KNOX COUNTY JUSTICE CAMPUS
SHEET INDEX

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2

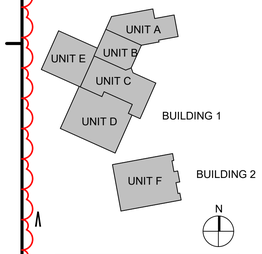
Designed By: LD/SP

Drawn By: JW

Checked By: LD/EV

Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



SHEET INDEX

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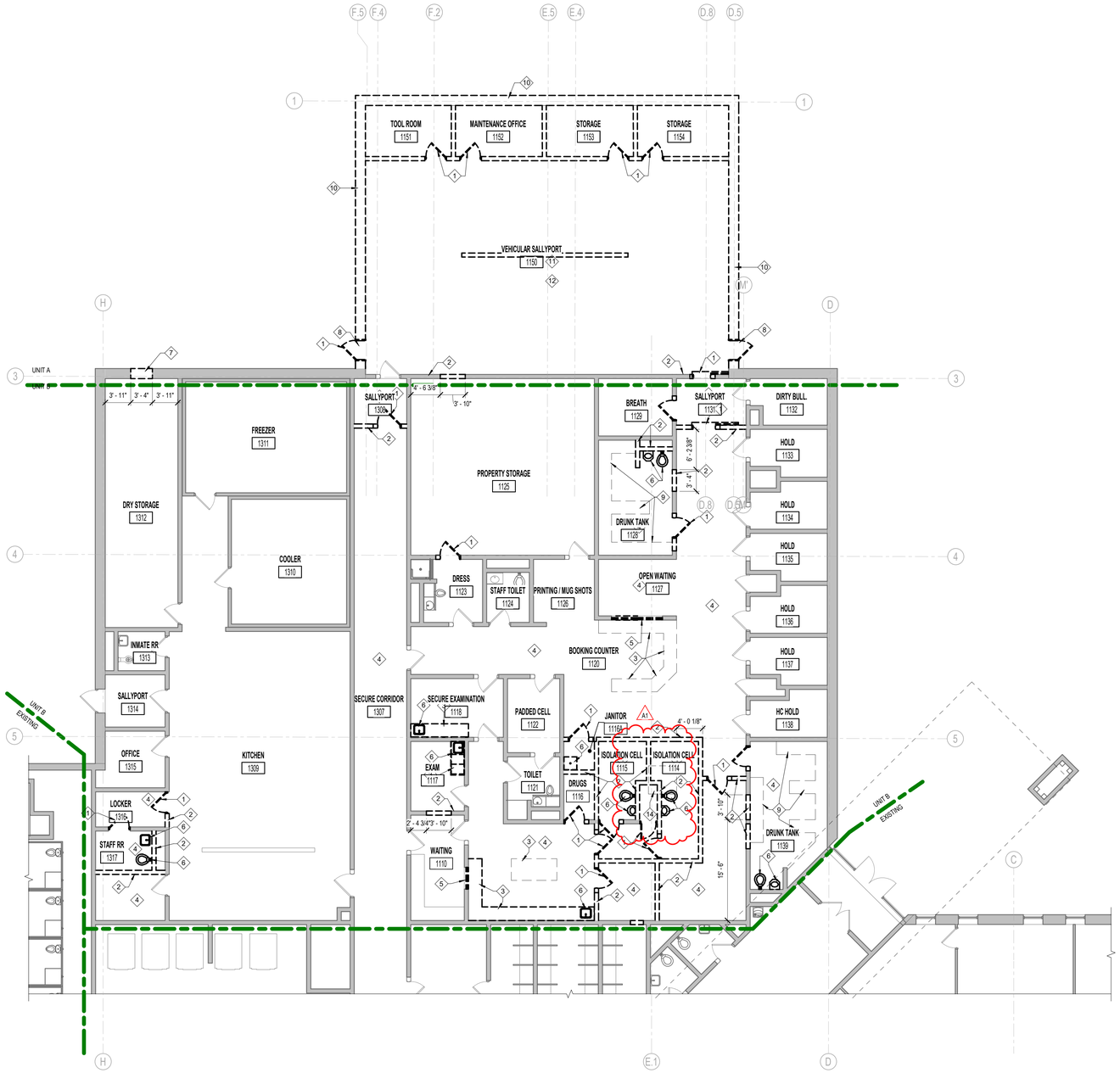

2B DEMOLITION PLAN UNIT B
1/8" = 1'-0"

5.4.092 - DEMO FLOOR PLAN...

Key	Note
1	REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY, INCLUDING ALL ACCESSORIES AND ANCHORS. PATCH EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION. MATCH EXISTING WALL TYPE.
2	REMOVE EXISTING INTERIOR WALL CONSTRUCTION TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOW SYSTEMS, BULKHEADS AND MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION AND CONDITIONS. REFER TO ARCHITECTURAL FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
3	REMOVE EXISTING CASEWORK TO LIMITS INDICATED, INCLUDING BUT NOT LIMITED TO ANY ADHESIVES AND ANCHORS. PATCH AND PREP SURFACES TO REMAIN TO RECEIVE NEW CONSTRUCTION.
4	REMOVE EXISTING CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL ACCESSORIES, ANCHORS AND ADHESIVES. PATCH EXISTING SURFACES TO REMAIN TO RECEIVE NEW CONSTRUCTION.
5	REMOVE EXISTING WINDOW ASSEMBLY IN ITS ENTIRETY, INCLUDING ALL ASSOCIATED HARDWARE, ANCHORS AND BRACING. PREPARE OPENING FOR NEW CONSTRUCTION. REFERENCE ARCHITECTURAL FLOOR PLAN(S) FOR NEW CONSTRUCTION.
6	REMOVE EXISTING PLUMBING FIXTURES IN ITS ENTIRETY, INCLUDING ALL ANCHORS, ADHESIVES, AND ACCESSORIES. PREP SURFACES TO REMAIN TO RECEIVE NEW CONSTRUCTION. ADJUST EXISTING PLUMBING AS REQUIRED TO RECEIVE NEW CONSTRUCTION. COORDINATE WITH PLUMBING DRAWINGS.
7	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION TO LIMITS INDICATED INCLUDING, BUT NOT LIMITED TO, DOORS, FRAMES, WINDOW SYSTEMS, BULKHEADS AND MISCELLANEOUS FRAMING. FIELD VERIFY ALL EXISTING WALL CONSTRUCTION AND CONDITIONS. REFER TO ARCHITECTURAL FLOOR PLANS FOR FINISH CONDITIONS AND DIMENSIONS. NEW CONSTRUCTION TO TOOTH-IN TO EXISTING MASONRY COURSING WHERE APPLICABLE. PATCH AND REPAIR EXISTING SURFACES TO REMAIN.
8	REMOVE ALL EXTENTS OF EXISTING TRANSITION STRIP
9	REMOVE EXISTING CONCRETE BENCH IN ITS ENTIRETY, INCLUDING ALL ACCESSORIES, ADHESIVES, AND ANCHORS. PATCH EXISTING SURFACES TO REMAIN AND PREP TO RECEIVE NEW CONSTRUCTION.
10	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION IN IT'S ENTIRETY TO 8" BELOW GRADE. INCLUDING, BUT NOT LIMITED TO, DOOR, FRAMES, WINDOW SYSTEMS. FIELD VERIFY EXISTING WALL CONSTRUCTION AND CONDITIONS.
11	REMOVE EXISTING CONCRETE SLAB IN IT'S ENTIRETY.
12	REMOVE EXISTING ROOF AND ROOF STRUCTURE IN IT'S ENTIRETY
13	EXTENTS OF CEILING DEMOLITION. REMOVE TO NEAREST CEILING GRID LINE. PROTECT REMAINING CEILING.
14	REMOVE EXISTING ROOF AND ROOF STRUCTURE AS REQUIRED FOR NEW SKYLIGHT.

A1

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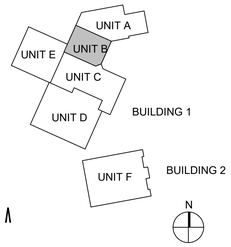
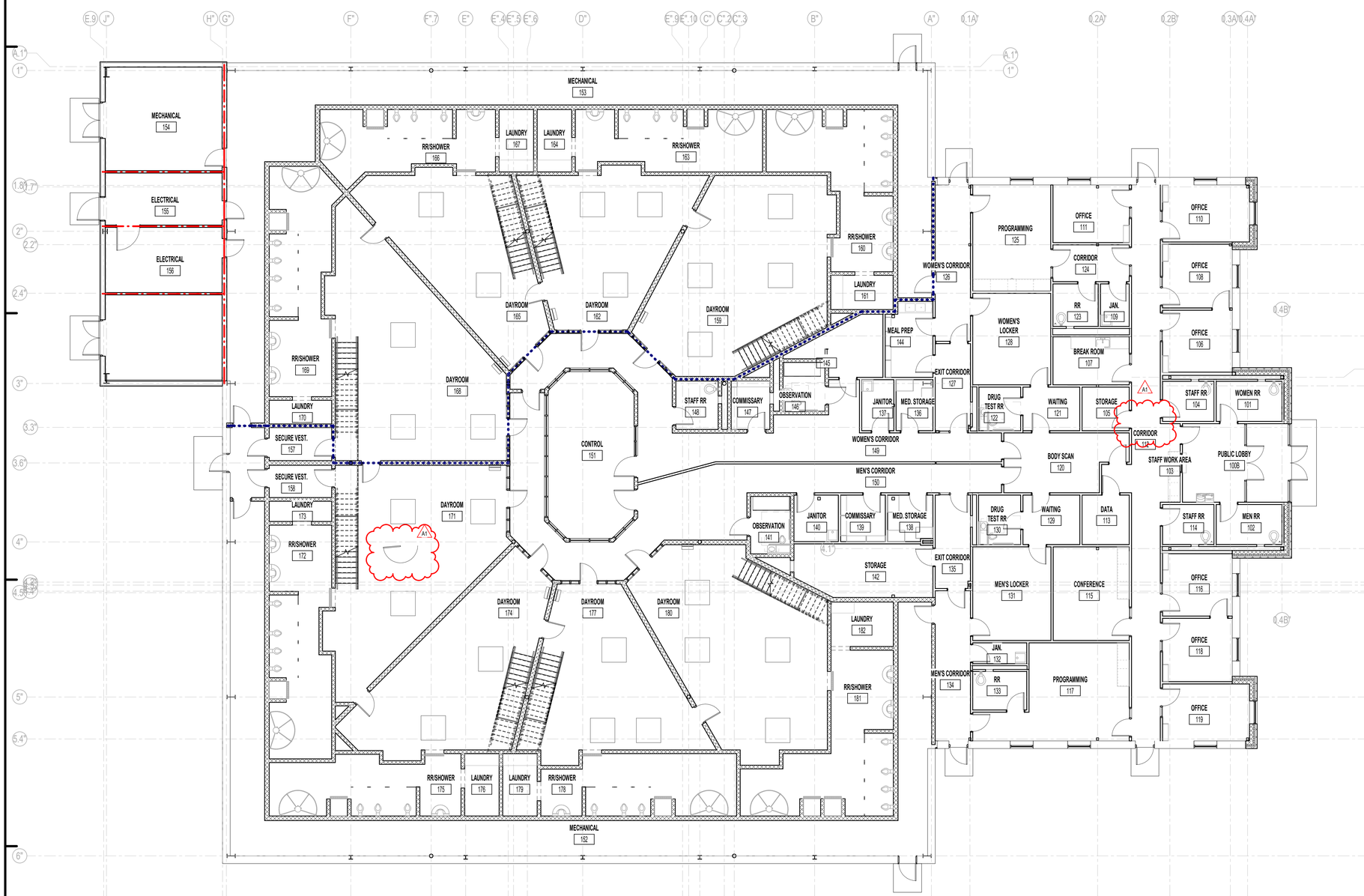


DEMOLITION PLAN UNIT B

AD 1B1



2A OVERALL FIRST FLOOR PLAN BUILDING 2
1/8" = 1'-0"

General Plan Notes

A. PLAN NOTES INDICATE ONE GRAPHIC REPRESENTATION TYPICAL. THE CONTRACTOR SHALL USE THE GRAPHIC REPRESENTATIONS FOR THE COUNT. NOT THE KEYED PLAN NOTES. THE ABSENCE OF A KEYED PLAN NOTE ON THE PLAN DOES NOT ABSOLVE THE CONTRACTOR FROM PROVIDING THE FEATURE GRAPHICALLY REPRESENTED ON THE DRAWING.

B. ALL DIMENSIONS SHOWN ARE TO FACE OF STUD OR MASONRY, UNLESS NOTED OTHERWISE. DIMENSIONS DESIGNATED AS "CLR OR "CLEAR" INDICATE A CLEAR DIMENSION FROM FACE OF FINISH TO FACE OF FINISH. DIMENSIONS OF EXTERIOR WALLS ARE TO OUTSIDE EDGE OF FOUNDATION.

C. DIMENSIONS FOR ALL OPENINGS FOR MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL SHALL BE FIRE STOPPED AT EACH FLOOR AND RATED WALL PENETRATION.

D. PROVIDE BRACING AND BLOCKING AS REQUIRED IN WALLS SUPPORTING CASEWORK, TACKBOARDS, MARKERBOARDS, TELEVISIONS, RESTROOM ACCESSORIES, AND ANY ADDITIONAL WALL MOUNTED EQUIPMENT. COORDINATE WALL MOUNTED EQUIPMENT WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS.

E. ALL COMMERCIAL DOOR FRAMES ARE LOCATED 4" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE. ALL DETENTION DOOR FRAMES ARE LOCATED 8" FROM ADJACENT WALL, UNLESS NOTED OTHERWISE

F. ALL EXPOSED OUTSIDE CORNERS OF CMU SHALL BE BULLNOSE.

G. SEAL ALL JOINTS BETWEEN DISSIMILAR MATERIALS.

H. ALL GYPSUM WALLBOARD IS 5/8" TYPE "X", UNLESS NOTED OTHERWISE.

I. ALL EXTERIOR WALLS ARE TYPE "ES6B", UNLESS NOTED OTHERWISE.

J. ALL INTERIOR STUD WALLS ARE TYPE "S4AD" (3-5/8" METAL STUD TO DECK WITH SOUND ATTANUATION INSULAITON TO UNDERSIDE OF ROOF DECK) UNLESS NOTED OTHERWISE. ALL INTERIOR MASONRY WALLS ARE M8-D (7-5/8" CMU TO DECK) UNLESS NOTED OTHERWISE

K. BASE ELEVATION IS AS INDICATED ON C200 - SITE LAYOUT PLAN (UNITED STATES GEOLOGICAL SURVEY DATA). COORDINATE WITH CIVIL DRAWINGS

L. ALL WALLS GOING TO DECK ARE TO BE SECURED TO DECK/STRUCTURE ABOVE AS REQUIRED. PROVIDE ADDITIONAL BRACING AS REQUIRED.

M. ALL WALLS THAT HAVE THE DESIGNATION "-C", AND ARE IN A SPACE WITH NO CEILING WILL BE 10FT TALL.

N. DRAWINGS ESTABLISH THE DESIGN INTENT OF WORK TO BE PERFORMED. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST INDUSTRY STANDARDS. ALL PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL TRADES SHALL CAREFULLY COORDINATE WORK OF ALL OTHER TRADES. ANY DISCREPANCIES OR CONFLICTS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND THE OWNER PRIOR TO FABRICATION OR INSTALLATION.

O. CONTRACTORS SHALL BE RESPONSIBLE FOR CHECKING THE CONSTRUCTION DOCUMENTS FOR COORDINATION BETWEEN ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, ELECTRICAL, PLUMBING, SECURITY AND LANDSCAPING. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD VERIFYING EXISTING CONDITIONS AND FOR VERIFYING WITH THE CONTRACT DOCUMENTS. ANY DISCREPANCY IN THE CONTRACT DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO ANY FABRICATION OR CONSTRUCTION.

P. ALL CORRIDOR SURFACES SHALL BE FLUSH. AT JUNCTIONS OF MASONRY AND STUD WALLS, MASONRY WALL LOCATIONS SHALL HOLD TRUE AND MTL STUDS SHALL BE MOVED AS REQUIRED TO PROVIDE FLUSH CONNECTION BETWEEN GYP. BD. AND MASONRY. VERIFY NO. OF LAYERS OF GYP. BD. W/ WALL TYPES. RELOCATION OF WALL SHALL BE APPROVED BY ARCHITECT PRIOR TO CONST. AT TRANSITIONS FROM 1 LAYER GYP. BD. TO 2 LAYERS OF GYP. ON MTL. STUDS A MIN. CORRIDOR WIDTH OF 5'-0" FROM FACE OF STUDS SHALL BE MAINTAINED.

Q. ALL BUILDING MATERIALS (INCLUDING BUT NOT LIMITED TO METAL FLASHING, VAPOR BARRIERS, AIR/WATER RESISTANT BARRIERS, THRU-WALL FLASHING, ETC.) SHALL BE LAPPED TO SHED WATER TO THE OUTSIDE OF THE BUILDING ENVELOPE.

R. SEE CODE COMPLIANCE PLAN G-101 AND G-102 FOR FIRE RATED WALLS.

S. SEE WALL TYPE SHEET A-002 FOR WALLS AND CONSTRUCTION REQUIREMENTS. SEE A-003 FOR ADDITIONAL GENERAL WALL DETAILS

T. WHEREVER POSSIBLE KEEP MINIMUM SIZE OF CUT MASONRY TO 4" OR GREATER.

U. ALL DIAGONAL WALLS SHALL BE AT 45° (U.N.O.)

V. COORDINATE WITH STRUCTURAL DRAWINGS FOR CONTROL/EXPANSION JOINT LOCATIONS.

W. SLOPE CONCRETE SLABS TO FLOOR DRAINS AT 1/16" MIN. PER FT.

X. ALL CMU WALLS WITH EMBEDDED DETENTION EQUIP. TO HAVE WALLS GROUTED SOLID & REINF. W/ 1 #4 BAR @ 16" O.C. FOR MIN. 4'-0" AROUND EMBEDDED EQUIPMENT OR USE STEEL BLOCKS.

Y. ALL EXPOSED PIPES, DUCTS CONDUITS IN SECURITY AREAS SHALL BE ENCLOSED WITH SECURITY BULKHEAD/COVERPLATES. PROVIDE TAMPER RESISTANT ANCHORS.

Z. ALL DOORS AND BORROWED LITE FRAMES IN SECURITY MASONRY WALLS TO BE FULLY GROUTED. ALL SECURITY DOORS AND BORROWED LITE FRAMES IN MASONRY WALLS TO BE FULLY GROUTED. ALL SECURITY DOORS AND BORROWED LITE FRAMES IN SECURITY STUD WALLS TO HAVE JAMBS FULLY GROUTED UNLESS NOTED OTHERWISE.

AA. WHEREVER VOLUME DAMPERS (V.D.) ARE LOCATED ABOVE SECURITY CEILINGS, PROVIDE 2'-0"x2'-0" ACCESS PANELS IN THE CEILING. REFER TO MECHANICAL DRAWINGS FOR NUMBER AND LOCATION. COORDINATE WITH ELECTRICAL DRAWINGS. PANELS SHALL BE SECURITY TYPE TO MATCH ADJACENT CEILING.

BB. ALL CHASE WALLS SHALL BE FULL HEIGHT UNLESS NOTED OTHERWISE.

CC. ALL INTERIOR AND EXTERIOR EXPOSED STEEL TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT.

DD. PROVIDE (1) ONE 8'x12' GRAPHIC SITE CONSTRUCTION SIGNS. ARCHITECT TO PROVIDE GRAPHIC CONTRACTOR TO INSTALL

EE. ALL EXTERIOR WINDOWS ARE TYPE "F3", UNLESS NOTED OTHERWISE.

FF. SUFFIXES WITHIN SPECIFICATION REFERENCES (i.e. 10 11 33.XX or 10 11 33.A1) IN THE DRAWINGS CAN BE IGNORED. THESE SUFFIXES ARE A SORTING MECHANISM USED IN PREPARING THESE DRAWINGS.

GG. ALL ROUGH OPENINGS (R.O.) SHALL BE VERIFIED WITH SELECTED WINDOW AND DOOR MANUFACTURER. ANY CHANGES FROM THE BASIS OF DESIGN WILL BE COORDINATED WITH ALL TRADES AND ROUGH OPENINGS ADJUSTED AS REQUIRED. ANY DISCREPANCIES FOUND WILL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO CONSTRUCTION. ANY CHANGES AND REVISIONS WILL BE AT CONTRACTORS' EXPENSE.

HH. ALL CONSTRUCTION AROUND PLUMBING FIXTURES IS REQUIRED TO BE COORDINATED WITH SELECTED MANUFACTURERS. ADJUST WALLS AS REQUIRED TO ACCOMMODATE THE INSTALLATION OF THE SELECTED MANUFACTURERS PLUMBING FIXTURES. ANY CHANGES AND REVISIONS WILL BE DONE AT CONTRACTORS' EXPENSE. ALL COMMERCIAL TOILET FIXTURES ARE TO HAVE 60" CLEAR IN BOTH X AND Y DIRECTION. ALL TOILET FIXTURES TO SIT 17" TO 18" OF THE ADJACENT WALL TO CENTERLINE OF FIXTURE. ALL SINKS TO SIT 18" OFF THE FACE OF THE ADJACENT WALL TO CENTERLINE OF FIXTURE

II. ALL 48" WIDE DETENTION DOORS SHALL BE (4) SECURITY TYPE HINGES. ALL 48" WIDE COMMERCIAL DOORS SHALL HAVE CONTINUOUS HINGES.

JJ. ALL DOOR HARDWARE EXPOSED FASTENERS IN SECURITY AREA ARE TO BE SECURITY TYPE.

KK. ALL EXPOSED STRUCTURE TO BE PRIMED AND PAINTED WITH HIGH PERFORMANCE PAINT.

LL. NON-PREFINISHED INTERIOR SURFACES (MASONRY/DRYWALL/STEEL) IN DETENTION AREAS SHALL RECEIVE HIGH PERFORMANCE EPOXY COATING, AND SHOULD BE PROTECTED DURING CONSTRUCTION. ANY DAMAGE TO PREFINISHED SURFACES DURING CONSTRUCTION SHALL BE REPAIRED AT CONTRACTORS EXPENSE.

MM. ALL DOOR HARDWARE FASTENERS IN SECURITY AREAS ARE TO BE SECURITY TYPE.

NN. PROVIDE SHOWER CURTAINS IN ALL SHOWER LOCATIONS.

OO. PROVIDE STEEL COVER PLATES AT ALL EXPOSED COLUMNS IN THE DETENTION AREAS, SECURE UTILIZING SECURITY SCREWS AND SECURITY CAULKING.

PP. ALL WALLS TO DECK/STRUCTURE ARE TO HAVE SOUND ATTENUATION BLANKET STUFFED FULL DEPTH AND HEIGHT OF THE CAVITY BETWEEN TOP OF WALL AND BOTTOM OF DECK/STRUCTURE. AT RATED WALLS PROVIDE MINERAL WOOL INSULATION WITH METAL CLOSURE PLATES AND FIRE RESISTIVE JOINT SYSTEM.

QQ. ALL ADA SHOWER UNITS ARE TO RECEIVE BUILT IN SHOWER SEAT AND CODE COMPLIANT GRAB BARS, UNLESS NOTED OTHERWISE

RR. PROVIDE CLOSURE TRIM AT ALL CMU TO PRE-ENGINEERED METAL BUILDING WALL EXTERIOR WALL TYPES.

SS. ALL ELECTRICAL DEVICES TO BE COORDINATED WITH ALL CASEWORK LOCATION. ADJUST DEVICE LOCATIONS AS REQUIRED TO AVOID CONFLICT, ANY CONFLICT NEEDS TO BE DIRECTED AND APPROVED BY ARCHITECT/ENGINEER PRIOR TO INSTALLATION.

TT. PROVIDE STEEL FINISH PANEL ABOVE ALL SECURITY SHOWER UNITS. EXTEND TO CEILING FLUSH ON ALL SIDES. SECURE AS REQUIRED WITH SECURITY FASTENERS.

UU. PROVIDE WATER MANAGEMENT SYSTEM AT DETENTION PLUMBING FIXTURES INCLUDING BUT NOT LIMITED TO GENERAL POPULATION HOUSING, HOLDING, ISOLATION, MEDICAL, AND OBSERVATION CELLS. PROVIDE POWER TO ALL WATER MANAGMENT DEVICES AS REQUIRED BY MANUFACTURER

VV. SECURITY PLUMBING FIXTURES ACCESSORIES: ALL SECURITY PLUMBING TOILET/SINK COMBO UNITS ARE TO RECEIVE A SINGLE LIGATURE PROOF HOOK AND STAINLESS STEEL MIRROR. ALL SECURITY PLUMING ADA TOULET/SINK COMBO UNITS ARE TO RECEIVE A SINGLE LIGATURE PROOF HOOK, (2) STAINLESS STEEL MIRRORS, 42" HORIZONTAL AND 18" VERTICAL LIGATURE PROOF GRAB BARS, SECURITY TOILET PAPER HOLDER RECESSED IN THE ADJACENT WALL. ALL NON ADA SECURITY SHOWERS ARE TO RECEIVE A SINGLE LIGATURE PROOF HOOK AND A SHOWER CURTAIN. ALL ADA SECURITY SHOWERS ARE TO TO RECEIVE A SINGLE LIGATURE PROOF HOOK, A SHOWER CURTAIN, AND ADA HORIZONTAL AND VERTICAL GRAB BARS. REVIEW PLANS FOR ADDITIONAL ACCESSORIES.

WW. ALL HANDRAILS TO EXTEND 12" PAST THE TREAD EDGE AT TOP AND BOTTOM OF STAIRS. RAILING ARE NOT TO PROTRUDE INTO A WALKING PATH AND SHOULD TURN AT PERPENDICULAR WALL IF ONE IS AVAILABLE. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS PRIOR TO FABRICATION AND INSTALLATION.

XX. ALL COMMERCIAL HOLLOW METAL FRAMES IN STUD WALL CONSTRUCTION TO BE WRAP AROUND WALL DEPTH. ALL COMMERCIAL HOLLOW METAL FRAMES IN CMU CONSTRUCTION TO BE 5-3/4" DEEP CENTRALLY LOCATED IN THE WALL ASSEMBLY WITH BULLNOSE CMU CORNERS. ALL SECURITY HOLLOW METAL FRAMES IN CMU/PRECAST WALLS TO BE 7-5/8" DEEP, CENTRALLY LOCATED OR AT EXTERIOR APPLICATION 3" FROM THE EXTERIOR FACE.

YY. ALL STAIR ASSEMBLIES ARE TO BE ENGINEERED. STAIR SUPPLIER TO PROVIDE ADDITIONAL FRAMING AS REQUIRED FOR A FULLY WARRANTED SYSTEM.

ZZ. PROVIDE ADDITIONAL ACCESS PANELS AT ALL LOCATIONS REQUIRED FOR MAINTANANCE. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION CONTRACTOR. PROVIDE SECURITY ACCESS PANELS IN SECURITY AREAS. SEE AF103 AND AF104 FOR SECURITY AREAS.

AAA. SECURITY SEALANT: PROVIDE SECURITY TYPE SEALANT AT ALL DISIMILAR MATERIAL IN SECURITY AREAS, SEE AF103 AND AF104 FOR SECURITY AREAS. ALL MASONRY CONTROL JOINTS ARE TO RECIEVE SECURITY SEALANTS IN SECURITY AREAS. ALL RATED ASSEMBLIES ARE TO RECIEVE RATED SECURITY SEALANT FROM THE SAME MANUFACTURER. SECURITY SEALANT TO BE TO 10' ABOVE FINISHE LEVEL WHERE INMATES WILL BE PRESENT, @ 10' AFF PROVIDE COMMERCIAL GRADE JOINT SEALANT OR FIRE RATED JOINT SYSTEM

BBB. PROVIDE EXCEL 895 XLERATOR STAINLESS STEEL ANTIMICROBIAL WALL GUARD OR EQUAL AT ALL HAND DRYER LOCATIONS.

CCC. ALL TOP OF MASONRY WALLS SHALL BE TO DECK AS INDICATED ON PLANS 2" SHORT OF DECK OR STRUCTURE ABOVE. FILL GAP WITH SOUND ATTENUATION BLANKET, AND PROVIDE JOINT SEALANT ON BOTH SIDES BETWEEN TOP OF WALL AND UNDERSIDE OF STRUCTURE/DECK. AT RATED WALL ASSEMBLIES PROVIDE FIRE RESISTIVE JOINT SYSTEM BETWEEN TOP OF WALL AND BOTTOM OF STRUCTURE/DECK.

DDD. PROVIDE MOP/BROOM HOLDERS AT ALL MOP BASIN LOCATIONS, SEE SPECIFICATIONS FOR MANUFACTURER AND TYPE.

EEE. REFERENCE STRUCTURAL DRAWINGS FOR ALL BEARING HEIGHTS.

FFF. ALL DOORS SHOWN AT 45 DEGREES ARE EXISTING TO REMAIN. DOOR TAGS SHOWN FOR SECURITY ELECTRONICS SCOPE PURPOSES ONLY. SEE PLAN NOTES FOR ADDITIONAL SCOPE AT THE EXISTING DOORS.

GGG. HATCHING WITHIN WALLS SHOWN IN PLANS AND SECTIONS INDICATES NEW CONSTRUCTION. SOLID HATCHING GRAY / OR HAFTONE INDICATES EXISTING CONSTRUCTION

HHH. ALL NEW DETENTION FIXTURES SHALL RECEIVE NEW DETENTION ACCESSORIES PER RESTROOM ACCESSORY SCHEDULE ON SHEET A-400

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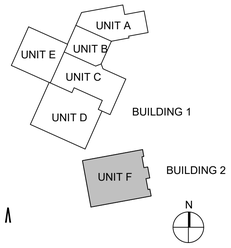
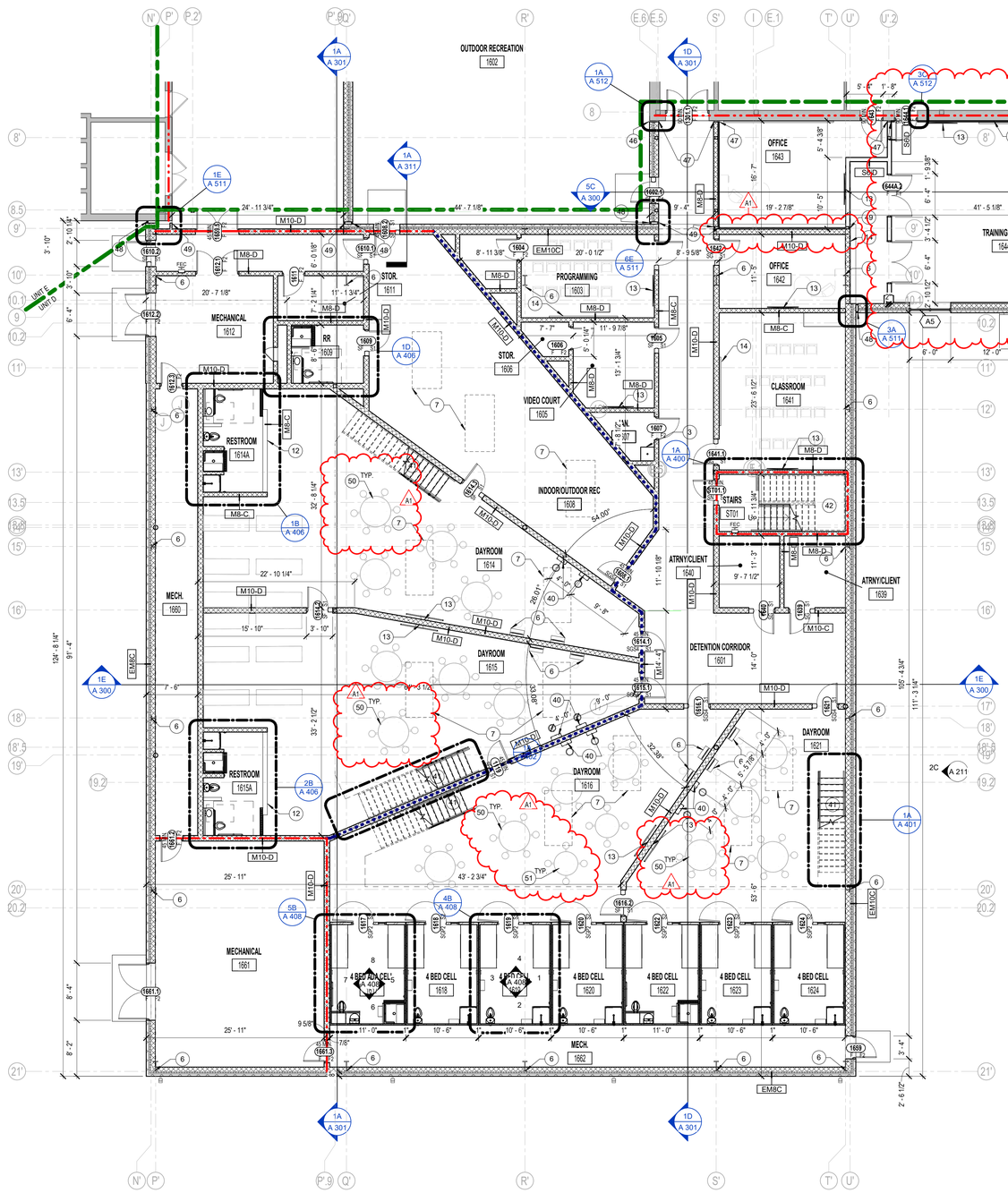


OVERALL FIRST FLOOR PLAN BUILDING 2

AF 105



2D FIRST FLOOR PLAN UNIT D
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
1	FLOOR DRAIN. SEE PLUMBING DRAWINGS. SLOPE ALL NEW FLOOR TO DRAIN AT 1/16" PER 12"
2	ALIGN NEW WALL CONSTRUCTION WITH EXISTING. COORDINATE WITH ALL TRADES.
3	MOP BASIN. SEE PLUMBING DRAWINGS. PROVIDE A 48" TALL STAINLESS STEAL BACKSPLASH 24" PAST BASIN EDGE.
4	MANUFACTURED SIX COMPARTMENT GUN LOCKER
5	INFILL EXISTING OPENING WITH NEW WALL ASSEMBLY TO MATCH EXISTING. TOOTH IN NEW CMU INTO EXISTING.
6	EXPOSED STRUCTURAL STEEL TO BE PRIMED AND PAINTED
7	LINE OF OVERHEAD SKYLIGHT, SEE CEILING AND ROOF PLANS FOR SCOPE
8	HALF HEIGHT WALL. PROVIDE DOUBLE BULLNOSE CORNER UNIT ON TOP
9	CONCRETE BENCH SEE DETAIL1C/A 500
10	BUILT IN CASEWORK AND COUNTERTOP. SEE INTERIOR DRAWINGS FOR SCOPE AND MATERIAL
11	BOOK IN COUNTER BUILT-IN SEE A-401 FOR DETAILS
12	HALF HEIGHT WALL @ 40" A.F.F. WALL TYPE M8-C
13	FLAT SCREEN TV MOUNTING BRACKET @ 6'-0" A.F.F.
14	OWNER PROVIDED MARKER BOARD
15	FLOOR DRAIN. REFERENCE PLUMBING DRAWINGS
16	MANUFACTURED FULLY WELDED SECURITY BUNK SYSTEM - DOUBLE BUNK. BASIS OF DESIGN NORIX MODEL BS10-222 OR EQUAL
20	OWNER PROVIDED SECURITY-TYPE WALL-MOUNTED PHONE KIOSK. COORDINATE POWER/DATA LOCATIONS W/ OWNER.
21	WOVEN WIRE SECURITY SCREEN AND FRAME. PREFINISHED AS SELECTED BY ARCHITECT
22	6" STEEL BOLLARD, CONCRETE FILLED. TO BE PRIMED AND PAINTED SAFETY YELLOW
23	OVERHEAD COILING DOOR OPERATOR AND MOTOR
31	OWNER PROVIDED STACKABLE WASHER & DRYER UNIT.
32	OWNER PROVIDED VENDING MACHINES.
33	NEW 2-HIGH BUNK STACK. REFER TO SPEC. 11 19 10
34	NEW 15"W x 18"D x 6'-0"H LOCKER
35	NEW 36"W x 12"D x 6'-0"H (3) WIDE LOCKERS
36	EXISTING 24"W x 24"D x 6'-0"H LOCKER
37	EXISTING 2-HIGH BUNK STACK
38	MANUFACTURED METAL 6 COMPARTMENT GUN LOCKER SURFACE MOUNTED
39	TRENCH DRAIN. SEE PLUMBING DRAWINGS
40	DETENTION VIDEO VISITATION STATION, CONTRACTOR TO PROVIDE ROUGH-INS. EQUIPMENT BY OWNER
41	ENGINEERED MANUFACTURED METAL OPEN GRATE SECURITY GRADE STAIR. OPEN RISER. STRINGERS TO BE PRIMED AND PAINTED. TREADS TO BE GALVANIZED. ALL CUT "SHARP" EDGES TO BE REMOVED OR PROVIDE AN ANGLE TO COVER CUT EDGES. TYPICAL
42	MANUFACTURED METAL PAN STAIR, CONCRETE FILLED
43	ELEVATED CONTROL ROOM ACCESS FLOOR SYSTEM. 7" PROVIDE PLASTIC LAMINATE FLOOR AS SELECTED BY ARCHITECT. PROVIDE TOE GUARD AT THE ENTIRE PERIMETER
44	STEEL COVER PLATE. SECURE WITH SECURITY FASTENERS AND SECURITY CAULKING. AT ALL BELL LOCATIONS
45	KNOCK OUT MASONRY PANEL. CONSTRUCTION TO MATCH ADJACENT WALL CONSTRUCTION. TO LIMITS INDICATED TO 7'-4" AFF. PROVIDE MASONRY LINTELS PER STRUCTURAL LINTEL SCHEDULE.
46	EXTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED
47	INTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE 12 GA SECURITY TYPE COVERS IN DETENTION SPACES
48	EXTERIOR WALL TO WALL 4" EXPANSION JOINT COVER. PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED
49	INTERIOR WALL TO WALL 4" EXPANSION JOINT COVER
50	6-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10
51	4-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10

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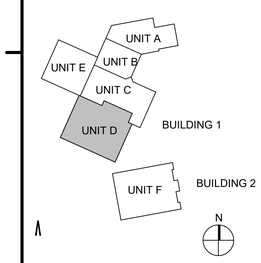
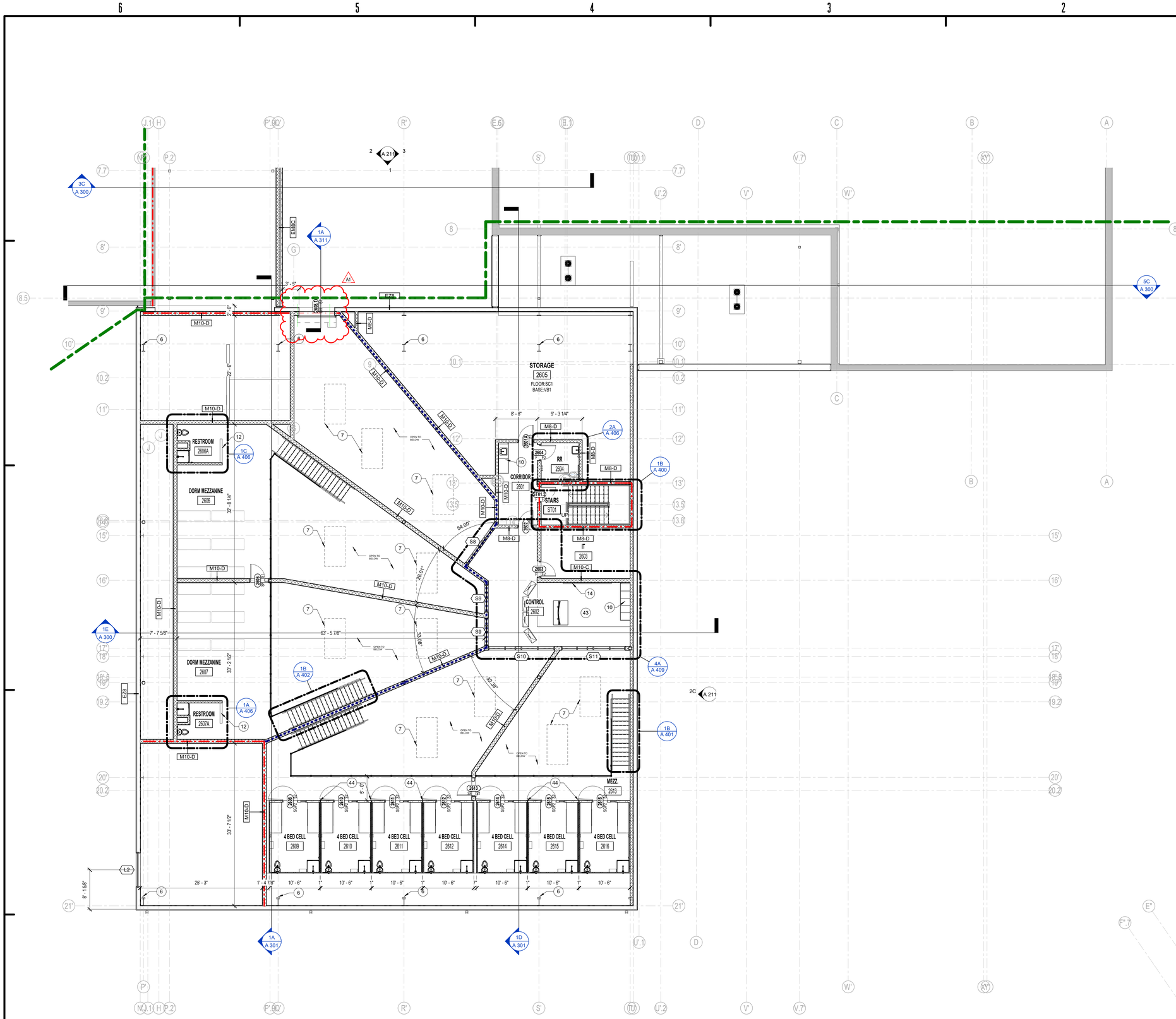


FIRST FLOOR PLAN UNIT D

AF 1D1



2A SECOND FLOOR PLAN - UNIT D
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
1	FLOOR DRAIN. SEE PLUMBING DRAWINGS. SLOPE ALL NEW FLOOR TO DRAIN AT 1/16" PER 12"
2	ALIGN NEW WALL CONSTRUCTION WITH EXISTING. COORDINATE WITH ALL TRADES.
3	MOP BASIN. SEE PLUMBING DRAWINGS. PROVIDE A 48" TALL STAINLESS STEAL BACKSPLASH 24" PAST BASIN EDGE.
4	MANUFACTURED SIX COMPARTMENT GUN LOCKER
5	INFILL EXISTING OPENING WITH NEW WALL ASSEMBLY TO MATCH EXISTING. TOOTH IN NEW CMU INTO EXISTING.
6	EXPOSED STRUCTURAL STEEL TO BE PRIMED AND PAINTED
7	LINE OF OVERHEAD SKYLIGHT, SEE CEILING AND ROOF PLANS FOR SCOPE
8	HALF HEIGHT WALL. PROVIDE DOUBLE BULLNOSE CORNER UNIT ON TOP
9	CONCRETE BENCH SEE DETAIL1C/A 500
10	BUILT IN CASEWORK AND COUNTERTOP. SEE INTERIOR DRAWINGS FOR SCOPE AND MATERIAL
11	BOOK IN COUNTER BUILT-IN SEE A-401 FOR DETAILS
12	HALF HEIGHT WALL @ 40" A.F.F. WALL TYPE M8-C
13	FLAT SCREEN TV MOUNTING BRACKET @ 6'-0" A.F.F.
14	OWNER PROVIDED MARKER BOARD
15	FLOOR DRAIN. REFERENCE PLUMBING DRAWINGS
16	MANUFACTURED FULLY WELDED SECURITY BUNK SYSTEM - DOUBLE BUNK. BASIS OF DESIGN NORIX MODEL BS10-222 OR EQUAL
20	OWNER PROVIDED SECURITY-TYPE WALL-MOUNTED PHONE KIOSK. COORDINATE POWER/DATA LOCATIONS W/ OWNER.
21	WOVEN WIRE SECURITY SCREEN AND FRAME. PREFINISHED AS SELECTED BY ARCHITECT
22	6" STEEL BOLLARD, CONCRETE FILLED. TO BE PRIMED AND PAINTED SAFETY YELLOW
23	OVERHEAD COILING DOOR OPERATOR AND MOTOR
31	OWNER PROVIDED STACKABLE WASHER & DRYER UNIT.
32	OWNER PROVIDED VENDING MACHINES.
33	NEW 2-HIGH BUNK STACK. REFER TO SPEC. 11 19 10
34	NEW 15"W x 18"D x 6'-0"H LOCKER
35	NEW 36"W x 12"D x 6'-0"H (3) WIDE LOCKERS
36	EXISTING 24"W x 24"D x 6'-0"H LOCKER
37	EXISTING 2-HIGH BUNK STACK
38	MANUFACTURED METAL 6 COMPARTMENT GUN LOCKER SURFACE MOUNTED
39	TRENCH DRAIN. SEE PLUMBING DRAWINGS
40 (8.5)	DETENTION VIDEO VISITATION STATION, CONTRACTOR TO PROVIDE ROUGH-INS. EQUIPMENT BY OWNER
41	ENGINEERED MANUFACTURED METAL OPEN GRATE SECURITY GRADE STAIR. OPEN RISER. STRINGERS TO BE PRIMED AND PAINTED. TREADS TO BE GALVANIZED. ALL CUT "SHARP" EDGES TO BE REMOVED OR PROVIDE AN ANGLE TO COVER CUT EDGES, TYPICAL.
42	MANUFACTURED METAL PAN STAIR. CONCRETE FILLED
43	ELEVATED CONTROL ROOM ACCESS FLOOR SYSTEM. 7". PROVIDE PLASTIC LAMINATE FLOOR AS SELECTED BY ARCHITECT. PROVIDE TOE GUARD AT THE ENTIRE PERIMETER
44	STEEL COVER PLATE. SECURE WITH SECURITY FASTENERS AND SECURITY CAULKING, AT ALL CELL LOCATIONS
45 (9)	KNOCK OUT MASONRY PANEL. CONSTRUCTION TO MATCH ADJACENT WALL CONSTRUCTION. TO LIMITS INDICATED TO 7'-4" AFF. PROVIDE MASONRY LINTELS PER STRUCTURAL LINTEL SCHEDULE.
46	EXTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED
47	INTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE 12 GA SECURITY TYPE COVERS IN DETENTION SPACES
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50	6-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10
51	4-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

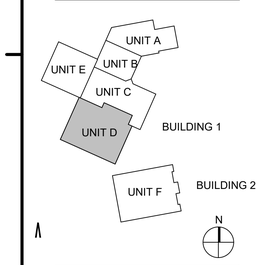
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

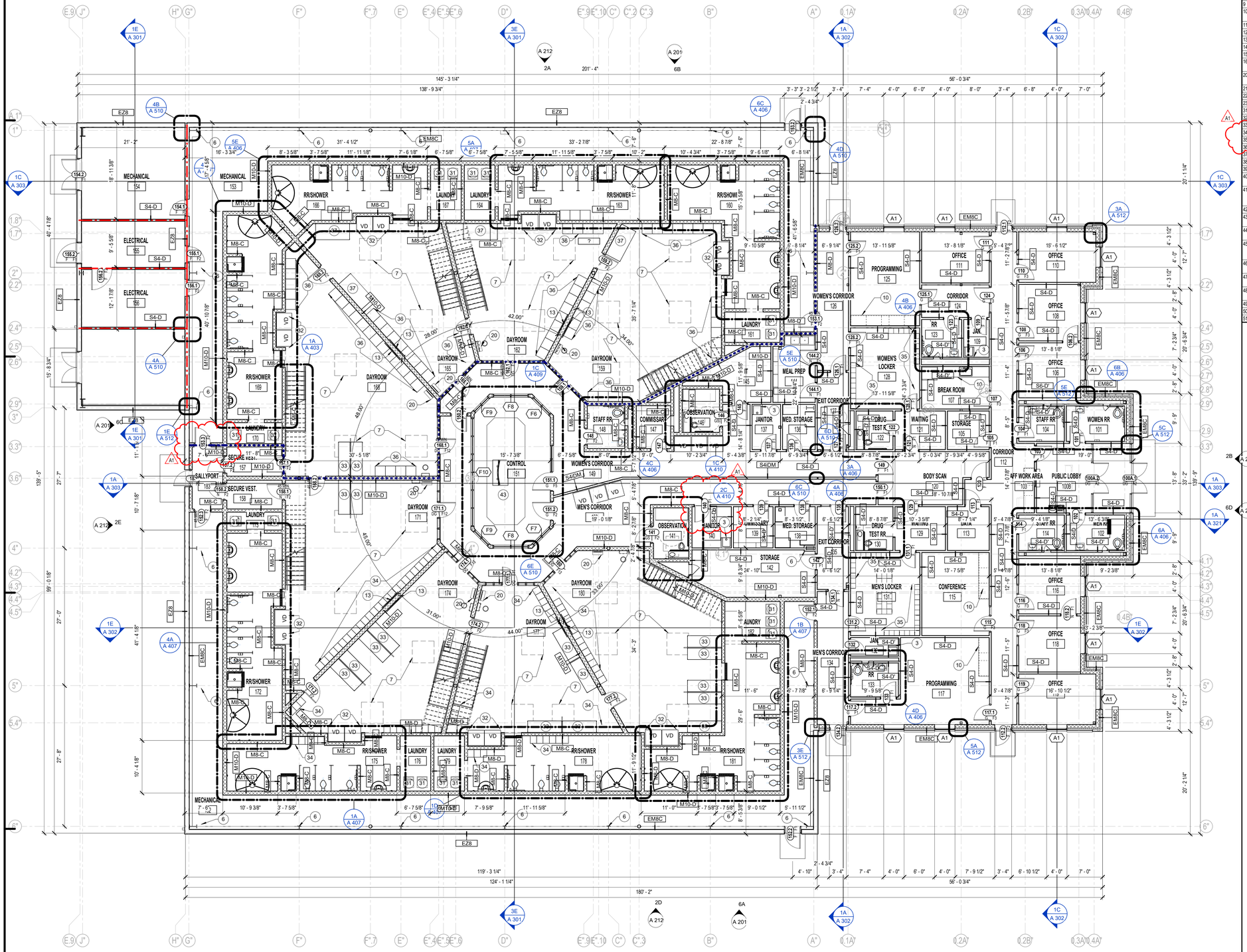
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: JW
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



SECOND FLOOR PLAN
UNIT D

AF 1D2



2A FIRST FLOOR PLAN - UNIT F
1/8" = 1'-0"

REMOVED FURNITURE NOT IN CONTRACT

5.4.110 - FLOOR PLAN NOTES

Key	Note
1	FLOOR DRAIN, SEE PLUMBING DRAWINGS. SLOPE ALL NEW FLOOR TO DRAIN AT 1/16" PER 12"
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3	MOP BASIN, SEE PLUMBING DRAWINGS. PROVIDE A 48" TALL STAINLESS STEAL BACKSPLASH 24" PAST BASIN EDGE.
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7	LINE OF OVERHEAD SKYLIGHT, SEE CEILING AND ROOF PLANS FOR SCOPE
8	HALF HEIGHT WALL. PROVIDE DOUBLE BULLNOSE CORNER UNIT ON TOP
9	CONCRETE BENCH SEE DETAIL1C/A 500
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23	OVERHEAD COILING DOOR OPERATOR AND MOTOR
31	OWNER PROVIDED STACKABLE WASHER & DRYER UNIT.
32	OWNER PROVIDED VENDING MACHINES.
33	NEW 4-HIGH BUNK STACK. REFER TO SPEC 11 19 10
34	NEW 15"W x 18"D x 6'-0"H LOCKER
35	NEW 36"W x 12"D x 6'-0"H (3) WIDE LOCKERS
36	EXISTING 24"W x 24"D x 6'-0"H LOCKER
37	EXISTING 2-HIGH BUNK STACK.
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RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

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1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: LD
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

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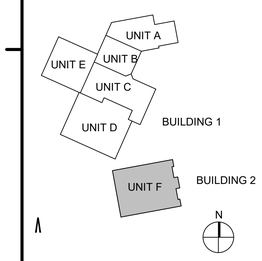
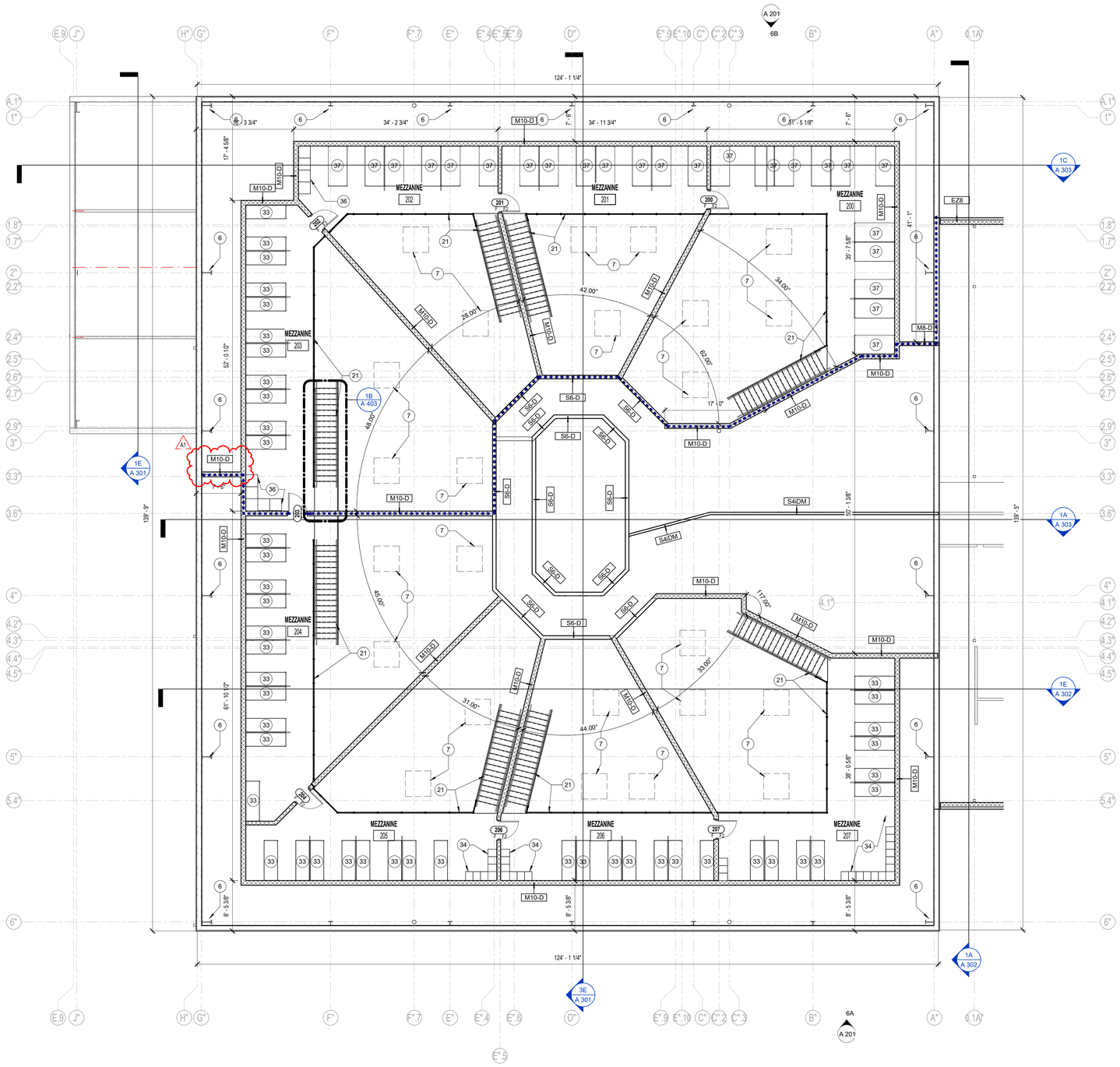


FIRST FLOOR PLAN UNIT F

AF 2F1



3A SECOND FLOOR PLAN - UNIT F

1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
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32	OWNER PROVIDED VENDING MACHINES.
33	NEW 4-HIGH BUNK STACK, SUPPLIED TO SPEC 11 24 10
34	NEW 15"W x 18"D x 6'-0"H LOCKER
35	NEW 36"W x 12"D x 6'-0"H (3) WIDE LOCKERS
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RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2

Designed By: LD

Drawn By: WD

Checked By: LD/EV

Date: 02.14.2022

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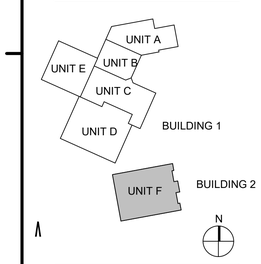
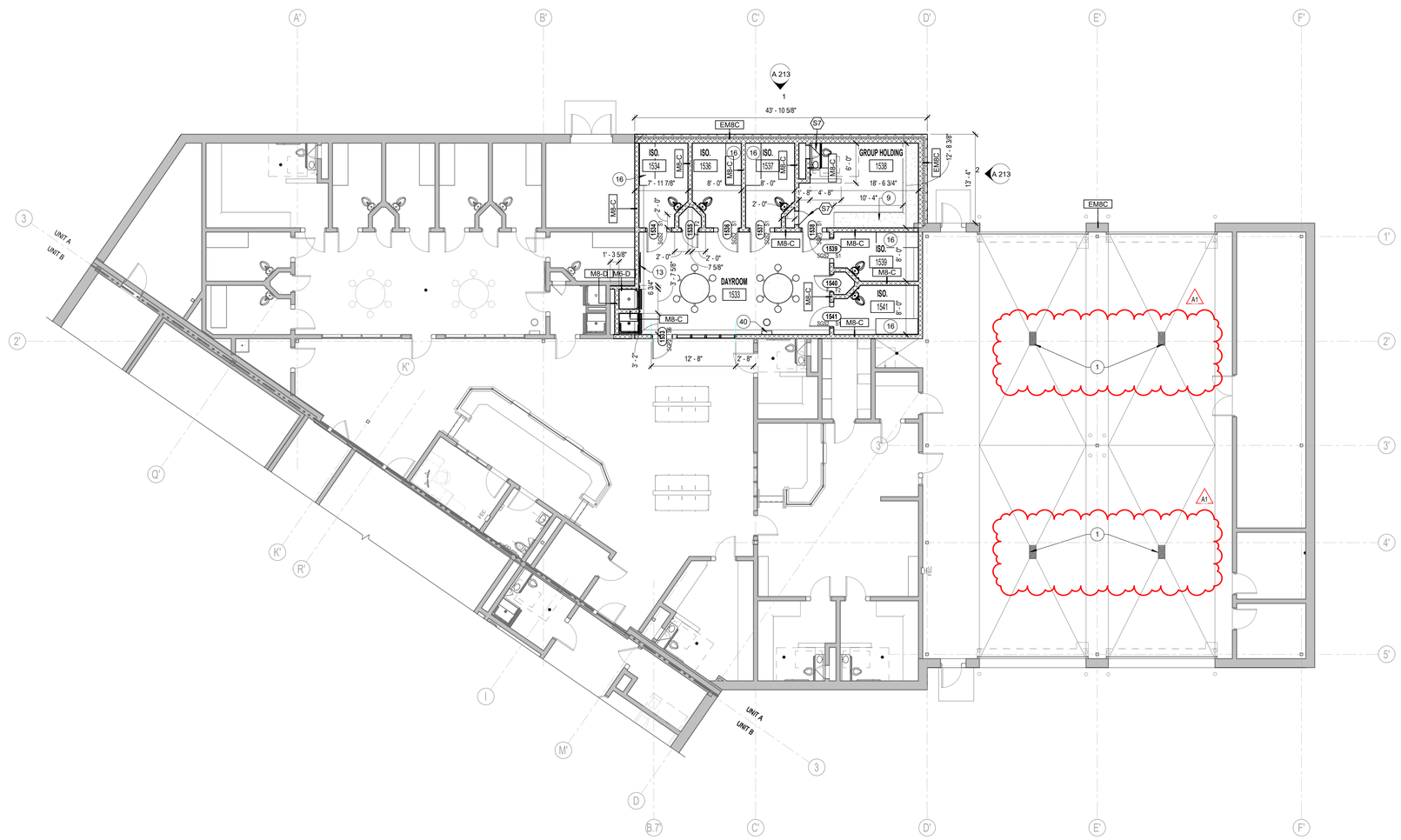


SECOND FLOOR PLAN
UNIT F

AF 2F2



2B **FIRST FLOOR PLAN ALTERNATE "A"**
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
1	FLOOR DRAIN, SEE PLUMBING DRAWINGS. SLOPE ALL NEW FLOOR TO DRAIN AT 1/16" PER 12"
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20	OWNER PROVIDED SECURITY-TYPE WALL-MOUNTED PHONE KIOSK. COORDINATE POWER/DATA LOCATIONS W/ OWNER.
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32	OWNER PROVIDED VENDING MACHINES.
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RQAW ARCHITECTURE

BID SET

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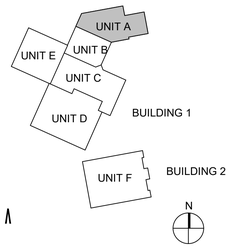
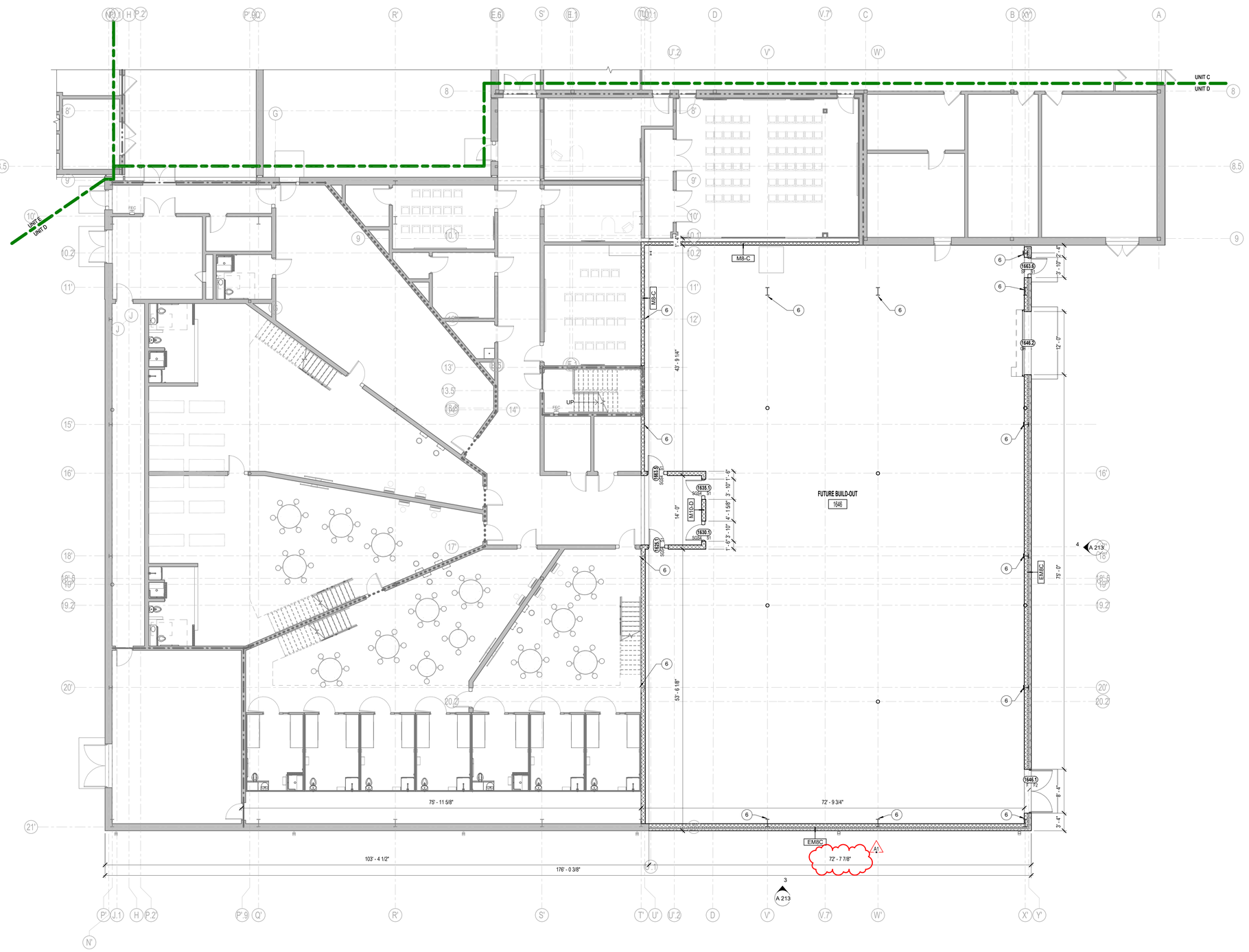


FIRST FLOOR PLAN
ALTERNATE "A"

AF ALT A1



2A 01 - FIRST FLOOR PLAN - ALTERNATE "D"
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

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45	KNOCK OUT MASONRY PANEL, CONSTRUCTION TO MATCH ADJACENT WALL CONSTRUCTION. TO LIMITS INDICATED TO 7'-4" AFF. PROVIDE MASONRY LINTELS PER STRUCTURAL LINTEL SCHEDULE.
46	EXTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED
47	INTERIOR WALL TO WALL 2" EXPANSION JOINT COVER. PROVIDE 12 GA SECURITY TYPE COVERS IN DETENTION SPACES
48	EXTERIOR WALL TO WALL 4" EXPANSION JOINT COVER. PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED
49	INTERIOR WALL TO WALL 4" EXPANSION JOINT COVER.
50	6-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10
51	4-PERSON GAMETOP TABLE REFER TO SPEC SECTION 11 19 10

RQAW
ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

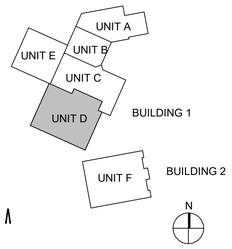
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

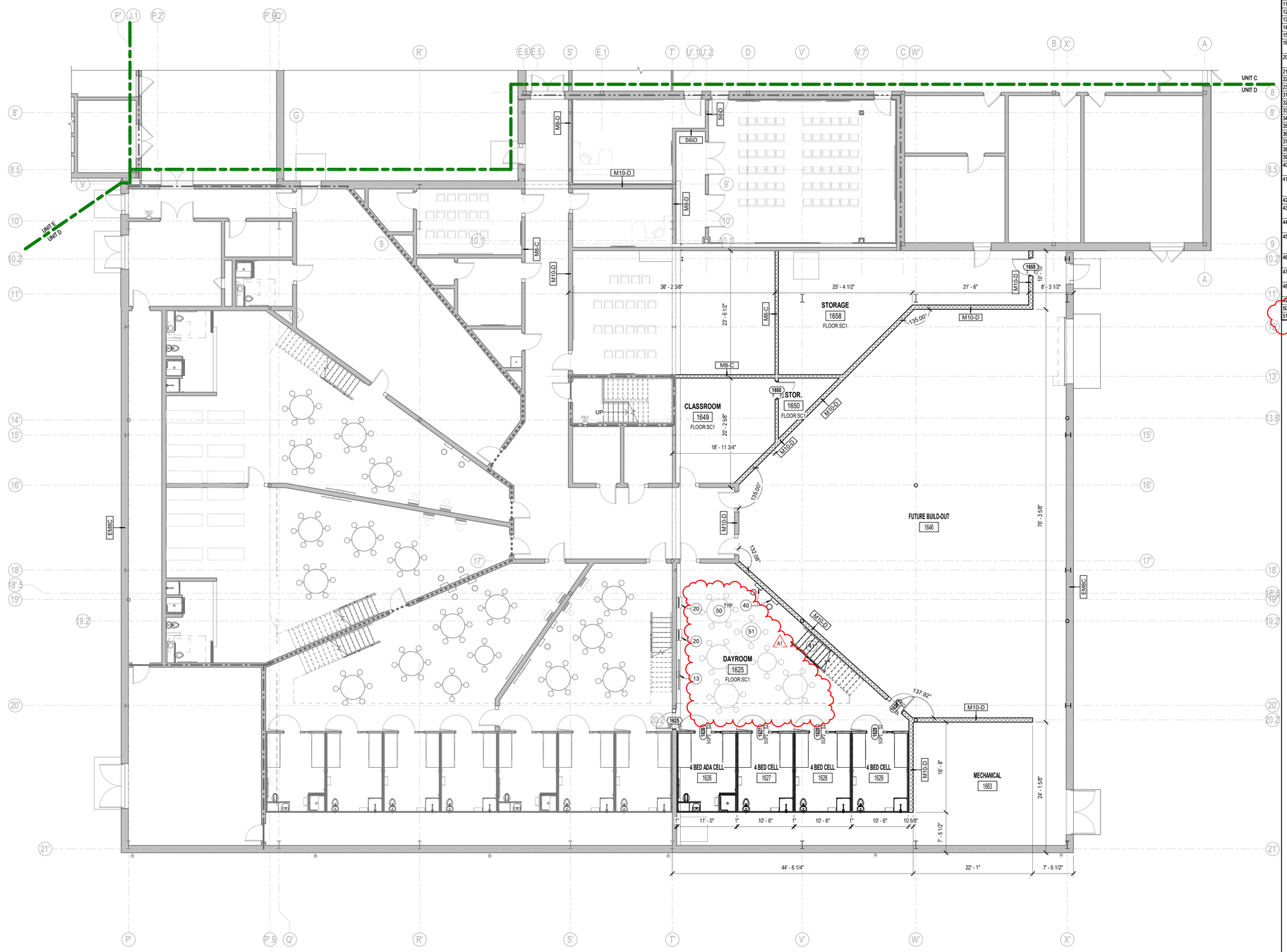
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: JW
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



FIRST FLOOR PLAN
ALTERNATE "D"

AF ALT D-1



2A FIRST FLOOR PLAN ALTERNATE "D1"
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
1	FLOOR DRAIN, SEE PLUMBING DRAWINGS. SLOPE ALL NEW FLOOR TO DRAIN AT 1/16" PER 12"
2	ALIGN NEW WALL CONSTRUCTION WITH EXISTING. COORDINATE WITH ALL TRADES.
3	MOP BASIN, SEE PLUMBING DRAWINGS. PROVIDE A 48" TALL STAINLESS STEAL BACKSPLASH 24" PAST BASIN EDGE.
4	MANUFACTURED SIX COMPARTMENT GUN LOCKER
5	INFILL EXISTING OPENING WITH NEW WALL ASSEMBLY TO MATCH EXISTING. TOOTH IN NEW CMU INTO EXISTING.
6	EXPOSED STRUCTURAL STEEL TO BE PRIMED AND PAINTED
7	LINE OF OVERHEAD SKYLIGHT, SEE CEILING AND ROOF PLANS FOR SCOPE
8	HALF HEIGHT WALL, PROVIDE DOUBLE BULLNOSE CORNER UNIT ON TOP
9	CONCRETE BENCH SEE DETAIL1C/A 500
10	BUILT IN CASEWORK AND COUNTERTOP. SEE INTERIOR DRAWINGS FOR SCOPE AND MATERIAL
11	BOOK IN COUNTER BUILT-IN SEE A-401 FOR DETAILS
12	HALF HEIGHT WALL @ 40" A.F.F. WALL TYPE M8-C
13	FLAT SCREEN TV MOUNTING BRACKET @ 6'-0" A.F.F.
14	OWNER PROVIDED MARKER BOARD
15	FLOOR DRAIN. REFERENCE PLUMBING DRAWINGS
16	MANUFACTURED FULLY WELDED SECURITY BUNK SYSTEM - DOUBLE BUNK. BASIS OF DESIGN NORIX MODEL BS10-022 OR EQUAL
20	OWNER PROVIDED SECURITY-TYPE WALL-MOUNTED PHONE KIOSK. COORDINATE POWER/DATA LOCATIONS W/ OWNER.
21	WOVEN WIRE SECURITY SCREEN AND FRAME. PREFINISHED AS SELECTED BY ARCHITECT
22	6" STEEL BOLLARD, CONCRETE FILLED. TO BE PRIMED AND PAINTED SAFETY YELLOW
23	OVERHEAD COILING DOOR OPERATOR AND MOTOR
31	OWNER PROVIDED STACKABLE WASHER & DRYER UNIT.
32	OWNER PROVIDED VENDING MACHINES.
33	NEW 2-HIGH BUNK STACK. REFER TO SPEC. 11 19 10
34	NEW 15"W x 18"D x 6'-0"H LOCKER
35	NEW 36"W x 12"D x 6'-0"H (3) WIDE LOCKERS
36	EXISTING 24"W x 24"D x 6'-0"H LOCKER
37	EXISTING 2-HIGH BUNK STACK
38	MANUFACTURED METAL 6 COMPARTMENT GUN LOCKER SURFACE MOUNTED
39	TRENCH DRAIN. SEE PLUMBING DRAWINGS
40	DETENTION VIDEO VISITATION STATION, CONTRACTOR TO PROVIDE ROUGH-INS. EQUIPMENT BY OWNER
41	ENGINEERED MANUFACTURED METAL OPEN GRATE SECURITY GRADE STAIR. OPEN RISER. STRINGERS TO BE PRIMED AND PAINTED. TREADS TO BE GALVANIZED. ALL CUT "SHARP" EDGES TO BE REMOVED OR PROVIDE AN ANGLE TO COVER CUT EDGES, TYPICAL.
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A1

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2375 OLD DECKER RD. VINCENNES, IN 47591

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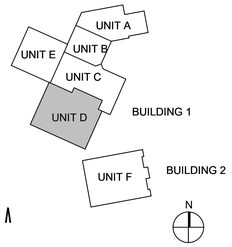

FIRST FLOOR PLAN ALTERNATE "D1"

AF ALT D1-1

2A FIRST FLOOR ALTERNATE "D2"
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
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ERIC S. WEFLEN
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No. AR11500136
STATE OF
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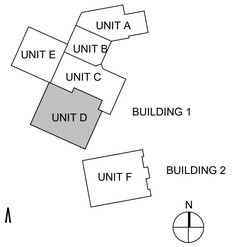

FIRST FLOOR ALTERNATE "D2"

AF ALT D2-1

2A FIRST FLOOR ALTERNATE "D3"
1/8" = 1'-0"

5.4.110 - FLOOR PLAN NOTES

Key	Note
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A1

RQAW ARCHITECTURE

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KNOX COUNTY BOARD OF COMMISSIONERS

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2375 OLD DECKER RD. VINCENNES, IN 47591

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1	Addendum #1	02.14.2022

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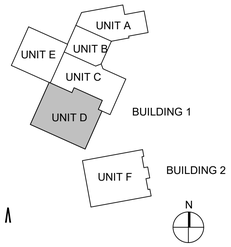
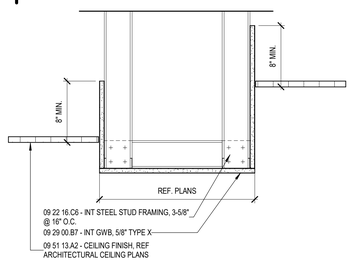
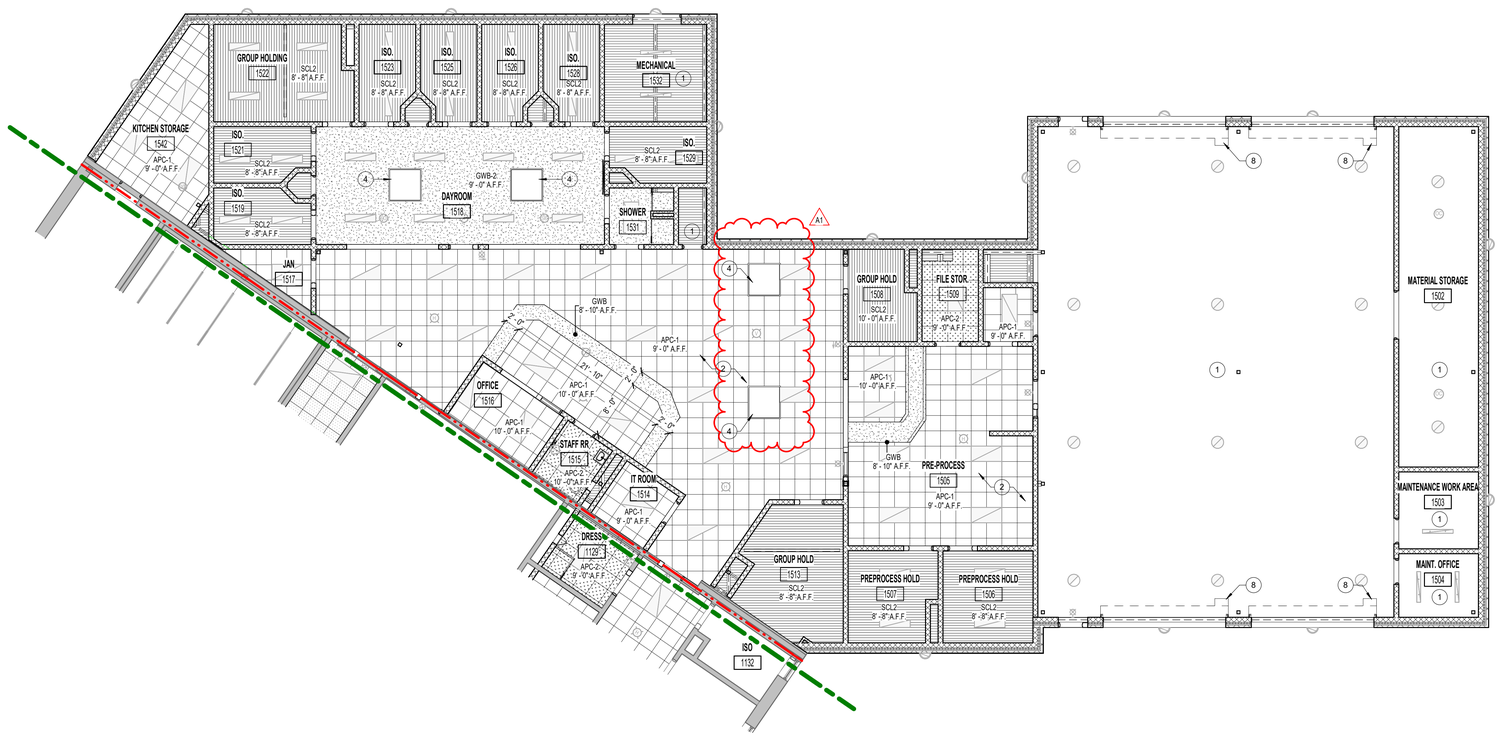


FIRST FLOOR ALTERNATE "D3"

AF ALT D3-1



2 TYPICAL BULKHEAD DETAIL1
1 1/2" = 1'-0"



2C FIRST FLOOR CEILING PLAN- UNIT A
1/8" = 1'-0"

REFL. CEILING PLAN NOTES

1. All grids are centered in rooms, unless noted otherwise.
2. Coordinate bulkhead sizes w/ mechanical ductwork.
3. Refer to MEP drawings for ceiling fixtures/equipment and coordinate w/ all trades.
4. All exposed ductwork, piping etc. shall be painted. Color selected by Architect.
5. Locate sprinkler heads in center of ceiling panel - where applicable.
6. All ceilings are at 9'-0" AFF, unless noted otherwise.
7. All bulkheads are at 8'-10" AFF, unless noted otherwise.
8. All new ceiling system shall be APC-1 unless noted otherwise.
9. All room that have moisture to have moisture resistant drywall.
10. All detention area acoustical ceilings shall have retention clips unless noted otherwise.

A1

5.4.120 - CEILING PLAN NOTES

Key	Note
1	OPEN TO STRUCTURE
2	RETENTION CLIPS, 2 PER EACH CEILING TILE.
3	EXISTING CEILING TO REMAIN
4	SKYLIGHT WITH SECURITY BARS, DUCTED SHAFT (INTERIOR TO BE PAINTED). POLYCARBONATE LENS AT CEILING LEVEL. SEE ROOF PLAN FOR SKYLIGHT SIZE. FINAL SKYLIGHT LOCATION TO ADJUST AS REQUIRED TO COORDINATE WITH STRUCTURAL AND MEP SYSTEMS
6	18 IN CEILING MOUNTED DOMED MIRROR
7	PROVIDE A 5-1/4" SLAB ON TOP OF CELLULAR METAL DECK TO ACHIEVE 1-HR RATED LID ASSEMBLY.
8	OVERHEAD COILING DOOR ASSEMBLY WITH ELECTRICALLY MOTORIZED OPERATOR.
9	CEILING MOUNTED 42" MONITORS. FINAL INSTALLATION TO BE COORDINATED WITH CONTROL STATION INSTALLATION.

REFLECTED CEILING PLAN LEGEND

APC-1	2' X 2' Acoustical Panel Ceiling (09 51 13)	Light Fixture (Reference E-Series Dwgs) / Emergency Light Fixture (Reference E-Series Dwgs)	
APC-2	2' X 2' Washable Acoustical Panel Ceiling (09 51 13)	Return Air (Reference M-Series Dwgs)	
APC-3	2' x 2' High Humidity Ceiling Panel with Aluminum Grid	Supply Air (Reference M-Series Dwgs)	
APC-4	2' x 2' Special NRC (0.7 min.) Ceiling Panel with Aluminum Grid	Exit Light (Reference E-Series Dwgs)	
SCL1	2' X 2' Security metal lay-in with hold down clips	Recessed Light Fixture Suspended Fixture in Areas with Exposed Ceilings (Reference E-Series Dwgs)	
SCL2	Cellular Metal Deck, see Structural	SOUND SYSTEM SPEAKER (REFERENCE E-SERIES/T-SERIES DWGS)	S
SCL3	Concrete Slab on Cellular Metal Deck, total depth of 5-1/4" Cap to achieve 1-HR rating, see Structural	Walls to Deck	
GWB	Gypsum Wall Board, 5/8" on 3 5/8" Metal Stud (09 29 00)	PLASTER	Plaster on metal wire mesh lathe on 3-5/8" metal stud
GWB-2	5/8" High-Impact drywall on metal wire mesh lathe on 3-5/8" metal stud	MTL	1/4" Steel Plate on engineered framing

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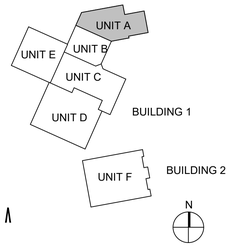

FIRST FLOOR CEILING PLAN UNIT A

AC 1A1

2C FIRST FLOOR CEILING PLAN- UNIT B
1/8" = 1'-0"

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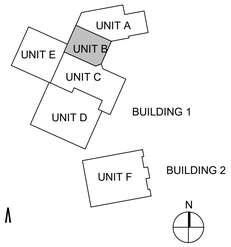
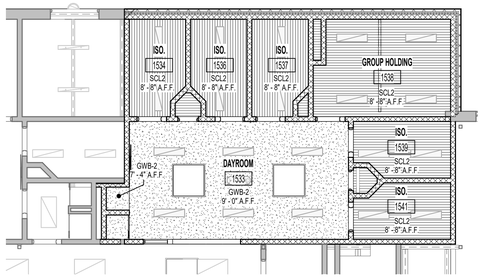
ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT

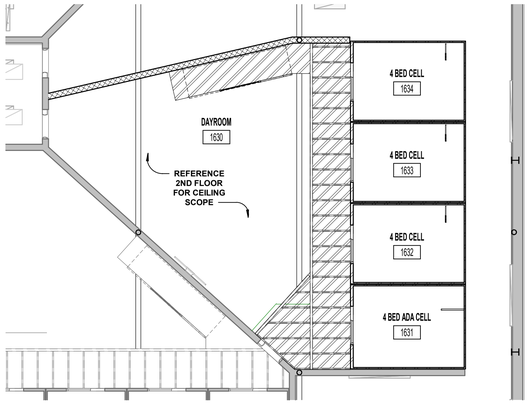


FIRST FLOOR CEILING PLAN UNIT B

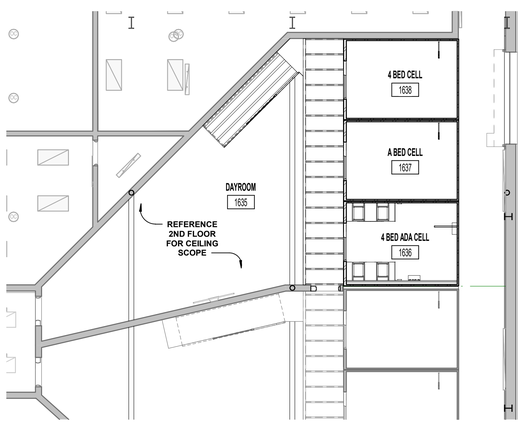
AC 1B1



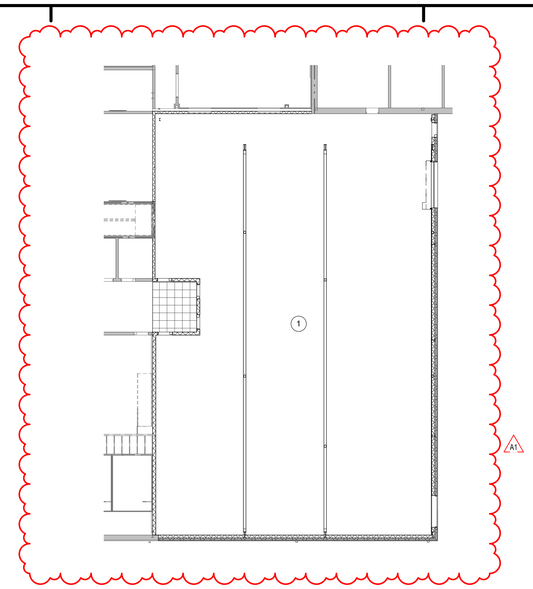
5E FIRST FLOOR REFLECTED CEILING PLAN BUILDING 1 - UNIT A ALTERNATE "A"
1/8" = 1'-0"



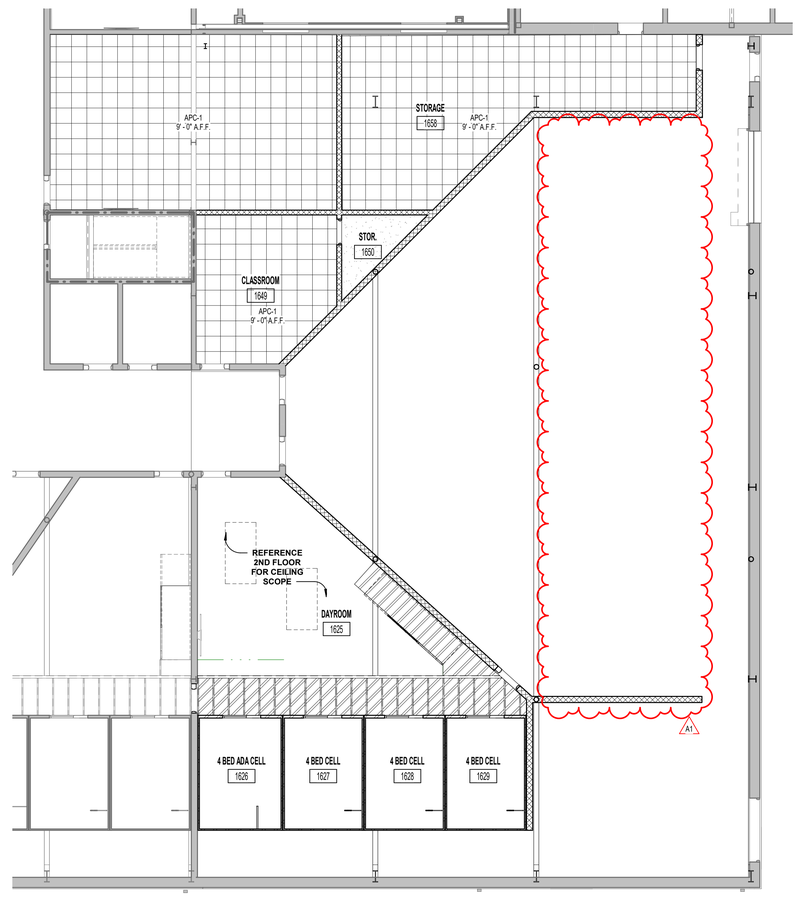
5C FIRST FLOOR REFLECTED CEILING PLAN BUILDING 1 - UNIT D ALTERNATE "D2"
1/8" = 1'-0"



5A FIRST FLOOR REFLECTED CEILING PLAN BUILDING 1 - UNIT D ALTERNATE "D3"
1/8" = 1'-0"



2D FIRST FLOOR REFLECTED CEILING PLAN BUILDING 1 - UNIT D ALTERNATE "D"
1/16" = 1'-0"



2A FIRST FLOOR REFLECTED CEILING PLAN BUILDING 1 - UNIT D ALTERNATE "D1"
1/8" = 1'-0"

5.4.120 - CEILING PLAN NOTES

Key	Note
1	OPEN TO STRUCTURE
2	RETENTION CLIPS, 2 PER EACH CEILING TILE.
3	EXISTING CEILING TO REMAIN
4	SKYLIGHT WITH SECURITY BARS, DUCTED SHAFT (INTERIOR TO BE PAINTED), POLYCARBONATE LENS AT CEILING LEVEL. SEE ROOF PLAN FOR SKYLIGHT SIZE, FINAL SKYLIGHT LOCATION TO ADJUST AS REQUIRED TO COORDINATE WITH STRUCTURAL AND M/E/P SYSTEMS
6	18 IN CEILING MOUNTED DOMED MIRROR.
7	PROVIDE A 5-1/4" SLAB ON TOP OF CELLULAR METAL DECK TO ACHIEVE 1-HR RATED LID ASSEMBLY.
8	OVERHEAD COILING DOOR ASSEMBLY WITH ELECTRICALLY MOTORIZED OPERATOR.
9	CEILING MOUNTED 42" MONITORS. FINAL INSTALLATION TO BE COORDINATED WITH CONTROL STATION INSTALLATION.

RQAW
ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

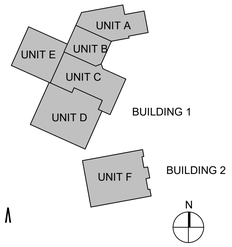
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: CP
Checked By: CP
Date: 02.14.2022

ERIC S. WEFLEN
REGISTERED
No. AR11500136
STATE OF
INDIANA
ARCHITECT



ALTERNATE FIRST FLOOR CEILING PLAN

AC ALT A-D3

5.4.120 - CEILING PLAN NOTES

Key	Note
1	OPEN TO STRUCTURE
2	RETENTION CLIPS, 2 PER EACH CEILING TILE.
3	EXISTING CEILING TO REMAIN
4	SKYLIGHT WITH SECURITY BARS, DUCTED SHAFT (INTERIOR TO BE PAINTED), POLYCARBONATE LENS AT CEILING LEVEL. SEE ROOF PLAN FOR SKYLIGHT SIZE, FINAL SKYLIGHT LOCATION TO ADJUST AS REQUIRED TO COORDINATE WITH STRUCTURAL AND M/E/P SYSTEMS
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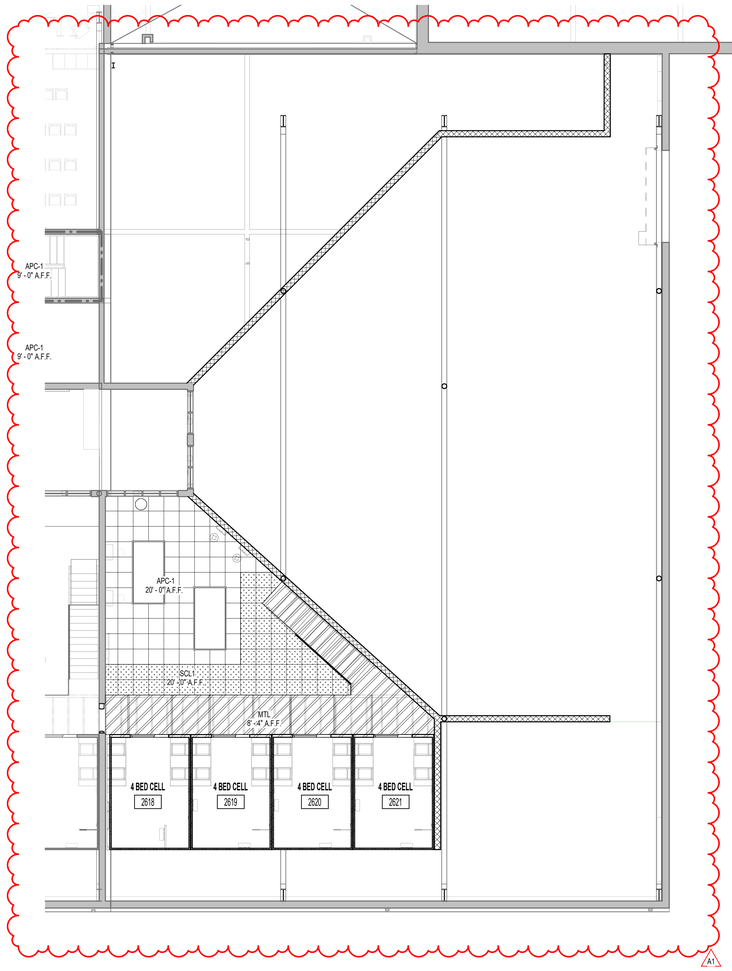
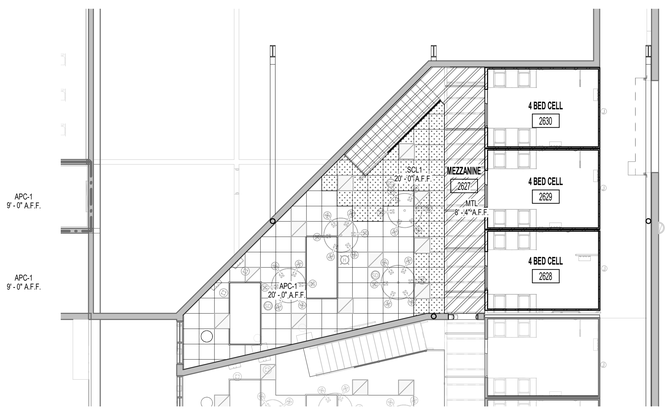
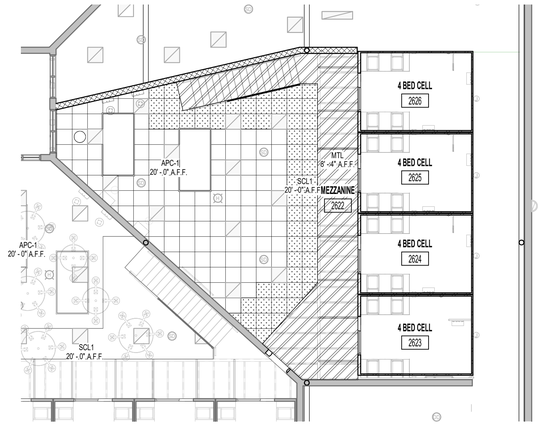


2C SECOND FLOOR REFLECTED CEILING PLAN - UNIT D ALTERNATE "D1"
1/8" = 1'-0"



5A SECOND FLOOR REFLECTED CEILING PLAN - UNIT D ALTERNATE "D3"
1/8" = 1'-0"



2A SECOND FLOOR REFLECTED CEILING PLAN - UNIT D ALTERNATE "D2"
1/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

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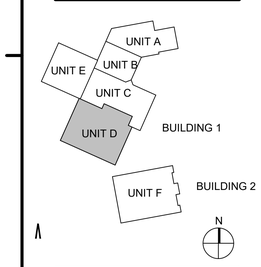
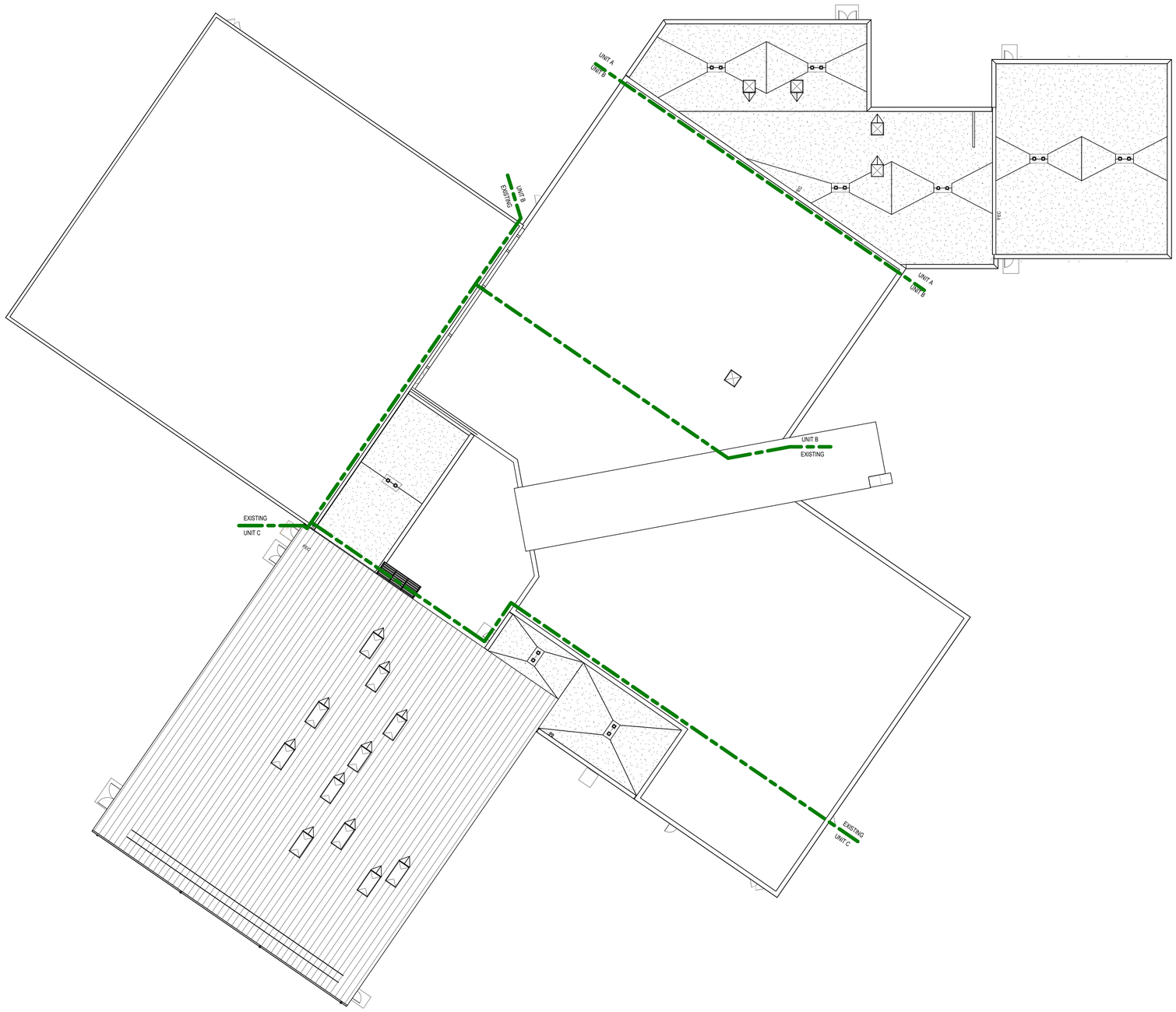


ALTERNATE SECOND FLOOR CEILING PLAN

AC ALT D1-D3



2E **ARCHITECTURAL OVERALL ROOF PLAN**
1/16" = 1'-0"

GENERAL ROOF PLAN NOTES

1. Roof to be installed to achieve positive drainage with a minimum resultant slope of 1/4" per foor, unless indicated otherwise. Provide "crickets or saddles" at all roof curbs to allow for positive drainage
2. Low slope roof areas shall have a minimum of 4" rigid insulation over roof deck. Saddles, crickets, and slope portions of flat roof deck shall be formed by tapered insulation. Areas where tapered insulation is anticipated have been indicated, but shall not be considered all inclusive. It is Contractor's responsibility to provide sloped surfaces to achieve proper drainage.
3. Roof penetrations and equipment shown shall not be considered all inclusive. Coordinate with Mechanical, Plumbing and Electrical Documents to confirm penetrations and equipment locations. Flash all roof penetrations in accordance with roofing manufacturer's recommendations. Provide crickets to allow for proper drainage around units.
4. Roof walkway pads or blocks shall be installed in accordance with roofing manufacturer's recommendation where indicated and shall follow perimeter of rooftop equipment.

A1

5.4.140 - ROOF PLAN NOTES

Key	Note
1	MANUFACTURED METAL COPING FINISH AS SELECTED BY ARCHITECT A1
2	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 4'-0" X 4'-0"
3	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
4	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 6'-0" X 4'-0"
5	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER A1
6	ENGINEERED MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
7	ICE AND SNOW GUARDS BY ROOF MANUFACTURER, TWO ROWS
8	PREENGINEERED CUSTOM CANOPY FINISH AS SELECTED BY ARCHITECT
9	ENGINEERED METAL CANOPY LOUVER SUN SHADES
10	MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
11	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 4"
12	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 2"
13	MANUFACTURED METAL GUTTER 6"
14	MANUFACTURED METAL DOWNSPOUT 6"x5" TO SPLASH BLOCK ON LOWER ROOF
16	CONCRETE BENCH SEE DETAIL ####

RQAW
ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

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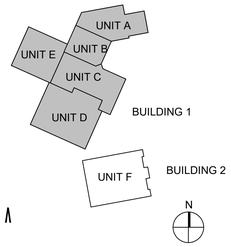
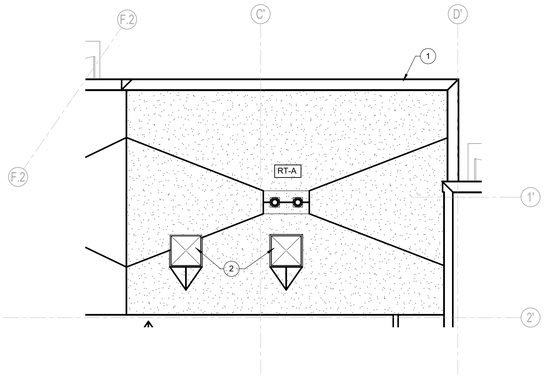
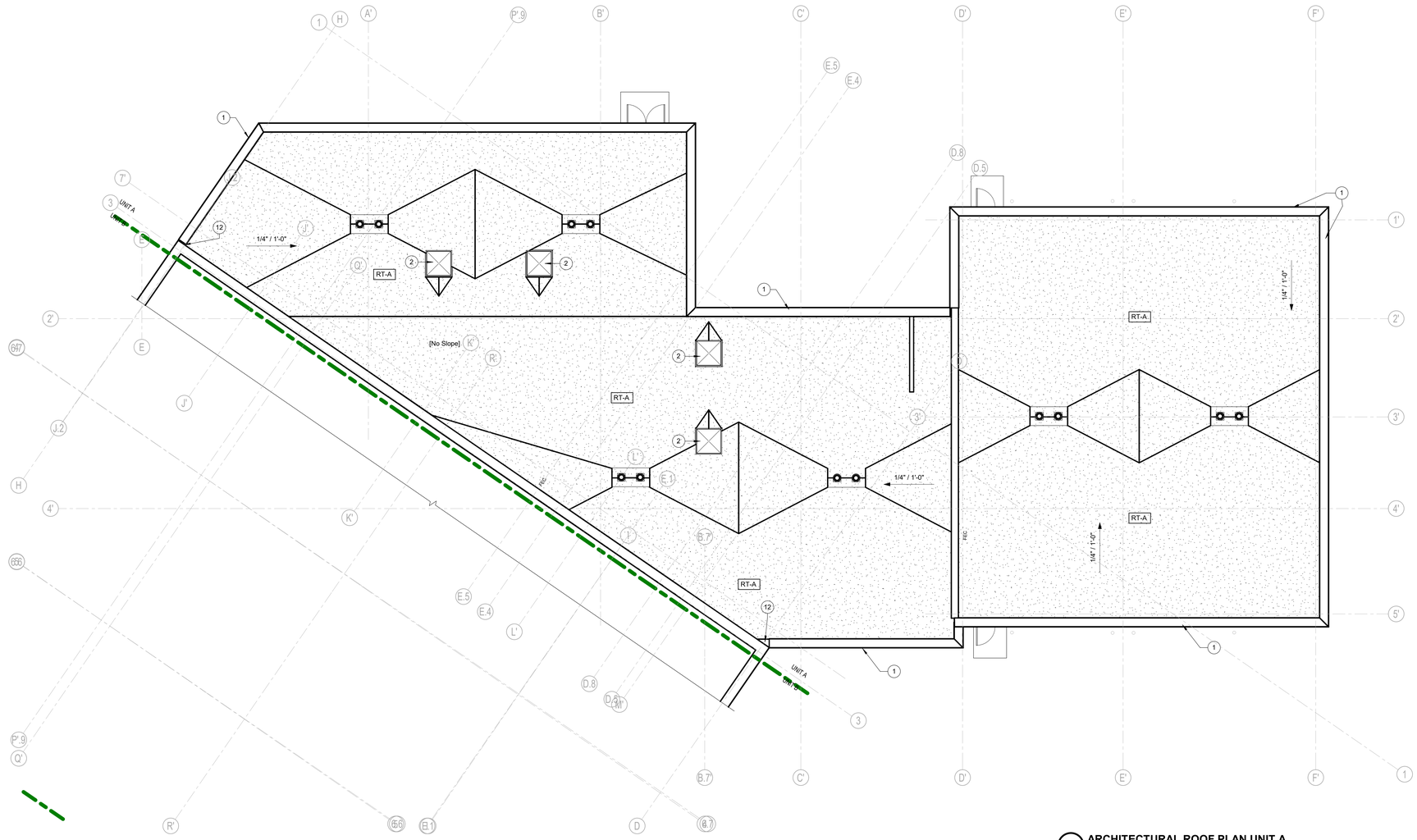


ARCHITECTURAL ROOF PLAN

AR 100



1 ARCHITECTURAL ROOF PLAN UNIT A - ALTERNATE
1/8" = 1'-0"



2C ARCHITECTURAL ROOF PLAN UNIT A
1/8" = 1'-0"

GENERAL ROOF PLAN NOTES

1. Roof to be installed to achieve positive drainage with a minimum resultant slope of 1/4" per foor, unless indicated otherwise. Provide "crickets or saddles" at all roof curbs to allow for positive drainage
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11	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 4"
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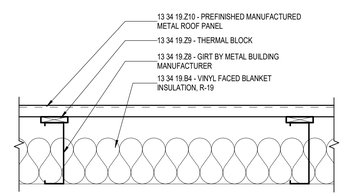
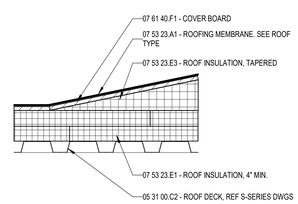
14	MANUFACTURED METAL DOWNSPOUT 6"x5" TO SPLASH BLOCK ON LOWER ROOF
16	CONCRETE BENCH SEE DETAIL ####



1B ROOF TYPE - RT-C
1 1/2" = 1'-0"



NOTE: PROVIDE 2 LAYERS OF 2" BOARD WITH STAGGERED JOINTS, TYPICAL

1A ROOF TYPE - RT-A
1 1/2" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
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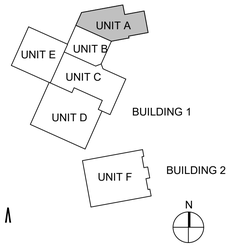
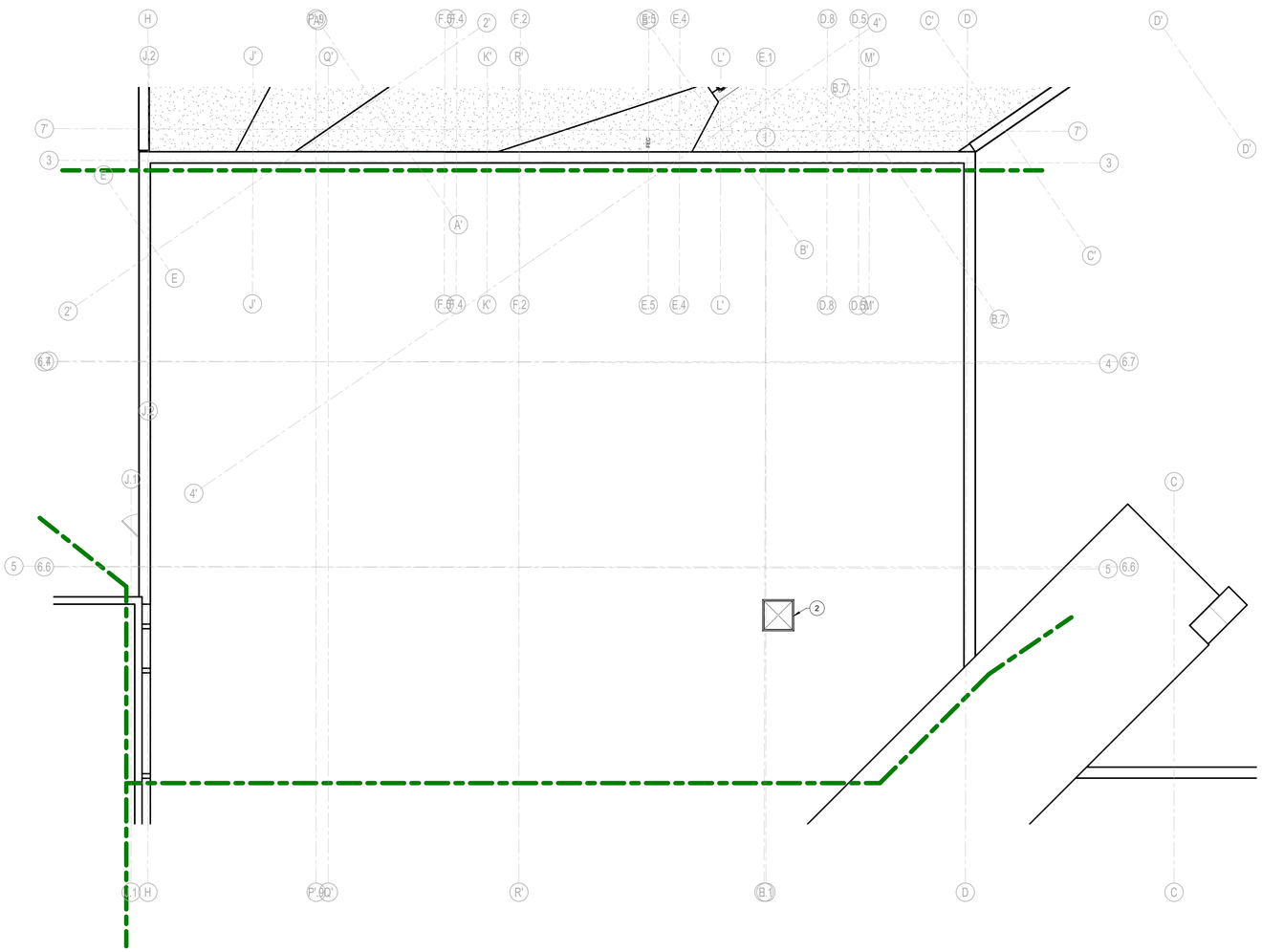


ARCHITECTURAL ROOF PLAN UNIT A

AR 1A1



2B ARCHITECTURAL ROOF PLAN UNIT B
1/8" = 1'-0"

GENERAL ROOF PLAN NOTES

1. Roof to be installed to achieve positive drainage with a minimum resultant slope of 1/4" per foor, unless indicated otherwise. Provide "crickets or saddles" at all roof curbs to allow for positive drainage
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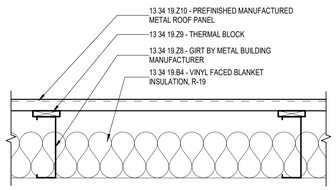
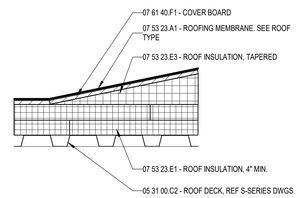
A1

5.4.140 - ROOF PLAN NOTES

Key	Note
1	MANUFACTURED METAL COPING, FINISH AS SELECTED BY ARCHITECT A1
2	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 4'-0" X 4'-0"
3	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
4	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 8'-0" X 4'-0"
5	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER A1
6	ENGINEERED, MANUFACTURED METAL CANOPY, MAPES STYLE OR EQUAL
7	ICE AND SNOW GUARDS BY ROOF MANUFACTURER, TWO ROWS
8	PRENGINEERED CUSTOM CANOPY FINISH AS SELECTED BY ARCHITECT
9	ENGINEERED METAL CANOPY LOUVER SUN SHADES
10	MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
11	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 4"
12	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 2"
13	MANUFACTURED METAL GUTTER 6"
14	MANUFACTURED METAL DOWNSPOUT 6"x5" TO SPLASH BLOCK ON LOWER ROOF
16	CONCRETE BENCH SEE DETAIL ####



1B ROOF TYPE - RT-C
1 1/2" = 1'-0"



NOTE: PROVIDE 2 LAYERS OF 2" BOARD WITH STAGGERED JOINTS, TYPICAL

1A ROOF TYPE - RT-A
1 1/2" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

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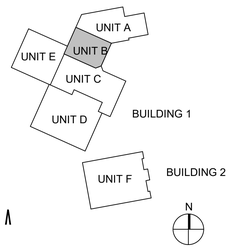
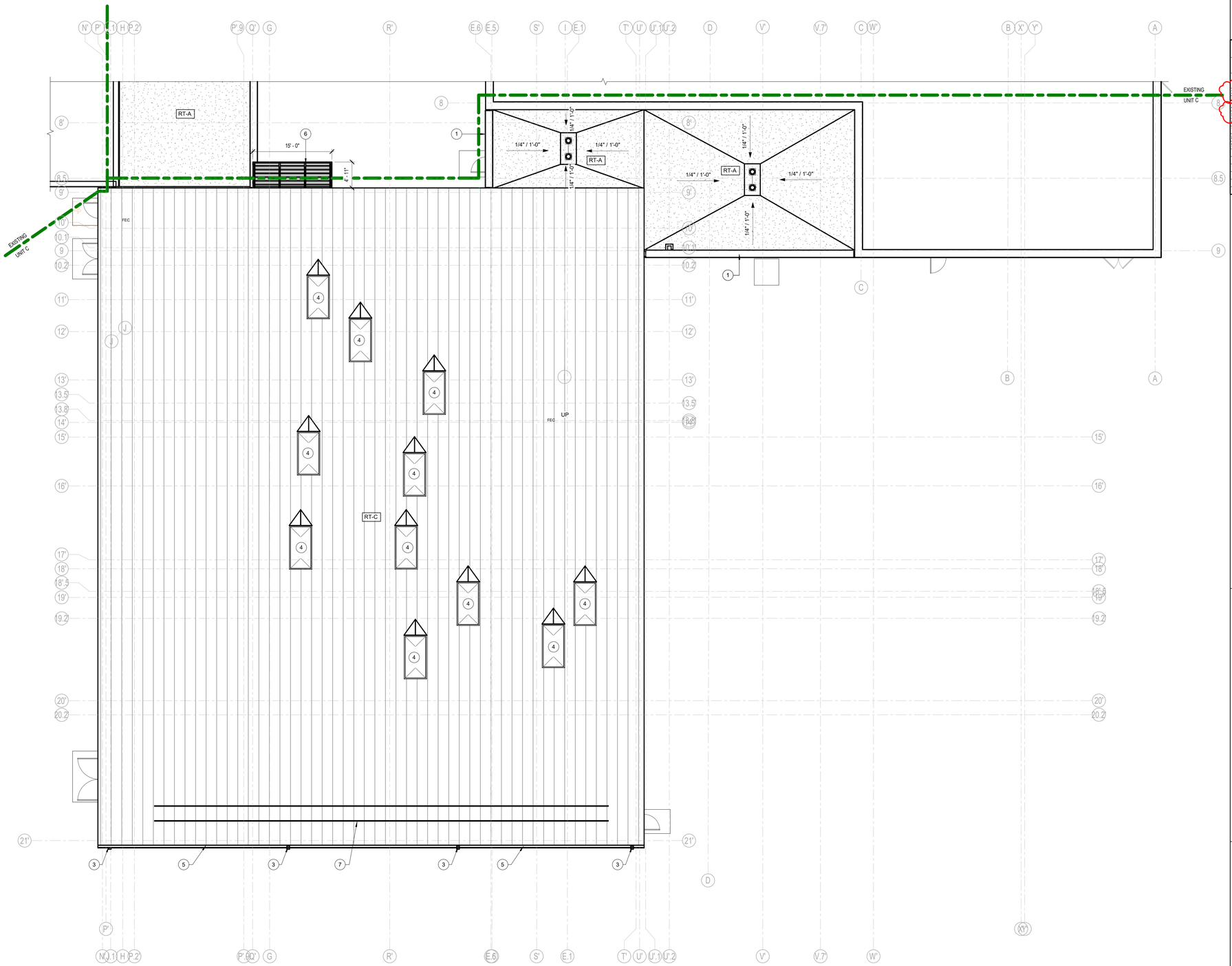


ARCHITECTURAL ROOF PLAN UNIT B

AR 1B1



2D ARCHITECTURAL ROOF PLAN UNIT D
1/8" = 1'-0"

GENERAL ROOF PLAN NOTES

1. Roof to be installed to achieve positive drainage with a minimum resultant slope of 1/4" per foor, unless indicated otherwise. Provide "crickets or saddles" at all roof curbs to allow for positive drainage
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5.4.140 - ROOF PLAN NOTES

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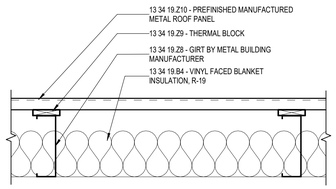
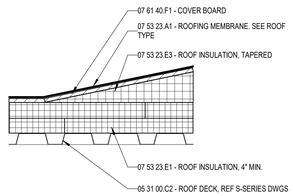


1B ROOF TYPE - RT-C
1 1/2" = 1'-0"



NOTE: PROVIDE 2 LAYERS OF 2" BOARD WITH STAGGERED JOINTS, TYPICAL

1A ROOF TYPE - RT-A
1 1/2" = 1'-0"

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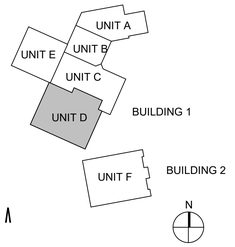
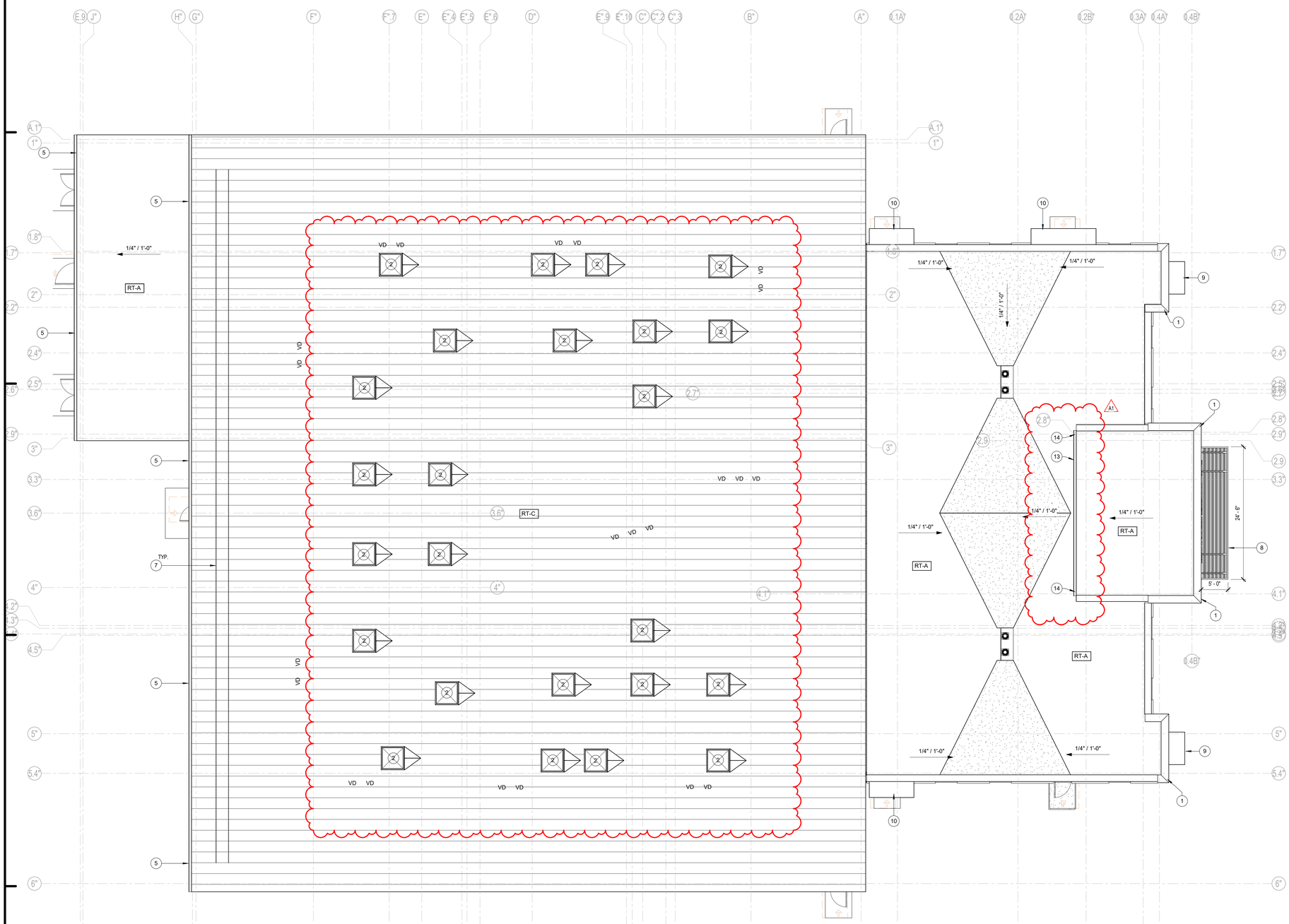
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



ARCHITECTURAL ROOF PLAN UNIT D

AR 1D1



2B ARCHITECTURAL ROOF PLAN UNIT F
1/8" = 1'-0"

GENERAL ROOF PLAN NOTES

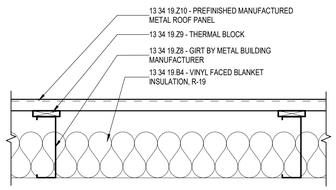
1. Roof to be installed to achieve positive drainage with a minimum resultant slope of 1/4" per foor, unless indicated otherwise. Provide "crickets or saddles" at all roof curbs to allow for positive drainage
2. Low slope roof areas shall have a minimum of 4" rigid insulation over roof deck. Saddles, crickets, and slope portions of flat roof deck shall be formed by tapered insulation. Areas where tapered insulation is anticipated have been indicated, but shall not be considered all inclusive. It is Contractor's responsibility to provide sloped surfaces to achieve proper drainage.
3. Roof penetrations and equipment shown shall not be considered all inclusive. Coordinate with Mechanical, Plumbing and Electrical Documents to confirm penetrations and equipment locations. Flash all roof penetrations in accordance with roofing manufacturer's recommendations. Provide crickets to allow for proper drainage around units.
4. Roof walkway pads or blocks shall be installed in accordance with roofing manufacturer's recommendation where indicated and within perimeter of rooftop equipment.

A1

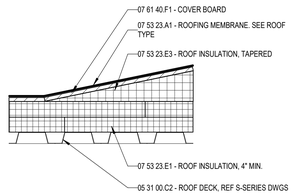
5.4.140 - ROOF PLAN NOTES

Key	Note
1	MANUFACTURED METAL COPING, FINISH AS SELECTED BY ARCHITECT
2	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 4'-0" X 4'-0"
3	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
4	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 8'-0" X 4'-0"
5	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
6	ENGINEERED MANUFACTURED METAL CANOPY, MAPES STYLE OR EQUAL
7	ICE AND SNOW GUARDS BY ROOF MANUFACTURER, TWO ROWS
8	PRENGINEERED CUSTOM CANOPY FINISH AS SELECTED BY ARCHITECT
9	ENGINEERED METAL CANOPY LOUVER SUN SHADES
10	MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
11	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 4"
12	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 8"
13	MANUFACTURED METAL GUTTER 6"
14	MANUFACTURED METAL DOWNSPOUT 6"x5" TO SPLASH BLOCK ON LOWER ROOF
16	CONCRETE BENCH SEE DETAIL ###

A1



1B ROOF TYPE - RT-C
1 1/2" = 1'-0"



NOTE: PROVIDE 2 LAYERS OF 2" BOARD WITH STAGGERED JOINTS, TYPICAL

1A ROOF TYPE - RT-A
1 1/2" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

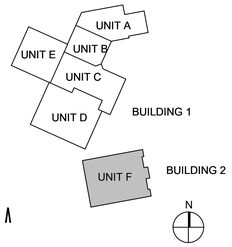
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

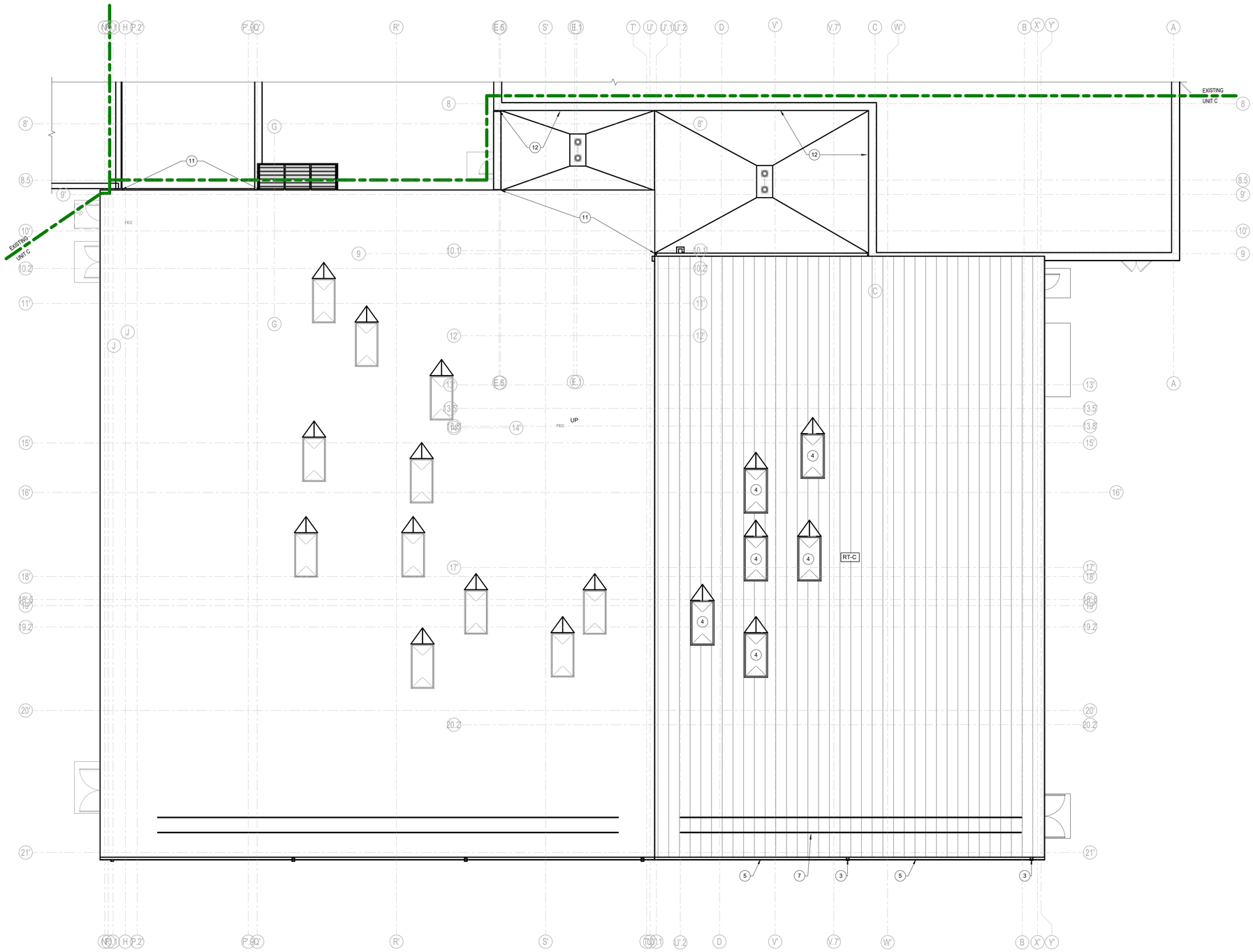
Project #: 20-700-151-2
Designed By: LD
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



ARCHITECTURAL ROOF PLAN UNIT F

AR 2F1



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A1

5.4.140 - ROOF PLAN NOTES

Key	Note
1	MANUFACTURED METAL COPING FINISH AS SELECTED BY ARCHITECT A1
2	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 4'-0" X 4'-0"
3	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
4	08 62 00 - MANUFACTURED PLASTIC UNIT SKYLIGHT - 8'-0" X 4'-0"
5	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER A1
6	ENGINEERED MANUFACTURED METAL CANOPY, MAPES STYLE OR EQUAL
7	ICE AND SNOW GUARDS BY ROOF MANUFACTURER, TWO ROWS
8	PRENGINEERED CUSTOM CANOPY FINISH AS SELECTED BY ARCHITECT
9	ENGINEERED METAL CANOPY LOUVER SUN SHADES
10	MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
11	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 4"
12	MANUFACTURED ROOF TO WALL EXPANSION JOINT, 2"
13	MANUFACTURED METAL GUTTER 6"
14	MANUFACTURED METAL DOWNSPOUT 6"x5" TO SPLASH BLOCK ON LOWER ROOF
16	CONCRETE BENCH SEE DETAIL ####

RQAW ARCHITECTURE

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2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: Designer
Drawn By: Author
Checked By: Checker
Date: 02.14.2022

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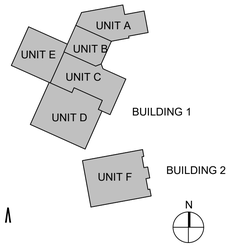
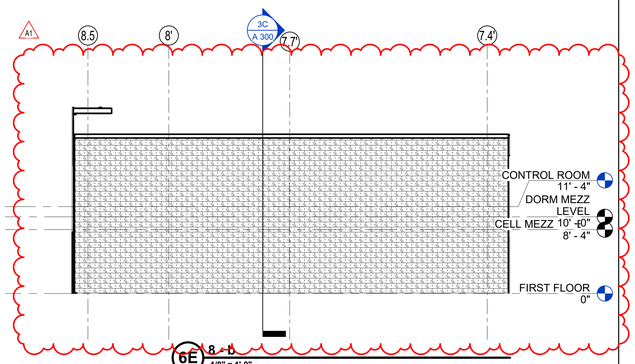
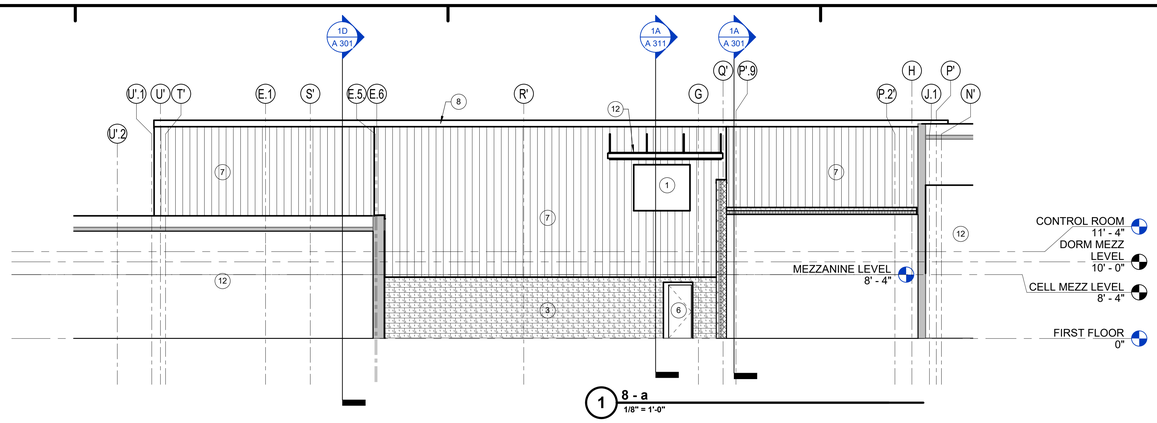


ALTERNATE ARCHITECTURAL ROOF PLAN D

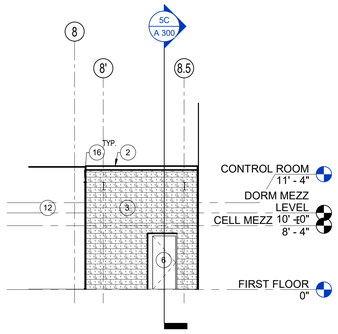
AR ALT D



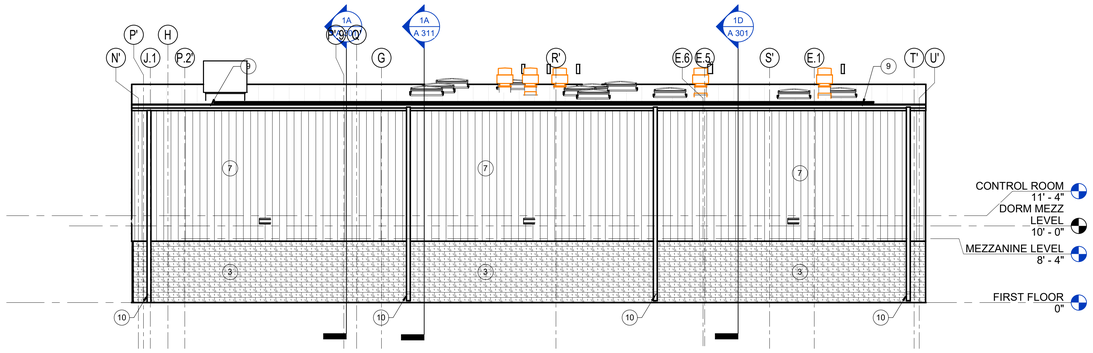
6E 8 - b
1/8" = 1'-0"



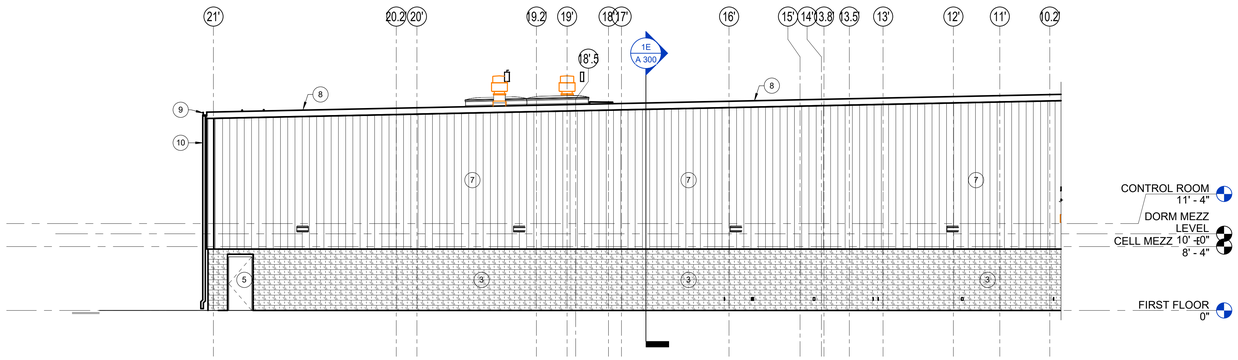
1 8 - a
1/8" = 1'-0"



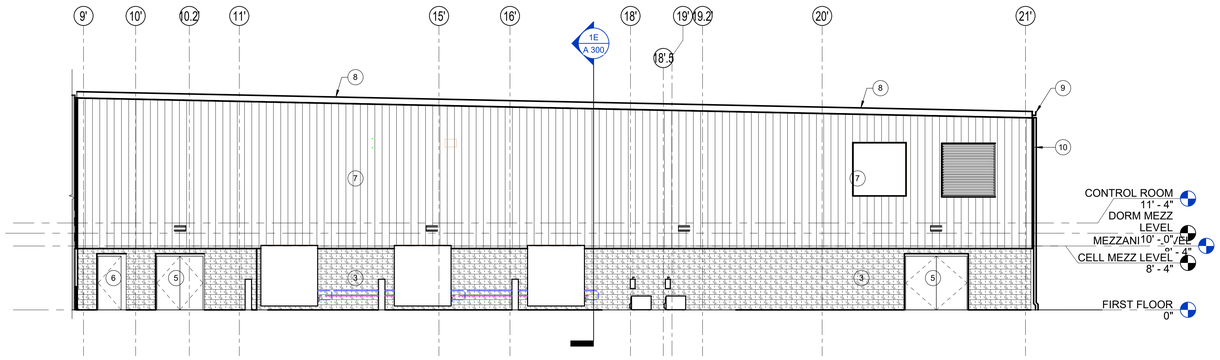
6D 8 - d
1/8" = 1'-0"



2E SOUTH ELEVATION UNIT D
1/8" = 1'-0"



2C UNIT D - EAST
1/8" = 1'-0"



2A UNIT D - WEST
1/8" = 1'-0"

5.4.200 - ELEVATION NOTES

Key	Note
1	OVERHEAD COILING DOOR, FINISH AS SELECTED BY ARCHITECT
2	07 71 00 - MANUFACTURED METAL COPING
3	04 20 00 - SPLIT FACE CMU, FINISH AS SELECTED BY ARCHITECT. PROVIDE CONTROL JOINT AT 2'-8" OF EACH CORNER AND 20'-0" O.C.
4	SMOOTH FACE CMU VENEER INTEGRAL COLOR
5	08 11 13 - HOLLOW METAL DOOR AND FRAME, SEE DOOR SCHEDULE
6	SECURITY HOLLOW METAL DOOR AND FRAME, SEE DOOR SCHEDULE
7	13 34 49 - PREENGINEERED METAL BUILDING, PREFINISHED METAL PANEL, FINISH TYPE - A
8	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL ROOF EDGE RAKE DETAIL
9	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL GUTTER
10	13 34 49 - PREENGINEERED METAL BUILDING TYPICAL DOWNSPOUT
11	08 41 13 - PREFINISHED ALUMINUM STOREFRONT SYSTEM
12	EXISTING BUILDING TO REMAIN, PROTECT DURING CONSTRUCTION. ANY DAMAGED CAUSED DURING CONSTRUCTION IS TO BE REPAIRED AT CONTRACTORS EXPENSE
13	MANUFACTURED METAL CANOPY MAPES STYLE OR EQUAL
14	ENGINEERED METAL CANOPY LOUVER SUN SHADES
15	MANUACTURED DIMENSIONAL CAST ALUMINUM LETTERS
16	WALL TO WALL EXTERIOR EXPANSION JOINT COVER, PROVIDE AIR/WEATHER BARRIER AND STUFF CAVITY WITH BATT INSULATION RATED

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: JW
Checked By: LD/EV
Date: 02.14.2022

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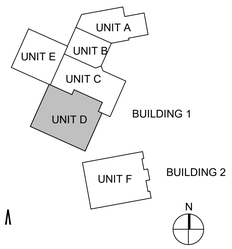


BUILDING ELEVATIONS

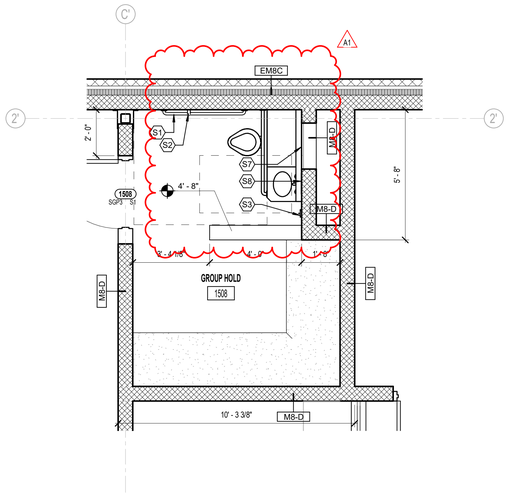
A 211

5.4.401 - RESTROOM ACCESSORY SCHEDULE

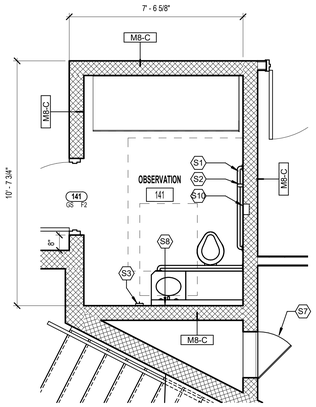
Type Mark	Keynote	Description	Mounting	Furnished By	Installed By
A1	10 28 00	GRAB BAR - 18" VERTICAL	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A2	10 28 00	GRAB BAR - 36" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A3	10 28 00	GRAB BAR - 42" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
A4	10 28 00	MIRROR - 24" X 36"	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A5	10 28 00	TOILET TISSUE DISPENSER - DOUBLE	BOTTOM @ 1'-6 AFF	CONTRACTOR	CONTRACTOR
A6	10 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	CONTRACTOR	CONTRACTOR
A7	10 28 00	SOAP DISPENSER	BOTTOM @ 4" ABOVE FIXTURE	CONTRACTOR	CONTRACTOR
A8	10 28 00	SANITARY NAPKIN DISPOSAL - SURFACE	TOP @ 30" AFF	CONTRACTOR	CONTRACTOR
A9	08 31 13	ACCESS DOOR - 16" X 16"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
A10	10 28 00	HAND DRYER - SLIM	BOTTOM @ 42" AFF	CONTRACTOR	CONTRACTOR
A11	10 21 13	TOILET PARTITION	BOTTOM @ 12" AFF	CONTRACTOR	CONTRACTOR
S1	11 19 10	SECURITY GRAB BAR - 42" HORIZONTAL, LIGATURE PROOF	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
S2	11 19 10	ADA SECURIT GRAB BAR - 18" VERTICAL, LIGATURE PROOF	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
S3	11 19 10	SECURITY ROBE HOOKS WITH SUICIDE PREVENTION, LIGATURE PROOF	CENTER @ 4'-6" AFF	CONTRACTOR	CONTRACTOR
S4	11 19 10	SECURITY SHOWER CURTAIN ROD	MOUNTED TO SOFFIT OF SHOWER UNIT	CONTRACTOR	CONTRACTOR
S5	11 19 10	ADA LOOSE FURNITURE SHOWER SEAT, BY OWNER	TOP @ 1'-6" AFF	OWNER	OWNER
S6	11 19 10	ADA SECURITY SHOWER GRAB BAR - 40" HORIZONTAL	TOP @ 2'-11" AFF	CONTRACTOR	CONTRACTOR
S7	11 19 10	SECURITY ACCESS DOOR - 24" X 32"	BOTTOM @ 40" AFF	CONTRACTOR	CONTRACTOR
S8	11 19 10	ADA DOUBLE SECURITY MIRROR, STAINLESS STEEL		CONTRACTOR	CONTRACTOR
S9	11 19 10	SECURITY MIRROR, STAINLESS STEEL		CONTRACTOR	CONTRACTOR
S10	11 19 10	SECURITY TYPE FULLY RECESSED TOILET PAPER HOLDER		CONTRACTOR	CONTRACTOR

A1

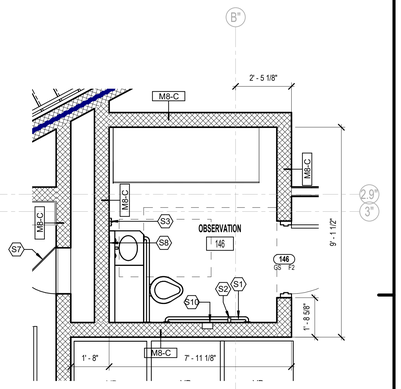
NOTE: PROVIDE 12 GAUGE STAINLESS SHROUD PANEL ABOVE ALL SECURITY SHOWERS FROM TOP OF SHOWER TO DECK AND THE ENTIRE WIDTH OF THE EXPOSED SHOWER PERIMETER TO WALL - TYP. COORDINATE WITH MECHANICAL.



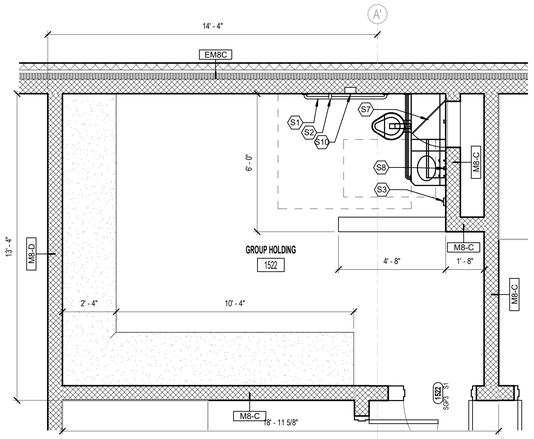
3C UNIT A - 1508 GROUP HOLDING CELL ENLARGED PLAN
3/8" = 1'-0"



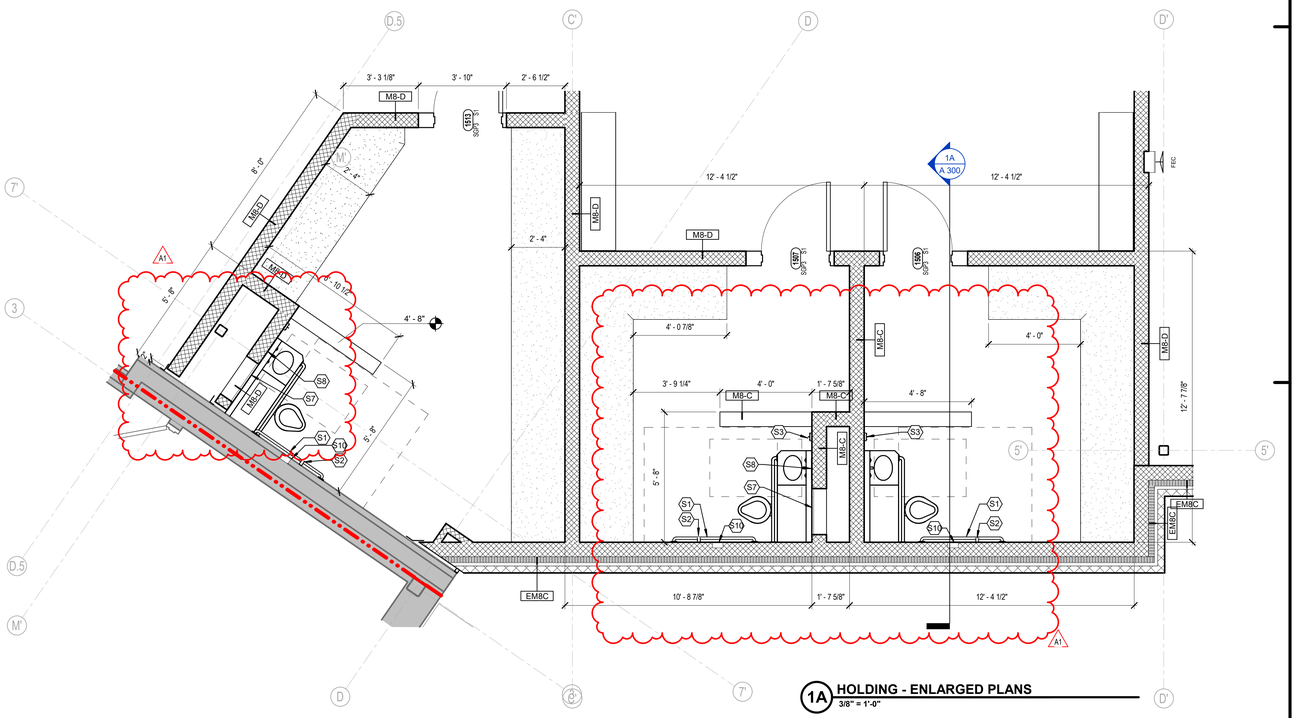
2C UNIT F - 141 OBSERVATION CELL ENLARGED PLAN
3/8" = 1'-0"



1C UNIT F - 146 OBSERVATION CELL ENLARGED PLAN
3/8" = 1'-0"



2 UNIT A - 1522 GROUP HOLDING CELL ENLARGED PLAN
3/8" = 1'-0"



1A HOLDING - ENLARGED PLANS
3/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

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2375 OLD DECKER RD. VINCENNES, IN 47591

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1	Addendum #1	02.14.2022

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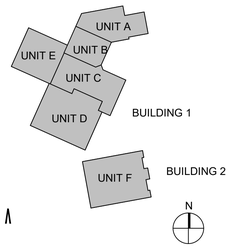


ENLARGED HOLDING CELL PLANS

A 410

Interiors General Notes

REFERENCE A-001 FOR GENERAL PLAN NOTES. ALL NOTES MAY NOT APPLY TO THIS SHEET.

GENERAL

1. FURNITURE IS NOT PROVIDED IN THIS CONTRACT, LAYOUTS AND FINAL DESIGN WILL BE DETERMINED BY THE OWNER.
2. APPLIANCES (REFRIGERATORS,VENDING MACHINES, MONEY LOADING MACHINES, ETC.) AND TV DISPLAYS ARE PROVIDED BY OWNER.
3. REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED, FOR ADDITIONAL FINISH INFORMATION.
4. PROVIDE SAMPLES OF ALL FINISHES TO ARCHITECT/DESIGNER FOR REVIEW INCLUDING INSTALLATION, JOINT AND SEAM LAY-OUTS.
5. ALTERNATES WILL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL OF ARCHITECT/DESIGNER. SAMPLES, WHEN APPLICABLE, SHALL BE SUBMITTED FOR REVIEW.
6. ALL CASEWORK TO BE LOCKABLE. PROVIDE INDIVIDUAL KEYS AND A MASTER FOR ALL LOCKS.

FLOORING

7. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSPECTING FLOOR SUBSTRATE PRIOR TO INSTALLATION OF ANY FLOOR FINISH AND IS TO PERFORM NECESSARY REPAIRS AS REQUIRED FOR FULL INSTALLATION OF FLOOR FINISHES.
8. FLOOR FINISHES ARE TO EXTEND UNDER BUILT-IN MILLWORK AND CASEWORK.
9. SEALER IS NOT TO BE USED ON CONCRETE WHERE TILE IS TO BE INSTALLED.
10. ALL FLOOR TILE TO BE THIN SET.
11. TRANSITION STRIPS TO BE INSTALLED BETWEEN ALL UNLIKE FLOORING SURFACES. COLOR TO BE SELECTED BY DESIGNER.
12. FABRIC REINFORCED FLUID APPLIED MEMBRANE TO BE APPLIED OVER ENTIRE FLOOR AND 12" UP WALL, WHERE TILE FLOORS ARE INDICATED.
13. ALL FLOORING TRANSITIONS BETWEEN TILE AND SEALED CONCRETE ARE TO HAVE A FEATHERED EDGE SKIM COAT TO INSURE THE FINISHED FLOORS ARE AT THE SAME HEIGHT AND TRANSITIONS ARE FLUSH.
14. SEE SHEET **I-500** FOR TRANSITION STRIP DETAILS FOR TRANSITIONS BETWEEN UNLIKE FLOORING SURFACES. COLOR TO BE SELECTED BY ARCHITECT/DESIGNER.

WALLS (GENERAL)

15. APPLY SEALANT AND BACKER ROD AT ALL JUNCTIONS BETWEEN DIFFERENT MATERIALS (I.E. CMU BLOCK WALL AND DRYWALL, STOREFRONT AND PRECAST).
16. APPLY SEALANT AND BACKER ROD AT ALL THROUGH WALL AND FLOOR PENETRATION JOINTS.
17. INSTALL TOOLED JOINT AT ALL LOCATIONS WHERE CMU BLOCK WALL MEETS SEALED CONCRETE FLOOR.
18. CORNER GUARDS SHOULD NOT BE APPLIED TO CMU WALLS. FIELD VERIFY ALL LOCATIONS IN PLANS.
19. APPLY SEALANT AT ALL JUNCTIONS BETWEEN WALLS AND COUNTERTOPS AND MILLWORK.
20. CAULK/SEALANT COLOR TO MATCH ADJACENT SURFACES.
21. ALL WET WALLS TO RECEIVE CEMENTIOUS BACKER BOARD, INCLUDING BUT NOT LIMITED TO TOILETS, SHOWERS, SINKS, DRINKING FOUNTAINS, ETC.
22. PROVIDE 5/8" TILE BACKER UNITS ON ALL WALLS AT WALL TILE INSTALLATIONS.
23. SEE DETAIL FOR TILE WALL TO TILE OR SEALED CONCRETE FLOOR JOINT.
24. WHERE APPLICABLE, TILE BASE TO BE USED ON WALLS THAT DO NOT HAVE WALL TILE.

WALLS (FINISHES)

25. PAINT ALL NEW WALLS **PT1** UNLESS OTHERWISE NOTED. BLOCK FILL IF NEEDED.
26. ALL WALLS RECEIVING ACCENT PAINT TO BE PAINTED FLOOR TO CEILING, AND CORNER TO CORNER.
27. ALL OFFICES, CONFERENCE ROOMS, BREAK ROOMS, TRAINING, WORK AREAS, KITCHENETTE, OPEN OFFICE, AND LOBBY TO HAVE 2 ACCENT WALLS, TO BE CHOSEN BY DESIGNER.
28. ALL EXPOSED METAL SURFACES (I.E. GRILLS, HEATERS, AND FIRE EXTINGUISHER CABINETS) TO MATCH ADJACENT SURFACE.
29. UNLESS SPECIFICALLY NOTED, USE GENERAL WALL FINISHES NOTED IN ROOM.

BULKHEADS AND CEILINGS

30. REFERENCE ARCHITECTURAL CEILING PLANS FOR CEILING HEIGHTS AND ALTERNATE BULKHEAD AND CEILING COLOR DESIGNATION.
31. PAINT ALL BULKHEADS AND BULKHEADS THAT ARE FLUSH WITH WALLS TO MATCH ADJACENT WALL, UNLESS OTHREWISE NOTED.
32. PAINT ALL EXPOSED CEILINGS **PT2,** UNLESS OTHERWISE NOTED.
33. PAINT ALL DRYWALL CEILINGS **PT2,** UNLESS OTHERWISE NOTED.

WINDOWS

34. PROVIDE MANUAL WINDOW SHADES AT ALL NOTED LOCATIONS.
35. ALL WINDOW STOOLS TO BE **SS1**. SEE FINISH LEGEND. EXISTING WINDOW STOOLS TO REMAIN.
36. PROVIDE WINDOW COVERINGS AT ALL EXTERIOR WINDOWS.

FINISHES BY ROOM SCHEDULE

ROOM NAME	ROOM #	WALL BASE	FLOOR FINISH	WALL FINISH
VESTIBULE	100A			
PUBLIC LOBBY	100B	PORC2	PORC1	PT1, WT5, WT6
WOMEN RR	101	PORC2	PORC1	WT1
MEN RR	102	PORC2	PORC1	WT1
STAFF WORK AREA	103	VB1	LVT1	
STAFF RR	104	PORC2	PORC1	WT1
STORAGE	105	VB1	LVT1	
OFFICE	106	VB1	CPT1	
BREAK ROOM	107	VB1	LVT1	PT1, WT3, WT4
OFFICE	108	VB1	CPT1	
JAN.	109		SC1	
OFFICE	110	VB1	CPT1	
OFFICE	111	VB1	CPT1	
CORRIDOR	112	VB1	LVT1	
DATA	113	VB1	LVT1	
STAFF RR	114	PORC2	PORC1	WT1
CONFERENCE	115	VB1	CPT1	
OFFICE	116	VB1	CPT1	
PROGRAMMING	117	VB1	CPT2	
OFFICE	118	VB1	CPT1	
OFFICE	119	VB1	CPT1	
BODY SCAN	120	VB1	SC1	
WAITING	121	VB1	SC1	
DRUG TEST RR	122	VB1	SC1	
RR	123		SC1	
CORRIDOR	124		SC1	
PROGRAMMING	125	VB1	CPT2	
WOMEN'S CORRIDOR	126		SC1	
EXIT CORRIDOR	127		SC1	
WOMEN'S LOCKER	128		SC1	
WAITING	129	VB1	SC1	
DRUG TEST RR	130	VB1	SC1	
MEN'S LOCKER	131		SC1	
JAN.	132		SC1	
RR	133		SC1	
MEN'S CORRIDOR	134		SC1	
EXIT CORRIDOR	135		SC1	
MED. STORAGE	136	VB1	SC1	
JANITOR	137		SC1	
MED. STORAGE	138	VB1	SC1	
COMMISSARY	139	VB1	SC1	
JANITOR	140		SC1	
OBSERVATION	141		SC1	
STORAGE	142	VB1	SC1	
MEAL PREP	144	VB1	SC1	
IT	145	VB1	SDT	
OBSERVATION	146		SC1	
COMMISSARY	147		SC1	
STAFF RR	148	PORC2	PORC1	WT1
WOMEN'S CORRIDOR	149		SC1	
MEN'S CORRIDOR	150		SC1	
CONTROL	151		LVT1, CPT2	
MECHANICAL	152		SC1	
MECHANICAL	153		SC1	
MECHANICAL	154		SC1	
ELECTRICAL	155		SC1	
ELECTRICAL	156		SC1	
SECURE VEST.	157		SC1	
SECURE VEST.	158		SC1	
DAYROOM	159		SC1	
RR/SHOWER	160		SC1	
LAUNDRY	161		SC1	
DAYROOM	162		SC1	
RR/SHOWER	163		SC1	
LAUNDRY	164		SC1	
DAYROOM	165		SC1	
RR/SHOWER	166		SC1	
LAUNDRY	167		SC1	
DAYROOM	168		SC1	
RR/SHOWER	169		SC1	
LAUNDRY	170		SC1	
DAYROOM	171		SC1	
RR/SHOWER	172		SC1	
LAUNDRY	173		SC1	
DAYROOM	174		SC1	
RR/SHOWER	175		SC1	
LAUNDRY	176		SC1	
DAYROOM	177		SC1	
RR/SHOWER	178		SC1	
LAUNDRY	179		SC1	
DAYROOM	180		SC1	
RR/SHOWER	181		SC1	
LAUNDRY	182		SC1	
SALLYPORT	183		SC1	
STORAGE	184			
MEZZANINE	200		SC1	
MEZZANINE	201		SC1	
MEZZANINE	202		SC1	
MEZZANINE	203		SC1	
MEZZANINE	204		SC1	
MEZZANINE	205		SC1	
MEZZANINE	206		SC1	
MEZZANINE	207		SC1	
WAITING	1110		SC1	
VID COURT 1/OFFICE	1111		SC1	
PADDED	1112		PD	
RR	1113		SC1	
PADDED	1114		PD	
PADDED	1115		PD	
RR	1117		SC1	
VID COURT 2	1118		SC1	
NURSE OFFICE	1120	VB1	LVT1	
RR	1121		SC1	
PADDED	1122		PD	
DRESS	1123		SC1	
STAFF RR	1124	PORC2	PORC1	
PROPERTY STORAGE	1125		SC1	
NURSE STORAGE	1126	VB1	LVT1	

FINISHES BY ROOM SCHEDULE

ROOM NAME	ROOM #	WALL BASE	FLOOR FINISH	WALL FINISH
STOR.	1127	VB1	LVT1	
EXAM	1128A		SC1	
EXAM	1128B		SC1	
DRESS	1129		SC1	
SECURED CORRIDOR	1130		SC1	
ISO	1132		SC1	
ISO	1133		SC1	
ISO	1134		SC1	
ISO	1135		SC1	
ISO	1136		SC1	
ISO	1137		SC1	
ISO	1138		SC1	
PADDED	1139A		PD	
RR	1139B		SC1	
ELECT.	1245	VB1	SC1	
ELECT.	1246	VB1	SC1	
ELECT.	1247	VB1	SC1	
MECH.	1248		SC1	
SECURE CORR.	1307		SC1	
KITCHEN	1309		EXISTING	
COOLER	1310		SC1	
FREEZER	1311		SC1	
DRY STORAGE	1312		SC1	
RR	1313		SC1	
SALLY PORT	1314		SC1	
OFFICE	1315	VB1	LVT1	
CART STOR.	1316		EXISTING	
CHEM. STR.	1318		SC1	
SALLYPORT	1501		SC1	
MATERIAL STORAGE	1502		SC1	
MAINTENANCE WORK AREA	1503		SC1	
MAINT. OFFICE	1504		SC1	
PRE-PROCESS	1505		SC1	
PREPROCESS HOLD	1506		SC1	
PREPROCESS HOLD	1507		SC1	
GROUP HOLD	1508		SC1	
FILE STOR.	1509		SC1	
BREATH	1510		SC1	
BOOK IN CENTER	1511		SC1	
BOOK IN COUNTER	1512	VB1	CPT1, LVT1	
GROUP HOLD	1513		SC1	
IT ROOM	1514	VB1	SDT	
STAFF RR	1515	VB1	SC1	
OFFICE	1516	VB1	LVT1	
JAN	1517		SC1	
DAYROOM	1518		SC1	
ISO.	1519		SC1	
ISO.	1521		SC1	
GROUP HOLDING	1522		SC1	
ISO.	1523		SC1	
ISO.	1525		SC1	
ISO.	1526		SC1	
ISO.	1528		SC1	
ISO	1529		SC1	
SHOWER	1531		SC1	
STORAGE	1531A		SC1	
MECHANICAL	1532		SC1	
WASH AREA	1534			
KITCHEN STORAGE	1542	VB1	SC1	
DETENTION CORRIDOR	1601		SC1	
OUTDOOR RECREATION	1602		SC1	
PROGRAMMING	1603		SC1	
STOR.	1604	VB1	SC1	
VIDEO COURT	1605		SC1	
STOR.	1606	VB1	SC1	
JAN.	1607	VB1	SC1	
INDOOR/OUTDOOR REC	1608		SC1	
RR	1609		SC1	
SALLYPORT	1610		SC1	
STOR.	1611	VB1	SC1	
MECHANICAL	1612		SC1	
DAYROOM	1614		SC1	
RESTROOM	1614A		SC1	
DAYROOM	1615		SC1	
RESTROOM	1615A		SC1	
DAYROOM	1616		SC1	
4 BED ADA CELL	1617		SC1	
4 BED CELL	1618		SC1	
4 BED CELL	1619		SC1	
4 BED CELL	1620		SC1	
DAYROOM	1621		SC1	
4 BED CELL	1622		SC1	
4 BED CELL	1623		SC1	
4 BED CELL	1624		SC1	
ATRNY/CLIENT	1639		SC1	
ATRNY/CLIENT	1640		SC1	
CLASSROOM	1641		SC1	
OFFICE	1642	VB1	CPT1	
OFFICE	1643	VB1	CPT3	
TRAINING ROOM	1644	VB1	CPT4	
STORAGE	1644A	VB1	CPT4	
STORAGE	1645	VB1	SC1	
MECHANICAL	1659		SC1	
MECH.	1660		SC1	
MECHANICAL	1661		SC1	
MECH.	1662		SC1	
CORRIDOR	2601	VB1	SC1	
CONTROL	2602	VB1	CPT4, LVT1	PT#
IT	2603	VB1	SDT	
RR	2604	VB1	SC1	PT#
STORAGE	2605	VB1	SC1	
DORM MEZZANINE	2606		SC1	
RESTROOM	2606A		SC1	
DORM MEZZANINE	2607		SC1	
RESTROOM	2607A		SC1	
MEZZ	2608		SC1	
4 BED CELL	2609		SC1	
4 BED CELL	2610		SC1	
4 BED CELL	2611		SC1	
4 BED CELL	2612		SC1	
MEZZ	2613		SC1	
4 BED CELL	2614		SC1	
4 BED CELL	2615		SC1	
4 BED CELL	2616		SC1	
STAIRS	ST01	VB1	SC1	PT#

FINISH LEGEND

CARPET (CPT)

CPT1
MANUFACTURER: ARMSTRONG
COLLECTION: STAGLAG SVIRA
COLOR: DOVE RAIN
SIZE: 50cm X 50cm
INSTALLATION: MONOLITHIC
LOCATIONS: BOOK IN COUNTER 1512, OFFICE 1654, DIRECTOR'S OFFICE 110, OFFICE 108, OFFICE 116, OFFICE 118, OFFICE 119, OFFICE 111, CONFERENCE 115
NOTE: UNIT A, UNIT D, AND UNIT F

CPT2
MANUFACTURER: ARMSTRONG
COLLECTION: ABSOLUTE
COLOR: WETLAND
SIZE: 50cm X 50cm
INSTALLATION: QUARTER TURN
LOCATIONS: PROGRAMMING 125, PROGRAMMING 117, CONTROL 151
NOTE: UNIT F

CPT3
MANUFACTURER: MATCH EXISTING
SIZE: 24" X 24"
INSTALLATION: QUARTER TURN
LOCATIONS: OFFICE 1655
NOTE: UNIT D

CPT4
MANUFACTURER: ARMSTRONG
COLLECTION: STAGLAG SVIRA
COLOR: STARDUST
SIZE: 50cm X 50cm
INSTALLATION: QUARTER TURN
LOCATIONS: TRAINING ROOM 1657, CONTROL ROOM 2601
NOTE: UNIT D

A1

LUXURY VINYL TILE (LVT)

LVT1
MANUFACTURER: ARMSTRONG FLOORING
COLLECTION: NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
STYLE: AVILA OAK
COLOR: PERUVIAN COCOA
SIZE: 6x36 PLANK
INSTALLATION: PER MANUFACTURER INSTRUCTION
LOCATIONS: STAFF WORK AREA 103, BREAK ROOM 107, CORRIDOR 112, WAITING 121, DRUG TEST RR 122, WAITING 129, DRUG TEST RR 130, MEAL PREP 144
NOTE: UNIT F

VINYL BASE (VB)

VB1
MANUFACTURER: ARMSTRONG FLOORING
COLOR: SMOKEY GRAY R485G
SIZE: COVED ROLL 4"
LOCATION: ALL LVT1 LOCATIONS, BOOK IN COUNTER 1512, STORAGE 1604, STORAGE 1606, JANITOR 1607, STORAGE 1611, AND STAIRS ST01
NOTE: UNIT A, UNIT D, UNIT F

SEALED CONCRETE (SC)

SC1 NOTE: SEE ARCHITECTURAL DRAWINGS

FLOOR TILE (PORC)

PORC1
MANUFACTURER: DALTILE
COLLECTION: ASTRONOMY
COLOR: SOLSTICE ATT2
FINISH: MATTE
INSTALLATION: ASHLAR
SIZE: 12x24
LOCATION: LOBBY 100, WOMEN RR 101, MEN RR 102, STAFF RR 104, STAFF RR 114, STAFF RR 148
NOTE: UNIT F

PORC2
MFR: DALTILE
COLLECTION: ASTRONOMY
COLOR: SOLSTICE ATT2
FINISH: MATTE
INSTALLATION: WALL BASE
SIZE: P-36CBTB
LOCATION: ALL PORC1 LOCATIONS
NOTE: UNIT F

WALL TILE (WT)

WT1
MANUFACTURER: DALTILE
COLLECTION: MYTHOLOGY
COLOR: AURA MY95
FINISH: GLOSSY
INSTALLATION: ASHLAR, 1/16" GROUT JOINT
GROUT: TEC POWERGROUT DELOREAN GRAY 934
SIZE: 4x12 UNDULATED
LOCATION: STAFF RR 104, STAFF RR 114, STAFF RR 148
NOTE: UNIT F

WT2
MANUFACTURER: DALTILE
COLLECTION: MYTHOLOGY
COLOR: AURA MY95
FINISH: GLOSSY
INSTALLATION: ALL WT1 LOCATIONS. SEE ELEVATIONS
GROUT: TEC POWERGROUT DELOREAN GRAY 934
SIZE: 12" JOLLY S-1212J
LOCATION: STAFF RR 104, STAFF RR 114, STAFF RR 148
NOTE: UNIT F

WT3
MANUFACTURER: DALTILE
COLLECTION: MYTHOLOGY
COLOR: HARMONIA MY92
FINISH: GLOSSY
INSTALLATION: DOT-MOUNTED MOSAIC, 1/8" GROUT JOINT
GROUT: TEC POWERGROUT BRIGHT WHITE 910
SIZE: PICKET MOSAIC - UNDULATED
LOCATION: BREAKROOM 107
NOTE: UNIT F

WT4
MANUFACTURER: DALTILE
COLLECTION: MYTHOLOGY
COLOR: HARMONIA MY92
FINISH: GLOSSY
INSTALLATION: ALL WT3 LOCATIONS. SEE ELEVATIONS
GROUT: TEC POWERGROUT BRIGHT WHITE 910
SIZE: 12" JOLLY S-1212J
LOCATION: BREAKROOM 107
NOTE: UNIT F

WT5
MANUFACTURER: DALTILE
COLLECTION: MYTHOLOGY
COLOR: CHRONOS MY93
FINISH: GLOSSY
INSTALLATION: MONOLITHIC, 1/16" GROUT JOINT
GROUT: TEC POWERGROUT DELOREAN GRAY 934
SIZE: 4x12 WAVE CREST
LOCATION: LOBBY 100. SEE ELEVATION IN203-3E. A1
NOTE: UNIT F

FINISH LEGEND

PAINT (PT)

PT1
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: MISTY - SW6232
FINISH: SATIN
LOCATION: ALL OVER
NOTE: UNIT A, UNIT B, UNIT D, AND UNIT F

PT2
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: CEILING BRIGHT WHITE - SW7007
FINISH: SATIN
LOCATION: ALL CEILINGS
NOTE: UNIT A, UNIT B, UNIT D, AND UNIT F

PT3
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: GRAYS HARBOR - SW6236
FINISH: SATIN ON WALLS
LOCATION: ACCENT IN OFFICE # ; TRAINING ROOM 1657
NOTE: UNIT D

PT4
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: DRIZZLE - SW6479
FINISH: SATIN ON WALLS AND MATTE ON ALL EXPOSED METAL SURFACES
LOCATION: ACCENT IN COMMUNITY CORRECTIONS ADMINSTRATION OFFICES AND RAILINGS, STAIRS, TRIM, AND DOOR FRAMES IN FEMALE COMMUNITY CORRECTIONS DAYROOMS
NOTE: UNIT F

PT5
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: EDAMAME - SW7729
FINISH: SATIN ON WALLS AND MATTE ON ALL EXPOSED METAL SURFACES
LOCATION: ACCENT IN COMMUNITY CORRECTIONS ADMINSTRATION OFFICES AND RAILINGS, STAIRS, TRIM, AND DOOR FRAMES IN MALE COMMUNITY CORRECTIONS DAYROOMS
NOTE: UNIT F

PT6
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: LOYAL BLUE - SW6510
FINISH: MATTE ON ALL EXPOSED METAL SURFACES
LOCATION: RAILINGS, STAIRS, TRIM, DOORS AND DOOR FRAMES IN JAIL POD DAYROOMS
NOTE: UNIT D

PT7
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: COCONUT HUSK - SW6111
FINISH: SATIN
LOCATION: ADMINISTRATION OFFICE 1655
NOTE: UNIT D

PT8
MANUFACTURER: SHERWIN-WILLIAMS
COLOR: BEACH HOUSE - SW7518
FINISH: SATIN
LOCATION: ADMINISTRATION OFFICE 1655
NOTE: UNIT D

CASEWORK (PS)

PS1
MANUFACTURER: ARISTOKRAFT
COLOR: STONE GRAY
FINISH: PURESTYLE
DOOR STYLE: ELLIS
LOCATION: ALL CASEWORK IN STAFF RR, NURSES STATION 1120
NOTE: UNIT A, UNIT B, UNIT C, UNIT D, AND UNIT F

PS2
MANUFACTURER: ARISTOKRAFT
COLOR: ADMIRAL
FINISH: PURESTYLE
DOOR STYLE: ELLIS
LOCATION: CASEWORK IN EXAM ROOMS, BREAKROOM 107, STAFF WORK AREA 103
NOTE: UNIT B AND UNIT F

SOLID SURFACE (SS)

SS1
MANUFACTURER: CORIAN
COLOR: ARROWROOT
LOCATION: ALL CASEWORK
NOTE: UNIT A, UNIT B, UNIT C, UNIT D, AND UNIT F

MARKER BOARDS

M1
MANUFACTURER: CLARIDGE
COLLECTION: GLASS
COLOR: BRILLIANT WHITE

STATIC DISSIPATIVE TILE (SDT)

SDT1
MANUFACTURER: ARMSTRONG
COLLECTION: EXCELON SDT
COLOR: COAL (51959)
SIZE: 12" x 12" x 1/8"
INSTALLATION: FULL SPREAD PER MANUFACTURER INSTRUCTIONS
LOCATIONS: IT 1514 AND DATA 113
NOTE: UNIT A AND UNIT F

DETENTION GRADE MIRROR

DGM1
MANUFACTURER: NORIX
COLLECTION: IRONMAN WALL MOUNT MIRRORS
MODEL # AND SIZE: R565-411, 11" x 17" x 1/4"
INSTALLATION: MANUFACTURER INSTRUCTIONS
LOCATIONS: RR/SHOWER 151, RR/SHOWER 153, RR/SHOWER 156, RR/SHOWER 159, RR/SHOWER 163, RR/SHOWER 165, RR/SHOWER 171
NOTE: UNIT F

A1

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

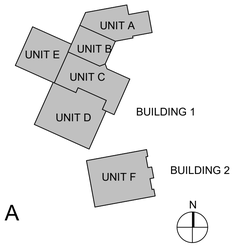
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

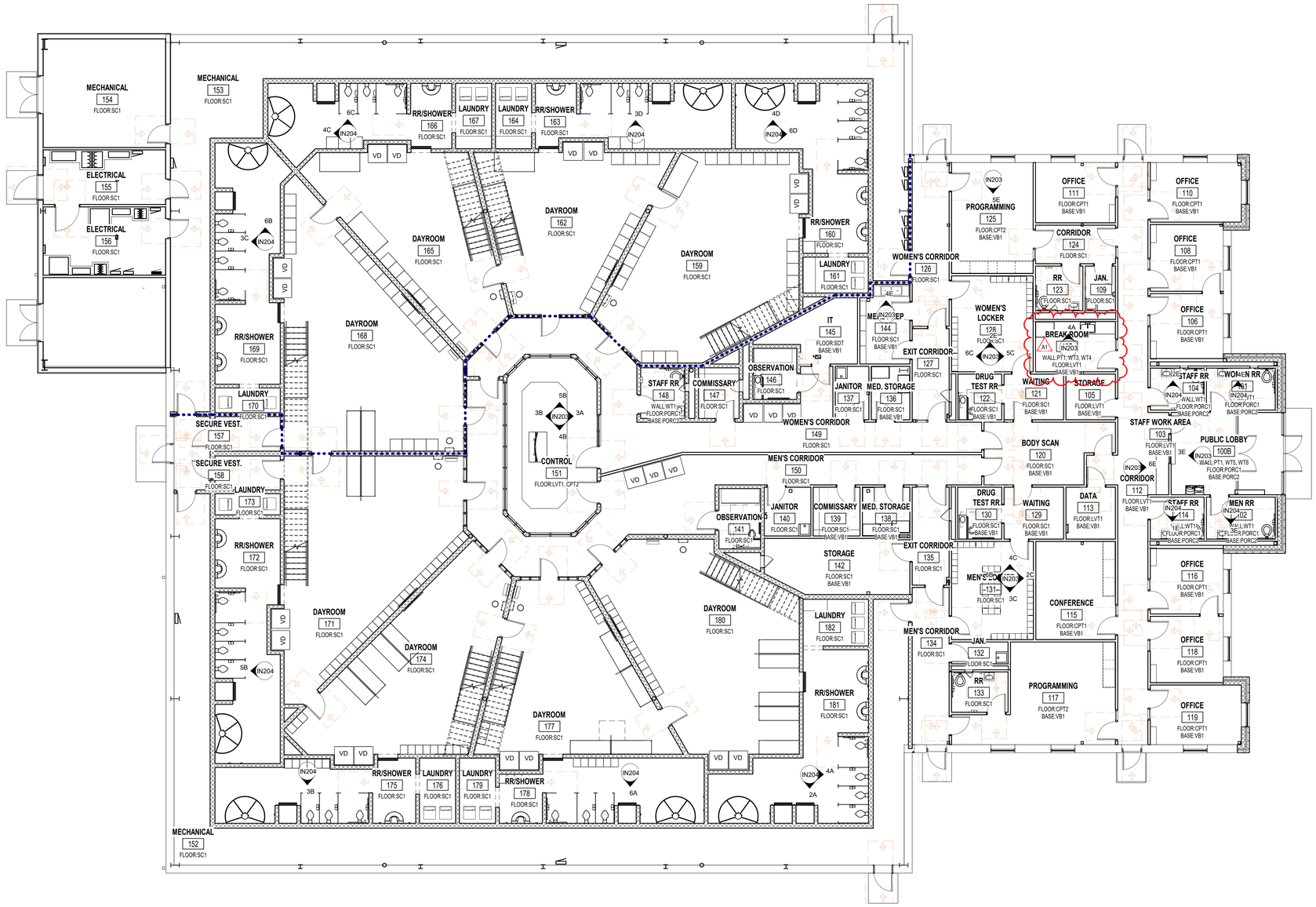
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



INTERIOR NOTES AND LEGENDS

IN 001



6A UNIT F - FIRST FLOOR INTERIOR FINISH PLAN
1/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
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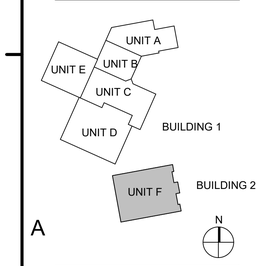
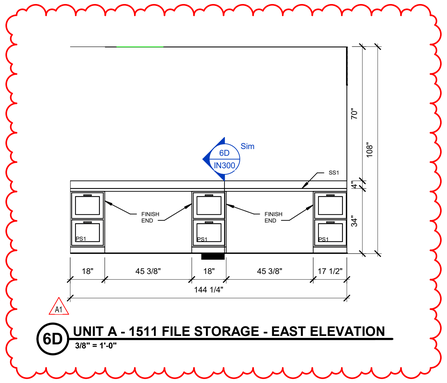
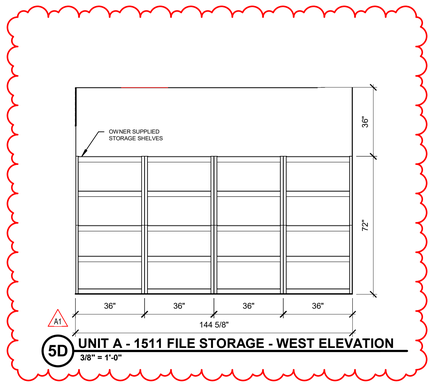


FIRST FLOOR INTERIOR FINISH PLAN- UNIT F

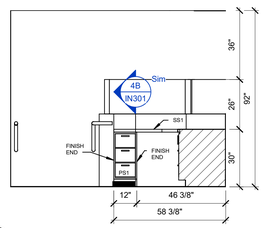
IN107 2F1



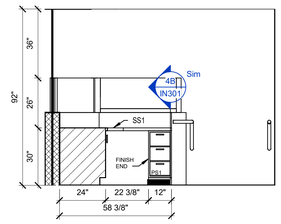
6D UNIT A - 1511 FILE STORAGE - EAST ELEVATION
3/8" = 1'-0"



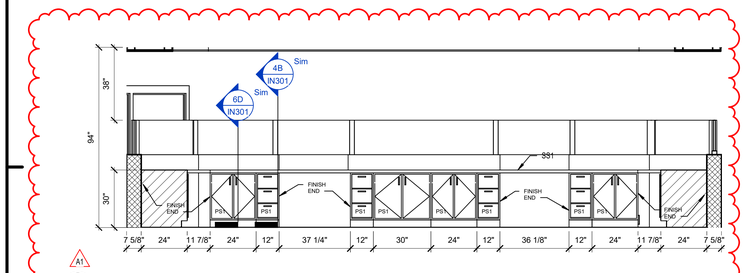
5D UNIT A - 1511 FILE STORAGE - WEST ELEVATION
3/8" = 1'-0"



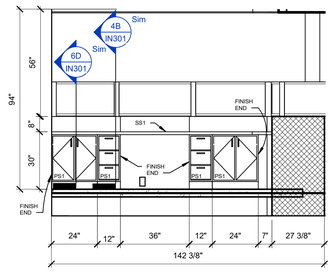
3D UNIT A - 1512 BOOK IN CENTER COUNTER - WEST ELEVATION
3/8" = 1'-0"



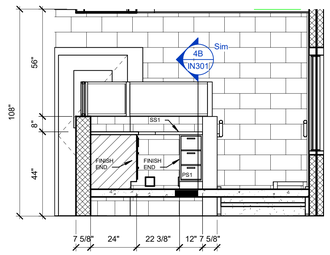
2D UNIT A - 1512 BOOK IN CENTER COUNTER - EAST ELEVATION
3/8" = 1'-0"



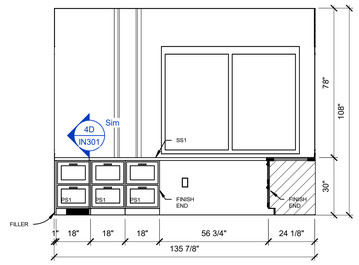
6C UNIT A - 1512 BOOK IN CENTER COUNTER - NORTH ELEVATION
3/8" = 1'-0"



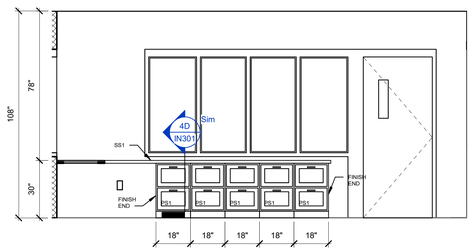
4C UNIT A - 1505 PRE-PROCESS - EAST ELEVATION
3/8" = 1'-0"



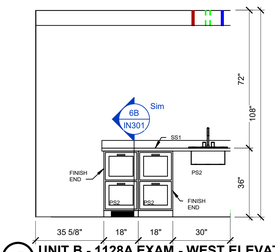
3C UNIT A - 1505 PRE-PROCESS - SOUTH ELEVATION
3/8" = 1'-0"



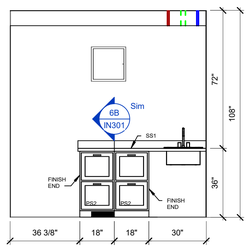
1C UNIT B - 1120 NURSE OFFICE - SOUTH ELEVATION
3/8" = 1'-0"



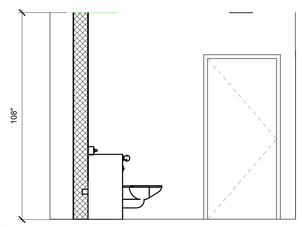
6B UNIT B - 1120 NURSE OFFICE - WEST ELEVATION
3/8" = 1'-0"



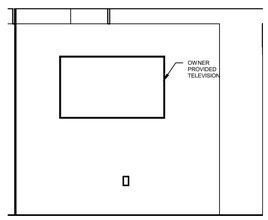
5B UNIT B - 1128A EXAM - WEST ELEVATION
3/8" = 1'-0"



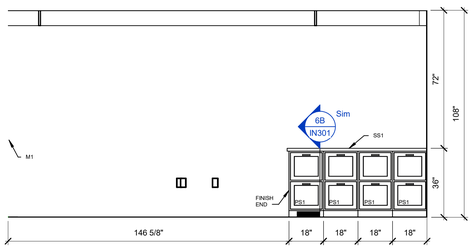
4B UNIT B - 1128B EXAM - WEST ELEVATION
3/8" = 1'-0"



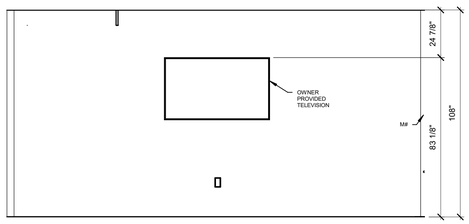
3B UNIT B - 1117 EXAM - EAST ELEVATION
3/8" = 1'-0"



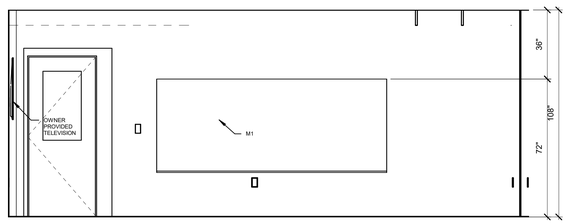
2B UNIT D - 1605 VIDEO COURT - SOUTH ELEVATION
3/8" = 1'-0"



6A UNIT D - 1653 CLASSROOM - NORTH ELEVATION
3/8" = 1'-0"



4A UNIT D - 1653 CLASSROOM - SOUTH ELEVATION
3/8" = 1'-0"



2A UNIT D - 1653 CLASSROOM - WEST ELEVATION
3/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

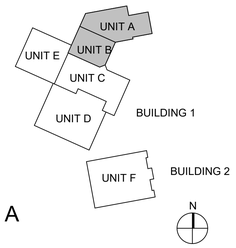
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

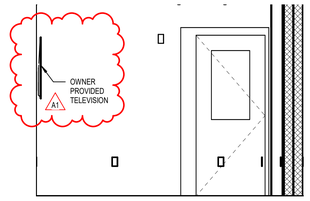
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT

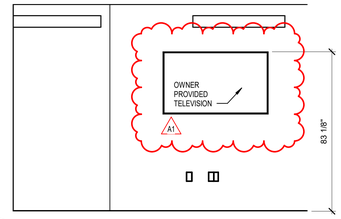


INTERIOR ELEVATIONS

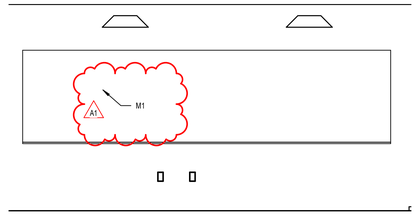
IN201



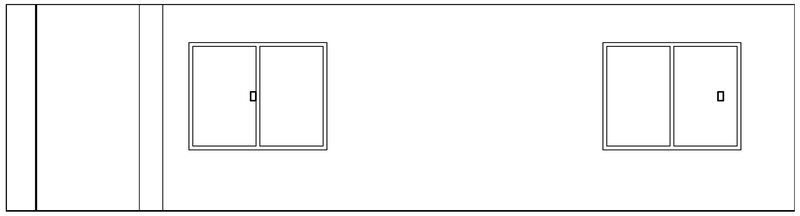
6E UNIT D - 1654 OFFICE - WEST ELEVATION
3/8" = 1'-0"



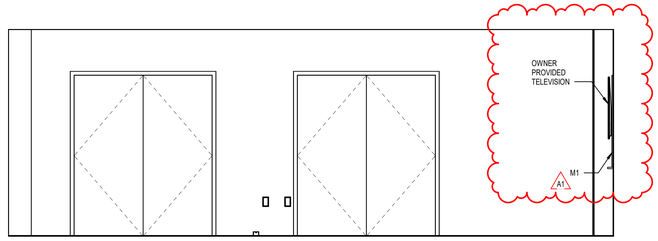
5E UNIT D - 1655 OFFICE - EAST ELEVATION
3/8" = 1'-0"



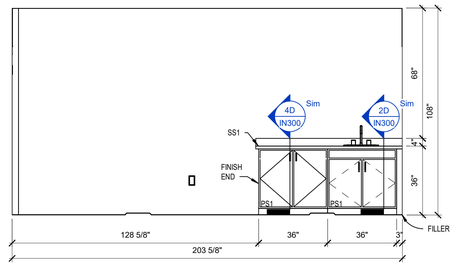
2E UNIT D - 1655 OFFICE - NORTH ELEVATION
3/8" = 1'-0"



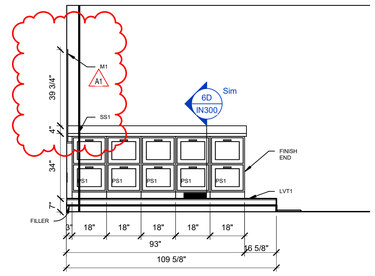
6D UNIT D - 1657 TRAINING ROOM - SOUTH ELEVATION
3/8" = 1'-0"



3D UNIT D - 1657 TRAINING ROOM WEST ELEVATION
3/8" = 1'-0"



6B UNIT D - 2601 CORRIDOR - WEST ELEVATION
3/8" = 1'-0"



5B UNIT D - 2602 CONTROL - EAST ELEVATION
3/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

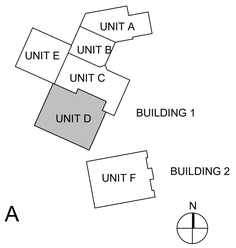
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

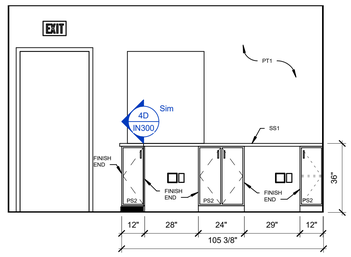
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT

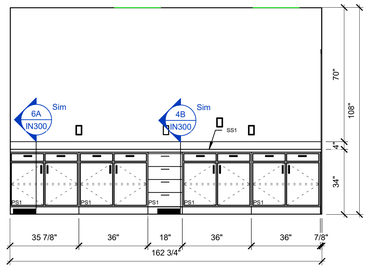


INTERIOR ELEVATIONS

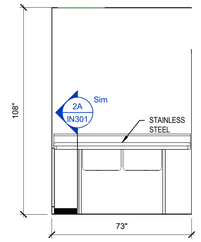
IN202



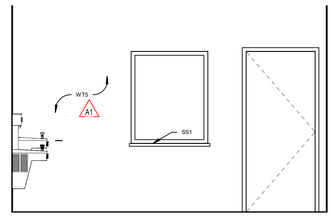
6E UNIT F - 103 STAFF WORK AREA - EAST ELEVATION
3/8" = 1'-0"



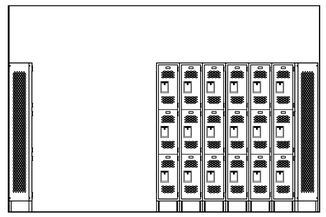
5E UNIT F - 125 PROGRAMMING - SOUTH ELEVATION
3/8" = 1'-0"



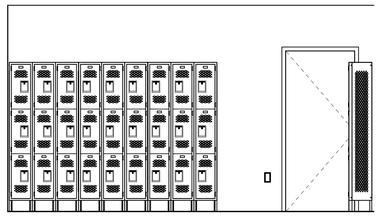
4E UNIT F - 144 MEAL PREP - NORTH ELEVATION
3/8" = 1'-0"



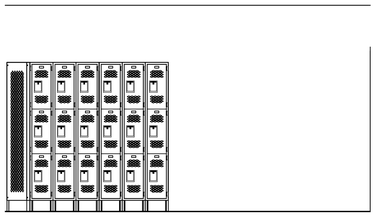
3E UNIT F - 100 PUBLIC LOBBY - WEST ELEVATION
3/8" = 1'-0"



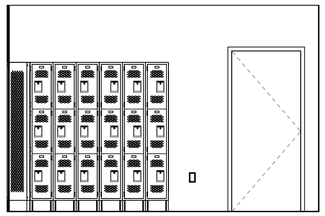
2E UNIT F - 128 WOMEN'S LOCKER - NORTH ELEVATION
3/8" = 1'-0"



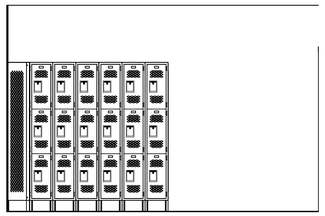
6C UNIT F - 128 WOMEN'S LOCKER - WEST ELEVATION
3/8" = 1'-0"



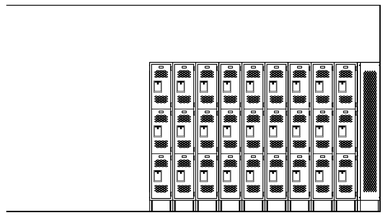
5C UNIT F - 128 WOMEN'S LOCKER - EAST ELEVATION
3/8" = 1'-0"



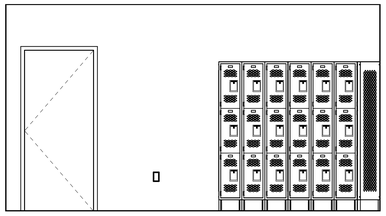
4C UNIT F - 131 MEN'S LOCKER - NORTH ELEVATION
3/8" = 1'-0"



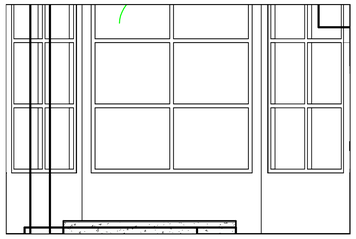
3C UNIT F - 131 MEN'S LOCKER - SOUTH ELEVATION
3/8" = 1'-0"



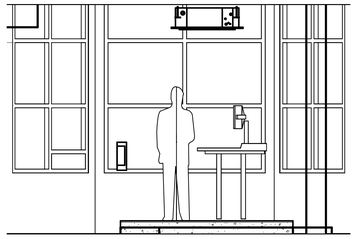
2C UNIT F - 131 MEN'S LOCKER - EAST ELEVATION
3/8" = 1'-0"



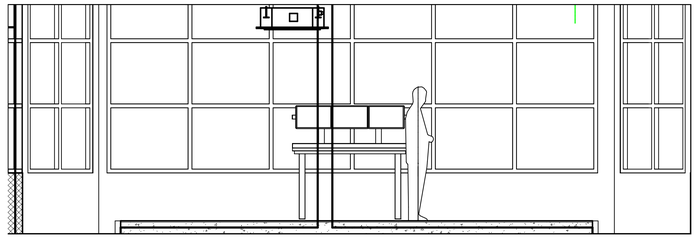
6B UNIT F - 131 MEN'S LOCKER - WEST ELEVATION
3/8" = 1'-0"



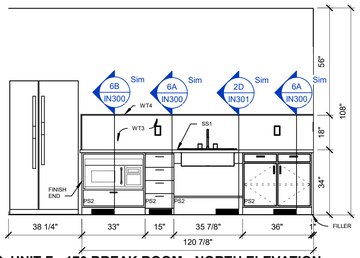
5B UNIT F - 151 CONTROL - NORTH ELEVATION
3/8" = 1'-0"



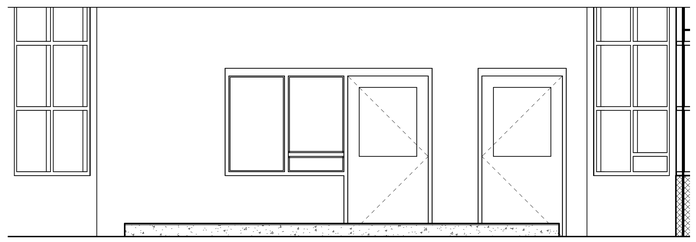
4B UNIT F - 151 CONTROL - SOUTH ELEVATION
3/8" = 1'-0"



3B UNIT F - 151 CONTROL - WEST ELEVATION
3/8" = 1'-0"



4A UNIT F - 170 BREAK ROOM - NORTH ELEVATION
3/8" = 1'-0"



3A UNIT F - 151 CONTROL - EAST ELEVATION
3/8" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

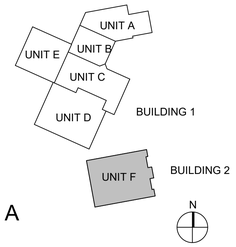
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

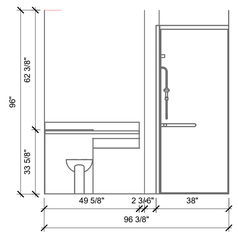
Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT

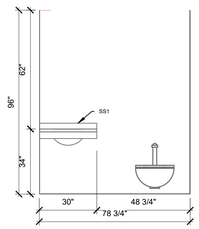


INTERIOR ELEVATIONS

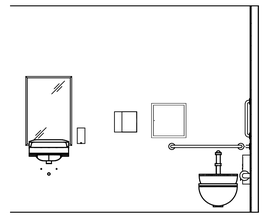
IN203



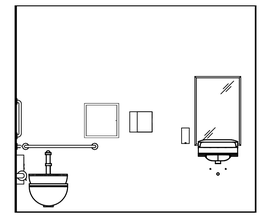
6E UNIT B - 1121 RR - SOUTH ELEVATION
3/8" = 1'-0"



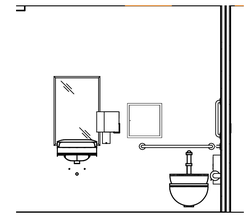
5E UNIT B - 1124 STAFF RR - NORTH ELEVATION
3/8" = 1'-0"



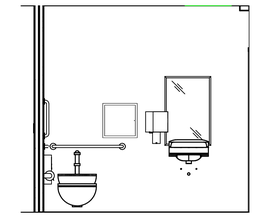
4E UNIT F - 101 WOMEN RR - NORTH ELEVATION
3/8" = 1'-0"



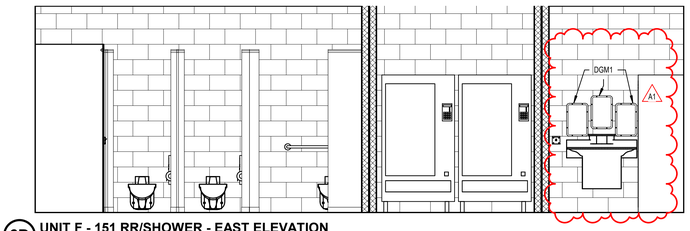
3E UNIT F - 102 MEN RR - SOUTH ELEVATION
3/8" = 1'-0"



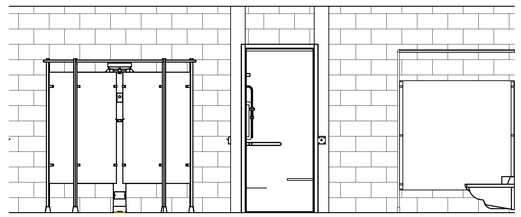
2E UNIT F - 104 STAFF RR - NORTH ELEVATION
3/8" = 1'-0"



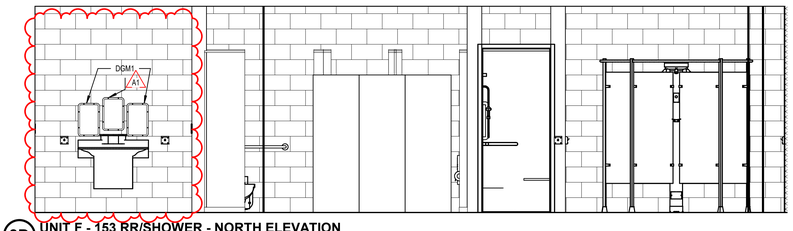
1E UNIT F - 114 STAFF RR - SOUTH ELEVATION
3/8" = 1'-0"



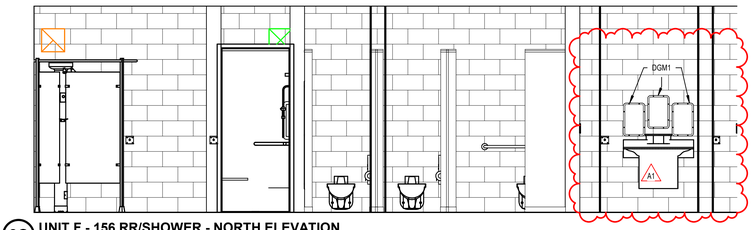
6D UNIT F - 151 RR/SHOWER - EAST ELEVATION
3/8" = 1'-0"



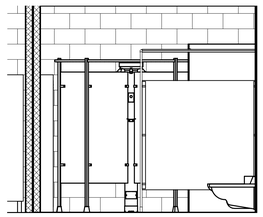
4D UNIT F - 151 RR/SHOWER - NORTH ELEVATION
3/8" = 1'-0"



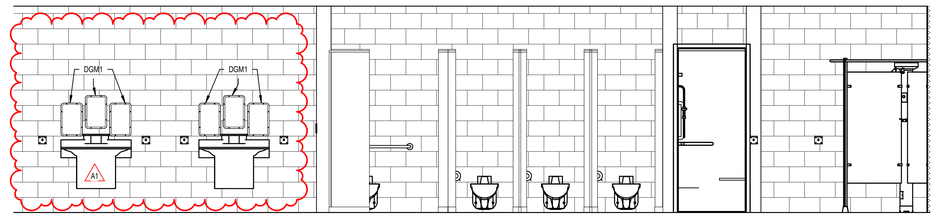
3D UNIT F - 153 RR/SHOWER - NORTH ELEVATION
3/8" = 1'-0"



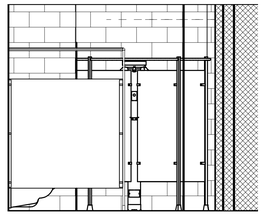
6C UNIT F - 156 RR/SHOWER - NORTH ELEVATION
3/8" = 1'-0"



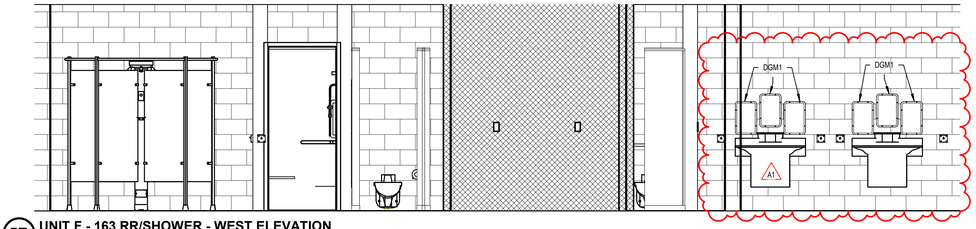
4C UNIT F - 156 RR/SHOWER - WEST ELEVATION
3/8" = 1'-0"



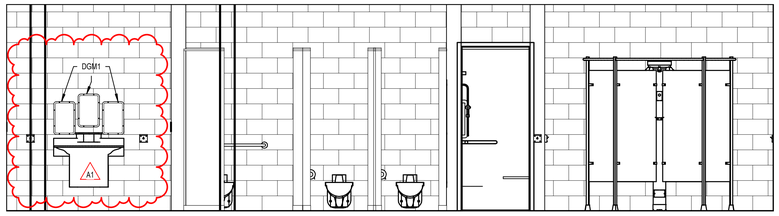
3C UNIT F - 159 RR/SHOWER - WEST ELEVATION
3/8" = 1'-0"



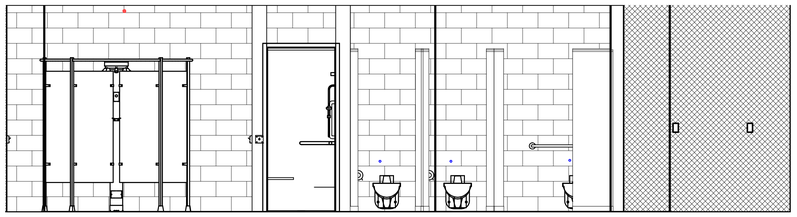
6B UNIT F - 159 RR/SHOWER - NORTH ELEVATION
3/8" = 1'-0"



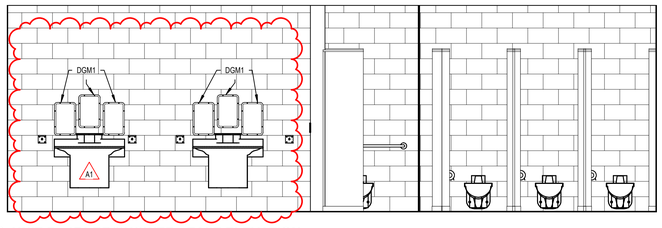
5B UNIT F - 163 RR/SHOWER - WEST ELEVATION
3/8" = 1'-0"



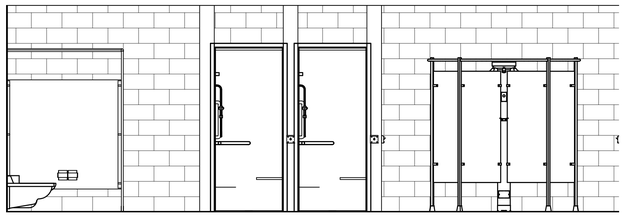
3B UNIT F - 165 RR/SHOWER - SOUTH ELEVATION
3/8" = 1'-0"



6A UNIT F - 169 RR/SHOWER - SOUTH ELEVATION
3/8" = 1'-0"



4A UNIT F - 171 RR/SHOWER - EAST ELEVATION
3/8" = 1'-0"



2A UNIT F - 171 RR/SHOWER - SOUTH ELEVATION
3/8" = 1'-0"

RQAW
ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

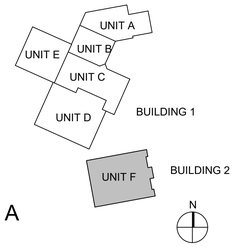
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

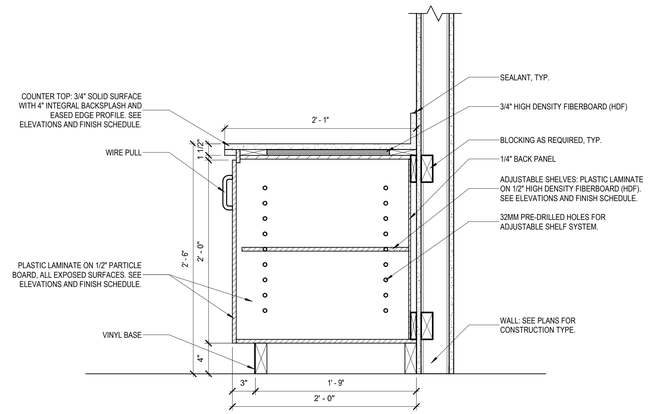
Project #: 20-700-151-2
Designed By: Designer
Drawn By: Author
Checked By: Checker
Date: 02.14.2022

ERIC S. WEFLEN
REGISTERED
No. AR11500136
STATE OF
INDIANA
ARCHITECT

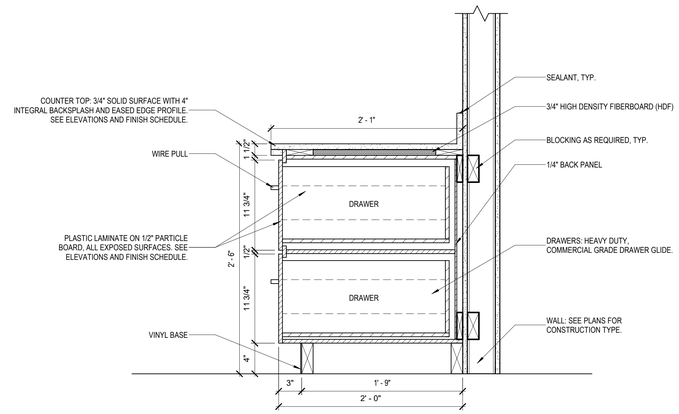


RR/SHOWER ELEVATIONS

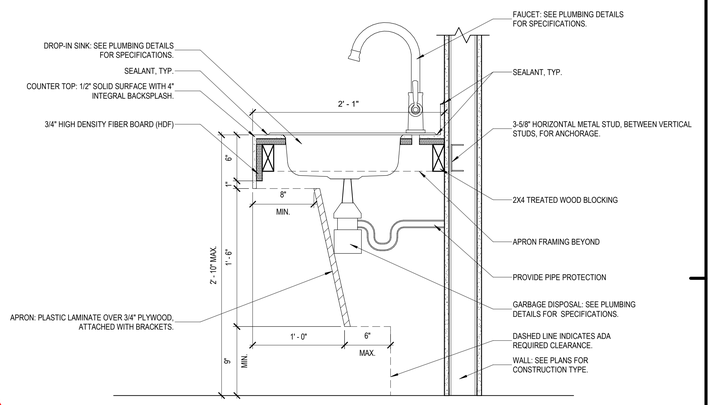
IN204



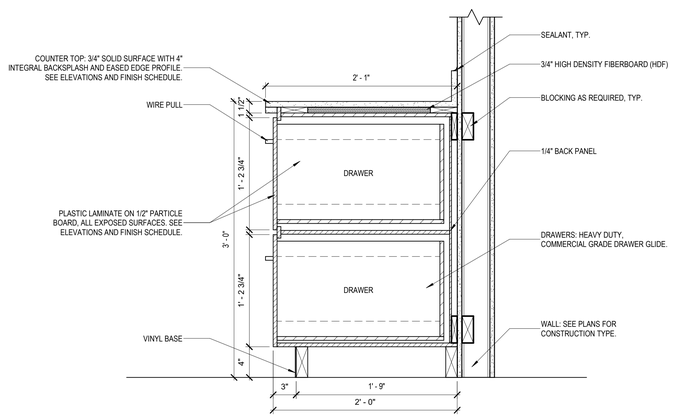
6D CASEWORK (BASE) - FULL HEIGHT DOORS (SEATED)
1 1/2" = 1'-0"



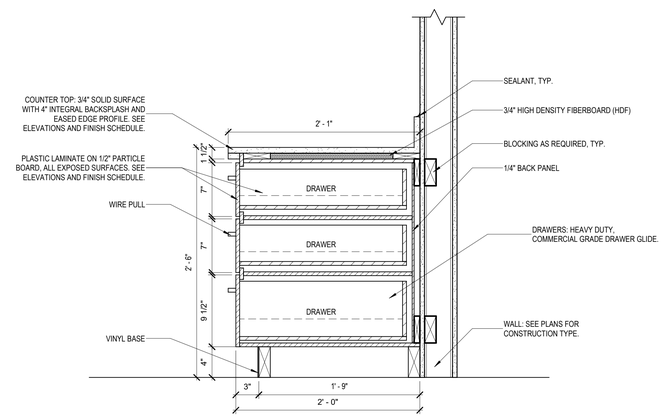
4D CASEWORK (BASE) - TWO DRAWERS (SEATED)
1 1/2" = 1'-0"



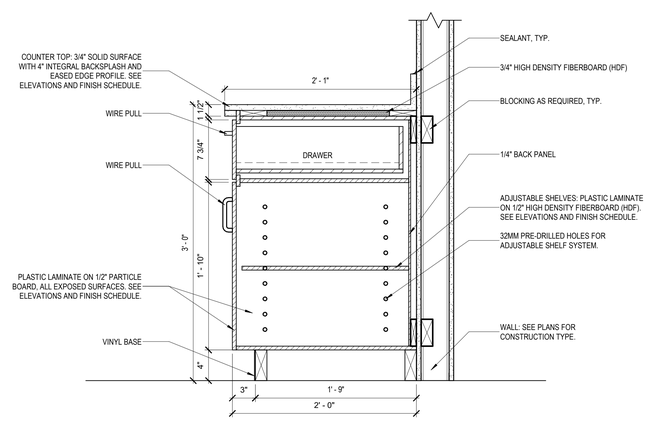
2D CASEWORK (BASE) - DROP-IN SINK W/ GARBAGE DISPOSAL (ADA)
1 1/2" = 1'-0"



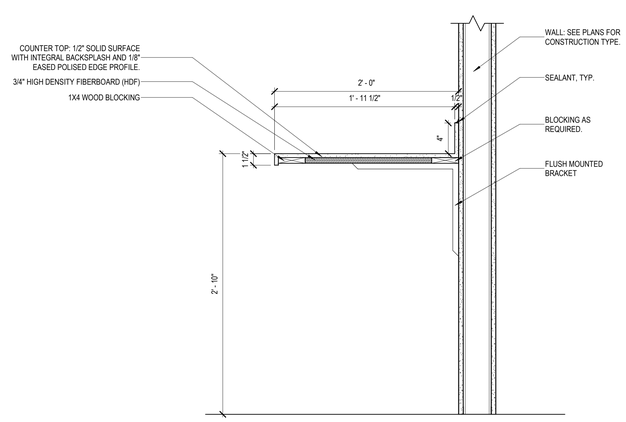
6B CASEWORK (BASE) - TWO DRAWERS
1 1/2" = 1'-0"



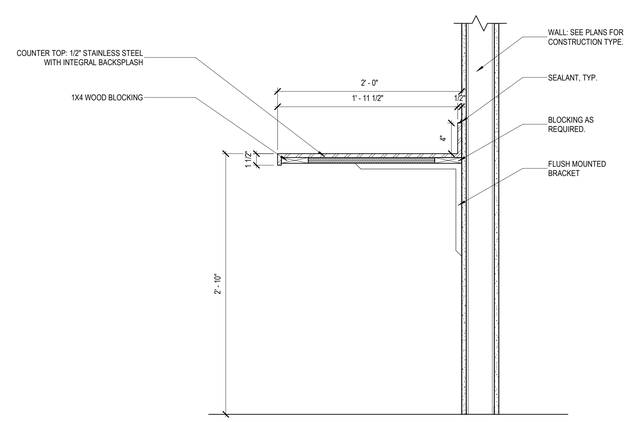
4B CASEWORK (BASE) - THREE DRAWERS (SEATED)
1 1/2" = 1'-0"



6A CASEWORK (BASE) - DOORS AND 2 DRAWERS
1 1/2" = 1'-0"



4A -COUNTERTOP - BRACKET - SOLID SURFACE
1 1/2" = 1'-0"



2A -COUNTERTOP - BRACKET - STAINLESS STEEL
1 1/2" = 1'-0"

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

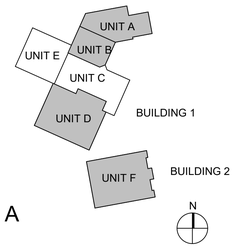
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: LD/SP
Drawn By: WD
Checked By: LD/EV
Date: 02.14.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



INTERIOR SECTIONS & DETAILS

IN301

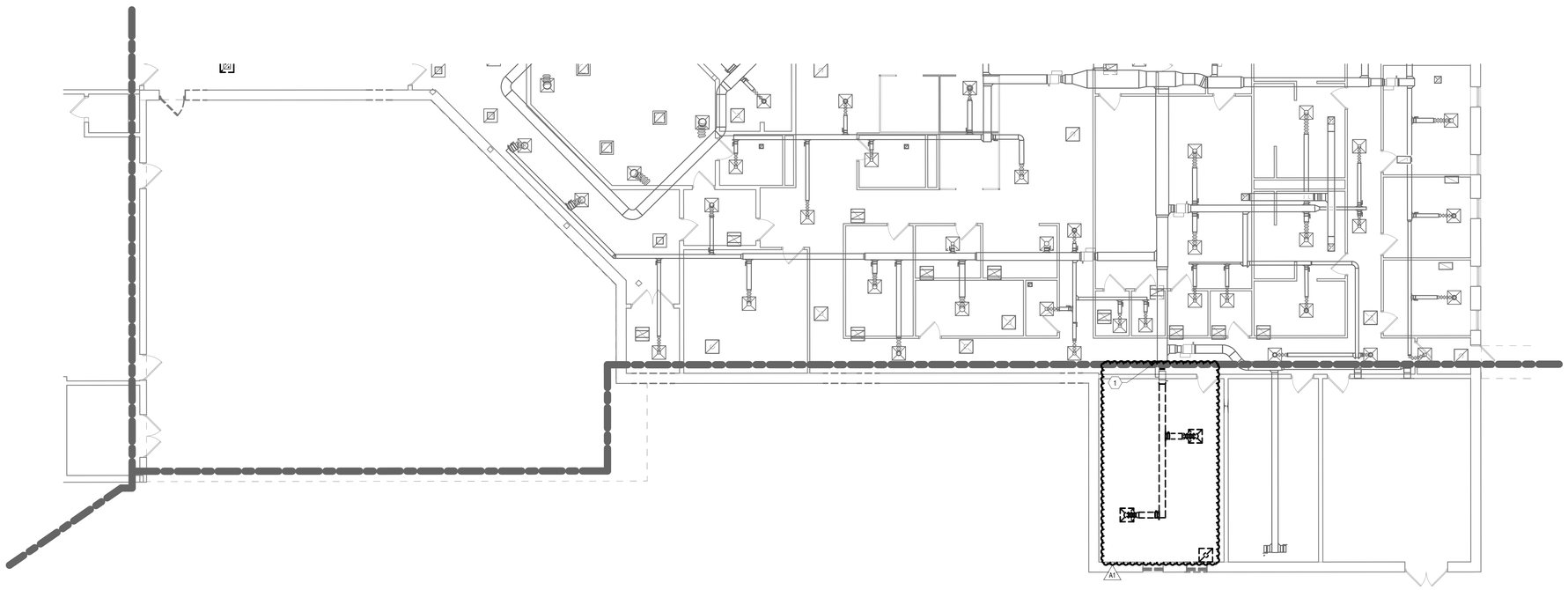
PLAN NOTES

#	NOTE
1	CAP EXISTING DUCTWORK.

HVAC DEMOLITION GENERAL NOTES

A. EXISTING SYSTEMS SHOWN ARE BASED ON EXISTING DRAWINGS AND FIELD VERIFIED TO THE EXTENT POSSIBLE. CONTRACTOR SHALL VERIFY THAT SERVICES INDICATED FOR REMOVAL DO NOT SERVE SPACES OUTSIDE THE PROJECT AREA. CONTRACTOR SHALL FIELD VERIFY THAT EXISTING SYSTEMS SHOWN ARE REPRESENTATIVE OF THE INSTALLED SYSTEMS AND REPORT MAJOR DISCREPANCIES TO ENGINEER OF RECORD.
B. INACTIVE, ABANDONED SYSTEMS NOT SHOWN ARE TO BE REPORTED TO THE ENGINEER OF RECORD.
C. CONTRACTOR IS TO COORDINATE ALL SERVICE INTERRUPTIONS WITH OWNER REPRESENTATIVES, MAINTENANCE STAFF, AND END-USERS. CONTRACTOR SHALL PROVIDE SUFFICIENT ADVANCE NOTICE TO ALL AFFECTED PARTIES OF IMPENDING OUTAGE.
D. SYSTEMS INDICATED BY DASHED LINE ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE DESCRIBED BY PLAN NOTE(S). THIS INCLUDES THE REMOVAL OF EXISTING HANGERS, INSULATION, ASSOCIATED CONTROLS AND ACCESSORIES. ALL DUCTWORK AND PIPING TERMINATIONS NOT SHOWN AS BEING REUSED SHALL BE CAPPED. CONTRACTOR SHALL PATCH INSULATION DAMAGED DURING DEMOLITION AND WHERE PIPING IS SHOWN TO BE CAPPED.
E. WHEN EQUIPMENT REQUIRING ELECTRICAL POWER IS REMOVED, CONTRACTOR SHALL ALSO DEMOLISH EXISTING POWER WIRING AND CONDUIT. A LICENSED ELECTRICIAN SHALL BE RESPONSIBLE FOR REMOVING ALL POWER WIRING AND CONDUIT.
F. WHERE REMAINING MECHANICAL, ELECTRICAL, PLUMBING, OR FIRE PROTECTION WORK PENETRATES EXISTING WALLS OR FLOORS, THE OPENING CREATED MUST BE REPAIRED TO MATCH THE EXISTING CONSTRUCTION AND FIRE RATING BY THE GENERAL CONSTRUCTION TRADE SKILLED IN THE WORK TO BE PERFORMED.
G. IF THE WORK OF OTHER TRADES IS CURRENTLY SUPPORTED BY WORK TO BE DEMOLISHED, CONTRACTOR SHALL FURNISH AND INSTALL NEW SUPPORTS.
H. UNUSED HANGERS FOUND WITHIN THE PROJECT SCOPE AREA SHALL BE REMOVED.
I. WHERE REQUIRED, PERFORM PRE-DEMOLITION SYSTEM TESTING (AIRFLOW, TEMPERATURE, ETC.) PRIOR TO BEGINNING ANY DEMOLITION.
J. FOR PHASED SCOPE OF WORK, REFER TO ARCHITECTURAL PHASING PLANS AND OTHER PROJECT MANUAL REQUIREMENTS. CONTRACTOR IS TO VERIFY THE SPACES TO REMAIN ACTIVE UNDER THERMAL CONTROL AND EXHAUST SYSTEMS TO REMAIN ACTIVE TO SUPPORT THE PHASING. PROVIDE TEMPORARY SYSTEM MODIFICATIOS (BLANKOFFS, CAPS, TEMPORARY DUCT CONNECTIONS, TEMPORARY PIPE CONNECTIONS, ETC) AS REQUIRED TO SUPPORT THE PHASING.

A1



1 FIRST FLOOR MECHANICAL DEMOLITION PLAN - UNIT D
1/8" = 1'-0"

0 4' 8' 16'

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

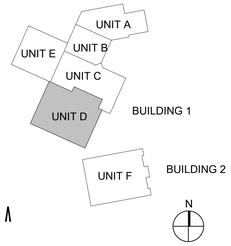
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

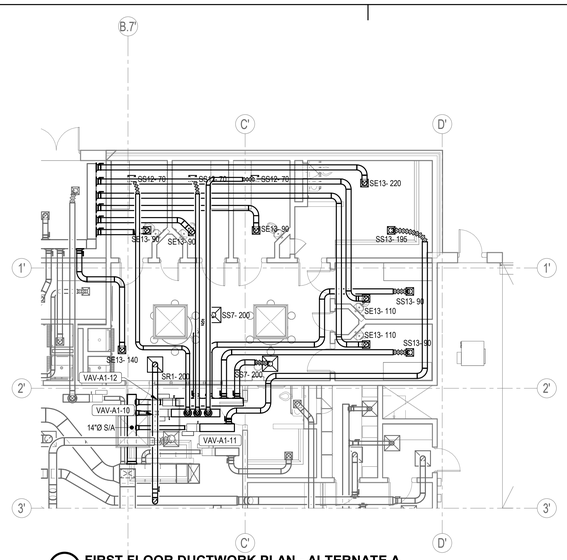
Project #: 20-700-151-2
Designed By: D.E.B.
Drawn By: N.J.H.
Checked By: A.M.M.
Date: 01.28.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



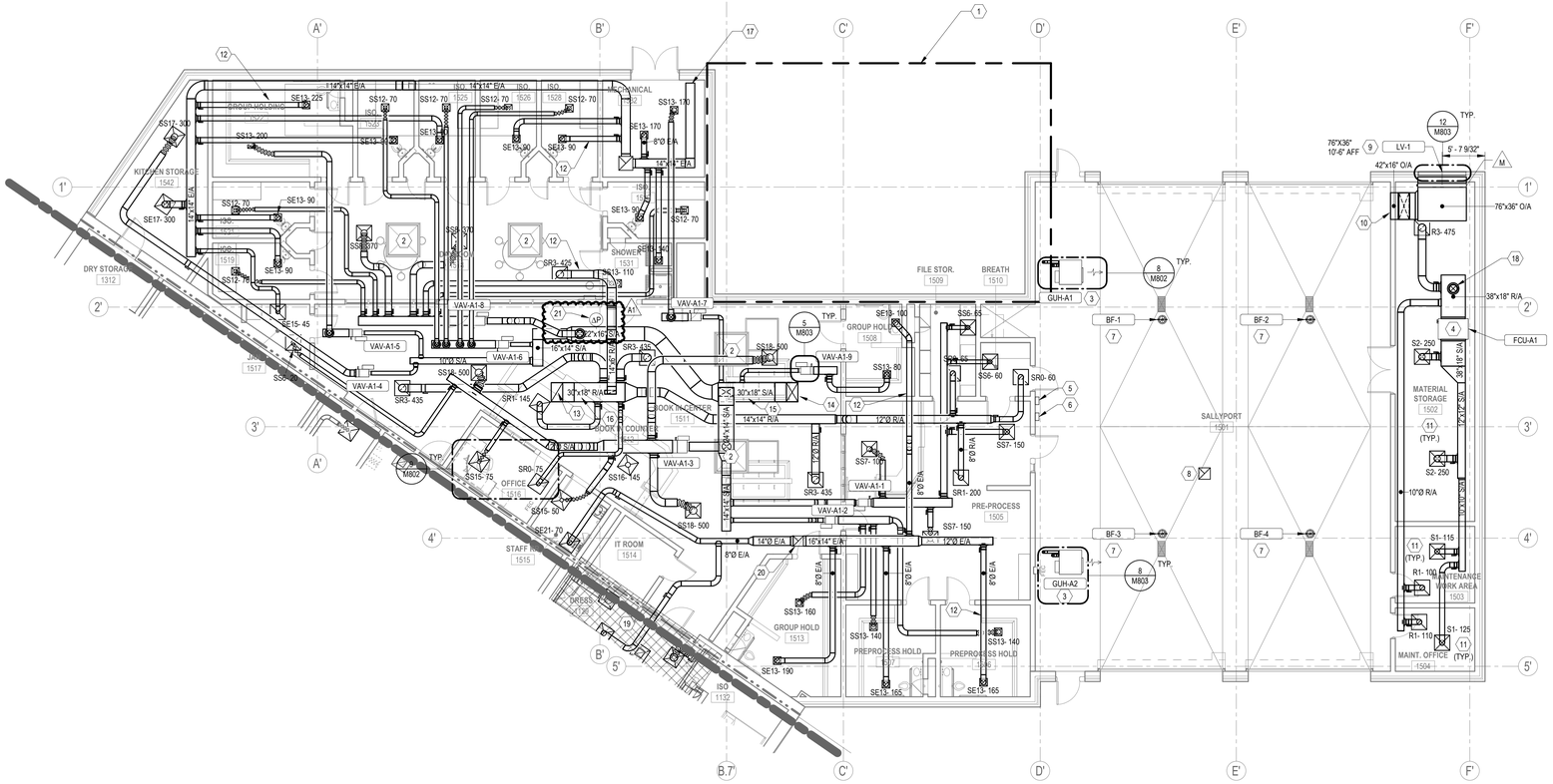
FIRST FLOOR MECHANICAL DEMOLITION PLAN - UNIT D

M110D



2 FIRST FLOOR DUCTWORK PLAN - ALTERNATE A

1/8" = 1'-0"



1 FIRST FLOOR DUCTWORK PLAN - UNIT A

1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES:

A. ALL DUCT DIMENSIONS GIVEN ARE INSIDE DIMENSIONED, UNLESS NOTED OTHERWISE.

B. COORDINATE ALL OPENINGS IN FLOORS, ROOF AND WALLS WITH THE GENERAL AND STRUCTURAL CONTRACTORS.

C. RUN ALL DUCTS AS HIGH AS POSSIBLE WITH RETURN AND EXHAUST ABOVE SUPPLY AS OFTEN AS POSSIBLE.

D. PROVIDE TURNING VANES IN ALL SUPPLY AIR SQUARE THROATED ELBOWS.

E. ALL RECTANGULAR SUPPLY AIR BRANCH CONNECTIONS SHALL BE 45° TAKE-OFF FITTINGS AND ROUND SUPPLY AIR BRANCH CONNECTIONS SHALL BE BELLMOUTH FITTINGS.

F. REFER TO DIFFUSER SCHEDULE FOR DUCT RUNOUT SIZE UNLESS NOTED OTHERWISE. ALL FLEXIBLE DUCTS TO DIFFUSERS MAXIMUM LENGTH 5'-0". FLEXIBLE DUCTS ARE NOT TO BE USED AS ELBOWS.

G. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT OR DUCTWORK UNLESS NOTED OTHERWISE.

H. PROVIDE CEILING RADIATION DAMPERS (CRD) FOR ALL DIFFUSERS/GRILLES LOCATED IN RATED CEILINGS. COORDINATE TYPE OF CRD REQUIRED WITH ARCHITECTURALL CONSTRUCTION TYPE AS SHOWN ON ARCHITECTURAL PLANS.

I. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

PLAN NOTES

#	NOTE
1	HIGHLIGHTED REGION NOT PRESENT FOR BASE BID. THIS AREA BUILDOUT IS ALTERNATE A.
2	AVOID ROUTING DUCTWORK AND EQUIPMENT UNDERNEATH SKYLIGHT. COORDINATE WITH ROOF MANUFACTURER IN THE FIELD TO VALIDATE PRECISE LOCATION OF SKYLIGHT.
3	INSTALL GAS UNIT HEATER 14'-0" AFF. ROUTE 4" COMBUSTION AIR AND FLUE UP THROUGH ROOF AND TERMINATE WITH VENT CAPS A MINIMUM OF 24" ABOVE ROOF PER MANUFACTURER REQUIREMENTS.
4	INSTALL FCU AT APPROXIMATELY 12'-0" AFF. PROVIDE FULL SIZE LONG SUPPLY AND RETURN PLENUM. CONNECT 8" DIA OUTDOOR DUCT TO PLENUM AND ROUTE UP THROUGH ROOF WITH GOOSENECK. TERMINATE GOOSENECK A MINIMUM OF 18" ABOVE THE ROOF WITH ALUMINUM INSECT SCREEN. BALANCE OUTDOOR AIR TO 100 CFM. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
5	PROVIDE SINGLE ZONE GAS MONITOR SIMILAR TO ARMSTRONG AMC-1AD1/2 IN LOCATION INDICATED WITH 120V/1P ELECTRICAL SUPPLY. MONITOR SHALL HAVE LOCAL ALARM, INDICATING LIGHTS AND FAN RELAY CONTACTS WITH ADJUSTABLE FAN RUN TIME. PROVIDE REMOTE SENSING UNITS AS REQUIRED TO COVER ENTIRE SALLYPORT FOR CARBON MONOXIDE AND NITROGEN DIOXIDE.
6	LOCATE BUCKET FAN SWITCH IN APPROXIMATE LOCATION INDICATED. BUCKET FAN SWITCH SHALL CONTROL ALL BUCKET FANS.
7	INSTALL BUCKET FAN AT 16'-0" AFF. IN APPROXIMATE LOCATION SHOWN.
8	18"X18" EA DUCT DOWN FROM EF-A-1 ON ROOF SHALL PENETRATE ROOF AND TRANSITION TO A 18"X18" DUCT. TERMINATE A MINIMUM OF 18" BELOW THE ROOF WITH A 18"X18" EXPANDED METAL GRILLE.
9	PROVIDE SECURITY BARS AND MOTORIZED DAMPER ON BACK OF 80"X30" OA LOUVER WITH DRAINABLE BLADES AND BIRD SCREEN. INTERLOCK WITH EXHAUST FAN PER SEQUENCE OF OPERATION FOR SALLYPORT EXHAUST.
10	ROUTE 42"X16" OA DUCT DOWN AND PENETRATE WALL OF SALLYPORT 18" AFF AND PROVIDE EXPANDED METAL GRILLE AT PENETRATION.
11	INSTALL DIFFUSERS AT 10'-0" AFF.
12	LOCATION OF TEMPERATURE SENSOR IN DUCT FOR ASSOCIATED VAV BOX.
13	ROUTE 30"X18" RETURN DUCT UP TO RETURN AIR INLET OF AHU-A1. TRANSITION AS REQUIRED. REFER TO DETAIL X/M8XX.
14	ROUTE 30"X18" SUPPLY DUCT UP TO SUPPLY AIR DISCHARGE OF AHU-A1. TRANSITION AS REQUIRED. REFER TO DETAIL X/M8XX.
15	LOCATION OF AHU-A1 SUPPLY DETECTOR. PROVIDED AND INSTALLED BY EC.
16	LOCATION OF AHU-A1 RETURN DETECTOR. PROVIDED AND INSTALLED BY EC.
17	EXTEND EXHAUST DUCT OUT FOR FUTURE BUILD OUT OF ALT A.
18	8" OUTSIDE AIR DUCT UP TO ROOF. TERMINATE WITH WEATHERPROOF GOOSENECK.
19	REFER TO M210B.
20	16"X16" EXHAUST DUCT UP TO EF-A3 ON ROOF.
21	LOCATION OF AHU-A1 SUPPLY DUCT STATIC SENSOR.

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

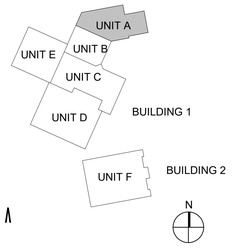
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

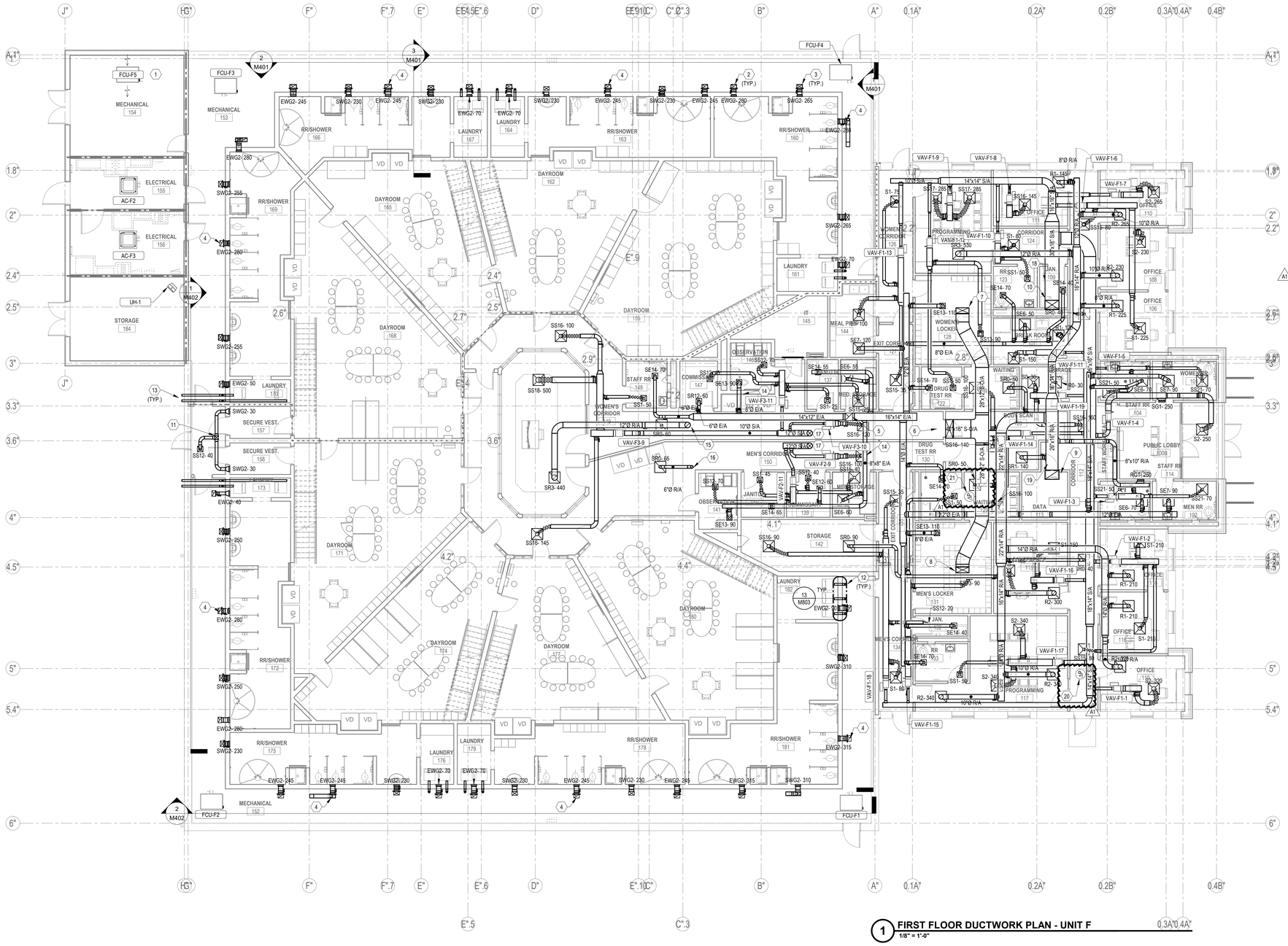
Project #: 20-700-151-2
Designed By: D.E.B.
Drawn By: N.J.H.
Checked By: A.M.M.
Date: 01.28.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



FIRST FLOOR DUCTWORK PLAN - UNIT A

M210A



1 FIRST FLOOR DUCTWORK PLAN - UNIT F
1/8" = 1'-0"

GENERAL NOTES:

A. ALL DUCT DIMENSIONS GIVEN ARE INSIDE DIMENSIONED, UNLESS NOTED OTHERWISE.

B. COORDINATE ALL OPENINGS IN FLOORS, ROOF AND WALLS WITH THE GENERAL AND STRUCTURAL CONTRACTORS.

C. RUN ALL DUCTS AS HIGH AS POSSIBLE WITH RETURN AND EXHAUST ABOVE SUPPLY AS OFTEN AS POSSIBLE.

D. PROVIDE TURNING VANES IN ALL SUPPLY AIR SQUARE THROATED ELBOWS.

E. ALL RECTANGULAR SUPPLY AIR BRANCH CONNECTIONS SHALL BE 45° TAKE-OFF FITTINGS AND ROUND SUPPLY AIR BRANCH CONNECTIONS SHALL BE BELLMOUTH FITTINGS.

F. REFER TO DIFFUSER SCHEDULE FOR DUCT RUNOUT SIZE UNLESS NOTED OTHERWISE. ALL FLEXIBLE DUCTS TO DIFFUSERS MAXIMUM LENGTH 5'-0". FLEXIBLE DUCTS ARE NOT TO BE USED AS ELBOWS.

G. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT OR DUCTWORK UNLESS NOTED OTHERWISE.

H. PROVIDE CEILING RADIATION DAMPERS (CRD) FOR ALL DIFFUSERS/GRILLES LOCATED IN RATED CEILINGS. COORDINATE TYPE OF CRD REQUIRED WITH ARCHITECTURALL CONSTRUCTION TYPE AS SHOWN ON ARCHITECTURAL PLANS.

I. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

PLAN NOTES

#	NOTE
1	INSTALL FCU AT APPROX. 9'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
2	12"x8" EXHAUST DUCT UP. SEE M220F FOR CONTINUATION.
3	12"x8" SUPPLY DUCT UP. SEE M220F FOR CONTINUATION.
4	LOCATION OF VAV TEMPERATURE SENSOR FOR RESTROOM.
5	16"x16" EXHAUST DUCT UP. SEE M220F FOR CONTINUATION.
6	16"x40" OA DUCT UP TO ERV-F4. SEE M220F FOR CONTINUATION.
7	28"X12" OA DUCT UP TO AHU-F3. SEE M220F FOR CONTINUATION.
8	28"X12" OA DUCT UP TO AHU-F2. SEE M220F FOR CONTINUATION.
9	30"X20" RETURN DUCT UP TO AHU-F1. SEE M220F FOR CONTINUATION.
10	30"X20" SUPPLY DUCT UP TO AHU-F1. SEE M220F FOR CONTINUATION.
11	8" DIA SUPPLY DUCT UP. REFER TO M220F FOR CONTINUATION.
12	DRYER EXHAUST UP THROUGH ROOF. TERMINATE GOOSENECK A MINIMUM OF 18" ABOVE ROOF. VERIFY SIZE OF EXHAUST DUCT AND ROUTE DUCT PER MANUFACTURER RECOMMENDATIONS.
13	DRYER EXHAUST THROUGH WALL AT 12'-0" AFF. ROUTE DUCT AND TERMINATE PER MANUFACTURER RECOMMENDATIONS. VERIFY SIZE OF EXHAUST DUCT WITH MANUFACTURER RECOMMENDATIONS.
14	LOCATION OF THERMOSTAT FOR VAV BOX.
15	12" DIA RETURN DUCT UP. REFER TO M220F FOR CONTINUATION.
16	6" DIA RETURN DUCT UP. REFER TO M220F FOR CONTINUATION.
17	12" DIA SUPPLY DUCT UP. REFER TO M220F FOR CONTINUATION.
18	LOCATION OF AHU-F1 SUPPLY DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
19	LOCATION OF AHU-F1 RETURN DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
20	LOCATION OF AHU-F1 SUPPLY DUCT STATIC SENSOR.
21	LOCATION OF ERV-F4 SUPPLY DUCT STATIC SENSOR.

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: D.E.B.
Drawn By: N.J.H.
Checked By: A.M.M.
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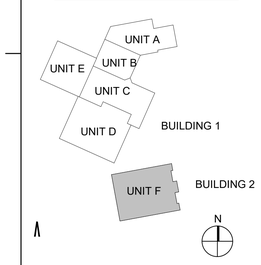
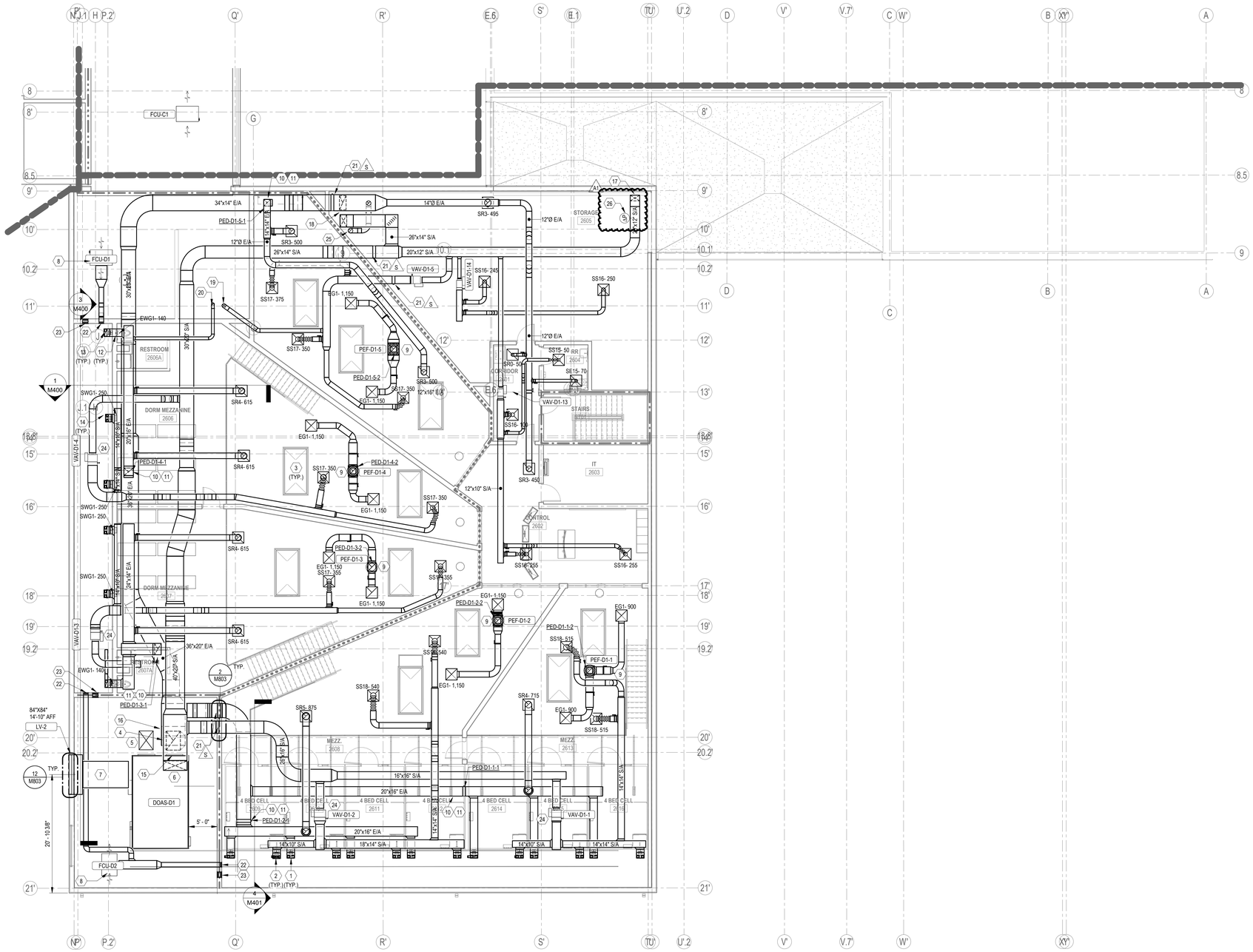
ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



FIRST FLOOR DUCTWORK PLAN - UNIT F

M210F



1 **CONTROL ROOM / MEZZANINE DUCTWORK PLAN - UNIT D**
1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES:

A. ALL DUCT DIMENSIONS GIVEN ARE INSIDE DIMENSIONED, UNLESS NOTED OTHERWISE.

B. COORDINATE ALL OPENINGS IN FLOORS, ROOF AND WALLS WITH THE GENERAL AND STRUCTURAL CONTRACTORS.

C. RUN ALL DUCTS AS HIGH AS POSSIBLE WITH RETURN AND EXHAUST ABOVE SUPPLY AS OFTEN AS POSSIBLE.

D. PROVIDE TURNING VANES IN ALL SUPPLY AIR SQUARE THROATED ELBOWS.

E. ALL RECTANGULAR SUPPLY AIR BRANCH CONNECTIONS SHALL BE 45° TAKE-OFF FITTINGS AND ROUND SUPPLY AIR BRANCH CONNECTIONS SHALL BE BELLMOUTH FITTINGS.

F. REFER TO DIFFUSER SCHEDULE FOR DUCT RUNOUT SIZE UNLESS NOTED OTHERWISE. ALL FLEXIBLE DUCTS TO DIFFUSERS MAXIMUM LENGTH 5'-0". FLEXIBLE DUCTS ARE NOT TO BE USED AS ELBOWS.

G. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT OR DUCTWORK UNLESS NOTED OTHERWISE.

H. PROVIDE CEILING RADIATION DAMPERS (CRD) FOR ALL DIFFUSERS/GRILLES LOCATED IN RATED CEIILINGS. COORDINATE TYPE OF CRD REQUIRED WITH ARCHITECTURALL CONSTRUCTION TYPE AS SHOWN ON ARCHITECTURAL PLANS.

I. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

PLAN NOTES

#	NOTE
1	CONNECT 8" Ø EXHAUST DUCT TO 4 MAN CELL EXHAUST CONNECTION. PROVIDE 8" ROUND MANUAL DAMPER AT CONNECTION AND BALANCE TO 150 CFM. ROUTE 4"X14" EXHAUST DUCT DOWN. REFER TO M210D FOR CONTINUATION.
2	CONNECT 8" Ø SUPPLY DUCT TO 4 MAN CELL SUPPLY CONNECTION. PROVIDE 8" ROUND MANUAL DAMPER AT CONNECTION AND BALANCE TO 130 CFM. ROUTE 4"X14" EXHAUST DUCT DOWN. REFER TO M210D FOR CONTINUATION.
3	AVOID ROUTING DUCTWORK AND EQUIPMENT UNDERNEATH SKYLIGHT. COORDINATE WITH ROOF MANUFACTURER IN THE FIELD TO VALIDATE PRECISE LOCATION OF SKYLIGHT.
4	30"X40" RETURN DOWN TO DOAS-D1. REFER TO M210D FOR CONTINUATION.
5	30"X40" OUTSIDE AIR DOWN FROM OALP-1 ON ROOF TO DOAS-D1. REFER TO M210D FOR CONTINUATION.
6	50"X20" SUPPLY AIR DOWN TO DOAS-D1. CONNECT DUCT TO DOAS-D1. TRANSITION AS REQUIRED TO AHU SUPPLY CONNECTION. REFER TO DETAIL 3/M800.
7	56"X30" EXHAUST DOWN TO DOAS-D1. CONNECT DUCT TO DOAS-D1. TRANSITION AS REQUIRED TO AHU EXHAUST CONNECTION. REFER TO DETAIL 3/M800.
8	INSTALL FCU AT APPROX. 14'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
9	18"X18" EXHAUST DUCT UP TO POD EXHAUST FAN ON ROOF. PROVIDE MOTORIZED DAMPER IN RISER. REFER TO M905 FOR SEQUENCE OF OPERATION.
10	PROVIDE TEMPERATURE SENSOR IN EXHAUST DUCT FROM DAYROOM FOR TEMPERATURE CONTROL.
11	PROVIDE MOTORIZED DAMPER FOR POD EXHAUST SYSTEM. REFER TO M905 FOR SEQUENCE OF OPERATION.
12	SUPPLY/EXHAUST GRILLES IN DORMS TO BE PROVIDED BY MC. GRILLES SHALL BE INSTALLED AT 7' AFF. PROVIDE MANUAL BALANCING DAMPER AT CONNECTION.
13	16"x6" EXHAUST DOWN. SEE M210D FOR CONTINUATION.
14	16"x6" SUPPLY DOWN. SEE M210D FOR CONTINUATION.
15	LOCATION OF DOAS-D1 SUPPLY DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
16	LOCATION OF DOAS-D1 RETURN DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
17	20"x12" SUPPLY DUCT DOWN. SEE M210D FOR CONTINUATION.
18	26"X14" SUPPLY DUCT DOWN. 30"X14" EXHAUST DUCT DOWN. SEE M210D FOR CONTINUATION.
19	8" Ø SUPPLY DUCT DOWN. SEE M210D FOR CONTINUATION.
20	6" Ø EXHAUST DUCT DOWN. SEE M210D FOR CONTINUATION.
21	PROVIDE SMOKE DAMPER AT PENETRATION IN WALL.
22	PROVIDE 10"x10" EXPANDED METAL GRILLE AT PENETRATION. BALANCE TO 400 CFM. PROVIDE RADIATION DAMPER IN 1 HR RATED WALL.
23	PROVIDE 12"x12" EXPANDED METAL GRILLE AT PENETRATION AT BOTH ENDS OF TRANSFER GRILLE. PROVIDE RADIATION DAMPER IN 1 HR RATED WALL.
24	PROVIDE TEMPERATURE SENSOR ASSOCIATED WITH VAV BOX IN RETURN DUCT FROM DAYROOM.
25	10" DIA EXHAUST DUCT DOWN. REFER TO M210D FOR CONTINUATION.
26	LOCATION OF DOAS-D1 SUPPLY DUCT STATIC SENSOR.

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

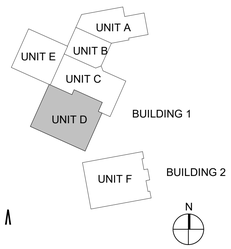
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: D.E.B.
Drawn By: N.J.H.
Checked By: A.M.M.
Date: 01.28.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



SECOND FLOOR
DUCTWORK PLAN - UNIT D

M220D

GENERAL NOTES:

A. COORDINATE INSTALLATION OF OUTDOOR AIR INTAKES WITH OTHER TRADES. ALL INTAKES SHALL BE A MINIMUM OF 10'-0" AWAY FROM OTHER BUILDING EXHAUST OR VENTS.

B. COORDINATE INSTALLATION OF ALL ROOF EQUIPMENT WITH ROOFING AND METAL BUILDING CONTRACTORS TO VERIFY OPENING SIZE, CURB TYPE, AND WEIGHTS.

PLAN NOTES

#	NOTE
1	ALTERNATE A
2	INSTALL EXHAUST FAN IN APPROX. LOCATION ON ROOF. ROUTE EXHAUST DUCT DOWN.
3	INSTALL AHU-A1 IN APPROXIMATE LOCATION SHOWN. COORDINATE SUPPLY AND RETURN ROOF PENETRATIONS WITH STRUCTURE. ROUTE CONDENSATE TO NEAREST ROOF DRAIN.
4	INSTALL GRAVITY VENITLATOR IN APPROXIMATE LOCATION SHOWN. ROUTE DUCTWORK DOWN.
5	INSTALL ACCU UNIT IN LOCATION SHOWN. ROUTE REFRIGERANT PIPING AND CONTROL/POWER WIRING TO ASSOCIATED AC UNIT. FOR EXPOSED PIPING OUTSIDE, INSULATE PIPING AND PROVIDE UV RESISTANT PVC JACKET. CONTROL/POWER WIRING SHALL BE INSTALLED IN CONDUIT.
6	10" FLUE DUCT FROM BOILER THROUGH ROOF. TERMINATE WITH WEATHERPROOF CAP PER MANUFACTURER RECOMMENDATIONS.
7	10" COMBUSTION AIR DUCT FROM BOILER THROUGH ROOF. TERMINATE WITH GOOSENECK PER MANUFACTURER RECOMMENDATIONS.
8	INSTALL ACCU UNIT IN LOCATION SHOWN. ROUTE REFRIGERANT PIPING AND CONTROL/POWER WIRING TO ASSOCIATED AC UNIT. FOR EXPOSED PIPING OUTSIDE, INSULATE PIPING AND PROVIDE UV RESISTANT PVC JACKET. CONTROL/POWER WIRING SHALL BE INSTALLED IN CONDUIT.

A1

1 OVERALL ROOF MECHANICAL PLAN
1/16" = 1'-0"

0 4' 8' 16'

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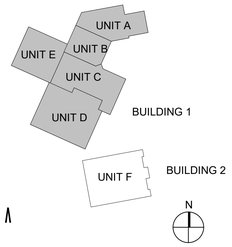
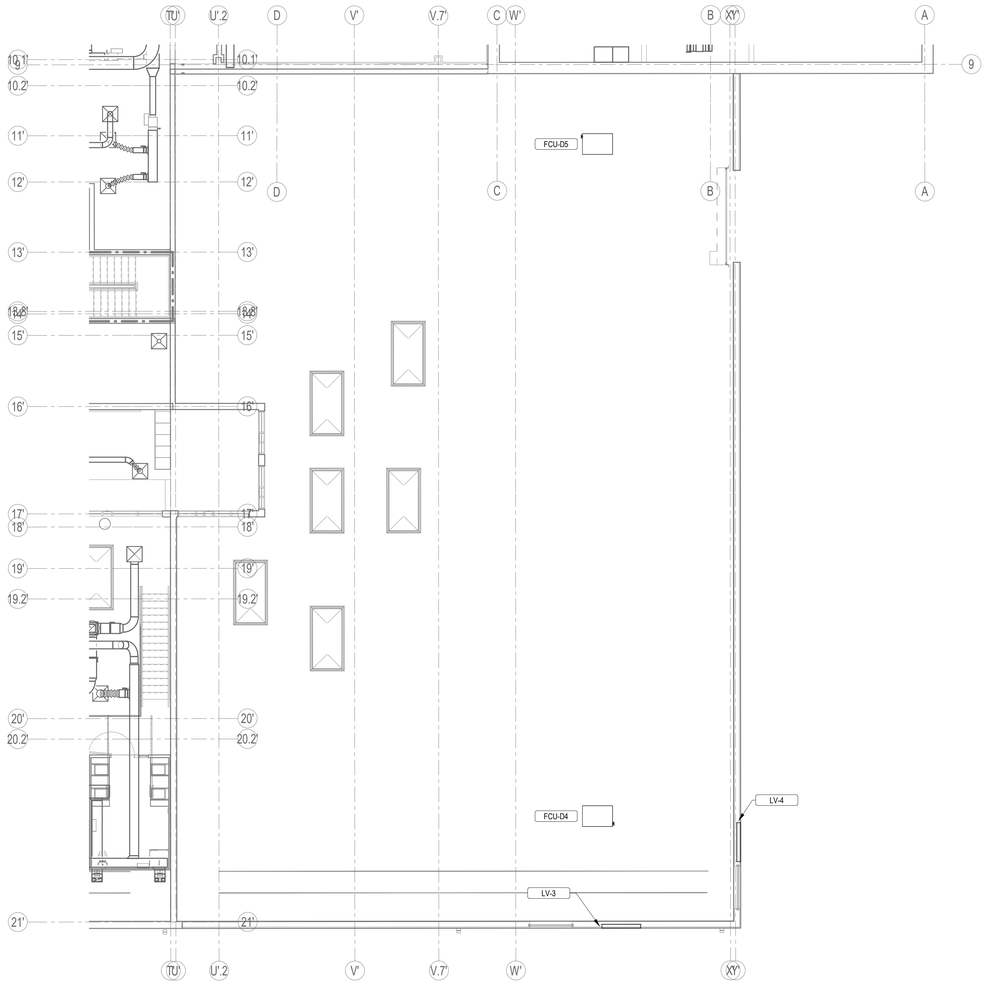


ROOF MECHANICAL PLAN

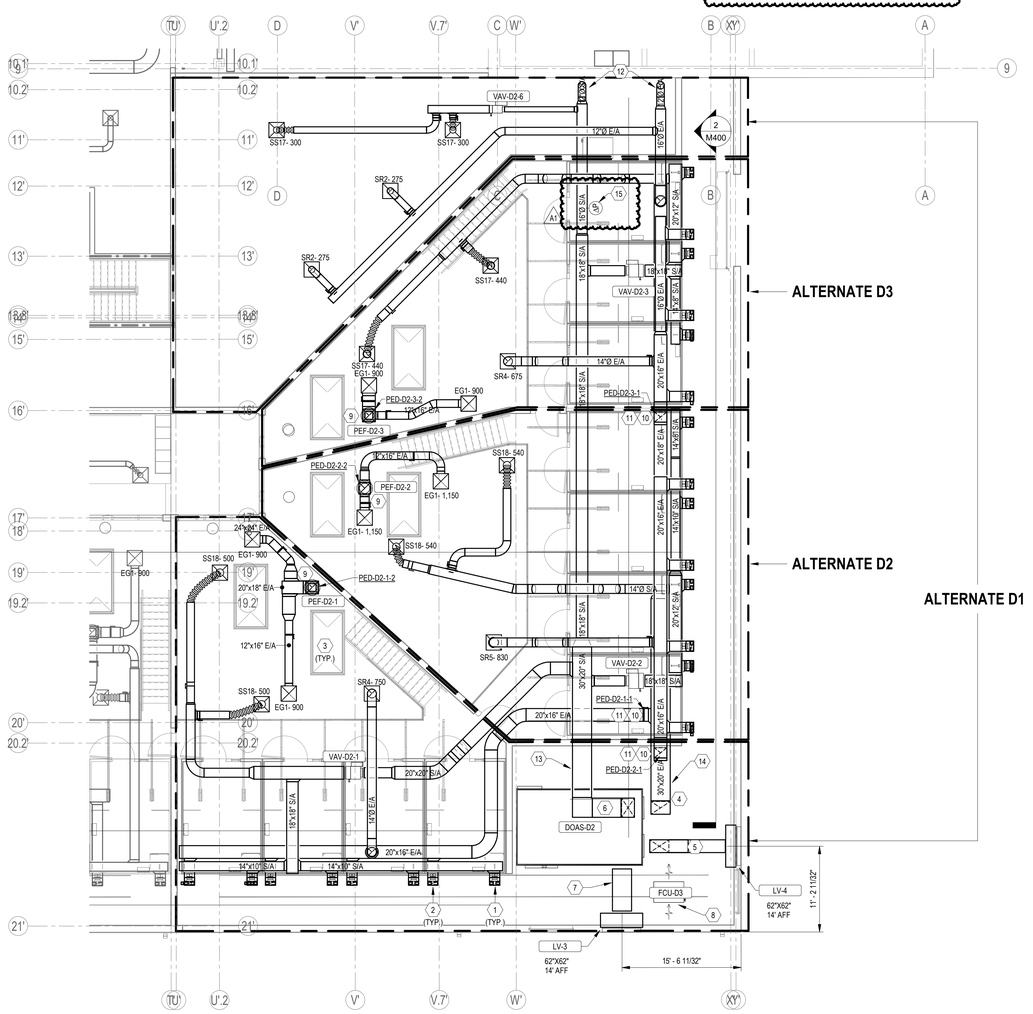
M230

PLAN NOTES

#	NOTE
1	CONNECT 8" DIA EXHAUST DUCT TO 4 MAN CELL EXHAUST CONNECTION. PROVIDE 8" ROUND MANUAL DAMPER AT CONNECTION AND BALANCE TO 150 CFM. ROUTE 4"X14" EXHAUST DUCT DOWN. REFER TO M210D FOR CONTINUATION.
2	CONNECT 8" DIA SUPPLY DUCT TO 4 MAN CELL SUPPLY CONNECTION. PROVIDE 8" ROUND MANUAL DAMPER AT CONNECTION AND BALANCE TO 130 CFM. ROUTE 4"X14" EXHAUST DUCT DOWN. REFER TO M210D FOR CONTINUATION.
3	AVOID ROUTING DUCTWORK AND EQUIPMENT UNDERNEATH SKYLIGHT. COORDINATE WITH ROOF MANUFACTURER IN THE FIELD TO VALIDATE PRECISE LOCATION OF SKYLIGHT.
4	30"X20" RETURN DOWN TO DOAS-D2. REFER TO M210D FOR CONTINUATION.
5	30"X26" OUTSIDE AIR DOWN TO DOAS-D2. REFER TO M210D FOR CONTINUATION.
6	30"X20" SUPPLY AIR DOWN TO DOAS-D2. CONNECT DUCT TO DOAS-D1. TRANSITION AS REQUIRED TO AHU SUPPLY CONNECTION. REFER TO DETAIL 3/M800.
7	30"X24" EXHAUST DOWN TO DOAS-D2. CONNECT DUCT TO DOAS-D1. TRANSITION AS REQUIRED TO AHU EXHAUST CONNECTION. REFER TO DETAIL 3/M800.
8	INSTALL FCU AT APPROX. 14'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
9	18"X18" EXHAUST DUCT UP TO POD EXHAUST FAN ON ROOF. PROVIDE MOTORIZED DAMPER IN RISER. REFER TO M905 FOR SEQUENCE OF OPERATION.
10	PROVIDE TEMPERATURE SENSOR IN EXHAUST DUCT FROM DAYROOM FOR TEMPERATURE CONTROL.
11	PROVIDE MOTORIZED DAMPER FOR POD EXHAUST SYSTEM. REFER TO M905 FOR SEQUENCE OF OPERATION.
12	12" DIA. SUPPLY AND EXHAUST DUCT DOWN. REFER TO M290D FOR CONTINUATION.
13	LOCATION OF DOAS-D2 SUPPLY DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
14	LOCATION OF DOAS-D2 RETURN DUCT DETECTOR. PROVIDED AND INSTALLED BY EC.
15	LOCATION OF DOAS-D2 SUPPLY DUCT STATIC SENSOR.



1 CONTROL ROOM / MEZZANINE DUCTWORK PLAN - UNIT D_ALTERNATE D
1/8" = 1'-0"



2 CONTROL ROOM / MEZZANINE DUCTWORK PLAN - UNIT D_ALTERNATES D1-D3
1/8" = 1'-0"

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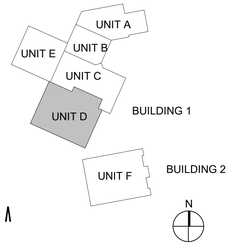
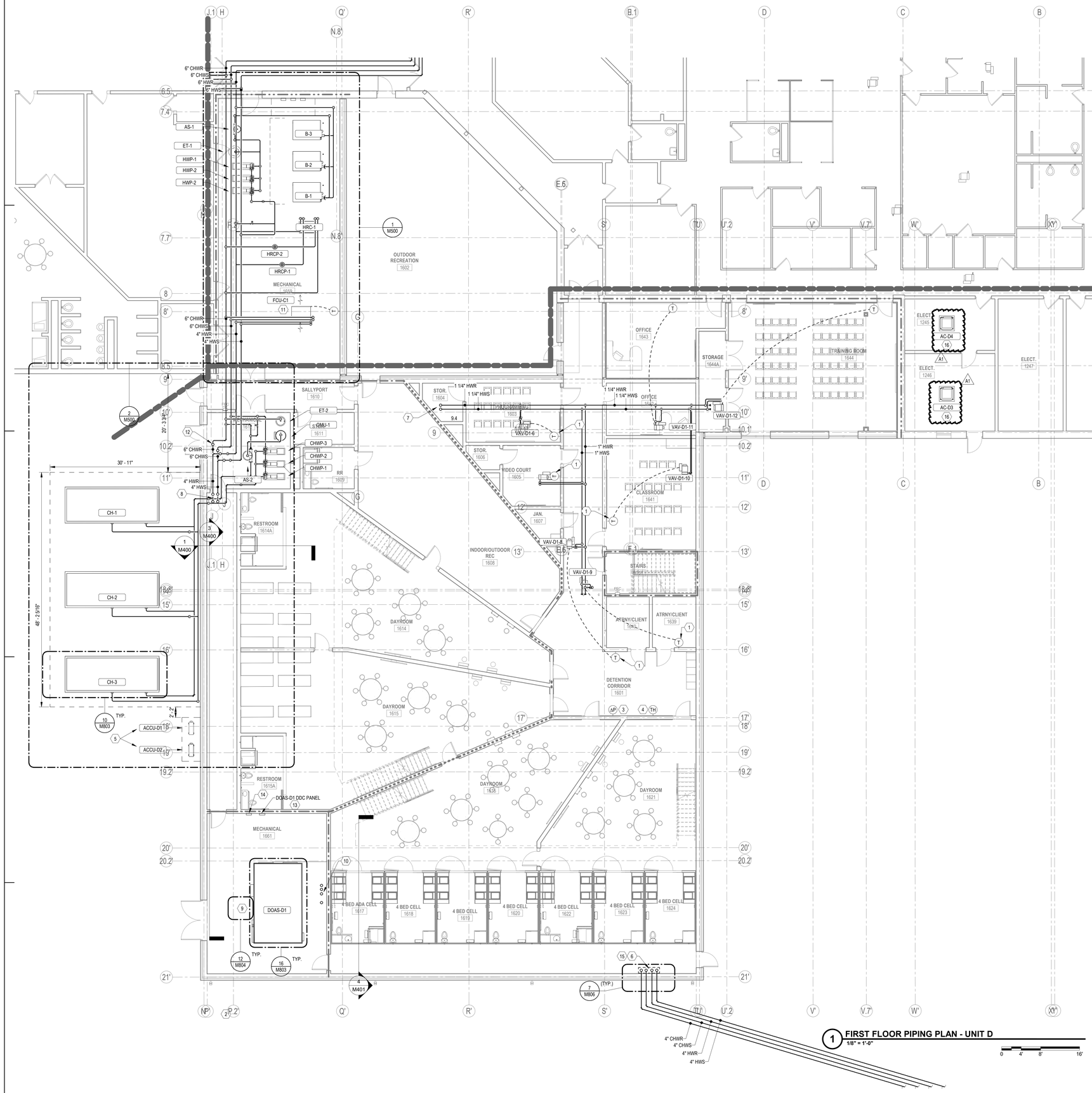


MECHANICAL DUCTWORK PLANS - UNIT D - ALTERNATE BIDS

M291D



1 FIRST FLOOR PIPING PLAN - UNIT D
1/8" = 1'-0"

0 4' 8' 16'

GENERAL NOTES:

A. ALL HWS&R PIPING SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE.

B. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT, DUCTWORK OR PIPING. UNLESS NOTED OTHERWISE.

C. DETERMINE LINE LENGTH OF REFRIGERANT PIPING AND REFER TO MANUFACTURES INSTALLATION MANUAL FOR PREFERED PIPE SIZING, INSULATION AND SPECILIATIES REQUIRED.

D. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

E. COORDINATE ANY AND ALL PENETRATIONS OF PRECAST WALL WITH PRECAST PANEL MANUFACTURER.

F. REFER TO VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE FOR PIPE RUNOUT SIZE UNLESS NOTED OTHERWISE.

PLAN NOTES

#	NOTE
1	PROVIDE THERMOSTAT WITH TAMPER PROOF LOCKBOX.
2	CONNECT 4" CWS&R AND 2 1/2" HWS&R DOWN TO DOAS-D1. INSTALL CONTROL VALVE AND ALL COIL ACCESSORIES IN CHASE. REFER TO M310D FOR CONTINUATION.
3	LOCATION OF SPACE DIFFERENTIAL PRESSURE SENSOR FOR DOAS-D1.
4	LOCATION OF SPACE THERMOSTAT AND HUMIDITY SENSOR FOR DOAS-D1.
5	INSTALL ACCU UNIT IN LOCATION SHOWN. ROUTE REFRIGERANT PIPING AND CONTROL/POWER WIRING TO ASSOCIATED AC UNIT. FOR EXPOSED PIPING OUTSIDE, INSULATE PIPING AND PROVIDE UV RESISTANT PVC JACKET. CONTROL/POWER WIRING SHALL BE INSTALLED IN CONDUIT.
6	4" CWS/R AND 4" HWS/R UP. REFER TO M320D FOR CONTINUATION. 4" CWS/R AND 4" HWS/R DOWN TO UNDERGROUND RUN TO COMMUNITY CORRECTIONS BUILDING. REFER TO M316F FOR CONTINUATION. REFER TO SITE / CIVIL DRAWINGS FOR UNDERGROUND ROUTING.
7	1 1/4" HWS/R UP. REFER TO M320D FOR CONTINUATION.
8	4" HWS/R AND 6" CWS/R UP. REFER TO M320D FOR CONTINUATION.
9	INSTALL DOAS-D1 IN LOCATION SHOWN. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
10	CONNECT 4" CHWS/R AND 2" HWS/R TO DOAS-D1. INSTALL CONTROL VALVE AND ALL COIL ACCESSORIES IN CHASE IN A LOCATION ACCESSIBLE FROM BELOW.
11	INSTALL FCU AT APPROX. 9'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
12	1" HWS/R AND 1" CHWS/R UP TO FCU. REFER TO M320D FOR CONTINUATION.
13	INSTALL BAS CONTROL PANEL IN APPROXIMATE LOCATION INDICATED. COORDINATE 120V/1P POWER WITH EC.
14	APPROXIMATE LOCATION OF VAV BOX POWER SUPPLY. COORDINATE WITH EC.
15	PROVIDE BTU ENERGY METER FOR CHWS/R AND HWS/R TO MONITOR AND CALCULATE ENERGY USAGE AND COST FROM THE COMMUNITY CORRECTIONS BUILDING. PROVIDE A METER WITH A BACNET CARD THAT CAN CALCULATE ENERGY USAGE SUCH THAT THE JAIL CAN BILL THE COMMUNITY CORRECTIONS FOR THEIR ENERGY USAGE.
16	INSTALL AC UNIT IN LOCATION INDICATED. ROUT FLOOR DRAIN CONDENSATE TO NEAREST FLOOR DRAIN. ASSOCIATED ACCU UNIT ON ROOF ABOVE.

A1

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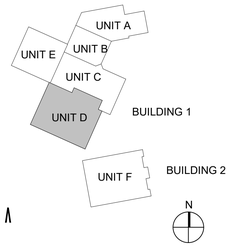
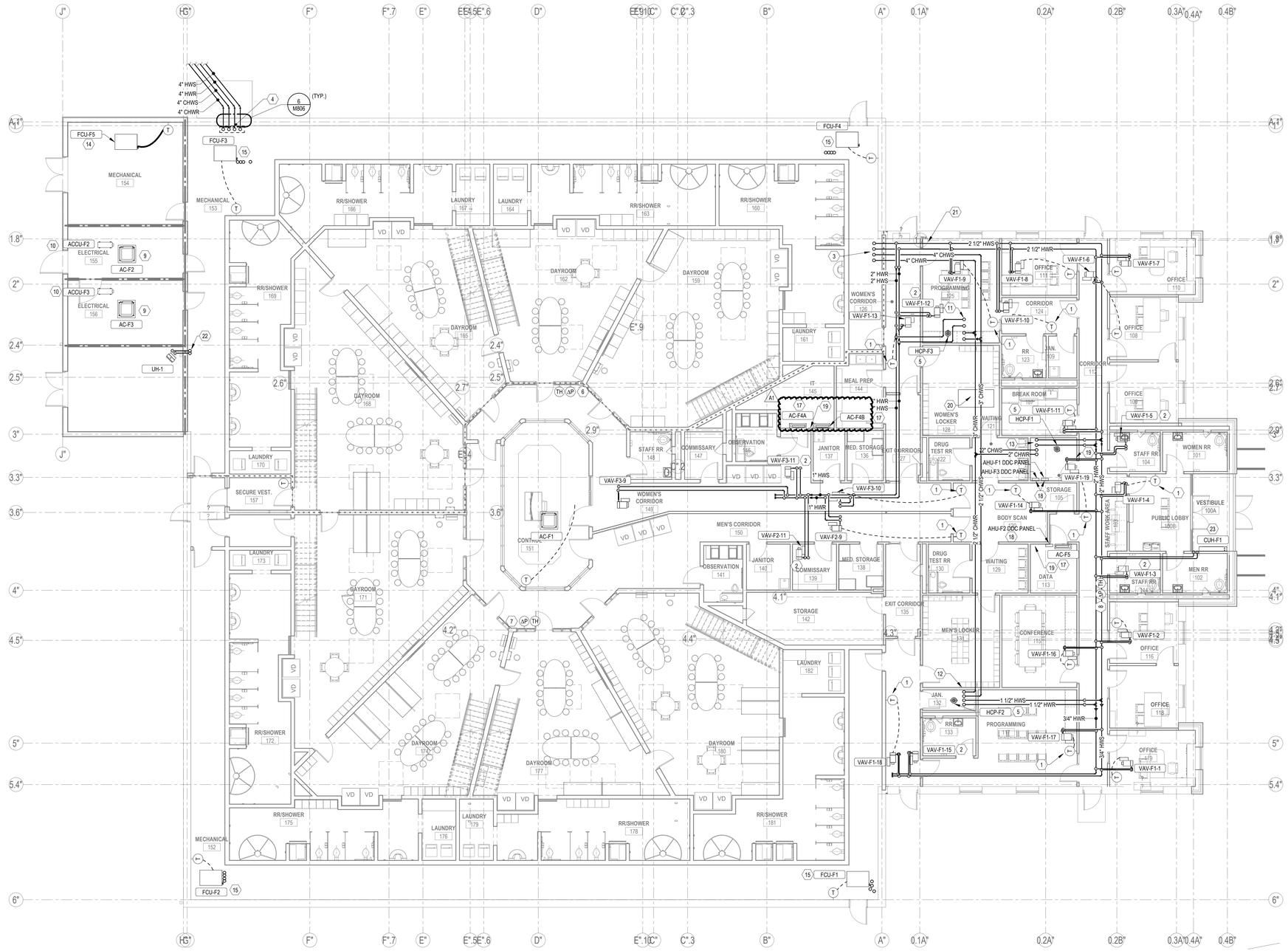


FIRST FLOOR PIPING PLAN - UNIT D

M310D



1 FIRST FLOOR PIPING PLAN - UNIT F
1/8" = 1'-0"

GENERAL NOTES:

A. ALL HWS&R PIPING SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE.

B. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT, DUCTWORK OR PIPING. UNLESS NOTED OTHERWISE.

C. DETERMINE LINE LENGTH OF REFRIGERANT PIPING AND REFER TO MANUFACTURES INSTALLATION MANUAL FOR PREFERED PIPE SIZING, INSULATION AND SPECILIATIES REQUIRED.

D. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

E. COORDINATE ANY AND ALL PENETRATIONS OF PRECAST WALL WITH PRECAST PANEL MANUFACTURER.

F. REFER TO VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE FOR PIPE RUNOUT SIZE UNLESS NOTED OTHERWISE.

PLAN NOTES

#	NOTE
1	PROVIDE THERMOSTAT WITH TAMPER PROOF LOCKBOX.
2	LOCATE THERMOSTATE FOR VAV BOX IN ASSOCIATED EXHAUST MAIN BACK TO AHU. REFER TO DUCTWORK PLANS FOR LOCATIONS.
3	4" CWS&R AND 3" HW&R UP. REFER TO M320F FOR CONTINUATION.
4	4" CWS&R AND 4" HWS&R FROM UNDERGROUND RUN TO JAIL BUILDING. 4" CWS&R AND 4" HWS&R UP. REFER TO M320F FOR CONTINUATION. REFER TO SITE / CIVIL DRAWINGS FOR UNDERGROUND ROUTING.
5	PIPE HEATING COIL CIRCULATION PUMP ACCORDING TO DETAIL #9 ON DRAWING M804.
6	LOCATION OF SPACE DIFFERENTIAL PRESSURE SENSOR AND SPACE THERMOSTAT/HUMIDITY SENSOR FOR AHU-F3.
7	LOCATION OF SPACE DIFFERENTIAL PRESSURE SENSOR AND SPACE THERMOSTAT/HUMIDITY SENSOR FOR AHU-F2.
8	LOCATION OF SPACE DIFFERENTIAL PRESSURE SENSOR AND SPACE THERMOSTAT/HUMIDITY SENSOR FOR AHU-F1.
9	INSTALL AC UNIT IN CEILING IN LOCATION INDICATED. ROUT PUMPED CONDENSATE TO NEAREST FLOOR DRAIN. ASSOCIATED ACCU UNIT ON GRADE OUTSIDE.
10	INSTALL ACCU UNIT ON ROOF IN LOCATION SHOWN. ROUTE REFRIGERANT PIPING AND CONTROL/POWER WIRING TO ASSOCIATED AC UNIT. FOR EXPOSED PIPING OUTSIDE, INSULATE PIPING AND PROVIDE UV RESISTANT PVC JACKET. CONTROL/POWER WIRING SHALL BE INSTALLED IN CONDUIT.
11	2 1/2" CHWS/R AND 1 1/2" HWS/R UP TO AHU-F2 ON ROOF. INSTALL CONTROL VALVE AND ALL COIL ACCESSORIES IN CEILING ABOVE PROGRAMMING ROOM. ENSURE ALL VALVES ARE WITHIN 3'-0" FROM THE CEILING GRID TO MAINTAIN ACCESS FROM BELOW. REFER TO M230F FOR CONTINUATION.
12	2 1/2" CHWS/R AND 1 1/2" HWS/R UP TO AHU-F2 ON ROOF. INSTALL CONTROL VALVE AND ALL COIL ACCESSORIES IN CEILING ABOVE JANITOR ROOM. ENSURE ALL VALVES ARE WITHIN 3'-0" FROM THE CEILING GRID TO MAINTAIN ACCESS FROM BELOW. REFER TO M230F FOR CONTINUATION.
13	2" CHWS/R AND 2" HWS/R UP TO AHU-F1 ON ROOF. INSTALL CONTROL VALVE AND ALL COIL ACCESSORIES IN CEILING ABOVE LOCKER ROOM. ENSURE ALL VALVES ARE WITHIN 3'-0" FROM THE CEILING GRID TO MAINTAIN ACCESS FROM BELOW. REFER TO M230F FOR CONTINUATION.
14	INSTALL FCU AT APPROX. 9'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
15	INSTALL FCU AT APPROX. 14'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
17	INSTALL AC UNIT ON WALL 7'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
18	INSTALL BAS CONTROL PANEL IN APPROXIMATE LOCATION INDICATED. COORDINATE 120V/1P POWER WITH EC.
19	APPROXIMATE LOCATION OF VAV BOX POWER SUPPLY. COORDINATE WITH EC.
20	LOCATION OF CHW DIFFERENTIAL PRESSURE SENSOR.
21	LOCATION OF HW DIFFERENTIAL PRESSURE SENSOR.
22	3/4" HWS/R UP. REFER TO M320F FOR CONTINUATION.
23	INSTALL WALL UNIT HEATER 18" AFF. REFER TO MANUFACTURER FOR MINIMUM HEIGHT AND CLEARANCE REQUIREMENTS.

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KNOX COUNTY BOARD OF COMMISSIONERS

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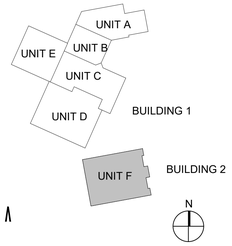
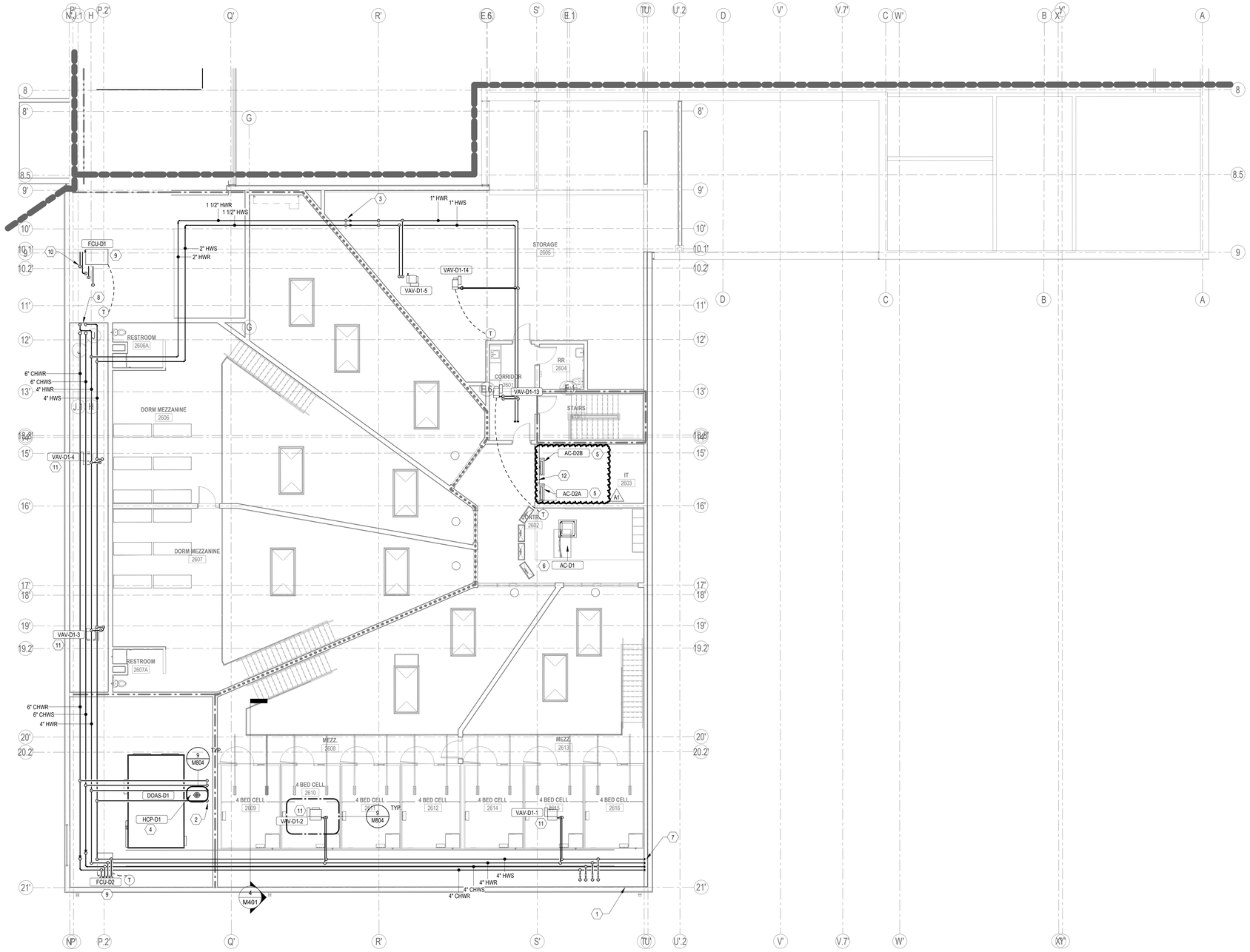


FIRST FLOOR PIPING PLAN - UNIT F

M310F



GENERAL NOTES:

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B. ALL ABOVE FINISH FLOOR (A.F.F.) DIMENSIONS ARE TO BE MEASURED TO BOTTOM OF EQUIPMENT, DUCTWORK OR PIPING. UNLESS NOTED OTHERWISE.

C. DETERMINE LINE LENGTH OF REFRIGERANT PIPING AND REFER TO MANUFACTURES INSTALLATION MANUAL FOR PREFERED PIPE SIZING, INSULATION AND SPECILIATIES REQUIRED.

D. COORDINATE WITH GENERAL CONTRACTOR TO ENSURE THAT ALL DUCTWORK AND PIPING IS ROUTED SO AS TO NOT INTERFERE WITH SKYLIGHTS IN ALL LOCATIONS.

E. COORDINATE ANY AND ALL PENETRATIONS OF PRECAST WALL WITH PRECAST PANEL MANUFACTURER.

F. REFER TO VARIABLE AIR VOLUME TERMINAL UNIT SCHEDULE FOR PIPE RUNOUT SIZE UNLESS NOTED OTHERWISE.

PLAN NOTES

#	NOTE
1	ROUTE 4" CHWS/R AND 4" HWS/R DOWN WALL. CHWS/R AND HWS/R WILL ENTER A PIPE VAULT TO ROUTE ACROSS PROPERTY TO COMMUNITY CORRECTIONS BUILDING.
2	CONNECT 4" CHWS/R AND 2" HWS/R DOWN TO DOAS-D1. INSTALL CONTROL VALVE AND ALL COIL ACCESSOREIES IN CHASE IN A LOCATION ACCESSIBLE FROM BELOW.
3	1 1/4" HWS/R DOWN. REFER TO M310D FOR CONTINUATION.
4	PIPE HEATING COIL CIRCULATION PUMP ACCORDING TO DETAIL #9 ON DRAWING M804.
5	INSTALL AC UNIT ON WALL 9'-0" AFF. ROUTE PUMPED CONDENSATE TO THE NEAREST FLOOR DRAIN. ASSOCIATED ACCU UNIT ON GRADE.
6	INSTALL AC UNIT IN CEILING. ROUTE PUMPED CONDENSATE TO THE NEAREST FLOOR DRAIN. ASSOCIATED ACCU UNIT ON GRADE.
7	CAP PIPING FOR FUTURE BUILDOUT.
8	4" HWS/R AND 3" CWS/R DOWN. REFER TO M310D FOR CONTINUATION.
9	INSTALL FCU AT APPROX. 14'-0" AFF. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
10	1" HWS/R AND 1" CHWS/R DOWN. REFER TO M310D FOR CONTINUATION.
11	LOCATE THERMOSTAT FOR VAV BOX IN ASSOCIATED EXHAUST MAIN BACK TO AHU. REFER TO DUCTWORK PLANS FOR LOCATIONS.
12	APPROXIMATE LOCATION OF VAV BOX POWER SUPPLY. COORDINATE WITH EC.

1 **CONTROL ROOM / MEZZANINE PIPING PLAN - UNIT D**
1/8" = 1'-0"

0 4' 8' 16'

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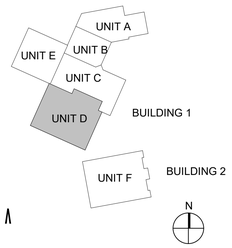


SECOND FLOOR PIPING PLAN - UNIT D

M320D

AIR HANDLING UNIT SYSTEM INDEX SCHEDULE

1. AHU TO HAVE SINGLE POINT CONNECTION FOR 460/3 POWER AND A SEPARATE CONNECTION FOR 120/1.
2. MOUNT AHU ON MINIMUM 6" HIGH CONCRETE PAD WHICH EXTENDS 6" BEYOND PERIMETER OF AHU.
3. MOUNT AHU ON MINIMUM 28" HIGH ROOF CURB.
4. MOUNT AHU ON MINIMUM 28" HIGH ROOF CURB. SLOPE WITH ROOF AS REQUIRED 1/4" PER 1'.
5. MOUNT ERV ON MINIMUM 12" HIGH ROOF CURB. SLOPE WITH ROOF AS REQUIRED 1/4" PER 1'. A1
6. DOAS UNIT TO BE PROVIDED WITH FACTORY CONTROLS WITH BACNET INTERFACE. SEE DOAS UNIT SPECIFICATION.

MARK	LOCATION		SYSTEM TYPE	AREA SERVED	FAN		TOTAL CFM	OA CFM	PREHEAT COIL	REHEAT COIL	COOLING COIL	DX HEAT RECOVERY COIL	FILTERS	SOUND ATTENUATOR	PLATE & FRAME HEAT EXCHANGER	OPERATING WEIGHT (LBS)	DIMENSIONS			VOLTAGE	PHASE	Hz	EMERGENCY POWER	FLA	MCA	MOCP	DESIGN REFERENCE		NOTES
	NAME				SUPPLY FAN	RETURN FAN											L	W	H								MANUFACTURER	MODEL	
AHU-A1	ROOF	VAV	UNIT A INTAKE/BOOKING		SF-A1-A/B	RF-A1-A/B	6000	3000	PHC-A1	-	CC-A1	-	FF-A1	SA-A1-A/B	-	8,000	400	66	48	480	3	60	Yes	19.4	20.9	25	PACE	PAO-45X66	1,3
DOAS-D1	MECHANICAL	DOAS	UNIT D POD		SF-D1-A/B/C	RF-D1-A/B	14500	14500	PHC-D1	-	CC-D1	-	OF-D1, RF-D1	SA-D1-A/B	HE-D1	16,900	198	120	251	480	3	60	Yes	-	55.3	60	INNOVENT	ERU-SS-PL-14500-HW-SL-460 ERU-SS-14500-CW-SL-460	1,2,6
DOAS-D2	MECHANICAL	DOAS	UNIT D POD		SF-D2-A/B	RF-D2-A/B	7500	7500	PHC-D2	-	CC-D2	-	OF-D2, RF-D2	SA-D1-A/B	HE-D2	11,800	180	120	182	480	3	60	Yes	-	33.9	40	INNOVENT	ERU-SS-PL-7500-HW-SL-460 ERU-SS-7500-CW-SL-460	1,2,6
AHU-F1	ROOF	VAV	UNIT F ADMIN		SF-F1-A/B	RF-F1-A	6000	1800	PHC-F1	-	CC-F1	-	PF-F1	SA-F1-A/B	-	7,750	399	72	45	480	3	60	No	23.6	26	30	PACE	PAO-39X72	1,4
AHU-F2	ROOF	VAV	UNIT F POD		SF-F2-A/B	RF-F2-A/B	7500	3000	PHC-F2	-	CC-F2	-	PF-F2	SA-F2-A/B	-	9,000	409	78	48	480	3	60	No	23.6	26	30	PACE	PAO-51x63	1,4
AHU-F3	ROOF	VAV	UNIT F POD		SF-F3-A/B	RF-F3-A/B	7500	3000	PHC-F3	-	CC-F3	-	PF-F3	SA-F3-A/B	-	9,000	409	78	48	480	3	60	No	23.6	26	30	PACE	PAO-51x63	1,4
ERV-F4	ROOF	ERV	UNIT F POD		SF-F4-A/B	RF-F4-A/B	6500	6000	-	-	-	-	PF-ERV	-	HE-F1	2,500	96	87	72	480	3	60	No	24.4	30.5	35	MULTISTACK	AURAGREEN	1,5

A1

AHU ENTHALPIC CORE HEAT EXCHANGER SCHEDULE

MARK	LOCATION	OA MIN FLOW (CFM)	EXHAUST AIRFLOW (CFM)	SUMMER DESIGN ENERGY RECOVERY										WINTER DESIGN ENERGY RECOVERY										FROST CONTROL	EFFECTIVNESS		MANUFACTURER	MODEL NUMBER	REMARKS
				OUTSIDE AIR					EXHAUST AIR					OUTSIDE AIR					EXHAUST AIR										
				EAT		LAT			EAT		LAT			EAT		LAT			EAT		LAT								
				DB (°F)	WB (°F)	DB (°F)	WB (°F)	APD (in-wg)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	APD (in-wg)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	APD (in-wg)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	APD (in-wg)		SUMMER	WINTER			
HE-D1	DOAS-D1	14500	14500	95.0	78.0	82.3	70.7	1.13	75.0	50.0	87.8	71.5	1.13	-10.0	-10.9	40.9	33.5	1.13	70.0	30.0	19.4	19.4	1.13	BYPASS AT 28.8 F	62%	63%	INNOVENT	H-1-50B-2250	
HE-D2	DOAS-D2	7500	7500	95.0	78.0	82.0	70.7	0.96	75.0	50.0	88.1	72.0	0.96	-10.0	-10.9	42.2	34.2	0.96	70.0	30.0	18.1	18.1	0.96	BYPASS AT 28.8 F	62%	63%	INNOVENT	H-1-50B-1500	
HE-F1	ERV-F4	6000	6500	95.0	78.0	81.0	70.6	1.33	75.0	63.0	88.3	71.2	1.45	-10.0	-11.0	46.1	26.2	1.33	70.0	35.0	17.1	4.2	1.14	BYPASS AT 28.8 F	53.6	76.5	AURAGREEN	EXC-750-355-250-ND-O	

AHU RETURN/EXHAUST FAN SCHEDULE

1. PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
2. FAN SHALL HAVE OUTLET GUARD.
3. FAN SHALL HAVE BLANK-OFF PLATE PROVIDED BY MANUFACTURER FOR FAN ISOLATION.

MARK	LOCATION	FAN DESCRIPTION	AIRFLOW OF EACH FAN	PRESSURE OF EACH FAN		TYPE	CLASS	WHEEL TYPE	FAN RPM	BHP	VARIABLE CONTROL TYPE	MOTOR				MCA	MOCP	MOTOR	SOUND POWER (MAX. DB) PER OCTAVE BAND (NOTE: INLET SOUND FOR RETURN AND EXHAUST FANS)								DESIGN REFERENCE		NOTES
				ESP	TSP							HP	RPM	VOLT	PH			DIRECT DRIVE	63HZ	125HZ	250HZ	500 HZ	1000HZ	2000HZ	4000HZ	8000HZ	MANUFACTURER	MODEL	
RF-A1-A/B	AHU-A1	RETURN	3000	1.75	2.60	AF	II	SWSI	2900	2.20	VFD	3.00	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
RF-D1-A/B	DOAS-D1	EXHAUST	7250	3.90	4.20	PLENUM	II	SWSI	1815	6.80	VFD	10.00	1800	460	3	-	-	Yes	-	-	-	-	-	-	-	-			1, 2, 3
RF-D2-A/B	DOAS-D2	EXHAUST	3750	3.73	4.03	PLENUM	II	SWSI	2109	3.40	VFD	5.00	1800	460	3	-	-	Yes	-	-	-	-	-	-	-	-			1, 2, 3
RF-F1-A/B	AHU-F1	RETURN	3000	1.75	2.85	AF	II	SWSI	4995	3.40	VFD	5.00	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
RF-F2-A/B	AHU-F2	RETURN	3750	1.75	2.79	AF	II	SWSI	4275	3.90	VFD	5.00	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
RF-F3-A/B	AHU-F3	RETURN	3750	1.75	2.79	AF	II	SWSI	4275	3.90	VFD	5.00	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
RF-F4-A/B	ERV-F4	EXHAUST	6500	1.75	4.20	PLENUM	II	SWSI	2401	4.30	VFD	4.63	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-			1, 2, 3

AHU SUPPLY FAN SCHEDULE

1. PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
2. FAN SHALL HAVE OUTLET GUARD.
3. FAN SHALL HAVE BLANK-OFF PLATE PROVIDED BY MANUFACTURER FOR FAN ISOLATION.

MARK	LOCATION	AIRFLOW OF EACH FAN	PRESSURE OF EACH FAN		TYPE	CLASS	WHEEL TYPE	FAN RPM	MAX. BHP	VARIABLE CONTROL TYPE	MOTOR				MCA	MOCP	MOTOR	SOUND POWER (MAX. DB) PER OCATEVE BAND (NOTE: OUTLET SOUND FOR SUPPLY FANS)								DESIGN REFERENCE		NOTES
			ESP (in-wg)	TSP (in-wg)							HP	RPM	VOLT	PH			DIRECT DRIVE	63HZ	125HZ	250HZ	500 HZ	1000HZ	2000HZ	4000HZ	8000HZ	MANUFACTURER	MODEL	
SF-A1-A/B	AHU-A1	3000	2.00	4.66	AF	II	SWSI	3293	3.39	VFD	5.00 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
SF-D1-A/B/C	DOAS-D1	4834	4.19	5.73	PLENUM	II	SWSI	3213	6.30	VFD	7.50 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-			1, 2, 3
SF-D2-A/B	DOAS-D2	3750	4.01	5.43	PLENUM	II	SWSI	3250	4.50	VFD	7.50 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-			1, 2, 3
SF-F1-A/B	AHU-F1	3000	2.00	4.54	AF	II	SWSI	3984	3.67	VFD	5.00 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
SF-F2-A/B	AHU-F2	3750	2.00	4.74	AF	II	SWSI	3728	4.68	VFD	5.00 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
SF-F3-A/B	AHU-F3	3750	2.00	4.74	AF	II	SWSI	3728	4.68	VFD	5.00 hp	3600	460	3	-	-	Yes	-	-	-	-	-	-	-	-	LAU	DDPG2	1, 2, 3
SF-F4-A/B	ERV-F4	6000	0.75	3.00	PLENUM	II	SWSI	2401	4.23	VFD	4.63 hp	2890	460	3	-	-	Yes	-	-	-	-	-	-	-	-	-	GKRM-355	1, 2, 3

AHU CHILLED WATER COOLING COIL SCHEDULE

MARK	LOCATION	CFM	CAPACITY (MBH)		MAX. FACE VELOCITY (FPM)	MAX. APD (IN. W.G.)	# OF ROWS	# OF COILS	COIL SIZE		MAX. FINS PER INCH	ENTERING AIR TEMPERATURE		LEAVING AIR TEMPERATURE		CIRCULATING FLUID					NOTES
			TOTAL	SENSIBLE					WIDTH (IN.)	HEIGHT (IN.)		DB (°F)	WB (°F)	DB (°F)	WB (°F)	FLUID	GPM	ENTERING (°F)	LEAVING (°F)	MAX WPD (FT. HD.)	
CC-A1	AHU-A1	6000	292	190	492	1.27	10	1	66"	42"	11	83.5	69.0	51.9	51.8	30% PG	40.9	40	55	17.9	
CC-D1	DOAS-D1	14500	867	485	458	1.14	10	2	56"	54"	7	82.3	70.7	51.9	51.9	30% PG	122	40	55	23.9	
CC-D2	DOAS-D2	7500	448	248	426	1.02	10	1	56"	64"	7	82.0	70.7	52.0	52.0	30% PG	64	40	55	19.6	
CC-F1	AHU-F1	6000	484	228	167	1.00	8	1	59"	30"	11	78.9	65.4	52.5	52.2	30% PG	32	40	55	14.2	
CC-F2	AHU-F2	7500	325	224	510	1.32	10	1	50"	42"	11	81.2	67.2	52.1	52.0	30% PG	49.8	40	55	14.7	
CC-F3	AHU-F3	7500	325	224	510	1.32	10	1	50"	42"	11	81.2	67.2	52.1	52.0	30% PG	49.8	40	55	14.7	

AHU HEATING WATER COIL SCHEDULE

MARK	LOCATION	TYPE	CFM	SENSIBLE HEATING CAPACITY (MBH)	MAX. FACE VELOCITY (FPM)	MAX.APD (IN. W.G.)	# OF ROWS	# OF COILS	COIL SIZE		MAX. FINS PER INCH	EAT	LAT	CIRCULATING FLUID					NOTES
									WIDTH (IN.)	HEIGHT (IN.)		DB (°F)	DB (°F)	FLUID	GPM	ENTERING (°F)	LEAVING (°F)	MAX. WPD (FT. HD.)	
	UH-1		150				1				10	60.0	110			140	110	0.2	
	CUH-F1		560			0.00	1				10	62.0	107			140	110	2.1	
PHC-A1	AHU-A1	VERTICAL	6000	283	492	0.21	2	1	53"	33"	8	17.0	59.6	WATER	19.3	140	110	8.6	
PHC-D1	DOAS-D1	VERTICAL	14500	583	478	0.14	2	2	52"	52"	6	23.0	60.1	WATER	39.2	140	110	11.9	
PHC-D2	DOAS-D2	VERTICAL	7500	301	469	0.14	2	1	52"	68"	6	23.0	60.1	WATER	20.3	140	110	9.7	
PHC-F1	AHU-F1	VERTICAL	6000	127	302	0.06	1	1	59"	30"	9	30.6	60.5	WATER	8.6	140	110	2.4	
PHC-F2	AHU-F2	VERTICAL	7500	223	350	0.09	1	1	50"	42"	12	22.6	60.1	WATER	15.1	140	110	6.3	
PHC-F3	AHU-F3	VERTICAL	7500	223	350	0.09	1	1	50"	42"	12	22.6	60.1	WATER	15.1	140	110	6.3	

AHU SOUND ATTENUATOR SCHEDULE

MARK	LOCATION	SYSTEM	AIRFLOW (CFM)	MAX. VELOCITY (FPM)	DIMENSIONS			MAX. APD. (IN. W.G.)	DYNAMIC INSERTION LOSS (IN DB) REQUIRED FOR GIVEN OCTAVE BAND								REMARKS
					WIDTH (IN.)	HEIGHT (IN.)	LENGTH (IN.)		63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
SA-A1-A	AHU-A1	SUPPLY	6000	691	50	25	36	0.1	3.4	5.7	14.4	22.8	25.9	23.5	17.9	11	
SA-A1-B	AHU-A1	RETURN	6000	691	50	25	36	0.1	2.5	5.7	13.5	22.1	25.2	23.5	18.9	13	
SA-D1-A	DOAS-D1	SUPPLY	14500	500	48	96	34	0.1	6	9	15	21	17	14	14	12	
SA-D1-B	DOAS-D1	RETURN	14500	500	48	96	34	0.1	6	9	15	21	17	14	14	12	
SA-D2-A	DOAS-D2	SUPPLY	7500	425	48	96	34	0.1	6	9	15	21	17	14	14	12	
SA-D2-B	DOAS-D2	RETURN	7500	425	48	96	34	0.1	6	9	15	21	17	14	14	12	
SA-F1-A	AHU-F1	SUPPLY	6000	671	56	23	36	0.1	3.4	5.7	14.4	22.8	25.9	23.5	17.9	11	
SA-F1-B	AHU-F1	RETURN	6000	671	56	23	36	0.1	2.5	5.7	13.5	22.1	25.2	23.5	18.9	13	
SA-F2-A	AHU-F2	SUPPLY	7500	696	47	33	36	0.1	3.4	5.7	14.4	22.8	25.9	23.5	17.9	11	
SA-F2-B	AHU-F2	RETURN	7500	696	47	33	36	0.1	2.5	5.7	13.5	22.1	25.2	23.5	18..9	13	
SA-F3-A	AHU-F3	SUPPLY	7500	696	47	33	36	0.1	3.4	5.7	14.4	22.8	25.9	23.5	17.9	11	
SA-F3-B	AHU-F3	RETURN	7500	696	47	33	36	0.1	2.5	5.7	13.5	22.1	25.2	23.5	18..9	13	

AHU AIR FILTER SCHEDULE

MARK	LOCATION	AIRFLOW (CFM)	EFFICIENCY MERV	FACE VELOCITY (FPM)	MAX. A.P.D.		FILTER TYPE	HOUSING TYPE	CARTRIDGES		NOTES
					INITIAL (IN-WG)	FINAL (IN-WG)			QTY	SIZE (IN.)	
FF-A1	AHU-A1	6000	MERV-8	562	0.33	1	PLEATED	GALVANIZED	1ST: 2 2ND: 2	1ST: 20X24X2 2ND: 12X24X2	
OF-D1 RF-D1	DOAS-D1	14500	MERV-8	440	0.24	1	PLEATED	GALVANIZED	1ST: 12 2ND: 10	24X24X2	
OF-D2 RF-D2	DOAS-D2	7500	MERV-8	300	0.24	1	PLEATED	GALVANIZED	8	24X20X2	
FF-F1	AHU-F1	6000	MERV-8	600	0.36	1	PLEATED	GALVANIZED	1ST: 3	1ST: 24X20X2	
FF-F2	AHU-F2	7500	MERV-8	519	0.29	1	PLEATED	GALVANIZED	1ST: 4 2ND: 2	1ST: 20X16X2 2ND: 20X20X2	
FF-F3	AHU-F3	7500	MERV-8	519	0.29	1	PLEATED	GALVANIZED	1ST: 4 2ND: 2	1ST: 20X16X2 2ND: 20X20X2	
FF-ERV	ERV-F4	6500	MERV-8	500	0.25	1	PLEATED	GALVANIZED			

REFER TO M900 SERIES FOR CONTROLS

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

Project #: 20-700-151-2

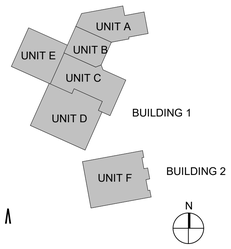
Designed By: D.E.B.

Drawn By: N.J.H.

Checked By: A.M.M.

Date: 01.28.2022

ERIC S. WEFLEN REGISTERED No. AR11500138 STATE OF INDIANA ARCHITECT



SCHEDULES - MECHANICAL

M600

FAN COIL UNIT SCHEDULE

1. PROVIDE WITH FACTORY MOUNTED AND WIRED NON-FUSED DISCONNECT SWITCH. CONTROLS TO BE FIELD INSTALLED.
2. PROVIDE WITH 2" MERV 8 FILTER.
3. PROVIDE 3-SPEED EC MOTOR W/ POTENTIOMETER.
4. FCU HEATING COILS SHALL BE SUBMITTED FOR REVIEW TO ENGINEER WITH PERFORMANCE AT BOTH 140° EAT AND 110° EAT TO EVALUATE OPERATION DURING HHW TEMPERATURE RESET.
5. PROVIDE STAINLESS STEEL DRAIN PAN, AND CONDENSATE OVERFLOW SWITCH.

	LOCATION		SUPPLY FAN DATA			COOLING COIL												HEATING COIL									UNIT ELECTRICAL DATA			DESIGN REFERENCE		
			SUPPLY CFM					WATERSIDE				AIRSIDE						WATERSIDE				AIRSIDE										
MARK	NAME	NO.	MAX	OA CFM	ESP	TOTAL BTUH	SENSIBLE BTUH	GPM	EWT (°F)	LWT (°F)	WPD (FT. HD)	EAT (db)(°F)	EAT (wb)(°F)	LAT (db)(°F)	LAT (wb)(°F)	ROWS	SENSIBLE BTUH	GPM	EWT	LWT	WPD (FT.HD.)	EAT(db)	LAT(db)	ROWS	Fan Qty	HP	MCA	VOLTS / PHASE	EMERGENCY POWER	MANUFACTURER	MODEL	REMARKS
FCU-A1	SALLYPORT	1502	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-C1	MECHANICAL	1661	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-D1	MECH ENTRY	1612	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-D2	MECHANICAL	1659	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-D3	MECHANICAL	ALT D-D4	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-D4	MECHANICAL	ALT D-D4	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-D5	MECHANICAL	ALT D-D4	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-F1	MECHANICAL	181	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-F2	MECHANICAL	181	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-F3	MECHANICAL	143	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-F4	MECHANICAL	143	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5
FCU-F5	MECHANICAL	185	1500 CFM	0 CFM	0.20 in-wg	29900.0	27400.0	4.3	40 °F	55 °F	1.7	73.0 °F	63.0 °F	58.3 °F	56.1 °F	4	77900	5.2 GPM	140 °F	110 °F	2.8 ft/H2O	50.0 °F	98.1 °F	2	2	0.25 hp	12.0 A	120/60	Yes	KRUEGER	KHGP-16	1, 2, 3, 4, 5

DX SPLIT

1. PROVIDE WIRELESS REMOTE CONTROLLER KIT FOR EACH INDOOR UNIT.
2. OUTDOOR UNIT SHALL BE RATED FOR LOW AMBIENT CONTROL DOWN TO -5 F. PROVIDE RATED CAPACITIES AS LISTED FOR COOLING AT 47F AND HEATING AT 17F.
3. PROVIDE INDOOR UNITS WITH INTEGRAL CONDENSATE PUMP AND ALARM. FOR HIGH WALL STYLE UNITS PROVIDE CONDENSATE PUMP SIMILAR TO REFCO GOBI II.
4. CONTRACTOR SHALL SIZE ALL REFRIGERANT PIPING SO AS NOT TO REDUCE RATED CAPACITY. SUBMIT REFRIGERANT PIPING DETAIL WITH SUBMITTAL.
5. INDOOR UNITS SHALL BE POWERED THROUGH OUTDOOR UNIT.
6. MOUNT OUTDOOR UNITS ON 12" HIGH ROOF RAILS OR STAND FOR GRADE MOUNTED UNITS.
7. TCC TO PROVIDE TEMPERATURE SENSOR IN ELECTRICAL / IT ROOM WITH ASSOCIATED BAS POINT FOR MONITORING ONLY.
8. PROVIDE ONE 4 TON MULTIZONE UNIT PER TWO 2 TON INDOOR UNITS.

	LOCATION			INDOOR UNIT				OUTDOOR UNIT								
MARK	NAME	NO.	MANUFACTURER	MARK	MODEL	MAX CFM	COOLING MBH	MARK	MODEL	SEER/EER	HSPF	MCA	MOCP	VOLTS/PH	EMERGENCY POWER	REMARKS
ACCU-A1	IT	1514	CARRIER	AC-A1	40MAQ	875	36	ACCU-A1	38MAQ	16/8	10	30	50	208/1	Yes	1,2,3,4,5,6,7
ACCU-D1	CONTROL	2602	CARRIER	AC-D1	40MAQ	875	24	ACCU-D1	38MAQ	20/11	11.5	15	25	208/1	Yes	1,2,3,4,5,6
ACCU-D2	IT	2603	CARRIER	AC-D2A	40MAQ	875	24	ACCU-D2	38MGR	20/11	11.5	35	50	208/1	Yes	1,2,3,4,5,6,7,8
ACCU-D2	IT	2603	CARRIER	AC-D2B	40MAQ	875	24	ACCU-D2	38MGR	20/11	11.5	35	50	208/1	Yes	1,2,3,4,5,6,7,8
ACCU-D3	ELECTRICAL	1246	CARRIER	AC-D3	40MBCQ	720	36	ACCU-D3	38MAQ	17.5/9	11.5	30	50	208/1	Yes	1,2,3,4,5,6,7
ACCU-D4	ELECTRICAL	1245	CARRIER	AC-D4	40MBCQ	600	24	ACCU-D4	38MAQ	20/11	11.5	15	25	208/1	Yes	1,2,3,4,5,6,7
ACCU-F1	CONTROL	151	CARRIER	AC-F1	40MAQ	875	24	ACCU-F1	38MAQ	20/11	11.5	15	25	208/1	Yes	1,2,3,4,5,6
ACCU-F2	ELECTRICAL	155	CARRIER	AC-F2	40MBCQ	720	36	ACCU-F2	38MAQ	17.5/9	11.5	30	50	208/1	Yes	1,2,3,4,5,6,7
ACCU-F3	ELECTRICAL	156	CARRIER	AC-F3	40MBCQ	600	24	ACCU-F3	38MAQ	20/11	11.5	15	25	208/1	Yes	1,2,3,4,5,6,7
ACCU-F4	IT	145	CARRIER	AC-F4A	40MAQ	875	24	ACCU-F4	38MGR	20/11	11.5	35	50	208/1	Yes	1,2,3,4,5,6,7,8
ACCU-F4	IT	145	CARRIER	AC-F4B	40MAQ	875	24	ACCU-F4	38MGR	20/11	11.5	35	50	208/1	Yes	1,2,3,4,5,6,7,8
ACCU-F5	DATA	113	CARRIER	AC-F5	40MAQ	875	36	ACCU-F5	38MAQ	15.5/8.5	10	30	50	208/1	Yes	1,2,3,4,5,6,7

A1

UNIT HEATER SCHEDULE

REMARKS:
1. PROVIDE WITH FACTORY WIRED AND MOUNTED FUSED DISCONNECT.
2. PROVIDE INTEGRAL THERMOSTAT.
3. PROVIDE KEY LOCKS FOR ACCESS DOORS AND FRONT PANEL.
4. PROVIDE HIGH CAPACITY 2-ROW COIL WITH MAX WATER PRESSURE DROP OF 5 FT HD.

	LOCATION			AIRSIDE			WATERSIDE					MOTOR				DESIGN REFERENCE		
MARK	NAME	NO.	ARRANGEMENT	EAT(db) (°F)	LAT (°F)	CFM	PIPE SIZE	GPM	EWT (°F)	LWT (°F)	WPD (FTH20)	HP	VOLT	PH	FLA	MANUFACTURER	MODEL NO.	REMARKS
CUH-F1	VESTIBULE	100A	INVERTED	62.0	107	560	3/4"	1.9	140	110	2.1	0.05	480	3	0.0	KRUEGER	KVFS06	1,2,3,4
UH-1	STORAGE	190	VERTICAL	60.0	110	630	3/4"	2.3	140	110	0.2	0.04	120	1	0.0	MODINE	HSB 33	1,2

GAS-FIRED UNIT HEATER SCHEDULE

1. PROVIDE WITH FACTORY WIRED AND MOUNTED DISCONNECT.
2. PROVIDE INTEGRAL THERMOSTAT WITH SUMMER FAN SWITCH.

					FAN	GAS-FIRED HEAT EXCHANGER											
						GAS BURNER				AIRSIDE							
ID	LOCATION NAME	LOCATION NO.	MANUFACTURER	MODEL NO.	DESIGN AIRFLOW (CFM)	INPUT (MBH)	CAP (MBH)	STAGES	FUEL TYPE	FLOW (CFM)	EAT (DB)(°F)	LAT (DB)(°F)	FLA	MCA	MOCP (A)	VOLT (V)	PH	REMARKS
GUH-A1	SALLYPORT	1501	REZNOR	UDX-60	750	60.0	49.8	2	NG	750	55.0	55.1	0.0 A	0.0 A	15.0	120	1	1, 2
GUH-A2	SALLYPORT	1501	REZNOR	UDX-60	750	60.0	49.8	2	NG	750	55.0	55.1	0.0 A	0.0 A	15.0	120	1	1, 2

EXHAUST FAN SCHEDULE

1. 24V MOTORIZED DAMPER PROVIDED BY TCC. REFER TO DAMPER SCHEDULE.
2. PROVIDE WITH 16" HIGH INSULATED ROOF CURB.
3. PROVIDE WITH OE VARIABLE SPEED CONTROLLER TO CONTROL ALL BUCKET FANS.
4. PROVIDE SAFETY CABLE IN ADDITION TO STANDARD MOUNTING CABLE FOR EACH FAN.
5. EXHAUST FAN IS PART OF ALTERNATE. FOR SHELL BUILDOUT, PROVIDE FRAME AND ROOF CURB AND CAP FOR FUTURE.
6. MANUFACTURER TO PROVIDE ECM MOTOR.

	LOCATION						WHEEL		MOTOR											DESIGN REFERENCE		
MARK	NAME	NO.	SERVICE	TYPE	CFM	ESP (IN-WG)	TYPE	FAN RPM	HP	BHP	VOLTS/PHASE/HE RTZ	FLA	EMERGENCY POWER	ACCESS DOOR	BELT DRIVE	BIRD SCREEN	GRAVITY BDD	MOTORIZED DAMPER	VIBRATION ISOLATORS	UNIT MTD. DISC. SW	MANUFACTURER	MODEL NO.	REMARKS
BF-1	SALLYPORT	1501	DESTRATIFICATION	BUCKET FAN	1055	0.10	BI	1675	0.13	0.12	115/60/1	2.0	No	No	No	No	No	No	No	Yes	VENTS-US	1055	3, 4
BF-2	SALLYPORT	1501	DESTRATIFICATION	BUCKET FAN	1055	0.10	BI	1675	0.13	0.12	115/60/1	2.0	No	No	No	No	No	No	No	Yes	VENTS-US	1055	3, 4
BF-3	SALLYPORT	1501	DESTRATIFICATION	BUCKET FAN	1055	0.10	BI	1675	0.13	0.12	115/60/1	2.0	No	No	No	No	No	No	No	Yes	VENTS-US	1055	3, 4
BF-4	SALLYPORT	1501	DESTRATIFICATION	BUCKET FAN	1055	0.10	BI	1675	0.13	0.12	115/60/1	2.0	No	No	No	No	No	No	No	Yes	VENTS-US	1055	3, 4
EF-A-1	ROOF	SALLYPORT	SALLYPORT EXHAUST	CENTRIFUGAL UPBLAST	4700	0.75	BI	1061	2.00	1.38	208/1/60	12.5	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-200-VG	1
EF-A-2	ROOF	INTAKE/BOOKING	GENERAL EXHAUST	CENTRIFUGAL DOWNBLAST	2250	0.75	BI	893	0.75	0.45	208/1/60	6.0	No	Yes	No	Yes	Yes	No	Yes	Yes	GREENHECK	G-180-VG	2
EF-A-3	ROOF	INTAKE/BOOKING	GENERAL EXHAUST	CENTRIFUGAL DOWNBLAST	800	0.75	BI	1432	0.25	0.16	208/1/60	2.1	No	Yes	No	Yes	Yes	No	Yes	Yes	GREENHECK	G-100-VG	2
PEF-D1-1	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	1800	0.75	BI	1725	0.75	0.45	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 6
PEF-D1-2	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	2300	0.75	BI	1725	0.75	0.69	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 6
PEF-D1-3	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	2300	0.75	BI	1725	0.75	0.69	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 6
PEF-D1-4	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	2300	0.75	BI	1725	0.75	0.69	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 6
PEF-D1-5	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	2300	0.75	BI	1725	0.75	0.69	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 6
PEF-D2-1	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	1800	0.75	BI	1725	0.75	0.45	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 5, 6
PEF-D2-2	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	2300	0.75	BI	1725	0.75	0.69	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 5, 6
PEF-D2-3	ROOF	POD	POD EXHAUST	CENTRIFUGAL UPBLAST	1800	0.75	BI	1725	0.75	0.45	208/1/60	6.0	Yes	Yes	No	Yes	No	Yes	Yes	Yes	GREENHECK	CUE-140-VG	1, 2, 5, 6

LOUVER SCHEDULE

1. FURNISH WITH ALUMINUM BIRD SCREEN.
2. FURNISH WITH KYNAR PAINT FINISH OF STANDARD COLOR SELECTION BY ARCHITECT.
3. PROVIDE MOTORIZED DAMPER.
4. PROVIDE BACKDRAFT DAMPER.

	LOCATION					DIMENSIONS							
MARK	NAME	NO.	MANUFACTURER	MODEL NO.	CFM	W	H	D	FREE AREA (SF)	MAX FAV	APD	BIRD SCREEN	REMARKS
LV-1	MAINTENANCE	1502	RUSKIN	ELF6375DXD	4700	6' - 4"	3' - 0"	0' - 6"	10.6	500 FPM	0.05 in-wg	Yes	1,2,3
LV-2	MECHANICAL	1661	RUSKIN	ELF6375DXD	14500	7' - 0"	7' - 0"	0' - 6"	28.5	500 FPM	0.05 in-wg	Yes	1,2,4
LV-3	MECHANICAL	ALT D	RUSKIN	ELF6375DXD	7500	5' - 2"	5' - 2"	0' - 6"	15.1	500 FPM	0.05 in-wg	Yes	1,2,4
LV-4	MECHANICAL	ALT D	RUSKIN	ELF6375DXD	7500	5' - 2"	5' - 2"	0' - 6"	15.1	500 FPM	0.05 in-wg	Yes	1,2,4

GRAVITY HOOD SCHEDULE

	LOCATION						DIMENSIONS							DESIGN REFERENCE		
							HOOD		THROAT							
MARK	NAME	NO.	QUANTITY	CFM	MAX APD (IN-WG)	THROAT VELOCITY (FT/MIN)	WIDTH	LENGTH	HEIGHT	WIDTH	LENGTH	GRAVITY BACKDRAFT DAMPER	MIN CURB HEIGHT (IN.)	MANUFACTURER	MODEL	NOTES
OALP-1	ROOF	UNIT D	1	14500	0.09	716	68.00	68.00	49.25	54.00	54.00	Yes	18.00	GREENHECK	WIH-54X54	

REFER TO M900 SERIES FOR CONTROLS

RQAW ARCHITECTURE

BID SET

KNOX COUNTY BOARD OF COMMISSIONERS

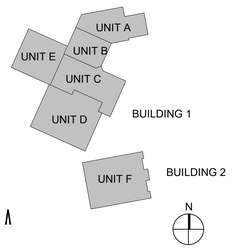
KNOX COUNTY JUSTICE CAMPUS

2375 OLD DECKER RD. VINCENNES, IN 47591

#	Revision	Date
A1	Addendum #1	02.14.2022

Project #: 20-700-151-2
Designed By: D.E.B.
Drawn By: N.J.H.
Checked By: A.M.M.
Date: 01.28.2022

ERIC S. WEFLEN REGISTERED No. AR11500136 STATE OF INDIANA ARCHITECT



SCHEDULES - MECHANICAL

M602