

ADDENDUM NO. 2

June 5, 2023

LAKE STREET ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

Crown Point, IN 46307

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated May 15, 2023 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-2 and attached Addendum No. 2 from Gibraltar Design dated June 2, 2023 and consisting of 4 pages and 20 drawings.

A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

1. Delete:

Specification Section 27 11 27 - Data Center Uninterruptible Power Supply

B. SPECIFICATION SECTION 00 31 00 - BID FORM

1. Replace:

Specification Section 00 31 00 - Bid Form with the attached revised Bid Form.

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - GENERAL TRADES

1. Revise:

Specification Section 08 91 00 – Aluminum Wall Louvers (As Applicable)

to read:

Specification Section 08 91 00 – Aluminum Wall Louvers

I. BID CATEGORY NO. 09 - MECHANICAL

1. Delete:

Specification Section 08 91 00 – Aluminum Wall Louvers (As Applicable)

J. BID CATEGORY NO. 10 - ELECTRICAL

1. Delete:

Specification Section 27 11 27 - Data Center Uninterruptible Power Supply

D. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. Replace:

Specification Section 01 23 00 - Alternates with the attached revised section.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

**Lake Street Elementary School Additions,
Renovations, and Related Work**
Crown Point Community School Corporation
Crown Point, IN

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

Insert Category No. (s) and Name(s)

Of public works project, ***Lake Street Elementary School Additions, Renovations, and Related Work***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, Inc., 9102 N. Meridian Street, Suite 300, Indianapolis, IN 46260***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____ DOLLARS (\$ _____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) _____

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO _____

Has visited the jobsite YES _____ NO _____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent
Of the schedule can be met. YES _____ NO _____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6. YES _____ NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS (if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Remove existing Acoustic Ceiling System, Devices, and Lighting Fixtures; Install New Acoustic Ceiling System and LED Lighting; Re-Install Devices

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 2 – Carpet Manufactured by Tarkett

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 3 – New Hydronic Coils in Dedicated Classrooms; Extend Ductwork

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 4A – Replace (2) Air Handling Units in Gymnasium Mezzanine

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 4B – Air Handling Units Manufactured by Trane

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 5A – Replace (4) Air Handling Units Above Cafeteria Ceiling

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 5B – Air Handling Units Manufactured by Trane

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 6A – Replace Chiller and Pumps

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 6B – Chillers Manufactured by Trane

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 7 – Remove Existing and Install New Domestic Water Heater

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 8 – Schneider Electric Temperature Controls Manufactured by Precision Controls

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$) _____
(sum in figures) ADD
DEDUCT

Alternate Bid No. 9 – Chemical Water Treatment Manufactured by Global Water Technology Inc.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 10 – Existing Playground Demolition and New Asphalt Paving

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

PART II

(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you? _____ If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____ this _____ day of _____, 20

(Name of Organization)

By

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

(Title)

Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

- A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

- A. Definitions: Alternates are defined as alternate products, materials, equipment, installations, or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

- A. ALTERNATE NO. 1: State the cost to remove the existing acoustic ceiling system, existing devices, and lighting fixtures where noted on drawings as alternate bid. Install new acoustic ceiling system and LED lighting and reinstall devices as noted in corridors. Refer to the drawings for notes and work denoted as "ALTERNATE – CORRIDOR COMMONS REFRESH". **Base Bid:** No additional work in corridors outside the base bid scope.
- B. ALTERNATE NO. 2: State the cost to provide carpet manufactured by Tarkett if not already included in your base bid.
- C. ALTERNATE NO. 3: State the cost to install new hydronic coils in dedicated classrooms, and extend ductwork from classrooms into corridor, and any associated work. Refer to drawings. **Base Bid:** Existing mechanical system in classrooms and corridors to remain.
- D. ALTERNATE NO. 4A: State the cost to replace the (2) air handling units in the gymnasium mezzanine and any associated work. Refer to drawings. **Base Bid:** Existing air handling units in the gymnasium mezzanine to remain.

- E. ALTERNATE NO. 4B: State the cost to provide Air Handling Units manufactured by Trane to be installed as indicated on the Mechanical Drawings and Specifications if not already included in Alternate No. 4A.
- F. ALTERNATE NO. 5A: State the cost to replace the (4) air handling units above the cafeteria ceiling and related work. Refer to drawings. **Base Bid:** Existing air handling units above the cafeteria ceiling to remain.
- G. ALTERNATE NO. 5B: State the cost to provide Air Handling Units manufactured by Trane to be installed as indicated on the Mechanical Drawings and Specifications if not already included in Alternate No. 5A.
- H. ALTERNATE NO. 6A: State the cost to replace the chiller and pumps and associated related work. Refer to drawings. **Base Bid:** Existing chiller and pumps to remain.
- I. ALTERNATE NO. 6B: State the cost to provide Chillers manufactured by Trane to be installed as indicated on the Mechanical Drawings and Specifications if not already included in Alternate No. 6A.
- J. ALTERNATE NO. 7: State the cost to remove the existing domestic water heater and provide and install a new domestic water heater, including all associated and related work. Refer to drawings. **Base Bid:** Existing domestic water heater system to remain.
- K. ALTERNATE NO. 8: State the cost to provide Schneider Electric Temperature Controls manufactured by Precision Controls as indicated on the Mechanical Drawings and Specifications if not already included in your Base Bid.
- L. ALTERNATE NO. 9: State the cost to provide Chemical Water Treatment manufactured by Global Water Technology Inc. to be installed as indicated on the Plumbing Drawings and Specifications if not already included in your bid.
- M. ALTERNATE NO. 10: State the cost to remove the existing mulch, sub-grade as required for undisturbed sub-soil, existing play structures, including all associated and related work as required to prepare the area indicated for new Asphalt Paving. Install new Asphalt Paving and blend into existing paving, refer to Civil Drawings for depth and type of paving. Base Bid: Existing play area to remain.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

ADDENDUM TWO

Addendum Two (AD.02) to the drawings and specifications prepared by Gibraltar Design for **Lake Street Elementary School Improvements** for Crown Point Community School Corporation, Crown Point, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and Addendum One, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 09 65 68** **Roll Rubber Flooring**
 - A. Add new Paragraph 2.1.A.2.c. as follows: "c. North West Rubber - SportFloor as an acceptable Manufacturer, Product ProXL".
2. **Specification Section 27 11 27** **Data Center Uninterruptible Power Supply**
 - A. Remove this section in its entirety

DRAWINGS

3. **Sheet AD-101**
 - A. In Storage A-107, remove existing cage type wall dividing the space.
4. **Sheet AD-103**
 - A. In Art C-121, remove existing drywall partition wall dividing the overall space in two.
5. **Sheet A-101**
 - A. At Classroom Doors A-118A, A-119A, C-120A and A-121A, replace note 47 with note 43.
6. **Sheet A-703**
 - A. Revise Bleacher Key Notes #4 and #5 to read as follows:
 4. (11) - 26" ROWS WITH 3 AISLES.
 5. 427 NET SEATS (18" WIDE) WITH 6 RECOVERABLE / RETRACTABLE SEATS FOR 6 ADA COMPLIANT WHEELCHAIR SEATING LOCATIONS
7. **Sheet A-901 – A-903**
 - A. Revise plans to reflect locations of lighting fixtures shown on electrical drawings.
8. **Sheet A-901 – A-904**
 - A. Revise Reflected Ceiling Plan Note 90 to read: "NO ARCHITECTURAL WORK IN THIS AREA. REFER TO ELECTRICAL SHEETS FOR ANY PROPOSED LIGHTING UPDATES."

**9. Sheet MV-103**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Added gef-1 to storage C-126
 - 2. Added transfer air grilles and ducts to storage C-126

10. Sheet MV-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Added Supply Air Grille and Ductwork to Storage D-102

11. Sheet M-501

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Added GEF-1 to Mechanical Equipment Schedule
 - 2. Added E2 to Grille, Register and Diffuser Schedule

12. Sheet TD-100 through TD-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Revised Demo Notes
 - 2. Added demo note locations on the plans.

13. Sheet ED-102

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Added existing devices to be relocated

14. Sheet ED-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Added existing floorboxes
 - 2. Added existing devices to be relocated

15. Sheet EL-101

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Revised Sheet Note

16. Sheet EL-102

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Revised sheet note
 - 2. Added relocated exterior wallpacks

17. Sheet EL-103

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:



1. Revised Sheet Note

18. Sheet EL-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Added relocated exterior wallpacks

19. Sheet EP-102

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Added relocated devices

20. Sheet EP-103

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Added GEF-1 electrical connection

21. Sheet EP-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Added sheet note
 2. Added relocated devices
 3. Revised floorboxes to existing

22. Sheet E-601

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Added GEF-1 to mechanical equipment schedule
 2. Added circuit to ex. Panel 17

23. Sheet

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1.

24. Sheet T-102

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. added exterior paging horn rough-in location.

25. Sheet T-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Office D-105 exterior, added new WAP location.
 2. Vestibule D-101 and Lobby D-102, reconfigured door access control requirements

Pages 1 through 4, inclusive, (No Specification Sections), and twenty (20) Full-Size Drawings, constitute the total makeup of **Addendum Two**.



GIBRALTAR

DESIGN

Lake Street Elementary School Improvements

21-117



GIBRALTAR

DESIGN

Joseph P. Briggs

Y:\21-117 Crown Point CSC - Lake Street ES Improvements\Specs\Addendum TWO\AD02.doc

- SHEET NOTES
1.

CLASSROOM DEHUMIDIFICATION ALTERNATE:
PROVIDE DUCT MOUNTED HOT WATER HEATING
COIL.
2.

CORRIDOR COTTONS REFRESH ALTERNATE:
PROVIDE NEW SUPPLY AIR DIFFUSER.



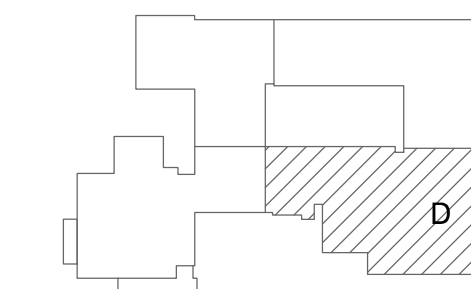
GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
LAKE STREET
ELEMENTARY
SCHOOL ADDITION,
RENOVATION AND
RELATED WORK

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION

CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-117
DATE
05/15/23
COORDINATED BY
SM
DRAWN BY
KS
CHECKED BY
DJ

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON
THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND
WILL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT
OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR
INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS
PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
AD-2	06/02/23	ADDENDUM NO. 02	

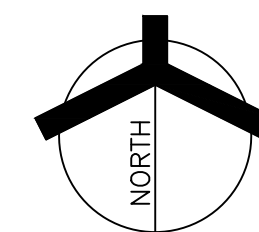
DRAWING
PARTIAL MECHANICAL
FIRST FLOOR
VENTILATION PLAN

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

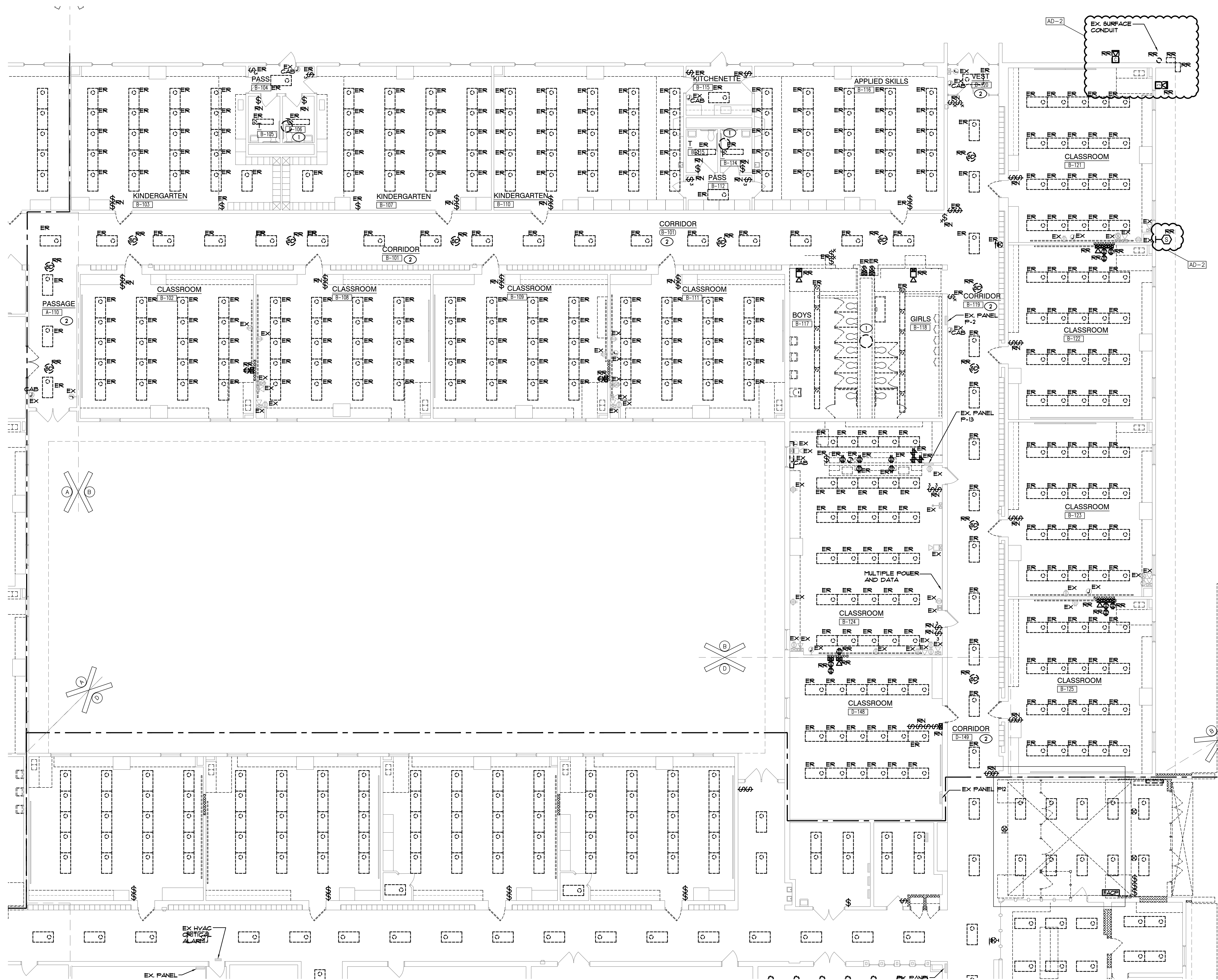
© GIBRALTAR DESIGN SHEET
MV104



PARTIAL MECHANICAL FIRST FLOOR VENTILATION PLAN
SCALE: 1/8" = 1'-0"



MECHANICAL EQUIPMENT SCHEDULE																																													
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	EFF	FAN MOTOR DATA										CHILLED WATER COOLING EQUIPMENT/COIL DATA										HOT WATER HEATING EQUIPMENT/COIL DATA										ELECTRICAL DATA								UNITS CONTROLLED	EQUIPMENT WEIGHT	REMARKS
					MIN OAL CFM			TSP	ESP	BHP	HP	RPM	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EUT	LWT	MAX WPD	CAT	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EUT	LWT	MAX WPD	LOAD	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ	MC	EC				
					CFM	HIGH	LOW																																			HP			
C-1	TRANE	RTAF-280	GRADE MOUNTED AIR COOLED CHILLER	1006 EER	-	4125	1263	-	-	3	4.1	5	2240	185	138	31	80.9	65.6	50.2	50.1	42	54	15	-	-	214.6	21	46	94	180	160	15	-	28	-	-	50	208	3	60	X	-	FM5	10520	NOTE 1
AH-1	TRANE	UCCA410	INTERIOR CENTRAL STATION AIR HANDLING UNIT HW HEATING / CHW COOLING - YAV	-	4125	1263	-	-	3	4.1	5	2240	185	138	31	80.9	65.6	50.2	50.1	42	54	15	-	-	214.6	21	46	94	180	160	15	-	28	-	-	50	208	3	60	X	-	FM5	1105	NOTE 2	
AH-2	TRANE	UCCA412	INTERIOR CENTRAL STATION AIR HANDLING UNIT HW HEATING / CHW COOLING - SZVAV	-	6000	1500	-	-	2	5.9	1 1/2	2536	184	126	39	18.3	68.2	59.2	58.2	42	54	15	-	-	288	29	51	96	180	160	15	-	35.5	-	-	60	208	3	60	X	-	FM5	1826	NOTE 2	
AH-3	TRANE	UCCA410	INTERIOR CENTRAL STATION AIR HANDLING UNIT HW HEATING / CHW COOLING - SZVAV	-	5000	2000	-	-	2	4.8	1 1/2	2302	199	141	40	80.0	61.0	54.4	54.0	42	54	15	-	-	286	29	40	92	180	160	15	-	35.5	-	-	60	208	3	60	X	-	FM5	1630	NOTE 2	
AH-4	TRANE	UCCA411	INTERIOR CENTRAL STATION AIR HANDLING UNIT CHW COOLING - SZVAV	-	8500	2125	-	-	15	9.4	10	2442	334	235	61	80.0	61.0	54.9	54.2	42	54	15	-	-	-	-	-	-	-	-	-	-	53	-	-	90	208	3	60	X	-	FM5	2099	NOTE 2	
AH-5	TRANE	UCCA412	INTERIOR CENTRAL STATION AIR HANDLING UNIT HW HEATING / CHW COOLING - YAV	-	6000	1500	-	-	3	7.1	10	2663	241	185	48	81.6	66.4	53.6	53.1	42	54	15	-	-	331	34	45	96	180	160	15	-	53	-	-	90	208	3	60	X	-	FM5	1910	NOTE 2	
AH-6	TRANE	UCCA430	INTERIOR CENTRAL STATION AIR HANDLING UNIT HW HEATING / CHW COOLING - SZVAV	-	15000	5000	-	-	2	8.1	10	2291	553	353	110	80.3	69.1	58.9	57.8	42	54	15	-	-	830	83	45	96	180	160	15	-	74.8	-	-	125	208	3	60	X	-	FM5	3301	NOTE 2	
UV-1	ENGINEERED AIRE	RUV-1600	VERTICAL UNIT VENTILATOR - 4 PIPE HW HEATING/CHW COOLING	-	1600	460	-	-	-	-	3/4	-	63	43	12	80.0	67.0	55.0	54.0	42	54	15	-	-	101	11	40	95	180	160	15	-	13	-	-	20	120	1	60	X	-	FM5	700	NOTE 3	
FC-1	TRANE	BHCE036	HORIZONTAL DUCTED FAN COIL - HW HEATING / CHW COOLING	-	830	215	-	-	0.8	0.4	1/2	1448	36	26	7.4	19.0	64.0	50.0	46.0	42	54	5	-	-	82.3	81	41	138	180	160	5	-	9.3	-	-	15	120	1	60	X	-	FM5	299	NOTE 4	
FC-2	TRANE	FCCB060	HORIZONTAL DUCTED FAN COIL - HW HEATING / CHW COOLING	-	555	180	-	-	0.5	0.1	2/3	1213	23	16	8	82.4	61.8	55.9	54.6	42	54	5	-	-	18	23	46	76	180	160	5	-	3.88	-	-	15	120	1	60	X	-	FM5	128	NOTE 4	
FC-3	TRANE	FCCB060	HORIZONTAL DUCTED FAN COIL - HW HEATING / CHW COOLING	-	520	190	-	-	0.4	-																																			



GENERAL NOTES

- 1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
- 2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
- 3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
- 4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
- 5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
- 6. PROVIDE ALL LABOR AS REQUIRED TO COMPLETELY REMOVE ABANDONED LOW VOLTAGE DEVICES; REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL INFORMATION.

SHEET NOTES

- 1. EXISTING EXHAUST FAN TO BE REMOVED, DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION, COMPLETE AS REQUIRED.
- 2. ALTERNATE DEMO ELECTRICAL WORK IN CORRIDORS.

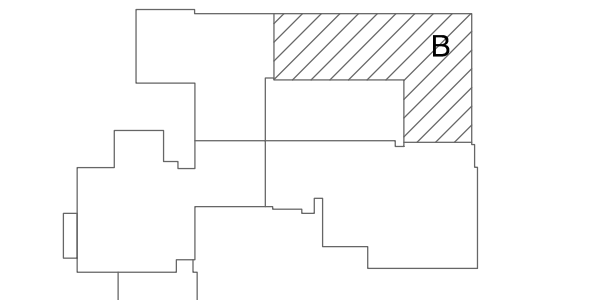


GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT
LAKE STREET
ELEMENTARY
SCHOOL ADDITION,
RENOVATION AND
RELATED WORK

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-117
DATE
05/15/23
COORDINATED BY
SM
DRAWN BY
AG
CHECKED BY
DJ

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

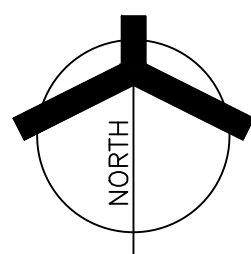
REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	06/02/23	ADDENDUM NO. 02

DRAWING
PARTIAL ELECTRICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

© GIBRALTAR DESIGN SHEET
ED102

PARTIAL ELECTRICAL FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 14000 PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 225A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #0 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

2. ALTERNATE NEW LIGHTING FIXTURES AND CONTROLS IN CORRIDORS.

GENERAL NOTES

1. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.

2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.

3. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

4. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHINGS TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES

ENGINEERING GROUP

(317) 924-8400

www.milliesengineeringgroup.com

PROJECT

LAKE STREET

ELEMENTARY

SCHOOL ADDITION,

RENOVATION AND

RELATED WORK

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION

CROWN POINT, INDIANA

PARTIAL ELECTRICAL FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-117
DATE
05/15/23
COORDINATED BY
SM
DRAWN BY
AG
CHECKED BY
DJ

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
AD-2	06/02/23	ADDENDUM NO. 02	

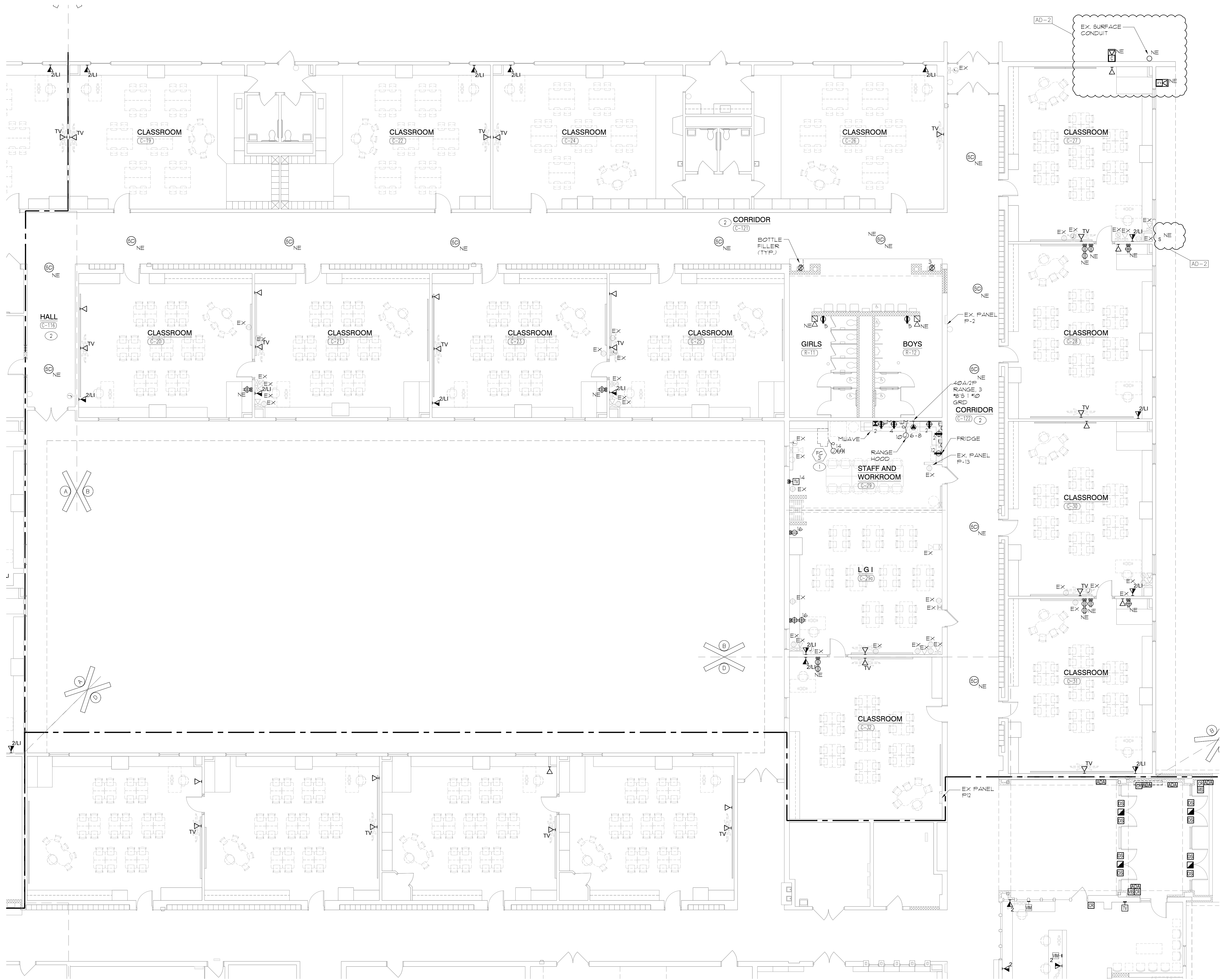
DRAWING
PARTIAL ELECTRICAL
FIRST FLOOR LIGHTING
PLAN

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

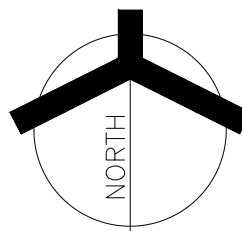
PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK



PARTIAL ELECTRICAL FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES

1. CIRCUIT ALL DEVICES TO EXISTING PANEL P13 UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD. UTILIZE EXISTING CIRCUIT BREAKERS MADE AVAILABLE FROM DEMOLITION.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGHING-IN.
3. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES. REPAIR SURFACES TO MATCH EXISTING OR NEW FINISH.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. ALTERNATE NEW ELECTRICAL WORK IN CORRIDORS.



GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

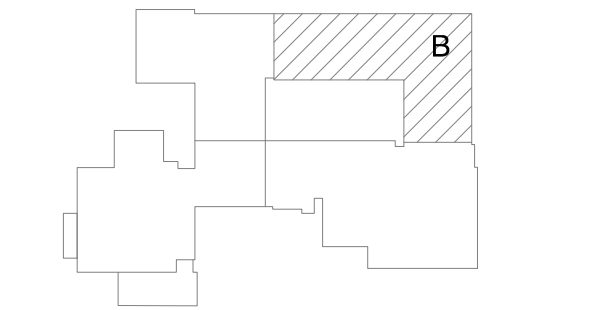


PROJECT

LAKE STREET
ELEMENTARY
SCHOOL ADDITION,
RENOVATION AND
RELATED WORK

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION

CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

GIBALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-117
DATE
05/15/23
COORDINATED BY
SM
DRAWN BY
AG
CHECKED BY
DJ

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

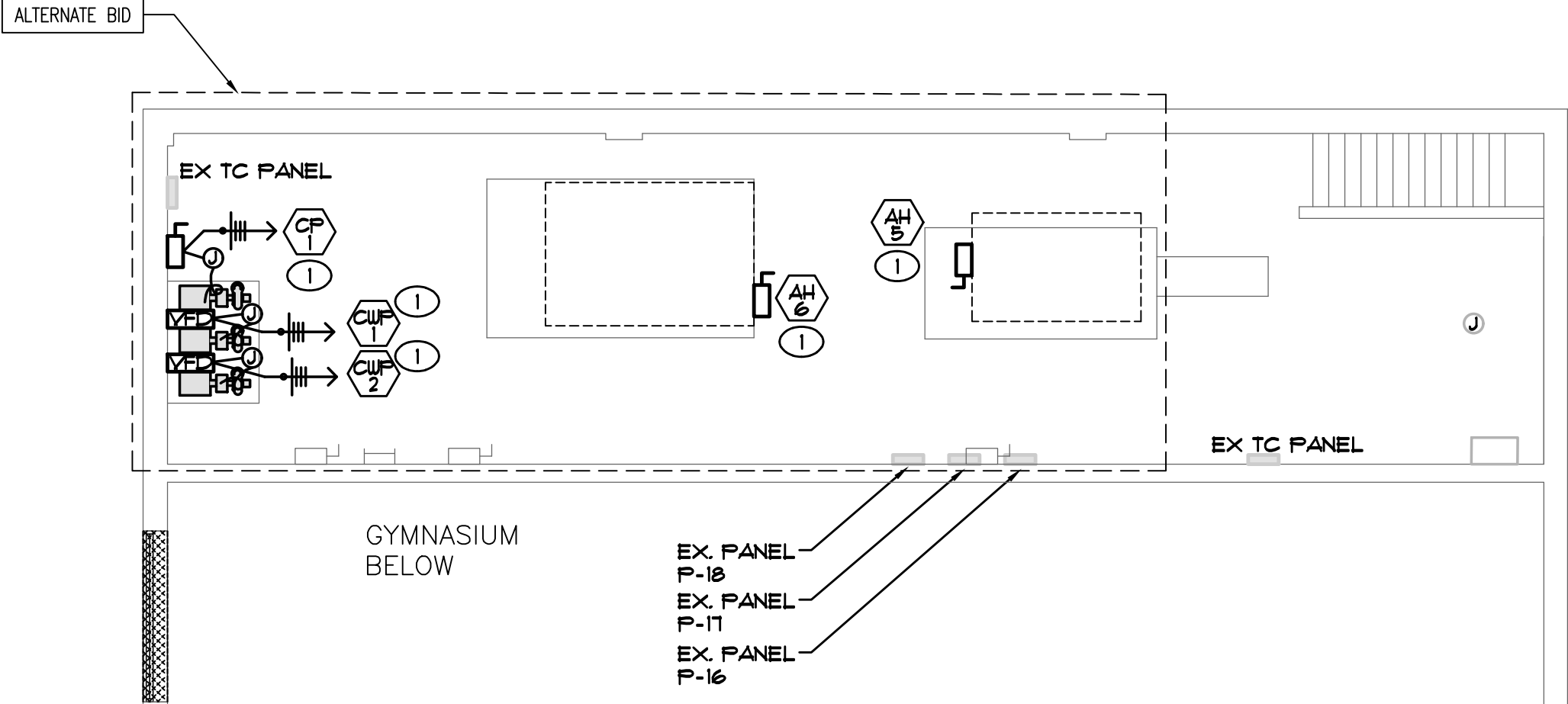
REVISIONS		
MARK	DATE	ISSUED FOR

AD-2 06/02/23 ADDENDUM NO. 02

DRAWING
PARTIAL ELECTRICAL
FIRST FLOOR POWER
PLAN

PROJECT
LAKE STREET ELEMENTARY SCHOOL
ADDITION, RENOVATION AND
RELATED WORK

© GIBALTAR DESIGN SHEET
EP102



DRAWING	
PARTIAL ELECTRICAL FIRST FLOOR POWER PLAN	
PROJECT LAKE STREET ELEMENTARY SCHOOL ADDITION, RENOVATION AND RELATED WORK	
PREPARED BY ARCHITECTURAL DESIGN	SHEET EP103

MECHANICAL EQUIPMENT CONNECTION SCHEDULE																		
TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS							CABLE	C	MC	EC		
C-1	GRADE MOUNTED AIR COOLED CHILLER	45138	-	544	-	-	100	480	3	SEE ONE-LINE	SEE ONE-LINE	100A/3P	(2 SETS) 4 #000 4 1 1/4" GRD	(2) 3-1/2"	X	-	-	-ALTERNATE: REFUSE EX. SWITCH
AH-1	AIR HANDLER	10016	-	28	-	-	50	208	3	EX. P-18	35-37-38	50A/3P	4 # 4 1 1/2" GRD	1"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
AH-2	AIR HANDLER	12114	-	35.5	-	-	60	208	3	EX. P-18	30-32-34	60A/3P	4 # 4 1 1/2" GRD	1-1/4"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
AH-3	AIR HANDLER	12114	-	35.5	-	-	60	208	3	EX. P-18	42-44-46	60A/3P	4 # 4 1 1/2" GRD	1-1/4"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
AH-4	AIR HANDLER	13012	-	53	-	-	90	208	3	EX. P-18	36-38-40	90A/3P	4 # 2 1 1/2" GRD	1-1/4"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
AH-5	AIR HANDLER	13012	-	53	-	-	90	208	3	EX. P-11	1-3-5	90A/3P	4 # 2 1 1/2" GRD	1-1/4"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
AH-6	AIR HANDLER	26098	-	14.15	-	-	125	208	3	EX. P-11	2-4-6	125A/3P	4 # 1 1 1/2" GRD	1-1/4"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
UV-1	VERTICAL UNIT VENTILATOR - 4 PIPE HU HEATING/CHW COOLING	1560	-	13	-	-	20	120	1	VARIABLE	VARIABLE	20A/1P	2 #2 4 1 1/2" GRD	3/8"	X	-	-	-
FC-1	HORIZONTAL DUCTED FAN COIL - HU HEATING / CHW COOLING	1116	-	9.3	-	-	15	120	1	EX. P-18	35	20A/1P	2 #2 4 1 1/2" GRD	3/8"	X	-	-	-REPLACE EXISTING CIRCUIT BREAKER WITH NEW
FC-2	HORIZONTAL DUCTED FAN COIL - HU HEATING / CHW COOLING	528	-	3.88	-	-	15	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	X	-	-	-
FC-3	HORIZONTAL DUCTED FAN COIL - HU HEATING / CHW COOLING	1656	-	3.88	-	-	15	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	X	-	-	-
TEF-1	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. P-11	18	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-2	ROOF MOUNTED TOILET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-3	ROOF MOUNTED TOILET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-4	ROOF MOUNTED TOILET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-5	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-6	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-7	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-8	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-9	ROOF MOUNTED TOILET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-10	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
TEF-11	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
GEF-1	CEILING MOUNTED GENERAL EXHAUST FAN (STORAGE C-126)	636	1/2	-	-	-	-	120	1	EX. P-11	21	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-UTILIZIE EXISITNG CIRCUIT BREAKER
CH-1	RECESSED HU CABINET HEATER	165	-	-	-	-	15	120	1	VARIABLE	VARIABLE	VARIABLE	2 #2 4 1 1/2" GRD	3/8"	-	X	-	-
CP-1	CHILLED WATER RECIRCULATION PUMP	8108	1 1/2	-	-	-	-	208	3	EX. P-18	32-34-36	50A/3P	4 # 6 4 1 1/2" GRD	1"	-	-	-	-ALTERNATE: PROVIDE NEW CCT BRK IN EX. PANEL
CWP-1	CHILLED WATER DISTRIBUTION PUMP	11083	10	-	-	-	-	208	3	EX. P-11	1-9-11	60A/3P	4 # 4 4 1 1/2" GRD	1-1/4"	-	-	-	-ALTERNATE: PROVIDE NEW CCT BRK IN EX. PANEL
CWP-2	CHILLED WATER DISTRIBUTION PUMP	11083	10	-	-	-	-	208	3	EX. P-11	8-10-12	60A/3P	4 # 4 4 1 1/2" GRD	1-1/4"	-	-	-	-ALTERNATE: PROVIDE NEW CCT BRK IN EX. PANEL
TWH-1	TANKLESS WATER HEATER	480	-	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	-	-	-ALTERNATE: PROVIDE NEW CCT BRK IN EX. PANEL
RCP-1	RECIRCULATION PUMP	200	-	-	-	-	-	120	1	EX. PANEL	EX. CKT	20A/1P	2 #2 4 1 1/2" GRD	3/8"	-	-	-	-ALTERNATE: PROVIDE NEW CCT BRK IN EX. PANEL

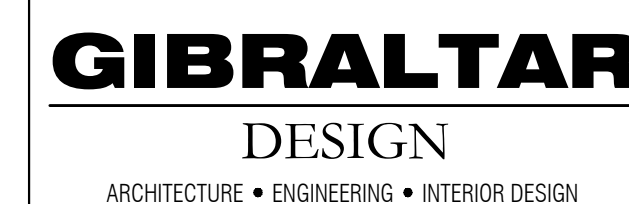
AD-2

EX. PANEL 17														
TOTAL KW: 95.1			ENCLOSURE: NEMA-1			PHASE: 3P			VOLTAGE: 120 / 208					
MOUNTING: SURFACE			BUSING: COPPER			FAULT CURRENT RATING: 22,000			AIC			[MVA/AMPS] 225		
FEEDER: SEE ONE-LINE						LOCATION: MEZZANINE								
LOAD DESCRIPTION		TRIP	POLE	LOAD			CCT. NO.	LOAD			C/B	TRIP	POLE	LOAD DESCRIPTION
				A*	B*	C*		A*	B*	C*				
AH-5		30			6351		1	2	8366			125		AH-6
					6351		3	4		8366				
					6351		5	6		8366				
CWP-1		60			3634		1	8	3634			60		CWP-2
					3634		9	10		3634				
			3			3634	11	12			3634			
REC - G-II		20	1	1200			13	14	3500			50	2	KILN - RM C-58
M-PHONE - G-II		20	1		600		15	16		3500				TEF-1
M-PHONE - G-II		20	1			600	17	18			528	2		
EXISTING LOAD		20	1				19	20				20	1	EXISTING LOAD
EXISTING LOAD		15	1				21	22				20	1	EXISTING LOAD
PROJECTOR - G-5		20	1				23	24				20	1	EXISTING LOAD
EXISTING LOAD		165	1				25	26	1200			30	1	LIFT G-10
GEF-1		20	1			636	27	28				20	1	EXISTING LOAD
REC - SOUND CAB		20	1			636	29	30				20	1	EXISTING LOAD
REC - SOUND CAB		20	1	600			31	32				20	1	EXISTING LOAD
BACK BOARD - G5		20	1		1200		33	34	1200			20	1	BACK BOARD - G5
BACK BOARD - G5		20	1			1200	35	36		1200		20	1	BACK BOARD - G5
BACK BOARD - G5		20	1	1200			37	38	1560			20	1	UW-1 - RM C-51
BACK BOARD - G5		20	1		1200		39	40		1560		20	1	UW-1 - RM C-55
PROJ SCRN - G5		20	1			1200	41	42		1200		20	1	SHOT CLOCKS - G5
					13051	13141	14851			18320	18320	15588		
NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION														
TOTAL = 95.011														

AD-2

EX. PANEL 16															
TOTAL KW: 10.0		ENCLOSURE: NEMA-1				PHASE: 3P				VOLTAGE: 120 / 208					
MOUNTING: SURFACE		BUSING: COPPER				FAULT CURRENT RATING: 22,000				AIC		[MVA/AMP]: 225			
FEEDER: SEE ONE-LINE						LOCATION: MEZZANINE									
LOAD DESCRIPTION	TRIP	POLE	LOAD			CCT. NO.	LOAD			C/B	TRIP	POLE	LOAD DESCRIPTION	C/B	
			A*	B*	C*		A*	B*	C*						
SPACE	20					1	2				20		EXISTING LOAD		
EXISTING LOAD	20					3	4				20		EXISTING LOAD		
EXISTING LOAD	20					5	6				20		EXISTING LOAD		
EXISTING LOAD	20					7	8				20		EXISTING LOAD		
EXISTING LOAD	20					9	10				20		EXISTING LOAD		
EXISTING LOAD	20					11	12				20		EXISTING LOAD		
EXISTING LOAD	20					13	14				20		EXISTING LOAD		
EXISTING LOAD	20					15	16				20		EXISTING LOAD		
EXISTING LOAD	20					17	18				20		EXISTING LOAD		
EXISTING LOAD	20					19	20				20		EXISTING LOAD		
EXISTING LOAD	20					21	22				20		EXISTING LOAD		
EXISTING LOAD	20					23	24				20		EXISTING LOAD		
EXISTING LOAD	20					25	26				20		EXISTING LOAD		
EXISTING LOAD	20					27	28				20		EXISTING LOAD		
TV/REC - RM C-50	20				900	29	30			900	20		TV/REC - RM C-51		
REC - RM C-50	20		1000			31	32	800			20		REC - RM C-51		
EXISTING LOAD	20					33	34	1000			20		REC - RM C-51		
EXISTING LOAD	20					35	36			900	20		TV/REC - RM C-55		
SPACE	20					37	38	800			20		REC - RM C-55		
REC - RM C-54	20					39	40	800			20		REC - RM C-55		
TV/REC - RM C-54	20				900	41	42		1000		20		REC - RM C-56/58		
			1000	1000	1000			1600	1800	1800					
NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION														A* = 2600 B* = 2800 C* = 6600 TOTAL = 10.000	

EX. PANEL 18																			
TOTAL KW: 18.9			ENCLOSURE: NEMA-1			PHASE: 3P			VOLTAGE: 120 / 208										
MOUNTING: SURFACE			BUSING: COPPER			FAULT CURRENT RATING: 22,000 AIC (MVA/AMP): 225													
FEEDER: SEE ONE-LINE			LOCATION: MEZZANINE																
C/B					LOAD					C/B					LOAD				
LOAD DESCRIPTION		TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION						
EXISTING LOAD							1	2					EXISTING LOAD						
EXISTING LOAD							3	4					EXISTING LOAD						
EXISTING LOAD							5	6					EXISTING LOAD						
EXISTING LOAD							7	8			20	1	EXISTING LOAD						
EXISTING LOAD							9	10			20	1	EXISTING LOAD						
EXISTING LOAD							11	12			20	1	EXISTING LOAD						
EXISTING LOAD							13	14					EXISTING LOAD						
EXISTING LOAD							15	16					EXISTING LOAD						
EXISTING LOAD							17	18			20	1	EXISTING LOAD						
LTG - TRK LTG G-5		20	1	300			19	20			20	1	EXISTING LOAD						
LTG - TRK LTG G-11		20	1		300		21	22			20	1	EXISTING LOAD						
LTG - TRK LTG G-11		20	1			300	23	24			20	1	EXISTING LOAD						
LTG - 9TAGE		20	1	474			25	26			20	1	EXISTING LOAD						
EXISTING LOAD							27	28			20	1	EXISTING LOAD						
EXISTING LOAD							29	30			20	1	EXISTING LOAD						
LTG - RM C-51/5/8		20	1	960			31	32	2902		50		CP-1 - MEZZ						
LTG - RM C-35/5/6		20	1		864		33	34		2902			CP-1 - MEZZ						
CH-1 - RPT G-2		20	1			1446	35	36			2902		CP-1 - MEZZ						
CH-1 - RPT C-3		20	1	160			37	38	500		20	3	CP-1 - MEZZ						
GYM SPEAKERS		20	1		1200		39	40		500			BLEACHERS						
GYM SPEAKERS		20	1			1200	41	42			500		BLEACHERS						
					2502	2964	3246				3402	3402	3402						
A= 5904																			
B= 6366																			
C= 6648																			
TOTAL= 18.9B																			
NOTE: REFER TO GENERAL NOTE 'B'																			
FOR ADDITIONAL INFORMATION																			



**TECHNOLOGY
DYNAMICS**
www.techdyn.net

PROJECT

LAKE STREET
ELEMENTARY
SCHOOL

FOR:
CROWN POINT COMMUNITY
SCHOOL CORPORATION

CROWN POINT, INDIANA



GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT	21-117
---------	--------

DATE
05/15/23

COORDINATED B

ZHW

DRAWN BY
RKS

DRS
CHECKED BY

TKP

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGN

THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND
WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE C
THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM
FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT
OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR
INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS

PROJECT.		
REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	6/02/23	ADDENDUM NO. 2

DRAWING
TELECOMMUNICATIONS
FIRST FLOOR PLAN - UNIT D

PROJECT
LAKE STREET ELEMENTARY SCHOOL

© GIBRALTAR DESIGN	SHEET
D	T-104

GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTICES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO T SERIES SHEETS.
- B. NEW SURFACE RACEWAY SHALL MATCH EXISTING RACEWAY.
- C. ALL EXISTING WALLS REQUIRE SURFACE RACEWAY VERTICALLY FROM NEW RACEWAY TO CEILING. IF A RACEWAY CONFLICTING WITH A MARKER BOARD, THE RACEWAY MUST RUN VERTICALLY AT THE EDGE OF THE BOARD AND BE HORIZONTAL TO THE BOARD.
- D. EXISTING SURFACE RACEWAY MAY BE MODIFIED AND RE-USED. COORDINATE WITH DEMO PLANS TO IDENTIFY RACEWAY TO REMAIN. ABANDONED RACEWAY RACEWAY TERMINATED.
- E. IF A UN-USED PATHWAY IS IN THE WALL IT MAY BE USED FOR THE NEW OUTLET LOCATION.
- F. NEW DOOR CUTS TO BE ABOVE OR MODIFIED CLASSROOMS MAY REQUIRE SURFACE RACEWAY TO BE MOVED.

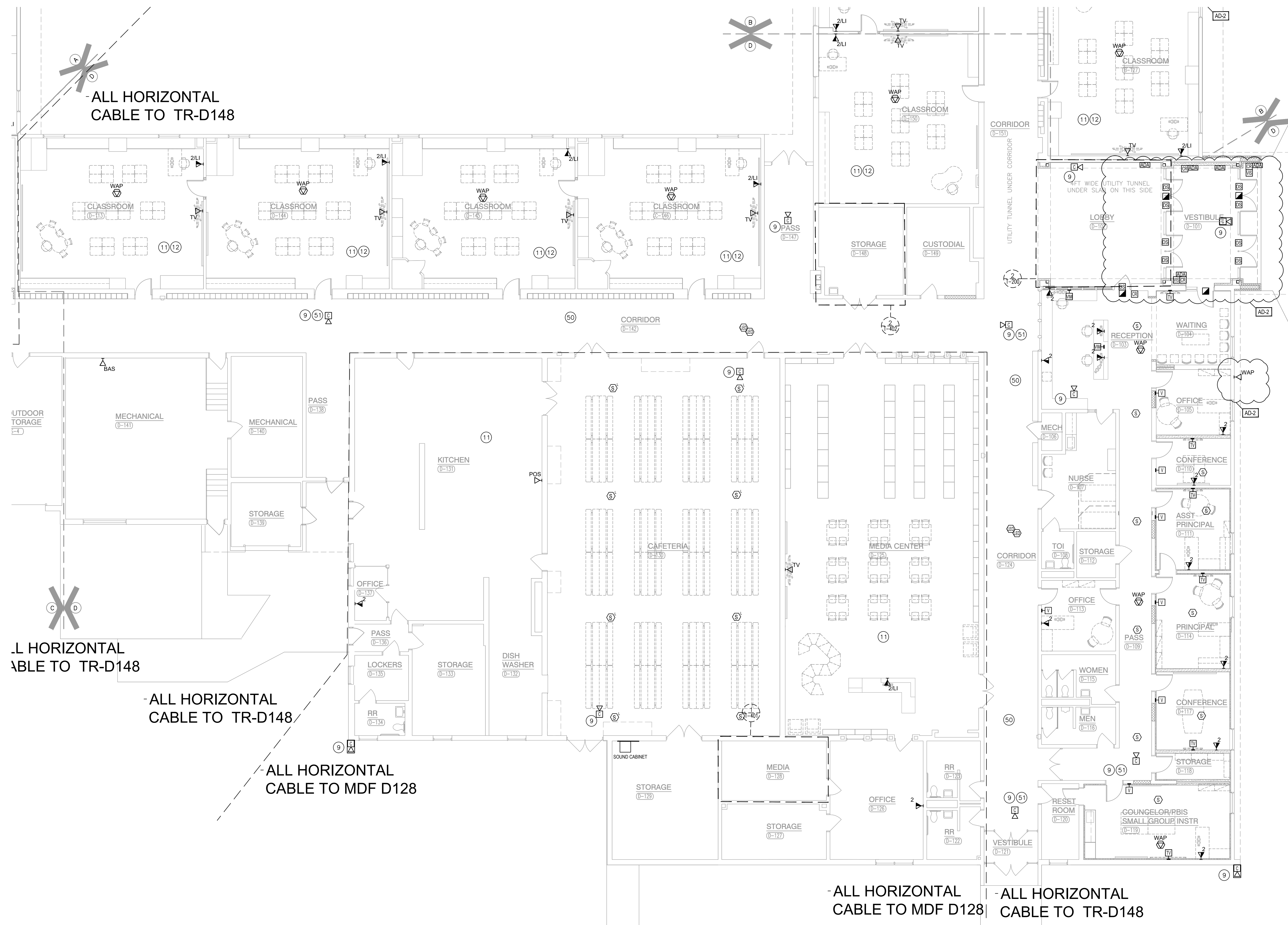
PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- ① UTILIZE EXISTING SURFACE RACEWAY WHERE POSSIBLE.
- ② EXISTING DATA OUTLET AND RACEWAY MODIFY IF NECESSARY DUE TO INSTALLATION OF NEW DOORWAY. PROVIDE NEW DATA CABLE.
- ③ RELOCATE EXISTING DATA OUTLET IN HORIZONTAL RACEWAY IF NEEDED DUE TO INSTALLATION OF NEW DOORWAY.
- ④ RELOCATE EXISTING DATA OUTLET AND VERTICAL RACEWAY AS REQUIRED DUE TO INSTALLATION OF NEW DOORWAY.
- ⑤ RELOCATE EXISTING POWER AND DATA. PROVIDE NEW BOXES AND CONDUITS AS REQUIRED.
- ⑥ PROVIDE NEW CLASSROOM PAGING SPEAKER CONNECT TO EXISTING SPEAKER CABLING. (MATCH EXISTING CEILING MOUNTED SPEAKERS MODEL).
- ⑦ NOT USED – EXISTING POWER AND DATA JUNCTION BOX TO REMAIN.
- ⑧ EXISTING CARD READER TO BE INSTALLED AT NEW DOOR LOCATION.
- ⑨ PROVIDE NEW DATA CABLE FOR EXISTING SECURITY CAMERA
- ⑩ EXISTING INTERCOM SPEAKER(S) TO BE REINSTALLED IN NEW CEILING.
- ⑪ EXISTING LOCAL SOUND SYSTEM SPEAKER(S) TO BE REINSTALLED IN NEW CEILING.
- ⑫ EXISTING SECURITY CAMERA(S) TO BE REINSTALLED IN NEW CEILING.
- ⑬ EXTEND EXISTING RACEWAY AND/OR PROVIDE NEW RACEWAY AS REQUIRED.

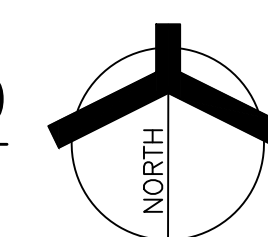
ALTERNATE BID - CORRIDOR COMMONS REFRESH

- (50) RE-INSTALL CEILING SPEAKERS IN NEW CEILING. (TYPICAL OF ALL EXISTING SPEAKERS).
- (51) EXISTING SECURITY CAMERA(S) TO BE REINSTALLED IN NEW CEILING



TELECOMMUNICATIONS FIRST FLOOR PLAN - UNIT D

SCALE: 1/8" = 1'-0"



Thursday, 6/1/2023 - 1:15 PM - LAST SAVED BY:TKPOO
C:\USERS\ZACH\DROPBOX\CROWN_POINT_
COMMUNITY_SCHOOLS\LAKE STREET
ELEMENTARY\DRAWINGS\T-DRAWINGS\T-104.DWG

- A. THE CONTRACT DOCUMENTS DO NOT PROPOSE TO SHOW ALL SYSTEMS, MATERIALS, OR EQUIPMENT EXISTING ON THE PROJECT THAT WILL REQUIRE DEMOLITION. DEMOLITION DRAWINGS ARE BASED ON PARTIAL FIELD DEMOLITION REPORT INFORMATION SUBMITTED TO THE CONSULTANT BEFORE DISTURBING EXISTING INSTALLATION.
- B. REMOVE ALL ABANDONED CABLEING AS DEFINED BY THE NEC.
- C. ALL REMOVED TECHNOLOGY AND / OR SECURITY DEVICE TO BE INVENTORIED AND TURNED OVER TO THE OWNER. PROTECT AND STORE AS DIRECTED BY THE OWNER.
- D. IDENTIFY ITEMS TO BE SALVAGED WITH THE OWNER. PROVIDE NON-DESTRUCTIVE REMOVAL OF SYSTEMS, MATERIALS, AND EQUIPMENT FOR REUSE OR SALVAGE.
- E. REMOVE ALL COMMUNICATIONS DEBRIS FROM SITE AND LEGALLY DISPOSE.
- F. COORDINATE ALL LOW VOLTAGE DEMO ACTIVITY WITH CONSTRUCTION MANAGER, REVIEW DEMO PHASING PLANS.
- G. CONTRACTOR UNDERSTANDS THAT ADJACENT AREAS NEED TO REMAIN IN PROTECTION AND THE CONTRACTOR SHALL TAKE THESE AREAS NEED TO BE MAINTAINED.
- H. CONTRACTOR SHALL NOTIFY THE OWNER AND CONSULTANT NO LESS THAN THREE DAYS IN ADVANCE BEFORE COMMENCING ANY DEMOLITION TO INSURE THAT NO ADJACENT OCCUPIED AREAS WILL BE DISRUPTED.
- I. CONTRACTOR SHALL STOP ANY WORK WHEN REQUIRED.
- J. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TELEPHONE, DATA, CENTRAL SOUND, SECURITY CCTV AND ALARM SYSTEM SERVICES IN ALL EXISTING AREAS FOR DURATION OF PROJECT FOR MULTI-PHASED PROJECTS, CONTRACTOR SHALL MAINTAIN ALL EXISTING PERSONNEL PERSONNEL AS NECESSARY AND PROVIDE TEMPORARY WIRING, CROSS-COMMUNICATIONS, TERMINATION DEVICES, AND LABOR TO MAINTAIN OPERATION ACCEPTABLE TO THE OWNER. CONTRACTOR SHALL MAINTAIN ALL THE SPECIFICATIONS FOR ADDITIONAL INFORMATION RELATED TO PHASING.

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 EXISTING TELECOMMUNICATION OUTLET(S) TO BE REMOVED, IF OUTLET(S) ARE ON SURFACE RACEWAY IT CAN REMAIN IF IT DOES NOT INTERFERE WITH OTHER RENOVATION WORK.
- 2 EXISTING WIRELESS ACCESS POINT(S) TO BE REMOVED. REMOVE CABLE BACK TO THE SOURCE. SECURELY STORE IN A LOCATION DESIGNATED BY OWNER.
- 3 EXISTING CLOCK TO BE REMOVED. SECURELY STORE IN A LOCATION DESIGNATED BY OWNER.
- 4 EXISTING INTERCOM SPEAKER TO BE REMOVED.
- 5 NOT USED.
- 6 EXISTING AUDIO/VIDEO SYSTEMS AND DEVICES (PROJECTOR AND/OR TELEVISION) AND RELATED MOUNTS AND CABLING, ETC. TO REMAIN.
- 7 EXISTING AUDIO/VIDEO SYSTEMS AND DEVICES (PROJECTOR, TELEVISION, LOCAL SOUND, ETC.) AND RELATED MOUNTS AND CABLING, TO BE REMOVED. SECURELY STORE IN A LOCATION DESIGNATED BY OWNER.
- 8 EXISTING SECURITY DEVICES (CAMERAS, CARD READER, CONTROLLER, DOOR INTERCOM, ETC.) AND RELATED MOUNTS TO BE REMOVED. REMOVE CABLE BACK TO THE SOURCE. SECURELY STORE IN A LOCATION DESIGNATED BY OWNER.
- 9 EXISTING SECURITY DEVICES (CAMERAS) TO REMAIN. CEILING MOUNTED UNITS SHALL BE DISCONNECTED FROM CEILING TILE AND TEMPORARILY SUPPORTED TO STRUCTURE ABOVE CEILING. REINSTALL INTO NEW CEILING
- 10 EXISTING INTERCOM SPEAKER(S) TO REMAIN. DISCONNECT FROM CEILING TILE AND PROVIDE TEMPORARY ABOVE CEILING SUPPORT. (TYPICAL)
- 11 EXISTING WIRELESS ACCESS POINT TO REMAIN. DISCONNECT FROM CEILING TILE AND PROVIDE TEMPORARY ABOVE CEILING SUPPORT. REMOVE THE ABANDONED CABLE TO CABINETS AFTER CUT-OFF TO NEW CABLING.
- 12 EXISTING SECURITY DEVICES (CARD READER, CONTROLLER, DOOR INTERCOM, ETC.) TO REMAIN IN SERVICE AND/OR BE RELOCATED INTO NEW DOOR FRAMES.
- 13 EXISTING DEVICE (WIRELESS ACCESS POINT). REMOVE. ATTACH TO NEW CABLE RE-MOUNT TO NEW SOFFIT/FASCIA.
- 14 EXISTING SOUND CABINET TO REMAIN. AD-2
- 15 SOUND SYSTEM TO BE REMOVED.
- 16 CORNER MOUNTED CAMERA. REMOVE AND RE-ATTACH TO NEW SOFFIT/FASCIA. CONNECT TO NEW DATA CABLE. AD-2
- 17 EXISTING WALL MOUNTED DOME CAMERAS (ABANDONED) SHALL BE REMOVED AND RETURNED TO OWNER. PLUG PENETRATIONS.
- 18 EXISTING DEVICE (PAGING HORN); REMOVE AND RE-MOUNT TO NEW SOFFIT/FASCIA.
- 40 EXISTING INTERCOM SPEAKER(S) TO REMAIN. DISCONNECT FROM CEILING TILE AND PROVIDE TEMPORARY ABOVE CEILING SUPPORT. (TYPICAL). TO BE RE-INSTALLED INTO NEW CEILING
- 41 EXISTING LOCAL SOUND SYSTEM SPEAKER(S) TO REMAIN. DISCONNECT FROM CEILING TILE AND PROVIDE TEMPORARY ABOVE CEILING SUPPORT. (TYPICAL). TO BE RE-INSTALLED INTO NEW CEILING

50 EXISTING INTERCOM SPEAKER(S) TO REMAIN. DISCONNECT FROM CEILING TILE AND PROVIDE TEMPORARY ABOVE CEILING SUPPORT. (TYPICAL). TO BE REINSTALLED INTO NEW CEILING.

51 EXISTING SECURITY CAMERA(S) TO REMAIN. CEILING MOUNTED UNITS SHALL BE DISCONNECTED FROM CEILING TILE AND TEMPORARILY SUPPORTED TO STRUCTURE ABOVE CEILING. TO BE REINSTALLED INTO NEW CEILING

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-117 DATE 05/15/23 COORDINATED BY ZHW DRAWN BY BKS CHECKED BY TKP	
--	--

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

[illegible]

DRAWING
TELECOMMUNICATIONS
FIRST FLOOR DEMOLITION
PLAN - UNIT B

PROJECT
LAKE STREET ELEMENTARY SCHOOL

© GIBRALTAR DESIGN	SHEET
B	TD-102



GIBRALTAR
DESIGN

**TECHNOLOGY
DYNAMICS**
www.techdyn.net

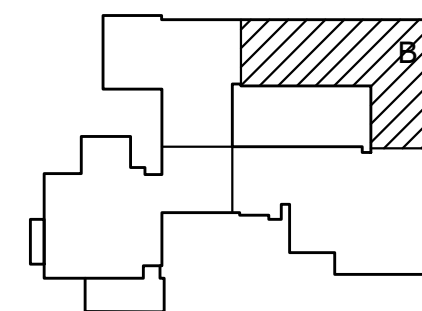
PROJECT

LAKE STREET
ELEMENTARY
SCHOOL

FOR:

CROWN POINT COMMUNITY
SCHOOL CORPORATION

CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-117 DATE 05/15/23 COORDINATED BY ZHW DRAWN BY BKS CHECKED BY TKP	
--	--

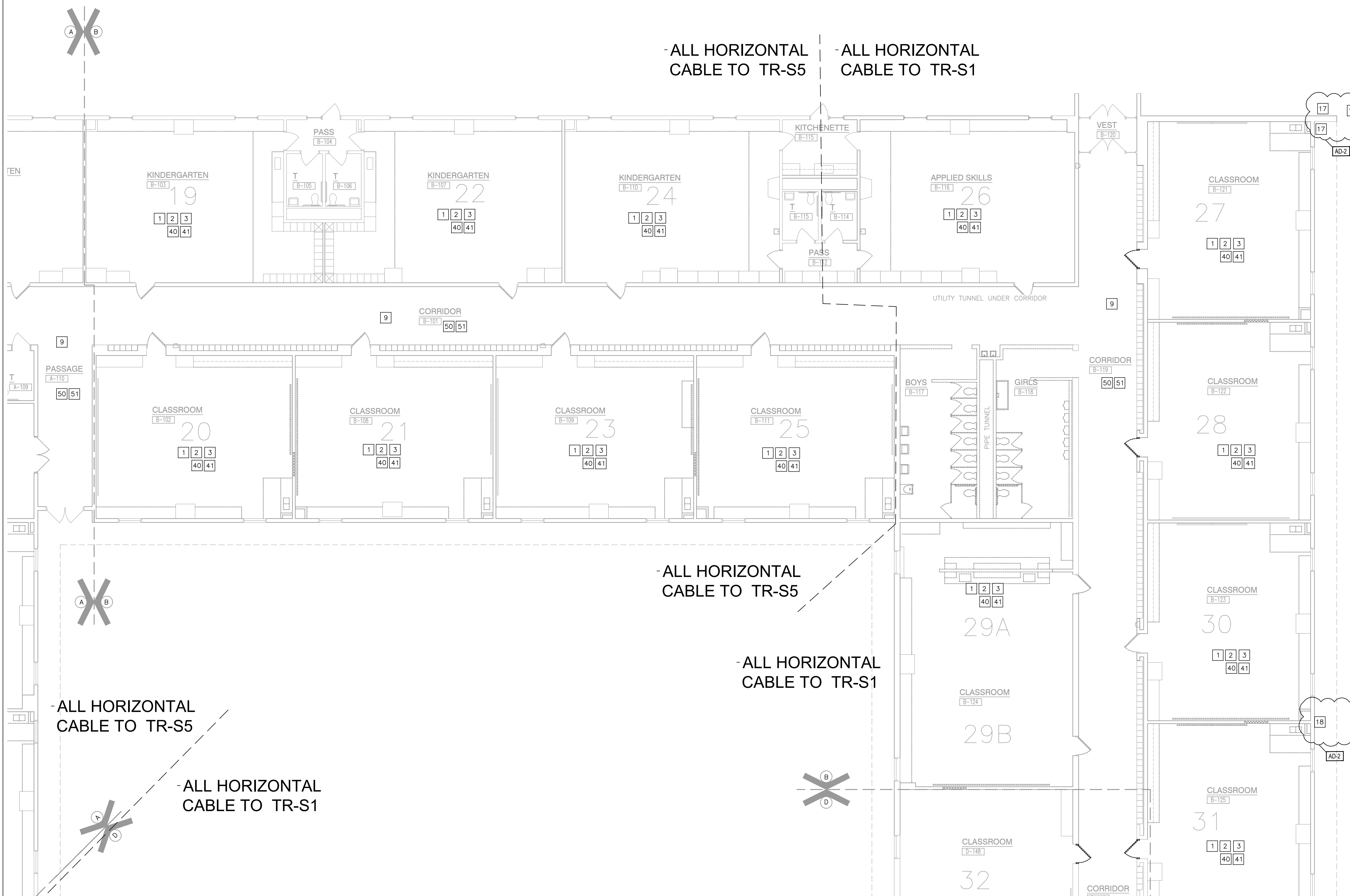
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

[illegible]

DRAWING
TELECOMMUNICATIONS
FIRST FLOOR DEMOLITION
PLAN - UNIT B

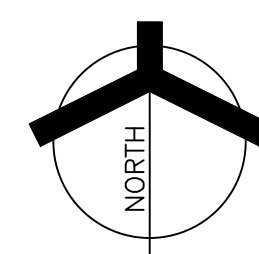
PROJECT
LAKE STREET ELEMENTARY SCHOOL

© GIBRALTAR DESIGN	SHEET
B	TD-102



TELECOMMUNICATIONS FIRST FLOOR DEMOLITION PLAN - UNIT B

SCALE: 1/8" = 1'-0"



Thursday, 6/1/2023 - 1:17 PM - LAST SAVED BY: ZACH
C:\USERS\ZACH\DROPBOX\CROWN_POINT_
COMMUNITY_SCHOOLS\LAKE STREET
ELEMENTARY_DRAWINGS\T-DRAWINGS\TD-102.DWG

