

ADDENDUM NO. 5

October 3, 2025

VALE FACILITY ADDITION/RENOVATIONS AND MAINTENANCE/IT FACILITY PROJECTS

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 September 4, 2025 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 5-1 through ADD 5-7 and attached and attached Addendum No. 5 from Gibraltar Design dated October 3, 2025, consisting of 5 pages and 8 Drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. DELETE:

Specification Section 12 25 00 - Roller Shades

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

A. BID CATEGORY NO. 1 - GENERAL TRADES

1. DELETE:

Specification Section 12 25 00 - Roller Shades

2. **REVISE:**

Clarification No. 12:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

3. **ADD:**

Clarification No. 23:

The **Bid Category No. 1 Contractor** is responsible for all bracing to masonry walls as shown on detail 11 in drawings S-001 (Maintenance) and S-403 (Vale).

Clarification No. 24:

The **Bid Category No. 1 Contractor** is responsible for the following: All existing pipe associated with STR. 2059 and 2068 shall be fully removed; any pipe located where the new building expansion shall be built is to be removed. The North invert on STR. 1231 shall be brick and mortared to cap the invert. The existing water main North of the hot tap assembly shall be removed including the vault. The North side of the hot tap assembly shall have a restrained cap and thrust block installed to terminate flow North.

C. BID CATEGORY NO. 3 - ROOFING

1. **REVISE:**

Clarification No. 3:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

E. BID CATEGORY NO. 5 - METAL STUDS/DRYWALL/CEILINGS

1. **ADD:**

Clarification No. 4:

The **Bid Category No. 5 Contractor** is responsible for all spray on firestopping as indicated on drawing A-412 / Detail 1 & 2.

H. BID CATEGORY NO. 8 - FOOD SERVICES

1. **REVISE:**

Clarification No. 3:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

I. BID CATEGORY NO. 9 - PLUMBING

1. **REVISE:**

Clarification No. 6:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

J. BID CATEGORY NO. 10 - MECHANICAL

1. **REVISE:**

Clarification No. 7:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

K. BID CATEGORY NO. 11 - ELECTRICAL

1. **REVISE:**

Clarification No. 9:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 3 Contractor** is to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 8 Contractor** is responsible to provide all demolition, cutting and patching of Food Service related work. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 11 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents. Each of the contractors listed above is responsible for providing their own curbs. All flashing associated with roof openings shown on Drawing A-201, for both the new addition and the existing building, shall be provided by the **Bid Category No. 3 Contractor**. Any roof openings not shown on Drawing A-201 shall be the responsibility of the respective contractor creating the opening.

ADDENDUM FIVE

Addendum Five (AD.05) to the drawings and specifications prepared by Gibraltar Design for **Valparaiso Vale Facility Addition/Renovations and Maintenance/It Facility and Related Work** for Valparaiso Community Schools, Valparaiso, 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 One, Two, Three and this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 05 50 00

Miscellaneous Metals

A. Add new Paragraph 3.3.H. as follows:

"H. Trench Drain Grating:

- A. Provide and install Galvanized Bar Grating, 2-inch deep x 1/4-inch bars with 1 3/16-inch spacing with welded bars.
- B. Provide and install Galvanized 2-inch x 2-inch x 5/16-inch steel angles with Nelson Studs at 8-inches on center full perimeter of trench edge."

2. Specification Section 07 95 00

Expansion Joint Systems

A. Revise Paragraph 2.3. as follows:

"2.3. Expansion Joint Systems

- 1. Exterior Wall Joints: Aluminum frames with elastomeric seals.
 - a. Basis-of-Design Product: Balco; FCVS-2.
 - b. Nominal Joint Width: 2 inches.
 - c. Movement Capability: Plus or minus 100 percent.
 - d. Seals: Manufacturer's standard inner moisture barrier seal and exterior seal in gray or black color as selected by Architect.
- 2. Interior Floor Joints: Stainless Steel frames, glide plate and finishes insert, Fire Rated.
 - a. Basis-of-Design Product: Balco; SS6FTP-2.
 - b. Nominal Joint Width: 2 inches.
 - c. Movement Capability: Plus or minus 50 percent to 100 percent.
 - d. Designed for Vinyl Floor Tile Finish in recessed portions.
- 3. Interior Wall Joints: Stainless Steel frames, gliding plate, Fire Rated.
 - a. Basis-of-Design Product: Balco; 2HWD-2-MBW.

- b. Nominal Joint Width: 2 inches.
- c. Movement Capability: Plus or minus 50 percent.
- 4. Exterior Roof Joints: Traditional roof bellow style.
 - a. Basis-of-Design Product: Balco; BRB – Traditional or RRg - Silicone.
 - b. Nominal Joint Width: 2 inches."

3. Specification Section 12 25 00 Roller Shades

- A. Delete specification section in its entirety.

4. Specification Section 23 09 23 Temperature Controls

- A. Add new Paragraph 2.12 as follows:

2.12 CARBON MONOXIDE SENSING SYSTEM:

- A. Each bidder shall include in the scope of their bid a UL labeled control panel to be located as shown on plans the contract documents. Each panel shall include the starter and disconnect for the exhaust fans and louvers. The primary hand activated disconnect shall be located in the door of the panel. If the fan powered by the panel is either located 25 feet from the panel, or out of the direct line of sight from the panel, a second disconnect shall be located at the fan. All disconnects shall be supplied with lock-out hasps.
- B. This same panel shall include a carbon monoxide sensing system that will have not less than sensor probes located per the drawings. Verify exact location and installation requirements in field prior to rough-in.
- C. The probes shall be located 48" above the floor level. When any sensor detects 70% of the allowable NIOSH PEL (permissible exposure limits) levels of carbon monoxide or nitrogen dioxide in the space, an orange light (located on the control panel) shall illuminate as a warning. In addition, the makeup air fan shall be energized and remain on until such levels fall below 30% of the NIOSH levels. Interface the exhaust fans and louvers as required for a complete and proper installation.
- D. If any probe senses 100% of the allowable IOSHA or NIOSH levels of carbon monoxide or nitrogen dioxide, a 94 dBa horn shall cycle for 90 seconds and a red light shall sequence on and remain on until such levels fall below the NIOSH levels. The panel shall be fully adjustable as to the levels of detectable carbon monoxide allowing future changes in the "alert levels".
 - 1. In addition to local horn and light, both makeup air fans shall be energized and remain on until such levels fall below 30% of the NIOSH levels. Interface the exhaust fans and louvers as required for a complete and proper installation.
 - 2. Remote horns and strobes shall activate.

- E. The panels shall be painted bright red with customer engraved tags identifying all lights, buttons and alert horns.
 - F. Each panel enclosure shall be NEMA-4X rated and supplied with a keyed lock.
 - G. The starters, relays, disconnects, and components of the panel shall be American-made and locally available.
- B. Add new paragraph 4.15 as follows:
- 4.15 MAKE UP AIR UNIT (MUA):
- A. The MUA system shall be provided with a factory furnished control system with LON or BACNET interface. Control system shall include discharge air temperature controls for a complete and operations system. The system shall be energized from the carbon monoxide sensing system.
 - B. Provide interface to units LON or BACNET interface and install necessary field devices to properly control and monitor system. Coordinate installation and other requirements with the MUA system manufacturer. Parallel available alarms from control system to FMS.
 - C. Install and wire components shipped loose with the MUA system. This includes but is not limited to the following items:
 - 1. MUA system control panel.
 - 2. Return and discharge air temperature sensors.
 - 3. Wiring between unit and control panel.
- C. Revise make UP Air Unit Point List as follows:



System: Various	DDC INPUT/OUTPUT SUMMARY TABLE																												
Serves:	HARDWARE												SOFTWARE																
Location:	OUTPUT						INPUT						ALARM						APPLICATION PROGRAMS										
Graphics: Yes	Digital			Analog			Digital			Analog			Digital			Analog													
Point Description:	Start/Stop	Enable/Disable	Open/Close	Control	Set Point Adjustment	Electronic	Status	Alarm	KW Pulse	Temperature	Pressure	Flow	CO2	Parts per Million	Equipment Alarm	Critical	Notification	High Limit	Low Limit	Run Time	Scheduled	Optimal Start Stop	Morning Warm Up	Demand Limit	Economizer	Provide points from Unit Controller	Graphic Control	Trend	Point History
VAV Box																													
Space Temp										X								X	X									X	X
Space Temp Adj.					X																						X	X	
Occup.Htg/Clg Setpoint					X																						X	X	
Unocc.Htg/Clg Setpoint					X																						X	X	
Warmup cycle	X																				X								X
Box CFM											X	X															X	X	
Volume Damper					X	X																					X	X	
Reheat Coil Valve					X	X						X															X	X	
Zone CO2														X				X										X	
Un-Occupied Override										X																			
Make UP Air Unit																													
Unit Controller	X	X			X		X	X							X	X	X									X	X	X	

DRAWINGS

NEW MAINTENANCE AND IT BUILDING

5. Sheet C-104

- Added 4" diameter downspout pipes coming from the Maintenance & IT building.
- Connected the 4" diameter downspout pipes to STR.'s 102A, 102B, 102C, 104, and 104A.
- Revised Utility Notes #15 by striking through "refer to plumbing plan sheets for downspout connections to building"; reference was not needed.

6. Sheet SB-101

- Reverse the arrow slope indicated in the trench drain so that the trench drains south.

7. Sheet A-101

- Reverse Architectural Plan Note A23 to read "TRENCH DRAIN. REFER TO DETAIL 3/S-301".

8. Sheet M-001

- Add carbon monoxide sensor symbol to symbol list.

9. Sheet M-101

- ADD carbon monoxide control panel and sensor locations.
- Add thermostat locations for unit heaters UH-1 and EUH-1.
- Add thermostat location for rooftop unit RT-2.

10. Sheet M-601

- Revised Note #3 in the Mechanical Equipment Schedule.

11. Sheet T-001

- Removed references to intercom devices from symbol list.

12. Sheet T-101

- A. Removed intercom equipment (speakers) from plan.

VALE FACILITY ADDITION**13. Sheet AD-101**

- A. Add Demolition Plan Keynote D78 to read "CAREFULLY REMOVE EXISTING WALL HUNG ATHLETIC EQUIPMENT (BACKBOARDS TO REMAIN). OWNER TO DETERMINE WHICH EQUIPMENT IS REINSTALLED AFTER WALL FINISH IS COMPLETE."
- B. Add Keynote D78 to Multipurpose Room.

14. Sheet A-101, A-102 and A-103

- A. Modify Architectural Plan Keynote A32 to begin with "OWNER TO ...".

15. Sheet A-701, A-702 and A-703

- A. Remove the reference "ROLLER SHADES" from the Equipment Plan Legend.

16. Sheet A-801, A-802 and A-803

- A. Modify Plan Note 25 to begin with "OWNER TO ..."
- B. Modify Plan Note 29 to begin with "OWNER TO ..."

17. Sheet P-501

- A. Revised the Incoming Domestic Water Service Diagram to show 6" domestic water line into the building and transitioning to a 3" water service.

18. Sheet P-502

- A. Revised the Domestic Water Riser Diagram to show 6" domestic water line into the building and transitioning to a 3" water service.

Pages 1 through 5, inclusive, and eight (8) full size drawings constitute the total makeup of **Addendum Five**.



Y:\25-112 Valparaiso CS - New Maintenance and IT Building\Specs\AD05\AD05.doc



GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

NIES engineering, inc.
1400 E. 10th Ave. Suite 200
Tulsa, OK 74104
Phone: (918) 486-8880 Fax: (918) 486-7754
"Your Vision • Our Focus"

PROJECT

NEW MAINTENANCE AND IT BUILDING

VALPARAISO COMMUNITY
SCHOOLS
VALPARAISO, INDIANA

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

25-112

DATE

09/04/25

COORDINATED BY

CDM / SB

DRAWN BY

SB

CHECKED BY

CDM

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETURN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK

DATE

ISSUED FOR

AD-2 9/18/25 ADDENDUM 2

AD-5 10/2/25 ADDENDUM 5

DRAWING

PROPOSED UTILITIES PLAN

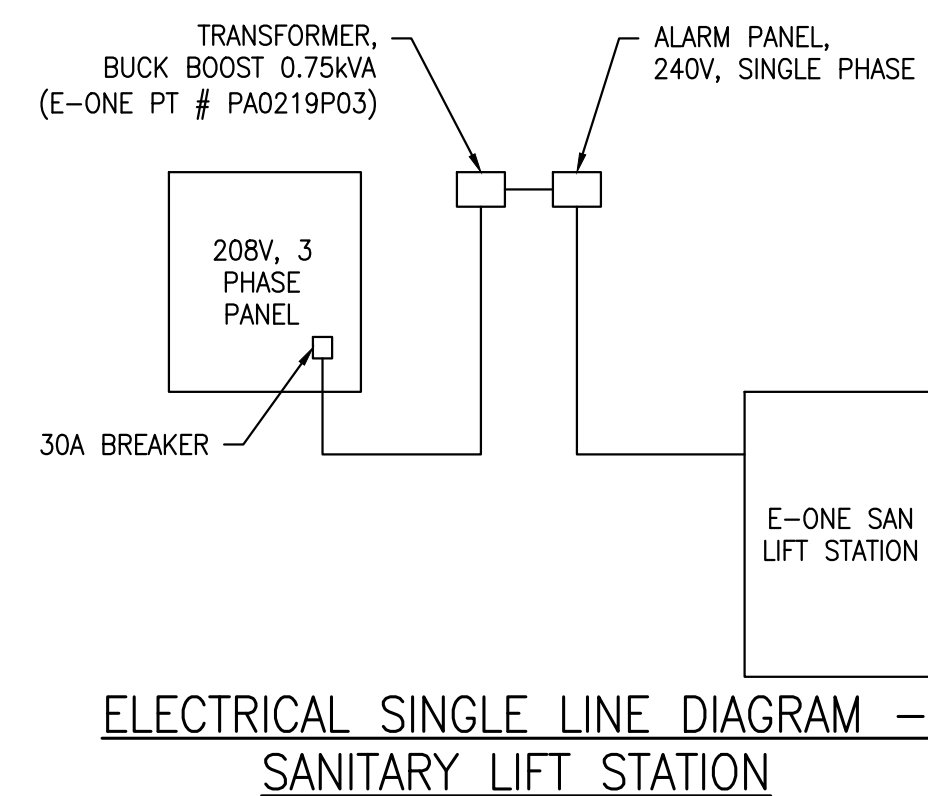
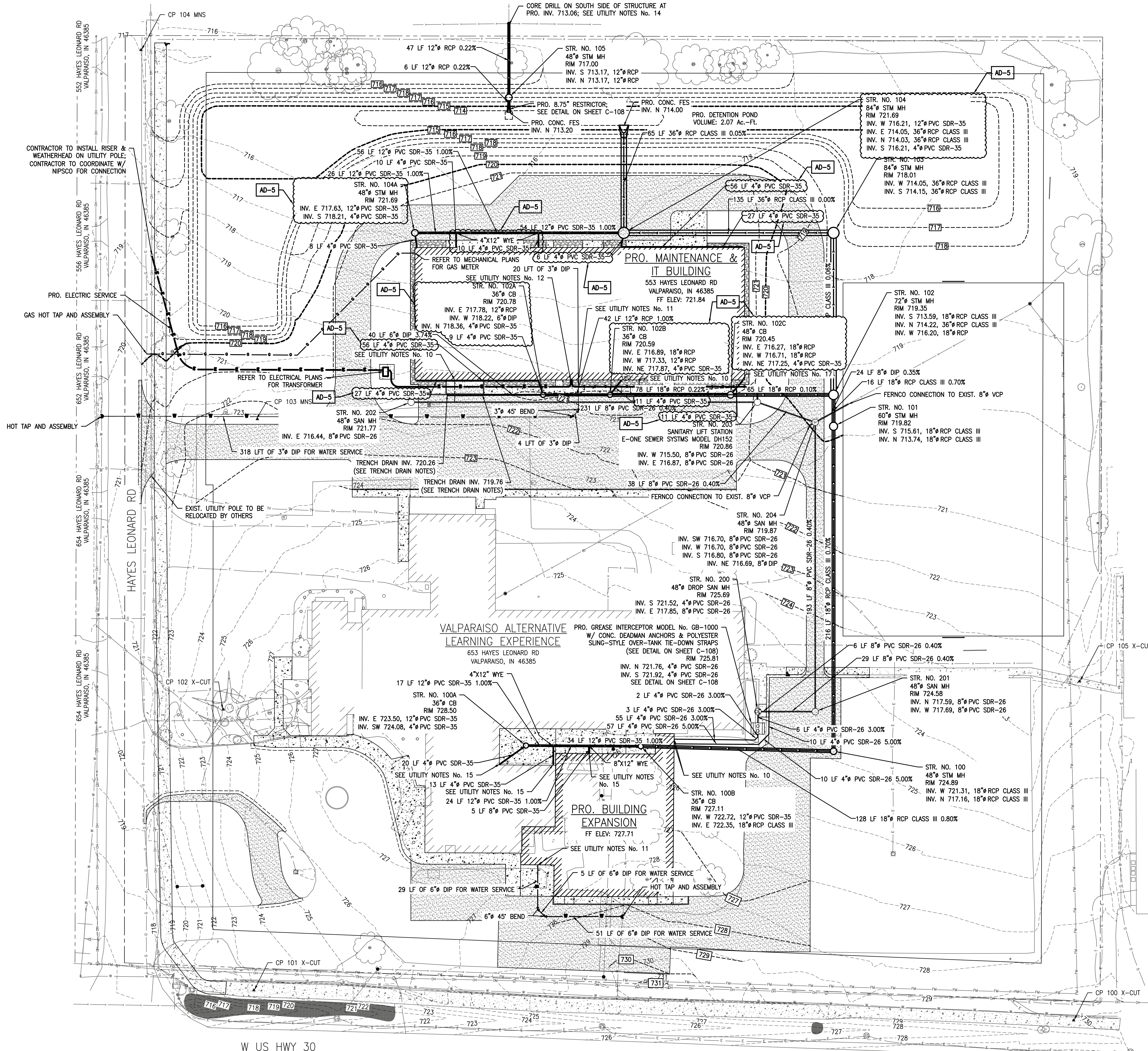
PROJECT

NEW MAINTENANCE AND IT

BUILDING

SHEET

C-104



ELECTRICAL SINGLE LINE DIAGRAM -
SANITARY LIFT STATION

AD-2 REVISIONS:

- REVISED NOTE #15 TO UTILITY NOTES.
- ADDED NOTES #16 AND #17 TO UTILITY NOTES.
- ADDED AN ELECTRICAL SINGLE LINE DIAGRAM FOR THE SANITARY LIFT STATION.
- ADDED 4" STM DOWNSPOUT PIPES.
- CONNECTED 4" STM DOWNSPOUT PIPE TO STR. 100A W/ PIPE INVERT.
- ADDED 4"x12" WYE FOR DOWNSPOUT CONNECTION TO HEADER PIPE.
- ADDED 8" STM DOWNSPOUT PIPE.
- ADDED 8"x12" WYE FOR DOWNSPOUT CONNECTION TO HEADER PIPE.

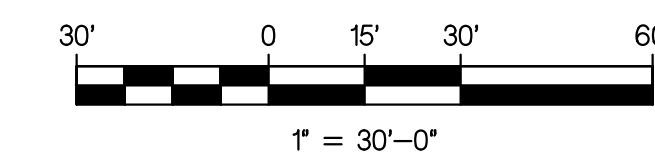
AD-5 REVISIONS:

- ADDED 4" STM DOWNSPOUT PIPES COMING FROM THE MAINTENANCE/IT BUILDING.
- CONNECTED 4" STM DOWNSPOUT PIPE TO STR. 102A, 102B, 102C, 104, AND 104A.
- REVISED NOTE #15 IN UTILITY NOTES.

- TRENCH DRAIN NOTES:
- INSTALL TRENCH DRAIN WITH INVERTS SHOWN.
 - TRENCH DRAIN SHALL BE ZURN MODEL NO. Z882-DI, OR APPROVED EQUAL. ZURN MODEL NO. Z882-DI, TRENCH NO.'S 8210, 8211, & 8212 SHALL BE USED.
 - TRENCH DRAIN END SHALL ACCEPT A 6" DUCTILE IRON OUTLET PIPE.
 - TRENCH DRAIN SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, INCLUDING ANY CONCRETE & REBAR SETTINGS.

BENCH MARK DATA

CP 100 X-CUT N: 2263246.434 E: 2950234.926 ELEV: 729.95	CP 103 MAG NAIL SET N: 2263654.951 E: 2949680.308 ELEV: 723.20
CP 101 X-CUT N: 2263266.857 E: 2949677.913 ELEV: 721.14	CP 104 MAG NAIL SET N: 2263905.744 E: 2949601.271 ELEV: 716.97
CP 102 X-CUT N: 2263457.638 E: 2949657.169 ELEV: 725.69	CP 105 X-CUT N: 2263476.747 E: 2950238.860 ELEV: 724.18



	EXISTING TREE	EXISTING GAS	PROPOSED SANITARY
	EXISTING FIRE HYDRANT	EXISTING TELEPHONE	PROPOSED STORM
	EXISTING WATER VALVE	EXISTING CABLE TV	PROPOSED WATER SERVICE
	EXISTING BUFFALO BOX	EXISTING ELECTRICAL	PROPOSED ELECTRIC SERVICE
	EXISTING MAN HOLE	EXISTING OVERHEAD ELECTRIC	PROPOSED GAS SERVICE
	EXISTING CATCH BASIN	EXISTING PIPELINE	
	EXISTING INLET	EXISTING SANITARY	
	EXISTING UTILITY POLE	EXISTING STORM	
	EXISTING GUY WIRE	EXISTING WATERMAIN	
	EXISTING LIGHT POLE	EXISTING CHAIN LINK FENCE	
	EXISTING TELEPHONE BOX	EXISTING TREE LINE	
	PROPERTY CORNER	SILT FENCE	
	SOIL BORING LOCATION	RIGHT-OF-WAY	
	CONTROL POINT	EASEMENT	

UTILITY NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL PIPE ELEVATIONS AND SIZES.
- CONTRACTOR SHALL RAISE OR LOWER STRUCTURE COVERS/FRAMES AS REQUIRED TO MEET ELEVATIONS ASSOCIATED WITH CURB AND PAVEMENT CONSTRUCTION.
- OFFSET FOR INLETS AND CATCH BASINS ARE MEASURED TO THE BACK OF THE CURB. STRUCTURES TO BE PLACED TO ENSURE PROPER PLACEMENT OF THE CASTING. OFFSET CASTINGS WILL NOT BE ALLOWED.
- ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND SEALED WITH BRICK AND MORTAR, NO EXCEPTIONS.
- SANITARY LATERALS SHALL HAVE A MINIMUM COVER OF 3'-6" BELOW PROPOSED GRADE.
- HOT TAP ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY TO COMPLETE HOT TAP INCLUDING VALVE.
- ALL INSTALLED DUCTILE IRON PIPE FOR WATER SERVICE SHALL HAVE A MINIMUM COVER OF 5'-0" DEPTH TO THE PROPOSED GRADE ALONG THE ENTIRE LENGTH OF THE PROJECT. SEE 327 IAC 8-3.2-17 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.
- ALL POLYETHYLENE ENCASEMENT IS TO BE PROVIDED FOR ALL DUCTILE IRON WATER PIPE ALONG THE ENTIRE LENGTH OF THE PROJECT AND/OR AS SHOWN, SPECIFIED, OR ORDERED IN WRITING BY THE ENGINEER. CONTRACTOR SHALL USE 8 MILL POLYETHYLENE ENCASEMENT AND SHALL INSTALL ENCASEMENT PER ANSI/AWWA C105/A21.5 SPECIFICATION.
- MAINTAIN THE REQUIRED 10'-0" OF HORIZONTAL SEPARATION AND 1'-6" OF VERTICAL SEPARATION FROM SANITARY AND STORM SEWERS. MAINTAIN 8'-0" OF HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION. IF 8'-0" HORIZONTAL SEPARATION CANNOT BE ACHIEVED, SEE "WATER MAIN NEXT TO SEWER STRUCTURE" DETAIL ON SHEET #.
- REFER TO PLUMBING PLAN SHEETS FOR 4" SANITARY LATERAL CONNECTION TO BUILDING.
- REFER TO PLUMBING PLAN SHEETS FOR WATER SERVICE CONNECTION TO BUILDING.
- REFER TO ELECTRICAL PLAN SHEETS FOR ELECTRICAL SERVICE CONNECTION TO BUILDING.
- ALL REINFORCED CONCRETE PIPE INSTALLED SHALL BE CLASS III.
- A CIRCULAR HOLE OF APPROPRIATE SIZE SHALL BE CORED INTO THE EXISTING STRUCTURE AND A RUBBER BOOT SHALL BE INSTALLED TO ACCEPT THE PROPOSED PIPE.
- DOWNSPOUT PIPES SHALL BE CONNECTED TO THE HEADER PIPES WITH WYE CONNECTION. REFER TO PLUMBING PLAN SHEETS FOR DOWNSPOUT CONNECTIONS TO BUILDING.
- E-ONE SEWER SYSTEM MODEL DH152 - WIRING OF SUPPLY PANEL AND ALARM PANEL SHALL BE PER ALARM PANEL WIRING DIAGRAMS INCLUDED INSIDE THE ALARM PANEL ENCLOSURE AND IN ACCORDANCE WITH LOCAL CODES. A DEDICATED 30 AMP BREAKER IS REQUIRED BEFORE A 240V DUPLEX ALARM PANEL.
- POWER AND ALARM CABLE SHALL BE INSTALLED IN 1-1/4" HDPE OR SCH-40 PVC PIPE. BURIAL DEPTH SHALL BE A MINIMUM OF 2'-0" BELOW PROPOSED GRADE. CONDUIT INSTALLATION SHALL BE PER MANUFACTURER'S SPECIFICATIONS.

SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW DUCTWORK		CONDENSATE DRAIN
	DUCT TRANSITION		GAS PIPING
	DUCTWORK LINING		REFRIGERANT PIPE
	DUCTWORK INSULATION		PIPING SLOPED DOWN
	FLEXIBLE DUCTWORK		PIPE TURNED UP
	SUPPLY OR OUTSIDE AIR DUCT DOWN		PIPE TURNED DOWN
	SUPPLY OR OUTSIDE AIR DUCT UP		GAS METER
	RETURN OR EXHAUST OR RELIEF DUCT DOWN		SHUT-OFF VALVE
	RETURN OR EXHAUST OR RELIEF DUCT UP		GAS COCK
	VAV W/ ELECTRIC REHEAT COIL		PRESSURE REDUCING VALVE
	RETURN OR EXHAUST REGISTER		
	SUPPLY AIR DIFFUSER		
	AUTOMATIC (MOTORIZED) DAMPER		
	FIRE DAMPER		
	SMOKE DAMPER		
	FIRE/SMOKE DAMPER		
	SEE SCHEDULES		
	SHEET NOTE		
	DUCT SMOKE DETECTORS		
	THERMOSTAT - ADJUSTABLE		
	REVERSE ACTING THERMOSTAT		
	WALL MOUNTED THERMOSTAT 48" AFF AND SEPARATE CO2 SENSOR - CLG. MTD. DE WALL MOUNT (48" AFF)		
	CARBON MONOXIDE SENSOR		

AD-5

ABBREVIATIONS LIST

AD	AUTOMATIC (MOTORIZED) DAMPER
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AMS	AIRFLOW MEASURING STATION
BDD	BACKDRAFT DAMPER
BJA	BETWEEN JOIST ABOVE
BRD	BAROMETRIC RELIEF DAMPER
CAT	CONDENSING AIR TEMPERATURE
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CJ	CONDENSING UNIT
DN	DOWN
DX	DIRECT EXPANSION
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EDB	ENTERING DRY BULB TEMPERATURE
ER	EXHAUST/RETURN
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB TEMPERATURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
FC	FLEXIBLE CONNECTION
FD	FIRE DAMPER
FFM	FEET PER MINUTE
FMS	FACILITY MANAGEMENT SYSTEM
G	NATURAL GAS
GEF	GENERAL EXHAUST FAN
HP	HORSE POWER
HZ	HERTZ
L	LIQUID
LAT	LEAVING AIR TEMPERATURE
LDB	LEAVING DRY BULB TEMPERATURE
LV	LOUVER
LWB	LEAVING WET BULB TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MBH	1,000 BTU/HOUR
MC	MECHANICAL CONTRACTOR
MOD	MODULATING
NK	NECK
NTS	NOT TO SCALE
O/A	OUTSIDE AIR
OAI	OUTSIDE AIR INTAKE
OBDD	OPPOSED BLADE DAMPER
PRV	PRESSURE REDUCING VALVE
PS	PRESSURE SENSOR
PSI	POUNDS PER SQUARE INCH
R/A	RETURN AIR
RPM	REVOLUTIONS PER MINUTE
RT	ROOFTOP UNIT
S	SUCTION
S/A	SUPPLY AIR
SFD	SMOKE/FIRE DAMPER
SHC	SENSIBLE HEAT CAPACITY
T/A	TRANSFER AIR
TEF	TOILET EXHAUST FAN
TJA	THRU JOIST ABOVE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UD	UNDERCUT DOOR
UH	UNIT HEATER
V	VENT
VAV	VARIABLE AIR VOLUME
WC	WATER COLUMN
WPD	WATER PRESSURE DROP

GENERAL NOTES

- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE HVAC CODES.
- B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A CONSTRUCTION MANAGER. REFER TO THE CONSTRUCTION MANAGER'S INSTRUCTIONS AND DIRECTIONS FOR DETAILS RELATING TO THE EXACT SCOPE OF EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER'S DIRECTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- C. LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- D. LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.
- E. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- F. SOME CEILING SPACES ARE RETURN AIR PLENUMS AS INDICATED ON PLANS. EXAMINE PLENUM BEFORE CEILING IS INSTALLED (OR REPLACED) AND COORDINATE THE SEALING OF OPENINGS AROUND PIPING, DUCTWORK, CONDUIT, ETC., AND OPENINGS TO OUT-OF-DOORS AND ADJACENT SPACES. COORDINATE THE INSTALLATION OF PARTITIONS/DIVIDERS WITHIN CEILING SPACE AS REQUIRED TO CONFINER RETURN PLENUM TO AREAS INDICATED.
- G. COORDINATE EXACT LOCATION OF CEILING REGISTERS, GRILLES AND DIFFUSERS WITH LIGHTING LAYOUT, SPRINKLER HEADS, AND CEILING GRID. SEE ARCHITECTURAL REFLECTED CEILING PLAN. VERIFY EXACT LOCATION IN FIELD PRIOR TO INSTALLATION. VERIFY CEILING STYLES AND TYPES BEFORE ORDERING REGISTERS, GRILLES AND DIFFUSERS. PROVIDE APPROPRIATE FRAME STYLES AS REQUIRED TO MATCH CEILING STYLE AND TYPES. SET ADJUSTABLE BLADES AS REQUIRED FOR OPTIMUM AIR PATTERN AND TO PREVENT DRAFTS. THE MINIMUM DISTANCE BETWEEN SUPPLY DIFFUSERS/REGISTERS AND SMOKE OR HEAT DETECTORS IS TO BE A MINIMUM OF 3'. COORDINATE WITH FIRE ALARM SYSTEM AS REQUIRED.
- H. ROUTE DUCTWORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. ROUTE DUCTWORK BETWEEN AND THROUGH JOIST SPACES AND BETWEEN LIGHT FIXTURES AS REQUIRED. VERIFY CONDITIONS AND DUCTWORK ROUTING IN FIELD PRIOR TO INSTALLATION.
- I. DUCTWORK, PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- J. FLEXIBLE DUCTWORK SHALL BE UL LABELED FOR USE IN RETURN AIR PLENUM. ACOUSTICAL FLEXIBLE DUCTWORK AT THE INLET TO AIR DIFFUSERS MAY BE USED. FLEXIBLE CONNECTIONS SHALL BE 5'-0" MAXIMUM LENGTH, AND SHALL BE SUPPORTED WHERE REQUIRED TO PREVENT MOVEMENT.
- K. PROVIDE MANUAL BALANCING DAMPERS AT EACH LOW PRESSURE SUPPLY AIR, RETURN AIR AND EXHAUST DUCTWORK TAKE-OFF INCLUDING TAKEOFFS TO EACH AIR DISTRIBUTION DEVICE. DAMPERS SHALL HAVE LOCKING QUADRANT REGULATORS WITH SPRING LOADED END BEARING. INSTALLATION SHALL BE RATTLE FREE. BE RESPONSIBLE FOR LOCATING BALANCING DEVICES AND COORDINATE LOCATIONS FOR TESTING AND BALANCING.
- L. TRANSFER AIR RETURN GRILLES TO CEILING RETURN PLENUM ARE TO BE PROVIDED WITH A 90 DEGREE MITERED ELBOW ACOUSTICALLY LINED WITH 1/2" THICK DUCT LINER. SEE DETAIL ON PLANS.
- M. RETURN AIR OPENINGS AND TRANSFER AIR OPENINGS IN CEILING PLENUMS ARE TO BE COVERED BY 1/2" X 1/2" SCREEN MESH. PROVIDE ADDITIONAL TRANSFER AIR OPENINGS THROUGH WALLS DIVIDING CEILING RETURN PLENUMS. TRANSFER AIR OPENINGS TO BE SIZED FOR A MAXIMUM VELOCITY OF 500 FPM AT PEAK CONDITIONS. PROVIDE FIRE OR SMOKE/FIRE DAMPERS IN OPENINGS AS NECESSARY.
- N. LOCATE VAV BOXES IN ACCESSIBLE LOCATIONS. ARRANGE CONTROLS OF VAV BOX AS REQUIRED FOR MAXIMUM ACCESSIBILITY. PROVIDE ACCESS DOORS WHEN REQUIRED. MEDIUM PRESSURE DUCTWORK TAKE-OFFS TO VAV BOXES SHALL BE MADE WITH 45 DEGREE TAKE-OFF FITTINGS, CONICAL FITTINGS, AND/OR ENLARGED ENTRANCE LOW-LOSS TAKE-OFF FITTINGS. PROVIDE MINIMUM 2'-0" STRAIGHT INLET DUCT TO UPSTREAM OF VAV BOXES. PROVIDE DUCTWORK TRANSITION FROM VAV BOX OUTLET TO DUCT SIZE DOWNSTREAM OF VAV BOX INDICATED ON PLAN.
- O. VERIFY EXACT THERMOSTAT AND SENSOR LOCATIONS IN FIELD PRIOR TO ROUGH-IN OR INSTALLATION. CONTROL WIRING TO BE ROUTED IN CONDUIT.
- P. PROVIDE AGA APPROVED GAS REGULATOR AT EQUIPMENT REQUIRING LOWER GAS PRESSURE THAN PROVIDED, INCLUDING PIPING BRANCHES SERVING EXISTING EQUIPMENT AND APPLIANCES TO REMAIN. EXTEND GAS REGULATOR VENTS LINE SIZE TO ATMOSPHERE AS REQUIRED. DO NOT COMBINE VENT LINES.
- Q. REFRIGERANT PIPING INSTALLATION INCLUDING SIZING IS TO BE AS PER MANUFACTURER'S RECOMMENDATIONS FOR THE ACTUAL FIELD ROUTING AND FOR THE EQUIPMENT PROVIDED. PROVIDE ALL SUCTION LINE TRAPS, SOLENOID VALVES, SIGHT GLASSES AND FILTER/DRIERS AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- R. PVC PIPING INSTALLED IN PLENUM CEILING SPACES IS TO BE COVERED WITH MATERIAL THAT HAS A COMPOSITE FLAME-SPREAD RATING OF NOT OVER 25 AND A SMOKE-DEVELOPMENT RATING OF NOT OVER 50 IN ACCORDANCE WITH INTERIM FEDERAL STANDARD NO. 00136A (COMM-NSB) INCLUDING COVERINGS, MASTICS, AND ADHESIVES.
- S. PROVIDE CONCRETE EQUIPMENT PADS FOR EQUIPMENT INDICATED ON DRAWINGS. COORDINATE LOCATIONS BEFORE INSTALLATION. PADS ARE TO BE DESIGNED WITH REINFORCEMENT TO HANDLE THE WEIGHT OF THE EQUIPMENT BEING SUPPORTED. EXTERIOR CONCRETE PADS TO BE PROVIDED WITH FROST WALLS (MINIMUM OF 48" BELOW GRADE).
- T. PROVIDE WATERTIGHT 4" HIGH CONCRETE CURBS AROUND DUCTWORK AND PIPING FLOOR OPENINGS IN MECHANICAL ROOMS LOCATED ABOVE FINISHED SPACES.
- U. PROVIDE CONDENSATE PIPING FROM ROOF TOP HVAC UNITS, COOLING COIL DRAIN PANS, CONDENSATE PUMPS, HUMIDIFIERS, FURNACES, ETC. AS REQUIRED TO ROOF, NEAREST DRAIN OR TO WHERE INDICATED ON DRAWINGS. THE PIPING IS TO BE THE SAME SIZE AS THE EQUIPMENT CONNECTION SIZE. PROVIDE TRAPS IN CONDENSATE PIPING PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- V. PROVIDE CONDENSATE PUMPS, RECEIVERS, PIPING AND ELECTRICAL CONNECTIONS AS REQUIRED AT EQUIPMENT WHERE EQUIPMENT DRAINS CANNOT BE DRAINED BY GRAVITY DUE TO FIELD CONDITIONS.
- W. PROVIDE VENT PIPING FROM ALL GAS PRESSURE REDUCING STATIONS. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPEED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET ALL CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- X. PROVIDE RELIEF VENT PIPING FOR REFRIGERATION EQUIPMENT. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPEED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- Y. PROVIDE A WATERTIGHT SHEET METAL DRIP PAN OVER ELECTRICAL EQUIPMENT INSTALLED UNDER OR NEAR PIPING SYSTEMS. DRIP PAN TO EXTEND MINIMUM 3" OVER FRONT AND SIDES OF ELECTRICAL EQUIPMENT AND BE PITCHED AT A MINIMUM 30 DEGREE ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.



GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT:

**NEW
MAINTENANCE
AND IT BUILDING**

VALPARAISO COMMUNITY
SCHOOLS

VALPARAISO, IN

100% CD SET

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

25-112

DATE

09/04/25

COORDINATED BY

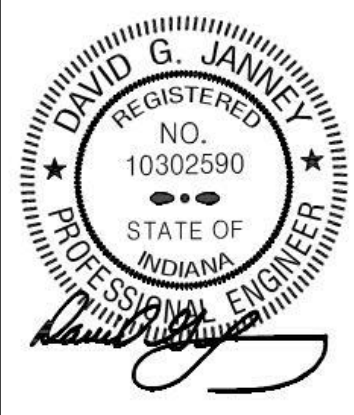
JC

DRAWN BY

CC

CHECKED BY

DJ



COPYRIGHT NOTICE:

THE CONCEPT, DESIGN, 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 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-5 10/03/25 ADDENDUM NO. 5

DRAWING
**MECHANICAL NOTES, SYMBOLS
& ABBREVIATIONS**

PROJECT
**NEW MAINTENANCE AND IT
BUILDING**

© GIBRALTAR
DESIGN

SHEET

M-001

TECHNOLOGY GENERAL NOTES

1. WORK SHALL COMPLY WITH LOCAL, STATE AND NATIONAL ELECTRIC CODES, AMERICANS WITH DISABILITIES ACT.
2. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL TECHNOLOGY INFORMATION AND REQUIREMENTS. IN ALL CASES DEVICE MOUNTING HEIGHTS AND LOCATIONS SHALL CONFORM TO THE LATEST AMERICANS WITH DISABILITIES FEDERAL STANDARDS.
3. EXCAVATION NECESSARY FOR COMPLETION OF WORK SHALL BE PROVIDED. COORDINATE WITH ONE ANOTHER TO SHARE TRENCHES WHEREVER POSSIBLE.
4. REFER TO THE PLANS FOR ADDITIONAL TECHNOLOGY WORK AND REQUIREMENTS.
5. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
6. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUT DOWN OF EXISTING FACILITY UTILITIES SHALL BE SCHEDULED WITH OWNERS' OPERATING PERSONNEL.
7. LAYOUT IS DIAGRAMMATIC. INSTALL DEVICES, CONDUIT AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING WORK AND SUBMIT COMPLETE SHOP DRAWINGS AS PER SPECIFICATIONS.
8. VISIT SITE PRIOR TO BID TO DETERMINE AND VERIFY EXISTING INTERIOR AND EXTERIOR TECHNOLOGY SYSTEMS TO VERIFY QUANTITIES AND LOCATIONS OF EXISTING SYSTEMS TO DETERMINE FULL EXTENT OF WORK. INCLUDE THE NECESSARY MODIFICATIONS TO THE EXISTING CONDITIONS INCLUDING CEILINGS, WALLS, FLOORS, PIPES, CONDUIT, ROOF WORK, ETC.) AS REQUIRED, TO ALLOW FOR PROPER INSTALLATION OF WORK. ADJUST INSTALLATION TO MEET FIELD CONDITIONS AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. NO FIELD CHANGES WILL BE ALLOWED FOR BIDDING OR CONSTRUCTION OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULL UNDERSTANDING THE SCOPE OF THE WORK REQUIRED, EXISTING EQUIPMENT, CONDUIT, PIPING, ETC. SHALL BE REMOVED AS NOTES ON DRAWINGS AND REQUIRED TO MEET NEW SCOPE OF WORK.
9. HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO ATTENTION IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL REQUIRE THE CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION TO BE COMPLETED AT NO COST. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE BROUGHT TO ATTENTION FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
10. REMOVE AND REINSTALL EXISTING CEILINGS NOT BEING REPLACED (INCLUDING LIGHTS, MOTION SENSORS, FIRE ALARM DEVICES AND ANY OTHER TECHNOLOGY DEVICES AS REQUIRED) WHEN NECESSARY TO PERFORM WORK. THIS ALSO INCLUDES EXISTING CEILINGS OF PLASTER, DRYWALL, ETC. COORDINATE WORK IN CEILING SPACE SO AS TO MINIMIZE THE AMOUNT OF CEILINGS WHICH MUST BE REMOVED AND REINSTALLED. REVIEW THE SET OF CONTRACT DOCUMENTS TO DETERMINE THE SCOPE OF WORK TO INCLUDE CEILING WORK NECESSARY FOR WORK ON THE PROJECT. WHEN THE WORK IS COMPLETED IN THE SPACE, REINSTALL OR PATCH EXISTING CEILINGS, REINSTALL DEVICES AND EQUIPMENT AND/OR DAMAGE AS REQUIRED TO COMPLETELY MATCH EXISTING CONDITIONS. REPAIR OR REPLACE ANY DAMAGE CAUSED TO EXISTING CEILING AREAS.
11. REMOVE EXISTING CONSTRUCTION AS REQUIRED AT EXISTING WALLS, FLOORS, PIPE CHASSES, SURFACES, FINISHES, ETC. WHICH ARE AFFECTED. REPAIR EXISTING SURFACES AFFECTED, TO MATCH EXISTING SURFACE OF EQUAL OR BETTER QUALITY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
12. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS.
13. EXISTING TECHNOLOGY DEVICES, CONDUIT, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK. EXISTING TECHNOLOGY EQUIPMENT SHALL BE PROPERTY OF THE OWNER AND SHALL BE PROPERLY STORED ON SITE, OR DESIGNATED TO BE ABANDONED AND REMOVED FROM SITE AS DIRECTED BY OWNER.
14. PERFORM CUTTING AND PATCHING OF EXISTING FLOOR SLABS AND WALLS AS REQUIRED FOR THE INSTALLATION OF TECHNOLOGY SYSTEMS.
15. EXISTING TECHNOLOGY DEVICES WITHIN WALLS TO BE REMOVED SHALL BE DISCONNECTED COMPLETELY. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
16. WHERE INDICATED ON THE DRAWINGS IN UNFINISHED SPACES, RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALL.
17. NO RACEWAYS SHALL BE INSTALLED WITHIN 6" OF STEAM, HOT WATER PIPES OR SIMILAR HEAT PRODUCING APPLIANCES.
18. PROVIDE PULL WIRE IN EACH RACEWAY IN WHICH WIRING IS NOT INSTALLED.
19. COVERS OF JUNCTION OR PULL BOXES SHALL BE ACCESSIBLE AND IDENTIFIED PER SPECIFICATIONS. JUNCTION OR PULL BOXES AND THE LIKE SHALL BE INDEPENDENTLY SUPPORTED TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
20. UNLESS OTHERWISE NOTED, DEVICE ELEVATIONS REFER TO CENTER LINE OF JUNCTION BOX. VERIFY JUNCTION BOX LOCATIONS WITH FINAL EQUIPMENT LAYOUT PRIOR TO ROUGHING IN SAME.
21. LOW VOLTAGE DEVICE ROUGH-INS SHALL BE THE RESPONSIBILITY OF THE DIVISION 26 CONTRACTOR, CABLE/CONDUIT EQUIPMENT, FACTORY WIRE, ETC. SHALL BE THE RESPONSIBILITY OF THE DIVISION 27 AND DIVISION 28 CONTRACTORS.
22. FOR COORDINATION PURPOSES, OCCASIONALLY AN ITEM OF WORK WILL BE SHOWN ON THE E SERIES DRAWINGS AND THE T SERIES DRAWINGS. REQUEST A CLARIFICATION FOR ANY ITEMS THAT APPEAR UNCLEAR AS TO QUANTITY OR CONTRACT RESPONSIBILITY. EXAMPLE: EXISTING DEVICES ARE SHOWN ON T SERIES SHEETS FOR COORDINATION AND SPACING PURPOSES; THE ELECTRICAL OUTLETS AND POWER EQUIPMENT IS THE RESPONSIBILITY OF DIVISION 26; LIKEWISE, SOME TELECOMMUNICATIONS CONDUITS APPEAR ON E SERIES SHEETS FOR COORDINATION PURPOSES. TELECOMMUNICATIONS CONDUITS IN THESE SPACES ARE COVERED UNDER DIVISION 27.

COMMUNICATIONS

▽ DUPLEX DATA OUTLET - WITH (2) 3/4" CONDUITS STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

▽ WAP DUPLEX DATA OUTLET FOR WIRELESS ACCESS POINTS - LOCATED ABOVE ACCESSIBLE CEILING SPACE AND 6" ABOVE THE GRID OR TIGHT TO THE ROOF DECK WHERE NO CEILINGS EXIST. PROVIDE 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6A PLENUM CABLE, FROM EACH JACK, TO NEAREST MDF OR TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 CAT-6 JACK. TEST AND LEAVE 10' SLACK LENGTH.

✓ DUPLEX DATA OUTLET MOUNTED IN WIREMOLD #525 SERIES ABOVE FLOOR BOX. PROVIDE FLOOR BOX AND ADAPTER TO MOUNT TO BOX. ROUTE (2) 3/4" CONDUITS INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

□ E AIPHONE EXTERIOR DOOR INTERCOM SYSTEM (AIPHONE IX-DVF). MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH STATION, TO NEAREST MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

□ I AIPHONE INTERIOR DOOR INTERCOM SYSTEM (AIPHONE IX-MV SERIES INTERCOM SYSTEM). PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH STATION, TO NEAREST MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. PROVIDE SELECTIVE DOOR/GATE RELEASE. PROVIDE ADDITIONAL BUTTON TO SELECTIVELY UNLOCK DOORS IN VESTIBULE CONSISTENT WITH OWNER STANDARD.

□ FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO TR/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB (2) 1" CONDUITS TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS.

□ FLUSH IN CEILING "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO TR/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB (2) 1" CONDUITS TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE FLUSH IN CEILING.

□ CEILING MOUNTED DEMONSTRATION CAMERA. EQUIPMENT BY OWNER. CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO TR/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE FLUSH IN CEILING.

□ WIREMOLD #W4000 SERIES RACEWAY VERTICAL RISER.

□ TELE-POWER POLE: REFER TO ELECTRICAL DETAILS FOR ADDITIONAL REQUIREMENTS.

SYMBOL LIST

SECURITY

□ SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.

□ CARD ACCESS CONTROLLER - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

□ ELECTRIC DOOR STRIKE - STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFERE FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

□ INTERIOR CEILING MOUNTED SURVEILLANCE CAMERA. EQUIPMENT BY OWNER. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

□ EXTERIOR SURVEILLANCE CAMERA - MOUNTED 12'-0" A.F.F. EQUIPMENT BY OWNER. VERIFY HEIGHT IN FIELD. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

□ DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" A.F.F. WITH 3/4" CONDUIT ROUTED DOOR OPERATOR.

SHEET SYMBOLS

① ELLIPSE TAG REFERENCE TO SHEET NOTES

▽ LOW TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.

□ RN REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX. JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX. NI JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.

□ F&I NEW DEVICE AS INDICATED.

□ EX EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.

□ ER EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

□ RR REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.

□ NE NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

	SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE 3/4" FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.
	CARD ACCESS CONTROLLER - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
	ELECTRIC DOOR STRIKE - STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
	INTERIOR CEILING MOUNTED SURVEILLANCE CAMERA. EQUIPMENT BY OWNER. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
	EXTERIOR SURVEILLANCE CAMERA - MOUNTED 12'-0" A.F.F. EQUIPMENT BY OWNER. VERIFY HEIGHT FIELD. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
	DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) G-ANG BACK-BOX MOUNTED AT 42" A.F.F. WITH 3/4"C. ROUTED DOOR OPERATOR.

1	ELIPSE TAG REFERENCE TO SHEET NOTES
	TWO DEVICE TAG REFERENCE TO COMMON COVER, WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
RN 	REMOVE EXISTING DEVICE AND PROVIDE NEW AS REQUIRED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
NI 	
EX 	F&I NEW DEVICE AS INDICATED.
	EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
ER 	EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OUT FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
RR 	REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION CONDUIT AS REQUIRED.
NE 	NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

NETWORK CABLING DIAGRAM

TR-105 DEVICE COUNTS			
DEVICE	QTY	DROPS	TOTAL
DUPLEX OUTLETS	4	2	8
DISPLAYS	1	2	2
			2
TOTAL DATA DROPS			12
WIRELESS ACCESS	2	2	2
TOTAL WAP DROPS			2
CAMERA	6	1	6
TOTAL CAMERA DROPS			6

The diagram illustrates the network cabling layout. It shows three main components: a Sandbox RM 125, a New TR-105, and an Existing TR-A119 (MDF) located within the Existing Vale Building. The New TR-105 is connected to the Existing TR-A119 (MDF) via a 12-strand 50 micron OM4 fiber. The New TR-105 is also connected to the Sandbox RM 125 via a 12-strand 50 micron OM4 fiber. The New TR-105 is further connected to various devices (outlets, displays, cameras) via 12-strand 50 micron OM4 fiber. The diagram includes callouts for port requirements, device counts, and fiber types.

12 STRAND 50 MICRON OM4 FIBER. COORDINATE TERMINATION REQUIREMENTS WITH OWNER

VERIFY PORT REQUIREMENTS AND QUANTITY OF NEW PATCH PANELS (TYP.)

PROVIDE QTY (1) TYPE R1 FLOOR STANDING RACK WITH 2KVA RACK MOUNT UPS.

DENOTES DUPLEX DATA JACKS IN OFFICES, CONFERENCE, ETC.

VERIFY QUANTITY AND LOCATIONS ON DRAWINGS (TYP.)

12 STRAND 50 MICRON OM4 FIBER. SEE ELECTRICAL SITE PLAN FOR ROUTING REQUIREMENTS.

SANDBOX RM 125

NEW TR-105

EXISTING TR-A119 (MDF)

EXIST. VALE BUILDING

NOTE:
ELECTRICAL CONTRACTOR SHALL PROVIDE GROUNDING AND BONDING FOR ALL DATA AND VOICE SYSTEMS AND THIS SHALL COMPLY WITH THE GROUNDING AND BONDING REQUIREMENTS OF EIA/TIA 607. ALL BONDING CONDUCTORS SHALL BE MINIMUM #4 AWG. INSULATED COPPER. PROVIDE A GROUNDING BUS BAR AT EACH CLOSET LOCATION.



GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT:

**NEW
MAINTENANCE
AND IT BUILDING**

VALPARAISO COMMUNITY
SCHOOLS
VALPARAISO, IN

100% CD SET

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

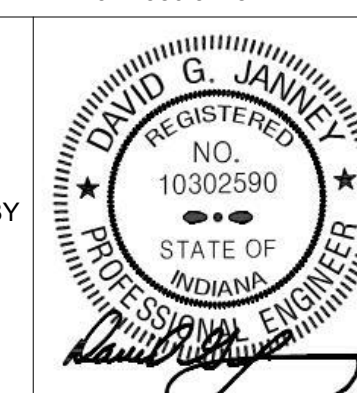
PROJECT
25-112

DATE
09/04/25

COORDINATED BY
SM

DRAWN BY
CJ

CHECKED BY
DJ



COPYRIGHT NOTICE:
THE CONCEPT, DESIGN, 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	09/18/25	ADDENDUM NO. 2
AD-5	10/03/25	ADDENDUM NO. 5

DRAWING
**TECHNOLOGY FIRST FLOOR
PLAN**

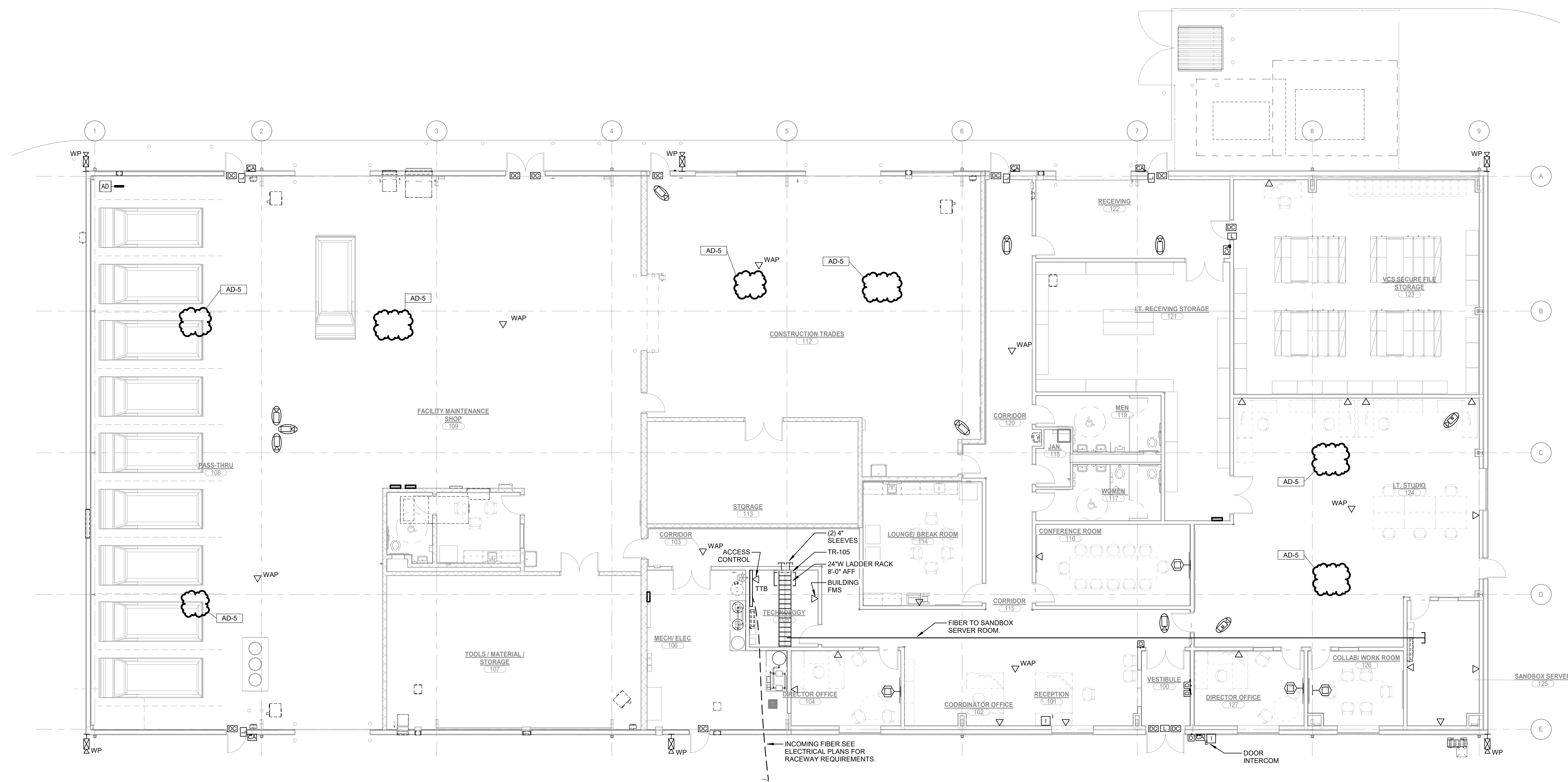
PROJECT
**NEW MAINTENANCE AND IT
BUILDING**

© GIBALTAR
DESIGN

SHEET

T-101

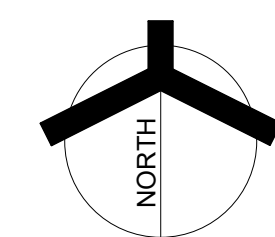
Copyright © 2025 Millies Engineering Group



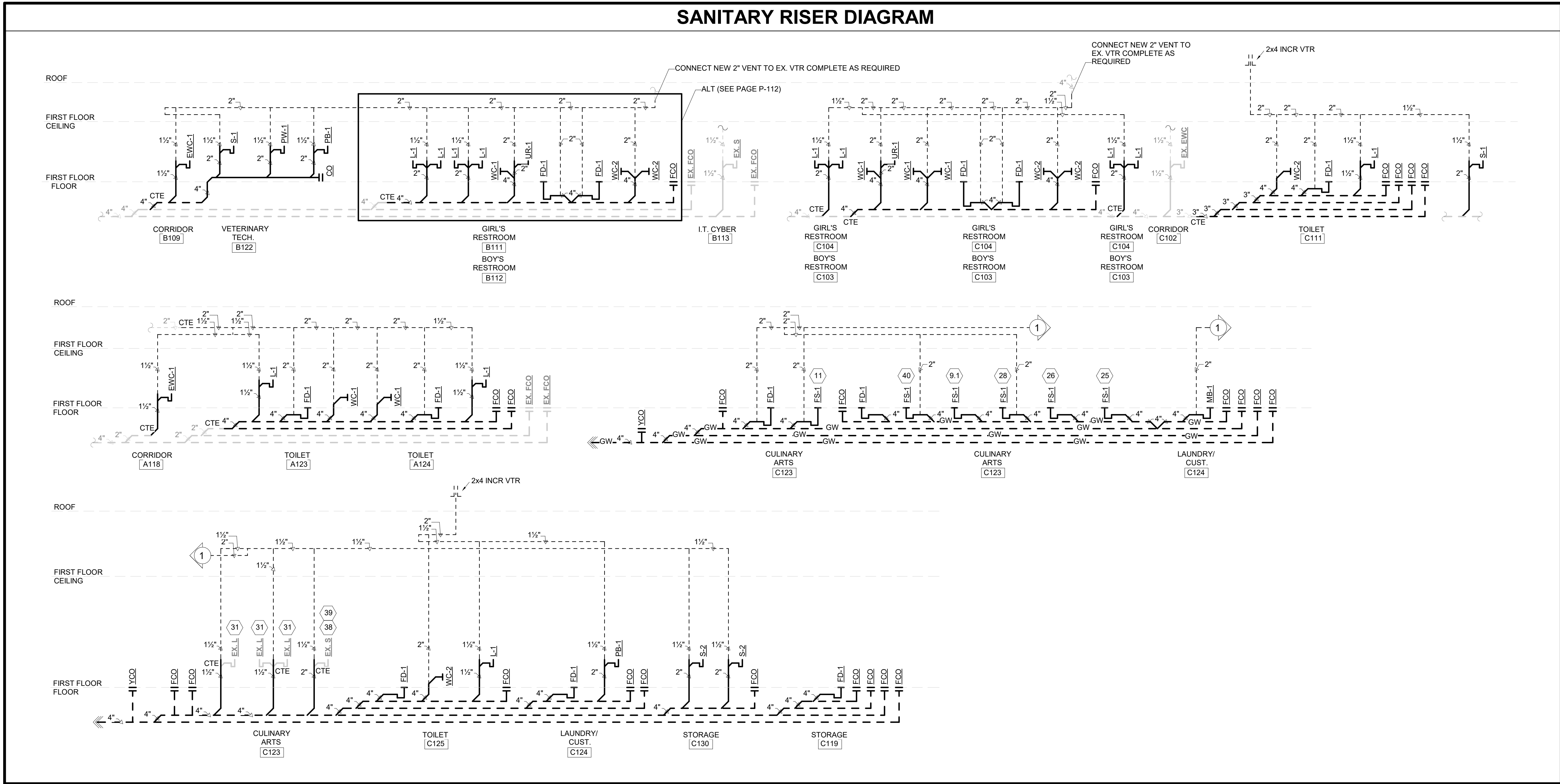
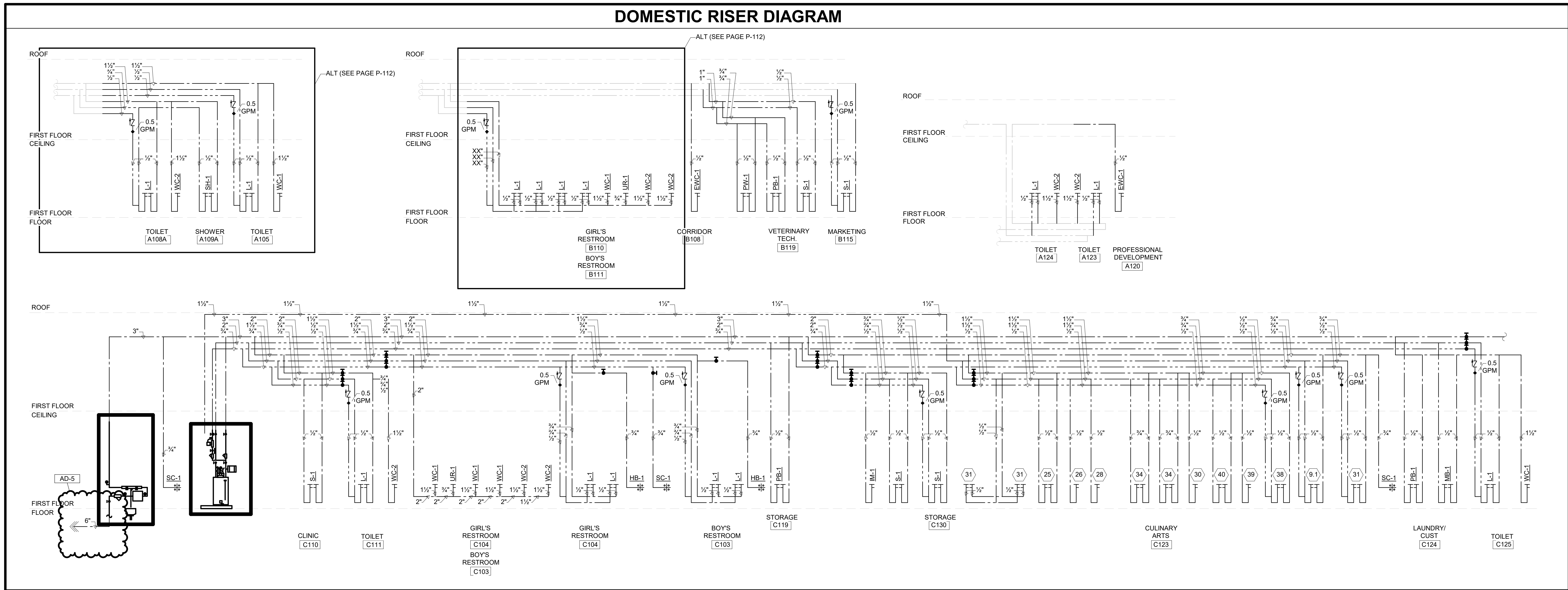
1
T-101

TECHNOLOGY FIRST FLOOR PLAN

1/8" = 1'-0"



10/2/2025 8:38:45 AM
C:\Users\mdgeorge\Documents\MEG_Vaipo Vale Campus_MEP_P25_MDsGeorge\W02R.rvt



GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT:

**VALE ADDITION
AND
RENOVATION**

VALPARAISO COMMUNITY
SCHOOLS
653 HAYES LEONARD RD
VALPARAISO, IN 46385

100% CD SET

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

25-113

DATE

09/04/25

COORDINATED BY

JC

DRAWN BY

OC

CHECKED BY

DJ



COPYRIGHT NOTICE:

THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NO PART 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-1	09/11/25	ADDENDUM NO. 1
AD-5	10/03/25	ADDENDUM NO. 5

DRAWING
PLUMBING RISER DIAGRAMS

PROJECT
VALE ADDITION AND RENOVATION

© GIBRALTAR
DESIGN

SHEET

P-502

Copyright © 2025 Millies Engineering Group