

## Poudre School District

Lincoln Community Health Clinic

22-250-001

**ADDENDUM #2**

August 6, 2021

For: Lincoln Community Health Clinic  
1600 Lancer Drive  
Fort Collins, CO 80521  
PSD Project: 22-250-001

The following addendum supersedes the Contract Documents dated July 9, 2021, where it adds to, deletes from, clarifies, or otherwise modifies said documents. All other conditions shall remain unchanged.

### ADDITIONS, DELETIONS, AND REVISIONS TO SPECIFICATIONS:

#### ARCHITECTURAL

1. Add the following Specification Sections:  
Section 017329 —Cutting & Patching  
Section 024119 - Selective Demolition  
Section 066400 - Plastic Paneling

### ADDITIONS, DELETIONS, AND REVISIONS TO DRAWINGS:

#### ARCHITECTURAL

1. **Sheet A0**
  - A. Replace existing Sheet A0 issued July 9, 2021 with REVISED Sheet A0 issued August 6, 2021 as part of Addendum 2.
    1. *Drawing M4 is eliminated from Drawing Index.*
    2. *Drawings FA000 COVER SHEET, FA101D FIRE ALARM AREA PLAN, FA200 RISER DIAGRAM/DETAILS, FA300 BATTERY & LOAD CALCULATIONS/SEQUENCE OF OPERATIONS, FA400 GRAPHIC MAP / CUSTOM ADDRESS LIST are added to the Drawing Index*
2. **Sheet A2**

REVISE Door Schedule as follows:  
Door 514E to receive Hardware Group 3.

**3. ADD THE FOLLOWING DRAWINGS IN THEIR ENTIRETY TO THE DRAWING SET:**

- A. FA000 COVER SHEET,*
- B. FA101D FIRE ALARM AREA PLAN,*
- C. FA200 RISER DIAGRAM/DETAILS,*
- D. FA300 BATTERY & LOAD CALCULATIONS/SEQUENCE OF OPERATIONS,*
- E. FA400 GRAPHIC MAP / CUSTOM ADDRESS LIST*

**ATTACHMENTS:**

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**SPECIFICATION SECTIONS:**

- 1. Section 017329 —Cutting & Patching
- 2. Section 024119 - Selective Demolition
- 3. Section 066400 - Plastic Paneling

**DRAWINGS:**

- 1. AO COVER SHEET*
- 2. A2 DEMO AND NEW FLOOR PLANS, CEILING PLAN, DOOR & ROOM FINISH SCHEDULES*
- 3. FA000 COVER SHEET,*
- 4. FA101D FIRE ALARM AREA PLAN,*
- 5. FA200 RISER DIAGRAM/DETAILS,*
- 6. FA300 BATTERY & LOAD CALCULATIONS/SEQUENCE OF OPERATIONS,*
- 7. FA400 GRAPHIC MAP / CUSTOM ADDRESS LIST*

**END OF ATTACHMENTS**

## SECTION 017329 - CUTTING AND PATCHING

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. This Section includes procedural requirements for cutting and patching.

#### 1.2 SUBMITTALS

- A. Cutting and Patching Proposal: Submit a proposal describing procedures at least 10 days before the time cutting and patching will be performed. Include the following information:
  - 1. Dates: Indicate when cutting and patching will be performed.
  - 2. Utility Services and Mechanical/Electrical Systems: List services/systems that cutting and patching procedures will disturb or affect. List services/systems that will be relocated and those that will be temporarily out of service. Indicate how long services/systems will be disrupted.
  - 3. Structural Elements: Where cutting and patching involve adding reinforcement to structural elements, submit details and engineering calculations showing integration of reinforcement with original structure.
- B. Structural Elements: Do not cut and patch structural elements in a manner that could change their load-carrying capacity or load-deflection ratio.
- C. Operational Elements: Do not cut and patch operating elements and related components in a manner that results in reducing their capacity to perform as intended or that results in increased maintenance or decreased operational life or safety.
- D. Miscellaneous Elements: Do not cut and patch miscellaneous elements or related components in a manner that could change their load-carrying capacity, that results in reducing their capacity to perform as intended, or that results in increased maintenance or decreased operational life or safety
- E. Visual Requirements: Do not cut and patch construction in a manner that results in visual evidence of cutting and patching. Do not cut and patch construction exposed on the exterior or in occupied spaces in a manner that would, in Architect's opinion, reduce the building's aesthetic qualities. Remove and replace construction that has been cut and patched in a visually unsatisfactory manner.

### PART 2 - PRODUCTS

#### 2.1 MATERIALS

- A. General: Comply with requirements specified in other Sections.

- B. In-Place Materials: Use materials identical to in-place materials. For exposed surfaces, use materials that visually match in-place adjacent surfaces to the fullest extent possible.
  - 1. If identical materials are unavailable or cannot be used, use materials that, when installed, will match the visual and functional performance of in-place materials.

### PART 3 - EXECUTION

#### 3.1 EXAMINATION

- A. Examine surfaces to be cut and patched and conditions under which cutting and patching are to be performed.
  - 1. Compatibility: Before patching, verify compatibility with and suitability of substrates, including compatibility with in-place finishes or primers.
  - 2. Proceed with installation only after unsafe or unsatisfactory conditions have been corrected.

#### 3.2 PREPARATION

- A. Temporary Support: Provide temporary support of Work to be cut.
- B. Protection: Protect in-place construction during cutting and patching to prevent damage. Provide protection from adverse weather conditions for portions of Project that might be exposed during cutting and patching operations.
- C. Adjoining Areas: Avoid interference with use of adjoining areas or interruption of free passage to adjoining areas.
- D. Existing Utility Services and Mechanical/Electrical Systems: Where existing services/systems are required to be removed, relocated, or abandoned, bypass such services/systems before cutting to prevent interruption to occupied areas.

#### 3.3 PERFORMANCE

- A. General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay.
  - 1. Cut in-place construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.
- B. Cutting: Cut in-place construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations.

1. In general, use hand or small power tools designed for sawing and grinding, not hammering and chopping. Cut holes and slots as small as possible, neatly to size required, and with minimum disturbance of adjacent surfaces. Temporarily cover openings when not in use.
  2. Finished Surfaces: Cut or drill from the exposed or finished side into concealed surfaces.
  3. Mechanical and Electrical Services: Cut off pipe or conduit in walls or partitions to be removed. Cap, valve, or plug and seal remaining portion of pipe or conduit to prevent entrance of moisture or other foreign matter after cutting.
  4. Proceed with patching after construction operations requiring cutting are complete.
- C. Patching: Patch construction by filling, repairing, refinishing, closing up, and similar operations following performance of other Work. Patch with durable seams that are as invisible as possible. Provide materials and comply with installation requirements specified in other Sections.
1. Inspection: Where feasible, test and inspect patched areas after completion to demonstrate integrity of installation.
  2. Exposed Finishes: Restore exposed finishes of patched areas and extend finish restoration into retained adjoining construction in a manner that will eliminate evidence of patching and refinishing.
  3. Floors and Walls: Where walls or partitions that are removed extend one finished area into another, patch and repair floor and wall surfaces in the new space. Provide an even surface of uniform finish, color, texture, and appearance. Remove in-place floor and wall coverings and replace with new materials, if necessary, to achieve uniform color and appearance.
  4. Ceilings: Patch, repair, or rehang in-place ceilings as necessary to provide an even-plane surface of uniform appearance.
- D. Cleaning: Clean areas and spaces where cutting and patching are performed. Completely remove paint, mortar, oils, putty, and similar materials.

END OF SECTION 017329

## SECTION 024119 - SELECTIVE DEMOLITION AND REMOVALS

### PART 1 - GENERAL

#### 1.1 SUMMARY

A. Section Includes:

1. Removal of selected site and building elements.
2. Salvage of existing items to be reused or recycled, as indicated on the drawings, and including but not limited to:
  - a. Ceiling-mounted electrical devices-Remove and Re-Install.

#### 1.2 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or removed and reinstalled.
- B. Remove and Salvage: Carefully detach from existing construction, in a manner to prevent damage, and deliver to Owner.
- C. Remove and Reinstall: Detach items from existing construction, prepare for reuse, and reinstall where indicated.
- D. Existing to Remain: Existing items of construction that are not to be permanently removed and that are not otherwise indicated to be removed, removed and salvaged, or removed and reinstalled.
- E. Demolish: Remove.

#### 1.3 MATERIALS OWNERSHIP

- A. Unless otherwise indicated, demolition waste becomes property of Contractor.

#### 1.4 INFORMATIONAL SUBMITTALS

- A. Proposed Protection Measures: Submit report, including drawings, that indicates the measures proposed for protecting individuals and property, for environmental protection, for dust control and, for noise control. Indicate proposed locations and construction of barriers.
- B. Inventory: Submit a list of items to be removed and salvaged and deliver to Owner prior to start of demolition.
- C. Predemolition Photographs or Video: Submit before Work begins.

- A. Coordinate removals and new construction of architectural, structural, mechanical, plumbing and electrical systems prior to initiating construction. Establish a schedule for removals, noting duration between service interruptions and new systems being operational.

1.6 FIELD CONDITIONS

- A. Owner will occupy portions of building immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted.
- B. Notify Architect of discrepancies between existing conditions and Drawings before proceeding with selective demolition.
- C. Storage or sale of removed items or materials on-site is not permitted.
- D. Building Services: Maintain all existing building systems and services, except those specifically identified for removal. Where required, protect building systems and services against damage during selective demolition operations.

1.7 WARRANTY

- A. Existing Warranties: Remove, replace, patch, and repair materials and surfaces cut or damaged during selective demolition, by methods and with materials so as not to void existing warranties. Notify warrantor before proceeding.
- B. Notify warrantor on completion of selective demolition, and obtain documentation verifying that existing system has been inspected and warranty remains in effect. Submit documentation at Project closeout.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Regulatory Requirements: Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- B. Standards: Comply with ANSI/ASSE A10.6 and NFPA 241.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that utilities have been disconnected and capped before starting selective demolition operations.

- B. Review record documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are same as those indicated in record documents.
- C. Survey existing conditions and correlate with requirements indicated to determine extent of selective demolition required.
- D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect.
- E. Survey of Existing Conditions: Record existing conditions by use of preconstruction photographs and preconstruction video recordings.
  - 1. Inventory and record the condition of items to be removed and salvaged. Provide photographs or video of conditions that might be misconstrued as damage caused by salvage operations.
  - 2. Before selective demolition or removal of existing building elements that will be reproduced or duplicated in final Work, make permanent record of measurements, materials, and construction details required to make exact reproduction.

### 3.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS

- A. Existing Services/Systems to Remain: Maintain services/systems indicated to remain and protect them against damage.
- B. Existing Services/Systems to Be Removed, Relocated, or Abandoned: Locate, identify, disconnect, and seal or cap off indicated utility services and mechanical/electrical systems serving areas to be selectively demolished.
  - 1. Owner will arrange to shut off indicated services/systems when requested by Contractor.
  - 2. Arrange to shut off indicated utilities with utility companies.
  - 3. If services/systems are required to be removed, relocated, or abandoned, provide temporary services/systems that bypass area of selective demolition and that maintain continuity of services/systems to other parts of building.
  - 4. Disconnect, demolish, and remove plumbing, and HVAC systems, equipment, and components indicated to be removed.
    - a. Equipment to Be Removed: Disconnect and cap services and remove equipment.
    - b. Equipment to Be Removed and Reinstalled: Disconnect and cap services and remove, clean, and store equipment; when appropriate, reinstall, reconnect, and make equipment operational.
    - c. Equipment to Be Removed and Salvaged: Disconnect and cap services and remove equipment and deliver to Owner.
    - d. Ducts to Be Removed: Remove portion of ducts indicated to be removed and plug remaining ducts with same or compatible ductwork material.

### 3.3 PREPARATION

- A. Site Access and Temporary Controls: Conduct selective demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Comply with requirements for access and protection specified in Section 015000 "Temporary Facilities and Controls."
- B. Temporary Facilities: Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
  1. Provide protection to ensure safe passage of people around selective demolition area and to and from occupied portions of building.
  2. Provide temporary weather protection, during interval between selective demolition of existing construction on exterior surfaces and new construction, to prevent water leakage and damage to structure and interior areas.
  3. Protect walls, ceilings, floors, and other existing finish work that are to remain or that are exposed during selective demolition operations.
  4. Cover and protect furniture, furnishings, and equipment that have not been removed.
- C. Temporary Shoring: Provide and maintain shoring, bracing, and structural supports as required to preserve stability and prevent movement, settlement, or collapse of construction and finishes to remain, and to prevent unexpected or uncontrolled movement or collapse of construction being demolished.
  1. **At the General Contractor's discretion, General Contractor to furnish professional engineering design services required for shoring and bracing design and implementation required during Selective Demolition activity.**
  2. Strengthen or add new supports when required during progress of selective demolition.

### 3.4 SELECTIVE DEMOLITION, GENERAL

- A. General: Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
  1. Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition operations above each floor or tier before disturbing supporting members on the next lower level.
  2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
  3. Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing finished surfaces.
  4. Do not use cutting torches until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain fire watch and portable fire-suppression devices during flame-cutting operations.
  5. Maintain adequate ventilation when using cutting torches.
  6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site.
  7. Locate selective demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- B. Removed and Salvaged Items:
  1. Clean salvaged items.

2. Pack or crate items after cleaning. Identify contents of containers.
3. Store items in a secure area until delivery to Owner.
4. Transport items to Owner's storage area off-site designated by Owner.
5. Protect items from damage during transport and storage.

C. Removed and Reinstalled Items:

1. Clean and repair items to functional condition adequate for intended reuse.
2. Pack or crate items after cleaning and repairing. Identify contents of containers.
3. Protect items from damage during transport and storage.
4. Reinstall items in locations indicated. Comply with installation requirements for new materials and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated.

D. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected storage location during selective demolition, cleaned and reinstalled in their original locations after selective demolition operations are complete.

### 3.5 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.

1. Do not allow demolished materials to accumulate on-site.
2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
3. Remove debris from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
4. Comply with requirements specified in Section 017419 "Construction Waste Management and Disposal."

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

### 3.6 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

END OF SECTION 024119

## SECTION 066400 - PLASTIC PANELING (FRP)

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes:
  - 1. Plastic sheet paneling (FRP paneling).

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For plastic paneling and trim accessories, in manufacturer's standard sizes.

#### 1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Installer shall be a skilled applicator with a minimum of five (5) years experience on similar projects.

#### 1.4 PROJECT CONDITIONS

- A. Environmental Limitations: Do not deliver or install plastic paneling until HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Source Limitations: Obtain plastic paneling and trim accessories from single manufacturer.
- B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  - 1. Citadel FRP.
  - 2. Crane Composites (Glasboard).
  - 3. Marlite.
  - 4. Nudo Products, Inc.

#### 2.2 PLASTIC SHEET PANELING

- A. Glass-Fiber-Reinforced Plastic Paneling: Glass-fiber-reinforced plastic panels complying with ASTM D 5319.
  - 1. Panels shall be USDA accepted for incidental food contact.

2. Surface-Burning Characteristics: As follows when tested by a qualified testing agency according to ASTM E 84. Identify products with appropriate markings of applicable testing agency.
  - a. Flame-Spread Index: 25 or less.
  - b. Smoke-Developed Index: 450 or less.
3. Nominal Thickness: Not less than 0.09 inch (2.3 mm).

B. PANELING TYPE FRP-1

1. Surface Finish: Molded pebble texture.
2. Color: White (Marlite P100 White).

2.3 ACCESSORIES

- A. Trim Accessories: Manufacturer's standard one-piece vinyl extrusions designed to retain and cover edges of panels. Provide division bars, inside corners, outside corners, and caps as needed to conceal edges.
  1. Color: Match panels.
- B. Adhesive: As recommended by plastic paneling manufacturer and with a VOC content of 50 g/L or less.
- C. Sealant: Mildew-resistant, single-component, neutral-curing or acid-curing silicone sealant recommended by plastic paneling manufacturer and complying with requirements in Section 079200 "Joint Sealants."

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Remove wallpaper, vinyl wall covering, loose or soluble paint, and other materials that might interfere with adhesive bond.
- B. Prepare substrate by sanding high spots and filling low spots as needed to provide flat, even surface for panel installation.
- C. Clean substrates of substances that could impair adhesive bond, including oil, grease, dirt, and dust.
- D. Condition panels by unpacking and placing in installation space before installation according to manufacturer's written recommendations.

- E. Lay out paneling before installing. Locate panel joints where indicated to provide equal panels at ends of walls not less than half the width of full panels.
  - 1. Mark plumb lines on substrate at panel joint locations for accurate installation.

### 3.3 INSTALLATION

- A. Install plastic paneling according to manufacturer's written instructions.
- B. Install panels in a full spread of adhesive.
- C. Install trim accessories with adhesive and nails or staples. Do not fasten through panels.
- D. Fill grooves in trim accessories with sealant before installing panels, and bed inside corner trim in a bead of sealant.
- E. Maintain uniform space between adjacent panels and between panels and floors, ceilings, and fixtures. Fill space with sealant.
- F. Remove excess sealant and smears as paneling is installed. Clean with solvent recommended by sealant manufacturer and then wipe with clean dry cloths until no residue remains.

END OF SECTION 066400



# LINCOLN MIDDLE SCHOOL COMMUNITY HEALTH CLINIC

## 1600 LANCER DRIVE FORT COLLINS, COLORADO 80521

**KCG | LLC**  
KALERT | Consulting Group, LLC  
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**SHEET CONTENTS**  
TITLE SHEET, VICINITY MAP AND  
CODE INFORMATION

**LINCOLN HEALTH CLINIC**  
1600 LANCER DRIVE  
FORT COLLINS, CO 80521

NO.	BY	DESCRIPTION	DATE
1	KCG	Addendum 2	08.06.21

REVISIONS

### OWNER:

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Jason Lee  
Construction Project Manager

### ARCHITECT:

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Tom Kalert | AIA  
Architect

### MEP:

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EMAIL: tami@holleyfpe.com

Tami Holley | P.E.  
Fire Protection Engineer

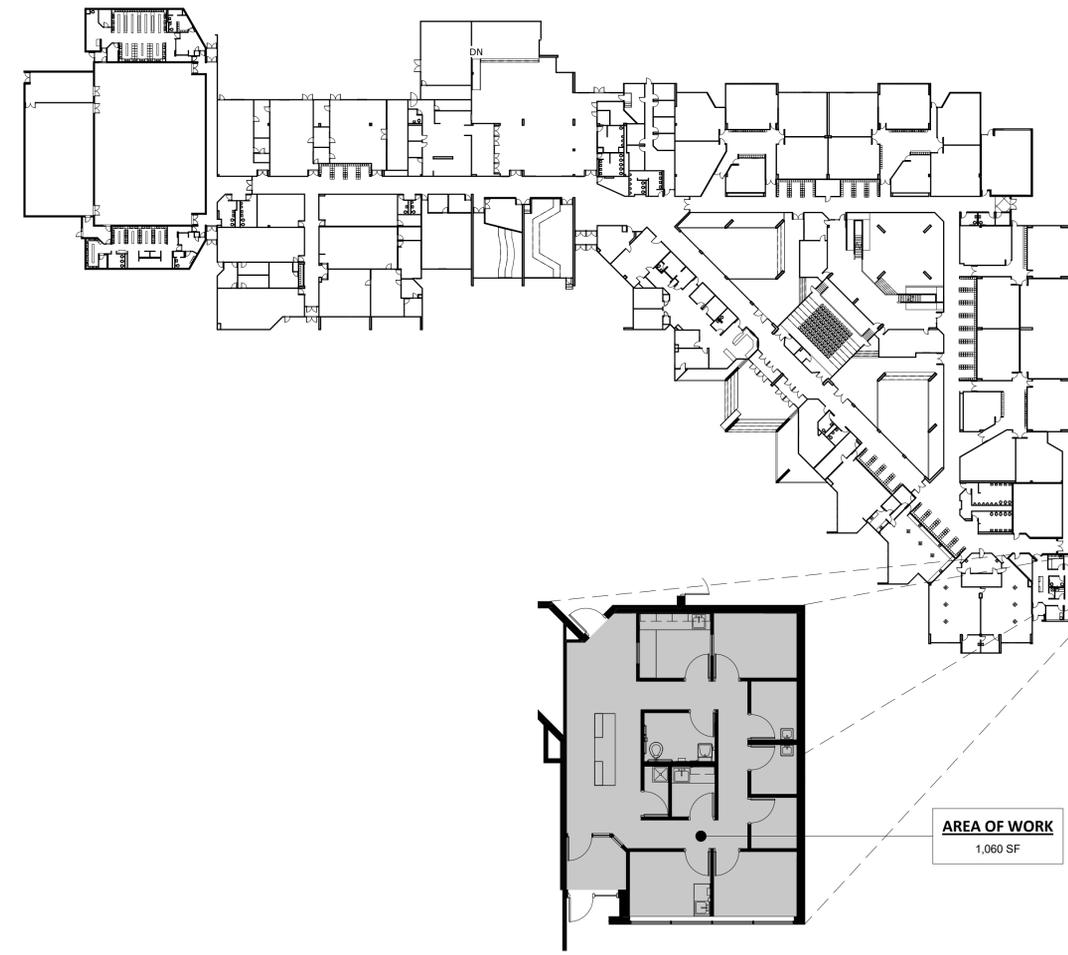
### DRAWING INDEX:

- A0 TITLE SHEET, VICINITY MAP AND CODE INFORMATION
- A1 ACCESSIBILITY AND EXITING PLAN AND CODE INFORMATION
- A2 DEMO AND NEW FLOOR PLANS, CEILING PLAN, DOOR AND ROOM FINISH SCHEDULE
- A3 INTERIOR ELEVATIONS AND DETAILS
- M0 MECHANICAL COVER SHEET
- M1 MECHANICAL DEMOLITION AND NEW PLANS
- M1.1 MECHANICAL PIPING DEMOLITION AND NEW PLANS
- M2 MECHANICAL ROOF DEMOLITION AND NEW PLANS
- M3 MECHANICAL DETAILS
- M3.0 MECHANICAL DETAILS
- M3.1 MECHANICAL SCHEDULES
- M3.2 MECHANICAL CONTROLS
- M4 NOT INCLUDED - NOT REQUIRED
- P0 UNDERFLOOR PLUMBING DEMOLITION AND NEW PLANS
- P1 PLUMBING DEMOLITION AND NEW PLANS
- P2 PLUMBING DETAILS
- P2.1 PLUMBING RISERS
- P3 PLUMBING SCHEDULES
- E0 ELECTRICAL COVER SHEET
- E1 POWER DEMOLITION AND NEW PLANS
- E2 LIGHT DEMOLITION AND NEW PLANS
- E3 ELECTRICAL ROOF DEMOLITION AND NEW PLANS
- E4 ELECTRICAL ONE-LINE DIAGRAM
- E5 ELECTRICAL DETAILS AND SCHEDULES
- T0 TECHNOLOGY COVER SHEET
- T1 TECHNOLOGY DEMOLITION AND NEW PLANS
- T2 TECHNOLOGY DETAILS
- T3 TECHNOLOGY SCHEDULES

- FA000 FIRE ALARM COVER SHEET
- FA101D FIRE ALARM PLAN - AREA D
- FA200 RISER DIAGRAM AND DETAILS
- FA300 BATTERY AND LOAD CALS AND SEQUENCE OF OPERATIONS
- FA400 GRAPHIC MAP AND CUSTOM ADDRESS LIST

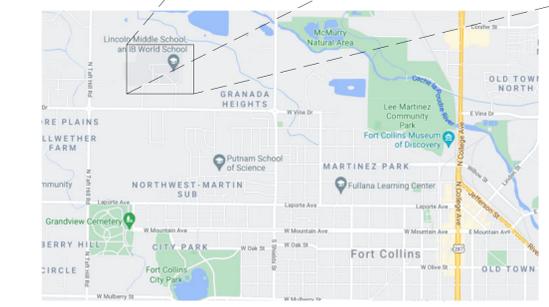
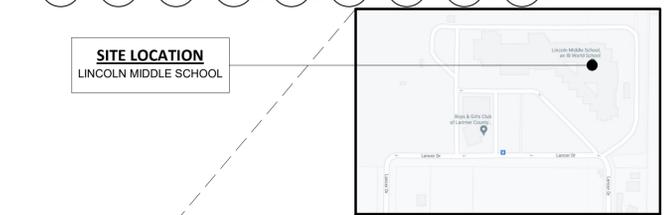
### ABBREVIATIONS:

ACOUS.	ACOUSTICAL	MATL.	MATERIAL
A.F.F.	ABOVE FINISH FLOOR	MECH.	MECHANICAL
ARCH.	ARCHITECTURAL	MEP.	MECHANICAL, ELECTRICAL, PLUMBING
		MFR.	MANUFACTURER
BD.	BOARD	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BLKG.	BLOCKING	MTD.	MOUNTED
BOT.	BOTTOM		
BSMT.	BASEMENT	(N)	NEW
		N	NORTH
C.J.	CONTROL JOINT	N.E.	NORTHEAST
CLG.	CEILING	N.I.C.	NOT IN CONTRACT
CLO.	CLOSET	N.T.S.	NOT TO SCALE
CLR.	CLEAR	O.C.	ON CENTER
COL.	COLUMN	O.D.	OUTSIDE DIAMETER
CONC.	CONCRETE	OPNG.	OPENING
CONST.	CONSTRUCTION	OPP.	OPPOSITE
CONT.	CONTINUOUS	OPP.HD.	OPPOSITE HAND
CPT.	CARPET		
		P.L.	PROPERTY LINE
DBL.	DOUBLE	P.LAM.	PLASTIC LAMINATE
DEPT.	DEPARTMENT	P.T.D.	PAPER TOWEL DISPENSER
DIA.	DIAMETER		
DIM.	DIMENSION	R.C.P.	REFLECTED CEILING PLAN
DIVD.	DIVIDED	R.D.	ROOF DRAIN
DR.	DOOR	REQD.	REQUIRED
DWG.	DRAWING	R.H.	RIGHT HAND
		R.O.W.	RIGHT OF WAY
(E)	EXISTING	S	SOUTH
EA.	EACH	S.E.	SOUTH EAST
E	EAST	SECT.	SECTION
E.J.	EXPANSION JOINT	S.E.D.	SEE ELECTRICAL DRAWINGS
ELEC.	ELECTRICAL	S.F.	SQUARE FOOT
EP.	ELECTRICAL PANEL	SHT.	SHEET
EQ.	EQUAL	S.L.D.	SEE LANDSCAPE DRAWINGS
EQUIP.	EQUIPMENT	S.M.D.	SEE MECHANICAL DRAWINGS
		S.P.D.	SEE PLUMBING DRAWINGS
F.A.	FIRE ALARM	SPECS.	SPECIFICATIONS
F.C.P.	FIRE CONTROL PANEL	S.S.D.	SEE STRUCTURAL DRAWINGS
F.D.	FLOOR DRAIN	STOR.	STORAGE
FDN.	FOUNDATION	STRUCT.	STRUCTURAL
F.F.	FINISH FLOOR		
F.F.E.	FINISH FLOOR ELEVATION	TEMP.	TEMPERED
F.E.C.	FIRE EXTINGUISHER CAB.	T & G	TONGUE AND GROOVE
FIN.	FINISH	T.O.P.	TOP OF PLATE
FIXT.	FIXTURE	T.O.W.	TOP OF WALL
FL.	FLOOR	T.P.	TOILET PARTITION
F.O.F.	FACE OF FINISH	T.O.	TOP OF
F.O.S.	FACE OF STUD	TYP.	TYPICAL
FR.	FRAME		
FTG.	FOOTING	U.B.C.	UNIFORM BUILDING CODE
		U.L.	UNDERWRITER'S LABORATORY
GA.	GAUGE	U.O.N.	UNLESS OTHERWISE NOTED
GALV.	GALVANIZED		
GYP.	GYPSUM	V.C.T.	VINYL COMPOSITION TILE
		VERT.	VERTICAL
HDR.	HEADER	VEST.	VESTIBULE
HDWE.	HARDWARE	V.I.F.	VERIFY IN FIELD
HORIZ.	HORIZONTAL		
		W.	WEST
I.D.	INSIDE DIAMETER	W/	WITH
INSUL.	INSULATION	W.C.	WATER CLOSET
INT.	INTERIOR	WD.	WOOD
		WDW.	WINDOW
JAN.	JANITOR	W/O	WITHOUT
JT.	JOINT	WT.	WEIGHT
		YD.	YARD
LAV.	LAVATORY		
LOUV.	LOUVER		
LT.	LIGHT		



### KEY AND AREA OF WORK PLAN:

NOT TO SCALE



### VICINITY MAP:

NOT TO SCALE



ISSUE FOR BIDDING - Addendum 2

SHEET NO.  
DAM  
KCG  
08.06.21  
**A0**

ROOM FINISH SCHEDULE								
NAME	NUMBER	FLOOR	WALL				CEILING	
			WEST	NORTH	EAST	SOUTH	FINISH	HEIGHT
CLINIC	514	LVT	CMU PT	CMU PT	GYP PT	GYP PT	VINLY ACP	9' - 0"
VEST	514A	LVT	CMU PT	GPY PT	GYP PT	-	GYP PT	9' - 0"
EXAM	514B	LVT	CMU/GPY PT	GPY PT	GYP PT	CMU PT	VINLY ACP	9' - 0"
OFFICE	514C	LVT	GPY PT	GPY PT	CMU PT	CMU PT	VINLY ACP	9' - 0"
TELE CON	514D	LVT	GPY PT	GPY PT	CMU PT	GYP PT	VINLY ACP	9' - 0"
CLEAN STOR	514E	LVT	GPY PT	GPY PT	CMU PT	GYP PT	VINLY ACP	9' - 0"
TELE CON	514F	LVT	GPY PT	GPY PT	CMU PT	GYP PT	VINLY ACP	9' - 0"
OBSERVATION	514G	LVT	GPY PT	CMU PT	CMU PT	GYP PT	VINLY ACP	9' - 0"
OFFICE	514H	LVT	GPY PT	CMU PT	GYP PT	GYP PT	VINLY ACP	9' - 0"
RR	514J	EPOXY	FRP/GYP PT	FRP/GYP	FRP/GYP	FRP/GYP	GYP PT	9' - 0"
LAB	514K	LVT	GPY PT	GPY PT	GYP PT	GYP PT	VINLY ACP	9' - 0"
CUST	514L	LVT	GPY PT	GPY PT	GYP PT	GYP PT	GYP PT	9' - 0"

DOOR SCHEDULE										
MARK	WIDTH	HEIGHT	DOOR			FRAME		HDW	NOTES	
			TYPE	MATERIAL	FINISH	MATERIAL	FINISH			
514.1	3'-0"	7'-0"	EXIST	HM	PT	HM	PT	5	CARD ACCESS	
514.2	3'-0"	7'-0"	EXIST	HM	PT	HM	PT	6	CARD ACCESS	
514A	3'-0"	7'-0"	2	WD	ST	HM	PT	4	PUSH-PULL	
514B	3'-0"	7'-0"	1	WD	ST	HM	PT	1	OFFICE	
514C	3'-0"	7'-0"	1	WD	ST	HM	PT	1	OFFICE	
514D	3'-0"	7'-0"	2	WD	ST	HM	PT	1	OFFICE	
514E	3'-0"	7'-0"	2	WD	ST	HM	PT	3	STORAGE	
514F	3'-0"	7'-0"	2	WD	ST	HM	PT	1	OFFICE	
514G	3'-0"	7'-0"	3	WD	ST	HM	PT	1	OFFICE	
514H	3'-0"	7'-0"	3	WD	ST	HM	PT	1	OFFICE	
514I	3'-0"	7'-0"	1	WD	ST	HM	PT	2	PRIVACY	
514K	3'-0"	7'-0"	2	WD	ST	HM	PT	1	OFFICE	
514L	3'-0"	7'-0"	1	WD	ST	HM	PT	3	STORAGE	

**GENERAL NOTES:**

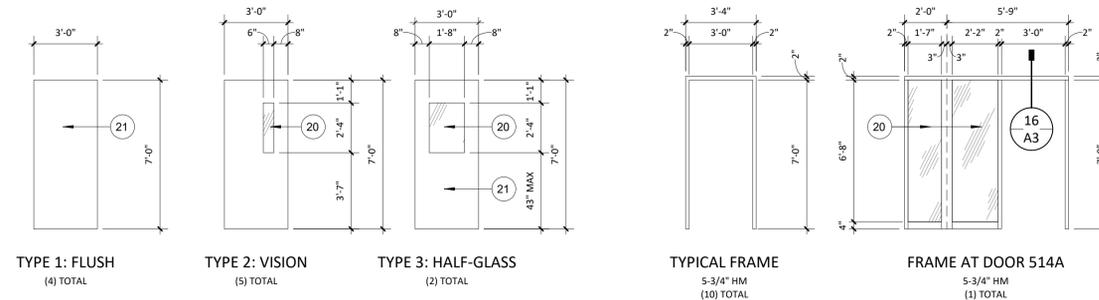
- CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS AND SHALL INFORM ARCHITECT AND OWNER OF ANY MAJOR DISCREPANCIES
- ALL GLAZING SHALL MEET CLASS II SAFETY STANDARDS MECHANICAL AND ELECTRICAL ITEMS SHOWN FOR REFERENCE ONLY - SEE MEP DRAWINGS
- ALL CABINETS DOORS AND DRAWERS SHALL RECEIVE LOCKS - TIMBERLINE COMPIX CAM LOCKS OR EQUAL

**DEMOLITION NOTES:**

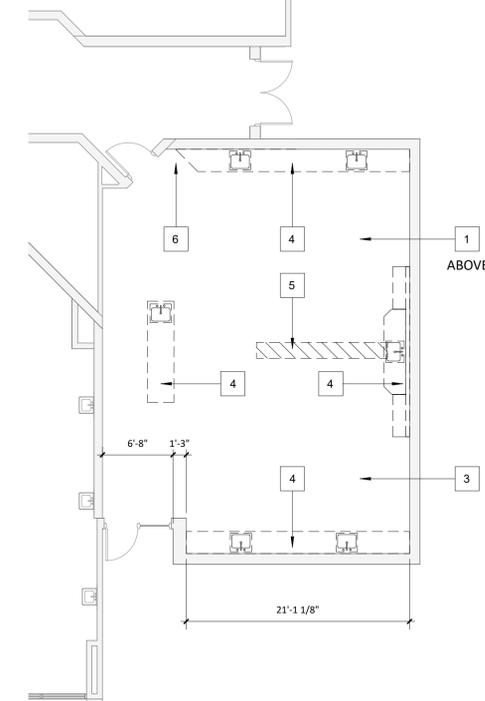
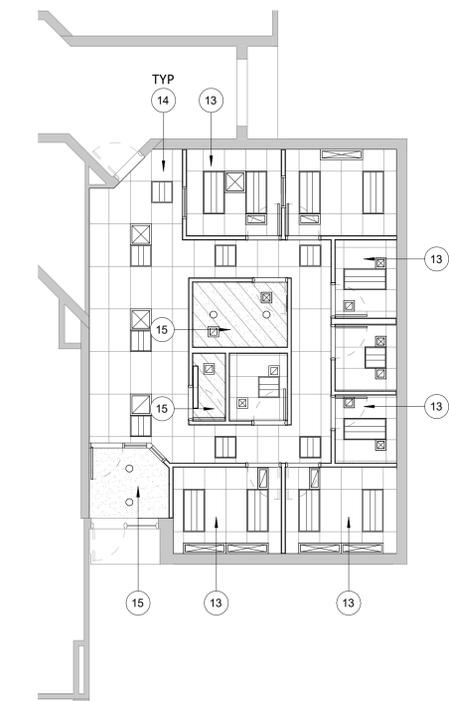
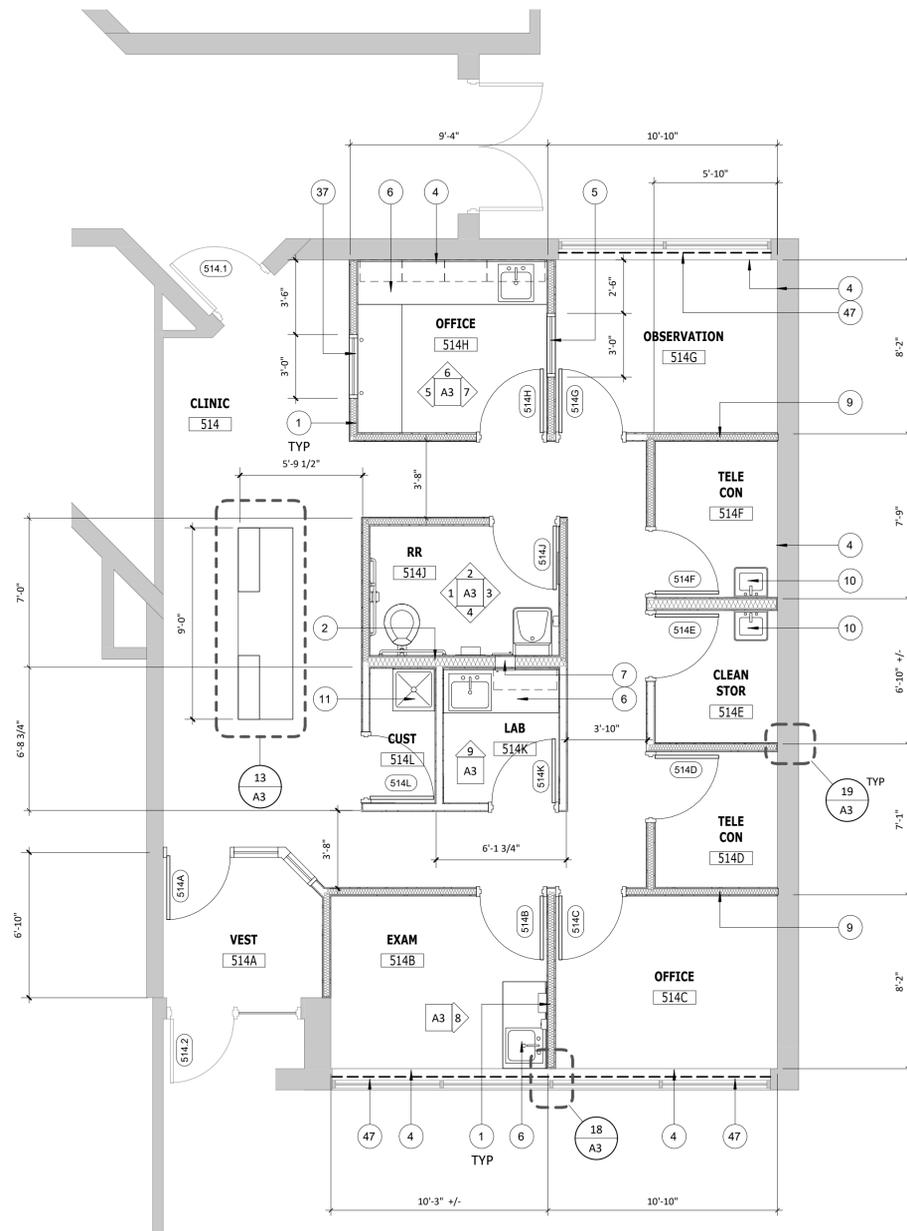
- REMOVE EXISTING ACP CEILING SYSTEM
- REMOVE EXISTING LIGHTING FIXTURES AND ALL CEILING MOUNTED ITEMS IN THIS AREA
- REMOVE EXISTING FLOORING
- REMOVE EXISTING CASEWORK, COUNTERTOPS AND PLUMBING FIXTURES - TYPICAL
- SAWCUT PORTION OF EXISTING CONCRETE FLOOR FOR INSTALLATION OF NEW PLUMBING - SEE MEP DRAWINGS FOR EXTENTS
- REMOVE EXISTING EYE WASH STATION - SALVAGE AND RETURN TO OWNER

**NEW KEY NOTES:**

- TYPICAL: NEW WALLS TO BE 3-5/8" STEEL STUD WITH 5/8" GYP. BD. AND RUBBER BASE BOTH SIDES. FRAME TO 6" ABOVE NEW CEILING - PROVIDE SOUND BATT INSULATION WHERE SHOWN
- NEW 6" STEEL STUD PLUMBING WALL WITH SOUND BATT INSULATION AND 5/8" GYP. BD. AND RUBBER BASE BOTH SIDES. FRAME TO 6" ABOVE NEW CEILING - PROVIDE SOUND BATT INSULATION WHERE SHOWN
- GYP. BD. BULKHEAD AT HM FRAME 514A - BRACE TO STRUCTURE ABOVE AS SHOWN - TYPICAL
- PATCH AND REPAIR EXISTING WALL FROM REMOVAL OF CASEWORK - TYPICAL
- 36" x 36" HOLLOW METAL OBSERVATION WINDOW, ALIGN WINDOW HEAD WITH ADJACENT DOOR
- COUNTERTOP AND CASEWORK - SEE ELEVATION
- PASS-THRU - SEE SPECIFICATIONS
- GYP. BD. CEILING AT VESTIBULE - SEE CEILING PLAN
- PROVIDE ADDITIONAL BLOCKING THIS WALL FOR OWNER FURNISHED WALL HUNG LED TELEVISION
- WALL MOUNTED HAND SINK - SEE PLUMBING DRAWINGS
- JANITOR SINK - SEE PLUMBING DRAWINGS
- 12" DEEP SHELVING
- PROVIDE ACOUSTICAL BALL INSULATION AT CEILING FULL COVERAGE
- VINYL FACED ACP CEILING TILES AT 9'-0" AFF - TYPICAL
- GYP. BD. CEILING AT 9'-0" AFF - TYPICAL
- CENTER NEW GYP. BD. WALL ON EXISTING WINDOW SPACING ABOVE - COORDINATE IN FIELD
- PROVIDE FRP PANELS TO 48" ABOVE
- PROVIDE SEALANT BEAD, FULL PERIMETER, BOTH SIDES. TYPICAL
- PROVIDE (2) 20 GA. METAL STUDS AT DOOR JAMB, TYPICAL
- 1/4" LAMINATED SAFETY GLAZING - GLAZING SHALL MEET CLASS II SAFETY STANDARDS
- INTERIOR DOORS: 3'-0" x 7'-0" FLUSH OR HALF-LIGHT WOOD DOOR (PLAIN SAWN RED OAK) IN HOLLOW METAL FRAME - STAIN AND FINISH DOOR TO MATCH EXISTING, DOOR PREP, HARDWARE AND HARDWARE INSTALLATION BY GENERAL CONTRACTOR
- PROVIDE BREAK METAL END CAP WITH HEMMED EDGES. PAINT TO MATCH WALL
- EXISTING METAL WINDOW FRAME. SEE PLAN, CENTER NEW WALL AND PARTITION CLOSER AS SHOWN
- FLUSH OUT METAL WINDOW FRAME TO BREAK METAL END CAP WITH WOOD CLOSER. PAINT TO MATCH END CAP
- CONTRACTOR TO INSURE ADA KNEE SPACE REQUIREMENT IS MET
- P-LAM FACED SINK APRON
- REMOVABLE P-LAM FACED SINK ACCESS PANEL TO MATCH CASEWORK
- PROVIDE FINISH FACED BASE CABINET AT ALL EXPOSED AREAS - TYPICAL
- PLAM COUNTERTOP WITH INTEGRAL BACKSPLASH
- ADA COMPLIANT SINK - SEE PLUMBING DRAWINGS
- PLAM COUNTERTOP WITH PLAM EDGING - COLOR TO BE DETERMINED
- PLAM TOE-KICK TO MATCH CABINETS - TYPICAL
- PLAM UPPER CABINET WITH WHITE MELAMINE FACED INTERIOR - COLOR TO BE DETERMINED - SEE ELEVATIONS FOR SIZING AND TYPES
- MELAMINE FACED ADJUSTABLE SHELVING - TYPICAL
- PROVIDE BLOCKING AT UPPER CABINET LOCATIONS - TYPICAL
- PLAM BASE CABINET WITH MELAMINE FACED INTERIOR - COLOR TO BE DETERMINED - SEE ELEVATIONS FOR SIZING AND TYPES
- NEW SLIDING GLASS WINDOW KIT WITH LOCK IN NEW 3'-0" x 3'-0" HOLLOW METAL FRAME
- PROVIDE J-BEAD TERMINATION PIECE AND SEALANT AT GYP. BD. TO CMU OR ACP LOCATION
- EXISTING MASONRY WALL. SHOWN FOR REFERENCE
- PLAM COUNTERTOP - PROVIDE (2) GROMMET LOCATIONS AS SHOWN IN PLAN - COORDINATE WITH OWNER
- 12" PLAM TRANSACTION TOP TO MATCH RECEPTION AT 3'-8"
- 3-5/8" STEEL STUD WALL WITH 5/8" GYP. BD. AND RUBBER BASE BOTH SIDES - SEE ELEVATIONS
- PROVIDE 4" RUBBER BASE BOTH SIDES OF NEW GYP. BD. WALL - TYPICAL
- ACP OR GYP. BD. CEILING AT 9'-0" - SEE CEILING PLAN
- BRACE TOP OF WALL TO STRUCTURE ABOVE AT 48" OC - TYPICAL
- HOLLOW METAL FRAME - SEE FRAME ELEVATIONS
- PROVIDE NEW ROLLER SHADES - SEE SPECIFICATIONS
- NEW CONCRETE PATCH - COORDINATE EXTENT IN FIELD
- EXISTING 4" CONCRETE SLAB TO REMAIN, PREP FOR NEW CONCRETE PATCH
- NEW #5 REBAR AT 24" O.C. - GREASE AND WRAP BAR ENDS IN EXISTING CONCRETE
- EXISTING 4" POROUS FILL TO REMAIN
- NEW 4" POROUS FILL - SEE SPECIFICATIONS
- UNDISTURBED EARTH TO REMAIN
- NEW FILL - SEE SPECIFICATIONS



**4 DOOR AND FRAME TYPES AND SCHEDULE**  
1/4" = 1'-0"



**3 AREA OF WORK - NEW CONSTRUCTION**  
1/4" = 1'-0"

**2 REFLECTED CEILING PLAN**  
1/8" = 1'-0"

**1 AREA OF WORK - DEMOLITION**  
1/8" = 1'-0"

**KCG | LLC**  
KALERT | Consulting Group, LLC  
2429 Stonestree Drive  
Fort Collins, Colorado 80521  
tomkalera@gmail.com

STATE OF COLORADO  
THOMAS F. KALERT  
#208124  
08.06.21  
LICENSED ARCHITECT

**SHEET CONTENTS**  
DEMO AND NEW FLOOR PLANS,  
CEILING PLAN, DOOR AND  
ROOM FINISH SCHEDULES

**LINCOLN HEALTH CLINIC**  
1600 LANCER DRIVE  
FORT COLLINS, CO 80521

**ISSUE FOR BIDDING - Addendum 2**

NO.	BY	DESCRIPTION	DATE
1	KCG	ADDENDUM 1	08.06.21

DESIGNED BY: DAM  
CHECKED BY: KCG  
DATE: 08.06.21

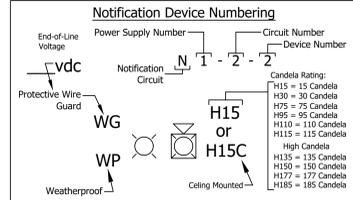
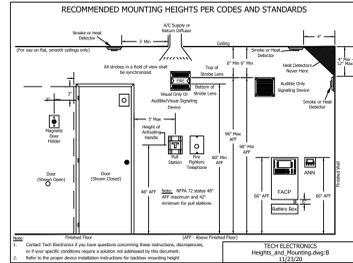
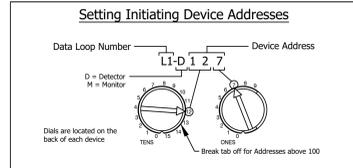
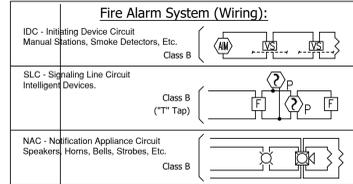
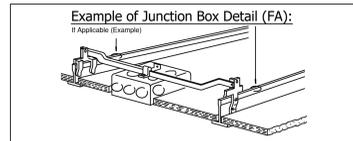
REVISIONS

SHEET NO. **A2**

# POUDRE SCHOOL DISTRICT LINCOLN MIDDLE SCHOOL

1600 Lancer Dr  
Fort Collins, CO 80521

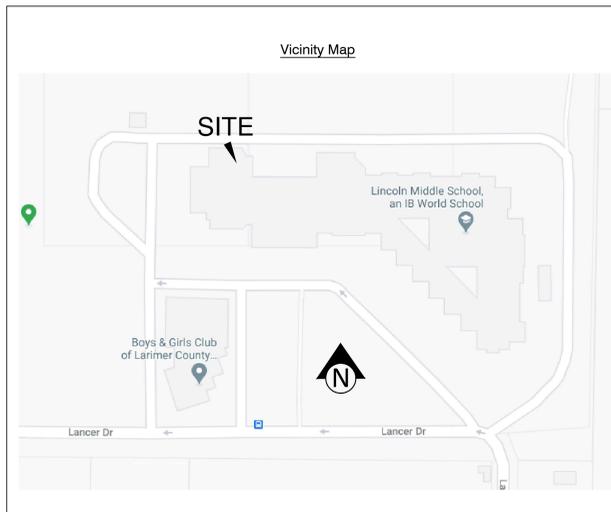
## Fire Alarm System Drawings



Symbols Legend				
Symbol	Description	Mounting	Manufacturer	Part #
[FACP]	Intelligent Fire Alarm System Control Panel (Existing)	SBB-4X Enclosure at 72" to Top	Notifier	AFP-200
[MAP]	Custom Graphic Map (Picture Frame)	Surface Mount	Tech Electronics	Ref. to GMAP Sheet for size
[P]	Intelligent Photo Smoke Detector (Existing)	4 Square Deep with 3" Round Ring	Notifier	FSP-851 with B210LP Base
[P]	Intelligent Photo Smoke Detector	4 Square Deep with 3" Round Ring	Notifier	FSP-951 with B300-6 Base
[H]	Intelligent Heat Detector (135 Degree Fixed Temperature) (Existing)	4 Square Deep with 3" Round Ring	Notifier	PST-851 with B210LP Base
[D]	Duct Detector Remote Indicator with Keyed Test Switch (Existing)	1 Gang at Ceiling or at 80" to Center on Wall	Notifier	RTS-151KEY
[RTI]	Intelligent Duct Smoke Detector	Surface (Ref. Mfg Information)	Notifier	DNR / FSP-851R
[M]	Addressable Manual Pull Station	1 Gang at 48" to Center	Notifier	NBG-12LX
[M]	Addressable Monitor Module	4 Square Deep	Notifier	FMM-1
[SD]	Motorized Smoke Damper		By Others	
[R]	Addressable Relay Module with R-10E	4 Square Deep	Notifier	FRM-1 w/ R-10E
[H]	Conventional Heat Detector		By Others	
[PS]	Audible Power Supply, 10 Amp	Surface Mount	Potter	PSN-106
[H15]	Horn with Multi Candela Sync Strobe at 15cd	1 Gang at 80" to Bottom	Notifier	P2RL
[H75]	Horn with Multi Candela Sync Strobe at 75cd	1 Gang at 80" to Bottom	Notifier	P2RL
[H135]	Horn with High Candela Sync Strobe at 135cd	1 Gang at 80" to Bottom	Notifier	P2RL
[H185]	Horn with High Candela Sync Strobe at 185cd	1 Gang at 80" to Bottom	Notifier	P2RL
[WP]	Weatherproof Horn with Multi Candela Sync Strobe at 185cd	Weatherproof Back Box at 80" to Bottom	Notifier	P2RK
[15]	Multi Candela Sync Strobe at 15cd	1 Gang at 80" to Bottom	Notifier	SRL
[75]	Multi Candela Sync Strobe at 75cd	1 Gang at 80" to Bottom	Notifier	SRL
[H15C]	Ceiling Horn with Multi Candela Sync Strobe at 15cd	4 Square Deep	Notifier	PC2RL
[H30C]	Ceiling Horn with Multi Candela Sync Strobe at 30cd	4 Square Deep	Notifier	PC2RL
[H75C]	Ceiling Horn with Multi Candela Sync Strobe at 75cd	4 Square Deep	Notifier	PC2RL
[H95C]	Ceiling Horn with Multi Candela Sync Strobe at 95cd	4 Square Deep	Notifier	PC2RL
[H115C]	Ceiling Horn with Multi Candela Sync Strobe at 115cd	4 Square Deep	Notifier	PC2RL
[15C]	Ceiling Multi Candela Sync Strobe at 15cd	4 Square Deep	Notifier	SCRL
[30C]	Ceiling Multi Candela Sync Strobe at 30cd	4 Square Deep	Notifier	SCRL
[75C]	Ceiling Multi Candela Sync Strobe at 75cd	4 Square Deep	Notifier	SCRL
[95C]	Ceiling Multi Candela Sync Strobe at 95cd	4 Square Deep	Notifier	SCRL
[115C]	Ceiling Multi Candela Sync Strobe at 115cd	4 Square Deep	Notifier	SCRL
[KH]	Kitchen Hood System (Existing)		Supplied by Others	
[SS]	120 Volt 20 amp Surge Protection		E-Clips	E120V-GT
[WG]	Wall Horn Strobe Wire Guard Damage Stopper, White	Flush Mount	STI	STI-9705-R

Wire Legend				
Symbol	Description	MFG.	Part Number	Type of Circuit Application
A	1 pair 16 AWG Twisted / Unshielded Fire Alarm Cable (FPLP)	West Penn	60991BT-RD	Conventional (IDC) Circuit Plenum
C	1 pair 14 AWG Twisted / Unshielded Fire Alarm Cable (FPLP)	West Penn	60993BT-VO	Audible (NAC) Circuit Plenum
D	1 pair 16 AWG Twisted / Unshielded Fire Alarm Cable (FPLP)	West Penn	60991B-SLC	Data (SLC) Circuit Plenum
P	1 pair 14 AWG Twisted / Unshielded Fire Alarm Cable (FPLP)	West Penn	60993B-P	Aux Power Circuit Plenum
U	1 pair 14 AWG Twisted / Unshielded Fire Alarm Cable (FPLP)	West Penn	60993B-OR	NAC Sync Circuit Plenum

Wire Manufacturer is for Reference Purpose Only, Consult NEC and Specifications for Wiring Methods.



- ### FIRE ALARM SYSTEMS GENERAL APPLICATION NOTES
- INSTALLATION SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH NFPA, LOCAL AND STATE AHJ'S, NEC, AND CONTRACT DRAWINGS.
  - WIRE ROUTING IS DIAGRAMMATIC IN NATURE ONLY AND NOT INTENDED FOR ACTUAL CONDUIT ROUTING.
  - ALL CONDUIT SIZING AND ROUTING BY ELECTRICAL CONTRACTOR PER NEC AND AHJ.
  - THE SYSTEM SHALL BE MONITORED BY A UL LISTED MONITORING STATION BEFORE THE AHJ TEST.
  - FIELD VERIFY SPRINKLER WATER FLOW, SMOKE DAMPERS AND DUCT DETECTOR LOCATIONS.
  - FIELD VERIFY ALL WIRING LOCATIONS AND REQUIREMENTS FOR HVAC AND FAN CONTROL.
  - SMOKE DETECTORS SHALL NOT BE LOCATED WITHIN 3'-0" OF AIR DIFFUSERS.
  - NFPA 72 REQUIRES THAT NO SMOKE DETECTORS ARE TO BE INSTALLED UNTIL AFTER FINAL CONSTRUCTION CLEAN-UP. DETECTORS THAT HAVE BEEN INSTALLED PRIOR TO CLEAN-UP MUST BE CLEANED OR REPLACED ACCORDING TO NFPA 72, 2016 edition.
  - FACP SHALL BE FUNCTIONAL WHILE THE BUILDING IS OCCUPIED. DOWNTIME SHALL BE COORDINATED WITH OWNER.
  - ALL CIRCUITS WILL BE PROPERLY TAGGED AND TESTED FOR OPENS, SHORTS, GROUNDS AND PROPER END OF LINE RESISTANCE. EACH CIRCUITS METER READING MUST BE DOCUMENTED AND PRESENTED TO FIELD TECHNICIAN UPON ARRIVAL ON SITE FOR CHECKOUT.
  - A SET OF INSTALLATION AS-BUILT DRAWINGS SHOWING ACTUAL CONDUIT AND CONDUCTOR ROUTES SHALL BE KEPT BY PROJECT FOREMAN FOR USE BY FIELD TECHNICIANS.
  - AGREEMENT AND CONFIRMATION OF ALL MILESTONE EVENTS WILL BE MADE WITH TECH ELECTRONICS PROJECT MANAGER. SERVICES MUST BE SCHEDULED WITH PROJECT MANAGER WITH A MINIMUM OF TEN WORKING DAYS NOTICE.
  - NO "T" TAPPING IS ALLOWED FOR NEW WIRE UNLESS APPROVED BY OWNER AND ENGINEER.
  - MOUNT AUDIBLE/VISUAL WALL DEVICE BACK BOX BETWEEN 80" AND 96" TO BOTTOM OF BACK BOX AFF. SEE FLOOR PLANS FOR CANDELA RATING OF DEVICE BEING INSTALLED.
  - DO NOT ATTACH THE LAST NOTIFICATION APPLIANCE TO THE WALL UNTIL VOLTAGE READINGS ARE RECORDED ON DRAWINGS BY TECH ELECTRONICS TECHNICIAN.
  - REFERENCE THE INSTALLATION MANUALS FOR THE DUCT SMOKE DETECTORS. INSTALL THE PROPER DUCT SAMPLING TUBE FOR THE WIDTH OF THE DUCT AS INDICATED IN THE INSTALLATION MANUAL. IF PROPER SAMPLE TUBES HAVE NOT BEEN SUPPLIED CALL TECH ELECTRONICS FOR THE PROPER TUBE REQUIRED.
  - REFER TO MANUFACTURER INSTALLATION SHEETS FOR ALL MONITOR MODULES, RELAY MODULES AND CONTROL MODULES.

Applicable Codes	
<b>Building Classifications and Codes</b>	
Main Occupancy Classification:	E
Sub Occupancy Classification:	A2.1, B
Stories:	1
Basement:	N/A
Square Footage:	
Total Building:	107,220 sf
Construction Type:	II-B
Fire Sprinkler System:	Non-Sprinklered
<b>Fire Alarm System:</b>	
Type of System:	Addressable
Type of Visual Notification:	Public Mode
Type of Audible Notification:	Temporal Pattern
Fire Alarm: Yes - Pull Stations, Heat Detectors, Smoke Detectors, Notification for Occupants, and Communication to Central Monitoring Agency.	
Codes: International Codes (IBC/IMC/IFC), 2018 Edition National Electric Code (NEC), 2020 Edition Local City Amendments NFPA-72 2016 Edition for Placement of Fire Alarm Devices	

### Scope of Work

Classroom 514 shall be converted to a medical clinic. Horns and strobes shall be provided in corridors, exam rooms, and observation rooms. Smoke detectors shall be provided in corridors.

### Authority Having Jurisdiction

Poudre Fire Authority  
102 Remington Street  
Fort Collins, CO 80524  
(970)416-2892

### Fire Alarm Engineer

TLH Fire  
6901 S. Pierce, Suite 205  
Littleton, Colorado 80128  
(303) 517-1775

### Installing Electrical Contractor

Weifeld Group Contracting  
6950 S. Jordan Road  
Centennial, CO 80112  
(303)407-6638  
Contact: Chris Oberle

Sheet Index	
Sheet Number	Description
FA000	Cover Sheet
FA101D	Fire Alarm Plan - Area D
FA200	Riser Diagram / Details
FA300	Battery and Load Calculations / Sequence of Operations
FA400	Graphic Map / Custom Address List



## GENERAL NOTES

- EACH ALARM AND SUPERVISORY SIGNAL INITIATING DEVICE CIRCUIT SHALL BE WIRED FOR CLASS "B" / STYLE "4" OPERATION. FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT SHALL BE WIRED FOR CLASS "B" / STYLE "Y" OPERATION.
- THE EXTERIOR OF ALL FIRE ALARM SYSTEM JUNCTION BOXES SHALL BE PAINTED RED.
- ALL PENETRATIONS IN WALLS, CEILINGS, AND FLOORS SHALL BE SEALED TO THE FULL THICKNESS OF THE PENETRATION WITH AN APPROVED FIRE STOPPING MATERIAL. PENETRATIONS IN EXISTING FIRE RATED WALLS, CEILINGS AND FLOORS SHALL BE SEALED TO THE FULL THICKNESS OF THE PENETRATION WITH AN APPROVED FIRE-STOPPING MATERIAL OF EQUAL OR GREATER FIRE RESISTANCE.
- ALL WALL AND FLOOR PENETRATIONS SHALL BE CORE-DRILLED AND SLEEVED.
- MANUAL PULL STATIONS SHALL BE MOUNTED AT 48 INCHES ABOVE THE FINISHED FLOOR TO CENTER OF DEVICE.
- WALL-MOUNTED AUDIO APPLIANCES SHALL BE MOUNTED WITH THE TOP OF THE APPLIANCE NOT LESS THAN 90 INCHES ABOVE THE FINISHED FLOOR AND BELOW THE CEILING NOT LESS THAN 6 INCHES.
- WALL-MOUNTED VISUAL APPLIANCES SHALL BE MOUNTED WITH THE ENTIRE LENS NOT LESS THAN 80 INCHES ABOVE THE FINISHED FLOOR OR 6 INCHES BELOW THE CEILING, WHICHEVER IS LOWER.
- WALL-MOUNTED AUDIO/VISUAL APPLIANCES SHALL BE MOUNTED WITH THE ENTIRE LENS NOT LESS THAN 80 INCHES ABOVE THE FINISHED FLOOR OR 6 INCHES BELOW THE CEILING, WHICHEVER IS LOWER.
- LOCATE DETECTORS A MINIMUM OF 3 FEET FROM AIR DIFFUSERS OF AIR HANDLING UNITS, AND A MINIMUM OF 12 INCHES FROM ANY PART OF ANY LIGHTING FIXTURE.
- ALL DETECTOR BASES SHALL BE MARKED IN PERMANENT INK WITH DEVICE ADDRESS INTERNALLY AS WELL AS TYPEWRITTEN LABEL ON THE BASE.
- LOCATE INTERFACE MODULES WITHIN 3 FEET OF DEVICE THAT IS CONTROLLED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING THE MEETING MINUTES AND DISTRIBUTING THEM ELECTRONICALLY WITHIN THREE BUSINESS DAYS OF THE MEETING.
- THE FIRE ALARM SYSTEM VENDOR IS RESPONSIBLE FOR PROVIDING ALL COMPONENTS NECESSARY FOR PROPER SYSTEM FUNCTION ON THE SHOP DRAWING SUBMITTAL.
- ALL SURFACE MOUNTED DEVICES SHALL HAVE THE BACKBOX PROTECTED WITH A DEVICE SPECIFIC BACKBOX SKIRT.
- WIRING SHALL NOT BE T-TAPPED. INTELLIGENT DEVICE WIRING T-TAPS SHALL BE APPROVED BY ENGINEER AND OWNER PRIOR TO INSTALLATION.

## CEILING INFORMATION

CEILINGS IN CORRIDORS, ADMINISTRATIVE AREA AND NEW ADDITION CLASSROOMS ARE SUSPENDED ACOUSTICAL TILE (SAT) LESS THAN 10' ABOVE FINISHED FLOOR. CEILING IN CAFETERIA IS SAT 14' ABOVE FINISHED FLOOR. THE GYM, LIBRARY, AND ALL OTHER CLASSROOMS HAVE EXPOSED BEAM CONSTRUCTION.

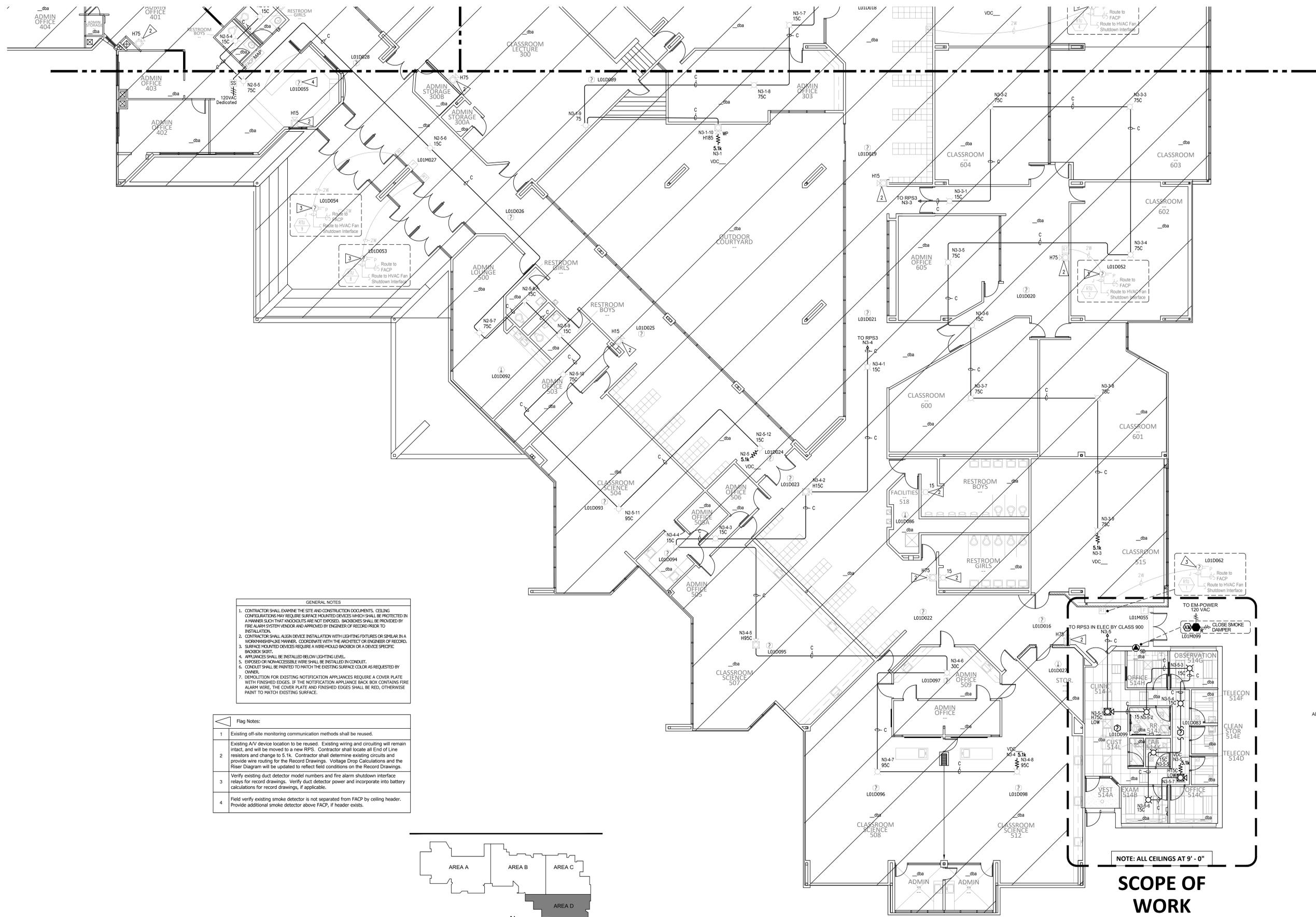
## ENVIRONMENTAL CONCERNS

LEAD-BASED PAINT: PLEASE KNOW THAT IF YOU WILL BE DISTURBING AN INTERIOR PAINTED SURFACE OF OVER 6 SQ. FT. A LEAD BASED PAINT SAMPLE SHOULD BE GATHERED PRIOR. ASBESTOS: WHILE THE REPORTS WILL GIVE SOME INSIGHT INTO CERTAIN BUILDING MATERIALS. THEY DO NOT PROVIDE ENOUGH INFORMATION TO BE CONSIDERED A COMPREHENSIVE EVALUATION OF THE PROJECT TO ENSURE NO ACM WILL BE IMPACTED. THIS IS A SUBSTANTIAL PROJECT AND ONE THAT SHOULD BE EVALUATED BY A THIRD PARTY CONSULTANT, RLI ENGINEERING, TO ENSURE NO ASBESTOS IS IMPACTED.

## PROTECTION DURING CONSTRUCTION

CONTRACTOR SHALL PROTECT EXISTING SMOKE DETECTOR SENSORS DURING CONSTRUCTION AND CLEAN UP IN ACCORDANCE WITH NFPA 72 §17.1.11.3.

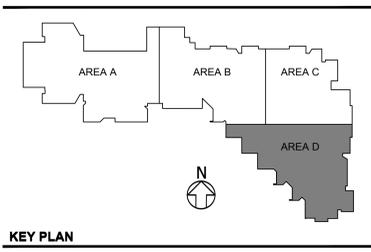
ISSUES & REVISIONS:		
ADDENDUM NO. 2:	DATE: 8/6/2021	BY: ZCR
DESCRIPTION: EXAM ROOM CHANGE		
NO.:	DATE:	BY:
DESCRIPTION:		
NO.:	DATE:	BY:
DESCRIPTION:		
DESCRIPTION: <b>SHOP DRAWINGS</b>		
DATE: <b>MAY 12, 2021</b>	SCALE:	PAPER: <b>30 x 42</b>
PROJECT MANAGER: ---	PROJECT NO.: <b>21572-4E</b>	
DRAWN BY: <b>GPR</b>	DRAWING FILE: <b>LINCOLN MS FA TLH</b>	
OWNER: <b>POUDRE SCHOOL DISTRICT 2407 LAPORTE AVENUE FORT COLLINS, CO 80521</b>		
PROJECT: <b>LINCOLN MIDDLE SCHOOL 1600 LANCER DRIVE, FORT COLLINS, CO 80521</b>		
SHEET TITLE: <b>COVER SHEET</b>		



- GENERAL NOTES**
- CONTRACTOR SHALL EXAMINE THE SITE AND CONSTRUCTION DOCUMENTS. CEILING CONFIGURATIONS MAY REQUIRE SURFACE MOUNTED DEVICES WHICH SHALL BE PROTECTED IN A MANNER SUCH THAT KNOCKOUTS ARE NOT EXPOSED. BACKBOXES SHALL BE PROVIDED BY FIRE ALARM SYSTEM VENDOR AND APPROVED BY ENGINEER OF RECORD PRIOR TO INSTALLATION.
  - CONTRACTOR SHALL ALIGN DEVICE INSTALLATION WITH LIGHTING FIXTURES OR SIMILAR IN A WORKMANSHIP-FUL MANNER. COORDINATE WITH THE ARCHITECT OR ENGINEER OF RECORD.
  - SURFACE MOUNTED DEVICES REQUIRE A WIRE-MOULD BACKBOX OR A DEVICE SPECIFIC BACKBOX SIGHT.
  - APPLIANCES SHALL BE INSTALLED BELOW LIGHTING LEVEL.
  - EXPOSED OR NON-ACCESSIBLE WIRE SHALL BE INSTALLED IN CONDUIT.
  - CONDUIT SHALL BE PAINTED TO MATCH THE EXISTING SURFACE COLOR AS REQUESTED BY OWNER.
  - DEMOLITION FOR EXISTING NOTIFICATION APPLIANCES REQUIRE A COVER PLATE WITH FINISHED EDGES. IF THE NOTIFICATION APPLIANCE BACK BOX CONTAINS FIRE ALARM WIRE, THE COVER PLATE AND FINISHED EDGES SHALL BE RED, OTHERWISE PAINT TO MATCH EXISTING SURFACE.

**Flag Notes:**

1	Existing off-site monitoring communication methods shall be reused.
2	Existing AV device location to be reused. Existing wiring and circuiting will remain intact, and will be moved to a new RPS. Contractor shall locate all End of Line resistors and change to 5.1k. Contractor shall determine existing circuits and provide wire routing for the Record Drawings. Voltage Drop Calculations and the Riser Diagram will be updated to reflect field conditions on the Record Drawings.
3	Verify existing duct detector model numbers and fire alarm shutdown interface relays for record drawings. Verify duct detector power and incorporate into battery calculations for record drawings, if applicable.
4	Field verify existing smoke detector is not separated from FACP by ceiling header. Provide additional smoke detector above FACP, if header exists.



**Fire Alarm Plan - Area D**  
Scale: 1/8" = 1'-0"

**SCOPE OF WORK**

NOTE: ALL CEILINGS AT 9' - 0"



ISSUES & REVISIONS:  
ADDENDUM NO. 2 DATE: 8/6/2021 BY: ZCR  
DESCRIPTION: EXAM ROOM CHANGE

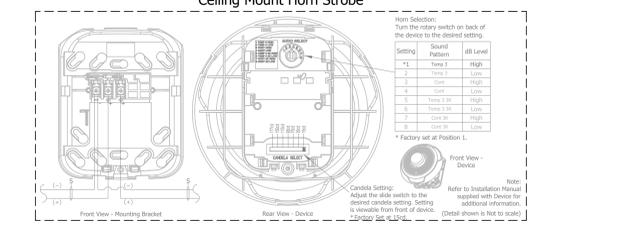
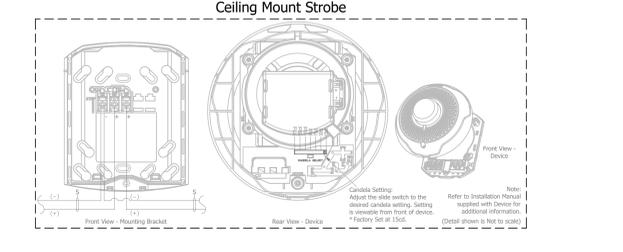
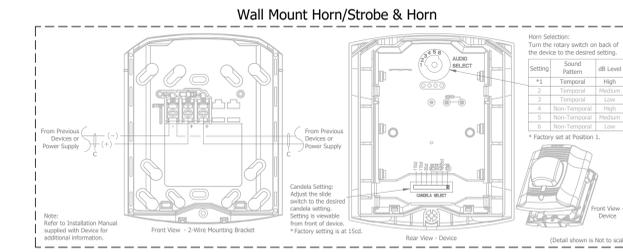
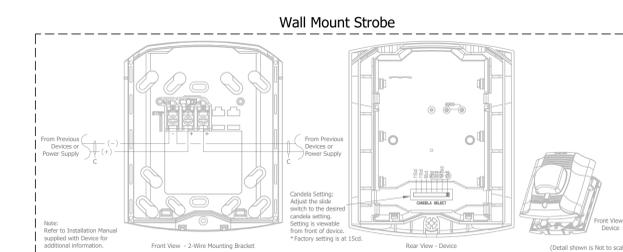
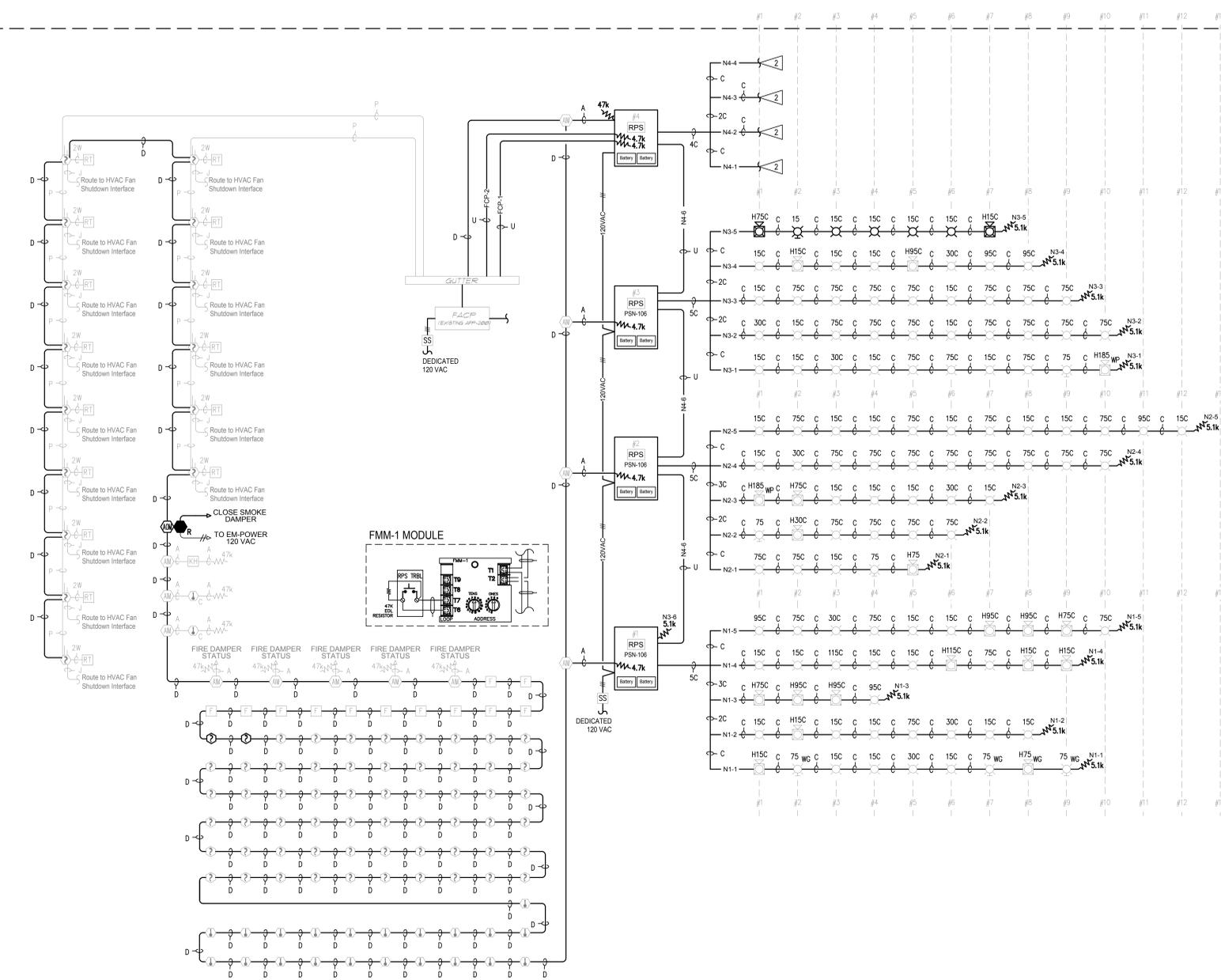
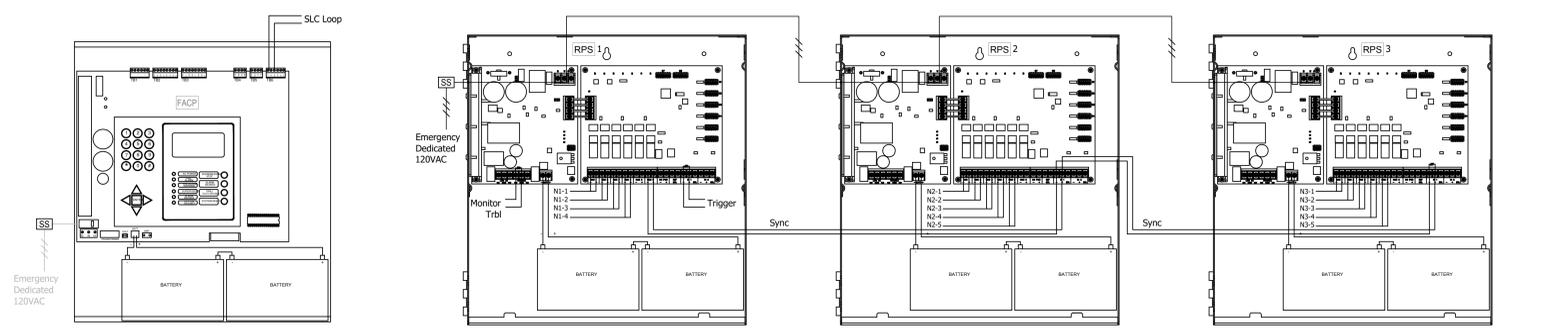
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**SHOP DRAWINGS**  
DATE: MAY 12, 2021 SCALE: PAPER: 30 x 42  
PROJECT MANAGER: PROJECT NO.: 21572-4E  
DRAWN BY: GPR DRAWING FILE: LINCOLN MS FA TLH

OWNER:  
**POUDRE SCHOOL DISTRICT  
2407 LAPORTE AVENUE  
FORT COLLINS, CO 80521**

PROJECT:  
**LINCOLN MIDDLE SCHOOL  
1600 LANCER DRIVE,  
FORT COLLINS, CO 80521**

SHEET TITLE:  
FIRE ALARM PLAN - AREA D



ISSUES & REVISIONS:  
 ADDENDUM NO. 2 DATE: 8/6/2021 BY: ZCR

DESCRIPTION: EXAM ROOM CHANGE  
 NO. DATE: BY:

DESCRIPTION:  
 NO. DATE: BY:

DESCRIPTION:  
 SHOP DRAWINGS

DATE: MAY 12, 2021 SCALE: PAPER: 30 x 42

PROJECT MANAGER: PROJECT NO.: 21572-4E  
 ---

DRAWN BY: GPR DRAWING FILE: LINCOLN MS FA TLH

OWNER:  
 Poudre School District  
 2407 Laporte Avenue  
 Fort Collins, CO 80521

Riser Diagram - Fire Alarm System  
 Scale: Not to Scale

Lincoln Middle School Notifier AFP-200 (Existing)						
Battery Back up Calculation						
Location: Main Office						
Item	Qty	Part #	Description	Standby	Alarm	Total
1	1	AFP-200	Fire Alarm Control Panel	0.100000	0.150000	0.150000
2	15	NBG-12LX	Addressable Manual Pull Station	0.000270	0.000270	0.000450
3	58	FSP-851	Intelligent Photoelectric Smoke Detector Ip	0.000360	0.006500	0.020880
4	22	FST-851R	Intelligent Heat Detector Ip (Rate of Rise / Fixed 135 Deg)	0.000360	0.006500	0.020880
5	15	FSD-751P	Intelligent Photoelectric Duct Smoke Detector	0.000300	0.000300	0.000450
6	15	RTS151KEY	Remote Test Station, w/ Key Reset Switch	0.000000	0.012000	0.000000
7	12	FMM-1	Addressable Monitor Module	0.000400	0.005100	0.009480
<b>New Devices</b>						
8	1	FRM-1	Addressable Relay Module	0.000255	0.000000	0.000255
9	2	FSP-951	Intelligent Photoelectric Duct Smoke Detector Ip	0.000200	0.004500	0.000900
10	1	R-10E	Multi-Voltage Relay	0.020000	0.000000	0.020000
				0.162805		0.928750
Standby Current Total Hours =					X 24 (Hours)	= 3.907320
Alarm Current Total Minutes =				0.928750	X 0.084 (5 Mins)	= 0.077086
Total						3.984406
20% Battery Depletion						0.796881
Total AH Rated Batteries Needed						4.781288
Total AH Rated Batteries Supplied						7AH
AC Power Draw						0.00

Lincoln Middle School Potter PSN-106 (RPS1)						
Battery Back up Calculation						
Location: Electrical Closet						
Item	Qty	Part #	Description	Standby	Alarm	Total
1	1	PSN-106	Remote Power Supply	0.075000	0.075000	0.075000
2	1	P2RL	Horn with Multi Candela Sync Strobe at 75cd	0.000000	0.185000	0.185000
3	3	SRL	Multi Candela Sync Strobe at 75cd	0.000000	0.136000	0.408000
4	4	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 15cd	0.000000	0.108000	0.432000
5	2	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 75cd	0.000000	0.179000	0.358000
6	4	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 95cd	0.000000	0.200000	0.800000
7	1	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 115cd	0.000000	0.225000	0.225000
8	14	SCRL	Ceiling Multi Candela Sync Strobe at 15cd	0.000000	0.060000	0.840000
9	3	SCRL	Ceiling Multi Candela Sync Strobe at 30cd	0.000000	0.086000	0.258000
10	5	SCRL	Ceiling Multi Candela Sync Strobe at 75cd	0.000000	0.142000	0.710000
11	2	SCRL	Ceiling Multi Candela Sync Strobe at 95cd	0.000000	0.164000	0.328000
12	1	SCRL	Ceiling Multi Candela Sync Strobe at 115cd	0.000000	0.191000	0.191000
Standby Current Total Hours =				0.075000	X 24 (Hours)	= 1.800000
Alarm Current Total Minutes =				4.810000	X 0.084 (5 Mins)	= 0.399230
Total						2.199230
20% Battery Depletion						0.439846
Total AH Rated Batteries Needed						2.639076
Total AH Rated Batteries Supplied						7AH

NAC Circuit Load & Voltage Drop Calculation									
Remote Power Supply Potter PSN-106 (RPS1)			Circuit Number						
	Candela	Amps	CK-1	CK-2	CK-3	CK-4	CK-5	CK-6	
Notifier Horn Strobes	P2RL 15	0.1110							
Wall Mount	P2RL 30	0.1350							
L-Series	P2RL 75	0.1850	1						
	P2RL 95	0.2070							
	P2RL 110	0.2300							
	P2RL 135	0.2640							
	P2RL 185	0.3160							
Notifier Strobes	SRL 15	0.0600							
Wall Mount	SRL 30	0.0830							
L-Series	SRL 75	0.1360	3						
	SRL 95	0.1550							
	SRL 110	0.1790							
	SRL 135	0.2090							
	SRL 185	0.2570							
Notifier Horn Strobes	PC2RL 15	0.1080	1	1		2			
Ceiling Mount	PC2RL 30	0.1350							
L-Series	PC2RL 75	0.1790			1		1		
	PC2RL 95	0.2000			2		2		
	PC2RL 115	0.2250				1			
	PC2RL 150	0.2550							
	PC2RL 177	0.2890							
Notifier Strobes	SCRL 15	0.0600	3	5		4	2		
Ceiling Mount	SCRL 30	0.0860	1	1			1		
L-Series	SCRL 75	0.1420			1		1	3	
	SCRL 95	0.1640			1		1		
	SCRL 115	0.1910				1			
	SCRL 150	0.2280							
	SCRL 177	0.2640							
# Devices			9	8	4	9	10	0	
Circuit Amps			0.967	0.636	0.743	1.014	1.375	0.000	
Circuit Length (ft)(14awg)			610	530	360	530	440		
EOL Voltage (14awg)			16.78	18.25	18.76	17.10	16.69		
NAC Ckt % Used (Per Ckt)(3amp max per circuit)			32%	21%	25%	34%	46%	0%	
Total NAC Amps Used			4.74						
Total NAC Amps Used %			47%						

FIRE ALARM SYSTEM CONTROL PANEL MATRIX																
	System Outputs															
	Control Unit Annunciation			Notification			Rqd Fire Safety Control	Supp								
	FACP Audible	GPU General Alarm Relay	GPU Trouble Relay	GPU Supervisory Relay	GPU Alarm Indication	GPU Trouble Indication	GPU Supervisory Indication	Public Mode - Audibles Activate (Temporal Pattern) throughout the facility	Public Mode - Strobes Activate (Synchronization) throughout the facility	Transient Alarm Signal to Central Monitoring Station	Transient Trouble Signal to Central Monitoring Station	Transient Supervisory Signal to Central Monitoring Station	Close Smoke Damper	HMVC Fan Shutdown	Display Activity on Remote Directory Annunciator	Exterior Horn/Strobe will Follow Activation on General Alarm
<b>System Inputs</b>																
<b>Alarm (from each Device)</b>																
Smoke Detectors	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Heat Detectors	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Manual Pull Stations	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Fire Damper Status	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Kitchen Hood System	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
<b>Supervisory (from each Device)</b>																
Duct Smoke Detectors (Associated with HVAC Control)	+		+		+					+				+	+	+
<b>Trouble (from each Device)</b>																
Smoke Detectors	+	+		+						+						+
Manual Pull Stations	+	+		+						+						+
Kitchen Hood System	+	+		+						+						+
Duct Smoke Detectors	+	+		+						+						+
SLC Circuit Open	+	+		+						+						+
IDC Circuit Open	+	+		+						+						+
NAC Circuit Short	+	+		+						+						+
NAC Circuit Open	+	+		+						+						+
Ground Faults	+	+		+						+						+
Fire Alarm AC Power Failure	+	+		+						+						+
Fire Alarm AC Low Battery	+	+		+						+						+
<b>System Functions</b>																
ACK \ Step	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
Signal Silence	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
System Reset	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
+ indication on the matrix indicates a Function starting or activating.																
- indication on the matrix indicates a Function returning to the non alarm state or de-activating.																

Lincoln Middle School Potter PSN-106 (RPS2)						
Battery Back up Calculation						
Location: Electrical Closet						
Item	Qty	Part #	Description	Standby	Alarm	Total
1	1	PSN-106	Remote Power Supply	0.075000	0.075000	0.075000
2	1	P2RL	Horn with Multi Candela Sync Strobe at 75cd	0.000000	0.185000	0.185000
3	2	SRL	Multi Candela Sync Strobe at 75cd	0.000000	0.136000	0.272000
4	1	P2RK	WP Horn with Multi Candela Sync Strobe at 185cd	0.000000	0.309000	0.309000
5	1	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 30cd	0.000000	0.135000	0.135000
6	1	PC2RL	Ceiling Horn with Multi Candela Sync Strobe at 75cd	0.000000	0.179000	0.179000
7	13	SCRL	Ceiling Multi Candela Sync Strobe at 15cd	0.000000	0.060000	0.780000
8	2	SCRL	Ceiling Multi Candela Sync Strobe at 30cd	0.000000	0.086000	0.172000
9	18	SCRL	Ceiling Multi Candela Sync Strobe at 75cd	0.000000	0.142000	2.556000
10	1	SCRL	Ceiling Multi Candela Sync Strobe at 95cd	0.000000	0.164000	0.164000
Standby Current Total Hours =				0.075000	X 24 (Hours)	= 1.800000
Alarm Current Total Minutes =				4.827000	X 0.084 (5 Mins)	= 0.400641
Total						2.200641
20% Battery Depletion						0.440128
Total AH Rated Batteries Needed						2.640769
Total AH Rated Batteries Supplied						7AH

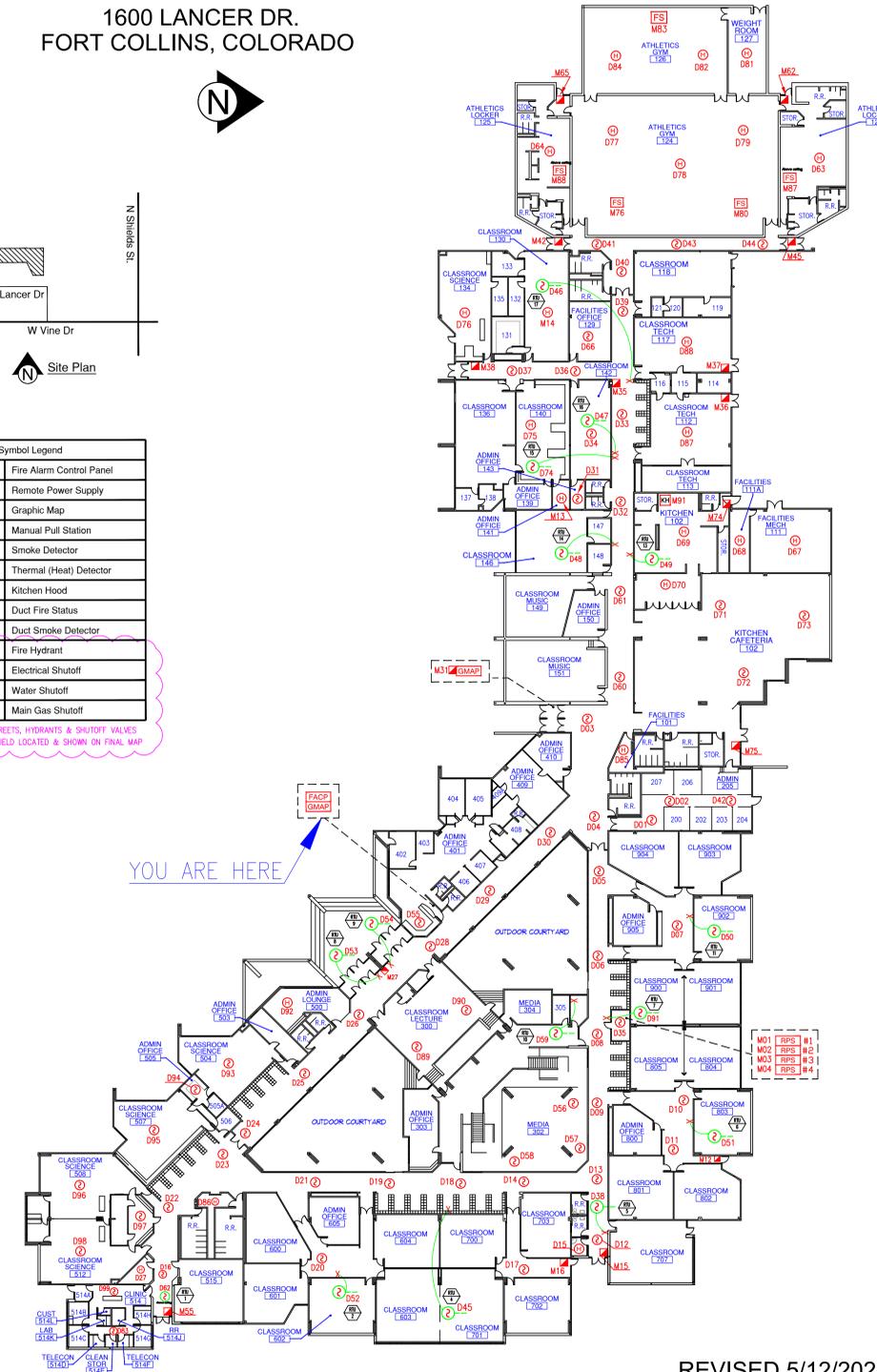
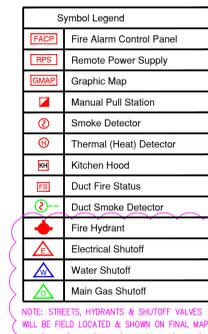
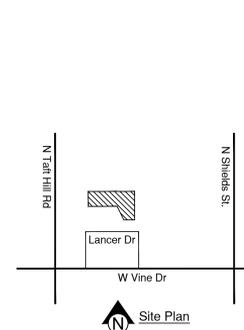
NAC Circuit Load & Voltage Drop Calculation									
Remote Power Supply Potter PSN-106 (RPS2)			Circuit Number						
	Candela	Amps	CK-1	CK-2	CK-3	CK-4	CK-5	CK-6	
Notifier Horn Strobes	P2RL 15	0.1110							
Wall Mount	P2RL 30	0.1350							
L-Series	P2RL 75	0.1850	1						
	P2RL 95	0.2070							
	P2RL 110	0.2300							
	P2RL 135	0.2640							
	P2RL 185	0.3160							
WP Horn Strobe	P2RK 185	0.3090			1				
Notifier Strobes	SRL 15	0.0600							
Wall Mount	SRL 30	0.0830							
L-Series	SRL 75	0.1360	1	1					
	SRL 95	0.1550							
	SRL 110	0.1790							
	SRL 135	0.2090							
	SRL 185	0.2570							
Notifier Horn Strobes	PC2RL 15	0.1080							
Ceiling Mount	PC2RL 30	0.1350			1				
L-Series	PC2RL 75	0.1790			1				
	PC2RL 95	0.2000							
	PC2RL 115	0.2250							
	PC2RL 150	0.2550							
	PC2RL 177	0.2890							
Notifier Strobes	SCRL 15	0.0600	1		4	1	7		
Ceiling Mount	SCRL 30	0.0860			1	1	1		
L-Series	SCRL 75	0.1420	2	4		8	4		
	SCRL 95	0.1640					1		
	SCRL 115	0.1910							
	SCRL 150	0.2280							
	SCRL 177	0.2640							
# Devices			5	6	7	10	12	0	
Circuit Amps			0.665	0.839	0.814	1.282	1.152	0.000	

SLC Loop No.1			M Address				
D Address	Device	Label	Extended Label	M Address	Device	Label	Extended Label
D01	SMOKE (PHOTO)	HALL BY ADMIN 201		M01	MONITOR	RPS 1	
D02	SMOKE (PHOTO)	HALL BY ADMIN 207		M02	MONITOR	RPS 2	
D03	SMOKE (PHOTO)	HALL BY ADMIN 410	WEST	M03	MONITOR	RPS 3	
D04	SMOKE (PHOTO)	HALL BY ADMIN 410	EAST	M04	MONITOR	RPS 4	
D05	SMOKE (PHOTO)	HALL BY CLASS 904		M05			
D06	SMOKE (PHOTO)	HALL BY CLASS 900		M06			
D07	SMOKE (PHOTO)	HALL BY CLASS 903		M07			
D08	SMOKE (PHOTO)	HALL BY MEDIA 302	WEST	M08			
D09	SMOKE (PHOTO)	HALL BY MEDIA 302	NORTH	M09			
D10	SMOKE (PHOTO)	HALL BY CLASS 901		M10			
D11	SMOKE (PHOTO)	HALL BY CLASS 802		M11			
D12	SMOKE (PHOTO)	HALL BY CLASS 707		M12	PULL STATION	HALL BY CLASS 802	
D13	SMOKE (PHOTO)	HALL BY MEDIA 302	NORTHEAST	M13	MONITOR	HEAT DET	OFFICE 141
D14	SMOKE (PHOTO)	HALL BY MEDIA 302	EAST	M14	MONITOR	HEAT DET	OFFICE 130
D15	HEAT DET	STORAGE 706		M15	PULL STATION	HALL BY CLASS 707	
D16	SMOKE (PHOTO)	HALL BY CLASS 515		M16	PULL STATION	HALL BY CLASS 702	
D17	SMOKE (PHOTO)	HALL BY CLASS 702		M17			
D18	SMOKE (PHOTO)	HALL BY MEDIA 302	SOUTHEAST	M18			
D19	SMOKE (PHOTO)	HALL BY CLASS 604		M19			
D20	SMOKE (PHOTO)	HALL BY CLASS 602		M20			
D21	SMOKE (PHOTO)	HALL BY CLASS 605		M21			
D22	SMOKE (PHOTO)	HALL BY CLASS 508		M22			
D23	SMOKE (PHOTO)	HALL BY ADMIN 506		M23			
D24	SMOKE (PHOTO)	HALL BY CLASS 504		M24			
D25	SMOKE (PHOTO)	HALL BY ADMIN 503		M25			
D26	SMOKE (PHOTO)	HALL BY LOUNGE 500		M26			
D27	HEAT DET	STOR BY CLASS 512		M27	PULL STATION	ENTRY BY LOUNGE 500	
D28	SMOKE (PHOTO)	HALL BY CLASS 300	WEST	M28			
D29	SMOKE (PHOTO)	HALL BY ADMIN 401		M29			
D30	SMOKE (PHOTO)	HALL BY ADMIN 409		M30			
D31	SMOKE (PHOTO)	OFFICE 143		M31	PULL STATION	ENTRY BY OFFICE 410	
D32	SMOKE (PHOTO)	HALL BY CLASS 146		M32			
D33	SMOKE (PHOTO)	HALL BY CLASS 112		M33			
D34	SMOKE (PHOTO)	CLASSROOM 142		M34			
D35	SMOKE (PHOTO)	ELEC BY CLASS 805	ABOVE RPS'S	M35	PULL STATION	BY CLASSROOM 142	
D36	SMOKE (PHOTO)	HALL BY CLASS 142		M36	PULL STATION	CLASSROOM 112	
D37	SMOKE (PHOTO)	HALL BY CLASS 140		M37	PULL STATION	CLASSROOM 117	
D38	SMOKE (PHOTO)	RTU 5 DUCT DETECTOR		M38	PULL STATION	HALL BY CLASS 134	
D39	SMOKE (PHOTO)	HALL BY GYM DOORS	EAST	M39			
D40	SMOKE (PHOTO)	HALL BY GYM DOORS	WEST	M40			
D41	SMOKE (PHOTO)	HALL BY GYM	SOUTH	M41			
D42	SMOKE (PHOTO)	HALL BY ADMIN 205		M42	PULL STATION	HALL BY GYM	SOUTH
D43	SMOKE (PHOTO)	HALL BY GYM	CENTER	M43			
D44	SMOKE (PHOTO)	HALL BY GYM	NORTH	M44			
D45	SMOKE (PHOTO)	RTU 4 DUCT DETECTOR		M45	PULL STATION	HALL BY GYM	NORTH
D46	SMOKE (PHOTO)	RTU 17 DUCT DETECTOR		M46			
D47	SMOKE (PHOTO)	RTU 16 DUCT DETECTOR		M47			
D48	SMOKE (PHOTO)	RTU 14 DUCT DETECTOR		M48			
D49	SMOKE (PHOTO)	RTU 13 DUCT DETECTOR		M49			
D50	SMOKE (PHOTO)	RTU 11 DUCT DETECTOR		M50			
D51	SMOKE (PHOTO)	RTU 6 DUCT DETECTOR		M51			
D52	SMOKE (PHOTO)	RTU 2 DUCT DETECTOR		M52			
D53	SMOKE (PHOTO)	RTU 8 DUCT DETECTOR		M53			
D54	SMOKE (PHOTO)	RTU 9 DUCT DETECTOR		M54			
D55	SMOKE (PHOTO)	ADMIN OFFICE 401	ABOVE FACP	M55	PULL STATION	HALL BY CLASS 515	
D56	SMOKE (PHOTO)	MEDIA 302	WEST	M56			
D57	SMOKE (PHOTO)	MEDIA 302	NORTHEAST	M57			
D58	SMOKE (PHOTO)	MEDIA 302	SOUTHEAST	M58			
D59	SMOKE (PHOTO)	RTU10 DUCT DETECTOR		M59			
D60	SMOKE (PHOTO)	HALL BY CLASS 151		M60			
D61	SMOKE (PHOTO)	HALL BY CLASS 149		M61			
D62	SMOKE (PHOTO)	RTU 1 DUCT DETECTOR		M62	PULL STATION	ATHLETICS LOCKER 128	
D63	HEAT DET	ATHLETICS LOCKER 128		M63			
D64	HEAT DET	ATHLETICS LOCKER 125		M64			
D65				M65	PULL STATION	ATHLETICS LOCKER 125	
D66	SMOKE (PHOTO)	FACILITY OFFICE 129		M66			
D67	HEAT DET	FACILITY MECH 111		M67			
D68	HEAT DET	FACILITIES 111A		M68			
D69	HEAT DET	KITCHEN 102		M69			
D70	HEAT DET	FOOD SERVING 102		M70			
D71	SMOKE (PHOTO)	CAFETERIA 102	WEST	M71			
D72	SMOKE (PHOTO)	CAFETERIA 102	EAST	M72			
D73	SMOKE (PHOTO)	CAFETERIA 102	NORTH	M73			
D74	SMOKE (PHOTO)	RTU 15 DUCT DETECTOR		M74	PULL STATION	KITCHEN 102	
D75	HEAT DET	CLASSROOM 140		M75	PULL STATION	CAFETERIA 102	
D76	HEAT DET	CLASSROOM 134		M76	MONITOR	S GYM 124	FIRE DAMPER
D77	HEAT DET	ATHLETICS GYM 124	SOUTH	M77			
D78	HEAT DET	ATHLETICS GYM 124	CENTER	M78			
D79	HEAT DET	ATHLETICS GYM 124	NORTH	M79			
D80				M80	MONITOR	N GYM 124	FIRE DAMPER
D81	HEAT DET	WEIGHT RM 127		M81			
D82	HEAT DET	ATHLETICS GYM 126	NORTH	M82			
D83	SMOKE (PHOTO)	CLINIC 514	EAST	M83	MONITOR	GYM 126	FIRE DAMPER
D84	HEAT DET	ATHLETICS GYM 126	SOUTH	M84			
D85	HEAT DET	FACILITIES 101		M85			
D86	HEAT DET	FACILITIES 518		M86			
D87	HEAT DET	CLASSROOM 112		M87	MONITOR	ATHLETICS LOCKER 128	FIRE DAMPER
D88	HEAT DET	CLASSROOM 117		M88	MONITOR	ATHLETICS LOCKER 125	FIRE DAMPER
D89	SMOKE (PHOTO)	CLASSROOM 300	EAST	M89			
D90	SMOKE (PHOTO)	CLASSROOM 300	NORTH	M90			
D91	SMOKE (PHOTO)	RTU 7 DUCT DETECTOR		M91	MONITOR	KITCHEN HOOD	STORAGE 110
D92	HEAT DET	ADMIN LOUNGE 500		M92			
D93	SMOKE (PHOTO)	CLASSROOM 504		M93			
D94	SMOKE (PHOTO)	ADMIN OFFICE 505		M94			
D95	SMOKE (PHOTO)	CLASSROOM 507		M95			
D96	SMOKE (PHOTO)	CLASSROOM 508		M96			
D97	SMOKE (PHOTO)	ADMIN OFFICE 509		M97			
D98	SMOKE (PHOTO)	CLASSROOM 512		M98			
D99	SMOKE (PHOTO)	CLINIC 514	WEST	M99	RELAY	CLINIC 514	SMOKE DAMPER
D100				M100			
D101				M101			
Spare				Spare			
thru				thru			
D159				M159			

Custom Address List - Fire Alarm System

# LINCOLN MIDDLE SCHOOL

1600 LANCER DR.  
FORT COLLINS, COLORADO



REVISED 5/12/2021

Graphic Map - Fire Alarm System

Scale: 1" = 1' (Actual Display Size is 18" x 24")



ISSUES & REVISIONS:	DATE:	BY:
ADDENDUM NO.2	8/6/2021	ZCR
DESCRIPTION:	EXAM ROOM CHANGE	
NO.:	DATE:	BY:
DESCRIPTION:		
NO.:	DATE:	BY:
DESCRIPTION:		

DESCRIPTION:		
SHOP DRAWINGS		
DATE:	SCALE:	PAPER:
MAY 12, 2021		30 x 42
PROJECT MANAGER:	PROJECT NO.:	
	21572-4E	
DRAWN BY:	DRAWING FILE:	
GPR	LINCOLN MS FA TLH	

OWNER:  
**POUDRE SCHOOL DISTRICT**  
2407 LAPORTE AVENUE  
FORT COLLINS, CO 80521

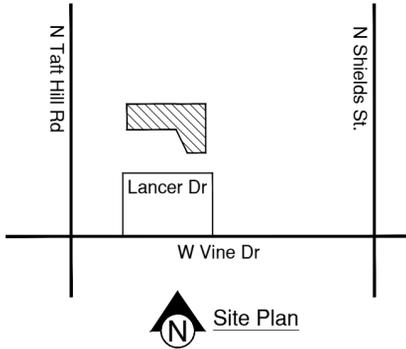
PROJECT:  
**LINCOLN MIDDLE SCHOOL**  
1600 LANCER DRIVE,  
FORT COLLINS, CO 80521

SHEET TITLE:  
GRAPHIC MAP / CUSTOM ADDRESS LIST

SHEET NAME:  
**FA400**

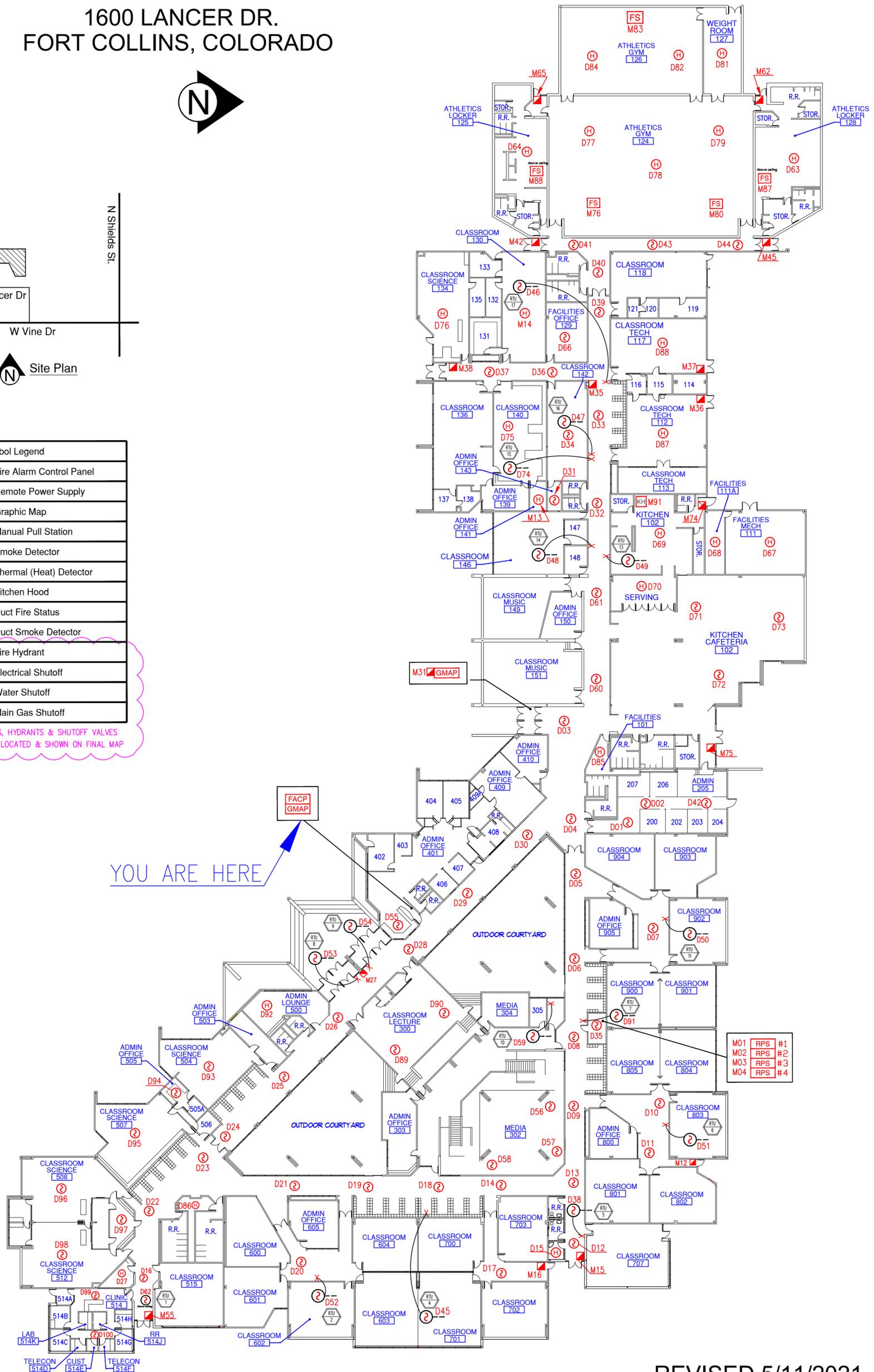
# LINCOLN MIDDLE SCHOOL

1600 LANCER DR.  
FORT COLLINS, COLORADO



Symbol Legend	
	Fire Alarm Control Panel
	Remote Power Supply
	Graphic Map
	Manual Pull Station
	Smoke Detector
	Thermal (Heat) Detector
	Kitchen Hood
	Duct Fire Status
	Duct Smoke Detector
	Fire Hydrant
	Electrical Shutoff
	Water Shutoff
	Main Gas Shutoff

NOTE: STREETS, HYDRANTS & SHUTOFF VALVES WILL BE FIELD LOCATED & SHOWN ON FINAL MAP

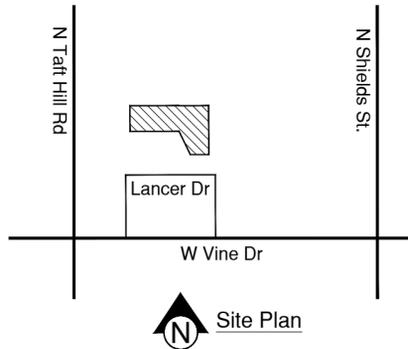


- M01 RPS #1
- M02 RPS #2
- M03 RPS #3
- M04 RPS #4

REVISED 5/11/2021

# LINCOLN MIDDLE SCHOOL

1600 LANCER DR.  
FORT COLLINS, COLORADO



Symbol Legend	
	Fire Alarm Control Panel
	Remote Power Supply
	Graphic Map
	Manual Pull Station
	Smoke Detector
	Thermal (Heat) Detector
	Kitchen Hood
	Duct Fire Status
	Duct Smoke Detector
	Fire Hydrant
	Electrical Shutoff
	Water Shutoff
	Main Gas Shutoff

NOTE: STREETS, HYDRANTS & SHUTOFF VALVES WILL BE FIELD LOCATED & SHOWN ON FINAL MAP

