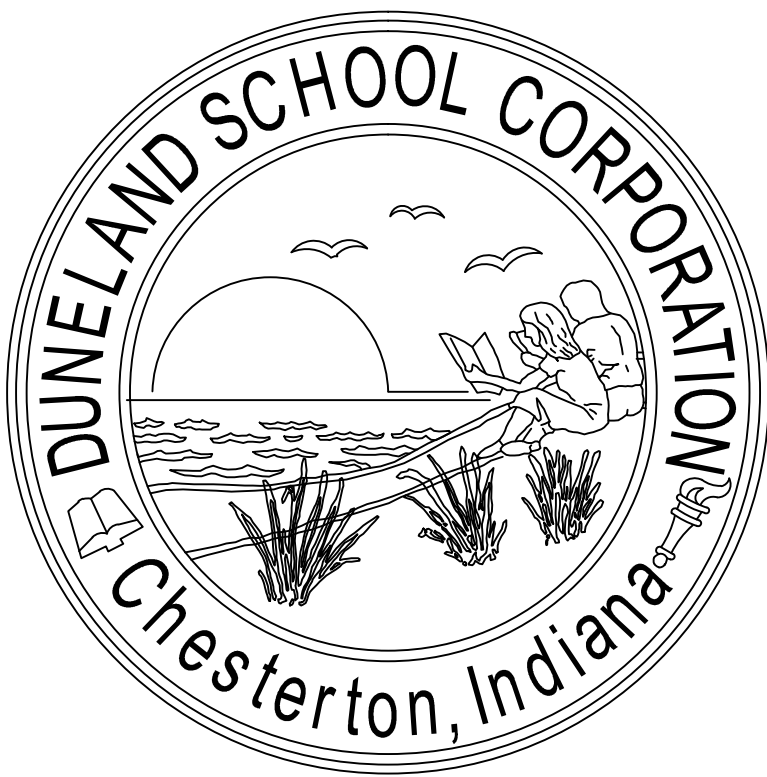




DUNELAND SCHOOL CORPORATION

2020 SECURITY CAMERA 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
WESTCHESTER INTERMEDIATE SCHOOL, 1050 S. 5TH STREET, CHESTERTON, IN 46304
LIBERTY ELEMENTARY SCHOOL, 50-1 W. 900 NORTH, CHESTERTON, IN 46304
YOST ELEMENTARY SCHOOL, 100 W. BEAM STREET, PORTER, IN 46304

TRIA PROJECT#: 19-073

ARCHITECT:

TRIA ARCHITECTURE, INC.

West Suburban Office: 901 McClintock Drive, Suite 100
Burr Ridge, Illinois 60527

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: *ARI0800113

SET 4 OF 9 - DRAWING INDEX FOR CHESTERTON MIDDLE SCHOOL

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

ARCHITECTURAL

A50.00 EXISTING SITE PLAN

A0.10 EXISTING FIRST FLOOR PLAN
A0.20 EXISTING SECOND FLOOR PLAN

ELECTRICAL

E110A FIRST FLOOR PLAN - MODULE A - ELECTRICAL
E110B FIRST FLOOR PLAN - MODULE B - ELECTRICAL
E110C FIRST FLOOR PLAN - MODULE C - ELECTRICAL

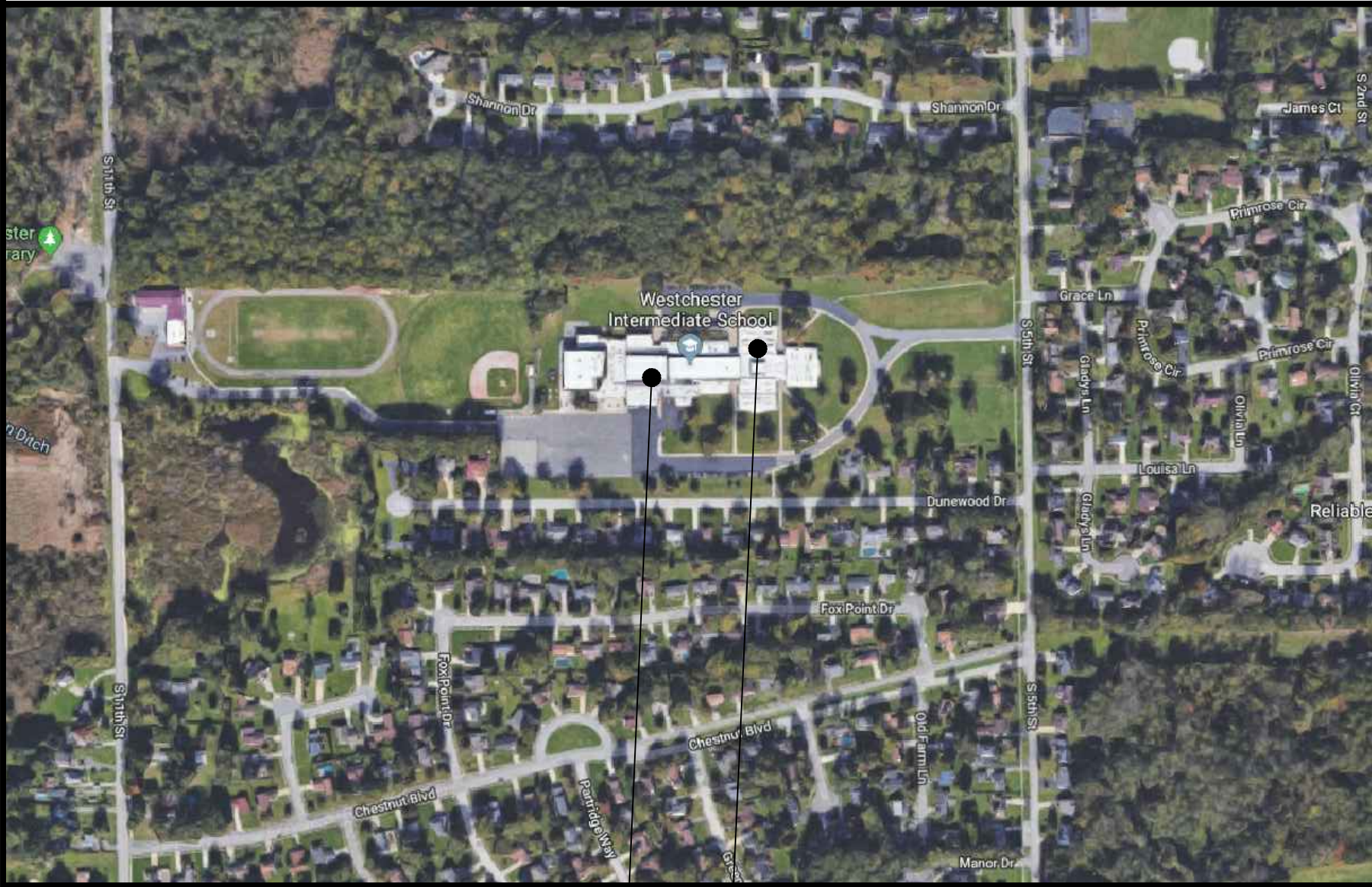
E120A SECOND FLOOR PLAN - MODULE A - ELECTRICAL

E2.10 SCHEDULES - 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



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

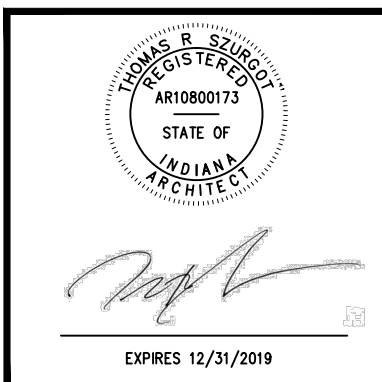
ADMINISTRATION CENTER /
DISTRICT OFFICE
601 WEST MORGAN AVE.

ISSUED FOR BID:

DECEMBER 20, 2019

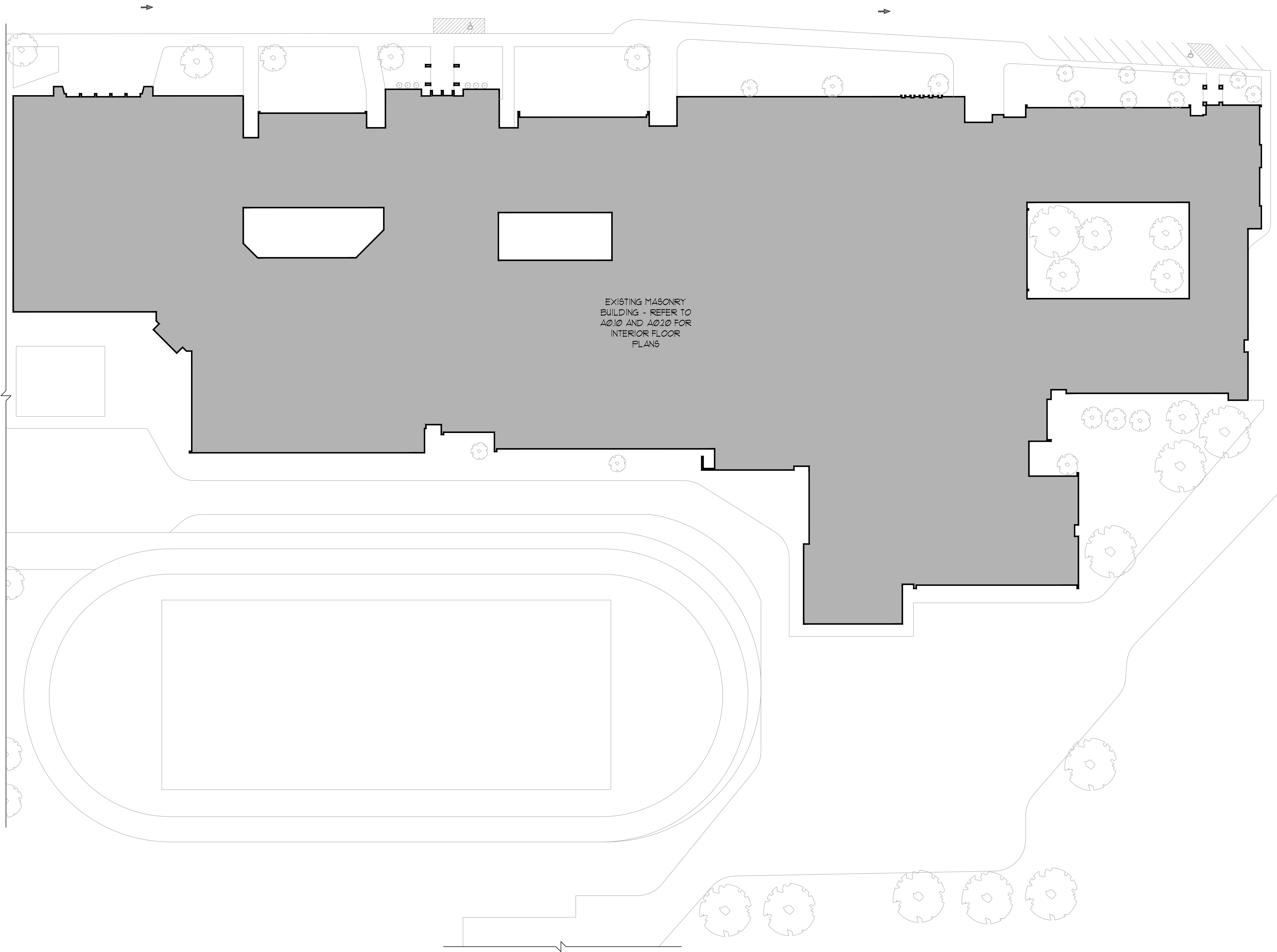
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REVISIONS

T1.00



EXISTING SITE PLAN
GENERAL NOTES

1. FIELD VERIFY ALL EXISTING CONDITIONS. IN THE EVENT THAT AN ITEM NOT SHOWN ON THE DRAWINGS CONFLICTS WITH WORK UNDER THIS CONTRACT, CONTACT THE ARCHITECT PRIOR TO REMOVAL OF THAT ITEM. ITEMS SHOWN ARE INDICATED TO GIVE A GENERAL SCOPE OF WORK. ANY ITEMS REQUIRING REMOVAL/DEMOLITION TO PROPERLY PERFORM CONTRACT WORK BUT NOT SPECIFICALLY SHOWN, SHALL BE REMOVED BY THE CONTRACTOR AT NO ADDITIONAL COST, PROVIDING THE CONDITION WAS VISIBLE DURING BIDDING.
2. SHORE OR BRACE ALL EXISTING CONSTRUCTION AND GRADE AS REQUIRED TO PERFORM DEMOLITION WORK.
3. 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 EQUIPMENT AND ADJACENT WORK NOT SCHEDULED TO BE REMOVED FROM DAMAGE DURING CONSTRUCTION. ANY DAMAGED EQUIPMENT OR ADJACENT SURFACES INCLUDING GRASS AND LANDSCAPING SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO OWNER.
4. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.



TRIA CONSULTANT
PROJECT NO. 15-013

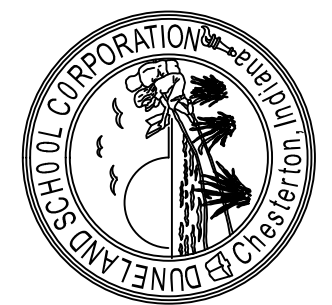
DATE: 12/21/2019



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

DUNELAND SCHOOL CORPORATION AT:
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

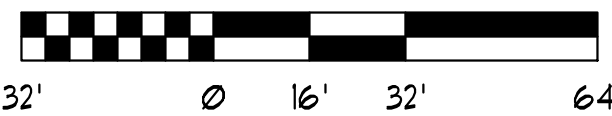
PROJECT NUMBER	15-013	REVISIONS
PROJECT MANAGER	PLS	1
DRAWN BY	GT	1
ISSUED FOR BIDDING	12/21/2019	1
EXISTING SITE PLAN		

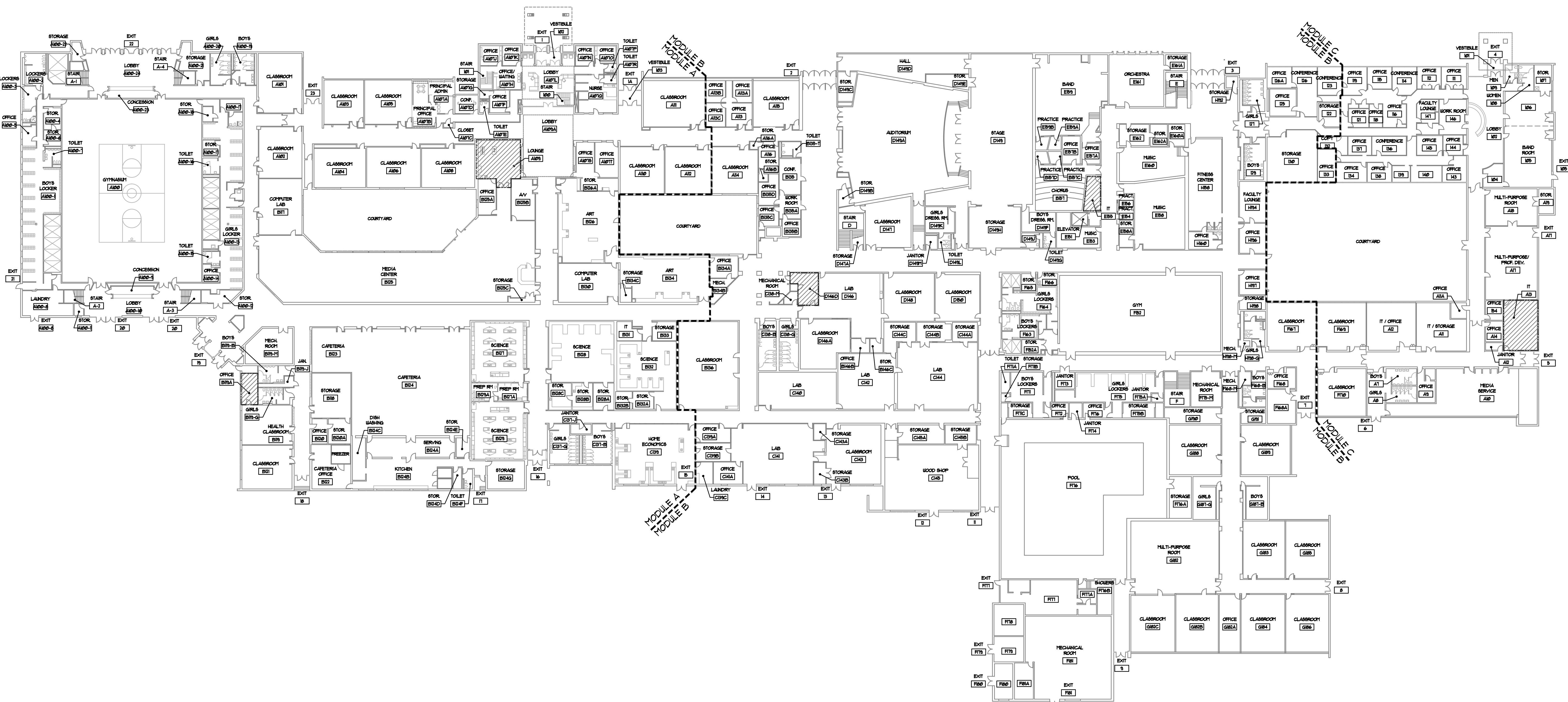


12/21/2019

AS0.00

SHEET 4 OF 9

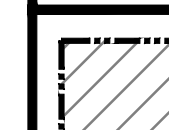




FLOOR PLAN GENERAL NOTES

1. 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.
2. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
3. ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
4. REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
5. 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.
6. PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
7. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
9. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.
10. CEILING TILES AND GYPSUM CEILING TO BE REMOVED AND REINSTALLED TO MATCH EXISTING ADJACENT AS REQUIRED TO PROVIDE WORK INDICATED.

LEGEND

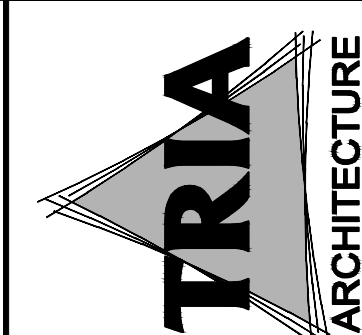
 HATCH INDICATES 'NETWORK ROOMS'

DUNELAND SCHOOL CORPORATION
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

PROJECT NUMBER: 15-213
PROJECT MANAGER: JTS
DESIGN BY: GT
ISSUED FOR BIDDING: 12/21/2019
EXISTING FIRST FLOOR PLAN



A0.10
SET 4 OF 9

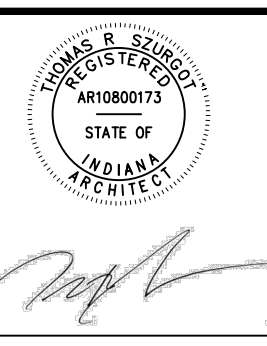
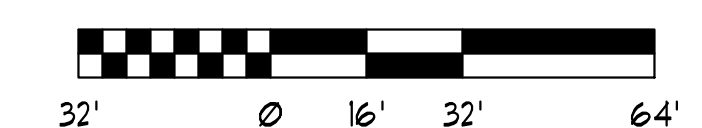


TRIA ARCHITECTURE
11000 N. 100th Ave., Suite 1000
Chicago, IL 60655



BALLY ELEMENTARY SCHOOL
BRIMMITT ELEMENTARY SCHOOL
CHESTERTON HIGH SCHOOL
CHESTERTON MIDDLE SCHOOL
JACKSON ELEMENTARY SCHOOL
LIBERTY INTERMEDIATE SCHOOL
WESTCHESTER INTERMEDIATE SCHOOL
WESTCHESTER ELEMENTARY SCHOOL
YOST ELEMENTARY SCHOOL

1. 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.
2. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS PRIOR TO BEGINNING WORK ON ANY CEILING SCHEDULED TO RECEIVE WORK.
3. ALL CONTRACTORS SHALL REPORT ALL DISCREPANCIES OR DIMENSIONAL QUESTIONS TO THE ATTENTION OF THE ARCHITECT PRIOR TO INSTALLATION.
4. REFER TO PROJECT MANUAL FOR PRODUCTS, MATERIALS, PROCEDURES AND ADDITIONAL INFORMATION NOT COVERED IN DRAWINGS.
5. 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.
6. PATCH EXISTING CONSTRUCTION AT ALL LOCATIONS OF ITEMS SCHEDULED TO BE REMOVED. FINISH TO MATCH ADJACENT SURFACES IN MATERIAL AND TEXTURE.
7. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. WHERE POSSIBLE - RUN NEW ELECTRICAL WORK INSIDE WALL AND CEILING CONSTRUCTION (NEW AND EXISTING) - PATCH CONSTRUCTION AS REQUIRED TO PROVIDE WORK INDICATED.
9. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.
10. CEILING TILES AND GYPSUM CEILING TO BE REMOVED AND REINSTALLED TO MATCH EXISTING ADJACENT AS REQUIRED TO PROVIDE WORK INDICATED.

 HATCH INDICATES "NETWORK ROOMS"

SET 4 OF 9

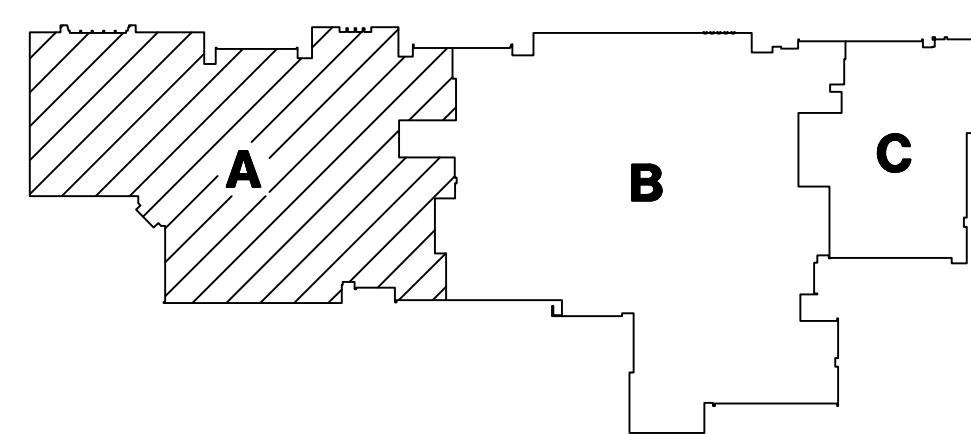
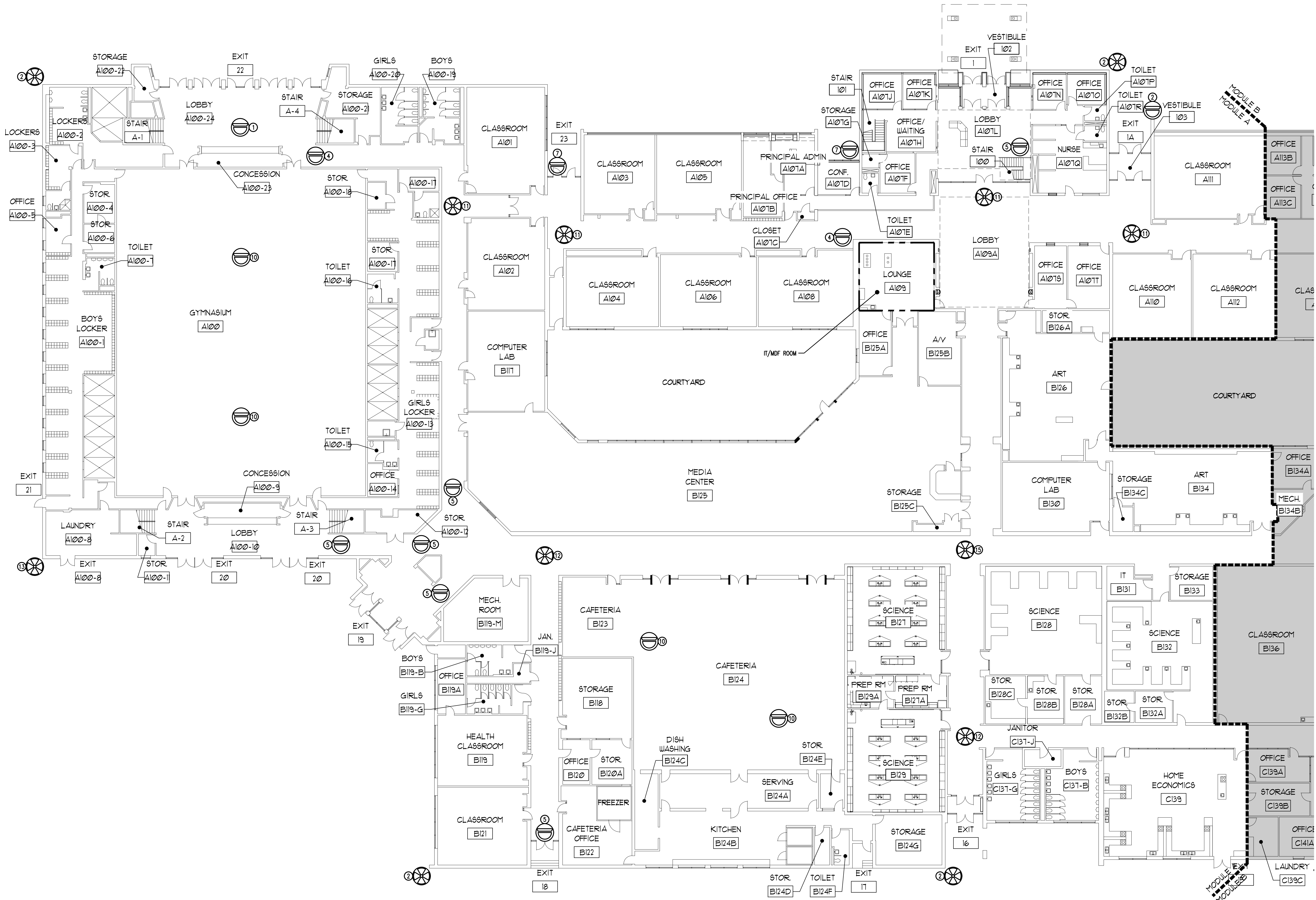
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PROJECT MANAGER	MG
DRAWN BY:	GM
ISSUED FOR BID:	01/02/2019

EXISTING SECOND FLOOR PLAN



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



KEY PLAN
NOT TO SCALE

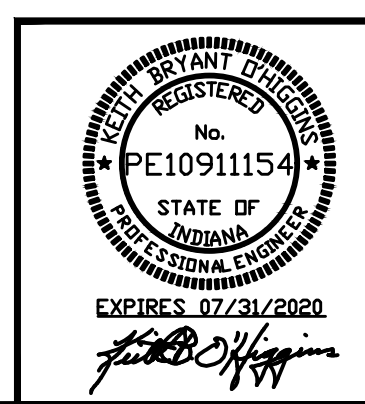
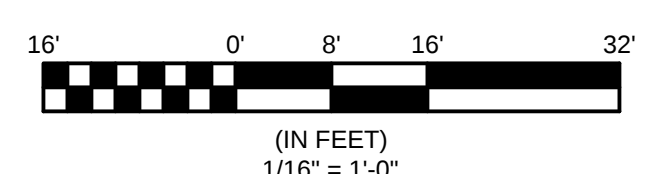
SECURITY CAMERAS	
SYMBOL	DESCRIPTION
	SINGLE CAMERA
	MULTI CAMERA
	BULLET TYPE
	VIDEO INTERCOM

SECURITY CAMERA DESCRIPTION		
SYMBOL	PART #	DESCRIPTION
1		REPURPOSE - AXIS FISHEYE (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
2		EXISTING - AXIS FISHEYE/MULTI (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
3	2.0C-HSSL-01-R	NEW - 2.0 MP, WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, 3-8MM F/1.4, INTEGRATED IR
4	3.0C-HAM-01-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 2.8MM F/1.2, INTEGRATED IR
5	3.0C-HSSL-01-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8MM F/1.4, INTEGRATED IR
6	4.0C-HSA-001-R	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS
7	4.0C-HSA-02	NEW - 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
8	5.0C-HSSL-01-R	NEW - 5.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8MM F/1.4, INTEGRATED IR
9	6.0L-HAF-001-R	NEW - 6.0 MP, FISHEYE CAMERA, LIGHTCATCHER, DAY/NIGHT, 1.45MM F/2.2, INTEGRATED IR
10	12.0-HAF-001-R	NEW - 12MP FISHEYE, 1.44MM, F/2.2, INTEGRATED IR, DAY/NIGHT
11	9C-HAA-3MH-180	NEW - 3X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
12	15C-HAA-3MH-180	NEW - 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
13	24C-HAA-3MH-270	NEW - 3X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
14	12C-HAA-4MH-360	NEW - 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
15	20C-HAA-4MH-360	NEW - 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
16	24C-HAA-3MH-360	NEW - 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
17	24C-HAA-3MH-180	NEW - 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
18	4.0C-HSA-801-R	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS; H4-B0-JBOX1 BACKDOOR NEEDED
19	3.0C-HAV-R01-R	NEW - 3MP HA VIDEO INTERCOM, WDR, LIGHTCATCHER, IR, 1.83MM F2.4
20	3.0C-HSSL-001-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOME, 3-8MM F/1.4, INTEGRATED IR

- GENERAL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THEIR INSTALLATION WORK.
 - ALL WALL MOUNTED CAMERAS ARE TO BE MOUNTED ON SURFACE MOUNTED BOXES FED BY SURFACE MOUNTED RACEWAY. COLOR OF RACEWAY TO BE DETERMINED BY ARCHITECT.
 - ALL NEW REQUIRED WALL OPENINGS INTO IDF/MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVES TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER CABLE INSTALLATION IS COMPLETE.
 - CUT AND PATCH ALL WALLS AND CEILINGS TO MATCH EXISTING.
 - EXTERIOR WALL PENETRATIONS SHALL BE SLEEVED AND CAULKED/SEALED WEATHER TIGHT.
 - CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS AND SWITCHES REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE(S).
 - ALL CABLEING TO BE INSTALLED ABOVE CEILING WHERE POSSIBLE.
 - ALL CAMERA MOUNTING HEIGHTS TO BE DETERMINED BY CAMERA SUPPLIER AND COORDINATED WITH INSTALLING CONTRACTOR.

BIDDING NOTES

THE AUTHORIZED DEALER/INSTALLER OF THE SECURITY VIDEO SURVEILLANCE SYSTEM IS RESPONSIBLE FOR THE ENGINEERING DESIGN OF THE SYSTEM INCLUDING ALL CAMERAS, CAMERA LOCATIONS AND COVERAGE, CABLEING, VIDEO EQUIPMENT, PATCH PANELS, AND SWITCHES. THE PLACEMENT OF THESE CAMERAS ON THESE DRAWINGS ARE DIAGNOSTIC FOR BIDDING PURPOSES ONLY TO CONVEY THE OWNERS VIDEO SURVEILLANCE CRITERIA. CONTRACTOR IS TO REFER TO THE "COLORIZED" CAMERA LOCATION/COVERAGE DRAWINGS IN THE SPECIFICATION FOR THE COVERAGE THAT THE OWNER REQUIRES. CONTRACTOR IS TO REFER TO THE SCHEDULE SHEET(S) (E2.10) FOR ADDITIONAL INFORMATION.



DUNELAND SCHOOL CORPORATION
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

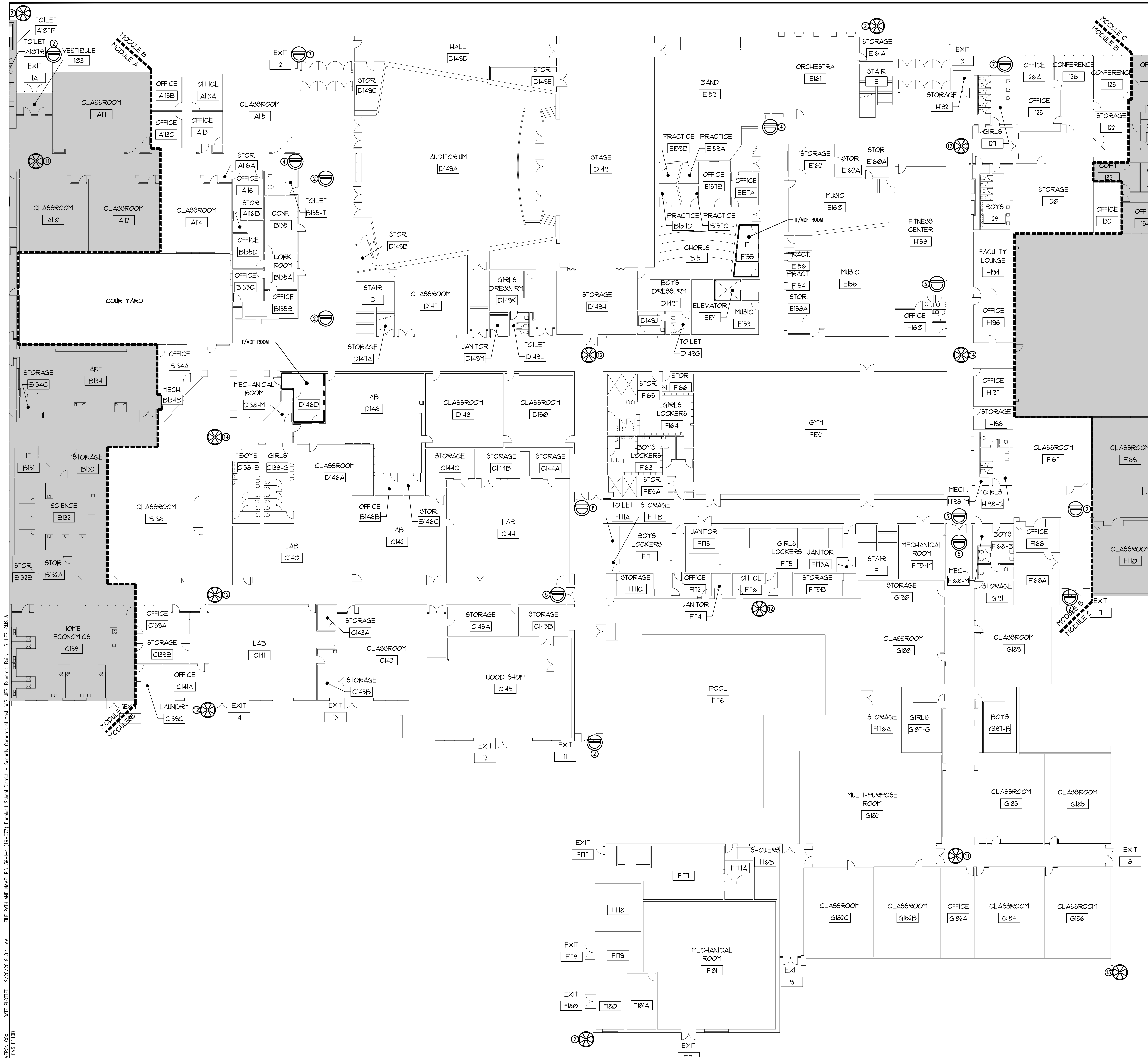
REVISIONS:
PROJECT NUMBER: 19-073
PROJECT NAME: CHESTERTON MIDDLE SCHOOL
DRAWN BY: CAMERON COX
CHECKED BY: CAMERON COX
DATE: 12/20/2019
SHEET: 4 OF 9
FIRST FLOOR PLAN - MODULE A
ELECTRICAL

TRIA
ARCHITECTURE

TRIA
ARCHITECTURE
11000 N. IRLAND AVE., SUITE 100
INDIANAPOLIS, IN 46260
(317) 555-1100
www.triaarch.com

MEP/FF CONSULTANT
(P) 190930306
IDAS
INDIANA DESIGN ASSOCIATES
11000 N. IRLAND AVE., SUITE 100
INDIANAPOLIS, IN 46260
(317) 555-1100
www.idasinc.com

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



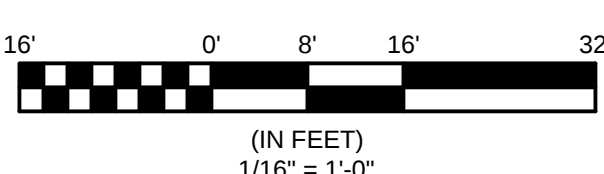
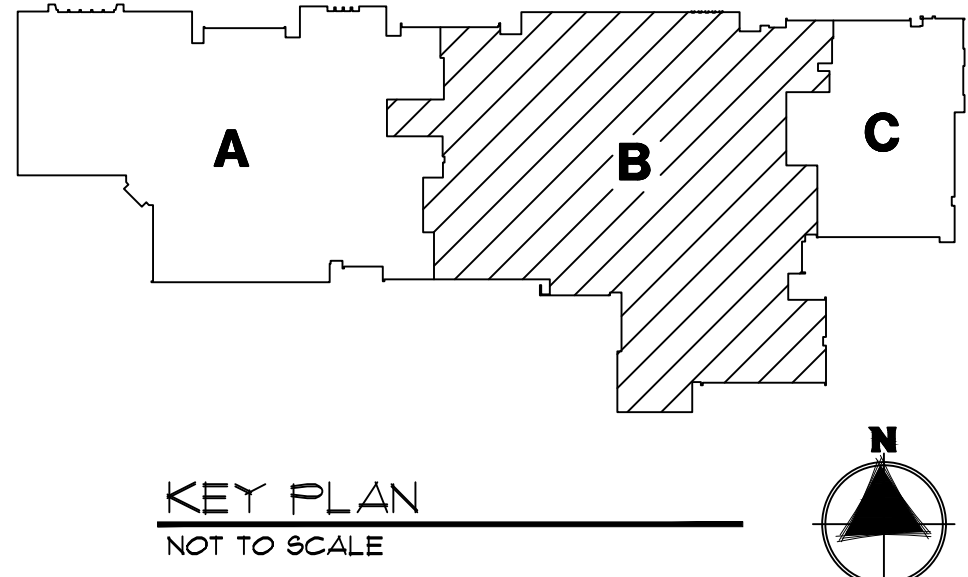
SECURITY CAMERAS	
SYMBOL	DESCRIPTION
	SINGLE CAMERA
	MULTI CAMERA
	BULLET TYPE
	VIDEO INTERCOM

SECURITY CAMERA DESCRIPTION		
SYMBOL	PART #	DESCRIPTION
1		REPURPOSE - AXIS FISHEYE (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
2		EXISTING - AXIS FISHEYE/MULTI (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
3	2.0C-HSSL-01-IR	NEW - 2.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8MM F/1.4, INTEGRATED IR
4	3.0C-HAM-01-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 2.8MM F/1.2, INTEGRATED IR
5	3.0C-HSSL-01-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8MM F/1.4, INTEGRATED IR
6	4.0C-HSA-001-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS
7	4.0C-HSA-02	NEW - 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
8	5.0C-HSSL-01-IR	NEW - 5.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8MM F/1.6, INTEGRATED IR
9	6.0L-HAF-001-IR	NEW - 6.0 MP, FISHEYE CAMERA, LIGHTCATCHER, DAY/NIGHT, 1.45MM F/2.2, INTEGRATED IR
10	12.0L-HAF-001-IR	NEW - 12MP FISHEYE, 1.44MM, F/2.2, INTEGRATED IR, DAY/NIGHT
11	9C-HAA-3MH-180	NEW - 3X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
12	15C-HAA-3MH-180	NEW - 5X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
13	24C-HAA-3MH-270	NEW - 3X 6MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
14	12C-HAA-4MH-360	NEW - 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
15	20C-HAA-4MH-360	NEW - 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
16	24C-HAA-3MH-360	NEW - 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
17	24C-HAA-3MH-180	NEW - 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
18	4.0C-HSA-801-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS; H4-B0-JB0X1 BACKDOOR NEEDED
19	3.0C-HAV-R01-IR	NEW - 3MP HA VIDEO INTERCOM, WDR, LIGHTCATCHER, IR, 1.83MM F2.4
20	3.0C-HSSL-001-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOME, 3-8MM F/1.4, INTEGRATED IR

- GENERAL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THEIR INSTALLATION WORK.
 - ALL WALL MOUNTED CAMERAS ARE TO BE MOUNTED ON SURFACE MOUNTED BOXES FED BY SURFACE MOUNTED RACEWAY. COLOR OF RACEWAY TO BE DETERMINED BY ARCHITECT.
 - ALL NEW REQUIRED WALL OPENINGS INTO IDF/MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVES TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER CABLE INSTALLATION IS COMPLETE.
 - CUT AND PATCH ALL WALLS AND CEILINGS TO MATCH EXISTING.
 - EXTERIOR WALL PENETRATIONS SHALL BE SLEEVED AND CAULKED/SEALED WEATHER TIGHT.
 - CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS AND SWITCHES REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE(S).
 - ALL CABLEING TO BE INSTALLED ABOVE CEILING WHERE POSSIBLE.
 - ALL CAMERA MOUNTING HEIGHTS TO BE DETERMINED BY CAMERA SUPPLIER AND COORDINATED WITH INSTALLING CONTRACTOR.

BIDDING NOTES

THE AUTHORIZED DEALER/INSTALLER OF THE SECURITY VIDEO SURVEILLANCE SYSTEM IS RESPONSIBLE FOR THE ENGINEERING DESIGN OF THE SYSTEM INCLUDING ALL CAMERAS, CAMERA LOCATIONS AND COVERAGE, CABLEING, VIDEO EQUIPMENT, PATCH PANELS, AND SWITCHES. THE PLACEMENT OF THESE CAMERAS ON THESE DRAWINGS ARE DIAGNOSTIC FOR BIDDING PURPOSES ONLY TO CONVEY THE OWNERS VIDEO SURVEILLANCE CRITERIA. CONTRACTOR IS TO REFER TO THE "COLORIZED" CAMERA LOCATION/COVERAGE DRAWINGS IN THE SPECIFICATION FOR THE COVERAGE THAT THE OWNER REQUIRES. CONTRACTOR IS TO REFER TO THE SCHEDULE SHEET(S) (E2.10) FOR ADDITIONAL INFORMATION.



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

PLOTTED BY: CAMERON COX DATE PLOTTED: 12/20/2019 8:47 AM
C:\S\1109-14\03 E10B

TRIA
ARCHITECTURE

PROJECT NUMBER: 1109-14
PROJECT NAME: 1109-14
SHEET: E1.10B

REVISIONS:
1. 12/20/2019
2. 12/20/2019
3. 12/20/2019

DUNELAND SCHOOL CORPORATION
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

STATE OF INDIANA
EXPIRES: 07/31/2020
Professional Engineer
No. PE10911154

E1.10B
SET 4 OF 9

DATE PLOTTED: 12/20/2019 8:47 AM FILE PATH AND NAME: P:\139-1-4 (19-073) Duneland School District - Security Cameras at Vest. MS. 453, Brunmitt, Bldg. U.S. LES. 005 & 005\139-1-4

PLOTTED BY: CAMERON COX

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



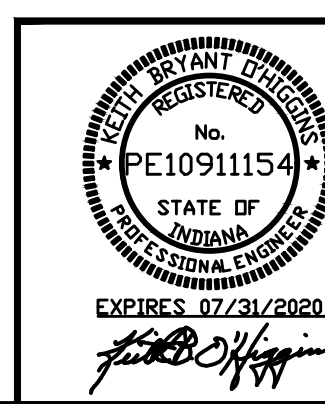
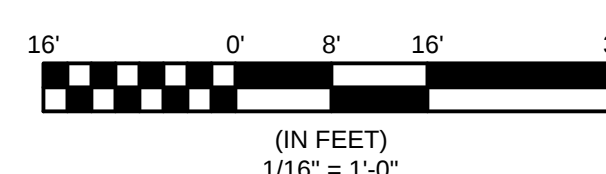
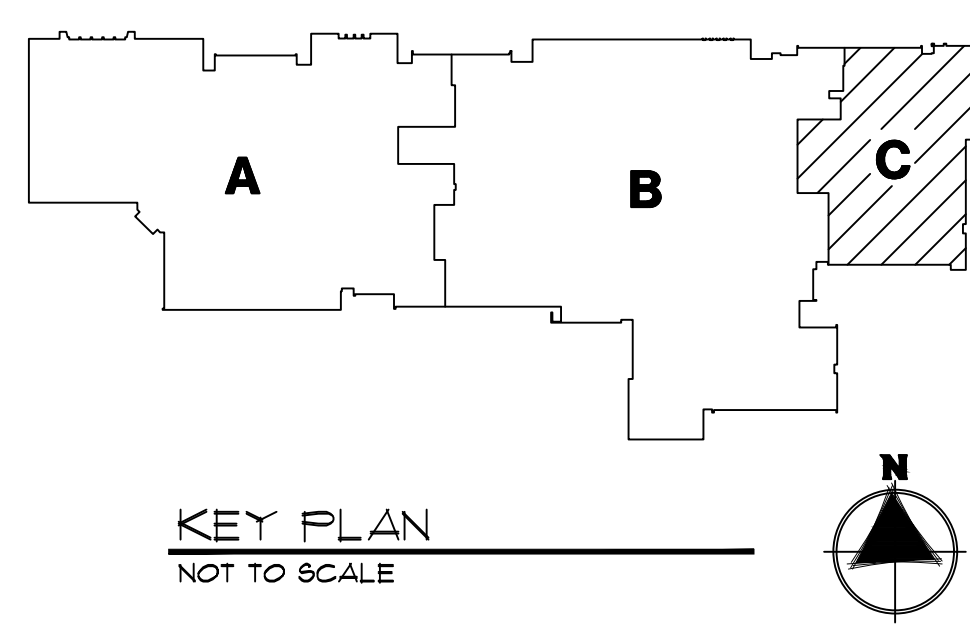
SECURITY CAMERAS	
SYMBOL	DESCRIPTION
	SINGLE CAMERA
	MULTI CAMERA
	BULLET TYPE
	VIDEO INTERCOM

SECURITY CAMERA DESCRIPTION		
SYMBOL	PART #	DESCRIPTION
1		REPURPOSE - AXIS FISHEYE (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
2		EXISTING - AXIS FISHEYE/MULTI (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
3	2.0C-HSSL-D1-IR	NEW - 2.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-9MM F/1.4, INTEGRATED IR
4	3.0C-H4M-D1-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 2.8MM F/1.2, INTEGRATED IR
5	3.0C-HSSL-D1-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR
6	4.0C-HSA-D01-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS
7	4.0C-HSA-D2	NEW - 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
8	5.0C-HSSL-D1-IR	NEW - 5.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8.4MM F/1.6, INTEGRATED IR
9	6.0L-H4F-D01-IR	NEW - 6.0 MP, FISHEYE CAMERA, LIGHTCATCHER, DAY/NIGHT, 1.45MM F/2.2, INTEGRATED IR
10	12.0-H4F-D01-IR	NEW - 12MP FISHEYE, 1.44MM, F/2.2, INTEGRATED IR, DAY/NIGHT
11	9C-H4A-3MH-180	NEW - 3X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
12	15C-H4A-3MH-180	NEW - 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
13	24C-H4A-3MH-270	NEW - 3X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
14	12C-H4A-4MH-360	NEW - 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
15	20C-H4A-4MH-360	NEW - 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
16	24C-H4A-3MH-360	NEW - 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
17	24C-H4A-3MH-180	NEW - 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
18	4.0C-HSA-B01-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, R, NEXT-GENERATION ANALYTICS; H4-B0-JBOX1 BACKSHELL NEEDED
19	3.0C-H4V-R01-IR	NEW - 3MP H4 VIDEO INTERCOM, WDR, LIGHTCATCHER, IR, 1.83MM F2.4
20	3.0C-HSSL-D01-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR

- GENERAL NOTES**
- CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THEIR INSTALLATION WORK.
 - ALL WALL MOUNTED CAMERAS ARE TO BE MOUNTED ON SURFACE MOUNTED BOXES FED BY SURFACE MOUNTED RACEWAY. COLOR OF RACEWAY TO BE DETERMINED BY ARCHITECT.
 - ALL NEW REQUIRED WALL OPENINGS INTO IDF/MDF ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVES TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER CABLE INSTALLATION IS COMPLETE.
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 - CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS AND SWITCHES REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE(S).
 - ALL CABLEING TO BE INSTALLED ABOVE CEILING WHERE POSSIBLE.
 - ALL CAMERA MOUNTING HEIGHTS TO BE DETERMINED BY CAMERA SUPPLIER AND COORDINATED WITH INSTALLING CONTRACTOR.

BIDDING NOTES

THE AUTHORIZED DEALER/INSTALLER OF THE SECURITY VIDEO SURVEILLANCE SYSTEM IS RESPONSIBLE FOR THE ENGINEERING DESIGN OF THE SYSTEM INCLUDING ALL CAMERAS, CAMERA LOCATIONS AND COVERAGE, CABLEING, VIDEO EQUIPMENT, PATCH PANELS, AND SWITCHES. THE PLACEMENT OF THESE CAMERAS ON THESE DRAWINGS ARE DIAGNOSTIC FOR BIDDING PURPOSES ONLY TO CONVEY THE OWNERS VIDEO SURVEILLANCE CRITERIA. CONTRACTOR IS TO REFER TO THE "COLORIZED" CAMERA LOCATION/COVERAGE DRAWINGS IN THE SPECIFICATION FOR THE COVERAGE THAT THE OWNER REQUIRES. CONTRACTOR IS TO REFER TO THE SCHEDULE SHEET(S) (E2.10) FOR ADDITIONAL INFORMATION.



PROJECT NUMBER: 139-1-4
PROJECT NAME: P.A.139-1-4 (19-073) Duneland School District - Security Cameras at Vest. MS. 453, Brunmitt, Bldg. U.S. LES. 005 & 005\139-1-4

DESIGNED BY: CAMERON COX
CHECKED BY: CAMERON COX
DATE: 12/20/2019

REVISIONS:
1. 12/20/2019: Initial Design
2. 12/20/2019: Revise per comments
3. 12/20/2019: Revise per comments

DUNELAND SCHOOL CORPORATION
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

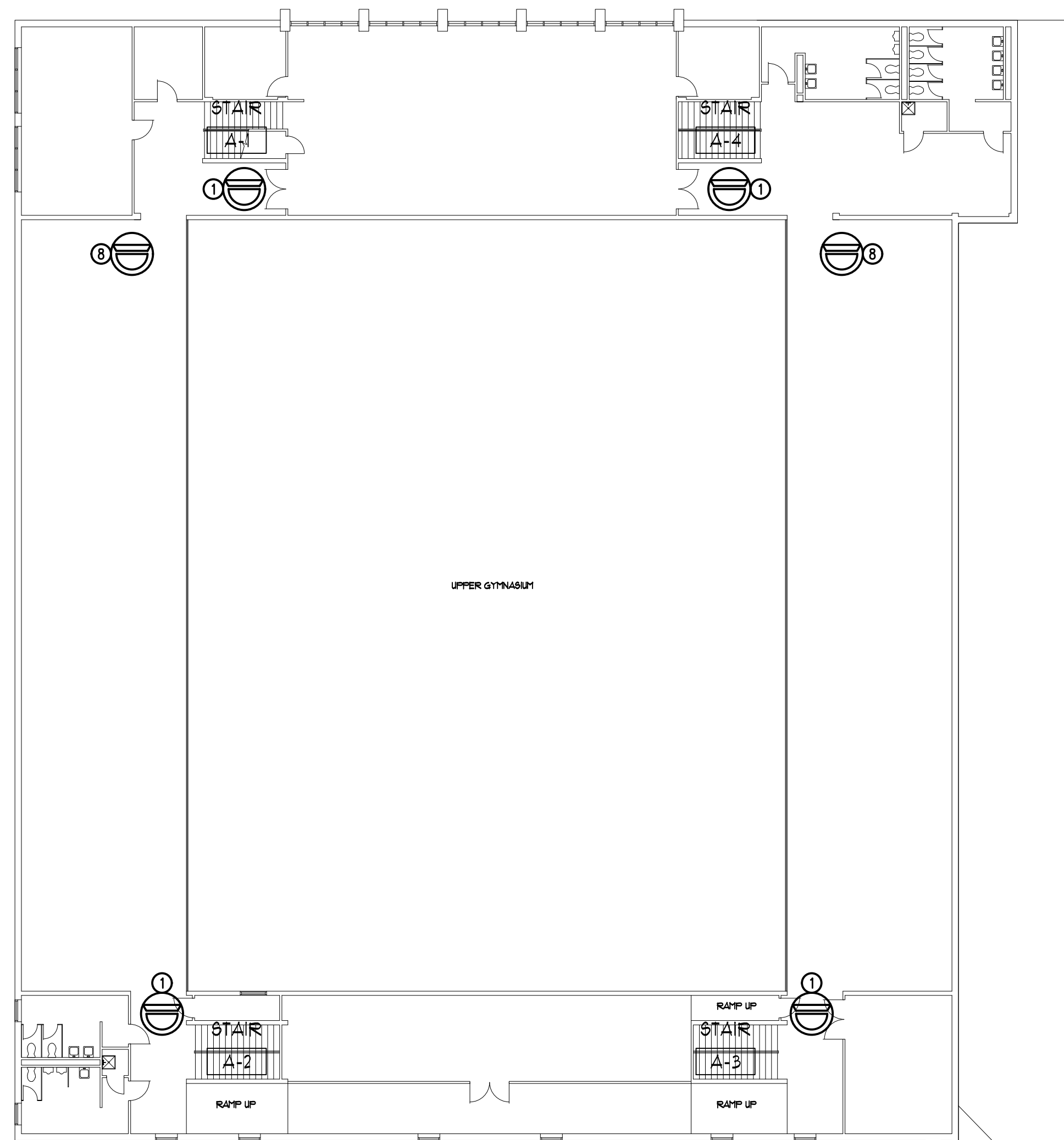
BALLY ELEMENTARY SCHOOL
BRUMMITT ELEMENTARY SCHOOL
CHESTERTON HIGH SCHOOL
CHESTERTON MIDDLE SCHOOL
JACKSON ELEMENTARY SCHOOL
LIBERTY INTERMEDIATE SCHOOL
WESTCHESTER INTERMEDIATE SCHOOL
WESTCHESTER MIDDLE SCHOOL
YOST ELEMENTARY SCHOOL

PROJECT NUMBER: 139-1-4
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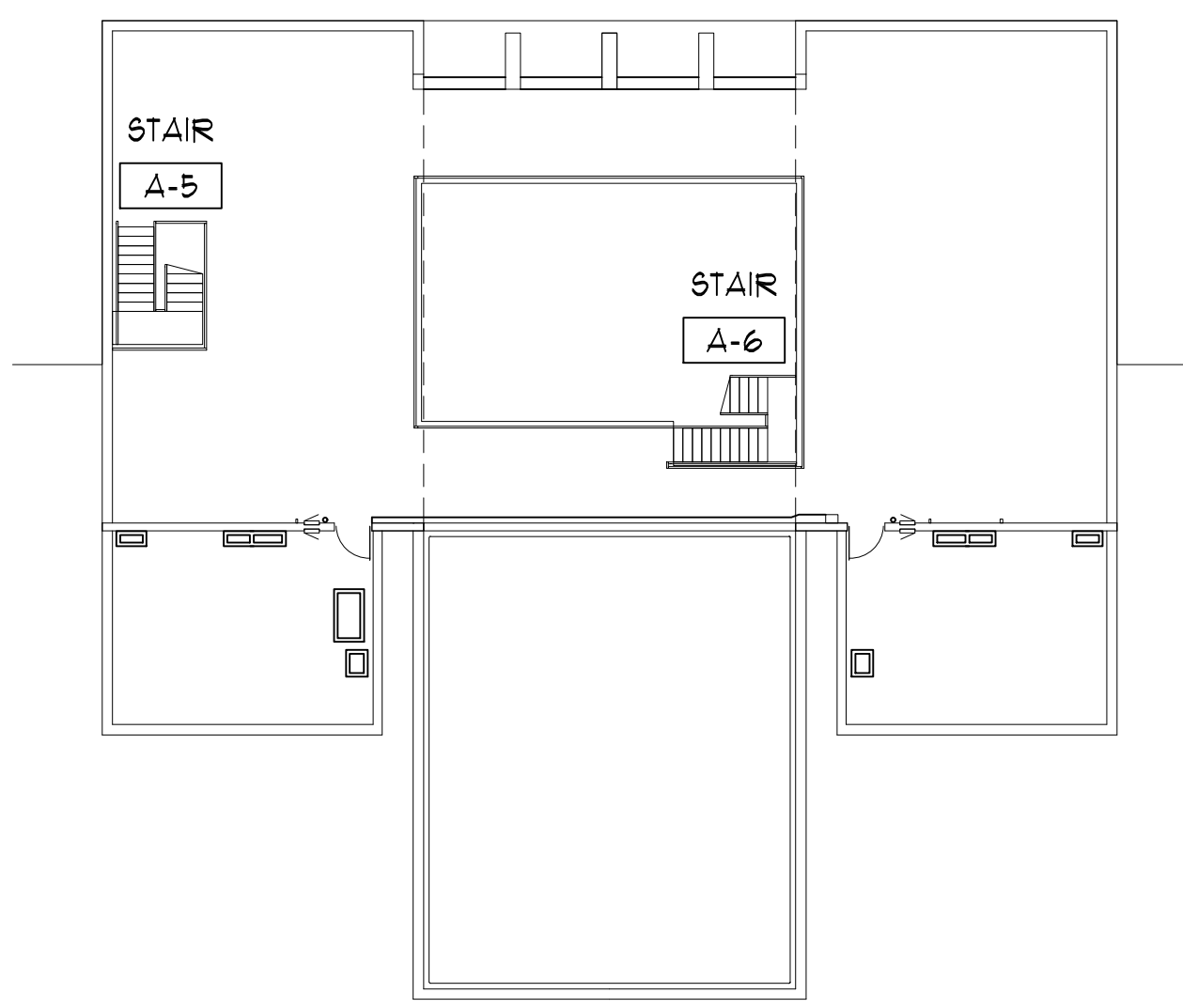
DESIGNED BY: CAMERON COX
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REVISIONS:
1. 12/20/2019: Initial Design
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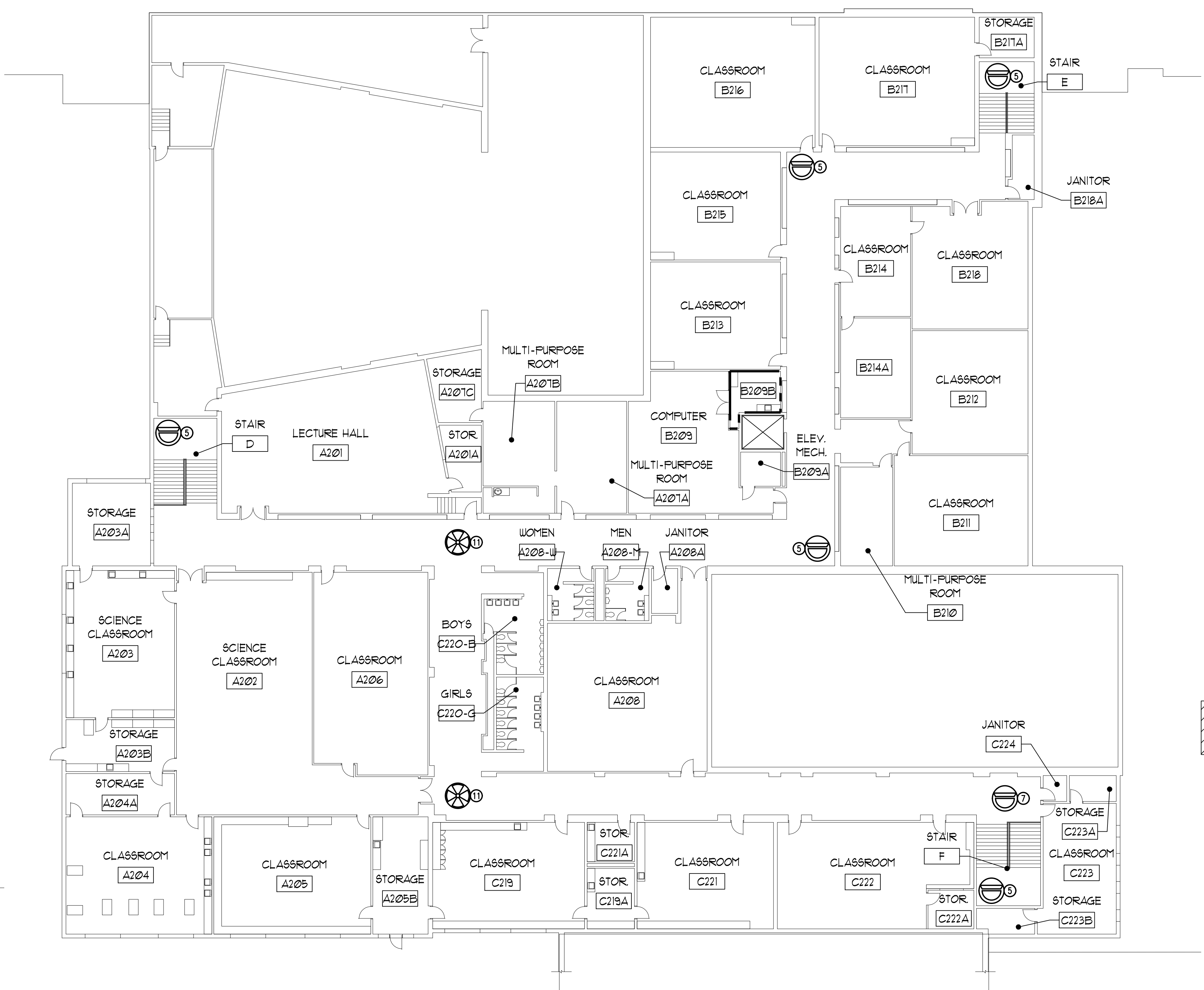
E1.10C
SET 4 OF 9



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



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



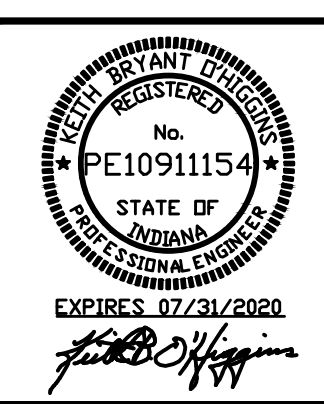
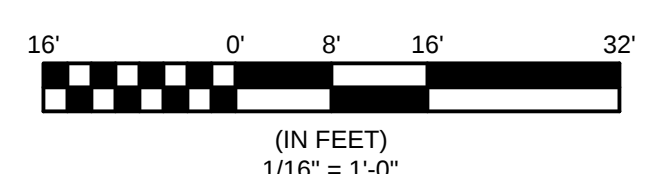
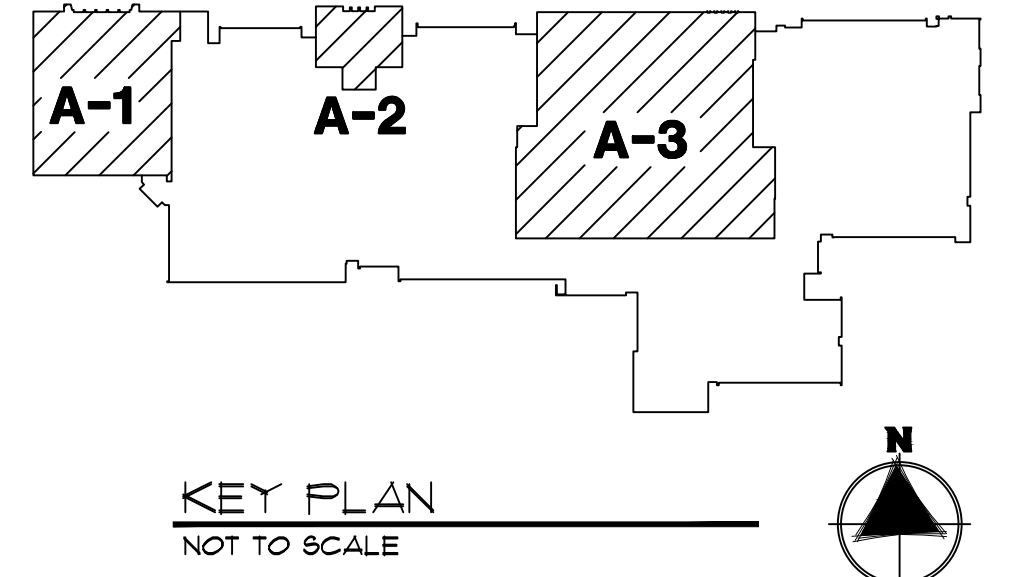
3 SECOND FLOOR PLAN
1/16" = 1'-0"

SECURITY CAMERAS	
SYMBOL	DESCRIPTION
	SINGLE CAMERA
	MULTI CAMERA
	BULLET TYPE
	VIDEO INTERCOM

SECURITY CAMERA DESCRIPTION		
SYMBOL	PART #	DESCRIPTION
①		REPURPOSE - AXIS FISHEYE (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
②		EXISTING - AXIS FISHEYE/MULTI (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
③	2.0C-HSSL-01-R	NEW - 2.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-9MM F/1.4, INTEGRATED IR
④	3.0C-HAM-01-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 2.8MM F/1.2, INTEGRATED IR
⑤	3.0C-HSSL-01-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR
⑥	4.0C-HSA-D01-R	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS
⑦	4.0C-HSA-D2	NEW - 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
⑧	5.0C-HSSL-01-R	NEW - 5.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8.4MM F/1.6, INTEGRATED IR
⑨	6.0L-H4F-D01-R	NEW - 6.0 MP, FISHEYE CAMERA, LIGHTCATCHER, DAY/NIGHT, 1.45MM F/2.2, INTEGRATED IR
⑩	12.0-H4F-D01-R	NEW - 12MP FISHEYE, 1.44MM, F/2.2, INTEGRATED IR, DAY/NIGHT
⑪	9C-H4A-3MH-180	NEW - 3X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑫	15C-H4A-3MH-180	NEW - 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑬	24C-H4A-3MH-270	NEW - 3X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑭	12C-H4A-4MH-360	NEW - 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑮	20C-H4A-4MH-360	NEW - 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑯	24C-H4A-3MH-360	NEW - 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑰	24C-H4A-3MH-180	NEW - 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
⑱	4.0C-HSA-B01-R	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS; H4-B0-JBOX1 BACKBOX REQUIRED
⑲	3.0C-H4V-H01-R1	NEW - 3MP H4 VIDEO INTERCOM, WDR, LIGHTCATCHER, IR, 1.83MM F2.4
⑳	3.0C-HSSL-D01-R	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR

- ## GENERAL NOTES
1. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF ALL CEILING TILES DURING THE COURSE OF THEIR INSTALLATION WORK.
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 3. ALL NEW REQUIRED WALL OPENINGS INTO IDF/ADM ROOMS ARE TO BE PROVIDED WITH A MINIMUM 4 INCH SLEEVE WITH EDGE PROTECTION. SLEEVES TO BE SEALED AT WALL PENETRATION AND FIRE CAULKED AFTER CABLE INSTALLATION IS COMPLETE.
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 6. CONTRACTOR SHALL DETERMINE THE QUANTITIES OF PATCH PANELS AND SWITCHES REQUIRED AND COORDINATE WITH OWNER IN DISTRIBUTING THEM IN THE EXISTING RACK SPACE(S).
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School

NEW- 1st Floor Interior	⑤	3.0C-H5SL-D1-IR	8 3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-8.4mm f/1.4, Integrated IR
NEW- 1st Floor Interior	⑩	12.0-H4F-DO1-IR	4 12MP Fisheye, 1.44mm, f/2.2, Integrated IR, Day/Night
NEW- 1st Floor Interior	④	3.0C-H4M-D1-IR	4 3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 2.8mm f/1.2, IR
NEW- 1st Floor Interior	④	5.0C-H5SL-D1-IR	1 5.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-8.4mm f/1.6, Integrated IR
NEW- 1st Floor Interior	⑨	6.0L-H4F-DO1-IR	2 6.0 MP, Fisheye Camera, LightCatcher, Day/Night, 1.45mm f/2.2, Integrated IR
NEW- 1st Floor Interior	⑨	9C-H4A-3MH-180	5 3x 3MP, WDR, LightCatcher, 4mm lens, camera only
NEW- 1st Floor Interior	⑫	15C-H4A-3MH-180	6 3x 5MP, WDR, LightCatcher, 4mm lens, camera only
NEW- 1st Floor Interior	⑭	12C-H4A-4MH-360	1 4x 3MP, WDR, LightCatcher, 2.8mm lens, camera only
NEW- 1st Floor Interior	⑮	20C-H4A-4MH-360	1 4x 5MP, WDR, LightCatcher, 2.8mm lens, camera only
EXISTING- 1st Floor Interior	②	AXIS M-Series Fisheyes	2 Existing Axis M-Series Fisheyes to remain in place and tie into ACC
REPURPOSED- 1st Floor Interior	①	AXIS M-Series Fisheyes	4 These are existing fisheyes that need to be installed at new locations
NEW- 2nd Floor Interior	⑤	3.0C-H5SL-D1-IR	5 3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-8.4mm f/1.4, Integrated IR
NEW- 2nd Floor Interior	⑥	5.0C-H5SL-D1-IR	2 5.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-8.4mm f/1.6, Integrated IR
NEW- 2nd Floor Interior	⑦	4.0C-H5A-D2	1 4.0 MP WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics
NEW- 2nd Floor Interior	⑪	9C-H4A-3MH-180	2 3x 3MP, WDR, LightCatcher, 4mm lens, camera only
REPURPOSED- 2nd Floor Interior	①	AXIS M-Series Fisheyes	4 These are existing fisheyes that need to be installed at new locations
NEW- Exterior	⑮	24C-H4A-3MH-270	2 3x 8MP, WDR, LightCatcher, 4mm lens, camera only
NEW- Exterior	⑫	15C-H4A-3MH-180	1 3x 5MP, WDR, LightCatcher, 4mm lens, camera only
NEW- Exterior	⑥	4.0C-H5A-DO1-IR	4 4.0 MP WDR, LightCatcher, 3.3-9mm f/1.3 P-iris lens, IR, Next-Generation Analytics
EXISTING- Exterior	②	AXIS P3707	5 Existing Axis multi-sensors to remain in place and tie into ACC
EXISTING- Exterior	②	AXIS Q-Series Multi-Sensor	3 Existing Axis multi-sensors to remain in place and tie into ACC
EXISTING- Exterior	②	AXIS Fixed M-Series Dome	4 Existing Axis fixed domes to remain in place and tie into ACC
		HD-NVR4-PRM-96TB-NA	1 AVIGILON NVR4 PREMIUM 96TB RAID 6
		ACC7-ENT	71 ACC7 ENTERPRISE Camera Licenses

Surface/Ceiling- If recessed in-ceiling is requested, must use **H4SL-MT-DCIL1**

Surface Mount to Ceiling, no accessories needed

Surface/Ceiling- If recessed in-ceiling is requested, must use **H4M-MT-DCIL1**

Surface/Ceiling- If recessed in-ceiling is requested, must use **H4M-MT-DCIL1**

Surface/Ceiling. No accessories needed

* For All Multi-Sensor cameras, must include proper mounting accessories for Pendant, Surface/Ceiling, or Recessed Ceiling

Wall Mount Arm on Corner Bracket (Need H4AMH-DO-COV1, H4AMH-AD-PE MNT-WALL1, H4-MT-CRNR)- POE+

*Note, these fisheyes will be removed from other schools

Surface/Ceiling- If recessed in-ceiling is requested, must use **H4SL-MT-DCIL1**
 Surface- No accessories needed
 Surface/Ceiling. No accessories needed

*Note, these fisheyes will be removed from other schools

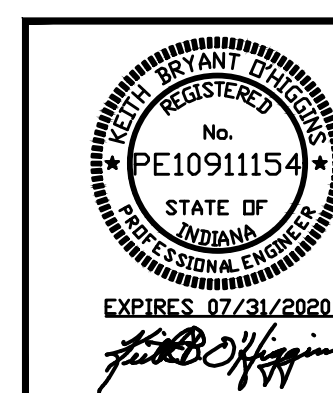
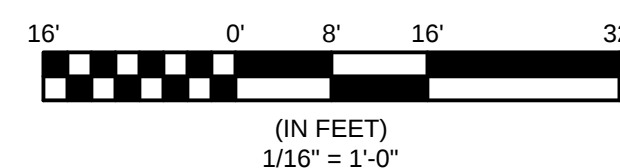
Wall Mount Arm on Corner Bracket (Need H4AMH-DO-COVR1, H4AMH-AD-PEND1, IRPTZ-MNT-WALL1, H4-MT-CRNR) - POE+

Wall Mount Arm (Need H4AMH-DO-COVR1, H4AMH-AD-PEND1, IRPTZ-MNT-WALL1, H4-MT-CRNR) - POE+

Surface- No accessories needed

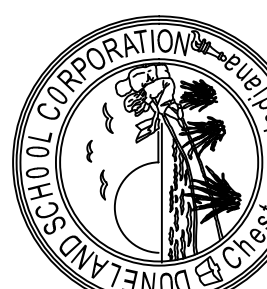
SECURITY CAMERAS	
SYMBOL	DESCRIPTION
	SINGLE CAMERA
	MULTI CAMERA
	BULLET TYPE
	VIDEO INTERCOM

SECURITY CAMERA DESCRIPTION		
SYMBOL	PART #	DESCRIPTION
①		REPURPOSE – AXIS FISHEYE (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
②		EXISTING – AXIS FISHEYE/MULTI (REFER TO SCHEDULE ON SHEET E2.10 FOR ADDITIONAL INFORMATION)
③	2.0C-HSSL-01-R	NEW – 2.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOOME, 3-9MM F/1.4, INTEGRATED IR
④	3.0C-HAM-01-R	NEW – 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOOME, 2.8MM F/1.2, INTEGRATED IR
⑤	3.0C-HSSL-01-R	NEW – 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOOME, 3-8.4MM F/1.4, INTEGRATED IR
⑥	4.0C-H5A-001-R	NEW – 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS
⑦	4.0C-H5A-02	NEW – 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
⑧	5.0C-HSSL-01-R	NEW – 5.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOOME, 3-8.4MM F/1.6, INTEGRATED IR
⑨	6.0L-H4F-001-R	NEW – 6.0 MP, FISHEYE CAMERA, LIGHTCATCHER, DAY/NIGHT, 1.45MM F/2.2, INTEGRATED IR
⑩	12.0-H4F-001-R	NEW – 12MP FISHEYE, 1.44MM, F/2.2, INTEGRATED IR, DAY/NIGHT
⑪	9C-H4A-3MH-180	NEW – 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑫	15C-H4A-3MH-180	NEW – 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑬	24C-H4A-3MH-270	NEW – 3X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑭	12C-H4A-4MH-360	NEW – 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑮	20C-H4A-4MH-360	NEW – 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑯	24C-H4A-3MH-360	NEW – 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑰	24C-H4A-3MH-180	NEW – 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
⑱	4.0C-H5A-001-R	NEW – 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS; H4-B0-BOX01 BACKBOX NEEDED
⑲	3.0C-H4V-001-R	NEW – 3MP H4 VIDEO INTERCOM, WDR, LIGHTCATCHER, 1.85MM F.2.4
㉑	3.0C-HSSL-001-R	NEW – 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOOME, 3-8.4MM F/1.4, INTEGRATED IR



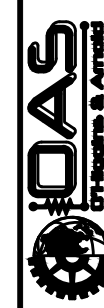
E2.10

SET 4 OF 9



DUNELAND SCHOOL CORPORATION
2020 SECURITY CAMERA INSTALLATION AT:
CHESTERTON MIDDLE SCHOOL
651 WEST MORGAN AVENUE
CHESTERTON, INDIANA 46304

BAILLY ELEMENTARY SCHOOL
BRUMMITT ELEMENTARY SCHOOL
CHESTERTON HIGH SCHOOL
CHESTERTON MIDDLE SCHOOL
JACKSON ELEMENTARY SCHOOL
LIBERTY INTERMEDIATE SCHOOL
WESTCHESTER INTERMEDIATE SCHOOL
LIBERTY ELEMENTARY SCHOOL
VOST ELEMENTARY SCHOOL



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