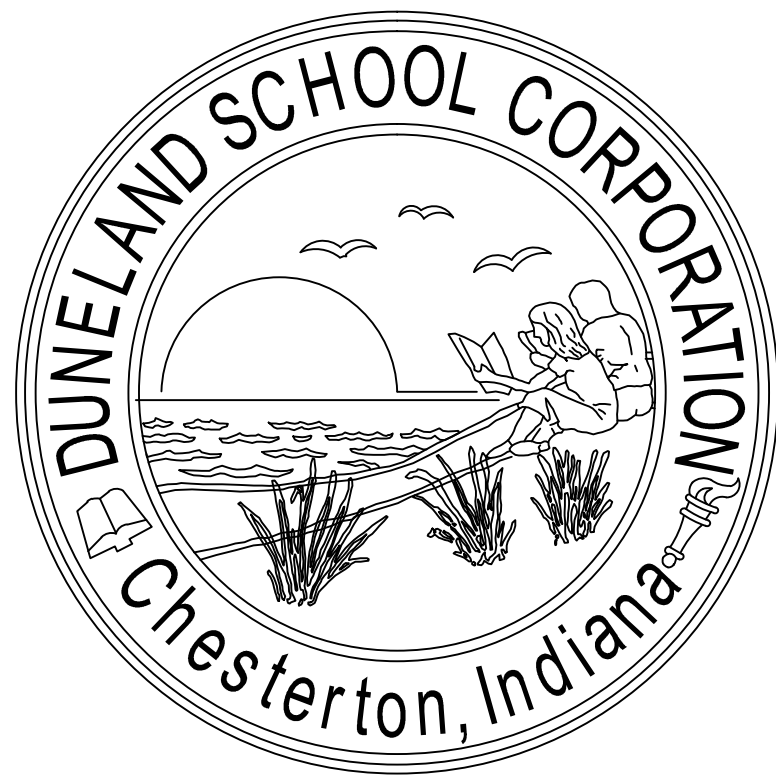




DUNELAND SCHOOL CORPORATION

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 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: *ARI0800113

SET 2 OF 9 - DRAWING INDEX FOR BRUMMITT ELEMENTARY SCHOOL

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

ARCHITECTURAL

A50.00 EXISTING SITE PLAN PLAN

A0.10 EXISTING FIRST FLOOR PLAN

ELECTRICAL

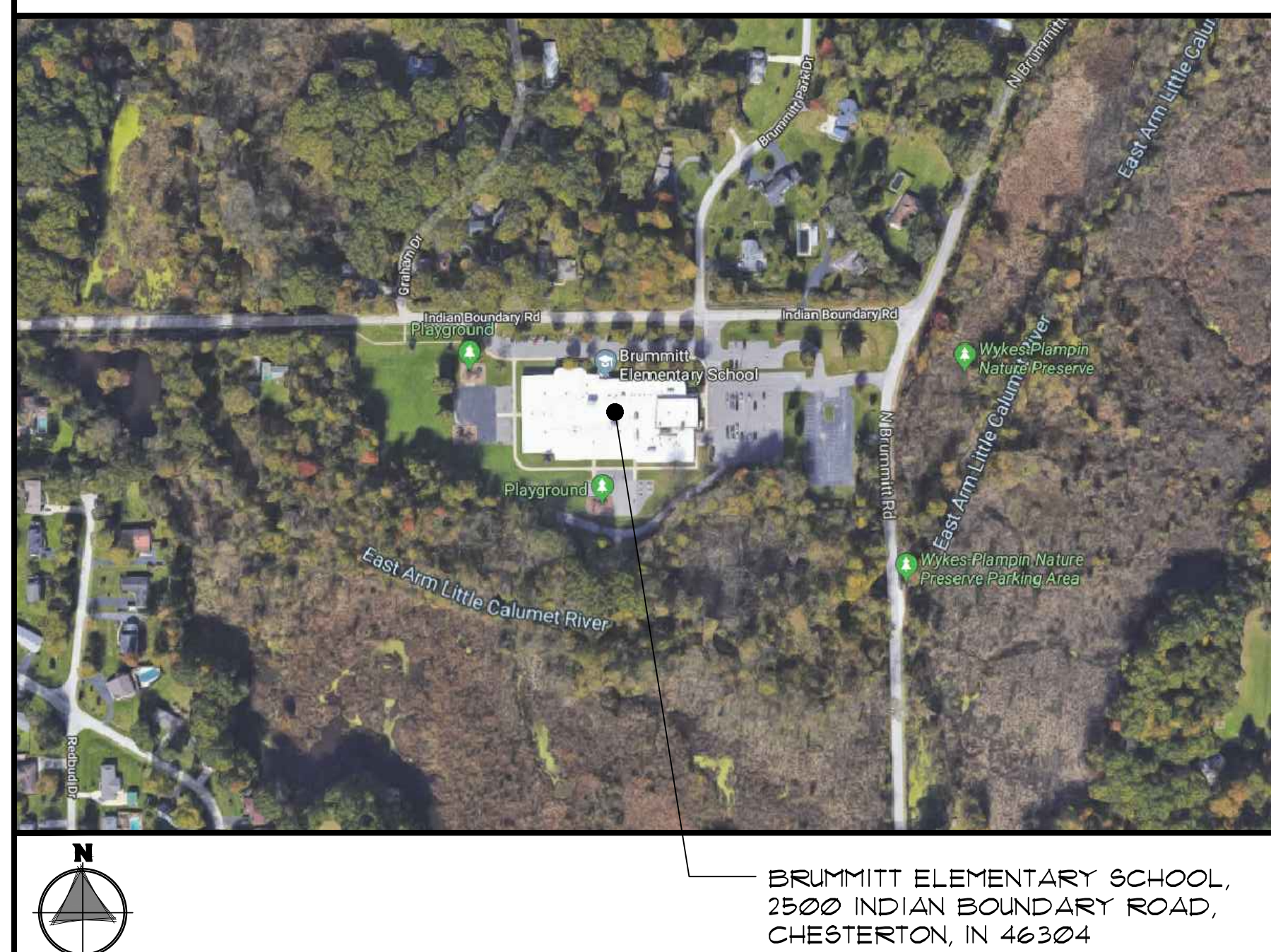
E1.10 FIRST FLOOR PLAN - ELECTRICAL

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

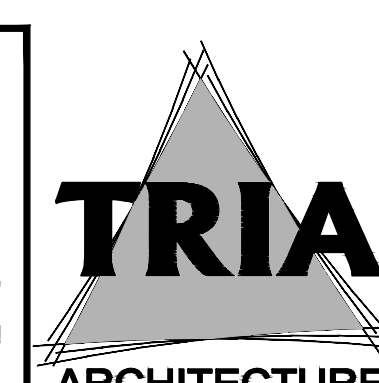
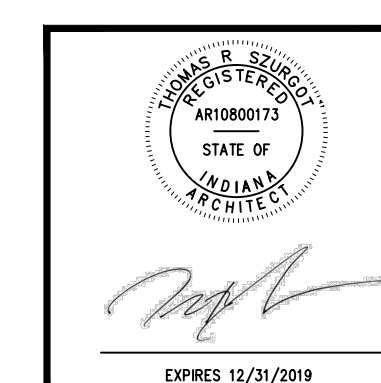


ISSUED FOR BID:

DECEMBER 20, 2019

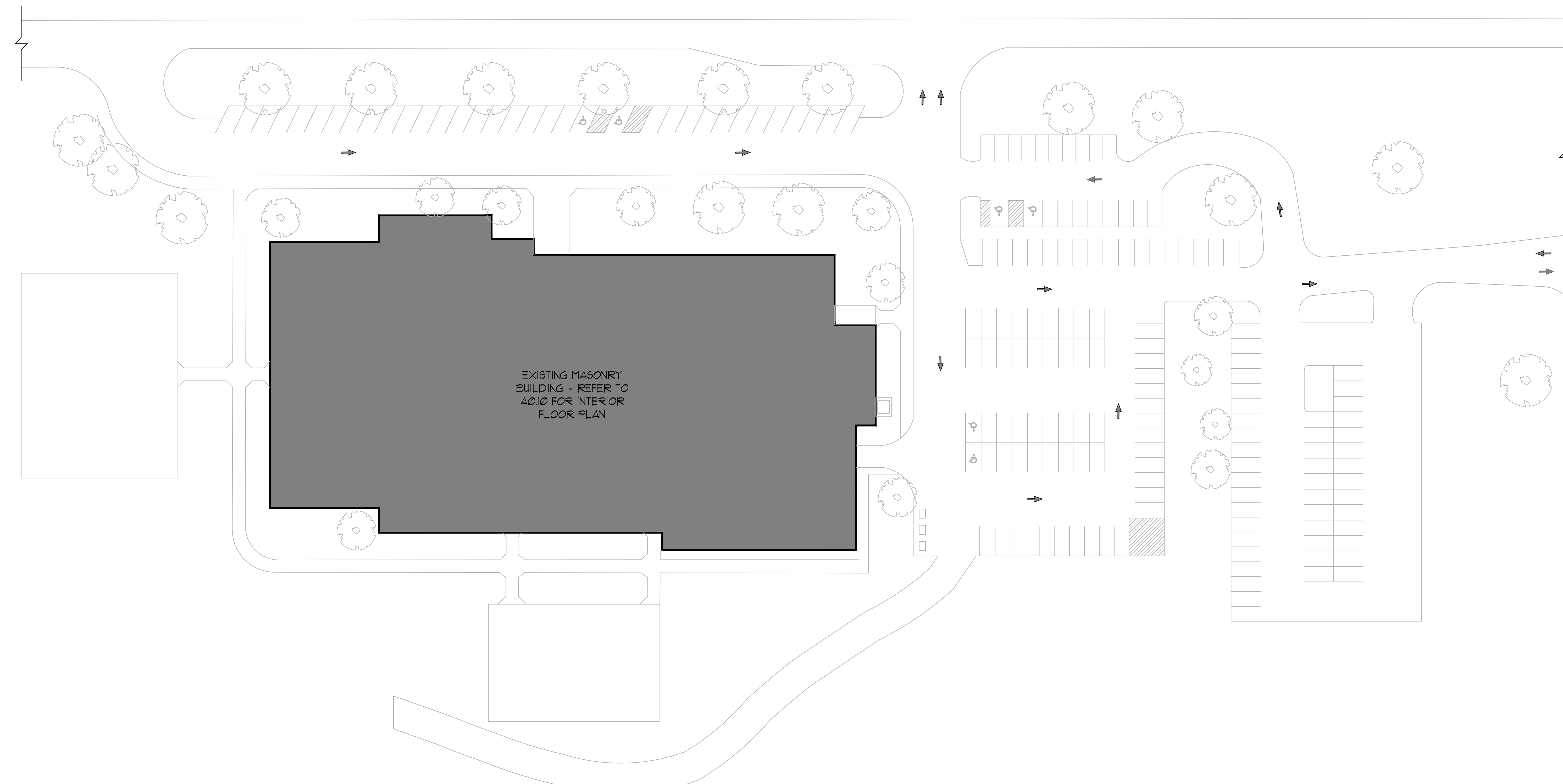
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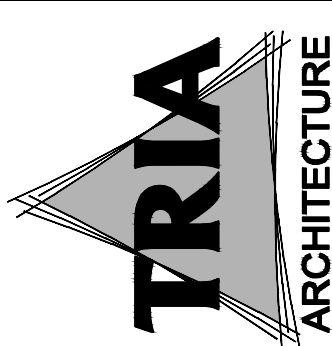
REVISIONS

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.
4. 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.
5. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ANY MATERIAL OR EQUIPMENT REMOVED.



TRIA CONSULTANT
PROJECT NO. 15-013

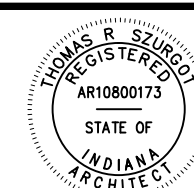
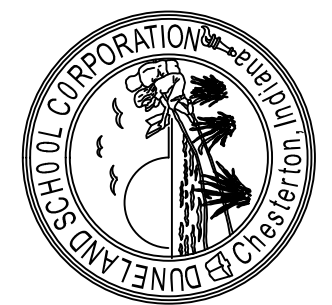
DATE: 12/21/2019



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

**DUNELAND SCHOOL CORPORATION AT:
2020 SECURITY CAMERA INSTALLATION AT:
BRUMMITT ELEMENTARY SCHOOL
2500 INDIANA BOUNDARY ROAD
CHESTERSTON, INDIANA 46304**

PROJECT NUMBER	15-013	REVISIONS
PROJECT MANAGER	PS	1
DRAWN BY	GT	2
ISSUED FOR BIDDING	12/21/2019	3
EXISTING SITE PLAN		4

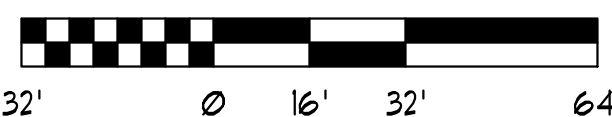


EXPRES 12/21/2019

AS0.00

SET 2 OF 9

1 EXISTING SITE PLAN
1/32" = 1'-0"

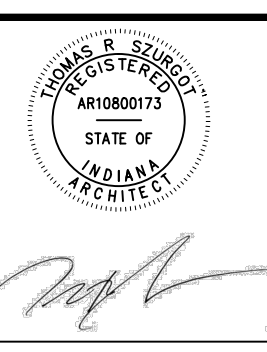
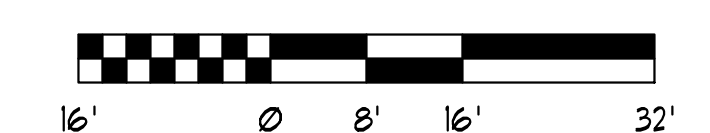
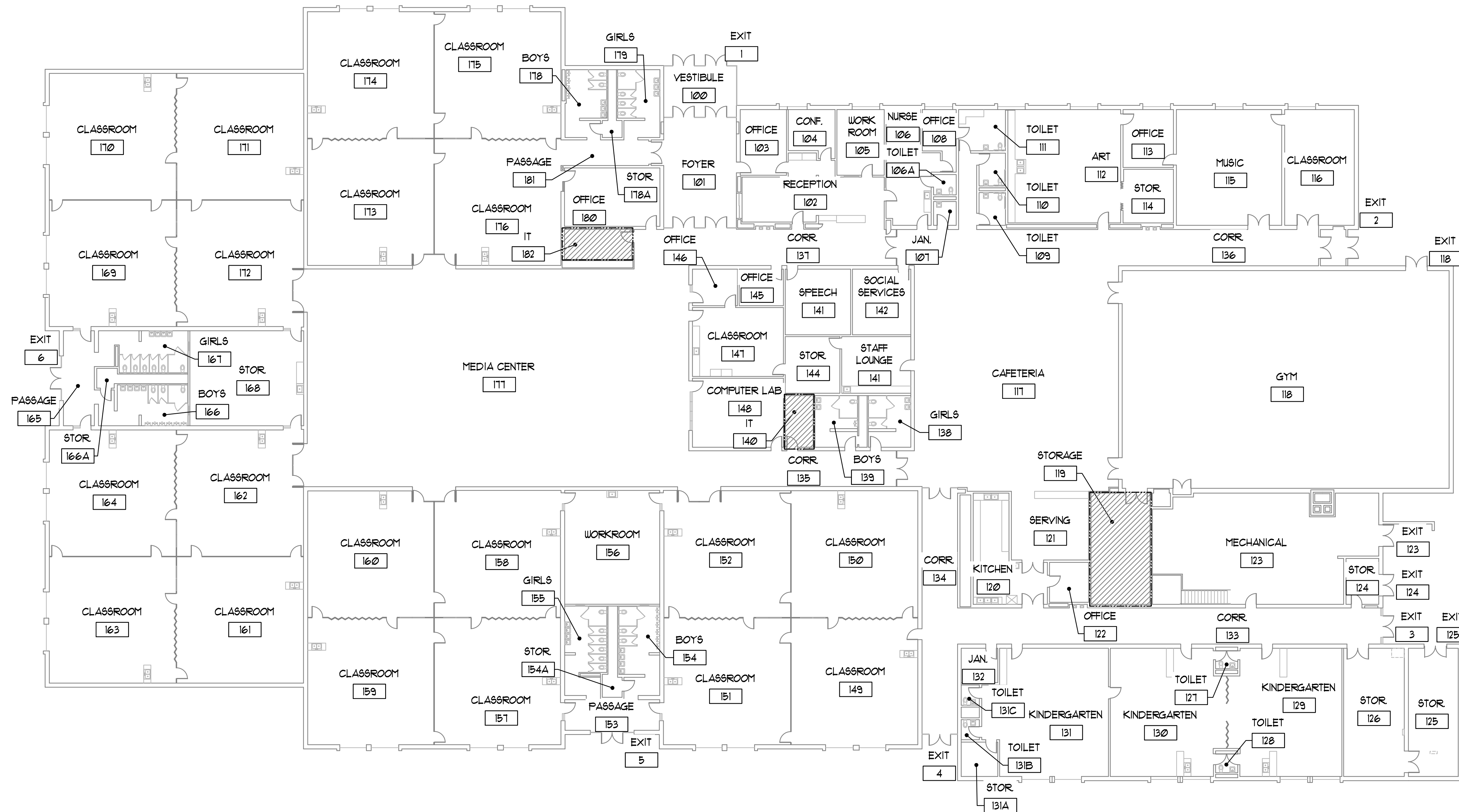


FLOOR PLAN GENERAL NOTES

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

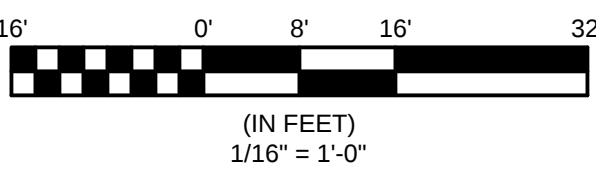
HATCH INDICATES "NETWORK ROOMS"





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/1.2, 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-H5A-D01-IR	NEW – 4.0 MP WDR, LIGHTCATCHER, 3-3.9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS
⑦	4.0C-H5A-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-3M1-180	NEW – 3X 3MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑫	15C-H4A-3M1-180	NEW – 3X 5MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑬	24C-H4A-3M1-270	NEW – 3X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑭	12C-H4A-4M1-360	NEW – 4X 3MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑮	20C-H4A-4M1-360	NEW – 4X 5MP, WDR, LIGHTCATCHER, 2.8MM LENS, CAMERA ONLY
⑯	24C-H4A-3M1-360	NEW – 4X 8MP, WDR, LIGHTCATCHER, 4MM LENS, CAMERA ONLY
⑰	24C-H4A-3M1-180	NEW – 3X 8MP, WDR, LIGHTCATCHER, 5.2MM LENS, CAMERA ONLY
⑱	4.0C-H5A-B01-IR	NEW – 4.0 MP WDR, LIGHTCATCHER, 3-3.9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS; H4-B0-B0X1 BACKBOX NEEDED
⑲	3.0C-H4W-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

- | BIDDING NOTES | |
|--|--|
| <p>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 DIAGRAMMATIC 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.</p> | |



PLOTTED BY: CAMERON COX DATE PLOTTED: 12/20/2019 8:57 AM FILE PATH AND NAME: P:\19-14 (19-073) Duneland School District - Security Cameras at Vest, MS, 453- Brummitt, Bldg US, LES, C05 & C05\19-14 Brummitt C20

Brummitt Elementary

School

Locations

NEW- 1st Floor Interior
 NEW- 1st Floor Interior
 NEW- 1st Floor Interior
 NEW- 1st Floor Interior
 NEW- 1st Floor Interior
 EXISTING- 1st Floor Interior
 REPURPOSED- 1st Floor Interior

NEW- Exterior
 EXISTING- Exterior

Tag

Part #

Quantity

Description

Mounting Application and Accessories

⑤ 3.0C-H5SL-D1-IR 2 3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-8.4mm f/1.4, Integrated IR
 ⑩ 12.0-H4F-DO1-IR 1 12MP Fisheye, 1.44mm, f/2.2, Integrated IR, Day/Night
 ④ 3.0C-H4M-D1-IR 5 3.0 MP, WDR, LightCatcher, Day/Night, Inoor Dome, 2.8mm f/1.2, IR
 ③ 2.0C-H5SL-D1-IR 1 2.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4, Integrated IR
 ③ 9C-H4A-3MH-180 2 3x 3MP, WDR, LightCatcher, 4mm lens, camera only
 ② AXIS Fixed M-Series Dome 1 Existing Axis M-Series Dome to remain in place and tie into ACC
 ① AXIS P-Series Multi-Sensor 2 These are existing multi-sensors that need to be installed at new locations

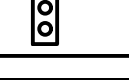
⑦ 24C-H4A-3MH-180 4 3x 8MP, WDR, LightCatcher, 5.2mm lens, camera only
 ② AXIS M-Series Fisheyes 6 Existing Axis M-Series Fisheyes to remain in place and tie into ACC

HD-NVR4-STD-48TB-S16-NA 1 AVIGILON NVR4 STANDARD 48TB RAID6 Windows Server 2016
 ACC7-ENT 24 ACC7 ENTERPRISE Camera Licenses

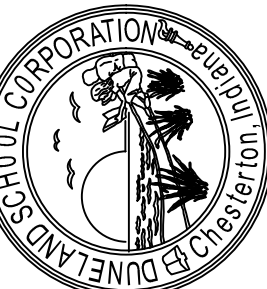
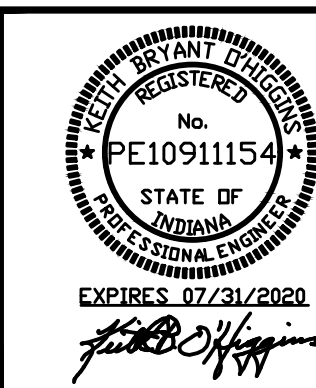
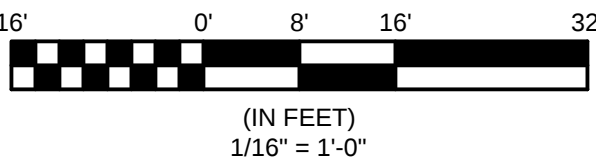
Surface/Ceiling- If recessed in-ceiling is requested, must use **H4SL-MT-DCIL1**.
 Surface Mount to Ceiling, no accessories needed
 Surface/Ceiling- If recessed in-ceiling is requested, must use **H4M-MT-DCIL1**.
 Surface/Ceiling- If recessed in-ceiling is requested, must use **H4SL-MT-DCIL1**.

*Note, these multi-sensors will be used from the ones removed at CHS

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

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-H5SL-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-H5SL-D1-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, INDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR
⑥	4.0C-H5A-D01-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS
⑦	4.0C-H5A-D2	NEW - 4.0 MP WDR, LIGHTCATCHER, 9-22MM F/1.6 P-IRIS LENS, NEXT-GENERATION ANALYTICS
⑧	5.0C-H5SL-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
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⑱	4.0C-H5A-B01-IR	NEW - 4.0 MP WDR, LIGHTCATCHER, 3.3-9MM F/1.3 P-IRIS LENS, IR, NEXT-GENERATION ANALYTICS; H4-B0-J60X1 IMAGING NEEDED
⑲	3.0C-H4VI-R01-IR	NEW - 3MP H4 VIDEO INTERCOM, WDR, LIGHTCATCHER, IR, 1.83MM F2.4
⑳	3.0C-H5SL-D01-IR	NEW - 3.0 MP, WDR, LIGHTCATCHER, DAY/NIGHT, OUTDOOR DOME, 3-8.4MM F/1.4, INTEGRATED IR



DUNELAND SCHOOL CORPORATION
 2020 SECURITY CAMERA INSTALLATION AT:
 BRUMMITT ELEMENTARY SCHOOL
 2500 INDIANA BOUNDARY ROAD
 CHESTERTON, INDIANA 46304

PROJECT NUMBER	19-073	REVISION	
DATE	07/31/2020	BY	CA
DRAWN BY	CA	CHECKED BY	CA
DATE	07/31/2020	DATE	07/31/2020
SCHEDULES		ELECTRICAL	

E2.10

SHEET 2 OF 9

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

TRIA

