

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.

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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: *ARI0800113

SET 3 OF 7 - DRAWING INDEX FOR CHESTERTON HIGH SCHOOL

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

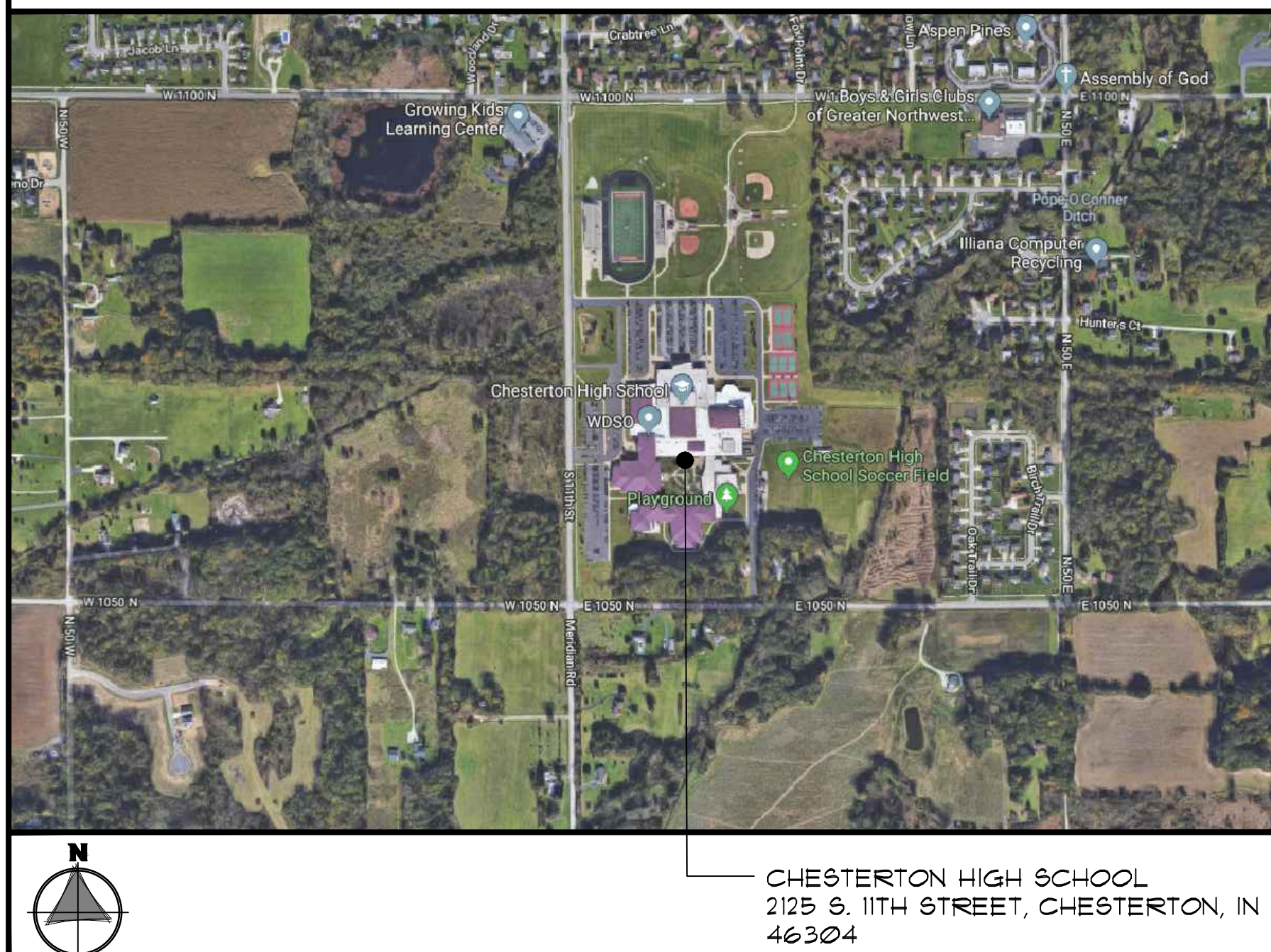
ELECTRICAL

E110A FIRST FLOOR PLAN - MODULE A - ELECTRICAL
E110B FIRST FLOOR PLAN - MODULE B - ELECTRICAL
E110C FIRST FLOOR PLAN - MODULE C - ELECTRICAL
E110D FIRST FLOOR PLAN - MODULE D - ELECTRICAL
E120 SECOND FLOOR PLAN - ELECTRICAL

SCHOOL BOARD

BOARD PRESIDENT	BRANDON KROFT
BOARD VICE PRESIDENT	KRISTIN KROEGER
BOARD SECRETARY	RONALD STONE
BOARD MEMBER	ALATNA LIGHTFOOT FOL
BOARD MEMBER	JOHN MARSHALL
SUPERINTENDENT	DR. CHIP PETTIT

SITE LOCATION MAP

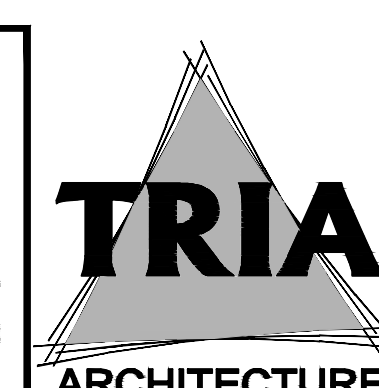
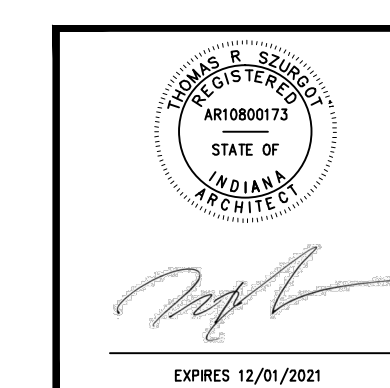


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JANUARY 13, 2020

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REVISIONS

T1.00

16' 0' 8' 16' 3'

(IN FEET)
1/16" = 1'-0"

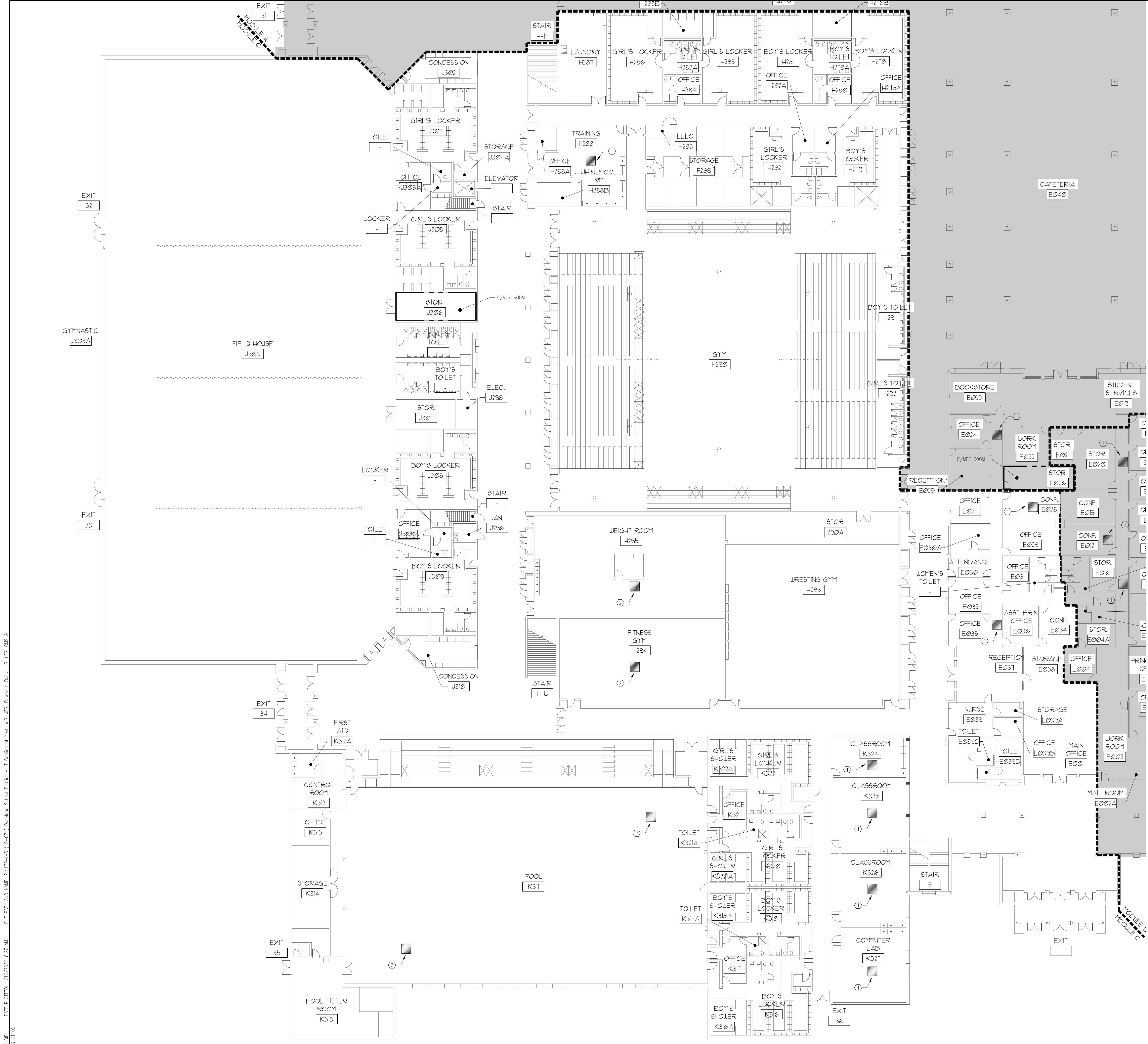
E1.10A

SET 3 OF 7

FILED BY: CARL
139-1-5

FIRST FLOOR PLAN - MODULE A - ELECTRICAL

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



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.

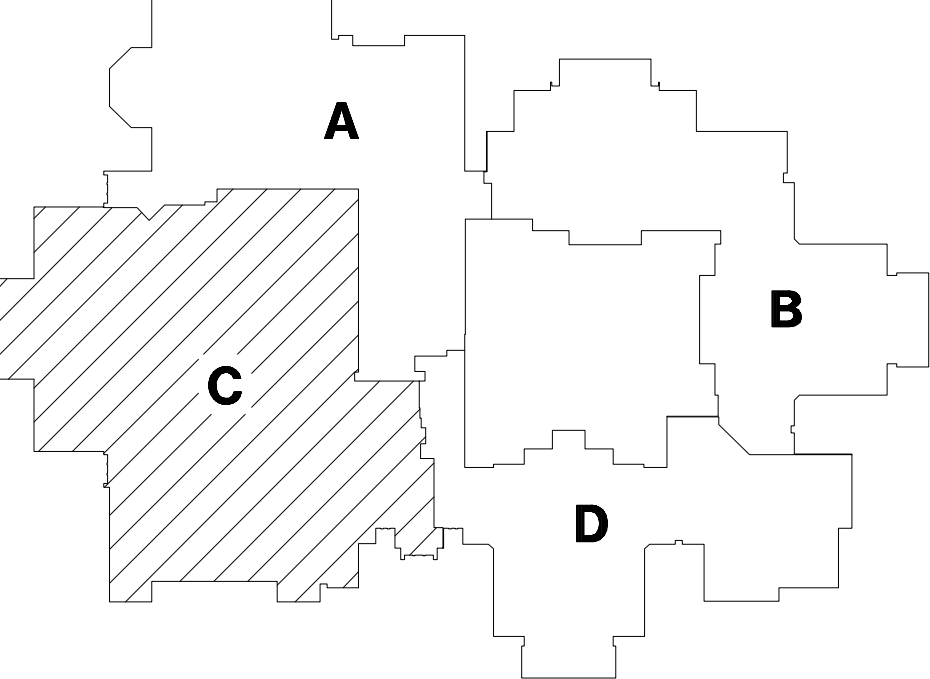
KEYED NOTES:

- 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.

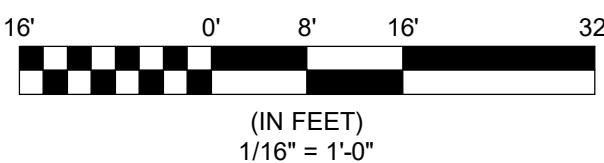
--- = IT/MDF ROOM LOCATION

SYMBOL LEGEND

SYMBOL	DESCRIPTION
■	CABLE TERMINATION LOCATION



KEY PLAN
NOT TO SCALE



PROJECT: 2020 L.T. WIRING INSTALLATION AT: DUNELAND SCHOOL CORPORATION
DATE: 07/24/2020
DRAWN BY: J. L. HARRIS
CHECKED BY: J. L. HARRIS
DATE PLOTTED: 7/10/2020 8:27 AM
FILE: 2020 L.T. WIRING INSTALLATION AT: DUNELAND SCHOOL CORPORATION - IT/MDR - ELEC - C
PLOT: 1/16\"/>

1 FIRST FLOOR PLAN - MODULE C - ELECTRICAL
1/16\"/>

TRIA
ARCHITECTURE

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PLOT: 1/16\"/>

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

DUNELAND SCHOOL CORPORATION
2020 L.T. WIRING INSTALLATION AT:
CHESTERTON HIGH SCHOOL
2125 SOUTH 11TH STREET
CHESTERTON, INDIANA 46304

DUNELAND SCHOOL CORPORATION

REVISIONS
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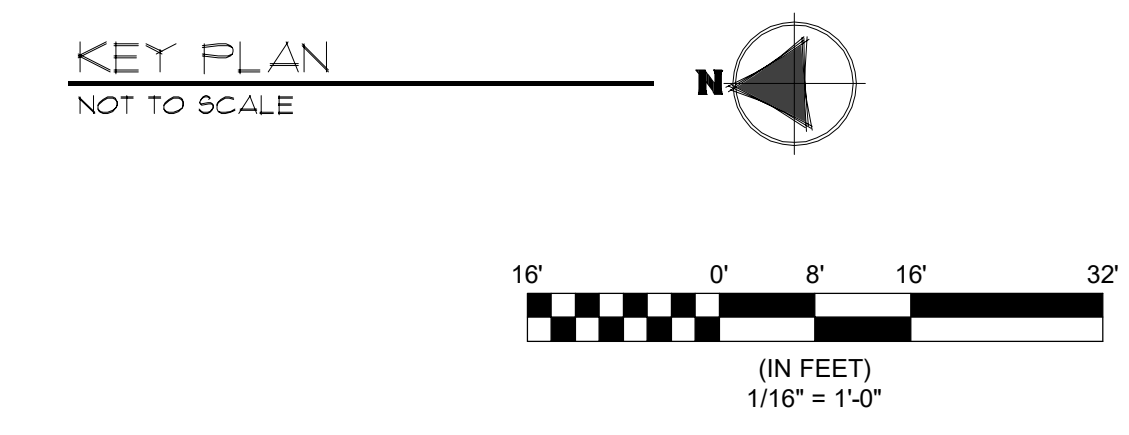
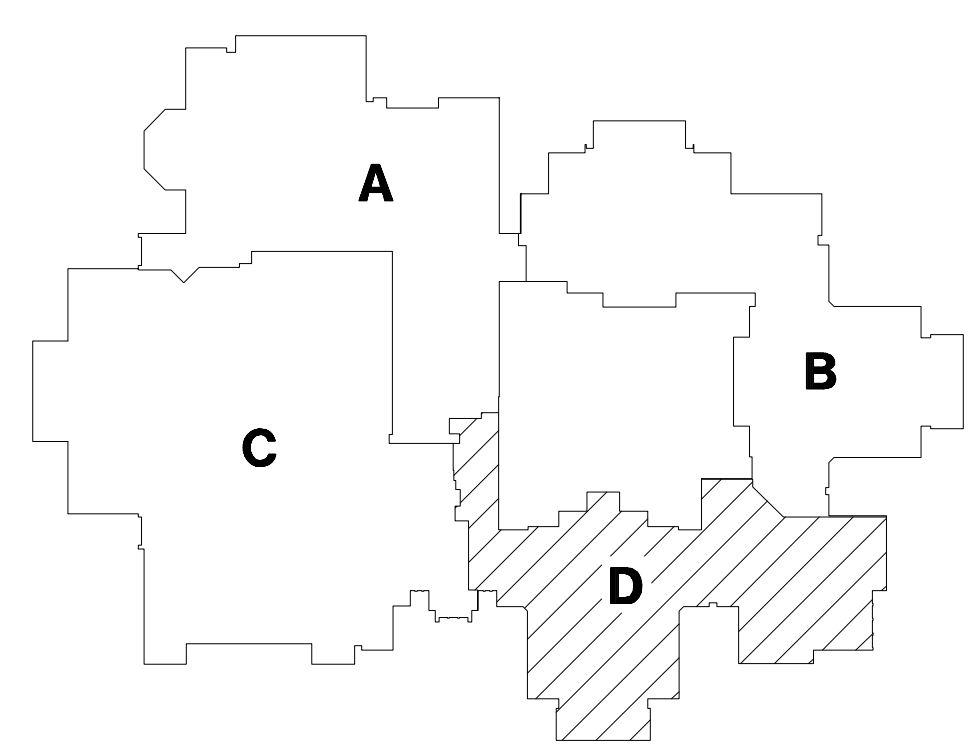


- ### GENERAL NOTES
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THE CABLING INSTALLATION WORK. DAMAGED TILES ARE TO BE REPLACED WITH TILES TO MATCH EXISTING AT NO COST TO THE OWNER.
 - ALL NEW REQUIRED OPENINGS INTO IDF / MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVE TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER INSTALLATION OF CABLING.
 - CUT AND PATCH ALL WALLS, CEILINGS, AND PATCH TO MATCH EXISTING.
 - CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS (SEE SPECIFICATION) REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE.
 - 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.
 - CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
 - ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
 - REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
 - SHORE OR BRACE ALL EXISTING CONSTRUCTION AND GRADE AS REQUIRED TO PERFORM DEMOLITION WORK.
 - 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.
 - 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.
 - PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
 - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
 - WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
 - THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.

- ### 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



1 FIRST FLOOR PLAN - MODULE D - ELECTRICAL
1/16" = 1'-0"

TRIA
ARCHITECTURE

PROJECT MANAGER: JAMES A. BURRITT, P.E.
DATE: 07/10/2020
PROJECT: 2020 L.T. WIRING INSTALLATION AT:
CHESTERTON HIGH SCHOOL
2125 SOUTH 11TH STREET
CHESTERTON, INDIANA 46304

REVISIONS:
1. 07/10/2020
2. 07/10/2020
3. 07/10/2020
4. 07/10/2020

PROJECT NUMBER: 2020 L.T. WIRING INSTALLATION AT:
CHESTERTON HIGH SCHOOL
2125 SOUTH 11TH STREET
CHESTERTON, INDIANA 46304

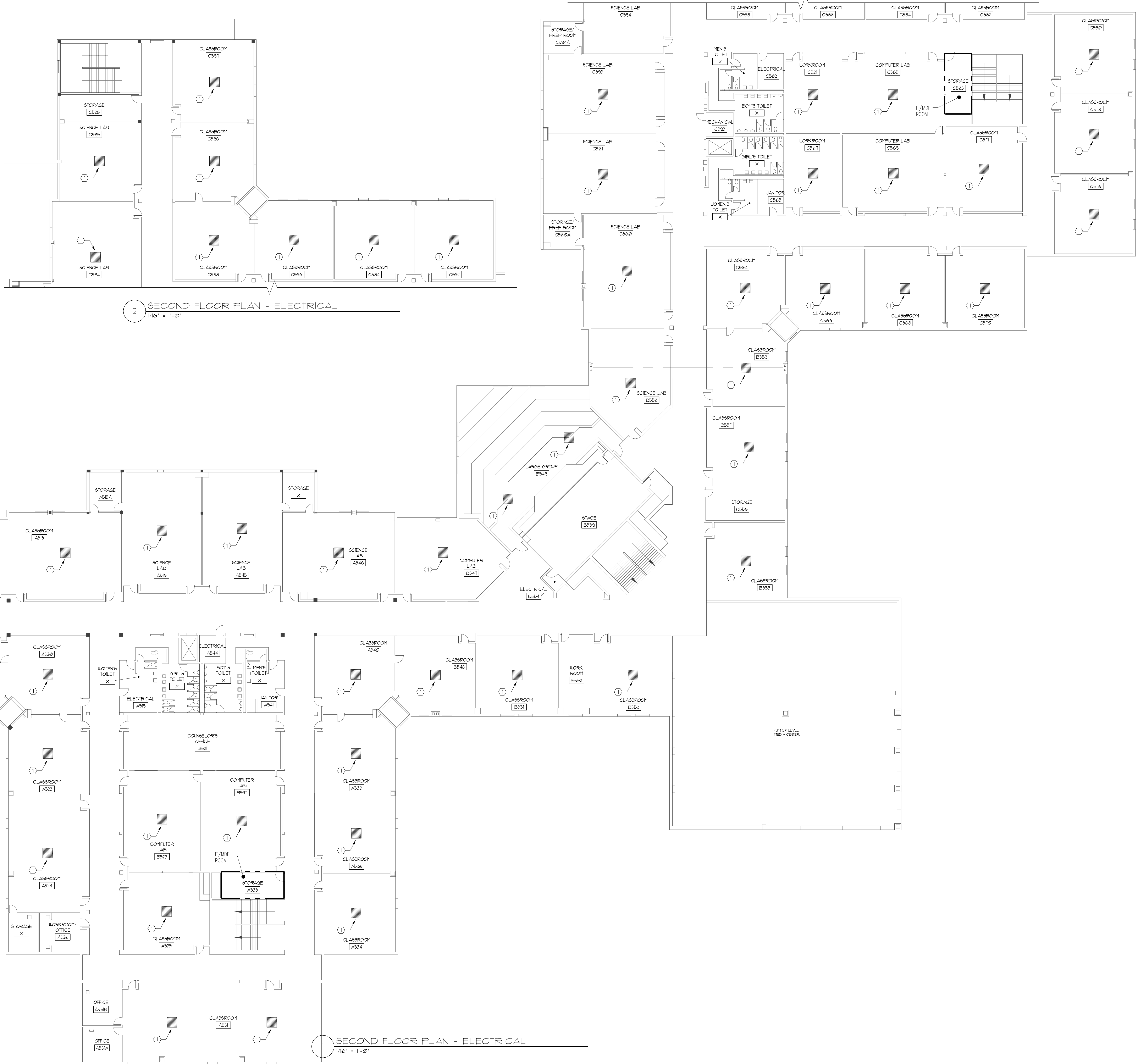
STATE OF INDIANA
No. PE1091115
EXPIRES: 07/31/2023
JAMES A. BURRITT, P.E.

E1.10D
SET 3 OF 1

FILE 2014 AND NAME: A-139-1-5 (13-072) Duneland School District - IT Cabling at West MS, JES, Brummitt, Bohn, US, LIS, CM & CDS\139-1-5 US E120

DATE PLOTTED: 1/10/2020 8:28 AM

PLotted By: CARL FUGLE



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

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

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.

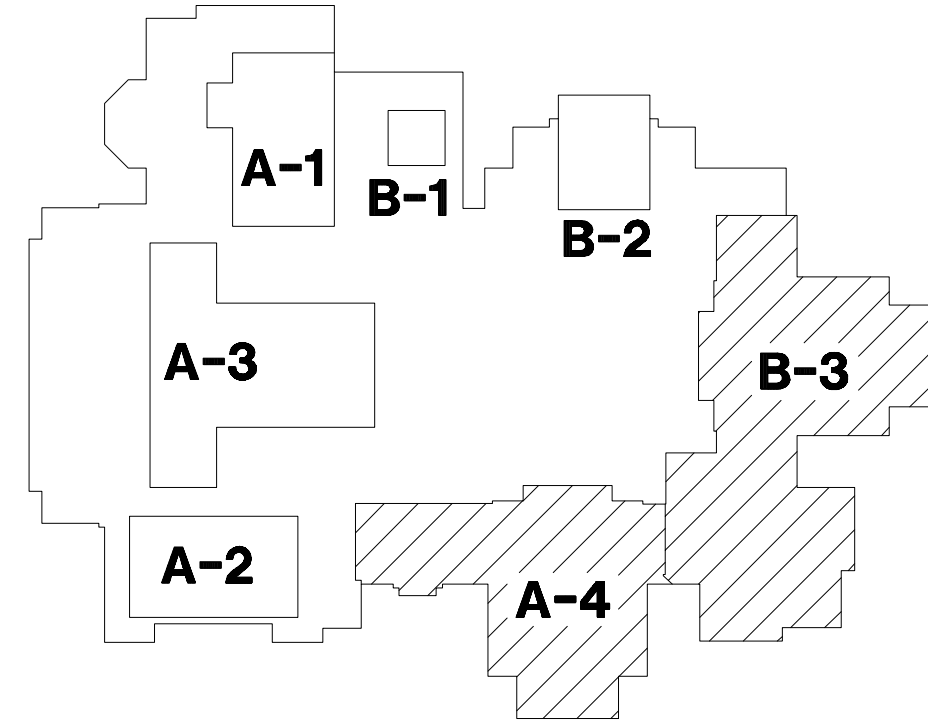
KEYED NOTES:

- 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.

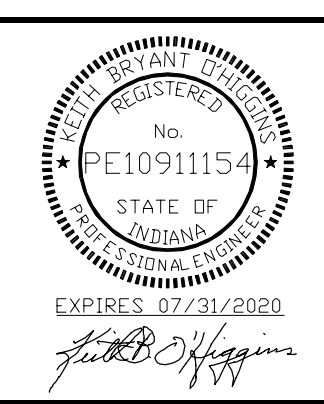
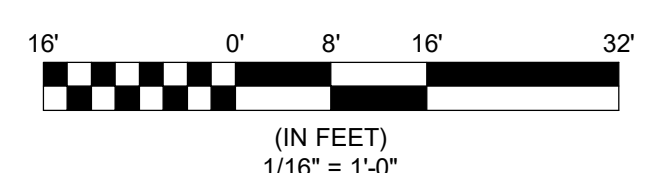
--- = IT / MDF ROOM LOCATION

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	CABLE TERMINATION LOCATION



KEY PLAN
NOT TO SCALE

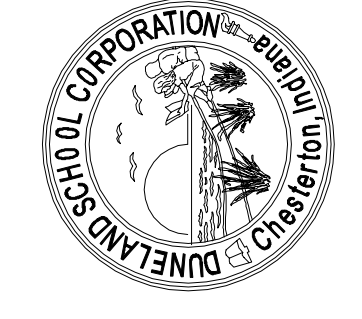


E1.20

SET 3 OF 1

DUNELAND SCHOOL CORPORATION
2020 I.T. WIRING INSTALLATION AT:
CHESTERTON HIGH SCHOOL
CHESTERTON MIDDLE SCHOOL
JACKSON ELEMENTARY SCHOOL
LIBERTY INTERMEDIATE SCHOOL
YOST ELEMENTARY SCHOOL
2125 SOUTH 11TH STREET
CHESTERTON, INDIANA 46304

PROJECT NUMBER	2020
PROJECT NAME	2020 I.T. WIRING
DATE BY	01/10/2020
DATE FOR BID	01/10/2020
DATE FOR PLAN	01/10/2020
DATE FOR ELECTRICAL	01/10/2020



REVISIONS

NO.	DATE	DESCRIPTION
1	01/10/2020	ISSUED FOR PERMIT
2	01/10/2020	ISSUED FOR BIDDING
3	01/10/2020	ISSUED FOR CONSTRUCTION

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



TRIA
ARCHITECTURE

