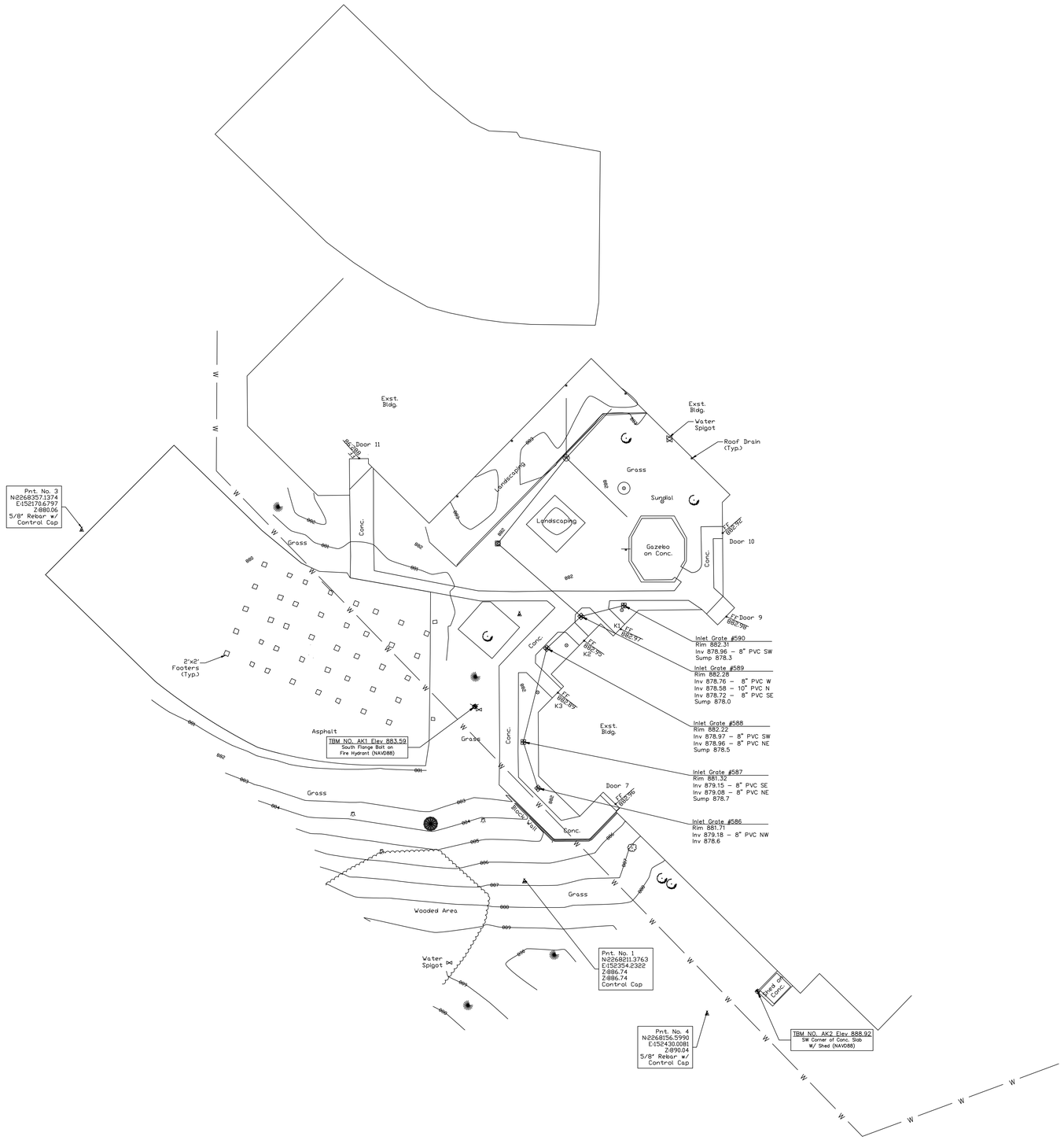

VICINITY MAP
NOT TO SCALE

NORTH

WETLAND MAP
NOT TO SCALE

NORTH

SOIL MAP
NOT TO SCALE

NORTH

SOIL TYPE LEGEND

RopB	Riddles–Oshtemo fine sandy loam, 1 to 5 percent slopes
CvdA	Crosier loam, 0 to 1 percent slopes
BuuA	Brookston loam, 0 to 1 percent slopes

Legend

- Temporary Benchmark
- Control Point
- Misc. Manhole
- Clean Out
- Sanitary Manhole
- Roof Drain
- Inlet Grate
- Fire Hydrant
- Water Valve
- Post
- Sign
- Shrub
- Stump
- Tree (6"–12")
- Tree (13"–24")
- Pine (Up to 6")
- Sanitary Line
- Storm Line
- Chain Link Type Fence
- Treeline

NOTES:

1. TOPOGRAPHIC SURVEY WAS PERFORMED FOR UNITED NORTH SCHOOL CORPORATION IN JUNE, 2020 AND IS FOR THEIR USE ONLY.

2. THIS IS NOT A BOUNDARY SURVEY. RIGHT–OF–WAY LINES AND PROPERTY LINES ARE BASED ON LIMITED FIELD EVIDENCE AND LIMITED RESEARCH. ALL RIGHT–OF–WAY AND PROPERTY LINES SHOWN ARE APPARENT.

3. HORIZONTAL DATUM IS BASED UPON THE INDIANA STATE PLANE COORDINATE SYSTEM, EAST ZONE, GPS DERIVED UTILIZING THE INCORS NETWORK. BASIS OF ELEVATION IS GPS DERIVED UTILIZING THE INCORS NETWORK, NAVD88 DATUM.

4. THIS PROPERTY IS LOCATED IN A FLOOD ZONE "X", AREA DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN, AS TAKEN FROM FEMA FLOOD INSURANCE MAP (FIRM) FOR MARSHALL COUNTY, INDIANA, MAP NUMBER 18099C0035C, EFFECTIVE DATE NOVEMBER 16, 2011.

5. TEMPORARY BENCH MARKS: TBM NO. AK1 ELEVATION 883.59. SOUTH FLANGE BOLT ON FIRE HYDRANT (NAVD 88). TBM NO. AK2 ELEVATION 888.92 SOUTHWEST CORNER OF CONCRETE SLAB WITH SHED (NAVD 88).

6. LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS DRAWING ARE BASED ON EVIDENCE OF ABOVE GROUND FEATURES, LOCATIONS MARKED IN THE FIELD BY OTHERS OR BASED ON INFORMATION PROVIDED BY THE UTILITY COMPANY. NO EXCAVATION SHOULD OCCUR WITHOUT NOTIFICATION OF APPROPRIATE AGENCIES AND UTILITY COMPANIES.

7. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.

GRAPHIC SCALE

20 0 20 40 80

(IN FEET)
1 INCH = 20 FEET

NORTH

GIBRALTAR
PROJECT DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
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PROJECT 20–128
DATE 08/24/20
COORDINATED BY AWM
DRAWN BY AWM
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1	9/7/20	BIDDING ADDENDUM

DRAWING
EXISTING TOPOGRAPHY & UTILITIES

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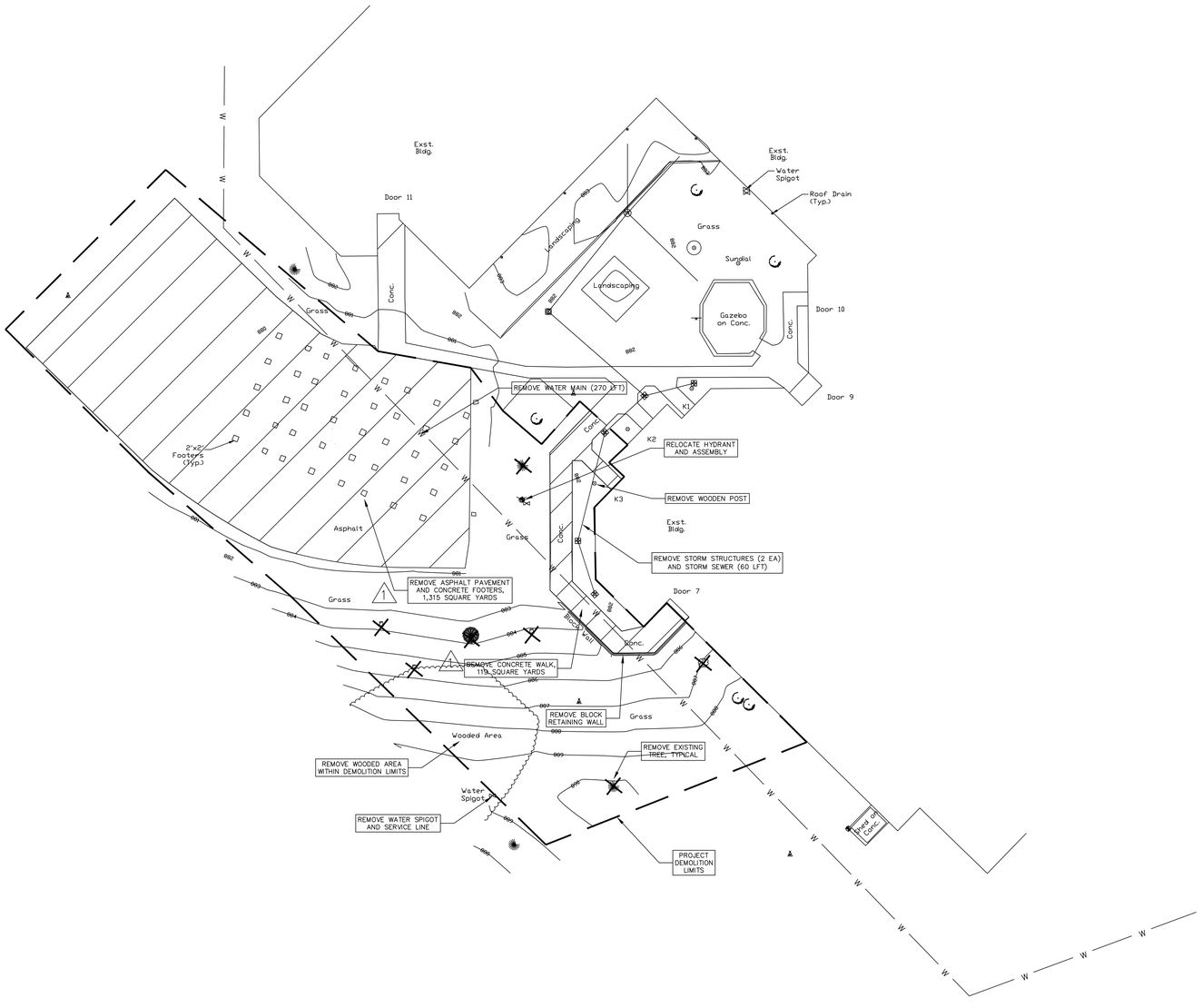

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DRAWING
DEMOLITION PLAN

PROJECT
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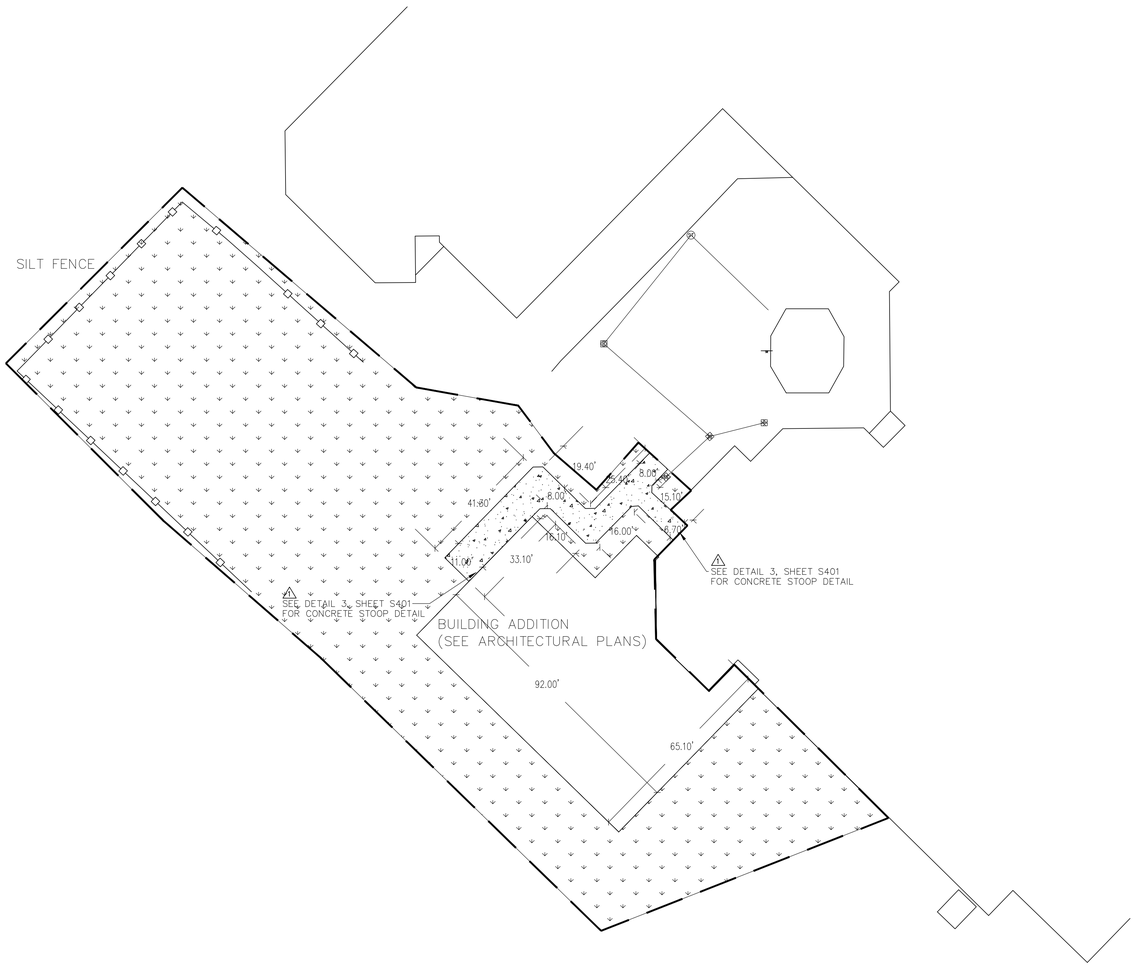

LEGEND

PROPOSED

CONCRETE PAVEMENT

GRASS AREA

SILT FENCE LINE

GRAPHIC SCALE

20 0 20 40 80

(IN FEET)
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NORTH

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SITE PLAN

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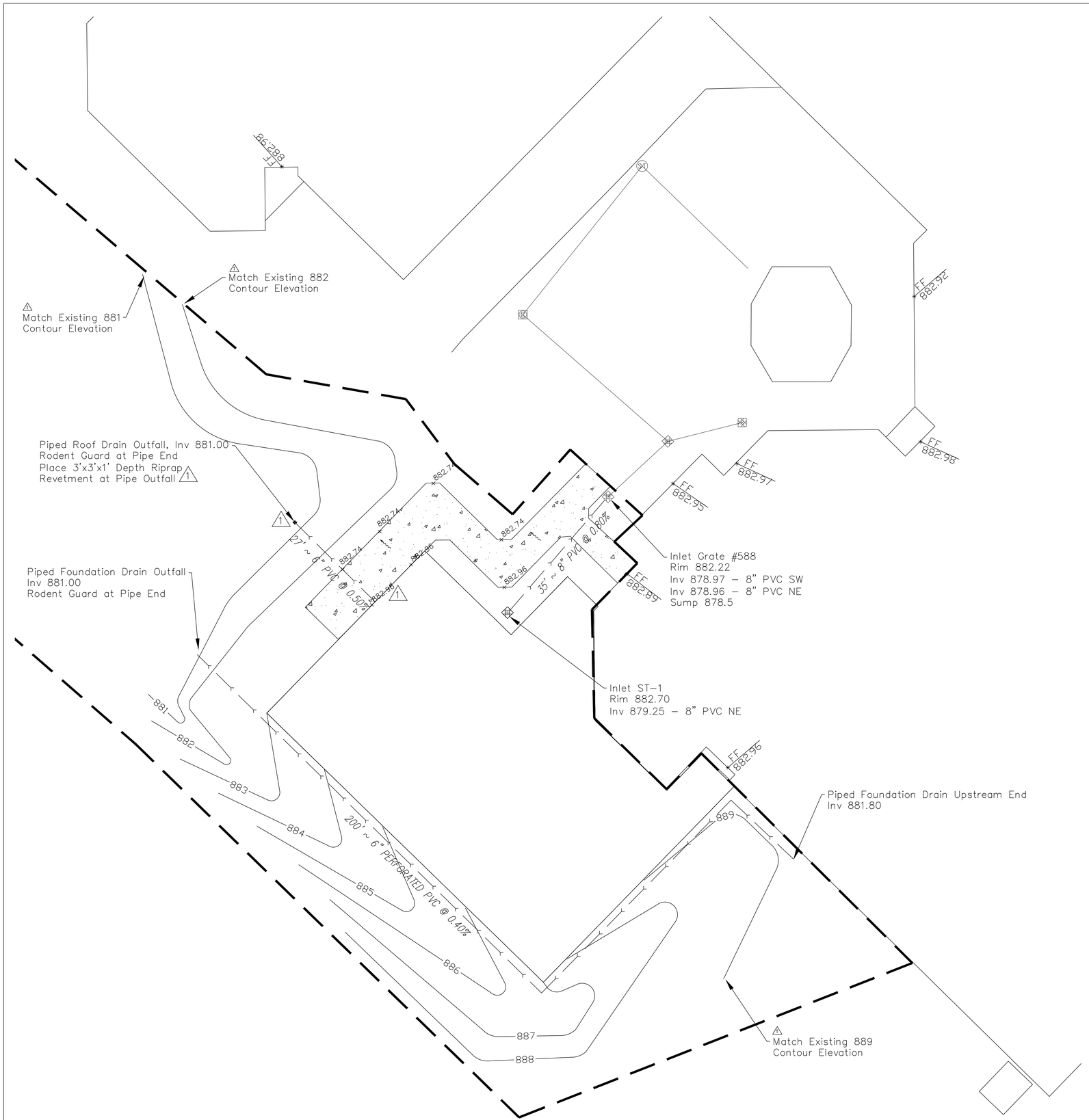

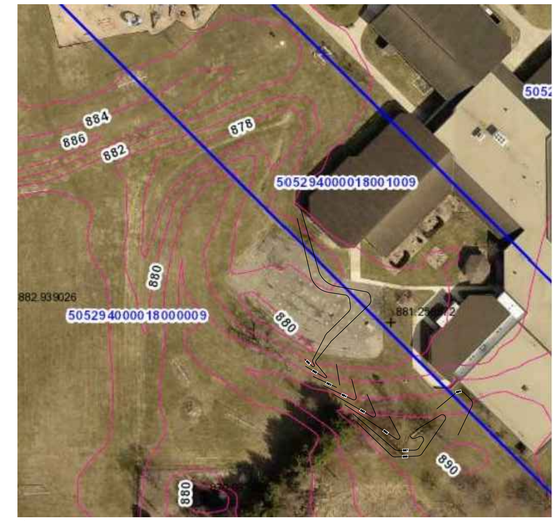

OVERALL CONTOUR MAP - FOR REFERENCE ONLY

GRAPHIC SCALE

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(IN FEET)
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DRAWING
STORM SEWER AND GRADING PLAN

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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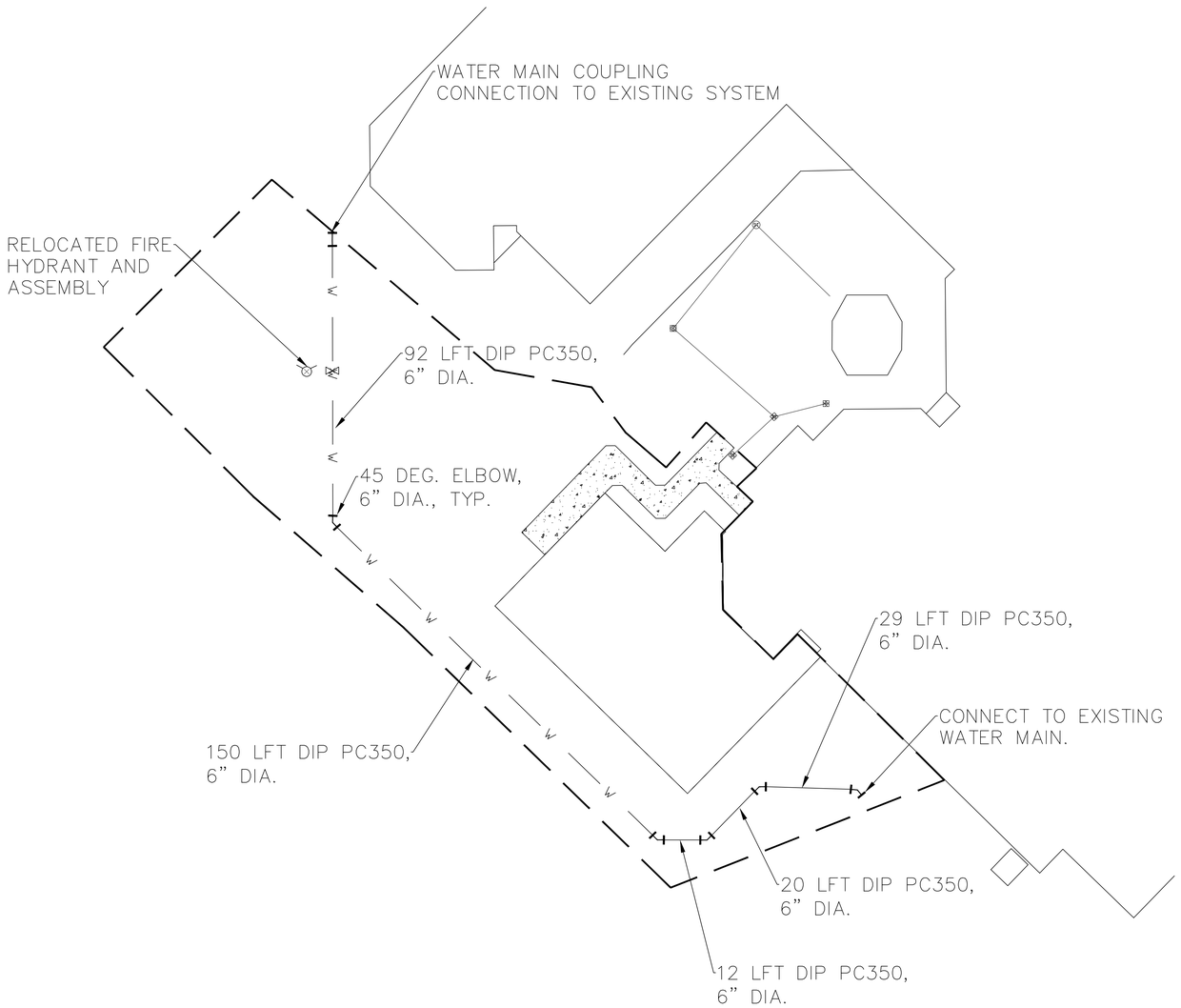

GRAPHIC SCALE

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(IN FEET)
1 INCH = 20 FEET

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DRAWING
WATER MAIN PLAN

PROJECT
LAVILLE ELEMENTARY SCHOOL
- 2020 IMPROVEMENTS

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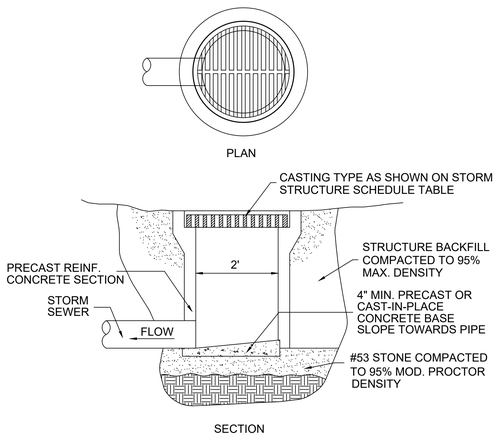
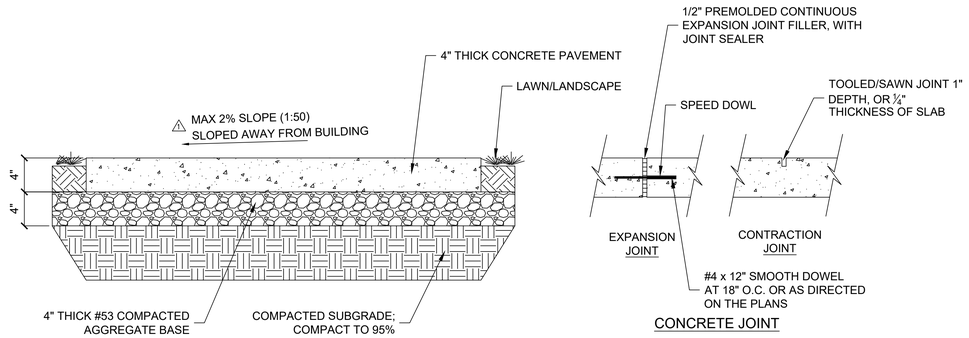
C-4.0



STORM SEWER INLET

NOT TO SCALE

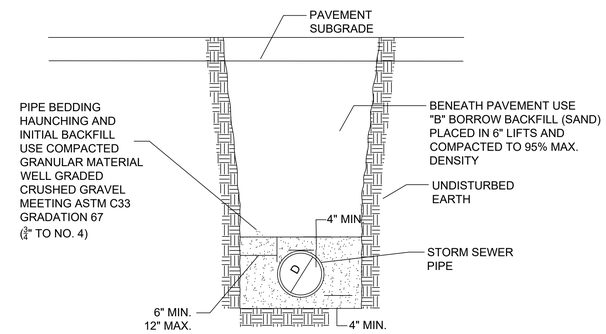


CONCRETE PAVEMENT

NOTES:
1. ALL CONCRETE PAVEMENT SHALL BE CLASS "A" CONCRETE
2. CONCRETE WALK/PAVEMENT SHALL BE 4,000 PSI AT 28 DAYS
3. ISOLATION/EXPANSION JOINTS SHALL BE ½" WIDTH
4. JOINTS MAY BE SAWN OR TOOLED
5. CONTRACTION JOINTS EVERY 8' LENGTH, ISOLATION JOINTS EVERY 30' LENGTH
6. ALL CONCRETE EDGES SHALL BE TOOLED.

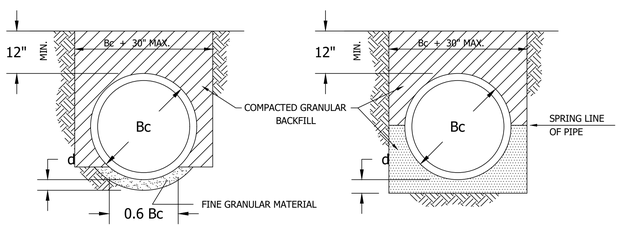
CONCRETE PAVEMENT

NOT TO SCALE



STORM SEWER TRENCH

NOT TO SCALE



SHAPED SUBGRADE WITH GRANULAR FOUNDATION

GRANULAR FOUNDATION

DEPTH OF BEDDING MATERIAL BELOW PIPE	
D	d(MIN.)
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

LEGEND

Bc = OUTSIDE DIAMETER

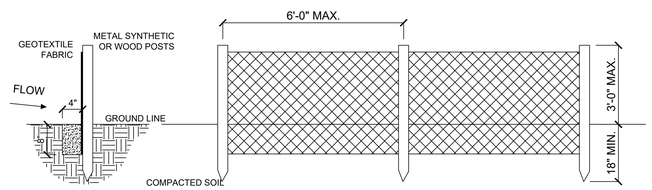
D = INSIDE DIAMETER

d = DEPTH OF BEDDING MATERIAL BELOW PIPE BELL

NOTE:
FOR ROCK OR OTHER NON-COMPRESSIBLE MATERIAL: THE TRENCH SHOULD BE OVER-EXCAVATED A MIN. OF 6" & REFILLED w/ GRANULAR MATERIAL.

RIGID PIPE BEDDING

NOT TO SCALE

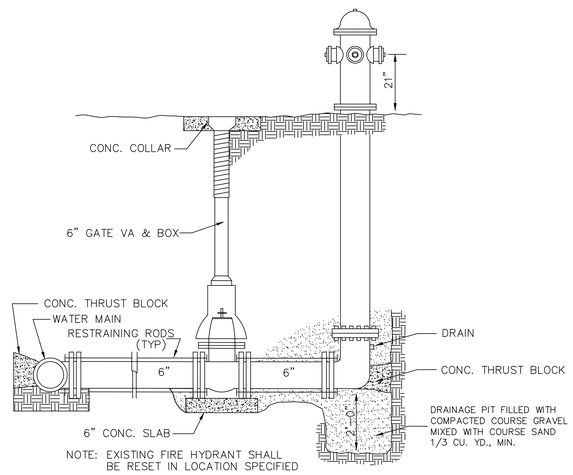


SILT FENCE
INSTALLATION:
1. INSTALL FENCE IN LOCATIONS SHOWN ON PLAN PER MANUFACTURER'S SPECIFICATIONS AND IN DETAIL.
2. BURY BOTTOM OF FABRIC MIN. 8" DEPTH WITH COMPACTED BACKFILL AS SHOWN IN DETAIL.

MAINTENANCE:
1. INSPECT SILT FENCING WEEKLY AND AFTER EACH STORM EVENT.
2. IF FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, AND/OR BECOMES INEFFECTIVE, REPLACE AFFECTED AREA PER INSTALLATION INSTRUCTIONS.
3. REMOVE DEPOSITED SEDIMENT WHEN FABRIC BEGINS TO BULGE AND/OR WHEN SEDIMENT REACHES 1/2 THE HEIGHT OF SILT FENCE FABRIC.
4. AVOID UNDERMINING SILT FENCE DURING CLEAN OUT OF SEDIMENT BUILDUP.
5. AFTER WATERSHED AREA HAS BEEN STABILIZED, REMOVE SILT FENCE AND SEDIMENT DEPOSITS, BRING DISTURBED AREA TO FINISHED GRADE AND STABILIZE AS REQUIRED.

SILT FENCE DETAIL

NOT TO SCALE



FIRE HYDRANT

NOT TO SCALE

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REVISIONS

MARK	DATE	ISSUED FOR
1	9/7/20	BIDDING ADDENDUM

DRAWING
SITE DETAILS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
C-5.0

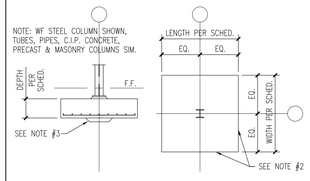
FOUNDATION PLAN NOTES

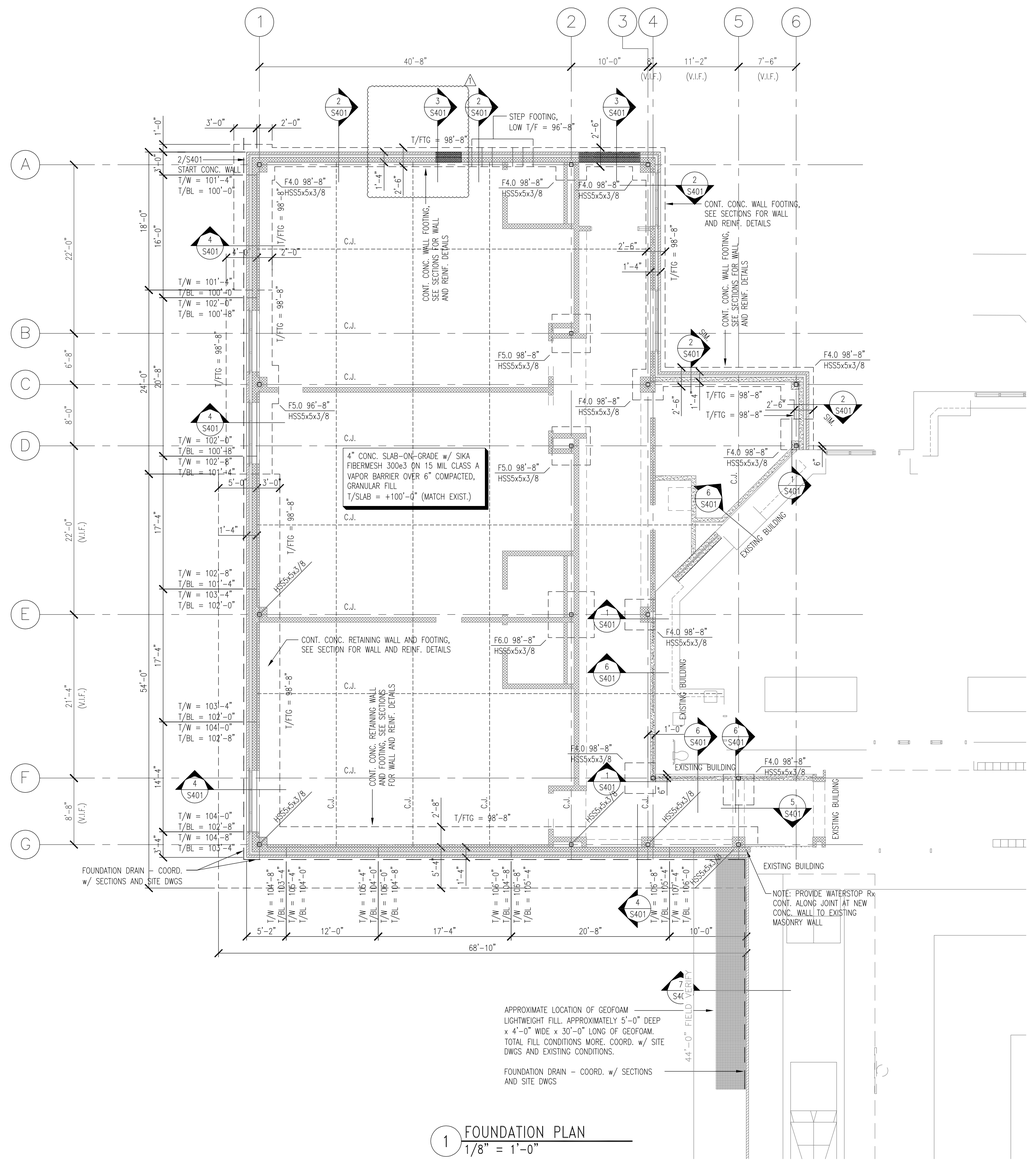
1. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
2. 100'-0" = NEW FINISHED FLOOR. REF. SITE/CIVIL DRAWINGS FOR EXACT USGS ELEVATION.
3. PROVIDE CONTROL JOINTS (C.J.) AS SHOWN ON PLAN. CONTROL JOINT SPACING SHOULD NOT GENERALLY NOT EXCEED 15'-0" IN ANY DIRECTION, WITH A MAXIMUM PANEL ASPECT RATIO OF 1.5. SUBMIT CONTROL JOINT LAYOUT PLAN FOR REVIEW PRIOR TO SLAB CONSTRUCTION.
4. COLUMN AND WALL FOOTINGS TO BEAR ON ALLOWABLE SOIL PRESSURE OF 2,000 PSF. WHERE THIS CAPACITY CANNOT BE ACHIEVED, THE SOIL SHOULD BE REMOVED TO A DEPTH APPROVED BY THE SOILS ENGINEER AND REPLACED WITH ENGINEERED FILL WITH AN ALLOWABLE SOIL PRESSURE MATCHING THE DESIGN PRESSURE LISTED ABOVE.
5. EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (i.e. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING). HOWEVER, THE PLAN DIMENSIONS OF ANY EARTH-FORMED FOOTINGS MUST BE INCREASED BY A MINIMUM OF 2" ALONG ALL EDGES TO COMPENSATE FOR INACCURACIES ASSOCIATED WITH EARTH-FORMING: 2'-0" WALL FOOTINGS BECOME 2'-4" WIDE, AND 5'-0" SQUARE COLUMN FOOTINGS BECOME 5'-4" SQUARE.

COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE (WIDTH x LENGTH x DEPTH)	REINFORCING (EACH WAY)
F4.0	4'-0 x 4'-0 x 2'-0	(4) #5 x 3'-6
F5.0	5'-0 x 5'-0 x 2'-0	(5) #5 x 4'-6
F6.0	6'-0 x 6'-0 x 2'-0	(6) #5 x 5'-6

NOTES:
1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D. TO ENCASE COLUMN ANCHOR RODS





1 FOUNDATION PLAN
1/8" = 1'-0"

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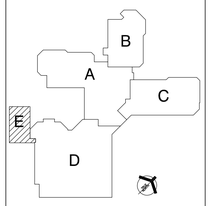

FIRST FLOOR KEYPLAN

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DATE 08/24/20
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CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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1	09/08/20	ADDENDUM #1

DRAWING
FOUNDATION PLAN

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Friday, 9/4/2020 - 3:02 PM - LAST SAVED BY:JBULOW
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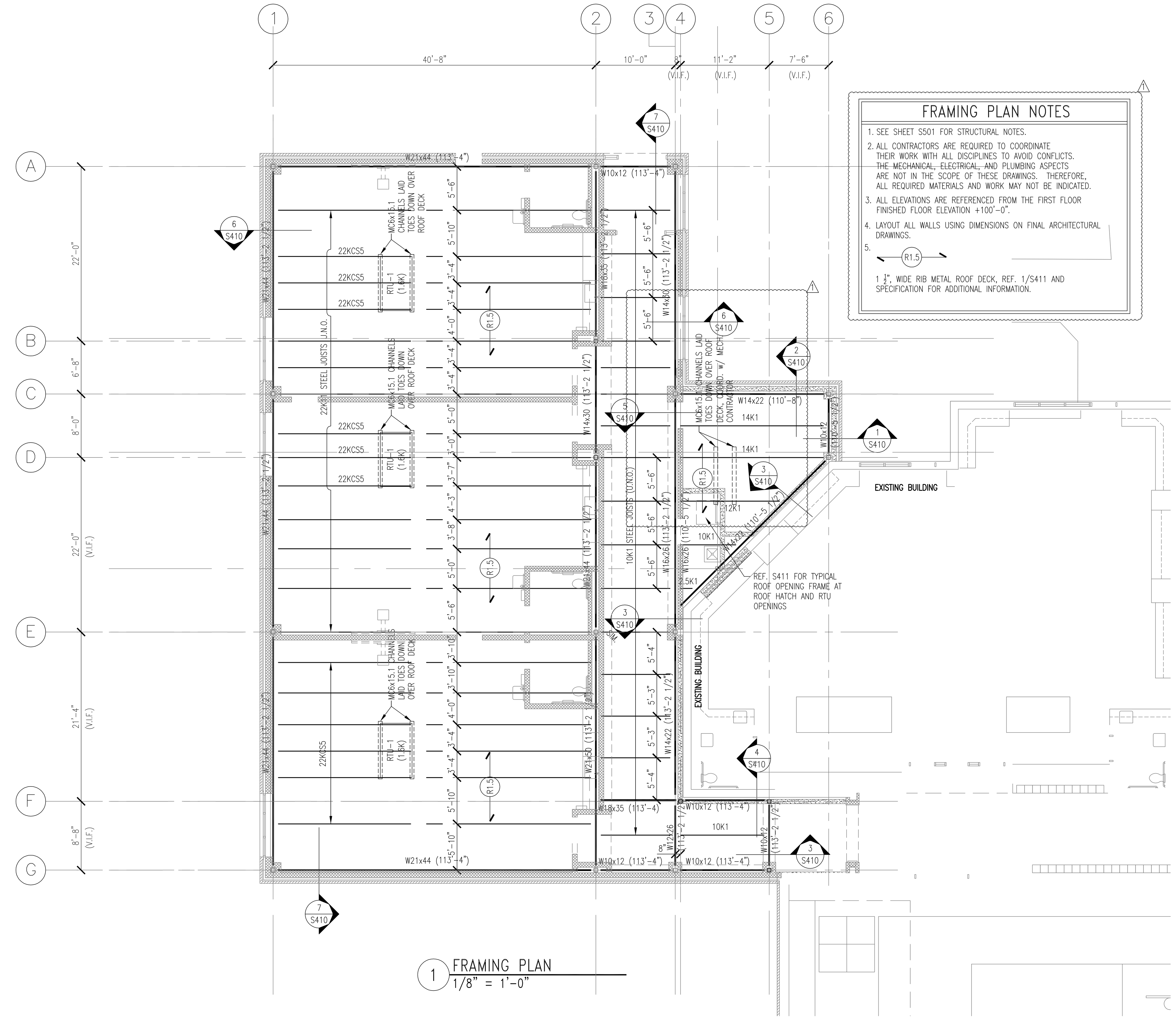

1 FRAMING PLAN
1/8" = 1'-0"

FRAMING PLAN NOTES

1. SEE SHEET S501 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISHED FLOOR ELEVATION +100'-0".
4. LAYOUT ALL WALLS USING DIMENSIONS ON FINAL ARCHITECTURAL DRAWINGS.
5. (R1.5) 1 ½", WIDE RIB METAL ROOF DECK, REF. 1/S411 AND SPECIFICATION FOR ADDITIONAL INFORMATION.

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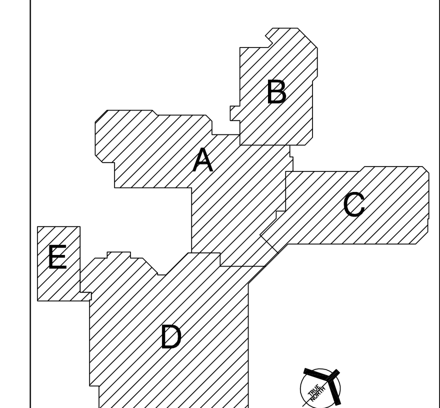
PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
UNION NORTH UNITED SCHOOL CORPORATION
12645 TYLER RD
LAKEVILLE, IN 46536



FIRST FLOOR KEYPLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 20-128
DATE 08/24/20
COORDINATED BY JNB
DRAWN BY JNB
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
1	09/08/20	ADDENDUM #1

DRAWING
FRAMING PLAN

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
S202

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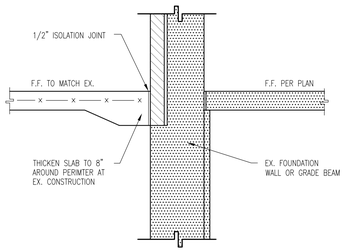
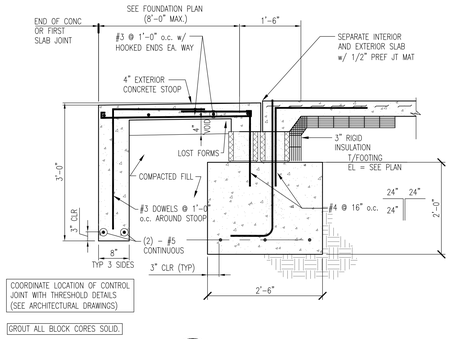


6 SECTION
3/4" = 1'-0"



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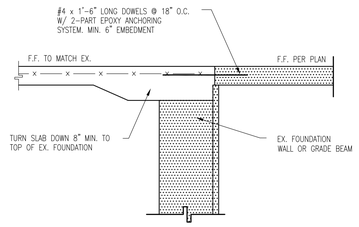
3/4" = 1'-0"



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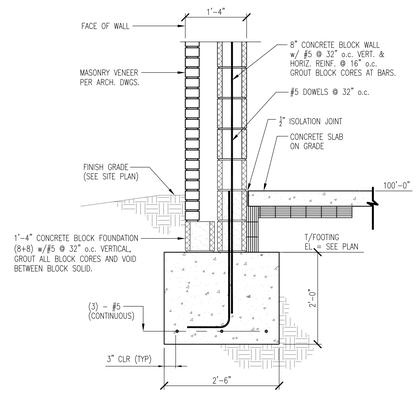

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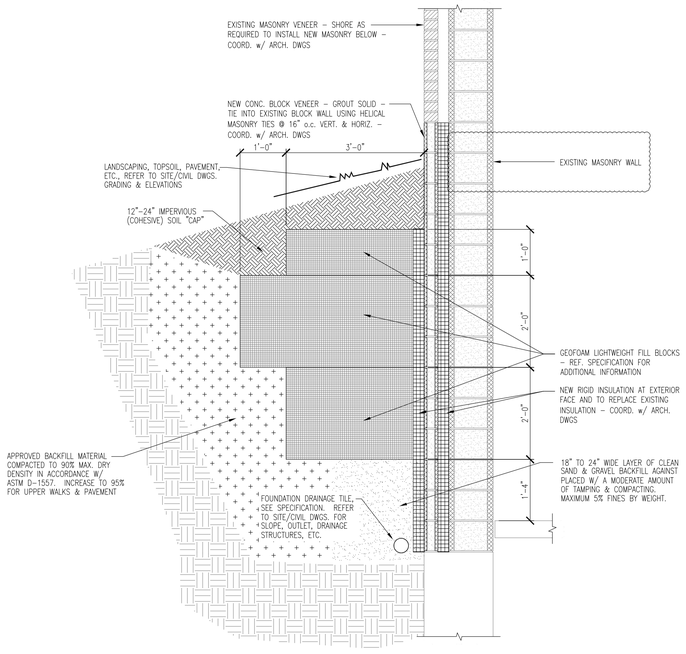

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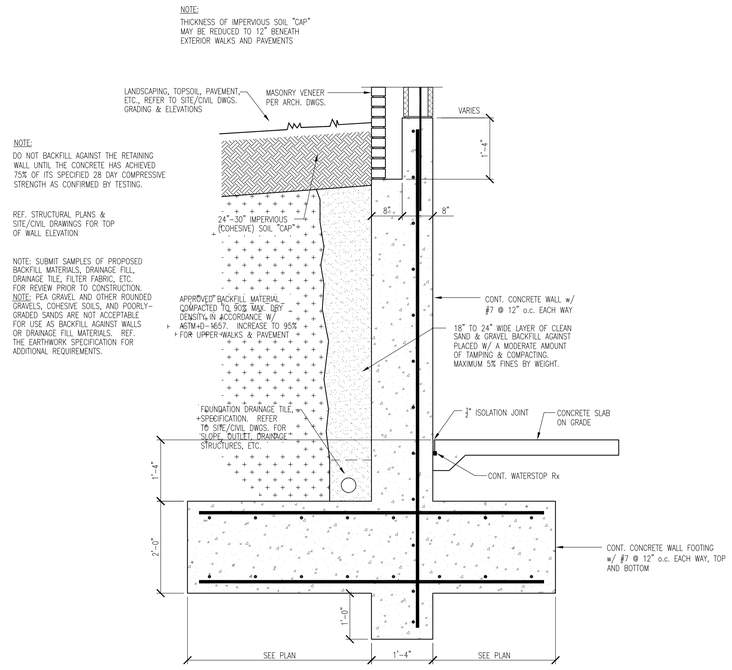
3/4" = 1'-0"



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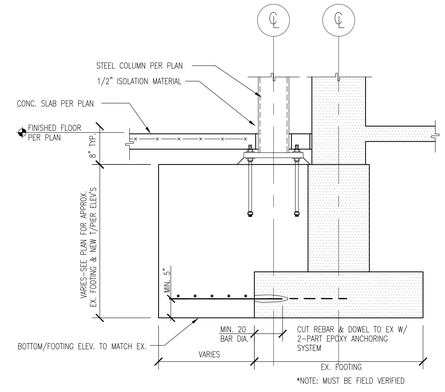

1 SECTION
3/4" = 1'-0"

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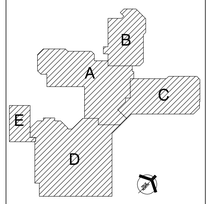
PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
12645 TYLER RD
LAKEVILLE, IN 46536



FIRST FLOOR KEYPLAN

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PROJECT 20-128
DATE 08/24/20
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REVISIONS

MARK	DATE	ISSUED FOR
1	09/08/20	ADDENDUM #1

DRAWING
FOUNDATION SECTIONS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
S401

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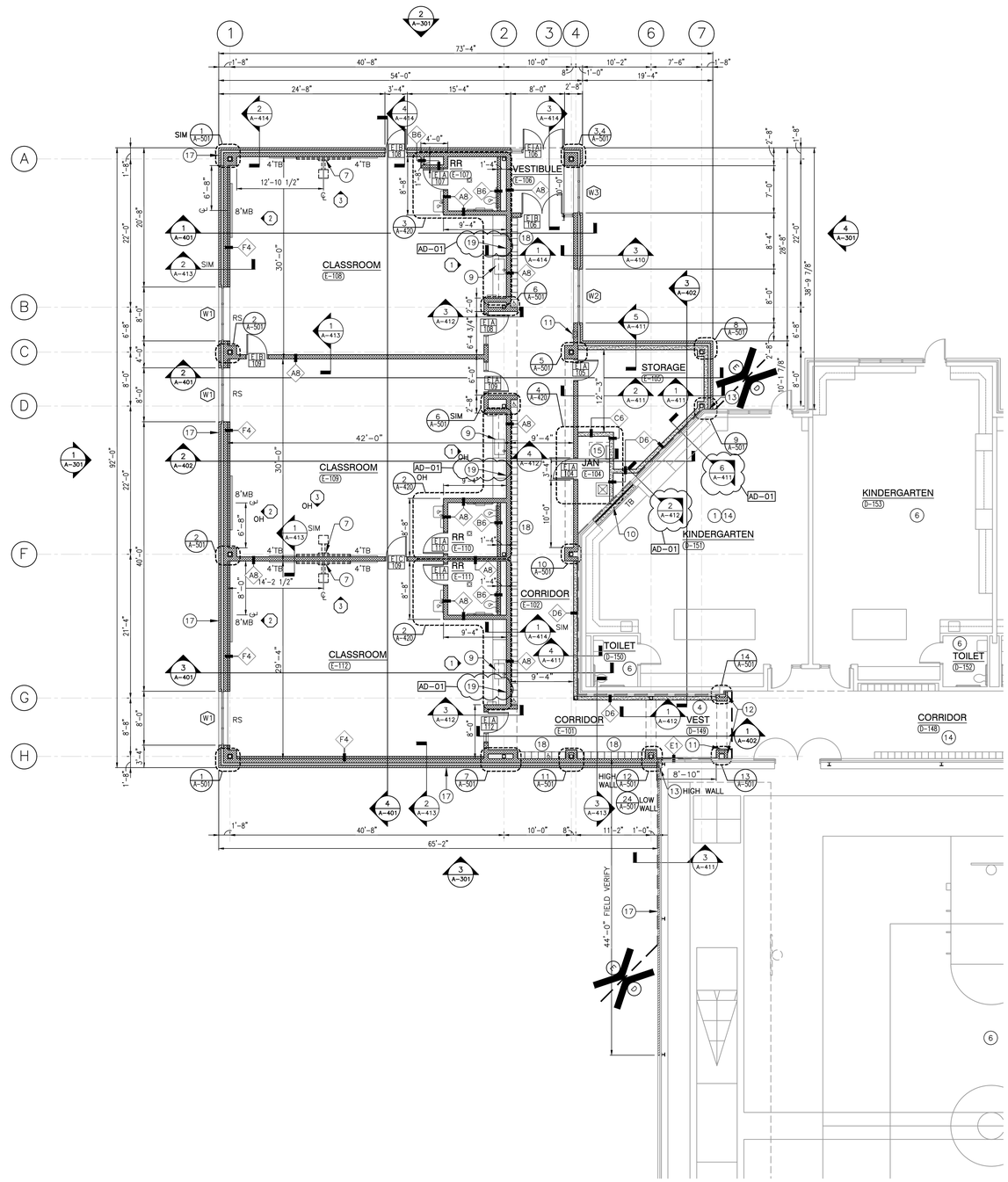

UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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

TRUE NORTH

PLAN NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REF 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. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REF SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OR DEPICTED GRAPHICALLY OTHERWISE.

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

H. ALL FLOOR PENETRATIONS FROM ONE OCCUPIED VOLUME TO ANOTHER SHALL BE FIRE SEALED INCLUDING ALL MECHANICAL MEZZANINES

I. INTERIOR CMU WALLS TO BE STACKED BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

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

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

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

O. FIELD VERIFY ALL DIMENSIONS.

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

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

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

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

T. 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.

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

V. 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.

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

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

Y. 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.

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

AA. 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.

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

AC. ALL ADJOINING CASEWORK CABINETS SHALL BE ALIGNED.

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

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

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

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

AH. REFER TO G-301 FOR MOUNTING HEIGHTS.

PLAN LEGEND:

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

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REF A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPE. REF G-301 FOR WALL THICKNESS, HEIGHT, & COMPOSITION.

X'-X" INDICATES CEILING/BULKHEAD HEIGHT ABOVE FINISHED FLOOR.

------- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT)

---- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).

(TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.

(MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.

(RS) INDICATES ROLLER SHADE.

GENERAL OUTLINE OF EXISTING ROOF STRUCTURE ABOVE TO BE INSULATED.

PLAN NOTES:

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

1. AREA TO RECEIVE NEW CONSTRUCTION AT AND ABOVE CEILING. REF FINISH PLANS AND MEP DRAWINGS FOR ADDITIONAL INFORMATION.
2. PATCH & REPAIR EXISTING CONCRETE SLAB/STOOP CONSTRUCTION TO REPAIR EXISTING DOOR/THRESHOLD CONDITION. MODIFY DOOR & HARDWARE CONSTRUCTION FOR PROPER FUNCTION. REF DOOR SCHEDULE & DETAILS.
3. REINSTALL EXISTING ASSEMBLIES MODIFIED/REMOVED AS A PART OF NEW CONSTRUCTION. REPAIR AS REQD. TO RETURN TO LIKE NEW CONDITIONS.
4. NEW FLOOR FINISHES PREP EXISTING AS REQD. REF FINISHES PLANS.
5. EXISTING WALK TO REMAIN. COORDINATE WORK OCCURRING AS A PART OF ADJACENT DOOR CONSTRUCTION.
6. EXISTING CONSTRUCTION TO REMAIN. NO WORK THIS AREA.
7. SMARTBOARD AND PROJECTOR, BY OWNER.
8. RETAINING WALL – REFER TO CIVIL AND STRUCTURAL DRAWINGS.
9. SINK, REFER TO PLUMBING
10. INFILL EXISTING WINDOW OPENING. SEE DETAIL 21/A-501
11. SEMI-RECESSED FIRE EXTINGUISHER CABINET. 15/A-501
12. ALIGN FACE OF MASONRY ACROSS CORRIDOR.
13. 3/4" SEALANT EXPANSION JOINT.
14. COORDINATE WITH MEP SCOPE IN THIS AREA.
15. ROOF ACCESS LADDER.
16. LOCATION OF EXISTING STRUCTURAL STEEL ABOVE AT ROOF TRANSITIONS TO BE INSULATED W/ SPRAY FOAM COMPLETE. OVERLAP DECK AND EXISTING BUILDING STRUCTURE 2'-0" EACH SIDE 4" MIN THICK. WHERE STRUCTURAL STEEL IS DIVIDED BY ROOM OR SPACE, EACH SIDE OF MEMBER IS COVERED.
17. CONTINUOUS WATERPROOFING MEMBRANE – REFER TO STRUCTURAL AND CIVIL FOR FOUNDATION DRAIN.
18. 12X12X48 METAL LOCKERS WITH TRIM AND FILLER PANELS. PROVIDE ACCESSIBLE LOCKERS AS INDICATED. 18/A-501
19. AD-01 ADJUST WALL LOCATION TO ROOM SIDE TO ACCOUNT FOR LOCKERS FOR PROPER FITMENT. PROVIDE SHIMS AS REQUIRED.

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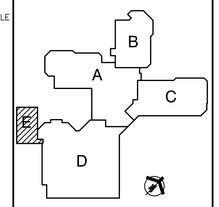
PROJECT

LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
12645 TYLER RD
LAKEVILLE, IN 46536



FIRST FLOOR KEYPLAN

GIBRALTAR DESIGN
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PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY PCD,JMG
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 - BUILDING ADDITION

PROJECT

LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET

A-105

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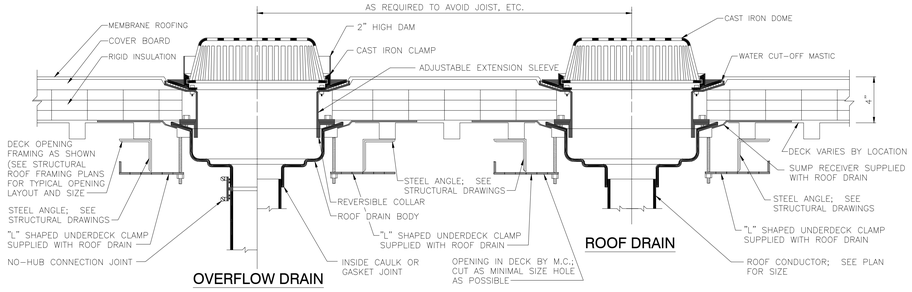
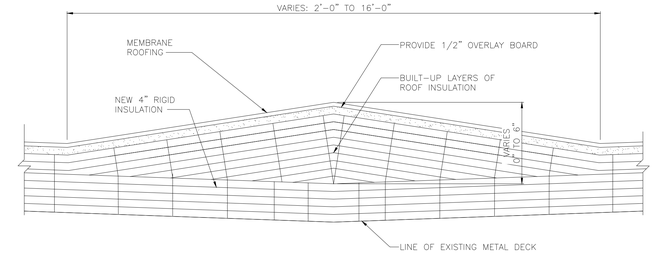


ROOF DRAIN DETAIL

SCALE: 3" = 1'-0"

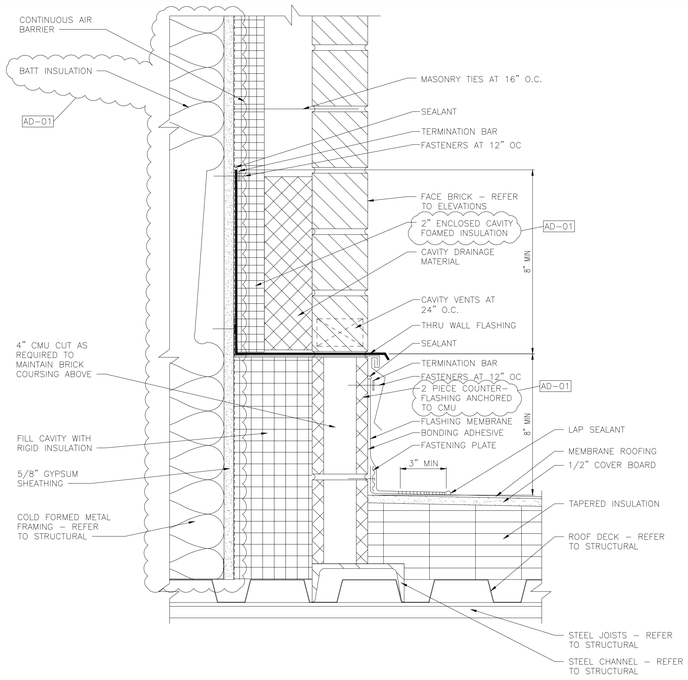
13 / A-211



ROOF DRAINAGE SADDLE

SCALE: NOT TO SCALE

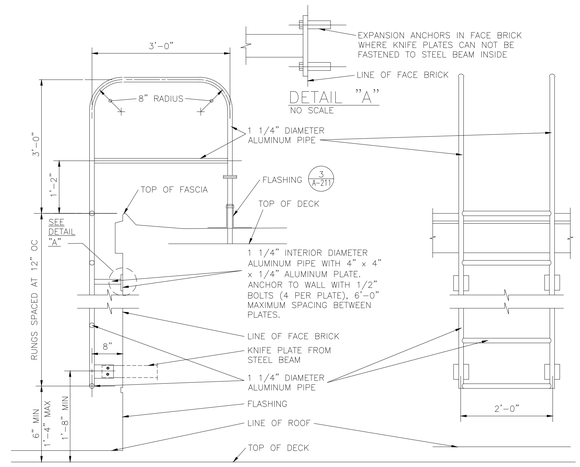
5 / A-211



LOW ROOF TO NEW WALL DETAIL

SCALE: 3" = 1'-0"

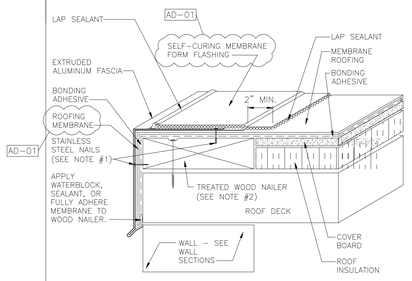
12 / A-211



EXTERIOR ALUMINUM LADDER

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

11 / A-211



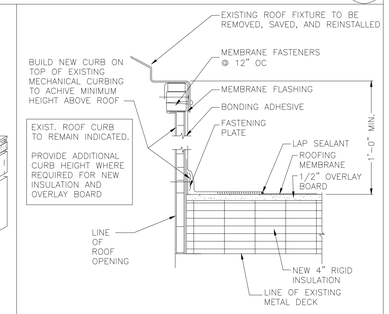
NOTES:
1) STAINLESS STEEL RING SHANK NAILS 1¾" LONG WITH ⅜" TO ½" DIAMETER HEAD.
2) WOOD NAILER MUST EXTEND BEYOND METAL FLANGE IN ALL DIRECTIONS.
3) INSTALL 6"x6" MEMBRANE PROTECTION LAYER AT EACH JOINT IN FASCIA.
4) INSTALL LAP SPLICES PER MANUFACTURER'S RECOMMENDATIONS.
5) MAINTAIN LEVEL BOTTOM EDGE OF FASCIA.

AD-01

EDGE FLASHING

SCALE: 3" = 1'-0"

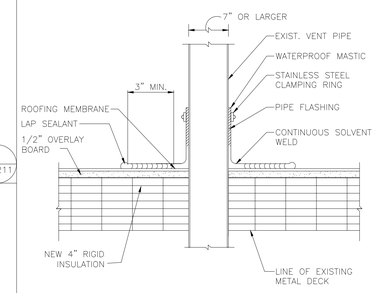
6 / A-211



CURB FLASHING

SCALE: 3" = 1'-0"

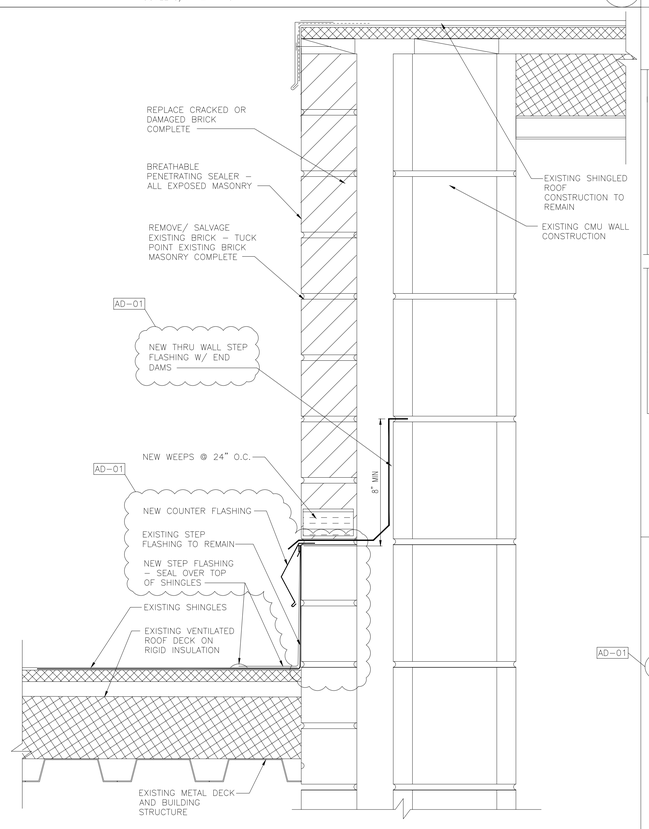
4 / A-211



VENT FLASHING

SCALE: 3" = 1'-0"

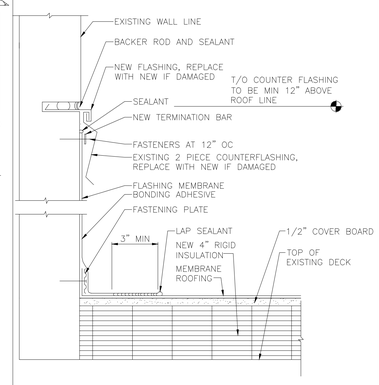
3 / A-211



TYPICAL PEAK DETAIL

SCALE: 3" = 1'-0"

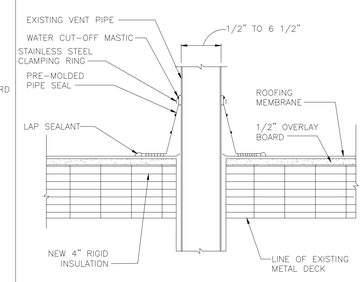
8 / A-211



WALL/ROOF COUNTER FLASHING DETAL

SCALE: 3" = 1'-0"

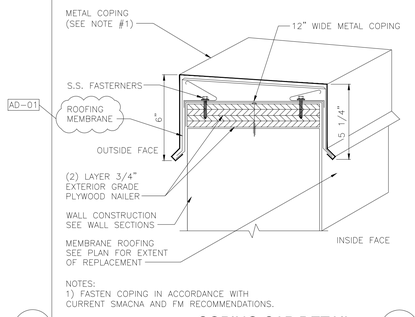
7 / A-211



VENT FLASHING

SCALE: 3" = 1'-0"

2 / A-211

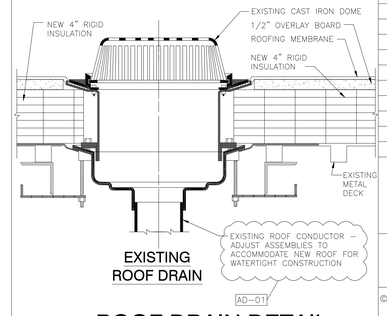


NOTES:
1) FASTEN COPING IN ACCORDANCE WITH CURRENT SMACNA AND FM RECOMMENDATIONS.

COPING CAP DETAIL

SCALE: 3" = 1'-0"

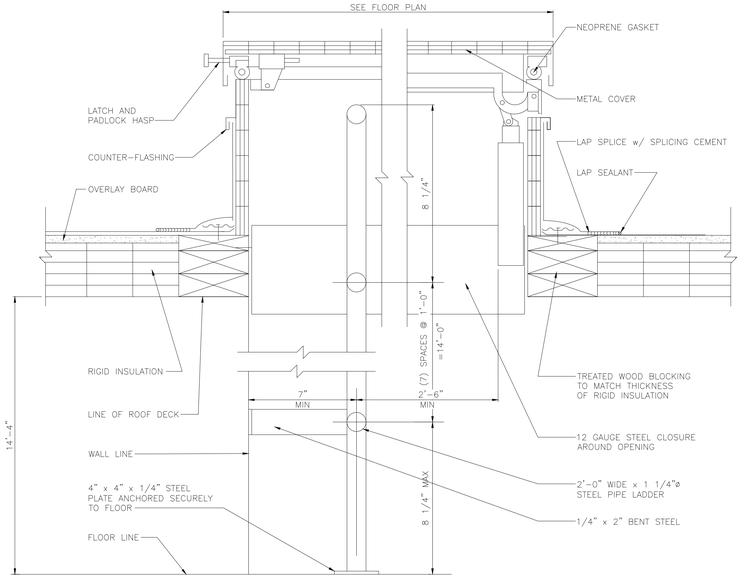
9 / A-211



ROOF DRAIN DETAIL

SCALE: 3" = 1'-0"

1 / A-211



ROOF HATCH AND LADDER

SCALE: 3" = 1'-0"

10 / A-211

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PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
12645 TYLER RD
LAKEVILLE, IN 46536

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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KLS PCD
CHECKED BY TA

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

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DRAWING
ROOF DETAILS

PROJECT
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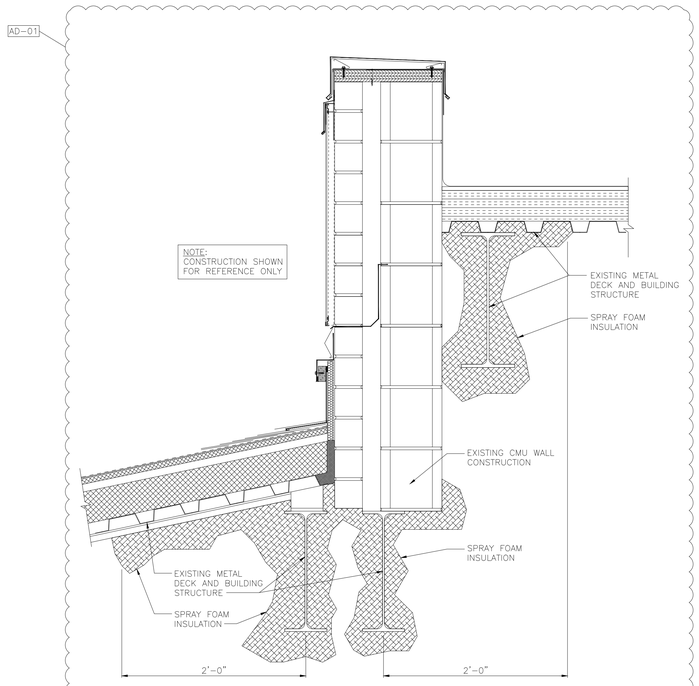
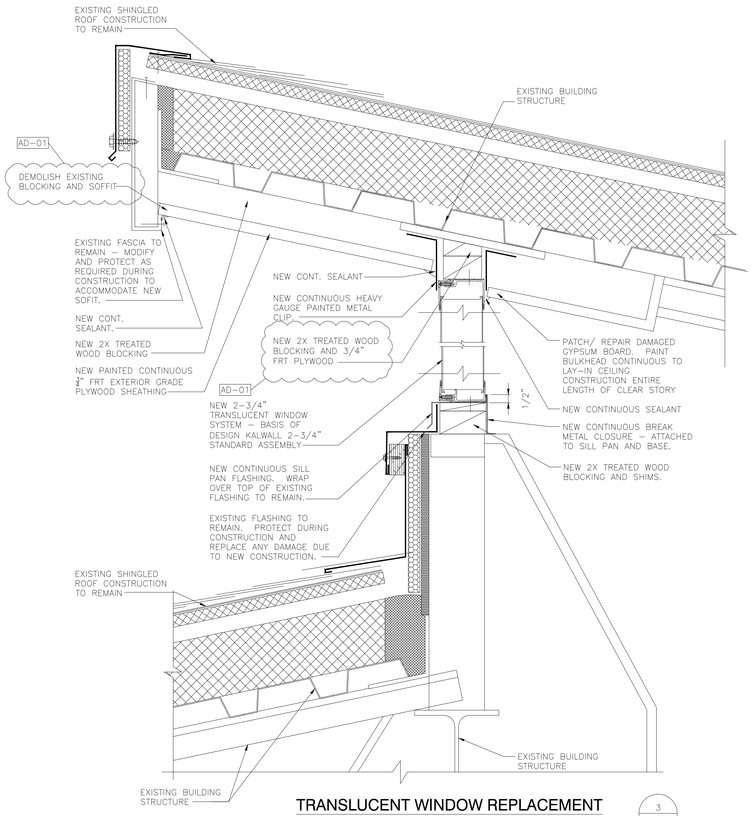


TYPICAL PARAPET DETAIL

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

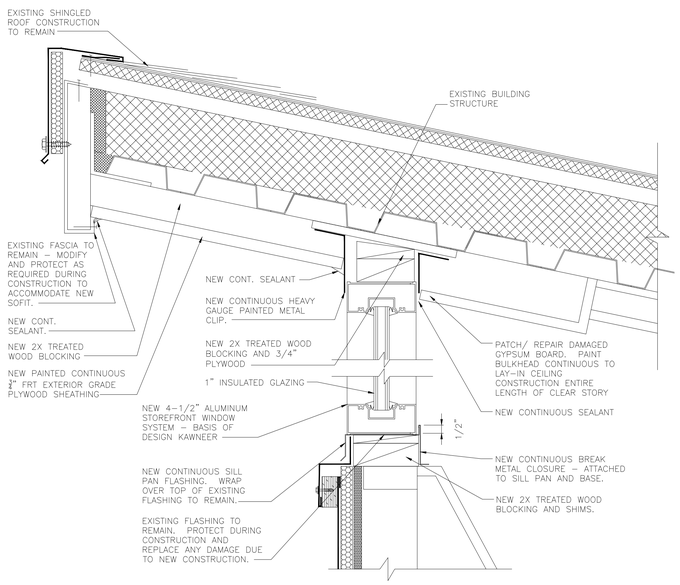
5 / A-212



TRANSLUCENT WINDOW REPLACEMENT

SCALE: 3" = 1'-0"

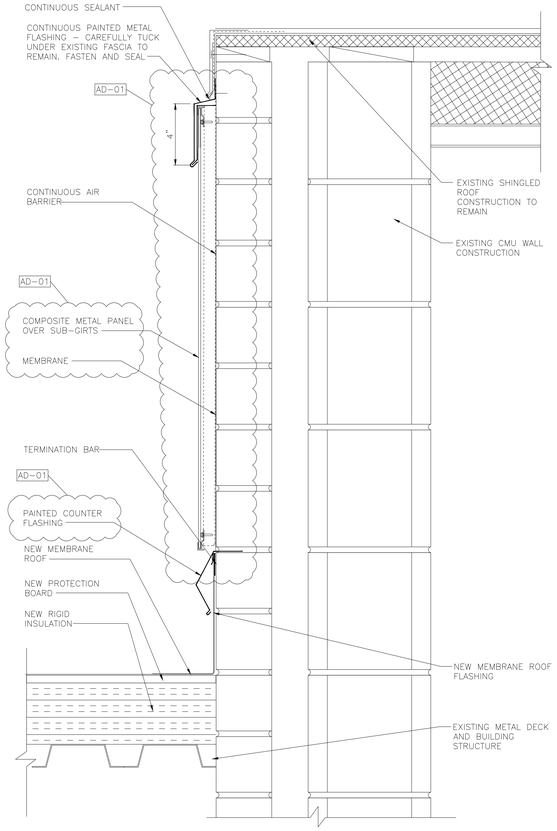
3 / A-212



STOREFRONT WINDOW - ALTERNATE

SCALE: 3" = 1'-0"

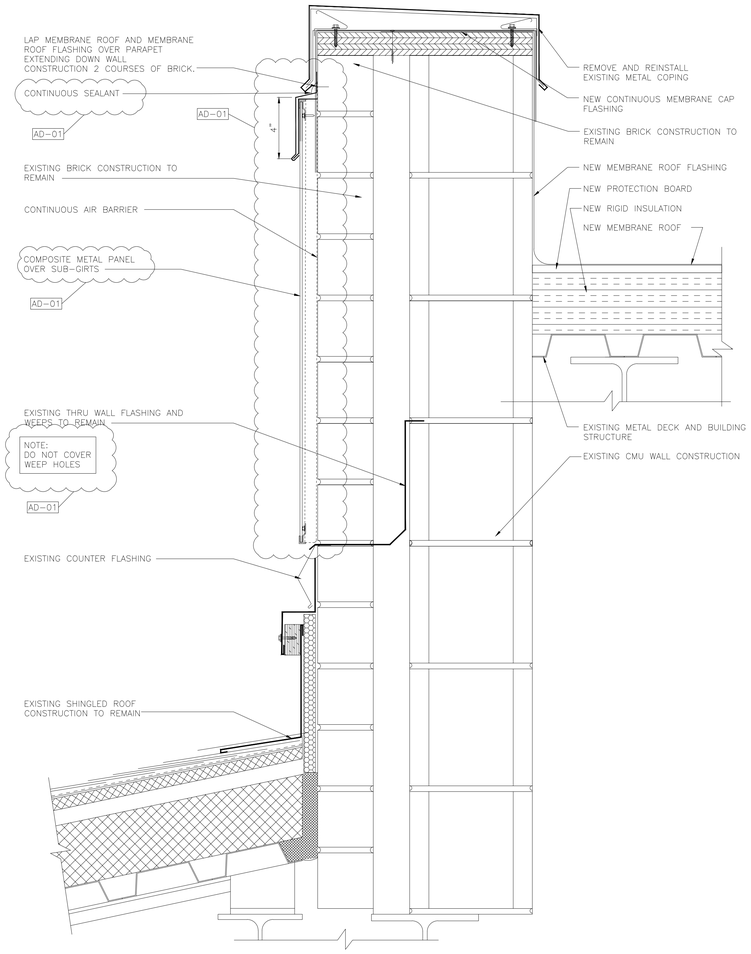
4 / A-212



TYPICAL PEAK DETAIL

SCALE: 3" = 1'-0"

2 / A-212



TYPICAL PARAPET DETAIL

SCALE: 3" = 1'-0"

1 / A-212

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PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY KLS PCD
CHECKED BY TA

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

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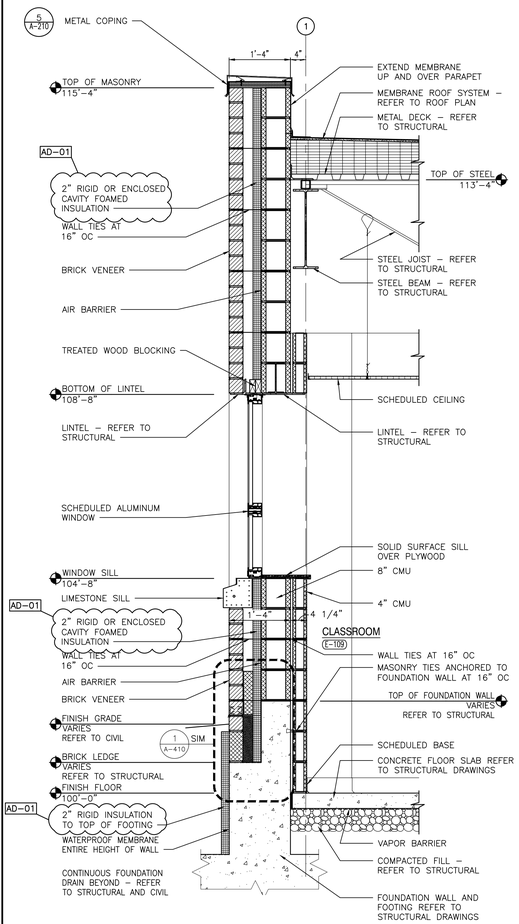
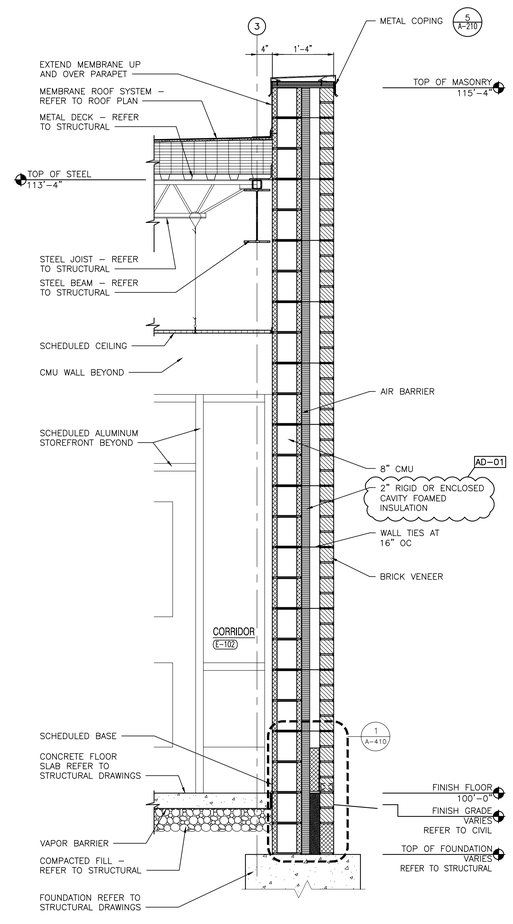


WALL SECTION
SCALE: 3/4" = 1'-0"

4 A-410



WALL SECTION
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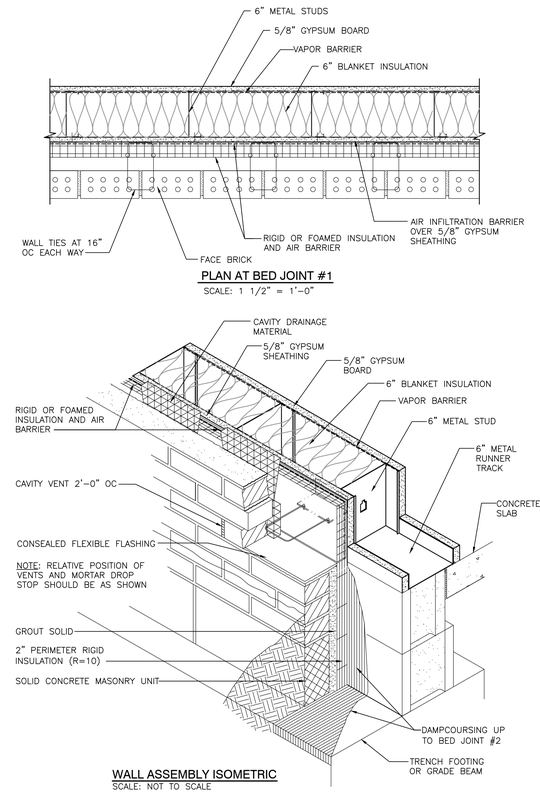
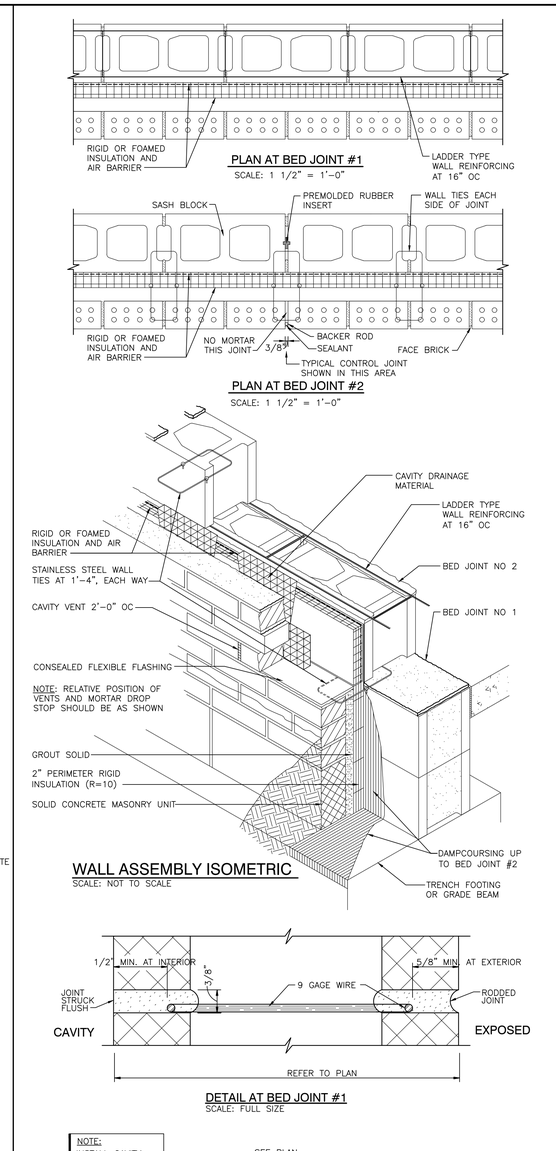
3 A-410



TYPICAL EXTERIOR METAL STUD WALL CONSTRUCTION DETAIL
SCALE: AS INDICATED

2 A-410



TYPICAL EXTERIOR MASONRY WALL CONSTRUCTION DETAIL
SCALE: AS INDICATED

1 A-410

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PROJECT 20–128
DATE 08/24/20
COORDINATED BY BJZ
DRAWN BY PCD
CHECKED BY BJZ

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

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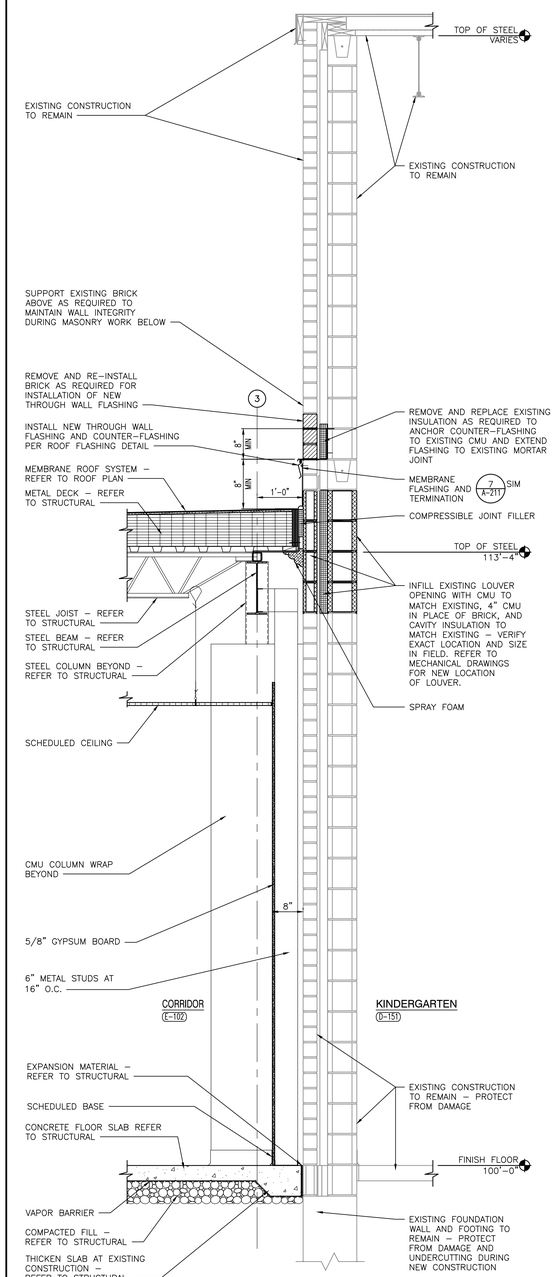
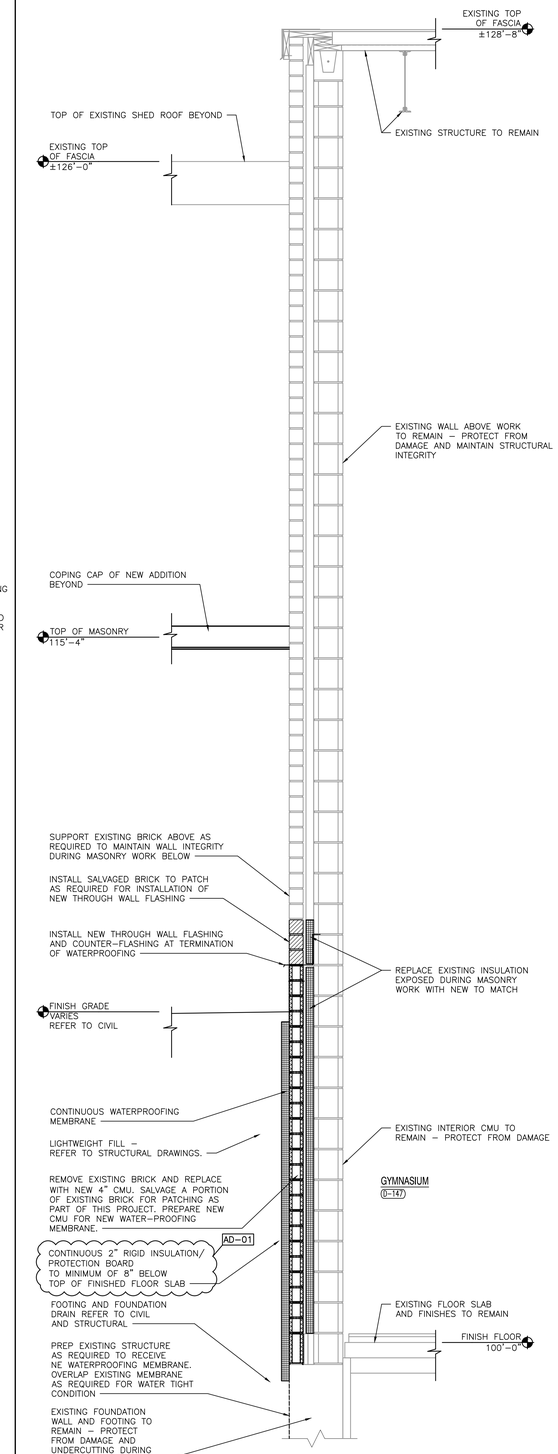
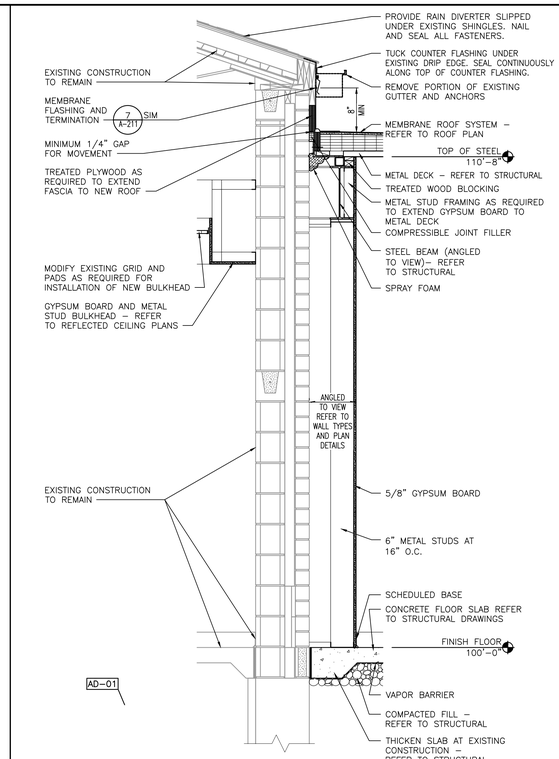


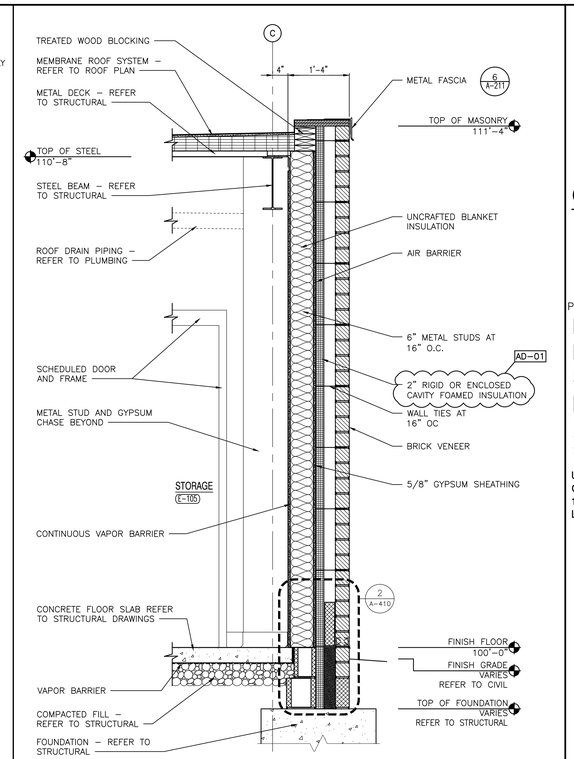
WALL SECTION
SCALE: 3/4" = 1'-0"
4 A-411



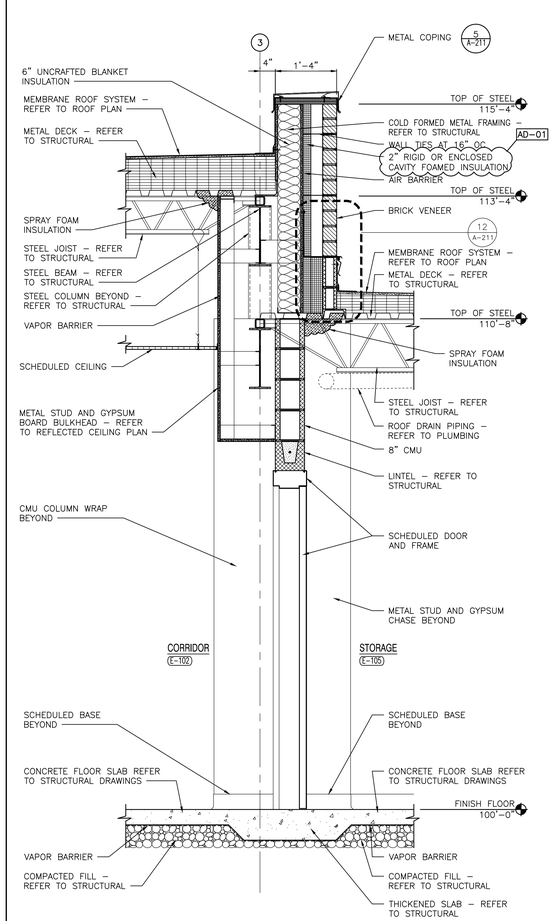
WALL SECTION
SCALE: 3/4" = 1'-0"
3 A-411



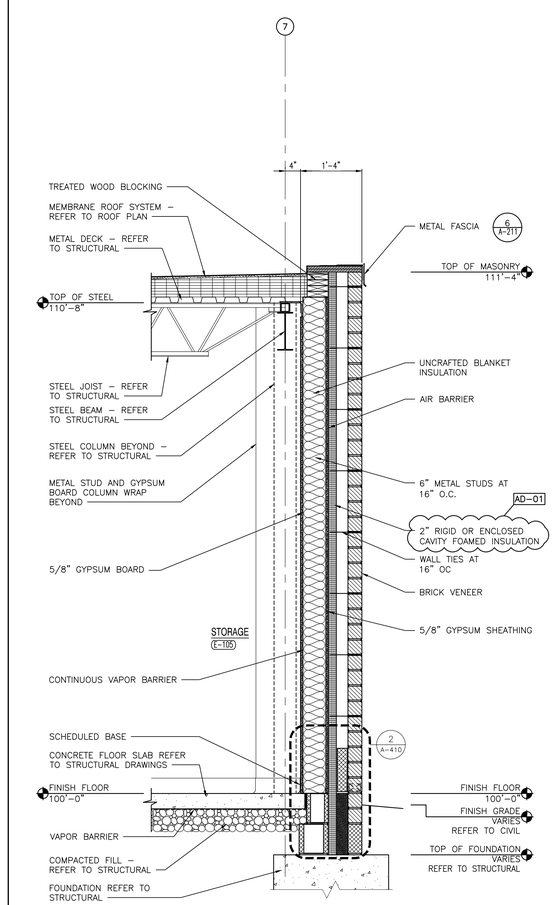
WALL SECTION
SCALE: 3/4" = 1'-0"
6 A-411



WALL SECTION
SCALE: 3/4" = 1'-0"
5 A-411



WALL SECTION
SCALE: 3/4" = 1'-0"
2 A-411



WALL SECTION
SCALE: 3/4" = 1'-0"
1 A-411

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PROJECT
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UNION NORTH UNITED SCHOOL CORPORATION
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PROJECT
20-128
DATE
08/24/20
COORDINATED BY
BJZ
DRAWN BY
PCD
CHECKED BY
BJZ

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DRAWING
WALL SECTIONS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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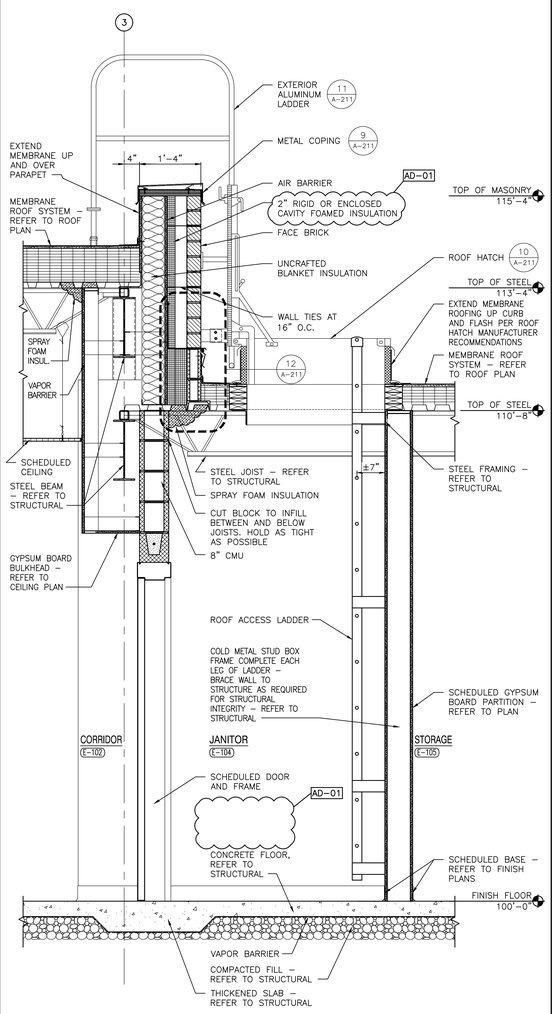
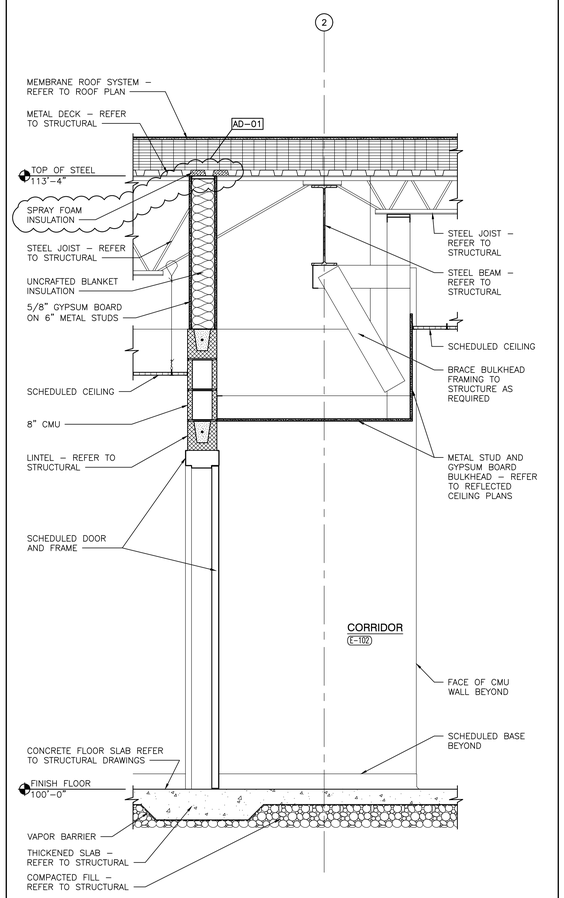


WALL SECTION
SCALE: 3/4" = 1'-0"
4 A-412



WALL SECTION
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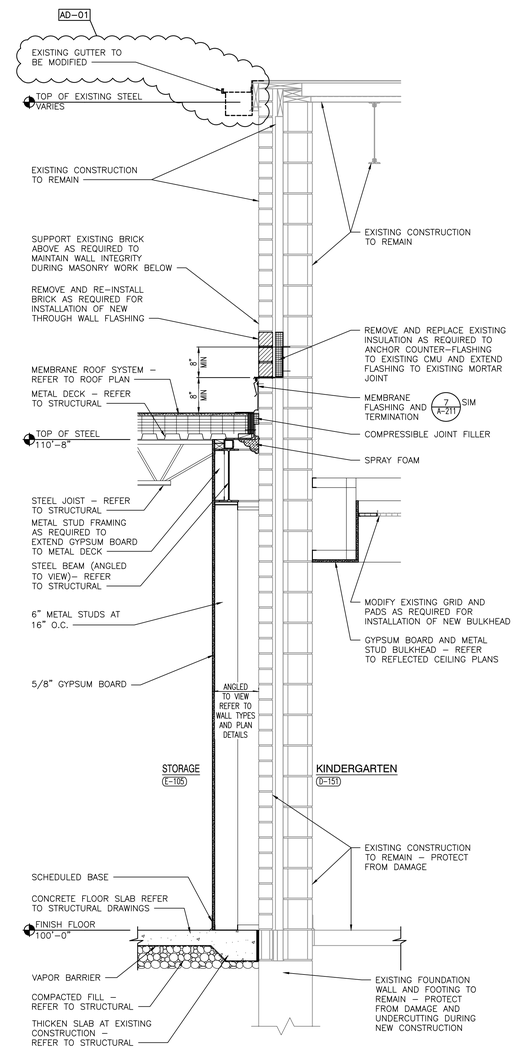
3 A-412



WALL SECTION
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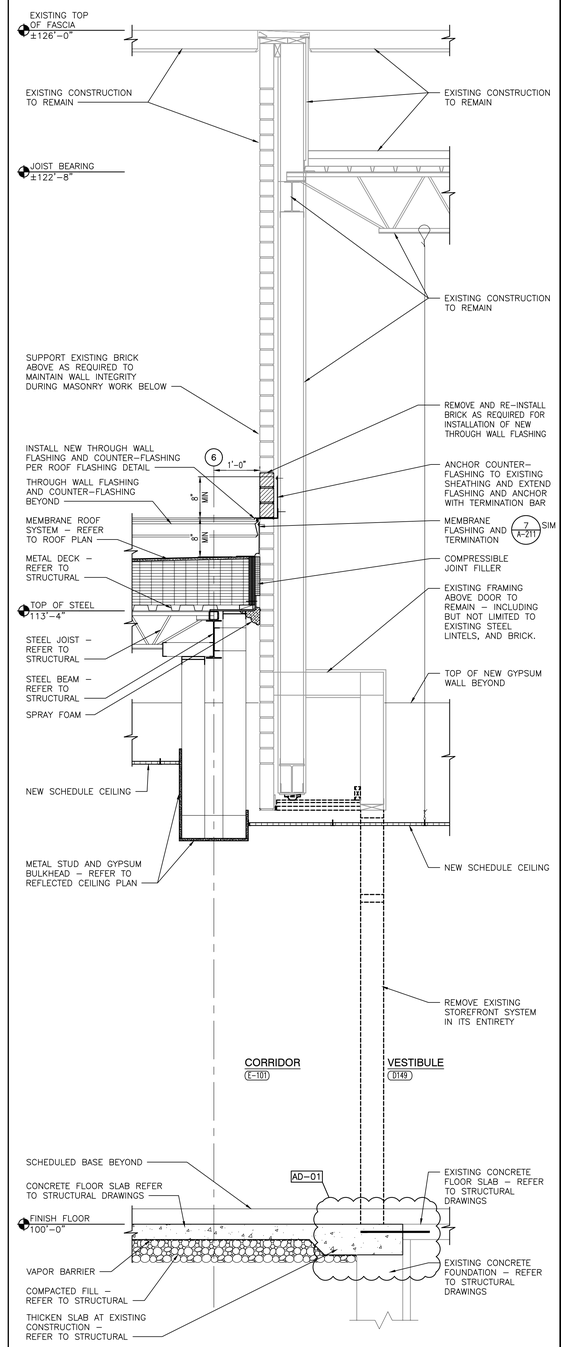
2 A-412



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

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PROJECT 20-128
DATE 08/24/20
COORDINATED BY BJZ
DRAWN BY PCD
CHECKED BY BJZ

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

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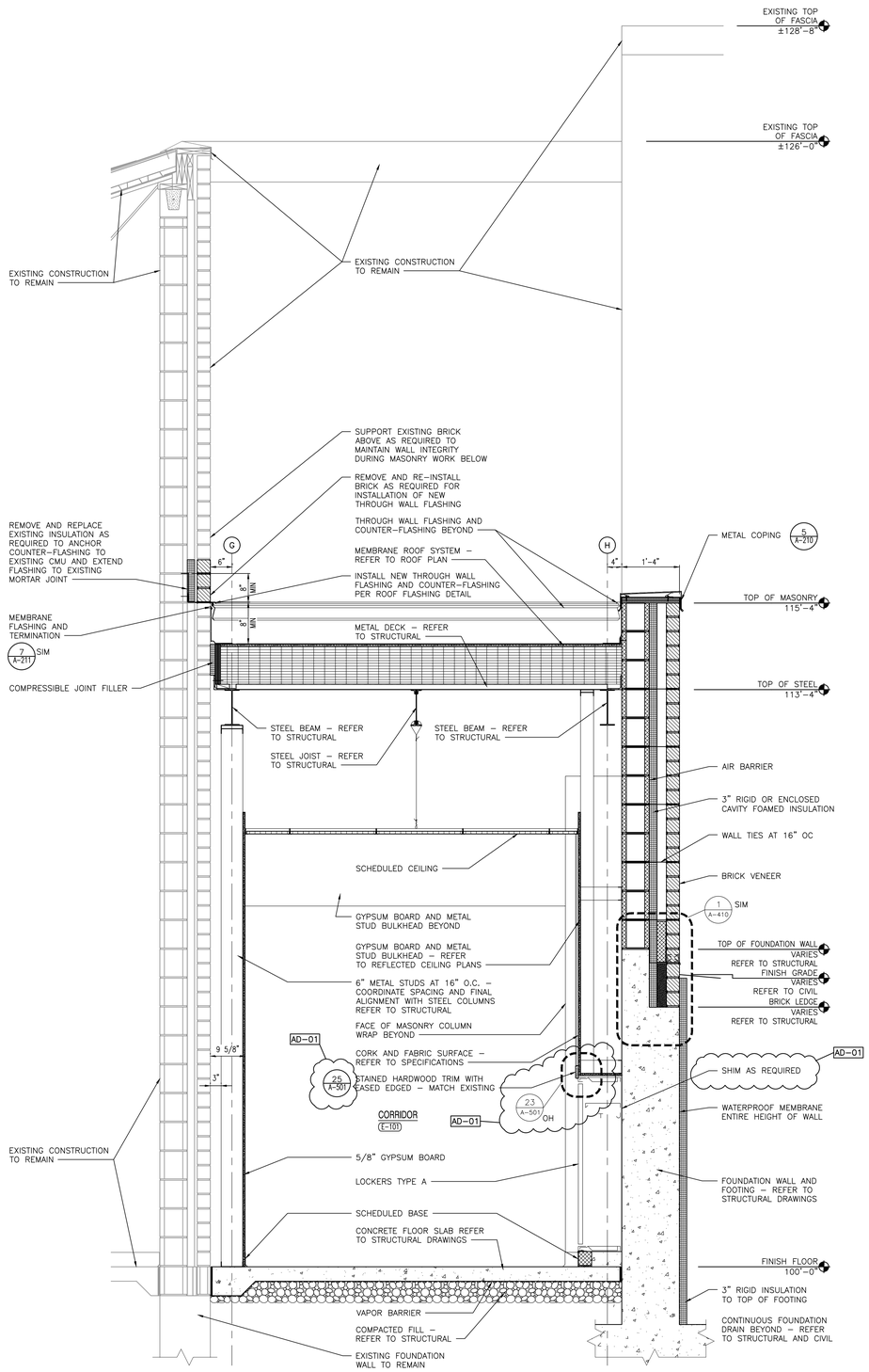

WALL SECTION
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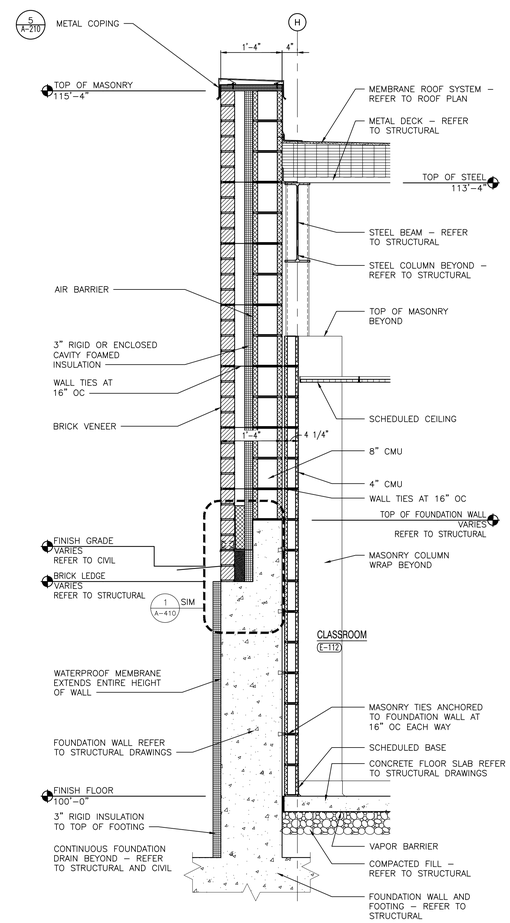
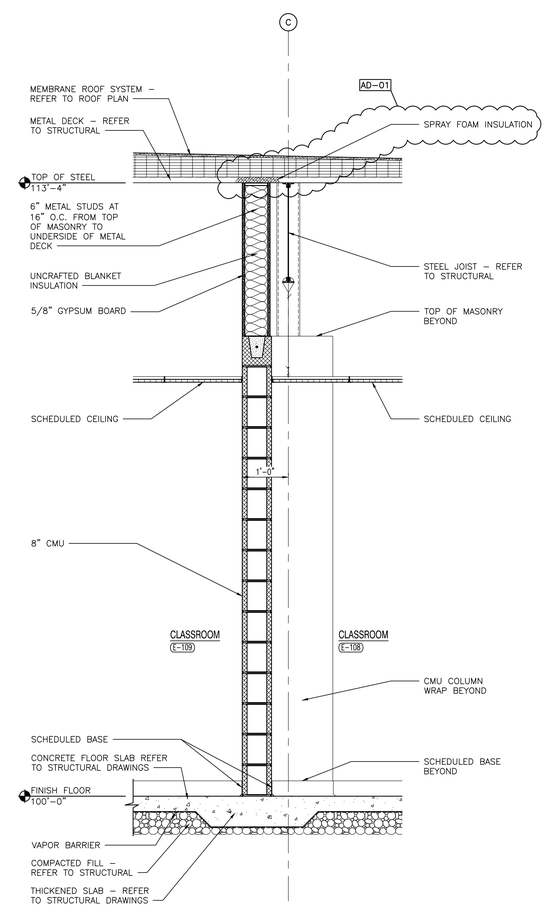


WALL SECTION
SCALE: 3/4" = 1'-0"
2 A-413



WALL SECTION
SCALE: 3/4" = 1'-0"
1 A-413

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PROJECT 20-128
DATE 08/24/20
COORDINATED BY BJZ
DRAWN BY PCD
CHECKED BY BJZ

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

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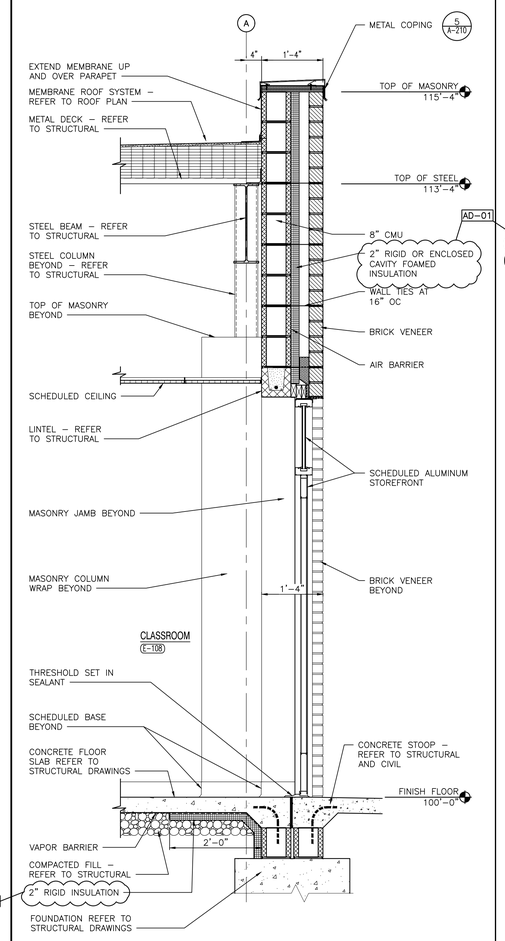
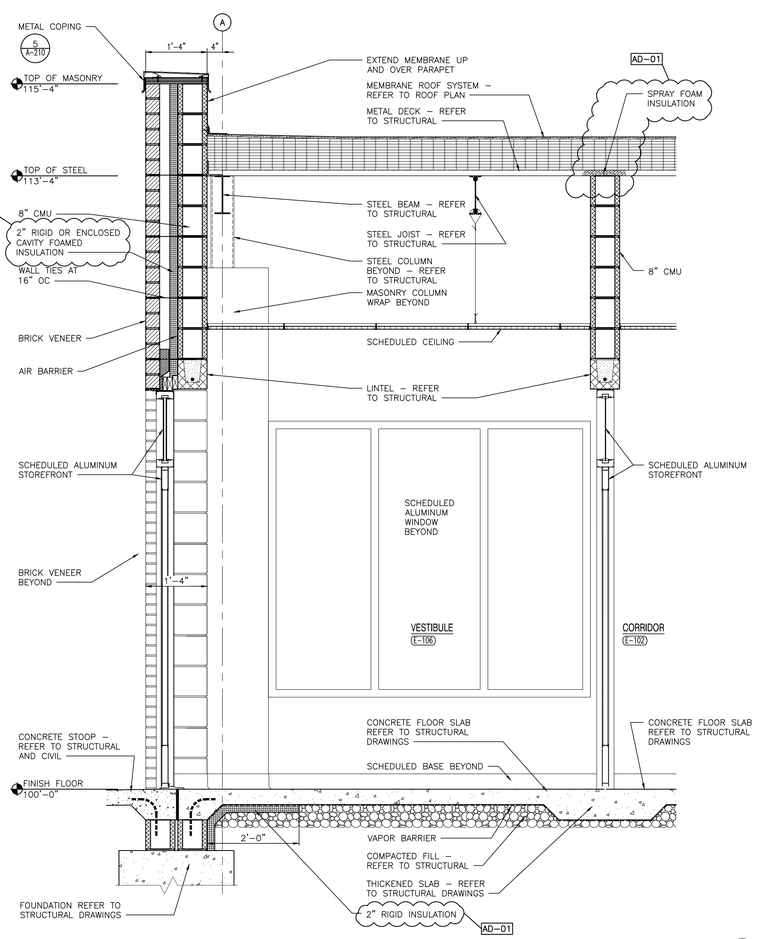


WALL SECTION

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

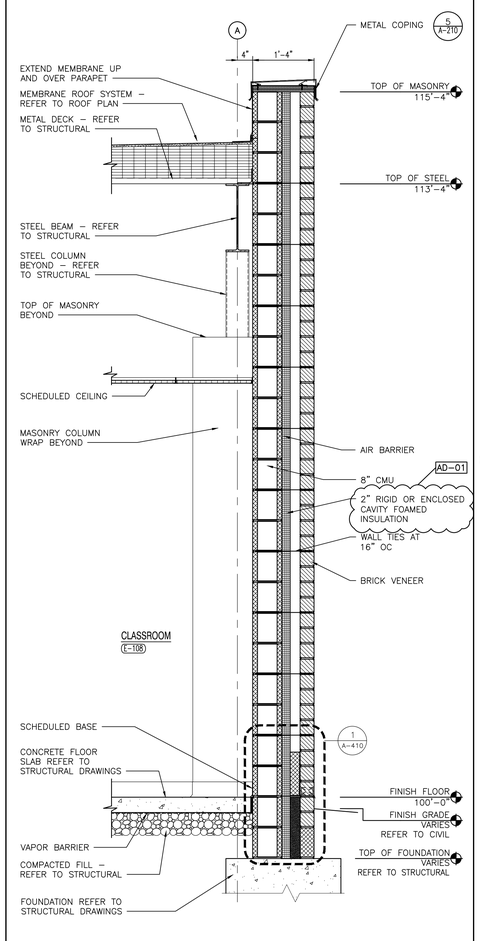
4 A-414



WALL SECTION

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

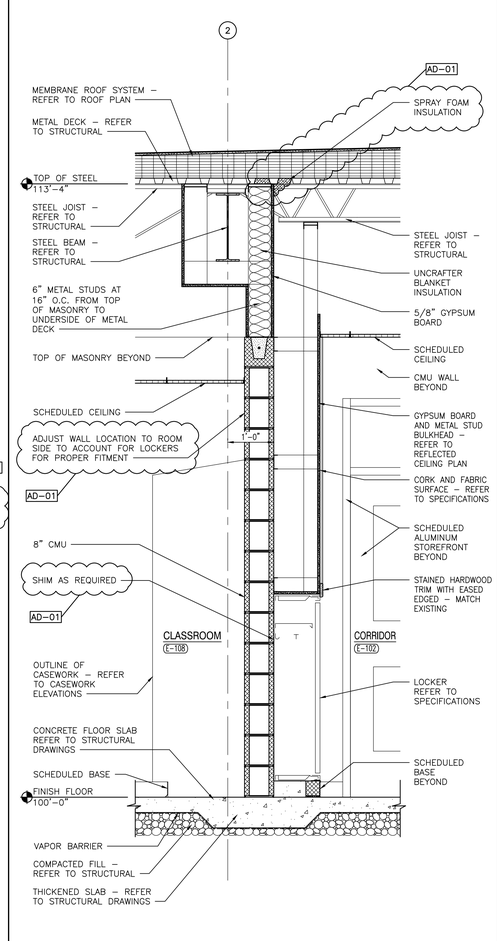
3 A-414



WALL SECTION

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

2 A-414



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STATE OF INDIANA
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A-414

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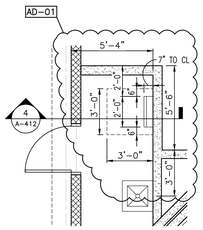
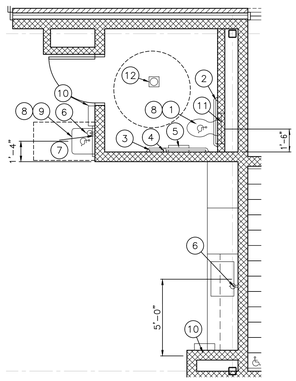
Y:\20-128 UNION-NORTH LAVILLE ES – 2020 IMPROVEMENTS\20-128 DRAWINGS\05 ARCH\A-414.DWG



ENLARGED PLAN OF ROOF HATCH LADDER

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

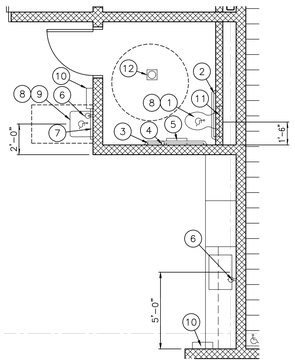
4 / A-420



ENLARGED TOILET PLAN

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

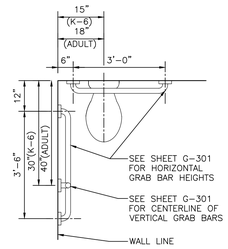
3 / A-420

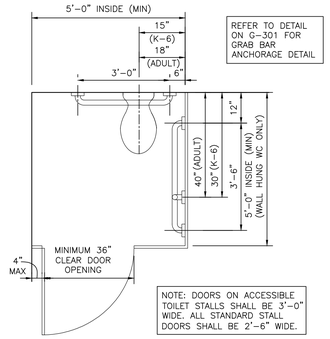


ENLARGED TOILET PLAN

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

2 / A-420





ACCESSIBLE FACILITIES

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

1 / A-420

GENERAL RESTROOM PLAN NOTES:

A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.

B. DEPTH OF ALL ACCESSIBLE TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK OF FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

F. WHERE EXISTING PARTITIONS ARE REPLACED AND NEW PARTITION BRACKETS DO NOT COVER OLD MOUNTING HOLES, PATCH HOLE OR REPLACE TILE TO MATCH ADJACENT WALL FINISH.

RESTROOM PLAN NOTES:

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

1. ACCESSIBLE FACILITIES. — 1 / A-420
2. 3'-0" HANDICAPPED GRAB BAR. — 1 / A-420
3. 3'-6" HANDICAPPED GRAB BAR. — 1 / A-420
4. 18" VERTICAL HANDICAPPED GRAB BAR. — 1 / A-420
5. TOILET PAPER HOLDER. (OFCI)
6. SOAP DISPENSER. (OWNER FURNISHED CONTRACTOR INSTALLED)
7. 2'-0"W x 3'-0"H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 3'-4" A.F.F.
8. NEW PLUMBING FIXTURE. REFER TO PLUMBING DRAWINGS.
9. ACCESSIBLE FIXTURE (LAVATORY/URINAL). REFER TO PLUMBING DRAWINGS.
10. PAPER TOWEL DISPENSER. (OWNER FURNISHED CONTRACTOR INSTALLED)
11. 24"x24" PAINTED ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F.
12. FLOOR DRAIN – REFER TO PLUMBING DRAWINGS.

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PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
UNION NORTH UNITED SCHOOL CORPORATION
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PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY PCD
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
ENLARGED RESTROOM PLAN AND SHIPS LADDER DETAILS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
A-420

Tuesday, 9/8/2020 – 12:29 PM – LAST SAVED BY:PDEGROTHY
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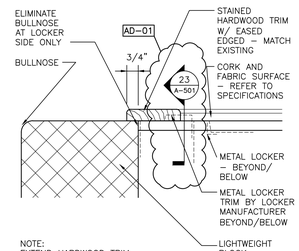
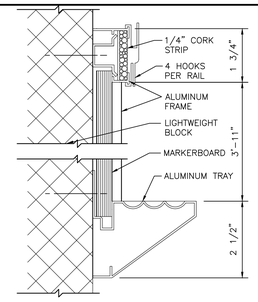
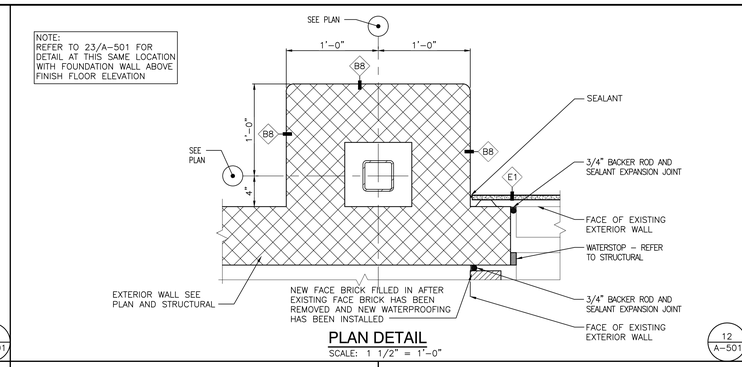


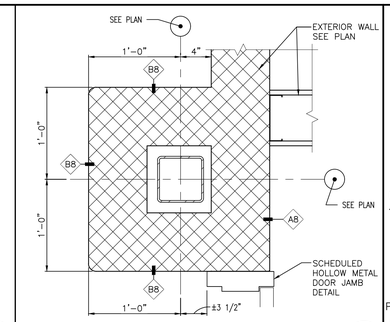
LOCKER CLOSURE
SCALE: 3" = 1'-0"
25 A-501



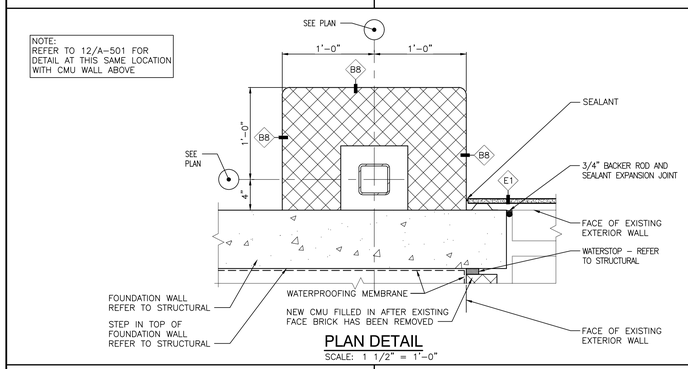
MARKERBOARD "A"
SCALE: 6" = 1'-0"
17 A-501



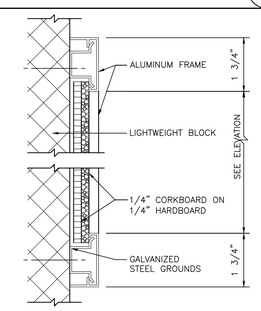
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
12 A-501



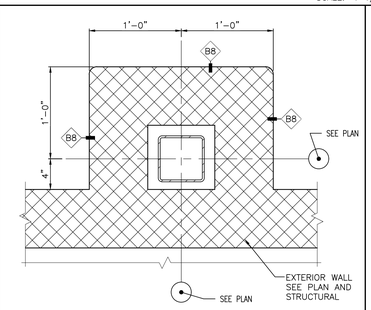
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
5 A-501



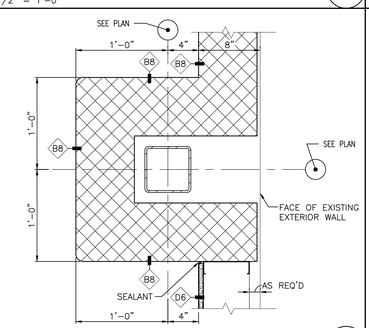
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
24 A-501



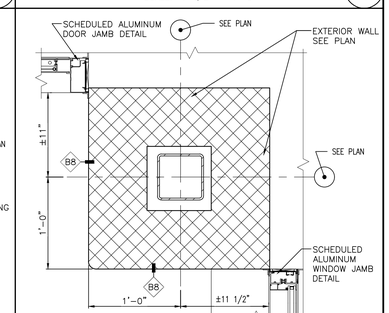
CORKBOARD "B"
SCALE: 6" = 1'-0"
16 A-501



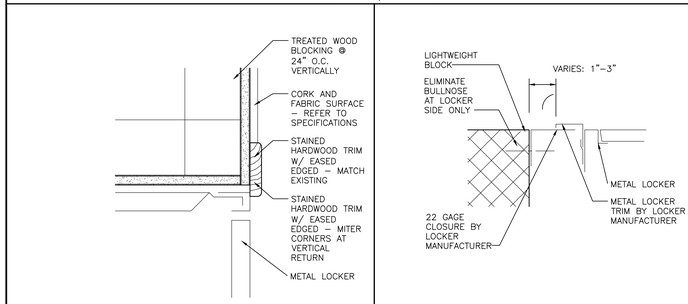
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
11 A-501



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
10 A-501

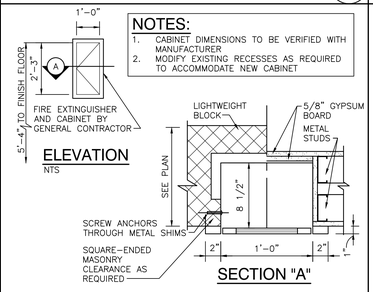


PLAN DETAIL - THRU WINDOW
SCALE: 1 1/2" = 1'-0"
4 A-501

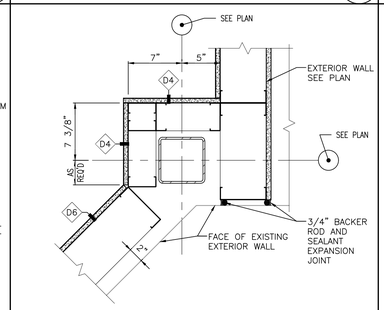


TACKABLE SURFACE AT LOCKERS
SCALE: 3" = 1'-0"
23 A-501

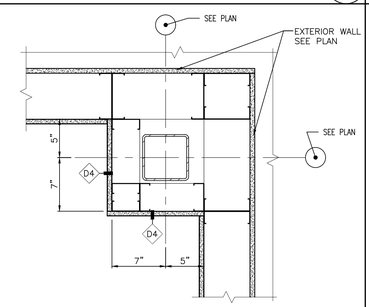
LOCKER CLOSURE
SCALE: 3" = 1'-0"
20 A-501



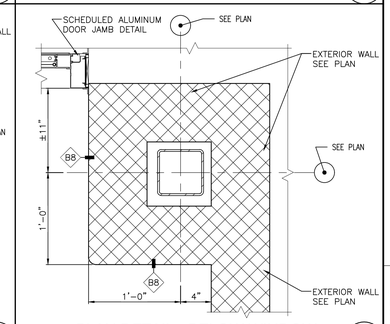
SEMI-RECESSED FIRE EXTINGUISHER CABINET
SCALE: 1 1/2" = 1'-0"
15 A-501



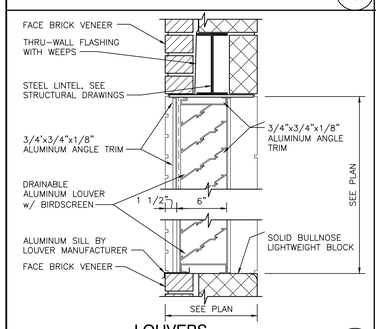
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
9 A-501



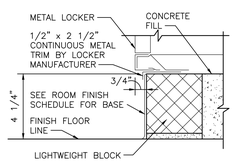
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
8 A-501



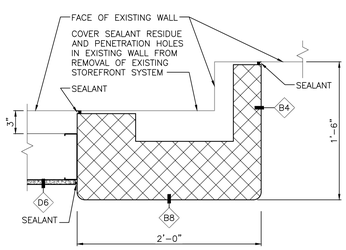
PLAN DETAIL - BELOW WINDOW
SCALE: 1 1/2" = 1'-0"
3 A-501



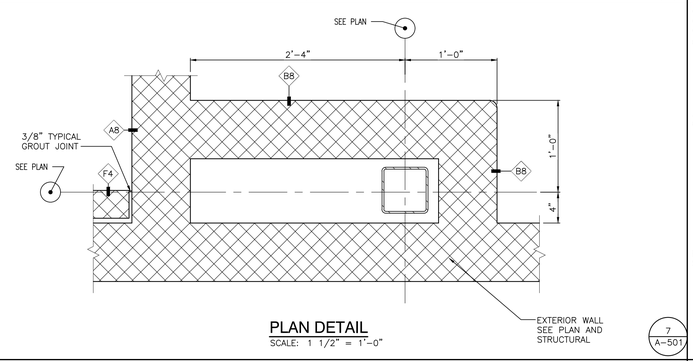
LOUVERS
SCALE: 1 1/2" = 1'-0"
22 A-501



LOCKER BASE
SCALE: 3" = 1'-0"
19 A-501



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
14 A-501



PLAN DETAIL
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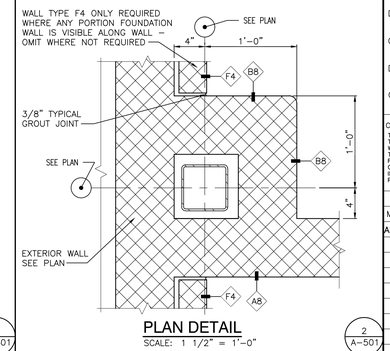
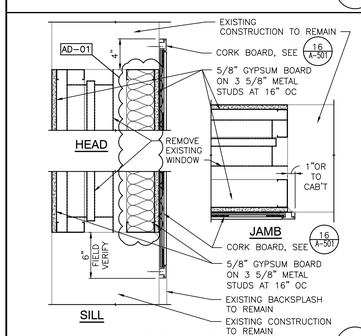
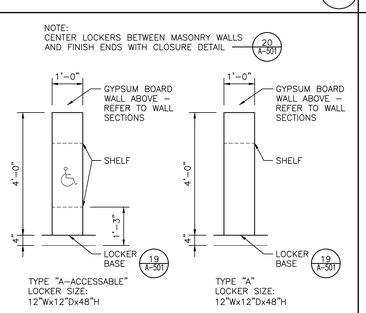
7 A-501



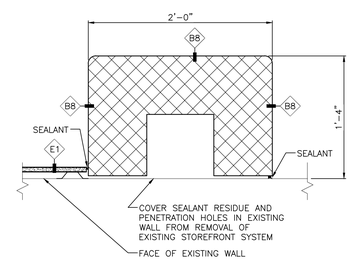
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
2 A-501



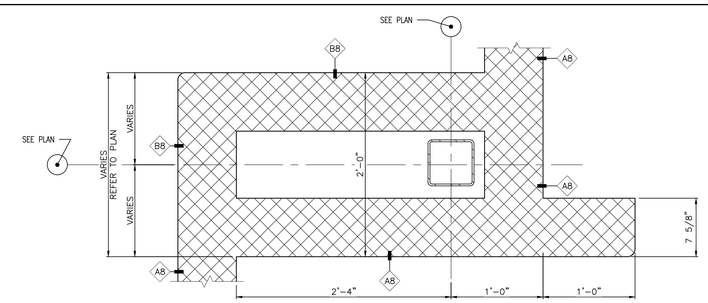
WINDOW INFILL DETAIL
SCALE: 1 1/2" = 1'-0"
21 A-501



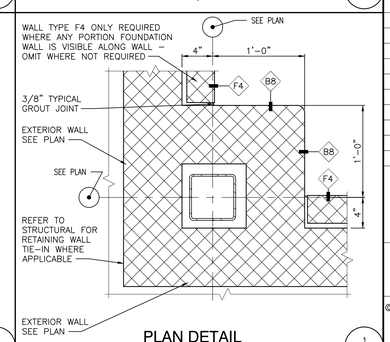
TYPICAL LOCER ELEVATIONS
SCALE: 1/2" = 1'-0"
18 A-501



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
13 A-501



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
6 A-501



PLAN DETAIL
SCALE: 1 1/2" = 1'-0"
1 A-501

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PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
UNION NORTH UNITED SCHOOL CORPORATION
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PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY JMG
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
ENLARGED PLANS, ELEVATIONS & DETAILS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
A-501

Friday, 9/4/2020 – 5:30 PM – LAST SAVED BY:PDECROTHY
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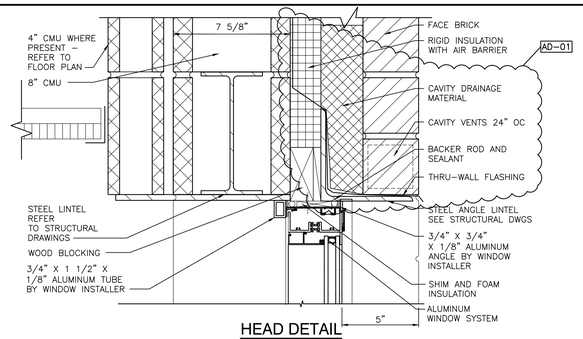
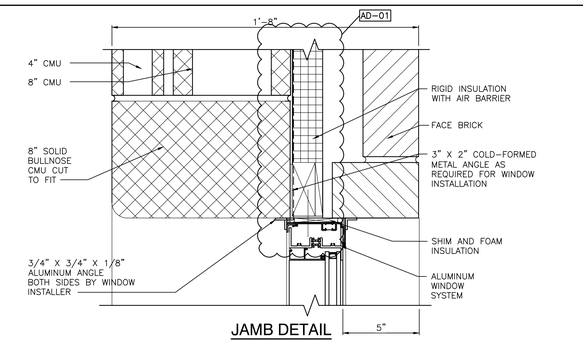


HEAD DETAIL

SCALE: 3" = 1'–0"

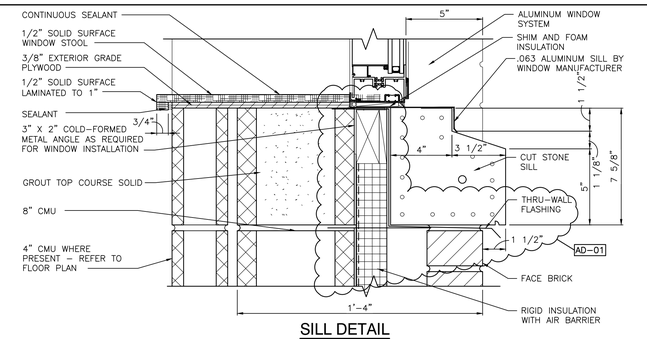
6 / A–610



JAMB DETAIL

SCALE: 3" = 1'–0"

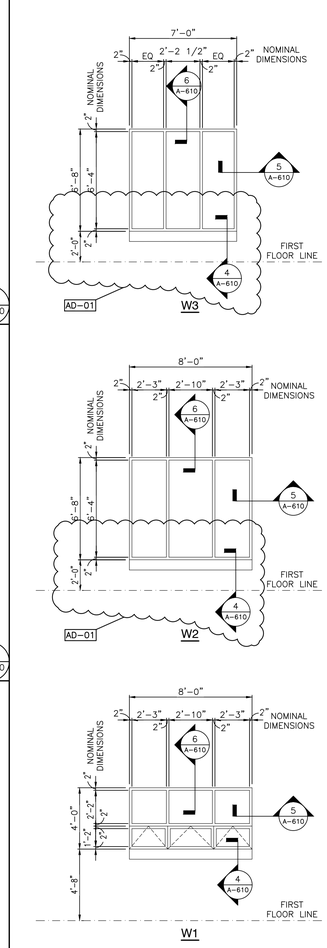
5 / A–610



SILL DETAIL

SCALE: 3" = 1'–0"

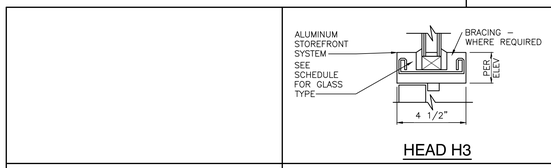
4 / A–610



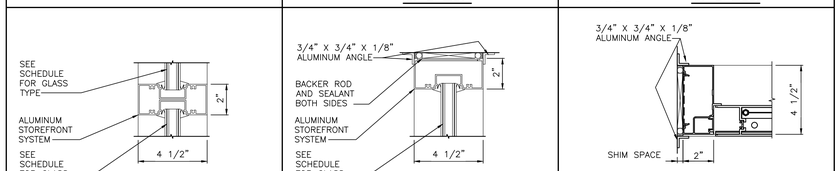
WINDOW ELEVATIONS

SCALE: 1/4" = 1'–0"

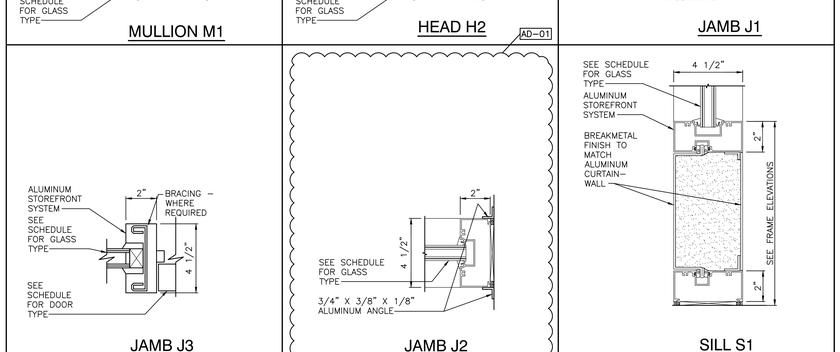
3 / A–610



HEAD H3 | HEAD H1



MULLION M1 | HEAD H2 | JAMB J1



JAMB J3 | JAMB J2 | SILL S1

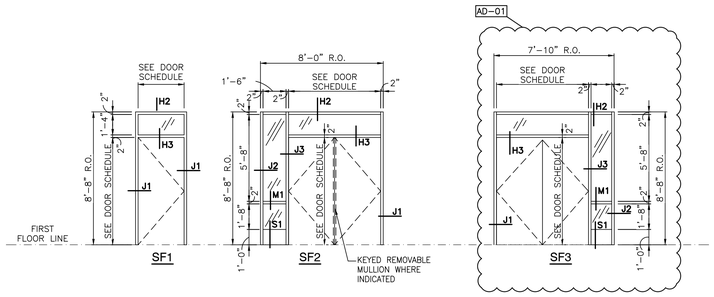
STOREFRONT (SF) FRAME PROFILES

SCALE: 3" = 1'–0"

2 / A–610

NOTES - ALUMINUM STOREFRONT (SF)

1. FOR STOREFRONT HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND STOREFRONT (SF) FRAME PROFILES 2/A–610.
2. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL STOREFRONT FRAMING.
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
8. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
9. PROVIDE GLAZING AND SETTING AND SEALING ACCESSORIES AS REQUIRED.



STORE FRONT FRAME ELEVATIONS (SF)

SCALE: 1/4" = 1'–0"

1 / A–610

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PROJECT

LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK

UNION NORTH UNITED SCHOOL CORPORATION
12645 TYLER RD
LAKEVILLE, IN 46536

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PROJECT 20–128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY PCD,JMG,KS
CHECKED BY DJW

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

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DRAWING
ALUMINUM STORE FRONT ELEVATIONS

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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SHEET
A-610

Friday, 9/4/2020 – 5:30 PM – LAST SAVED BY:PIECROTHY
Y:\20–128 UNION–NORTH LAVILLE ES – 2020 IMPROVEMENTS\20–128 DRAWINGS\05 ARCH\A–610.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

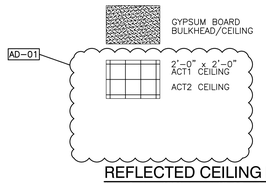
F. EXISTING CEILING DIFFUSERS, RETURN AIR GRILLES, AND CEILING CABINET HEATERS ARE EXISTING TO REMAIN, UNLESS OTHERWISE INDICATED IN MEP OR FIRE PROTECTION DRAWINGS.

G. REFER TO MECHANICAL DRAWINGS IF PRESENT FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS. IF NOT PRESENT EXISTING SHALL REMAIN. COORDINATE ANY CONFLICTS WITH ARCHITECT PRIOR TO INSTALLATION OF LIGHTS/ CEILING PADS.

H. CEILING GRID IN EXISTING ROOMS NOT OTHERWISE MODIFIED DUE TO CONSTRUCTION IS SHOWN FOR GENERAL REFERENCE TO EXISTING CONDITIONS PRESENT. FIELD VERIFY EXISTING CONDITIONS.

I. EXISTING CEILING HEIGHTS ARE TO REMAIN UNLESS NOTED OTHERWISE.

REFLECTED CEILING PLAN LEGEND:



1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

SUPPLY AIR DIFFUSER

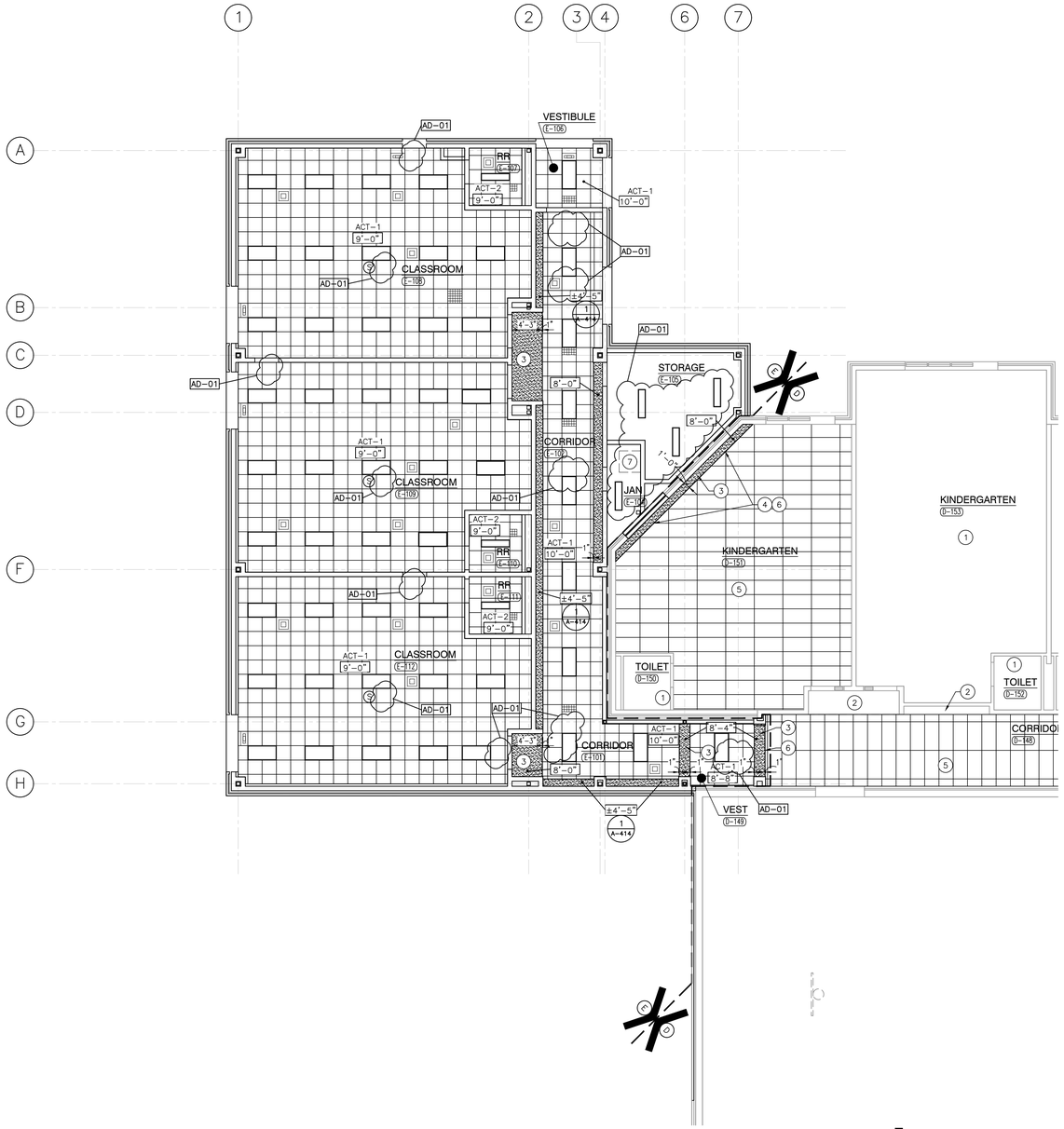
RETURN, EXHAUST, AND TRANSFER AIR GRILLE.

X'-X" INDICATES CEILING/BULKHEAD HEIGHT ABOVE FINISHED FLOOR.

REFLECTED CEILING PLAN NOTES:

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

1. EXISTING CEILING GRID & PADS, GYPSUM CEILING OR EXPOSED STRUCTURE TO REMAIN.
2. EXISTING GYPSUM BULKHEAD TO REMAIN. PATCH, REPAIR, AND PAINT COMPLETE ALL AREAS DAMAGED AS RESULT OF NEW CONSTRUCTION.
3. GYPSUM BULKHEAD. — 1/A-905
4. PATCH AND REPAIR CEILING GRID AND SUSPENSION SYSTEM AS REQUIRED TO MATCH ORIGINAL CONFIGURATION.
5. REMOVE EXISTING CEILING GRID AND PADS AS REQUIRED TO DO MECHANICAL WORK ABOVE CEILING. REFER TO MECHANICAL DRAWINGS FOR EXTENT OF WORK. REPLACE TO MATCH ORIGINAL CONFIGURATION.
6. MODIFY/TRIM EXISTING GRID AND PADS AS REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION.
7. ROOF HATCH — 10/A-211

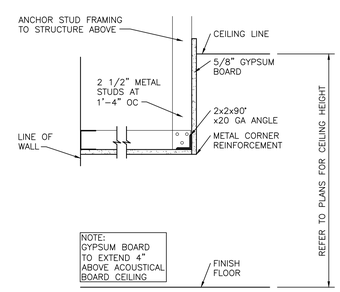


UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN

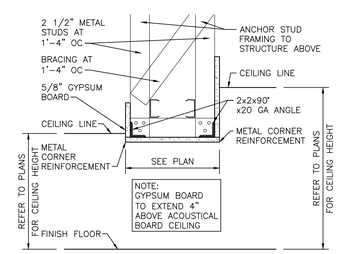
SCALE: 1/8" = 1'-0"

TRUE NORTH

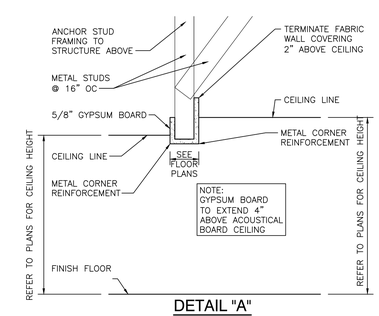
PLAN NORTH



DETAIL "C"



DETAIL "B"



DETAIL "A"

BULKHEAD DETAILS

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

1/A-905

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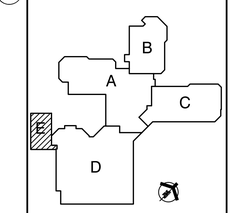

FIRST FLOOR KEYPLAN

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PROJECT 20-128
DATE 08/24/20
COORDINATED BY TA
DRAWN BY JMG
CHECKED BY NAS

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

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REVISIONS

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DRAWING

UNIT "E" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT

LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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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. 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.

G. 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.

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

I. 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.

J. 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.

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

L. 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.

M. REFRIGERANT PIPING INSTALLATION INCLUDING SIZING IS TO BE AS PER MANUFACTURER'S RECOMMENDATIONS FOR THE ACTUAL FIELD ROUTING AND FOR THE EQUIPMENT PROVIDED. PROVIDE ALL SUCTION LINE TRAPS, SOLENOID VALVES, SIGHT GLASSES AND FILTER/DRIERS AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

N. 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.

O. 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.

P. 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.

Q. 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.

R. 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.

S. 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.

T. 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.

U. REMOVE EXISTING EQUIPMENT, PIPING, 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.

V. REMOVE PIPING AND CONTROLS ARE TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL PIPING AND CONTROLS AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. REPAIR DAMAGED PIPING INSULATION DUE TO NEW INSTALLATION WORK.

W. 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.

X. 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.

Y. PROVIDE AND INSTALL PVC PIPE PLENUM WRAP, TESTED TO UL 94 AND UL 910, FOR ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING PLENUMS.

Z. 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.

AA. 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.

AB. 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.

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

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

AE. 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.

AF. PROVIDE RELIEF VENT PIPING FOR REFRIGERATION EQUIPMENT. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.

AG. 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.

AH. 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.

AD-1

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PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS AND RELATED WORK
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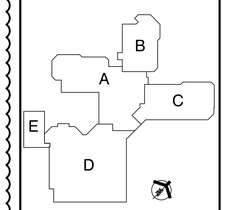

FIRST FLOOR KEYPLAN

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PROJECT 20-128
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
MECHANICAL GENERAL NOTES

PROJECT
LAVILLE ELEMENTARY SCHOOL - 2020 IMPROVEMENTS

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