

# DUNELAND SCHOOL CORPORATION

## 2020 I.T. WIRING INSTALLATION AT:

BAILLY ELEMENTARY SCHOOL, 800 S. 5TH STREET, CHESTERTON, IN 46304

BRUMMITT ELEMENTARY SCHOOL, 2500 INDIAN BOUNDARY ROAD, CHESTERTON, IN 46304

CHESTERTON HIGH SCHOOL, 2125 S. 11TH STREET, CHESTERTON, IN 46304

CHESTERTON MIDDLE SCHOOL, 651 W. MORGAN AVENUE, CHESTERTON, IN 46304

JACKSON ELEMENTARY SCHOOL, 811 N. 400 E., VALPARAISO, IN 46383

LIBERTY INTERMEDIATE SCHOOL, 50 W. 900 NORTH, CHESTERTON, IN 46304

YOST ELEMENTARY SCHOOL, 100 W. BEAM STREET, PORTER, IN 46304

**TRIA PROJECT#: 19-074**

ARCHITECT:

**TRIA ARCHITECTURE, INC.**

West Suburban Office: 901 McClintock Drive, Suite 100  
Burr Ridge, Illinois 60521

South Suburban Office: 1820 Ridge Road, Suite 209  
Homewood, Illinois 60430

Indiana Office: 436 Sand Creek Drive N, Suite 105  
Chesterton, Indiana 46304

Company Main: 630.455.4500 Fax: 630.455.4040  
www.TriaArchitecture.com

M.E.P. CONSULTANT:

**OAS, LLC.**

769 Heartland Dr., Unit A  
Sugar Grove, Illinois 60554

Phone: 630.538.1996  
www.oasllc.net

### GENERAL BUILDING CODE REQUIREMENTS

**BUILDING CODES REFERENCED:**

2012 INTERNATIONAL BUILDING CODE WITH 2014 INDIANA AMENDMENTS

2006 INTERNATIONAL PLUMBING CODE 2ND EDITION AMENDED INDIANA 2012

2008 NATIONAL ELECTRICAL CODE WITH 2009 INDIANA AMENDMENTS

2012 INTERNATIONAL MECHANICAL CODE WITH 2014 INDIANA AMENDMENTS

INDIANA ENERGY CONSERVATION CODE 2010

2012 INTERNATIONAL FIRE CODE WITH 2014 INDIANA AMENDMENTS

2012 INTERNATIONAL FUEL GAS CODE 2ND EDITION WITH 2014 INDIANA AMENDMENTS

**OCCUPANCY CLASSIFICATION:**

EDUCATIONAL GROUP E

**DESIGN FIRM REGISTRATION:**

THOMAS R. SZURGOT

INDIANA LICENSE NUMBER: \*ARI0000113

### SET 4 OF 7 - DRAWING INDEX FOR CHESTERTON MIDDLE SCHOOL

T1.00 TITLE SHEET, SITE LOCATION MAP, INDEX, AND GENERAL BUILDING  
CODE REQUIREMENTS

**ELECTRICAL**

E110A FIRST FLOOR PLAN - MODULE A - ELECTRICAL

E110B FIRST FLOOR PLAN - MODULE B - ELECTRICAL

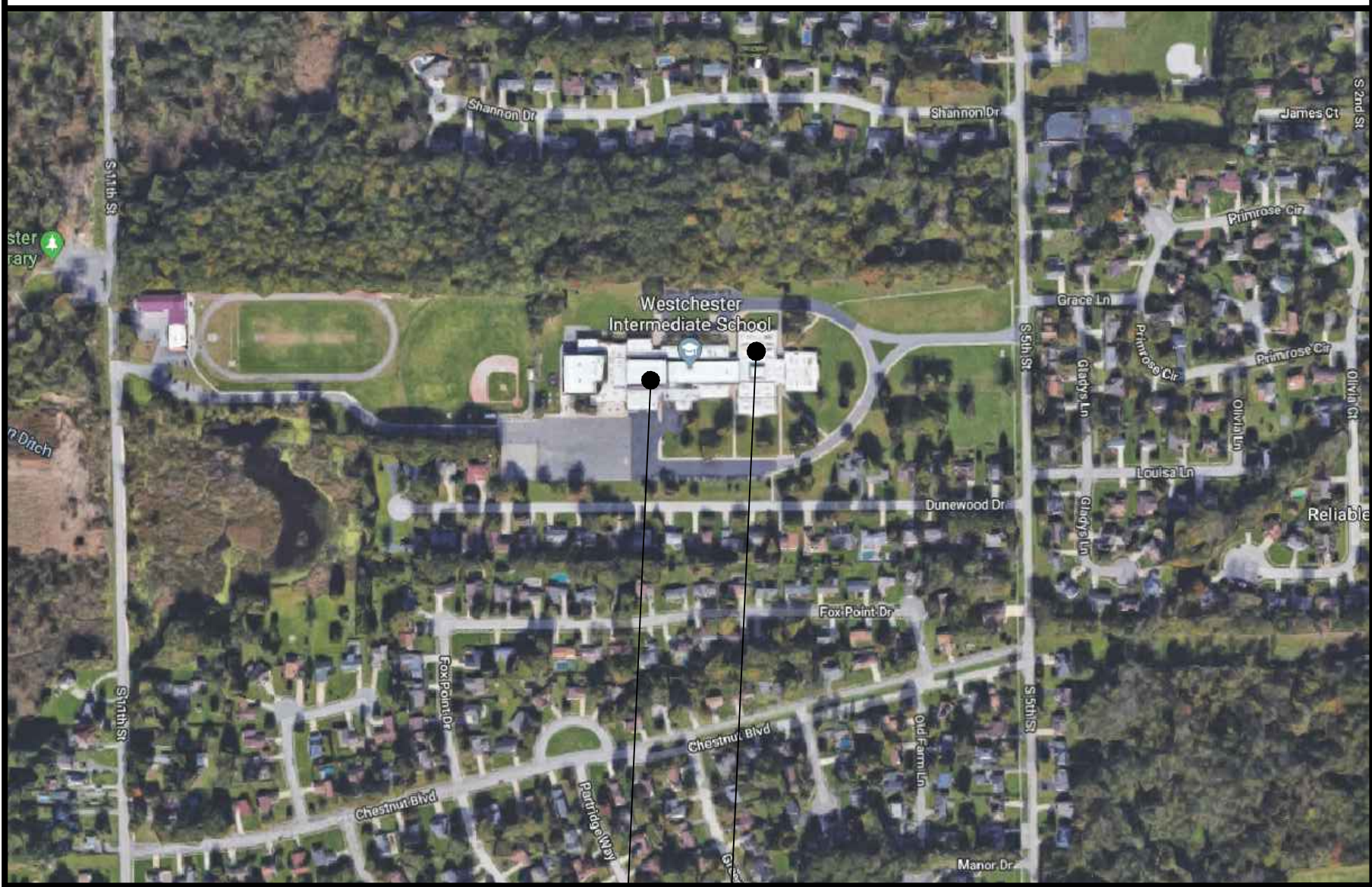
E110C FIRST FLOOR PLAN - MODULE C - ELECTRICAL

E120 SECOND FLOOR PLAN - ELECTRICAL

### SCHOOL BOARD

BOARD PRESIDENT	BRANDON KROFT
BOARD VICE PRESIDENT	KRISTIN KROEGER
BOARD SECRETARY	RONALD STONE
BOARD MEMBER	ALAYNA LIGHTFOOT POL
BOARD MEMBER	JOHN MARSHALL
SUPERINTENDENT	DR. CHIP FETTIT

### SITE LOCATION MAP



CHESTERTON MIDDLE SCHOOL  
651 W. MORGAN AVENUE,  
CHESTERTON, IN 46304

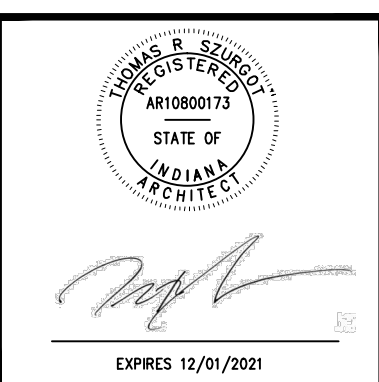
ADMINISTRATION CENTER /  
DISTRICT OFFICE  
601 WEST MORGAN AVE.

**ISSUED FOR BID:**

JANUARY 13, 2020

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REVISIONS

**T1.00**

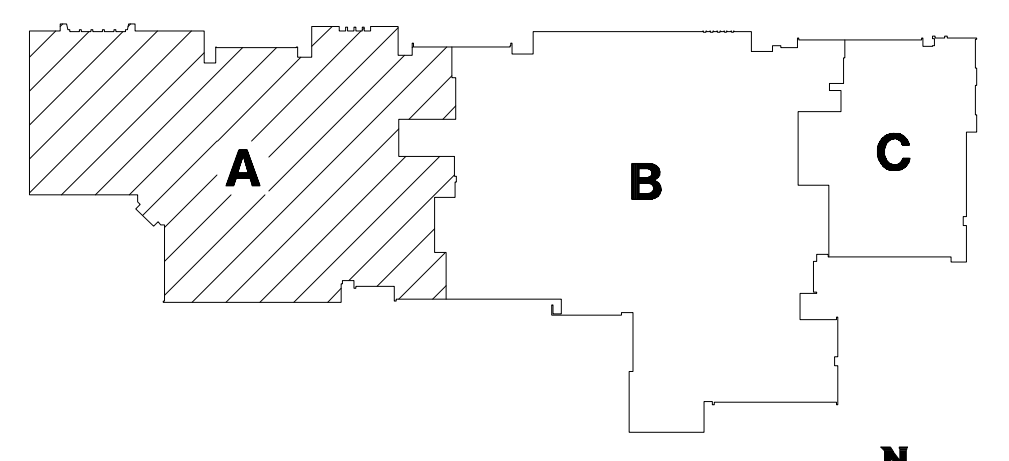
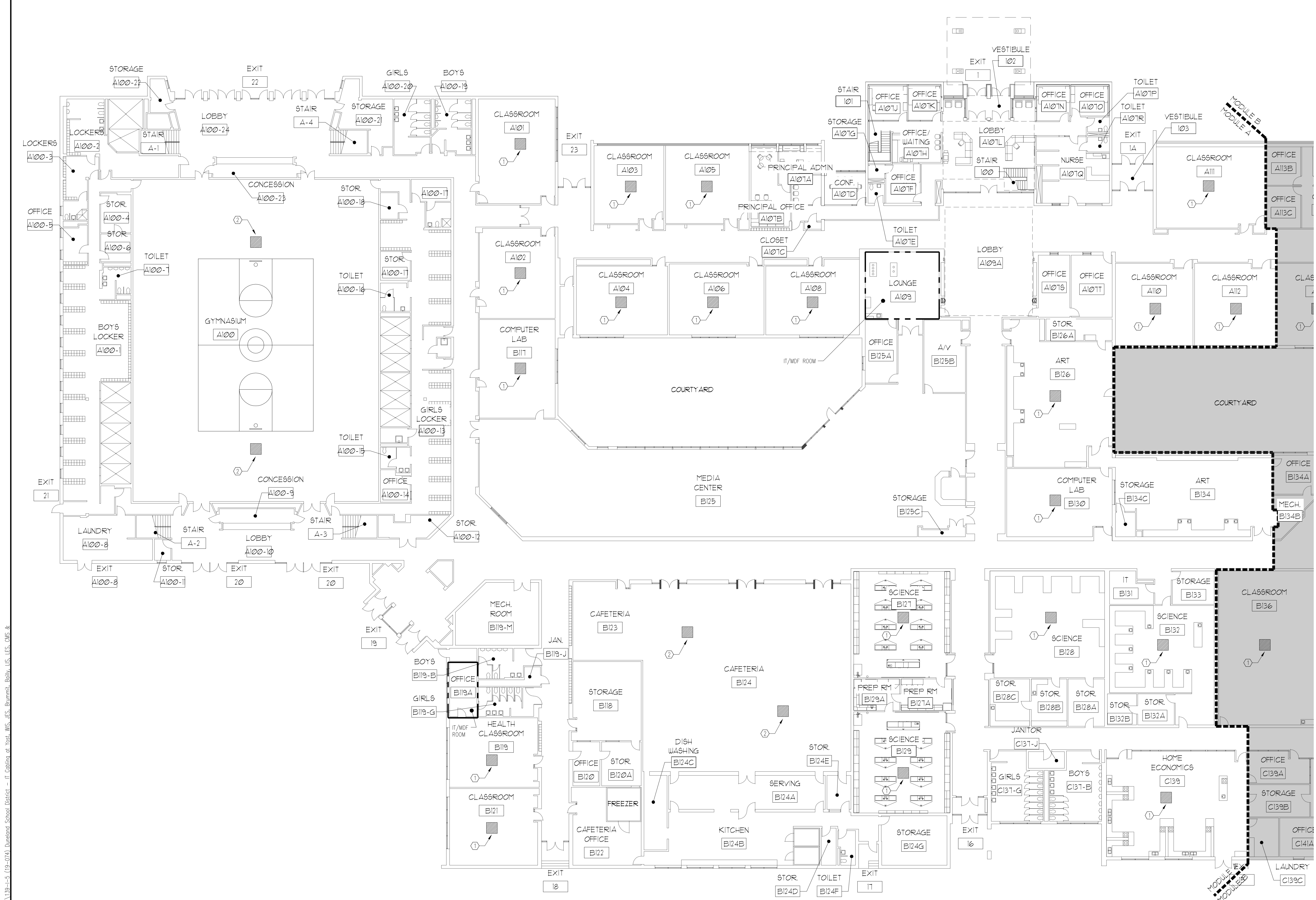


DATE PLOTTED: 1/10/2020 8:28 AM FILE 2014-AMB-WME-E110A-1-5 (13-074) Duneland School District - IT Cabling at West MS, JES, Brumitt, Bohn, US, LIS, OLS & OLS1109-1-5 LBS E110A

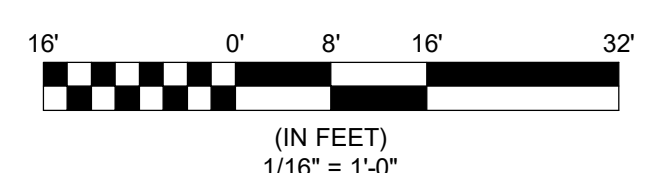
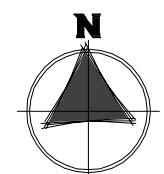
DESIGNED BY: CARL FUGLE

1 FIRST FLOOR PLAN - MODULE A - ELECTRICAL

1/16" = 1'-0"



KEY PLAN  
NOT TO SCALE



GENERAL NOTES

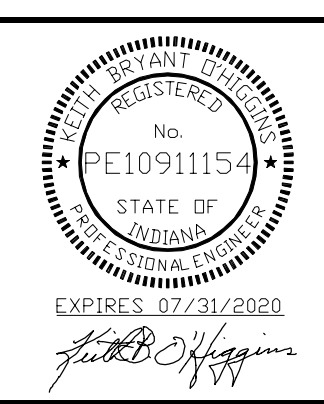
1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THE CABLING INSTALLATION WORK. DAMAGED TILES ARE TO BE REPLACED WITH TILES TO MATCH EXISTING AT NO COST TO THE OWNER.
2. ALL NEW REQUIRED OPENINGS INTO IDF / MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVE TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER INSTALLATION OF CABLING.
3. CUT AND PATCH ALL WALLS, CEILINGS, AND PATCH TO MATCH EXISTING.
4. CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS (SEE SPECIFICATION) REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE.
5. VERIFY EXACT DIMENSIONS OF ALL EXISTING CONDITIONS IN FIELD. GENERAL CONTRACTOR TO VERIFY AND COORDINATE ALL LAYOUTS AMONG ALL TRADES AFFECTED - NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION BY ANY TRADE.
6. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
7. ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
8. REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
9. SHORE OR BRACE ALL EXISTING CONSTRUCTION AND GRADE AS REQUIRED TO PERFORM DEMOLITION WORK.
10. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
11. PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
12. PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
13. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
14. WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
15. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.

KEYED NOTES:

- ① FURNISH AND INSTALL CAT 6 CABLE TERMINATION ABOVE CEILING IN CENTER OF CLASSROOM. CABLE TO HAVE +/- 8 FEET OF COILED CABLE ABOVE CEILING TO PROVIDE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAP. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / MDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.
- ② FURNISH AND INSTALL CAT 6 CABLE TERMINATIONS ABOVE CEILING OR IN JOIST SPACE WHERE NO CEILINGS ARE PRESENT. CABLE TO HAVE +/- 8 FEET OF COILED CABLE ABOVE CEILING TO PROVIDE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAP. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / MDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	CABLE TERMINATION LOCATION



E1.10A  
SET 4 OF 1



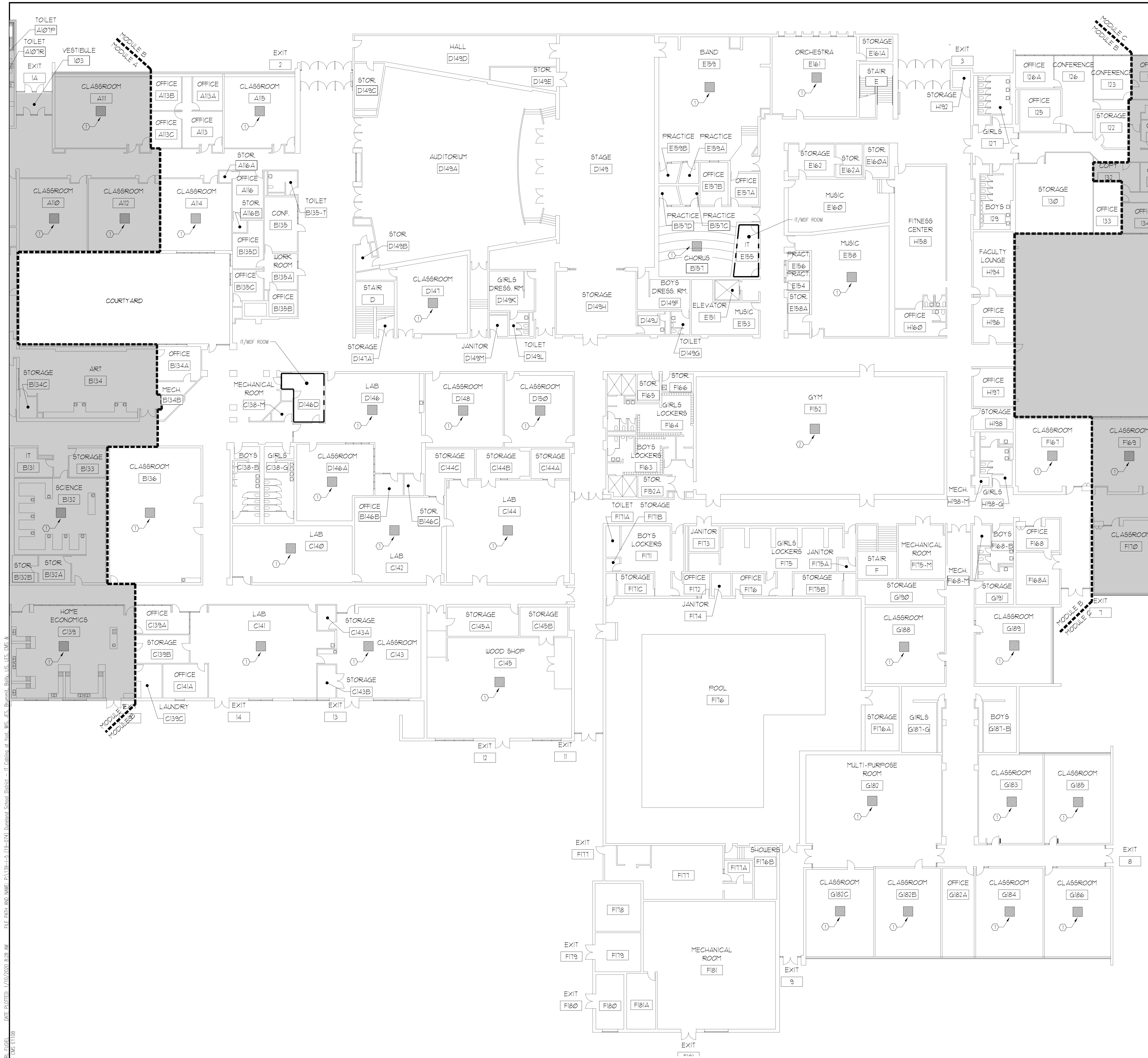
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PROJECT NAME: E1.10A  
DATE: 01/10/2020  
SHEET FOR: E.D.  
FIRST FLOOR PLAN - MODULE A  
ELECTRICAL

DUNELAND SCHOOL CORPORATION  
2020 I.T. WIRING INSTALLATION AT:  
CHESTERTON MIDDLE SCHOOL  
651 WEST MORGAN AVENUE  
CHESTERTON, INDIANA 46304

BAILY ELEMENTARY SCHOOL  
BRUMITT ELEMENTARY SCHOOL  
CHESTERTON HIGH SCHOOL  
JACKSON ELEMENTARY SCHOOL  
LIBERTY INTERMEDIATE SCHOOL



TRIA  
ARCHITECTURE



GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THE CABLING INSTALLATION WORK. DAMAGED TILES ARE TO BE REPLACED WITH TILES TO MATCH EXISTING AT NO COST TO THE OWNER.
2. ALL NEW REQUIRED OPENINGS INTO IDF / MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVE TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER INSTALLATION OF CABLING.
3. CUT AND PATCH ALL WALLS, CEILINGS, AND PATCH TO MATCH EXISTING.
4. CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS (SEE SPECIFICATION) REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE.
5. VERIFY EXACT DIMENSIONS OF ALL EXISTING CONDITIONS IN FIELD. GENERAL CONTRACTOR TO VERIFY AND COORDINATE ALL LAYOUTS AMONG ALL TRADES AFFECTED - NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION BY ANY TRADE.
6. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
7. ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
8. REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
9. SHORE OR BRACE ALL EXISTING CONSTRUCTION AND GRADE AS REQUIRED TO PERFORM DEMOLITION WORK.
10. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORING, CUTTING, PATCHING, INFILLING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT OF BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. ALL PATCHING, REPAIRING, AND REFINISHING SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION.
11. PROTECT ALL EXISTING FINISHES, EQUIPMENT, AND ADJACENT WORK FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED FINISHES, EQUIPMENT, OR ADJACENT SURFACES SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
12. PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
13. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
14. WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
15. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.

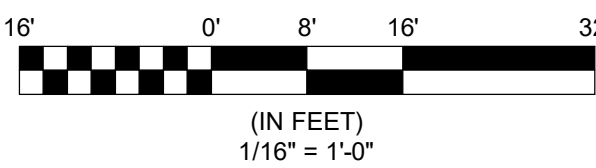
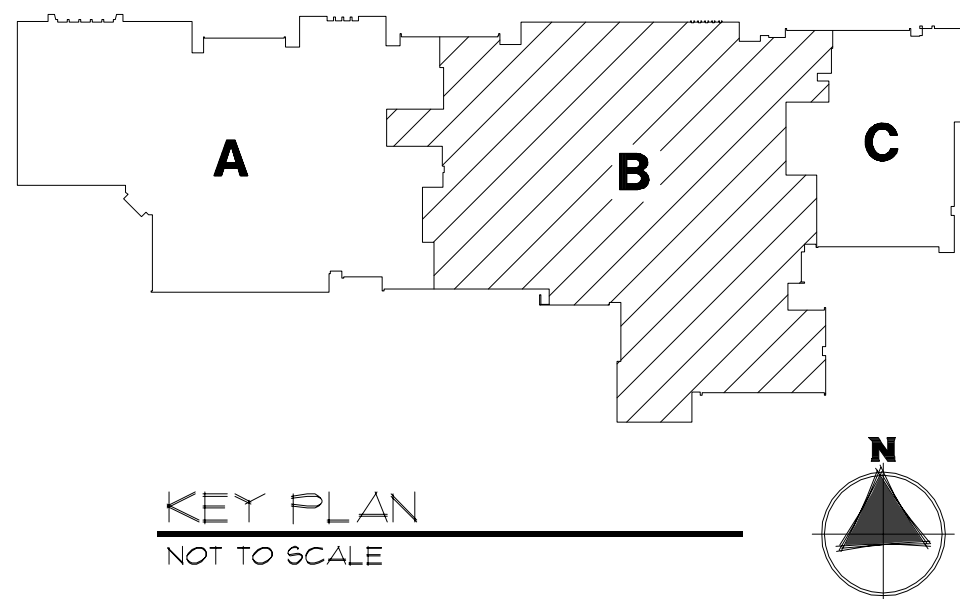
KEYED NOTES:

- ① FURNISH AND INSTALL CAT 6 CABLE TERMINATION ABOVE CEILING IN CENTER OF CLASSROOM. CABLE TO HAVE +/- 8 FEET OF COILED CABLE ABOVE CEILING TO PROVIDE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAP. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / MDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.
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--- IT/MDF ROOM LOCATION

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	CABLE TERMINATION LOCATION



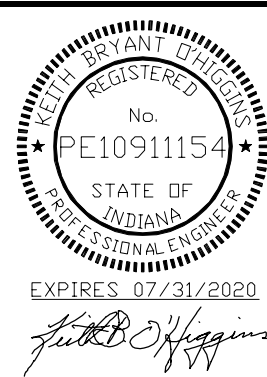
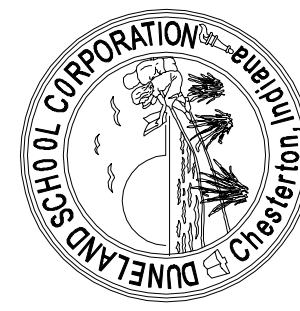
TRIA ARCHITECTURE

TRIA ARCHITECTURE

BALLY ELEMENTARY SCHOOL  
BRUMMITT ELEMENTARY SCHOOL  
CHESTERTON MIDDLE SCHOOL  
JACKSON ELEMENTARY SCHOOL  
LIBERTY INTERMEDIATE SCHOOL  
YOST ELEMENTARY SCHOOL

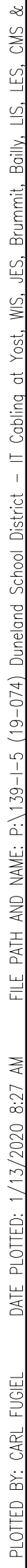
DUNELAND SCHOOL CORPORATION  
2020 I.T. WIRING INSTALLATION AT:  
CHESTERTON MIDDLE SCHOOL  
651 WEST MORGAN AVENUE  
CHESTERTON, INDIANA 46304

REVISIONS  
PROJECT NUMBER: 20-014  
DESIGNER: DSA/LLC  
DATE: 07/20/20  
SHEET FOR BLDG. 07/20/20  
FIRST FLOOR PLAN - MODULE B  
- ELECTRICAL



E1.10B


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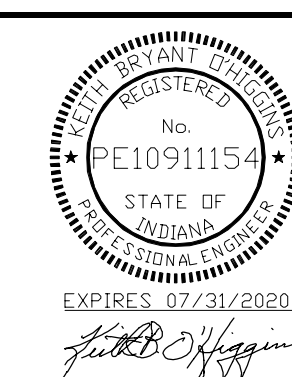
 $1/16' = 1'-0''$ 

1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THE CABLING INSTALLATION WORK. DAMAGED TILES ARE TO BE REPLACED WITH TILES TO MATCH EXISTING AT NO COST TO THE OWNER.
2. ALL NEW REQUIRED OPENINGS INTO IDF / MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4" CH SLEEVE WITH EDGE PROTECTION. SLEEVE TO BE SEALED AT WALL PENETRATION AND FIRE RATED AFTER INSTALLATION OF CABLING.
3. CUT AND PATCH ALL WALLS, CEILINGS, AND PATCH TO MATCH EXISTING.
4. CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS (SEE SPECIFICATION) REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE.
5. VERIFY EXACT DIMENSIONS OF ALL EXISTING CONDITIONS IN FIELD. GENERAL CONTRACTOR TO VERIFY AND CORRECT ALL LAYOUTS AMONG ALL TRADES AFFECTED – NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION BY ANY TRADE.
6. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO REZONE WORK.
7. ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
8. REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
9. SHORE OR BRACE ALL EXISTING CONSTRUCTION AND GRADE AS REQUIRED TO PERFORM DEMOLITION WORK.
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12. REMOVE, FINISH TO MATCH ADJACENT MATERIALS AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE PATCHED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
13. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
14. WHERE POSSIBLE – RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) – PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
15. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED

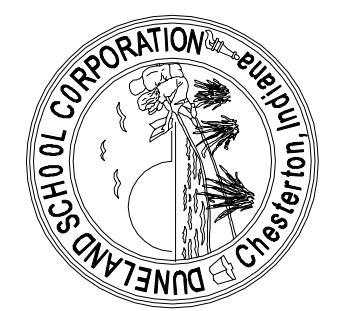
① FURNISH AND INSTALL CABLE CABLE TERMINATION ABOVE CEILING IN CENTER OF CLASSROOM. CABLE HAVE 8 FEET COILED CABLE ABOVE CEILING TO PROVIDE OWNER WITH FUTURE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAGE. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / IDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.

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SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	CABLE TERMINATION LOCATION

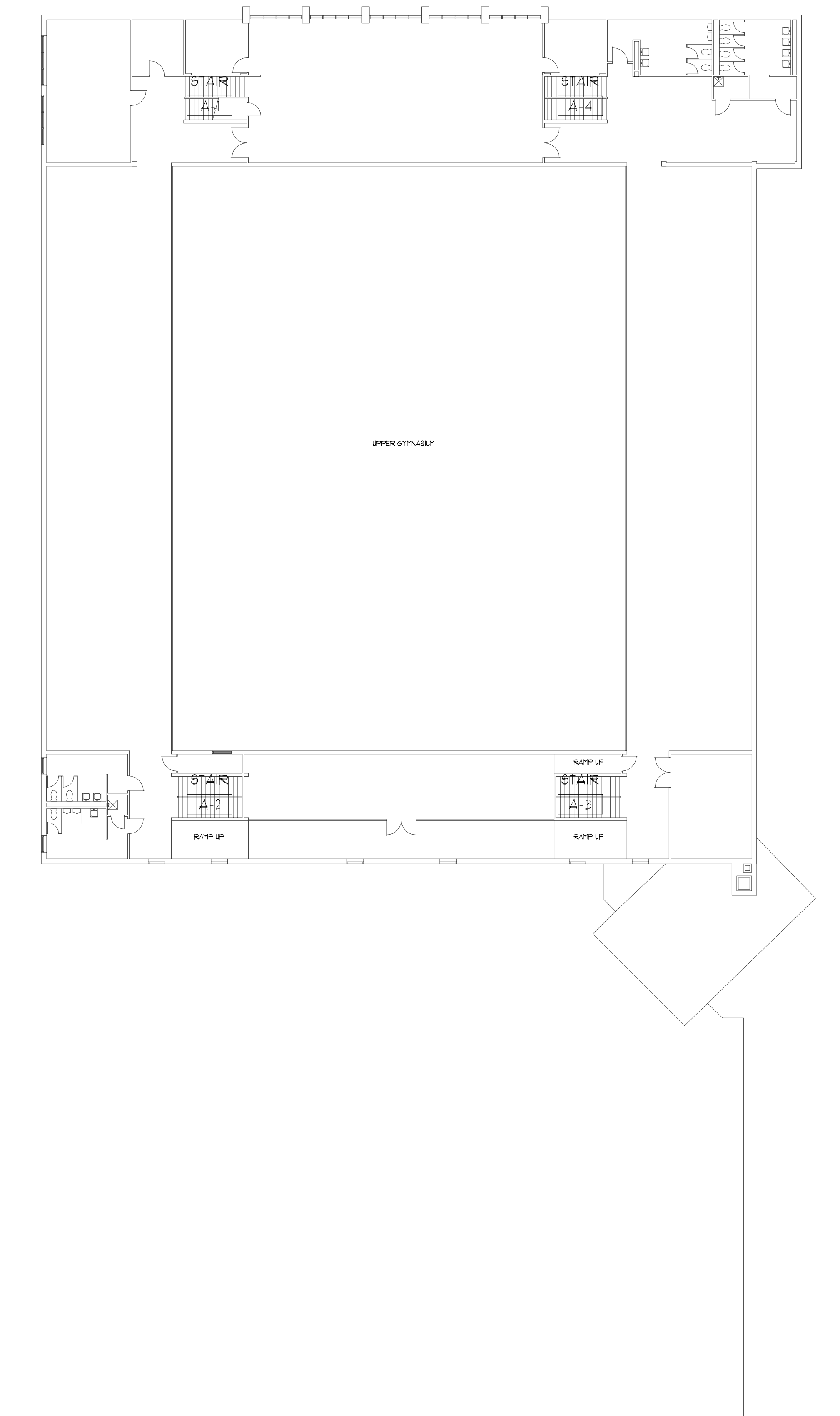


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		3
		4
ISSUED FOR BIDD.	01/02/00	5

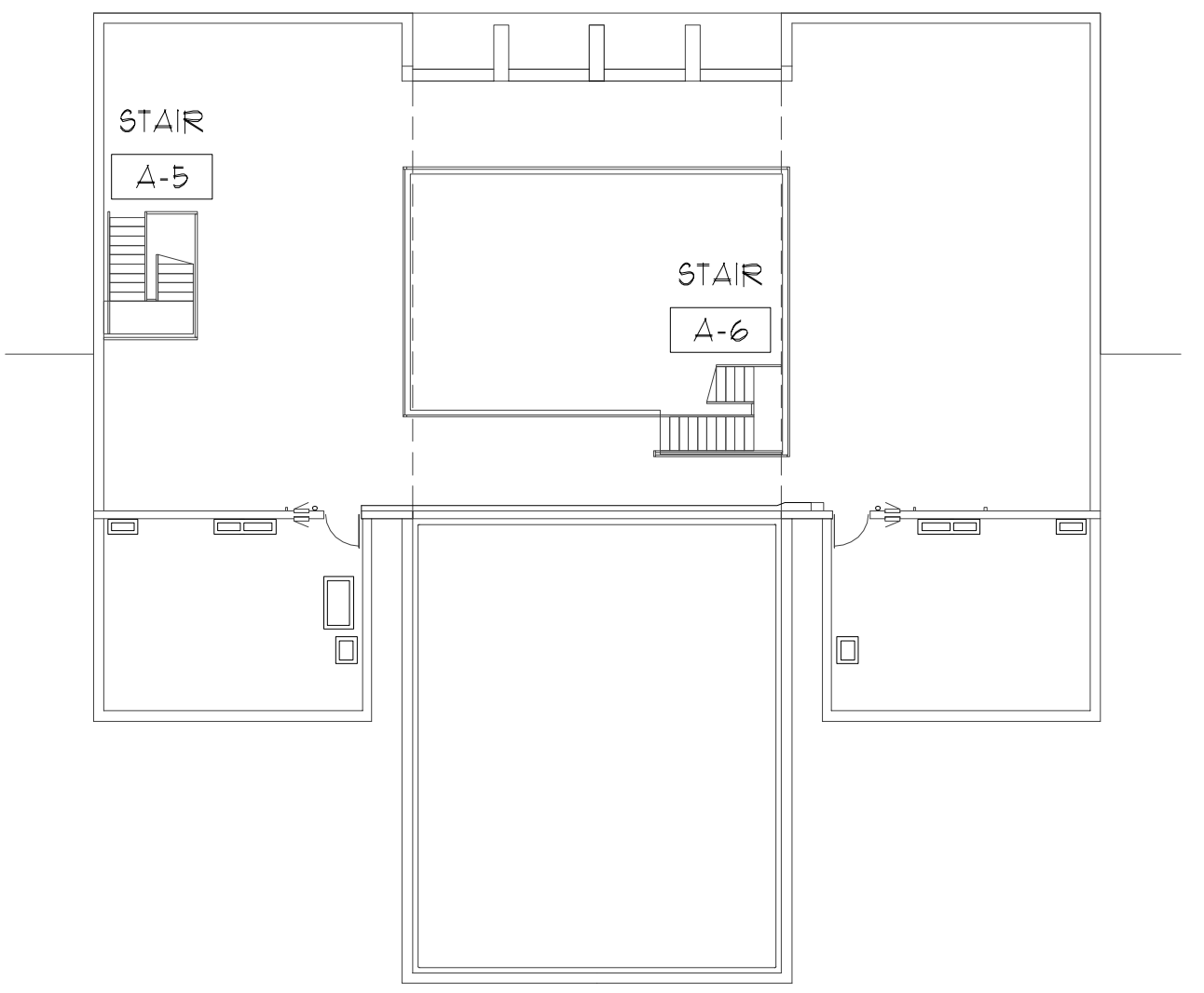




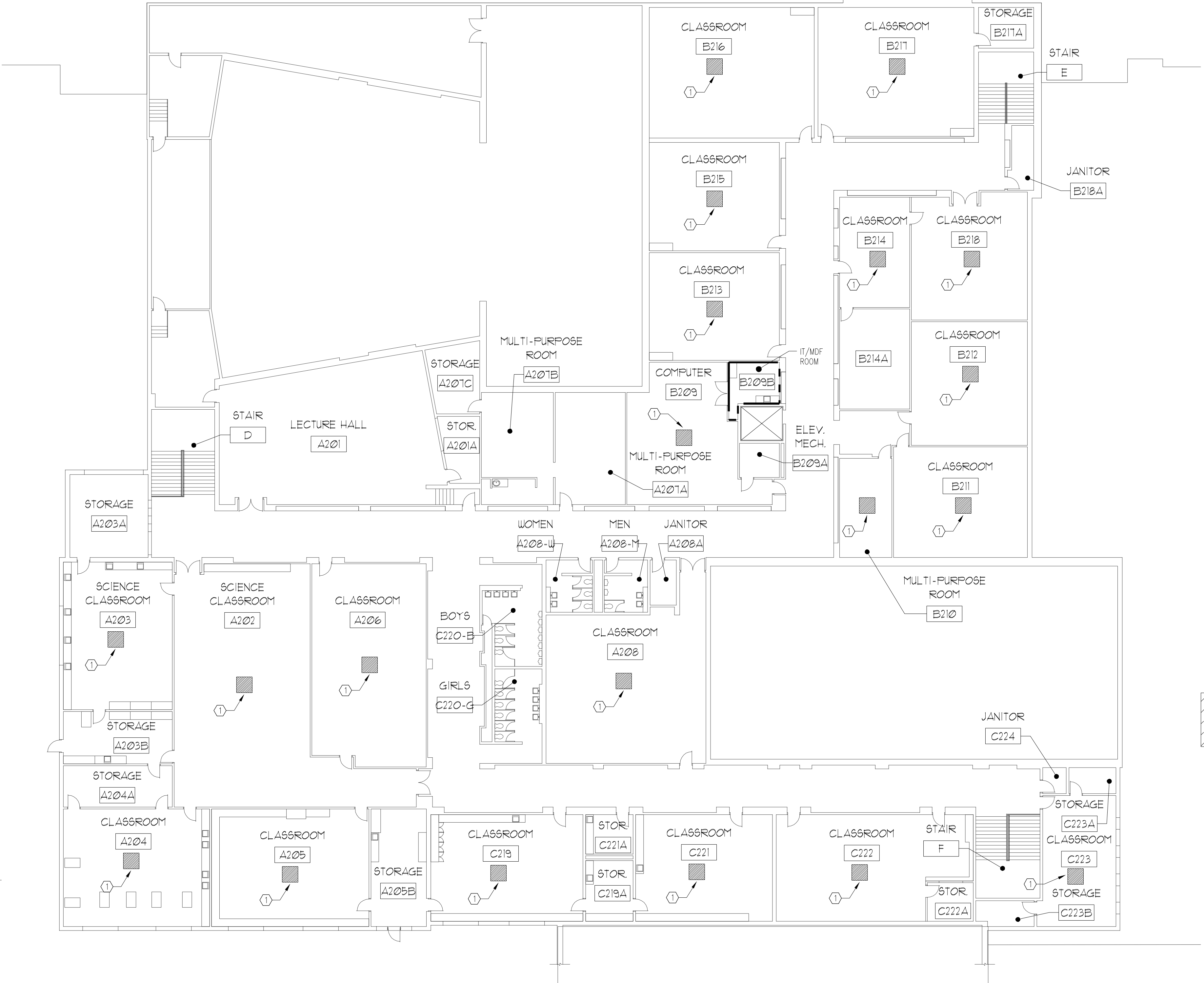
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1 SECOND FLOOR PLAN - ELECTRICAL  
1/16" = 1'-0"



2 SECOND FLOOR PLAN  
1/16" = 1'-0"



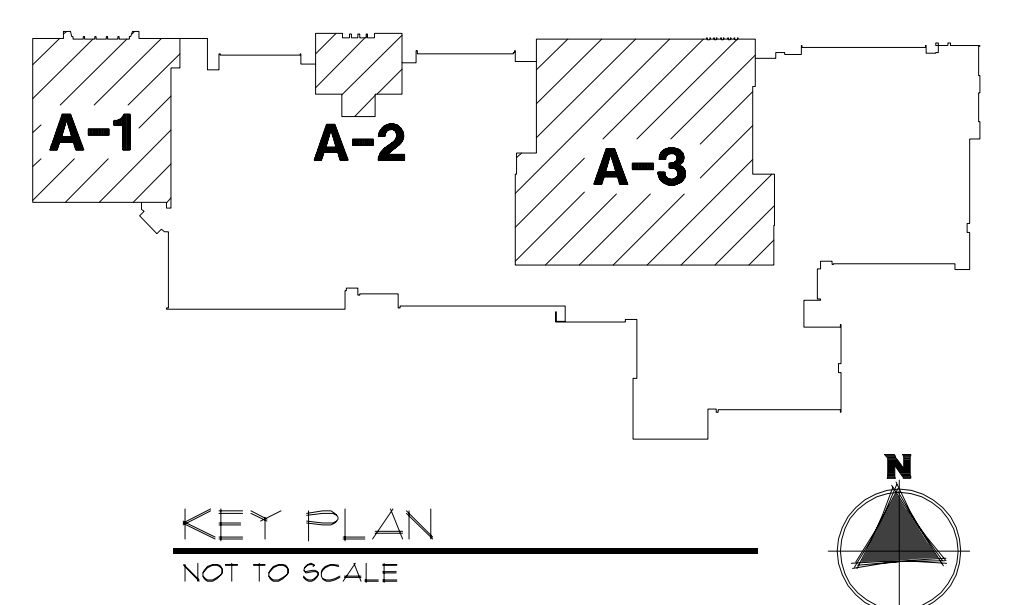
3 SECOND FLOOR PLAN  
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- ### GENERAL NOTES
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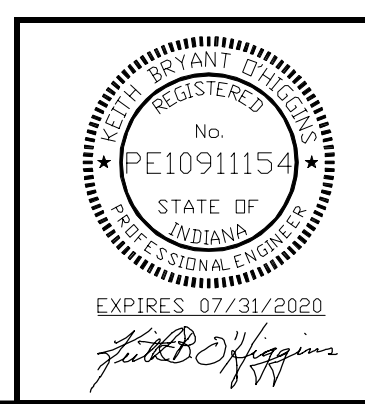
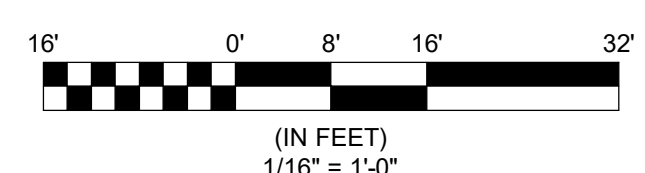
- ### KEYED NOTES:
- FURNISH AND INSTALL CAT 6 CABLE TERMINATION ABOVE CEILING IN CENTER OF CLASSROOM. CABLE TO HAVE +/- 8 FEET OF COILED CABLE ABOVE CEILING TO PROVIDE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAP. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / MDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.
  - FURNISH AND INSTALL CAT 6 CABLE TERMINATIONS ABOVE CEILING OR IN JOIST SPACE WHERE NO CEILINGS ARE PRESENT. CABLE TO HAVE +/- 8 FEET OF COILED CABLE ABOVE CEILING TO PROVIDE OWNER FLEXIBILITY FOR INSTALLATION OF FUTURE WAP. CABLE END SHALL HAVE AN RJ 45 CONNECTOR. AFTER CABLE HAS BEEN TESTED CONTRACTOR SHALL BAG AND SEAL THE CONNECTOR TO PROTECT IT FROM DIRT AND DAMAGE. NO CABLE RUN FROM CLASSROOM TO IDF / MDF ROOM SHALL EXCEED A TOTAL OF 295 FEET.

--- = IT/MDF ROOM LOCATION

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	CABLE TERMINATION LOCATION



KEY PLAN  
NOT TO SCALE



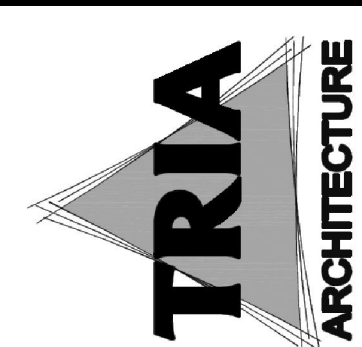
E1.20  
SET 4 OF 1

DUNELAND SCHOOL CORPORATION  
2020 LT. WIRING INSTALLATION AT:  
CHESTERTON MIDDLE SCHOOL  
651 WEST MORGAN AVENUE  
CHESTERTON, INDIANA 46304

REVISIONS  
PROJECT NUMBER: 19-11-5  
PROJECT MANAGER: CME LLC  
DRAWN BY: CME LLC  
CHECKED BY: CME LLC  
DATE: 01/10/2020  
SHEET FOR E.D. 01/10/2020  
SECOND FLOOR PLAN - MODULE A  
- ELECTRICAL



BALLY ELEMENTARY SCHOOL  
BRUMMITT ELEMENTARY SCHOOL  
CHESTERTON HIGH SCHOOL  
CHESTERTON MIDDLE SCHOOL  
JACKSON ELEMENTARY SCHOOL  
LIBERTY INTERMEDIATE SCHOOL  
YOST ELEMENTARY SCHOOL



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