

ADDENDUM NO. 2

September 23, 2025

**TRI-COUNTY SCHOOL JR-SR HIGH SCHOOL BACKPACK ADDITION &
NEW MAINTENANCE FACILITY
Wolcott, IN 47995**

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 August 14, 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 2-1 through ADD 2-2, and attached Addendum No. 2 from Gibraltar Design dated September 22, 2025, consisting of 1 page, Specification Sections 22 11 00 - Domestic Water Distribution, Specification Section 23 34 00 - Exhaust Fans and Accessories, and 3 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. ADD:

Specification Section 22 11 00 - Domestic Water Distribution
Specification Section 23 34 00 - Exhaust Fans and Accessories

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

B. BID CATEGORY NO. 02 - PLUMBING

1. ADD:

Specification Section 22 11 00 - Domestic Water Distribution

C. BID CATEGORY NO. 03 - MECHANICAL

1. **ADD:**

Specification Section 23 34 00 - Exhaust Fans and Accessories

ADDENDUM TWO

Addendum Two (AD.02) to the drawings and specifications prepared by Gibraltar Design for **Tri-County Jr/Sr High School Backpack Addition & New Maintenance Facility** for Tri-County School Corporation, Wolcott, 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 Addendum #1 and this Addendum and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. **Specification Section 22 11 00 Domestic Water Distribution**
 - A. Add Specification Section 22 11 00 Domestic Water Distribution, included in this Addendum to the Project Manual.
2. **Specification Section 23 34 00 Exhaust Fans and Accessories**
 - A. Add Specification Section 23 34 00, Exhaust Fans and Accessories, included in this Addendum to the Project Manual.

DRAWINGS

Refer to Revised Full-Size Drawings included in this Addendum for revisions (unless noted that no drawing is attached).

3. **Sheet P-001**
 - A. Added Oil Separator manufacturer and model information to Plumbing Fixture Schedule.
 - B. Removed Plumbing General Note 19.
4. **Sheet P-110**
 - A. Added tag to oil separator on Riser Diagram and Floor Plan.
5. **Sheet P-501**
 - A. Added Oil Separator Detail to sheet.

Page 1, inclusive, Specifications 22 11 00 and 23 34 00, and three (3) Full-Size Drawings, constitute the total makeup of **Addendum Two**.

DIVISION 22 – PLUMBING
Section 22 11 00 – Domestic Water Distribution

1.00 PART 1 – GENERAL

1.01 RELATED DOCUMENTS:

- A. Conform to all applicable provisions of Section 22 05 00.

1.02 DESCRIPTION OF WORK:

- A. Supply labor, equipment, and material required for the complete installation and testing of the domestic water distribution system, as shown on the contract documents.
 - 1. Plumbing demolition work.
 - 2. Domestic cold, hot water and hot water recirculating piping systems
 - 3. Water connections to plumbing fixtures and equipment.

1.03 SHOP DRAWING SUBMITTALS:

- A. Submittals shall be required for the following items, and for additional items where required for a complete and operational system:
 - 1. Domestic Water, Piping System Plans.
 - 2. Pipe material, joints, and fitting.
 - 3. Water Main Disinfection Reports.

2.00 PART 2 – PRODUCTS

2.01 PIPE AND FITTINGS:

- A. Below ground exterior water service piping:
 - 1. 2-1/2" and under shall be Type K copper, soft temper, for underground installation, conforming with ASTM-B88 and B-251 with no joints and encased in 1/2" Armaflex insulation.
 - 2. 3" and larger shall be constructed of ductile iron pipe, Class 52 (AWWA-C151) with cement mortar lining (AWWA-C104) and rubber gasket, push-on joints (AWWA-C111). Fittings shall be of ductile iron with cement mortar lining and mechanical joints and conform to AWWA-C110.
- B. Above ground cold, hot and recirculating domestic water piping shall be Type L copper tubing with wrought copper solder type fittings.



- C. Below ground (only where necessary) cold, hot, and recirculating domestic water piping shall be Type K copper tubing conforming with ASTM-B88 with no joints and encased in 1/2" Armaflex insulation. Hot water pipes shall be kept at least 6" away from cold water pipes.
- D. No bull headed tees shall be used on water piping.
- E. Where copper pipe connections are made to piping or an item of equipment of a dissimilar metal, provide dielectric fitting as herein specified.
- F. Pipes shall be straight, true, and parallel and supported at intervals specified above or as indicated on the contract documents. Run piping with proper slope to drain and vent. Branch pipes shall have greater slope.

2.02 JOINTS:

- A. Solder joints in copper pipe shall be 95/5 lead free silfoss solder.
- B. Make joints between copper pipe and galvanized pipe with dielectric isolating couplings or bushings.
- C. Underground copper piping shall be silfossed.
- D. At contractor's option, Rigid Pro-Press, Streamline, Apollo or Viega copper pipe joining and fitting system may be used for domestic water systems in lieu of as specified above. Pipe fittings to conform to the material and sizing requirements of ASME B16.18 or ASME B16.22. O-rings for copper press fittings shall be EDPM. Copper press fitting shall be installed in accordance with the manufacturer's installation instructions.

3.00 PART 3 – EXECUTION

3.01 GENERAL:

- A. Cutting: Cut pipe accurately to measurements established at the building, work into place without springing or forcing, and properly secure to structure in an approved manner.
- B. Cutting or other weakening of the building structure to facilitate piping installation will not be permitted, unless approved. Ream piping to remove burrs and install so as to permit free expansion and contraction without causing damage. Make changes in direction with fittings and changes in main sizes through eccentric reducing fittings.
- C. Piping at tanks and pumps shall be supported independently so that no weight will be supported by the equipment.
- D. Joints, Valves, Couplings: Provide swing joints, swing connects, valves, couplings, expansion loops, etc., at run outs to equipment, devices and other points requiring same to provide flexible piping systems.



- E. Provide shutoff valves and unions or flanges at each branch or in supply and return to each item of equipment. Valves and unions or flanges shall be suitably located to isolate each unit, branch circuit, or section of piping to facilitate maintenance and for removal of equipment and apparatus.
- F. Dielectric couplings or unions shall be provided at the junction of two (2) pipes or of pipe to equipment of two (2) different metals to eliminate electrolytic action.
- G. Piping conveying water shall be installed with a pitch, in the direction of flow of not less than 1" in 40'. In cases where branches are installed and connected into vertical risers, the branches shall pitch back to the respective risers. Horizontal branches from mains shall be taken off the top of respective risers. Horizontal branches from mains shall be taken off the top of the mains by means of 90° ells. It shall be possible to drain separately each part of the system; drain valves shall be provided in the systems wherever required for this purpose.
- H. Before piping is installed, it shall be opened and pounded to remove foreign matter present. Ends of piping and tubing shall be sealed with caps or plugs during construction. Paper or rags will not be permitted. After installation and before final connections are made, piping systems shall be flushed with a material that is not injurious to either the pipe or material to be conveyed by the pipe.

3.02 INSTALLATION:

A. Water Service:

- 1. Provide water service from water main stub located 5'-0" from building to building of size and in location shown on the contract documents. Fire protection and water meter assemblies as indicated on the contract documents. Do work required for a complete assembly including meter, valves, etc.

B. Piping Installation:

- 1. Provide a complete system of domestic cold and hot water distribution and connect to each piece of equipment and fixture.
- 2. Install piping as required for a complete and operational domestic water system. Provide accessories based on actual pipe routing and storage system requirements.
- 3. Piping shall be brought to equipment connections in such a manner so as to prevent the possibility of loads or stresses being applied to the connections.
- 4. Piping shall be isolated from building structure, walls, furring, other piping, etc., to avoid noise transmission.

C. Water Main Disinfection:

- 1. Potable Water Piping: A potable water piping system or part thereof installed or repaired shall be disinfected in accordance with the following methods before such system is placed into use.



- a. The pipe system shall be flushed with clean, potable water until dirty water does not appear at the points of outlet.
- b. The system or part thereof shall be filled with a water/chlorine solution containing at least 50 parts per million of chlorine, and the system or part thereof shall be valved off and allowed to stand for 24 hours; or the system or part thereof shall be filled with a water/chlorine solution containing at least 200 parts per million of chlorine and allowed to stand for three (3) hours.
- c. Following the allowed standing time, the system shall be flushed with clean potable water until chlorine does not remain in the water coming from the system.
- d. Submit water samples for testing by local authorities, and the procedure shall be repeated if it is shown by a bacteriological examination that contamination is still present in the system.

D. Air Chambers:

1. Hot and cold water supplies to each individual or group of plumbing fixtures shall be fitted with air chambers of ample size to prevent water hammer. Air chambers shall be not less than 12" length. Approved type shock absorbers will also be acceptable.
2. Provide water hammer arrestors, where quick closing valves are utilized. Water hammer arrestors shall be installed in accordance with the manufacturer's recommendations and shall conform to ASSE 1010.

END OF SECTION 22 11 00

DIVISION 23 – MECHANICALSection 23 34 00 – Exhaust Fans and Accessories1.00 PART 1 – GENERAL1.01 RELATED DOCUMENTS:

- A. Conform to applicable provisions of Section 23 05 00, 23 07 00 and 23 88 00.

1.02 DESCRIPTION OF WORK:

- A. Furnish the labor, materials, equipment, appliances, services, and perform the operations in connection with the construction and installation of the exhaust systems. Work to be as herein specified and as denoted on the accompanying contract documents.
- B. This section of the work includes the furnishing and installing of exhaust fans and accessories.

1.03 QUALITY ASSURANCE:

- A. Fans shall be tested, rated, and certified for capacity and sound ratings.
- B. Exhaust fans shall be U.L. Listed and AMCA certified.
- C. Equipment in this section shall meet or exceed the requirements and quality of the items herein specified or as denoted on the contract documents.

1.04 SHOP DRAWING SUBMITTALS:

- A. Submittals shall be required for the following items and for additional items where required for a complete and operational system:
 - 1. Exhaust Fan Product Data
 - 2. Roof Curb
 - 3. Start-up Report

2.00 PART 2 – PRODUCTS2.01 ROOF MOUNTED EXHAUST FANS:

- A. Roof mounted exhaust fans shall be of the centrifugal direct driven ECM type and be UL listed. The motor compartments shall be constructed of heavy gauge aluminum mounted on an independent support structure. The fan hood shall have a rolled bead for added strength. The wheel and spun inlet shall be a centrifugal design of non-sparking construction. Fan blades shall be backward inclined median airfoil blades. Wheels shall be dynamically balanced to assure smooth and vibration-free rotation under maximum loading. The complete drive assembly including the motor and the wheel, shall be mounted on vibration isolators.
 - 1. Electronically Commutated Motor (ECM):

- a. Motor to be a DC electronic commutation type motor (ECM) specifically designed for fan applications.
 - b. Internal motor circuitry to convert AC power supplied to the fan to DC power to operate the motor.
 - c. Motor shall be provided with a potentiometer dial mounted at the motor. Motor speed shall be controllable down to 20% of full speed (80% turndown).
 - d. Motor shall have a minimum efficiency rating of 85% at all speeds.
2. Motor and drives shall be isolated from the exhaust airstream. Air for cooling the motor shall be supplied to the internal motor compartment through louvers from a location free from discharge contaminants. Motors shall permanently lubricated, sealed ball bearings. Motors shall be readily accessible for maintenance.
 3. The wheel shaft on belt drive units shall be ground, polished, coated with a rust inhibitive finish, and mounted in heavy duty, permanently sealed pillowblock ball bearings. Bearing shall be capable of 200,000 hours of life, average operation. The drives shall be sized at a minimum of 165% of driven horsepower. Drive belts shall be oil-resistant, non-static and capable to 25,000 hours of life, average operation.
 4. The motor shall be factory wired to the disconnect junction box and a disconnect shall be supplied. A conduit chase shall be provided for running electrical wiring through the curb cap into the motor compartment.
 5. Provide each fan with heavy gauge welded galvanized bird screen and motorized damper.
 6. Sound and noise levels shall not exceed manufacturer's published values and oversized motors will not be accepted. Performance ratings shall be AMCA licensed for Air and Sound. Fans shall be UL listed.
 7. Provide each fan with an insulated curb 12" in height minimum above finished roof. Curb to match pitch of roof as required.
 8. Roof exhaust fans shall be as manufactured by Greenheck. Fans manufactured by ACME, Penn, Loren-Cook, Carnes, or Twin City will be considered equivalent.

2.02 CEILING MOUNTED EXHAUST FANS:

- A. Cabinet exhaust fans with integral plastic grille shall be of the direct driven type of the size and capacity as indicated on the contract documents. The wheels shall be dynamically balanced to assure smooth and vibration-free rotation under maximum loading. The fans shall be constructed out of insulated heavy gauge galvanized steel housing.
 1. Direct drive series motor shall be low rpm and mounted on resilient mounts. Motors shall be permanently lubricated, sealed bearings. Electrical wiring shall be routed to the motor compartment through the air tube.



2. Horsepower and noise levels shall not exceed the manufacturer's published values and oversized motors will not be acceptable. Performance ratings shall be AMCA licensed for air and sound.
3. Provide unit with roof caps and back draft damper as indicated and required for a complete operating system.
4. Ceiling exhaust fans shall be as manufactured by Greenheck. Fans manufactured by ACME, Penn, Loren-Cook, Carnes, or Twin City will be considered equivalent.

3.00 PART 3 – EXECUTION

3.01 INSTALLATION:

A. Equipment Installation:

1. Provide permanent placard attached to unit identifying unit number.
2. Provide temporary weathertight enclosures to protect roof openings until unit is installed.
3. Provide and install roof curb and set unit level onto roof curb. Adjust roof curb as required for sloped roofs. Equipment shall be sealed air and watertight to roof curb.
4. Provide and install vibration isolation hangers for in-line exhaust fans.
5. Install all field-installed options shipped loose with equipment per manufacturer's recommendations.
6. Do not operate units for any purpose, temporary or permanent, until ductwork is clean and fan has been test run under observation.

B. Ductwork Installation:

1. Connect exhaust air ductwork to equipment with flexible connections.
2. Install exhaust air equipment to maintain minimum 15 feet clearance between outdoor intake opening and nearest exhaust.

C. Temperature Control Installation:

1. Control wiring is to be in accordance with local, federal, state, and national electric wiring codes.

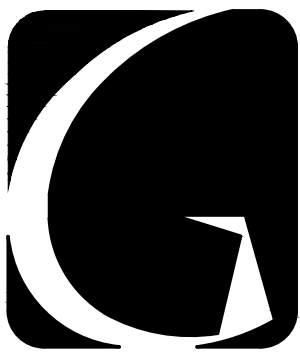
D. Start-up:

1. Submit start-up report for review. As a minimum, start up report shall contain the following information:
 - a. Electrical connections and terminals have been connected and are tight.



- b. Maintenance personnel have been instructed in the care and operation of the equipment.
- c. Field supplied options shipped loose have been installed per manufacturer's recommendations.
- d. Remote start/stop and reset are functional.

END OF SECTION 23 34 00



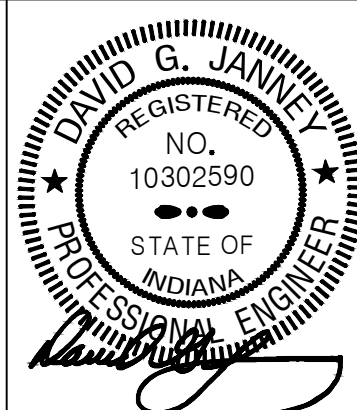
GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT
**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**
TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, 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
24-120
DATE
08/15/25
COORDINATED BY
JC
DRAWN BY
EH
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-02	09/22/25	ADDENDUM NO. 2

DRAWING
**PLUMBING GENERAL
NOTES & LEGEND**

PROJECT
**TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY**

© GIBALTAR DESIGN SHEET
P-001

PLUMBING FIXTURE SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	FIXTURE VALVE/FAUCET TYPE	FIXTURE VALVE/FAUCET TYPE	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	ZURN ZC100-NH-DP-EA	NOTE 1	-	-	-	PROVIDE WITH CAST IRON DOME
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	ZURN ZC100-NH-DP-EA-W2	NOTE 1	-	-	-	PROVIDE WITH CAST IRON DOME
FD-1	FLOOR DRAIN	CAST IRON BODY, 9" DIA. CAST IRON TOP W/ CLEANOUT	ZURN Z730-DG-VP	NOTE 1	-	-	-	VANDALPROOF SCREWS
FS-1	FLOOR SINK	CAST IRON, 8" DEEP, ACID RESISTING, 12"x12" TOP	ZURN ZN1901-4NH-19-32	NOTE 2	-	-	-	ALUMINUM DOME STRAINER, WITH NO GRATE, SLOPED RIM. TOP TO BE MOUNTED FLUSH WITH FLOOR
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED ADA	SLOAN ST-2459	NOTE 2	MANUAL FLUSH VALVE, 1.6 GPF	SLOAN ROYAL 111-1.6-I-B	NOTE 3	
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18" ADA	SLOAN SS-3003	NOTE 2	0.5 GPM-SINGLE LEVER HANDLE, 4" CENTERS	T&S BRASS B-2771-VF05	NOTE 4	MCGUIRE PW2150WC 1-1/2" PROWRAP, MCGUIRE LFH2167CCLK , LAVATORY CHAIR CARRIER. PROVIDE BRADLEY S59-4000A -VALVE RATED AT 2 GPM @ 5 PSI PRESSURE DROP (MIN. FLOW 0.2 GPM)
SS-1	SERVICE SINK	CAST IRON WALL MOUNTED, 22"x18"	AMERICAN STANDARD 7892.008	NOTE 5	WALL MOUNTED SERVICE FAUCET	T&S BRASS B-2465	NOTE 6	VALVE RATED AT 2 GPM @ 5 PSI PRESSURE DROP (MIN. FLOW 0.2 GPM)
TD-1	TRENCH DRAIN	6" WIDE PRESLOPED HIGH DENSITY POLYPROPYLENE	ZURN Z886-DBG-VP	NOTE 7	-	-	-	DUCTILE IRON CAST BAR GRATE. VANDAL-PROOF LOCKDOWN, CLASS "C" RATED
EMSH-1	EM. SHOWER/EYEWASH	COMBINATION EMERGENCY SHOWER/EYE WASH	BRADLEY S19314DCBF	NOTE 8	-	-	-	PROVIDE WITH BRADLEY S19-2150 THERMOSTATIC MIXING VALVE.
HB-1	HOSEBIBB	VACUUM BREAKER, 3/4" HOSE THREAD, HOT/COLD FAUCET	CHICAGO FAUCET CO. 952-CP	NOTE 9	-	-	-	-
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY, LOCKING COVER	ZURN Z1300	NOTE 9	-	-	-	-
OS-1	OIL/GAS SEPARATOR	100 GPM, 250 GAL. STORAGE	STRIEM OS-100	NOTE 10	-	-	-	-

NOTE 1: JOSAM, J.R. SMITH, MIFAB, WADE, WATTS
NOTE 2: AMERICAN STANDARD, KOHLER, ZURN, SLOAN, TOTO
NOTE 3: AMERICAN STANDARD, KOHLER, ZURN, SLOAN, TOTO
NOTE 4: ZURN, DELTA, SLOAN, CHICAGO FAUCET CO.

NOTE 5: ZURN, FIAT, MUSTEE, SWAN, ACORN
NOTE 6: ZURN, DELTA, T&S BRASS, CHICAGO FAUCET CO.
NOTE 7: ZURN, JOSAM, J.R. SMITH, WADE, WATTS, DURA TRENCH
NOTE 8: GUARDIAN

NOTE 9: ZURN, J.R. SMITH, WOODFORD, CHICAGO FAUCETS
NOTE 10: ZURN

AD-02

AD-02

PLUMBING EQUIPMENT SCHEDULE

TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA							
						HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ.
WH-1	WATER HEATER	150 MBH, 178 GPH @ 100f., 100 GAL. STORAGE	A. O. SMITH BTH-150(A)	NOTE #1	TEMP. RELIEF VALVE, DRAIN VALVE PIPED TO FLOOR DRAIN	-	-	-	-	-	120	1	60
-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE #1: STATE, LOCHINVAR, A.O. SMITH, BOCK, BRADFORD WHITE

AIR COMPRESSOR SCHEDULE

AC NO.	SYSTEM SERVED	MANUFACTURER AND MODEL	AIR REQUIREMENTS		ELECTRICAL DATA			SEE NOTE
			CFM	PSIG DELIVERED	HP	VOLTS	PHASE	
AC-1	BUS MAINTENANCE GARAGE	QUINCY # QT-5	17.2	120 MAX	5	208	3	1 & 2
NOTES: PROVIDE WITH 80 GALLON TANK, PRESSURE REGULATION. PROVIDE WITH QUINCY MODEL QPNC 25 AIR FILTER DRYER, 120V/1/60 WITH CORD AND PLUG.								

BACKFLOW PREVENTER SCHEDULE

TAG	SYSTEM	MANUFACTURER / MODEL #	TYPE	DESIGN CAPACITY (GPM)	PRESSURE DROP (PSIG)	SIZE (IN)	SEE NOTE
BFP-1	DOMESTIC WATER	WATTS LF009-OSY-S	REDUCED PRESSURE ZONE ASSEMBLY	60	12	1.5	1
NOTES: 1. PROVIDE WITH AIR GAP FITTING. PIPE DRAIN TO NEAREST FLOOR DRAIN.							

PLUMBING LEGEND

NAME	SYMBOL	ABBREVIATION
COLD WATER		CW
120" HOT WATER		HW
SANITARY WASTE		W
COMPRESSED AIR		A
PLUMBING VENTS		V
SHUT-OFF VALVE		
SHUT-OFF VALVE (GAS)		
TRIPLE DUTY VALVE		
CHECK VALVE		
TEMPERATURE REGULATING VALVE		
BALANCING VALVE STATION		
PRESSURE RELIEF VALVE		
PRESSURE REGULATING VALVE		
UNION		
PIPE ANCHOR		
PIPE GUIDE		
PIPING DROP WITH RESPECT TO FLOW		
PIPING RISE WITH RESPECT TO FLOW		
PIPE TEE OUT OF TOP		
PIPE TEE OUT OF BOTTOM		
PRESSURE GAUGE		
THERMOMETER		
STRAINER		
AUTOMATIC AIR VENT		
WALL HYDRANT		WH
HOSE BIBB		HB
PLUMBING (VENT THRU ROOF)		VTR
FLOOR DRAIN		FD
CLEANOUT (FLOOR, SUSPENDED)		CO
WATER CLOSET		WC
LAVATORY		LAV
SINK		S
MOP BASIN		MB
BELOW FINISH GRADE		BFG

PLUMBING GENERAL NOTES

(APPLY TO ALL PLUMBING SHEETS)

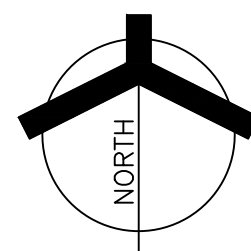
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR ALL DEMO AND NEW WORK SHOWN ON "PD" AND "P" SHEETS AND IN THE SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- PLUMBING CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND MODIFY WORK AS REQUIRED FOR ANY VARIATIONS OR DEVIATIONS FROM THOSE SHOWN ON THESE SHEETS.
- ALL WALLS, LIGHTS, EQUIPMENT, DUCTWORK, PIPING, ETC. SHOWN WITH THIN DOTTED OR SOLID LINES IS EXISTING TO REMAIN CONDITIONS AND SHOULD BE USED FOR REFERENCE ONLY, AND MAY INDICATE NONEXISTENT OR INACCURATE CONDITIONS.
- ALL EQUIPMENT, DUCTWORK AND PIPING SHOWN WITH THICK SOLID LINES IS NEW WORK.
- ALL EQUIPMENT, DUCTWORK AND PIPING SHOWN WITH THICK DASHED LINES IS DEMO WORK.
- ALL BULKHEADS, CANOPIES AND ROOF OVERHANGS SHOWN WITH THIN DOTTED/DASHED LINES AND IS NOT OTHERWISE NOTED, INDICATE LOCATION PROVIDED BY OTHER CONTRACTORS.
- REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL SHEETS TO COORDINATE ALL WORK.
- ALL PIPING LOCATED IN PIPE CHASES SHALL BE PLACED AS CLOSE TO WALLS AS POSSIBLE TO ALLOW MAXIMUM ACCESS.
- ALL PLUMBING PIPING LOCATED ABOVE CEILINGS SHALL BE PLACED TO AVOID DUCTWORK, LIGHT FIXTURES, JOISTS, BEAMS, EXISTING PIPING AND EQUIPMENT, ETC.
- PROVIDE CEILING ACCESS PANELS FOR ACCESS TO SHUT-OFF VALVES, CONTROL VALVES, DRAIN VALVES, EQUIPMENT, ETC. LOCATED ABOVE NON-ACCESSIBLE CEILINGS (INCLUDES ALL EXISTING ITEMS REQUIRING ACCESS WHERE NEW NON-ACCESSIBLE CEILINGS OCCUR). COORDINATE ALL ACCESS PANELS WITH ARCHITECT.
- PLUMBING CONTRACTOR SHALL CORE DRILL HOLES THROUGH FLOORS, WALLS, DECKS, ETC. WHERE PASSAGE IS NOT AVAILABLE TO INSTALL NEW PIPING. PROVIDE PIPE SLEEVES AND PROPERLY SEAL ALL PIPE PENETRATIONS AS REQUIRED. REFER TO SPECIFICATIONS. PENETRATIONS THRU PRETENSIONED CONCRETE SLABS SHALL BE COORDINATED WITH CONSTRUCTION MANAGER.
- ALL DOMESTIC WATER PIPING HEADERS LOCATED IN PIPE CHASES SHALL BE SAME SIZE AS PIPE MAIN DROPS INTO CHASES, UNLESS OTHERWISE NOTED.
- ALL DOMESTIC BRANCH PIPING SHOWN WITHOUT SIZES INDICATED, SHALL BE A MINIMUM OF 3/4" UNLESS OTHERWISE NOTED.
- ALL HORIZONTAL SANITARY PIPING INSIDE OF BUILDING ABOVE FLOOR SLAB SHALL SLOPE AT 1/4" PER 1'-0", UNLESS OTHERWISE NOTED. ALL SANITARY PIPING LOCATED BELOW FLOOR SLAB SHALL SLOPE AT 1/8" PER 1'-0" MINIMUM, UNLESS OTHERWISE NOTED.
- ALL WASTE PIPING UNDER FLOOR SLABS SHALL CONTINUE FULL SIZE OF HORIZONTAL BRANCH. VERTICAL SUPPLY RISER TO FIXTURES SHALL BE REDUCED TO SIZE REQUIRED BY THE FIXTURE, FLUSH AT FLOOR OR WALL SURFACE.
- WATER HAMMER ARRESTORS SHALL BE SIZED AND INSTALLED PER PLUMBING AND DRAINAGE INSTITUTE (STANDARD PDI-WH 20), REQUIREMENTS IN ACCESSIBLE LOCATIONS ON THE COLD WATER PIPING, AND WHERE FLUSH VALVES AND ANY OTHER QUICK CLOSING VALVES ARE USED.
- PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL VALVES IN ALL PIPING AS REQUIRED TO FACILITATE OPERATION OF VARIOUS SYSTEMS DURING CONSTRUCTION.
- EXISTING PIPING SHOWN ON PLUMBING SHEETS WERE TAKEN FROM EXISTING DRAWINGS AND LIMITED FIELD SURVEY. LOCATIONS OF EXISTING PIPING MAY NOT BE EXACT.

AD-02

[illegible]

1. SEE SHEET P-001 FOR GENERAL PLUMBING NOTES, LEGEND AND SCHEDULES.
2. SEE SHEET P-501 FOR PLUMBING DETAILS.

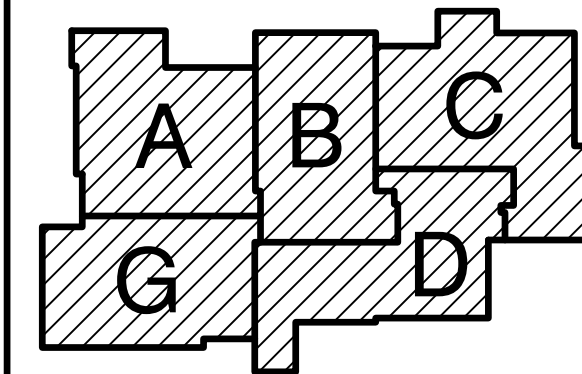
- ① 6" SANITARY WASTE PIPE, SEE CIVIL DRAWINGS FOR CONTINUATION.
- ② 2" UNDERGROUND INCOMING DOMESTIC WATER, SEE CIVIL DRAWINGS FOR CONTINUATION.
- ③ INCOMING NATURAL GAS PIPING TO METER, SEE CIVIL DRAWINGS FOR CONTINUATION.
- ④ DOMESTIC WATER HEATER WITH THERMOSTATIC MIXING VALVE SET ON MEZZANINE ABOVE RESTROOM IN DRAIN PAN. ROUTE OUTLET OF DRAIN PAN TO NEAREST FLOOR DRAIN.
- ⑤ OIL INTERCEPTOR SET BELOW FLOOR WITH ACCESS AT FLOOR LEVEL.
- ⑥ 4" SANITARY WASTE EXITING BUILDING AT 4'-6" BELOW FINISHED FLOOR LEVEL. SLEEVE PIPING THROUGH FOUNDATION AS REQUIRED.
- ⑦ 4" SANITARY WASTE FROM INTERCEPTOR LEAVING BUILDING AT 4'-6" BELOW FINISHED FLOOR. SLEEVE PIPING THROUGH FOUNDATION AS REQUIRED.
- ⑧ 2" VENT UP THROUGH ROOF FROM INTERCEPTOR.
- ⑨ 3" VENT FROM FIXTURES TO 4" VENT THROUGH ROOF.
- ⑩ WASH UP SINK WITH 2" WASTE, 1 1/2" VENT AND 3/4" H&CW FROM PIPING IN TOILET CHASE.
- ⑪ EMERGENCY SHOWER/EYEWASH WITH 2" WASTE, 1 1/2" VENT AND 3/4" H&CW FROM PIPING IN TOILET CHASE. PROVIDE WITH INDIVIDUAL MIXING VALVE.
- ⑫ INCOMING WATER SERVICE BACKFLOW PREVENTER.
- ⑬ 1 1/2" HOT WATER DRAIN IN CHASE TO SERVE PLUMBING FIXTURES WITH WATER HAMMER ARRESTOR. 2" COLD WATER HEADER TO SERVE PLUMBING FIXTURES WITH WATER HAMMER ARRESTOR.
- ⑭ QUICK CONNECT COUPLING AT BOTTOM OF COMPRESSED AIR DROP MOUNTED AT 48" ABOVE FINISHED FLOOR. PROVIDE 6" DIRT LEG AT END OF DROP. PROVIDE PRESSURE REGULATOR AHEAD OF QUICK CONNECT COUPLING.
- ⑮ 2" NATURAL GAS TIGHT TO WALL AND UP TO UNDERSIDE OF ROOF JOISTS AND BELOW CEILING.
- ⑯ AIR COMPRESSOR AND TANK ON CONCRETE PAD TIGHT TO CORNER.
- ⑰ HOT AND COLD WATER HOSE BIBBS IN LOCKABLE WALL BOX AT 3'-0" ABOVE FINISHED FLOOR FOR MAINTENANCE WASH DOWN USAGE.
- ⑱ 3/4" COLD WATER TO NON-FREEZE WALL HYDRANT FROM WATER LINE HELD TIGHT TO WALL AND EXPOSED TIGHT TO CEILING. CONNECT TO WATER MAIN PIPING WITH TOILET ROOM CHASE.
- ⑲ 3" WATER HEATER INTAKE AND EXHAUST PIPE UP THRU ROOF IN ROOF CURB. TERMINATE 18" ABOVE ROOF LINE WITH MANUFACTURERS TERMINATION KIT.



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

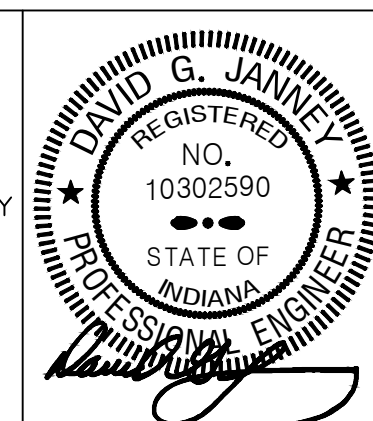


**TRI-COUNTY
JR-SR HIGH
SCHOOL -
BACKPACK
ADDITION & NEW
MAINTENANCE
FACILITY**
TRI-COUNTY SCHOOL
CORPORATION
WOLCOTT, INDIANA



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

24-120
DATE 08/15/25
COORDINATED BY JC
DRAWN BY EH
CHECKED BY DJ



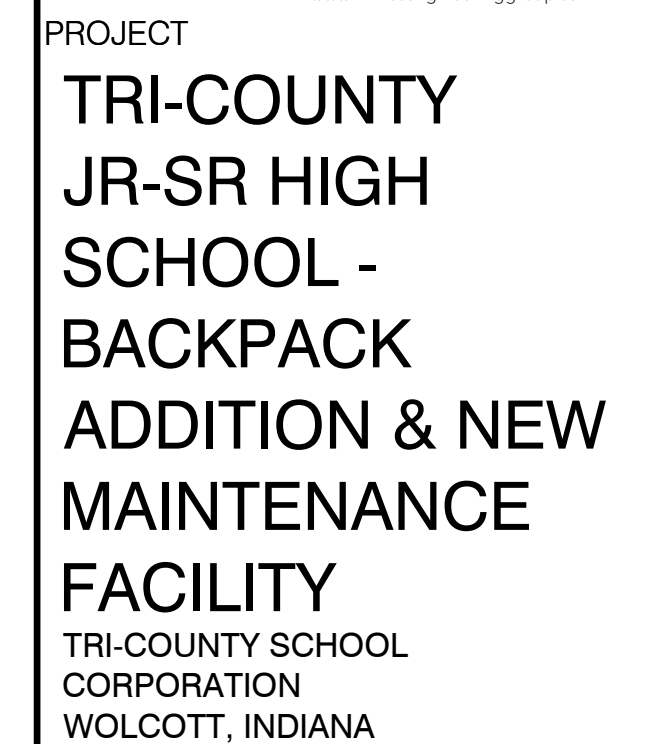
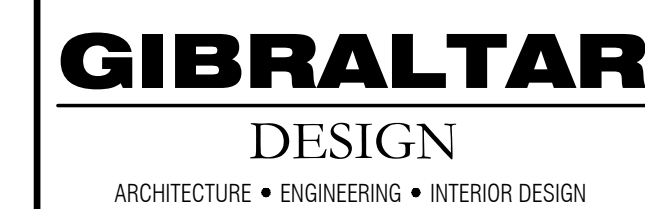
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN.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

[illegible]

PROJECT
TRI-COUNTY JR-SR HS BACKPACK
ADDITION & NEW MAINTENANCE FACILITY

SHEET

P-110



© GIBRALTAR DESIGN
SHEET
P-501