	WIREMOLD V2444 OR APPROVED EQUAL	-	-	(1) 1" / 2-PIECE STEEL SURFACE RACEWAY	46" AFF	4A,9A,10A	

- GENERAL NOTES:
- FIRESTOP ALL CONDUIT AND PATHWAY WALL PENETRATIONS.
 - COORDINATE INSTALLATION REQUIREMENTS WITH ARCHITECTURAL DRAWINGS, UNLESS NOTED OTHERWISE.
 - PROVIDE A PULL STRING AT BOTH CONDUIT PATHWAY ENDS FOR EACH OUTLET. LABEL END OF PULL STRING WITH OUTLET IDENTIFICATION. REFER TO OUTLET FACEPLATE LABEL DETAILS.
 - COORDINATE MOUNTING HEIGHT TO MATCH ADJACENT DEVICES WHERE APPLICABLE. STANDARD OUTLET IS 18" AFF, UNLESS NOTED OTHERWISE.
 - PROVIDE BLANK COVER PLATE FOR UNUSED ROUGH-INS.
 - USE MANUFACTURER KNOCK-OUTS WITH SURFACE MOUNT OUTLETS. VERIFY ORIENTATION OF SURFACE MOUNT BOX KNOCK-OUTS PRIOR TO INSTALLATION.
 - LABEL END OF CABLE PATHWAY CONDUIT WITH OUTLET FACEPLATE LABEL.
 - PROVIDE GROUND BUSHING AT END OF EACH CONDUIT STUB-OUT.

- REMARKS:
- TERMINATE CONDUIT ABOVE NEAREST ACCESSIBLE CEILING WITHIN SAME ROOM (UNO).
 - TERMINATE CONDUIT FROM WALL OR CEILING OUTLET ABOVE CEILING WITHIN 12" OF NEAREST CABLE TRAY. PROVIDE #12 BONDING JUMPER FROM CONDUIT TO CABLE TRAY.
 - SEE ELECTRICAL DRAWINGS FOR POWER AND ADDITIONAL REQUIREMENTS.
 - MOUNTING HEIGHT TO MATCH ELECTRICAL SWITCH HEIGHT.
 - ROUTE CONDUIT FROM DATA COMPARTMENT OF FLOOR BOX TO ABOVE ACCESSIBLE CEILING WITHIN SAME ROOM (UNO). REFER TO FLOOR BOX SCHEDULE FOR ADDITIONAL INFORMATION.
 - ROUTE CONDUIT FROM AV COMPARTMENT OF FLOOR BOX TO WALL OUTLET ROUGH-IN BEHIND FLAT PANEL WALL DISPLAY IN SAME ROOM.
 - PROVIDE ACCESSIBLE CEILING TILE T-GRID OUTLET BOX SUPPORT HANGER ERICO SNAP-ON OR APPROVED EQUIVALENT.
 - WALL PHONE OUTLET. LOCATE AT 46" AFF. SEE WALL PHONE DETAIL ON DRAWINGS.
 - PROVIDE SURFACE RACEWAY AND OUTLET BOX WIREMOLD LEGRAND 2400 SERIES OR APPROVED EQUIVALENT. PROVIDE COVER CLIPS WHEN JOINING PIECES OF COVER.
 - PROVIDE CONDUIT FEED FITTING AT END OF RACEWAY (ABOVE ACCESSIBLE CEILING OR AT WALL PENETRATION).
 - INSTALL CABLE IN EXISTING WALL CAVITY AND PROVIDE PULL-STRING. REAM EDGES OF WALL CAVINITY TO PREVENT CABLE DAMAGE. PROVIDE GROMMET AT METAL STUD WALLS.
 - TERMINATE CABLE ON A 2-PORT PLENUM RATED SURFACE MOUNT BOX. PROVIDE SELF-ADHESIVE YELLOW DOT AT CEILING BELOW CABLE SLACK LOCATION. PROVIDE 20' CABLE SLACK.
 - VERIFY FACEPLATE STYLE PRIOR TO ORDERING.
 - INSTALL CABLE TO OUTLET IN WALL, USING EXISTING CABLE PATH.
 - ROUTE WIREMOLD TO R3 ROUGH-IN LOCATED ABOVE.
 - ROUTE WIREMOLD CONDUIT TO R6 ROUGH-IN LOCATED ABOVE.
 - DATA/AV FACEPLATE SHALL BE LOCATED AT TOP OF ENCLOSURE. ELECTRICAL POWER OUTLET LOCATED AT BOTTOM OF ENCLOSURE.



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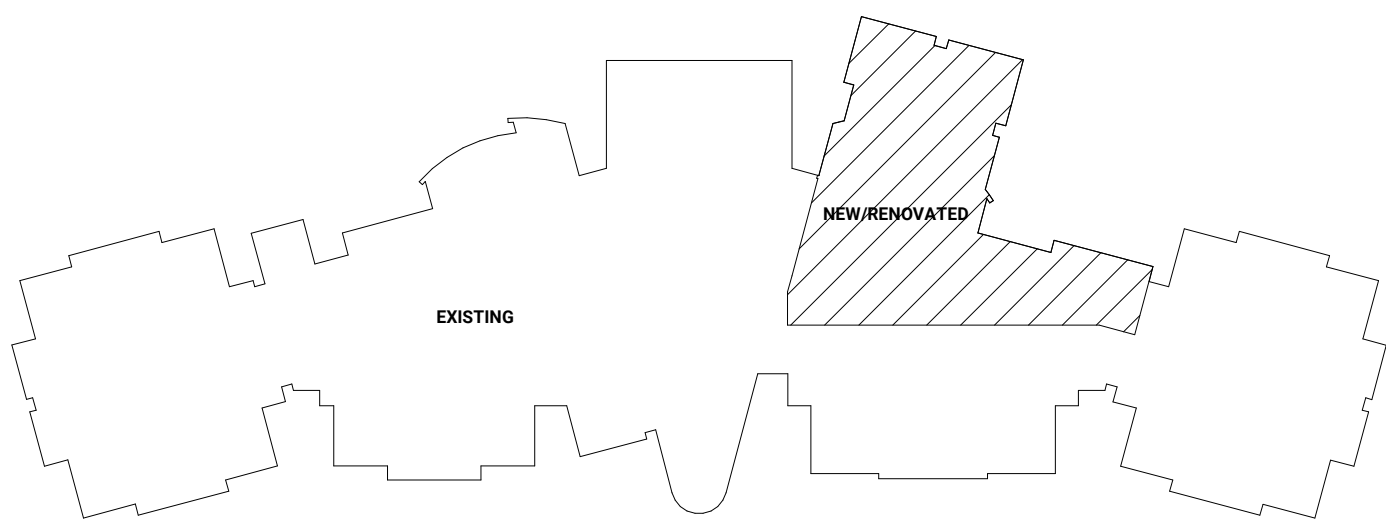
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LINCOLN PUBLIC SCHOOLS

TELECOMMUNICATIONS SCHEDULES

T5-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023



KEY PLAN




DEMOLITION SALVAGE NOTES

NOTES APPLY TO SHEETS AD1-1 ONLY. NOTES MAY NOT BE USED ON EACH SHEET. * OWNER HAS FIRST RIGHTS TO ALL SALVAGED MATERIAL.

- 1 SALVAGE EXISTING LIBRARY SHELVING. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 2 SALVAGE EXISTING WORKROOM 309A CASEWORK. EXISTING COUNTERTOP TO BE REMOVED. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 3 SALVAGE EXISTING CUBBIES. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 4 SALVAGE EXISTING MARKER BOARD. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 5 IN AREAS SHOWN HATCHED  REMOVE EXISTING CEILING HUNG AIRPLANES. TURN OVER TO OWNER.
- 6 SALVAGE LED PLANE TRACK W/ LIGHTS. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS. SEE ELEC. DRAWINGS FOR ADDITIONAL INFORMATION.
- 7 SALVAGE EXISTING FACE BRICK. INSTALL SALVAGED BRICK AS CALLED OUT IN PLAN DETAILS. CONFIRM QUANTITIES WITH NEW CONSTRUCTION.
- 8 SALVAGE EXISTING SHORT THROW PROJECTOR. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 9 EXISTING MEDIA OFFICE 305A CASEWORK. EXISTING COUNTERTOP TO BE REMOVED. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 10 SALVAGE BOOK TRUCK. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 11 SALVAGE ATC CLOUD PERIMETER TRIM. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 12 SALVAGE EXISTING A/V STORAGE 305B CASEWORK. EXISTING COUNTERTOP TO BE REMOVED. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 13 SALVAGE EXISTING DOOR AND HARDWARE. RELOCATE AS SHOWN ON ARCHITECTURAL PLANS.
- 14 SALVAGE EXISTING SHORT THROW PROJECTOR. TURN OVER TO OWNER.

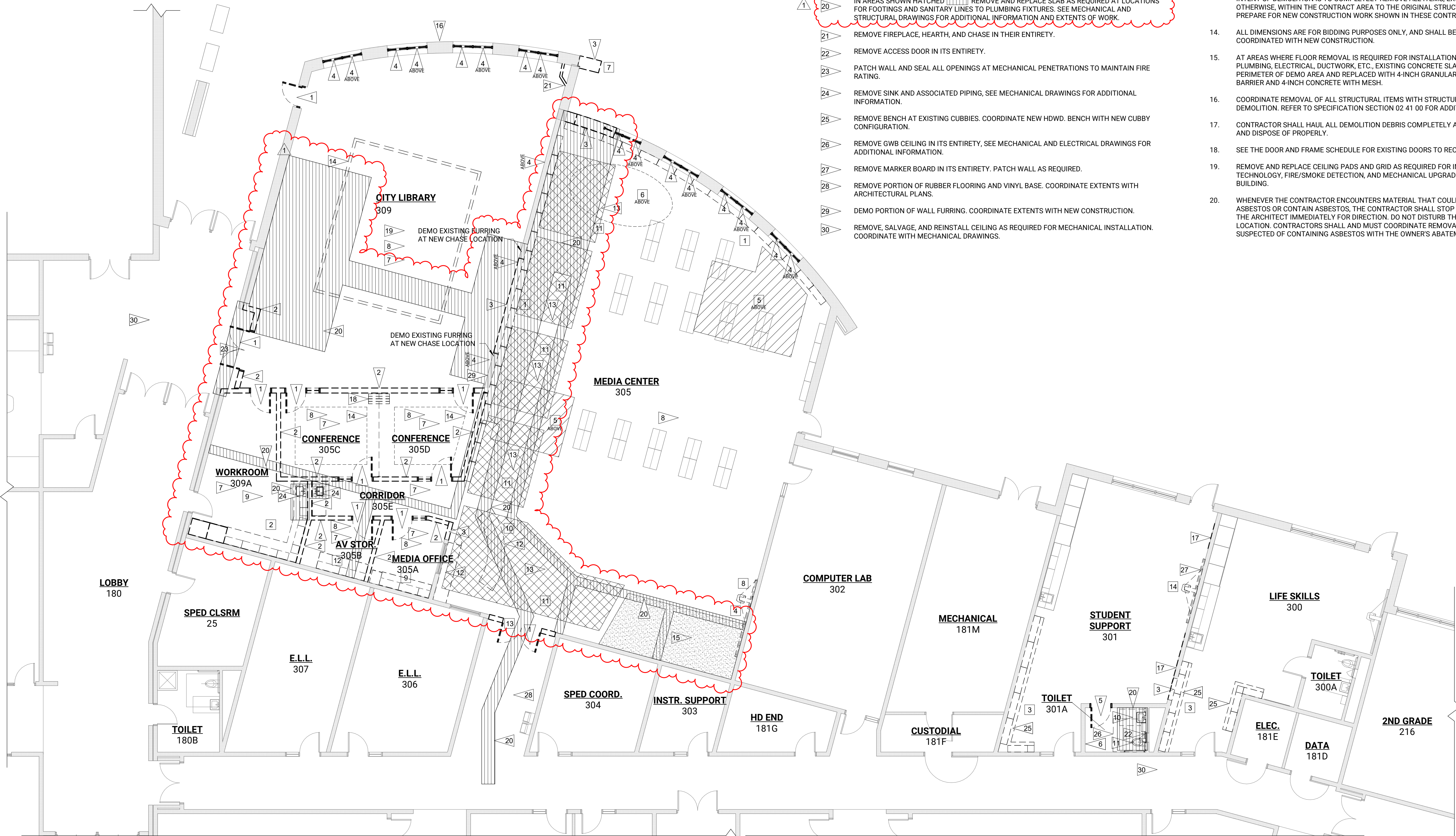
DEMOLITION FLAG NOTES

FLAG NOTES APPLICABLE TO SHEET AD1-1 ONLY

- 1 REMOVE DOOR, FRAME AND ASSOCIATED HARDWARE IN THEIR ENTIRETY. PATCH DISTURBED AREAS AS REQUIRED.
- 2 REMOVE WALL IN ITS ENTIRETY ALONG WITH ANY BASE MATERIAL. PATCH DISTURBED AREAS AS REQUIRED.
- 3 REMOVE PORTION OF WALL, PATCH DISTURBED AREAS AS REQUIRED, COORDINATE EXTENTS OF REMOVAL WITH ARCHITECTURAL FLOOR PLANS, PROVIDE SHORING AS REQUIRED WHERE OPENINGS ARE CREATED.
- 4 REMOVE WINDOW, FRAME, SILL AND ASSOCIATED HARDWARE IN ITS ENTIRETY, PATCH EXISTING SURFACES AS NECESSARY TO MATCH ADJACENT EXISTING CONDITION.
- 5 REMOVE DOOR AND ASSOCIATED HARDWARE IN THEIR ENTIRETY. PATCH FRAME AS REQUIRED.
- 6 REMOVE WALL TILE THROUGHOUT ENTIRE ROOM AND PATCH WALL AS REQUIRED FOR NEW FINISH.
- 7 REMOVE ACOUSTICAL TILE CEILING AND ASSOCIATED GRID IN ITS ENTIRETY, SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 8 REMOVE CARPET FLOORING AND VINYL BASE IN ITS ENTIRETY & PREP FOR NEW FLOORING.
- 9 REMOVE RUBBER FLOORING AND VINYL BASE IN ITS ENTIRETY & PREP FOR NEW FLOORING.
- 10 REMOVE CERAMIC TILE FLOORING & PREP FOR NEW FLOORING.
- 11 REMOVE PLUMBING FIXTURES, ASSOCIATED TOILET ACCESSORIES, AND ASSOCIATED PLUMBING IN THEIR ENTIRETY. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 12 REMOVE EXISTING LIBRARY CIRCULATION DESK.
- 13 IN AREAS SHOWN HATCHED  REMOVE PORTION OF ATC CLOUD. COORDINATE EXTENTS WITH NEW CONSTRUCTION.
- 14 REMOVE GWB BULKHEAD IN ITS ENTIRETY. PATCH DISTURBED AREAS AS REQUIRED.
- 15 IN AREAS SHOWN HATCHED  REMOVE PORTION OF GWB BULKHEAD, PATCH DISTURBED AREAS AS REQUIRED.
- 16 REMOVE EXTERIOR BUILDING SIGNAGE FOR CITY LIBRARY.
- 17 REMOVE TACK BOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED.
- 18 REMOVE SLIDING PARTITION AND ASSOCIATED HARDWARE IN ITS ENTIRETY, PATCH EXISTING SURFACES AS NECESSARY TO MATCH ADJACENT EXISTING CONDITION.
- 19 REMOVE CEILING CLOUDS IN THEIR ENTIRETY.
- 20 IN AREAS SHOWN HATCHED  REMOVE AND REPLACE SLAB AS REQUIRED AT LOCATIONS FOR FOOTINGS AND SANITARY LINES TO PLUMBING FIXTURES. SEE MECHANICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EXTENTS OF WORK.
- 21 REMOVE FIREPLACE, HEARTH, AND CHASE IN THEIR ENTIRETY.
- 22 REMOVE ACCESS DOOR IN ITS ENTIRETY.
- 23 PATCH WALL AND SEAL ALL OPENINGS AT MECHANICAL PENETRATIONS TO MAINTAIN FIRE RATINGS.
- 24 REMOVE SINK AND ASSOCIATED PIPING, SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 25 REMOVE BENCH AT EXISTING CUBBIES. COORDINATE NEW HDWD. BENCH WITH NEW CUBBY CONFIGURATION.
- 26 REMOVE GWB CEILING IN ITS ENTIRETY, SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 27 REMOVE MARKER BOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED.
- 28 REMOVE PORTION OF RUBBER FLOORING AND VINYL BASE. COORDINATE EXTENTS WITH ARCHITECTURAL PLANS.
- 29 DEMO PORTION OF WALL FURRING. COORDINATE EXTENTS WITH NEW CONSTRUCTION.
- 30 REMOVE, SALVAGE, AND REINSTALL CEILING AS REQUIRED FOR MECHANICAL INSTALLATION. COORDINATE WITH MECHANICAL DRAWINGS.

DEMOLITION GENERAL NOTES

1. COORDINATE WITH MECHANICAL AND ELECTRICAL SHEETS FOR INFORMATION REGARDING NEW MECHANICAL PLUMBING AND ELECTRICAL ITEMS THAT REQUIRE EXISTING FLOOR SLAB, CEILING, AND WALL REMOVAL. ALSO SEE MECHANICAL AND ELECTRICAL SHEETS FOR REMOVAL OF ALL MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS. ALL PLUMBING FIXTURES, LIGHTING FIXTURES, AND OUTLETS SHALL BE CAPPED BELOW SLABS IN ACCORDANCE WITH PREVAILING CODE REQUIREMENTS.
2. DISCONNECT AND CAP ALL SERVICES (ELECTRICAL, MECHANICAL, AND PLUMBING) IN EXISTING WALLS, FLOORS, AND CEILINGS TO BE REMOVED.
3. THE OWNER SHALL HAVE THE FIRST RIGHT OF SALVAGE FOR ALL ITEMS BEING REMOVED OR DEMOLISHED. IF OWNER DECLINES, THE CONTRACTOR SHALL REMOVE FROM THE PREMISES AND DISPOSE OF PROPERLY. VERIFY OWNER'S INTENT PRIOR TO REMOVAL OR DEMOLITION.
4. REMOVE ALL WALLS, DOORS, WINDOWS, AND OTHER ITEMS SHOWN DASHED IN THE DRAWINGS. VERIFY THE SCOPE OF DEMOLITION WITH THE NEW CONSTRUCTION DRAWINGS. CONTRACTOR SHALL REMOVE ANY WALL OR ITEM NOT SPECIFICALLY DESIGNATED OR NOTED THAT WOULD BE REQUIRED TO PROVIDE A FINISHED PRODUCT AS PER THE PLANS AND SPECIFICATIONS.
5. SEE DEMOLITION DRAWINGS FOR SALVAGE ITEMS.
6. PATCH FLOORS IN AREAS OF DEMOLITION TO ACHIEVE A SMOOTH SURFACE FOR NEW FLOORING AND WALLS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES INDICATED ON THE ROOM FINISH SCHEDULE. FLOOR DEVIATIONS OVER 1/8" PER 5 FEET SHALL BE GROUND OUT OR FILLED TO ACHIEVE UNIFORM TRANSITION.
7. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO BIDDING TO DETERMINE THE TOTAL QUANTITIES AND SCOPE OF DEMOLITION THAT IS TO OCCUR.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO EXISTING MATERIALS TO REMAIN RESULTING FROM WORK UNDER THIS CONTRACT, AND SHALL RESTORE SUCH DAMAGE TO ITS ORIGINAL CONDITION.
9. ALL WALLS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING ALL ELECTRICAL OUTLETS, SWITCHES, AND CONDUITS, TELEPHONE OUTLETS, WIRING, MECHANICAL PIPING, BASES AND PLUMBING, ETC.
10. ALL WINDOWS INDICATED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING ALL WINDOW TREATMENTS, ETC., UNLESS NOTED OTHERWISE.
11. COORDINATE ALL DEMOLITION WORK BETWEEN ALL TRADES.
12. CONTRACTOR SHALL NOTIFY ARCHITECT IF DEMOLITION WORK APPEARS TO AFFECT THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING BEFORE PROCEEDING.
13. ALL INFORMATION SHOWN ON THE DEMOLITION PLAN, INCLUDING DOORS, WALLS, CHASES, EQUIPMENT, CEILINGS, ETC., ARE NOT INTENDED TO REPRESENT THE TOTAL SCOPE OF THE DEMOLITION CONTRACT. THE INTENT OF THESE DRAWINGS IS TO ASSIST THE GENERAL CONTRACTOR WITH ESTIMATION ONLY WITHOUT LIMITING DEFINITION OF SCOPE. THE INTENT OF DEMOLITION IS TO COMPLETELY REMOVE ALL ITEMS, EXCEPT AS NOTED OTHERWISE, WITHIN THE CONTRACT AREA TO THE ORIGINAL STRUCTURE AS NECESSARY TO PREPARE FOR NEW CONSTRUCTION WORK SHOWN IN THESE CONTRACT DOCUMENTS.
14. ALL DIMENSIONS ARE FOR BIDDING PURPOSES ONLY, AND SHALL BE VERIFIED AND COORDINATED WITH NEW CONSTRUCTION.
15. AT AREAS WHERE FLOOR REMOVAL IS REQUIRED FOR INSTALLATION OF NEW FOOTINGS, PLUMBING, ELECTRICAL, DUCTWORK, ETC., EXISTING CONCRETE SLAB SHALL BE SAW CUT AT PERIMETER OF DEMO AREA AND REPLACED WITH 4-INCH GRANULAR FILL, 15 MIL. VAPOR BARRIER AND 4-INCH CONCRETE WITH MESH.
16. COORDINATE REMOVAL OF ALL STRUCTURAL ITEMS WITH STRUCTURAL PLANS PRIOR TO DEMOLITION. REFER TO SPECIFICATION SECTION 02 41 00 FOR ADDITIONAL LANGUAGE.
17. CONTRACTOR SHALL HAUL ALL DEMOLITION DEBRIS COMPLETELY AWAY FROM THE SITE AND DISPOSE OF PROPERLY.
18. SEE THE DOOR AND FRAME SCHEDULE FOR EXISTING DOORS TO RECEIVE NEW HARDWARE.
19. REMOVE AND REPLACE CEILING PADS AND GRID AS REQUIRED FOR INSTALLATION OF TECHNOLOGY, FIRE/SMOKE DETECTION, AND MECHANICAL UPGRADES THROUGHOUT THE BUILDING.
20. WHENEVER THE CONTRACTOR ENCOUNTERS MATERIAL THAT COULD POSSIBLY BE ASBESTOS OR CONTAIN ASBESTOS, THE CONTRACTOR SHALL STOP WORK AND CONTACT THE ARCHITECT IMMEDIATELY FOR DIRECTION. DO NOT DISTURB THE MATERIAL IN ITS LOCATION. CONTRACTORS SHALL AND MUST COORDINATE REMOVAL OF ANY ITEMS SUSPECTED OF CONTAINING ASBESTOS WITH THE OWNER'S ABATEMENT CONTRACTOR.



1 FIRST FLOOR DEMOLITION PLAN
AD1-1 1/8" = 1'-0" 0' 1' 8' 16'



PROJECT TEAM

ARCHITECTURE + INTERIORS

BCDM ARCHITECTS
1015 North 98th Street, Suite 300
Omaha, NE 68114
CA Number: CA-0271

CIVIL ENGINEER

LAMP RYNEARSON
14710 W. Dodge Rd, Suite 100
Omaha, NE 68154
CA Number: CA-0130

STRUCTURAL ENGINEER

PERFORMANCE ENGINEERING
11811 Fort St #104
Omaha, NE 68164
CA Number: CA-2455

MECHANICAL + ELECTRICAL ENGINEER

ALVINE ENGINEERING
1220 Lincoln Mall, Suite 200
Lincoln, NE 68508
CA Number: CA-2169



1	Addendum No. 1	11/30/2023
#	Description	Date

LPS ARNOLD
ELEMENTARY
- ADDITION &
RENOVATION

BID # 10887









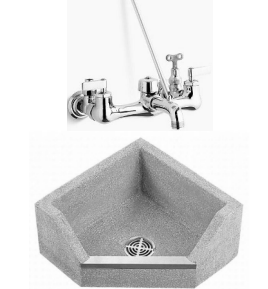


5000 MIKE SCHOLL STREET,
LINCOLN, NE 68524

LINCOLN PUBLIC
SCHOOLS

DEMOLITION PLAN

AD1-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

PLUMBING EQUIPMENT AND CONNECTION SCHEDULE										PLUMBING EQUIPMENT AND CONNECTION SCHEDULE									
SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS										SEE SPECIFICATIONS FOR APPROVED MANUFACTURERS									
MARK	DESCRIPTION	BASIS OF DESIGN			CONNECTION DETAILS					MARK	DESCRIPTION	BASIS OF DESIGN			CONNECTION DETAILS				
DSN-1 DOWN SPOUT NOZZLE	NICKEL BRONZE, WITH THREADED INLET AND WALL FLANGE COVER.	JR SMITH 1770			WASTE	VENT	CW	HW		BD-1 ROOF DRAIN	COMPLY WITH ASME A112.6.4. ROOF DRAIN WITH CAST IRON BODY, COMBINATION FLASHING RING AND GRAVEL STOP, SUMP RECEIVER, UNDERDECK CLAMP AND CAST IRON DOME.	JR SMITH 1010			WASTE	VENT	CW	HW	
					-	-	-	-							-	-	-	-	
					REMARKS:										REMARKS:				
																			
FD-1 FLOOR DRAIN	COMPLY WITH ASME A112.6.3. CAST IRON BODY AND TRAP, AND SQUARE ADJUSTABLE NICKEL BRONZE STRAINER. PROVIDE FLASHING CLAMP WHERE REQUIRED FOR FLOORING.	JR SMITH 2010			WASTE	VENT	CW	HW		S-1 SINK	SINGLE BOWL CLASSROOM SINK PACKAGE, SELF-RIMMING, COUNTER MOUNTED, 18 GAUGE TYPE 302 (18-8) STAINLESS STEEL, ADA COMPLIANT, WITH FAUCET AND BUBBLER LEDGES, SOUND DEADENING UNDERCOATING, PUNCHED TO MATCH FAUCET AND BUBBLER. DRAIN: CRUMB CUP STRAINER, SIZE: 22"x19"x5 1/2" DEEP. FAUCET: POLISHED CHROME, DUAL LEVER WITH 8" SWING SPOUT REACH FAUCET WITH AERATOR AND 10" SPOUT HEIGHT. BUBBLER: CHROME PLATED BRASS, FLEXIBLE BUBBLER GUARD, ADJUSTABLE WATER VOLUME CONTROL.	FIXTURE: ELKAY "LUSTERTONE" D9WR220 FAUCET: ELKAY LKD2439 BUBBLER: ELKAY LK1114A			WASTE	VENT	CW	HW	
					2"	2"	-	-							2"	1 1/2"	1/2"	1/2"	
					REMARKS:										REMARKS:				
																			
ES-1 FLOOR SNK	COMPLY WITH ASME A112.6.3. 6" DEEP CAST IRON FLANGED RECEPTOR WITH SEEPAGE VALVES, AND ACID-RESISTANT COATED INTERIOR. 8 1/2" SQUARE NICKEL BRONZE RIM AND SECURED [FULL] [1/2] [3/4] [RECESSED] [INSERT OTHER] GRATE AND ALUMINUM DOME BOTTOM STRAINER. [PROVIDE FLASHING CLAMP.]	JR SMITH 3100			WASTE	VENT	CW	HW		S-2 SINK	FIXTURE: SINGLE BOWL, SELF-RIMMING, COUNTER MOUNTED, 18 GAUGE TYPE 302 (18-8) STAINLESS STEEL WITH FAUCET LEDGE, SOUND DEADENING UNDERCOATING, PUNCHED TO MATCH FAUCET AND BUBBLER. DRAIN: CRUMB CUP STRAINER, SIZE: 22"x19"x5 1/2" DEEP. FAUCET: POLISHED CHROME, DUAL LEVER WITH 8" SWING SPOUT REACH FAUCET WITH AERATOR AND 10" SPOUT HEIGHT. 1.5 GAL/MIN FLOW RATE AND 60 PSI PRESSURE.	FIXTURE: ELKAY "LUSTERTONE" LKD2219 FAUCET: ELKAY LKD2442C			WASTE	VENT	CW	HW	
					-	-	-	-							2"	1 1/2"	1/2"	1/2"	
					REMARKS:										REMARKS:				
																			
L-1 LAVATORY	FIXTURE: WHITE, VITREOUS CHINA, WALL HUNG, WITH OVERFLOW AND CONCEALED ARM CARRIER, MOUNT AT ACCESSIBLE HEIGHT, SIZE: 21x18" FAUCET: CHROME PLATED BRASS, SINGLE 4" LEVER HANDLE, 4" SPOUT WITH AERATOR, 0.5 GPM FLOW AND GRID DRAIN, CONCEALED ARM WALL SUPPORTED CARRIER WITH HARDWARE TO MATCH FIXTURE.	FIXTURE: KOHLER "KINGSTON" K-2005 FAUCET: MOEN C48434			WASTE	VENT	CW	HW		WC-1 WATER CLOSET	FIXTURE: WALL HUNG, SIPHON JET, VITREOUS CHINA, ELONGATED BOWL, TOP SPUD, 2 1/8" PASSAGEWAY, WHITE VALVE, OSCILLATING LEVER HANDLE, DIAPHRAGM TYPE, 1.6 GALLONS PER FLUSH, SEAT: SOLID PLASTIC, ELONGATED, BLACK, CHECK HINGE, OPEN FRONT WITHOUT COVER, CARRIER FOR STANDARD MOUNTING HEIGHT, FACEPLATES, COUPLINGS WITH GASKETS, FEET, FIXTURE BOLTS, AND HARDWARE MATCHING FIXTURE.	FIXTURE: KOHLER "KINGSTON" K-8432S VALVE: SLOAN "ROYAL" 111-1.6 SEAT: STRONGHOLD K4751GC			WASTE	VENT	CW	HW	
					1 1/4"	1 1/4"	1/2"	1/2"							4"	2"	1"	-	
					REMARKS:										REMARKS:				
																			
MS-1 MOP SNK	FIXTURE: FLOOR MOUNTED, ONE PIECE, PRECAST TERRAZZO, DROP FRONT, STAINLESS STEEL STRAINER, SIZE: 24"x24"x12" DEEP. FAUCET: CHROME PLATED WITH 6 1/2" INCH THREADED SPOUT, LEVER HANDLES, VACUUM BREAKER, LOOSE KEY CHECK STOPS IN SHANKS, PAUL HOOK, WALL BRACE, RUBBER HOSE, AND WALL HOOK.	FIXTURE: KOHLER "KINLOCK" K-808			WASTE	VENT	CW	HW		WH-1 WALL HYDRANT	ASSE 1019, SELF DRAINABLE WITH INTEGRAL NON-REMOVABLE HOSE CONNECTION VACUUM BREAKER, CASING AND OPERATING ROD TO MATCH WALL THICKNESS, PROJECTING OUTLET, AND WALL CLAMP. CLASSIFICATION: TYPE B, FOR AUTOMATIC DRAINING WITH HOSE REMOVED OR WITH HOSE ATTACHED AND NOZZLE CLOSED. NOZZLE AND WALL PLATE FINISH: POLISHED NICKEL.	ZURN 1310			WASTE	VENT	CW	HW	
					3"	1 1/2"	3/4"	3/4"							-	-	3/4"	-	
					REMARKS:										REMARKS:				
																			
OD-1 OVERFLOW DRAIN	COMPLY WITH ASME A112.6.4. OVERFLOW DRAIN WITH 2" EXTERNAL WATER DAM, CAST IRON BODY, COMBINATION FLASHING RING AND GRAVEL STOP, SUMP RECEIVER UNDERDECK CLAMP, AND CAST IRON DOME.	JR SMITH 1080			WASTE	VENT	CW	HW							-	-	-	-	
					-	-	-	-							REMARKS:				
																			



PACKAGED ENERGY RECOVERY VENTILATOR SCHEDULE																			
MARK	SERVES	LOCATION	OUTSIDE/SUPPLY AIR						EXHAUST AIR						DIMENSIONS (LxWxH) (IN.)	OPERATING WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	REMARKS
			CFM	ESP (W.G.)	SUMMER		WINTER		CFM	ESP (W.G.)	SUMMER		WINTER						
					EAT °F (DB/WB)	LAT °F (DB/WB)	EAT °F (DB)	LAT °F (DB)			EAT °F (DB/WB)	LAT °F (DB/WB)	EAT °F (DB/WB)	LAT °F (DB/WB)					
ERV-9	SEE PLANS	SEE PLANS	900	0.75	95/78	81/70	-10	44.8	900	0.75	75/63	88.8/72.3	70/50	15.5/14.1	62.5 x 38.25 x 44.75	750	ALDES	PE15	1,2,3

- REMARKS:
- MANUFACTURER SHALL COORDINATE TEMPERATURE CONTROLS WITH OWNER/TEMPERATURE CONTROLS CONTRACTOR AND SPECIFICATION 230900.
 - ERV SHALL INCLUDE 2" PLEATED MERV 13 FILTERS OUTDOOR AIR FILTERS AND 2" PLEATED MERV 8 EXHAUST AIR FILTERS.
 - SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E5-1 FOR ELECTRICAL DATA.

WATER SOURCE HEAT PUMP SCHEDULE																								
MARK	CONFIGURATION	AIRFLOW (CFM)	OUTSIDE AIR (CFM)	EXT S.P. (IN. W.C.)	REFRIGERANT	CONDENSER WATER FLOW (GPM)	MAX WPD (FT)	FLUID	COOLING DATA				HEATING DATA				DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)	MANUFACTURER	MODEL	CONDENSATE DRAIN SIZE (IN)	BRANCH SIZE (IN)	REMARKS	
									TOTAL (MBH)	SENSIBLE COOLING (MBH)	EWT (°F)	LWT (°F)	MINIMUM EER (1)	HEATING (MBH)	EWT (°F)	LWT (°F)								MIN COP (1)
HP-802	VERTICAL	770	350	0.50	R-410a	6.00	2.65	WATER	25.99	17.60	85	95.4	21	23.24	45	39	4.1	26.2"x22.5"x44.4"	303	WATER FURNACE	NV0826	3/4"	1"	2.3,4.5,6.7,8.9,10,11,12,17
HP-803	VERTICAL	770	350	0.50	R-410a	6.00	2.65	WATER	25.99	17.60	85	95.4	21	23.24	45	39	4.1	26.2"x22.5"x44.4"	303	WATER FURNACE	NV0826	3/4"	1"	2.3,4.5,6.7,8.9,10,11,12,17
HP-804	VERTICAL	1030	150	0.50	R-410a	7.5	3.16	WATER	27.24	21.06	85	95.4	21	23.24	45	39,61.5	4.1	26.2"x22.5"x44.4"	328	WATER FURNACE	NV0330	3/4"	1 1/4"	2.3,4.5,6.7,8.9,10,11,12,17
HP-805	VERTICAL	770	375	0.50	R-410a	6.00	2.65	WATER	25.99	17.60	85	95.4	21	23.24	45	39	4.1	26.2"x22.5"x44.4"	303	WATER FURNACE	NV0826	3/4"	1"	2.3,4.5,6.7,8.9,10,11,12,17
HP-806	VERTICAL	770	375	0.50	R-410a	6.00	2.65	WATER	25.99	17.60	85	95.4	21	23.24	45	39	4.1	26.2"x22.5"x44.4"	303	WATER FURNACE	NV0826	3/4"	1"	2.3,4.5,6.7,8.9,10,11,12,17
HP-ERV-9	VERTICAL	900	900	0.50	R-410	15.00	5.45	WATER	51.7	28.2	85	93.4	15.1	33.2	45	40	4.8	31.2"x25.5"x32.2"	430	WATER FURNACE	UVV060	3/4"	1 1/2"	4.5,6.7,8.9,10,11,12,13,14,15,18

- REMARKS:
- MINIMUM EER AND COP RATING ACCORDING TO ANSI-ISO-13259-1.
 - COOLING CAPACITY BASED ON 75 DEGREES/80 DEGREES ENTERING AIR TEMPERATURE (DBWB).
 - HEATING CAPACITY BASED ON 68 DEGREES ENTERING AIR TEMPERATURE.
 - PROVIDE WITH COMPRESSOR SOUND PACKAGE.
 - MANUFACTURER SHALL COORDINATE TEMPERATURE CONTROLS WITH OWNER/TEMPERATURE CONTROLS CONTRACTOR AND SPECIFICATION 230900. PROVIDE WITH FACTORY BACKNET CONTROL COMMUNICATIONS.
 - ANY CHANGES IN ELECTRICAL SERVICE/BREAKERS TO HEAT PUMPS MADE AS RESULT OF DIFFERENT MANUFACTURER'S REQUIREMENTS SHALL BE BORNE BY THAT MANUFACTURER. NO ADDITIONAL COMPENSATION WILL BE PROVIDED TO THE ELECTRICAL OR THE HVAC CONTRACTOR BY OWNER.
 - 5 YEAR REFRIGERATION CIRCUIT AND ECM FAN MOTOR WARRANTY. SEE SPECIFICATIONS.
 - PROVIDE WITH 1/2" VIBRATION ISOLATION NEOPRENE PAD UNDER HEAT PUMP.
 - SEE SPECIFICATIONS 238146 FOR APPROVED ALTERNATE MANUFACTURERS.
 - PROVIDE FILTER CAGE PER SPECIFICATION SECTION 238146.
 - SEE PLANS FOR RIGHT OR LEFT HAND CONNECTION AND FOR UNIT CONFIGURATION.
 - SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E5-1 FOR ELECTRICAL DATA.
 - PROVIDE MODULATING HOT GAS REHEAT. REHEAT TO 70°F.
 - COOLING CAPACITY BASED ON 81 DEGREES/70 DEGREES ENTERING AIR TEMPERATURE (DBWB).
 - HEATING CAPACITY BASED ON 45 DEGREES ENTERING AIR TEMPERATURE.
 - PROVIDE SINGLE STAGE COMPRESSOR.
 - PROVIDE 2-STAGE COMPRESSOR.
 - PROVIDE VARIABLE SPEED COMPRESSOR.

LOUVER SCHEDULE									
MARK	SERVES	AIRFLOW (CFM)	SIZE (LxH) (IN)	FREE AREA (FT2)	MAX. FREE AREA VELOCITY (FPM)	AIR P.D. (IN. W.G.)	CONSTRUCTION MATERIAL	MANUFACTURER	MODEL
L-1	ERV-9 EA	900	32"x16"	1.3	714	0.08	1	GREENHECK	ESD-635
L-2	ERV-9 OA	900	32"x16"	1.3	714	0.08	1	GREENHECK	ESD-635

- REMARKS:
- EXTRUDED ALUMINUM.
 - PROVIDE WITH ANMA 2605 CORROSIVANT COATING WITH 10 YEAR WARRANTY.
 - PROVIDE WITH EXTENDED SILL.
 - PROVIDE WITH CLIP ANGLES.
 - PROVIDE WITH ALUMINUM BIRD SCREEN. BIRD SCREEN SHALL NOT BE SMALLER THAN 1/4"x1/4".

DIFFUSER REGISTER AND GRILLE SCHEDULE											
MARK	DESCRIPTION	DEFLECTION	MAXIMUM STATIC PRESSURE (IN. W.G.)	MAXIMUM NC LEVEL	CONSTRUCTION MATERIAL	FINISH	FACE SIZE (IN)	MANUFACTURER	MODEL NUMBER	ACCESSORIES	REMARKS
D-1	LOUVERED	4-WAY	0.1	30	STEEL	WHITE	24x24	KRUEGER	1400	-	1,2,3
G-1	FIXED	SINGLE 35°	0.1	30	STEEL	WHITE	14x36	KRUEGER	585	-	1
G-2	PERFORATED	-	0.1	30	ALUMINUM	WHITE	12x12	KRUEGER	5690	-	1
G-3	PERFORATED	-	0.1	30	STEEL	WHITE	24x24	KRUEGER	6490	-	1
G-4	FIXED	SINGLE 35°	0.1	30	STEEL	WHITE	10x8	KRUEGER	580	-	1
G-5	FIXED	SINGLE 35°	0.1	30	STEEL	WHITE	6x6	KRUEGER	580	QBD	1
R-1	ADJUSTABLE	DOUBLE	0.1	30	STEEL	WHITE	6x6	KRUEGER	580H	QBD	1
R-2	ADJUSTABLE	DOUBLE	0.1	30	ALUMINUM	WHITE	6x6	KRUEGER	580H	-	1

- REMARKS:
- CONTRACTOR SHALL VERIFY CEILING AND WALL CONSTRUCTION PRIOR TO FURNISHING MATERIAL.
 - PROVIDE BACKPAN WITH RIGID R6 FOIL FACED FIBERGLASS INSULATION.
 - PREPARE SURFACE OF DIFFUSERS FOR FIELD PAINTING FOR DIFFUSERS LOCATED IN BULKHEADS OF ROOMS 802 AND 803. SEE ARCHITECTURAL.

ELECTRIC UNIT HEATER SCHEDULE									
MARK	SERVES	LOCATION	CONFIGURATION	HEATING CAPACITY (MBH)	AIRFLOW (CFM)	DIMENSIONS (LxWxH) (IN)	OPERATING WEIGHT (LBS)	MANUFACTURER	MODEL
EUH-1.1	SEE PLANS	SEE PLANS	RECESSED	6.3	300	24x24	27	QMARK	CDP-548
EUH-1.2	SEE PLANS	SEE PLANS	RECESSED	6.3	300	24x24	27	QMARK	CDP-548

- REMARKS:
- SEE MECHANICAL/ELECTRICAL COORDINATION SCHEDULE ON SHEET E4-1 FOR ELECTRICAL DATA.
 - PROVIDE WITH INTEGRAL THERMOSTAT AND INTEGRAL DISCONNECT SWITCH.
 - FIELD CONVERT TO 2 KW.

PROJECT TEAM

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1	Addendum #01	11/30/2023
#	Description	Date

LPS ARNOLD
ELEMENTARY
- ADDITION &
RENOVATION

BID # 10887



1 FIRST FLOOR PLAN - LIGHTING
E1-1 1/8" = 1'-0" 0' 8'

GENERAL NOTES:

1. 'E' INDICATES EXISTING DEVICE TO REMAIN IN PLACE, SHOWN FOR REFERENCE ONLY.

FLAG NOTES

- 1 PROVIDE SWITCH WITH TOGGLE LIGHTED WHEN SWITCH IS OFF.
2 PROVIDE SWITCH WITH TOGGLE LIGHTED WHEN SWITCH IS ON.
3 INSTALL AND CONNECT SALVAGED TRACK SYSTEM. SUSPEND TRACK AT 96" BELOW CEILING. MOUNT SUPPORTS SAME AS PREVIOUSLY INSTALLED. MOUNT LOW VOLTAGE TRANSFORMER ABOVE CEILING, DIRECTLY ABOVE TRACK. EXTEND AND CONNECT TO SAME CIRCUIT PREVIOUSLY SERVING TRACK (LC2-14). VERIFY: PROVIDE (2) NEW MR16 LED, 12 VOLT, BI-PIN, EQUIVALENT TO 20W HALOGEN REPLACEMENT LAMPS FOR EACH OF (8) AIRPLANE LUMINAIRES. VERIFY EXACT REPLACEMENT REQUIREMENTS PRIOR TO ORDERING.
4 SEE SHEET E1-2 FOR LIGHTING IN HIGH CEILING AREA IN THIS ROOM.
5 PROVIDE NEW SWITCH IN EXISTING BOX.
6 THESE THREE LIGHTS SHOWN HERE FOR COORDINATION WITH CIRCULATION DESK. SEE SHEET E1-2 FOR FIXTURE TYPE AND CIRCUITING.
7 CONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS ROOM / AREA.
8 SALVAGED LIGHT POLE, LUMINAIRE AND BASE COVER. PROVIDE CONCRETE BASE PER DETAIL 3 ON SHEET E4-1. LOCATE PER CIVIL PLANS. CONNECT TO EXISTING EXTERIOR POLE LIGHTING CIRCUIT HD1-21 (VERIFY) CONTROLLED VIA LIGHTING CONTROL PANEL 'LCP-D'.
9 CONNECT NEW EXTERIOR BUILDING MOUNTED LIGHTING TO EXISTING LIGHTING CIRCUIT HC1-27 (VERIFY) CONTROLLED VIA LIGHTING CONTROL PANEL 'LCP-C'. PROVIDE 2 #10, #10 GND, 3-WAY C. FOR ENTIRE EXTENDED CIRCUIT.
10 CORRIDOR 193A LIGHTING OVERRIDE SWITCH: MOMENTARY CONTACT SWITCH FOR OVERRIDE OF RELAY IN LIGHTING CONTROL PANEL 'LCP-D'.
11 UTILIZE SPARE RELAY CIRCUIT IN 'LCP-D' TO CONTROL LIGHTING IN CORRIDOR 193A.
12 PROVIDE WATTSSTOPPER EMERGENCY LIGHTING CONTROL UNIT RELCU-200 ABOVE ACCESSIBLE CEILING TO BYPASS SWITCH UPON LOSS OF NORMAL POWER. SEE LIGHTING GENERAL NOTE 3 ON SHEET E000.
13 CONNECT NEW CORRIDOR 193A EMERGENCY LIGHTING TO EXISTING SPARE 20A1P BREAKER. UPDATE CIRCUIT DIRECTORY.
14 CONNECT NEW CORRIDOR 193A NORMAL LIGHTING TO EXISTING SPARE 20A1P BREAKER. CONNECT NEW NORMAL LIGHTING IN 804, 805, 806R, 806, 808R, 193B, 193C, 193M TO EXISTING SPARE 20A1P BREAKER. UPDATE CIRCUIT DIRECTORY.
15 PROVIDE NEW 3-WAY SWITCH IN EXISTING BOX. RECONFIGURE SWITCHING IN THIS ROOM SO LIGHTING FIXTURES WITH SUBSCRIPT 'a' ARE CONTROLLED BY THE NEW 3-WAY SWITCHES. LIGHTING FIXTURES WITH SUBSCRIPT 'b' ARE TO REMAIN CONTROLLED BY SINGLE POLE SWITCH.
16 PROVIDE NEW 3-WAY SWITCH IN NEW WIREMOLD SURFACE BOX. PROVIDE V700 SURFACE METAL RACEWAY UP INTO CEILING SPACE.
17 PROVIDE 1" UNDERGROUND CONDUIT FOR CTV FROM LIGHT POLE TO EXISTING HANDHOLE ON EAST SIDE OF ADDITION. PROVIDE PULL STRING IN CONDUIT.

EXISTING

KEY PLAN

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1	Addendum #01	11/30/2023
#	Description	Date

LPS ARNOLD
ELEMENTARY
- ADDITION &
RENOVATION

BID # 10887

5000 MIKE SCHOLL STREET,
LINCOLN NE 68524

LINCOLN PUBLIC
SCHOOLS

FIRST FLOOR PLAN-
LIGHTING

E1-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

GENERAL NOTES:

1. 'E' INDICATES EXISTING DEVICE TO REMAIN IN PLACE. SHOWN FOR REFERENCE ONLY.
2. 'RL' INDICATES RELOCATED DEVICE. RECONNECT TO EXISTING CIRCUIT OR CABLING. EXTEND CONDUCTORS/ CONDUIT AS REQUIRED.

FLAG NOTES:

1. PROVIDE AN ALARMED PROTECTIVE COVER OVER MANUAL PULL STATION. SEE SPECIFICATIONS.
2. INSTALL SALVAGED MANUAL PULL STATION AND ALARMED PROTECTIVE COVER.
3. SMOKE DETECTORS SHALL CONTROL DOOR HOLD-OPENS THAT ARE INTEGRAL TO THE DOOR CLOSERS.
4. CONNECT TO EXISTING SPARE 20A1P BRANCH BREAKER IN PANEL 'EL2'.



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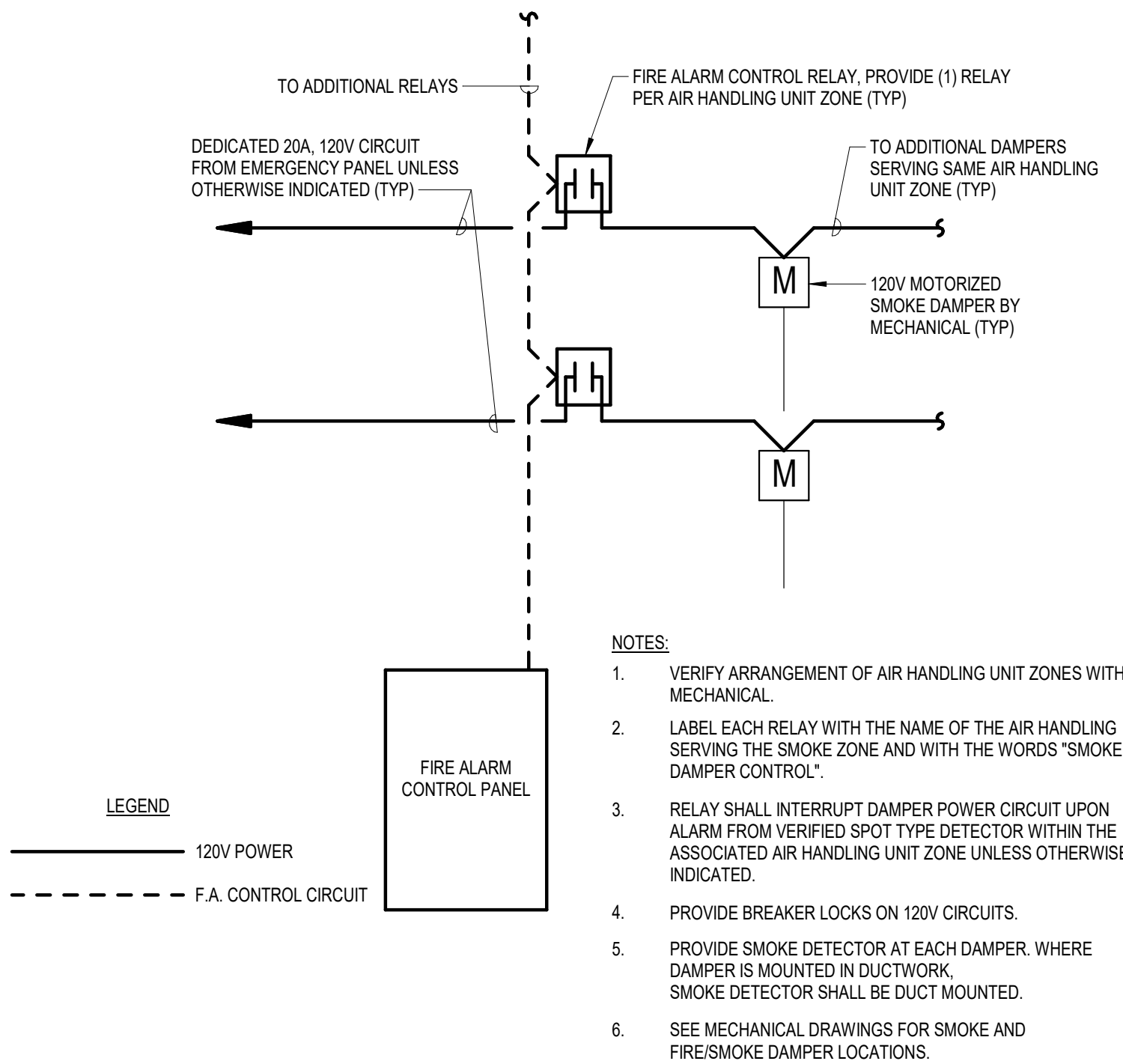
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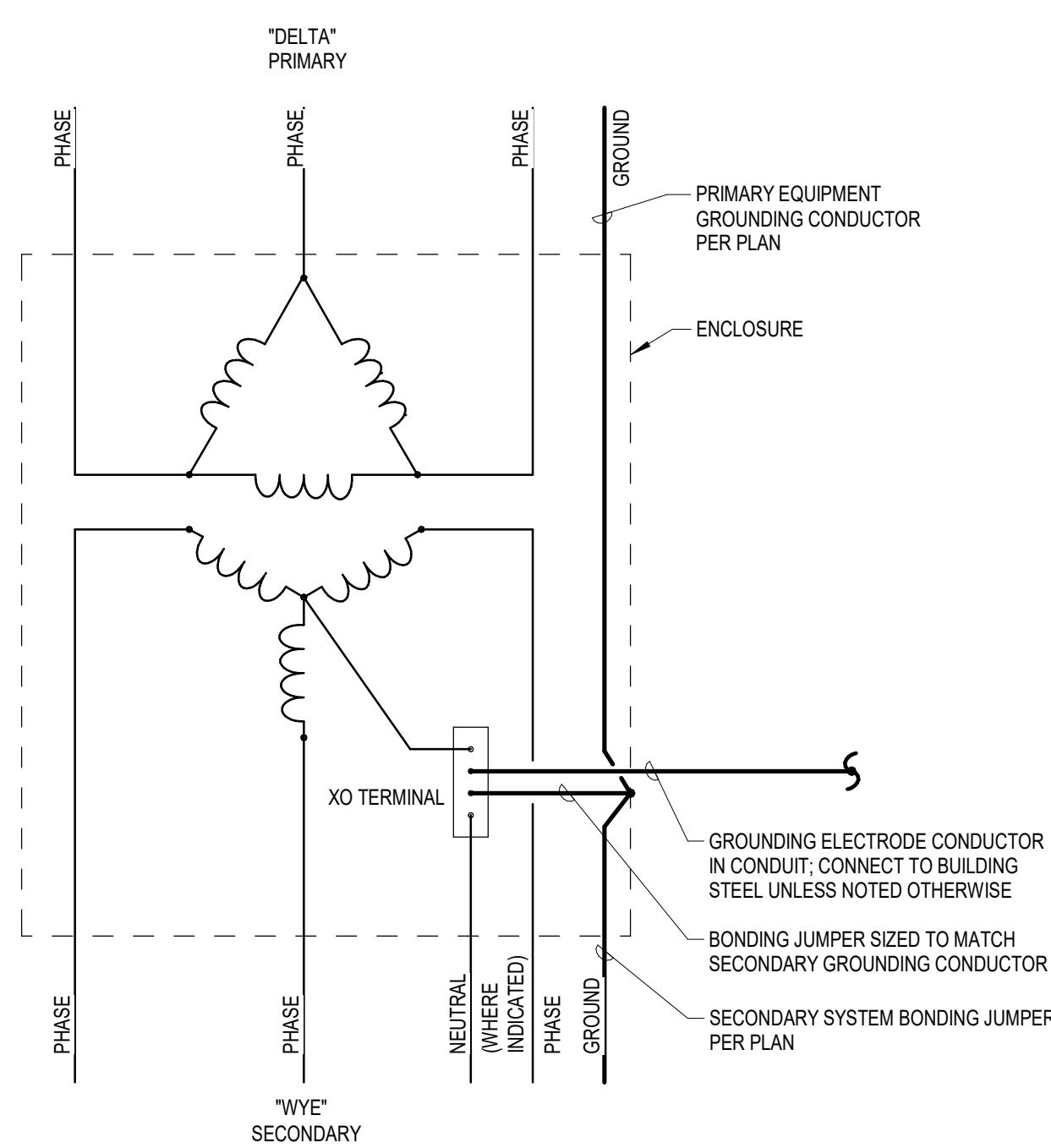
SMOKE DAMPER CONNECTION

NO SCALE

1

E4-1

05/09/2019



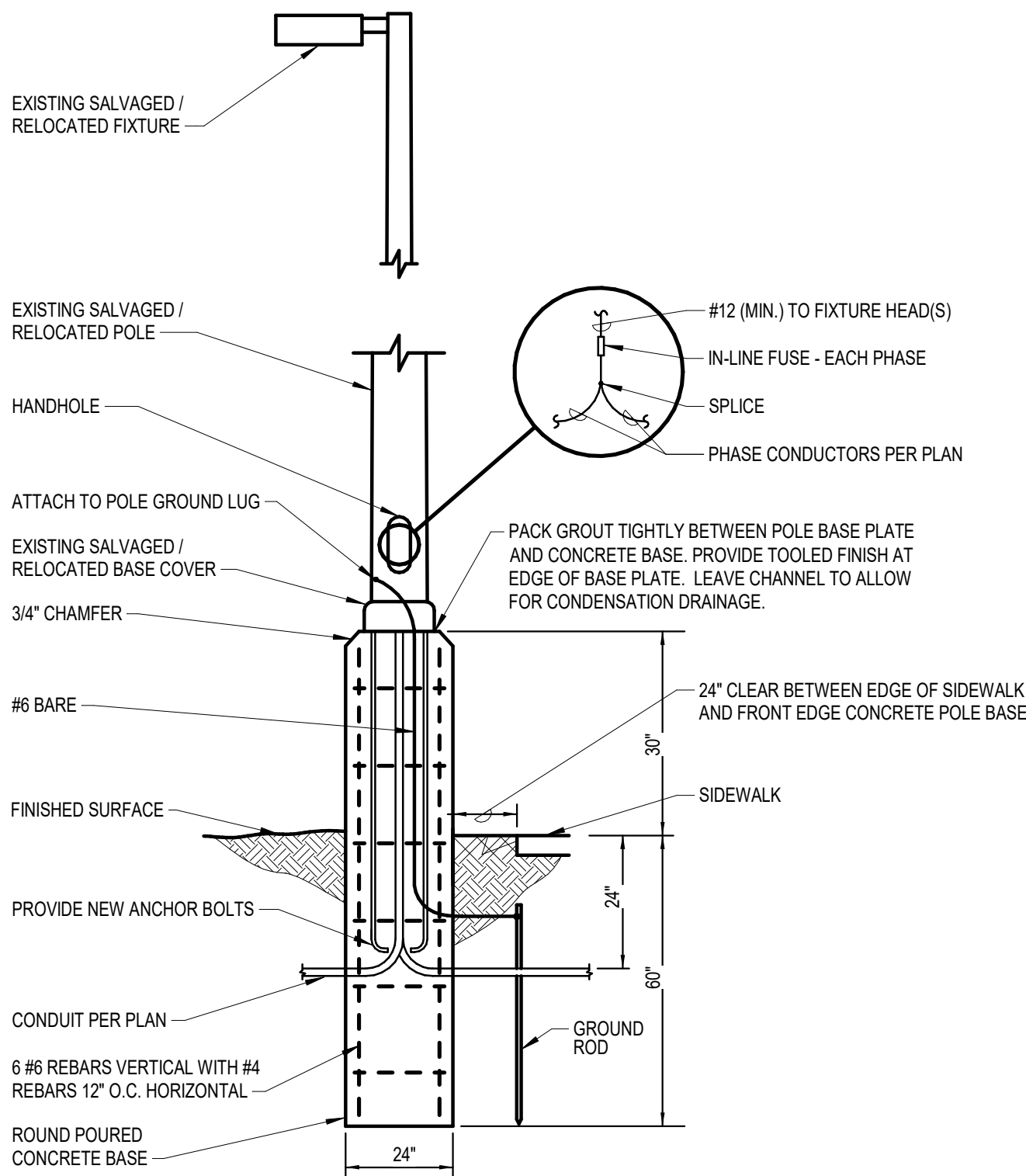
DRY TYPE TRANSFORMER GROUNDING

NO SCALE

2

E4-1

05/09/2019



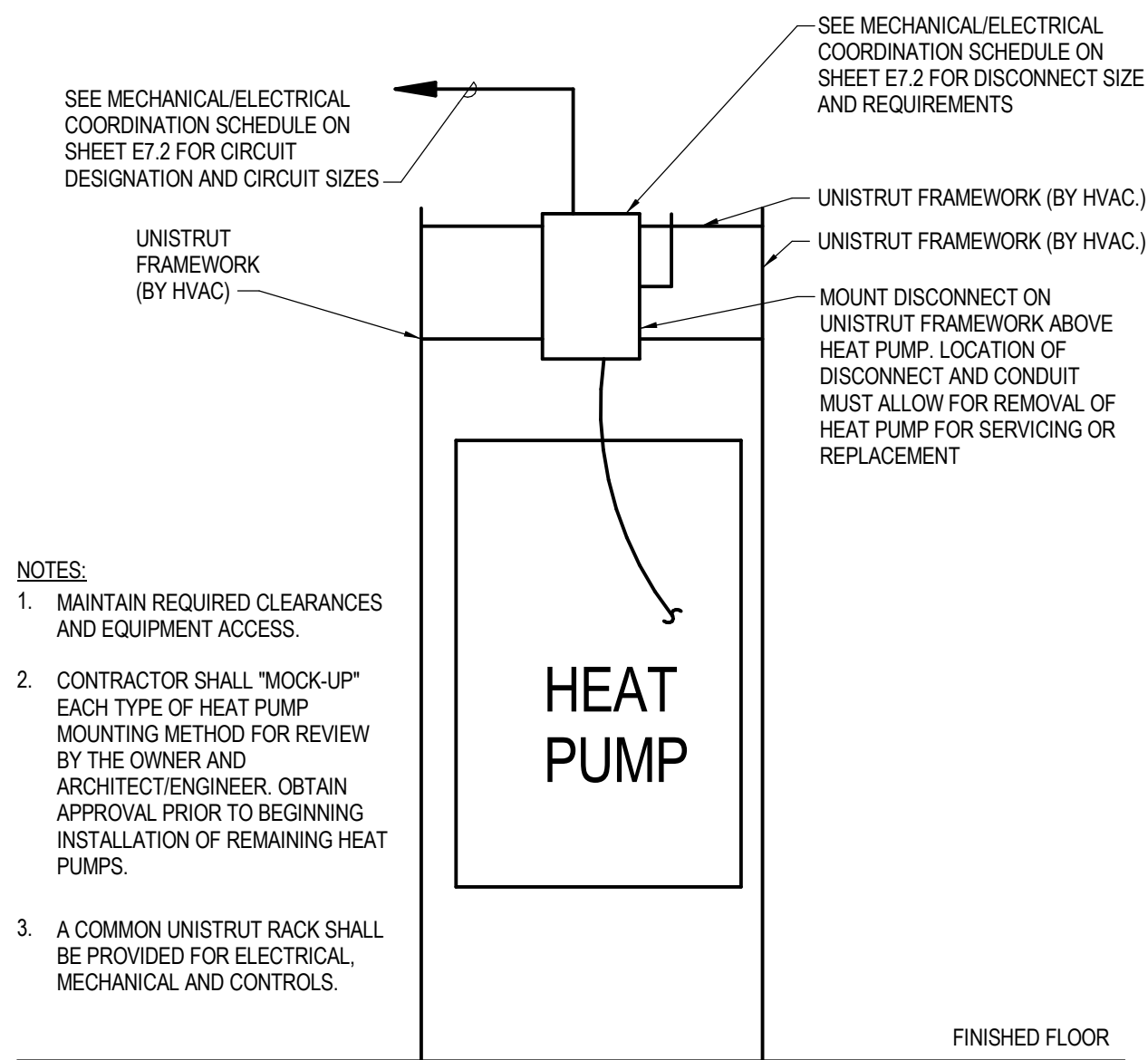
POLE BASE ABOVE GROUND

NO SCALE

3

E4-1

05/09/2019



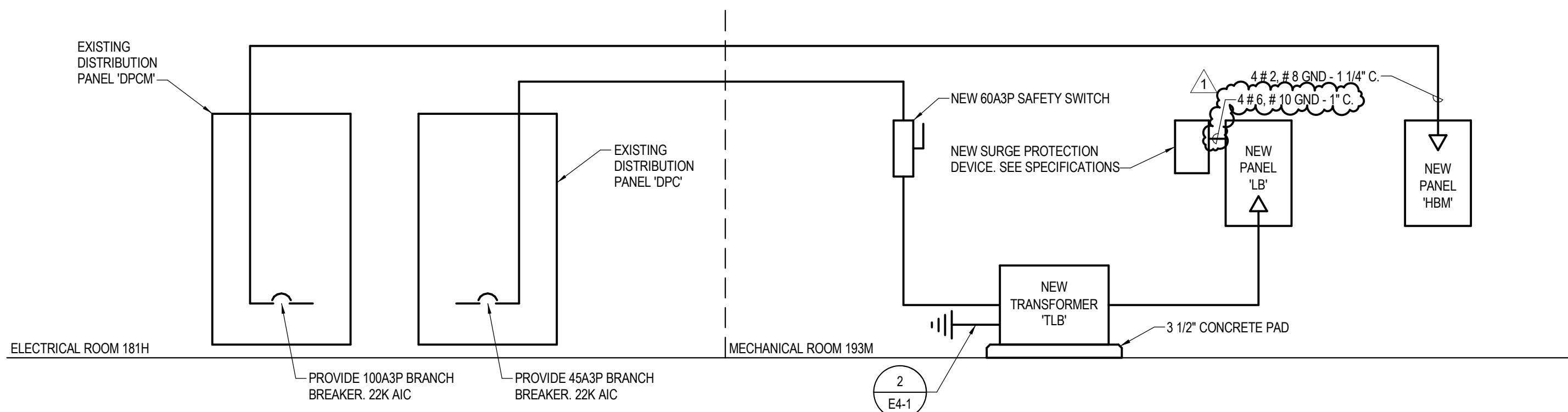
HEAT PUMP DISCONNECT MOUNTING

NO SCALE

4

E4-1

05/09/2019



PARTIAL POWER RISER DIAGRAM

NO SCALE

5

E4-1

05/09/2019

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1	Addendum #01	11/30/2023
#	Description	Date

LPS ARNOLD ELEMENTARY - ADDITION & RENOVATION

BID # 10887


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LINCOLN NE 68524

LINCOLN PUBLIC SCHOOLS

ELECTRICAL DETAILS AND POWER RISER DIAGRAM

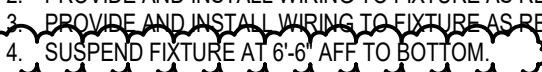
E4-1

CONSTRUCTION DOCUMENTS
BCDM NO. 5370-02
11/10/2023

LUMINAIRE SCHEDULE														
MARK	DESCRIPTION	MANUFACTURER	CATALOG NO.	LUMENS		WATTAGE		COLOR TEMP (K)	DIMMING PROTOCOL	VOLTAGE	MOUNTING	FINISH	ALTERNATE MANUFACTURER	REMARKS
				TOTAL	PER FOOT	TOTAL	PER FOOT							
A1	2X4 LED ARCHITECTURAL TROFFER	METALUX	24RLN-LD5-45-UNV-L840-CD1	4500		34		4000	0-10V TO 1%	277 V	RECESSED GRID	WHITE		
A2	2X4 LED ARCHITECTURAL TROFFER	METALUX	24RLN-LD5-36-UNV-L840-CD1	3600		27		4000	0-10V TO 1%	277 V	RECESSED GRID	WHITE		
A3	1X4 RECESSED FLAT PANEL WITH FLANGE KIT	METALUX	14CGTX-36-L840-DF-14W-U	2679		24		4000	0-10V TO 10%	277 V	RECESSED CEILING	WHITE		DRYWALL FLANGE KIT
A4	2X4 LED ARCHITECTURAL TROFFER W/ FLANGE KIT	METALUX	24RLN-LD5-45-UNV-L840-CD1-DF-24W-U	4500		34		4000	0-10V TO 1%	277 V	RECESSED CEILING	WHITE		DRYWALL FLANGE KIT
A5	2X2 LED ARCHITECTURAL TROFFER	METALUX	22RLN-LD5-36-UNV-L840-CD1-U	3560		31		4000	0-10V TO 1%	277 V	RECESSED GRID	WHITE		
A6	1X4 LED CORRECTIONAL TROFFER	FAIL-SAFE	FMR-X-12-4-LD4-1STD-40-UNV-82/85-EDC1-SF3	3420		34		4000	NA	277 V	RECESSED FLANGE	WHITE		
B10	10' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1D-UNV-STD-S-AC120-UM-10	12500	1250	121	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		
B14	14' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1D-UNV-STD-S-AC120-UM-14	17500	1250	169	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		
B14E	14' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1N-UNV-STD-EPC-S-AC120-UM-14	17500	1250	169	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		1, 2
B18E	18' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1N-UNV-STD-EPC-S-AC120-UM-18	20000	1250	194	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		1, 2
B18E2	18' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1E-UNV-STD-EPC-S-AC120-UM-18	20000	1250	194	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		3
B20	20' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1D-UNV-STD-S-AC120-UM-20	25000	1250	242	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		
B24E	24' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1N-UNV-STD-S-AC120-UM-24	30000	1250	290	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		1, 2
B28	28' LED NARROW DIRECT LINEAR	CORELITE	SQ4-F-0U/12SD-840-1D-UNV-STD-S-AC120-UM-28	35000	1250	339	12	4000	0-10V TO 1%	277 V	SUSPENDED	SILVER		
C1	4" SUSPENDED LED CYLINDER	LUMINI	695-A90-660-40-10-00-XX-XX-851-XX-00-00-LCS-277	1000		9		4000	0-10V TO 1%	277 V	SUSPENDED PENDANT	BRILLIANT BLUE		
D1	6" LED OPEN DOWNLIGHT	PORTFOLIO	LD6C20940D010M1H	2000		23		4000	0-10V TO 1%	277 V	RECESSED CEILING	SEMI-SPECULAR		
D2	4" LED OPEN DOWNLIGHT	PORTFOLIO	LD4C159040D010M1H	1500		16		4000	0-10V TO 1%	277 V	RECESSED CEILING	SEMI-SPECULAR		
D3	6" LED OPEN DOWNLIGHT	PORTFOLIO	LD6C109040D010M1H	1000		10		4000	0-10V TO 10%	277 V	RECESSED CEILING	SEMI-SPECULAR		
D4	6" LED WALLWASH DOWNLIGHT	PORTFOLIO	LD6C109040D010SW1H	1500		16		4000	0-10V TO 1%	277 V	RECESSED CEILING	SEMI-SPECULAR		
F1	4" LED INDUSTRIAL STRIP WITH LENS	METALUX	45NLED-LD5-47SL-L-W-L840-CD1	4892		41		4000	0-10V TO 10%	277 V	SUSPENDED	WHITE		
W1	EXTERIOR WALL MOUNT AREA LIGHT	MCGRAW EDISON	ISC-SA2B-740-U-14W-DP	3473		25		4000	NA	277 V	WALL	DARK PLATINUM		
X1	SINGLE FACE EXIT SIGN	SURE-LITES	CX61WH (RED LETTERS)			1		4000	NA	277 V	UNIVERSAL	WHITE		
X2	DOUBLE-FACE EXIT SIGN	SURE-LITES	CX62WH (RED LETTERS)			1		4000	NA	277 V	UNIVERSAL	WHITE		

GENERAL NOTES
a. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
b. CONTRACTOR TO VERIFY LUMINAIRE CATALOG NUMBER AND INSTALLATION REQUIREMENTS PRIOR TO ORDERING.
c. LUMINAIRE NUMBERS INDICATED WITH LETTER "E" SHALL BE PROVIDED WITH AN EMERGENCY BATTERY PACK.
d. LISTED ALTERNATE MANUFACTURERS ARE PERMITTED TO BID AN EQUIVALENT LUMINAIRE WHICH COMPLIES WITH THE PRODUCT REQUIREMENTS IDENTIFIED IN THIS SCHEDULE AND THE SPECIFICATIONS WITHOUT SUBMITTING A PRIOR APPROVAL REQUEST. ALTERNATE LUMINAIRES WILL BE REVIEWED DURING THE SUBMITTAL PROCESS AND THE MANUFACTURER WILL BE RESPONSIBLE TO PROVIDE A LUMINAIRE WHICH MEETS THE PRODUCT REQUIREMENTS.
e. ELECTRICAL CONTRACTOR SHALL PROVIDE THE SPECIFIED LUMINAIRES DEFINED WITHIN THIS SCHEDULE AND ASSOCIATED CONTRACT DOCUMENTS. IF REQUIRED, THE ELECTRICAL CONTRACTOR MAY UTILIZE MULTIPLE DISTRIBUTORS AND/OR DISTRIBUTORS MAY UTILIZE MULTIPLE LIGHTING MANUFACTURER REPRESENTATIVES TO COMPLY WITH THE CONTRACT DOCUMENTS FOR THIS PROJECT.

REMARKS
1. PROVIDE AND INSTALL WIRING TO FIXTURE AS REQUIRED FOR EMERGENCY ILLUMINATION VIA INTEGRAL BYPASS RELAY FOR PARTIAL SECTION OF FIXTURE AS INDICATED ON LIGHTING PLANS.
2. PROVIDE AND INSTALL WIRING TO FIXTURE AS REQUIRED FOR SEPARATE CONTROL OF PARTIAL SECTION OF FIXTURE NEAR AV WALL AS INDICATED ON LIGHTING PLANS.
3. PROVIDE AND INSTALL WIRING TO FIXTURE AS REQUIRED FOR EMERGENCY ILLUMINATION VIA INTEGRAL BYPASS RELAY FOR ENTIRE LENGTH OF FIXTURE AS INDICATED ON LIGHTING PLANS.



PANEL LB										
208/120V 3 PHASE 4 WIRE W/ GND BAR			SURFACE MOUNTED							
100 AMP MCB										
10000 AMPS AVAIL FAULT										
42 POLES ONE SECTION										
DESCRIPTION	LOAD VA	REMARKS	O/C	CKT #	PH	CKT #	O/C	REMARKS	LOAD VA	DESCRIPTION
SURGE PROTECTION DEVICE			60/3	1	A	2	20/1		1080	RECEPT 806
-			-	3	A	4	20/1		1080	RECEPT 805, 806 PROJ /GEAR BOX
-			-	5	C	6	20/1		900	RECEPT 806, 806H
RECEPT 804	720		20/1	7	A	8	20/1		1200	VEST 193F ADA DOORS
RECEPT 804	720		20/1	9	B	10	20/1		1200	VEST 193F ADA DOORS
RECEPT 804	720		20/1	11	C	12	20/1		900	RECEPT 806, 806H
RECEPT 804	720		20/1	13	A	14	20/1		1080	RECEPT 805
RECEPT 804	720		20/1	15	B	16	20/1		900	RECEPT 804
RECEPT 804	720		20/1	17	C	18	20/1			SPARE
RECEPT 193A, 193B, 193D, 193M	720		20/1	19	A	20	20/1			SPARE
RECEPT 193C	360		20/1	21	B	22	20/1			SPARE
RECEPT 193A, 193F, 804	720		20/1	23	C	24	20/1			SPARE
SPARE			20/1	25	A	26	20/1			SPARE
SPARE			20/1	27	B	28	20/1			SPARE
SPARE			20/1	29	C	30	20/1			SPARE
				31	A	32				
				33	B	34				
				35	C	36				
				37	A	38				
				39	B	40				
				41	C	42				
LOAD TYPE	CONNECTED	DEMAND FACTOR	DEMAND	13730 EMD						
RECEPT	12080	NEC	111030	20% SPARE						
LIGHTING	0	125%	0	16476 TOTAL VA						
MISC	0	100%	0	46 /MIN. FEEDER AMPS						
KITCHEN	0	100%	0							
MTR/HTR	1200	100%	1200							
NONCONC	0	0%	0							
HOTEL	0	NEC	0							
ELEV	0	100%	0							
EM ELEV	0	100%	0							
EM EQUIP	0	100%	0							
CUSTOM1	0	100%	0							
CUSTOM2	0	100%	0							
CUSTOM3	0	100%	0							
LGST MTR	1200	125%	1500							

PANEL HBM											
480/277V 3 PHASE 4 WIRE W/ GND BAR			SURFACE MOUNTED								
100 AMP MLO											
14000 AMPS AVAIL FAULT											
30 POLES ONE SECTION											
DESCRIPTION		LOAD VA	REMARKS	O/C	CKT #	PH	CKT #	O/C	REMARKS	LOAD VA	DESCRIPTION
ERV-9		2493	15/3	1	A	2	20/3		10803	HP-ERV-9	
-			-	3	B	4	-		-		
-			-	5	C	6	-		-		
HP-805		4654	15/3	7	A	8	15/3		4737	HP-804	
-			-	9	B	10	-		-		
-			-	11	C	12	-		-		
				13	A	14	15/3		4654	HP-806	
				15	B	16	-		-		
				17	C	18	-		-		
				19	A	20					
				21	B	22					
				23	C	24					
				25	A	26					
				27	B	28					
				29	C	30					

TRANSFORMER SCHEDULE						
TRANSFORMER	VOLTAGE	KVA RATING	MOUNTING	CONDUCTORS		REMARKS
				PRIMARY	SECONDARY	
TLB	480V DELTA 208Y/120V	30	FLOOR - CONCRETE PAD	3-#6, #10 GND, 1" C	4-#2, #8 GND, 1 1/4" C	#8 - 3/4" C

GENERAL NOTES
a. THE CONTRACTOR SHALL VERIFY THE SIZE OF EQUIPMENT SUPPLIED DOES NOT EXCEED THE AVAILABLE MOUNTING SPACE.

LIGHTING CONTROL SCHEDULE										
MARK	OCCUPANCY SENSOR				LOCAL ON/OFF	DIMMING	TIME OF DAY CONTROL	SPACE TYPE	REMARKS	
	MOUNTING	MANUAL ON	AUTO ON	OCCUPANT DETECTION TIME-OUT						
A	CEILING	X		10	X	X		OFFICE		
C	CEILING		X	20				CORRIDOR		
F	CEILING OR WALL	X		5	X			STORAGE ROOM		
E	NONE				X			MECH/ELEC		
H	CEILING OR WALL	X		10	X			PRIVATE RESTROOM		
L	CEILING	X		20	X	X		CLASSROOM	1	