

ADDENDUM NO. 1

January 12, 2023

DUNELAND BRUMMITT ELEMENTARY SCHOOL RENOVATIONS Chesterton, IN 46304

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 November 30, 2022 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 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated January 11, 2023 and consisting of 2 pages and 8 drawings.

A. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.02 - General Requirements

1. Revise:

Clarification No. 2: Autodesk Build is replacing PlanGrid. Autodesk Build does not require users to purchase a license. Contractors will be invited to the project and required to use this tool. Autodesk Build will be used as the Current Set and As-Built Record Drawings. Additionally, it will be used to track Issues for Safety, QA/QC, Non-Compliance Issues, Work Completion List and Punch List. Autodesk Build along with the BIM Collaboration tool will facilitate overhead coordination and clash detection. Contractors shall participate and provide BIM Models of their work to facilitate this coordination.

B. SPECIFICATION SECTION 01 29 00 - PAYMENT APPLICATIONS

Under 1.03 - Applications for Payment

1. Revise:

- H.** Monthly Application for Payment: Contractors should be current on all aspects of the project. Payment should only be allowed for approved change orders and allowance authorizations. In addition, contractor shall be current on all responsibilities to include:
1. Submittals
 2. Schedule
 3. RFP responses
 4. Autodesk Build Issues
 5. Daily Cleaning
 6. As Built mark ups in Autodesk Build

C. SPECIFICATION SECTION 01 77 00 - CLOSEOUT

Under 3.03 - Project Record Documents

1. Revise:

- A.** Project Record Documents include drawings, project manuals, addenda, changes, and submittals. Contractors shall maintain As-Built conditions in Autodesk Build which will become Project Record Drawings.

ADDENDUM ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design for **Brummitt Elementary School Renovations** for Duneland School Corporation, Chesterton, 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 include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 10 11 00 **Markerboards & Corkboards**

- A. Claridge Aspire Marker/Projection Boards is hereby approved to bid Markerboards and Projectable Markerboards for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

DRAWINGS

2. Sheet A-601

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Add glazing markings to door elevations where noted.
 - 2. Add general door notes M and N.

3. Sheet FP-001

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Revisions to the Fire Protection Service Diagram and general notes.

4. Sheet P-001

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Revisions to Plumbing Equipment Schedule.

5. Sheet PD-101

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Revisions in Boiler Room A-128 and Storage A-129.

6. Sheet P-101

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



revisions:

1. Plumbing revisions in Storage A-157.

7. Sheet P-111

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

1. Revisions in Storage A-157 and Mechanical A-156.

8. Sheet P-501

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

1. Revisions to the Incoming Domestic Water Service Diagram and the Tankless Water Heater Diagram.

9. Sheet P-502

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

1. Revisions to Riser Diagram.

Pages 1 through 2 inclusive, Eight (8) Full-Size Drawings, constitute the total makeup of **Addendum One**.

**GIBRALTAR**

DESIGN

Y:\21-136 Duneland SC - Brummitt ES Additions and Renovations\Specs\ADDENDUM ONE\AD01.docx

ZONE #1 INSPECTOR TEST CONNECTION

ZONE #2 INSPECTOR TEST CONNECTION

ZONE #1

ZONE #2

FIRST FLOOR PLAN

[illegible]

- NTS

FIRE PROTECTION EQUIPMENT SCHEDULE												
TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA							
					HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ
FP-1	FIRE PUMP	500 GPM • 80 PSI DISCHARGE W/ SUCTION • 30 PSI	XYLEM AC 4x4x1F, 1500	PROVIDE WITH SOFT START, 4" SUCTION/ 4" DISCHARGE	20	-	-	-	-	480	3	60
JP-1	JOCKEY PUMP	10 GPM • 15 PSI	XYLEM AC	-	1	-	-	-	-	480	3	60

- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NFPA 13 REQUIREMENTS.
- B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE, ANY DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND CONSTRUCTION MANAGER'S SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- C. THE ENTIRE BUILDING OR THE NEW ADDITIONS SHALL BE FURNISHED AND INSTALLED WITH A COMPLETE AUTOMATIC SPRINKLER SYSTEM.
- D. THE BUILDING HAS MULTIPLE OCCUPANCY CLASSIFICATIONS AND THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR EACH CLASSIFICATION ACCORDING TO NFPA REQUIREMENTS. FOR PORTIONS OF THE FACILITY WHICH ARE OF DIFFERENT CLASSIFICATIONS THAT ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING AREA SHALL EXTEND 15'-0" BEYOND ITS PERIMETER.
 - 1. GENERAL AREAS ARE LIGHT HAZARD, 0.10 GPM/SQ.FT. FOR THE MOST REMOTE 1500 SQ.FT.
 - 2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), 0.15 GPM/SQ.FT. FOR THE MOST REMOTE 1500 SQ.FT.
- E. LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- F. VERIFY IF EXISTING ASBESTOS WILL BE ENCOUNTERED PRIOR TO STARTING ANY WORK. IF ASBESTOS IS PRESENT, THE OWNER WILL PROVIDE FOR THE REMOVAL OF ANY MATERIAL CONTAINING ASBESTOS. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- G. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- H. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING SYSTEMS.
- I. FIRE PROTECTION PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, PLUMBING PIPING AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.
- J. REFER TO ARCHITECTURAL, REFLECTED CEILING PLANS FOR HVAC DIFFUSER LAYOUT AND ELECTRICAL SYMBOLS AND DEVICES IN CONJUNCTION WITH ELECTRICAL LIGHTING, SPRINKLER HEAD LAYOUT, AND CEILING GRID SYSTEM.
- K. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) PRIOR TO ORDERING ANY EQUIPMENT.
- L. INSTALL ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES. COORDINATE WIRING OF DEVICES.
- M. VISIT SITE PRIOR TO BIDDING TO DETERMINE FIELD CONDITIONS. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY NETWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.
- N. EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY AS AN AID TO THE CONTRACTOR. PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING SYSTEMS IDENTIFIED AS NOT BEING REPORTED IN WRITTEN FORM FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
- O. HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.
- P. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY NETWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.
- Q. CUT OR CHANNEL INTO EXISTING WALL CONSTRUCTIONS AS REQUIRED FOR INSTALLATION OF NEW PIPING WITHIN EXISTING WALLS. PATCH WALL SURFACES AND FINISH AS REQUIRED TO MATCH EXISTING CONDITIONS.
- R. REMOVE EXISTING CEILINGS REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING UPON COMPLETION OF WORK - REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING. GYPSUM BOARD CEILINGS: PROVIDE CONCEALED JOINT CONTROL AT EDGES ADJUTING EXISTING GYPSUM BOARD CEILINGS. TAPE IN NEW AREAS TO EXISTING FLUSH - PROVIDE TEXTURE TO MATCH EXISTING.
- S. REMOVE EXISTING SPRINKLER HEADS AND ASSOCIATED BRANCH SPRINKLER PIPING COMPLETE AS REQUIRED. EXTEND AND MODIFY EXISTING PIPING AS REQUIRED FOR NEW SPRINKLER HEAD LAYOUT.
- T. PATCH EXISTING CEILING, FLOOR, WALL AND ROOF OPENINGS AND SURROUNDING FINISHES RESULTING FROM REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.
- U. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS EFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.
- V. REMOVE EXISTING CEILINGS AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.
- W. CUT OR CHANNEL INTO EXISTING WALL CONSTRUCTIONS AS REQUIRED FOR INSTALLATION OF NEW PIPING WITHIN EXISTING WALLS. PATCH WALL SURFACES AND FINISH AS REQUIRED TO MATCH EXISTING CONDITIONS.
- X. SPRINKLER HEADS IN FINISHED CEILING SPACES SHALL BE CONCEALED TYPE. SPRINKLER HEADS IN UNFINISHED SPACES SHALL BE PENDENT, UPRIGHT, OR SIDEWALL TYPE.
- Y. SPRINKLER HEADS LOCATED IN SUSPENDED LAY-IN CEILING SYSTEMS SHALL BE CENTERED IN EACH RESPECTIVE TILE. PROVIDE 6" BURNS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.
- Z. PIPING SHALL BE HYDROSTATICALLY TESTED AT 300 PSI OR 50 PSI ABOVE THE MAXIMUM OPERATING PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF TWO HOURS.
- AA. PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST NFPA 13.
- AB. PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- AC. NET SYSTEM PIPING SHALL BE INSTALLED LEVEL, TO DRAIN BACK TO THE SYSTEM RISER. TRAPPED SECTIONS OF PIPING SHALL HAVE AUXILIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NFPA 13.
- AD. PROVIDE 1" INSPECTOR'S TEST CONNECTIONS FOR EACH ZONE TO ALLOW THE FLOW TESTING OF THE WATER FLOW INDICATOR SITED IN THE SPRINKLER RISER. THE TEST CONNECTION SHALL HAVE A 1/2" GLOBE VALVE LOCATED AT 1'-0" ABOVE THE FLOOR AND SHALL BE ARRANGED TO DISCHARGE THROUGH A 1/2" SMOOTH

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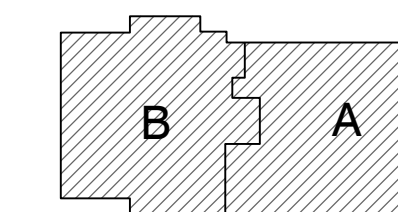
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PROJECT


BRUMMITT
ELEMENTARY
SCHOOL -
RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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 21-136	
DATE 11/30/22	
COORDINATED BY JC	
DRAWN BY MDG	
CHECKED BY D.L.	

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**FIRE PROTECTION
DIAGRAMS, NOTES,
SYMBOLS, & ABBREVIATIONS**

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SHEET

FP-001

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

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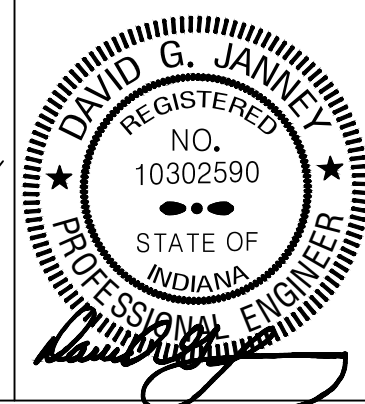
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NOTE 1: AMERICAN STANDARD, KOHLER, ZURN, SLOAN, TOTO
NOTE 1: ZURN, DELTA, SLOAN, CHICAGO FAUCET CO., AMERICAN STANDARD, KOHLER
NOTE 3: ZURN, JOSAM, JR SMITH, MIFAB, WADE, WATTS
NOTE 4: ELKAY, JUST, KOHLER

AD-1

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

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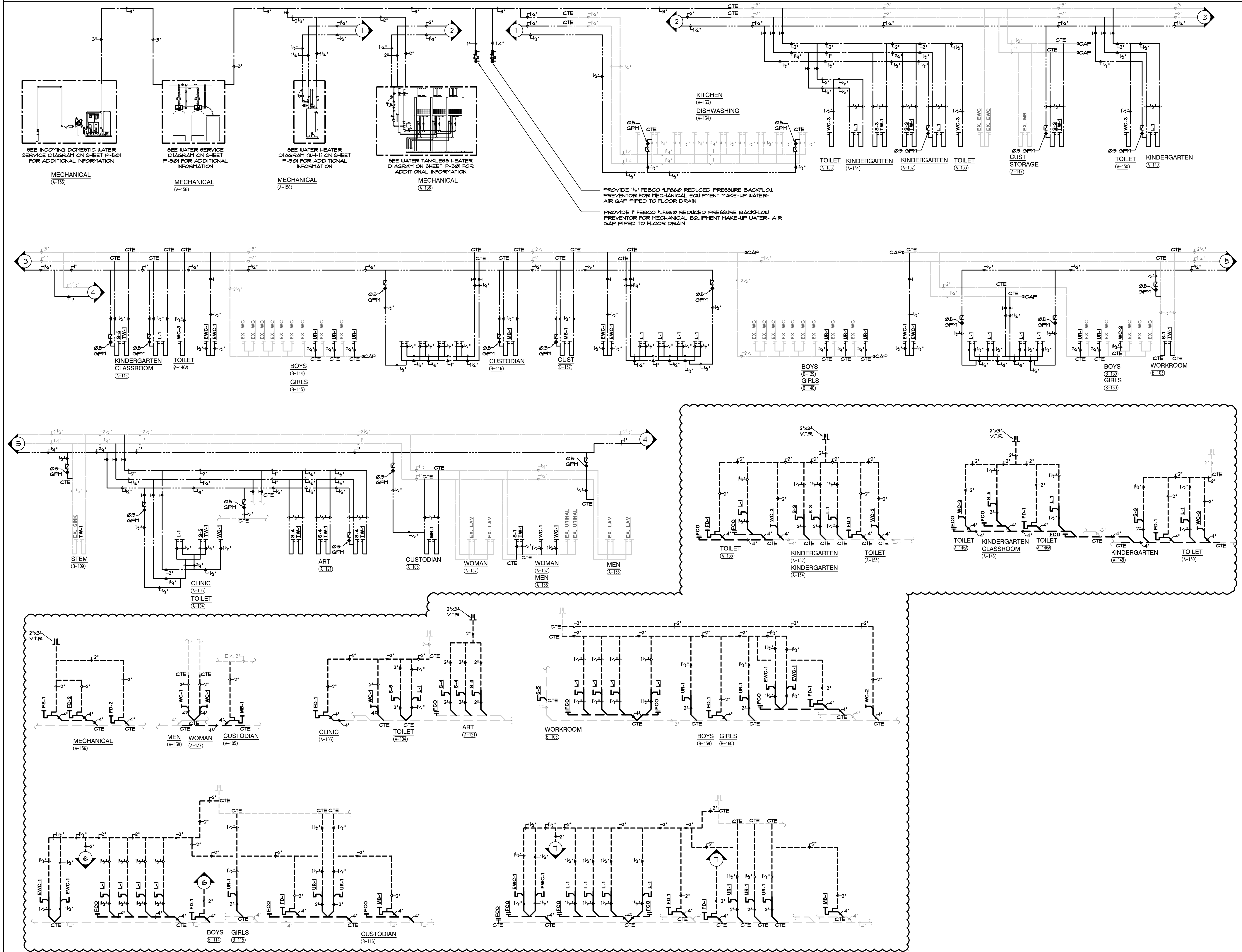


C.

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RISER DIAGRAMS



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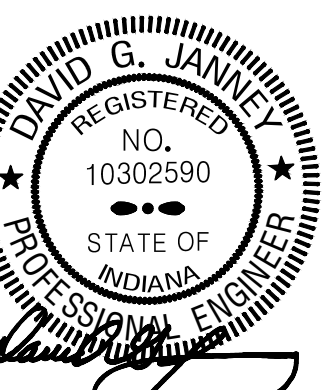
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SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, 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

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