

# VALLEY CENTRAL SCHOOL DISTRICT ADMINISTRATION BUILDING 2023 CAPITAL PROJECT - PHASE 1

**ISSUED FOR BID:** 10/18/24

DRAWING LIST	
<b>GENERAL DRAWINGS</b>	
ADMIN G000	COVER & SHEET INDEX
ADMIN G001	SYMBOLS, ABBREVIATIONS, AND MISC.
<b>ARCHITECTURAL DRAWINGS</b>	
ADMIN A101	OVERALL FLOOR PLAN
<b>PLUMBING GENERAL DRAWINGS</b>	
ADMIN P001	PLUMBING NOTES, LEGEND & DETAILS
<b>PLUMBING DRAWINGS</b>	
ADMIN P111	PLUMBING PLANS
<b>MECHANICAL GENERAL DRAWINGS</b>	
ADMIN M001	MECHANICAL NOTES, LEGENDS, SCHEDULES & DETAILS
<b>MECHANICAL DRAWINGS</b>	
ADMIN M111	MECHANICAL PLANS
<b>ELECTRICAL GENERAL DRAWINGS</b>	
ADMIN E001	ELECTRICAL NOTES, LEGENDS, & SCHEDULES
<b>ELECTRICAL DRAWINGS</b>	
ADMIN E111	ELECTRICAL PLANS

**CSARCH** - ARCHITECTS

BLAKE ENGINEERING, PLLC - M.E.P. ENGINEERS

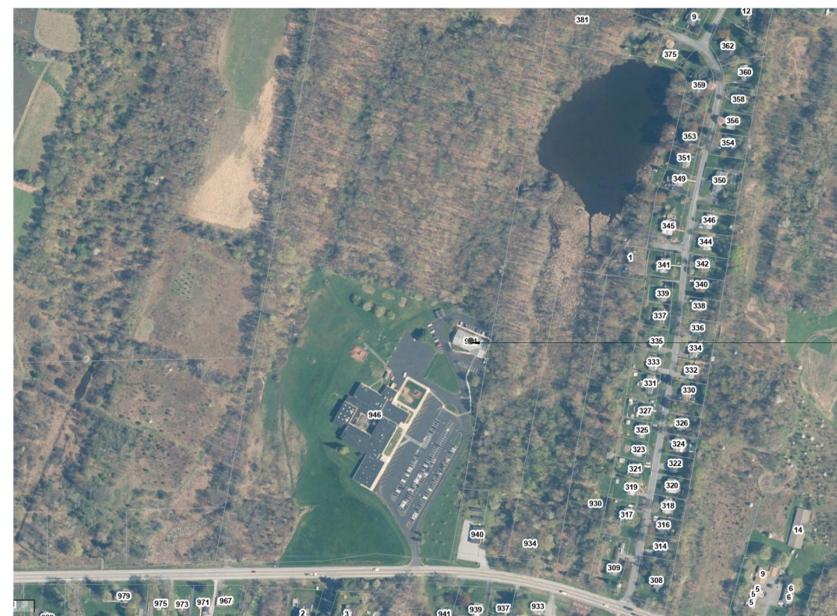
PASSERO ASSOCIATES - SITE/CIVIL AND STRUCTURAL ENGINEERS

AECC ENVIRONMENTAL CONSULTING - HAZARDOUS MATERIALS DESIGNERS

STATE EDUCATION DEPARTMENT PROJECT CONTROL NUMBER:  
2023 CAPITAL PROJECT - PHASE 1 44-13-01-06-1-005-006

THE DESIGN OF THIS PROJECT CONFORMS TO APPLICABLE PROVISIONS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

CSArch PROJECT NO. 187-2302.01



Valley Central School District  
Administration Offices,  
944 NY-17K, Montgomery, NY 12549

VICINITY MAP

NTS



EXPIRATION DATE: 02/28/2025

VOLUME 8 OF 8

### ABBREVIATIONS

#### ABBREVIATION DESCRIPTION

ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDENDUM
ADMIN	ADMINISTRATIVE
APP	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT / ARCHITECTURAL
AV	AUDIO VISUAL
BLDG	BUILDING
BOT OR B/	BOTTOM OF
BSMT	BASEMENT
CJ	CONTROL / CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
DEMO	DEMOLITION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
ED	EDUCATION
EFS	EXTERIOR INSULATION FINISH SYSTEM
ELECT	ELECTRIC / ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EQ	EQUAL
EQUIP	EQUIPMENT
EXIST	EXISTING
EJ	EXPANSION JOINT
EXT	EXTERIOR
FIN	FINISH
FIN FL	FINISH FLOOR
FKT	FIXTURE
FLR	FLOOR
FRT	FIRE-RETARDANT-TREATED MATERIAL
FTG	FOOTING
G	GROUND
GAUGE	GAUGE
GAL	GALLONS
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GNB	GYPNUM WALL BOARD
GNBS	GYPNUM WALL BOARD SOFFIT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HTG	HEATING
HYAC	HEATING/VENTILATING/AIR CONDITIONING
ID	INSIDE DIMENSION
IN	INCH
INT	INTERIOR
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
LAB	LABORATORY
LB	POUND
LN	LINEAR
LVL	LEVEL
MAN	MANUAL
MAS	MASONRY
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MP	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NA	NOT APPLICABLE
NG	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OVERHEAD
OPT	OPTIONAL
OVR	OVERALL
OZ	OUNCE
PERIM	PERIMETER
PLAM	PLASTIC LAMINATE
PLBG	PLUMBING
PLAS	PLASTER
PLY	PLYWOOD
PNL	PANEL
PNT	PAINT
POLYISO	POLYISOCYANURATE
PPT	PRESSURE PRESERVATIVE TREATED
PR	PAIR
PREP	PREPARATORY
FTN	PARTITION
PVC	POLYVINYL CHLORIDE
RAD	RADIUS
REQD	REQUIRED
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
SCH	SCHEDULED
SECT	SECTION
SF	SQUARE FEET
SIM	SIMILAR
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION GLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURAL / STRUCTURE
SUSP	SUSPENDED
SAC	SUSPENDED ACoustical CEILING
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TECH	TECHNOLOGY
TEMP	TEMPORARY
TMPT	TEMPERED
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
VEST	VESTIBULE
VF	VERIFY IN FIELD
W/O	WITHOUT
WD	WOOD
WPT	WOOD PRESERVED-TREATED MATERIAL
WGT	WEIGHT
YD	YARD

### ARCHITECTURAL LEGEND

#### MATERIAL INDICATIONS

	EARTH
	GRANULAR FILL
	BRICK
	CONCRETE MASONRY UNIT
	CONCRETE
	GROUT
	ROUGH WOOD BLOCKING
	SHIM
	FINISH WOOD
	PLYWOOD
	SHEATHING
	RIGID INSULATION
	BATT INSULATION
	SPRAY FOAM INSULATION
	EPS INSULATION
	STEEL

#### DIMENSIONING CONVENTIONS

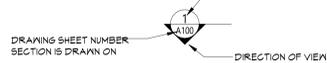


#### SYMBOLS

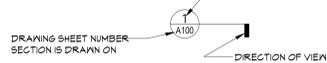
	ROOM NAME
	ROOM NUMBER
	AREA OF ROOM
	DOOR NUMBER, REFER TO A100 DRAWINGS
	WINDOW TAG, REFER TO A100 DRAWINGS
	BORROWED LIGHT NUMBER, REFER TO A100 DRAWINGS
	STOREFRONT / CURTAIN WALL NUMBER, REFER TO A100 DRAWINGS
	COLUMN GRID DESIGNATION
	PARTITION TAG, REFER TO A100 DRAWINGS
	HOUR RATINGS OF PARTITION, REFER TO A100 DRAWINGS
	REVISION NUMBER
	KEY NOTE, NEW WORK
	KEY NOTE, DEMOLITION WORK
	ELEVATION TAG
	HANDICAPPED ACCESSIBLE ELEMENT OR FIXTURE
	ROOM NAME
	INTERIOR FINISH TAG, REFER TO A100 DRAWINGS
	BASE FINISH
	FLOOR FINISH

### DETAIL INDICATOR LEGEND

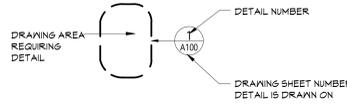
#### SECTION INDICATOR



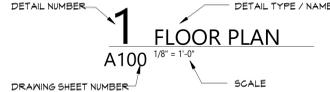
#### DETAIL INDICATOR (SECTION)



#### ENLARGED DETAIL INDICATOR



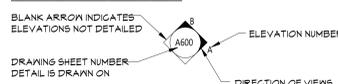
#### DETAIL TITLE



#### EXTERIOR ELEVATION INDICATOR



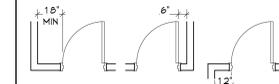
#### INTERIOR ELEVATION INDICATOR



### PLAN GRAPHICS LEGEND

	EXISTING CONSTRUCTION TO REMAIN
	EXISTING CONSTRUCTION TO BE REMOVED
	NEW CONCRETE MASONRY WALL
	NEW METAL STUD WALL
	NEW BRICK VENEER
	EXISTING DOOR TO REMAIN
	EXISTING DOOR TO BE REMOVED
	NEW DOOR

FINISHED DOOR OPENINGS SHALL BE LOCATED AS INDICATED BELOW UNO. DIMENSIONS SHOWN ARE CLEAR DIMENSIONS FROM INSIDE OF FRAME TO WALL FINISH.



### GENERAL NOTES

- DIMENSIONS ARE GIVEN THIS (UNLESS NOTED OTHERWISE)
  - TO FACE OF MASONRY WALL
  - TO FACE OF METAL STUD
  - TO COLUMN CENTERLINES
  - TO FINISH FACE OF SOFFIT OR CEILING
  - FACE OF EXISTING CONSTRUCTION
- DO NOT SCALE DRAWINGS. IF A DIMENSION IS NOT SHOWN, BRING IT TO THE ATTENTION OF THE ARCHITECT FOR VERIFICATION BEFORE PROCEEDING WITH THE ASSOCIATED WORK.
- WALLS ON COLUMN LINES ARE CENTERED, UNO.
- ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE VERIFIED IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO BEGINNING WORK IN THAT AREA.
- LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSION. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
- ALL ELEVATIONS (X'-X") ARE REFERENCE FROM FIRST FLOOR ELEVATION.
- ALL WOOD BLOCKING WITHIN 2'-0" OF GRADE SHALL BE PRESSURE TREATED.
- ALL FLOOR PENETRATIONS SHALL BE SMOKE-SEALED AND /OR FIRE STOPPED. COORDINATE WITH H DPGSS FOR SMOKE / FIRE DAMPER REQUIREMENTS.
- FOR INTERIOR PARTITION TYPES, REFER TO DRAWING A101.
- FOR DOOR SCHEDULE, REFER TO DRAWING A101.
- FOR FINISH SCHEDULE, REFER TO DRAWING A101.
- ALL EXPOSED SURFACES OF NEW PARTITIONS AND SOFFITS ARE TO BE FINISHED.
- PROVIDE PATCH TO MATCH EXISTING FINISHES AT ALL WALL REMOVAL AREAS, COORDINATE WITH DEMOLITION DRAWINGS AND SPECIFICATIONS.
- FOR ALL MATERIAL TESTING, REFER TO SPECIFICATION DIVISION 000220.
- ALL CONSTRUCTION SHOWN IS NEW UNLESS NOTED OTHERWISE.



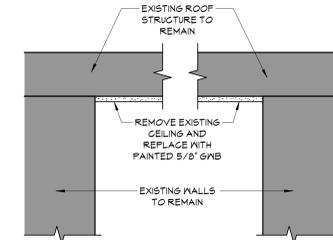
NO.	DATE	DESCRIPTION

Drawn By:	CSA
Checked By:	CSA
Proj. #:	44-13-01-06-1-005-006
CSArch Proj. #:	187-2302.01
Issued for Bid:	10/18/24

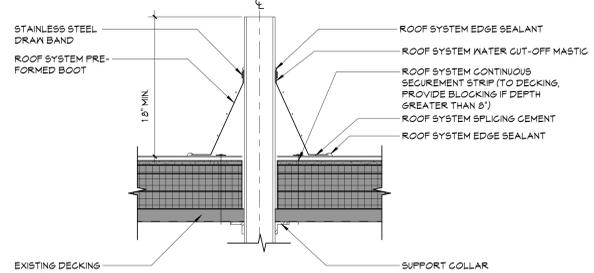
SYMBOLS,  
ABBREVIATIONS,  
AND MISC

Sheet No.  
**ADMIN  
G001**

GENERAL DESIGN LOAD REQUIREMENTS			
LOADING TYPE	BUILDING CODE SECTION	OCCUPANCY/USE/LOCATION	REQUIRED
MINIMUM UNIFORM DISTRIBUTED LIVE LOADS	2020 BUILDING CODE OF NEW YORK STATE TABLE 1607.1	SCHOOLS - CLASSROOMS	40 PSI
		SCHOOLS - FIRST FLOOR CORRIDORS	100 PSI
		SCHOOLS - CORRIDORS ABOVE FIRST FLOOR	80 PSI
		OFFICE BUILDINGS - OFFICES	50 PSI
GROUND SNOW LOADS	2020 BUILDING CODE OF NEW YORK STATE FIGURE 1608.2	ORANGE COUNTY MONTGOMERY, NY	40 PSI
		ROOFS - ORDINARY/FLAT (NON-OCCUPIABLE)	40 PSI
FLAT ROOF SNOW LOADS	2020 BUILDING CODE OF NEW YORK STATE FIGURE 1608.2	ORANGE COUNTY MONTGOMERY, NY	28 PSI
DESIGN WIND SPEEDS	2020 BUILDING CODE OF NEW YORK STATE FIGURE 1609.3	RISK CATEGORY III MONTGOMERY, NY	130 VMFH



**3** GWB CEILING DETAIL  
A101 1 1/2" = 1'-0"



**2** VENT PIPE DETAIL  
A101 1 1/2" = 1'-0"



**1** FIRST FLOOR OVERALL PLAN  
A101 1/4" = 1'-0"

GENERAL NOTES	
1.	REFER TO SHEET 6001 FOR ADDITIONAL GENERAL NOTES.
2.	REFER TO A600 SERIES DRAWINGS FOR ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETRY.
3.	REFER TO A900 SERIES DRAWINGS FOR DOOR, STOREFRONT, CURTAIN WALL, WINDOW AND LOUVER SCHEDULES, DETAILS AND NOTES.
4.	REFER TO SHEET A101 FOR PARTITION TYPES AND ADDITIONAL NOTES.
GENERAL NOTES	
1.	COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
2.	PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
3.	SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER UNO.
4.	ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
5.	REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
6.	PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.
7.	DRILL CORNERS OF ALL NEW SANGUIT OPENING PRIOR TO SANGUITTING, TO PREVENT CUTTING INTO SCHEDULED CONSTRUCTION TO REMAIN.
DEMOLITION KEYNOTES	
#	Description
C.14	REMOVE EXISTING G&B/PLASTER CEILING SYSTEM IN ENTIRETY. COORDINATE REMOVALS AND RELOCATIONS OF DEVICES AND EQUIPMENT WITH ELECTRICAL AND MECHANICAL DRAWINGS.
D.4	REMOVE CHAIN LINK FABRIC FROM FENCE GATE IN ITS ENTIRETY.
G.6	REMOVE CHAIN LINK FABRIC FROM EXISTING FENCING POSTS IN ITS ENTIRETY.
NEW WORK KEYNOTES	
#	Description
C.16	PROVIDE PAINTED GYPSUM BOARD CEILING WHERE PREVIOUSLY REMOVED.
D.7	PROVIDE NEW CHAIN LINK FABRIC AT GATE AND FENCING POSTS.
G.1	PROVIDE NEW CHAIN LINK FABRIC TO ENCASE NEW MEP EQUIPMENT AREA.
R.13	VENT PIPE PROVIDE PIPE BOOT AND ROOF FLASHING. REFER TO DETAILS.

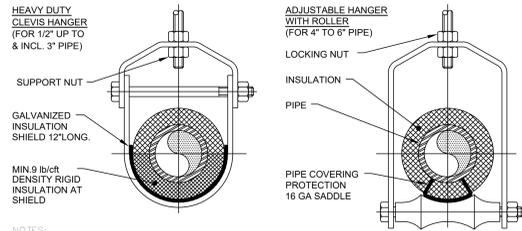
19 Front St., Newburgh - New York 12550-7601  
 845-581-3179 www.csarch.com  
 CS ARCH  
 Project Title  
**VALLEY CENTRAL SCHOOL DISTRICT  
 ADMINISTRATION BUILDING  
 2023 CAPITAL PROJECT - PHASE 1**  
 Project Title  
  
 EXPIRATION DATE: 02/28/2025  

DATE	DESCRIPTION

Drawn By:	Autlog
Checked By:	44-13-01-06-1-005-006
Proj. #:	187-2302.01
CSArch Proj. #:	10/18/24
Issued for Bid:	

 Sheet Title  
**OVERALL FLOOR PLAN**  
 Sheet No.  
**ADMIN  
 A101**  
 CONSTRUCTION DOCUMENTS  
 COPYRIGHT © ALL RIGHTS RESERVED

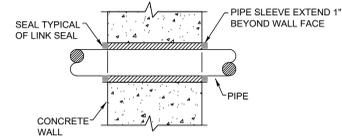
N:\101-398\12\187 - Valley CSD\187-2302-UCSD 2023 Cap Proj\07\_BIM\PHASE 1\187-2302.01\_UCSD ADMIN.rvt  
 11/14/24 10:58:12 AM



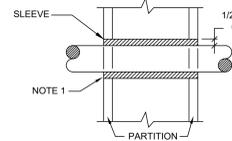
- NOTES:
- PIPE 8" AND LARGER SHALL HAVE ROLLER SUPPORTED WITH DUAL RODS.
  - FOR CHW SERVICE OVER 3" REPLACE SADDLE WITH 12" LONG 14 GA SHIELD WITH RIGID INSULATION BETWEEN PIPE AND SHIELD.

PIPE Ø (IN.)	MAX. SPACING BETWEEN HANGERS (FT.)			MIN. ROD SIZE (IN.)
	STEEL PIPE	COPPER PIPE	CPVC	
1/2 THRU 1	7	5	5	3/8
1-1/2 THRU 2	9	8	6	3/8
2-1/2	11	9	7.5	1/2
3	12	10	7.5	1/2
4	14	12	8.5	5/8
6	17	14	9	3/4
8	19	16	10	7/8
10	22	18	10.5	7/8

**1** Pipe Hanger Support  
P001 N.T.S.

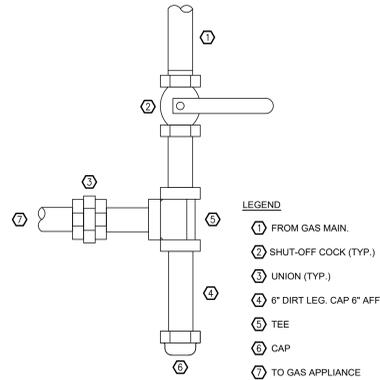


**2** Exterior Wall Pipe Penetrations  
P001 N.T.S.



- NOTES:
- AT FIRE RATED PARTITIONS, ADD ADDITIONAL LAYER OF FIRE SAFING INSULATION AROUND PENETRATION SO AS TO FILL CAVITY.
  - DUCT AND PIPE PENETRATIONS THRU CORRIDOR WALLS ABOVE THE CEILING ARE TO BE FIRE STOPPED AROUND THE PENETRATION.

**3** Pipe Penetrations Detail  
P001 N.T.S.



**4** Gas Piping Appliance Connection Detail  
P001 N.T.S.

Plumbing Legend:

	DOMESTIC COLD WATER SUPPLY
	110 °F DOMESTIC HOT WATER SUPPLY
	140 °F DOMESTIC HOT WATER SUPPLY
	HOT WATER RETURN
	SANITARY SEWER, ABOVE GRADE
	SANITARY SEWER, BELOW GRADE
	GREASE WASTE, BELOW GRADE
	PLUMBING VENT
	STORM WATER, ABOVE GRADE
	STORM WATER, BELOW GRADE
	NATURAL GAS PIPING
	DIRECTION OF PIPE SLOPE (DOWN)
	CONCENTRIC REDUCER OR INCREASER
	ECCENTRIC REDUCER
	TOP CONNECTION, 45° OR 90°
	BOTTOM CONNECTION, 45° OR 90°
	SIDE CONNECTION
	CAPPED OUTLET
	RISE OR DROP IN PIPE
	UNION
	PIPE UP
	PIPE DOWN
	POINT OF CONNECTION BETWEEN NEW AND EXISTING WORK
	STRAINER
	HOSE BIB
	SOLENOID VALVE
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	FULL PORT BALL VALVE
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE (PRV)
	DRAIN VALVE
	FLEXIBLE PIPING CONNECTION
	CLEANOUT
	WALL CLEANOUT
	FLOOR CLEANOUT
	CLEANOUT TO GRADE
	DOUBLE CLEANOUT TO GRADE
	PLUMBING FIXTURE MARK

Plumbing Notes:

- ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
- THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
- ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS, AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 PLUMBING CODE OF NEW YORK STATE, 2020 FUEL GAS CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- WHERE THE PROJECT INVOLVES A GAS SERVICE, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION, APPLICATIONS AND FEES OF ALL WORK ASSOCIATED WITH THE LOCAL GAS UTILITY COMPANY. ALL WORK INVOLVING THE GAS UTILITY COMPANY SHALL BE COMPLETED IN ACCORDANCE WITH THEIR REGULATIONS AND GUIDELINES.
- ALL DOMESTIC COLD AND HOT WATER PIPING AND FITTINGS ARE TO BE INSULATED WITH 1" THICK RIGID ONE-PIECE MOLDED SECTIONAL FIBERGLASS PIPE COVERING WITH UNIVERSAL JACKET. ALL JOINTS ARE TO BE COMPLETELY SEALED A MINIMUM OF 6" BEYOND JOINT ENDS.
- ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
- ALL EXPOSED PIPING, FITTINGS, TRAPS, ESCUTCHEONS, VALVES, ETC. SHALL BE CHROME PLATED.
- SLOPE SANITARY DRAINAGE PIPING 2" DIAMETER AND SMALLER NOT LESS THAN 1/4" PER FOOT. SLOPE SANITARY DRAINAGE PIPING OVER 2" DIAMETER NOT LESS THAN 1/8" PER FOOT.
- INSTALL A CLEANOUT AT THE BASE OF EACH SOIL STACK, AT EACH CHANGE IN DIRECTION, AT INTERVALS NOT OVER 50 FEET AND ELSEWHERE AS SHOWN ON DRAWINGS OR REQUIRED BY CODE.
- PROVIDE EXPOSED PIPING WITH CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREW WHERE PENETRATING FLOORS, CEILINGS, WALLS OR PARTITIONS.
- TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS IN ACCORDANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AND/OR AS SPECIFIED. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
1. WATER & GAS PIPING TO BE AIR-PRESSURE TESTED TO 1-1/2 TIMES MAXIMUM WORKING PRESSURE.
2. DRAINAGE, WASTE & VENT PIPING TO BE TESTED BY FILLING THE SYSTEM WITH WATER TO 10-FEET ABOVE HIGHEST POINT.
- SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
- INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
- INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

VALLEY CENTRAL SCHOOL DISTRICT  
ADMINISTRATION BUILDING  
2023 CAPITAL PROJECTS - PHASE 1

19 Front St., Newburgh, New York 12550-7901  
845-561-3179 www.csarchpc.com

Consultant



BLAKE ENGINEERING & FILE, INC.  
1000 WEST 10TH STREET, SUITE 100  
NEWBURGH, NY 12550-7901

Project Title



DATE	DESCRIPTION

Drawn By: BJK  
Checked By: BJK  
Proj. #: 44-13-01-06-0-005-006  
CSArch Proj. #: 187-2302.01  
Issued for Bid: 10/18/24

Sheet Title

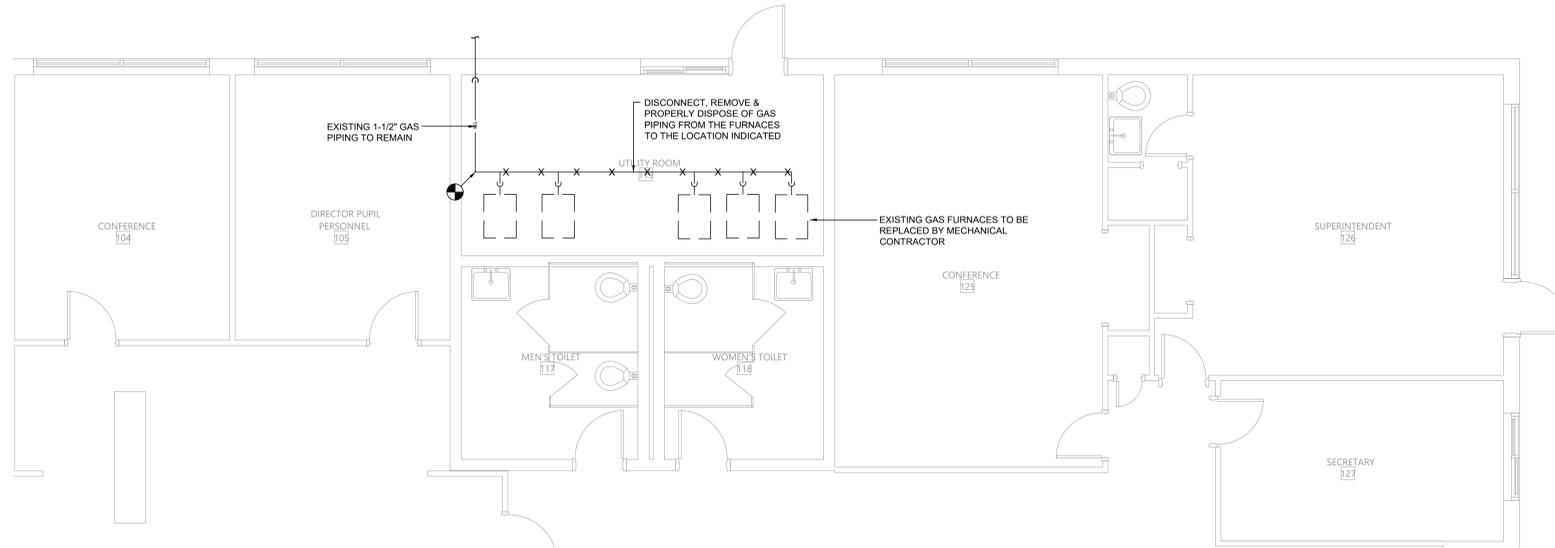
PLUMBING  
NOTES, LEGEND  
& DETAILS

Sheet No.

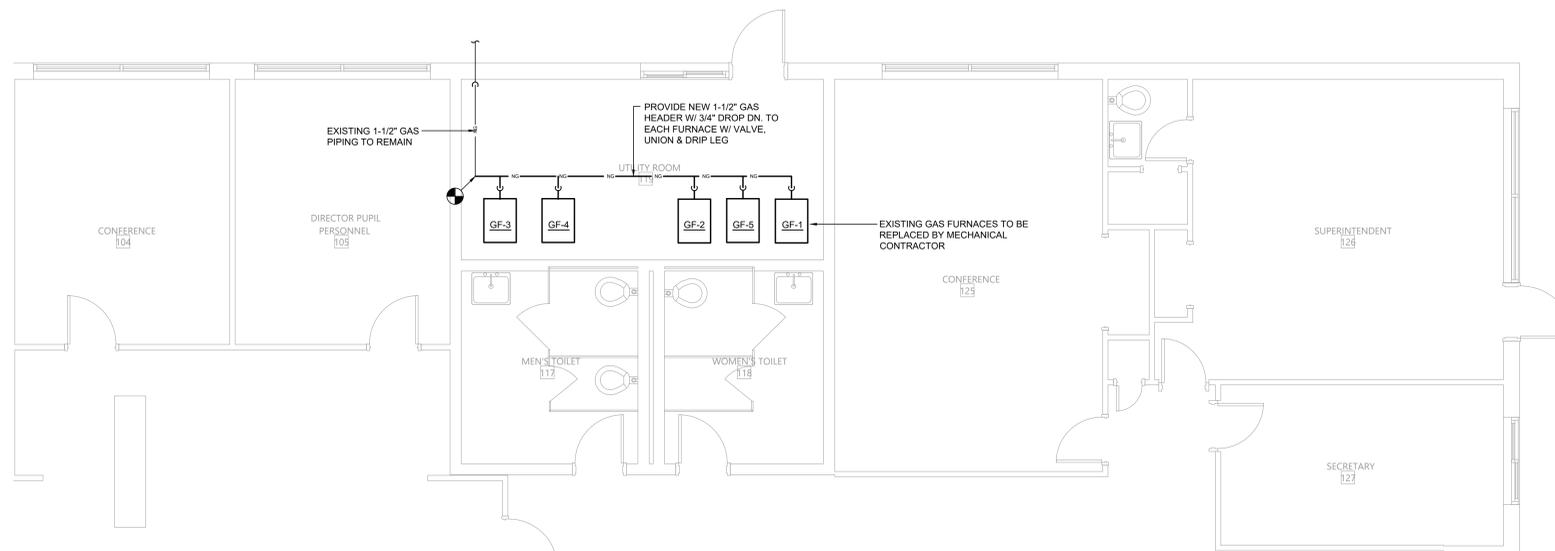
ADMIN  
P001

CONSTRUCTION DOCUMENTS

COPYRIGHT. © ALL RIGHTS RESERVED.



1 Plumbing Demolition Plan  
 Scale: 1/4" = 1'-0"



2 Plumbing Plan  
 Scale: 1/4" = 1'-0"



NO.	DATE	DESCRIPTION

Drawn By: BJK  
 Checked By: BJK  
 Proj. #: 44-13-01-06-005-205  
 CSArch Proj. #: 187-2302.01  
 Issued for Bid: 10/18/24

Sheet Title

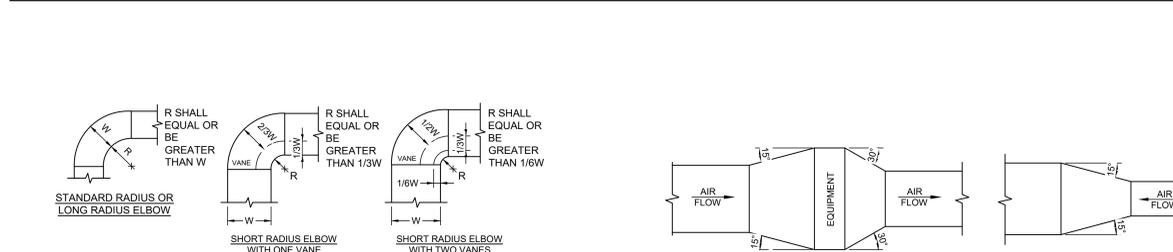
PLUMBING  
 PLANS

Sheet No.

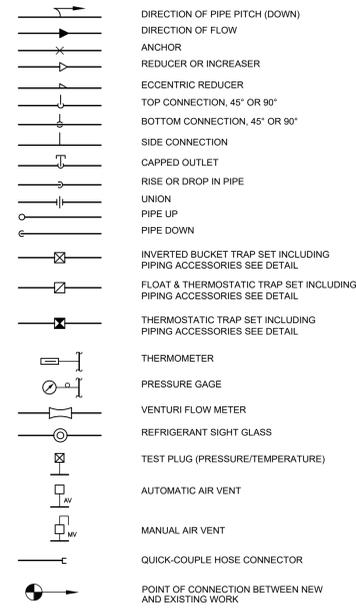
ADMIN  
 P111

**THICKNESS & REINFORCING SCHEDULE - \* LOW PRESSURE DUCTWORK**  
 \* NOTE: LOW PRESSURE DUCTWORK SHALL BE DUCTWORK IN WHICH THE PRESSURE DOES NOT EXCEED 2" WATER GAUGE.

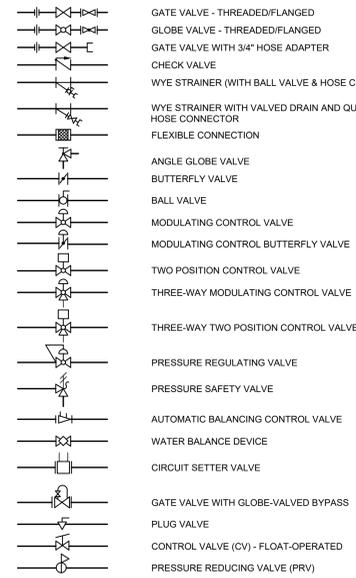
GREATEST DUCT DIMENSION	STEEL DUCTS U.S. STANDARD GAUGE	ALUMINUM DUCTS B & S GAUGE	LONGITUDINAL SEAM	TRANSVERSE JOINT SMALLEST DIMENSION	TRANSVERSE JOINT GREATEST DIMENSION	REINFORCING (ALL DUCTS 18" THRU 54" SHALL BE CROSSBROKEN)
12" OR LESS	26	24(0.020")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
13" THRU 16"	24	22(0.025")	PITTSBURGH OR ACME LOCK	DRIVE SLIP OR POCKET LOCK OR BAR SLIP	PLAIN "S" SLIP OR POCKET LOCK OR BAR SLIP	NONE REQUIRED
19" THRU 30"	24	22(0.025")	PITTSBURGH OR ACME LOCK	HEMMED "S" SLIP OR BAR SLIP OR DRIVE SLIP OR 1" POCKET LOCK	HEMMED "S" SLIP OR BAR SLIP OR 1" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
31" THRU 42"	22	20(0.032")	PITTSBURGH OR ACME LOCK	DRIVE SLIP 1/8" OR LESS BAR SLIP OR REINFORCED BAR SLIP OR POCKET LOCK	BAR SLIP OR REINFORCED BAR SLIP OR POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
43" THRU 54"	22	20(0.032")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
55" THRU 60"	20	18(0.040")	PITTSBURGH LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	1 1/4" BAR SLIP, OR REINFORCED BAR SLIP, OR 1 1/2" POCKET LOCK	IF TRANSVERSE JOINTS ARE LOCATED 4'-0" OR LESS ON CENTER NO REINFORCING IF ON 8'-0" CENTERS REINFORCE WITH 1"x1"x1/8" ANGLES AT 4 FT. O.C. FASTENED ON 8" CENTERS
61" THRU 84"	20	18(0.040")	PITTSBURGH LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK	REINFORCED BAR SLIP, OR ANGLE SLIP, ALTERNATE BAR SLIP, OR ANGLE REINFORCED POCKET LOCK	REINFORCE ALL SIDES OVER 60" WITH 1 1/2"x1 1/2"x3/16" ANGLES ON 2'-0" CENTERS. SIDES UNDER 60" NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"x1 1/2"x1/8" ANGLES ON 4'-0" CENTERS.
85" THRU 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	1 1/2" COMPANION ANGLES, OR ANGLE REINFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	1 1/2" COMPANION ANGLES, OR ANGLE REINFORCED POCKET LOCK, OR 1 1/2" ANGLE SLIP OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 84" WITH 1 1/2"x1 1/2"x3/16" ANGLES ON 2'-0" CENTERS. SIDES 61" THRU 84" REINFORCE WITH 1 1/2"x1 1/2"x1/8" ANGLES ON 2'-0" CENTERS. SIDES 60" OR LESS NEED NO REINFORCING IF JOINTS ARE ON 4'-0" CENTERS. IF JOINTS ARE ON 8'-0" CENTERS REINFORCE WITH 1 1/2"x1 1/2"x1/8" ANGLES ON 4'-0" CENTERS.
OVER 96"	18	16(0.051") (LONGITUDINAL SEAM MAY BE STANDING SEAM)	PITTSBURGH LOCK	2" COMPANION ANGLE, OR 2"x2"x1/4" ANGLE SLIP, OR 2"x2"x1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	2" COMPANION ANGLE, OR 2"x2"x1/4" ANGLE SLIP, OR 2"x2"x1/4" ANGLE REINFORCED POCKET LOCK OR REINFORCED BAR SLIP	REINFORCE ALL SIDES OVER 96" WITH 2"x2"x1/4" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES 61" THRU 84" WITH 1 1/2"x1 1/2"x1/8" ANGLES ON 2'-0" CENTERS. REINFORCE ALL SIDES UNDER 60" WITH 1 1/2"x1 1/2"x1/8" ANGLES IF JOINTS ARE 8'-0" ON CENTER. NO REINFORCING IF JOINTS ARE 4'-0" ON CENTER.



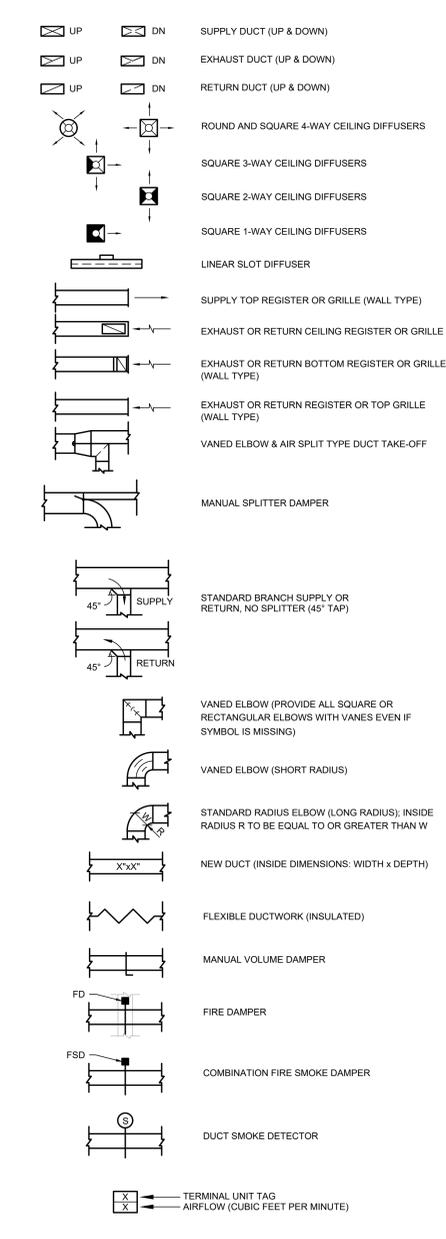
**General Symbols:**



**Valve Symbols:**



**Mechanical Legend :**



**Mechanical Notes:**

- ALL MATERIALS AND EQUIPMENT ARE TO BE NEW, UNUSED, AND FREE FROM DEFECTS OF ANY KIND. THE BASIS OF QUALITY SHALL BE THE LATEST REVISION OF ASTM, ANSI, OR OTHER ACCEPTABLE STANDARDS.
- THESE DRAWINGS ARE DIAGRAMMATIC, AND INDICATE GENERAL ARRANGEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO HAVE REVIEWED THE SITE FOR HIS WORK PRIOR TO HAVING SUBMITTED HIS PROPOSAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CONDITIONS FOUND DURING THE COURSE OF THE CONTRACT.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES.
- ALL WORK INCLUDING LABOR AND MATERIALS SHALL BE FULLY GUARANTEED FOR ONE YEAR FROM THE DATE OF PAYMENT AND FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- ALL CUTTING, PATCHING, FIRE-STOPPING, AND SURFACE RESTORATION IN CONNECTION WITH THIS TRADE SHALL BE COMPLETED BY THIS CONTRACTOR.
- A MINIMUM OF FOUR (4) COPIES OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION OF THE EQUIPMENT AND/OR MATERIALS. BY SUBMITTING SHOP DRAWINGS, THE CONTRACTOR REPRESENTS THAT ACTUAL FIELD CONDITIONS ARE VERIFIED BY HIM AND ARE REFLECTED ON HIS SUBMITTALS.
- THIS CONTRACTOR SHALL PAY ALL FEES, GIVE ALL NOTICES, FILE ALL NECESSARY DRAWINGS AND OBTAIN ALL PERMITS, INSPECTIONS AND CERTIFICATES OF APPROVAL REQUIRED IN CONNECTION WITH WORK UNDER THIS CONTRACT.
- ALL WORK IN ASSOCIATION WITH THIS CONTRACT SHALL BE COMPLETED IN STRICT COMPLIANCE WITH THE 2020 BUILDING CODE OF NEW YORK STATE, 2020 MECHANICAL CODE OF NEW YORK STATE & 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE.
- ALL PIPING SHALL BE PROPERLY SUPPORTED AND ROUTED PARALLEL OR PERPENDICULAR TO BUILDING WALLS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORT HANGERS AND MISCELLANEOUS METALS REQUIRED FOR PROPER INSTALLATION OF WORK.
- ALL PIPING SHALL BE PITCHED SUCH THAT AIR IN THE SYSTEM CAN BE VENTED THROUGH MANUAL AIR VENTS.
- TEST PIPING AND PROVE TIGHT FOR AT LEAST TWO HOURS TO TWICE THE SYSTEM WORKING PRESSURE. TEST SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER AND LOCAL INSPECTOR. TEST SHALL BE REPEATED IF NECESSARY UNTIL FINAL APPROVAL OF SYSTEM IS OBTAINED.
- SUPPORT HORIZONTAL PIPING UTILIZING A SPACING PER PIPING MANUFACTURER'S REQUIREMENTS.
- INSTALL VALVES ON THE ENTIRE DISTRIBUTION SYSTEM, SO LOCATED AS TO GIVE COMPLETE CONTROL TO ALL FIXTURES AND EQUIPMENT.
- INSTALL DRAIN VALVES AT BASE OF ALL RISERS AND AT LOW POINTS OF PIPING SYSTEM. INSTALL MANUAL AIR VENT VALVE FACILITIES AT THE TOP OF ALL RISERS AND AT HIGH POINTS OF THE PIPING SYSTEM.
- INSTALL ALL HYDRONIC PIPING AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
- THE ENTIRE HYDRONIC SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED WATER FLOWRATE REQUIREMENTS. A CERTIFIED BALANCING REPORT AND VERIFICATION IS TO BE SUBMITTED TO THE ENGINEER PRIOR TO FINAL ACCEPTANCE.
- ALL DUCTWORK IS TO BE CONSTRUCTED OF GALVANIZED SHEET STEEL (EXCEPT WHERE OTHERWISE SPECIFIED) WITH GAUGES, BRACING AND CONSTRUCTION IN ACCORDANCE WITH THE LATEST SMACNA DUCT MANUAL STANDARDS AND ALL OTHER AUTHORITIES HAVING JURISDICTION.
- PROVIDE MANUAL DAMPERS AT EACH SPLIT OR TAP CONNECTION TO TRUNK DUCTS FOR BALANCING PURPOSES WHETHER OR NOT SPECIFICALLY SHOWN ON DRAWINGS. EACH DAMPER SHALL BE OF THE OPPOSED BLADE DAMPER TYPE INSTALLED WITH AN OPERATOR AND LOCKING DEVICE. ALL DAMPERS LOCATED ABOVE HARD OR INACCESSIBLE CEILINGS SHALL BE INSTALLED WITH REMOTE GEAR OPERATORS.
- FURNISH & INSTALL FUSIBLE LINK FIRE DAMPERS AT ALL LOCATIONS WHERE DUCT PENETRATES FIRE-RATED FLOOR OR CEILING ASSEMBLY WHETHER OR NOT SPECIFICALLY SHOWN. INSTALL DUCTWORK CASING ACCESS DOORS AND FRAMES AHEAD OF EACH FIRE DAMPER FOR INSPECTION AND MAINTENANCE. DOORS SHALL BE A MINIMUM OF 20 GA DOUBLE PANEL INSULATED TYPE.
- INSTALL TURNING VANES ON ALL RECTANGULAR TURNS. TURNING VANES SHALL BE DOUBLE THICKNESS TYPE CONSTRUCTED IN ACCORDANCE WITH SMACNA MANUAL.
- ROUND SHEET STEEL ELBOWS ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL SUPPLY AIR DIFFUSERS. SHEET STEEL PLENUM BOXES ARE TO BE INSTALLED AT THE DUCT CONNECTION TO ALL RETURN AND EXHAUST AIR GRILLES. THE CONTRACTOR IS TO PAINT THE INSIDE OF THE SHEET STEEL PLENUM BOXES FLAT BLACK.
- INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE PROVIDING RISERS, DROPS AND OFFSETS TO CLEAR STRUCTURAL MEMBERS, LIGHT FIXTURES, OTHER PIPING, AND OTHER OBSTRUCTIONS. WHERE CONFLICTS ARISE, IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO PROCEEDING.
- THE ENTIRE AIR DISTRIBUTION SYSTEM IS TO BE BALANCED TO WITHIN 10% OF THE SPECIFIED AIRFLOW REQUIREMENTS.
- THE CONTRACTOR IS RESPONSIBLE TO TEST ALL EQUIPMENT, PIPING, FIXTURES, AND SYSTEMS INSTALLED UNDER THIS CONTRACT TO ENSURE PROPER OPERATION PRIOR TO FINAL ACCEPTANCE BY THE OWNER AND ENGINEER.
- THE CONTRACTOR IS RESPONSIBLE TO DETERMINE WHETHER SPECIAL LICENSING IS REQUIRED IN ORDER TO PERFORM THE REQUIRED WORK IN THE MUNICIPALITY WHERE THE PROJECT IS LOCATED. IF THE CONTRACTOR CANNOT OBTAIN THE REQUIRED LICENSING TO COMPLETE THE WORK WITHIN THE PROJECT SCHEDULE, THEN THE CONTRACTOR SHALL NOT BE PERMITTED TO BID ON THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE TO CREATE AND SUBMIT RED-LINE "AS-BUILT" PLANS TO THE ENGINEER AT THE END OF THE PROJECT. AS-BUILT PLANS SHALL ACCURATELY REPRESENT THE SYSTEMS AS THEY WERE INSTALLED.

**Mechanical Equipment:**

- ① THERMOSTAT PROVIDED BY OWNER, INSTALLED BY CONTRACTOR. MOUNT 5'-0" A.F.F. IN LOCATIONS SHOWN ON PLANS

**AIR-COOLED CONDENSING UNIT SCHEDULE**

EQUIPMENT TAG	MANUFACTURER (OR ACCEPT. EQUAL)	MODEL	INDOOR UNIT SERVED	COMPRESSOR TYPE	NOMINAL CAPACITY (MBH)	REFRIGERANT	OUTDOOR AIR TEMP. (°F)	MINIMUM SEER	MINIMUM EER	ELECTRICAL DATA						WEIGHT (LB)	NOTES		
										COMP. RLA	LRA	FAN FLA	UNIT VOLT.	PHASE	Hz.			MCA	MOCP
CU-1	TRANE	4TRR5030N1	GF-1	SCROLL	27.6	R-410A	95	15.00	12.00	12.8	67.8	0.64	208	1	60	17	25	184	INSTALL PER MANUFACTURER'S REQUIREMENTS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION
CU-2	TRANE	4TRR5036N1	GF-2	SCROLL	36	R-410A	95	16.00	12.00	13.6	79.0	0.77	208	1	60	18	30	212	INSTALL PER MANUFACTURER'S REQUIREMENTS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION
CU-3	TRANE	4TRR5042N1	GF-3	SCROLL	40	R-410A	95	15.20	12.00	16.7	109.0	0.64	208	1	60	21	35	252	INSTALL PER MANUFACTURER'S REQUIREMENTS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION
CU-4	TRANE	4TRR6048N1	GF-4	SCROLL	48	R-410A	95	16.00	12.00	50.4	122.1	2.80	208	1	60	28	45	259	INSTALL PER MANUFACTURER'S REQUIREMENTS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION
CU-5	TRANE	4TRR6048N1	GF-5	SCROLL	47.5	R-410A	95	16.00	12.00	50.4	122.1	2.80	208	1	60	28	45	259	INSTALL PER MANUFACTURER'S REQUIREMENTS; PROVIDE ACCESSORIES AS REQUIRED FOR COMPLETE INSTALLATION

**GAS FURNACE SCHEDULE**

EQUIPMENT TAG	MANUFACTURER (EXISTING)	MODEL	AREA OF BUILDING SERVED	TOTAL SUPPLY AIRFLOW (CFM)	EXTERNAL STATIC PRESS. (IN. W.C.)	COOLING CAPACITY				HEATING CAPACITY				ELECTRICAL DATA				TOTAL WEIGHT (LB)	NOTES								
						DX COIL MANUFACTURER	DX COIL MODEL	MIN. TOTAL CAPACITY (MBH)	MIN. SENS. CAPACITY (MBH)	MINIMUM SEER	MINIMUM EER	E.A.T. (°F)	PAIRED OUTDOOR UNIT	GAS INPUT HIGH/LOW (MBH)	OUTPUT HIGH/LOW (MBH)	E.A.T. (°F)	L.A.T. (°F)			AFUE (%)	BLOWER FAN MOTOR HP	UNIT POWER CONNECTION VOLT.	PHASE	Hz.	MCA	MOCP	
GF-1	TRANE	S9V2B080D4PSC	SUPERINT.	780	0.50	TRANE	4TXCB003D3	26.12	20.79	15.00	12.00	75.0	62.0	CU-1	80.0/52.0	77.7/50.4	62.5	117.8	96	1	120	1	60	10.8	15	127	PROVIDE NEW THERMOSTAT & CONTROL WIRING AS REQUIRED; VERIFY EXACT LOCATION IN FIELD
GF-2	TRANE	S9V2C080U5PSC	REAR OFFICES	1030	0.50	TRANE	4TXCC009D3	34.3	27.9	16.00	12.00	75.0	62.0	CU-2	80.0/52.0	77.7/50.4	62.5	117.8	96	1	120	1	60	13.9	15	139	PROVIDE NEW THERMOSTAT & CONTROL WIRING AS REQUIRED; VERIFY EXACT LOCATION IN FIELD
GF-3	TRANE	S9V2C100D4VSB	CENTER CORE	1055	0.50	TRANE	4PXCCD42B3	38.5	31.4	15.20	12.00	75.0	62.0	CU-3	100.0/65.0	95.8/64.0	62.5	117.8	97	1	120	1	60	10.8	15	144	PROVIDE NEW THERMOSTAT & CONTROL WIRING AS REQUIRED; VERIFY EXACT LOCATION IN FIELD
GF-4	TRANE	S9V2D120U5VSB	FRONT OFFICES	1425	0.50	TRANE	4PXCDU08B3	45.8	38.7	16.00	12.00	75.0	62.0	CU-4	120.0/78.0	113.1/76.7	62.5	117.8	97	1	120	1	60	13.9	15	156	PROVIDE NEW THERMOSTAT & CONTROL WIRING AS REQUIRED; VERIFY EXACT LOCATION IN FIELD
GF-5	TRANE	S9V2C100D5PSC	BOARD ROOM	1600	0.50	TRANE	4PXCCD08B3	45.3	37.8	16.00	12.00	75.0	62.0	CU-5	100.0/65.0	97.0/63.1	62.5	117.8	96	1	120	1	60	13.9	15	145	PROVIDE NEW THERMOSTAT & CONTROL WIRING AS REQUIRED; VERIFY EXACT LOCATION IN FIELD



**3 Ductwork Squared Elbow Detail**  
M001 N.T.S.

19 Front St., Newburgh, New York 12550-7601  
945-561-3179 www.csarch.com

**CSARCH**  
BLAKE ENGINEERING & ARCHITECTURE

Consultant

**VALLEY CENTRAL SCHOOL DISTRICT  
ADMINISTRATION BUILDING  
2023 CAPITAL PROJECTS - PHASE 1**

Project Title

DATE DESCRIPTION

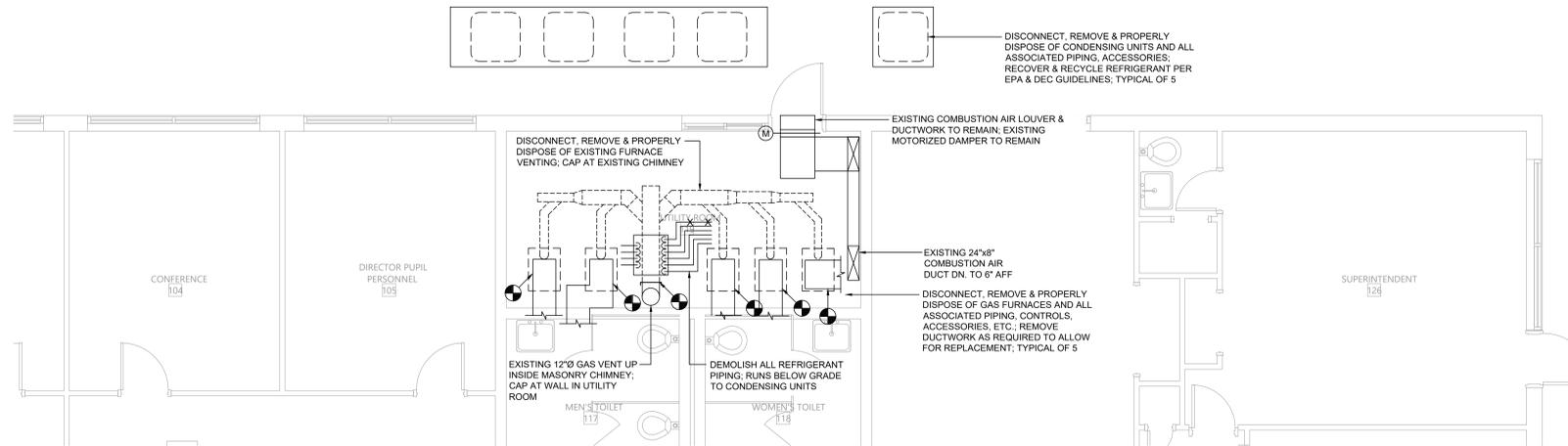
Drawn By: BJK  
Checked By: 44-13-01-06-0-005-006  
Proj. #: 187-2302.01  
CSArch Proj. #: 187-2302.01  
Issued for Bid: 10/18/24

Sheet Title  
**MECHANICAL NOTES, LEGENDS, SCHEDULES & DETAILS**

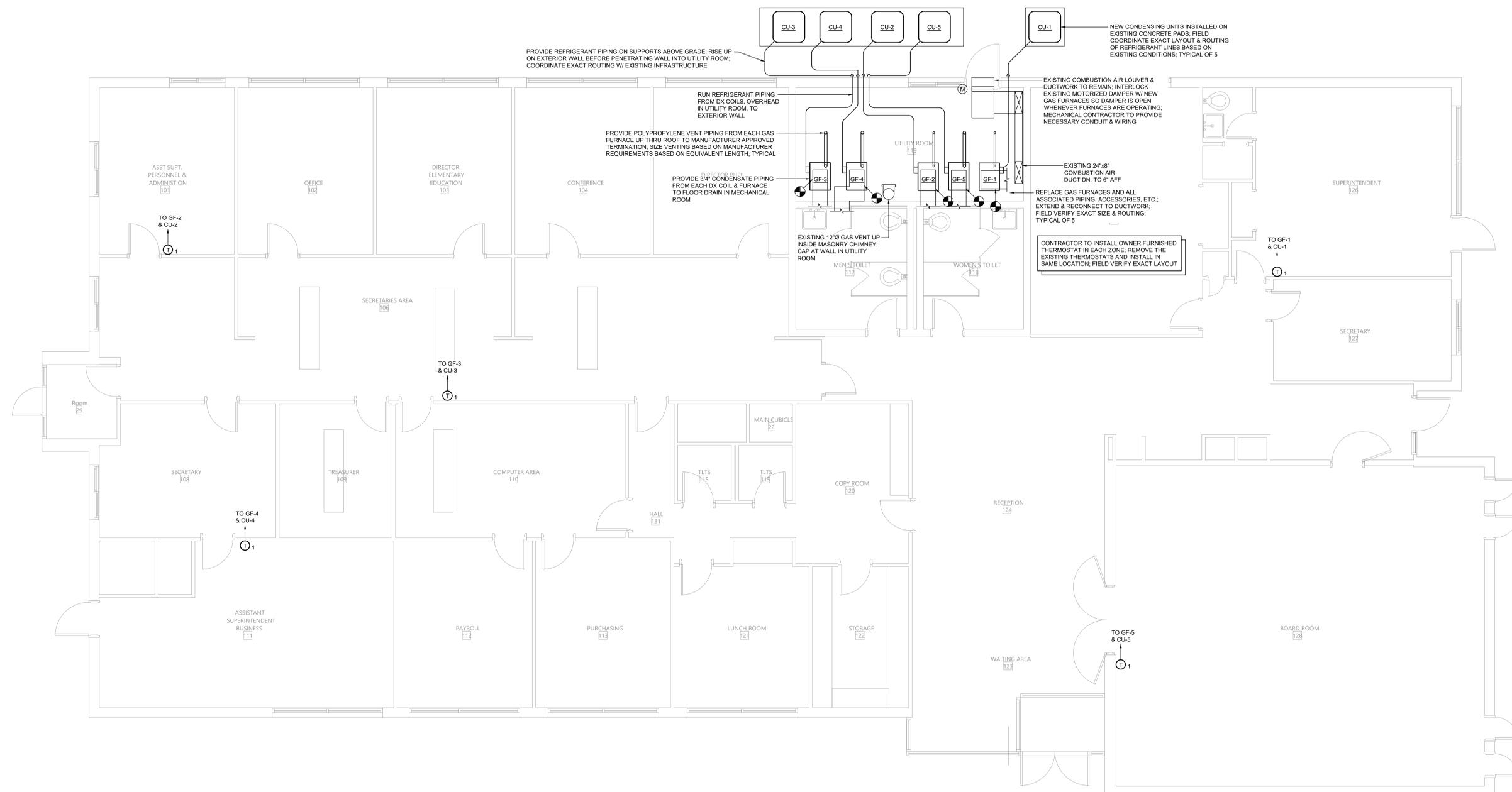
Sheet No.  
**ADMIN M001**

CONSTRUCTION DOCUMENTS

COPYRIGHT. © ALL RIGHTS RESERVED.



**1 Mechanical Demolition Plan**  
 M111 Scale: 1/4" = 1'-0"



**2 Mechanical Plan**  
 M111 Scale: 1/4" = 1'-0"



**VALLEY CENTRAL SCHOOL DISTRICT  
 ADMINISTRATION BUILDING  
 2023 CAPITAL PROJECTS - PHASE 1**



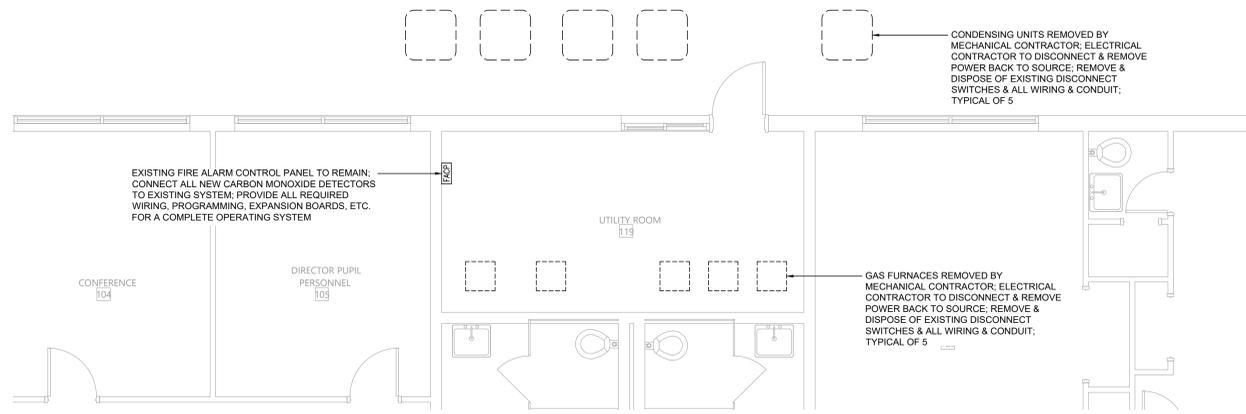
NO.	DATE	DESCRIPTION

Drawn By: BJK  
 Checked By: BJK  
 Proj. #: 44-13-01-06-0-005-006  
 CSArch Proj. #: 187-2302.01  
 Issued for Bid: 10/18/24

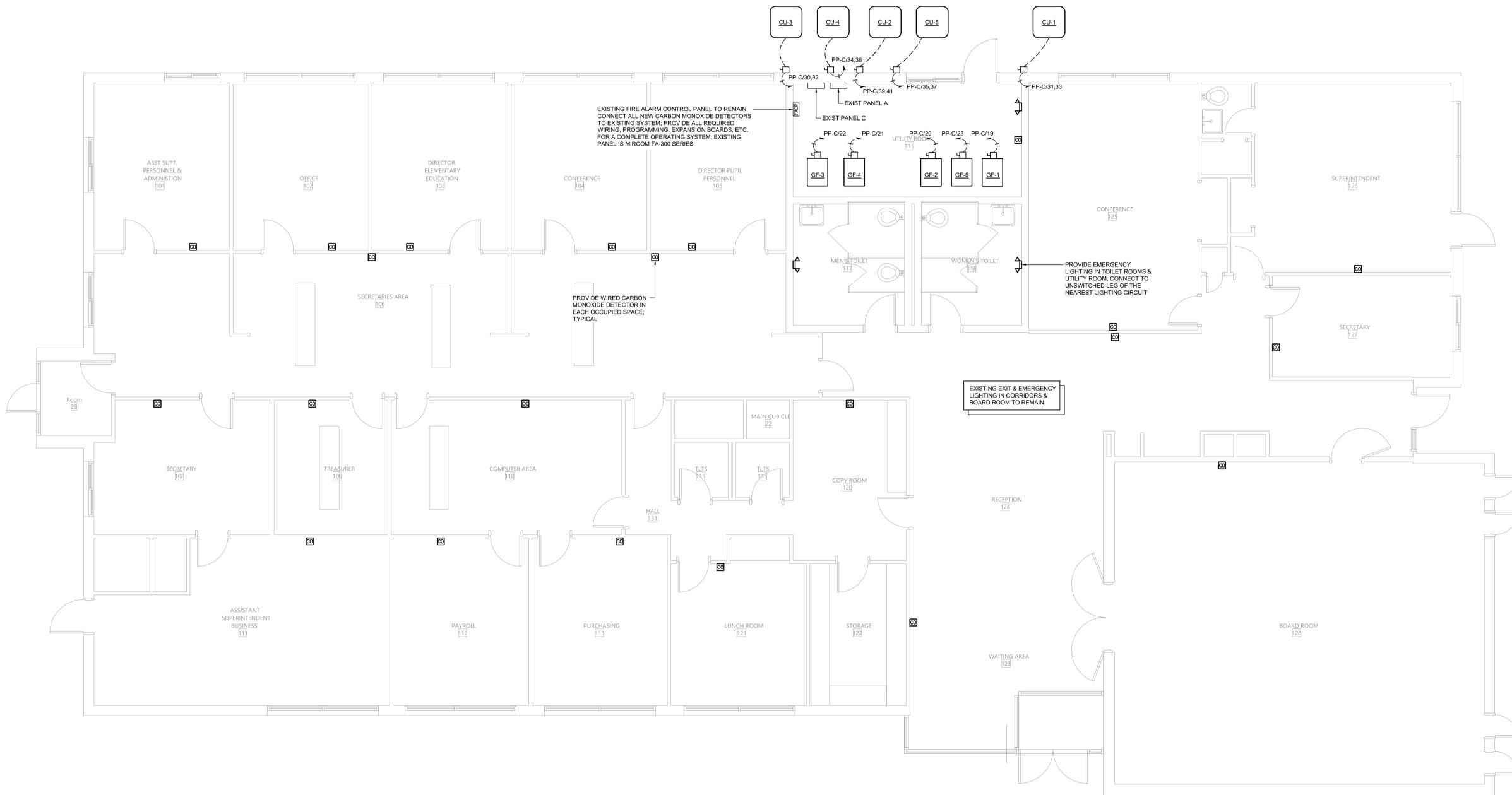
**MECHANICAL PLANS**

Sheet No:  
**ADMIN  
 M111**





1 Electrical Demolition Plan  
 E111 Scale: 1/4" = 1'-0"



2 Electrical Plan  
 E111 Scale: 1/4" = 1'-0"

VALLEY CENTRAL SCHOOL DISTRICT  
 ADMINISTRATION BUILDING  
 2023 CAPITAL PROJECTS - PHASE 1

19 Front St., Newburgh, New York 12550-7601  
 845-561-3179 www.csarchpc.com



Consultant  
 BLAKE ENGINEERING, INC.  
 1000 W. MARKET STREET, SUITE 200  
 NEWBURGH, NY 12550-7601



NO.	DATE	DESCRIPTION

Drawn By: BJK  
 Checked By: BJK  
 Proj. #: 44-13-01-06-0-005-206  
 CSArch Proj. #: 187-2302.01  
 Issued for Bid: 10/18/24

Sheet Title  
**ELECTRICAL PLANS**

Sheet No.  
**ADMIN E111**

CONSTRUCTION DOCUMENTS