

Addendum D2

re: **FORT WAYNE COMMUNITY SCHOOLS**
Renovations at Brentwood, North Side, and Northcrest
 111032.01

issue date: **February 13, 2026**

This Addendum forms a part of the Contract Documents for the above-referenced project and is issued in accordance with the Instructions to Bidders. Acknowledge receipt of this addendum by inserting its number in the space provided in the bid form.

ITEM	LOCATION	DESCRIPTION
A2.01	SPECIFICATION 096723 (Reissued)	<u>CHANGE:</u> Specification section 096723 – Treadwell Decorative Chip reissued as part of this addendum to change installation method on tile substrate.
A2.02	DRAWING BW-A1.20 (Drawing Reissued)	<u>CLARIFICATION:</u> Sheet BW-A1.20 reissued to correct overlap between the existing to remain legend and the specific demolition notes legend.
A2.03	DRAWING BW-A1.20 (Drawing Reissued)	<u>CLARIFICATION:</u> Sheet BW-A1.20 reissued to include clarification on specific demolition note #111.

ELECTRICAL ITEMS:

E2.01	For MEP Addendum items, see attached write-ups in “Addendum 2” from Primary Engineering Inc., reissued drawings BW-E0.01, BW-E3.01, NC-E0.01, NC-E3.01, and NS-E0.01.
-------	---



Addendum D2

FWCS – Renovations at Brentwood, North Side, and Northcrest

February 13, 2026

Page 2

ITEM	LOCATION	DESCRIPTION
-------------	-----------------	--------------------

Submitted by:

The Moake Park Group, Inc.



Jeremy M. Ogle, AIA, Principal

attachments:

Addendum 2
Specification 096723
Drawing BW-A1.20
Drawing BW-E0.01
Drawing BW-E3.01
Drawing NC-E0.01
Drawing NC-E3.01
Drawing NS-E0.01

copies:

All Plan Holders
111032.01/670



Primary Engineering, Inc.
2828 Lake Ave.
Fort Wayne, Indiana 46805
260-424-0444 ph
www.primary-eng.com



Addendum: 2
Date: 2/13/2026
Project: FWCS Brentwood NSHS Northcrest

Comm #: 25776

The following items shall be incorporated into the specifications and drawings and are considered to be integral to the bid documents for the project. Acknowledgement of receipt of this addendum is required on the bid form.

Item #1: Drawing Sheet BW-E0.01, Electrical Information Sheet

- A. Light Fixture Schedule revised. L1 and L2 fixtures revised from multi-mount type to recessed flat panel type fixtures. Refer to supplemental sheet for additional information.

Item #2: Drawing Sheet BW-E3.01, First Floor Lighting Plan

- A. Emergency Exit (EX1) fixtures added to Offices 105,107 and Classroom 111. Refer to supplemental drawing BW-E3.01 for more information.

Item #3: Drawing Sheet NC- E0.01, Electrical Information Sheet

- A. Light Fixture Schedule revised. L1 fixture revised from multi-mount type to recessed flat panel type fixtures. PD1 fixture revised. Refer to supplemental sheet for additional information.

Item #4: Drawing Sheet NC- E3.01, First Floor Lighting Plan

- A. Revised Plan notes, for clarity. Refer to supplemental sheet for additional information.

Item #5: Drawing Sheet NS- E0.01, Electrical Information Sheet

- A. Light Fixture Schedule revised. L1 fixture revised from multi-mount type to recessed flat panel type fixtures. Refer to supplemental sheet for additional information.



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

Section 096723 – Treadwell Decorative Chip

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes products and procedure for a vinyl chip broadcast flooring system designated area as specified herein as indicated on drawings.
- B. The work shall consist of preparation of the tile substrate, furnishing and application of all of the steps and procedures relating to the installation of this flooring including grout coat, body coat, broadcast, encapsulation coat and final high-wear topcoat.
 - 1. Cove base: Provide integral 6” cove base.
 - 2. Relative humidity based moisture readings to be done by installation contractor prior installation. All readings must read below 80%RH before installation. Epoxy contractor to submit readings to the General Contractor. 3rd party moisture readings are also recommended.

1.3 SUBMITTALS

- A. Product Data: Manufacturer’s technical literature for each product indicated, specified, or required.
- B. Samples: For each type of exposure, finish or color. Sample size minimum 5” x 5”.

1.4 QUALITY ASSURANCE

- A. Qualifications: Company experienced in performing work similar in design, products, and extent to scope of this project; with a record of successful in-service performance; and with sufficient production capability, facilities, and personnel to product specified work.



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

1. Manufacturer Qualification: Approved by manufacturer of epoxy products.

1.5 FIELD CONDITIONS

- A. Tile flooring to be available and open for preparation steps. Once the floor is prepared, only allow foot traffic on the exposed surface.
- B. Adequate lighting to be provided by the General Contractor or Owner prior to the installation of flooring.
- C. Area for installation to be maintained at a temperature between 60 F – 75 F. Area for installation must be in controlled conditions.
- D. A sufficient area for staging and mixing materials to be provided.
- E. Building to be closed in with no water intrusion on the surface during the installation or curing process.
- F. Existing Tile Surfaces
 1. Prohibit improper application of liquid membrane forming curing compounds, vehicles parking over the tile surface, pipe-cutting operations over tile surface, storage of items on tile less than 28 days old, petroleum, oil, hydraulic fluid, and acids as these may all affect final finish of floor treatment.

1.6 WARRANTY

- A. Warranty that material and installation is free from defects and will perform substantially.
- B. Manufacture liability with respect to this warranty covers labor and material of the installation for a period of two years.

PART 2 – PRODUCTS

2.1 ACCEPTABLE MANUFACTURES



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

A. Basis of Design: for products and materials specified from TreadWell Decorative Chip System by Dancer Concrete Design, Fort Wayne, Indiana. Single source warranty carried by installer. Products of the manufactures are approved provided compliance with all technical requirements as specified herein:

1. Dancer Concrete Design
2. Stonhard Commercial and Industrial Flooring
3. Sherwin Williams High-Performance Flooring Systems

2.1 PRODUCTS

A. Floor Cleaner: Heavy Duty, High pH detergent for deep cleaning

B. Grout Coat: Smooth, trowelable underlayment

- a. Dancer; TreadWell 100% Epoxy Primer, resin and hardener with Tile Bond Additive.

C. Body Coat: Pigmented, 100% solids epoxy body coat applied to coat the surface and provide a base.

1. Dancer Concrete Design; TreadWell 100% Solids Pigmented Epoxy Body Coat, resin and hardener.

D. Broadcast: Multi-colored, 1/4" vinyl chip media.

1. Dancer Concrete Design; TreadWell 1/4" Vinyl Chip

E. Encapsulation Coat: Clear, 100% solids epoxy coat with UV inhibitors used to encapsulate broadcasted chip media.

1. Dancer Concrete Design; Treadwell 100% Solids UV-Clear Epoxy Coat, resin and hardener.



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

- F. High-Wear Topcoat: Clear, catalyzed, water based urethane to be used over epoxy finish.
Finishes available: Gloss w/GRIP.

- 1. Dancer Concrete Design; TreadWell 4:1 Water-Based Urethane

2.3 REPAIR PRODUCTS

- A. Grout Coat: A cementitious based, acrylic modified slurry used to fill in surface imperfections, small cracks and pop-outs on the floor.

- 1. Dancer Concrete Design; Repair Grout Coat

- B. Repair Mortar: A rapid-setting resin based repair mortar mixed with sand and/or stone aggregate to repair the floor in large cracks, crevices and divots.

- 1. Dancer Concrete Design; Repair Mortar

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, area and conditions, regarding moisture content, installation and any condition that could affect flooring performance.

3.2 PREPARATION



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

A. General

1. Existing Tile Surface to be free of contaminants that may inhibit proper bonding of porcelain or ceramic tile surface. Tiles must be sound and solid. Not compatible with plastic tiles such as VCT.
2. The surface shall be cleaned both mechanically and chemically to remove any residue or debris from tile grout lines.
3. Mechanically grind the floor while capturing dust with a HEPA vacuum system to maintain air quality during preparation. Minimum profile must be CSP 3-4 as detailed by ICPI. Any loose tiles to be removed and patched with Repair Mortar.
4. Cracks and non-moving control joints to be repaired per manufacturer's specification. All cold joints to be honored through the installed system and filled with an elastomeric joint filler.
5. Any tile areas or patching are to be prepared in a similar fashion.

3.3 APPLICATION

A. General

1. The system shall follow the contour of the floor unless noted patching or leveling specified by the Architect.
2. The finish shall have a neat, clean, and organized appearance with straight lines, and well defined boundaries of the installation.

B. Primer

1. The primer shall be Treadwell 100% Solids Epoxy with Tile Bond Additive. The catalyzed product shall be mixed per manufacturer's recommendation.
2. The primer shall be applied by squeegee and roller at the rate or 100 SF per gallon.



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

C. Base Coat

1. The base coat shall be Treadwell Pigmented 100% Solids Epoxy. The catalyzed product shall be mixed per manufacturer's recommendation.
2. The base coat shall be applied over a cured primer by squeegee and roller at the rate or 200 SF per gallon.

D. Broadcast

1. The broadcast shall be Treadwell multi-colored 1/4" vinyl chips.
2. The broadcast shall be performed by an installer on spiked cleats. The broadcast to be applied to the surface until rejection into the 'wet' base coat. Excess chip media to be scraped and swept clean once basecoat has fully cured.

E. Encapsulation Coat

1. The encapsulation coat shall be Treadwell UV-Clear 100% Solids Epoxy. The catalyzed product shall be mixed per manufacturer's recommendation.
2. The encapsulation coat shall be applied over the broadcasted chip media by squeegee and roller at the rate of 130 SF per gallon.

F. High-wear Topcoat

1. The topcoat shall be Treadwell High-Wear Urethane. The catalyzed product shall be mixed per manufacturer's recommendation.
2. The topcoat shall be applied over a cured primer at the rate of 400 – 500 SF per gallon.



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

3.4 PROTECTION

- A. The flooring shall be allowed to cure for 24 hours before other trades walk on the surface. The floor shall be allowed to cure 48 hours from final topcoat until construction activities or setting of items on the floor. When setting items on the finished surface they shall be placed on cardboard.

- B. Covering: After completion of sealing allow for proper cure and then protect sealed floors from subsequent construction activities with protective covering, such as Ram Board or equivalent. No tape to be used on the finished surface.

END OF SECTION 096723



We Are Your Schools

Project: Renovations at Brentwood, North Side, and Northcrest

Architect: The Moake Park Group, Inc.

MPG Project No: 111032.01

This Page Intentionally Left Blank



General Demolition Notes

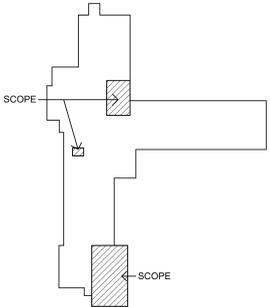
1. ALL MATERIALS INDICATED AS DASHED AND HATCHED ARE TO BE DEMOLISHED. THIS INCLUDES ALL MATERIALS AND FINISHES NOT SPECIFICALLY CALLED OUT BUT PERTAINING TO THE INTENDED SCOPE.
2. THE OWNER SHALL REMOVE ALL FURNISHINGS, AND LOOSE EQUIPMENT TO REMAIN THE OWNERS. ALL REMAINING ITEMS SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE.
3. THE CONTRACTOR SHALL REMOVE AND/OR DEMOLISH ITEMS INDICATED. DEMOLISHED ITEMS SHALL BE REMOVED FROM THE SITE IMMEDIATELY BY THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE. ALL ITEMS TO REMAIN PROPERTY OF THE OWNER SHALL BE STORED ON SITE AS INDICATED BY THE OWNER.
4. IF HAZARDOUS MATERIALS ARE UNCOVERED CONTACT THE ARCHITECT/ENGINEER. ALL HAZARDOUS MATERIALS SHALL BE REMOVED BY THE OWNER SEPARATE FROM THIS CONTRACT.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS. THESE DEMOLITION SHEETS SHALL SERVE TO AID THE CONTRACTOR IN HIS EVALUATION OF THE EXTENT OF DEMOLITION, BUT SHALL NOT BE HELD TO BE ALL INCLUSIVE.
6. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WALL, FLOOR, AND CEILING/ROOF CONSTRUCTION TO DETERMINE EXTENT AND METHODS OF DEMOLITION TO ALLOW FOR NEW CONSTRUCTION.
7. FOR FURTHER INFORMATION WITH REGARD TO THE EXACT EXTENT OF DEMOLITION, SEE THE CONSTRUCTION PLANS WHICH ILLUSTRATE THE NEW CONSTRUCTION.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR THE INSTALLATION OF NEW WORK, WHETHER OR NOT IT IS SPECIFICALLY SHOWN OR NOTED IN THESE DOCUMENTS.
9. THE CONTRACTOR SHALL FIELD INSPECT ALL DEMOLITION WORK. PRIOR TO REMOVAL, TO VERIFY ALL EXISTING STRUCTURAL BEARING CONDITIONS AND TO INSURE SUCH REMOVAL DOES NOT IMPAIR STRUCTURAL INTEGRITY OF EXISTING BUILDING. IF FIELD INSPECTION INDICATES STRUCTURAL INTEGRITY MAY BE IMPAIRED, NOTIFY ARCHITECT/ENGINEER IMMEDIATELY. CONTRACTOR IS RESPONSIBLE TO SHORE THE EXISTING STRUCTURE AS REQUIRED TO ALLOW FOR DEMOLITION AND/OR NEW WORK.
10. IF EXISTING BUILDINGS, STRUCTURES, ETC. ARE NOT SHOWN AS DETAILED, CONTACT THE ARCHITECT/ENGINEER.
11. THE CONTRACTOR SHALL REMOVE ALL DEBRIS, LOOSE PAINT, ETC., FROM ALL NEWLY EXPOSED SURFACES.
12. ALL AREAS TO REMAIN THAT ARE AFFECTED BY DEMOLITION & NEW WORK SHALL BE PATCHED TO MATCH EXISTING ADJACENT CONSTRUCTION AND FINISH.
13. UNLESS NOTED OTHERWISE, ALL FLOOR, CEILING AND DECK PENETRATIONS SHALL BE PATCHED AND FIRESTOPPED TO MATCH EXISTING. PATCHES SHALL NOT ALLOW LIQUID TO PENETRATE AND SHALL CONFORM TO EQUAL FIRE RATING OF SURROUNDING MATERIAL.
14. CONTRACTOR TO FILL ALL VOIDS IN CONCRETE FLOOR SLABS (WITH CONCRETE) AS REQUIRED DUE TO REMOVAL OF FLOOR DRAINS, TRENCHES, PITS, MASONRY WALLS, DUCTWORK, ETC. TO MATCH EXISTING ADJACENT FLOOR FINISH ELEVATION. IF REQUIRED, CONTRACTOR SHALL PROVIDE AND INSTALL NEW METAL FLOOR DECKING AND NECESSARY STRUCTURAL SUPPORT TO ACCOMMODATE THE CONCRETE.
15. CONTRACTOR TO REMOVE DOOR LEAFS & TEMPORARILY STORE TO ALLOW FOR DEMOLITION & NEW WORK. ONCE WORK COMMENCES IN THIS AREA, FURTHERMORE, GENERAL CONTRACTOR TO TEMPORARILY SUPPORT THE EXISTING DOOR FRAMES AND PROVIDE NEW JAMB ANCHORS TO RECONNECT DOOR FRAME TO THE NEW CMU. GROUT SIDE JAMBS FULL.
16. CONTRACTOR TO REMOVE CEILING SYSTEM ADJACENT DEMOLISHED CMU AS REQUIRED TO ALLOW FOR NEW WORK. SEE THE REFLECTED CEILING PLANS FOR MORE INFORMATION.

Specific Demolition Notes

- 101 CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING WALL IN ITS ENTIRETY, INCLUDING, BUT NOT LIMITED TO, ELECTRICAL DEVICES AND APPLIED FINISHES. PATCH FLOOR/REMAINING WALLS AS NECESSARY FOR NEW CONSTRUCTION AND FINISHES. CONTRACTOR SHALL F.V. SCOPE OF WORK. SEE A2 SERIES OF DRAWINGS FOR MORE INFO.
- 102 CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING WALL AS NECESSARY TO ALLOW FOR NEW CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO, ELECTRICAL DEVICES, AND APPLIED FINISHES. CONTRACTOR SHALL F.V. SCOPE OF WORK. SEE A2 SERIES OF DRAWINGS FOR MORE INFO.
- 103 OWNER SHALL BE RESPONSIBLE FOR REMOVING LOOSE FURNITURE.
- 104 CONTRACTOR TO PARTIALLY REMOVE EXISTING FLOOR AS NECESSARY TO ALLOW FOR NEW MEP WORK. SEE MEP DWGS FOR MORE INFO.
- 105 CONTRACTOR SHALL REMOVE AND DISPOSE OF EXISTING DOOR LEAF, DOOR FRAME, AND ALL RELATED HARDWARE.
- 107 CONTRACTOR SHALL REMOVE & DISPOSE OF EXISTING COUNTERTOP, FLOATING SHELF WITH MOUNTING BRACKETS, AND CASEWORK, WHEN APPLICABLE. CONTRACTOR SHALL ALSO REMOVE EXISTING SINK AND/OR CASEWORK BULKHEAD.
- 109 CONTRACTOR SHALL REMOVE & SALVAGE EXISTING CUBBIES FOR RELOCATION, SEE FLOOR PLAN FOR NEW LOCATION.
- 110 CONTRACTOR SHALL REMOVE & DISPOSE OF EXISTING TOILET, URINAL, SHOWER UNIT, DRINKING FOUNTAIN AND/LAVATORY, WALL MOUNTED ACCESSORIES, MOUNTING BRACKETS, ANCHORS & ALL ASSOCIATED HARDWARE. CONTRACTOR SHALL REMOVE & ABANDON SUPPLY & DRAIN LINES INSIDE MAIN CIVITY.
- 111 CONTRACTOR SHALL REMOVE & SALVAGE EXISTING CARPET TILE (INDICATED BY DIAGONAL LINES) FOR REINSTALLATION. REFER TO INTERIOR FINISH PLAN FOR INSTALL LOCATIONS. REMAINING SALVAGED CARPET TILE TO BE RETURNED TO OWNER. CONTRACTOR SHALL COORDINATE CARPET REMOVAL WITH SLAB DEMOLITION TO ENSURE THAT EXISTING AND SALVAGED CARPET REMAINS UNDAMAGED.
- 112 CONTRACTOR SHALL REMOVE FLOOR SLABS AND FLOOR FINISHES AS NECESSARY TO ALLOW FOR NEW THICKENED SLAB INSTALLATION. PATCH EXISTING FLOOR FINISH TO FLOOR FOR REINSTALLATION. SEE BW-A4.0 FOR THICKENED SLAB DETAIL.
- 115 CONTRACTOR SHALL REMOVE & DISPOSE OF EXISTING FLOOR FINISHES AND SUSPENDED CEILING SYSTEMS. CONTRACTOR TO PREP AND REPAIR EXISTING CONCRETE SLAB AS NECESSARY TO RECEIVE NEW FINISHES.
- 116 CONTRACTOR SHALL REMOVE & DISPOSE OF EXISTING SUSPENDED CEILING SYSTEMS.

Existing To Remain Notes

- E-1 EXISTING WALL TO REMAIN. SEE FINISH PLAN FOR MORE INFO.
- E-2 EXISTING DOOR LEAF, FRAME, AND HARDWARE TO REMAIN.
- E-3 EXISTING WINDOW / CURTAIN WALL SYSTEM TO REMAIN.
- E-4 EXISTING CASEWORK TO REMAIN.
- E-5 EXISTING TOILET, URINAL, SHOWER UNIT, DRINKING FOUNTAIN &/OR LAVATORY, WALL MOUNTED ACCESSORIES, MOUNTING BRACKETS, ANCHORS, & ALL ASSOCIATED HARDWARE TO REMAIN.
- E-6 EXISTING CARPET TO REMAIN. SEE FINISH PLAN FOR INFO ON PATCHING. CONTRACTOR TO PROTECT EXISTING FINISHES AS NECESSARY.
- E-7 EXISTING FLOOR TILE & BASE TO REMAIN. CONTRACTOR TO PROTECT EXISTING FINISHES AS NECESSARY.



A PROJECT FOR:



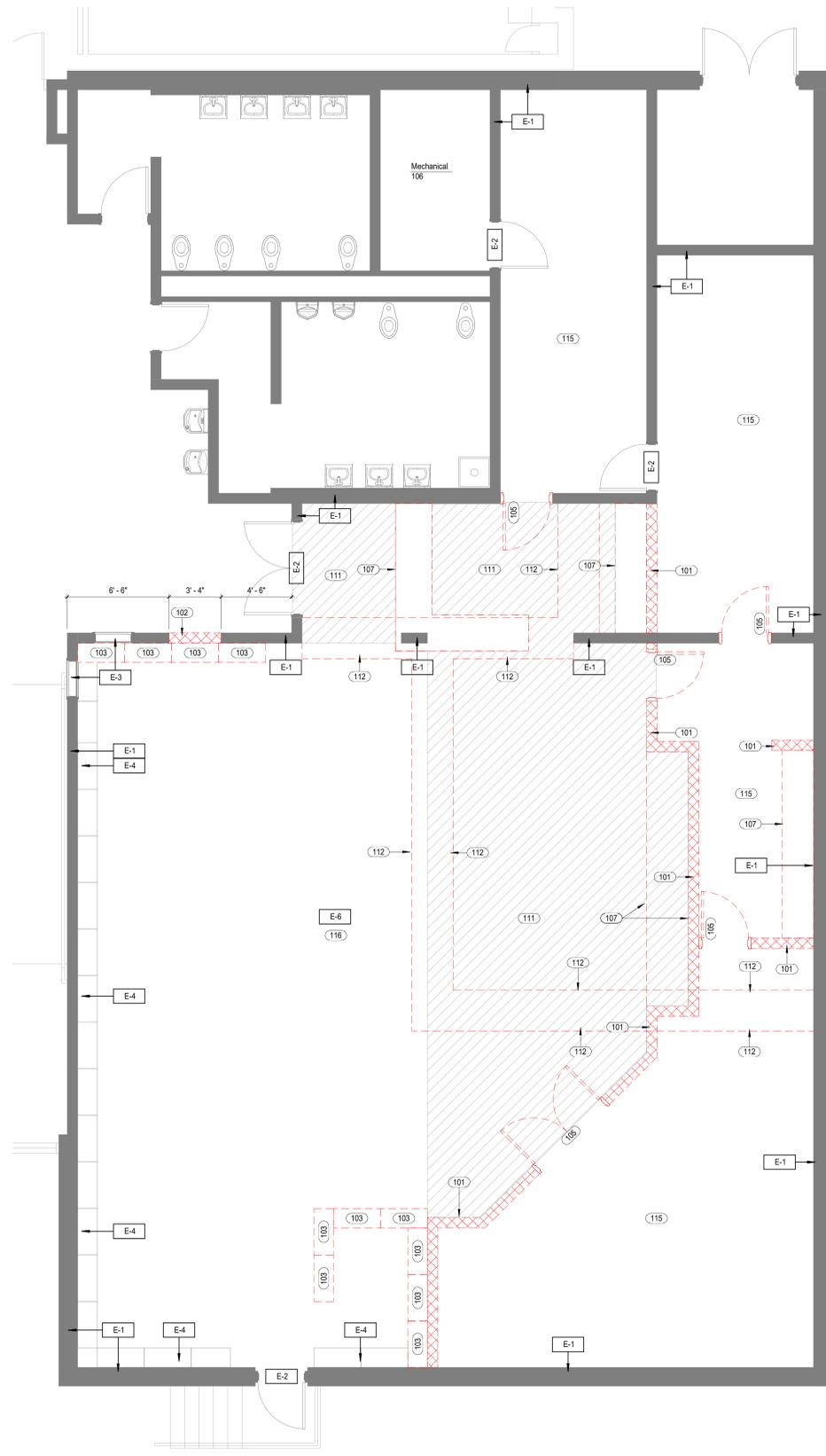
We Are Your Schools
 Brentwood Elementary School
 Renovation

The concepts, ideas, plans, and details shown on this document are the sole property of Moake Park Group, Inc. and were created, developed, and prepared for the use on this specific project. None of the concepts, ideas, plans, and details shall be used by any party, in whole or in part, for any purpose whatsoever without express written consent of Moake Park Group, Inc. The Owner shall be permitted to reproduce copies for informational and reference in connection with this project.

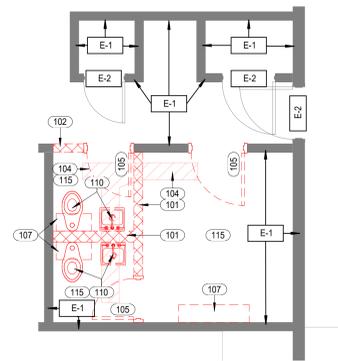
mark	date	description
1	2/13/2026	Addendum 2

Enlarged Floor Demolition Plans

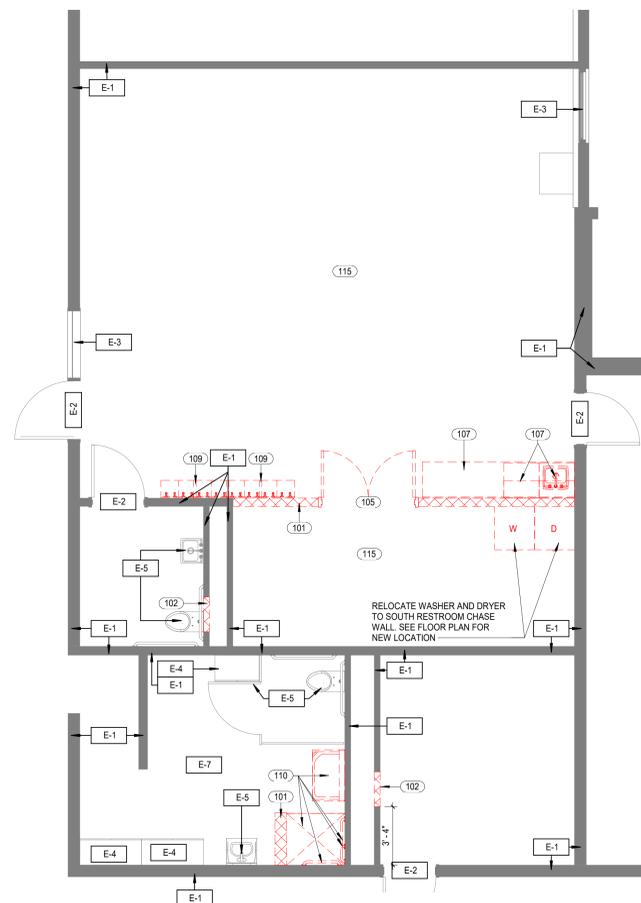
date: 1/26/2026
 project: 111032.011
 coordinator: JMO
 draw: AJS
 checked: CDH



3 Enlarged Demolition Plan
 1/4" = 1'-0"



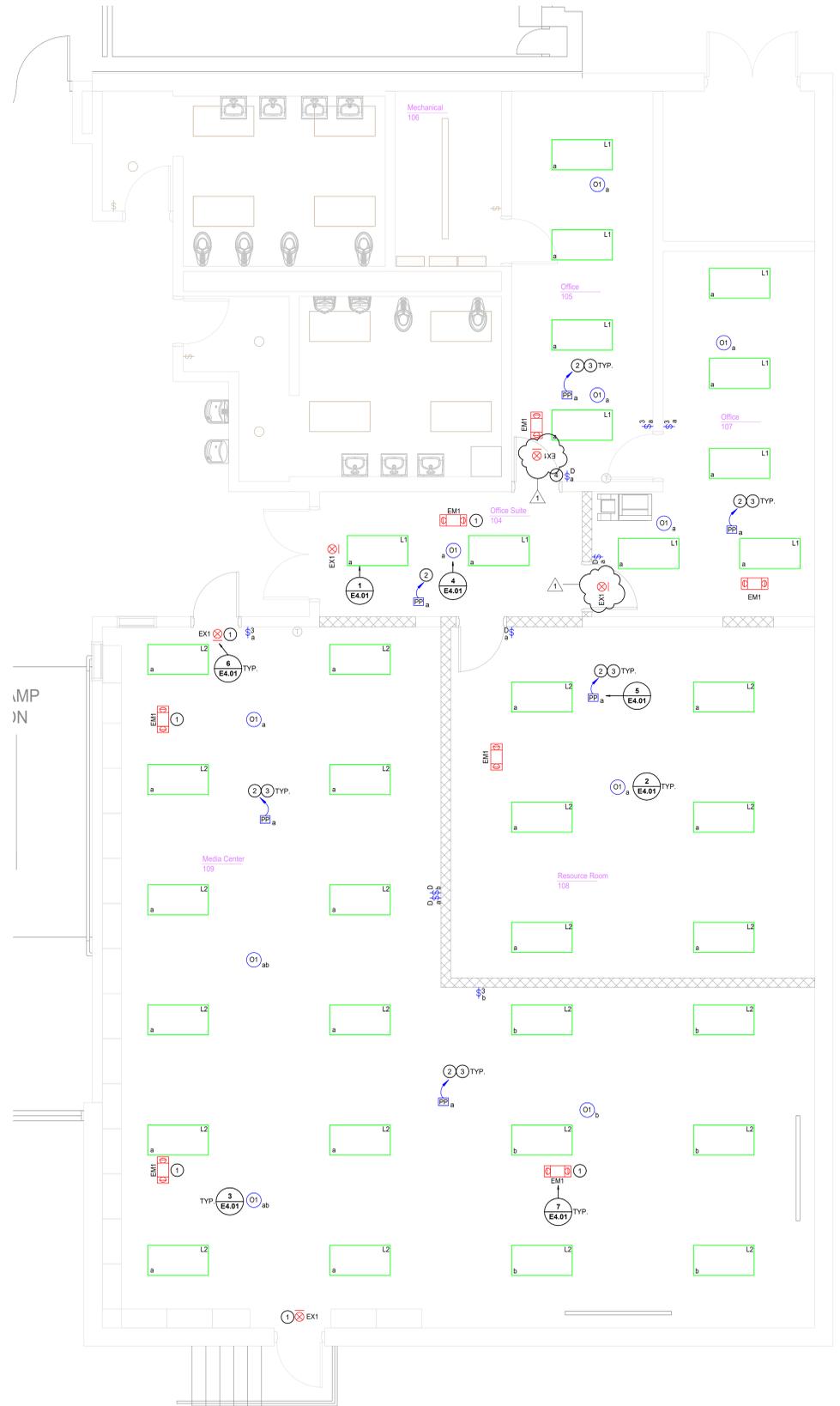
2 Enlarged Demolition Plan
 1/4" = 1'-0" ALTERNATE #1



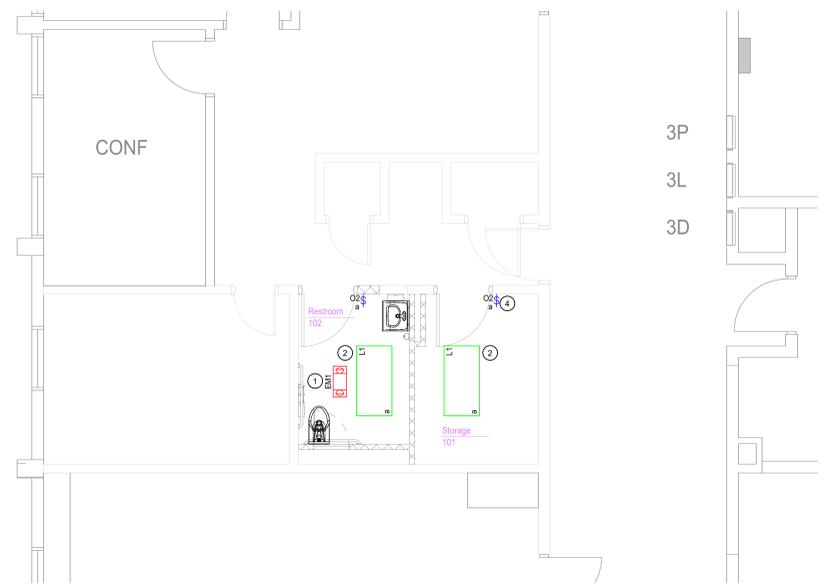
1 Enlarged Demolition Plan
 1/4" = 1'-0" ALTERNATE #2



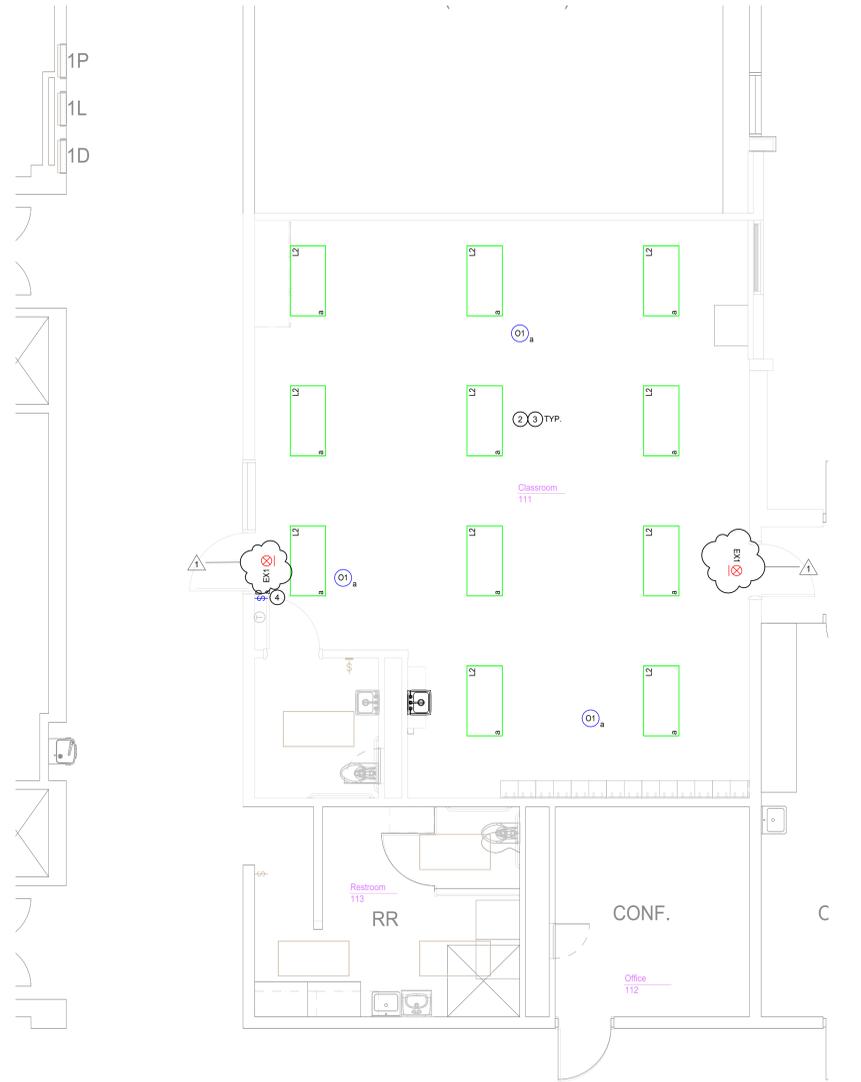
- PLAN NOTES**
- CONNECT EXIT / EGRESS FIXTURE(S) TO NORMAL LIGHTING CIRCUIT SERVING AREA, AHEAD OF ANY SWITCHES, SENSORS AND RELAYS PER NEC.
 - PROVIDE AND INSTALL LIGHT FIXTURE(S) IN NEW CEILING. INTERCEPT AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT SERVING AREA TO CONNECT TO NEW LIGHTING AND LIGHTING CONTROLS.
 - PROVIDE AND INSTALL 0-10V DIMMING CONTROL CABLING WITH EXISTING BRANCH CIRCUIT FROM NEW DIMMER SWITCH TO LIGHT FIXTURE(S) SERVING AREA. TYPICAL OF AREA WITH 0-10V DIMMING.
 - PROVIDE AND INSTALL NEW SWITCH IN EXISTING DEVICE BOX. EXTEND EXISTING BRANCH CIRCUIT, AS REQUIRED, TO CONNECT NEW SWITCH. PROVIDE AND INSTALL NEUTRAL CONDUCTOR, AS REQUIRED. PROVIDE BLANK INSERTS FOR NEW WALL PLATE.
 - PROVIDE AND INSTALL NEW DIMMER SWITCHES AT CIRCULATION DESK TO SERVE MEDICA CENTER SPACE. COORDINATE EXACT LOCATION WITH OWNER AND FURNITURE FOR EXACT LOCATION PRIOR TO ROUGH-IN.



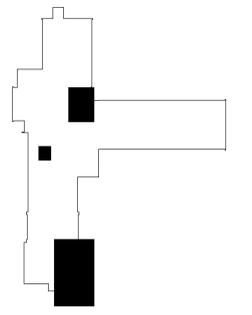
3 First Floor Lighting Plan - Media Center
1/4" = 1'-0"



1 First Floor Lighting Plan - Clinic
1/4" = 1'-0"



2 First Floor Lighting Plan - Classroom
1/4" = 1'-0"



A PROJECT FOR:



Renovations at Brentwood Elementary

All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc. and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to make copies for informational and reference purposes.
©2026 Primary Engineering, Inc.

mark	date	description
1	02/13/2026	ADDENDUM #2

First Floor Lighting Plan

date: 1.26.2026
project: 17087
coordinator: BHR
drawn: BHR
checked: BJ
Primary Job # 25778 Rev 25

Autodesk Docs://25776 FWCS Brentwood NSHS Northchase/25776 - Brentwood - Elec - RV25.rvt

2/12/2026 4:36:40 PM



SCALE: 1/16" = 1'-0" SCALE: 3/32" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1" = 1'-0"

LINE TYPE SCHEDULE	
	UNDERGROUND COMMUNICATION, LINE TYPE AND WEIGHT
	UNDERGROUND BRANCH CIRCUIT, LINE TYPE AND WEIGHT
	NEW POWER LINE WEIGHT
	NEW MECHANICAL EQUIPMENT LINE WEIGHT
	NEW LIGHTING DEVICE LINE WEIGHT
	NEW LIGHTING DEVICE LINE WEIGHT
	NEW EMERGENCY AND FIRE DEVICE LINE WEIGHT
	NEW COMMUNICATION DEVICE LINE WEIGHT
	EXISTING TO REMAIN LINE WEIGHT
	EXISTING TO BE DEMOLISHED LINE TYPE AND WEIGHT

MOUNTING HEIGHT SCHEDULE	
SWITCHES - 44" OR AS SPECIFIED ON DRAWINGS.	
WALL MOUNTED OCCUPANCY / VACANCY SENSORS - 9'-0" A.F.F. OR AS SPECIFIED ON DRAWINGS.	
RECEPTACLES OR CONVENIENCE OUTLETS - 16" OR AS SPECIFIED ON DRAWINGS.	
RECEPTACLES OR CONVENIENCE OUTLETS - 44" FOR MECHANICAL, ELECTRICAL, JANITOR, SHOP AREAS, GARAGE AREAS STORAGE, AND ELEVATOR EQUIPMENT ROOMS OR AS SPECIFIED ON DRAWINGS.	
EXTERIOR WEATHER PROOF RECEPTACLES OR CONVENIENCE OUTLETS - 24" ABOVE GRADE OR AS SPECIFIED ON DRAWINGS.	
SAFETY SWITCHES - 54" OR AS SPECIFIED ON DRAWINGS.	
MOTOR CONTROLLERS - 54" OR AS SPECIFIED ON DRAWINGS.	
PANELBOARDS TO TOP - 72" OR AS SPECIFIED ON DRAWINGS.	
TELEPHONE OR DATA - 16" OR AS SPECIFIED ON DRAWINGS.	
TELEPHONE (PAY WALL HUNG) - 44" OR AS SPECIFIED ON DRAWINGS.	
LOCKOUT OR PANIC BUTTONS - 44" OR AS SPECIFIED ON DRAWINGS.	
FIRE ALARM PULL STATION - 44" OR AS SPECIFIED ON DRAWINGS.	
FIRE ALARM HORN, HORN/VISUAL, SPEAKER, SPEAKER/VISUAL - 8'-0" OR AS SPECIFIED ON DRAWINGS.	

TAG	MANUFACTURERS CATALOG NUMBER	MAX. WATTS	MOUNT	MIN. LUMEN OUTPUT ("0")	CCT	CRI	DESCRIPTION	REMARKS
DL1	PORTFOLIO #LDC615D01EXE159040-6L8LJ PRESICOLITE (OPTIONAL)	17	RECESSED	1,738	4000	90	120-277V, 6" DIAMETER DOWNLIGHT WITH MEDIUM DISTRIBUTION AND SELF-FLANGED SEMI-SPECULAR CLEAR REFLECTOR, ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED	
L1	METALLIX #24CGTS-LJCS-MEDIUM LITHONIA COLUMBIA	42	RECESSED	6,143	4000	90	120-277V, 2"x4" FLAT PANEL WITH SMOOTH LENS AND COLD ROLLED STEEL HOUSING, ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED	
PD1	ERALLUX # AE-SF-SPTCA-54FTC-304050-010-WH-GB-1-DIM-PH18-C-W18-P	13 WFT	PENDANT	500 LMFT 350 LMFT	4000	90	120-277V, DIRECT/INDIRECT 54" LINEAR STRIP FIXTURE WITH WIDE DEFUSE AND INDIRECT CLEAR LENS, EXTRUDED ALUMINUM HOUSING, ELECTRONIC 0-10V DIMMING DRIVER WITH RANGE FROM 100% TO 1% UL LISTED, VERIFY COLOR PRIOR TO PLACING ORDER, PROVIDE ALL NECESSARY DRIVERS AND COMPONENTS AS REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALL.	
BL1	MCGRAW-EDISON #ISS-SATA-740-U-T4W-BZ	21	WALL	2,780	4000	70	120-277V, 4000K CCT LED, WALL MOUNTED FIXTURE WITH 4" WIDE DISTRIBUTION, VERIFY COLOR PRIOR TO PLACING ORDER, INSTALL IN EXISTING LOCATION.	
SL1	LUMARK #PFRV-PA1A-740-U-T4WA-SZ	54	POLE	7,484	4000	70	120-277V, 4000K CCT LED, POLE MOUNTED FIXTURE WITH TYPE 4 WIDE DISTRIBUTION, VERIFY COLOR PRIOR TO PLACING ORDER, INSTALL IN EXISTING LOCATION ON EXISTING POLE.	
EM1	SURE LITE #SEL50 ABL #ELMML-UVOLT-LTP-SDRT DUAL LITE #EV2DI	1	UNIVERSAL	436	-	-	120-277V, WHITE POLYCARBONATE HOUSING AND HEADS WITH SELF-DIAGNOSTICS, MINIMUM OF 30 MINUTES OF RUN TIME, UL LISTED	

TAG	MANUFACTURERS CATALOG NUMBER	INPUT VOLTAGE	MOUNT	REMARKS	REMARKS
O1	WATTSTOPPER #DT-300 SENSOR SWITCH #CM-PDT-9-R GREENGATE #GAC-DT-R HUBBELL #OMNI-DT-XXXX-PP	24V	CEILING	DUAL TECHNOLOGY CEILING SENSOR WITH A COMBINATION OF ULTRASONIC AND PASSIVE INFRARED, SENSOR TO BE EQUIPPED WITH SELF-ADJUSTING TECHNOLOGY AND ISOLATED RELAY OUTPUTS, SENSOR SHALL OPERATE AS AUTOMATIC "ON" AND AUTOMATIC "OFF" WITH A 15 MINUTE TIME DELAY.	1
O2	WATTSTOPPER #DT-300 SENSOR SWITCH #WV-PDT-16-R GREENGATE #GAWC-DT-120W-R HUBBELL #LO-DT-PP LUTRON #LOS-CDT-2000	24V	WALL	DUAL TECHNOLOGY WALL SENSOR WITH A COMBINATION OF ULTRASONIC AND PASSIVE INFRARED, SENSOR TO BE EQUIPPED WITH SELF-ADJUSTING TECHNOLOGY AND ISOLATED RELAY OUTPUTS, SENSOR SHALL OPERATE AS AUTOMATIC "ON" AND AUTOMATIC "OFF" WITH A 15 MINUTE TIME DELAY.	1
PP	WATTSTOPPER #BZ150 SENSOR SWITCH #PP20 GREENGATE #SP20-MV HUBBELL	120/277V	4 SQUARE BOX ABOVE ACCESSIBLE CEILING	POWER PACK TO OPERATE LOW VOLTAGE (24VDC) OCCUPANCY SENSORS, RELAY TO BE 20A RATED.	

REMARKS:
1. PROVIDE POWER PACKS AND EMERGENCY LIGHTING CONTROL UNITS AS REQUIRED TO OPERATE LIGHTING AS SHOWN ON FLOOR PLANS
2. 120/277V SENSOR IN LIEU OF POWER PACK IS ACCEPTABLE.
GENERAL NOTES:
1. CEILING MOUNTED OCCUPANCY SENSORS SHALL BE INSTALLED 6'-0" AWAY FROM ANY SUPPLY DIFFUSERS, COORDINATE WITH MECHANICAL CONTRACTOR.

- ### FWCS OWNER SPECIFIC GENERAL NOTES
- ALL HVAC EQUIPMENT SHALL HAVE CUSTOM METAL FILTER FRAMES SUPPLIED WITH EQUIPMENT. FRAMES SHALL BE FABRICATED BY HOMETOWN FILTER OF FORT WAYNE. CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE PAPER/CARDBOARD TEMPORARY FILTERS AND INSTALL METAL FILTER FRAME WITH FILTER MEDIA AT THE COMPLETION OF THE WORK.
 - ANY ELECTRICAL CIRCUIT THAT IS MODIFIED, ADDED, MOVED AS PART OF THIS PROJECT SHALL HAVE ALL J-BOXES, DEVICES, AND CIRCUIT PANEL DIRECTORIES UPDATED AND LABELED WITH PANEL AND CIRCUIT NUMBERS.
 - IF ANY WORK IS DONE WITHIN AN EXISTING ELECTRICAL PANEL, THE ELECTRICAL CONTRACTOR SHALL TRACE ALL EXISTING CIRCUITS AND UPDATE THE CIRCUIT DIRECTORY.
 - WHEN TIENING INTO ANY EXISTING SANITARY DRAIN OR FLOOR DRAIN FOR DRAINAGE, THE CONTRACTOR SHALL VERIFY THAT THE DRAIN IS CLEAR OF DEBRIS AND FLOWS FREELY BY TESTING WITH FULL GARDEN HOSE FLOW FOR A MINIMUM OF 15 MINUTES. IF AN OBSTRUCTION IS FOUND, REPORT TO OWNER AND ENGINEER.
 - ALL ROOF CURBS THAT ARE ABANDONED AS PART OF THIS PROJECT SHALL BE CAPPED WITH 16 GAUGE GALVANIZED STEEL WELDED SHEET METAL, CAP WITH DEBRIS BREAKS AND SEALED AIR AND WATER TIGHT, INSULATE BELOW CAP WITH 4" RIGID INSULATION AND MARK TOP OF ROOF CAP N.I.S. (NOT IN SERVICE), UNLESS NOTED OTHERWISE TO REMOVE AND PATCH ROOF.
 - CONTRACTOR SHALL RECLAIM ALL EXISTING REFRIGERANT INTO OWNERS CONTAINER AND PROVIDE TO OWNER, UNLESS NOTED OTHERWISE.
 - CONTRACTOR AND/OR SUBCONTRACTORS SHALL NOT STAGE AND/OR STORE MATERIALS ON EXISTING ROOF SYSTEMS THAT ARE NOT PART OF THIS WORK AS NOTED ON ROOF PLANS. IF A N.I.C. ROOF AREA IS APPROVED BY OWNER/EA FOR USE IN MATERIAL STORAGE OR TRAFFICKING OVER THEN THE CONTRACTOR MUST PROVIDE PROTECTION BOARD (1/2" PLYWOOD OVER 2" XPS) OVER STAGING OR TRAFFICKING AREA.
 - ITEMS NOTED TO BE SALVAGED AND DELIVERED TO OWNER SHALL BE DELIVERED TO FWCS FACILITIES AT 1519 CATALPA ST. FORT WAYNE, UNLESS NOTED OTHERWISE. COORDINATE WITH OWNER AND PROVIDE TRANSMITTAL TO OWNER TO CONFIRM DELIVERY AND RECEIPT BY OWNER.
 - COORDINATE WITH OWNER FOR EXACT MATCH TO EXISTING FINISHES INCLUDING, BUT NOT LIMITED TO PAINT, VINYL, AND CARPET FLOOR TILE AND ACOUSTICAL CEILING TILE.

- ### GENERAL ELECTRICAL DEMOLITION NOTES
- REMOVE ALL EXPOSED RACEWAY AND WIRE THAT ARE NO LONGER TO BE USED.
 - BLANK OFF OR REMOVE ALL ABANDONED JUNCTION AND OUTLET BOXES IN WALLS, FLOORS, AND CEILINGS THAT ARE TO REMAIN.
 - REMOVE ALL ELECTRICAL OUTLETS, DEVICES, AND RACEWAYS FROM WALL THAT ARE TO BE REMOVED.
 - REMOVE ALL FLOOR MOUNTED RACEWAYS.
 - ALL EXISTING EQUIPMENT THAT IS TO REMAIN IS INTENDED TO BE OPERATIONAL AT THE COMPLETION OF THE PROJECT. RE-CIRCUIT WHERE NECESSARY TO INSURE THIS CONTINUED OPERATION.
 - OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT THAT IS TO BE REMOVED.
 - ALL EXISTING RECEPTACLES AND LIGHT SWITCHES THAT ARE TO REMAIN WITHIN A REMODELED AREA SHALL BE REPLACED WITH NEW DEVICES AND COVER PLATES.
 - THE EXISTING EQUIPMENT SHOWN ON THE DRAWINGS IS BELIEVED TO BE A REASONABLE INDICATION OF THE EXISTING LAYOUT. EXACT QUANTITY AND LOCATION SHALL BE FIELD VERIFIED BY CONTRACTOR.

- ### GENERAL ELECTRICAL NOTES
- REFER TO ARCHITECTURAL PLANS FOR DIMENSIONS.
 - DIMENSIONS SHOWN ON OUTLET BOXES AND DEVICES SHALL BE TO THE BOTTOM OF THE BOX.
 - CONDUIT THROUGH LIGHT FIXTURES IS SHOWN TO INDICATE SWITCHING AND DOES NOT REPRESENT THE QUANTITY OR EXACT LOCATION OF WIRING AND/OR CONDUIT.
 - COORDINATE LOCATION OF LIGHT FIXTURES IN AREAS OF MECHANICAL DUCTWORK AND PIPING WITH MECHANICAL CONTRACTOR, RELOCATE LIGHT FIXTURES, WIRING, AND CONDUIT IF NECESSARY AND AS DIRECTED BY THE ARCHITECT/ENGINEER.
 - VERIFY LOCATION OF ALL BACKBOXES IN LABORATORY EQUIPMENT AND BUILT-IN FURNITURE WITH EQUIPMENT SUPPLIER AND INSTALLER PRIOR TO ROUGH-IN.
 - PROVIDE AND INSTALL PLASTER RINGS DRYWALL FRAMING KIT, OR SURFACE MOUNT KITS FOR LIGHT FIXTURES WHERE REQUIRED BY CEILING CONSTRUCTION, REFER TO ARCHITECTURAL DRAWINGS.
 - VERIFY HEIGHT AND LOCATION OF RECEPTACLES BEHIND ELECTRIC WATER COOLERS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
 - THE ELECTRICAL LAYOUT DRAWINGS ARE DIAGRAMMATIC IN NATURE. REFER TO ENTIRE CONSTRUCTION DRAWING SET AND SPECIFICATIONS FOR GUIDANCE ON DIMENSIONS, CEILING HEIGHTS, DOOR SWINGS, ROOM FINISHES, STRUCTURAL DETAILS, LOCATIONS OF PIPING, DUCTWORK, STRUCTURAL MEMBERS, AND OTHER OBSTRUCTIONS. INSTALL THE ELECTRICAL SYSTEMS SO AS NOT TO INTERFERE WITH THE INSTALLATION OR FUNCTION OF ANY WORK BY ANOTHER DISCIPLINE.
 - ALL DIMENSIONS OF EXISTING DEVICES AND EQUIPMENT ARE APPROXIMATE. CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES AND EQUIPMENT TO VERIFY DIMENSIONS SHOWN ON THE PLANS. ALL ADDED COSTS TO MODIFY NEW CONSTRUCTION DUE TO A LACK OF COORDINATION AND FIELD MEASUREMENTS SHALL BE BORNE BY THE CONTRACTOR.
 - PROVIDE ADDITIONAL SUPPORT FOR SWITCHES, STARTERS, RACEWAY, GROUNDING SYSTEMS, AND OTHER ELECTRICAL EQUIPMENT WHERE THE BUILDING CONSTRUCTION IS NOT SUITABLE FOR DIRECT MOUNTING.
 - ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, AND CEILINGS SHALL BE SEALED WITH FIRE STOPPING MATERIAL EQUAL TO THOMAS AND BETTS U.L. LISTED FLAME-SAFE FIRE STOP SYSTEM.
 - COORDINATE ALL EQUIPMENT WIRING WITH MFR'S REQUIREMENTS. CHANGES REQUIRED FROM THE USE OF PRODUCTS THAT ARE OTHER THAN THE BASIS OF DESIGN SHALL BE BORNE BY THE CONTRACTOR.
 - SIZING OF BRANCH CIRCUITS AND FEEDERS FOR EQUIPMENT IS BASED ON DESIGN LOADS. PRIOR TO INSTALLATION, CONFIRM EXACT LOADS WITH RELEASED SHOP DRAWINGS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ENGINEER PRIOR TO ROUGH-IN.
 - BRANCH CIRCUITS SHALL BE WIRED WITH 34°C, 2-#12, 1-#12G, UNLESS NOTED OTHERWISE NEUTRAL CONDUCTORS SHALL NOT BE SHARED ON BRANCH CIRCUITS.
 - WHERE CONDUIT AND WIRING HAS NOT BEEN SHOWN ON THE DRAWINGS, THE ARRANGEMENT AND ROUTING OF LIGHTING AND RECEPTACLE BRANCH CIRCUITS SHALL BE AT THE DISCRETION OF CONTRACTOR IN ACCORDANCE WITH GENERALLY ACCEPTED GOOD PRACTICE, N.E.C. REQUIREMENTS, AND THE FOLLOWING LIMITATIONS:
 - EXCEPT WHERE NOTED OTHERWISE, SIZE BRANCH CIRCUIT CONDUCTORS WITHIN THE FOLLOWING MAXIMUM LENGTH LIMITS: (MEASURE TO THE CENTER OF THE LOAD FOR LIGHTING AND TO THE MOST REMOTE OUTLET FOR RECEPTACLE CIRCUITS)
 - CIRCUIT BREAKER
 - CIRCUIT LENGTH
 - CONDUCTOR SIZE
 - PROVIDE #12 AWG MINIMUM FOR BRANCH CIRCUITS. PROVIDE ADDITIONAL DERATING PER NEC TABLES 310-16 THROUGH 310-31 FOR ALL HOME RUNS WITH MORE THAN THREE CURRENT CARRYING CONDUCTORS IN A RACEWAY.
 - CONDUITS SHALL BE LIMITED TO A MAXIMUM OF NINE BRANCH CIRCUIT CONDUCTORS OF WHICH A MAXIMUM OF FOUR PHASE CONDUCTORS SHALL BE PERMITTED. GROUNDING CONDUCTORS SHALL NOT BE INCLUDED IN THE COUNT.
 - FOR EQUIPMENT THAT IS TO BE FURNISHED BY OTHERS AND WIRED BY THIS CONTRACTOR, REVIEW ALL SPECIFICATION SECTIONS, EQUIPMENT SCHEDULES, AND/OR DRAWING DETAILS THAT PERTAIN TO THIS EQUIPMENT AND INCLUDE ALL WIRING AND DEVICES REFERENCED. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF THIS EQUIPMENT WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN INSTALLATION.
 - CONDUIT, BOXES, AND WIRING DEVICES IN ALL AREAS SHALL BE INSTALLED IN CONCEALED SPACES OR RECESSED IN WALLS UNLESS IN MECHANICAL/ELECTRICAL EQUIPMENT ROOMS OR AS DIRECTED BY THE ARCHITECT/ENGINEER.
 - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ROUGH-IN OF TEMPERATURE CONTROL DEVICES. CONTRACTOR SHALL PROVIDE AND INSTALL BACK BOXES AND CONDUIT WITH BUSHING TO NEAREST ACCESSIBLE CEILING. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS. COORDINATE WITH MECHANICAL CONTRACTOR.
 - ELECTRIC WATER COOLERS (EWC) DUPLEX RECEPTACLE ON SYMBOL SCHEDULE SHALL BE PROTECTED BY GFCI PROTECTED CIRCUIT BREAKER IN PANEL BOARD UNLESS OTHERWISE NOTED. PROVIDE AT ALL LOCATIONS.
 - ALL HVAC CONTROL WIRING SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR UNLESS NOTED OTHERWISE.
 - ALL FIRE ALARM BRANCH CIRCUITS SHALL BE A DEDICATED BRANCH CIRCUIT AND IDENTIFIED WITH A RED MARKING LABELED AS "FIRE ALARM CIRCUIT" WITH A RED CIRCUIT BREAKER LOCKOUT DEVICE.

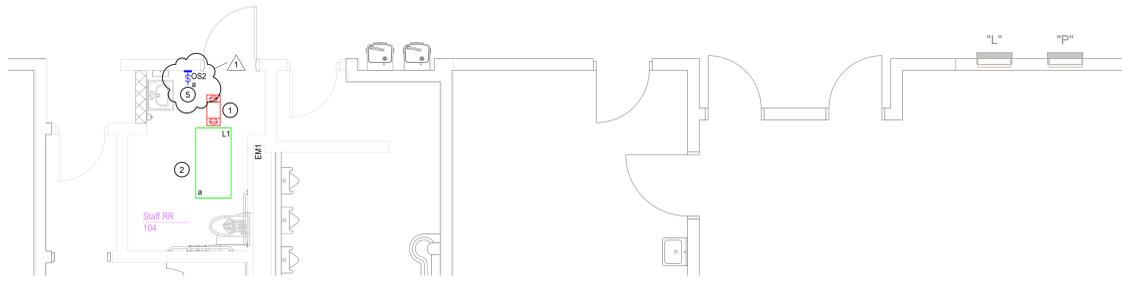
ELECTRICAL ABBREVIATIONS SCHEDULE			
A OR AMP	AMPERE	EM	EMERGENCY ELECTRICAL METALLIC TUBING
AC	ABOVE COUNTER	EMT	EQUAL
AE	ARCHITECT/ENGINEER	EQ	ELECTRIC WATER COOLER
AFF	ABOVE FINISHED FLOOR	EWC	ELECTRIC WATER HEATER
AFG	ABOVE FINISHED GRADE	EWI	EXISTING
AHU	AIR HANDLING UNIT	EX	EXISTING
ALT	ALTERNATE	EXT	EXTERIOR
APPROX	APPROXIMATELY	FA	FIRE ALARM
AWG	AMERICAN WIRE GAUGE	FA	FIRE ALARM ANNUNCIATOR
BLDG	BUILDING	FAA	FIRE ALARM CONTROL PANEL
BLNG	BLOCKING	FACP	FAN COIL UNIT
BTM	BOTTOM	FCU	FOUNDATION
C	CONDUIT	FDN	FINISH
CB	CIRCUIT BREAKER	FL	FLUORESCENT
CL	CENTERLINE	FT	FOOT
CFM	CUBIC FEET PER MINUTE	FT-C	FOOT CANDLE
CUH	CABINET UNIT HEATER	GR	GROUND
CLG	CEILING	G OR EGC	GAUGE
CMU	CONCRETE MASONRY UNIT	GA	GENERATOR ANNUNCIATOR PANEL
COL	COLUMN	GFCI OR GFI	GROUND FAULT CIRCUIT INTERRUPTER
CONC	CONCRETE	GRG	GALVANIZED RIGID CONDUIT
CONC BLK	CONCRETE BLOCK	GRW	GAS WATER HEATER
CONST	CONSTRUCTION	HT	HEIGHT
CONTR	CONTRACTOR	HR	HORIZONTAL
Cu	COPPER	HR	HORIZONTAL
DC	DIRECT CURRENT	HP	HIGH PRESSURE SODIUM
DA	DIAMETER	HR	HOUR
DEG	DEGREE	ID	INSIDE DIAMETER
DET	DETAIL	IG	ISOLATED GROUND
DWG	DRAWING	IMC	INTERMEDIATE METAL CONDUIT
EC	ELECTRICAL CONTRACTOR	INSUL	INSULATION
EC	ELECTRICAL CONTRACTOR	INT	INTERIOR
EFC	ELECTRICAL CONTRACTOR	INFO	INFORMATION
ELEV	ELEVATION	KOML	THOUSAND CIRCULAR MILLS
		KVA	KILOVOLT-AMPERE
		KW	KILOWATT
		KWH	KILOWATT-HOUR
		LP	LIGHT POLE
		MAU	MAKE-UP AIR UNIT
		MAX	MAXIMUM
		MC	MECHANICAL CONTRACTOR
		MCC	MOTOR CONTROL CENTER
		MCM	THOUSAND CIRCULAR MILLS
		MFR	MANUFACTURER
		MH	METAL HALIDE
		MIR	MINIMUM
		MISC	MISCELLANEOUS
		MO	MASONRY OPENING
		NOM	NOMINAL
		NC	NORMALLY CLOSED
		ND	NOT IN CONTRACT
		NL	NIGHT LIGHT
		NO	NORMALLY OPEN
		NTS	NOMINAL
		OAC	OPENING ABOVE CEILING
		OC	ON CENTER
		OD	OUTSIDE DIAMETER
		PC	PLUMBING CONTRACTOR
		PH	PHASE
		PIV	POST INDICATING VALVE
		PVC	POLYVINYL CHLORIDE
		R	REQUIRED
		REQ OR REED	REQUIRED
		RM	ROOM
		RO	ROUGH OPENING
		RTU	ROOM TOP UNIT
		SCHED	SCHEDULE
		SM SPEC	SIMILAR SPECIFICATION
		SS	STAINLESS STEEL
		STD	STANDARD
		STL	STEEL
		SUSP	SUSPEND
		TB	TEMPERATURE CONTROL PANEL
		TTS	TELEPHONE TERMINAL BOARD
		TWS	TEACHERS WORK STATION
		TYPC	TYPICAL
		UH	UNIT HEATER
		UL	UNDERWRITERS LABORATORIES
		UNO	UNLESS NOTED OTHERWISE
		UPS	UNINTERRUPTIBLE POWER SUPPLY
		V	VOLTAGE
		VAV	VARIABLE AIR VOLUME
		VERT	VERTICAL
		VFD OR VSD	VARIABLE FREQUENCY DRIVE
		W	WALL
		W/G	WIRE GUARD
		W/O	WITHOUT
		WP	WEATHERPROOF
		XFMR	TRANSFORMER
		YR	YEAR

POWER SYMBOLS			LIGHTING SYMBOLS			FIRE ALARM SYMBOLS		
	RECESSED PANELBOARD			SWITCH, "X" DENOTES SWITCH TYPE. SEE SWITCH TYPES BELOW.		NOTIFICATION DEVICE HORN/VISUAL, CEILING MOUNT		
	SURFACE MOUNTED PANELBOARD			SWITCH, "Y" DENOTES SWITCHING FOR LIGHTS.		NOTIFICATION DEVICE, CEILING MOUNT, "X" DENOTES FIRE ALARM DEVICE TYPE. SEE FIRE ALARM DEVICE TYPES BELOW.		
	FUSIBLE DISCONNECT, "XXX" DENOTES MAX. AMPACITY OF DISCONNECT			SWITCH TYPES		CEILING MOUNTED SMOKE DETECTOR.		
	NON-FUSIBLE DISCONNECT, "XXX" DENOTES MAX. AMPACITY OF DISCONNECT		"2"	120/277 V, DOUBLE POLE 20 AMP AC SWITCH		CEILING MOUNTED SMOKE DETECTOR, "X" DENOTES FIRE ALARM DEVICE TYPE. SEE FIRE ALARM DEVICE TYPES BELOW.		
	LINE VOLTAGE THERMOSTAT, THERMOSTAT PROVIDED BY MECHANICAL CONTRACTOR, ROUGH-IN AND INSTALLATION BY ELECTRICAL CONTRACTOR.		"3"	120/277 V, THREE WAY 20 AMP AC SWITCH		NOTIFICATION DEVICE HORN/VISUAL, 87" A.F.F., UNO.		
	MOTOR CONNECTION.		"4"	120/277 V, FOUR WAY 20 AMP AC SWITCH		NOTIFICATION DEVICE, 87" A.F.F., UNO, "X" DENOTES FIRE ALARM DEVICE TYPE. SEE FIRE ALARM DEVICE TYPES BELOW.		
	JUNCTION BOX, "X" DENOTES LOCATION (CLG = CEILING MOUNTED)		"0"	120/277 V, 0-10V DIMMER SWITCH		CEILING MOUNTED SPEAKER		
	ELECTRIC HAND DRYER, MOUNTED AT 44" AFF. REFER TO SPECIFICATIONS		"XX"	120/277 V, 20 AMP DUPLEX RECEPTACLE 16" A.F.F. UNO, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.		CEILING MOUNTED PRO AUDIO SPEAKER		
	120V, 20 AMP DUPLEX RECEPTACLE 16" A.F.F. UNO, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			LIGHT FIXTURE, "XX" DENOTES FIXTURE TYPE, "ab" DENOTES SWITCHING TYPE.				
	120V, 20 AMP DUPLEX RECEPTACLE AT 44" A.F.F. OR 6" ABOVE CASEWORK SURFACE, UNO, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			EXTERIOR WALL MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE				
	120V, 20 AMP DOUBLE DUPLEX RECEPTACLE 16" A.F.F. UNO, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			EXTERIOR POLE MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE				
	120V, 20 AMP DOUBLE DUPLEX RECEPTACLE AT 44" A.F.F. OR 6" ABOVE CASEWORK SURFACE, UNO, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			EXTERIOR POST TOP MOUNTED FIXTURE, "XX" DENOTES FIXTURE TYPE				
	120V, 20 AMP HORIZONTAL DUPLEX RECEPTACLE AT 6" ABOVE WORK SURFACE, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			WALL MOUNTED EMERGENCY LIGHT FIXTURE				
	120V, 20 AMP HORIZONTAL DUPLEX RECEPTACLE AT 44" A.F.F. OR 6" ABOVE WORK SURFACE, "X" DENOTES RECEPTACLE TYPE. SEE RECEPTACLE TYPES BELOW.			CEILING MOUNTED EMERGENCY LIGHT FIXTURE				
	RECEPTACLE TYPES			CEILING MOUNTED OCCUPANCY SENSOR, "X" DENOTES SENSOR TYPE, "Y" DENOTES SWITCH TYPE				
	EWC DEVICE OR GFCI CIRCUIT BREAKER TO SERVE ELECTRIC WATER COOLER, MOUNT PER EWC MFR'S REQUIREMENTS.			WALL MOUNTED OCCUPANCY SENSOR, "X" DENOTES SENSOR TYPE, "Y" DENOTES SWITCH TYPE, 9'-0" A.F.F., UNO				
	GROUND FAULT CIRCUIT INTERRUPTER							
	GROUND FAULT CIRCUIT INTERRUPTER AND "WHILE-IN-USE" WEATHER RESISTANT COVER PLATE.							
	HORIZONTALLY MOUNTED SURFACE RACEWAY							
	VERTICALLY MOUNTED SURFACE RACEWAY							
	MULTI-OUTLET ASSEMBLY WITH OUTLETS ON CENTER AS INDICATED ON THE DRAWING OR SPECIFICATIONS, MOUNTED 6" ABOVE COUNTER, UNO.							
	TEMPERATURE CONTROL PANEL, PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.							

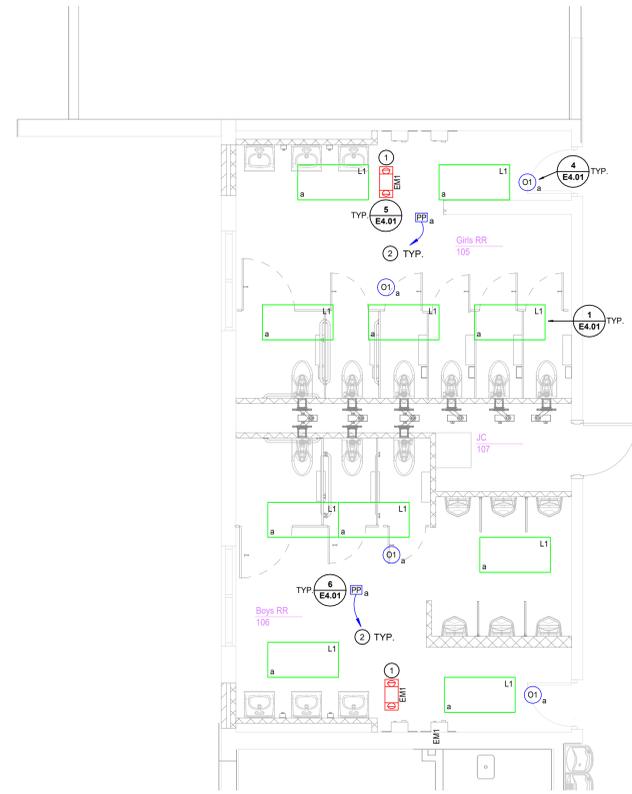
*** NOT ALL SYMBOLS USED ON THIS PROJECT**

EQUIPMENT SCHEDULE											
EQUIPMENT DESIGNATION	EQUIPMENT LOCATION	EQUIPMENT LOAD	VOLTAGE/PHASE	CIRCUIT INFORMATION		DISCONNECT				REMARKS	
				CONDUIT AND CONDUCTOR SIZE	BRANCH CIRCUIT DESIGNATION	PROVIDED BY	FUSED OR NON-FUSED	NEMA ENCLOSURE	DISCONNECT SWITCH SIZE		FUSE RATING
CUJ-1	GIRLS RR 105	2 KW	120V/1PH	3/4" C, 2-#10, 1-#10G	1-2B	INT					1,2
CUJ-2	BOYS RR 106	2 KW	120V/1PH	3/4" C, 2-#10, 1-#10G	1-2B	INT					1,2
RCP-1	GIRLS RR 105	750W	120V/1PH	3/4" C, 2-#12, 1-#12G	1-2B	EC					1,3
RCP-2	BOYS RR 106	750W	120V/1PH	3/4" C, 2-#12, 1-#12G	1-2B	EC					1,3

SCHEDULE ABBREVIATIONS			
A	AMPACITY	HLO	HIGH/LOW/OFF SWITCH

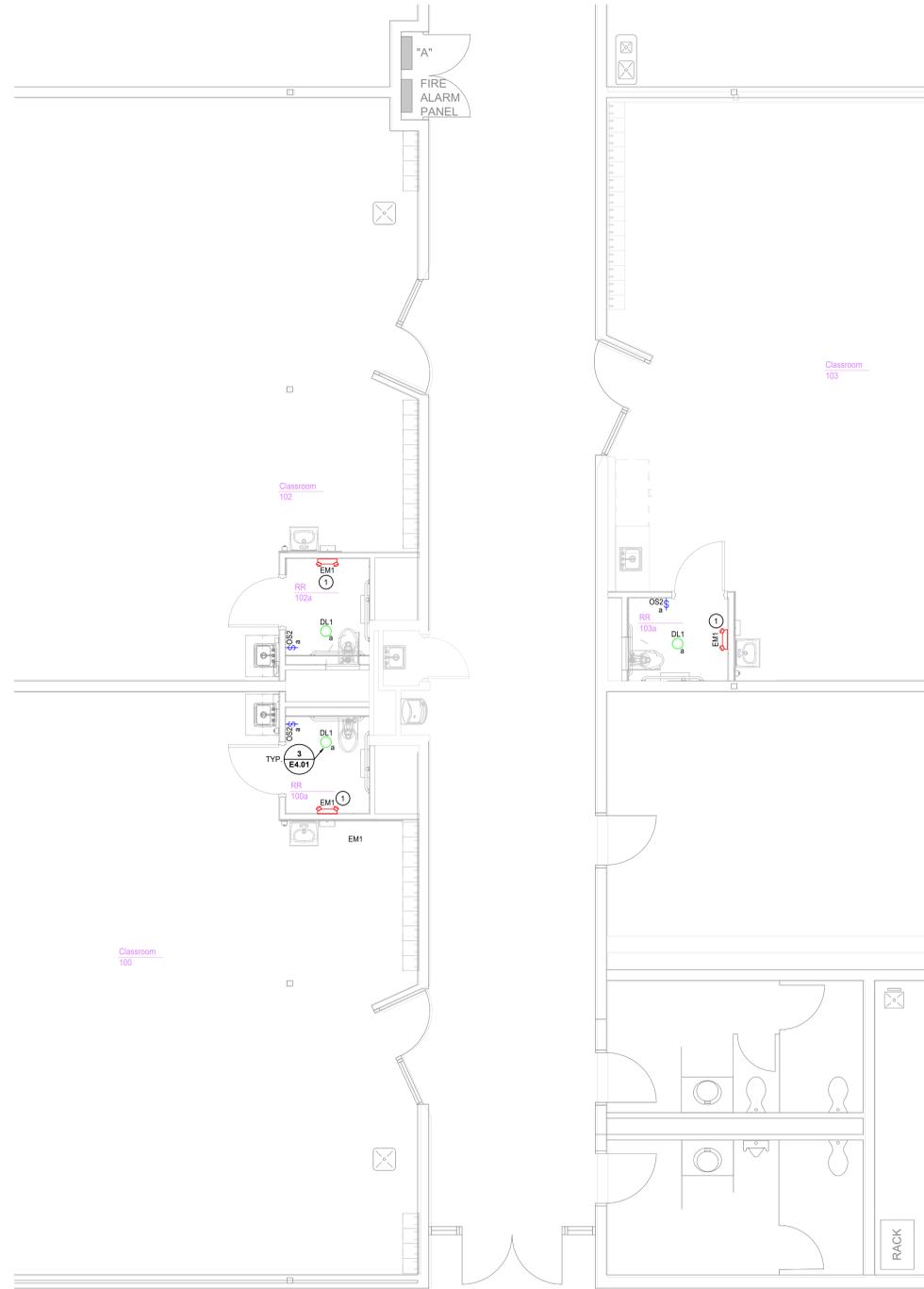


1 First Floor Lighting Plan - West Staff Restroom
1/4" = 1'-0"

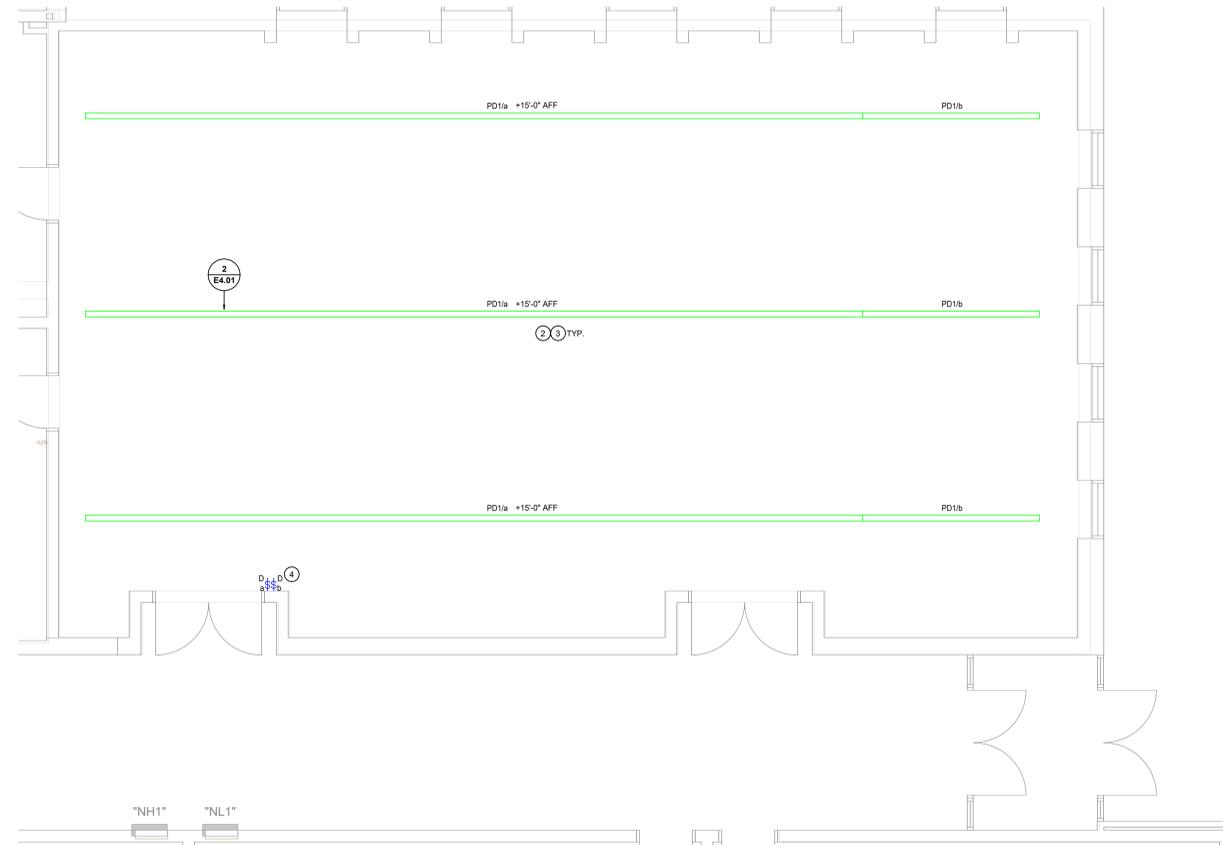


2 First Floor Lighting Plan - North Student Restroom
1/4" = 1'-0"

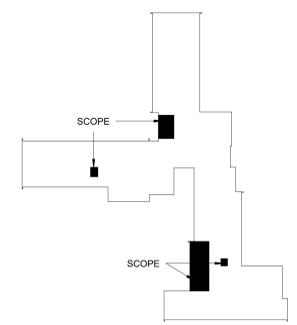
- PLAN NOTES**
- CONNECT EXIT / EGRESS FIXTURE(S) TO NORMAL LIGHTING CIRCUIT SERVING AREA, AHEAD OF ANY SWITCHES, SENSORS AND RELAYS PER NEC.
 - PROVIDE AND INSTALL LIGHT FIXTURE(S) IN NEW CEILING. INTERCEPT AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT SERVING AREA TO CONNECT TO NEW LIGHTING AND LIGHTING CONTROLS.
 - PROVIDE AND INSTALL 0-10V DIMMING CONTROL CABLING WITH EXISTING BRANCH CIRCUIT FROM NEW DIMMER SWITCH TO LIGHT FIXTURE(S) SERVING AREA. TYPICAL OF AREA WITH 0-10V DIMMING.
 - PROVIDE AND INSTALL NEW DIMMER SWITCHES IN EXISTING DEVICE BOX. EXTEND EXISTING BRANCH CIRCUIT AS REQUIRED TO CONNECT NEW SWITCH. PROVIDE AND INSTALL NEUTRAL CONDUCTOR AS REQUIRED. PROVIDE BLANK INSERTS FOR NEW WALK PLAYS.
 - PROVIDE AND INSTALL NEW SURFACE MOUNT SWITCH TO SERVE ROOM. USING LEGRAND WIREMOLD SERIES #700 RACEWAY. EXTEND EXISTING BRANCH CIRCUIT AND CONTROLS AS REQUIRED TO CONNECT TO NEW SWITCH. PROVIDE AND INSTALL NEUTRAL CONDUCTOR AS REQUIRED.



3 First Floor Lighting Plan - Classroom Restrooms
1/4" = 1'-0"



4 First Floor Lighting Plan - Media Center
1/4" = 1'-0"



A PROJECT FOR:

We Are Your Schools

Northcrest Elementary School Renovation

All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc. and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to make copies for informational and reference purposes.
©2026 Primary Engineering, Inc.

mark	date	description
1	02/13/2026	ADDENDUM #2

First Floor Lighting Plan

Autodesk Docs://25776 FWCS Brentwood NSHS Northcrest/25776 - Northcrest - Elec - RV25.rvt

2/12/2026 1:06:44 PM



