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# INTERNATIONAL ACADEMY EAST DOOR REPLACEMENT

## TROY SCHOOL DISTRICT - TROY, MICHIGAN

2013 BOND PROGRAM - BID PACKAGE NO.33  
 PROJECT NUMBER: 13175G  
 CONSTRUCTION DOCUMENTS

**LIST OF DRAWINGS**

**GENERAL INFORMATION**

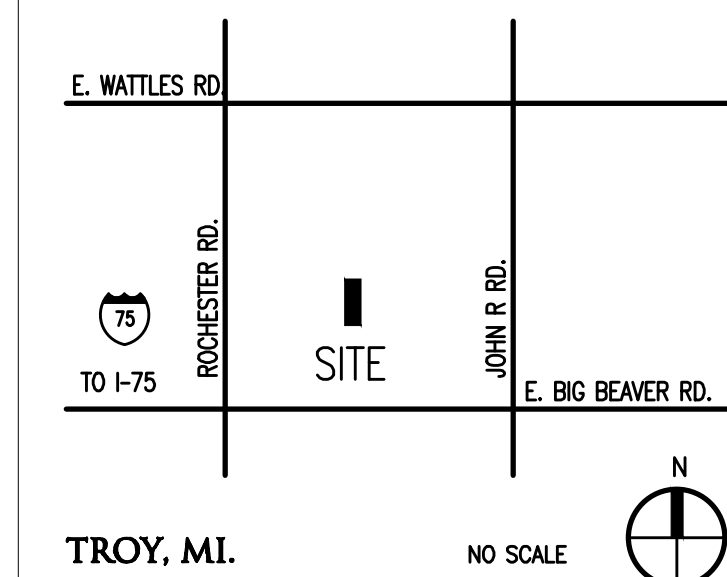
- TS.1 COVER SHEET
- TG.1 GENERAL INFORMATION

**ARCHITECTURAL**

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

**PROJECT DATA:**

**LOCATION MAP**



**ADDRESS:** INTERNATIONAL ACADEMY EAST  
 1291 TORPEY  
 TROY, MI 48083

**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
  - 2005 MICHIGAN UNIFORM ENERGY CODE (ANSI/ASHRAE/IESNA Standard 90.1-2013)
  - 2017 MICHIGAN ELECTRICAL RULES (2017 NEC, plus Part 8 Rules)
  - 2010 MICHIGAN ELEVATOR RULES (ASME A17.1-2010, ASME A18.1-2011)
  - MICHIGAN BARRIER FREE CODE (Michigan Building Code 2015 and ICC A117.1-2009)
  - 2013 MICHIGAN BOILER CODE 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

11-1-21 CONSTRUCTION DOCUMENTS  
 DATE ISSUED FOR:

**LICENSEE'S STATEMENT:**

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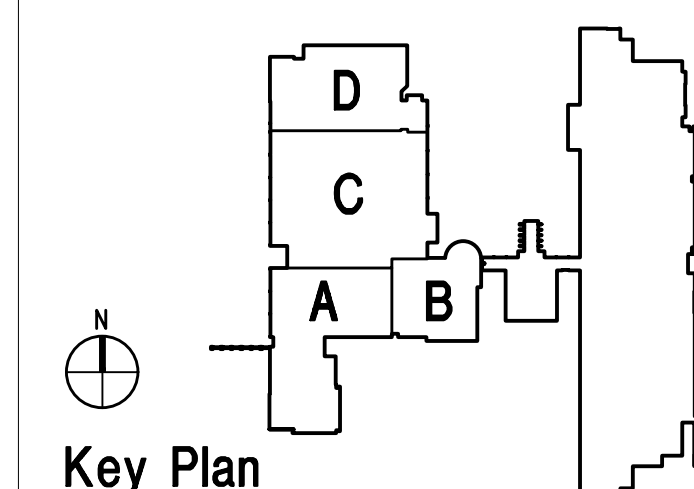
**REGISTRATION SEALS**

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**PROJECT TITLE**  
**International Academy East Door Replacement**  
 PROJECT NO.  
**13175G**  
 DRAWING NO.  
**TS.1**



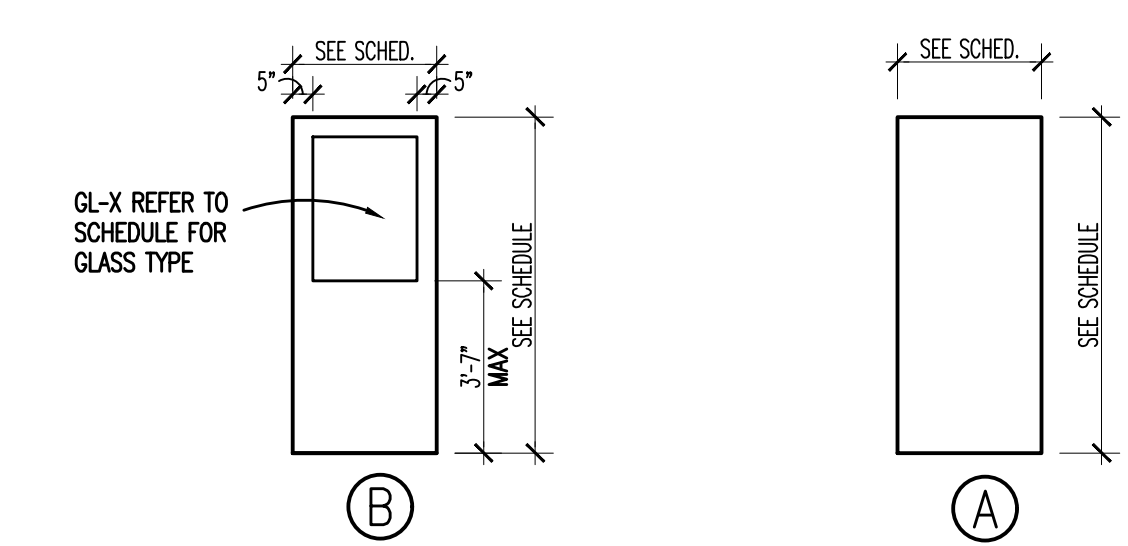


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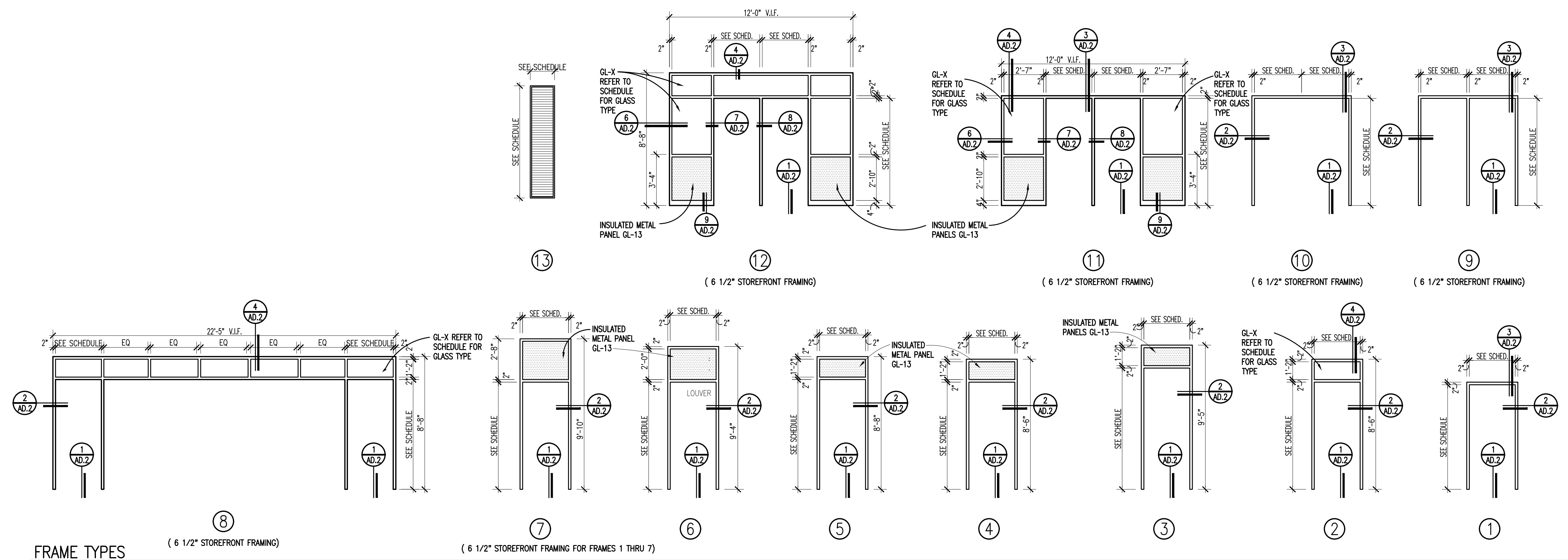
11-1-21	CONSTRUCTION DOCUMENTS
DATE:	ISSUED FOR:

DRAWN  
 CHECKED  
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DOOR & FRAME SCHEDULE																
Opening No.	Opening Size (Width x Height)	Door				Frame				Details			Threshold	U.L. Label	Hdwe. Set	Remarks <small>CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD.</small>
		Type	Material	Finish	Glass	Type	Material	Finish	Glass	Head	Jamb	Sill				
<b>Zone 'A'</b>																
A100	(2) 3'-0" x 7'-0"	B	FRP	PFN	GL-1	11	AL	ANOD	GL-11/GL-13	3/AD.2/4/AD.2	6/AD.2; 7/AD.2; 8/AD.2	1/AD.2; 9/AD.2	MET		05	CYLINDER, R/R ACCESS CONTROL
A113	3'-0" x 7'-0"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
A122	3'-0" x 7'-0"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
A123	(2) 3'-0" x 7'-0"	B	FRP	PFN	GL-1	10	AL	ANOD	.	3/AD.2	2/AD.2; 8/AD.2; 6/AD.2	1/AD.2	MET		03	CYLINDER
A128	4'-0" x 7'-2"	A	FRP	FRP	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		06	CYLINDER, PEEP HOLE
A135	3'-0" x 7'-0"	A	FRP	PFN	.	4	AL	ANOD	.	.	2/AD.2	1/AD.2	MET		07	CYLINDER
A137	3'-0" x 7'-0"	A	FRP	PFN	.	2	AL	ANOD	GL-11	4/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
A137A	3'-0" x 7'-0"	A	FRP	PFN	.	2	AL	ANOD	GL-11	4/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
A137B	3'-0" x 7'-0"	A	FRP	PFN	.	2	AL	ANOD	GL-11	4/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
A141	3'-0" x 7'-0"	A	FRP	PFN	.	7	AL	ANOD	GL-13	.	2/AD.2	1/AD.2	MET		01	CYLINDER
<b>Zone 'B'</b>																
B100	(2) 3'-1" x 7'-2"	B	FRP	PFN	GL-1	10	AL	ANOD	.	3/AD.2	2/AD.2; 8/AD.2	1/AD.2	MET		05	CYLINDER, R/R ACCESS CONTROL, REM MULLION
B101	3'-0" x 7'-2"	B	FRP	PFN	GL-1	8	AL	ANOD	GL-11	4/AD.2;	2/AD.2;	1/AD.2	MET		01	CYLINDER
B101A	3'-0" x 7'-2"	B	FRP	PFN	GL-1	.	.	.	.	4/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER,* SEE DOOR B101 FOR FRAME
B118	1'-7" x 7'-4"	.	.	.	.	13	AL	ANOD	.	.	.	.	.	.	.	LOUVER
B119	3'-0" x 7'-0"	A	FRP	PFN	.	6	AL	ANOD	GL-13	.	2/AD.2	1/AD.2	MET		07	CYLINDER
B121	3'-0" x 7'-2"	A	FRP	PFN	.	5	AL	ANOD	.	.	2/AD.2	1/AD.2	MET		07	CYLINDER
B125	3'-0" x 7'-2"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
B130	3'-0" x 7'-2"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
<b>Zone 'C'</b>																
C103	3'-0" x 7'-0"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
C104	3'-0" x 7'-0"	A	FRP	PFN	.	1	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		01	CYLINDER
C105	(2) 3'-0" x 7'-0"	A	FRP	PFN	.	9	AL	ANOD	.	3/AD.2	2/AD.2	1/AD.2	MET		08	CYLINDER
<b>Zone 'D'</b>																
D100	(2) 3'-0" x 7'-2"	B	FRP	PFN	GL-1	12	AL	ANOD	GL-11/GL-13	4/AD.2	6/AD.2; 7/AD.2; 8/AD.2	1/AD.2; 9/AD.2	MET		03	CYLINDER
D116	3'-0" x 7'-10"	B	FRP	PFN	GL-1	3	AL	ANOD	GL-13	.	2/AD.2	1/AD.2	MET		01	CYLINDER



**DOOR TYPES**



**FRAME TYPES**

**DOOR SCHEDULE ABBREVIATIONS AND NOTES**

(REFER TO SPECIFICATIONS FOR ADDITIONAL DOOR INFORMATION)

<b>DOOR SCHEDULE ABBREVIATIONS</b> AL ALUMINUM ANOD ANODIZED ALGL ALUMINUM AND GLASS FRP FIBERGLASS REINFORCED POLYESTER HM HOLLOW METAL MET METAL THRESHOLD PFN PREFINISHED BY MANUFACTURER PTD PAINTED	<b>DOOR SCHEDULE GENERAL NOTES</b> 1. GALVANIZED METAL TO BE PROVIDED FOR HOLLOW METAL DOOR AND/OR FRAME AT EXTERIOR LOCATION. 2. DOORS ARE 1-3/4" THICK UNLESS OTHERWISE NOTED. 3. DETAIL NUMBERS NOTED SIM. REFER TO DETAILS SHOWING HEAD, JAMB, AND/OR SILL DETAILS THAT REPRESENT CONDITIONS SIMILAR TO THESE NOTED. 4. HOLLOW METAL FRAMES SET IN MASONRY WALLS ARE 5 3/4" WIDE (U.O.N.). 5. HOLLOW METAL FRAMES, SET IN GYPSUM BD., METAL STUD PARTITIONS, SHALL BE "DOUBLE BACK-BEND" FRAMES WITH A THROAT DIMENSION EQUAL TO THE PARTITION THICKNESS PLUS 9/16" RETURNS ON EACH SIDE OF THE PARTITION. PROVIDE EQUAL RABBETS. 6. AN ASTERISK (*) CALLS ATTENTION TO THE REMARKS COLUMN OF THE SCHEDULE.	<b>U.L. DOOR LABEL DESIGNATIONS:</b> U.L. LABEL** MIN. OPENING PROTECTION ASSEMBLY 180 3 HR. FIRE RATING 90 1-1/2 HR. FIRE RATING 60 1 HR. FIRE RATING 45 3/4 HR. FIRE RATING 20 1/3 HR. FIRE RATING ** ALL FIRE RATED DOORS SHALL BE SMOKE AND DRAFT CONTROL LABELED IN ADDITION TO U.L. LABELS INDICATED.
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**GENERAL NOTES**

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

**DEMOLITION KEYNOTES**

- REMOVE DOOR AND FRAME.
- REMOVE EXTERIOR ALUMINUM DOORS, THRESHOLDS, FRAMING AND GLAZING, INCLUDING ADJACENT GLAZED-IN PANELS.
- REMOVE EXTERIOR HOLLOW METAL DOORS, FRAMING, INCLUDING ADJACENT GLAZED-IN PANELS, LOUVERS AND THRESHOLDS.
- REMOVE EXTERIOR HOLLOW METAL FRAMING, HOLLOW METAL DOORS, SIDELIGHTS, LOUVERS, DOOR THRESHOLDS, AND DOOR HARDWARE BY ASBESTOS CONTRACTOR.
- REMOVE CURTAIN TRACK/CURTAIN AND/OR VERTICAL BLINDS. FILL, PATCH, REPAIR AND FINISH TO MATCH EXISTING.
- REMOVE EXTERIOR ALUMINUM PLANK DOORS, THRESHOLDS, FRAMING AND GLAZING, INCLUDING ADJACENT GLAZED-IN PANELS. RETURN PLANK DOORS AND HARDWARE TO OWNER.
- REMOVE AND REINSTALL FIRE ALARM PULL STATION IN SAME LOCATION AS REQUIRED FOR WORK INDICATED. PROVIDE NEW CONDUIT (WIREMOLD) AND CABLING AS REQUIRED.
- REMOVE AND REINSTALL ACCESS CONTROL IN SAME LOCATION.

**SALVAGED ITEMS**

ALUMINUM PLANK STYLE DOORS AND ASSOCIATED HARDWARE  
DOOR KEY CORES



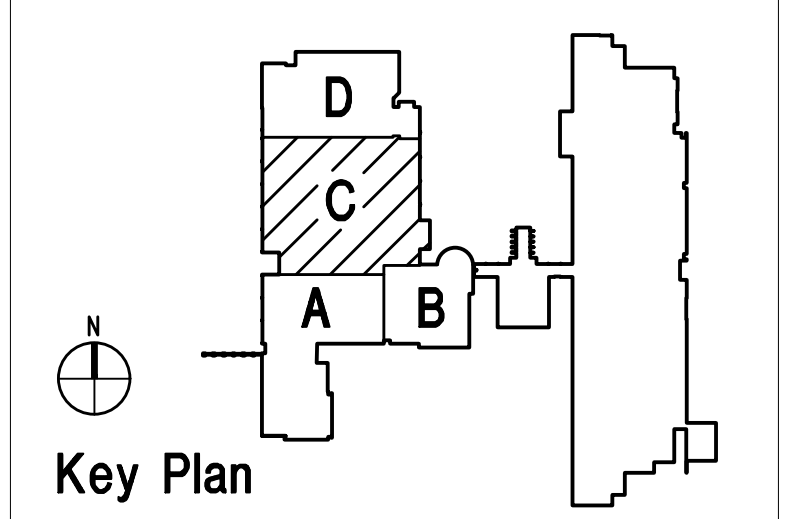
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**CONSULTANT**

**PROJECT TITLE**  
International Academy East  
Door Replacement  
Bid Package No.33

**Troy School District**  
Troy, Michigan

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



**ISSUE DATES**

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11-1-21	CONSTRUCTION DOCUMENTS

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**APPROVED** \_\_\_\_\_

**PROJECT NO.**  
**13175G**

**DRAWING NO.**  
**A0.1C**

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

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**GENERAL NOTES**

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

**PATCHING NOTES**

1. REFER TO DEMOLITION PLANS FOR ADDITIONAL PATCHING NOTES.
2. 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.
3. TOOTH-IN MASONRY INTO EXISTING, U.O.M., INCLUDING JAMBS OF DOOR AND OTHER OPENINGS.
4. 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.



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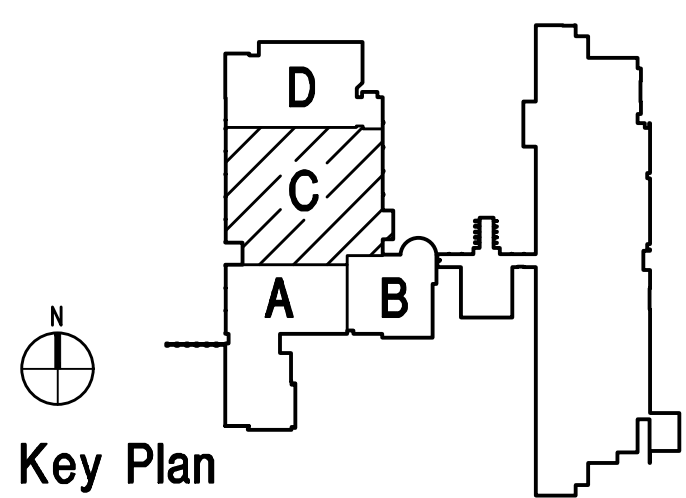
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**International Academy East Door Replacement Bid Package No.33**

Troy School District  
 Troy, Michigan

DRAWING TITLE  
 Floor Plan - Zone 'C'



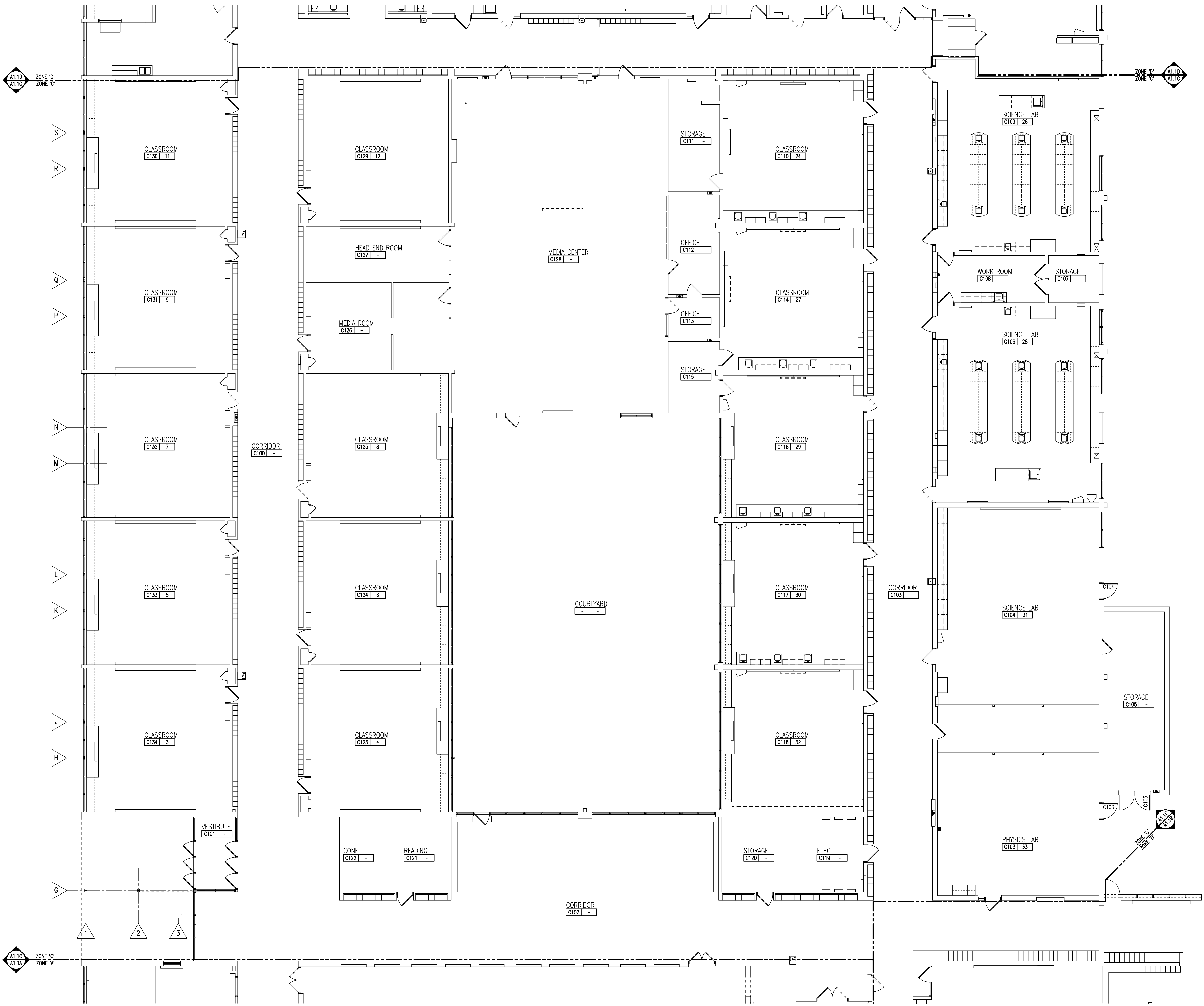
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PROJECT NO.  
**13175G**  
 DRAWING NO.  
**A1.1C**



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

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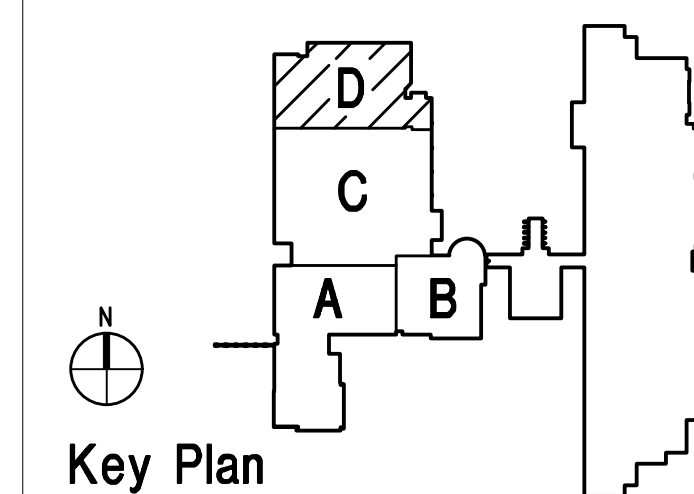
REGISTRATION SEAL

CONSULTANT

PROJECT TITLE  
**International Academy East  
Door Replacement  
Bid Package No.33**

Troy School District  
Troy, Michigan

DRAWING TITLE  
**Floor Plan -  
Zone 'D'**



ISSUE DATES

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PROJECT NO.

**13175G**

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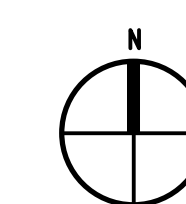
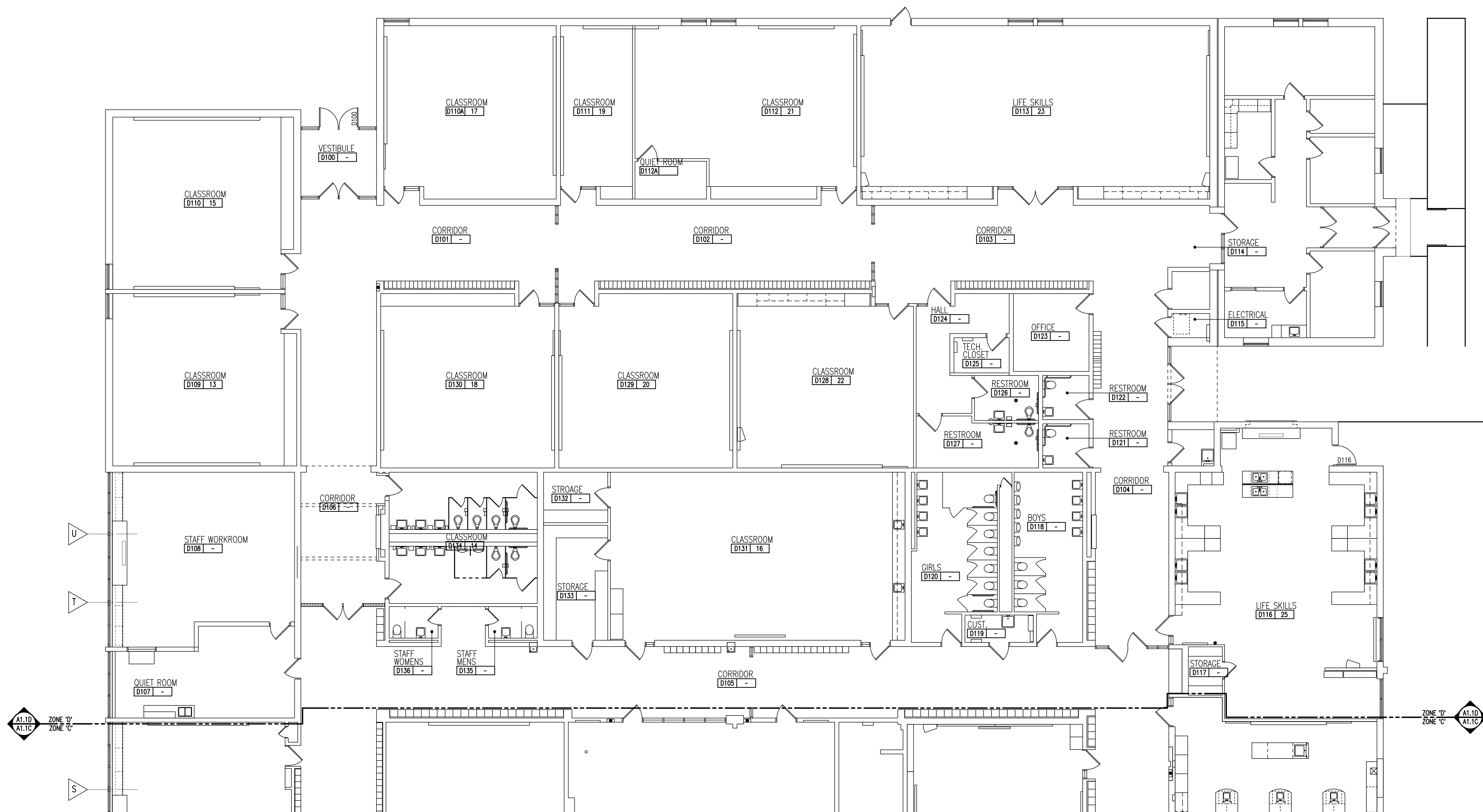
**A1.1D**

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6. FOR MORE INFORMATION REGARDING THRESHOLDS AT TILE INSTALLATIONS, SEE DOOR SCHEDULE SHEET.

**PATCHING NOTES**

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