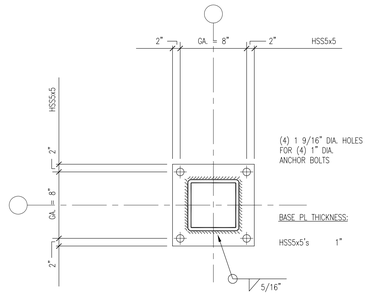
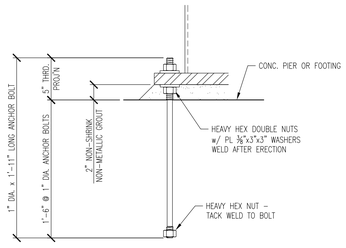
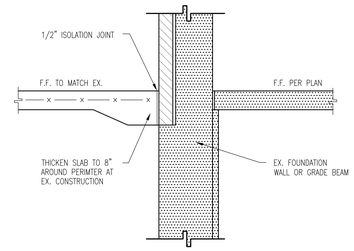


6 TYP. STEEL COLUMN BASE PLATE
3/4" = 1'-0"

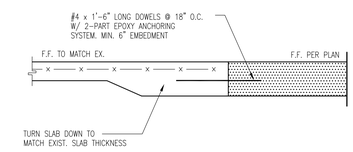


NOTES:
1. LOCATION OF ANCHOR BOLTS MUST NOT VARY MORE THAN 1/8" CENTER-TO-CENTER OF ANY TWO BOLTS WITHIN AN ANCHOR BOLT GROUP.
2. HOLD MAX. DEVIATION OF 1/4", CENTER-TO-CENTER OF ADJACENT ANCHOR BOLT GROUPS.
3. HOLD ELEVATION OF THE TOP OF THE ANCHOR BOLTS TO ±1/2 INCH.
4. HOLD MAXIMUM DEVIATION OF 1/4" FROM THE CENTER OF ANY ANCHOR BOLT GROUP TO THE ESTABLISHED COLUMN LINE THROUGH THAT GROUP.
5. REFER TO THE AISC CODE OF STANDARD PRACTICE FOR ADDITIONAL INFORMATION.

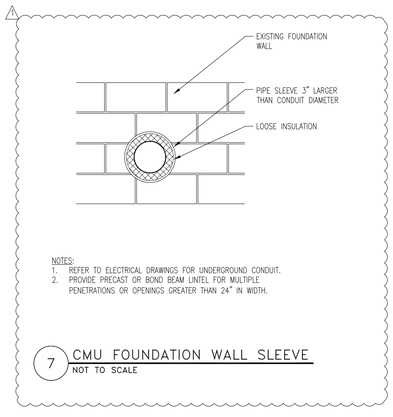
5 ANCHOR BOLT DETAIL
1 1/2" = 1'-0"



3 SECTION
3/4" = 1'-0"

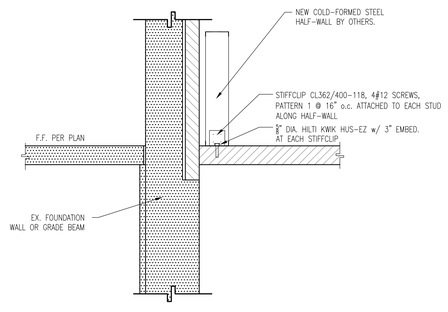


2 SECTION
3/4" = 1'-0"

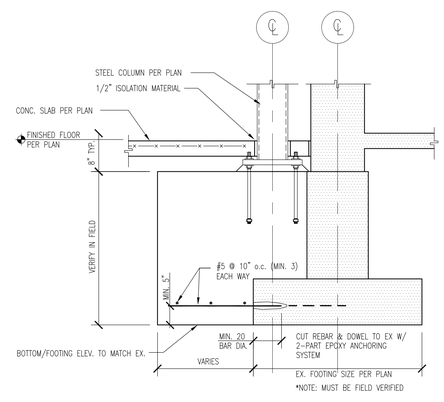


NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR UNDERGROUND CONDUIT.
2. PROVIDE PRECAST OR BOND BEAM LINTEL FOR MULTIPLE PENETRATIONS OR OPENINGS GREATER THAN 24" IN WIDTH.

7 CMU FOUNDATION WALL SLEEVE
NOT TO SCALE



4 SECTION
3/4" = 1'-0"



1 SECTION
NOT TO SCALE

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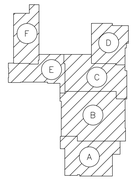
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN
SCALE: NONE

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PROJECT
20-126
DATE
08/24/20
COORDINATED BY
JNB
DRAWN BY
JNB
CHECKED BY
SAC

SCOTT A. CLINE
PE10606154
STATE OF INDIANA
PROFESSIONAL ENGINEER

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DRAWING
FOUNDATION SECTIONS

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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SHEET
S401

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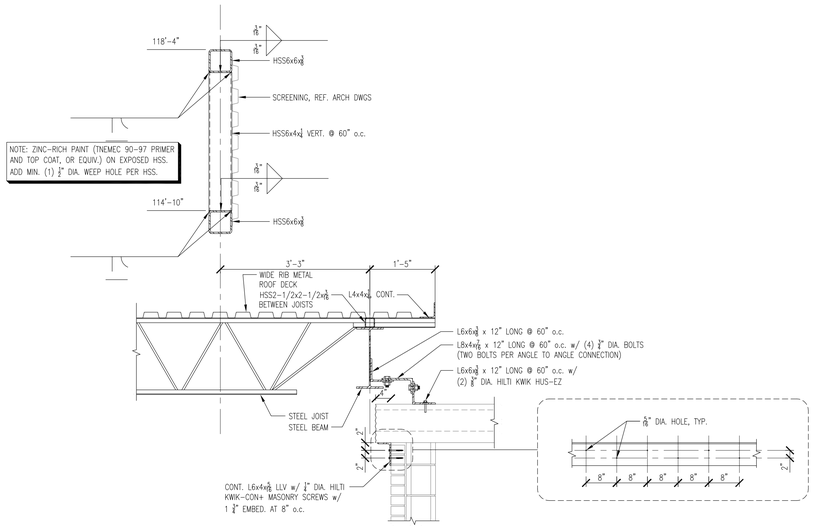
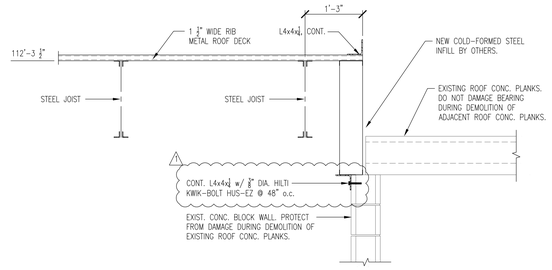
FILE:20-126 S401 WORK WORK FILE.DWG AND JR SR HS ADDNS.CAD – JR SR's-SC01.DWG



6 SECTION
3/4" = 1'-0"



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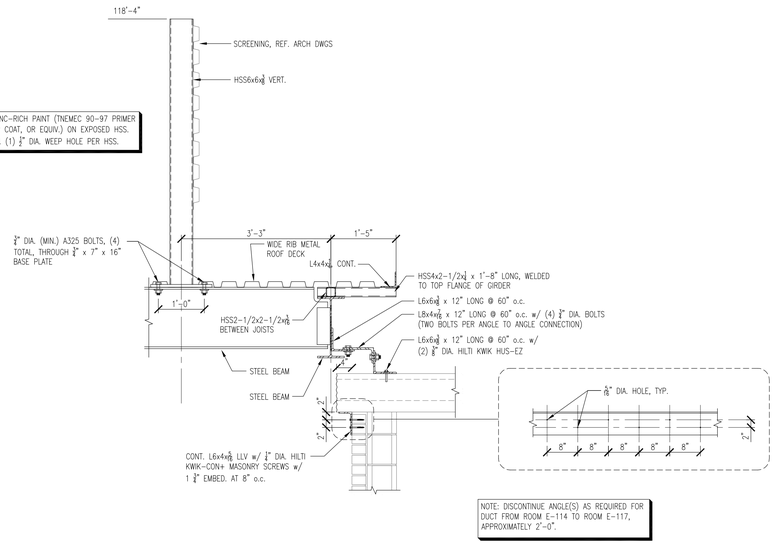
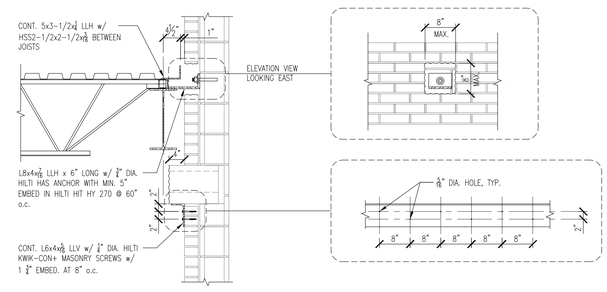
3/4" = 1'-0"

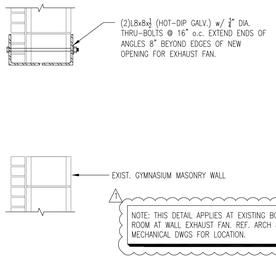


NOTE: DISCONTINUE ANGLE(S) AS REQUIRED FOR DUCT FROM ROOM E-114 TO ROOM E-117, APPROXIMATELY 2'-0".

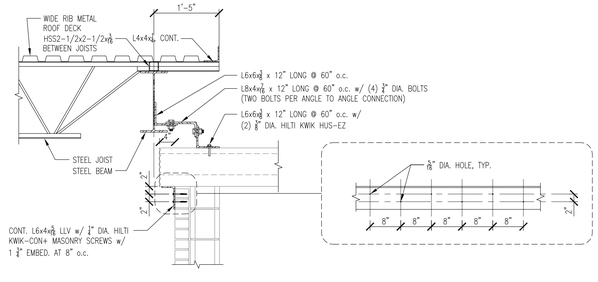
5 SECTION
3/4" = 1'-0"



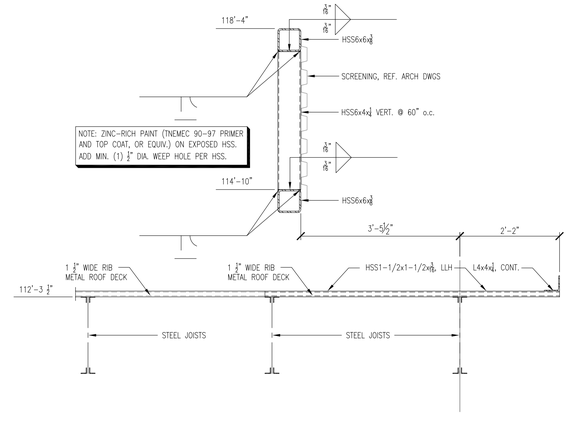
2 SECTION
3/4" = 1'-0"



7 SECTION
3/4" = 1'-0"



4 SECTION
3/4" = 1'-0"



1 SECTION
3/4" = 1'-0"

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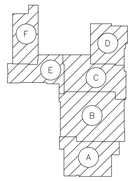
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN
SCALE: NONE

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PROJECT
20-126
DATE
08/24/20
COORDINATED BY
JNB
DRAWN BY
JNB
CHECKED BY
SAC

SCOTT A. CLARK REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
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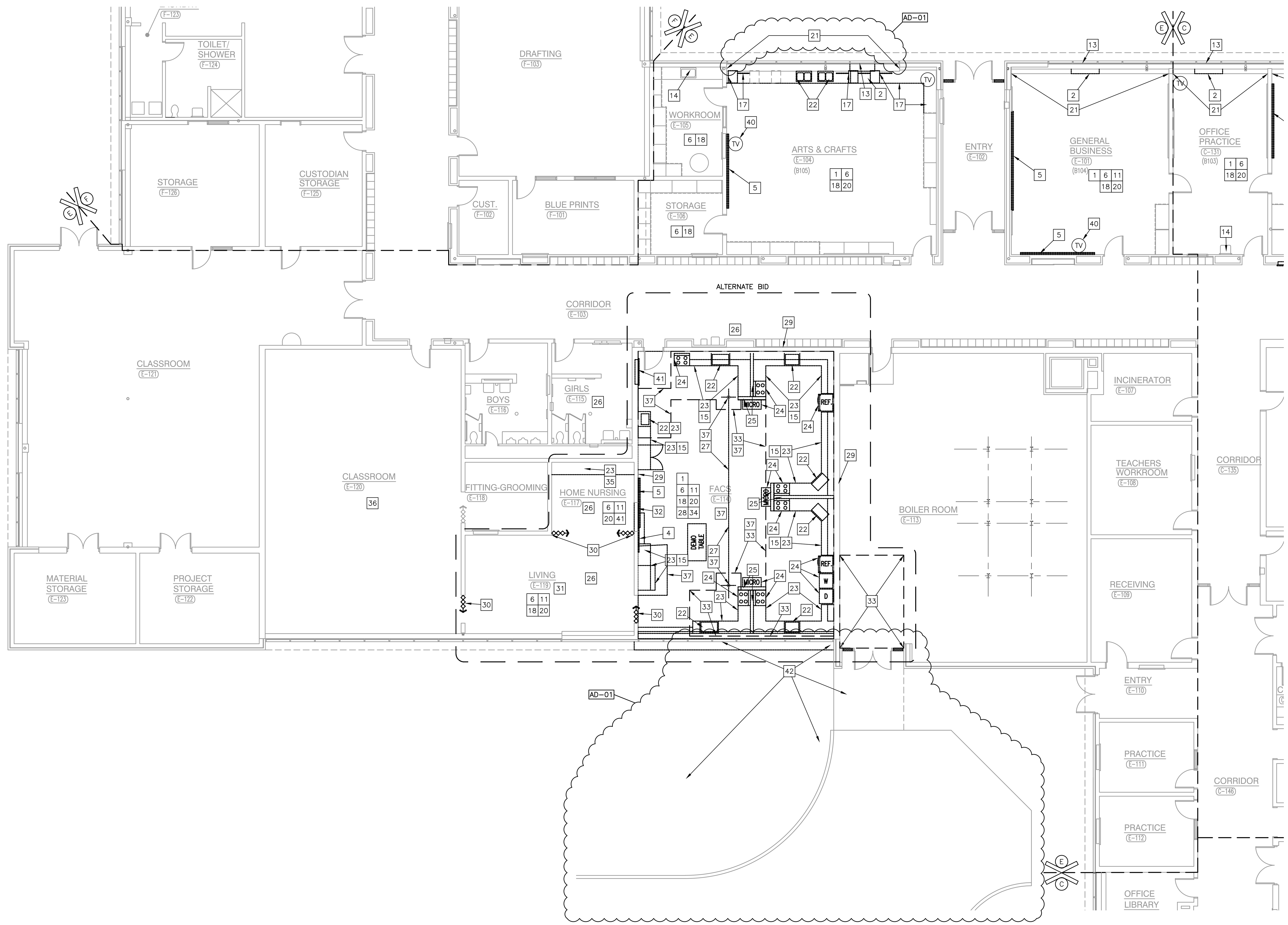
ADDNS\CAD – JR SR\S-SC01.DWG

DEMOLITION PLAN NOTES:

(CONTINUED)

- 33 DEMOLISH EXISTING CONCRETE FLOOR SLAB AND EXISTING FINISHES TO RECEIVE NEW PLUMBING AND ELECTRICAL.
- 34 DEMOLISH EXISTING BULKHEAD AND ASSOCIATED CEILINGS COMPLETE AROUND PERIMETER OF ROOM.
- 35 DEMOLISH EXISTING BULKHEAD COMLPETE.
- 36 CAREFULLY PROTECT EXISTING FLOOR FINISH, WALL COVERINGS, CEILINGS AND TRANSITIONS THIS ROOM.
- 37 DEMOLISH EXISTING CONCRETE FLOOR SLAB, EXISTING FINISHES AND FOOTING, IF PRESENT, COMPLETE.
- 38 DEMOLISH EXISTING METAL GRILLE, SHROUD, BOOKSHELVES AND HVAC COMPLETE.
- 39 PROTECT EXISTING STOREFRONT AND GLAZING TO REMAIN DURING DEMOLITION AND NEW CONSTRUCTION ACTIVITIES.
- 40 COORDINATE WITH OWNER PRIOR TO REMOVAL OF TV.
- 41 REFER TO ELECTRICAL/MECHANICAL FOR REMOVAL OF CABINET HEATER. ALTERNATE BID.
- AD-01 42 CAREFULLY EXCAVATE SITE, PATHWAY AND EXISTING WALK AND CAREFULLY MODIFY EXISTING BUILDING FOUNDATION FOR INSTALLATION OF NEW CONDUIT PENETRATION INTO BUILDING. REFER TO STRUCTURAL AND ELECTRICAL DRAWINGS. REINSTALL NEW CONCRETE AND SOIL DISTURBED. USE EXISTING JOINT LINES FOR REPLACEMENT OF CONCRETE. TEMPORARILY REMOVE EXISTING STOREFRONT, DOOR SILL AND ASSOCIATED ASSEMBLIES AS REQUIRED. PART OF FACS ALTERNATE.



UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

TRUE NORTH

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE PUBLIC SAFETY.

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. WHERE APPLICABLE, SALVAGE EXISTING FACE BRICK AND GLAZED CMU FACING TILE AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISPOSE OF UNUSED PORTION OFF SITE.

L. PROTECT ALL WINDOWS AND STOREFRONT UNITS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.

M. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

N. REMOVE ALL EXISTING IN-GROUND, WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.

O. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN WALLS/FLOORS TO BE DEMOLISHED.

P. THERE ARE EXISTING ELECTRICAL FEEDER CONDUITS ROUTED UNDER EXISTING FLOOR SLAB. CONTRACTOR SHALL LOCATE CONDUIT AND PROTECT ALL CONDUITS AND WIRING TO REMAIN. EXISTING CONDUIT IS ASSUMED TO BE 3.5" BELOW FINISHED FLOOR ELEVATION. CONTRACTOR SHALL USE CAUTION WHEN CUTTING AND REMOVING FLOOR SLAB. ANY CONDUIT OR WIRING DAMAGED DURING FLOOR REMOVAL SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE WITH METHOD OF CORRECTION APPROVED BY ARCHITECT AND ENGINEER.

Q. WHERE EXISTING FLOOR SLAB IS DEMOLISHED AND NEW CONSTRUCTION IS GOING IN, DEMOLISH EXISTING ABANDONED FOUNDATION BELOW GRADE TO ACCOMMODATE NEW CONSTRUCTION.

R. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

S. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

T. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES AND FIRE RATING OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.

U. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

V. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

W. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 4" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

X. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

Y. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

Z. REFER TO THE MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

AA. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

AB. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

AC. PROTECT ALL WINDOW AND STOREFRONT UNITS DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.

AD. CONTRACTOR SHALL REMOVE ALL CEILING GRID AND PADS FOR INSTALLATION OF ABOVE CEILING WORK AND INSTALL NEW GRID AND PADS. CONTRACTOR SHALL SALVAGE EXISTING CEILING PADS FOR REINSTALLATION. REFERENCE MEP FOR ADDITIONAL INFORMATION. REPLACE ANY DAMAGED CEILING PADS TO MATCH EXISTING.

DEMOLITION PLAN NOTES:

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

- 1 REFER TO MECHANICAL, PIPING AND ELECTRICAL DRAWINGS FOR EXTENT OF CEILING REMOVAL REQUIRED BY OTHERS.
- 2 REMOVE EXISTING CASEWORK AS REQUIRED FOR NEW VERTICAL UNIT VENTILATOR. REFER TO MECHANICAL DRAWINGS.
- 3 REMOVE EXISTING CEILING SYSTEM COMPLETE.
- 4 REMOVE CORK BOARD.
- 5 REMOVE CHALK BOARD.
- 6 FLOOR FINISH TO BE DEMOLISHED. PREPARE SURFACE FOR NEW FLOOR FINISH. REFER TO FINISH PLANS.
- 7 EXISTING CONVECTOR TO BE DEMOLISHED. INFILL WALL FLUSH WITH CMU.
- 8 CAREFULLY REMOVE EXISTING STOPS AT LITES FOR INSTALLATION OF NEW GLAZING.
- 9 SINK TO REMAIN. MODIFY PLUMBING SOLIDS TRAP. REFER TO PLUMBING DRAWINGS.
- 10 REMOVE/MODIFY WOOD BASE AT CENTER LITE. PREP/ MODIFY AS REQUIRED FOR RE-INSTALLATION.
- 11 DEMOLISH CEILING SYSTEM IN ROOM COMPLETE.
- 12 EXISTING FLOOR MOUNTED ELECTRICAL AND ASSOCIATED UNDER SLAB ACCESS TO BE REMOVED REFERENCE ELECTRICAL DRAWINGS.
- 13 REMOVE INSULATED GLAZING AND STOPS AND MAKE READY FOR INSTALLATION OF NEW ALUMINUM LOUVER.
- 14 CLEAN EXISTING PLUMBING FIXTURES.
- 15 DEMOLISH EXISTING BULKHEAD FOR NEW CONSTRUCTION.
- 16 REMOVE AND SALVAGE PAPER TOWEL DISPENSER.
- 17 MODIFY CASEWORK AND FILLER PANELS. REMOVE BLACK RESIN TOP AND BACKSLASH ALONG OUTSIDE WALL AND TURN CORNER AT EAST WALL COMPLETE. REFER TO ELECTRICAL DRAWINGS FOR DEVICES TO BE MODIFIED
- 18 REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL DEVICE REMOVAL.
- 19 CLEAN/MODIFY/ SAND EXISTING WOOD FRAMES/ TRIM/ STOPS/ PREP TO RECEIVE NEW FINISHES TO MATCH NEW DOORS EACH SIDE OF DOOR.
- 20 DEMOLISH EXISTING WALL COVERING AND EXISTING BASE. PREP TO RECEIVE SKIM COAT FOR NEW FINISH.
- 21 CAREFULLY REMOVE EXISTING METAL CABINETRY/ COVERS/ BOOKSHELVES AS REQUIRED TO ACCOMMODATE FLOOR REMOVAL AND INSTALLATION OF NEW UNIT VENTILATORS.
- 22 DEMOLISH EXISTING SINK COMPLETE.
- 23 DEMOLISH EXISTING CASEWORK COMPLETE.
- 24 APPLIANCE TO BE REMOVED BY OWNER AND SALVAGED FOR REUSE.
- 25 DEMOLISH EXISTING LOW WALL AND FINISHES COMPLETE.
- 26 PROTECT EXISTING ROOF STRUCTURE TO REMAIN COMPLETE. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
- 27 DEMOLISH EXISTING COLUMN AND BEAM. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
- 28 AREA OF EXISTING ROOF STRUCTURE DEMOLITION TO ACCOMMODATE NEW RAISED ROOF ASSEMBLY OVER ROOM E-114. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
- 29 PROTECT EXISTING LOAD BEARING WALL AND ASSOCIATED ROOF STRUCTURE. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
- 30 DEMOLISH EXISTING DOOR ASSEMBLY COMPLETE. EXISTING FRAME AND TRACK TO REMAIN IN WALL. REMOVE FINISHES AND TRIM AS REQUIRED TO RECEIVE NEW WALL CONSTRUCTION BELOW. ANY SURFACE MOUNTED TRIM OR TRACK TO BE REMOVED.
- 31 AREA TO RECEIVE POWER MODIFICATIONS FOR EXISTING EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
- 32 DEMOLISH EXISTING LOAD BEARING WALL CONSTRUCTION TO RECEIVE NEW DOOR. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.

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PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

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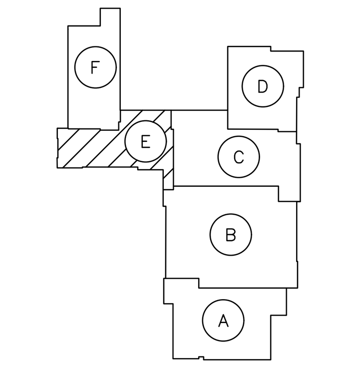
LAKEVILLE, INDIANA



KEYPLAN

SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PCD
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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AD-01	09/08/20	ADDENDUM NO. 1

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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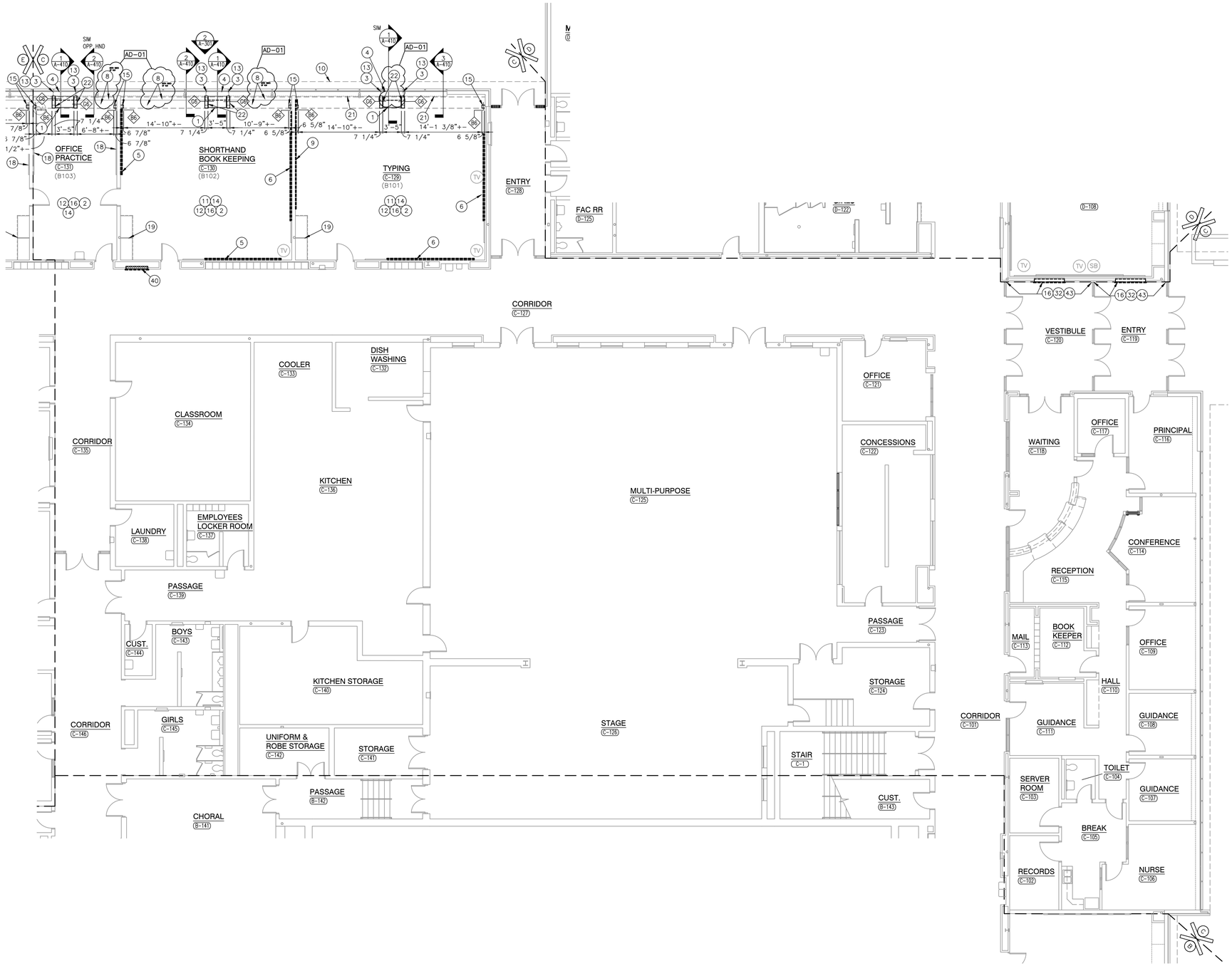
Tuesday, 9/8/2020 - 11:10 AM - LAST SAVED BY:PDEGROTHY
Y:\20-126 UNION-NORTH LAVILLE JR-SR HS - 2020 IMPROVEMENTS\20-126 DRAWINGS\05 ARCH\AD104.DWG



UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

TRUE NORTH

PLAN NOTES:

(CONTINUED)

(40) NEW CABINET HEATER AND 20 GAUGE BREAK METAL FILLER PANEL WITH EASED EDGES. ELECTRO-STATICLY PAINT THE METAL CABINET HEATER. INSTALL METAL STUD FRAMING BACKER AND TREATED WOOD SHIMS TO THE ENSURE A SMOOTH TRANSITION ALL AROUND OPENING. PANEL SHALL BE FLUSH WITH ADJACENT FINISHES. INSTALL CONTINUOUS BEAD OF SEALANT ALL AROUND. REFER TO MEP FOR FURTHER INFORMATION.

(41) SINGLE BOWL CLOTHES SINK. REFER TO PLUMBING DRAWINGS.

(42) GENERAL AREA OF ELECTRICAL MODIFICATIONS. PROTECT ALL EXISTING UTILITIES ABOVE AND BELOW GRADE. CONTRACTOR RESPONSIBLE TO LOCATE ALL UTILITIES ABOVE AND BELOW GRADE PRIOR TO START OF CONSTRUCTION. PART OF FACS ALTERNATE.

(43) NEW CABINET HEATER. INFILL OPENING WITH CMU FLUSH TO RECEIVE NEW FINSHES. ALTERNATE. REFER TO FINISH PLAN AND MEP DRAWINGS.

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0".

D. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

E. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

F. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

G. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

H. TEMPORARILY REMOVE CHALK/DRY ERASE BOARDS TO COMPLETE WORK. REINSTALL IN NEW LOCATION REQUIRED BY THE INSTALLATION OF NEW HVAC EQUIPMENT, UNLESS OTHERWISE INDICATED.

K. REF FINISH PLANS FOR LOCATION & EXTENT OF FINISH FLOOR AND WALL MATERIAL.

L. REF DEMOLITION SHEETS FOR ADDITIONAL PATCH AND REPAIR WORK.

M. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

N. FIELD VERIFY ALL DIMENSIONS.

O. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

P. ALL CASEWORK EXPOSED SURFACES SHALL BE PLASTIC-LAMINATE OR SOLID SURFACE WHERE INDICATED. INTERIOR SURFACES SHALL BE WHITE MELAMINE.

Q. ALL CASEWORK AND/OR MILLWORK DOORS AND DRAWERS SHALL BE LOCKABLE AND KEYED PER AREA.

R. CASEWORK AND/OR MILLWORK INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION.

S. FILLER PANELS, TRIM AND MOLDINGS PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK AND/OR MILLWORK CONTINUOUS TO ADJACENT PARTITION, CEILING AND/OR BULKHEAD.

T. WHERE CASEWORK AND/OR MILLWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.

U. PROVIDE 4" HIGH VINYL COVE BASE AT ALL CASEWORK AND/OR MILLWORK TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES.

V. PROVIDE SEALANT JOINT AT ALL JUNCTIONS OF CASEWORK AND/OR MILLWORK / COUNTERTOPS WITH ADJACENT WALLS.

W. ALL SINKS SHALL BE MOUNTED TO COUNTERTOP AND PROVIDED WITH SINK MANUFACTURER'S STANDARD STRAINER AND TAILPIECE BY CONTRACTOR.

X. ALL FAUCETS SHALL BE FURNISHED BY THE CASEWORK AND/OR MILLWORK INSTALLER AND INSTALLED BY PLUMBING CONTRACTOR. ALL ELECTRICAL ITEMS ARE BY THE ELECTRICAL CONTRACTOR. VERIFY AND COORDINATE LOCATIONS WITH CASEWORK CONTRACTOR.

Y. ALL FAUCETS SHALL HAVE A.D.A. COMPLIANT LEVER HANDLES AT ACCESSIBLE STATIONS.

Z. ALL CUTTING AND DRILLING OF CASEWORK AND AND/OR MILLWORK AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY THE CASEWORK AND/OR MILLWORK INSTALLER RESPECTIVELY.

AA. CASEWORK CABINETS LOCATED IN FRONT OF A PLUMBING CHASE SHALL HAVE REMOVABLE BACKS.

AB. ALL ADJOINING CASEWORK CABINETS SHALL BE ALIGNED.

AC. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM EDGE.

AD. ALL CASEWORK WALL AND FULL HEIGHT CABINETS TO RECEIVE PLASTIC LAMINATE SLOPPED TOPS.

AE. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.

AF. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.

AG. REFER TO G-301 FOR MOUNTING HEIGHTS.

PLAN LEGEND:

INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL. REF A-720 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPE. REF A-420 FOR WALL THICKNESS, HEIGHT, & COMPOSITION.

PLAN NOTES:

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

(1) VERTICAL UNIT VENTILATOR (VUV). REFER TO MECHANICAL DRAWINGS.

(2) RE-INSTALL OWNER PROVIDED TV'S AS DIRECTED IN FIELD BY OWNER.

(3) NEW PAINTED METAL CLOSURE TO METAL STUD/ GYPSUM WALL, BULKHEAD, POCKET AND STOREFRONT.

(4) NEW LOUVER CONSTRUCTION – REFERENCE ELEVATION AND DETAILS/ MEP FOR ADDITIONAL INFORMATION. (1/A-301)

(5) NEW 12'-0" MARKER BOARD. (1/A-501)

(6) NEW 16'-0" MARKER BOARD. (1/A-501)

(7) NEW EPOXY TOP AND BACK SPLASH. TURN CORNER TO EXISTING CABINETRY.

(8) NEW SOLID SURFACE TOP, SSM1 ON EXISTING METAL SHELVES TO BE ELECTROSTATIC PAINTED, P2. REFER TO DEMOLITION PLANS.

(9) NEW 16'-0" CORK BOARD.

(10) LINE OF OVERHANG ABOVE.

(11) GROUT IN AND FILL ALL ASSOCIATED FLOOR BASED ELECTRICAL, CHASES AND ACCESS. INSTALL GROUT FLUSH W/ FINISHED FLOOR. PREP TO RECEIVE NEW LEVEL FLOOR FINISH. AD-01

(12) NEW FLOOR FINSH. REFER TO FINISH DRAWINGS.

(13) NEW METAL STUD FRAMING AND GYPSUM WALL CONSTRUCTION. REFERENCE WALL TYPES.

(14) PREPARE FLOOR FOR NEW FINISH INCLUDING ALL AREAS MODIFIED NOT EXPOSED TO VIEW. SEE FINISH PLANS.

(15) PREP NEW GYPSUM BOARD AS REQUIRED TO RECEIVE WALL COVERING.

(16) SKIM COAT EXISTING PLASTER WALLS TO RECEIVE NEW FINISH.

(17) ATTACH PRE-FAB TRUSS TO EXISTING CMU USING HILTI HIT-HY 270 3/8" DIA. ADHESIVE ANCHORS AT 8" OC (MIN. 3) 1 3/4" EMBED INSTALLED PER MANUFACTURERS RECOMMENDATIONS.

(18) EXISTING MARKERBOARD/TACKBOARD TO REMAIN.

(19) EXISTING CASEWORK TO REMAIN.

(20) EXISTING KILN TO REMAIN. COORDINATE WITH OWNER RELOCATION FOR NEW FINISHES. RELOCATE AND REINSTALL FOR OWNER AS DIRECTED.

(21) EXISTING METAL ENCLOSURE TO BE ELECTROSTATIC PAINTED, P2.

(22) PROVIDE ELECTROSTATIC PAINTED, P2, METAL FILLER PANEL, AS NECESSARY. (5/A-501)

(23) SMARTBOARD AND PROJECTOR, BY OWNER, INSTALL BY CONTRACTOR. AD-01

(24) WASHER AND DRYER, BY OWNER.

(25) DOUBLE SINK, REFER TO PLUMBING DRAWINGS.

(26) HAND WASHING SINK, REFER TO PLUMBING DRAWINGS.

(27) RANGE, BY OWNER.

(28) REFRIGERATOR, BY OWNER.

(29) CHEST FREEZER, BY OWNER.

(30) DASHED FURNITURE, BY OWNER. FOR REFERENCE ONLY.

(31) DOUBLE BOWL ART SINK WITH CLAY TRAP, REFER TO PLUMBING DRAWINGS.

(32) SKIM COAT CMU WALL TO RECEIVE NEW WALL COVERING. REFER TO FINISH PLANS FOR FURTHER INFORMATION.

(33) NEW REINFORCED CONCRETE FLOOR SLAB WITH VAPOR BARRIER. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.

(34) REFER TO STRUCTURAL DRAWINGS FOR NEW LINTEL CONDITION.

(35) REFER TO KITCHEN EQUIPMENT DRAWINGS FOR NEW COMMERCIAL KITCHEN EQUIPMENT.

(36) HOOD. REFER TO MEP DRAWINGS AND KITCHEN EQUIPMENT DRAWINGS FOR FURTHER INFORMATION.

(37) PROVIDE IMPACT-RESISTANT GYPSUM BOARD WITH CORNER BEADS AT BOTH HEAD AND JAMBS TO SEAL OFF WALL OPENING.

(38) NEW SOLID SURFACE TOP, SSM1.

(39) EXISTING METAL SHELVING AND CONVECTOR COVER TO BE ELECTROSTATIC PAINTED, P2.

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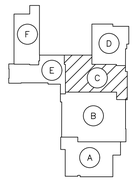
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN

SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PD
CHECKED BY TA

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	09/08/20	ADDENDUM NO. 1

DRAWING

UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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SHEET

A-102

Tuesday, 9/8/2020 – 4:41 PM – LAST SAVED BY:PDEGROTHY
Y:\20-126 UNION-NORTH LAVILLE JR-SR HS – 2020 IMPROVEMENTS\20-126 DRAWINGS\05 ARCH\A-102.DWG

PLAN NOTES:
(CONTINUED)

(40) NEW CABINET HEATER AND 20 GAUGE BREAK METAL FILLER PANEL WITH EASED EDGES. ELECTRO-STATICLY PAINT THE METAL CABINET HEATER. INSTALL METAL STUD FRAMING BACKER AND TREATED WOOD SHIMS TO THE ENSURE A SMOOTH TRANSITION ALL AROUND OPENING. PANEL SHALL BE FLUSH WITH ADJACENT FINISHES. INSTALL CONTINUOUS BEAD OF SEALANT ALL AROUND. REFER TO MEP FOR FURTHER INFORMATION.

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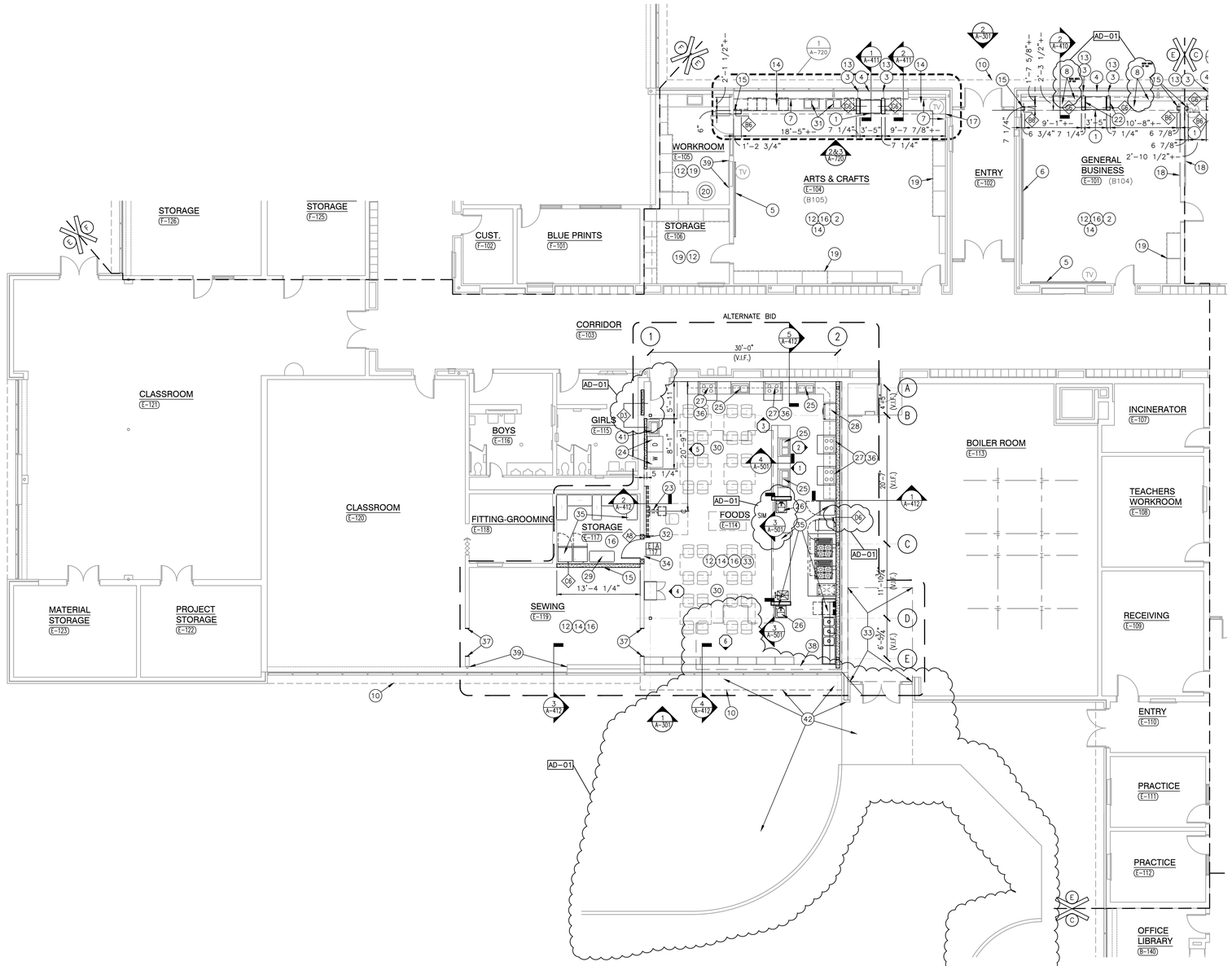

UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

NORTH
TRUE NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

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C. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0".

D. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

E. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

F. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

G. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

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K. REF FINISH PLANS FOR LOCATION & EXTENT OF FINISH FLOOR AND WALL MATERIAL.

L. REF DEMOLITION SHEETS FOR ADDITIONAL PATCH AND REPAIR WORK.

M. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

N. FIELD VERIFY ALL DIMENSIONS.

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AA. CASEWORK CABINETS LOCATED IN FRONT OF A PLUMBING CHASE SHALL HAVE REMOVABLE BACKS.

AB. ALL ADJOINING CASEWORK CABINETS SHALL BE ALIGNED.

AC. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM EDGE.

AD. ALL CASEWORK WALL AND FULL HEIGHT CABINETS TO RECEIVE PLASTIC LAMINATE SLOPPED TOPS.

AE. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.

AF. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.

AG. REFER TO G-301 FOR MOUNTING HEIGHTS.

PLAN LEGEND:

INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL. REF A-720 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPE. REF A-420 FOR WALL THICKNESS, HEIGHT, & COMPOSITION.

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

(1) VERTICAL UNIT VENTILATOR (VUV). REFER TO MECHANICAL DRAWINGS.
(2) RE-INSTALL OWNER PROVIDED TV'S AS DIRECTED IN FIELD BY OWNER.
(3) NEW PAINTED METAL CLOSURE TO METAL STUD/ GYPSUM WALL, BULKHEAD, POCKET AND STOREFRONT.
(4) NEW LOUVER CONSTRUCTION – REFERENCE ELEVATION AND DETAILS/ MEP FOR ADDITIONAL INFORMATION. (1/A-301)
(5) NEW 12'-0" MARKER BOARD. (1/A-301)
(6) NEW 16'-0" MARKER BOARD. (1/A-501)
(7) NEW EPOXY TOP AND BACK SPLASH. TURN CORNER TO EXISTING CABINETRY.
(8) NEW SOLID SURFACE TOP, SSM1 ON EXISTING METAL SHELVES TO BE ELECTROSTATIC PAINTED, P2. REFER TO DEMOLITION PLANS. (AD-01)
(9) NEW 16'-0" CORK BOARD.
(10) LINE OF OVERHANG ABOVE.
(11) GROUT IN AND FILL ALL ASSOCIATED FLOOR BASED ELECTRICAL, CHASES AND ACCESS. INSTALL GROUT FLUSH W/ FINISHED FLOOR. PREP TO RECEIVE NEW LEVEL FLOOR FINISH.
(12) NEW FLOOR FINSH. REFER TO FINISH DRAWINGS.
(13) NEW METAL STUD FRAMING AND GYPSUM WALL CONSTRUCTION. REFERENCE WALL TYPES.
(14) PREPARE FLOOR FOR NEW FINISH INCLUDING ALL AREAS MODIFIED NOT EXPOSED TO VIEW. SEE FINISH PLANS.
(15) PREP NEW GYPSUM BOARD AS REQUIRED TO RECEIVE WALL COVERING.
(16) SKIM COAT EXISTING PLASTER WALLS TO RECEIVE NEW FINISH.
(17) ATTACH PRE-FAB TRUSS TO EXISTING CMU USING HILTI HIT-HY 270 3/8" DIA. ADHESIVE ANCHORS AT 8" OC (MIN. 3) 1 3/4" EMBED INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
(18) EXISTING MARKERBOARD/TACKBOARD TO REMAIN.
(19) EXISTING CASEWORK TO REMAIN.
(20) EXISTING KILN TO REMAIN. COORDINATE WITH OWNER RELOCATION FOR NEW FINISHES. RELOCATE AND REINSTALL FOR OWNER AS DIRECTED.
(21) EXISTING METAL ENCLOSURE TO BE ELECTROSTATIC PAINTED, P2.
(22) PROVIDE ELECTROSTATIC PAINTED, P2, METAL FILLER PANEL AS NECESSARY. (5/A-301)
(23) SMARTBOARD AND PROJECTOR, BY OWNER, INSTALL BY CONTRACTOR. (AD-01)
(24) WASHER AND DRYER, BY OWNER.
(25) DOUBLE SINK, REFER TO PLUMBING DRAWINGS.
(26) HAND WASHING SINK, REFER TO PLUMBING DRAWINGS.
(27) RANGE, BY OWNER.
(28) REFRIGERATOR, BY OWNER.
(29) CHEST FREEZER, BY OWNER.
(30) DASHED FURNITURE, BY OWNER. FOR REFERENCE ONLY.
(31) DOUBLE BOWL ART SINK WITH CLAY TRAP, REFER TO PLUMBING DRAWINGS.
(32) SKIM COAT CMU WALL TO RECEIVE NEW WALL COVERING. REFER TO FINISH PLANS FOR FURTHER INFORMATION.
(33) NEW REINFORCED CONCRETE FLOOR SLAB WITH VAPOR BARRIER. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
(34) REFER TO STRUCTURAL DRAWINGS FOR NEW LINTEL CONDITION.
(35) REFER TO KITCHEN EQUIPMENT DRAWINGS FOR NEW COMMERCIAL KITCHEN EQUIPMENT.
(36) HOOD. REFER TO MEP DRAWINGS AND KITCHEN EQUIPMENT DRAWINGS FOR FURTHER INFORMATION.
(37) PROVIDE IMPACT-RESISTANT GYPSUM BOARD WITH CORNER BEADS AT BOTH HEAD AND JAMBS TO SEAL OFF WALL OPENING.
(38) NEW SOLID SURFACE TOP, SSM1.
(39) EXISTING METAL SHELVING AND CONVECTOR COVER TO BE ELECTROSTATIC PAINTED, P2.

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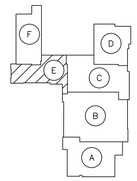
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN
SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PD
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	09/08/20	ADDENDUM NO. 1

DRAWING
UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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SHEET
A-104

Tuesday, 9/8/2020 – 4:35 PM – LAST SAVED BY:PDEGROTHY
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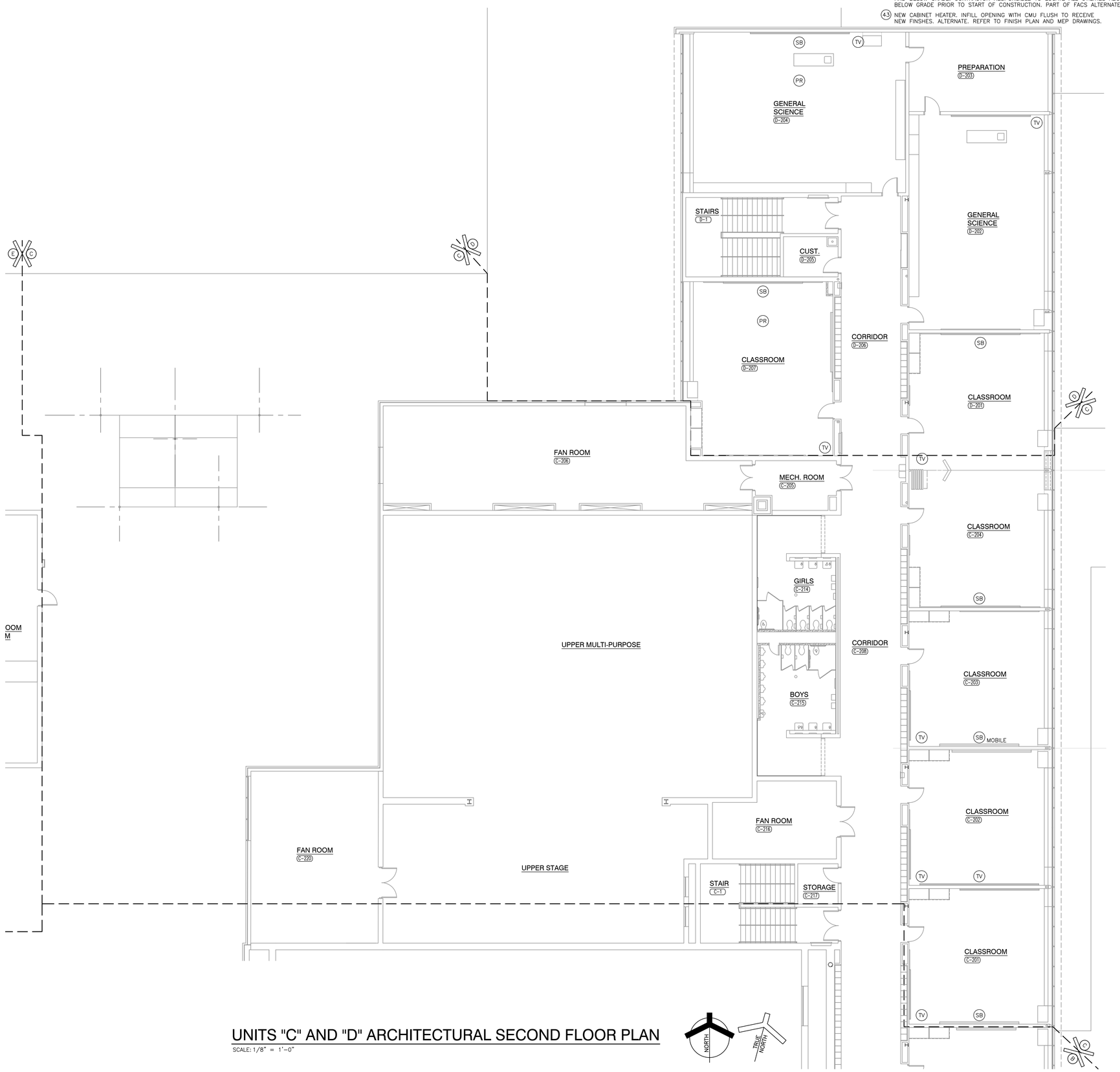

UNITS "C" AND "D" ARCHITECTURAL SECOND FLOOR PLAN

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

PLAN NOTES:

(CONTINUED)

40. NEW CABINET HEATER AND 20 GAUGE BREAK METAL FILLER PANEL WITH EASED EDGES. ELECTRO-STATICLY PAINT THE METAL CABINET HEATER. INSTALL METAL STUD FRAMING BACKER AND TREATED WOOD SHIMS TO THE ENSURE A SMOOTH TRANSITION ALL AROUND OPENING. PANEL SHALL BE FLUSH WITH ADJACENT FINISHES. INSTALL CONTINUOUS BEAD OF SEALANT ALL AROUND. REFER TO MEP FOR FURTHER INFORMATION.
41. SINGLE BOWL CLOTHES SINK. REFER TO PLUMBING DRAWINGS.
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C. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0".
D. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
E. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
F. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
G. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
H. TEMPORARILY REMOVE CHALK/DRY ERASE BOARDS TO COMPLETE WORK. REINSTALL IN NEW LOCATION REQUIRED BY THE INSTALLATION OF NEW HVAC EQUIPMENT, UNLESS OTHERWISE INDICATED.
K. REF FINISH PLANS FOR LOCATION & EXTENT OF FINISH FLOOR AND WALL MATERIAL.
L. REF DEMOLITION SHEETS FOR ADDITIONAL PATCH AND REPAIR WORK.
M. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
N. FIELD VERIFY ALL DIMENSIONS.
O. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
P. ALL CASEWORK EXPOSED SURFACES SHALL BE PLASTIC-LAMINATE OR SOLID SURFACE WHERE INDICATED. INTERIOR SURFACES SHALL BE WHITE MELAMINE.
Q. ALL CASEWORK AND/OR MILLWORK DOORS AND DRAWERS SHALL BE LOCKABLE AND KEYED PER AREA.
R. CASEWORK AND/OR MILLWORK INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION.
S. FILLER PANELS, TRIM AND MOLDINGS PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK AND/OR MILLWORK CONTINUOUS TO ADJACENT PARTITION, CEILING AND/OR BULKHEAD.
T. WHERE CASEWORK AND/OR MILLWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.
U. PROVIDE 4" HIGH VINYL COVE BASE AT ALL CASEWORK AND/OR MILLWORK TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES.
V. PROVIDE SEALANT JOINT AT ALL JUNCTIONS OF CASEWORK AND/OR MILLWORK / COUNTERTOPS WITH ADJACENT WALLS.
W. ALL SINKS SHALL BE MOUNTED TO COUNTERTOP AND PROVIDED WITH SINK MANUFACTURER'S STANDARD STRAINER AND TAILPIECE BY CONTRACTOR.
X. ALL FAUCETS SHALL BE FURNISHED BY THE CASEWORK AND/OR MILLWORK INSTALLER AND INSTALLED BY PLUMBING CONTRACTOR. ALL ELECTRICAL ITEMS ARE BY THE ELECTRICAL CONTRACTOR. VERIFY AND COORDINATE LOCATIONS WITH CASEWORK CONTRACTOR.
Y. ALL FAUCETS SHALL HAVE A.D.A. COMPLIANT LEVER HANDLES AT ACCESSIBLE STATIONS.
Z. ALL CUTTING AND DRILLING OF CASEWORK AND AND/OR MILLWORK AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY THE CASEWORK AND/OR MILLWORK INSTALLER RESPECTIVELY.
AA. CASEWORK CABINETS LOCATED IN FRONT OF A PLUMBING CHASE SHALL HAVE REMOVABLE BACKS.
AB. ALL ADJOINING CASEWORK CABINETS SHALL BE ALIGNED.
AC. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM EDGE.
AD. ALL CASEWORK WALL AND FULL HEIGHT CABINETS TO RECEIVE PLASTIC LAMINATE SLOPPED TOPS.
AE. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
AF. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.
AG. REFER TO G-301 FOR MOUNTING HEIGHTS.

PLAN LEGEND:

INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL. REF A-720 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPE. REF A-420 FOR WALL THICKNESS, HEIGHT, & COMPOSITION.

PLAN NOTES:

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

1. VERTICAL UNIT VENTILATOR (VUV). REFER TO MECHANICAL DRAWINGS.
2. RE-INSTALL OWNER PROVIDED TV'S AS DIRECTED IN FIELD BY OWNER.
3. NEW PAINTED METAL CLOSURE TO METAL STUD/ GYPSUM WALL, BULKHEAD, POCKET AND STOREFRONT.
4. NEW LOUVER CONSTRUCTION - REFERENCE ELEVATION AND DETAILS/ MEP FOR ADDITIONAL INFORMATION. 1/A-301
5. NEW 12'-0" MARKER BOARD. 1/A-501
6. NEW 16'-0" MARKER BOARD. 1/A-501
7. NEW EPOXY TOP AND BACK SPLASH. TURN CORNER TO EXISTING CABINETRY.
8. NEW SOLID SURFACE TOP, SSM1 ON EXISTING METAL SHELVES TO BE ELECTROSTATIC PAINTED, P2. REFER TO DEMOLITION PLANS.
9. NEW 16'-0" CORK BOARD.
10. LINE OF OVERHANG ABOVE.
11. GROUT IN AND FILL ALL ASSOCIATED FLOOR BASED ELECTRICAL, CHASES AND ACCESS. INSTALL GROUT FLUSH W/ FINISHED FLOOR. PREP TO RECEIVE NEW LEVEL FLOOR FINISH.
12. NEW FLOOR FINSH. REFER TO FINISH DRAWINGS.
13. NEW METAL STUD FRAMING AND GYPSUM WALL CONSTRUCTION. REFERENCE WALL TYPES.
14. PREPARE FLOOR FOR NEW FINISH INCLUDING ALL AREAS MODIFIED NOT EXPOSED TO VIEW. SEE FINISH PLANS.
15. PREP NEW GYPSUM BOARD AS REQUIRED TO RECEIVE WALL COVERING.
16. SKIM COAT EXISTING PLASTER WALLS TO RECEIVE NEW FINISH.
17. ATTACH PRE-FAB TRUSS TO EXISTING CMU USING HILTI HIT-HY 270 3/8" DIA. ADHESIVE ANCHORS AT 8" OC (MIN. 3) 1 3/4" EMBED INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
18. EXISTING MARKERBOARD/TACKBOARD TO REMAIN.
19. EXISTING CASEWORK TO REMAIN.
20. EXISTING KILN TO REMAIN. COORDINATE WITH OWNER RELOCATION FOR NEW FINISHES. RELOCATE AND REINSTALL FOR OWNER AS DIRECTED.
21. EXISTING METAL ENCLOSURE TO BE ELECTROSTATIC PAINTED, P2.
22. PROVIDE ELECTROSTATIC PAINTED, P2, METAL FILLER PANEL AS NECESSARY. 5/A-501
23. SMARTBOARD AND PROJECTOR, BY OWNER, INSTALL BY CONTRACTOR.
24. WASHER AND DRYER, BY OWNER.
25. DOUBLE SINK, REFER TO PLUMBING DRAWINGS.
26. HAND WASHING SINK, REFER TO PLUMBING DRAWINGS.
27. RANGE, BY OWNER.
28. REFRIGERATOR, BY OWNER.
29. CHEST FREEZER, BY OWNER.
30. DASHED FURNITURE, BY OWNER. FOR REFERENCE ONLY.
31. DOUBLE BOWL ART SINK WITH CLAY TRAP, REFER TO PLUMBING DRAWINGS.
32. SKIM COAT CMU WALL TO RECEIVE NEW WALL COVERING. REFER TO FINISH PLANS FOR FURTHER INFORMATION.
33. NEW REINFORCED CONCRETE FLOOR SLAB WITH VAPOR BARRIER. REFER TO STRUCTURAL DRAWINGS FOR FURTHER INFORMATION.
34. REFER TO STRUCTURAL DRAWINGS FOR NEW LINTEL CONDITION.
35. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR NEW COMMERCIAL KITCHEN EQUIPMENT.
36. HOOD. REFER TO MEP DRAWINGS AND KITCHEN EQUIPMENT DRAWINGS FOR FURTHER INFORMATION.
37. PROVIDE IMPACT-RESISTANT GYPSUM BOARD WITH CORNER BEADS AT BOTH HEAD AND JAMBS TO SEAL OFF WALL OPENING.
38. NEW SOLID SURFACE TOP, SSM1.
39. EXISTING METAL SHELVING AND CONVECTOR COVER TO BE ELECTROSTATIC PAINTED, P2.

FOR REFERENCE ONLY

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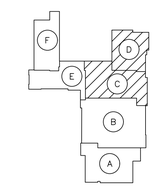
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN
SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PD
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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REVISIONS

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DRAWING
UNITS "C" AND "D" ARCHITECTURAL SECOND FLOOR PLAN

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A-106

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GENERAL ELEVATION NOTES:

A. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

B. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

C. LOUVERS SHALL BE FACTORY PAINTED FROM MANUFACTURES FULL RANGE OF COLORS – ALL LINES.

ELEVATION KEY NOTES:

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

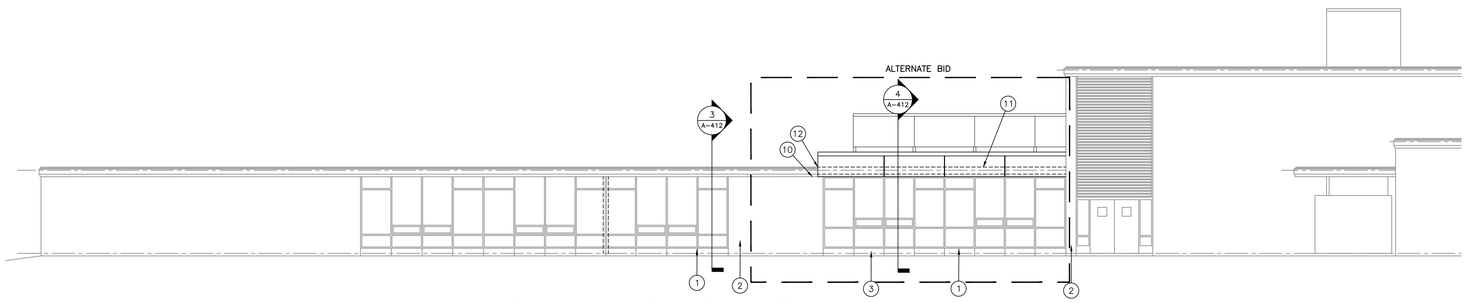
1. EXISTING STOREFRONT.
2. EXISTING FACE BRICK.
3. EXISTING LIMESTONE BASE.
4. NEW LOUVER IN EXISTING STOREFRONT WALL OPENING. REFER TO MECHANICAL DRAWINGS. CONTRACTOR TO FIELD VERIFY OPENING SIZE. MODIFY STOREFRONT AND PROVIDE NEW WINDOW MULLION AS REQUIRED TO ACCOMMODATE NEW LOUVER. AD–01
5. MODIFY EXISTING LIMESTONE AND MASONRY AS REQUIRED TO RUN CONDENSATE THRU WALL. CENTER CONDENSATE HORIZONTALLY. ALIGN ALL CONDENSATE LINES VERTICALLY IN STOREFRONT ASSEMBLY.
6. EXISTING OPERABLE WINDOW AND ASSOCIATED FRAMING AND MULLION TO BE REMOVED. FIX IN PLACE – REPLACE GLAZING W/ SPANDREL GLAZING. AD–01
7. NEW STOREFRONT MULLION CAPS
8. EXISTING STOREFRONT AND GLAZING TO REMAIN. BRACE AND SHORE AND PROTECT DURING CONSTRUCTION.
9. EXISTING GLAZING – REPLACE GLAZING WITH SPANDREL GLAZING.
10. INSTALL NEW PAINTED METAL FASCIA, SOFFIT AND TREATED WOOD BLOCKING AS REQUIRED FOR SMOOTH TRANSITION. ALL PROFILES SHALL MATCH EXISTING AND DYE INTO NEW METAL PANEL SYSTEM. RE–USE SALVAGE METAL PROFILES. IF USABLE PAINT TO MATCH EXISTING.
11. OUTLINE OF EXISTING SOFFIT, FASCIA, ROOF AND BUILDING STRUCTURE TO BE DEMOLISHED TO RECEIVE NEW CONSTRUCTION. SALVAGE FOR RE–USE AT TRANSITION IF REQUIRED.
12. CAREFULLY MODIFY EXISTING SOFFIT AND BUILD STRUCTURE TO RETURN TO NEW CONSTRUCTION WITH SMOOTH TRANSITION. AD–01
13. THIS LOCATION – ADJUST LOUVER AND SPANDREL GLASS SIZE AS REQUIRED TO ALIGN WITH TOP OF ORIGINAL OPERABLE WINDOW MULLION.

ELEVATION LEGEND:

1" INSULATED SPANDREL PANEL

AD–01

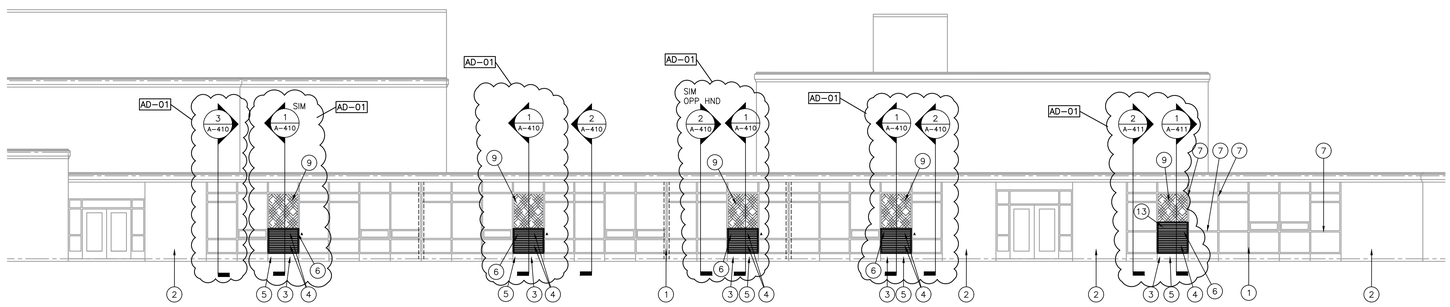
A = INTAKE & RELIEF LOUVER



EXTERIOR ELEVATION - 1

SCALE: 1/8" = 1'–0"

1
A–301



EXTERIOR ELEVATION - 2

SCALE: 1/8" = 1'–0"

2
A–301

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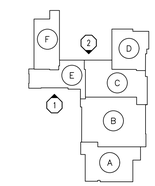
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



KEYPLAN
SCALE: NONE

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PROJECT 20–126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PCD
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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DRAWING
BUILDING ELEVATIONS

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LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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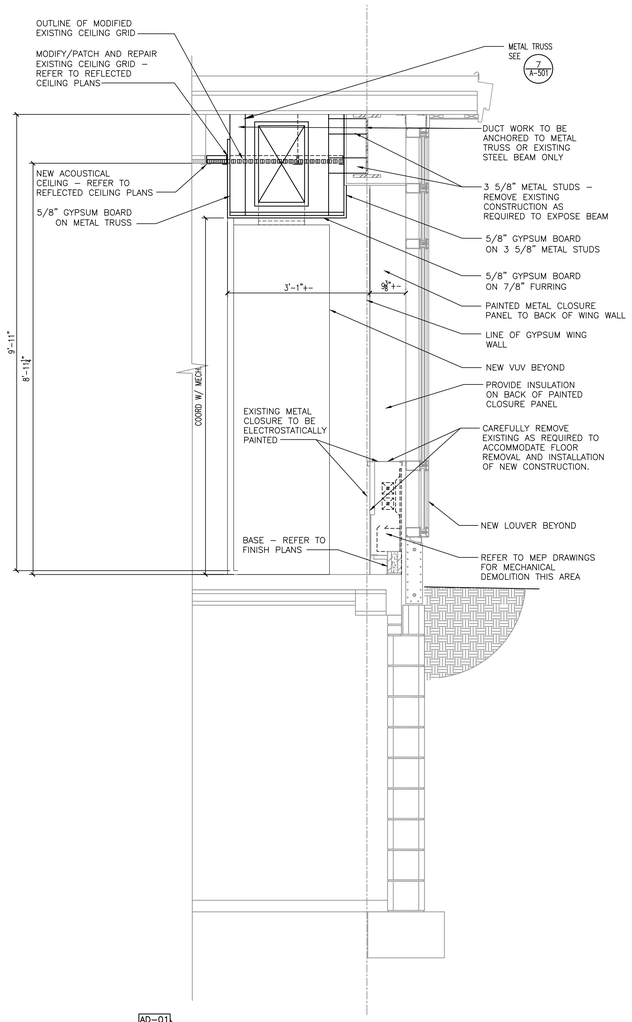

AD-01

WALL SECTION
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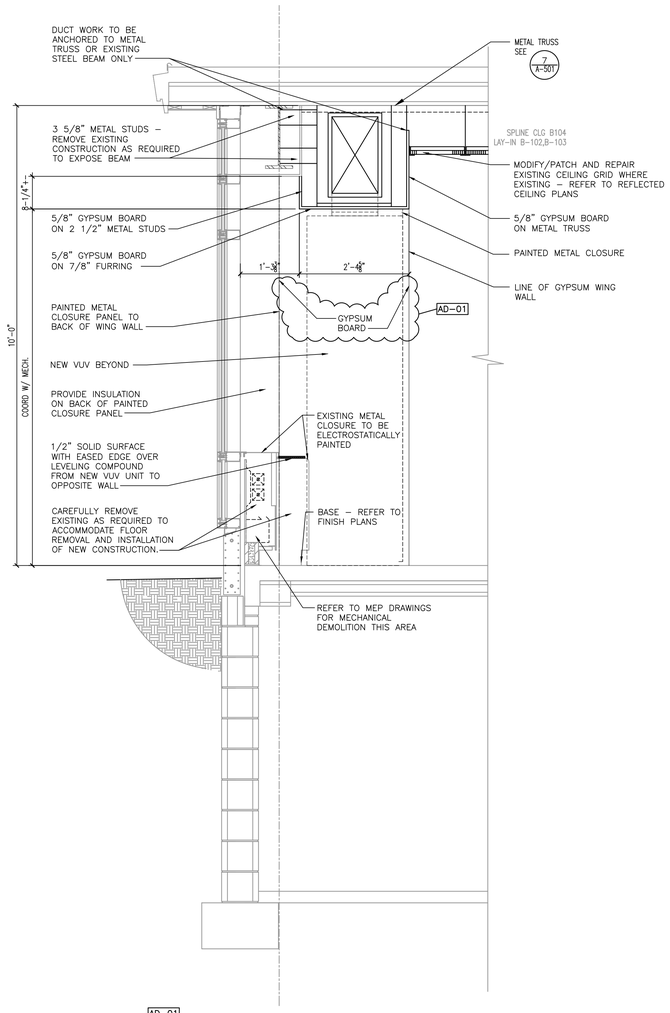
3 / A-410



AD-01

WALL SECTION
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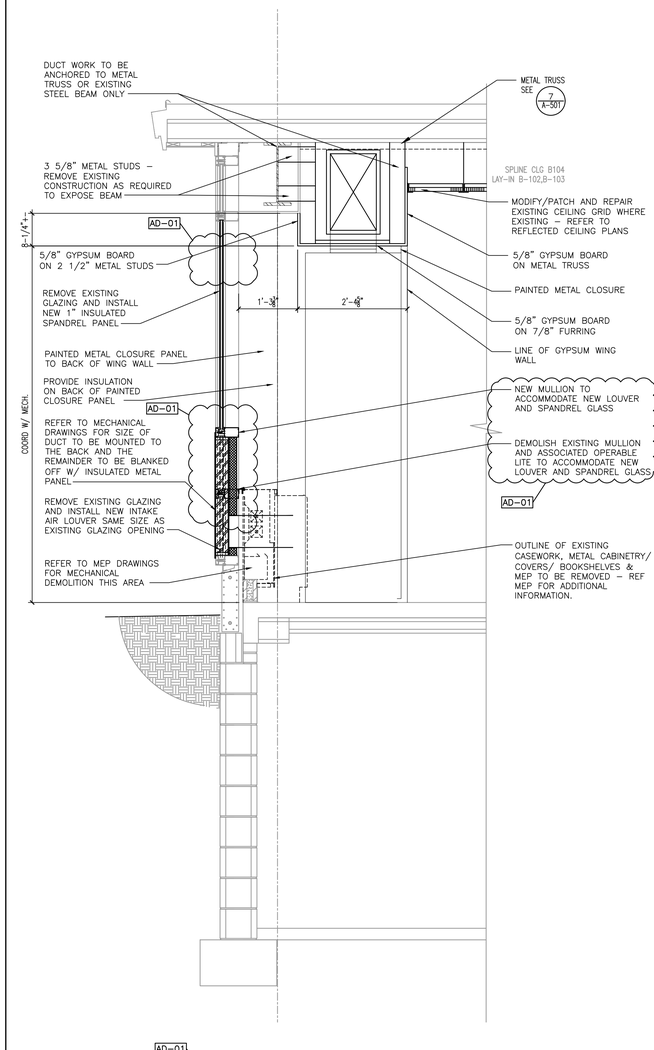
2 / A-410



AD-01

WALL SECTION
SCALE: 3/4" = 1'-0"

1 / A-410

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LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA

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DRAWING
WALL SECTIONS

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LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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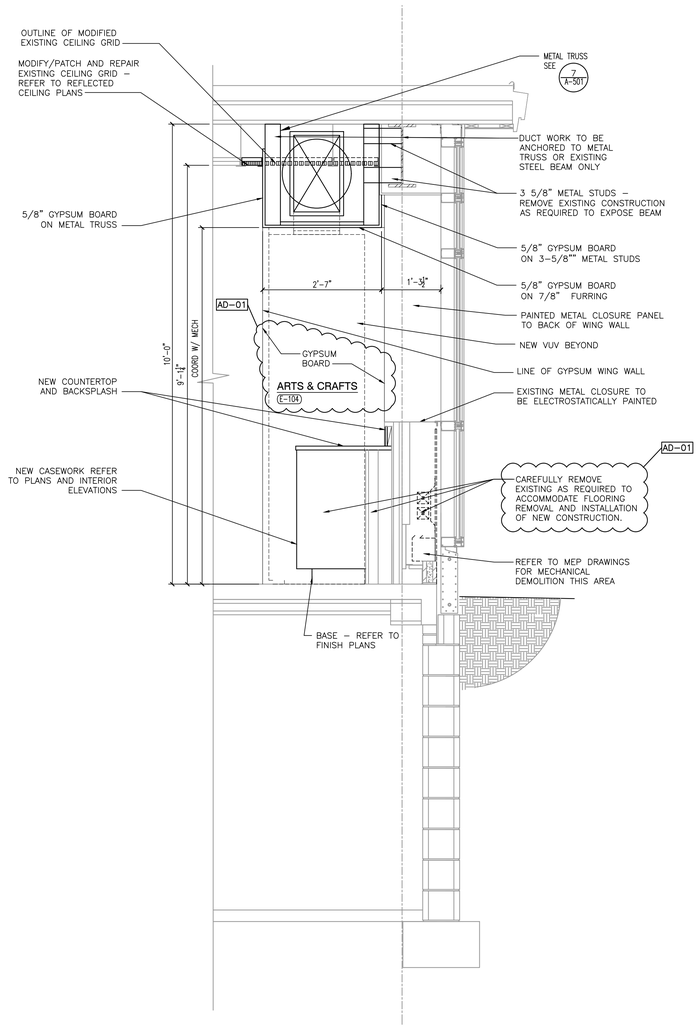

AD-01

WALL SECTION

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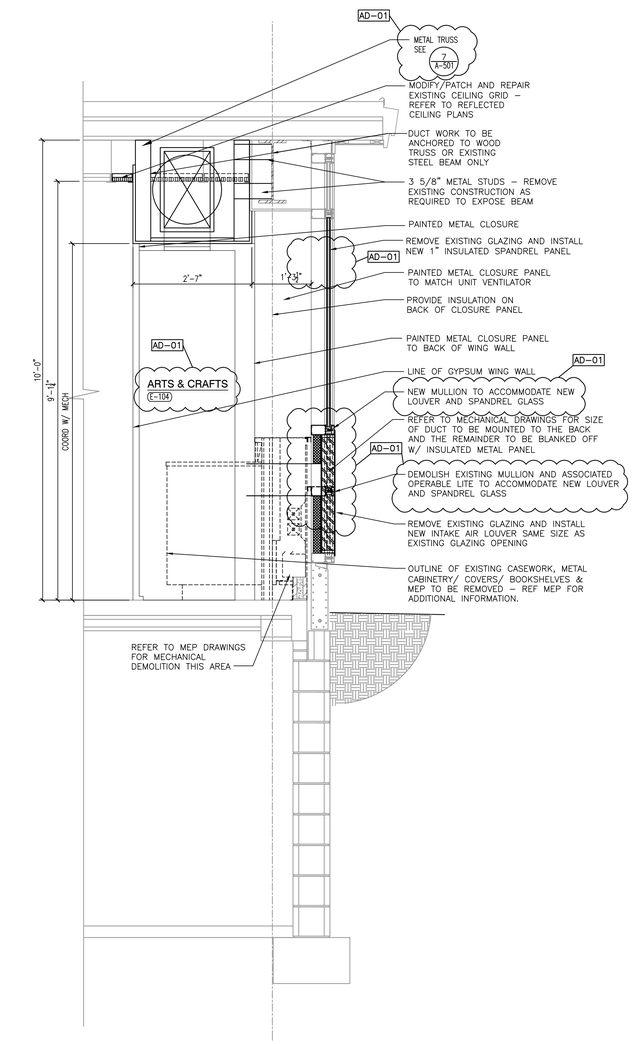
2 / A-411



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WALL SECTION

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WALL SECTIONS

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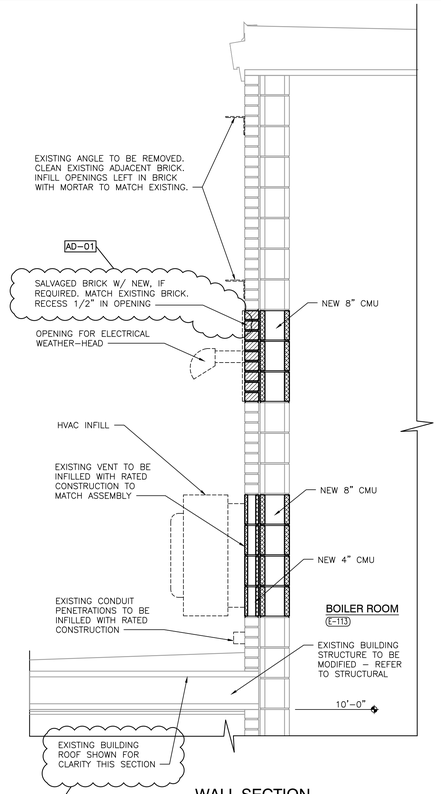

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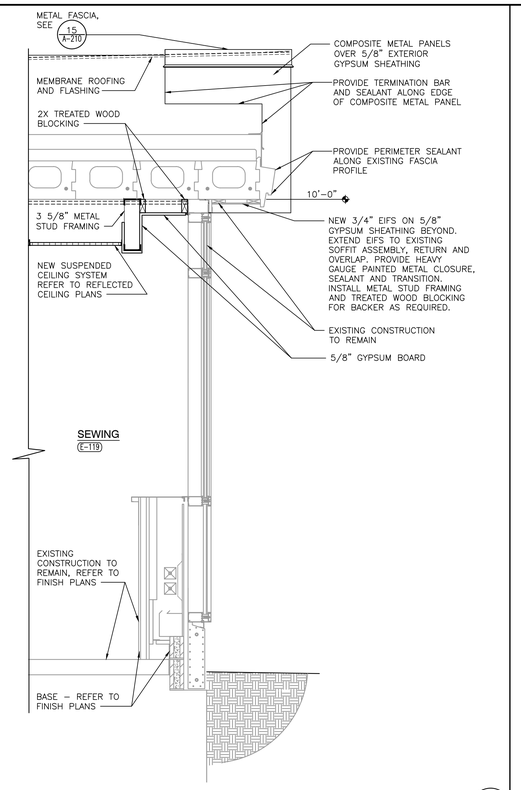
6 A-412



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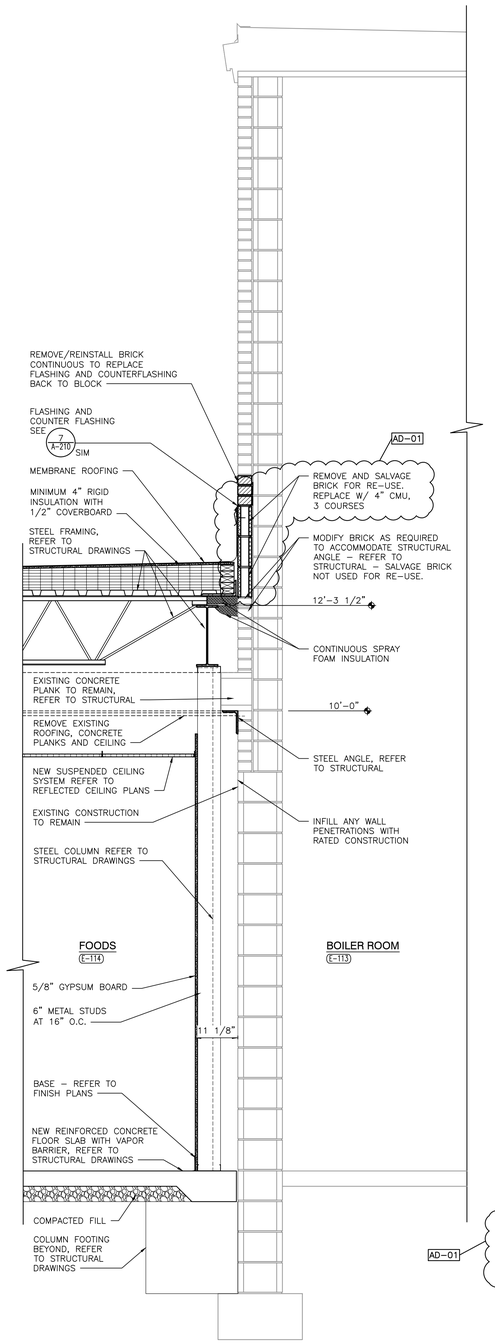
3 A-412



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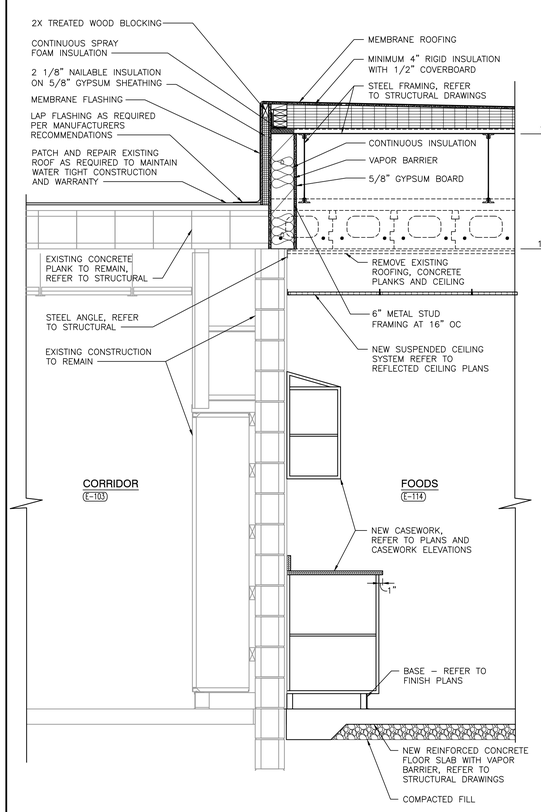

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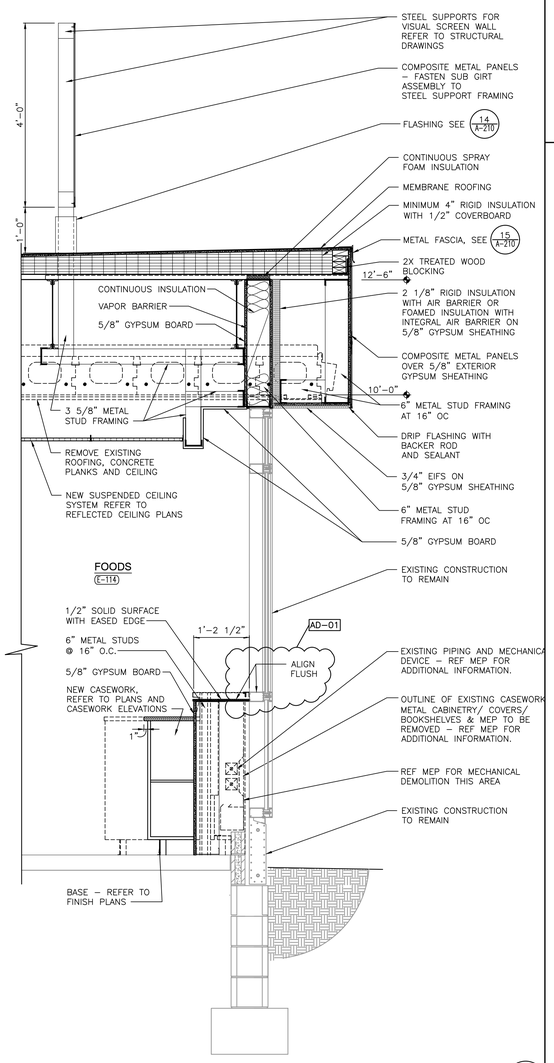

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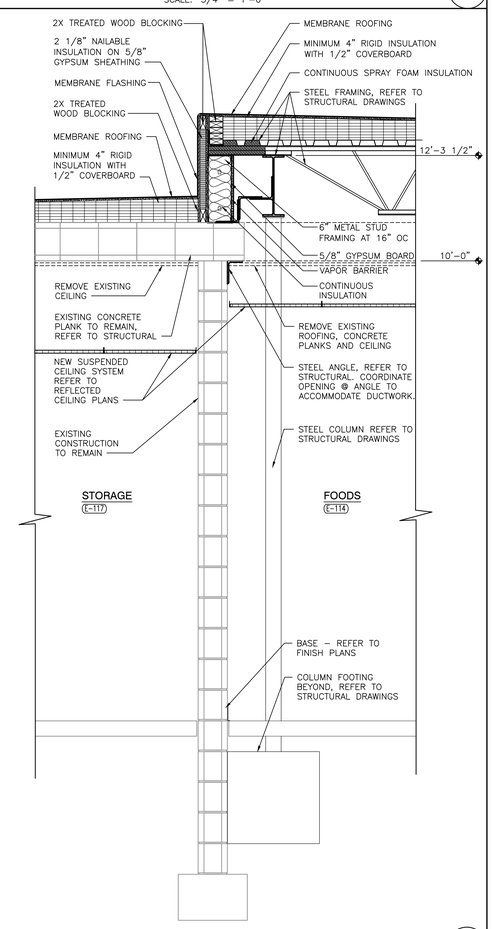
4 A-412



WALL SECTION
SCALE: 3/4" = 1'-0"
2 A-412

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UNION NORTH UNITED SCHOOL CORPORATION
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DRAWING
WALL SECTIONS - ALTERNATES

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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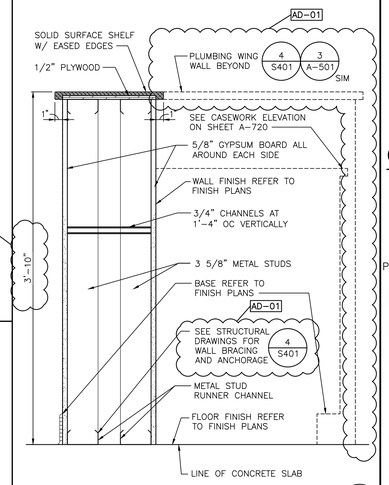
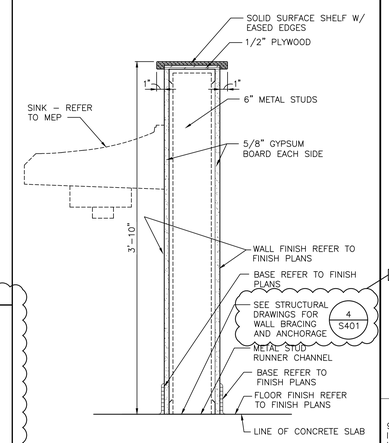


PLUMBING WALL AT CASEWORK

SCALE: 1 1/2" = 1'-0"

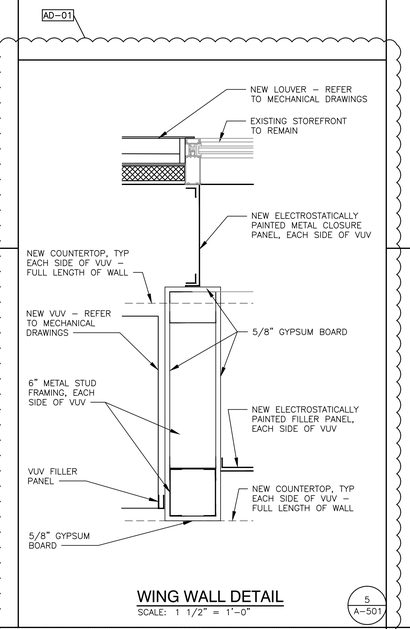
4 A-501



LOW WALL DETAIL

SCALE: 1 1/2" = 1'-0"

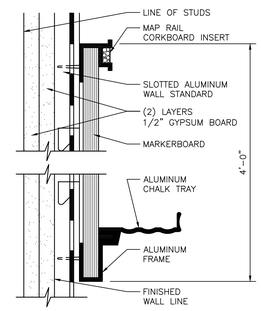
3 A-501



WING WALL DETAIL

SCALE: 1 1/2" = 1'-0"

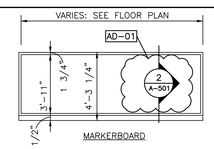
5 A-501



MARKERBOARD

SCALE: 3" = 1'-0"

2 A-501



ELEVATION

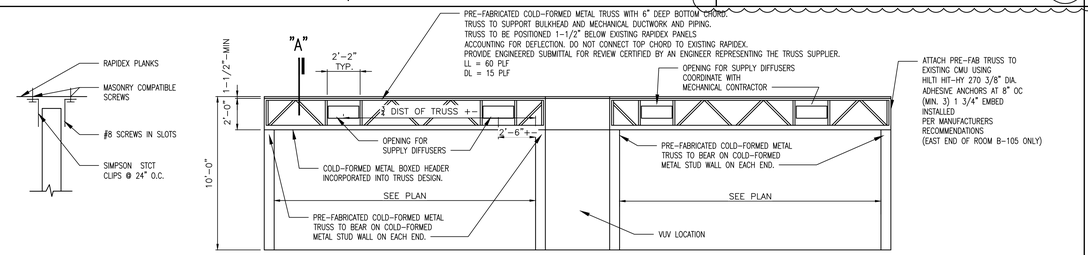
NOTES:

1. SEE FLOOR PLANS FOR LOCATION.
2. SEE FINISH PLANS FOR WALL FINISH
3. MOUNTING HEIGHT AS DIRECTED BY ARCHITECT

MARKERBOARDS AND CORKBOARDS

SCALE: 1/4" = 1'-0"

1 A-501



COLD-FORMED METAL TRUSS DETAILS

SCALE: 1/4" = 1'-0"

7 A-501

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PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS PCD
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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DRAWING
TYPICAL DETAILS

PROJECT
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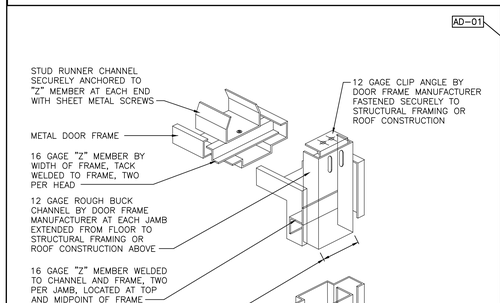
GLASS SCHEDULE	
MK	GLASS TYPES

LOUVER SCHEDULE	
MK	LOUVER SIZE

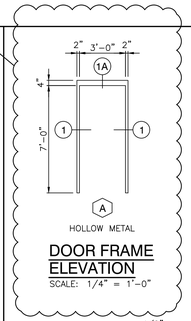
DOOR AND FRAME SCHEDULE

DOOR						GLASS			FRAME						LABEL	HARDWARE		NOTES
NO.	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	DOOR	SIDE LGT	TRA	MAT'L	WIDTH	JAMB	HEAD	SILL	ELEV		EXIT DEVICE	CLOSER	
E-117A	SINGLE	1	36 x 84	WOOD	--	–	–	–	HM	8 3/4"	1	1A	–	–	–	–	Y	1

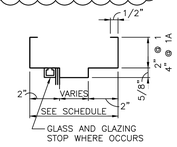
NOTES: 1. STAIN TO MATCH EXISTING DOORS.



TYPICAL HEAD & JAMB ANCHORAGE
SCALE: NTS
2 / A-601



DOOR FRAME ELEVATION
SCALE: 1/4" = 1'-0"



HOLLOW METAL FRAME PROFILE
SCALE: 3" = 1'-0"
1 / A-610

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UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA

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PROJECT
20-126
DATE
08/24/20
COORDINATED BY
TA
DRAWN BY
KS
CHECKED BY
TA

DALE J. WALCHER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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DRAWING
DOOR SCHEDULE, FRAME PROFILES, ELEVATIONS, AND DETAILS

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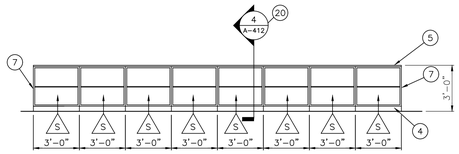
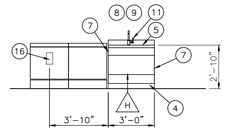
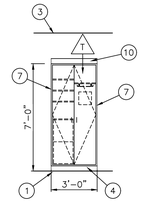


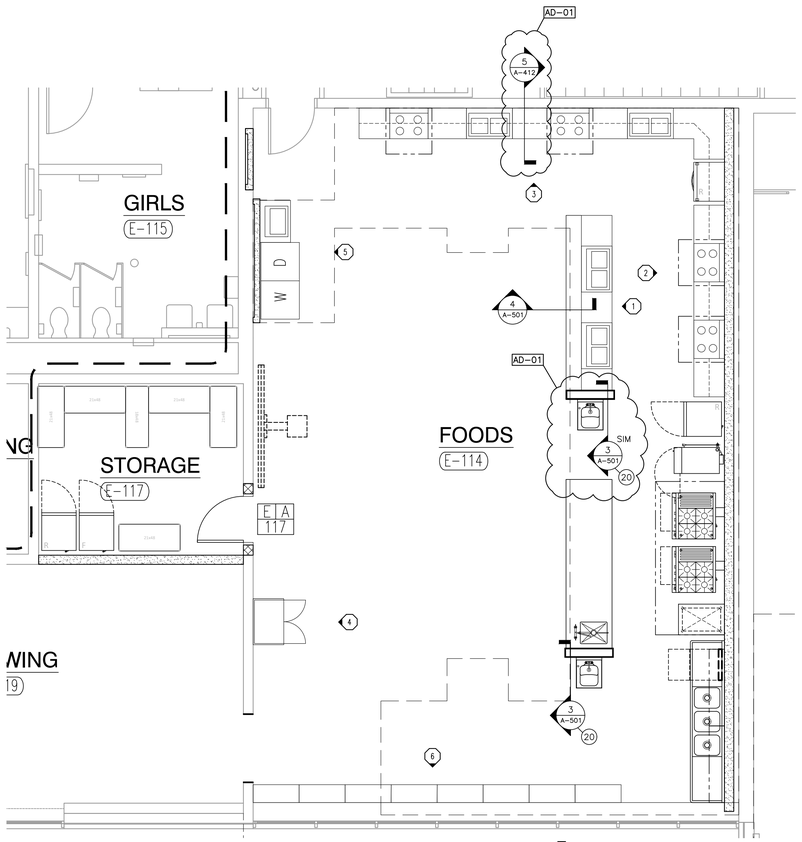
ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1 (6)



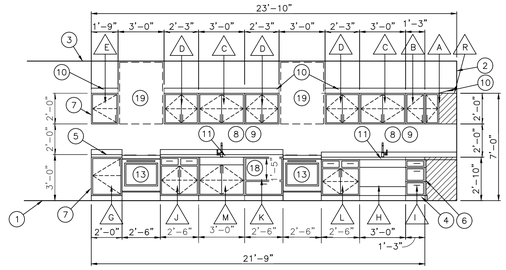
ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1
COUNTERTOP: PL2 (5)



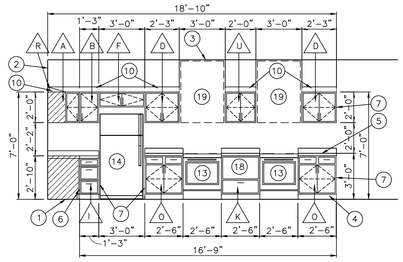
ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1 (4)



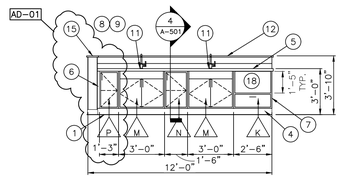
ENLARGED PLAN
SCALE: 1/4"=1'-0"
ROOM: E-114



ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1
COUNTERTOP: PL2 (3)



ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1
COUNTERTOP: PL2 (2)



ELEVATION
SCALE: 1/4"=1'-0"
ROOM: E-114
CABINETS: PL1
COUNTERTOP: PL2 (1)

PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
A	15211	25"	14"D X 25"H CORNER DIAGONAL WALL CABINET
B	16121	15"	14"D X 25"H 1 DOOR WALL CABINET
C	16129	36"	14"D X 25"H 2 DOOR WALL CABINET
D	16129	27"	14"D X 25"H 2 DOOR WALL CABINET
E	16121	21"	14"D X 25"H 1 DOOR WALL CABINET
F	16129	36"	14"D X 12"H 2 DOOR WALL CABINET
G	10120	24"	24"D X 35"H 1 DOOR BASE CABINET
H	10576	36"	24"D X 32"H ADA SINK BASE WITH ACCESS PANEL
I	10339	15"	24"D X 32"H 3 DRAWER BASE UNIT WITH 2 EQUAL DRAWERS
J	10432	30"	24"D X 35"H 2 DOOR 2 DRAWER BASE CABINET
K	10728	30"	24"D X 35"H MICROWAVE SHELF AND 1 DRAWER BASE CABINET
L	10432	30"	24"D X 32"H 2 DOOR 2 DRAWER BASE CABINET
M	10479	36"	24"D X 35"H 2 DOOR SINK BASE CABINET
N	10120	18"	24"D X 35"H 1 DOOR BASE CABINET
O	10432	30"	24"D X 35"H 2 DOOR 2 DRAWER BASE CABINET
P	10120	15"	24"D X 35"H 1 DOOR BASE CABINET
Q	NOT USED		NOT USED
R	16816	25"	14"D X 7"H SLOPE TOP COVER PANEL FOR DIAGONAL WALL CABINET
S	10101	36"	14"D X 35"H OPEN SHELVING UNIT
T	26607	36"	24"D X 84"H TWO DOOR LEFT SHELVING AND 2 LETTER FILE DRAWERS/RIGHT WARDROBE CABINET
U	16129	24"	14"D X 25"H 2 DOOR WALL CABINET

GENERAL NOTES

1. FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
2. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.
3. WHERE CASEWORK REQUIRES SHIMMING, ONLY APPROVED METAL SHIMS SHALL BE USED.
4. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
5. ALL BACKSPLASHES AND ENDSPLASHES SHALL BE 4" HIGH UNLESS OTHERWISE NOTED.
6. VERIFY ALL CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
7. 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES.
8. FIELD VERIFY ALL DIMENSIONS.
9. CASEWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
10. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY
11. ALL ADJOINING CABINETS SHALL BE ALIGNED.
12. ALL EXPOSED ENDS ARE TO BE FINISHED.
13. ALL CASEWORK DRAWERS AND DOORS TO BE LOCKING, KEY ALIKE PER ROOM.
14. CASEWORK TO HAVE SLOPED TOP AT ALL TALL AND WALL CABINETS UNLESS OTHERWISE NOTED.

KEY NOTES

1. LINE OF FINISHED FLOOR
2. WALL LINE
3. CEILING LINE
4. 4" TOE SPACE, B1, REFER TO FINISH LEGEND
5. 25"D PLASTIC LAMINATE COUNTERTOP WITH 3MM EDGE WITH BACK AND/OR ENDSPLASH AS REQUIRED
6. FILLER PANEL
7. FINISHED END
8. SOAP DISPENSER, BY OWNER, TYPICAL AT ALL SINKS
9. PAPER TOWEL DISPENSER, BY OWNER, TYPICAL AT ALL SINKS
10. SLOPED TOP
11. SINK, REFER TO PLUMBING
12. 14"D SOLID SURFACE TRANSACTION TOP, SSM3, REFER TO FINISH LEGEND
13. RANGE, BY OWNER
14. REFRIGERATOR, BY OWNER
15. 9 1/4"D SOLID SURFACE TRANSACTION TOP, SSM3, REFER TO FINISH LEGEND (AD-01)
16. RECESSED WASHER HOOK-UP, REFER TO PLUMBING AND ELECTRIC
17. NOT USED
18. MICROWAVE, BY OWNER
19. RANGE HOOD, REFERENCE KITCHEN DRAWINGS
20. SEE SECTION FOR ADDITIONAL SOLID SURFACE REQUIRED

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LAKEVILLE, INDIANA

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KS AEK
CHECKED BY TA

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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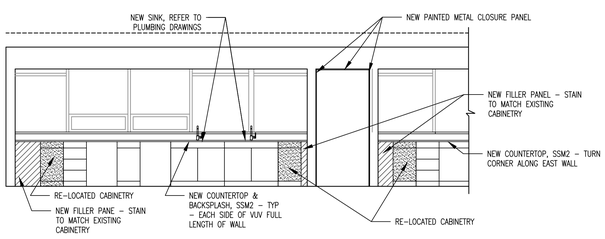
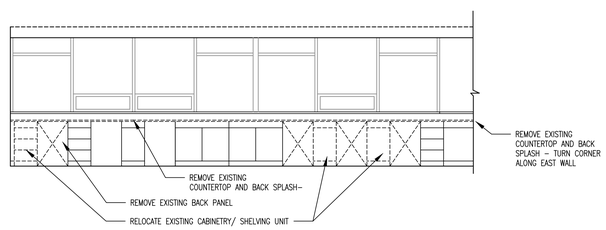


PROPOSED CASEWORK ELEVATION
SCALE: 1/4" = 1'-0"
ROOM: E-104

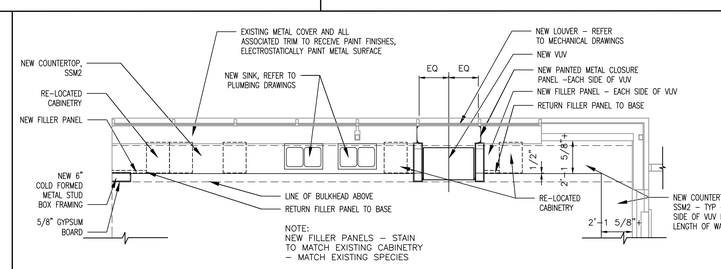
NOTE:
NEW TREATED WOOD BASE FOR RELOCATED EXISTING CABINETRY RE-USE OF EXISTING PERMITTED IF IN GOOD CONDITION

3 A-720



EXISTING CASEWORK DEMOLITION ELEVATION
SCALE: 1/4" = 1'-0"
ROOM: E-104

2 A-720



ENLARGED PARTIAL FLOOR PLAN
SCALE: 1/4" = 1'-0"
(NORTH WALL ART ROOM)

1 A-720

DRAWING
CASEWORK ELEVATIONS, ENLARGED PLAN, DETAIL

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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GENERAL SYMBOL LEGEND

1	EQUIPMENT ITEM NUMBER
K700	ENLARGED PLAN CALL OUT
1 / K700	EQUIPMENT ELEVATION CALL OUT
1 / K700	EQUIPMENT DETAIL CALL OUT
1 / K700	EQUIPMENT SECTION CALL OUT
E1	SPOT LOCATION CALL OUT

PLUMBING LEGEND

H	SINGLE HOT WATER CONNECTION
C	SINGLE COLD WATER CONNECTION
H C	DOUBLE HOT & COLD WATER CONNECTION
W	DIRECT WASTE CONNECTION
	INDIRECT FLOOR DRAIN
	INDIRECT 12"x12" FLOOR SINK
	INDIRECT 12"x12" FLOOR SINK WITH HALF GRATE
G	GAS CONNECTION
S	STEAM SUPPLY CONNECTION
R	STEAM RETURN CONNECTION
A	COMPRESSED AIR CONNECTION
	REFER TO ELECTRICAL/PLUMBING SCHEDULES FOR MORE INFORMATION ON THIS EQUIPMENT

ELECTRICAL LEGEND

	DEDICATED ELECTRICAL CONNECTION
	DEDICATED ELECTRICAL CONNECTION (DFA)
	DEDICATED ELECTRICAL CONNECTION (STUB)
	DUPLEX CONVENIENCE OUTLET
	SPECIAL PURPOSE CONVENIENCE OUTLET
F	FIRE SUPPRESSION SYSTEM PULL STATION
J	JUNCTION BOX LOCATED ON EQUIPMENT
D	DISCONNECT SWITCH LOCATED ON EQUIPMENT
T	DEFROST TIME CLOCK LOCATED ON EQUIPMENT
	EQUIPMENT MOUNTED RECEPTACLE
D	TELEPHONE/DATA CONNECTION
	REFER TO ELECTRICAL/PLUMBING SCHEDULES FOR MORE INFORMATION ON THIS EQUIPMENT

NOTE CALLOUT LEGEND

A	EQUIPMENT REQUIRING WATER FILTRATION
B	STAINLESS STEEL UTILITY CHASE
C	FIRE SUPPRESSION SYSTEM CABINET
D	WALK-IN COOLER/FREEZER COMPRESSOR

DRAWING SHEET INDEX

SHEET	DRAWING NAME
K100	FOODSERVICE EQUIPMENT GENERAL NOTES & SCHEDULE
K101	FOODSERVICE EQUIPMENT SCHEMATIC LAYOUT
K300	FOODSERVICE EQUIPMENT SPOT LOCATION LAYOUT AND SCHEDULE
K500	EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE
K501	EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE
K502	EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE
K503	EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE

ABBREVIATION LEGEND

AFF	ABOVE FINISHED FLOOR
AGA	AMERICAN GAS ASSOCIATION
AMPS	AMPERAGE
ARCH	ARCHITECTURAL
BLDG	BUILDING
BTU	BRITISH THERMAL UNIT
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CONN	CONNECTION
CONST	CONSTRUCTION
CW	COLD WATER
DCO	DUPLEX CONVENIENCE OUTLET
DFA	DROP FROM ABOVE
DIM	DIMENSION
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ED	ELECTRICAL DIVISION
ELEC	ELECTRIC, ELECTRICAL
EXIST	EXISTING
FLR DRN	FLOOR DRAIN
FLR SINK	FLOOR SINK
FLR TRGH	FLOOR TROUGH
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GD	GENERAL DIVISION
GPH	GALLONS PER HOUR
HP	HORSEPOWER
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
KEC	KITCHEN EQUIPMENT CONTRACTOR
KW	KILOWATT
MAX	MAXIMUM
MBTU	1,000 BTU'S
MC	MECHANICAL CONTRACTOR
MD	MECHANICAL DIVISION
MECH	MECHANICAL
MFG	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
PC	PLUMBING CONTRACTOR
PD	PLUMBING DIVISION
PH	PHASE
PSI	POUNDS PER SQUARE INCH
R	RADIUS
ST STL	STAINLESS STEEL
SHT	SHEET
S/S	STAINLESS STEEL
STD	STANDARD
STUB	STUB UP FROM FLOOR
TYP	TYPICAL
V	VOLTAGE
VOLT	VOLTAGE

GENERAL DRAWING SET NOTES

1. THESE DRAWINGS HAVE BEEN PRODUCED USING A GENERAL ARRANGEMENT OF EQUIPMENT FROM ONLY THE INFORMATION THAT WAS MADE AVAILABLE. THESE DRAWINGS ARE INFORMATIONAL BY NATURE FOR BIDDING PURPOSES ONLY AND ARE NOT TO BE USED IN ANY WAY FOR CONSTRUCTION. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF MEASUREMENTS TAKEN FROM THESE DRAWINGS. FABRICATORS, CONTRACTORS AND OTHER PARTIES UTILIZING THESE PLANS, IN CONNECTION WITH THIS JOB, ARE RESPONSIBLE FOR SECURING THEIR OWN MEASUREMENTS.
2. THE KITCHEN EQUIPMENT CONTRACTOR IS RESPONSIBLE TO REVIEW THE PLANS FOR ACCURACY AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE FABRICATION OF ANY EQUIPMENT. VERIFY ALL EQUIPMENT CLEARANCES THRU BUILDING DOORS, HALLWAYS OR ENTRY POINTS AS NOT ALL EQUIPMENT WILL FIT THRU STANDARD OPENINGS. THE KITCHEN EQUIPMENT CONTRACTOR IS TO NOTIFY REITANO DESIGN GROUP OF ANY ERRORS, OMISSIONS, AMBIGUITIES, DISCREPANCIES OR IRREGULARITIES PRIOR TO START OF CONSTRUCTION.
3. THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS MUST BE CONSIDERED A COMPLETE BODY OF WORK. ALL WORK IS TO BE COMPLETED IN A CRAFTSMAN LIKE MANNER AND CONFORM TO ALL APPLICABLE BUILDING AND SAFETY CODES. ANY WORK CALLED FOR IN THE DRAWINGS OR SPECIFICATIONS, INCLUDING ANY WORK THAT CAN REASONABLY BE CONSIDERED A PART OF INSTALLATION AND NECESSARY TO COMPLETE THE PROJECT, SHALL BE INCLUDED.
4. ANY DISCREPANCIES BETWEEN THESE DRAWINGS, BUILDING AND LOCAL CODE REQUIREMENTS THAT MAY AFFECT INSTALLATION, FABRICATION AND/OR OVERALL WORK IN ANY WAY SHALL BE BROUGHT TO THE ATTENTION OF REITANO DESIGN GROUP. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS OR CHANGES MADE NECESSARY IN EQUIPMENT SHOWN ON THESE DRAWINGS.
5. THESE DRAWINGS REFER TO WORK TO BE PERFORMED BY OTHER TRADES NOT INTENDED TO BE PART OF THE KITCHEN EQUIPMENT CONTRACTOR'S SCOPE OF WORK. THESE TRADES ARE REFERENCED USING THE GENERALLY ACCEPTED TITLES FOUND IN THE ABBREVIATION LEGEND. IT IS NOT THE INTENT OF THESE TITLES TO ASSIGN WORK, BUT RATHER TO CLARIFY COORDINATION BETWEEN THE KITCHEN EQUIPMENT CONTRACTOR AND OTHER TRADES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL NOTES ON THESE DRAWINGS AND TRANSMITTING THE REQUIRED INFORMATION TO THE RESPECTIVE SUBCONTRACTORS.
6. THE BASIS OF DESIGN FOR ALL DRAWINGS, SPECIFICATIONS, AND DETAIL REFERENCES IS THE FIRST MANUFACTURER AND MODEL LISTED. IF ANOTHER LISTED MANUFACTURER IS CHOSEN BY THE KITCHEN EQUIPMENT CONTRACTOR, IT IS THE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE A MODEL THAT IS EQUAL IN PRODUCTION CAPABILITIES, CAPACITY, AND PERFORMANCE TO THE FIRST MANUFACTURER AND MODEL LISTED. THE KITCHEN EQUIPMENT CONTRACTOR IS ALSO TO VERIFY, COORDINATE, AND ALLOW FOR PROPER INSTALLATION OF EQUIPMENT; TAKING INTO ACCOUNT POSSIBLE REVISIONS FOR UTILITY CONNECTIONS, LOADS, AND PHYSICAL SIZES. IN THE EVENT THERE ARE ANY UP CHARGES OR CHANGE ORDERS BY OTHER TRADES AS A RESULT OF THE KITCHEN EQUIPMENT CONTRACTOR SUBMITTING ANOTHER LISTED MANUFACTURER, THOSE CHARGES SHALL BE THE SOLE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR
7. THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF REITANO DESIGN GROUP, 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 REITANO DESIGN GROUP. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

GENERAL ENVIRONMENTAL NOTES

1. CONTRACTOR TO PROVIDE SMOOTH AND LEVEL FLOORS BELOW ALL KITCHEN EQUIPMENT UNLESS THESE DRAWINGS SHOW OTHERWISE. FLOORS SHALL BE IMPERVIOUS TO WATER, GREASE, AND ACID AND OF EASILY CLEANABLE CONSTRUCTION. FLOORS IN ALL AREAS WHERE FOOD IS PREPARED, PACKAGED OR STORED OR WHERE REFUSE OR GARBAGE IS STORED, JANITORIAL FACILITIES AND IN ALL TOILET AND HAND WASHING AREAS, SHALL BE AN APPROVED TYPE THAT CONTINUES UP THE WALL 6" WITH A MINIMUM 3/8" RADIUS COVE BASE.
2. CONTRACTOR TO PROVIDE SMOOTH AND NON-ABSORBENT WALLS IN ALL FOOD PREPARATION AND DISHWASHING AREAS. WALLS TO BE PROVIDED WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS ENAMEL. ALL WALLS WITHIN A.G.A. CLEARANCE REQUIREMENTS FOR COOKING EQUIPMENT SHALL BE CONSTRUCTED OF HEAT PROOF, NON-COMBUSTIBLE MATERIALS. GENERAL CONTRACTOR TO VERIFY CONSTRUCTION PER LOCAL CODES.
3. CONTRACTOR TO PROVIDE SMOOTH AND NON-ABSORBENT CEILINGS IN IN ALL FOOD PREPARATION AND DISHWASHING AREAS. CEILINGS TO BE PROVIDED WITH A LIGHT COLORED, EASILY CLEANABLE FINISH. ALL PAINTED SURFACES SHALL BE SEALED WITH A GLOSS OR SEMI-GLOSS FINISH.
4. IN EVERY ROOM AND AREA WHICH FOOD IS PREPARED, MANUFACTURED, PROCESSED OR PACKAGED, OR IN WHICH UTENSILS ARE CLEANED, LIGHTING SHALL BE PROVIDED TO PRODUCE AN INTENSITY OF NOT LESS THAN 70 FOOTCANDLES AS MEASURED THIRTY INCHES (30") ABOVE THE FLOOR. FOOD AND UTENSIL STORAGE ROOMS, REFRIGERATION STORAGE, TOILET AND DRESSING ROOMS SHALL BE PROVIDED WITH AT LEAST 20 FOOTCANDLES OF LIGHT. LIGHT FIXTURES IN AREAS WHERE FOOD IS PREPARED, OR WHERE OPEN FOOD IS STORED, OR WHERE UTENSILS ARE CLEANED, SHALL BE OF SHATTERPROOF CONSTRUCTION OR SHALL BE PROTECTED WITH SHATTERPROOF SHIELDS AND SHALL BE READILY CLEANABLE.
5. ALL DELIVERY DOORS LEADING TO THE OUTSIDE SHALL OPEN OUTWARD, BE SELF CLOSING, AND SHALL BE PROVIDED WITH AN OVERHEAD AIR CURTAIN. AIR CURTAIN SHALL PRODUCE A DOWNWARD AND OUTWARD AIRFLOW NOT LESS THAN 3" THICK AT THE NOZZLE WITH AN AIR VELOCITY OF NOT LESS THAN 1600 FPM ACROSS ENTIRE OPENING.
6. TOILET FACILITIES SHALL BE PROVIDED WITHIN EACH FOOD ESTABLISHMENT CONVENIENT FOR THE EMPLOYEES. ALL TOILET ROOMS SHALL BE PROVIDED WITH MECHANICAL VENTILATION APPROVED BY THE HEALTH DEPARTMENT. A ROOM OR ENCLOSURE AT LEAST 5'X5', SEPARATED FROM TOILETS, FOOD STORAGE OR FOOD PREP AREAS SHALL BE PROVIDED WHERE EMPLOYEES MAY CHANGE AND STORE THEIR CLOTHES AND PERSONAL BELONGINGS.
7. LAVATORY SINKS SHALL BE PROVIDED IN ALL FOOD PREPARATION AND DISHWASHING AREAS. SOAP AND SANITARY TOWELS SHALL BE PROVIDED IN SINGLE SERVICE, PERMANENTLY INSTALLED, DISPENSERS AT THE LAVATORY SINKS.
8. CONTRACTOR TO BE RESPONSIBLE FOR ADA CLEARANCE REQUIREMENTS FOR ALL SPACES, DOOR STRIKES, EXITS, AND AISLE WAYS AS THEY PERTAIN TO CODE ENFORCEMENT AND INTERPRETATION.
9. ALL WORK SHALL CONFORM TO LOCAL BUILDING, SAFETY, FIRE, AND HEALTH REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LICENSES AND BUILDING REQUIREMENTS, PAYING FEES, AND PASSING INSPECTION. IT IS HIS RESPONSIBILITY TO VERIFY ALL NECESSARY CODES AND REQUIREMENTS PRIOR TO IMPLEMENTATION.
10. ALL PUBLIC USE AREAS ARE TO BE PROVIDED WITH HEATED AND REFRIGERATED CONDITIONING DESIGNED TO PROVIDE A POSITIVE PRESSURE AT OUTSIDE DOORS. (PROVIDED AND INSTALLED BY HVAC CONTRACTOR.)
11. INTENDED ENVIRONMENT FOR REFRIGERATED GLASS FRONT & OPEN FRONT DISPLAY CASES TO BE 75°F/55% RELATIVE HUMIDITY.

GENERAL EQUIPMENT NOTES

1. EQUIPMENT WHICH IS FIXED AND WHERE IT ABUTTS OTHER FIXED EQUIPMENT, BUILDING WALLS OR FLOOR SHALL BE SEALED THERETO WITH SILICONE. GAPS BETWEEN EQUIPMENT EXCEEDING 1/8" IN WIDTH MUST BE TRIMMED OUT WITH STAINLESS STEEL ANGLED TRIM OR MATCHING MATERIAL TRIM PRIOR TO BEING SEALED.
2. HOT WATER SUPPLY TO ALL FOOD PREPARATION AND THREE COMPARTMENT SINKS SHALL BE 120 DEGREES MINIMUM.
3. ALL COUNTERS ARE TO BE FABRICATED PROPERLY TO SUPPORT THE SPECIFIED COUNTER TOP MATERIAL IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES. ALL "DROP-IN" EQUIPMENT AND OTHER EQUIPMENT "ATTACHED TO", "SET ON" OR "BUILT-IN" TO THE COUNTER TOP MATERIAL TO BE INSTALLED IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S GUIDELINES AND TECHNICAL BULLETINS FOR THE INSTALLATION OF COMMERCIAL FOOD SERVICE EQUIPMENT.
4. ALL FOOD SERVICE EQUIPMENT SHALL BE MANUFACTURED, FABRICATED, FURNISHED & INSTALLED IN STRICT ACCORDANCE WITH, AND BEAR THE EMBLEM OF, THE NATIONAL SANITATION FOUNDATION (NSF) AS WELL AS ANY FEDERAL, STATE & LOCAL CODE REQUIREMENTS.
5. ALL REFRIGERATION EQUIPMENT SHALL HAVE A THERMOMETER WHICH IS EASILY READABLE IN PROPER WORKING CONDITION.

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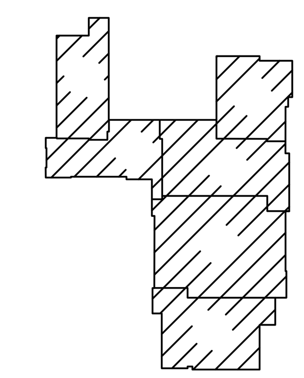
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



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DRAWING
FOOD SERVICE EQUIP. GENERAL NOTES

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LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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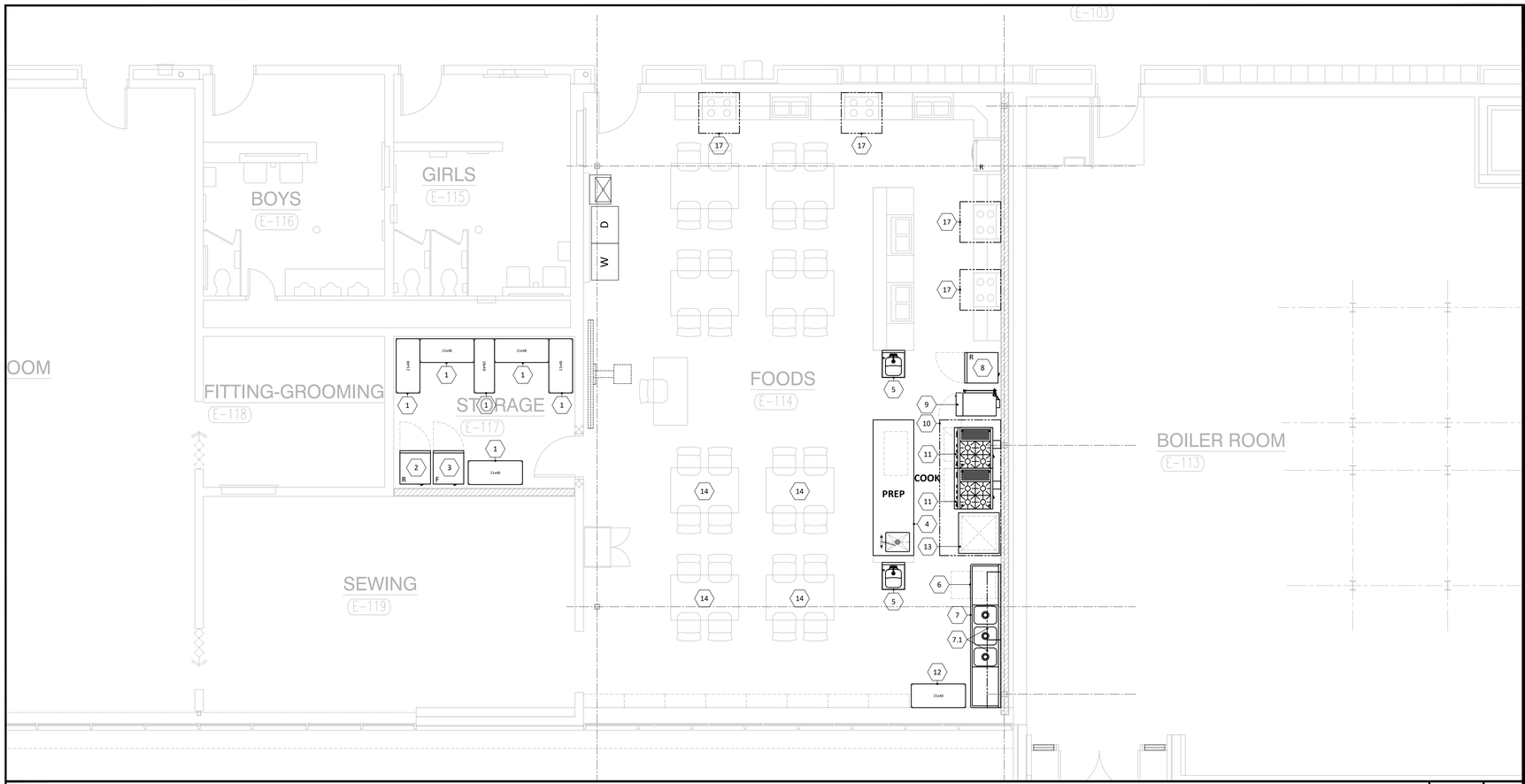
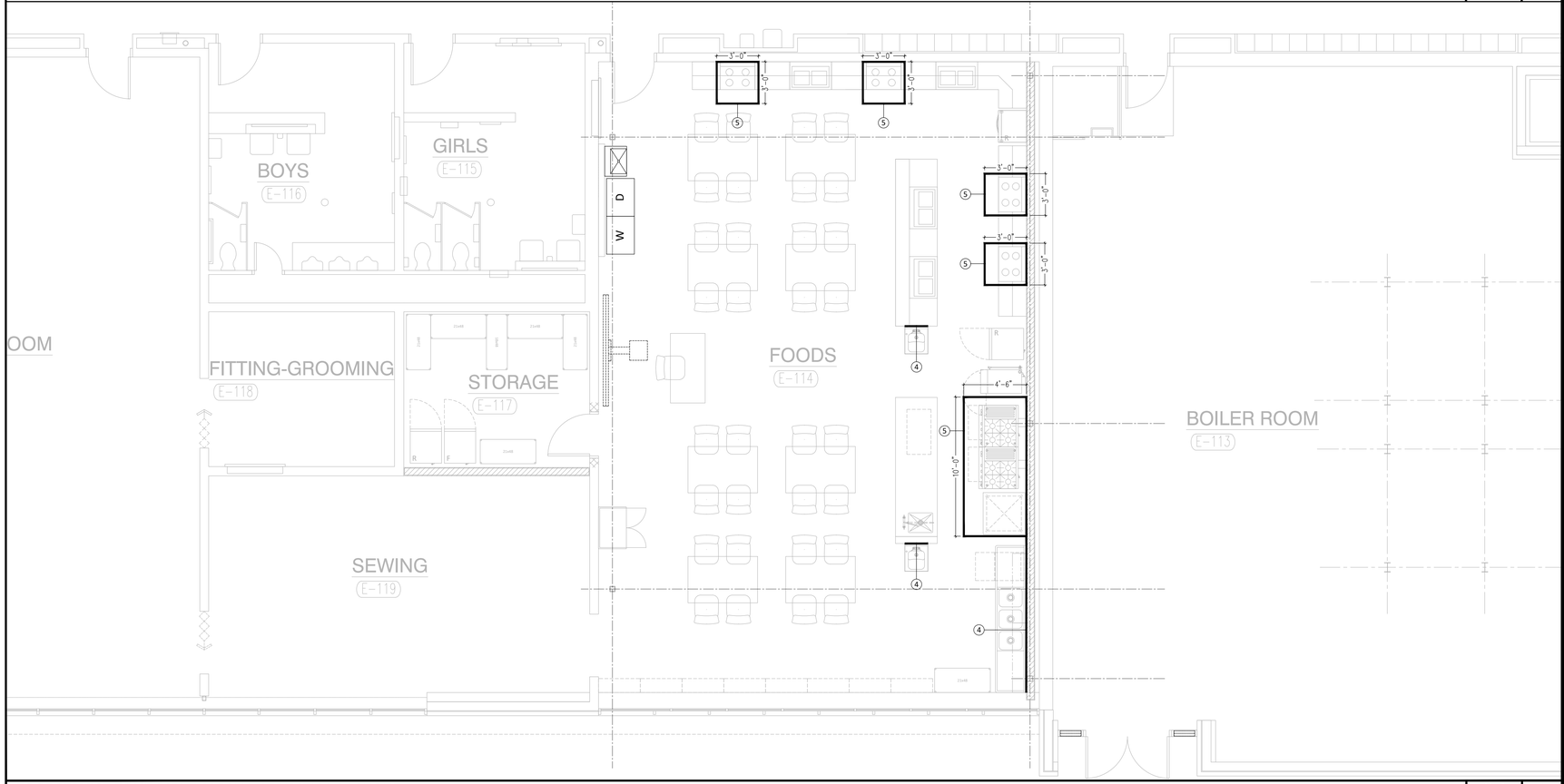


FOODSERVICE EQUIPMENT SCHEMATIC LAYOUT

SCALE 1/4" = 1'-0" | A



FOODSERVICE EQUIPMENT SPECIAL CONDITIONS LAYOUT

SCALE 1/4" = 1'-0" | A

EQUIPMENT SCHEDULE

ITEM	QTY	ITEM DESCRIPTION	MANUFACTURER	MODEL
1	LOT	DRY STORAGE SHELVING	ADVANCE TABCO	EC-2448-X
2	1	SINGLE DOOR REACH-IN REFRIGERATOR	TRUE	T-23-HC
3	1	SINGLE DOOR REACH-IN FREEZER	TRUE	T-23F-HC
4	1	WORK TABLE	ADVANCE TABCO	CB-SS-3610M
5	2	WALL MOUNTED HAND SINK	ADVANCE TABCO	7-PS-25
6	1	UNDERCOUNTER DISHWASHER	MEIKO	FV 40.2
7	1	THREE COMPARTMENT SINK	TABCO	93-3-54-36RL
7.1	2	WALL MOUNTED SHELF	TABCO	WS-12-60-16
8	1	SINGLE DOOR REACH-IN REFRIGERATOR	TRUE	T-23-HC
9	1	COMBI OVEN	ALTO-SHAAM	CTX4-10EVH
10	1	EXHAUST VENTILATION SYSTEM	ACCUREX	CUSTOM
11	2	RANGE	VULCAN	S36A-1G
12	1	KITCHEN SHELVING	ADVANCE TABCO	EG-2448-X
13	1	PREP TABLE	ADVANCE TABCO	KMS-363
14	4	STAINLESS TABLE	ADVANCE TABCO	TMS-365
15		SPARE NUMBER		
16		SPARE NUMBER		
17	4	DOMESTIC HOOD	ACCUREX	XXRS-36

* - ITEM OR QUANTITY NOT SHOWN

SPECIAL CONDITIONS LAYOUT NOTES

KITCHEN EQUIPMENT CONTRACTOR:

1. NOT IN USE.
2. NOT IN USE.

GENERAL DIVISION:

3. NOT IN USE.
4. PROPERLY REINFORCE ALL WALLS AND/OR CEILINGS TO SUPPORT ALL WALL AND/OR CEILING SUPPORTED EQUIPMENT. ALL WALL BLOCKING TO BE MINIMUM 3/4" MARINE GRADE PLYWOOD. WALL BLOCKING LENGTHS SHOWN ARE MINIMUM AND WALL BLOCKING SHALL ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION.
5. PROVIDE BOX OUT IN CEILING GRID LAYOUT FOR EXHAUST SYSTEM HOODS AS SHOWN. (REFER TO EXHAUST VENTILATION SYSTEM DRAWINGS FOR MORE INFORMATION)

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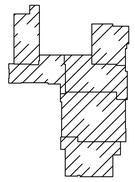
LAKEVILLE, INDIANA



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FOODSERVICE EQUIP. LAYOUT & SCHEDULE

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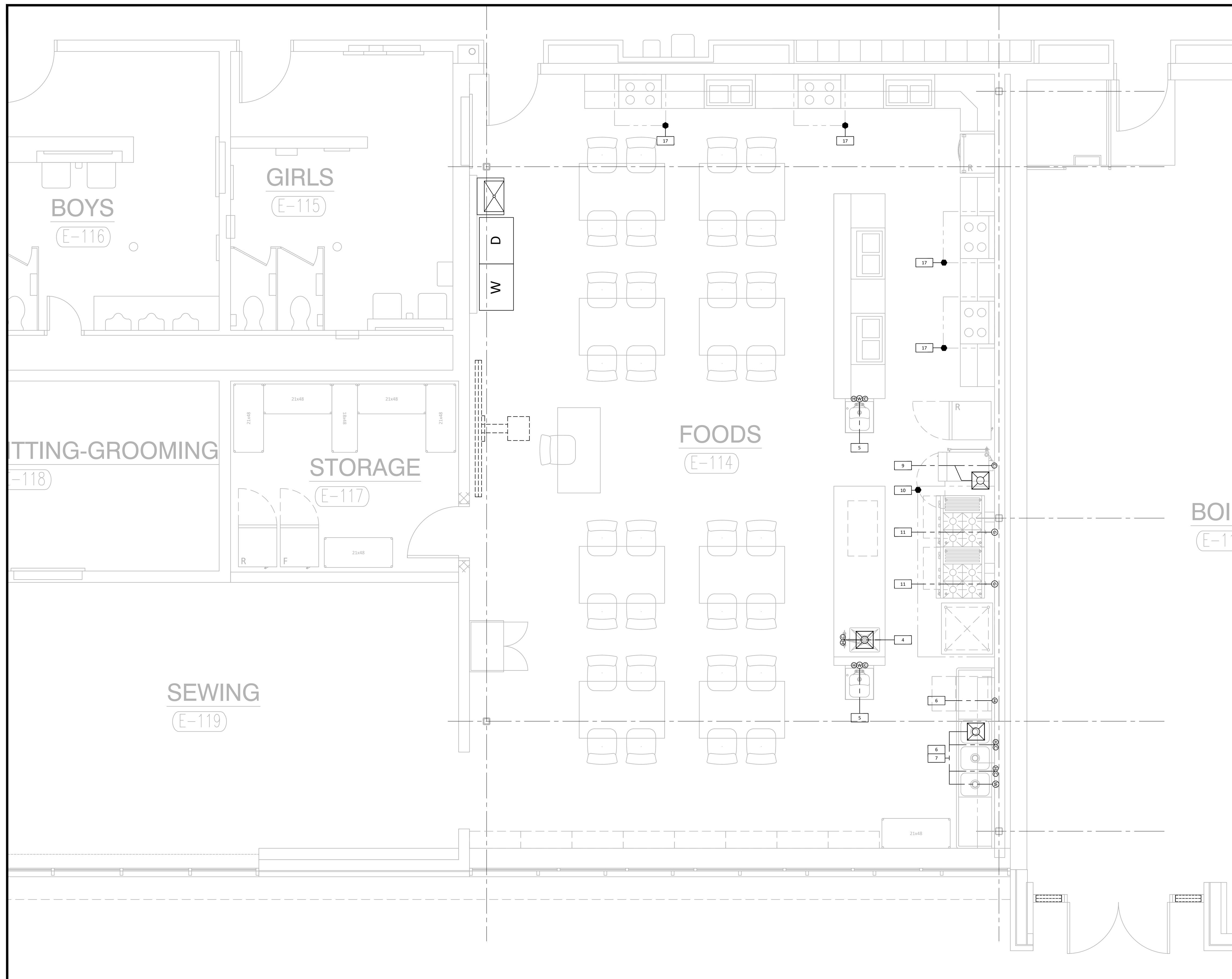
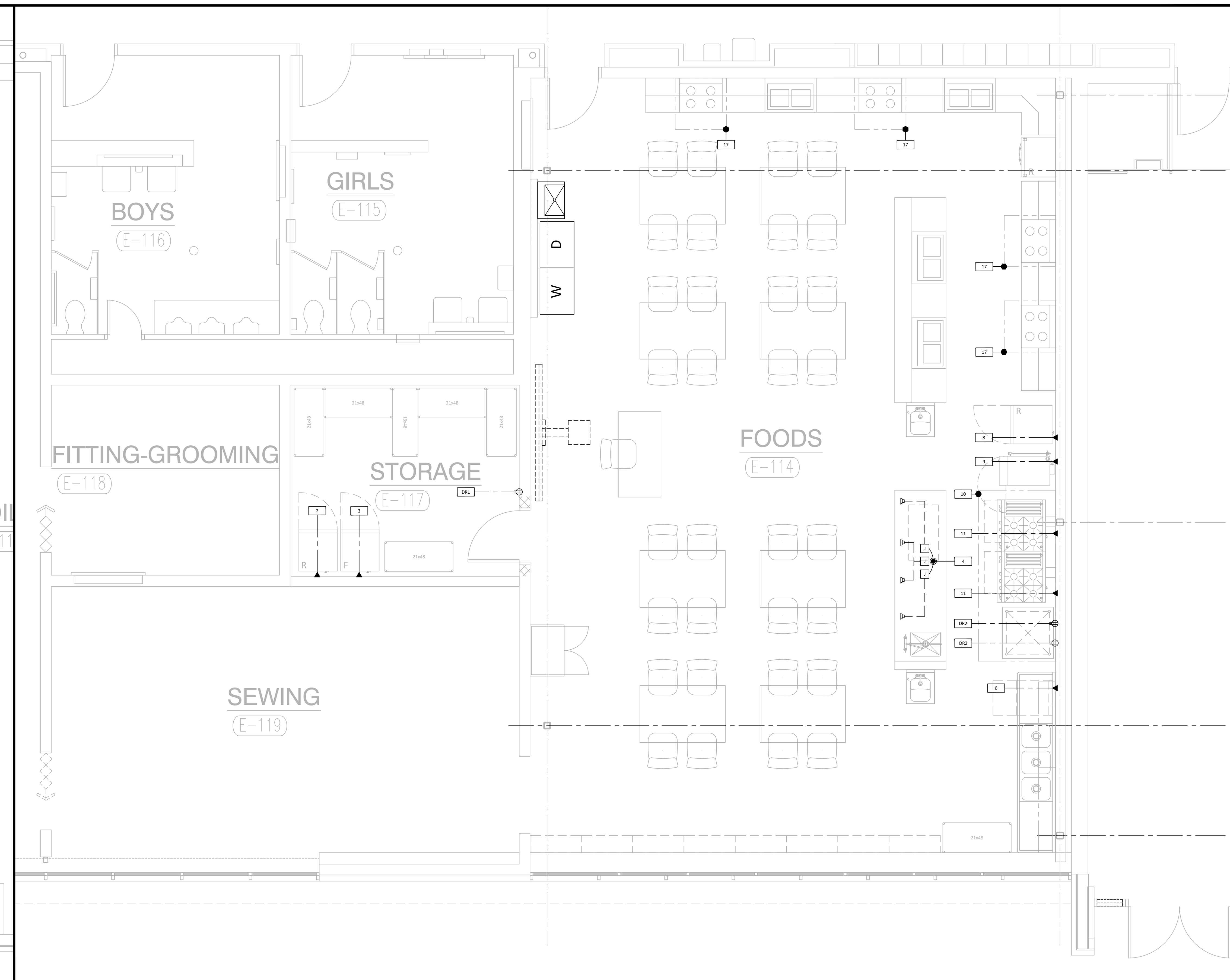
HIGH SCHOOL\DRAWINGS\
CAD\GF-2020-039-PLAN.DWG



FOODSERVICE EQUIPMENT PLUMBING SPOT LOCATION LAYOUT | SCALE 1/4" = 1'-0" | A



FOODSERVICE EQUIPMENT ELECTRICAL SPOT LOCATION LAYOUT | SCALE 1/4" = 1'-0" | B

PLUMBING NOTES

1. FOODSERVICE SPOT LOCATION SCHEDULES & DRAWINGS ARE FOR REFERENCE AND BIDDING PURPOSES, TO BE USED ONLY AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS AND ARE NOT APPROVED FOR USE ON THE JOBSITE FOR ROUGH-IN PURPOSES. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING HIS/HER OWN ROUGH-IN SCHEDULES & DRAWINGS SHOWING ACCURATE LOCATIONS FOR UTILITIES AND WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
2. ALL SPOT LOCATIONS SHOWN ON THESE DRAWINGS ARE SPECIFIC TO THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO ARCHITECTURAL & PLUMBING DRAWING SETS FOR ADDITIONAL PLUMBING REQUIREMENTS NOT SHOWN.
3. ALL FLOOR AREAS IN THE KITCHEN & SERVING SPACE SHALL BE "TRANSIT LEVEL". DO NOT SLOPE FLOOR TO FLOOR DRAINS OR FLOOR SINKS IN THIS AREA!!!
4. MECHANICAL DIVISION TO INSTALL ALL FAUCET ASSEMBLIES, PRE-RINSE SPRAY ASSEMBLIES, HOSE ASSEMBLIES, VACUUM BREAKERS, CHECK VALVES, FLOW CONTROL VALVES, SOLENOID VALVES, WATER PRESSURE REDUCING VALVES, GAS PRESSURE REDUCING VALVES, TEMPERATURE GAUGES, PRESSURE GAUGES, WATER HAMMER SHOCK ABSORBERS & WATER FILTRATION SYSTEMS FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
5. MECHANICAL DIVISION TO FURNISH & INSTALL ALL WATER, GAS & STEAM SUPPLY LINES, DRAIN MANIFOLDS & TAILPIECES, TRAPS, SHUT-OFF VALVES, VENT PIPING, GAS SUPPLY LINE STRAINERS/FILTERS, BACK FLOW PREVENTION DEVICES, FLOOR DRAINS & FLOOR SINKS AS REQUIRED FOR EQUIPMENT INSTALLATION AND ANY CODE REQUIREMENTS. ALL SUPPLY LINES SERVICING EQUIPMENT ADJACENT TO AN EXTERIOR WALL ARE TO BE RAN ALONG INTERIOR FACE OF WALL TO AVOID POTENTIAL FREEZING.
6. MECHANICAL DIVISION TO FURNISH & INSTALL STAINLESS STEEL OR CHROME PLATED BRASS ESCUTCHEONS OR FLANGES FOR UTILITY LINES WHICH EXTEND THROUGH BUILDING WALLS AND EQUIPMENT. ALL PENETRATIONS TO BE SEALED WATER-TIGHT AND VERMIN PROOF.
7. MECHANICAL DIVISION TO FURNISH & INSTALL TYPE "L" COPPER TUBING DRAIN LINES FROM ALL APPLICABLE EQUIPMENT TO FLOOR SINKS, (INCLUDING WALK-IN COOLER AND FREEZER COILS) AND TO INSULATE ALL DRAIN LINES FROM ICE BINS, REFRIGERATION EQUIPMENT ETC.. MECHANICAL DIVISION TO INSTALL DRAIN LINES SO THEY DO NOT AFFECT UNDERCOUNTER STORAGE AND OTHER OPERATIONAL FUNCTIONS OF THE FIXTURES.
8. MECHANICAL DIVISION TO FURNISH & INSTALL CHROME PLATED PIPING ON ALL EXPOSED PIPING ABOVE COUNTER HEIGHT OR IN "DIRECT" LINE OF SIGHT TO THE OWNER/OPERATOR.
9. MECHANICAL DIVISION TO FURNISH & INSTALL ALL 12"x12"x8" FLOOR SINKS WITH HALF GRATES. FLOOR SINKS TO BE MOUNTED IN FLOOR SUCH THAT THE TOP OF THE RIM WILL BE FLUSH WITH FINISHED FLOOR ELEVATION UNLESS OTHERWISE DIRECTED BY STATE & LOCAL CODES. FLOOR SINKS FOR DISHMACHINES AND ALL COOKING EQUIPMENT TO HAVE A MINIMUM OF 3" DRAIN CONNECTION.
10. MECHANICAL DIVISION TO COOL, HEAT &/OR VENTILATE FOOD SERVICE DRY STORAGE ROOM TO MAINTAIN A TEMPERATURE OF 68 DEGREES TO 72 DEGREES YEAR AROUND.
11. MECHANICAL DIVISION TO UTILIZE EXISTING FLOOR DRAINS, FLOOR SINKS, DIRECT PLUMBING DRAINS, GAS CONNECTIONS & WATER CONNECTIONS WHERE POSSIBLE FOR NEW EQUIPMENT AND CAP OFF ANY EXISTING SERVICES MADE OBSOLETE BY THESE DRAWINGS.

EQUIPMENT				MECHANICAL									ELECTRICAL							
							GAS													
ITEM NUMBER	QUANTITY	DESCRIPTION (NIFSEC= NOT IN FOODSERVICE EQUIPMENT CONTRACT)	SOURCE	HOT	COLD	AFF	CONN. SIZE	M BTU	AFF	WASTE	AFF	REMARKS	VOLTAGE	KW	AMPS	HP	PHASE	CONN.	AFF	REMARKS
1	LOT	DRY STORAGE SHELVING UNIT	ADVANCE TABCO EC-2448-X																	
2	1	SINGLE DOOR REACH-IN REFRIGERATOR	TRUE T-23-HC										120		2.2		1	P	24	NEMA 5-15P
3	1	SINGLE DOOR REACH-IN FREEZER	TRUE T-23F-HC										120		3.7		1	P	24	NEMA 5-15P
4	1	WORK TABLE WITH SINK	ADVANCE TABCO CB-SS-3611M	0.50	0.50	20				2.0	FS	DRAIN TO FLOOR SINK	(2)120		16		1	D	STUB	CONVENIENCE OUTLETS 4 DUPLEX ON (2) CIRCUITS
5	2	WALL MOUNTED HAND SINK	ADVANCE TABCO 7-PS-25	0.50	0.50	20				1.50	18	DIRECT CONNECTION								
6	1	UNDERCOUNTER DISHWASHER	MEIKO FV 40.2	0.50		12				2.0	FS	DRAIN TO FLOOR SINK	208/240		32/35		3	P	16	NEMA 15-50P
7	1	THREE COMPARTMENT SINK	TABCO 93-3-54-36RL	0.50	0.50	14				2.0	FS	DRAIN TO FLOOR SINK								
7.1	2	WALL MOUNTED SHELF	TABCO WS-12-60-16																	
8	1	SINGLE DOOR REACH-IN REFRIGERATOR	TRUE T-23-HC										120		2.2		1	P	24	NEMA 5-15P
9	1	COMBI OVEN	ALTO-SHAAM CTX4-10EVH		0.75	20				2.0	FS		208/240		16-19		3	D	36	
10	1	EXHAUST VENTILATION SYSTEM	ACCUREX CUSTOM									SEE SHEET SERIES K500 FOR ADD. INFO.								SEE SHEET SERIES K500 FOR ADD. INFO.
11	2	RANGE	VULCAN S36A-1G				0.75	165	36				120		5.9		1	P	36	
12	1	KITCHEN SHELVING UNIT	ADVANCE TABCO EG-2448-X																	
13	1	PREP TABLE	ADVANCE TABCO KMS-363																	
14	4	STAINLESS TABLE	ADVANCE TABCO TMS-365																	
15		SPARE NUMBER																		
16		SPARE NUMBER																		
17	4	DOMESTIC HOOD	ACCUREX CUSTOM									SEE SHEET SERIES K500 FOR ADD. INFO.								SEE SHEET SERIES K500 FOR ADD. INFO.

	FD1	FLOOR DRAIN										INDIRECT DRAIN TO FLOOR DRAIN								
	FS1	FLOOR SINK										INDIRECT DRAIN TO FLOOR SINK								
	DR1	DUPLEX CONVENIENCE RECEPTACLE											120		16.0		1		16	
	DR2	DUPLEX CONVENIENCE RECEPTACLE											120		16.0		1		48	

ELECTRICAL NOTES

1. FOODSERVICE SPOT LOCATION SCHEDULES & DRAWINGS ARE FOR REFERENCE AND BIDDING PURPOSES, TO BE USED ONLY AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS AND ARE NOT APPROVED FOR USE ON THE JOBSITE FOR ROUGH-IN PURPOSES. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING HIS/HER OWN ROUGH-IN SCHEDULES & DRAWINGS SHOWING ACCURATE LOCATIONS FOR UTILITIES AND WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
2. ALL SPOT LOCATIONS SHOWN ON THESE DRAWINGS ARE SPECIFIC TO THE EQUIPMENT SHOWN ON THE FOODSERVICE EQUIPMENT PLAN. REFER TO ARCHITECTURAL & ELECTRICAL DRAWING SETS FOR ADDITIONAL ELECTRICAL REQUIREMENTS NOT SHOWN.
3. ELECTRICAL AMPERAGE NOTED IN SCHEDULE INDICATES AMP "DRAW" & NOT CIRCUIT BREAKER SIZE UNLESS OTHERWISE NOTED. ELECTRICAL DIVISION IS RESPONSIBLE FOR PROPER CIRCUIT BREAKER SIZING
4. ELECTRICAL DIVISION TO VERIFY ALL FOODSERVICE EQUIPMENT WITH DIRECT ELECTRICAL CONNECTION TO BE IN LINE OF SIGHT OF KITCHEN ELECTRICAL DISTRIBUTION PANEL, AND IF NOT, ELECTRICAL DIVISION TO FURNISH & INSTALL A FUSED QUICK DISCONNECT ADJACENT TO EQUIPMENT.
5. ELECTRICAL DIVISION TO INSTALL ALL CONTROL PANELS, STARTERS, SOLENOID VALVES, JUNCTION BOXES & DISCONNECT SWITCHES FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR.
6. ELECTRICAL DIVISION TO FURNISH & INSTALL ALL WIRING, ELECTRICAL OUTLETS, STARTERS, JUNCTION BOXES, DISCONNECT SWITCHES & CONDUIT REQUIRED FOR EQUIPMENT INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS & ELECTRICAL CODE REQUIREMENTS. ELECTRICAL RECEPTACLES TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
7. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUNDING WIRE TO ALL FOOD SERVICE EQUIPMENT IN ADDITION TO THE NUMBER OF WIRES NOTED IN INDIVIDUAL SERVICES.
8. ELECTRICAL DIVISION TO FURNISH & INSTALL GROUND FAULT PROTECTION FOR ANY RECEPTACLE WITHIN THE KITCHEN & SERVING AREAS.
9. ELECTRICAL DIVISION TO FURNISH & INSTALL SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT UNDER EXHAUST HOODS WHEN FIRE SUPPRESSION SYSTEM IS REQUIRED.
10. ELECTRICAL DIVISION TO FURNISH 6'-0" PIGTAIL FLEX CONDUIT AT ALL DIRECT CONNECTION STUB-OUTS AND EXTEND TO FINAL CONNECTION ON EQUIPMENT. ELECTRICAL DIVISION TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY.
11. ELECTRICAL DIVISION TO UTILIZE EXISTING ELECTRICAL CONNECTIONS WHERE POSSIBLE FOR NEW EQUIPMENT AND CAP OFF ANY EXISTING SERVICES MADE OBSOLETE BY THESE PLANS.

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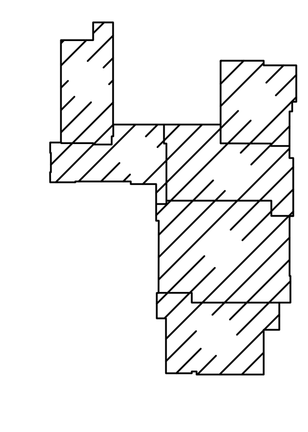
PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



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PROJECT 20–126
DATE 08/24/20
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REVISIONS

MARK	DATE	ISSUED FOR
1	09/08/20	ADD No. 1

DRAWING
FOODSERVICE EQUIP. SPOT LOCATION LAYOUT AND SCHEDULE

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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HOOD INFORMATION

HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.) LENGTH	WIDTH	HEIGHT	HOOD CONSTR.	COOKING LOAD / DUTY RATING	EXHAUST TOTAL CFM	COLLAR(S) WIDTH	LENGTH	DIA.	CFM	S.P.	SUPPLY MUA CFM	AC CFM	TOTAL WEIGHT LBS.	SECTION LOCATION
1	KH-1	XXEW-120-S	120	54	24	430 SS WHERE EXPOSED	HEAVY	1970			14	1970	0.61	26A	27A	380	SINGLE

HOOD INFORMATION

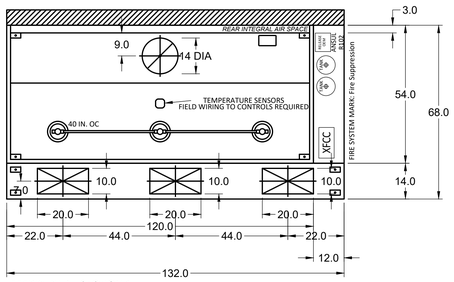
HOOD NO.	MARK	LIGHTING DETAILS FIXTURE TYPE BULB / LAMP INFO	QTY	FOOT CANDLES	GREASE FILTRATION DETAILS TYPE / MODEL MATERIAL	QTY	SIZE (IN.) L	H	UTILITY CABINET(S) LOCATION	FIRE SYSTEM TYPE	SIZE	CONTROLS MODEL	INTERFACE
1	KH-1	ROUND LED	3	74.65	X-TRACTOR STAINLESS STEEL	0	16	20	RIGHT	ANSUL R102	6	XFCC	SWITCHES
						6	20						

SUPPLY PLENUM INFORMATION

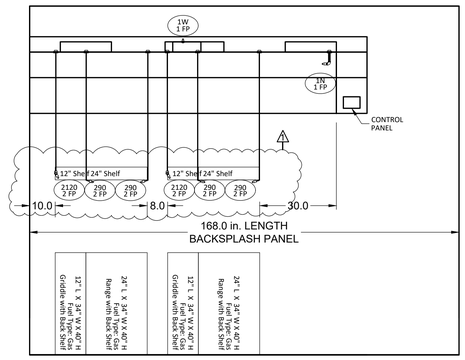
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.) L	W	H	INSULATED	DAMPER(S)	LED LIGHT(S) SUPPLIED	QTY	TOTAL CFM	COLLARS TYPE	MOUNTING	QTY	W	L	DIA.	CFM	S.P.	VEL.
1	KH-1	FRONT	ASP	132	14	10	NO	YES	NO		1576	MUA	FACTORY	3	10	20		525	0.09	378

HOOD OPTIONS

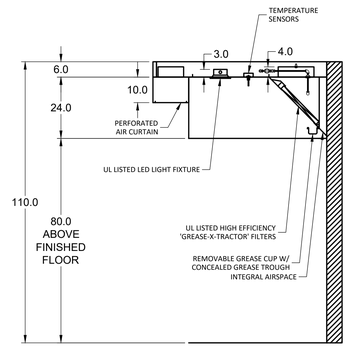
- UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625
- BACK INTEGRAL AIR SPACE - 3 IN WIDE
- 6 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED
- SHIPPED LOOSE EXHAUST COLLAR(S)
- BACKSPLASH 122.00 IN HIGH 168.00 IN LONG
- PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY
- STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



MARK: KH-1 - SECTION 1
PLAN VIEW



MARK: KH-1 - SECTION 1
ELEVATION VIEW



MARK: KH-1
SECTION VIEW

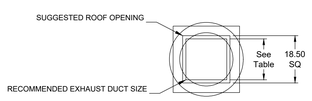
Direct Drive Upblast Centrifugal Roof Exhaust Fan

MARK INFORMATION QTY	MARK	MODEL	FAN INFORMATION VOLUME (CFM)	TOTAL EXTERNAL SP (IN WG)	FAN RPM	OPERATING POWER (HP)	WEIGHT (LB.)	MOTOR INFORMATION SIZE (HP)	V/C/P	ENCLOSURE	MOTOR RPM	WINDINGS	NEC FLA*
1	KEF-1	XRUD-141-VG	1,970	1	1,507	0.65	89	1	115/60/1	OP	1725	1	16

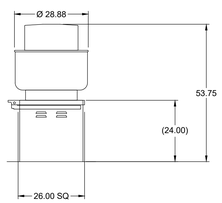
*NEC FLA - Based on tables 150 or 148 of National Electrical Code 2002. Actual motor FLA may vary, for sizing thermal overload, consult factory.

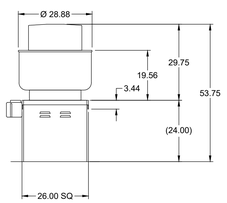
KEF-1 : SELECTED OPTIONS AND ACCESSORIES

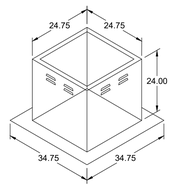
- Larger curb cap size - 26 in. square
- UL/cUL 762 Listed - "Power Ventilators for Rest. Exh. Appliances"
- Switch, NEMA-3R, Toggle, Shipped with Unit
- Hinged Base (Attached)
- High Temp Curb Seal Rated for Continuous Duty at 1500 F (Attached)
- Grease Trap (PN 475538)
- Clean-out Port



DUCT TYPE	SIZE
STANDARD	16 SQ
FIRE-WRAPPED	8 SQ



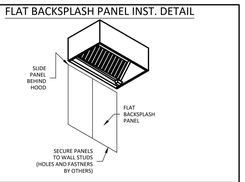




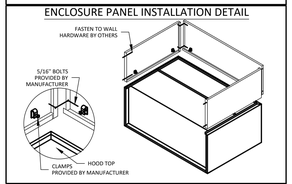
DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB.
CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE.

OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR.

FLAT BACKSPLASH PANEL INST. DETAIL



ENCLOSURE PANEL INSTALLATION DETAIL



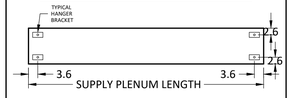
HOOD HANGING HEIGHT FOR FIRE SYSTEMS

VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

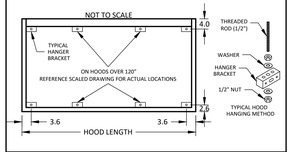
☐ RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.

☐ OTHER HANGING HEIGHT = _____" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.

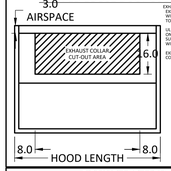
SUPPLY PLENUM HANGER BRACKET DETAIL



HOOD HANGER BRACKET DETAIL



SHIPPED LOOSE DUCT COLLAR INST. DETAIL

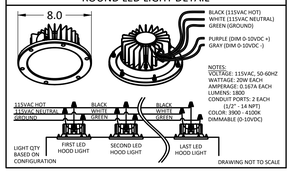


EXHAUST COLLAR NOTES:
EXHAUST DUCT CONNECTION TO BE LOCATED WITHIN 48" FROM CENTER OF HOOD LENGTH TO CENTER OF DUCT CONNECTION.

UL LISTED HOOD ASSEMBLY TO BE USED ONLY WITH MANUFACTURER, LABELED EXHAUST COLLAR(S) INSTALLED AND WITHOUT EXHAUST DAMPER PART NO. DC.

EXHAUST DUCT CONNECTION IS TO BE A CONTINUOUS LIQUID TIGHT WELD TO HOOD.

ROUND LED LIGHT DETAIL



NOTES:
VOLTAGE: 115VAC, 50-60HZ
WATTAGE: 20W EACH
AMPERAGE: 0.167A EACH
LUMENS: 1800
CONDUIT PORTS:
(1) 1/2" - 14 NPT)
COLOR: 3900 - 4100K
DIMMABLE (0-10VDC)

LAVILLE HS

KH-1 & KEF-1

PROJECT 7/23/2020

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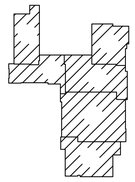
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, INDIANA



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PROJECT 20-126
DATE 08/24/20
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DRAWING
EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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CAD\ QF-2020-039-HOOD.DWG

EQUIPMENT SCHEDULE

Tempered Make-Up Air Unit — **Mark: MUA-1**

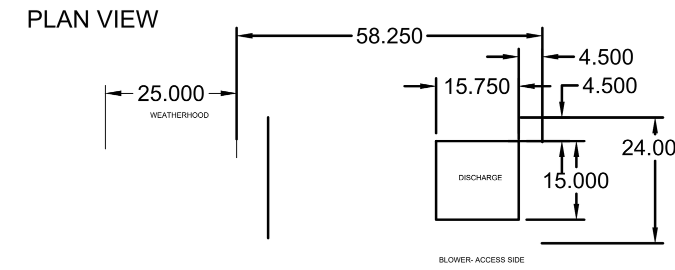
Qty	Accurex Model	Volume	External SP	Total SP	FRPM	Operating Power	Weight
1	XDG-P115-H05	1,576 CFM	0.5 in. wg	1.49 in. wg	1675	0.78 hp	421 lb

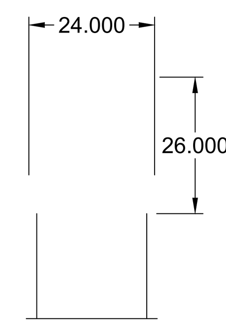
Motor Information							
Size	V/C/P	Enclosure	Motor with Shaft Grounding	Motor RPM	Windings	MCA	MOP
1 hp	115/60/1	ODP	No	1725	1	21.3	35

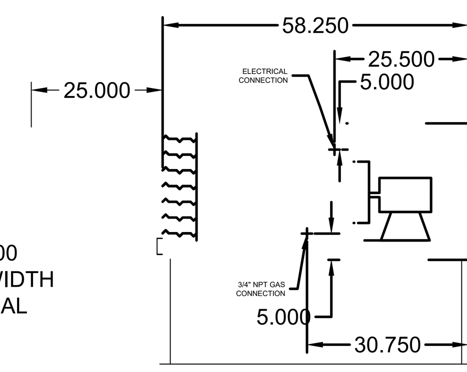
Heating										
Type	Gas Type	Temperature			Energy			Connection Gas	Building Gas Pressure	Control Access
		Winter DB	Max Δ	Max LAT	Input	Output	Efficiency			
Direct Gas	Natural	-1.5 F	71.5 F	70.0 F	132.3 MBH	121.7 MBH	92%	3/4"	1/2 PSI	11a

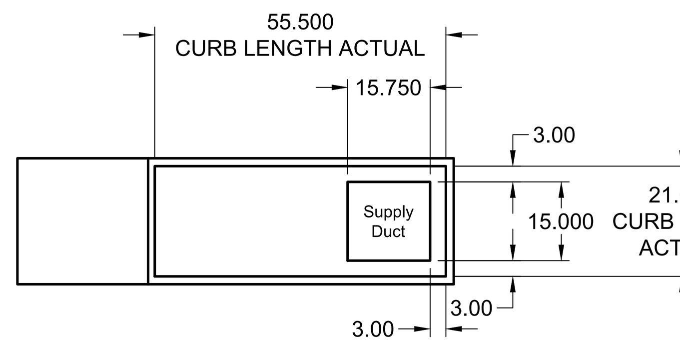
OPTIONS AND ACCESSORIES

Air Flow Arrangement: Outdoor Air Only
Weatherhood: Aluminum Mesh, 16x20x2 - (2)
Damper: Inlet
Outdoor Air Intake Position: End
Discharge Position: Bottom
Coating: Galvanized
Insulation: Double Wall - Heat Source On
Access Side: Right-Hand
Control Center
Heat Inlet Air Sensor
Unit Controls: Terminal Strip
Temperature Control: Discharge
Direct Gas Options/Accessories
Approvals: ETL
Flame Sensing: Flame Rod
Ignition Control: Pilot
Unit Rated Gas Pressure: 1/2 PSI
Mounting:
Unit Warranty: 1 Yr (Standard)







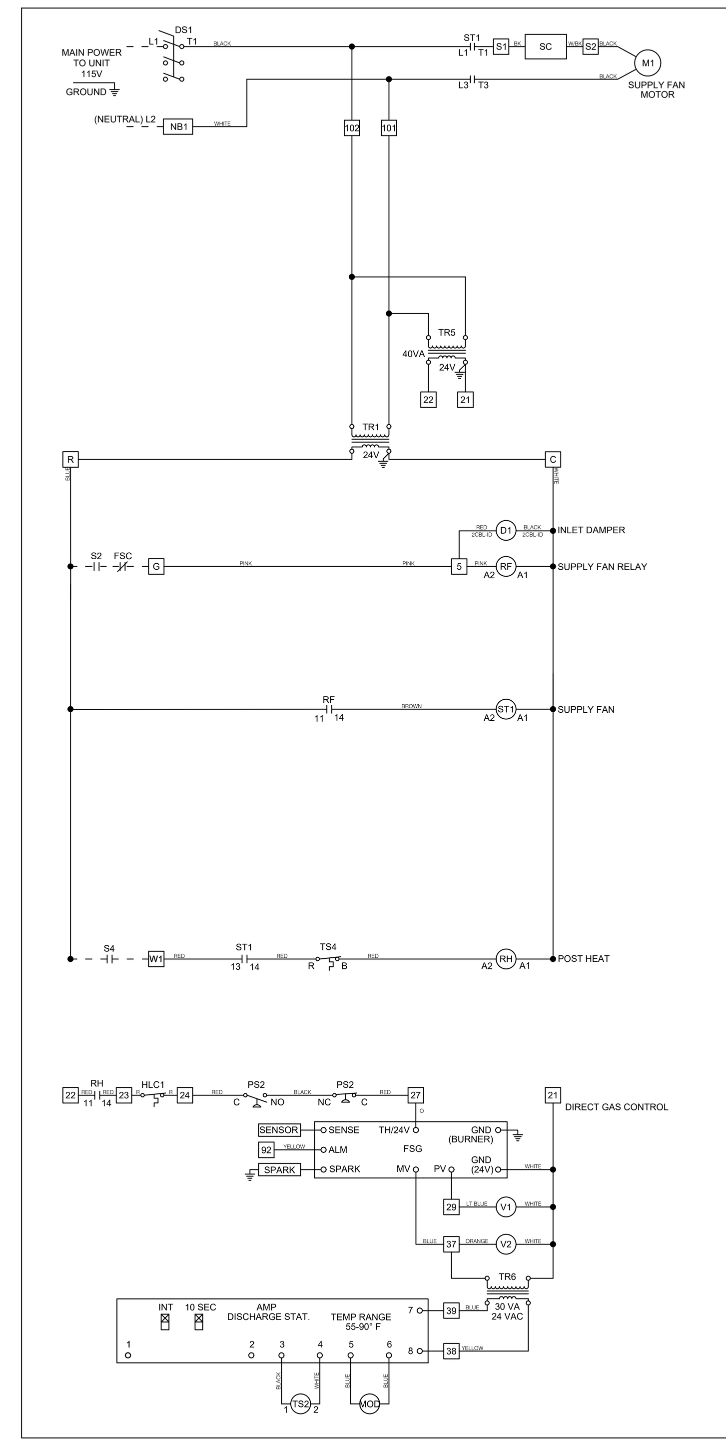


NOTE: Roof Opening Requirements:

Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides.
For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square.

Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb.
For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square.

NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb.
This is by design, in order to help alleviate water infiltration issues. MUA Unit supports are shipped loose with unit.



ACCUREX

Wiring Diagram Code:
AD61N102N010N10NM21

CAUTION
UNIT SHALL BE GROUNDED IN ACCORDANCE WITH N.E.C.
POWER MUST BE OFF WHILE SERVICING.

NOTES
USE COPPER CONDUCTORS ONLY
60° C FOR TERMINALS RATED LESS THAN 100 AMPS.
75° C FOR TERMINALS RATED 100 AMPS OR MORE.
FIELD CONTROL WIRING RESISTANCE SHOULD NOT EXCEED 0.75 OHM.
FIELD WIRED — — — — —
FACTORY SUPPLIED AND WIRED ————

WIRE COLOR CODE

BK	BLACK	BL	BLUE	BR	BROWN
GY	GRAY	LT BL	LIGHT BLUE	O	ORANGE
PK	PINK	PR	PURPLE	R	RED
W	WHITE	Y	YELLOW		

LEGEND
AMP AMPLIFIER
D1 INLET DAMPER
DS1 MAIN DISCONNECT SWITCH
FSC FIRE SYSTEM CONTACT
FSG FLAME SAFE GUARD
FU# FUSE
HLC HIGH LIMIT CONTROL
M# MOTOR
MOD MODULATING VALVE
NB1 NEUTRAL BLOCK
PS2 AIR PROVING SWITCH
RF SUPPLY FAN RELAY
RF1 FAN ENABLE RELAY
RH HEAT RELAY
S2 FAN SWITCH
S4 HEAT AND COOL SWITCH
SG SPARK GENERATOR
ST# MOTOR STARTER
TR# TRANSFORMER
TS2 DISCHARGE AIR SENSOR
TS4 INLET AIR SENSOR - HEAT
V1 PILOT VALVE
V2 MAIN VALVE

Wiring Template: M21 DOC NUMBER: #### REV: ####

LAVILLE HS

MUA-1 & FIRE SUPPRESSION

PROJECT 7/23/2020

MARK

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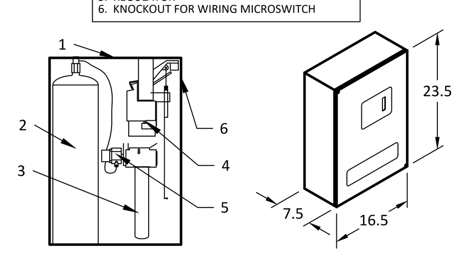
ACCUREX

ANSUL R102 (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSC

CONTROL PANEL

1. STAINLESS STEEL ENCLOSURE
2. AGENT STORAGE TANK
3. EXPELLENT GAS CARTRIDGE
4. ANSUL AUTOMAN RELEASE
5. REGULATOR
6. KNOCKOUT FOR WIRING MICROSWITCH



NOT TO SCALE

NOTES:

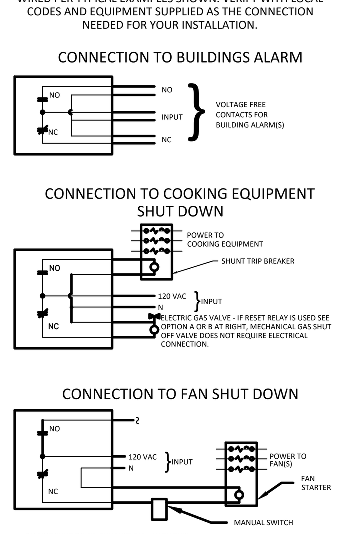
WET CHEMICAL FIRE PROTECTION SYSTEM TO BE ANSUL R-102, DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.
-VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.
-ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.
-ANSUL AUTOMAN RELEASE TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:
-GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
-MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:
-FULL DUMP TEST OTHER THAN WHT IS SPECIFIED PER THE INSTALLATION MANUAL, OR TO SATISFY A STATE OR LOCAL CODE. PERMIT AND TESTING FEES ARE NOT INCLUDED UNLESS NOTED UNDER THE EQUIPMENT SCHEDULE FOR THE FIRE SYSTEM.
-MORE THEN TWO TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION, OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS.
-INSTALLATION OF GAS SHUT-OFF VALVE.
-SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE. PLAN EXAMINATION FEES, PE OR FS APPROVAL STAMP.
-UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
-ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
-ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
-ROUGH-IN HIDDEN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FLUSH MOUNTED PULL STATION).
-INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT (6.1M.)
-PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS. OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THEN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.

WIRING DIAGRAMS W/DPDT MICRO SWITCH

DPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN. VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.



NOTES:
1. ———— DENOTES FIELD INSTALLATION.
2. ———— DENOTES FACTORY INSTALLATION.
3. DO NOT USE BLACK WIRE ON SNAP-ACTION SWITCH IN NORMAL INSTALLATION. BLACK WIRE TO BE USED ONLY FOR EXTRANEOUS ALARM, LIGHT CIRCUITS, ETC.

FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
FIRE SUPPRESSION	ANSUL R-102 WET CHEMICAL	CABINET – RIGHT END OF KH-1	14 UTILIZED 22 AVAILABLE		CONTINUOUS	FUSIBLE LINK	KH-1 SECTION 1

FIRE SYSTEM OPTIONS AND ACCESSORIES

FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
METAL BLOW-OFF CAPS - INCLUDED
GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2", (ANSUL) - PART# ANSULMECHSHUTOFFVALVE200
HOOD SUPPRESSION AGENT - INCLUDED - 6 GAL. - [(2) 3.0 TANK(S)]
REMOTE PULL STATION - STANDARD - INSTALLATION AT SINGLE POINT OF EGRESS

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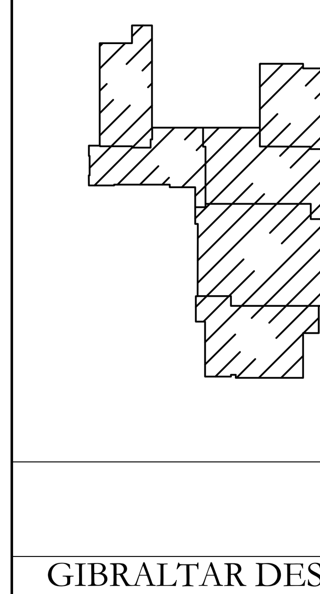
LAKEVILLE, INDIANA



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DRAWING
EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE

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CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED				
	MODEL	LOCATION	TYPE	LOCATION	MARK	TYPE	VOLT	PHASE	HP
CONTROLS	XFCC	CABINET – RIGHT END OF KH-1	SWITCHES	CABINET – RIGHT END OF KH-1	KEF-1	EXHAUST	115	1	1
					MUA-1	SUPPLY	115	1	1

CONTROL FEATURES

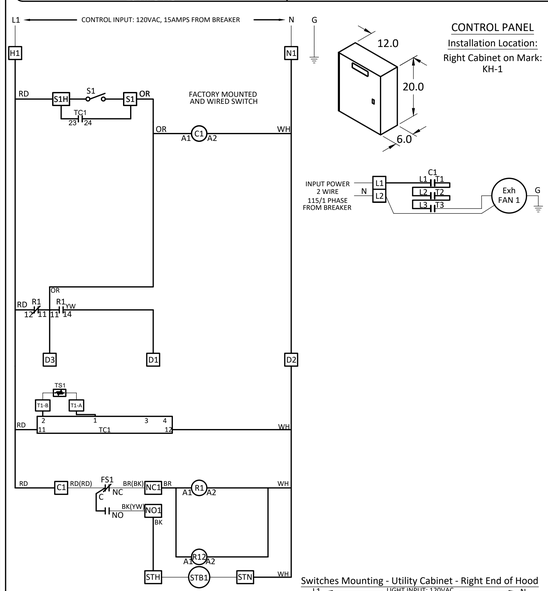
STARTERS PROVIDED IN CONTROL PANEL - QTY 1
2 POSITION LIGHT SWITCH - QTY 1
2 POSITION FAN SWITCH - QTY 1
-FACTORY MOUNTED EXHAUST TEMPERATURE SENSORS - QTY 1
TURN ON EXHAUST IN FIRE
MUA INTERFACE
POWER FOR SHUNT TRIP

Kitchen Fan Control Center (XFCC)
Electrical Prewire Package
Laville HS

SYSTEM DRAWING NOTE

These drawings shall not be removed from this equipment.
For additional information call ACCUREX at 1-800-371-6858

ACCUREX



CONTROL PANEL
Installation Location:
Right Cabinet on Mark: KH-1

Panel Mark:	Controls
Hood Mark(s):	KH-1
Serial Number:	WDSN#
Model:	XFCC

Motor	Fan Mark	HP	Volt	PH	FLA	Wire	Breaker
F1-4	KEF-1	1	115	1	16.0	12 ga	20 amp
F2-5	MUA-1	1	115	1	16.0	12 ga	20 amp

[1] Qty. Fan Switches (0-3)
[1] Qty. Light Switches (0-3)
[0] Qty. Temp. Switches (0-1)
[ ] One Switch for L & F
[X] Digital Temperature Interlock
[1] Mounted Sensors - Factory
[0] Mounted Sensors - Field
[ ] Heat Switch/Tempering SW
[ ] Cool Switch
[ ] KD Switch
[X] Hood Switches
[ ] Audible Alarm
[ ] Gas Reset [ ] Gas Off w/Fans
[ ] Power for Gas Solenoid
[X] Power for Shunt Trip
[X] Exhaust in Fire
[X] MUA Interface
[ ] Lights Out in Fire
[X] Fire Relay (#1)
[ ] Extra Fire Relay (#2)
[ ] Extra Fire Relay (#3)
[ ] DPDT Relay w/SF
[ ] DPDT Relay w/EF
[ ] Off Delay Relay
[ ] SF Failure Light
[ ] EF Failure Light
[ ] Fan Failure Light (Appl.)
[ ] Aux. Supply Contact
[ ] SDR

Spare Fire Switch Contact (termination point for second fire switch)

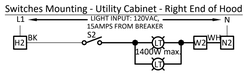
			Ansul / Amerex
C2	RD/RD		RD / RD
NC2	BR/BK	NC	BR / BK
NO2	BK/YW	NO	BK / YW

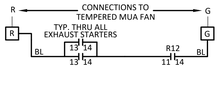
Spare Relay Contacts (activated by FS1)
(can be used for shunt trip, alarms, etc.)

	C3	RD		C4	RD
A	NO3	BK	A	NO4	BK
B	NC3	BR	B	NC4	BR

A open w/power at H1/N1 & fire system armed
closed on fire or no power
B closed w/power at H1/N1 & fire system armed
open on fire or no power

Switches Mounting - Utility Cabinet - Right End of Hood





TEMPERATURE INTERLOCK CALIBRATION

1. PRESS SET BUTTON. 'St1' WILL APPEAR.
2. PRESS UP OR DOWN BUTTON TO NAVIGATE TO SET POINT THAT YOU WISH TO ADJUST ('St1', 'St2', OR 'St3').
3. PRESS SET BUTTON TO VIEW CURRENT SET POINT. PRESS UP OR DOWN BUTTON TO ADJUST AND PRESS SET BUTTON TO STORE VALUE.
4. PRESS SET + DOWN BUTTONS TOGETHER TO EXIT OR WAIT 1 MINUTE.
5. CHECK SYSTEM OPERATION BEFORE MAKING ADDITIONAL ADJUSTMENTS.

TORQUE:
TERMINAL BLOCKS = 8 LB.IN
GROUNDING BLOCKS = 8 LB.IN

FIELD WIRING:
USE MINIMUM
60° Copper Wire

LABEL DESCRIPTION

EF	Exhaust Fan
SF	Supply Fan
ST	Starter
OL	Overload
C	Contactor
G	Ground
S	Switch
T	Time
FS	Fire Switch
R1	115VAC 3PDT Fire Relay
R2-8,12	115VAC DPDT Relay
R9	115VAC Time Delay Relay
R10,11,13	115VAC SPDT Relay
AF	Air Flow Switch
SV	Gas Solenoid
STB	Shunt Trip Breaker
D	Damper
PB	PushButton
EC	Evap Cooler
TS	Temperature Sensor
TC	Temperature Controller

FACTORY WIRING
FIELD WIRING
ALL WIRING 90°C 14 GA. UNLESS SPECIFIED

WIRE COLOR
BK - black
BL - blue
BR - brown
OR - orange
RD - red
PD - purple
YW - yellow
WH - white

NOTES:
DRAWING SHOWN DE-ENERGIZED AT L1 (TERM. #H1), W/ FIRE SYSTEM ARMED (NON-FIRE MODE). (NORMAL OPERATION, R1 & R2 ARE ENERGIZED) IF WALL MOUNTED PREWIRE, OR FIELD INSTALLED FIRE SYSTEM, THE FIRE SYSTEM MICROSWITCHES MUST BE FIELD WIRED.

LISTED 43B92
COMMERCIAL APPLIANCE OUTLET CENTER
ELECTRICAL RATINGS: 120V, 1PHASE, 60HZ, 15A
FILE #E313951

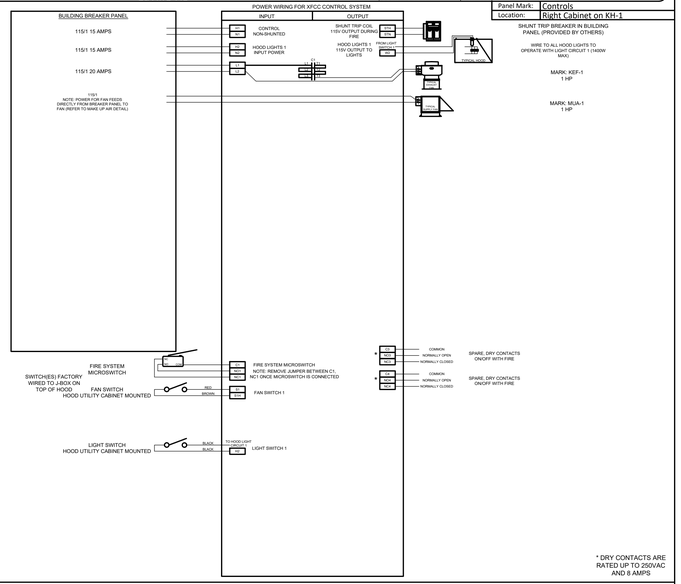
Wiring Diagram Code:
DOC NUMBER: ####
REV: ####

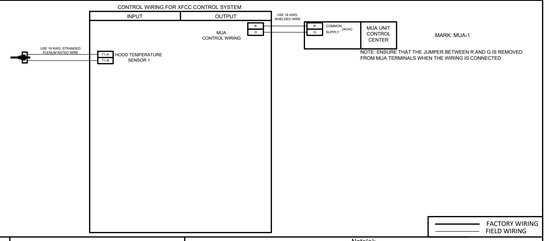
Kitchen Fan Control Center (XFCC)
Electrical - Field Wiring Schematic
Laville HS

Wiring Diagram Code:
DOC NUMBER: ####
REV: ####

ACCUREX

Panel Mark:	Controls
Location:	Right Cabinet on KH-1





	SENSOR	
HOOD MARK	QTY	LOCATION
KH-1 Section 1	1	CAPTURE TANK

NOTE: ALL SENSORS TO BE WIRED INDEPENDENTLY

Note(s):

1. All wiring to be done by certified and qualified persons and must be wired to all local & national codes.
2. Exhaust and supply fan(s) shown as typical for representation of the fan. For exhaust or supply fan detail see fan submittals.
3. Exhaust and/or supply fans may be shown more than once for purpose of separating power versus control wiring.
4. Power wiring is the responsibility of the electrician. Control wiring is the responsibility of controls contractor. If there is no controls contractor, both power and control wiring is the responsibility of the electrician.
5. All ground wiring not shown on above diagram for clarity.
6. For further instructions please see the XFCC Installation and Operations Manual that was shipped with panel, or contact ACCUREX's Kitchen Ventilation team at 1-800-371-6858

LAVILLE HS

PROJECT 7/23/2020

MARK

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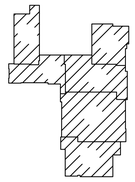

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HOOD INFORMATION

QTY.	MARK	MODEL	CONFIGURATION	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	EXHAUST					VENTILATION INFORMATION		TOTAL WEIGHT (LBS.)
				LENGTH	WIDTH	HEIGHT		CFM	INLET SOUND		COLLAR		VENTILATION STYLE	FAN TYPE	
									SONES	DBA	DIA. (IN.)	S.P.			
4	KH-2, KH-3, KH-4, KH-5	XRRS	WALL	36	TOP 12.0 BOT 23.5	FRT 6.00 BCK 12.5	300 SERIES SS WHERE EXPOSED	500	6.9	55.85	8	0.91	EXTERNAL FAN - TOP DISCHARGE	INLINE	93

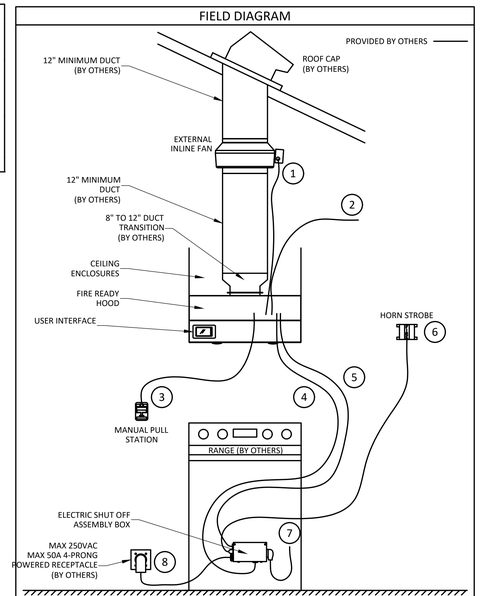
HOOD INFORMATION

QTY.	MARK	HOOD AND FAN POWER				DISCONNECTS FOR APPLIANCE					LIGHTING DETAILS		USER INTERFACE	
		VOLT	PHASE	BREAKER SIZE (AMPS)	OPERATING CURRENT (AMPS)	ELECTRIC				GAS	FIXTURE TYPE BULB / LAMP INFO	QTY	TYPE	LOCATION
						RECPT.	VOLT	PHASE	MAX AMPS	VALVE SIZE (IN.)				
4	KH-2, KH-3, KH-4, KH-5	115	1	15	1.7	14-50R	208-250	1	50		115VAC 7WATT E26 LED 2200-2700K COLOR	2	FULL COLOR, LCD TOUCH SCREEN	HOOD MOUNTED

HOOD OPTIONS/ACCESSORIES

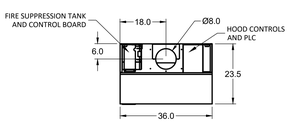
- LISTED TO UL SUBJECT 300A
- SELF-CONTAINED FIRE SUPPRESSION SYSTEM
- ELECTRONIC DETECTION
- FULLY PLUG AND PLAY DESIGN
- NSF APPROVED SEALANT
- AUTOMATIC RANGE DEACTIVATION AND PASSWORD PROTECTION
- MANUAL PULL STATION
- HORN STROBE
- 30 IN HIGH CEILING ENCLOSURES FRONT LEFT RIGHT - FIELD INSTALLED
- FIRE SYSTEM PERMIT, STARTUP AND PUFF TEST
- FIRE TEST KIT
- NFPA 101 COMPLIANT

FIELD DIAGRAM

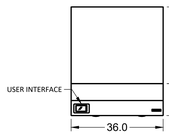


CONNECTION LEGEND

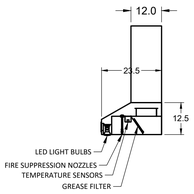
ID	ITEM	ITEM DETAILS
1	EXTERNAL INLINE FAN	50FT PLUG AND PLAY CABLE WITH ORANGE LABEL PROVIDED. FIELD TO RUN BETWEEN HOOD AND FAN, AND CONNECT TO ORANGE HARNESSES.
2	HOOD POWER	FIELD TO PROVIDE 115VAC POWER FROM 15A BREAKER TO TERMINAL BLOCKS H1 AND N1 INSIDE HOOD (GROUND TO GROUNDING TERMINAL).
3	MANUAL PULL STATION	30 FT PLUG AND PLAY CABLE COILED UP AND ATTACHED TO HOOD. FIELD TO CONNECT TO MANUAL PULL STATION VIA QUICK CONNECTOR IN STATION J-BOX.
4	GAS/ELECTRIC DISCONNECT CABLE 1	10 FT PLUG AND PLAY CABLE COILED UP AND ATTACHED TO 9PIN CONNECTION AT HOOD. FIELD TO PLUG THIS INTO GAS/ELECTRIC SHUT OFF ASSEMBLY BOX.
5	GAS/ELECTRIC DISCONNECT CABLE 2	10 FT PLUG AND PLAY CABLE COILED UP AND ATTACHED TO 4PIN CONNECTION AT HOOD. FIELD TO PLUG THIS INTO GAS/ELECTRIC SHUT OFF ASSEMBLY BOX.
6	HORN STROBE	8 FT PLUG AND PLAY CABLE COILED UP AND ATTACHED TO HORN STROBE. FIELD TO PLUG INTO RECEPTACLE ON GAS/ELECTRIC SHUT OFF ASSEMBLY BOX.
7	RANGE POWER CORD	PLUG RANGE POWER CORD (IF PROVIDED WITH RANGE) INTO 14-50R RECEPTACLE ON ELECTRIC SHUT OFF ASSEMBLY BOX.
8	SHUT OFF ASSEMBLY BOX POWER	PLUG 2.5 FT ELECTRIC SHUT OFF ASSEMBLY BOX POWER CORD INTO NEARBY 4-PRONG 14-50R 250VAC RECEPTACLE.



MARK: KH-2
PLAN VIEW



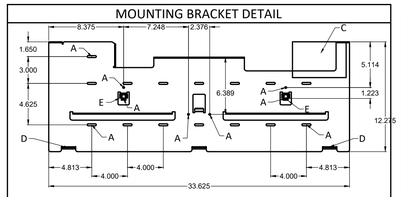
MARK: KH-2
ELEVATION VIEW



MARK: KH-2
SECTION VIEW

MARK: KH-2

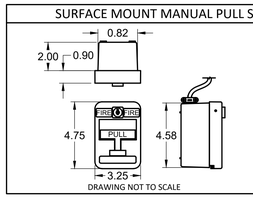
MOUNTING BRACKET DETAIL



MOUNTING BRACKET KEY
A. CRITICAL MOUNTING POINTS (MUST BE SECURED TO STUDS OR DRY WALL HANGERS)
B. NA
C. LOCATION FOR FACTORY PROVIDED 4" H X 6" W X 3.5" D CONTROL J-BOX
D. HOOD SUPPORT TABS
E. HOOD LATCH CONNECTIONS

NOTES:
1) BEFORE MOUNTING, SITUATE MOUNTING BRACKET ON WALL, MAKING SURE CRITICAL MOUNTING POINTS ARE MET AND DISTANCE FROM BOTTOM OF BRACKET TO COOKING SURFACE IS BETWEEN 24 AND 30 INCHES.
2) CUT OUT SPACE IN WALL FOR FACTORY PROVIDED CONTROL J-BOX AND SECURE IN PLACE.
3) SECURE MOUNTING BRACKET TO WALL USING THE PROPER FIELD PROVIDED FASTENERS USING CRITICAL MOUNTING POINTS SHOWN ABOVE.

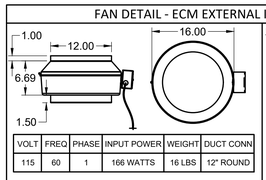
SURFACE MOUNT MANUAL PULL STATION DETAIL



DRAWING NOT TO SCALE

NOTES:
1) PROVIDED WITH 30FT PLUG AND PLAY CABLE COILED UP IN HOOD LABELED "PULL STATION"
2) FIELD TO MOUNT STATION AND CONNECT TO CABLE
3) TO COMPLY WITH ADA STANDARDS, STATION (IF MOUNTED ON AN UNOBSTRUCTED WALL) MUST BE A MAX OF 48" OFF OF THE FINISHED FLOOR

FAN DETAIL - ECM EXTERNAL INLINE

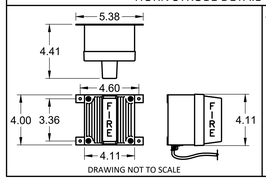


VOLT	FREQ	PHASE	INPUT POWER	WEIGHT	DUCT CONN
115	60	1	166 WATTS	16 LBS	12" ROUND

DRAWING NOT TO SCALE

NOTES:
1) INSTALL FAN VERTICALLY INLINE IN DUCT BETWEEN HOOD AND ROOF CAP
2) HOOD SHOULD BE ADAPTED FROM 8" COLLAR TO MINIMUM 12" DIA. RIGID METALLIC DUCT
3) PROVIDED WITH 50FT PLUG AND PLAY CABLE WITH ORANGE LABEL TO CONNECT BACK TO HOOD
4) 35FT MAX DUCT LENGTH

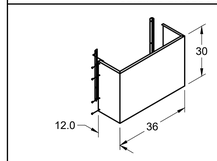
HORN STROBE DETAIL



DRAWING NOT TO SCALE

NOTES:
1) PROVIDED WITH 8FT PLUG AND PLAY CABLE ALREADY ATTACHED TO HORN STROBE. FIELD TO MOUNT HORN STROBE AND CONNECT PLUG TO GAS OR ELECTRIC SHUT OFF ASSEMBLY
2) FIELD TO FOLLOW NFPA AND LOCAL CODE REQUIREMENTS FOR HORN STROBE MOUNTING LOCATION

CEILING ENCLOSURE DETAIL

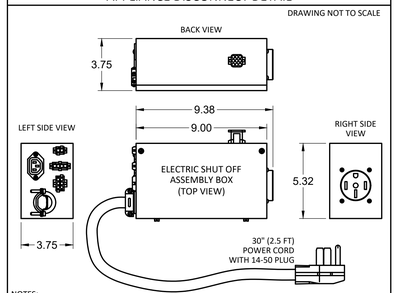


DRAWING NOT TO SCALE

NOTES:
1) REMOVE SCREWS THAT ATTACH ENCLOSURE MOUNTS TO ENCLOSURE PANELS.
2) FASTEN ENCLOSURE MOUNTS THROUGH PRE-DRILLED HOLES TO WALL USING APPROPRIATE FIELD PROVIDED FASTENERS.
3) ATTACH ENCLOSURE PANELS TO ENCLOSURE MOUNTS USING THE SAME SCREWS REMOVED IN NOTE 1
4) 18 GA 300 SS

APPLIANCE DISCONNECT DETAIL

DRAWING NOT TO SCALE



NOTES:
1) PROVIDED WITH TWO (2) 10FT PLUG AND PLAY CABLES COILED UP IN HOOD, FIELD TO CONNECT CABLES TO GAS SHUT OFF ASSEMBLY BOX
2) FIELD TO POSITION ELECTRIC SHUT OFF ASSEMBLY BEHIND THE RANGE
3) FIELD TO PLUG 2.5FT CORD WITH 14-50 PLUG INTO 250VAC RECEPTACLE BEHIND THE RANGE.
4) FIELD TO PLUG RANGE POWER CORD INTO 250VAC RECEPTACLE ON ELECTRIC SHUT OFF ASSEMBLY BOX.

LAVILLE HS

KH-2

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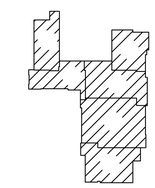

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MARK	DATE	ISSUED FOR
1	09/08/20	ADD No. 1

DRAWING
EXHAUST VENTILATION SYSTEM DRAWING, DETAILS AND SCHEDULE

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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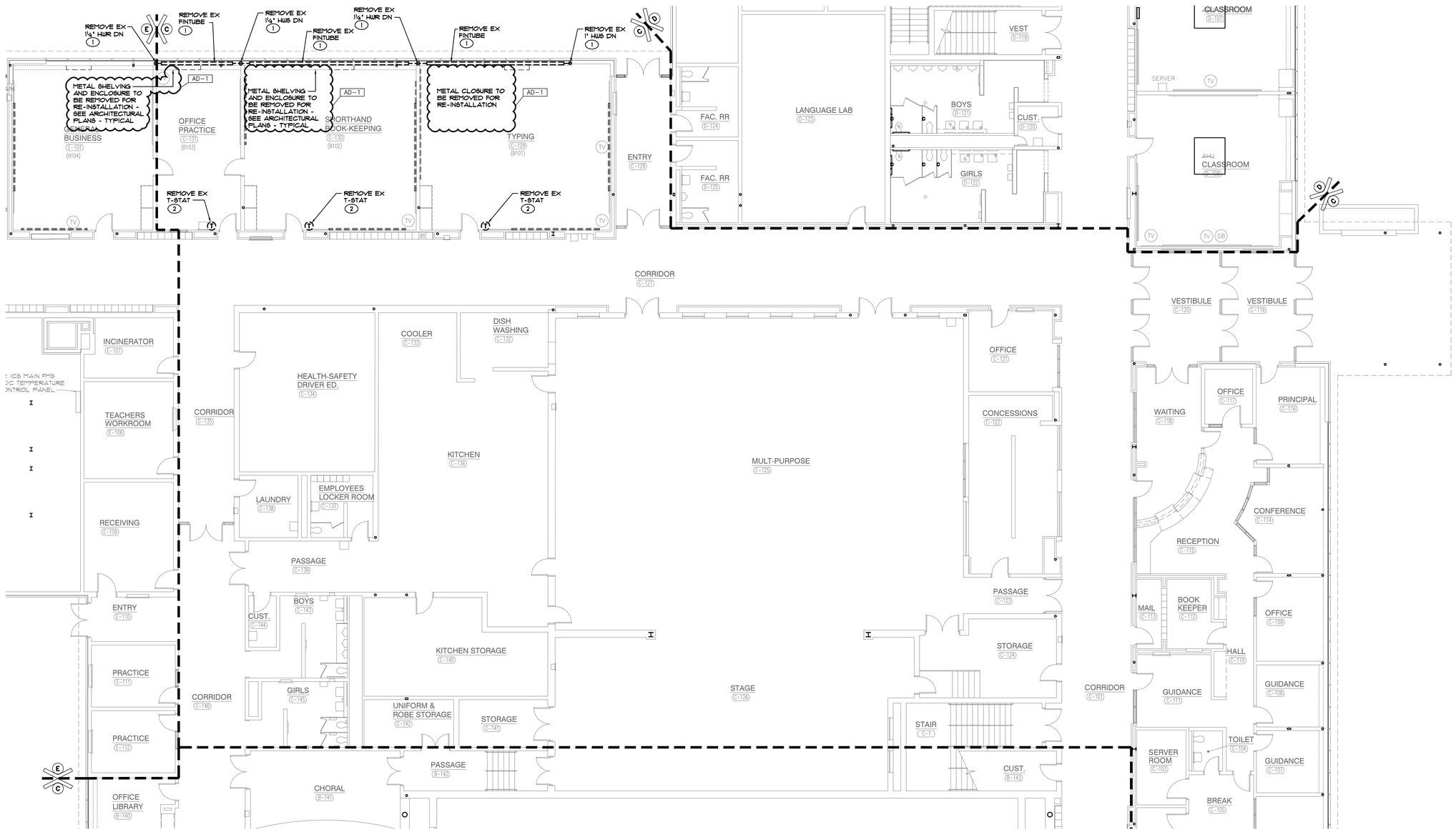
Tuesday, 9/8/2020 – 10:08 AM – LAST SAVED BY:MARCO
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT FOLDER (2020)\2020-039-GIBRALTAR – LAVILLE JR SR HIGH SCHOOL\2020-039-HOOD.DWG
CAD\QP-2020-039-HOOD.DWG

SHEET NOTES

1. REMOVE EXISTING FINTUBE RADIATION AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, ENCLOSURE, VALVES, ETC. COMPLETE AS REQUIRED. CAP HOT WATER SUPPLY AND RETURN PIPING BELOW FLOOR IN TUNNEL.
2. REMOVE EXISTING THERMOSTAT AND ASSOCIATED TUBING COMPLETE AS REQUIRED.



UNIT "C" FIRST FLOOR DEMOLITION PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

NORTH

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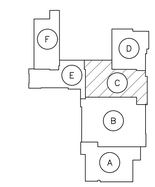
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



KEYPLAN
SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY BK
DRAWN BY GL, CC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
UNIT "C" FIRST FLOOR DEMOLITION PLAN - MECHANICAL HVAC

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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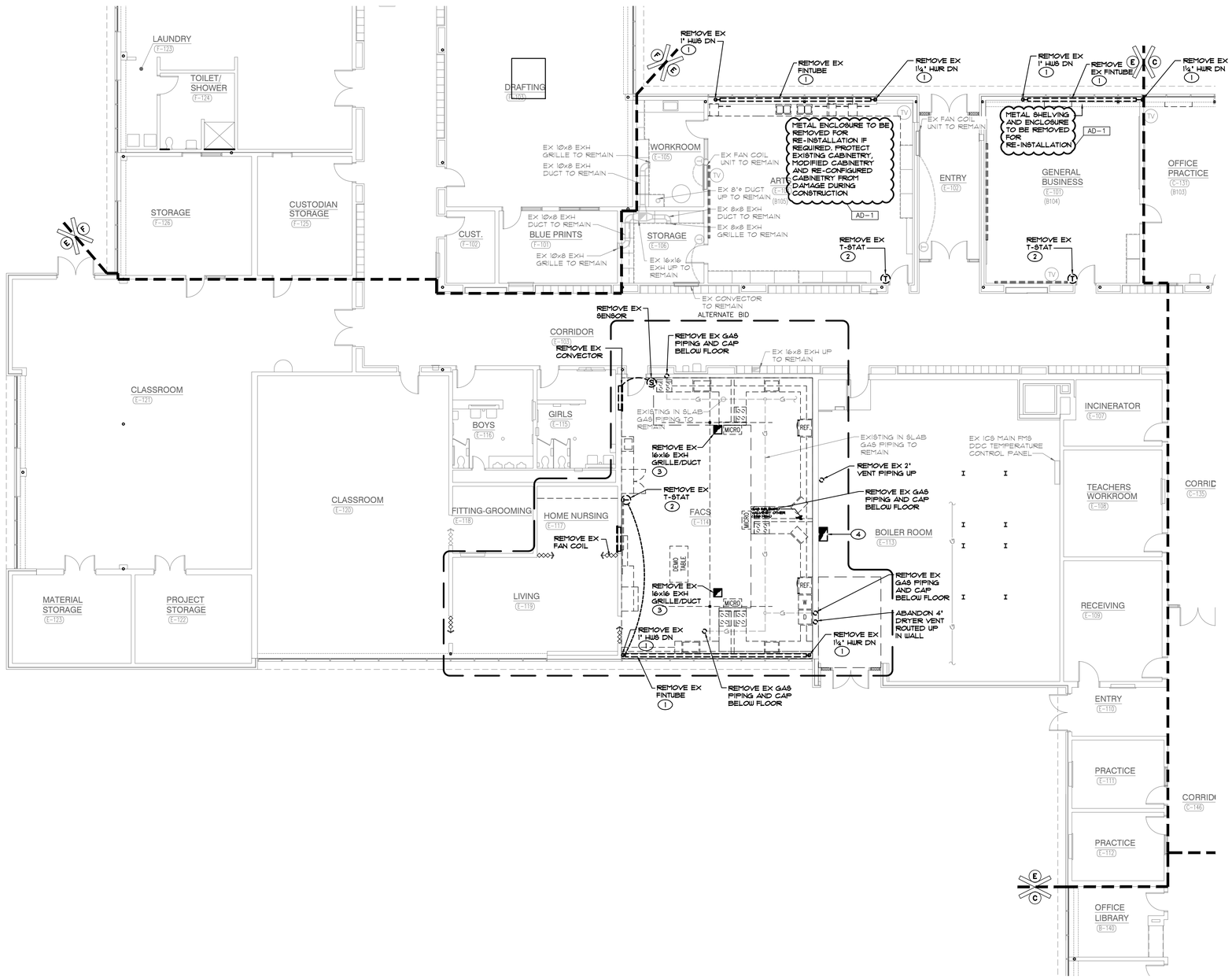
SHEET NOTES

1. REMOVE EXISTING FINTUBE RADIATION AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, ENCLOSURE, VALVES, ETC. COMPLETE AS REQUIRED. CAP HOT WATER SUPPLY AND RETURN PIPING BELOW FLOOR IN TUNNEL.
2. REMOVE EXISTING THERMOSTAT AND ASSOCIATED TUBING COMPLETE AS REQUIRED.
3. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
4. REMOVE EXISTING EXHAUST DUCTWORK. CAP EXISTING DUCT AT WALL WITH INSULATED (MIN R-30) CAP. COMPLETE AS REQUIRED.



UNIT "E" FIRST FLOOR DEMOLITION PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

NORTH

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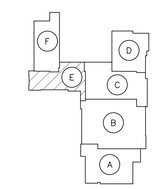
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



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PROJECT 20-126
DATE 08/24/20
COORDINATED BY BK
DRAWN BY GL, CC
CHECKED BY DJ

DAVID G. JANEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
UNIT "E" FIRST FLOOR DEMOLITION PLAN - MECHANICAL HVAC

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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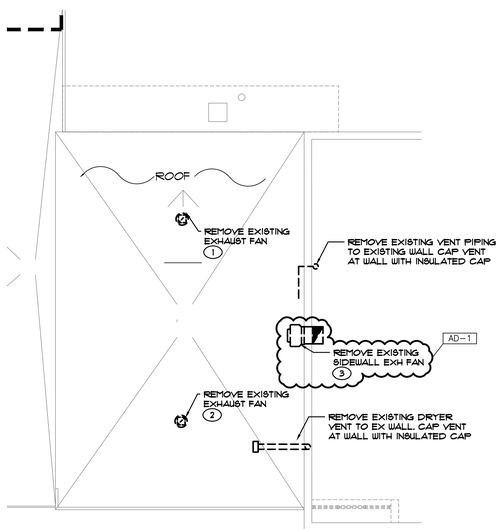
SHEET NOTES

1. REMOVE EXISTING EXHAUST FAN AND ASSOCIATED EXHAUST DUCT, EXHAUST GRILLE, ROOF CURB, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
2. REMOVE EXISTING EXHAUST FAN AND ASSOCIATED EXHAUST DUCT, EXHAUST GRILLE, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED - PROVIDE NEW INSULATED (MIN R-30 INS.) GALVANIZED SHEETMETAL CURB CAP AND SEAL WEATHERTIGHT.
3. REMOVE EXISTING SIDEWALL MOUNTED EXHAUST FAN AND ASSOCIATED EXHAUST DUCTWORK, EXHAUST GRILLE, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.

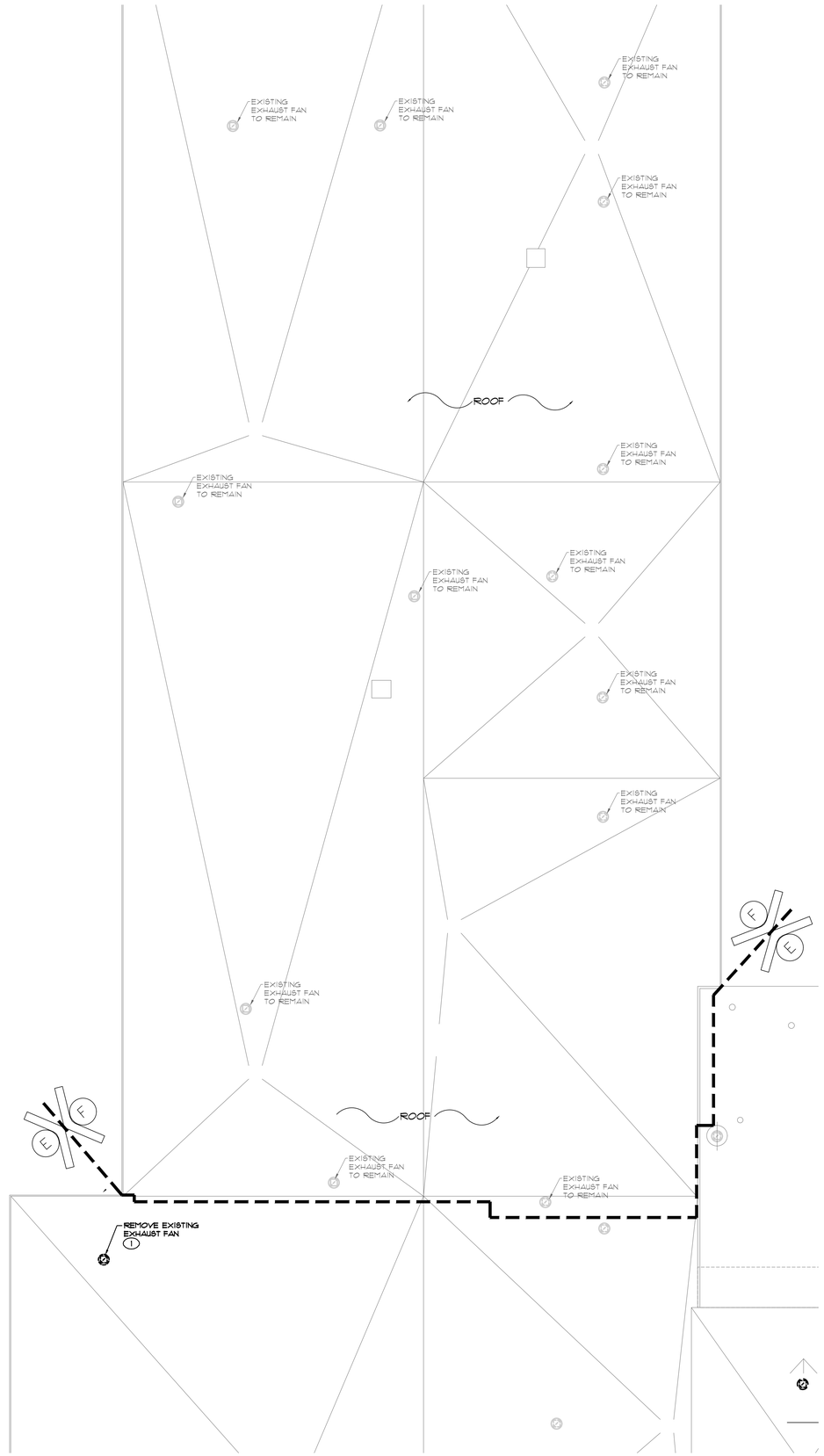
AD-1



UNIT "E" ROOF DEMOLITION PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

NORTH



UNIT "F" ROOF DEMOLITION PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

NORTH

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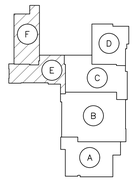
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



KEYPLAN
SCALE: NONE

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY BK
DRAWN BY GL, CC
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA DAVID G. JANECK PROFESSIONAL ENGINEER

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DRAWING
UNIT "E" & "F" ROOF DEMOLITION PLAN - MECHANICAL HVAC

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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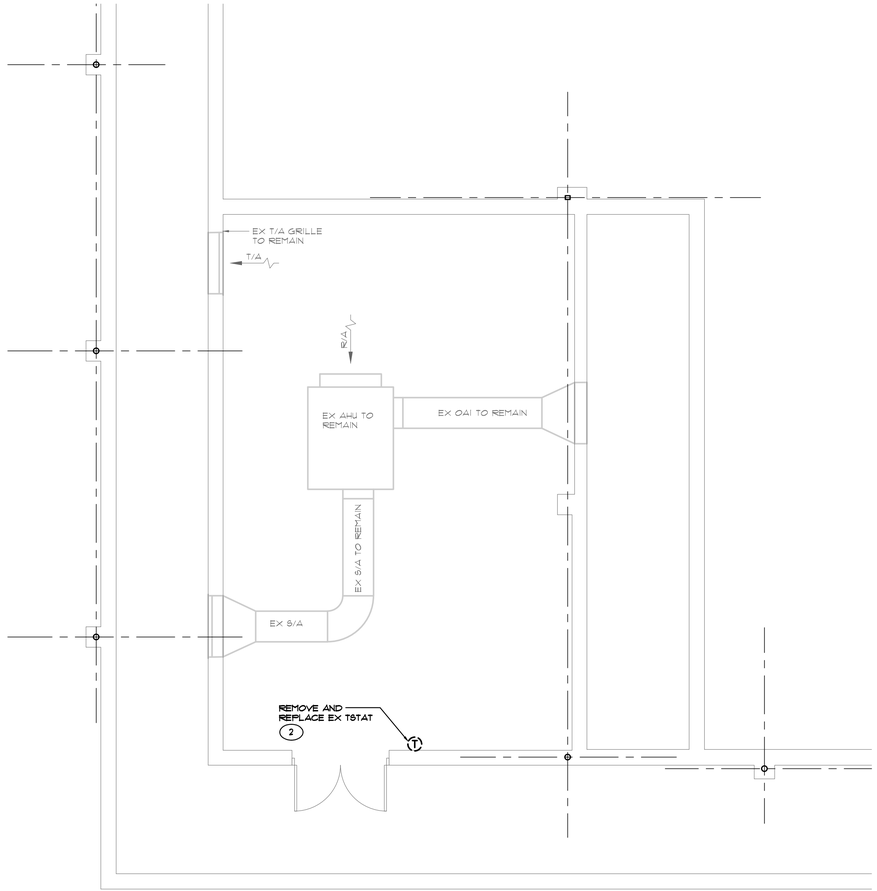
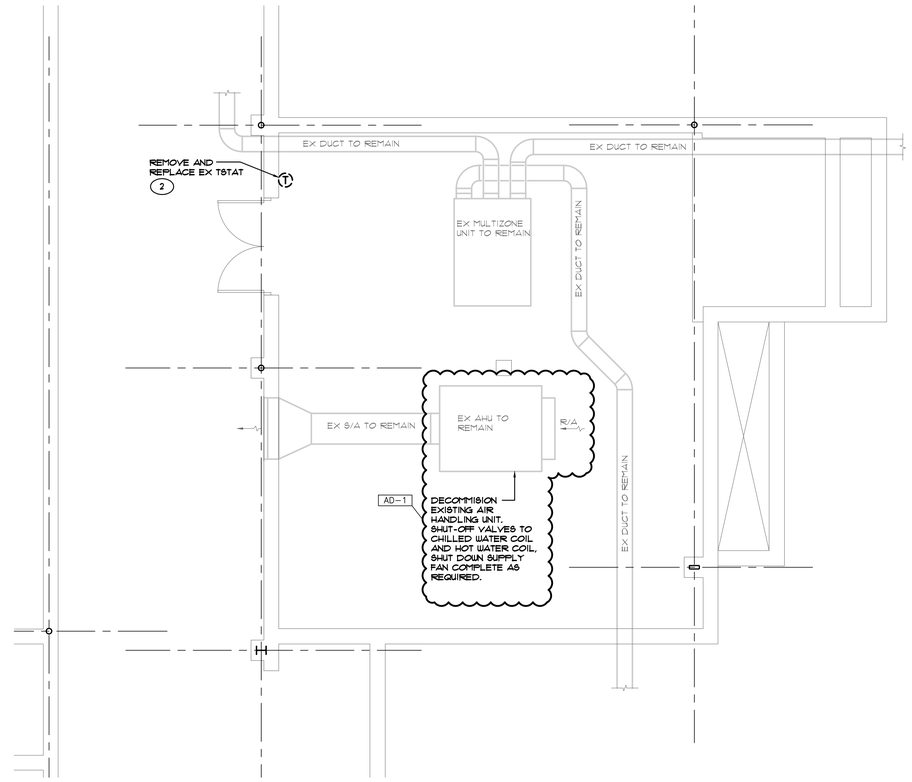
SHEET NOTES

1. REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING AND ASSOCIATED VALVES, ETC. COMPLETE AS REQUIRED.
2. REMOVE AND RELOCATE EXISTING THERMOSTAT TO NEW LOCATION COMPLETE AS REQUIRED. MODIFY EXISTING CONTROL WIRING FOR NEW LOCATION COMPLETE AS REQUIRED



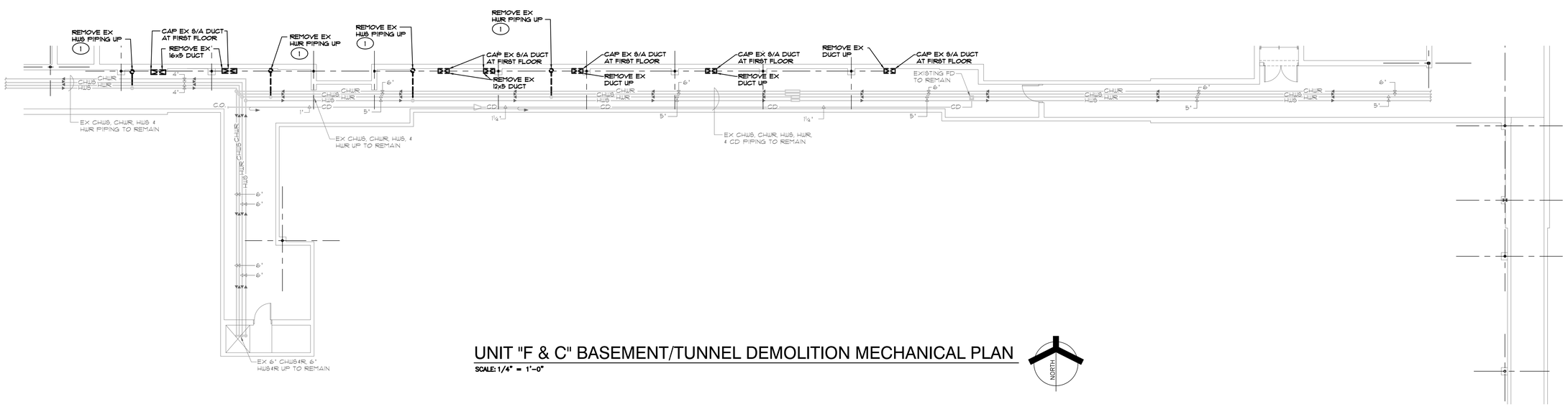
UNIT "F" BASEMENT/TUNNEL DEMOLITION MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



UNIT "D" BASEMENT/TUNNEL DEMOLITION MECHANICAL PLAN

SCALE: 1/4" = 1'-0"



UNIT "F & C" BASEMENT/TUNNEL DEMOLITION MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

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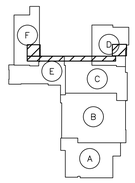
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



KEYPLAN
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PROJECT 20-126
DATE 08/24/20
COORDINATED BY BK
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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

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DRAWING
DEMOLITION ENLARGED MECHANICAL PLANS

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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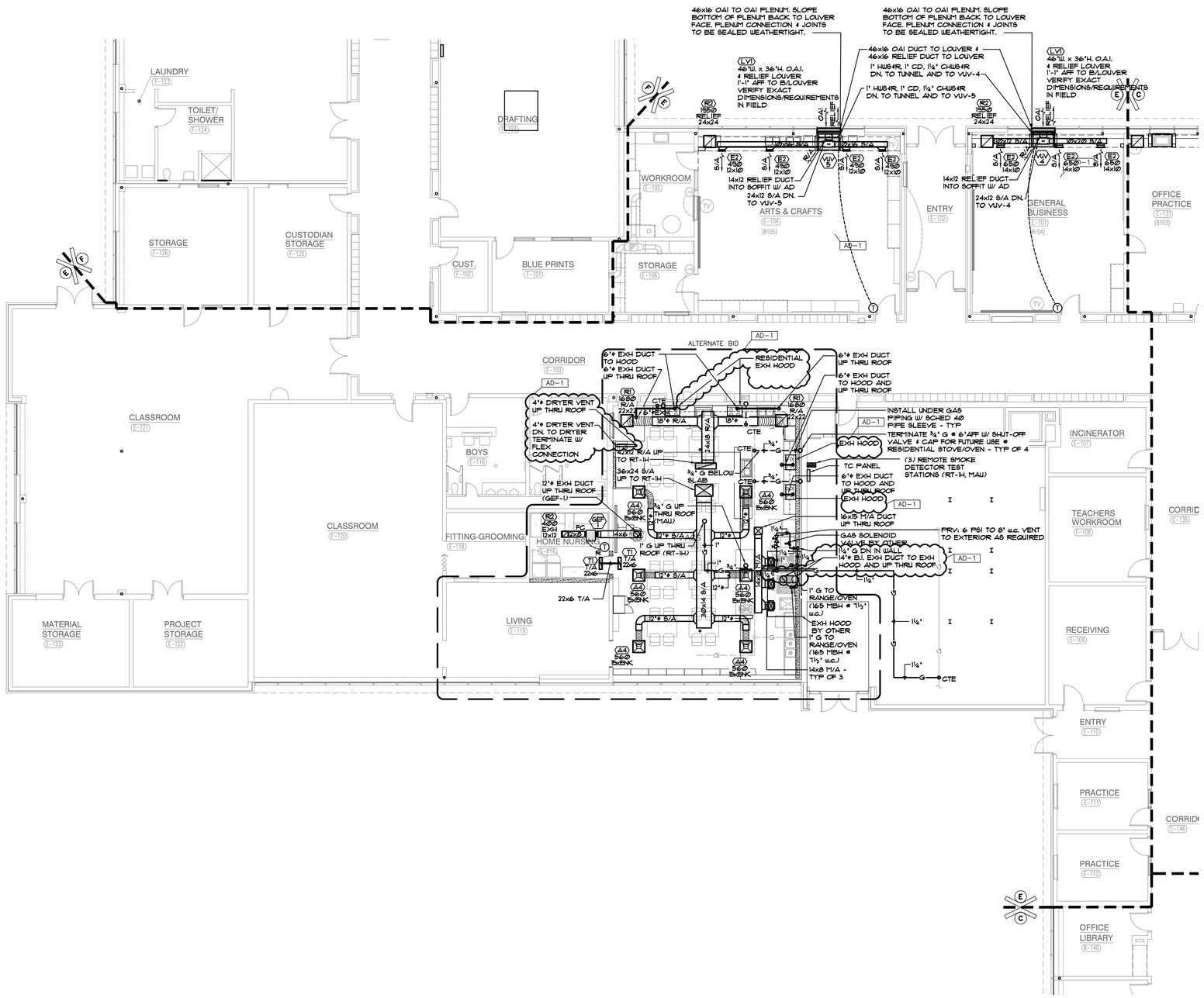

UNIT "E" FIRST FLOOR PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

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LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

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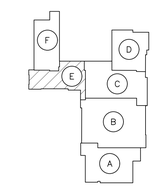
LAKEVILLE, IN 46536



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DRAWING
UNIT "E" FIRST FLOOR PLAN - MECHANICAL HVAC

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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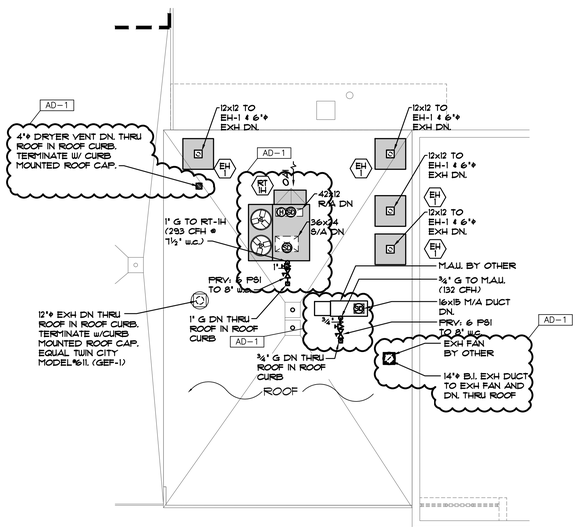
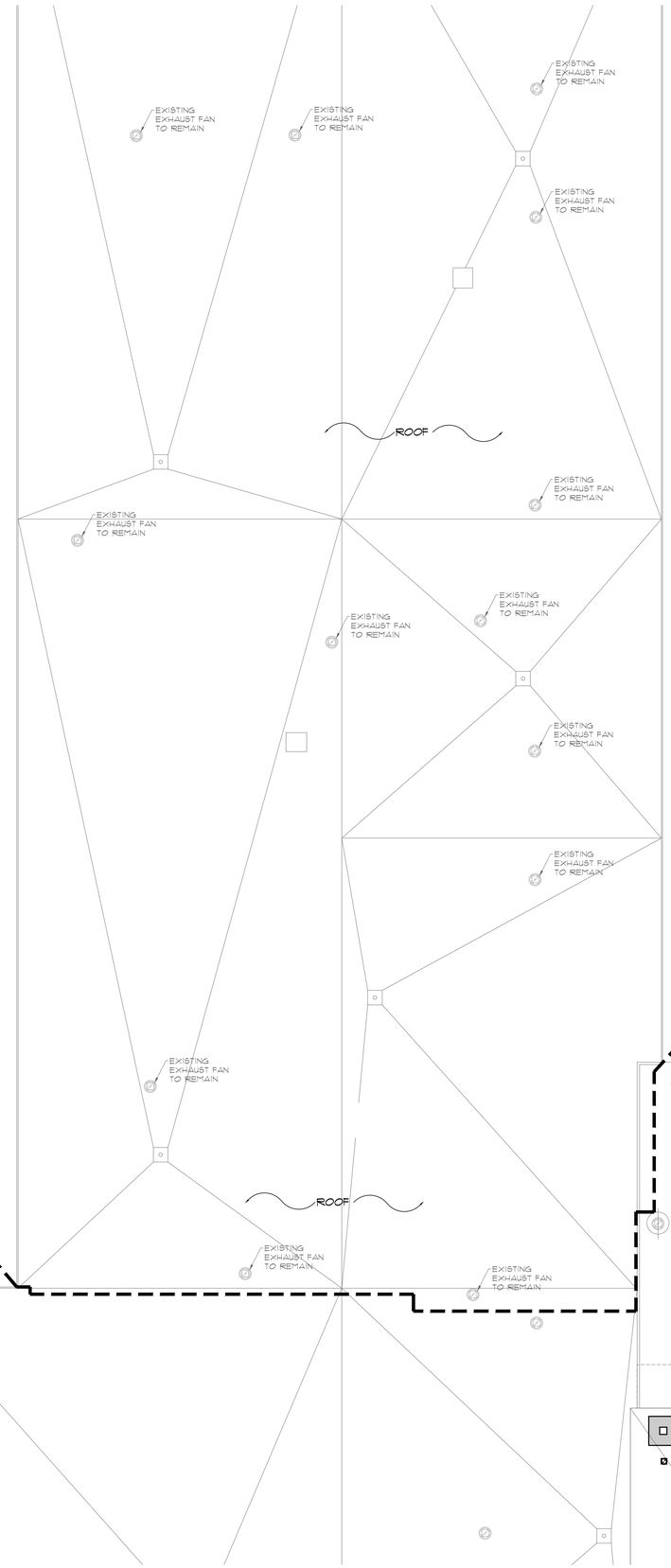


UNIT "E" ROOF PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"



UNIT "F" ROOF PLAN - MECHANICAL HVAC

SCALE: 1/8"=1'0"

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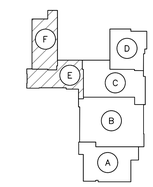
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



KEYPLAN

SCALE: NONE

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PROJECT 20-126

DATE 08/24/20

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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANECK

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DRAWING

UNIT "E" & "F" ROOF PLAN - MECHANICAL HVAC

PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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TYPICAL UNIT VENTILATOR SECTION

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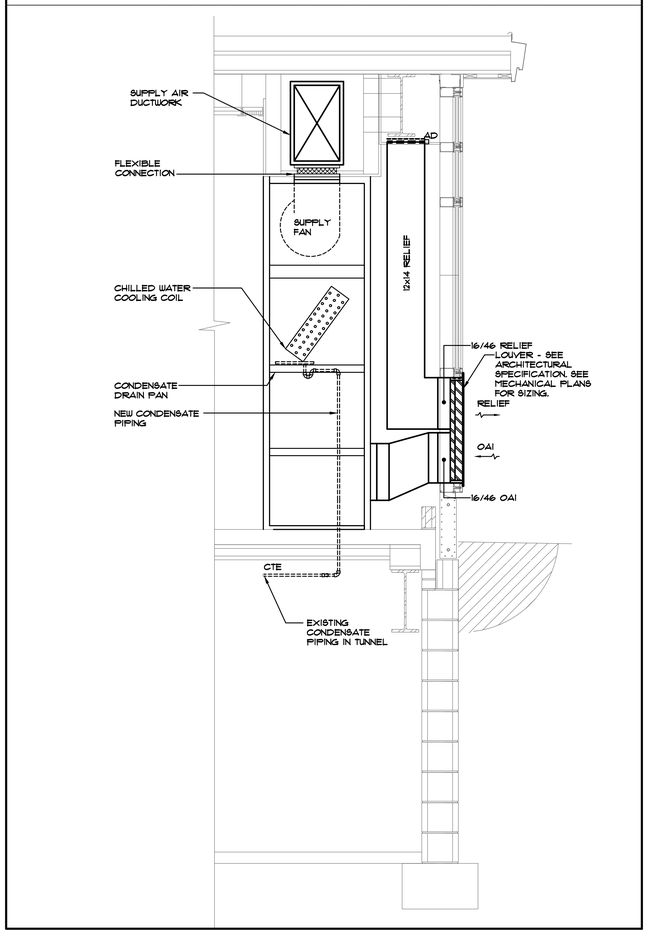
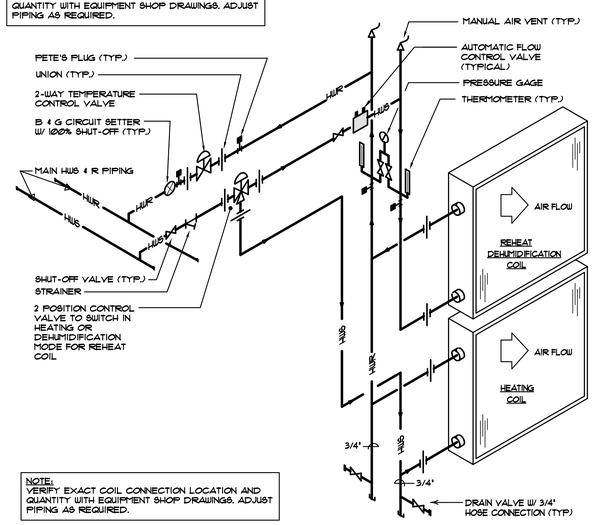


HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR HEATING COILS @ VERTICAL UNIT VENTILATORS

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.



NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

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 CUT-OF-DOORS AND ADJACENT SPACES. COORDINATE THE INSTALLATION OF PARTITIONS/DIVIDERS WITHIN CEILING SPACE AS REQUIRED TO CONFINE 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. COORDINATE KITCHEN EXHAUST SIZE REQUIREMENT WITH KITCHEN EQUIPMENT LAYOUT BEFORE ORDERING EQUIPMENT. PROVIDE REMOVABLE SHEETMETAL HOUSING OVER AUTOMATIC DAMPER ACTUATOR ON EXTERIOR OF ROOF CURB SERVING KITCHEN EXHAUST FANS AS REQUIRED.

M. VERIFY EXACT THERMOSTAT AND SENSOR LOCATIONS IN FIELD PRIOR TO ROUGH-IN OR INSTALLATION. CONTROL WIRING TO BE ROUTED IN CONDUIT.

N. 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.

O. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY EQUIPMENT, DUCTWORK AND PIPING AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.

P. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL 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 MECHANICAL SYSTEMS.

Q. 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.

R. VISIT SITE PRIOR TO BIDDING TO FULLY DETERMINE FIELD CONDITIONS AND TO VERIFY EXISTING MECHANICAL SYSTEMS INCLUDING QUANTITIES AND LOCATIONS TO DETERMINE THE FULL EXTENT OF NEW AND DEMOLITION WORK.

S. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW MECHANICAL SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET SCOPE OF NEW WORK.

T. EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY. BE RESPONSIBLE TO PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REVIEWED AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.

U. ANY HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. OTHERWISE, BE RESPONSIBLE FOR ANY AND REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.

V. REMOVE EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, DUCTWORK, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD. REMOVE EXISTING ABANDONED EQUIPMENT, DUCTWORK AND PIPING IN AREAS THAT ARE TO BE RENOVATED.

W. REMOVED DUCTWORK, PIPING AND CONTROLS ARE TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. PATCH AND SEAL EXISTING DUCTWORK AIRTIGHT. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL DUCTWORK, PIPING AND CONTROLS AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. REPAIR DAMAGED DUCTWORK AND PIPING INSULATION DUE TO NEW INSTALLATION WORK.

X. EXISTING EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND OWNER SHALL DETERMINE IF EQUIPMENT IS TO BE STORED ON SITE AT OWNER SELECTED LOCATION OR IF EQUIPMENT IS TO BE ABANDONED OR REMOVED FROM SITE.

Y. 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. OPENINGS IN MASONRY WALLS RESULTING FROM REMOVED THERMOSTATS ARE TO BE COVERED WITH A BLANK STAINLESS STEEL COVER PLATE.

Z. PROVIDE AND INSTALL PVC PIPE PLENUM WRAP, TESTED TO UL 84 AND UL 910, FOR ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.

AA. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

AB. 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.

AC. PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING WALL AND ROOF CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW DUCTWORK, PIPING AND EQUIPMENT. SEAL PENETRATIONS THROUGH WALL AND ROOF STRUCTURE WATERTIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.

AD. MOUNT NEW THERMOSTATS IN EXISTING SPACES AT LOCATIONS VACATED BY OLD THERMOSTAT WHEN POSSIBLE. REUSE EXISTING CONDUIT IF FOUND TO BE IN GOOD CONDITION.

AE. PROVIDE AN APPROVED SURFACE MOUNTED RACEWAY AS REQUIRED FOR INSTALLATION OF NEW THERMOSTATS ON EXISTING WALLS TO CONCEAL CONTROL WIRING. SUBMIT SAMPLE OF RACEWAY FOR REVIEW. COORDINATE ROUTING OF RACEWAYS WITH EXISTING BUILDING CONDITIONS AND ADJUST ROUTING TO AVOID CONFLICTS AND TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE MOUNTED RACEWAY.

AF. REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.

AG. MINIMUM SIZE FOR HOT WATER HEATING SUPPLY AND RETURN PIPING TO BE 3/4".

AH. DRAIN AND REFILL EXISTING PIPING SYSTEMS AS REQUIRED FOR INSTALLATION OF NEW WORK. PROVIDE CHEMICAL TREATMENT, GLYCOL/ANTI-FREEZE MIXTURE FOR WATER PIPING SYSTEM ACCORDING TO OWNER'S REQUIREMENTS AFTER SYSTEM IS FILLED AND VENTED. PROPERLY VENT PIPING SYSTEMS.

AI. PROVIDE CONDENSATE PIPING FROM ROOF TOP HVAC UNITS, COOLING COIL DRAIN PANS, CONDENSATE PUMPS, 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.

AJ. PROVIDE CONDENSATE PUMPS, RECEIVERS, PIPING AND ELECTRICAL CONNECTIONS AS REQUIRED AT EQUIPMENT WHERE EQUIPMENT DRAINS CANNOT BE DRAINED BY GRAVITY DUE TO FIELD CONDITIONS.

AK. 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 GROUPED 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.

AL. MODIFY EXISTING CONDITIONS FOR NEW UNIT VENTILATOR INSTALLATION AS REQUIRED. INFILL EXISTING MASONRY WALLS BEHIND REMOVED UNIT VENTILATORS FLUSH TO SURROUNDING WALL AS REQUIRED. CUT AND TRIM EXISTING SILLS FLUSH WITH EXISTING WALLS SO THAT UNIT VENTILATOR INSTALLATION WILL BE FLUSH TO WALL. PROVIDE PIPE ENCLOSURE AROUND EXISTING PIPING AND CONDUITS THROUGH WALL OR FLOOR TO UNIT VENTILATOR THAT WOULD NOT FIT WITHIN NEW UNIT VENTILATOR CABINET.

AM. REMOVE EXISTING DOORS AND PORTIONS OF WALLS, CEILINGS, ETC. AS REQUIRED TO INSTALL NEW MATERIAL AND EQUIPMENT IN EXISTING LOCATIONS. REBUILD WALLS, CEILINGS AND REINSTALL EXISTING DOORS AS REQUIRED AFTER INSTALLATION OF NEW MATERIAL AND EQUIPMENT. PATCH AND FINISH TO MATCH EXISTING.

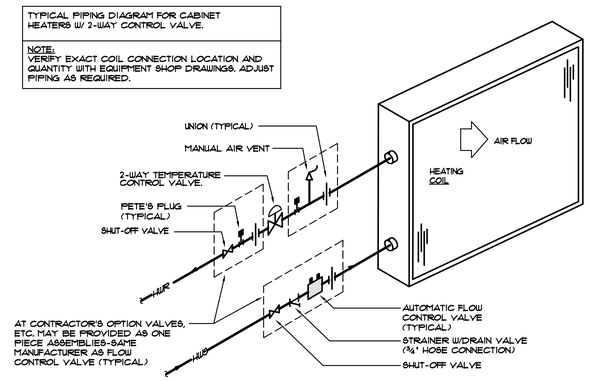
AN. PROVIDE ROOF PIPING SUPPORTS FOR PIPING ROUTED ALONG ROOF. SINGLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP-10 ROLLER GUIDE SUPPORT. MULTIPLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP10 CHANNEL GUIDE SUPPORT. SUPPORTS ARE TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. SUPPORTS TO BE COMPATIBLE WITH AND MAINTAIN THE INTEGRITY (AND EXISTING WARRANTY IF APPLICABLE) OF THE EXISTING OR NEW ROOF SYSTEM.

HOT WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR CABINET HEATERS W/ 2-WAY CONTROL VALVE.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.

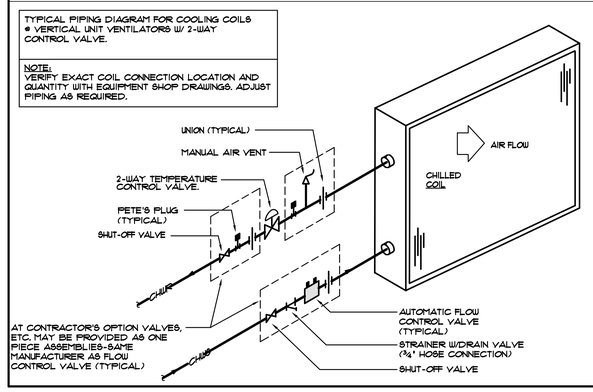


CHILLED WATER COIL PIPING DIAGRAM

SCHEMATIC ONLY

TYPICAL PIPING DIAGRAM FOR COOLING COILS @ VERTICAL UNIT VENTILATORS W/ 2-WAY CONTROL VALVE.

NOTE:
VERIFY EXACT COIL CONNECTION LOCATION AND QUANTITY WITH EQUIPMENT SHOP DRAWINGS. ADJUST PIPING AS REQUIRED.



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PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536

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PROJECT 20-126
DATE 08/24/20
COORDINATED BY BK
DRAWN BY GL, CC
CHECKED BY DJ

REGISTERED NO. 10302590 STATE OF INDIANA DAVID G. JANECEK PROFESSIONAL ENGINEER

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REVISIONS

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AD-1	09/08/20	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC NOTES & DETAILS

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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M-201

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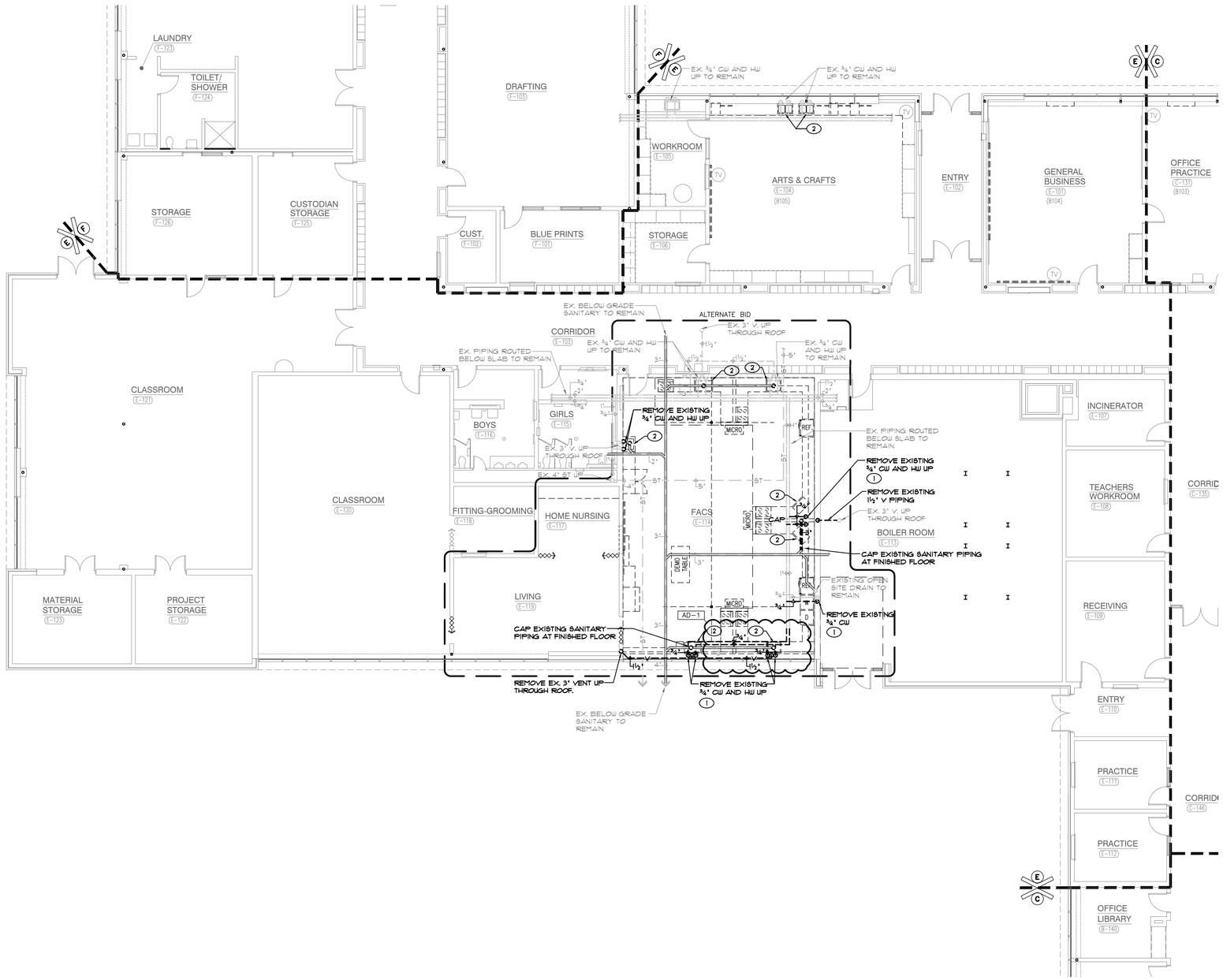
SHEET NOTES

1. REMOVE EXISTING DOMESTIC HOT AND COLD WATER PIPING COMPLETE AS REQUIRED. CAP EXISTING PIPING AT MAIN BELOW FINISHED FLOOR.
2. REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.



UNIT "E" FIRST FLOOR DEMOLITION PLAN - PLUMBING

SCALE: 1/8"=1'0"

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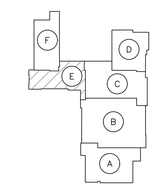
PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
LAKEVILLE, IN 46536



KEYPLAN

SCALE: NONE

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PROJECT 20-126

DATE 08/24/20

COORDINATED BY BK

DRAWN BY GL, CC

CHECKED BY DJ

REGISTERED DAVID G. JANNEY NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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UNIT "E" FIRST FLOOR DEMOLITION PLAN - PLUMBING

PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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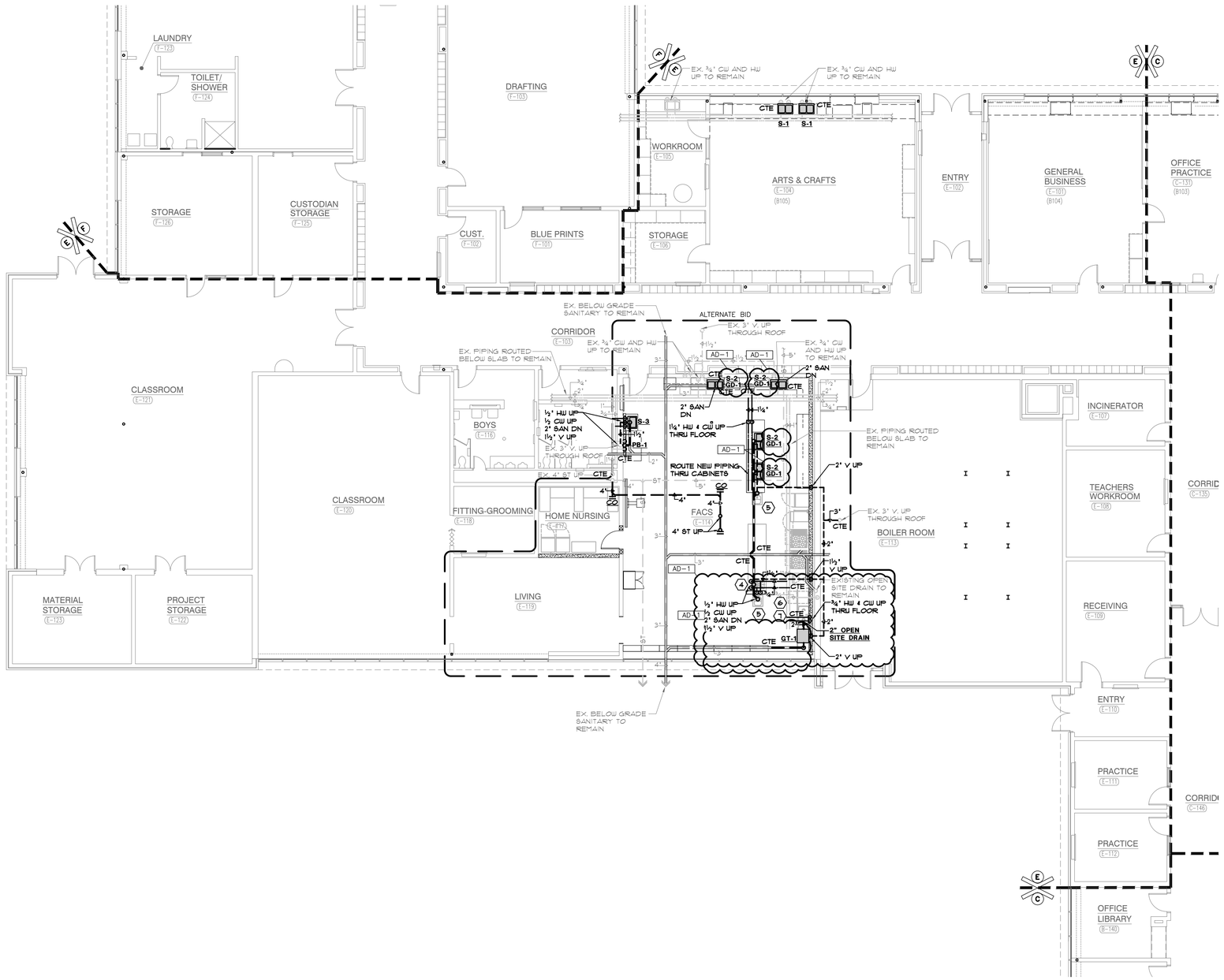

UNIT "E" FIRST FLOOR PLAN - PLUMBING

SCALE: 1/8"=1'0"

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PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

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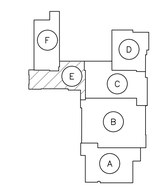

KEYPLAN
SCALE: NONE

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UNIT "E" FIRST FLOOR PLAN - PLUMBING

PROJECT
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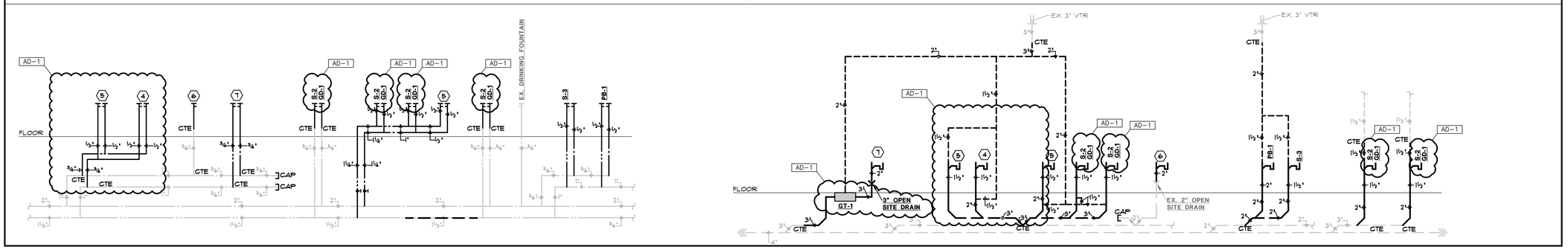
PLUMBING EQUIPMENT AND FIXTURE SCHEDULE

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)	ELECTRICAL DATA HP	MCA	FLA	AMPS	MOCP	VOLT	PH	HZ	STARTER BY: PC.	EC.
S-1	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 29"x18"x6"	ELKAY #LRAD-2918660	NOTE #1	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #4	ELKAY #35 STRAINER, ELKAY #LK-53 DRAIN ASSEMBLY, MCGUIRE #42167CCLK SUPPLIES,JOSAM #61030 SOLIDS INTERCEPTOR	-	-	-	-	-	-	-	-	-	-
AD-1 S-2	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6.5"	ELKAY #LWDB-331964	NOTE #1	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #4	ELKAY #35 STRAINER, ELKAY #LK-53 DRAIN ASSEMBLY, MCGUIRE #42167CCLK SUPPLIES	-	-	-	-	-	-	-	-	-	-
S-3	SINK	STAINLESS STEEL SINK, 19"x18"x4"	ELKAY #LRAD-191840	NOTE #1	2 HANDLE, HIGH GOOSENECK	ELKAY #LKD2442BHC	NOTE #4	ELKAY #35 STRAINER, ELKAY #LK-53 DRAIN ASSEMBLY, MCGUIRE #42167CCLK SUPPLIES	-	-	-	-	-	-	-	-	-	-
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-EU	NOTE #2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB #R1200-W	NOTE #2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AD-1 PB-1	PLUMBERS BOX	FOR CLOTHES WASHER	GUY GRAY #B200TS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GD-1	GARBAGE DISPOSAL	UNDER COUNTER GARBAGE DISPOSAL	MOEN #GXP50C	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	-
AD-1 GT-1	GREASE TRAP	25 GPM, LIQUID CAP 10 GAL	SCHIER #SB1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

NOTE #1: ELKAY
NOTE #2: ZURN, JOSAM, J.R. SMITH, MIFAB

RISER DIAGRAM



SYMBOLS AND ABBREVIATIONS

- EXISTING UNDERGROUND SANITARY PIPING
- ST — EXISTING UNDERGROUND STORM SEWER
- EXISTING COLD WATER PIPING
- EXISTING HOT WATER PIPING
- EXISTING HOT WATER RECIRCULATION PIPING
- EXISTING PIPING
- NEW UNDERGROUND SANITARY SEWER
- ST — NEW UNDERGROUND STORM SEWER
- NEW COLD WATER PIPING
- NEW HOT WATER PIPING
- NEW HOT WATER RECIRCULATION PIPING
- NEW VENT PIPING
- ST — NEW OVERHEAD STORM PIPING
- NEW OVERHEAD SANITARY PIPING
- PIPE PITCHED DOWN IN DIRECTION OF FLOW
- DIRECTION OF FLOW
- PIPE DOWN
- PIPE UP
- SHUT-OFF VALVE
- SHEET NOTE TAG
- MECHANICAL EQUIPMENT TAG

CO	CLEANOUT
CTE	CONNECT TO EXISTING
CW	COLD WATER
DN	DOWN
EX.	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
L	LAVATORY
OFRD	OVERFLOW ROOF DRAIN
RCP	HOT WATER RECIRCULATION PUMP
RD	ROOF DRAIN
S	SINK
SC	SILL COCK
SE	SEWAGE EJECTOR
V	VENT
VTR	VENT THROUGH ROOF
WC	WATER CLOSET
WH	WATER HEATER
YCO	YARD CLEANOUT

GENERAL NOTES

A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.

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 CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.

C. 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.

D. 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.

E. FIELD 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.

F. LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.

G. 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 PLUMBING SYSTEMS.

H. VERIFY LOCATION AND ELEVATION OF PLUMBING EQUIPMENT, FIXTURES, PIPING, PANELS, ETC. EXPOSED WITHIN OCCUPIED SPACES BEFORE THE START OF ANY ROUGH-IN OR INSTALLATION.

I. COORDINATE VENT THROUGH ROOF LOCATIONS WITH OUTDOOR AIR INTAKE LOCATIONS TO MAINTAIN A MINIMUM SEPARATION OF TEN FEET.

J. VISIT SITE PRIOR TO BIDDING TO DETERMINE FIELD CONDITIONS. VERIFY EXISTING INTERIOR AND EXTERIOR PLUMBING SYSTEMS TO VERIFY QUANTITIES AND LOCATIONS OF EXISTING SYSTEMS TO DETERMINE EXTENT OF NEW AND DEMOLITION WORK. VERIFY EXISTING INTERIOR AND EXTERIOR STORM AND SANITARY PIPING SYSTEMS AS TO ROUTING, SIZE AND INVERT ELEVATION PRIOR TO ANY INSTALLATION OF NEW AND REMOVAL OF ANY EXISTING.

K. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW PLUMBING SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, FIXTURES AND PIPING, ETC., SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK.

L. REMOVE EXISTING EQUIPMENT, FIXTURES, PIPING, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, FIXTURES, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD. REMOVE EXISTING ABANDONED EQUIPMENT, FIXTURES AND PIPING IN AREAS THAT ARE TO BE RENOVATED.

M. 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 EQUIPMENT NOT IDENTIFIED SHALL BE 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.

N. ANY 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 ANY REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.

O. NO FIXTURES, EQUIPMENT, PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD.

P. EXISTING EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND OWNER SHALL DETERMINE IF CONTRACTOR IS TO STORE EQUIPMENT ON SITE AT OWNER SELECTED LOCATION OR IF CONTRACTOR IS TO ABANDON OR REMOVE EQUIPMENT FROM SITE.

Q. REMOVED PIPING IS TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL PIPING AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS.

R. 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.

S. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

T. REMOVE EXISTING CEILINGS REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.

U. PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING FLOOR AND WALL CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW PIPING. SEAL PENETRATIONS THROUGH FLOOR AND WALL STRUCTURE WATERTIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.

V. WORK ON THE ROOF SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE EXISTING ROOFING MANUFACTURER'S RECOMMENDATIONS. ROOF WORK SHALL BE PERFORMED BY CERTIFIED INSTALLERS AS TO MAINTAIN THE EXISTING ROOF WARRANTY. PRIOR TO THE START OF ANY WORK ON THE ROOF, THE EXISTING ROOF SHALL BE INSPECTED AND CERTIFIED BY THE EXISTING ROOFING MANUFACTURER. ANY DEFICIENCIES WHICH OCCUR BETWEEN THE INITIAL AND FINAL INSPECTIONS SHALL BE CORRECTED AT NO COST TO THE OWNER. CORRECTIVE MEASURES SHALL BE PERFORMED BY CERTIFIED INSTALLERS TO MAINTAIN THE EXISTING ROOF WARRANTY.

W. PROVIDE CUTTING, TRENCHING AND PATCHING OF EXISTING FLOOR SLAB REQUIRED FOR THE INSTALLATION OF NEW UNDERGROUND PIPING.

X. 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.

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° ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.

Z. PROVIDE ROUGH-IN AND FINAL CONNECTIONS TO PLUMBING EQUIPMENT AND FIXTURES. SET FIXTURES/EQUIPMENT AND FURNISH AND INSTALL NECESSARY FITTINGS, TRAPS, STOPS, ETC. AS REQUIRED.

AA. PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE ALL VALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED KITCHEN AREA DRAWINGS.

BB. PLUMBING PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, FIRE PROTECTION PIPING, ELECTRICAL AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.

CC. PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

DD. ISOLATION VALVES SHALL BE INSTALLED OVER ACCESSIBLE CEILINGS. WHEN ISOLATION VALVES ARE INSTALLED OVER INACCESSIBLE CEILING AREAS, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO FURNISH AND INSTALL 12" X 12" (MINIMUM) CEILING ACCESS DOORS, TYPE TO BE VANDALPROOF, TAMPERPROOF ASSEMBLIES. INSTALLATION TO BE COORDINATED WITH GENERAL CONTRACTOR.

EE. INVERT ELEVATIONS SHALL BE FIELD COORDINATED WITH FINAL GRADING PLANS TO ENSURE PROPER INSTALLATION.

FF. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS FOR FINAL MOUNTING HEIGHTS OF PLUMBING FIXTURES.

GG. PROTECT NEW AND EXISTING DRAIN OPENINGS AND SANITARY LINES DURING CONSTRUCTION TO PREVENT BLOCKAGE. ROD-OUT EXISTING SANITARY PIPING. PIPING SHALL BE FREE OF BLOCKAGE.

HH. REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.

II. PRIME AND PAINT EXPOSED PIPING IN FINISHED AREAS IN COLOR AS SELECTED BY OWNERS REPRESENTATIVE.

JJ. VIDEOTAPE EXISTING SANITARY MAIN TO CONFIRM EXISTING BRANCH SANITARY CONNECTION POINTS, INVERTS AND CONDITION OF PIPING AS REQUIRED TO COMPLETE WORK. PROVIDE REPORT INDICATING CONNECTION POINT LOCATIONS, INVERTS, AND ANY DEFICIENCIES IN EXISTING SANITARY PIPING SYSTEM PRIOR TO STARTING WORK.

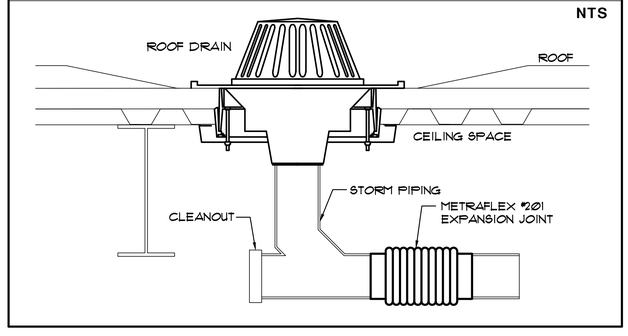
PLUMBING KITCHEN EQUIPMENT SCHEDULE

CONN. NO.	CONNECT TO	COLD WATER	HOT WATER	WASTE	FLOOR DRAINS	REMARKS
4	WORK TABLE	½"	½"	1½"	-	-
5	WALL MOUNTED HAND SINK	½"	½"	1½"	-	-
6	UNDER COUNTER DISHWASHER	-	¾"	2"	-	ROUTE SANITARY TO EXISTING OPEN SITE DRAIN
7	3-COMPT SINK	¾"	¾"	2"	-	ROUTE SANITARY TO NEW OPEN SITE DRAIN

THIS CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE AND INSTALL ALL VALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED KITCHEN AREA DRAWINGS.

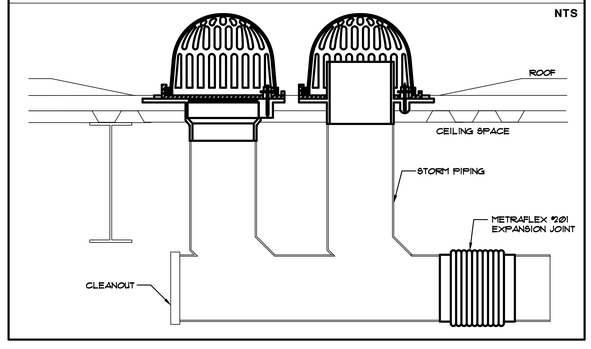
ROOF DRAIN DETAIL

NTS



ROOF and OVERFLOW DRAIN DETAIL

NTS



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PROJECT

LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

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DATE 08/24/20
COORDINATED BY BK
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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANEY

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	09/08/20	ADDENDUM NO. 1

DRAWING
PLUMBING SCHEDULES, NOTES & DETAILS

PROJECT
LAVILLE JR-SR HIGH SCHOOL - 2020 IMPROVEMENTS & RELATED WORK

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