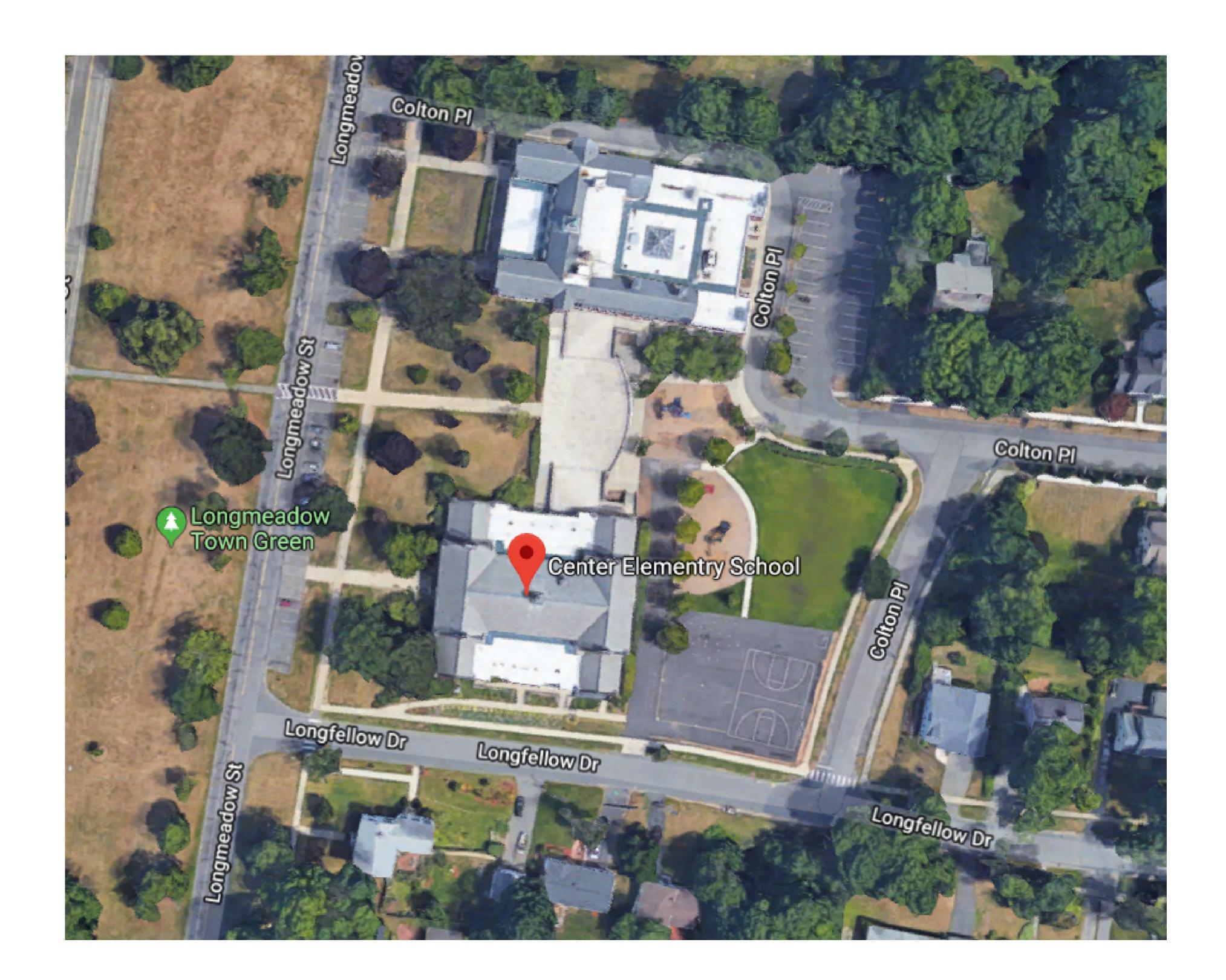
# TOWN OF LONGMEADOW CENTER ELEMENTARY SCHOOL FIRE ALARM SYSTEM REPLACEMENT

# Project Team OWNER Town of Longmeadow 129 Concord Rd Longmeadow, MA

MEP ENGINEER NV5 380 Russell St. Hadley, MA 413-387-4640

978-436-6698



# DRAWING LIST

EF8.00 ELECTRICAL DETAILS

# ELECTRICAL

EF0.00 ELECTRICAL FIRE ALARM LEGEND, NOTES & KEY PLANS EFD2.00 ELECTRICAL FIRE ALARM A WING LOWER LEVEL DEMO PLAN EFD2.01 ELECTRICAL FIRE ALARM B WING LOWER LEVEL DEMO PLAN EFD2.02 ELECTRICAL FIRE ALARM C WING LOWER LEVEL DEMO PLAN EFD2.10 ELECTRICAL FIRE ALARM A WING MAIN LEVEL DEMO PLAN EFD2.11 ELECTRICAL FIRE ALARM C WING MAIN LEVEL DEMO PLAN EFD2.20 ELECTRICAL FIRE ALARM A WING UPPER LEVEL DEMO PLAN EFD2.21 ELECTRICAL FIRE ALARM C WING UPPER LEVEL DEMO PLAN EF2.00 ELECTRICAL FIRE ALARM A WING LOWER LEVEL NEW WORK PLAN EF2.01 ELECTRICAL FIRE ALARM B WING LOWER LEVEL NEW WORK PLAN EF2.02 ELECTRICAL FIRE ALARM C WING LOWER LEVEL NEW WORK PLAN EF2.10 ELECTRICAL FIRE ALARM A WING MAIN LEVEL NEW WORK PLAN EF2.11 ELECTRICAL FIRE ALARM C WING MAIN LEVEL NEW WORK PLAN EF2.20 ELECTRICAL FIRE ALARM A WING UPPER LEVEL NEW WORK PLAN EF2.21 ELECTRICAL FIRE ALARM C WING UPPER LEVEL NEW WORK PLAN EF7.00 ELECTRICAL FIRE ALARM RISER DIAGRAMS

Issued For Bid

## FRE ALARM PULL STATEM: Y'WHE LIANGU FRE ALARU PER STATION - W WOOL SHOKE DETICINGS - X' WING 12 BUCT CARBON MONDE DETECTOR 14 NOTICEN CARBON MONOXICE DETECTOR 15 HEAT DETECTION 16 MISUL SYSTEM BPUT FIRE ALARM SYSTEM LOW BATTES OPEN CIRCUIT 23 GROUND FAMILT 24 INDITE ICATION APPLIANCE OR OUT SHORT

### MATRIX KEY

- REQUIRED CONTROL FUNCTION
- ACTUATE CORRESPONDING ALARM NONATOR
- SQUENCE OF OPERATION SHALL BE APPROVED BY AND PRIOR. TO PRODUCENCY OF THE ACADIC SYSTEM

### FIRE ALARM SEQUENCE OF OPERATION MATRIX

- 2 SHOP DRAWNIGS SIMIL INCLUDE FLOOR PLANS WITH DEVICE LAYOUT, EACH DEVICE SKALL HAVE ITS ASSOCIATED ADDRESS ELUSTRATED AND CROSS REFERENCED TO THE FEDERICE OF DREAKINGS LATRIX, SHOP DRAWNIF FLOOR PLANS AND RISER DAGRAM SHALL LLUSTRATE ALL REQUIRED THE
- 3 VISUAL APPEANCES SIMPL STOP FLASHING WHEN SLENCE FUNCTION SELECTED AT PIRE ALARM CONTROL PANEL IN ACCORDANCE WITH HIPPA 72

### FIRE ALARM PERMIT SUBMISSION NOTES

- REFERENCE TO NPPA 72 ARE TO THE 2013 EDITION IN ACCORDANCE WITH 780 CMP. 2. THRE DRAWING CONSTITUTES THE THER ONE FLOOR PLAN BURBARSHON IN ACCORDANCE WITH THE MA STATE BUILDING CODE TROCHE SOLZ.1.1. THESE REQUIREMENTS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
- A FLOOR PLAN ALLUSTRATING ALL ROOM USES. ELECTION OF ALL INITIATING DEVICES, CELING TYPE AND HEIGHT ARE INCLUDED WHERE DETECTION ELLISTRATED AND UNUSUAL CONDITIONS APPLY BUCH AS NEIGHT OVER 10 FEET OR WHERE INCAMS AND JOISTS ARE
- INTERFACE OF FIRE BAFETY FUNCTIONS BUCH AS DOOR URLOCKING, SOUND SYSTEM MUTING AND ILLUMINATION TO 100% (WHERE REQUIRED).
- LLOCATION OF ALL NOTIFICATION APPLIANCES WITH STROSE CANDELA RATINGS.
- L POWER BOURCE FOR ALL PANELS AND POWER SUPPLIES.
- 3. THE INSTALLING CONTRACTOR IS RESPONSIBLE FOR THE DEVELOPMENT AND SUBMISSION OF THE REQUIRED TIET WTO SHOP DEVIMINGS IN ACCORDANCE WHITH PROCESS OF THE OBJECT OF THE OBJECT OF THE OBJECT OF BNORMER FOR REYMEN AND BE OF GUIPFICIENT GUALITY TO BE APPROVED PROOF TO THE CONTRACTORS BURNISHED TO THE ANY FOR PERMIT.
- NPPA 72 AND 780CMR 907.1.2 TIER TWO SHOP DRAWING REQUIREMENTS SYCLLOGE, BUT ARE NOT LIMITED TO THE FOLLOWING:
- A HAME, LICENSE HUMBER AND LICENSE EXPIRATION DATE OF THE INSTALLING CONTRACTOR.
- N. RISER DIAGRAM WITH ALL DEVICES, INTERCONNECTING WIRING AND CIRCUITING INTENT.
- D. CALCULATIONS FOR POWER BUPPLY (DC AND AMPLIFIERS WHERE USED), BATTERY CAPACITY AND YOLTAGE DROP.
- d. MANUFACTURER'S CUT SHEETS FOR ALL DEVICES AND MATERIALS. a, THE ACTUAL BUILDING FA BEQUENCE OF OPERATIONS OBTAINED FROM TH

- L ACAD PLANS WILL BE MADE AVAILABLE FOR THE CONTRACTORS USE INCLUDING ALL TIER ONE INFORMATION IN ACCORDANCE WITH THE CONTRACTIVAL REQUIREMENTS. THE DOCUMENT SHALL CLEARLY INDICATE THE CONTRACTOR'S OWNERSHIP OF ELLISTRATED INFORMATION.
- IL CONDUIT ROUTING AND CONDUCTOR TYPE AND COURT BETWEEN ALL DEVICES BLUSTRATING INSTALLATION INTENT, WHERE REQUIRED BY THE RISER AND/OR SPECIFICATIONS, CLEARLY BLUSTRATE CLASS A
- ILAUDIBLE DEVICE TAP SETTINGS WHERE ADJUSTABLE. MINITIATING DEVICE ADDRESSES WHERE MANUFACTURER CAN APPLY THEM PRIOR TO INSTALLATION ON THE SLC.
- NFPA 72 AND 780CMR 907.1.2.1.3 72 TER THREE RECORD DRAWINGS INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
- E. AS-BULT PLANS DERIVED FYOM THE THIR TWO FLOOR PLANS ELUSTRAT HISTALLED CONDITIONS, DEVICE ADDRESSES, FINAL TAP SETTINGS AND AUDIBLE AMBIENT AND TEST DIS READINGS THROUGHOUT THE SPACE.
- C. CALLI MANUAL PER HEPA 72 RECURREMENTS.
- SYSTEM RECORD OF PISPECTION AND TESTING FORM PER NIPA 72 FIGURE 7.8.2(g) THRU (I) SECTIONS AS APPLICABLE TO THE PROJECT SCOPE.
- I. CONFRMATION THAT A RECORD COPY OF THE SITE SPECIFIC SOFTWARE HAS BEEN DELIVERED TO THE OWNER'S REPRESENTATIVE.

### FIRE ALARM DEMOLITION NOTES

REPER TO ALL PIKE ALARM DRAWNOS FOR THE FULL EXTENT OF THE SCOPE OF DEMOLITION. THE ELECTRICALIFIES ALARM SCOPE MAY EXTEND SEYOND THE AREA DEFINED BY THE DEMOLITION LIMITS TO FULLY COMPLY WITH VARIOUS REQUIREMENTED BY THESE MOTES.

THE DERION INTENT IS THAT THE ENTIRE FIRE ALARM SYSTEM SHE REPLACED, LIMITED BELMENTS OF THE DOSTING SYSTEM SHALL RIGHME, AND SHALL INCLUDE MAGNETIC DOOR MALDER SYSTEM, APPRINGIBLE MONITOR SYSTEMS, AND SHALL INCLUDE COMPONENTS DESIGNATED ON PLAN. ALL EXOSTING PRIE ALARMA DEVICES AND CRICLITITY SHALL DE COMPLETELY PESSOVED UNDESS OTHERWISE NOTED ON THE PLANS. FOR SOOMS PURPOSES GLAWY AN ADOTTIONAL 2% FOR SCOT TYPE OF DRIVE PRIMINEY THAT IS RECLUDED IN THE SCOPE, BUT MAY HAVE SHOWN ON THE

7. THE ELECTRICAL CONTRACTOR SHALL RELOCATE CELING TILES AS REQUIRED TO ACCOMMODATE NEW LOCATIONS CELIND DETECTION DETYCES AS BIDICATED BY THE PLANS. THE BUILDING OWNER SHALL FIRMSHOT DELING TILES FOR REPLACEMENT, ELECTRICAL CONTRACTOR SHALL INSTALL NEW CELING TILES WHERE CELING MOUNTED DEVICES ARE NO LONGER REQUIRED.

8. THE BLECTRICAL CONTRACTOR SHALL PROVIDE FOR PATCH & REPAIR OF ALL WALL AND CELING OPENHOR AFTER DESIGNITION OF EDISTRIO SYSTEM. COORDINATE WITH BUILDING OWNER FOR REQUIRED PLANT COLORS TO BE UBED IN EACH AREA BLECTRICAL CONTRACTOR SHALL PROVIDE PRIMER AND PAINT REQUIRED FOR FRISH.

9. ALL REMOVED ITEMS SHALL BE LEGALLY DISPOSED OF UNLESS IDENTIFIED FOR REJUSE. THE OWNER'S REPRESENTATIVE SHALL RESPECT ALL RETAINED ITEMS PROV PLACEMENT IN THE IDENTIFIED STORAGE LOCATION BY THE SECTRICAL CONTRACT

10. THE ELECTRICAL CONTRACTOR SHALL INSTALL THE NEW FRIE ALAPM SYSTEM FROM TO DECOMMEND ON THE EXISTING FRIE ALAPM SYSTEM. THE NEW FRIE PRODUCT TO DECOMMEND HAND OF THE ENSITY OF THE ALAPM SYSTEM. THE NEW FRIE PRODUCT OF THE NEW APPROVED BY THE LOCAL AUTHORITY HAVING A RESOLUTION. COSTING TO RESULT AND APPROVED BY THE LOCAL AUTHORITY HAVING A RESOLUTION. COSTING TO RESULT AND APPOINCED FROM THE LOCAL FRIEND HAND FROM THE HOUSE OF THE TOTAL SHALL SHALL

### **GENERAL FIRE ALARM NOTES**

- ALL FREE ALANA EQUIPMENT/DEVICES AND THEIR INSTALLATION SHALL MEET THE RECURRENCES OF ADA.

  HERY X, MAYA 15, MASACHMENTS BULGHOST COCK AND THE LONGBOOM FREE DEPARTMENT RELEE AND

  STRONGHOSTATION OF TALL MEY PREE ALANA ADDROVERUL, AND STRONG LONGBOOK OF THE STRONGHOST AND STRONGHOST.
- BULDING STAPP AND PORSO WILL BE URNOT THE BRILLIANG ON A DAMA NAME, ALL WORK INJUST BE PROVIDED BY A SAME ALL WORK INJUST BE PROVIDED BY A SAME ALL WORK INJUST BE PROVIDED BY A SAME AND A
- PRIOR TO THE MEMOVAL OF EXISTING PIPE ALARM ECLIPMENT AND ASSOCIATED DEVICES. THE NEW PIPE ALARM SYSTEM MALL BE COLPLATELY PRETALLED, OPENATIONAL, TRETER AND APPROVED BY THE SPRINGELD PIPE DEVICES. AT HIS THE SHALL THE EXISTING SYSTEM OF TAKEN OUT OF SERVICE WITHOUT SPECIAL PROPERTY OF THE OWNER, AND LONGRADION PIPE DEPAYMENTS.
- ONTARIA COPY OF THE CITY OF LONGMEADOW FIRE DEPARTMENT'S FIRE ALARM RULES AND REQULATIONS ALL FIRE ALARM WORK OF ALL SIC FIRE RULES AND REQULATIONS.
- CRETAIN A PINE ALARM PRIMAT AND ELECTRICAL PRIMAT AND PAY ALL PRIMAT PRIMA.
- THE PRICE ALASM SYSTEM SHOP DRAWNOS SHALL BE PRIVIEWED AND APPROVED BY BOTH THE ENGINEER AND THE LONGISHADOW FIRE DEPARTMENT AND ENGINEER MART SHOR DRY THE SHOP PRIVINGES PROCED TO CONCENSION AND BY ALASM AND ENGINEER MART SHOR DRY THE SHOP PRIVINGES PROCED TO CONCENSION AND BRANCHARDON OF ENGINEERS.
- CONTRACTOR BHALL PROVIDE A WORK SCHEDULE, WHICH WILL BE APPROVED BY THE INGRIESS AND THE OWNER BEFORE WORK BEGINS, WORK WILL BOT BE PERMITTED TO DISRUPT NORMAL ACTIVITIES, LINE DIS ACRESS TO JAND SCHEDULED WITH THE OWNER.
- SUBART A LIGHT OF ALL ADDRESSABLE PRES ALARM DEVICES WITH A DESCRIPTION OF DEVICE AND AREA SERVED, THE LIGHT AND DESCRIPTION MANUTE OR REVENIEND AND APPROVED BY THE LONGMEADOW FIRE DEPARTMENT INFORM PROGRAMMEN OF THE PRES ALARM CONTROL PARKET.
- ALL WORK SHALL BE PERFORMED IN AS SAFE A MARKET AS POSSESSE. ALL WORK AREAS SHALL SE MADE BAFE AT THE SHO OF EACH DAY AND THE AREAS UNDER CONSTRUCTION SHALL SE CLEANED ON A DALY.
- UBE CARE IN REMOVING AND REPLACING CELLING TIERS TO INSTALL CONDUCT AND REPLACE ANY TILES DAMAGED AS A RESULT OF THE FIRE ALARM SYSTEM INSTALLATION AND/OR REMOVAL.
- COVER AND LABEL ALL NEW PIRE ALASM EQUIPMENT AS IT IS INSTALLED. COVER AND LABEL TO BE RESM BY THE SECURIOUS CONTRACTION ON THE DAY OF FIRM. TESTING AND ACCEPTANCE OF THE INTER ALAM BY STEELE BY THE LENGALEACOM PIRE DEPARTMENT, INCH. ACTIVATION OF THE NEW PIRE ALAMS STEELE ELECTRICAL CONTRACTOR SHALL COVER AND LABEL ALL EXISTING ASAMOCHED PIRE ALASM EQUIPMENT LATEL IT IS REGAVED IN ITS BOTTOM.
- ALL WIRING METHODS SHALL BE AS APPROVED BY THE LONGMEADOW WIRING INSPECTOR AND THE LONGMEADOW PRIC DEPARTMENT.
- ALL FIRST ALAPSI WITHOU SHALL BE AS FIRST MANUFACTURED TO RECOMMENDATIONS, ALL WITHOU SHALL, BE CONTROL HALLAND MANUFACTURED.
- M. NO CONDUIT MANUER THAN "Y ELECTRICAL TRADE BUTE BHALL BE UNED, UNLESS BY BOARDALLY CALLED FOR CHITTEE CRAMMON, CONDUIT BELOW IN A "AFF MANUE BE CALVARIZED FROM STEEL."
- ALL TERMINATIONS AND CONNECTIONS SHALL BE IN JUNCTION BOXES, ALL CONNECTIONS SHALL BE MADE ON APPROVED TERMINAL STRIPS, ALL JUNCTION BOXES AND COVERS SHALL BE PARTIED RED. USE OF WHIS MUTS IS NOT ALLOHED.
- ALL PRICE ALARMA DEVACES BHALL BE PLUBH MOUNTED, WHERE PRILD CONDITIONS DICTATE DEVACES BE BURFACE MOUNTED, PRINNING CAST ALLAMINIAN DEVACE SCAES BHALL BE PROVIDED, BOXES BHALL BE RED IN
- PROVIDE AND INITIALL AN ENGRAYED PLASTIC HAMIPPLATE FOR EACH NEMOTE ALARM INDICATOR AND REACTE TEST STATION. EACH PLATE SHALL DESCRIBE DEVICE IN ALARM AND INCLIDE DEVICE BOORGES, EX. "ADDRESS", ELECTING CLOSET MAKING DETECTOR, ETC. REFER TO ARROCATED DETAIL ON DRAWING 6F4400.
- FIRE ALARM CONTROL PANELS SHALL REMAINLOCKED, UNDER NO CIRCUMSTANCES SHALL KEYS BE LEFT IN THE PANELS.
- ALL BOURPLENT SHALL BE MADE AVAILABLE FOR TEST AND PRIPECTION WHEN REQUIRED BY THE LONGMEADOW FIRE DEPLAYMENT.
- THE RESOURCE, CONTINUATION SHALL COMMETTE A CRITICATE CENTRY FROM THAT THE FORTISH HAS RECORD AND AND WARFACT LIGHTER RECOGNISHMAN THE CRITICATE SHALL BE SHORED RECORD AND WARFACT LIGHTER RECOGNISHMAN THE CRITICATE SHALL BE SHORED LANGUAGE AND THE RECOGNISHMAN THE CONTINUATION OF THE CRITICATE OF THE CRITICATION, TO LANGUAGE AND THE RECOGNISHMAN CONTINUATION AND THE CRITICATION OF THE CONTINUATION OF THE CRITICATION AND THE CRITICATION AN

### FIRE ALARM WIRING NOTES

1. FIRE ALARM SPANICH CIRCUITRY SHALL SE SHETALLED IN CONDUCT PROMITHE MAIN PERE ALARM PANEL TO ALL TRANSPONDER PAINTS.

2. FRE ALARM BRANCH CRICATRY MALL BE HISTALED IN CONDUST FROM THE TRANSPONDER PANEL TO THE FRIST DEVICE. FRE ALARM BRANCH CRICATRY MAY BE THOS MY CAMES WHERE CONCEALED ABOVE BUSINESSED CREMOS DOWNSTRAM OF THE FREST DEVICE ON THE CRICAT.

2. EXPOSED FIRE ALAMA BRANCH CIRCUSTRY BHALL BE HISTALESD IN CONDUIT IN UNI APPROVED PLACENAY (I.E. WINELIGLD) SI PHINNED REACES.

- A EXPOSED FINE ALARM MC CABLE 10 HOT ALLOWED.

### PROJECT INFORMATION

- BCOPE
- THE PROJECT WILL BE A COMPLETE INSTALLATION OF A COMPLETE NEW VOICE TYPE FIRE ALARM BYSTEM IN THE CENTER SCHOOL EDUCATIONAL SURDING LOCATED IN LONGMEADOW, MA
- BUILDING AND OCCUPANCY TYPES
- E SERICATIONAL WITH ASSEMBLY SPACES

# **TELECOMMUNICATIONS LEGEND**

√ DATA OUTLET

EN LOCAL BOUND PACK

### BRANCH CIRCUIT & FEEDER LEGEND

---- BRANCH CIRCUIT OR PIEDER, CONCEALED IN OR UNDER FLOOR SLAB

PLEXIBLE CONNECTION TO EQUIPMENT, RACEWAY AND CONDUCTOR RATING TO MATCH ARROCKITED BRANCH CIRCUIT OR PREDIER

### ABBREVIATIONS

| NAMP | AMPERE                              | KWH   | KILOWATT HOURS                    |
|------|-------------------------------------|-------|-----------------------------------|
| AC   | ALTERNATING CURRENT                 | LTG   | LIGHTING                          |
| ADA  | AMERICAN WITH DISABILITIES ACT      | MCB   | MAIN CIRCUIT BREAKER              |
| AF.  | AMPERE FRAME                        | MEC   | MASSACHUSETTS SLECTRICAL<br>CODE  |
| AFF  | ABOVE FINISHED FLOOR                | MO    | MOTOR/GENERATOR BET               |
| AFG  | ABOVE FINISHED GRADE                | MH    | MARKOLE                           |
| AIC  | AMPERE BITERRUPTING<br>CAPACITY     | MLO   | MARKEUGO ONLY                     |
| AL   | ALUMANAM                            | MTD   | MOUNTED                           |
| AT   | AMPERE TRIP                         | MTG   | MOUNTING                          |
| AT8  | AUTOMATIC TRANSFER SYNTCH           | NC    | NORMALLY CLOSED CONTACT           |
| AWO  | AMERICAN WIRE GALIGE                | HEC   | NATIONAL ELECTRICAL CODE          |
| B    | EURIED                              | NO    | NORMALLY OPEN CONTACT             |
| c    | CONDUIT                             | нта   | NOT TO SCALE                      |
| CA   | CABLE                               |       | HUMBER                            |
| CATV | CABLE TELEVISION                    | OPP   | OVER CURRENT PROTECTION<br>DEVICE |
| CCTV | CLOBED CIRCUIT TELEVISION<br>SYSTEM | POS   | PROVIDED UNDER OTHER<br>BECTIONS  |
| CB.  | CIRCUIT BREAKER                     | PVC   | POLYVINYL CHLORIDE                |
| CKT  | CIRCUITS                            | PWR   | POWER                             |
| CPU  | CENTRAL PROCESSING UNIT             | RGS   | RIGID GALVANIZED STEEL            |
| •    | CENTERLINE                          | FIX46 | ROOT MEAN SQUARE VALUE            |
| d8 . | DECIBEL.                            | RPM   | REVOLUTIONS PER MINUTE            |
| ĐÇ   | DIRECT CURRENT                      | 884   | SOLID NEUTRAL                     |
| DWG  | DRAWING                             | BWBD  | #WITCHBOARD                       |
| EC   | ELECTRICAL CONTRACTOR               | TB    | TERMINAL BLOCK                    |

ELECTRIC METALLIC TUBBRO TEL TELEPHONE TERMIN TERMINAL FLINT FLEXIBLE LIQUID TIGHT METALLIC TOP TWOTED SHELDED-PAIR TRANSIENT VOLTAGE BURGE SUPPRESSER

FREQUENCY GROUNDING ELECTRODE TYP TYPICAL GROUND FAULT INTERRUPTING UG UNDERGROUND HANDHOLF UPS

HORSEPOWER UTP HEATING, VENTILATING AND AIR V VOLTS VOLT-AMPERE VARIABLE BPEED DRIVE

ISCLATED GROUND

### **EXISTING EQUIPMENT LEGEND**

- EXISTING EQUIPMENT TO BE REMOVED
- NEW LOCATION OF EXISTING RELOCATED EQUIPMENT
- EXISTING EQUIPMENT TO BE REMOVED AND HEW EQUIPMENT TO BE NISTALLED ON EXISTING BRANCH/PEEDER

DISCONDENS OF STANDON, WITH LAMPSON AND IN PARKTISH LIBERT AND AND AN PARKTISH LIBERT AND AND ANATOCOME AND MALE COUNTY OF MALE COUNTY OF A THE SENTENCE OF THE ANAL STAND AND AND ANATOCOME ALL DOSITION OF A THE SENTENCE OF THE ANAL STAND AND ANAL STAND AND ANATOCOME AND ANAL STANDARD ANAL STANDARD AND ANAL STANDARD AND ANAL STANDARD AND ANAL STANDARD ANAL STANDARD AND AND ANAL STANDARD AND ANAL STANDARD AND ANAL STANDARD AND AND ANAL STANDARD AND ANAL STANDARD AND AND AND AND AND AND AND AND A

### FIRE ALARM LEGEND FACE FIRE ALARM CONTROL PANEL

FIRE ALARM ANKINCIATOR PAHEL WITH PAGING HANDSE

BATT FRE ALARM SYSTEM SATTERY PACK & SATTERY CHARGES

CEILING MOUNTED FIRE ALARM VISUAL DEVICE "A" INDICATES MOUNTED TO SOTTOM OF SEAM

DUCT MOUNTED CARBON MONOXIDE DETECTO

FIRE ALARM MANUAL PULL STATION WITH STOPPER COVER "WO" MOICATES WITE GUARD "WP" MIDICATES WEATHERPROOF WATERPROOF

FRE ALAM AUDILE AND VISUAL DEVICE(SPEA/SPASTROBE), NUMERAL NDICATES CANDELA VALUE
"WO'R INDICATES WHE GUADO"
"WIF ROCKITES WHE GUADO"
"WIF ROCKITES WEATHER PROCOPHIATESPROOF
CERMING MOUTHES FRE ALAM AUDILE AND VISUAL DEVICE (SPEA/SPASTROSE), NUMERAL NDICATES CANDELA VALUE
"A" ROCKITES NUCLYTED TO SOUTTOM OF SEALM

FIRE ALARM SMOKE DETECTOR, PHOTO ELECTRIC UNLESS NOTIED

PINE ALARM HEAT DETECTOR, 186° FDED TEMPERATURE UNLESS NOTED OTHERWISE
"HER WINDLATES RATE OF RISE
"MP" INDICATES WEATHERPROOF SHALLOW HORIZONTAL TYPE

OTHERWISE
"SE" INDICATES ELEVATOR RECALL
"SE" INDICATES SELF-CONTAINED, SINGLE STATION TYPE

POWER DISTRIBUTION

**CEILING CONSTRUCTION LEGEND** 

FRE ALARM BYSTEM POWER SUPPLY BOOSTER PANEL

FIRE ALARM RED ROTATING BEACON, EXTERIOR MOUNTED, WEAT

[FATC] FERF ALARM TERMINAL CARACT

CELLULAR MASTER BOX

FIRE ALARM BELL

FIRE ALARM SPEAKER/STROBE

FIRE ALARM HORN/STROBE

DUCT MOUNTED SMOKE DETECTOR

CARBON MONOXIDE DETECTOR

MAGNETIC DOOR HOLDER

KEY BOX

IBOLATION MODULE

REMOTE ALARM INDICATOR

ZONE MONITORING MODULE

CARBON MONOXOE SENSOR

JUNCTION BOX

GYP GYPSUM BOARD CELLING

ACT ACQUETICAL CERLING TILE

EMERGENCY ALARM PUSHBUTTON

200Y/120 VOLT PANELBOARD, RECESSED MOUNTED

REMOTE TEST STATION

SECURITY SYSTEM INTERFACE

FAFS

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RTS:

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REVISIONS

A DATE CHK DESCRIPTION

SEAL

PROJECT TO THE

LONGMEADOW CENTER SCHOOL FIRE ALARM REPLACEMENT

DRAWING \_\_\_\_

CHECKED BY-

NO SCALE

ISSUE FOR BID

ELECTRICAL FIRE ALARM LEGEND, NOTES & SEQUENCE OF OPERATIONS MATRIX

**EF0.00** 



1. REFER TO DRAWING EF0.00 FOR LEGEND, SYMBOLS AND GENERAL NOTES.

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**REVISIONS** A DATE CHK DESCRIPTION

PROJECT

NUMBER— 20190266

DATE------05/24/19

LONGMEADOW CENTER SCHOOL FIRE ALARM REPLACEMENT

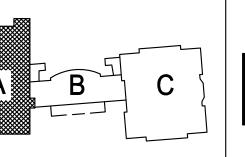
**DRAWING** 

SCALE 1/8" = 1'-0"

ELECTRICAL

FIRE ALARM ISSUE FOR BID A WING LOWER LEVEL

DEMOLITION PLAN



07-03-19

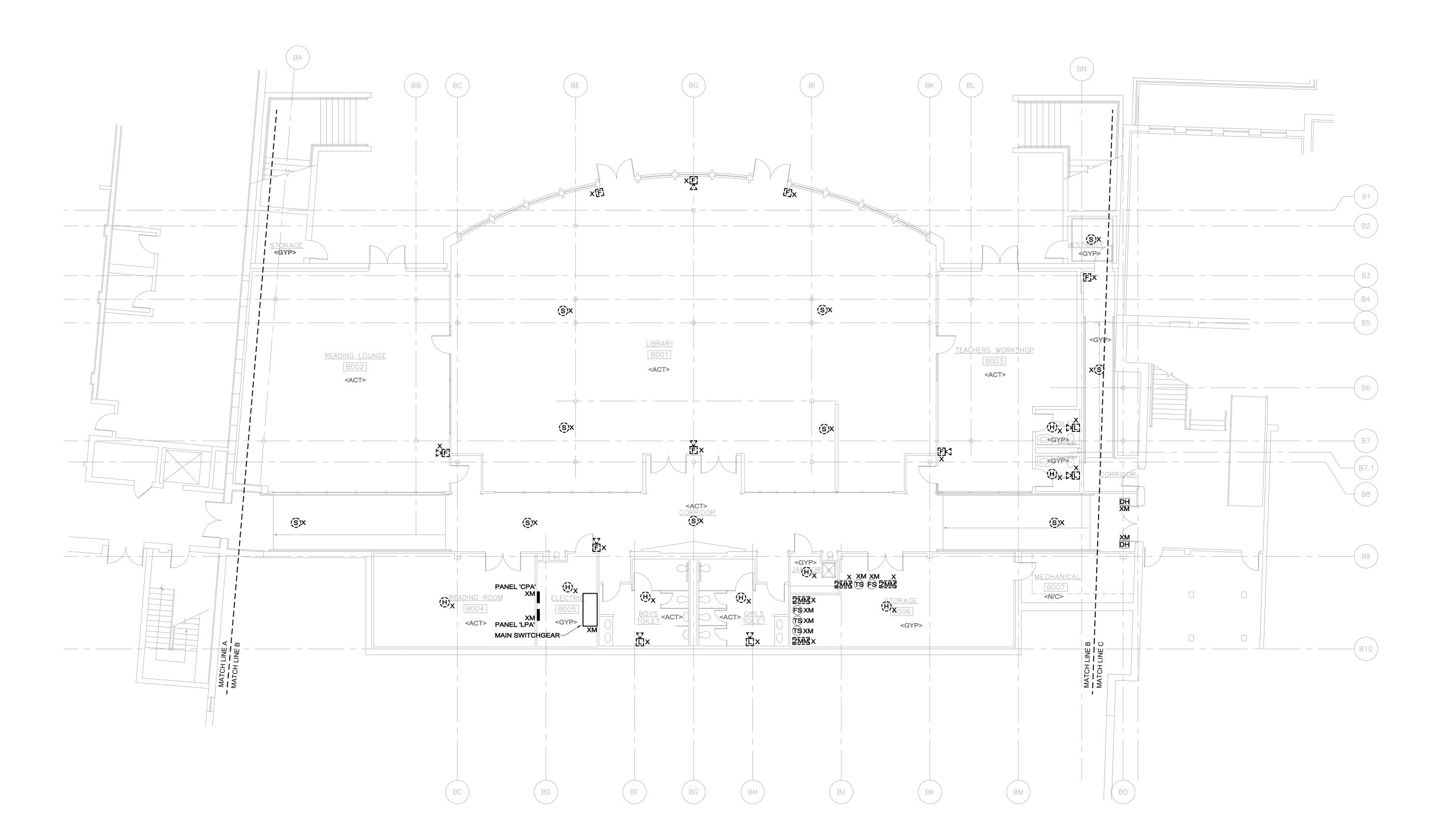
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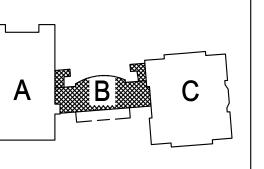
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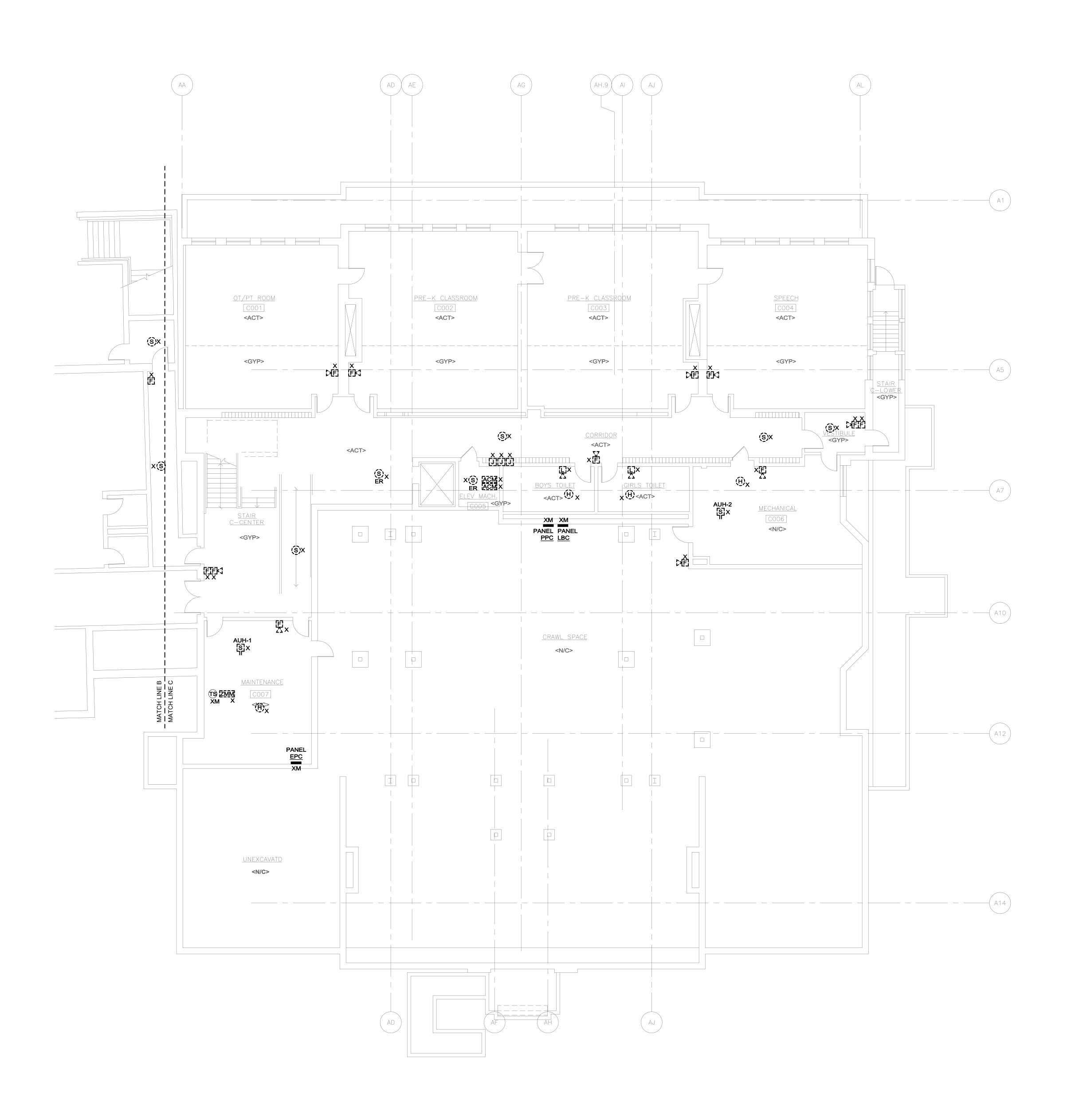
SCALE 1/8" = 1'-0"

ELECTRICAL FIRE ALARM ISSUE FOR BID B WING LOWER LEVEL

DEMOLITION PLAN

PROJECT





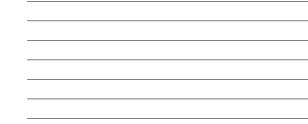
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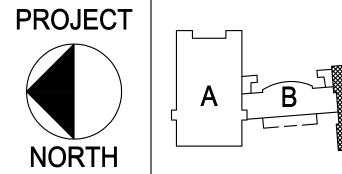
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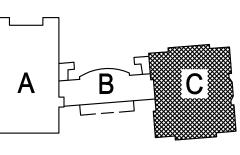
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ELECTRICAL

FIRE ALARM ISSUE FOR BID C WING

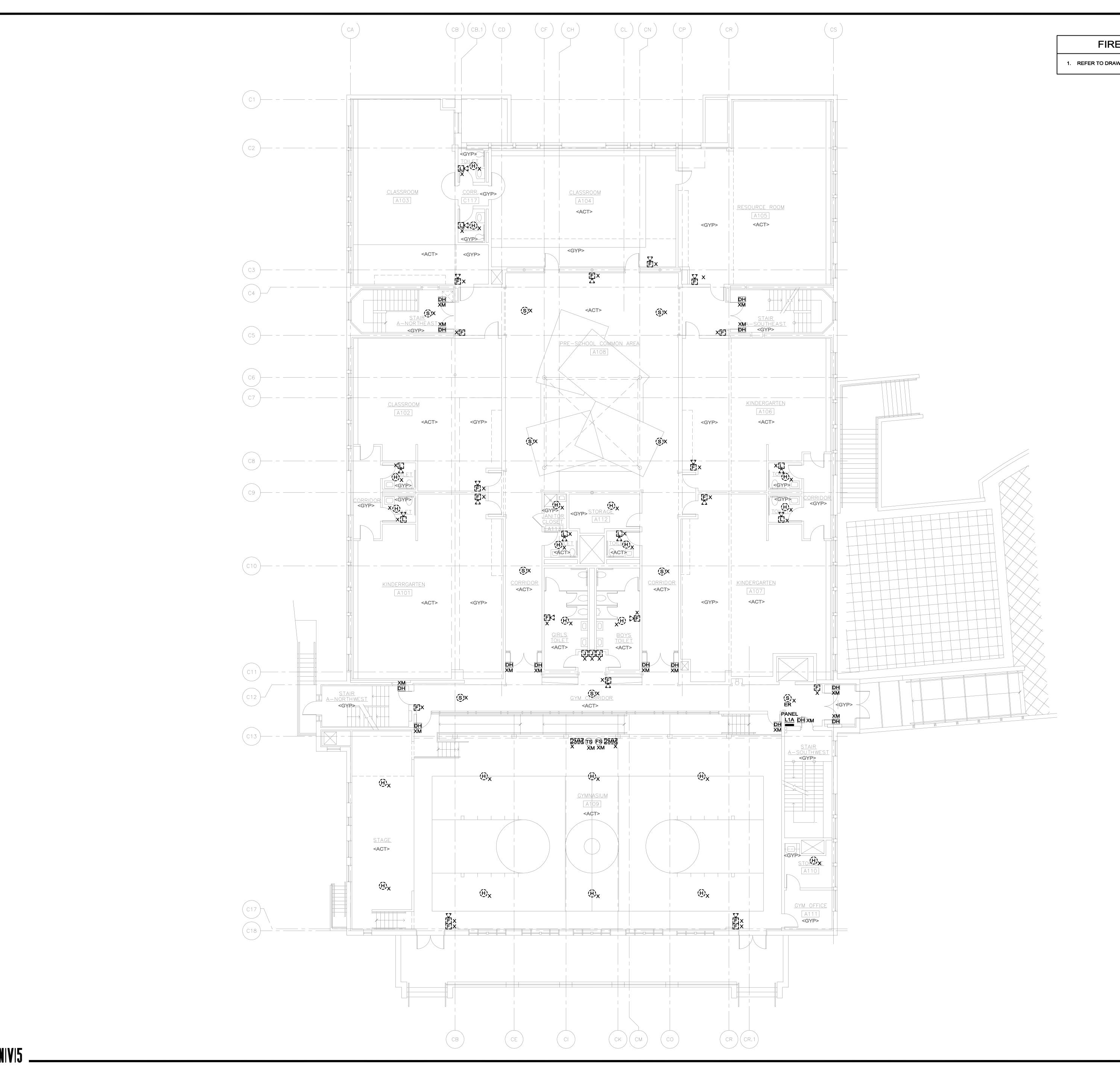
LOWER LEVEL DEMOLITION PLAN





07-03-19

EFD2.02



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A DATE CHK DESCRIPTION

PROJECT

NUMBER— 20190266

DATE——— 05/24/19

LONGMEADOW CENTER SCHOOL FIRE ALARM REPLACEMENT

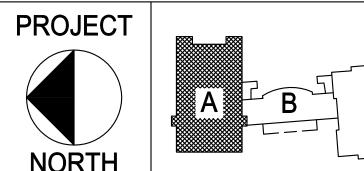
**D**RAWING

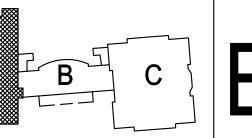
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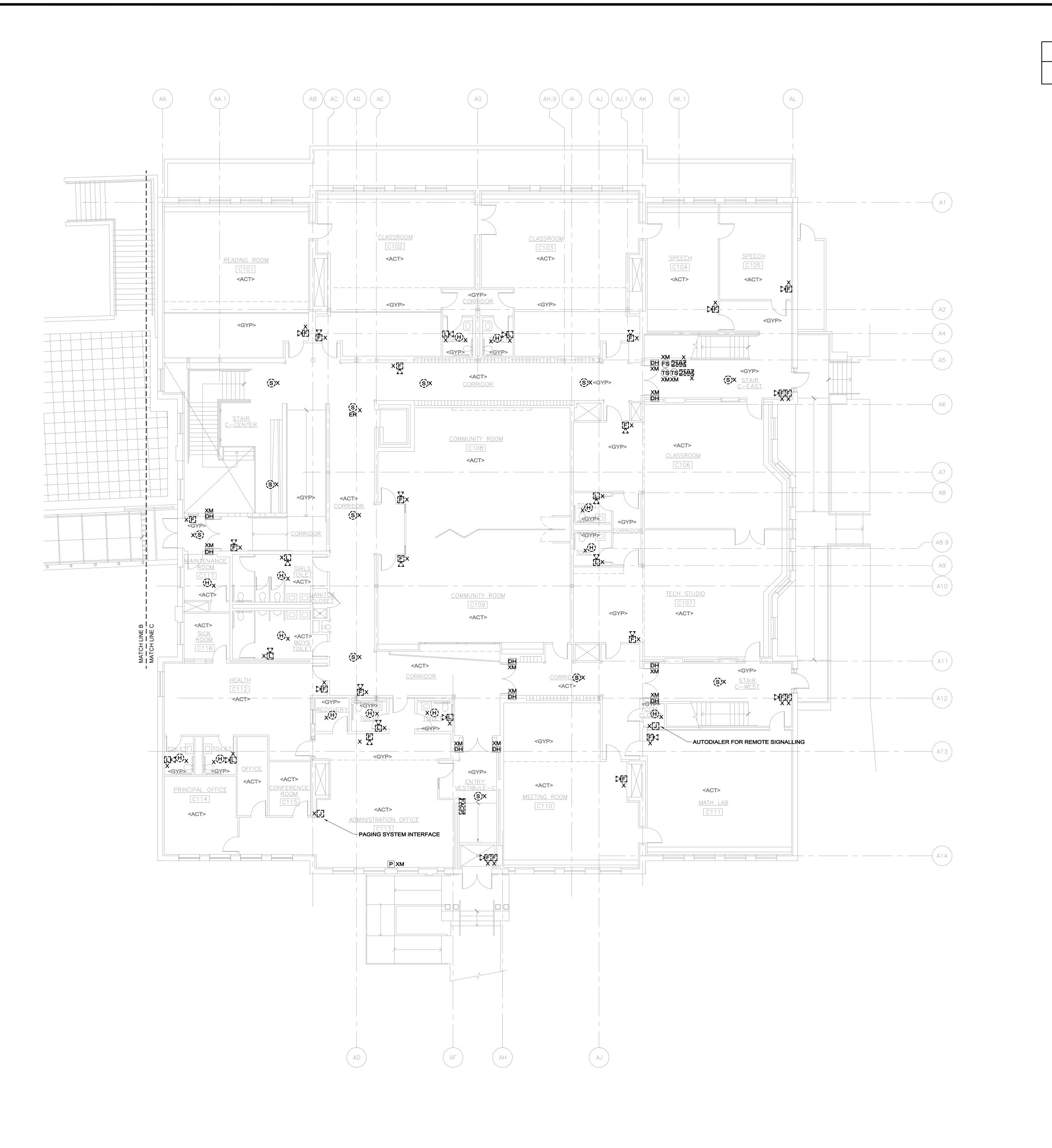
ELECTRICAL

FIRE ALARM ISSUE FOR BID A WING MAIN LEVEL

DEMOLITION PLAN







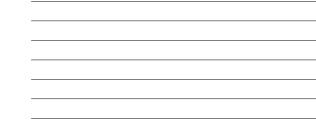
1. REFER TO DRAWING EF0.00 FOR LEGEND, SYMBOLS AND GENERAL NOTES.

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REVISIONS ▲ DATE CHK DESCRIPTION



PROJECT

20190266

DATE------05/24/19

LONGMEADOW CENTER SCHOOL FIRE ALARM REPLACEMENT

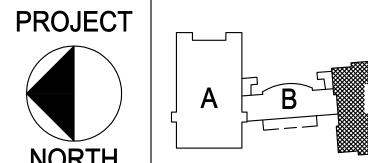
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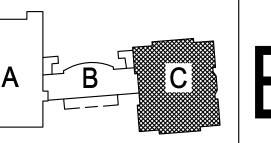
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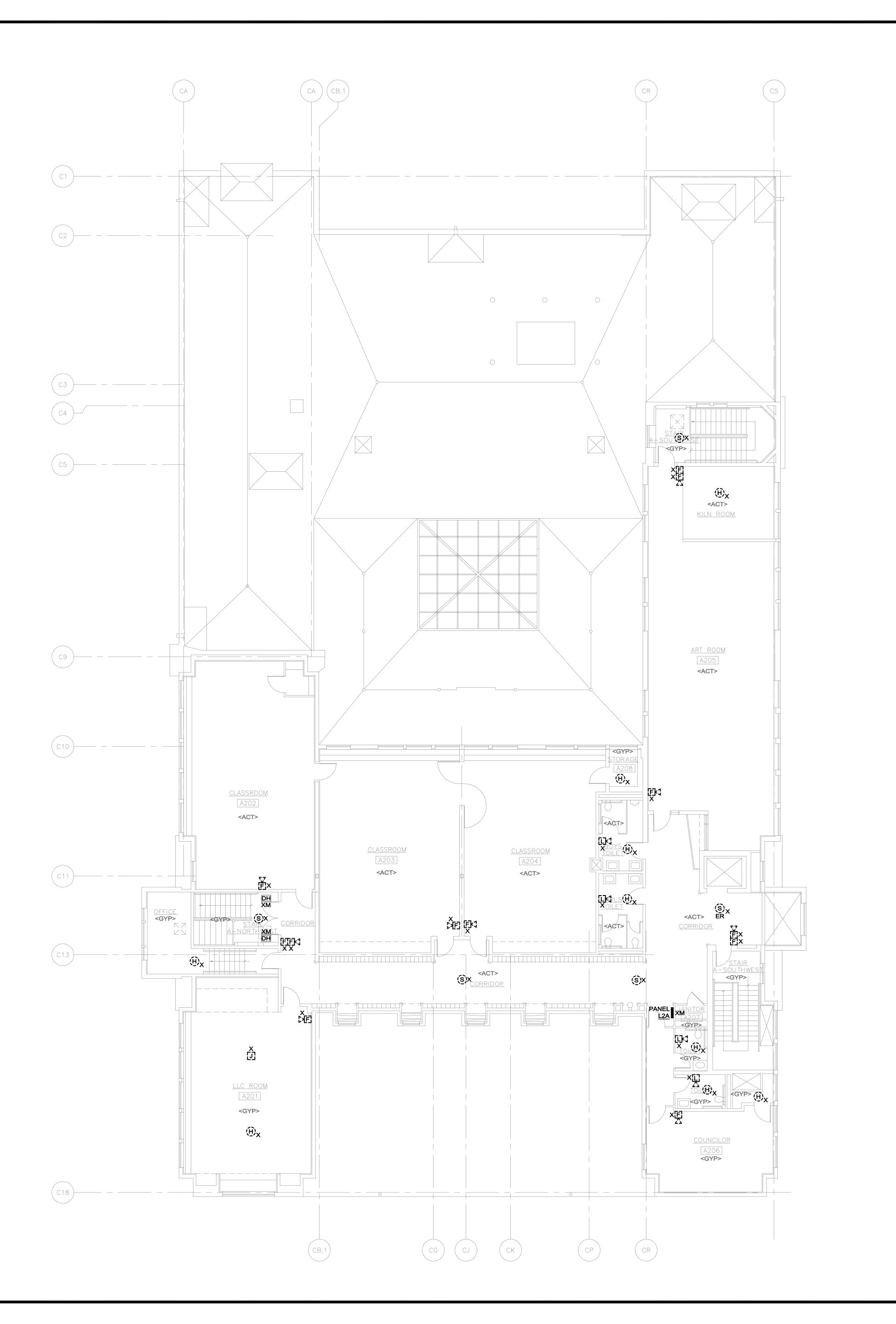
ELECTRICAL

FIRE ALARM ISSUE FOR BID C WING MAIN LEVEL

DEMOLITION PLAN







1. REFER TO DRAWING EF0.00 FOR LEGEND, SYMBOLS AND GENERAL NOTES.

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REVISIONS

DATE CHK DESCRIPTION

SEAI

PROJECT

NUMBER——

LONGMEADOW
CENTER SCHOOL
FIRE ALARM
REPLACEMENT

**DRAWING** 

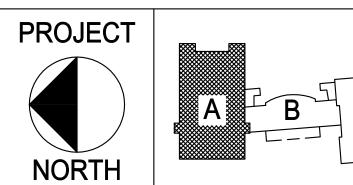
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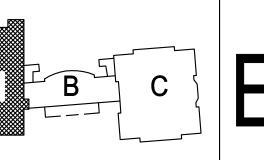
CHECKED BY

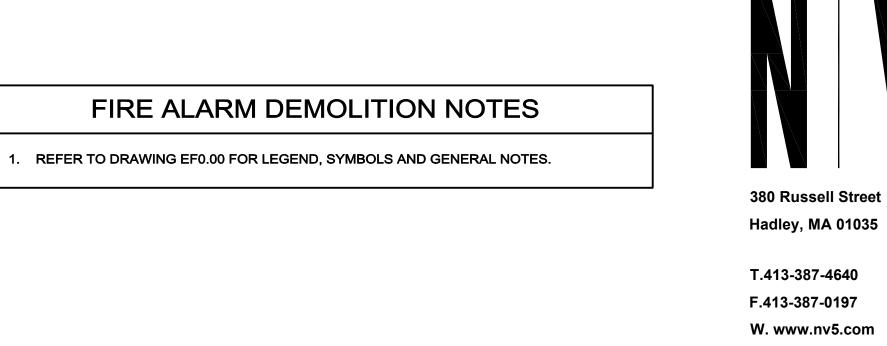
KEG

ISSUE FOR BID A WING 07-03-19 FIRE ALA A WING UPPER L

ELECTRICAL
FIRE ALARM
A WING
UPPER LEVEL
DEMOLITION PLAN







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PROJECT

DATE------05/24/19

LONGMEADOW CENTER SCHOOL FIRE ALARM REPLACEMENT

**DRAWING** 

SCALE 1/8" = 1'-0"

ELECTRICAL

FIRE ALARM ISSUE FOR BID CWING UPPER LEVEL

DEMOLITION PLAN

PROJECT

