



T M P ARCHITECTURE I N C  
 1191 WEST SQUARE LAKE ROAD · BLOOMFIELD HILLS · MICHIGAN · 48302  
 PH · 248.338.4561 FX · 248.338.0223 EM · INFO@TMP-ARCHITECTURE.COM

# HILL ELEMENTARY SCHOOL WINDOW REPLACEMENT

## TROY SCHOOL DISTRICT - TROY, MICHIGAN

2013 BOND PROGRAM - BID PACKAGE NO.33  
 PROJECT NUMBER: 13161B  
 BIDS

**LIST OF DRAWINGS**

**GENERAL INFORMATION**

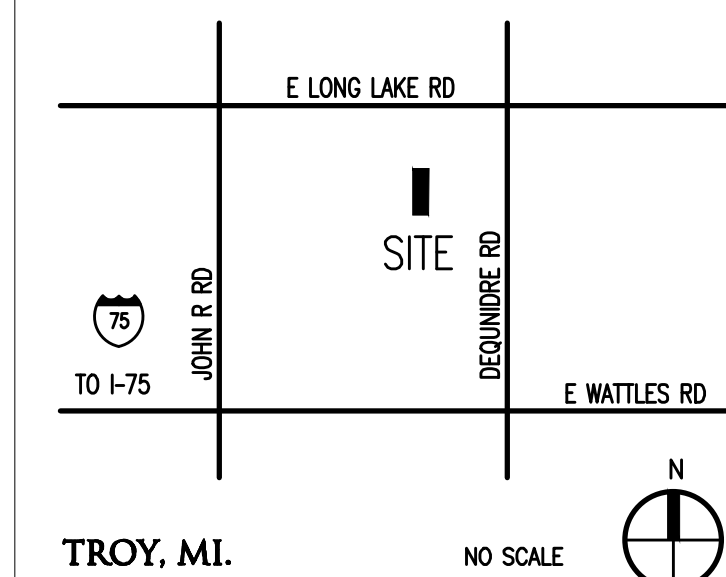
- TS.1 COVER SHEET
- TG.1 GENERAL INFORMATION

**ARCHITECTURAL**

- AC.1 FIRST LEVEL COMPOSITE PLAN
- AD.1 DOOR & FRAME SCHEDULE
- AD.2 DOOR & FRAME DETAILS
- AD.1A FIRST LEVEL DEMOLITION PLAN- ZONE A
- AD.1B FIRST LEVEL DEMOLITION PLAN- ZONE B
- AD.1C FIRST LEVEL DEMOLITION PLAN- ZONE C
- A1.1A FIRST LEVEL FLOOR PLAN- ZONE A
- A1.1B FIRST LEVEL FLOOR PLAN- ZONE B
- A1.1C FIRST LEVEL FLOOR PLAN- ZONE C

**PROJECT DATA:**

**LOCATION MAP**



TROY, MI.

ADDRESS: HILL ELEMENTARY SCHOOL  
 4600 FORSYTH  
 TROY, MI 48064

**BUILDING:**

BUILDING AREA(S) = 64,470 SQ. FT. (EXISTING)

**CODE:**

- GOVERNING CODES:**
- 2016 SCHOOL FIRE SAFETY RULES (2012 Life Safety Code, plus amendments)
  - 2015 MICHIGAN BUILDING CODE
  - 2015 MICHIGAN PLUMBING CODE
  - 2015 MICHIGAN MECHANICAL CODE
  - 2008 MICHIGAN UNIFORM ENERGY CODE (ANSI/ASHRAE/IESNA Standard 90.1-2013)
  - 2017 MICHIGAN ELECTRICAL RULES (2017 NEC, plus Part 8 Rules) (ASME A17.1-2010, ASME A18.1-2011)
  - MICHIGAN BARRIER FREE CODE (Michigan Building Code 2015 and ICC A117.1-2009)
  - 2015 MICHIGAN ELEVATOR RULES (ASME Boiler and Pressure Vessel Code, 2010 edition, plus 2011a addenda)
  - (National Board Inspection Code [NBIC], 2011 edition)
- CONSTRUCTION CLASSIFICATION: II-B(MBC)/11(000)NFPA  
 USE GROUP CLASSIFICATION: E-EDUCATION

DATE ISSUED FOR:  
 11-1-2021 CONSTRUCTION DOCUMENTS

**LICENSEE'S STATEMENT:**

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**REGISTRATION SEALS**

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**PROJECT TITLE**  
 Hill Elementary School Window Replacement  
**PROJECT NO.**  
 13161B  
**DRAWING NO.**  
 TS.1





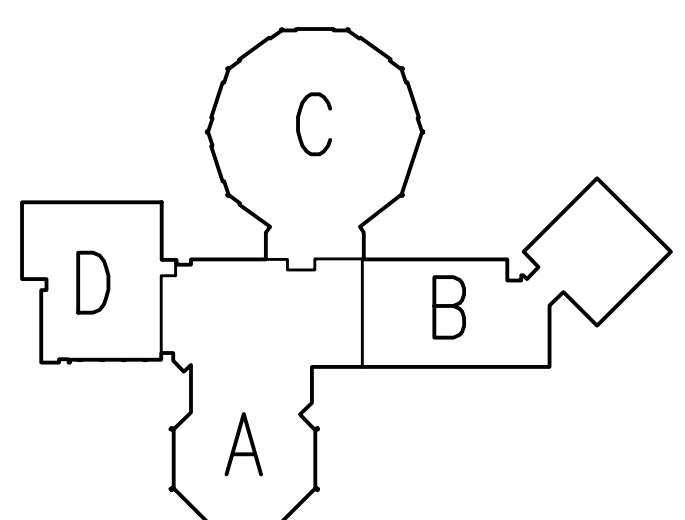
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Hill Elementary School Window Replacement Bid Package No.33**

Troy School District  
 Troy, Michigan

DRAWING TITLE  
**Door & Frame Details**



ISSUE DATES

11-01-2021 CONSTRUCTION DOCUMENTS

DATE ISSUED FOR:

DRAWN BG

CHECKED JW

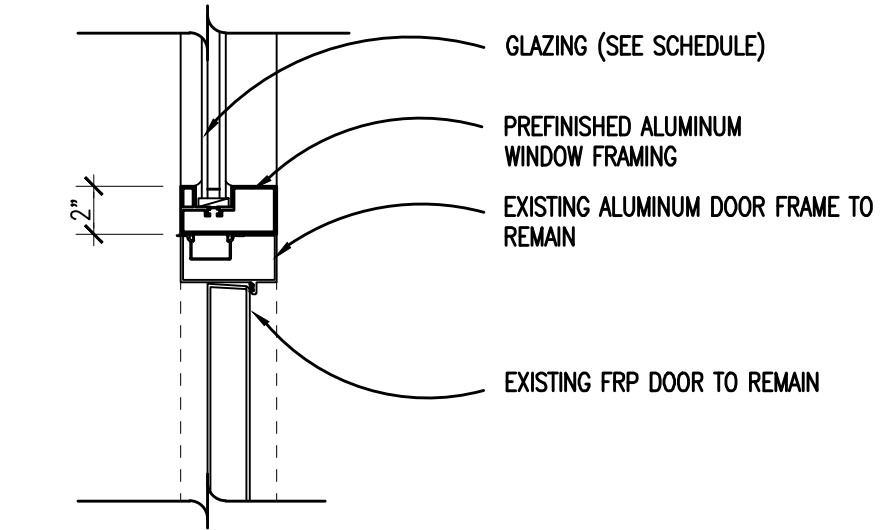
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PROJECT NO.

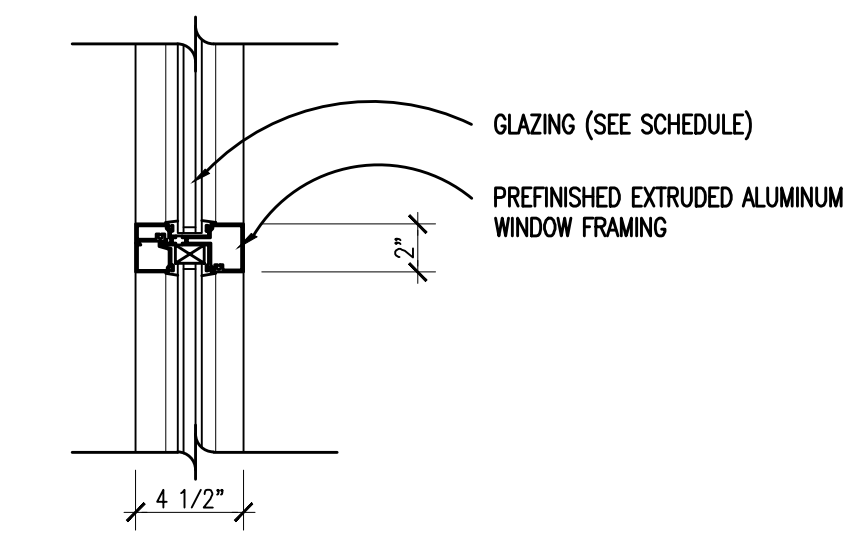
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DRAWING NO.

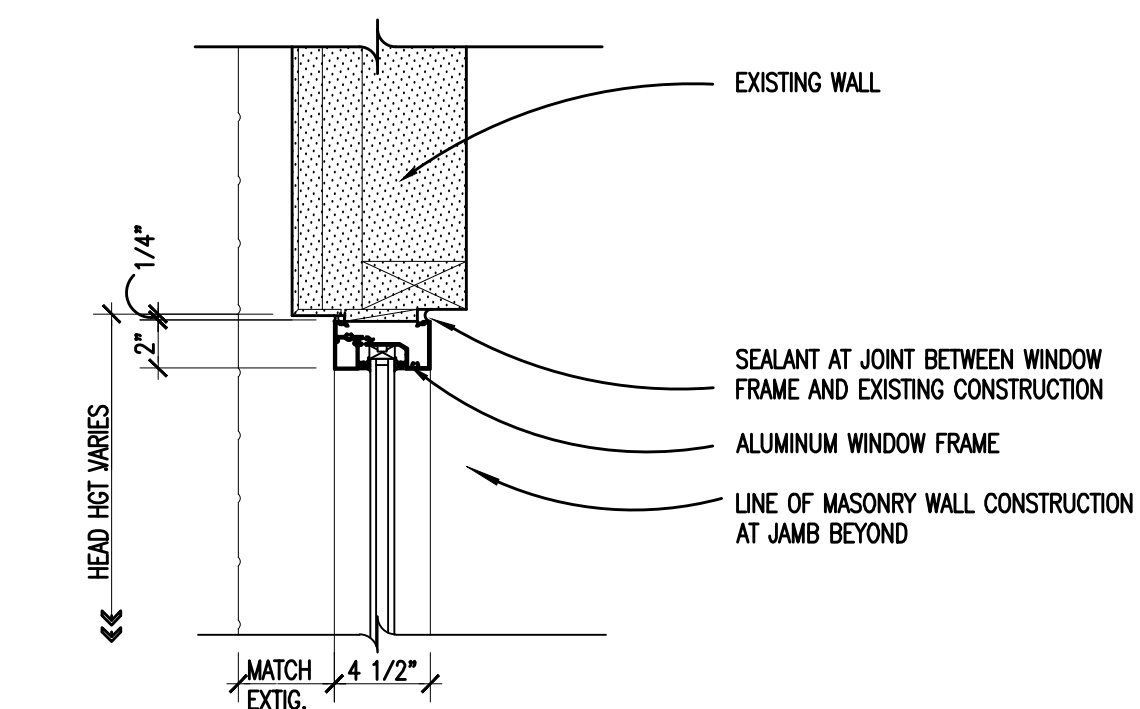
**AD.2**



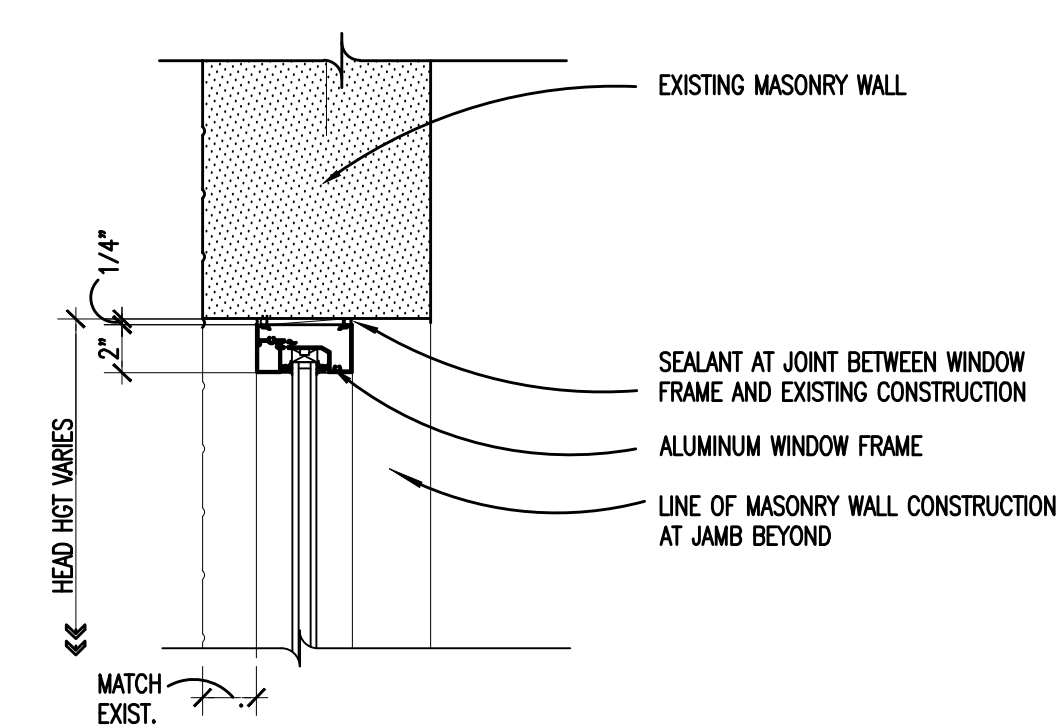
**5** ALUMINUM WINDOW/DOOR FRAME JAMB  
 AD.1 SCALE: 1 1/2" = 1'-0"



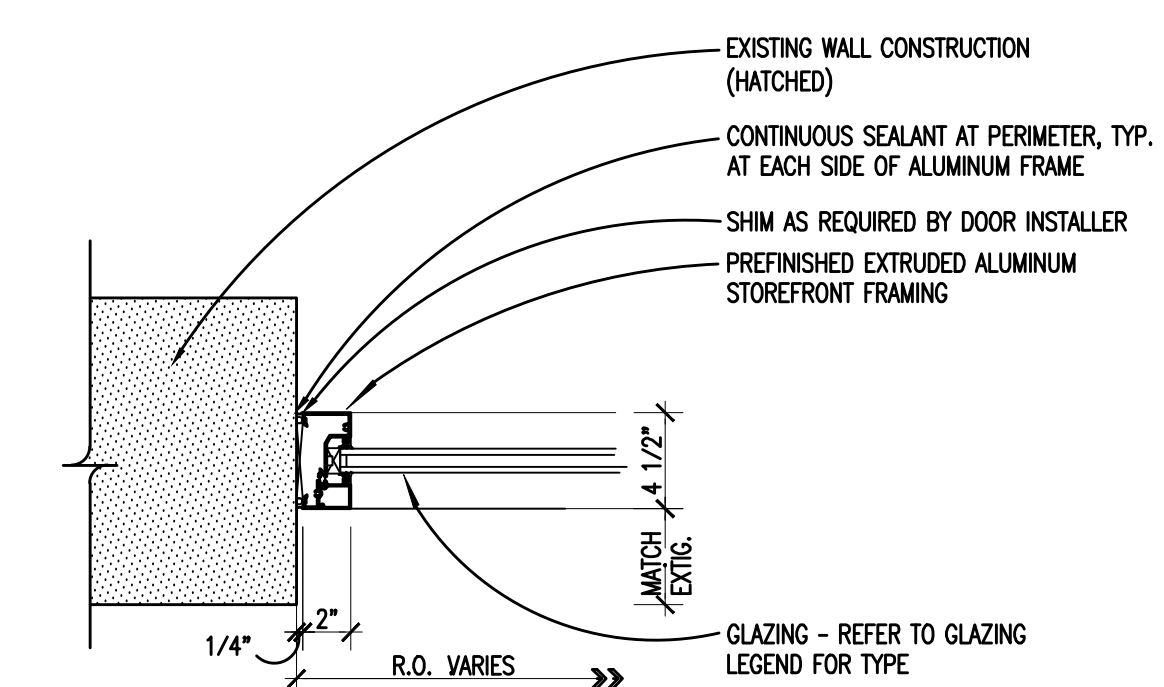
**4** ALUMINUM WINDOW FRAME JAMB  
 AD.1 SCALE: 1 1/2" = 1'-0"



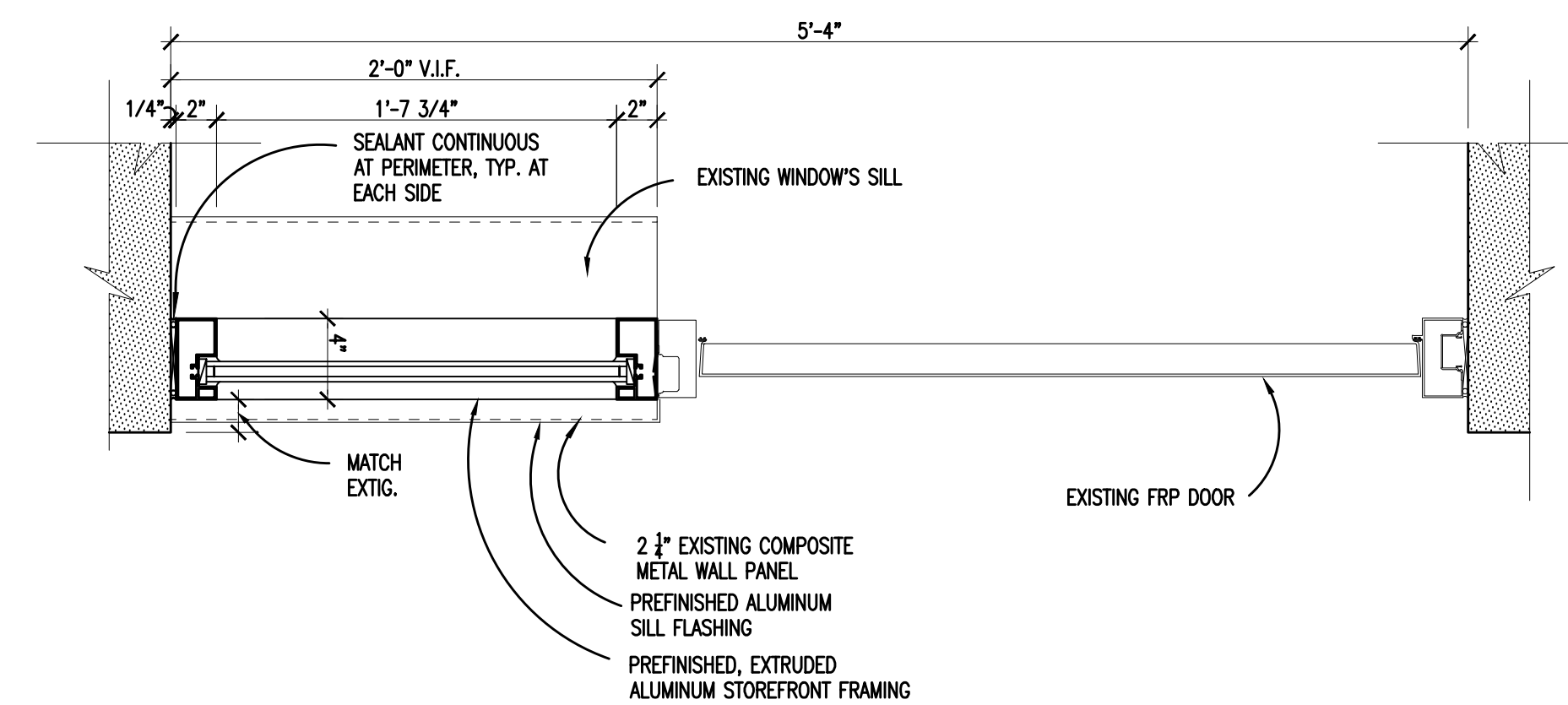
**3** ALUMINUM WINDOW HEAD  
 AD.1 SCALE: 1 1/2" = 1'-0"



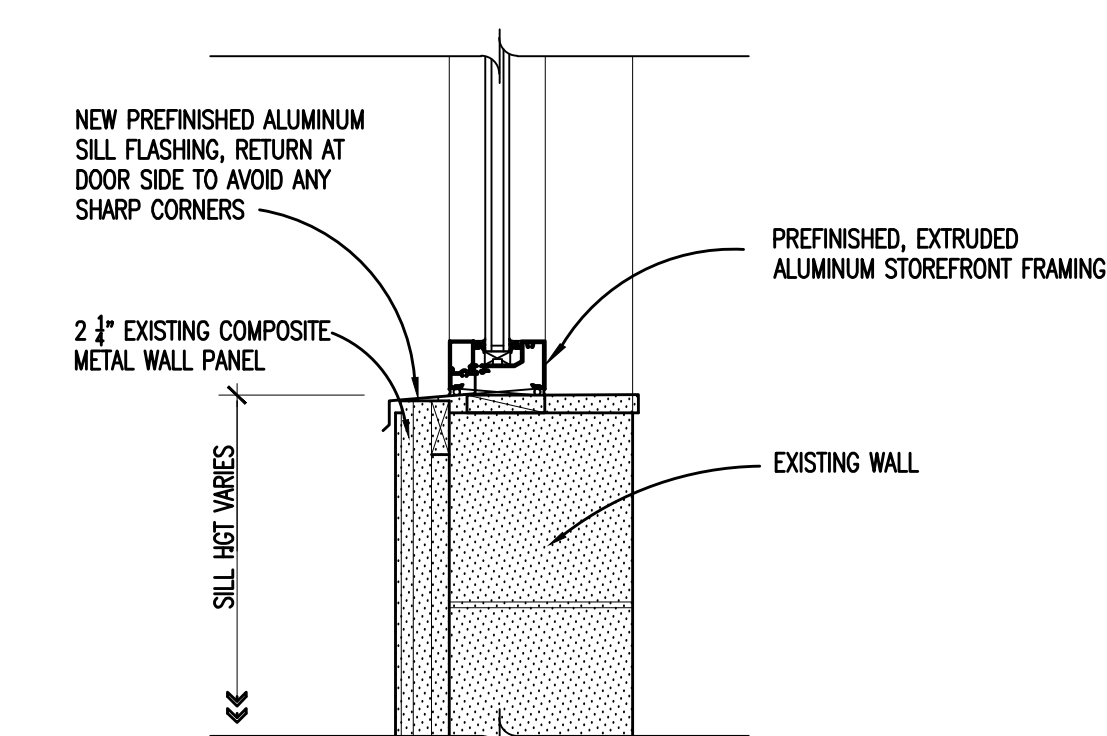
**7** ALUMINUM WINDOW HEAD AT THE MASONRY WALL  
 AD.1 SCALE: 1 1/2" = 1'-0"



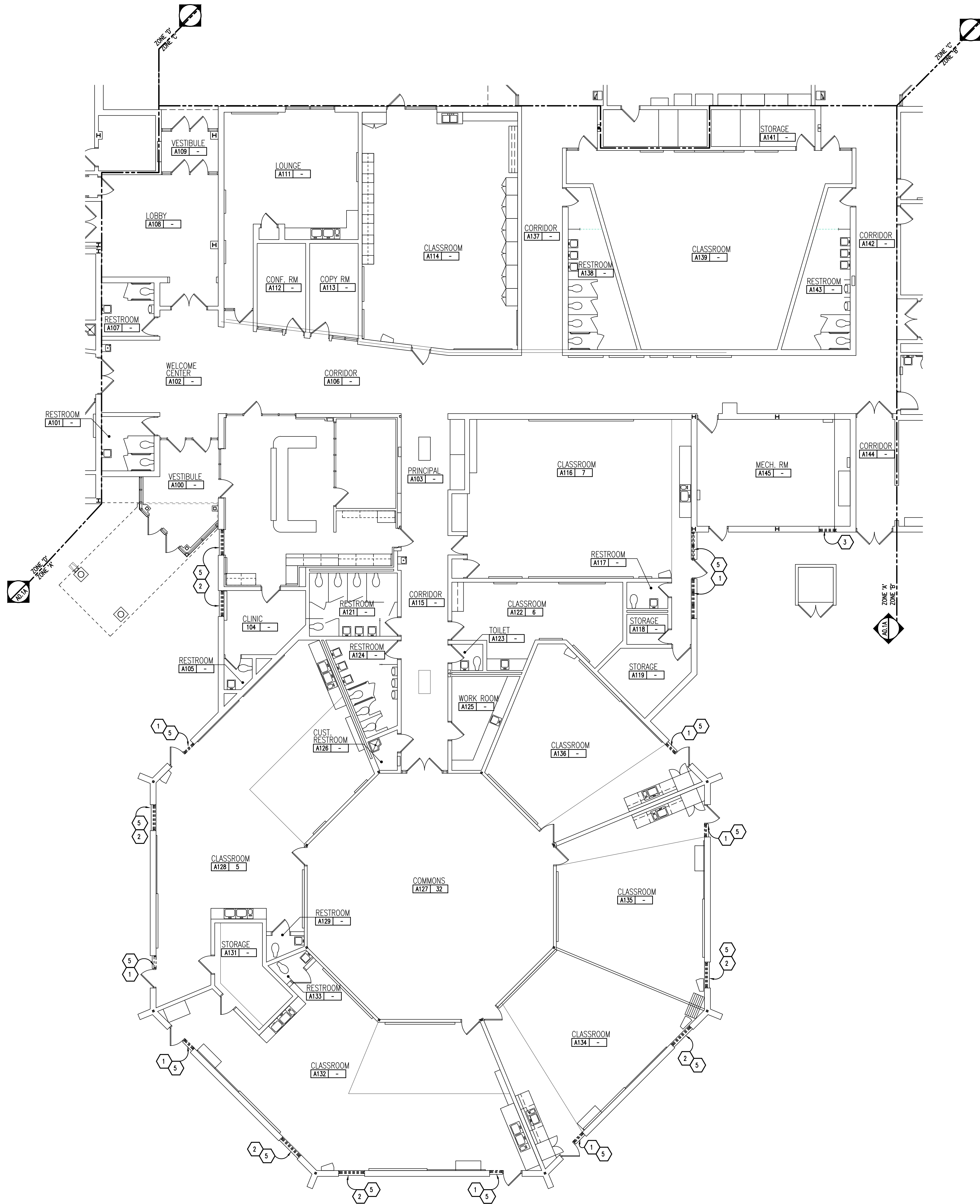
**2** ALUMINUM FRAME AT WINDOW JAMB  
 AD.1 SCALE: 1 1/2" = 1'-0"



**6** ALUMINUM WINDOW/DOOR JAMB DETAIL  
 AD.1 SCALE: 1 1/2" = 1'-0"



**1** ALUMINUM WINDOW FRAME SILL  
 AD.1 SCALE: 1 1/2" = 1'-0"



<b>GENERAL NOTES</b>
<ol style="list-style-type: none"> <li>1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.</li> <li>2. REFER TO ARCHITECTURAL PLANS A1.1X FOR ADDITIONAL PATCHING/REPAIR AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.</li> <li>3. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING, WHEREVER INFILL REMAINS EXPOSED.</li> <li>4. SEE SPECIFICATION SECTIONS FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.</li> <li>5. SEE DOOR SCHEDULE A.D.X FOR ADDITIONAL REMARKS.</li> </ol>
<b>DEMOLITION KEYNOTES</b>
<ol style="list-style-type: none"> <li>1 REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, &amp; ALUMINUM SILL. PROTECT THE ADJACENT DOOR, DOOR FRAME, AND METAL PANELS, ABOVE &amp; BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.</li> <li>2 REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, &amp; ALUMINUM SILL. PROTECT THE ADJACENT METAL PANELS, ABOVE &amp; BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.</li> <li>3 REMOVE WINDOW, INCLUDING WOOD FRAMING, &amp; GLAZING. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.</li> <li>3A REMOVE WINDOW, INCLUDING FRAMING, SILLS, &amp; GLAZING BY ASBESTOS CONTRACTOR. PROTECT ADJACENT SURFACES.</li> <li>5 REMOVE CURTAIN TRACK/CURTAIN AND/OR VERTICAL BLINDS. FILL, PATCH, REPAIR AND FINISH TO MATCH EXISTING.</li> <li>6 REMOVE MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL NOTES AND DETAILS. PATCH, REPAIR AND/OR FILL EXPOSED ADJACENT SURFACES TO MATCH EXISTING (U.O.N.).</li> </ol>
<b>SALVAGED ITEMS</b>
DOOR KEY CORES

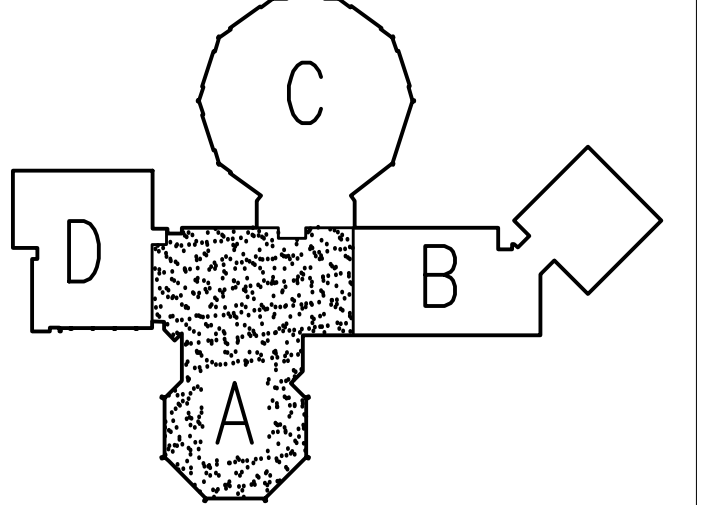
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Hill Elementary School Window Replacement Bid Package No.33**

Troy School District  
 Troy, Michigan

DRAWING TITLE  
**Demolition Plan - Zone 'A'**



**ISSUE DATES**

DATE	ISSUED FOR:
11-01-2021	CONSTRUCTION DOCUMENTS
DATE	ISSUED FOR:
DRAWN	BG
CHECKED	JW
APPROVED	JJC

PROJECT NO.  
**13161B**

DRAWING NO.  
**A0.1A**

**FLOOR PLAN - ZONE 'A'**  
 SCALE: 1/8" = 1'-0"

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GENERAL NOTES

1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
2. REFER TO ARCHITECTURAL PLANS A1.1X FOR ADDITIONAL PATCHING/REPAIR AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.
3. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING, WHEREVER INFILL REMAINS EXPOSED.
4. SEE SPECIFICATION SECTIONS FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
5. SEE DOOR SCHEDULE A.D.X FOR ADDITIONAL REMARKS.

DEMOLITION KEYNOTES

- (1) REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, & ALUMINUM SILL. PROTECT THE ADJACENT DOOR, DOOR FRAME, AND METAL PANELS, ABOVE & BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- (2) REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, & ALUMINUM SILL. PROTECT THE ADJACENT METAL PANELS, ABOVE & BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- (3) REMOVE WINDOW, INCLUDING WOOD FRAMING, & GLAZING. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- (3A) REMOVE WINDOW, INCLUDING FRAMING, SILLS, & GLAZING BY ASBESTOS CONTRACTOR. PROTECT ADJACENT SURFACES.
- (5) REMOVE CURTAIN TRACK/CURTAIN AND/OR VERTICAL BLINDS. FILL, PATCH, REPAIR AND FINISH TO MATCH EXISTING.
- (6) REMOVE MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL NOTES AND DETAILS. PATCH, REPAIR AND/OR FILL EXPOSED ADJACENT SURFACES TO MATCH EXISTING (U.O.N.).

SALVAGED ITEMS

DOOR KEY CORES



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REGISTRATION SEAL

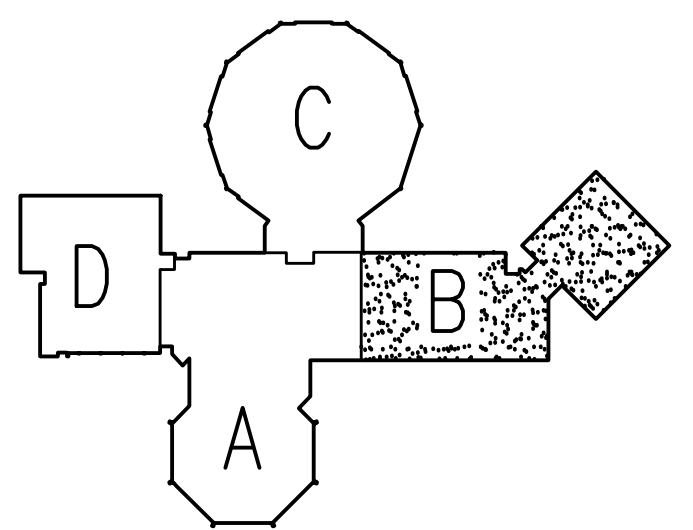
CONSULTANT

PROJECT TITLE

**Hill Elementary School  
 Window Replacement  
 Bid Package No.33**

**Troy School District  
 Troy, Michigan**

DRAWING TITLE  
**Demolition Plan -  
 Zone 'B'**



ISSUE DATES

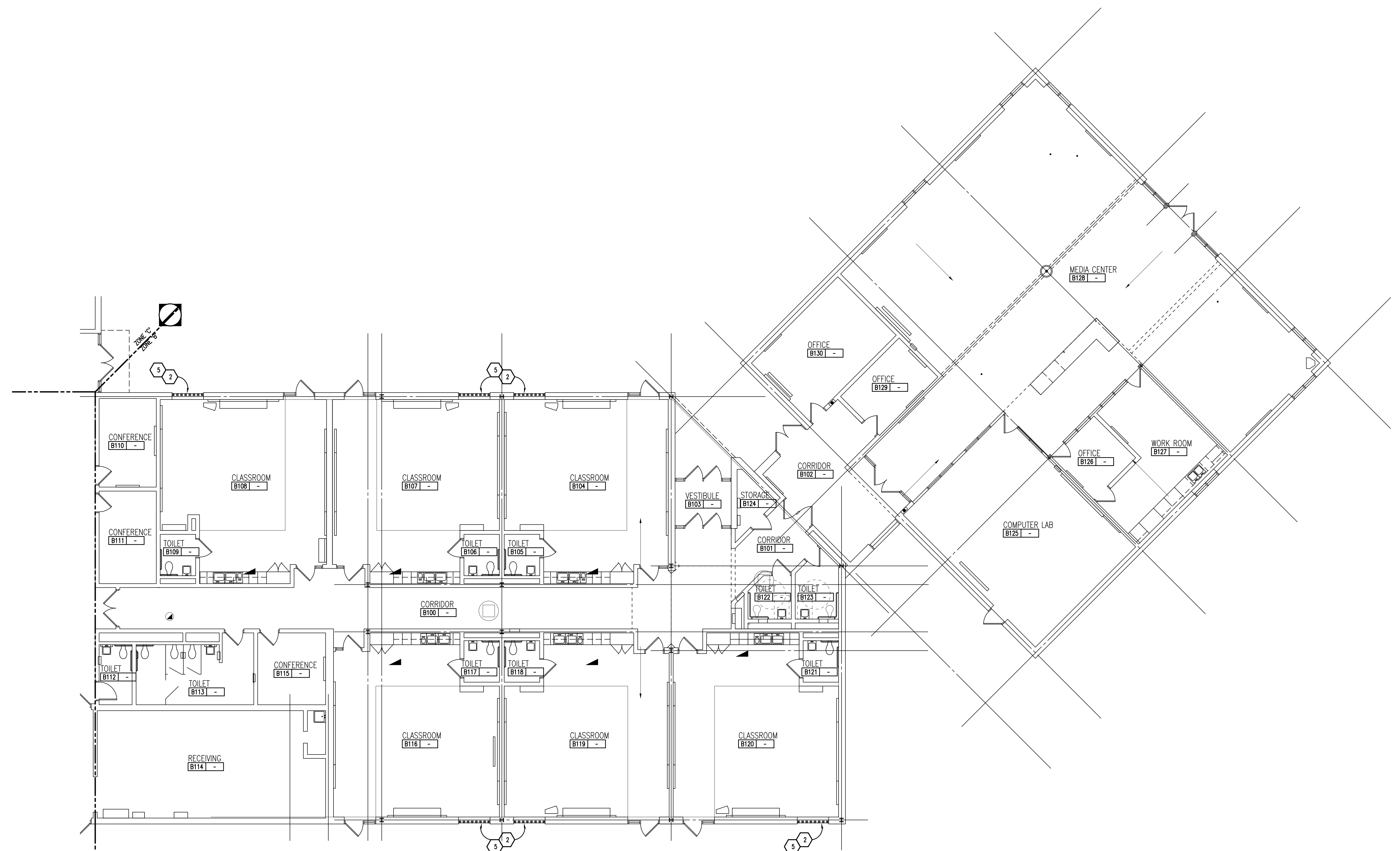

11-01-2021	CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:
DRAWN	BG
CHECKED	JW
APPROVED	JJC

PROJECT NO.

**13161B**

DRAWING NO.

**A0.1B**



FLOOR PLAN - ZONE 'B'  
 SCALE: 1/8" = 1'-0"

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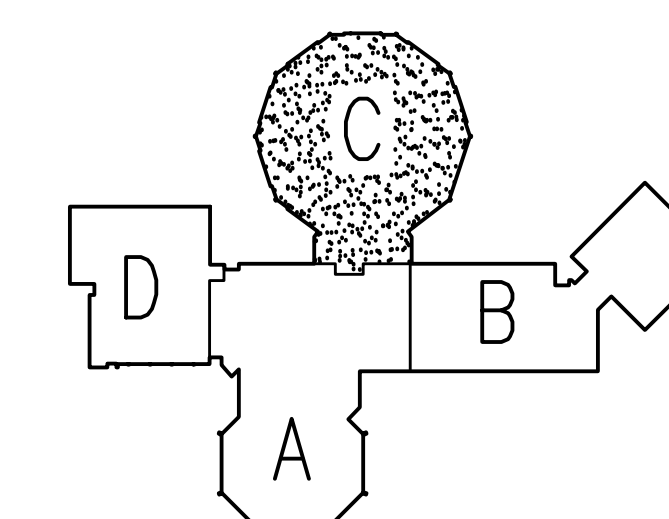
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Hill Elementary  
School  
Window Replacement  
Bid Package No.33**

Troy School District  
Troy, Michigan

DRAWING TITLE  
**Demolition Plan -  
Zone 'C'**



ISSUE DATES

DATE	ISSUED FOR:
11-01-2021	CONSTRUCTION DOCUMENTS

PROJECT NO.

**13161B**

DRAWING NO.

**A0.1C**

GENERAL NOTES

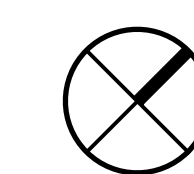
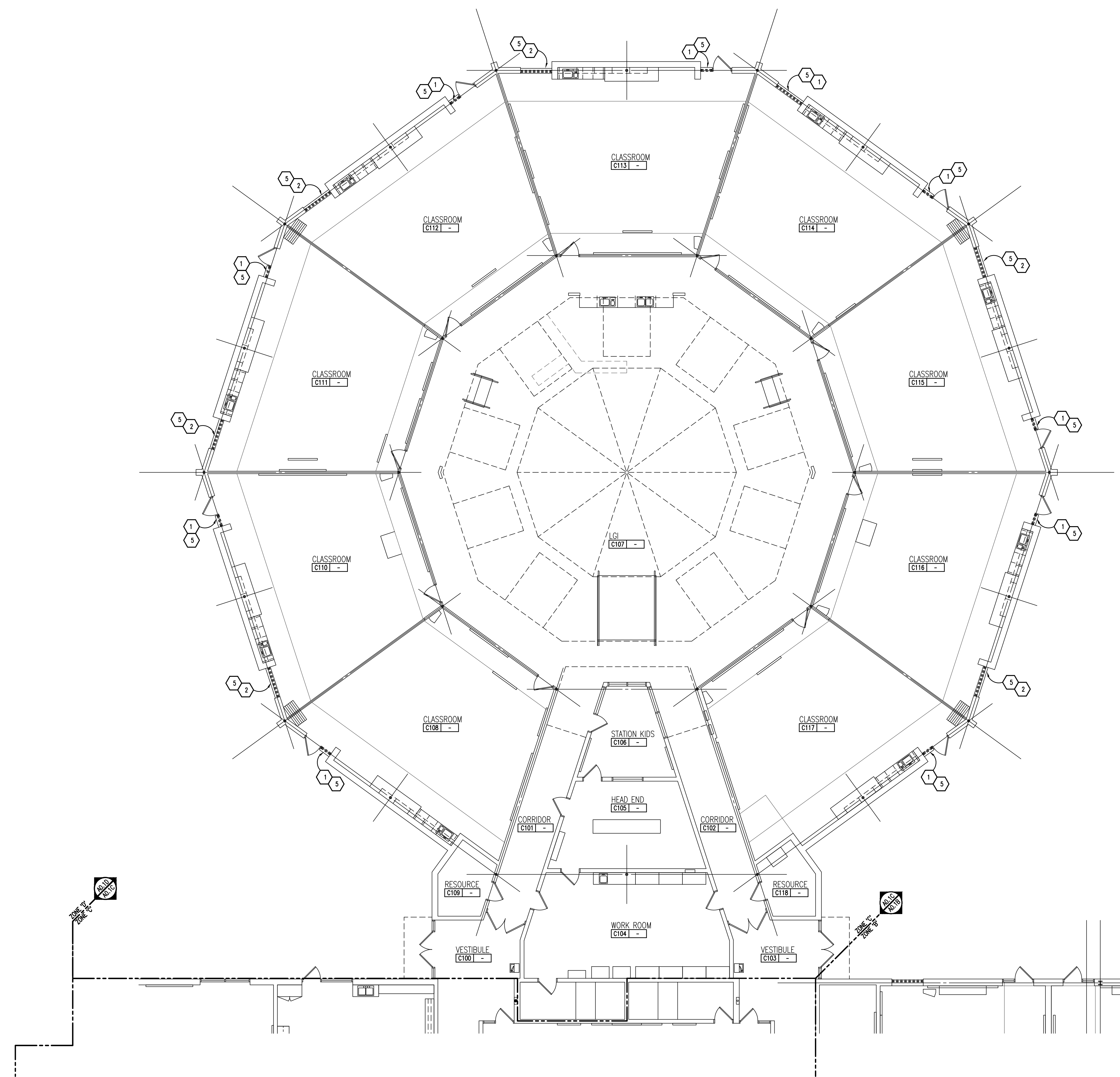
1. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR RELATED AND ADDITIONAL DEMOLITION AND PATCHING WORK BY MECHANICAL AND ELECTRICAL TRADES.
2. REFER TO ARCHITECTURAL PLANS AT 1X FOR ADDITIONAL PATCHING/REPAIR AT EXTERIOR OF BUILDING, INCLUDING (BUT NOT LIMITED TO) DEMOLITION NOTES RELATED TO WINDOW REPLACEMENT.
3. UNLESS OTHERWISE INDICATED, TOOTH NEW MATERIAL INTO EXISTING, WHEREVER INFILL REMAINS EXPOSED.
4. SEE SPECIFICATION SECTIONS FOR ADDITIONAL DEMOLITION AND PATCHING REQUIREMENTS.
5. SEE DOOR SCHEDULE AD.X FOR ADDITIONAL REMARKS.

DEMOLITION KEYNOTES

- 1 REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, & ALUMINUM SILL. PROTECT THE ADJACENT DOOR, DOOR FRAME, AND METAL PANELS, ABOVE & BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- 2 REMOVE ALUMINUM WINDOW, INCLUDING FRAMING, GLAZING, & ALUMINUM SILL. PROTECT THE ADJACENT METAL PANELS, ABOVE & BELOW, TO REMAIN. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- 3 REMOVE WINDOW, INCLUDING WOOD FRAMING, & GLAZING. PATCH/REPAIR ADJACENT SURFACES TO MATCH EXISTING IF NECESSARY.
- 3A REMOVE WINDOW, INCLUDING FRAMING, SILLS, & GLAZING BY ASBESTOS CONTRACTOR. PROTECT ADJACENT SURFACES.
- 5 REMOVE CURTAIN TRACK/CURTAIN AND/OR VERTICAL BLINDS. FILL, PATCH, REPAIR AND FINISH TO MATCH EXISTING.
- 6 REMOVE MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL NOTES AND DETAILS. PATCH, REPAIR AND/OR FILL EXPOSED ADJACENT SURFACES TO MATCH EXISTING (I.O.N.).

SALVAGED ITEMS

DOOR KEY CORES



**FLOOR PLAN - ZONE 'C'**  
SCALE: 1/8" = 1'-0"

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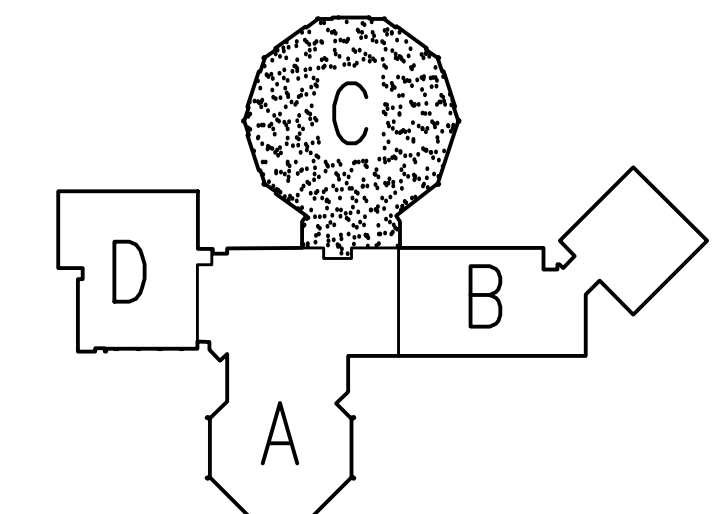
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Hill Elementary  
School  
Window Replacement  
Bid Package No.33**

**Troy School District  
Troy, Michigan**

DRAWING TITLE  
Floor Plan -  
Zone 'C'



ISSUE DATES

DATE	ISSUED FOR:
11-01-2021	CONSTRUCTION DOCUMENTS

PROJECT NO.  
**13161B**  
DRAWING NO.  
**A1.1C**

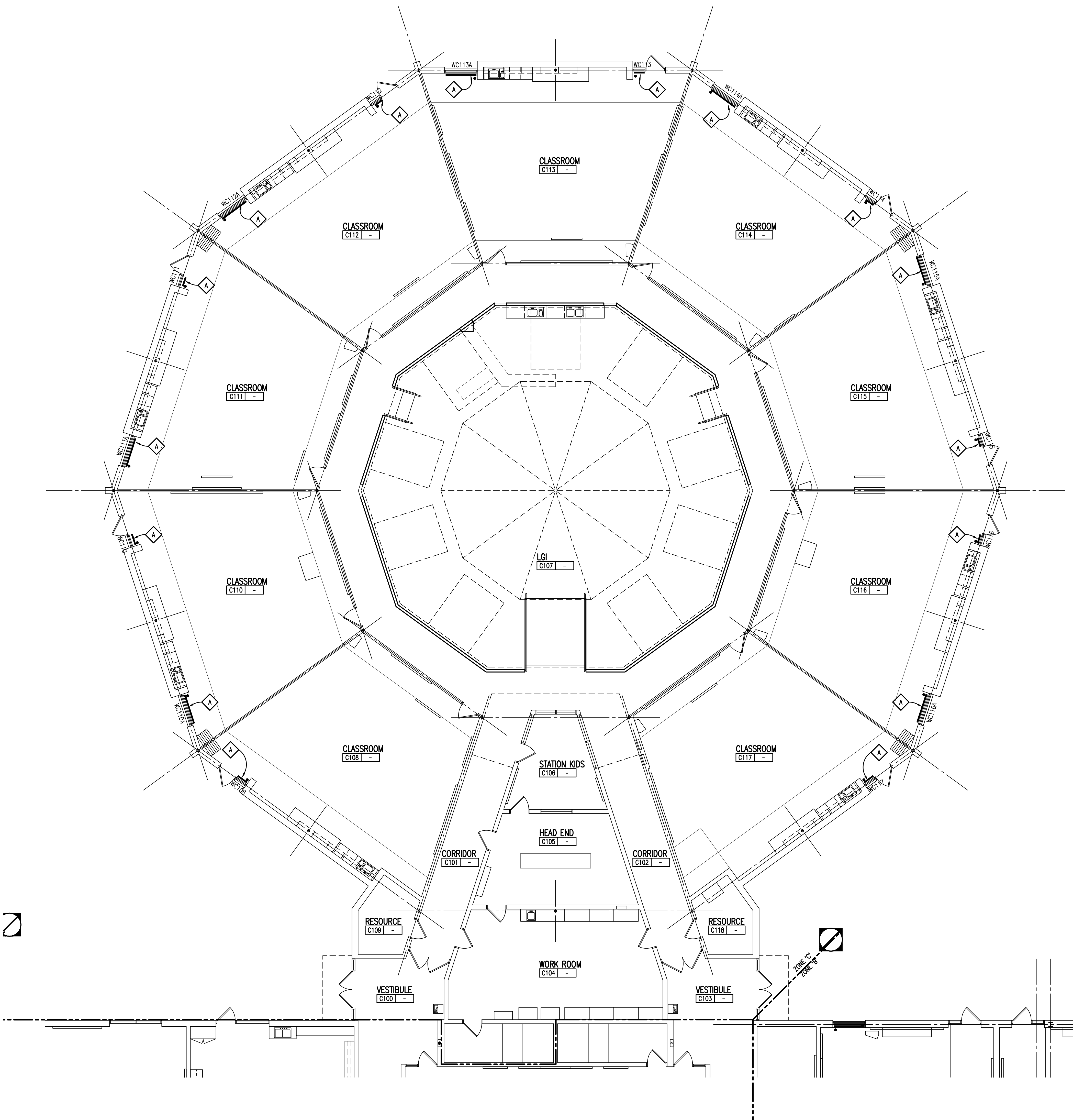
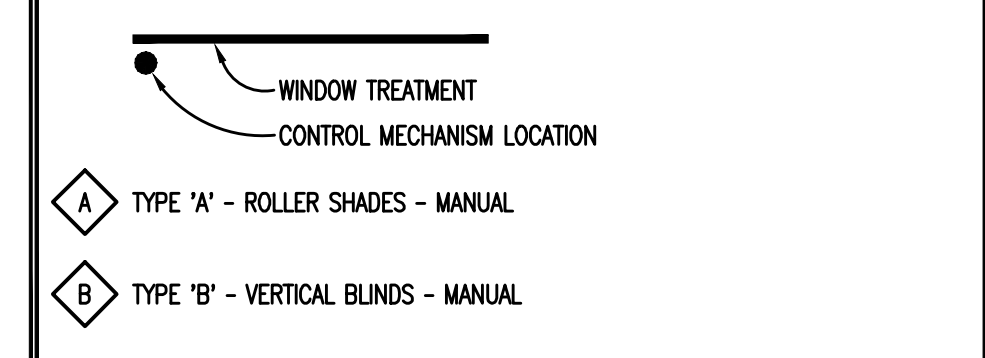
#### GENERAL NOTES

- CONTRACTORS SHALL VERIFY ALL EXISTING BUILDING DIMENSIONS, PARTITION AND WALL LOCATIONS, AND FLOOR ELEVATIONS IN THE FIELD AND NOTIFY THE ARCHITECTS REPRESENTATIVE OF ANY DISCREPANCIES BEFORE START OF WORK.
- FLOOR PLANS ARE DIMENSIONED TO NOMINAL WALL THICKNESS - TYPICAL.
- DIMENSIONS FOLLOWED BY ± SHOULD BE REVIEWED AND ALL NECESSARY ADJUSTMENTS MADE PRIOR TO FABRICATION AND/OR INSTALLATION OF AFFECTED WORK. NOTIFY ARCHITECTS REPRESENTATIVE IF DISCREPANCIES ARISE BEFORE PROCEEDING WITH THE WORK.
- VERIFY QUANTITY, SIZE, AND LOCATION OF ALL OPENINGS SHOWN OR REQUIRED FOR THE COMPLETION OF THE WORK.
- VERIFY ALL DIMENSIONS IN FIELD.
- FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

#### PATCHING NOTES

- REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
- PATCH AND REPAIR ALL FLOOR AND WALL SURFACES LEFT DAMAGED OR INCOMPLETE FROM REMOVAL OF EXISTING DOORS, STOREFRONT, AND OR FRAMES. MATERIALS TO MATCH EXISTING, AS ACCEPTABLE TO THE ARCHITECT.
- TOOTH-IN MASONRY INTO EXISTING, U.O.M., INCLUDING JAMBS OF DOOR AND OTHER OPENINGS.
- WHERE REMOVAL OR MODIFICATION TO A FINISH MATERIAL IS SHOWN, BUT NEW FINISHES ARE NOT SCHEDULED, PATCH AND REPAIR TO MATCH EXISTING FINISH CONDITION AS REQUIRED.

#### WINDOW TREATMENT LEGEND



 **FLOOR PLAN - ZONE 'C'**  
SCALE: 1/8" = 1'-0"

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ROOM USE LEGEND			
C	CLASSROOM	LG	LOUNGE
CA	CAFETERIA	LGI	LARGE GROUP INSTRUCTION
CC	COMPUTER CLASSROOM	M	MECHANICAL
CF	CONFERENCE ROOM	MC	MEDIA CENTER
CL	CLINIC	O	OFFICE
CO	COMMONS AREA	RD	READING
CP	COPY ROOM	RE	RECEIVING
E	ELECTRICAL	S	STORAGE
GM	GYMNASIUM	SG	STAGE
HE	HEAD END ROOM	T	TOILET
K	KITCHEN	V	VESTIBULE
JC	JANITOR'S CLOSET	WC	WELCOME CENTER
L	LOBBY	W	WORKROOM

**BUILDING DATA**

1. NO SUPERVISED AUTOMATIC SPRINKLER SYSTEM
2. CONSTRUCTION CLASSIFICATION TYPE II-000 (NFPA) & II-B (MBC)
3. USE CLASSIFICATION "E"

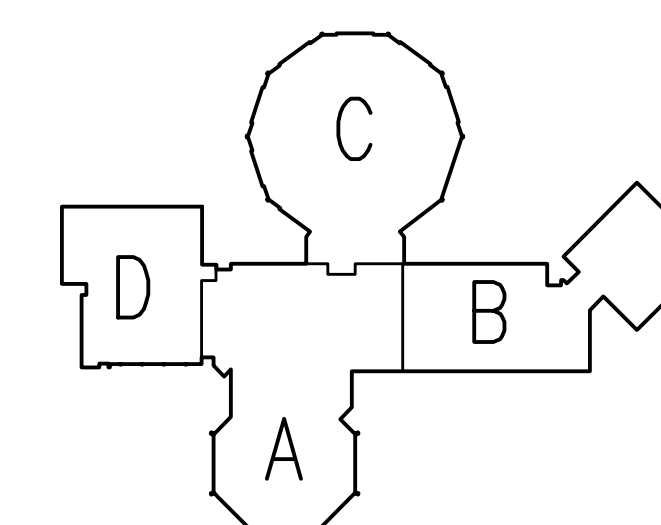
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**Hill Elementary School Window Replacement Bid Package No.33**

Troy School District  
Troy, Michigan

DRAWING TITLE  
**Composite Floor Plan**



ISSUE DATES


11-01-2021 CONSTRUCTION DOCUMENTS

DATE ISSUED FOR:

DRAWN BG

CHECKED JW

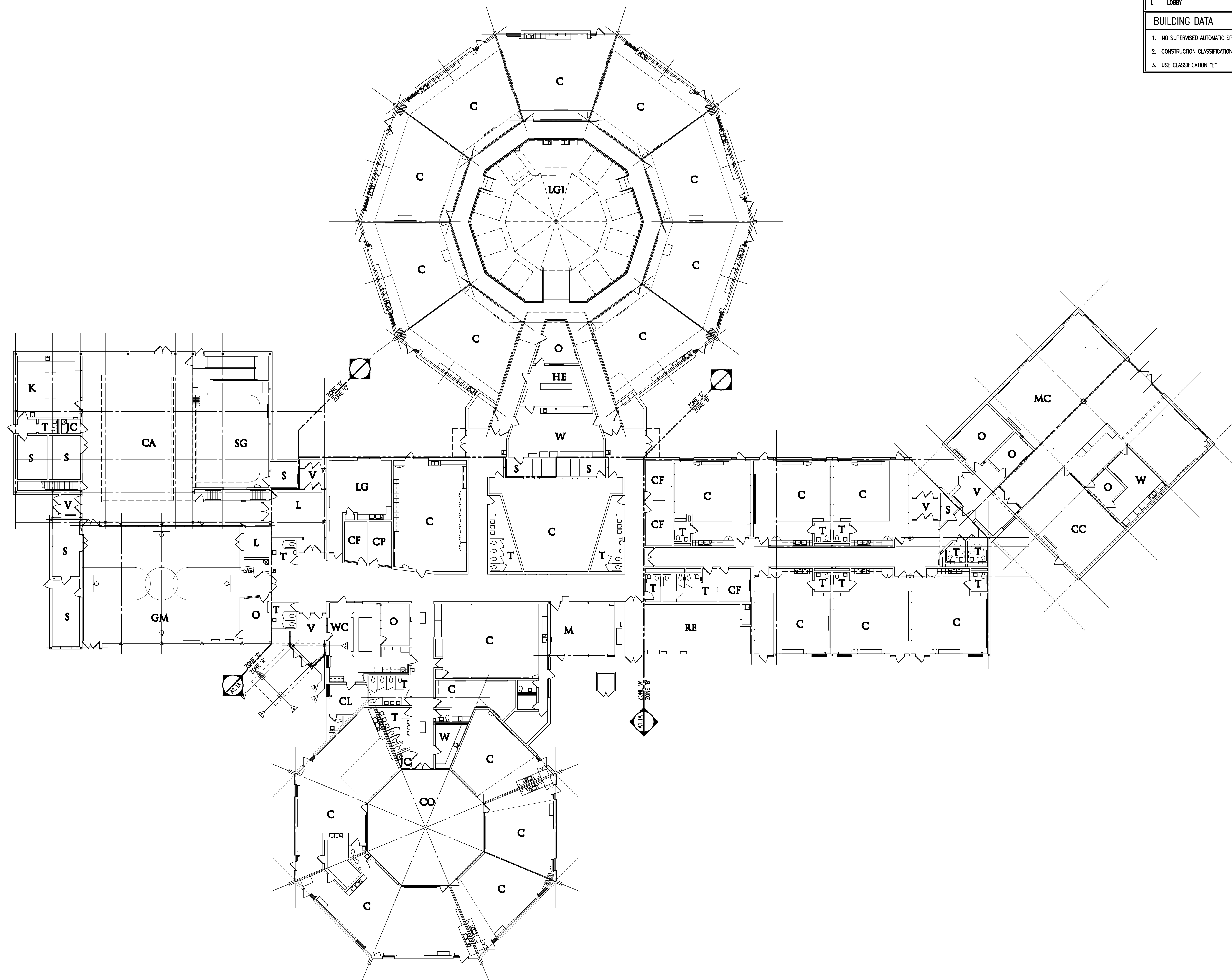
APPROVED JJC

PROJECT NO.

**13161B**

DRAWING NO.

**AC.1**



**COMPOSITE FLOOR PLAN**  
SCALE: 1/16" = 1'-0"