RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

USA Architects

1 S. 3rd Street
Alpha Building, 7th Fl.
Easton, PA 18042
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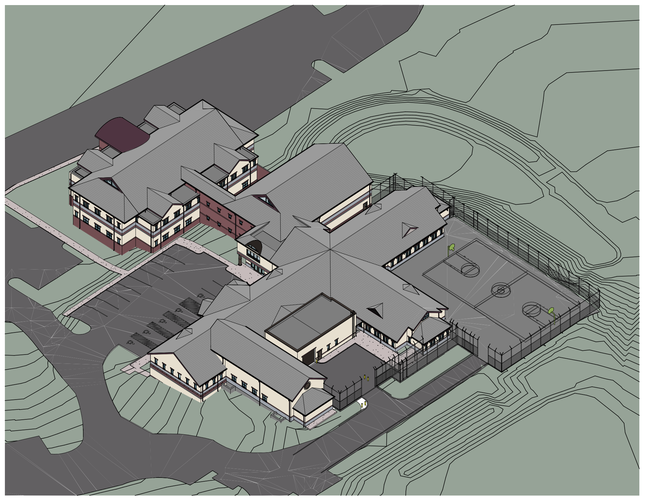


1 EXTERIOR PERSPECTIVE AERIAL VIEW
SCALE: N.T.S.

ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR	HP	HIGH POINT
ALT.	ALTERNATE	HR.	HOUR
ALUM.	ALUMINUM	IN.	INCH
&	AND	INSUL.	INSULATION
@	AT	INT.	INTERIOR
APC.	ACOUSTICAL PANEL CEILING	JT.	JOINT
BLDG.	BUILDING	LP.	LOW POINT
B.O.	BOTTOM OF	MAX.	MAXIMUM
C.J.	CONTROL JOINT	MIN	MINIMUM OR MINUTES
℄	CENTERLINE	MISC.	MISCELLANEOUS
CLR.	CLEAR	M.O.	MASONRY OPENING
CMU	CONCRETE MASONRY UNIT	N.I.C.	NOT IN CONTRACT
CONC.	CONCRETE	N.T.S.	NOT TO SCALE
CU.	CUBIC	O.C.	ON CENTER
DIA. OR Ø	DIAMETER	OH.	OVERHEAD
DIM(S).	DIMENSION(S).	OPP. HD.	OPPOSITE HAND
DN.	DOWN	PT	PRESSURE TREATED
DWG(S)	DRAWING(S)	R.D.	ROOF DRAIN
EA.	EACH	REINF.	REINFORCE(MENT) OR REINFORCING
E.I.F.S.	EXTERIOR INSULATION & FINISH SYSTEM	REQ'D	REQUIRED
E.J.	EXPANSION JOINT	R.O.	ROUGH OPENING
EQ.	EQUAL	SIM.	SIMILAR
EQUIP.	EQUIPMENT	SPECS.	SPECIFICATIONS
E.T.R.	EXISTING TO REMAIN	SF	SQUARE FOOT
EXIST.	EXISTING	SQ.	SQUARE
EXT.	EXTERIOR	S.S.	STAINLESS STEEL
F.D.	FLOOR DRAIN	TEMP.	TEMPORARY
FT.	FEET OR FOOT	T.O.	TOP OF
F.E.	FIRE EXTINGUISHER	TYP.	TYPICAL
F.E.C.	FIRE EXTINGUISHER CABINET	U.O.N.	UNLESS OTHERWISE NOTED
FIN.	FINISH OR FINISHED	VERT.	VERTICAL
GA.	GAUGE	V.I.F.	VERIFY IN FIELD
GALV.	GALVANIZED	WD	WOOD
GYP.	GYPSUM	W/	WITH
HT.	HEIGHT	W/O	WITHOUT
HM.	HOLLOW METAL	W.W.M.	WELDED WIRE MESH
HORIZ.	HORIZONTAL	YD.	YARD

SYMBOL LEGEND

NORTH ARROW

Room Name / 101 / Area — ROOM TAG

A / A-101 — SIM — ELEVATION / SECTION MARK

SPOT ELEVATION

1 — REVISION TAG

1 VIEW NAME
SCALE: 1/8" = 1'-0" — TITLE MARK

1 / A-101 — SIM — DETAIL MARK

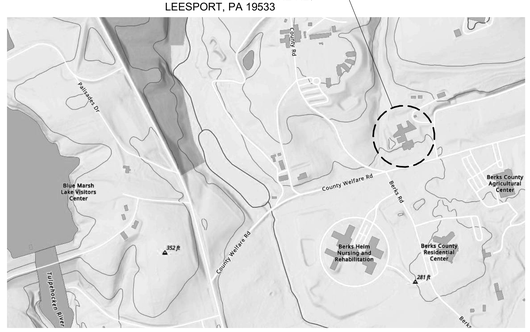
BL-1 — INTERIOR WINDOW TAG

— WINDOW TAG

101 — DOOR TAG

P1 — WALL TAG

PROJECT LOCATION:
1261 COUNTY WELFARE RD,
LEESPORT, PA 19533



2 LOCATION MAP
SCALE: N.T.S.

DESIGN TEAM

ARCHITECT

USA ARCHITECTS, PLANNERS AND INTERIOR DESIGNERS, LTD.
1 SOUTH 3RD STREET,
ALPHA BUILDING, 7TH FLOOR
EASTON, PA, 18042
(610) 559-6000

CIVIL

GREAT VALLEY CONSULTANTS
75 COMMERCE DRIVE, WYOMISSING, PA 19610-1038

GREAT VALLEY CONSULTANTS
75 COMMERCE DRIVE,
WYOMISSING, PA 19610
(800) 733-4821

STRUCTURAL

reuther+bowen
Engineering, Design, Construction Services

REUTHER + BOWEN
326 WARD ST,
SCRANTON, PA 18512
(570) 496-7020

MEP

ENTECH ENGINEERING, INC.
201 PENN STREET, PO BOX 32
READING, PA 19603
(610) 373-6667

LOW VOLTAGE

PSE PROFESSIONAL SYSTEMS ENGINEERING AN NV5 COMPANY

PROFESSIONAL SYSTEMS ENGINEERING, AN NV5 COMPANY
100 W. MAIN STREET, SUITE 400
LANSDALE, PA 19446
(215) 661-1600

FOOD SERVICE

OEA Orlando Espinosa Associates

ORLANDO ESPINOSA + ASSOCIATES, LLC
123 SMITHBRIDGE ROAD
GLEN MILLS, PA 19342
(610) 361-8873

COST ESTIMATOR

BECKER & FRONDORF
project management + cost estimating

BECKER & FRONDORF
1500 WALNUT STREET, SUITE 1910,
PHILADELPHIA, PA 19102
(215) 772-1400

DRAWING LIST

GENERAL

A-000 TITLE SHEET

CIVIL

C-100 EXISTING CONDITIONS & DEMOLITION PLAN
C-101 CIVIL SITE PLAN
C-102 SALLYPORT AREA CIVIL SITE PLAN
C-103 UG ROOF DRAIN SYSTEM PROFILES
C-104 CIVIL DETAILS

ARCHITECTURAL

A-001 GENERAL NOTES + BARRIER FREE LEGEND
A-010 BUILDING CODE ANALYSIS - IEBC
A-011 BUILDING CODE ANALYSIS
A-012 PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA A
A-013 PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA B
A-014 PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA A
A-015 PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA B
A-016 OVERALL PERIMETER FENCE PLAN
A-020 PARTITION TYPE SCHEDULE + DETAILS
A-051 PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A
A-052 PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
A-053 PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A
A-054 PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
A-055 PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A
A-056 PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B
A-057 PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A
A-058 PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B
A-059 PARTIAL ROOF DEMOLITION PLAN
A-101 OVERALL FLOOR PLANS
A-102 PARTIAL FIRST FLOOR PLAN - AREA A
A-103 PARTIAL FIRST FLOOR PLAN - AREA B
A-104 PARTIAL SECOND FLOOR PLAN - AREA A
A-105 PARTIAL SECOND FLOOR PLAN - AREA B
A-140 OVERALL ROOF PLAN
A-145 ROOF DETAILS
A-146 ROOF DETAILS
A-160 ENLARGED PLANS
A-161 ENLARGED PLANS
A-165 ENLARGED KITCHEN PLAN
A-180 PLAN DETAILS
A-201 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA A AND CEILING DETAILS
A-202 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA B
A-203 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA A
A-204 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA B
A-300 OVERALL AND ADDITION EXTERIOR ELEVATIONS
A-301 EXTERIOR ELEVATIONS - AREA A
A-302 EXTERIOR ELEVATIONS - AREA A + B
A-303 EXTERIOR ELEVATIONS - AREA B
A-310 EXTERIOR BUILDING SIGNAGE
A-400 BUILDING SECTIONS AND EXTERIOR WALL TYPES
A-430 WALL SECTIONS AND DETAILS
A-500 VERTICAL CIRCULATION - STAIR
A-600 OPENINGS - SCHEDULES
A-601 OPENINGS - SCHEDULES
A-602 OPENINGS - SCHEDULES
A-605 OPENING DETAILS
A-610 WINDOW ELEVATIONS
A-611 WINDOW DETAILS
A-710 INTERIOR ELEVATIONS
A-730 CASEWORK ELEVATIONS
A-731 CASEWORK PLANS + ELEVATIONS
A-732 LOCKER ELEVATIONS + DETAILS
A-750 CASEWORK DETAILS
A-800 FINISH SCHEDULE, NOTES + DETAILS
A-801 PARTIAL FIRST FLOOR FINISH PLAN - AREA A
A-802 PARTIAL FIRST FLOOR FINISH PLAN - AREA B
A-803 PARTIAL SECOND FLOOR FINISH PLAN - AREA A
A-804 PARTIAL SECOND FLOOR FINISH PLAN - AREA B
A-850 FURNITURE SCHEDULE
A-850A AUDIO VISUAL + EQUIPMENT SCHEDULE
A-851 PARTIAL FIRST FLOOR FURNITURE + EQUIPMENT PLAN - AREA A
A-852 PARTIAL FIRST FLOOR FURNITURE + EQUIPMENT PLAN - AREA B
A-853 PARTIAL SECOND FLOOR FURNITURE + EQUIPMENT PLAN - AREA A
A-854 PARTIAL SECOND FLOOR FURNITURE + EQUIPMENT PLAN - AREA B

STRUCTURAL

S-001 GENERAL STRUCTURAL NOTES
S-002 GENERAL STRUCTURAL NOTES
S-101 FOUNDATION PLAN
S-102 BEDROOM CEILING FRAMING PLAN
S-103 ROOF FRAMING PLAN
S-300 TYPICAL FOUNDATION DETAILS
S-301 FOUNDATION SECTIONS
S-400 TYPICAL MASONRY DETAILS + SECTIONS

FIRE PROTECTION

FPD-101 FIRST FLOOR DEMOLITION PLAN - AREA A
FPD-102 FIRST FLOOR DEMOLITION PLAN - AREA B
FPD-103 SECOND FLOOR DEMOLITION PLAN - AREA A
FPD-104 SECOND FLOOR DEMOLITION PLAN - AREA B
FP-101 FIRST FLOOR PLAN - AREA A
FP-102 FIRST FLOOR PLAN - AREA B
FP-103 SECOND FLOOR PLAN - AREA A
FP-104 SECOND FLOOR PLAN - AREA B
FP-701 SCHEDULES, NOTES, LEGEND AND DETAILS

PLUMBING

PD-101 FIRST FLOOR DEMOLITION PLAN - AREA A
PD-102 FIRST FLOOR DEMOLITION PLAN - AREA B
PD-103 SECOND FLOOR DEMOLITION PLAN - AREA A
PD-104 SECOND FLOOR DEMOLITION PLAN - AREA B
P-101 FIRST FLOOR PLAN - AREA A
P-102 FIRST FLOOR PLAN - AREA B
P-103 SECOND FLOOR PLAN - AREA A
P-104 SECOND FLOOR PLAN - AREA B
P-105 ROOF PLAN
P-401 ENLARGED PLUMBING PLANS
P-402 ENLARGED PLUMBING PLANS
P-403 ENLARGED PLUMBING PLANS
P-601 RISER DIAGRAMS
P-602 RISER DIAGRAMS
P-603 RISER DIAGRAMS
P-701 SCHEDULES, NOTES AND LEGEND

MECHANICAL

MD-101 FIRST FLOOR DEMOLITION PLAN - AREA A
MD-102 FIRST FLOOR DEMOLITION PLAN - AREA B
MD-103 SECOND FLOOR DEMOLITION PLAN - AREA A
MD-104 SECOND FLOOR DEMOLITION PLAN - AREA B
M-100 EXTERIOR GAS PIPING
M-101 FIRST FLOOR PLAN - AREA A
M-102 FIRST FLOOR PLAN - AREA B
M-103 SECOND FLOOR PLAN - AREA A
M-104 SECOND FLOOR PLAN - AREA B
M-105 ROOF DUCTWORK PLAN - AREA A
M-106 ROOF DUCTWORK PLAN - AREA B
M-401 ENLARGED MECHANICAL PLANS
M-501 DETAILS
M-502 DETAILS
M-701 SCHEDULES, NOTES, AND LEGEND
M-801 CONTROLS
M-1 LEGEND AND ABBREVIATIONS
M-2 LOWER LEVEL DUCTWORK PLAN
M-3 UPPER LEVEL DUCTWORK PLAN
M-4 ENLARGED MECHANICAL ROOMS AND SECTION
M-5 LOWER LEVEL PIPING PLAN
M-6 UPPER LEVEL PIPING PLAN
M-7 DIAGRAMS AND DETAILS
M-8 DETAILS
M-9 CONTROL DIAGRAMS
M-10 SCHEDULES
M001 LEGEND AND ABBREVIATIONS
M100 FIRST FLOOR DUCTWORK PLAN
M101 SECOND FLOOR DUCTWORK PLAN
M102 FIRST FLOOR PIPING PLAN
M103 SECOND FLOOR PIPING PLAN
M104 MECHANICAL ROOM PLAN AND SECTIONS
M500 DETAILS AND DIAGRAMS
M501 DETAILS AND BID ALTERNATE #3 CONTROL DIAGRAM
M502 CONTROLS DIAGRAMS
M700 SCHEDULES

ELECTRICAL

E-100 ELECTRICAL SITE PLAN
ED-601 DEMOLITION ONELINE
EPD-103 POWER DEMO - SECOND FLOOR - AREA A
EL-101 LIGHTING - FIRST FLOOR - AREA A
EL-102 LIGHTING - FIRST FLOOR - AREA B
EL-103 LIGHTING - SECOND FLOOR - AREA A
EL-104 LIGHTING - SECOND FLOOR - AREA B
EP-101 POWER - FIRST FLOOR - AREA A
EP-102 POWER - FIRST FLOOR - AREA B
EP-103 POWER - SECOND FLOOR - AREA A
EP-104 POWER - SECOND FLOOR - AREA B
EP-105 POWER - SALLYPORT ADDITION ROOF PLAN
E-601 PROPOSED ONELINE
E-602 PANEL SCHEDULES - LIFE SAFETY
E-603 PANEL SCHEDULES - 480/277V
E-604 PANEL SCHEDULES - 208/120V
E-605 PANEL SCHEDULES - 208/120V
E-701 SCHEDULES AND NOTES

SECURITY

ES-001 SYMBOLS, NOTES, AND ABBREVIATIONS
ES-100 FIRST FLOOR PLAN - AREA A
ES-101 FIRST FLOOR PLAN - AREA B
ES-102 SECOND FLOOR PLAN - AREA A
ES-103 SECOND FLOOR PLAN - AREA B
ES-200 ENLARGED IDF A123 EQUIPMENT PLAN
ES-201 ENLARGED IDF B115A / ELEC B127 EQUIPMENT PLAN
ES-202 ENLARGED IDF A237A EQUIPMENT PLAN
ES-203 ENLARGED STAFF STATION B225 EQUIPMENT PLAN
ES-204 ENLARGED CONTROL ROOM PLANS 1 OF 2
ES-205 ENLARGED CONTROL ROOM PLANS 2 OF 2
ES-400 RISER DIAGRAM
ES-500 INSTALLATION DETAILS
ES-501 INSTALLATION DETAILS
ES-700 TOUCHSCREEN GUI DETAIL

BUILDING DATA + INFORMATION SUMMARY:

USE GROUP(S):	I-3 INSTITUTIONAL-JUVENILE DENTENTION CENTER
CONSTRUCTION TYPE:	III-B
SPRINKLERED:	Y
BUILDING FOOTPRINT AREA:	AREA A: 18,163 SF AREA B: 14,254 SF
MAXIMUM HEIGHT:	2 STORIES 50 FEET
BUILDING VOLUME:	AREA A - 1,394,693 CUFT AREA B - 1,243,750 CUFT

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RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

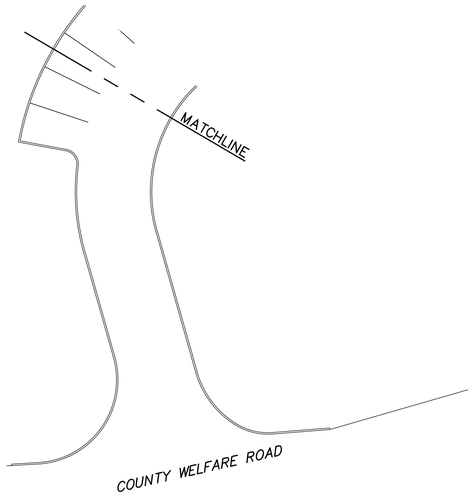
Drawing Title
TITLE SHEET

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-000
Drawn By: JR	Checked By: APL

10/9/2026 12:29:07 AM

LEGEND

- EXISTING PROPERTY BOUNDARY LINE
- EXISTING ADJOINER PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING BUILDING
- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF MACADAM
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- EXISTING SANITARY SEWER
- EXISTING WATER
- EXISTING FIRE MAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING HIGH PRESSURE STEAM
- EXISTING PUMPED CONDENSATE RETURN
- EXISTING STORM
- EXISTING GAS
- EXISTING UNDERGROUND TELECOMMUNICATIONS
- EXISTING UNKNOWN UTILITY
- 298.27 x EXISTING SPOT ELEVATION
- (TBR) TO BE REMOVED
- (TBA) TO BE ABANDONED
- EXISTING PAVEMENT TO BE REMOVED, APPROX. 1.5" DEPTH
- EXISTING PAVEMENT TO BE REMOVED, FULL DEPTH
- EXISTING FEATURE TO BE REMOVED, FULL DEPTH

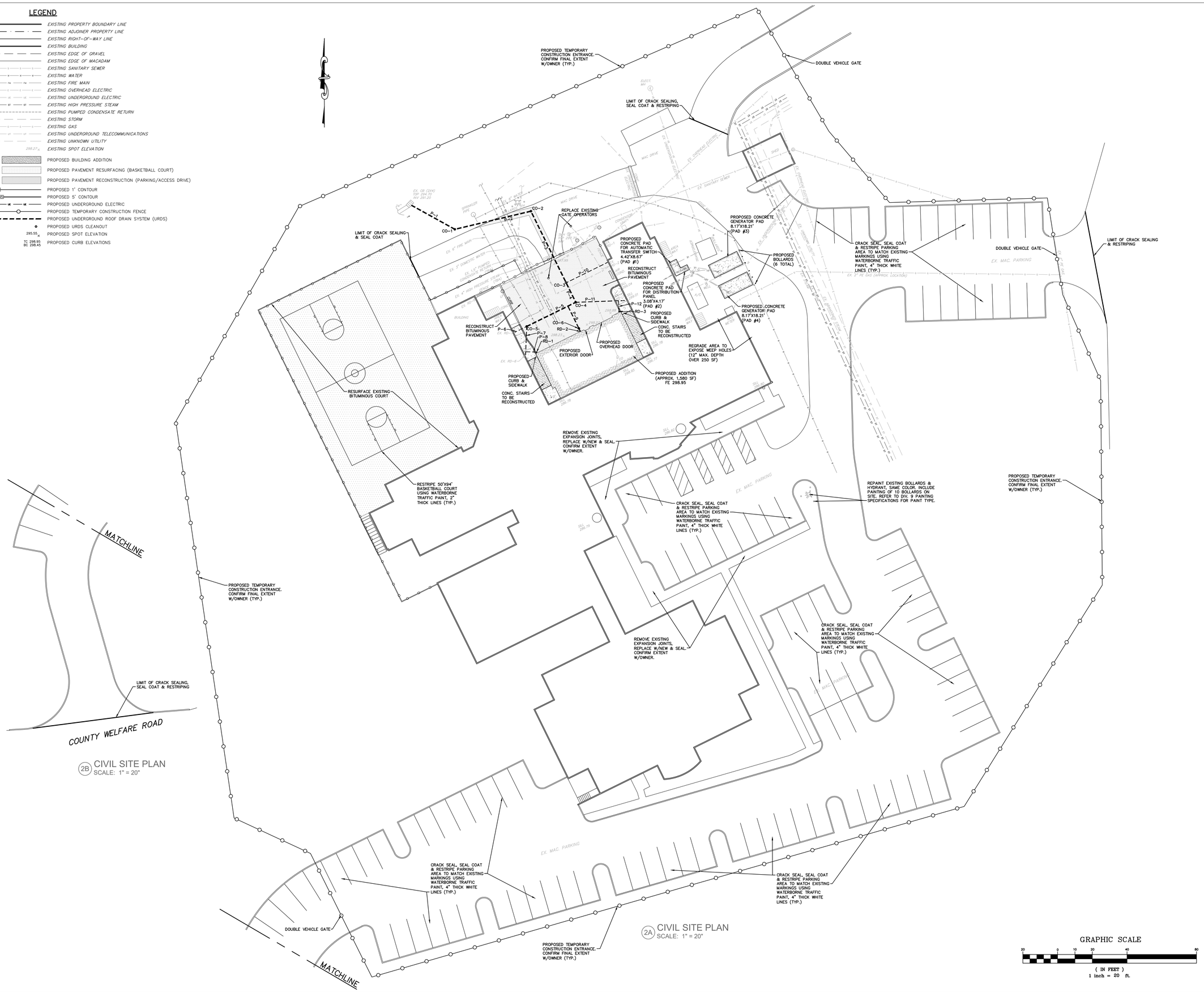


1B EXISTING CONDITIONS & DEMOLITION PLAN
SCALE: 1" = 20"


EX. BUILDING
EX. MAC. PARKING
EX. MAC. PARKING
EX. MAC. PARKING
EX. MAC. PARKING
MAC (TBR)
MAC (TBR)
MAC DRIVE
MAC DRIVE
BUILDING
SHED
GENERATOR (TBR)
PROPANE TANK (TBR)
WELL
WELL
A/C UNIT (TBR)
TRAILER (TBR)
WOOD PLATFORM (TBR)
CONCRETE PAD (TBR)
CONDENSING UNITS (TBR)
CONDENSING UNITS (TBR)
CONC. (TBR)
CURB (TBR)
COLUMN (TBR)
FENCE
EX. RD-1
EX. RD-2
EX. RD-3
EX. RD-4
EX. RD-5
EX. RD-6
EX. GATE OPERATOR (TBR)
EX. GATE OPERATOR (TBR)
EX. CB (TBA) TOP: 294.70 INV: 291.20
EX. 8" FIRE MAIN
EX. 3" DOMESTIC WATER
EX. 1.5" PUMPED CONDENSATE RETURN (TBA)
EX. 4" HIGH PRESSURE STEAM (TBA)
EX. 8" WATER
EX. UNDERGROUND ELECTRIC
EX. OVERHEAD ELECTRIC
EX. SANITARY SEWER
EX. OVERHEAD ELECTRIC
EX. UNDERGROUND ELECTRIC
EX. 6" SANITARY
EX. 2" PE GAS (APPROX. LOCATION)
EX. 8" STEAM
EX. MANHOLE STEAM
SPRINKLER PIPE
SPRINKLER PIPE
EDGE MAC.
ELECT. MH
SILL 298.04
SILL 298.01
SILL 298.78
SILL 298.78
SILL 298.78
SILL 298.95
SILL 298.82
SILL 298.82
SILL 298.79
8" DRAIN CAP 4" PIPE
8" DRAIN CAP 4" PIPE
298.82
298.23
297.95
298.77
294.47
INV 294.47
INV 297.95
INV 291.20
TOP: 297.95
298.00
298.00
298.00

LEGEND

- EXISTING PROPERTY BOUNDARY LINE
- EXISTING ADJOINER PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING BUILDING
- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF MACADAM
- EXISTING SANITARY SEWER
- EXISTING WATER
- EXISTING FIRE MAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING HIGH PRESSURE STEAM
- EXISTING PUMPED CONDENSATE RETURN
- EXISTING STORM
- EXISTING GAS
- EXISTING UNDERGROUND TELECOMMUNICATIONS
- EXISTING UNKNOWN UTILITY
- 298.27 x EXISTING SPOT ELEVATION
- PROPOSED BUILDING ADDITION
- PROPOSED PAVEMENT RESURFACING (BASKETBALL COURT)
- PROPOSED PAVEMENT RECONSTRUCTION (PARKING/ACCESS DRIVE)
- 294 PROPOSED 1' CONTOUR
- 295 PROPOSED 5' CONTOUR
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED TEMPORARY CONSTRUCTION FENCE
- PROPOSED UNDERGROUND ROOF DRAIN SYSTEM (URDS)
- PROPOSED URDS CLEANOUT
- 295.55 x PROPOSED SPOT ELEVATION
- TC 298.95 / BC 298.45 PROPOSED CURB ELEVATIONS



2B CIVIL SITE PLAN
SCALE: 1" = 20"

2A CIVIL SITE PLAN
SCALE: 1" = 20"

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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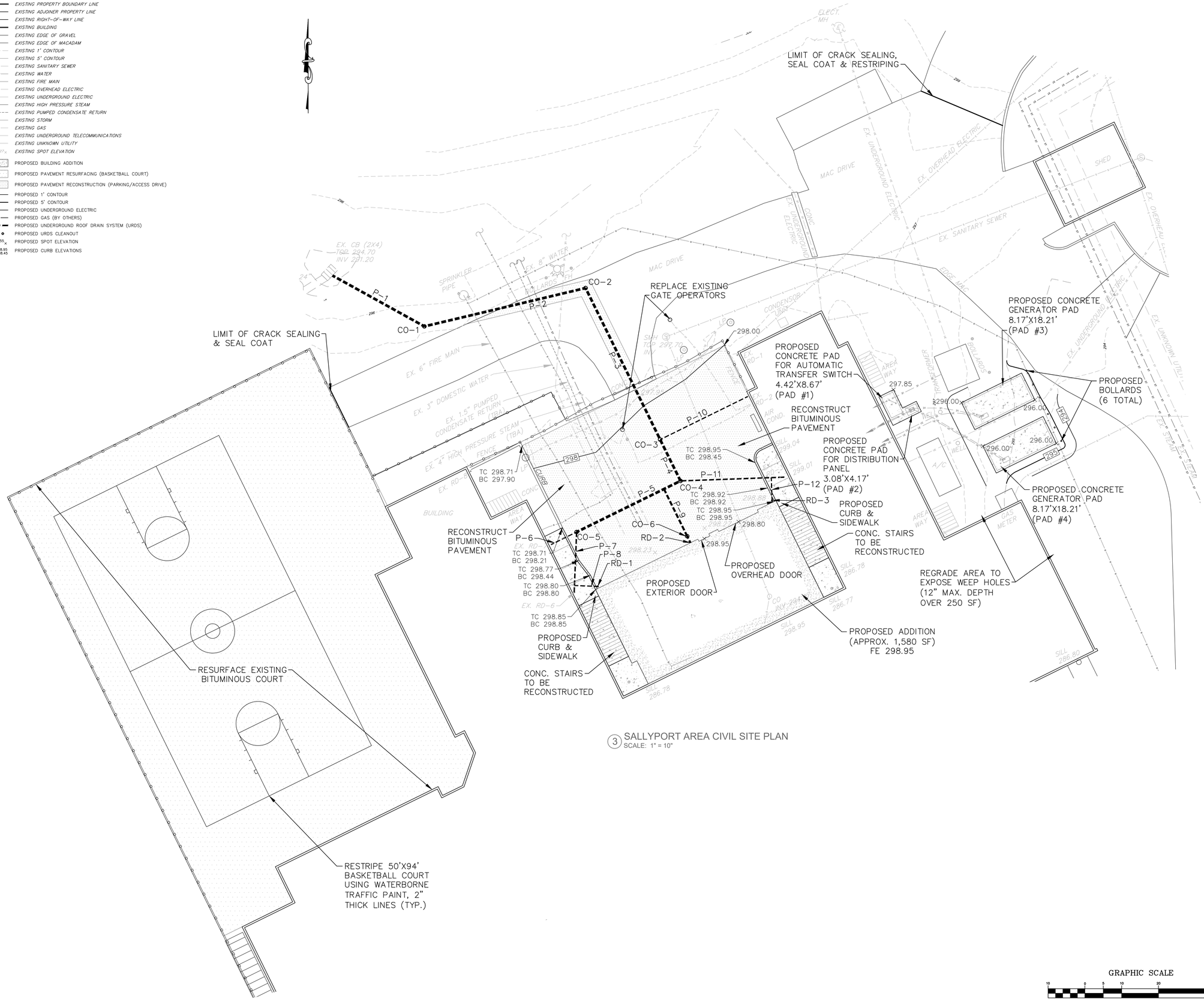
	10.05.26	ISSUED FOR BID

Drawing Title
CIVIL SITE PLAN

Scale	USA Project No.
1" = 20"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: C-101
Drawn By: JRM	Checked By: SKH

LEGEND

- EXISTING PROPERTY BOUNDARY LINE
- EXISTING ADJOINER PROPERTY LINE
- EXISTING RIGHT-OF-WAY LINE
- EXISTING BUILDING
- EXISTING EDGE OF GRAVEL
- EXISTING EDGE OF MACADAM
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- EXISTING SANITARY SEWER
- EXISTING WATER
- EXISTING FIRE MAIN
- EXISTING OVERHEAD ELECTRIC
- EXISTING UNDERGROUND ELECTRIC
- EXISTING HIGH PRESSURE STEAM
- EXISTING PUMPED CONDENSATE RETURN
- EXISTING STORM
- EXISTING GAS
- EXISTING UNDERGROUND TELECOMMUNICATIONS
- EXISTING UNKNOWN UTILITY
- 298.27 x EXISTING SPOT ELEVATION
- PROPOSED BUILDING ADDITION
- PROPOSED PAVEMENT RESURFACING (BASKETBALL COURT)
- PROPOSED PAVEMENT RECONSTRUCTION (PARKING/ACCESS DRIVE)
- 294 PROPOSED 1' CONTOUR
- 295 PROPOSED 5' CONTOUR
- UE UE UE UE PROPOSED UNDERGROUND ELECTRIC
- G G G G G PROPOSED GAS (BY OTHERS)
- PROPOSED UNDERGROUND ROOF DRAIN SYSTEM (URDS)
- PROPOSED URDS CLEANOUT
- 295.55 x PROPOSED SPOT ELEVATION
- TC 298.95 BC 298.45 PROPOSED CURB ELEVATIONS



3 SALLYPORT AREA CIVIL SITE PLAN
SCALE: 1" = 10"

GRAPHIC SCALE
10 0 5 10 20 40
(IN FEET)
1 inch = 10 ft.

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No.	Date	Issue or Revision
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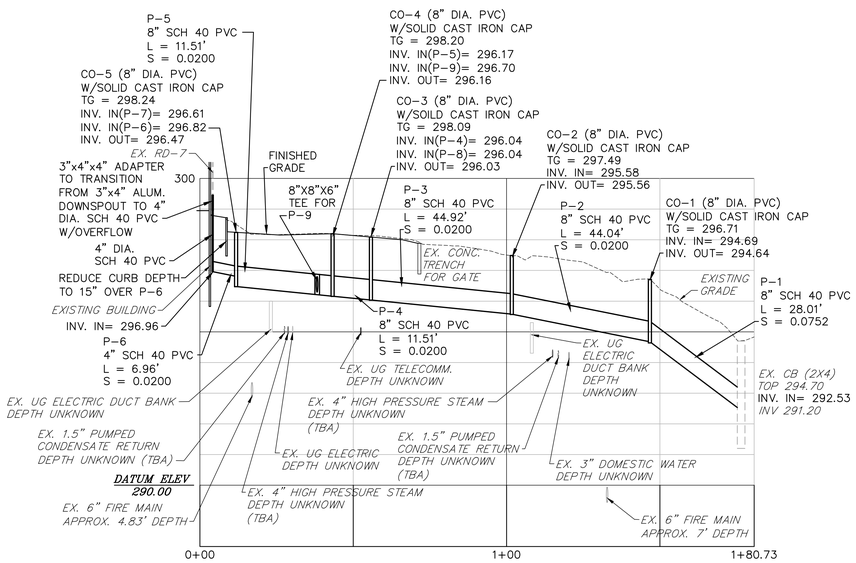
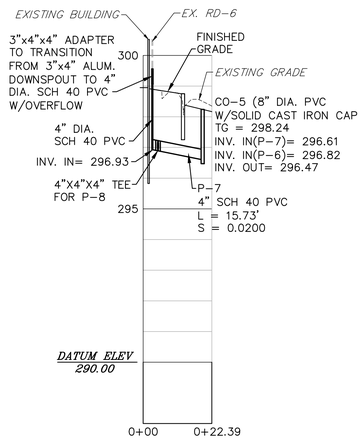
Drawing Title
SALLYPORT AREA CIVIL SITE PLAN

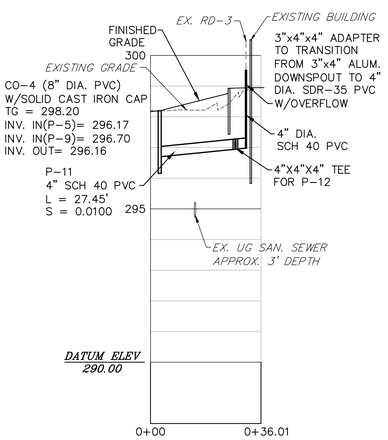
Scale	USA Project No.
1" = 10"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No. C-102
Drawn By: JRM	Checked By: SKH



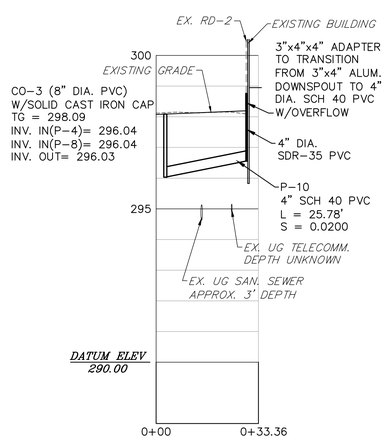
EX. RD-7 TO EX-CB
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



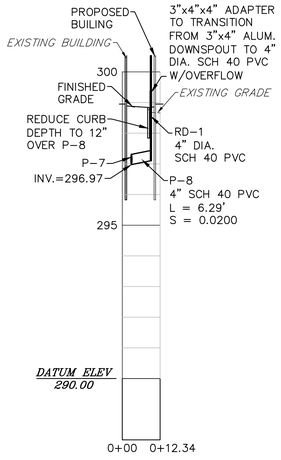
EX. RD-6 TO CO-5
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



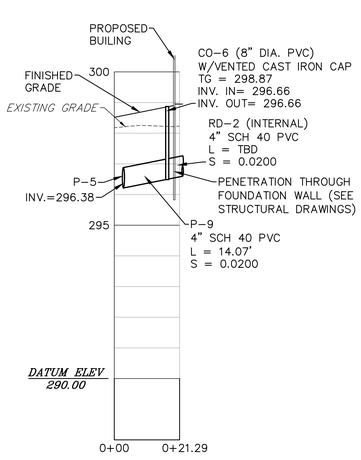
CO-4 TO EX. RD-3
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



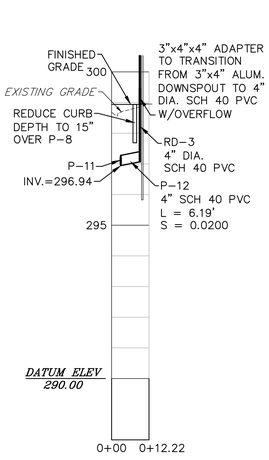
CO-3 TO EX. RD-2
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



P-7 TO RD-1
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



P-5 TO RD-2
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)



P-11 TO RD-3
UG ROOF DRAIN PROFILE
SCALE: 1"=20' (HOR.)
1"=2' (VERT.)

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.
(HOR.)

GRAPHIC SCALE

2 0 1 2 4 8

(IN FEET)
1 inch = 2 ft.
(VER.)

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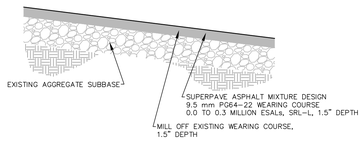
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

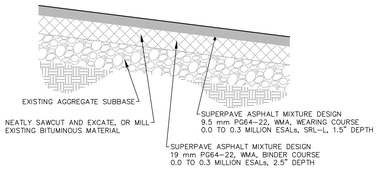
Drawing Title
UG ROOF DRAIN SYSTEM PROFILES

Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No. C-103
Drawn By: JRM	Checked By: SKH



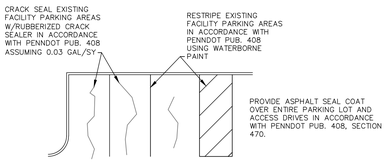
PAVEMENT RESURFACING – BASKETBALL COURT

SCALE: NONE



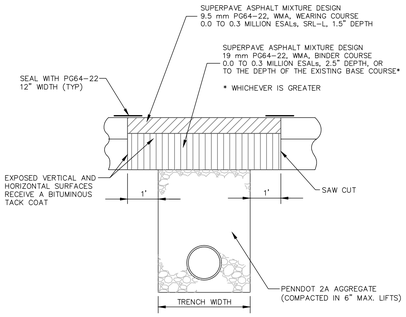
PAVEMENT RESURFACING – SALLYPORT AREA

SCALE: NONE



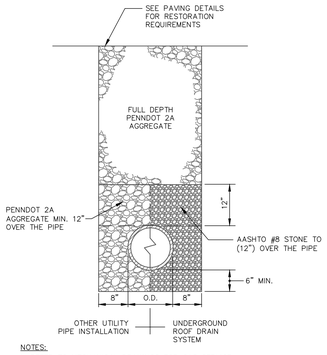
PAVEMENT CRACKSEALING, SEAL COAT & RESTRIPING

SCALE: NONE



FLEXIBLE PAVEMENT PERMANENT TRENCH RESTORATION

SCALE: NONE

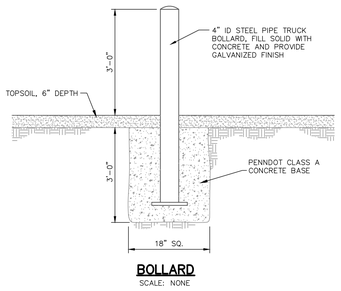


NOTES:

1. REFER TO MECHANICAL DRAWINGS FOR GAS SERVICE TRENCHING SPECIFICATIONS.
2. THIS DETAIL APPLIES ONLY TO UTILITY TRENCHING BEYOND THE BUILDING FOOTPRINT.

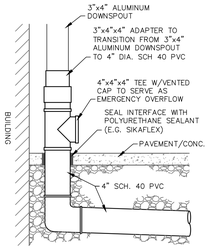
BEDDING AND BACKFILL DETAIL (FOR UTILITIES OTHER THAN GAS)

SCALE: NONE



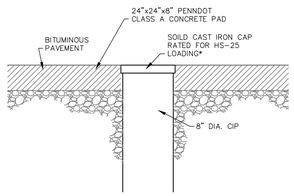
BOLLARD

SCALE: NONE



ROOF DRAIN TRANSITION

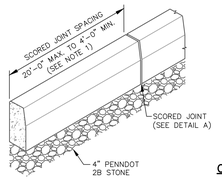
SCALE: NONE



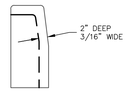
*USE VENTED CAST IRON CAP RATED FOR HS-25 LOADING AT CO-6.

CONCRETE CLEANOUT PAD

SCALE: NONE



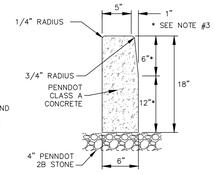
DETAIL B SCORED JOINT



DETAIL A CONTRACTION JOINT

NOTES:

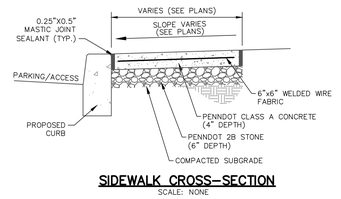
1. SPACE CONTRACTION JOINTS AND SCORED JOINTS IN UNIFORM LENGTHS OR SECTIONS AND IN ACCORDANCE WITH DETAIL A AND DETAIL B ABOVE FOR ALL TYPES OF PROPOSED CURB.
2. PLACE 1/2" PREMOLDED EXPANSION JOINT FILLER MATERIAL EVERY 40', AT STRUCTURES, AND AT THE END OF THE WORK DAY. CUT MATERIAL TO CONFORM TO AREA ADJACENT TO CURB OR TO CONFORM TO CROSS SECTIONAL AREA OF CURB.
3. THE CURB REVEAL SHALL VARY FROM 0" – 6", IN ACCORDANCE WITH THE PROPOSED CURB ELEVATIONS PROVIDED ON DRAWING NO. C-102.



CONCRETE CURB

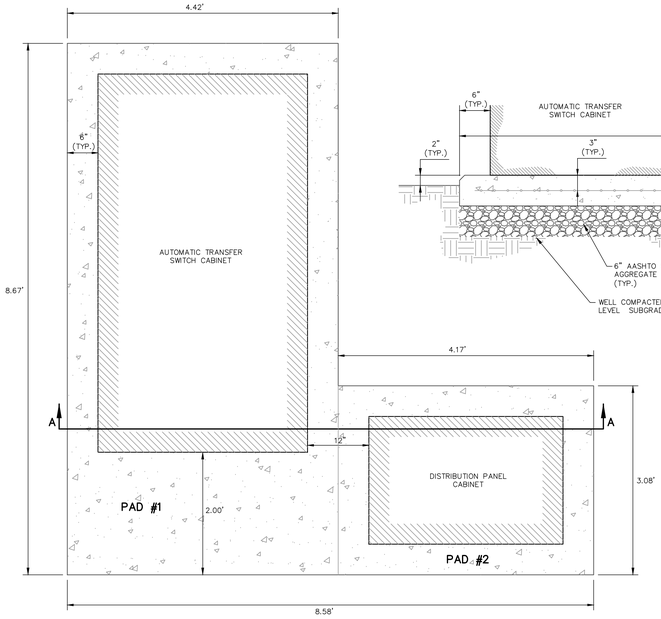
SCALE: NONE

VERTICAL CURB

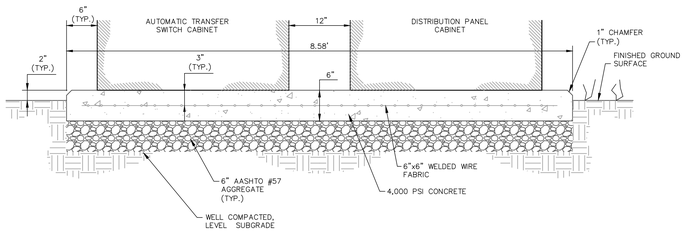


SIDEWALK CROSS-SECTION

SCALE: NONE



PLAN VIEW



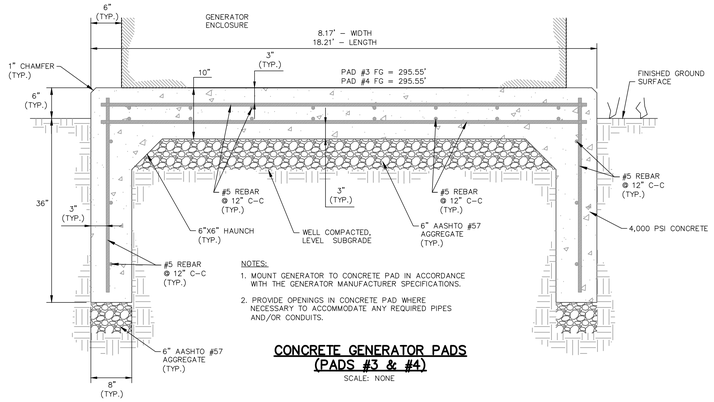
SECTION A–A

NOTES:

1. MOUNT EQUIPMENT AND CABINETS TO CONCRETE PAD IN ACCORDANCE WITH THE ANY APPLICABLE MANUFACTURER SPECIFICATIONS.
2. PROVIDE OPENINGS IN CONCRETE PAD WHERE NECESSARY TO ACCOMMODATE ANY REQUIRED PIPES AND/OR CONDUITS.

CONCRETE PAD FOR TRANSFER SWITCH & DISTRIBUTION PANEL CABINETS

SCALE: NONE



NOTES:

1. MOUNT GENERATOR TO CONCRETE PAD IN ACCORDANCE WITH THE GENERATOR MANUFACTURER SPECIFICATIONS.
2. PROVIDE OPENINGS IN CONCRETE PAD WHERE NECESSARY TO ACCOMMODATE ANY REQUIRED PIPES AND/OR CONDUITS.

CONCRETE GENERATOR PADS (PADS #3 & #4)

SCALE: NONE

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

CIVIL DETAILS

Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: C-104
Drawn By: JRM	Checked By: SKH

CSI DIVISION

DIVISION 00 PROCUREMENT

00.01 ALL BIDDERS, UPON SUBMITTING BIDS, HEREBY CERTIFY THAT THEY HAVE REVIEWED THE ENTIRE SET OF CONTRACT DOCUMENTS, (CONTRACT DOCUMENTS CONSIST OF A COMPLETE SET OF DRAWINGS AND THE ENTIRE PROJECT MANUAL, INCLUDING ALL DIVISIONS & ANY/ALL ADDENDA) AND ARE AWARE OF, AND AGREE TO MEET THE INTENT OF THE CONTRACT DOCUMENTS WHETHER EXPRESSED OR IMPLIED.

00.02 PRODUCT MANUFACTURERS IN CONJUNCTION WITH SUBCONTRACTORS AND PRIME CONTRACTOR(S) ARE RESPONSIBLE FOR ALL COMPONENTS AND CALCULATIONS AND/OR CERTIFICATIONS OF THEIR PRODUCT AND FOR PROVIDING COMPLETE SYSTEMS/ASSEMBLIES TO MEET THE DESIGN INTENT OF THE PROJECT.

00.03 THE BIDDER/CONTRACTOR IS REQUIRED TO VISIT THE SITE & EXAMINE THE EXISTING CONDITIONS TO HIS COMPLETE SATISFACTION PRIOR TO BIDDING. THE BIDDER/CONTRACTOR SHALL COMPARE THE EXISTING CONDITIONS TO THE DESIGN INTENT OF THE CONTRACT DOCUMENTS & SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY/ALL DISCREPANCIES BEFORE SUBMITTING A BID. FAILURE TO DO SO WILL PLACE THE BURDEN OF RESPONSIBILITY ON THE CONTRACTOR TO PERFORM THE WORK AS INTENDED BY THE CONTRACT DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.

DIVISION 01 AVAILABLE INFORMATION

01.01 ANY ADDITIONAL INFORMATION THAT IS NOT PART OF THE CONSTRUCTION DOCUMENTS, SUCH AS, BUT NOT LIMITED TO, SOIL REPORT(S), HAZARDOUS MATERIALS REPORT(S), EXISTING DRAWINGS, ETC., ARE INTENDED FOR REFERENCE ONLY AND ARE TO BE USED BY THE CONTRACTOR(S) AT HIS/HER OWN DISCRETION.

01.02 THE INDICATION OF SUBSTRATE & CONFIGURATION OF CONCEALED ITEMS & MATERIALS SHOWN ON THE CONSTRUCTION DOCUMENTS IS FOR GENERAL REFERENCE ONLY. THE CONTRACTOR(S) SHALL NOT BE ENTITLED TO ADDITIONAL COMPENSATION FOR ANY VARIANCE BETWEEN ACTUAL EXISTING CONDITIONS AND THAT REPRESENTED ON THE CONSTRUCTION DOCUMENTS.

01.03 ALL DIMENSIONS INDICATED ON THE CONSTRUCTION DOCUMENTS, OF EXISTING CONDITIONS, ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR(S) PRIOR TO SUBMITTING A BID.

GENERAL REQUIREMENTS

01.04 THE CONTRACTOR(S) SHALL DISCUSS & VERIFY, WITH ALL GOVERNING AUTHORITIES ALL CODE REQUIREMENTS INDICATED AND/OR REQUIRED FOR THE COMPLETE EXECUTION OF THE WORK AS INTENDED BY THE CONSTRUCTION DOCUMENTS.

01.05 THE CONTRACTOR(S) SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION OVER THE PROJECT. THE CONTRACTOR(S) SHALL OBTAIN PERMITS & GIVE NOTICES TO SUCH AGENCIES IN AMPLE TIME FOR OFFICIALS TO CONDUCT INSPECTIONS AND OBTAIN TIMELY APPROVALS. FAILURE TO COMPLY WILL SOLELY BE THE RESPONSIBILITY OF THE CONTRACTOR(S).

01.06 THE CONTRACTOR(S) SHALL PROVIDE PROTECTION FOR THE PUBLIC, OWNER'S STAFF, AND CONSTRUCTION WORKERS IN AND AROUND THE CONSTRUCTION AREA & ADJACENT PROPERTY. ADEQUATE BARRIERS & SIGNAGE SHALL BE PROVIDED TO EXERCISE CONTROL OF SAFE INGRESS & EGRESS OF PREMISES. FIRE EXITS SHALL NOT BE BLOCKED. PROPER SITE SECURITY DURING WORKING & OFF-HOURS SHALL BE MAINTAINED. BARRICADE ALL UNSAFE OR POTENTIALLY DANGEROUS CONDITIONS. THE CONTRACTOR(S) SHALL FOLLOW O.S.H.A. STANDARDS DURING THE COURSE OF THE PROJECT.

01.07 DO NOT SCALE THE DRAWINGS. USE CALCULATED DIMENSIONS ONLY. NOTE THAT NOT ALL DIMENSIONS ARE GIVEN ON THE CONSTRUCTION DOCUMENTS. SOME DIMENSIONS ARE IMPLIED. IF THE CONTRACTOR IS NOT SURE OF A GIVEN DIMENSION, HE/SHE SHALL SUBMIT A REQUEST FOR INFORMATION (R.F.I.) AND/OR SHALL FIELD VERIFY EXISTING DIMENSIONS.

01.08 ALL INFORMATION FOR ALL TRADES CONTAINED WITHIN THE CONSTRUCTION DOCUMENTS SHALL BE USED TOGETHER & IN CONCERT WITH ONE ANOTHER AS A WHOLE BODY OF INFORMATION FOR THE PROJECT. THE DRAWINGS & PROJECT MANUAL ARE COMPLEMENTARY & WHAT IS REQUIRED BY ONE, SHALL BE REQUIRED BY BOTH. NEITHER THE PRIME CONTRACTOR(S) NOR ANY SUBCONTRACTOR(S) SHALL BE RELIEVED OF THE RESPONSIBILITY TO PROVIDE ALL ITEMS REQUIRED BY THE INFORMATION & DESIGN INTENT INDICATED & IMPLIED, IN THE EVENT OF CONFLICTS BETWEEN DOCUMENTS, THE GREATER QUANTITY OR HIGHER QUALITY OF WORK SHALL PREVAIL AND BE PROVIDED.

01.09 ALL ITEMS LABELED "EXISTING" ARE EXISTING "TO REMAIN" UNLESS OTHERWISE INDICATED. ITEMS NOT LABELED "EXISTING" ARE TO BE PROVIDED. THE TERM "PROVIDE" SHALL MEAN FURNISH & INSTALL AS IT IS USED THROUGHOUT THE CONTRACT DOCUMENTS.

SUMMARY WORK (MULTIPLE PRIME CONTRACTS)

01.10 THE WORK OF THIS PROJECT IS DIVIDED INTO VARIOUS PRIME CONTRACTS. PRIME CONTRACTS ARE SEPARATE CONTRACTS WITH THE OWNER REPRESENTING SIGNIFICANT PORTIONS OF THE WORK. THE DIVISION OF RESPONSIBILITY FOR EACH PRIME CONTRACT IS NOT INDICATED BY THE ORGANIZATION OF THE DRAWINGS OR THE SPECIFICATIONS, BUT IS GIVEN IN THE PROJECT MANUAL IN THE SECTION TITLED "SUMMARY OF WORK".

PROJECT COORDINATION (MULTIPLE PRIME CONTRACTS)

01.11 THE GENERAL CONTRACTOR BEARS SPECIAL RESPONSIBILITIES AS THE PRINCIPAL PROJECT COORDINATOR AS IT PERTAINS TO THE ACTIVITIES OF ALL PRIME CONTRACTORS, AS INDICATED IN THE PROJECTS MANUAL UNDER THE SECTION TITLED "PROJECT COORDINATION".

01.12 ENGINEERING DRAWINGS (STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, COMMUNICATIONS, AND SECURITY SYSTEM DRAWINGS, ETC.) ARE SHOWN DIAGRAMMATICALLY AND ARE NOT TO SCALE, NOR DO THEY SHOW THE EXACT LOCATION OF THEIR COMPONENTS. THE EXACT LOCATION AND CLEARANCES FOR EACH SUCH SYSTEM OF COMPONENTS SHALL BE COORDINATED BY THE CONTRACTOR(S). ALL PRIME CONTRACTORS, PRIOR TO PURCHASE, FABRICATION, OR INSTALLATION OF THESE ITEMS SHALL PREPARE COORDINATION DRAWINGS SHOWING THE DIFFERENT TRADES BY COLORS AND SHALL CONDUCT A COORDINATION MEETING WITH ALL OTHER CONTRACTOR(S) AFFECTED FOR A TOTAL UNDERSTANDING OF THE DESIGN INTENT. THE ARCHITECTS AND THE ENGINEERS(S) SHALL BE INVITED TO ATTEND THIS MEETING AND OFFER INPUT PRIOR TO ANY WORK BEING FABRICATED OR INSTALLED.

QUALITY REQUIREMENTS

01.13 THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, SERVICES, ETC. TO COMPLETE THE ENTIRE WORK IN A MANNER ACCEPTABLE TO THE OWNER AND THE ARCHITECT. IT IS UNDERSTOOD THAT NOT EVERY DETAIL OR DIMENSION IS SHOWN IN THE CONTRACT DOCUMENTS, NOR ARE THEY NECESSARY FOR THE CONTRACTOR(S) TO PROVIDE A QUALITY PRODUCT. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (R.F.I.) IF NEEDED TO CLARIFY THE INTENT OF ANY DETAIL OR OTHER INFORMATION. HOWEVER, SUCH REQUEST FOR INFORMATION SHALL NOT CONSTITUTE A CHANGE IN THE SCHEDULE, OR IN THE CONTRACT AMOUNT. NO WORK SHOULD BE INSTALLED IF THE CONTRACTOR IS UNSURE OF THE DESIGN INTENT. INSTALLATION OF ANY WORK THAT DOES NOT COMPLY WITH THE DESIGN INTENT, AS DETERMINED BY THE ARCHITECT, SHALL BE SUBJECT TO REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

01.14 ALL CONSTRUCTION, EQUIPMENT, CONTENTS, ETC. SHALL BE PROTECTED BY EACH CONTRACTOR DURING THE ENTIRE PERFORMANCE OF THE WORK. AREAS DISTURBED OR DAMAGED BY THE CONTRACTOR SHALL BE COMPLETELY RESTORED, REPAIRED, OR REPLACED BY THE CONTRACTOR. TO THE OWNER'S COMPLETE SATISFACTION AT NO ADDITIONAL COST.

01.15 ALL UNUSED MATERIAL AND DEBRIS SHALL BE COMPLETELY REMOVED FROM THE SITE AND LEGALLY DISPOSED OF NO ON-SITE STORAGE, BURNING, OR BURIAL OF DEBRIS SHALL BE PERMITTED. THE CONSTRUCTION SITE SHALL BE KEPT IN A CLEAN AND SAFE MANNER, INCLUDING, BUT NOT LIMITED TO DAILY BROOM CLEANING THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT.

TEMPORARY FACILITIES & ACCESS

01.16 CONSTRUCTION ACCESS ROADS, CURB CUTS, SOIL EROSION CONTROL, & THE LOCATION OF ALL TEMPORARY FACILITIES (INCLUDING POWER, TELEPHONE, WATER, WASTE, ETC.) SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR (UNLESS OTHERWISE NOTED), & SHALL BE COORDINATED WITH UTILITY COMPANIES, MUNICIPAL AUTHORITIES, ETC. AS REQUIRED.

PRODUCT REQUIREMENTS

01.17 ALL MATERIALS AND PRODUCTS SHALL BE PROTECTED AND PROPERLY STORED AS PER MANUFACTURER'S RECOMMENDATION. ALL MATERIALS AND PRODUCTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT PRINTED RECOMMENDATIONS TO MAINTAIN THE PROPER WARRANTIES.

01.18 PRIOR TO THE INSTALLATION OF ALL MAJOR BUILDING COMPONENTS, THE PRIME CONTRACTOR(S) SHALL CONDUCT A PRE-INSTALLATION AND COORDINATION MEETING WITH THE MANUFACTURER'S REPRESENTATIVE, INCLUDED IN THE MEETING SHALL BE ANY SUBCONTRACTOR AND PRODUCT MANUFACTURER AFFECTED BY THE SPECIFIC WORK. FAILURE OF THE PRIME CONTRACTOR(S) TO CONDUCT SUCH A MEETING, AND PROPERLY COORDINATE THE PROCESS, SHALL PLACE THE BURDEN FOR ANY & ALL PROBLEMS, RESULTING FROM SAID INSTALLATION, UPON THE PRIME CONTRACTOR(S) RESPONSIBLE FOR THAT PORTION OF THE WORK.

01.19 LONG LEAD ITEMS SHALL BE IDENTIFIED BY THE CONTRACTOR(S) WITH NOTIFICATION TO THE ARCHITECT IN A TIMELY MANNER. FAILURE BY THE CONTRACTOR(S) TO OBTAIN SUBMITTAL APPROVALS, AND TO ORDER LONG LEAD ITEMS, SO AS NOT THE DELAY THE PROGRESS OF THE WORK, WILL NOT JUSTIFY AN EXTENSION OF THE SCHEDULE FOR COMPLETION, NOR WILL IT CAUSE PRODUCT SUBSTITUTIONS IN ORDER TO MEET THE SCHEDULE.

EXECUTION REQUIREMENTS

01.20 MISCELLANEOUS WOOD, COLD FORMED, OR ROLLED STEEL SHAPES, WHETHER BLOCKING OR SUB-FRAMING WHICH ARE REQUIRED FOR THE INSTALLATION OF OTHER ITEMS NECESSARY FOR A COMPLETE PACKAGE SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY INDICATED ON THE DRAWINGS.

01.21 DIMENSIONS GIVEN FOR MASONRY OPENINGS ARE NOMINAL. GENERAL CONTRACTOR(S) SHALL COORDINATE THE FABRICATION OF DOOR, WINDOW, AND VISION PANEL FRAMES AND OTHER ITEMS TO BE INSTALLED IN MASONRY TO ACCOMMODATE ACTUAL DIMENSIONS VERIFIED IN THE FIELD WITH AND WITHOUT MORTAR JOINTS AS THEY OCCUR.

01.22 EACH PRIME CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING & BRACING TO SUPPORT EXISTING OR NEW CONSTRUCTION NOT FULLY SET UNTIL PERMANENT SUPPORTS ARE ERECTED. TAKE ALL NECESSARY MEASURES TO PREVENT COLLAPSE OF ANY ELEMENT OF NEW OR EXISTING CONSTRUCTION.

01.23 EACH PRIME CONTRACTOR SHALL FIRE STOP/SMOKE PROOF ANY/ALL PENETRATIONS AS REQUIRED TO MAINTAIN THE DESIGNATED FIRE RATING/SMOKE PROOFING OF THE CONSTRUCTION WHETHER EXISTING OR NEW. THE GENERAL CONTRACTOR SHALL ALSO EXTEND RATED CONSTRUCTION TO MAINTAIN CONTINUITY OF SAME THROUGH CONCEALED SPACES (VERTICAL & HORIZONTAL) AS REQUIRED.

01.24 ANY/ALL EQUIPMENT PROVIDED SHALL BE INSTALLED TO BE COMPLETELY FUNCTIONAL. EACH PIECE OF EQUIPMENT PROVIDED BY A PRIME CONTRACTOR, REQUIRING SERVICE CONNECTIONS BY ANOTHER PRIME CONTRACTOR SHALL BE COORDINATED BY THE GENERAL CONTRACTOR. STARTUP & TESTING OF EQUIPMENT SHALL BE PERFORMED & DOCUMENTED BY FACTORY AUTHORIZED PERSONNEL.

01.25 DETAILS & SECTIONS ON THE DRAWINGS ARE SHOWN AT SPECIFIC LOCATIONS & ARE INTENDED TO SHOW GENERAL REQUIREMENTS THROUGHOUT. DETAILS NOTED "TYPICAL" IMPLY ALL "LIKE-CONDITIONS" ARE TO BE TREATED SIMILARLY.

01.26 WORK NOT INDICATED IN PART OF THE DRAWING, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST.

01.27 MINOR DETAILS OR INCIDENTAL ITEMS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER & COMPLETE EXECUTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE SPECIFICALLY INDICATED IN THE CONSTRUCTION DOCUMENTS.

CUTTING AND PATCHING

01.28 UNLESS OTHERWISE INDICATED, CUTTING AND PATCHING (EXCEPT FOR FINISHES) IS TO BE PERFORMED BY THE PRIME CONTRACTOR REQUIRING CUTTING AND PATCHING, WHETHER AS SELECTIVE DEMOLITION, OR AS A MEANS OF ACCESSING OR CORRECTING UNSATISFACTORY WORK. PATCHING OF THE SUBSTRATE IS ALSO THE WORK OF THAT PRIME CONTRACTOR, HOWEVER THE PATCHING OF ALL FINISHES EXPOSED TO VIEW IS TO BE DONE BY THE GENERAL CONTRACTOR USING SKILLED TRADESMAN TRAINED FOR PATCHING THE PARTICULAR FINISH INVOLVED.

SUBMITTALS AND SUBSTITUTIONS

01.29 THE PROJECT HAS BEEN DESIGNED TO MEET A CERTAIN PROFESSIONAL STANDARD AND PRODUCTS HAVE BEEN SELECTED TO MEET SUCH STANDARDS. THE PRODUCTS SPECIFIED ARE THE PRODUCTS INTENDED TO BE USED. IN THE EVENT THAT SUBSTITUTIONS ARE SUBMITTED FOR REVIEW, A PROPER COMPARATIVE INFORMATION SHEET SHALL ALSO BE SUBMITTED. ALL REQUESTS FOR SUBSTITUTION SHALL BE MADE WITHIN THE FIRST 90 DAYS AFTER THE CONTRACTOR HAS BEEN AWARDED THE CONTRACT FOR CONSTRUCTION. NO SUBSTITUTION WILL BE CONSIDERED AFTER THIS PERIOD.

01.30 THE PRIME CONTRACTOR SHALL PROVIDE ALL REQUIRED SCHEDULES, SUCH AS BUT NOT LIMITED TO: SUBMISSION SCHEDULE, CONSTRUCTION SCHEDULE, & SCHEDULE OF VALUES PRIOR TO SUBMISSION OF THE FIRST APPLICATION FOR PAYMENT. NO APPLICATION FOR PAYMENT WILL BE APPROVED BY THE ARCHITECT UNTIL THIS PREREQUISITE IS COMPLIED WITH PROPERLY.

01.31 THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SUFFICIENTLY IN ADVANCE OF THE WORK TO ALLOW PROPER TIME FOR REVIEW. MATERIALS SHALL NOT BE FABRICATED OR DELIVERED TO THE SITE BEFORE THE SHOP DRAWINGS HAVE BEEN APPROVED.

01.32 SHOP DRAWINGS SHALL BE REVIEWED BY THE ARCHITECT/ENGINEER FOR BASIC CONFORMANCE TO THE DESIGN INTENT ONLY AFTER PRIOR APPROVAL BY THE RESPONSIBLE PRIME CONTRACTOR. THIS REVIEW DOES NOT RELIEVE THE CONTRACTOR OR HIS RESPONSIBILITY FOR FULL COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DIMENSIONS & CLEARANCES TO BE CONFIRMED & CORRELATED AT THE JOB SITE, FOR MATERIALS QUANTITIES & PROPER FABRICATION, FOR PROPER MEANS & METHODS, FOR PROPER SEQUENCES OF CONSTRUCTION, FOR THE PROPER COORDINATION WITH OTHER TRADES, AND FOR PROVIDING SAFE AND SATISFACTORY CONSTRUCTION OPERATIONS.

01.33 EACH CONTRACTOR IS ADVISED THAT CERTAIN COLOR SCHEDULE SELECTIONS MAY HAVE PREVIOUSLY BEEN MADE, REVIEWED, AND APPROVED BY THE OWNER & RETURNED TO THE CONTRACTOR FOR EXECUTION. ALL CONTRACTORS SHALL TAKE NOTE & HEREAFTER STRONGLY BE ADVISED THAT MATERIAL SUBSTITUTIONS SUBMITTED LATER MAY BE REQUIRED TO BE PROVIDED WITH CUSTOM COLORS, TEXTURES, & FINISHES BASED UPON SELECTIONS PREVIOUSLY APPROVED. MATERIAL SUBSTITUTIONS ARE SUBJECT TO REJECTION SOLELY ON APPEARANCE.

01.34 THE ARCHITECT WILL TAKE APPROPRIATE ACTION UP TO THREE (3) TIMES FOR EACH ITEM SUBMITTED. SUBMITTALS REQUIRING MORE THAN THREE (3) REVIEWS DUE TO INCORRECT OR INCOMPLETE INFORMATION SHALL BE SUBJECT TO A REVIEW FEE FOR EACH SUBSEQUENT SUBMITTAL. THIS FEE SHALL BE AT THE HOURLY RATE OF THE ARCHITECT & ENGINEER, AND SHALL BE PRE-PAID TO THE ARCHITECT BY THE CONTRACTOR PRIOR TO ANY ADDITIONAL CONSIDERATION. FEES PAID SHALL IN NO WAY CONSTITUTE AN OBLIGATION BY THE ARCHITECT TO APPROVE ANY SUBMITTAL THAT IN HIS/HER OPINION DOES NOT COMPLY WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS. FURTHERMORE, ANY SUCH ADDITIONAL REVIEW TIME SHALL NOT BE A BASIS FOR AN EXTENSION OF TIME.

01.35 IF SUBSTITUTIONS ARE APPROVED, THE CONTRACTOR SHALL NOTIFY ALL OTHER TRADES AFFECTED BY THE SUBSTITUTION & FULLY COORDINATE THE IMPACT ON THE PROJECT. ANY ADDITIONAL COST RESULTING FROM SUBSTITUTIONS SHALL BE PAID BY THE CONTRACTOR PROPOSING THE SUBSTITUTION.

STANDARD WARRANTY

01.36 EACH PRIME CONTRACTOR SHALL PROVIDE, AS PART OF ITS REQUIRED CLOSE-OUT DOCUMENTS, A STANDARD WARRANTY COVERING ALL MATERIALS, PRODUCTS, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE ARCHITECT. A STANDARD WARRANTY IS A BASIC REQUIREMENT OF EACH PRIME CONTRACT AND SHALL BE EXTENDED BY SPECIFIC WARRANTY REQUIREMENTS OF THE VARIOUS PRODUCTS AND SYSTEMS AS INDICATED THROUGHOUT THE CONTRACT DOCUMENTS.

DIVISION 02 DEMOLITION

02.01 THE ACTUAL SCOPE OF DEMOLITION SHALL NOT BE LIMITED TO WHAT IS SPECIFICALLY INDICATED ON THE DRAWINGS OR WITHIN THE PROJECT MANUAL, BUT SHALL INCLUDE ANY AND ALL COMPLETE OR SELECTIVE DEMOLITION AS MAY BE NECESSARY TO ACCOMPLISH THE INTENDED CONSTRUCTION. THIS APPLIES TO THE WORK OF ALL TRADES.

DIVISION 05 HANDRAILS & GUARDRAILS

05.01 HANDRAILS & GUARDRAILS ARE SHOWN SCHEMATICALLY TO GIVE LOCATION & GENERAL REQUIREMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE TECHNICAL DESIGN OF SUCH, INCLUDING BUT NOT LIMITED TO POSTS AND RAIL WALL THICKNESS & LOCATION WELDS, MECHANICAL ATTACHMENT, AND ALL CONNECTIONS. THE SYSTEM SHOULD WITHSTAND AN APPLIED LOAD OF 200 LB AT ANY POINT IN ANY DIRECTION AND MEET ALL CODES REGULATION SUCH DESIGN. SHOP DRAWINGS SHALL BE SUBMITTED FOR ARCHITECT'S REVIEW. THIS APPLIES TO BOTH INTERIOR & EXTERIOR CONDITIONS. ALL STAIRS, STEPS, RAMPS, BALCONIES, AND CHANGES IN ELEVATION SHALL BE PROVIDED WITH APPROPRIATE RAIL PROTECTION.

EXTERIOR FERROUS METALS

05.02 ALL FERROUS METAL USED ON OR EXPOSED TO THE EXTERIOR OF THE BUILDING INCLUDING BUT NOT LIMITED TO: STRUCTURAL AND MISCELLANEOUS FRAMING, WINDOWS, DOORS AND FRAMES, HANDRAILS, LINTELS, ETC. SHALL BE HOT-DIPPED AND GALVANIZED PRIOR TO INSTALLATION AND PAINTING.

DIVISION 06 WOOD BLOCKING

06.01 EVERY HOLLOW WALLBOARD PARTITION THAT IS INDICATED TO RECEIVE ANY ACCESSORIES SUCH AS, BUT NOT LIMITED TO, TOILET ACCESSORIES, HANDICAP RAILS, CABINETS, WALL MOUNTED BACK-BOARDS, ETC. SHALL BE PROVIDED WITH SOLID BLOCKING AND REINFORCEMENT WITHIN THE FRAMING TO ADEQUATELY SUPPORT THE INSTALLATION OF SUCH ITEMS.

EXTERIOR WOOD

06.03 ALL WOOD FRAMING LUMBER AND BLOCKING EXPOSED TO THE ELEMENTS OR USED IN CONTACT WITH MASONRY, CONCRETE, AND/OR ROOFING SHALL BE PRESSURE TREATED FOR RESISTANCE TO DETERIORATION FROM MOISTURE.

DIVISION 07 SEALANTS

07.01 ANY AND ALL CONSTRUCTION JOINTS INCLUDING JOINTS BETWEEN DIFFERENT ITEMS AND MATERIALS, JOINTS SURROUNDING PENETRATIONS THROUGH MATERIALS, AND CRACKS WITHIN MATERIALS, ETC., WHETHER ON THE INTERIOR OR EXTERIOR OF THE BUILDING, SHALL BE FILLED WITH AN APPROPRIATE SEALANT AS REQUIRED. ON THE INTERIOR OF THE BUILDING, SAID SEALANT SHALL BE PAINTABLE. ON THE EXTERIOR OF THE BUILDING, SAID SEALANT SHALL BE WEATHERPROOF AND IN A COLOR SELECTED BY THE ARCHITECT.

ROOFING

07.02 PRIOR TO THE START OF ROOF WORK, THE CONTRACTOR IS REQUIRED TO CONDUCT A PRE-INSTALLATION CONFERENCE WITH THE ROOFING MANUFACTURER, THE ROOF INSTALLER, OTHER AFFECTED CONTRACTORS, AND THE ARCHITECT TO DISCUSS IN DETAIL THE INSTALLATION PROCESS. UPON COMPLETION, A WALK-THROUGH MEETING SHALL BE DONE WITH THE CONTRACT DOCUMENTS AND THE MANUFACTURER'S BEST PRACTICE RECOMMENDATIONS FOR THE WARRANTY SPECIFIED.

DIVISION 08 GLASS

08.01 THE PRIME CONTRACTOR SHALL SET A COORDINATION MEETING WITH THE GLASS SUPPLIER & THE ARCHITECT PRIOR TO FABRICATION & INSTALLATION OF GLAZING TO ASSURE THAT PROPER GLASS TYPE (SAFETY, FIRE RATED, WIRED, SPECIALTY, ETC.) IS PROVIDED IN CORRESPONDING LOCATIONS.

DIVISION 09

09.01 UNLESS FACTORY FINISHED, OR OTHERWISE SPECIFICALLY NOTED ON THE CONSTRUCTION DOCUMENTS, ALL EXPOSED SURFACES (BOTH INTERIOR & EXTERIOR OF THE BUILDING) SHALL BE PAINTED/COATED IN COLORS & TEXTURES AS SELECTED BY THE ARCHITECT/OWNER. NO SURFACES ARE TO BE LEFT UNFINISHED UNLESS SPECIFICALLY NOTED ON THE CONTRACT DOCUMENTS.

DIVISION 10 GYM WALL PADS

10.01 THE CONTRACTOR SHALL PROVIDE & COORDINATE LOCATION, THICKNESS, & COLOR OF WALL PADDING AT GYMNASIUM & MULTI-PURPOSE ROOMS.

FIRE EXTINGUISHERS

10.02 FIRE EXTINGUISHER TYPE, CABINET, QUANTITY, AND LOCATION SHALL BE REVIEWED AND COORDINATED BY THE CONTRACTOR WITH THE BUILDING OFFICIAL AND THE FIRE MARSHAL PRIOR TO THE COMMENCEMENT OF WORK TO INSURE COMPLIANCE WITH LOCAL REGULATIONS.

SPECIALTIES

10.03 THE CONTRACTOR SHALL COORDINATE QUANTITIES, LOCATION & POWER NEEDS FOR ALL FOLDING WALLS, PARTITIONS, PROJECTION SCREENS, WALL CLOCKS, & ANY OTHER SPECIALTY ITEMS.

DIVISION 11 EQUIPMENT

11.01 EQUIPMENT SUPPORT MEMBERS AS WELL AS PLUMBING & ELECTRICAL REQUIREMENTS SHALL BE COORDINATED IN A PRE-INSTALLATION CONFERENCE BY THE GENERAL CONTRACTOR WITH SUPPLIER/INSTALLER, ARCHITECT, & ANY OTHER CONTRACTOR AFFECTED BY THIS WORK.

DIVISION 12 FURNISHINGS

12.01 FURNITURE SHOWN ON THE DRAWINGS IS INDICATED SCHEMATICALLY TO DEMONSTRATE ITS APPROXIMATE LOCATION AND THE INTENDED PURPOSE OF THE SPACE. IT IS NOT AN ACCURATE REPRESENTATION OF ACTUAL SIZE OR OTHER SPECIFICS OF THE OWNER'S NEW OR EXISTING FURNITURE. THE CONTRACTOR(S) SHALL COORDINATE WITH THE OWNER AND/OR FURNITURE SUPPLIER/INSTALLER FOR ACTUAL INFORMATION.

MILLWORK & CASEWORK

12.02 CASEWORK & MILLWORK SHALL BE FULLY COORDINATED BY THE CONTRACTOR FOR SIZE, COLOR, TEXTURE/FINISH, FINAL LOCATION, POWER/DATA, & ALL OTHER REQUIREMENTS. SIGN-OFF BY THE OWNER IS REQUIRED PRIOR TO FABRICATION & INSTALLATION.

DIVISION 23 FIRE DAMPERS

23.01 ALL WALLS, FLOORS, CEILINGS, SHAFTS, ETC. THAT ARE DESIGNATED WITH A SMOKE OR FIRE RESISTANCE RATING, OR ARE REQUIRED AS SUCH BY CODE SHALL BE PROVIDED WITH SMOKE OR FIRE DAMPERS WHETHER SHOWN ON THE CONSTRUCTION DOCUMENTS OR NOT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) AFFECTED TO ASSURE THAT THE SMOKE AND FIRE RESISTANCE INTEGRITY IS MAINTAINED WITH CONTINUITY.

ROOF PENETRATIONS

23.02 ALL ROOF PENETRATIONS FOR MECHANICAL ITEMS (PIPES, DUCTS, CURBS, ETC.) SHALL BE FULLY COORDINATED BY THE GENERAL CONTRACTOR FOR EXACT LOCATION, SIZE, SUPPORT, ETC. FAILURE TO COORDINATE THESE ITEMS MAY RESULT IN CHANGES IN THE FIELD AT THE EXPENSE OF THE GENERAL CONTRACTOR.

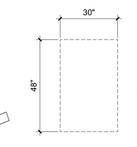
DIVISION 26 ELECTRICAL

26.01 CONVENIENCE & DATA OUTLETS, WALL SWITCHES, AND FIXTURES SHALL BE COORDINATED WITH THE LOCATION OF FURNITURE, MILLWORK, CASEWORK, ETC. PRIOR TO INSTALLATION. FAILURE TO COORDINATE THESE ITEMS MAY RESULT IN CHANGES IN THE FIELD AT THE EXPENSE OF THE PRIME CONTRACTOR.

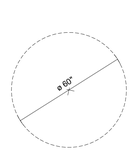
BARRIER FREE LEGEND (ICC/ANSI A117.1 - 2009: ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES)

NOTE: ALL DIMENSIONS IN THIS LEGEND ARE TO THE FINISHED SURFACE UNLESS NOTED OTHERWISE

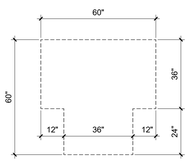

INTERNATIONAL SYMBOL OF ACCESS



CLEAR FLOOR AREA



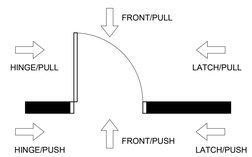
TURNING CIRCLE

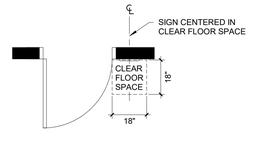


T-SHAPED TURNING AREA

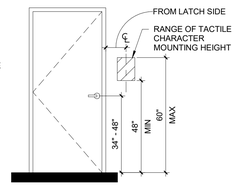
MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS			
TYPE OF USE		MINIMUM MANEUVERING CLEARANCES	
APPROACH DIRECTION	DOOR SIDE	PERPENDICULAR TO DOORWAY	PARALLEL TO DOORWAY (BEYOND LATCH UNLESS NOTED)
FROM FRONT	PULL	60 INCHES	18 INCHES
FROM FRONT	PUSH	48 INCHES	0 INCHES (NOTE 3)
FROM HINGE SIDE	PULL	60 INCHES	36 INCHES
FROM HINGE SIDE	PULL	54 INCHES	42 INCHES
FROM HINGE SIDE	PUSH	42 INCHES (NOTE 1)	22 INCHES (NOTE 3 & 4)
FROM LATCH SIDE	PULL	48 INCHES (NOTE 2)	24 INCHES
FROM LATCH SIDE	PUSH	42 INCHES (NOTE 2)	24 INCHES

NOTES:
1. ADD 6" IF CLOSER AND LATCH PROVIDED.
2. ADD 6" IF CLOSER PROVIDED.
3. ADD 12" BEYOND LATCH IF CLOSER AND LATCH PROVIDED.
4. BEYOND HINGE SIDE.

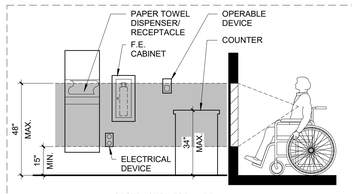




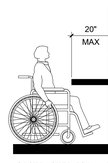
PLAN VIEW DOOR ACCESSORY MOUNTING LOCATION



FRONT VIEW DOOR ACCESSORY MOUNTING HEIGHT



UNOBSTRUCTED FORWARD REACH



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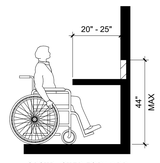

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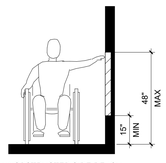
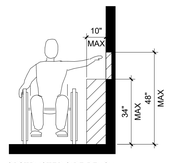
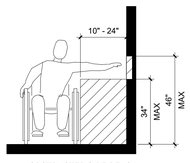


UNOBSTRUCTED SIDE REACH



OBSTRUCTED SIDE REACH



OBSTRUCTED SIDE REACH

**NOT

BUILDING CODE INFORMATION

PENNSYLVANIA ADMINISTRATIVE CODES

APPLICABLE CONSTRUCTION CODES - UCC CODES

BUILDING CODE -
- 2021 INTERNATIONAL BUILDING CODE, WITH MODIFICATIONS

EXISTING BUILDING CODE -
- 2021 INTERNATIONAL EXISTING BUILDING CODE

PLUMBING CODE -
- 2021 INTERNATIONAL PLUMBING CODE (FOR ACCESSIBILITY, CERTAIN SECTIONS OF THE 2021 INTERNATIONAL PLUMBING CODE APPLY)

ELECTRICAL CODE -
- 2021 NATIONAL ELECTRIC CODE (PER CHAPTER 27 OF THE 2018 IBC)

ENERGY CODE -
- 2021 INTERNATIONAL ENERGY CONSERVATION CODE (ASHRAE 90.1), WITH MODIFICATIONS

MECHANICAL CODE -
- 2021 INTERNATIONAL MECHANICAL CODE, WITH MODIFICATIONS

FUEL GAS CODE -
- 2021 INTERNATIONAL FUEL GAS CODE

FIRE CODE-
- 2021 INTERNATIONAL FIRE CODE

BARRIER FREE CODE -
- ANSI A117.1-2009 BARRIER FREE CODE (WITH CHAPTER 11 AND APPENDIX E OF THE 2018 IBC)

CORRECTIONAL GUIDELINES
- AMERICAN CORRECTIONAL ASSOCIATION PERFORMANCE-BASED STANDARDS AND EXPECTED PRACTICES FOR JUVENILE CORRECTIONAL FACILITIES, 5TH ADDITION
- PENNSYLVANIA DEPARTMENT OF CORRECTIONS TITLE 55, CHAPTER 3800

2021 INTERNATIONAL EXISTING BUILDING CODE

CHAPTER 3 : PROVISIONS FOR ALL COMPLIANCE METHODS

301.3 ALTERATION, ADDITION OR CHANGE OF OCCUPANCY. THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS:

301.3.2 WORK AREA COMPLIANCE METHOD. ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.

301.5 COMPLIANCE WITH ACCESSIBILITY. ACCESSIBILITY REQUIREMENTS FOR EXISTING BUILDINGS SHALL COMPLY WITH THE 2009 EDITION OF ICC A117.1

302.4 EXISTING MATERIALS
MATERIALS ALREADY IN USE IN A BUILDING IN COMPLIANCE WITH REQUIREMENTS OR APPROVALS IN EFFECT AT THE TIME OF THEIR ERECTION OR INSTALLATION SHALL BE PERMITTED TO REMAIN IN USE UNLESS DETERMINED BY THE BUILDING OFFICIAL TO BE UNSAFE.

302.5 NEW AND REPLACEMENT MATERIALS
EXCEPT AS OTHERWISE REQUIRED OR PERMITTED,MATERIALS PERMITTED BY THE APPLICABLE CODE FOR NEW CONSTRUCTION SHALL BE USED. LIKE MATERIALS SHALL BE PERMITTED FOR REPAIRS AND ALTERATIONS, PROVIDED THAT UNSAFE CONDITIONS ARE NOT CREATED. HAZARDOUS MATERIALS SHALL NOT BE USED WHERE THE CODE FOR NEW CONSTRUCTION WOULD NOT PERMIT THEIR USE IN BUILDINGS OF SIMILAR OCCUPANCY, PURPOSE AND LOCATION.

305.5 ADDITIONS
PROVISIONS FOR NEW CONSTRUCTION SHALL APPLY TO ADDITIONS. AN ADDITION THAT AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF, A PRIMARY FUNCTION SHALL COMPLY WITH THE REQUIREMENTS IN SECTION 305.7.

305.6 ALTERATIONS
A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE, UNLESS TECHNICALLY INFEASIBLE. WHERE COMPLI-ANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASI-BLE.

305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION
WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES AND DRINK-ING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION.

305.8 SCOPING FOR ALTERATIONS
THE PROVISIONS OF SECTIONS 305.8 SHALL APPLY TO ALTERATIONS TO EXISTING BUILDINGS AND FACILITIES.

CHAPTER 4: REPAIRS

401.1 REPAIRS SHALL COMPLY WITH CURRENT CODE. THE WORK SHALL NOT MAKE THE BUILDING LESS COMPLYING THAN IT WAS BEFORE THE REPAIR WAS UNDERTAKEN.

403.1 FIRE PROTECTION
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.

404.1 MEANS OF EGRESS
REPAIRS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS.

405.2.1 REPAIRS FOR LESS THAN SUBSTANTIAL STRUCTURAL DAMAGE
FOR DAMAGE LESS THAN SUBSTANTIAL STRUCTURAL DAMAGE, THE DAMAGED ELEMENTS SHALL BE PERMITTED TO BE RESTORED TO THEIR PREDAMAGE CONDITION.

405.2.3.2 EXTENT OF REPAIR FOR COMPLIANT BUILDINGS
IF THE EVALUATION ESTABLISHES THAT THE BUILDING IN ITS PREDAMAGE CONDITION COMPLIES,THEN THE DAMAGED ELEMENTS SHALL BE PERMITTED TO BE RESTORED TO THEIR PREDAMAGE CONDITION.

406.1 ELECTRICAL
EXISTING ELECTRICAL WIRING AND EQUIPMENT UNDERGOING REPAIR SHALL BE ALLOWED TO BE REPAIRED OR REPLACED WITH LIKE MATERIAL.

407.1 MECHANICAL
EXISTING MECHANICAL SYSTEMS UNDERGOING REPAIR SHALL NOT MAKE THE BUILDING LESS COMPLYING THAN IT WAS BEFORE THE DAMAGED OCCURRED.

408.1 PLUMBIUNG
PLUMBING MATERIALS AND SUPPLIES SHALL NOT BE USED FOR REPAIRS THAT ARE PROHIBITED IN THE INTERNATIONAL PLUMBING CODE.

CHAPTER 6 : CLASSIFICATION OF WORK

603 ALTERATION LEVEL 2
LEVEL 2 ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.

LEVEL 2 ALTERATIONS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 7 FOR LEVEL 1 ALTERATIONS AS WELL AS THE PROVISIONS OF CHAPTER 8

605 CHANGE OF OCCUPANCY
CHANGE OF OCCUPANCY PROVISIONS APPLY WHERE THE ACTIVITY IS CLASSIFIED AS A CHANGE OF OCCUPANCY AS DEFINED IN CHAPTER 2.

606 ADDITIONS
PROVISIONS FOR ADDITIONS SHALL APPLY WHERE WORK IS CLASSIFIED AS AN ADDITION AS DEFINED IN CHAPTER 2. ADDITIONS TO EXISTING BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF CHAPTER 11.

CHAPTER 7- ALTERATIONS LEVEL 1

701.2 CONFORMANCE.
AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.

EXCEPTION: WHERE THE CURRENT LEVEL OF SAFETY OR SANITATION IS PROPOSED TO BE REDUCED, THE PORTION ALTERED SHALL CONFORM TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

702.1 INTERIOR FINISHES
NEWLY INSTALLED INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CHAPTER 8 OF THE INTERNATIONAL BUILDING CODE

702.3 INTERIOR TRIM.
NEWLY INSTALLED INTERIOR TRIM MATERIALS SHALL COMPLY WITH SECTION 806 OF THE INTERNATIONAL BUILDING CODE

703.1 FIRE PROTECTION GENERAL.
ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF FIRE PROTECTION PROVIDED.

705 REROOFING
MATERIALS AND METHODS OF APPLICATION USED FOR RECOVERING OR REPLACING AN EXISTING ROOF COVERING SHALL COMPLY WITH THIS SECTION AND THE REQUIREMENTS OF CHAPTER 15 OF THE INTERNATIONAL BUILDING CODE

706 STRUCTURAL
WHERE ALTERATION WORK INCLUDES REPLACEMENT OF EQUIPMENT THAT IS SUPPORTED BY THE BUILDING OR WHERE A REROOFING PERMIT IS REQUIRED, THE PROVISIONS OF THIS SECTION SHALL APPLY.

CHAPTER 8- ALTERATIONS LEVEL 2

801.3 COMPLIANCE
NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

EXCEPTIONS:

1.WHERE WINDOWS ARE ADDED THEY ARE NOT REQUIRED TO COMPLY WITH THE LIGHT AND VENTILATION REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

2.NEWLY INSTALLED ELECTRICAL EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF SECTION 807.

3.THE LENGTH OF DEAD-END CORRIDORS IN NEWLY CONSTRUCTED SPACES SHALL ONLY BE REQUIRED TO COMPLY WITH THE PROVISIONS OF SECTION 805.6.

4.THE MINIMUM CEILING HEIGHT OF THE NEWLY CREATED HABITABLE AND OCCUPIABLE SPACES AND CORRIDORS SHALL BE 7 FEET (2134 MM).

802.2.1 EXISTING VERTICAL OPENINGS
EXISTING INTERIOR VERTICAL OPENINGS CONNECTING TWO OR MORE FLOORS SHALL BE ENCLOSED WITH APPROVED ASSEMBLIES HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR WITH APPROVED OPENING PROTECTIVES.

803.1 FIRE PROTECTION SCOPE
THE REQUIREMENTS OF THIS SECTION SHALL BE LIMITED TO WORK AREAS IN WHICH LEVEL 2 ALTERATIONS ARE BEING PERFORMED, AND WHERE SPECIFIED THEY SHALL APPLY THROUGHOUT THE FLOOR ON WHICH THE WORK AREAS ARE LOCATED OR OTHERWISE BEYOND THE WORK AREA.

803.4.1.4 GROUP I-3
A FIRE ALARM SYSTEM SHALL BE INSTALLED IN WORK AREAS OF GROUP I-3 OCCUPANCIES AS REQUIRED BY THE INTERNATIONAL FIRE CODE.

805 MEANS OF EGRESS
THE MEANS OF EGRESS SHALL COMPLY WITH THE REQUIREMENTS OF THIS SECTION

805.6 DEAD-END CORRIDORS.
DEAD-END CORRIDORS IN ANY WORK AREA SHALL NOT EXCEED 35 FEET (10 670 MM).

EXCEPTION 1.WHERE DEAD-END CORRIDORS OF GREATER LENGTH ARE PERMITTED BY THE INTERNATIONAL BUILDING CODE.

805.10.1.2 GROUP I-3.
IN GROUP I-3 OCCUPANCIES, THE REQUIRED CAPACITY OF THE REFUGE AREAS FOR SMOKE COMPARTMENTS IN ACCORDANCE WITH SECTION 408.6.2 OF THE INTERNATIONAL BUILDING CODE SHALL BE MAINTAINED.

810.1 ENERGY CONSERVATION MINIMUM REQUIREMENTS.
LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

CHAPTER 11- ADDITIONS

1101.2 CREATION OR EXTENSION OF NONCONFORMITY.
AN ADDITION SHALL NOT CREATE OR EXTEND ANY NONCONFORMITY IN THE EXISTING BUILDING TO WHICH THE ADDITION IS BEING MADE WITH REGARD TO ACCESSIBILITY, STRUCTURAL STRENGTH, FIRE SAFETY, MEANS OF EGRESS, OR THE CAPACITY OF MECHANICAL, PLUMBING, OR ELECTRICAL SYSTEMS.

1101.3 OTHER WORK.
ANY REPAIR OR ALTERATION WORK WITHIN AN EXISTING BUILDING TO WHICH AN ADDITION IS BEING MADE SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS FOR THE WORK AS CLASSIFIED IN CHAPTER 6.

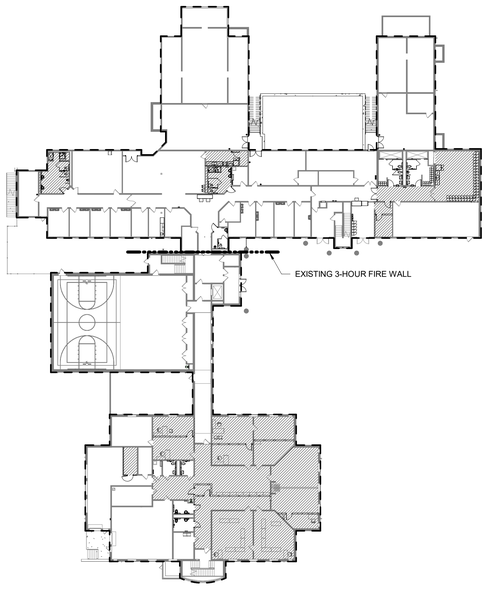
1102.1 HEIGHT LIMITATIONS.
AN ADDITION SHALL NOT INCREASE THE HEIGHT OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS.

1102.3 FIRE PROTECTION SYSTEMS.
EXISTING FIRE AREAS INCREASED BY THE ADDITION SHALL COMPLY WITH CHAPTER 9 OF THE INTERNATIONAL BUILDING CODE.

1102.2 AREA LIMITATIONS.
AN ADDITION SHALL NOT INCREASE THE AREA OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE FOR NEW BUILDINGS UNLESS FIRE SEPARATION AS REQUIRED BY THE INTERNATIONAL BUILDING CODE IS PROVIDED.

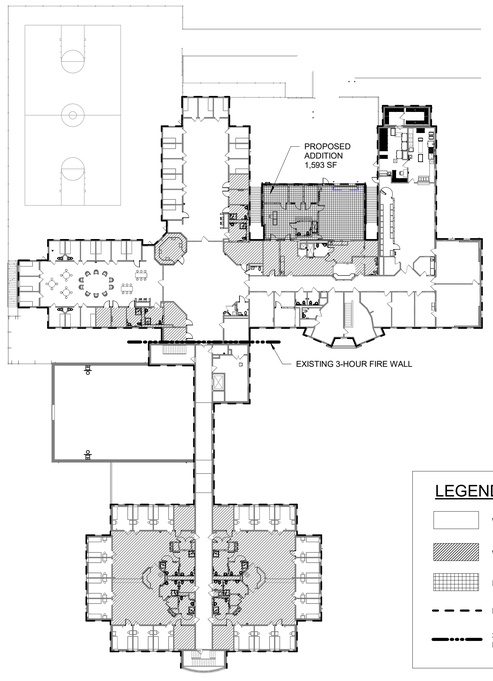
1107.1 ENERGY CONSERVATION MINIMUM REQUIREMENTS.
ADDITIONS TO EXISTING BUILDINGS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE OR INTERNATIONAL RESIDENTIAL CODE AS THEY RELATE TO NEW CONSTRUCTION.

BUILDING AREA	BUILDING OVERALL FOOTPRINT	WORK AREA FOOTPRINT
EXISTING BUILDING AREA (A) FIRST FLOOR	**15,947**	**1,635(11%)**
EXISTING BUILDING AREA (B) FIRST FLOOR	**14,254**	**5,060 (36%)**
EXISTING BUILDING AREA (A) SECOND FLOOR	**16,570**	**2,188 (14%)**
WITH ADDITION	**18,163** (1,593+16,570)	**3,781 (21%)**(1,593+2,188)
EXISTING BUILDING AREA (B) SECOND FLOOR	**10,621**	**4,698 (43%)**
TOTALS	**32,517** EXISTING BUILDING AREA (A) FIRST AND SECOND FLOOR	**3,823 (12%)**
	34,110 EXISTING BUILDING AREA (A) FIRST AND SECOND FLOOR WITH ADDITION	**5,416 (16%)**
	24,875 EXISTING BUILDING AREA (B) FIRST AND SECOND FLOOR	**9,758 (40%)**



BUILDING A BUILDING FOOTPRINT: 15,947 SF
BUILDING B BUILDING FOOTPRINT: 14,254 SF

1 FIRST FLOOR OVERALL WORK AREA PLAN
SCALE: 1/32" = 1'-0"



BUILDING A BUILDING FOOTPRINT: 18,163 SF
BUILDING B BUILDING FOOTPRINT: 10,621 SF
PROPOSED ADDITION: 1,593 SF

2 SECOND FLOOR OVERALL WORK AREA PLAN
SCALE: 1/32" = 1'-0"

LEGEND
- WORK AREAS- ALTERATION LEVEL 1
- WORK AREAS- ALTERATION LEVEL 2
- PROPOSED ADDITION
- BUILDING FOOTPRINT AREAS
- 3-HOUR FIRE WALL BUILDING SEPARATION

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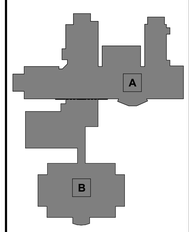

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

BUILDING CODE ANALYSIS - IEBC

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-010
Drawn By: JR	Checked By: APL

10/9/2026 12:29:19 AM

2021 INTERNATIONAL BUILDING CODE

CHAPTER 3: USE AND OCCUPANCY CLASSIFICATION

IBC REFERENCE	USE GROUP CLASSIFICATION
308.4	INSTITUTIONAL GROUP I-3 USE CONDITION I , LOWER LEVEL (BUILDING A) USE CONDITION III , LOWER/UPPER LEVEL (BUILDING B) AND UPPER LEVEL (BUILDING A)

CHAPTER 4: SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

408 GROUP I-3
OCCUPANCIES IN GROUP I-3 SHALL COMPLY WITH THE PROVISIONS OF SECTIONS 408.1 THROUGH 408.11

408.2 OTHER OCCUPANCIES.
DETENTION AND CORRECTIONAL FACILITIES (GROUP I-3) THAT LOCK REQUIRED MEANS OF EGRESS CAN BE CLASSIFIED AS A DIFFERENT OCCUPANCY IF THEY MEET THE SAFETY REQUIREMENTS FOR THAT NEW CLASSIFICATION, BUT ALL MEANS OF EGRESS MUST ALWAYS CONFORM, AT MINIMUM, TO THE STRICTER REQUIREMENTS OF THE I-3 OCCUPANCY.

EXCEPTION: IT IS PERMISSIBLE TO EXIT THROUGH A HORIZONTAL EXIT INTO OTHER CONTIGUOUS OCCUPANCIES THAT DO NOT CONFORM TO DETENTION AND CORRECTIONAL OCCUPANCY EGRESS PROVISIONS BUT THAT DO COMPLY WITH REQUIREMENTS SET FORTH IN THE APPROPRIATE OCCUPANCY, AS LONG AS THE OCCUPANCY IS NOT A GROUP H USE.

408.3 MEANS OF EGRESS.
EXCEPT AS MODIFIED OR AS PROVIDED FOR IN THIS SECTION, THE MEANS OF EGRESS PROVISIONS OF CHAPTER 10 SHALL APPLY.

408.3.1 DOOR WIDTH.
DOORS TO RESIDENT SLEEPING UNITS SHALL HAVE A CLEAR WIDTH OF NOT LESS THAN 28 INCHES (711 MM).

408.3.7 SALLYPORTS
A SALLYPORT SHALL BE PERMITTED IN A MEANS OF EGRESS WHERE THERE ARE PROVISIONS FOR CONTINUOUS AND UNOBSTRUCTED PASSAGE THROUGH THE SALLYPORT DURING AN EMERGENCY EGRESS CONDITION.

408.4 LOCKS
EGRESS DOORS ARE PERMITTED TO BE LOCKED IN ACCORDANCE WITH THE APPLICABLE USE CONDITION.

408.4.1 REMOTE RELEASE
REMOTE RELEASE OF LOCKS ON DOORS IN A MEANS OF EGREE SHALL BE PROVIDED WITH RELIABLE MEANS OF OPERATION

408.5.1 FLOOR OPENINGS.
OPENINGS IN FLOORS WITHIN A HOUSING UNIT ARE PERMITTED WITHOUT A SHAFT ENCLOSURE

408.6 SMOKE BARRIER
I-3 BUILDINGS REQUIRE A SMOKE BARRIER TO DIVIDE EACH BUILDING INTO TWO OR MORE SMOKE COMPARTMENTS
TWO COMPARTMENTS REQUIRED IF 50 OR MORE OCCUPANTS
MAX 200 OCCUPANTS PER COMPARTMENT AT 6 SF/OCCUPANT

408.7 SECURITY GLAZING
WINDOWS AND DOORS IN 1-HOUR FIRE BARRIERS, FIRE PARTITIONS AND SMOKE BARRIERS SECURITY GLAZING PERMITTED IN LIEU OF FIRE RATED GLAZING PROVIDED:

1. MAXIMUM 1296 SQIN OF GLAZING
2. PROTECTED ON BOTH SIDES WITH SPRINKLERS
3. GASKETED FRAME
4. NO OBSTRUCTION BETWEEN SPRINKLERS AND GLAZING

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS

ALLOWABLE HEIGHTS AND AREAS

USE GROUP	ALLOWABLE HEIGHT AND STORIES: TABLES 504.3 & 504.4	ALLOWABLE AREA: TABLE 506.2	MAXIMUM HEIGHT AND STORIES PERMITTED WITH SPRINKLER INCREASE	MAXIMUM AREA PERMITTED WITH SPRINKLER INCREASE
I-3	55' 1 STORY	7,500 SF	75' 2 STORIES	22,500 SF

		AREA A	AREA B
EXISTING HEIGHT AND STORIES		± 42'-0" 2 STORIES	± 50'-0" 2 STORIES
EXISTING AREA	1ST	15,947 SF	14,254 SF
	2ND	16,570 SF	10,621 SF
PROPOSED AREA	1ST	N/A	N/A
	2ND	1,593 SF	N/A

505.2.1 MEZZANINES, AREA LIMITATION
AGGREGATE AREA OF A MEZZANINE OR MEZZANINES WITHIN A ROOM SHALL NOT EXCEED 1/3 OF THE FLOOR AREA OF THE ROOM OR SPACE IN WHICH THEY ARE LOCATED.

508.2 ACCESSORY OCCUPANCIES
ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES THAT ARE ANCILLARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF.

508.2.3 AREA LIMITATIONS
NOT MORE THAN 10% OF THE BUILDING AREA OF THE STORY IN WHICH THEY ARE LOCATED AND SHALL NOT EXCEED TABLE 506.2.

508.2.4 SEPARATION OF OCCUPANCIES
NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCY.
EXCEPTION: INCIDENTAL ACCESSORY OCCUPANCIES PER SECTION 509

508.3 NONSEPARATED OCCUPANCIES
BUILDINGS OR PORTIONS OF BUILDINGS THAT COMPLY WITH THE PROVISIONS OF THIS SECTION SHALL BE CONSIDERED AS NONSEPARATED OCCUPANCIES.

508.3.1 OCCUPANCY CLASSIFICATION
INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1
MOST RESTRICTIVE APPLICABLE PROVISIONS OF SECTION 503 AND CHAPTER 9 SHALL APPLY TO THAT PORTION OF THE BUILDING.

508.3.3 SEPARATION
NO SEPARATION IS REQUIRED BETWEEN NONSEPARATED OCCUPANCIES AND THE MAIN OCCUPANCY.

508.4 SEPARATED OCCUPANCIES

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES

OCCUPANCY	A,E	I-3	B
A,E	N	1	1
I-3	1	N	1
B	1	1	N
BUILDING FULLY SPRINKLERED, N= NO SEPARATION REQUIRMENTS			

509 INCIDENTAL USES

ROOM/AREA	SEPARATION AND/OR PROTECTION
LAUNDRY ROOMS OVER 100 SQFT	1 HOUR OR AUTOMATIC SPRINKLER SYSTEM

CHAPTER 6: TYPES OF CONSTRUCTION

IBC REFERENCE	CONSTRUCTION CLASSIFICATION
602.3	III-B (FULLY SPRINKLERED)

TABLE 601 - FIRE-RESISTANCE RATING OF BUILDING ELEMENTS

BUILDING ELEMENT	REQUIRED RATING	PROVIDED RATING
STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS & TRUSSES	0 HOUR	0 HOUR
BEARING WALLS EXTERIOR INTERIOR	2 HOUR 0 HOUR	2 HOUR 0 HOUR
NONBEARING WALLS AND PARTITIONS EXTERIOR INTERIOR	SEE TABLE 602 0 HOUR	SEE TABLE 602 0 HOUR
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS & JOISTS	0 HOUR	0 HOUR
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0 HOUR	0 HOUR

TABLE 602/705.8 COMBINED - FIRE-RESISTANCE RATING OF EXTERIOR WALLS/MAXIMUM AREA OF EXTERIOR WALL OPENINGS

EXTERIOR WALL	FIRE SEPARATION DISTANCE	REQUIRED FIRE RESISTANCE RATING	MAXIMUM AREA EXTERIOR WALL OPENINGS	PROVIDED AREA EXTERIOR WALL OPENINGS
NORTH	≥30' FT	0 HOUR	NO LIMIT	NOT CALCULATED
SOUTH	≥30' FT	0 HOUR	NO LIMIT	NOT CALCULATED
EAST	≥30' FT	0 HOUR	NO LIMIT	NOT CALCULATED
WEST	≥30' FT	0 HOUR	NO LIMIT	NOT CALCULATED

NOTE: READ SECTION 705.8 FOR APPLICABLE INDIVIDUAL EXCEPTIONS.

CHAPTER 7: FIRE-RESISTIVE CONSTRUCTION

703.7 MARKING AND IDENTIFICATION
FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS, AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. WORDING TO BE REPEATED IN INTERVALS NOT TO EXCEED 30 FEET.

705 EXTERIOR WALLS - SEE CHAPTER 6

706 FIRE WALLS

707.3.2/1023.1 EXIT ENCLOSURE
CONNECTING LESS THAN 4 STORIES 1 HOUR

707.3.7 INCIDENTAL ACCESSORY SPACES – COMPLY WITH TABLE 509

713 SHAFT ENCLOSURES
CONNECTING LESS THAN 4 STORIES 1 HOUR

TABLE 716.1(2) OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

TYPE OF ASSEMBLY	REQUIRED WALL ASSEMBLY RATING	MINIMUM FIRE DOOR AND FIRE SHUTTER ASSEMBLY RATING	DOOR VISION PANEL SIZE	FIRE-RATED GLAZING MARKING DOOR VISION PANEL	MINIMUM SIDELIGHT/ TRANSOM ASSEMBLY RATING		FIRE-RATED GLAZING MARKING SIDELIGHT/ TRANSOM PANEL	
					FIRE PROTECTION	FIRE RESISTANCE	FIRE PROTECTION	FIRE RESISTANCE
FIRE WALLS	3 HOURS	3 HOURS	SEE NOTE A	D-H-W-180	NOT PERMITTED	3 HOURS	NOT PERMITTED	W-180
FIRE BARRIERS HAVING A 1 HOUR RATING INCL. SHAFTS, EXIT ENCLOSURES	1 HOURS	1 HOURS	100 SQFT	≤100 SQ. IN. = D-H-60 >100 SQ. IN.=D-H-T-W-60	NOT PERMITTED	1 HOUR	NOT PERMITTED	W-60
OTHER FIRE BARRIERS	1 HOURS	3/4 HOURS	MAX SIZE TESTED	D-H-45	3/4 HOURS	D-H-OH-45	3/4 HOURS	D-H-OH-45
FIRE PARTITIONS: CORRIDOR WALLS SEE TABLE 1020	1 HOURS	1/3 HOURS	MAX SIZE TESTED	D-20	3/4 HOURS	D-H-OH-45	3/4 HOURS	D-H-OH-45
OTHER FIRE PARTITIONS	1 HOURS	3/4 HOURS	MAX SIZE TESTED	D-H-45	3/4 HOURS	D-H-45	3/4 HOURS	D-H-45
EXTERIOR WALLS	2 HOURS	1 1/2 HOURS	MAX SIZE TESTED	D-H-45	3/4 HOURS	D-H-45	3/4 HOURS	D-H-45
SMOKE BARRIERS	1 HOURS	1/3 HOURS	MAX SIZE TESTED	D-20	3/4 HOURS	D-H-OH-45	3/4 HOURS	D-H-OH-45

NOTES:
A. FIRE RESISTANCE RATED GLAZING TESTED TO ASTM E119 IN ACCORDANCE WITH SECTION 716.1.2.3 SHALL BE PERMITTED, IN THE MAXIMUM SIZE TESTED.
B. UNDER THE COLUMN HEADING "FIRE-RATED GLAZING MARKING DOOR VISION PANEL," W REFERS TO THE FIRE-RESISTANCE RATING OF THE GLAZING, NOT THE FRAME.
C. SEE SECTION 716.1.2.2.1 AND TABLE 716.1(1) FOR ADDITIONAL PERMITTED MARKINGS.
H. FIRE-PROTECTION-RATED GLAZING IS NOT PERMITTED FOR FIRE BARRIERS REQUIRED BY SECTION 1207 OF THE INTERNATIONAL FIRE CODE TO ENCLOSE ENERGY STORAGE SYSTEMS. FIRE-RESISTANCE-RATED GLAZING ASSEMBLIES TESTED TO ASTM E119 OR UL 263, AS SPECIFIED IN SECTION 716.1.2.3, SHALL BE PERMITTED.

718.1 CONCEALED SPACES: FIREBLOCKING AND DRAFTSTOPPING SHALL BE INSTALLED IN COMBUSTIBLE CONCEALED LOCATIONS

718.5 COMBUSTIBLE MATERIALS IN CONCEALED SPACES IN TYPE I OR II CONSTRUCTION

CHAPTER 8: INTERIOR FINISHES

IBC REFERENCE	CLASSIFICATION	FLAME SPREAD	SMOKE DEVELOPMENT
803.1.2	CLASS A INTERIOR FINISH:	0-25	0-450
	CLASS B INTERIOR FINISH:	26-75	0-450
	CLASS C INTERIOR FINISH:	76-200	0-450

TABLE 803.13 - INTERIOR WALL AND CEILING FINISH REQUIREMENTS

LOCATION	OCCUPANCY	REQUIREMENT
INTERIOR EXIT STAIRWAYS AND EXIT PASSAGEWAYS	I-3	CLASS A
CORRIDORS	I-3	CLASS C
ROOMS OR ENCLOSED SPACES	I-3	CLASS C

IBC REFERENCE	INTERIOR FLOOR FINISH CLASSIFICATION
804.2	CLASS I INTERIOR FLOOR FINISH/COVERING: 0.45 WATTS/CM2 OR GREATER CLASS II INTERIOR FLOOR FINISH/COVERING: 0.22 WATTS/CM2 OR GREATER (CLASSIFICATION AS DETERMINED BY NFPA 253)

CHAPTER 9: FIRE PROTECTION SYSTEMS

902/913 FIRE PUMP + RISER ROOM SIZE / FIRE PUMPS

		REQUIRED	PROVIDED
903	AUTOMATIC SPRINKLER SYSTEMS GROUP I-3	YES	YES
905	STANDPIPE SYSTEMS GROUP I-3	NO	YES
906	PORTABLE FIRE EXTINGUISHERS GROUP I-3	YES	YES

TABLE 906.1 - ADDITIONAL REQUIRED PORTABLE FIRE EXTINGUISHERS IN THE INTERNATIONAL FIRE CODE

TABLE 906.3(1) - FIRE EXTINGUISHER SIZE AND PLACEMENT FOR CLASS A HAZARDS IN ACCORDANCE WITH NFPA 10

	LIGHT (LOW) HAZARD OCCUPANCY	ORDINARY (MODERATE) HAZARD OCCUPANCY	EXTRA (HIGH) HAZARD OCCUPANCY
MINIMUM RATED SINGLE EXTINGUISHER	2-A	2-A	4-A
MAXIMUM FLOOR AREA PER UNIT OF A	3000 SF.	1500 SF.	1000 SF.
MAXIMUM FLOOR AREA FOR EXTINGUISHER	11,250 SF.	11,250 SF.	11,250 SF.
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER	75 FT.	75 FT.	75 FT.

		REQUIRED	PROVIDED
907	MANUAL FIRE ALARM SYSTEM GROUP I-3	YES	YES
	AUTOMATIC SMOKE DETECTION SYSTEM GROUP I-3	YES	YES
	SMOKE ALARMS GROUP I-3	YES	YES
907.5	OCCUPANT NOTIFICATION SYSTEM GROUP I-3	YES	YES

914 EMERGENCY RESPONDER SAFETY FEATURES
SHAFTWAY MARKINGS REQUIRED
EQUIPMENT ROOM SIGNAGE REQUIRED

915 CARBON MONOXIDE DETECTION
REQUIRED IN E, I-1, I-2,I-4, E AND R OCCUPANCIES AND IN ACCORDANCE WITH IFC

918 EMERGENCY RESPONDER RADIO COVERAGE
REQUIRED IN ACCORDANCE WITH IFC

CHAPTER 10: MEANS OF EGRESS

TABLE 1004.5 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	FLOOR AREA IN SQUARE FOOT PER OCCUPANT
ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	300 GROSS
ASSEMBLY WITHOUT FIXED SEATS	
CONCENTRATED (CHAIRS ONLY—NOT FIXED)	7 NET
STANDING SPACE	5 NET
UNCONCENTRATED (TABLES AND CHAIRS)	15 NET
BUSINESS AREAS	150 GROSS
EDUCATIONAL CLASSROOM AREA	20 NET
EXERCISE ROOMS	50 GROSS
INSTITUTIONAL AREAS SLEEPING AREAS	120 GROSS
KITCHEN	200 GROSS
RESIDENTIAL	200 GROSS

TABLE 1006.2.1 SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY

OCCUPANCY	MAXIMUM OCCUPANT LOAD	MAXIMUM COMMON PATH
B	49 PERSONS	100'
E	49 PERSONS	75'
I-3	10 PERSONS	100'

TABLE 1006.3.2 MINIMUM NUMBER OF EXITS FOR OCCUPANT LOAD PER STORY

OCCUPANT LOAD PERSONS PER STORY	MINIMUM NUMBER OF EXITS PER STORY
1-500	2
501-1000	3
MORE THAN 1000	4

1009 ACCESSIBLE MEANS OF EGRESS
NOT LESS THAN 2 ACCESSIBLE MEANS OF EGRESS PER FLOOR
REQUIRED CLEAR WIDTH OF 48" BETWEEN HANDRAILS NOT REQUIRED AT EXIT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.

1009.6 AREAS OF REFUGE
AREAS OF REFUGE ARE NOT REQUIRED AT STAIRWAYS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

1010 DOORS, GATES, AND TURNSTILES

1010.1.2.1 DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS

1016.2 EGRESS THROUGH INTERVENING SPACES
EGRESS FROM A ROOM OR SPACE SHALL NOT PASS THRU ADJOINING OR INTERVENING ROOMS OR AREAS, EXCEPT WHERE SUCH ADJOINING ROOMS OR AREAS AND THE AREA SERVED ARE ACCESSORY TO ONE ANOTHER, ARE NOT GROUP H OCCUPANCY AND PROVIDE A DISCERNIBLE PATH OR EGRESS TRAVEL TO AN EXIT.

TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE WITH SPRINKLER SYSTEM

OCCUPANCY	MAXIMUM DISTANCE
I-3	250 FEET

TABLE 1020.1 CORRIDOR FIRE RESISTANCE RATING WITH SPRINKLER SYSTEM

OCCUPANCY	OCCUPANT LOAD SERVED	FIRE-RESISTANCE RATING
I-3	GREATER THAN 10	0.5 HOURS

1025 LUMINOUS EGRESS PATH MARKINGS.

1028 EXIT DISCHARGE
EXCEPTION 1: A MAXIMUM OF 50 PERCENT OF THE NUMBER AND CAPACITY OF THE EXIT ENCLOSURES ARE PERMITTED TO EGRESS THRU AREAS ON THE LEVEL OF EXIT DISCHARGE PROVIDED ALL OF THE FOLLOWING ARE MET:

1.1 FREE AND UNOBSTRUCTED PATH OF TRAVEL TO AN EXTERIOR DOOR AND SUCH EXIT IS READILY VISIBLE AND IDENTIFIABLE FROM THE POINT OF TERMINATION OF THE EXIT ENCLOSURE
1.2 ENTIRE AREA OF THE LEVEL OF EXIT DISCHARGE IS SEPARATED FROM AREAS BELOW BY CONSTRUCTION CONFORMING TO THE FIRE-RESISTANCE RATING FOR THE EXIT ENCLOSURE
1.3 EGRESS PATH FROM THE EXIT ENCLOSURE ON THE LEVEL OF EXIT DISCHARGE IS PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM.

1028.5 THE EXIT DISCHARGE SHALL PROVIDE A DIRECT AND UNOBSTRUCTED ACCESS TO A PUBLIC WAY.

PLUMBING FIXTURES

TABLE 403.1 OF THE INTERNATIONAL PLUMBING CODE

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES

OCCUPANCY				WATER CLOSETS		LAVATORIES		SHOWERS/ TUBS	DRINKING FOUNTAINS	SERVICE SINKS
CLASSIFICATION	TOTAL	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE			
INSTITUTIONAL - DETENTION CENTER	78	39	39	1/15 1 PER 6	1/15 1 PER 6	1/15 1 PER 6	1/15 1 PER 6	1/15 1 PER 6	1/100	1
BUSINESS	89	43	43	1 PER 25 FOR THE FIRST 50, THEN 1 PER 50		1 PER 40 FOR THE FIRST 80 THEN, 1 PER 80		-	1/100	1
EDUCATIONAL	218	109	109	1/50	1/50	1/50	1/50	-	1/100	1
ASSEMBLY- GYM	68	34	34	1/125	1/65	1/200	1/200	-	1/500	1
RESIDENTIAL- NON TRANSIENT	16	8	8	1/10	1/10	1/10	1/10	1/8	1/100	1
TOTAL REQUIRED				10	10	10	10	8	12	5
TOTAL PROVIDED				32	32	33	33	20	16	5

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

BUILDING CODE ANALYSIS

Scale: 12" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-011
Drawn By: JR	Checked By: APL

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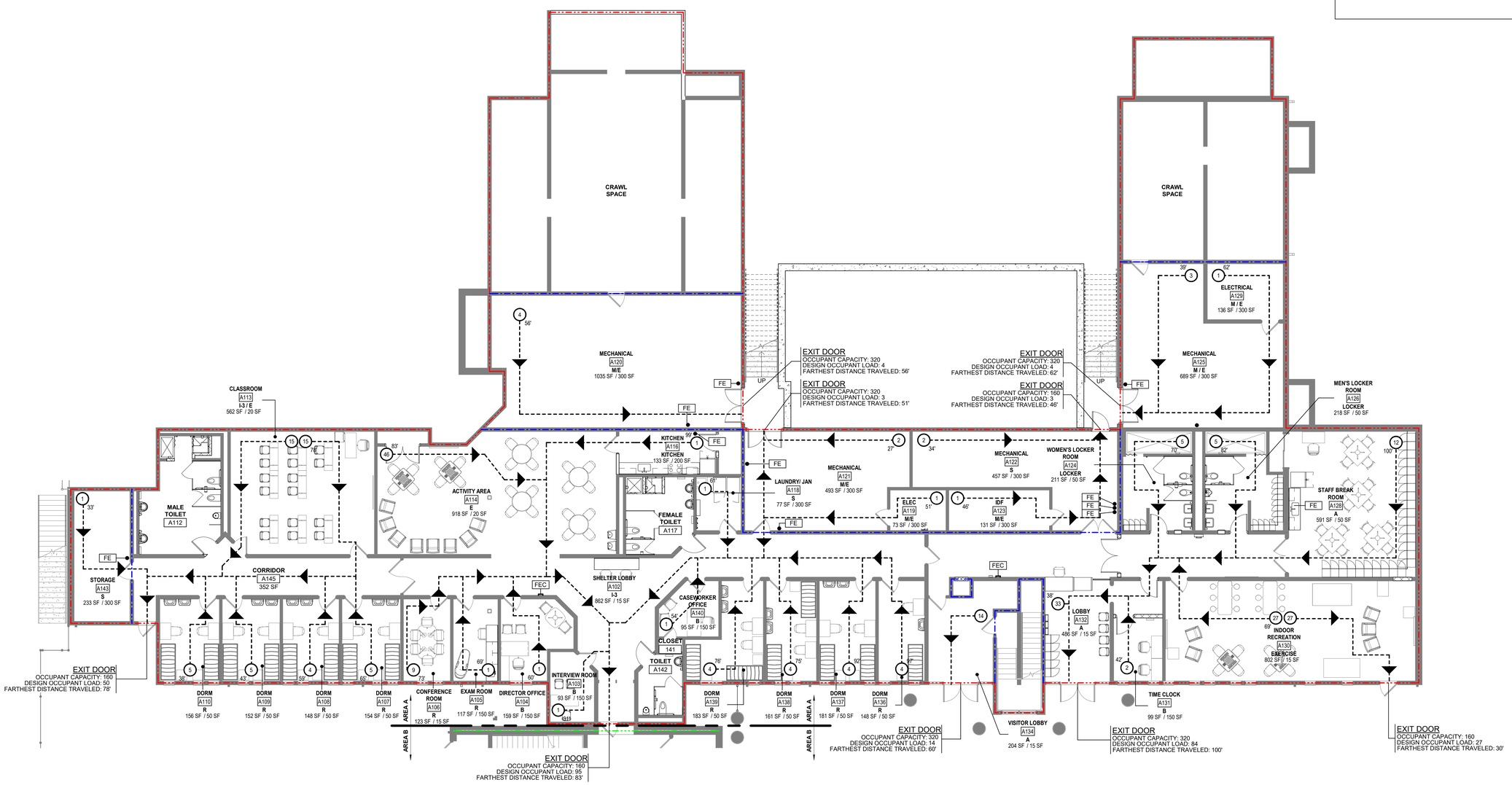
LEGEND

- X' - X" — DENOTES FINAL FINISHED FLOOR ELEVATION
- INTERNATIONAL SYMBOL OF ACCESS
- ROOM NAME / XXX / OCCUPANCY / AREA / xxx SF — ROOM + OCCUPANCY INFORMATION
- XX FT — DISTANCE TRAVELED (FEET)
- (XXX) — NUMBER OF OCCUPANTS EXITING
- PATH OF EGRESS TRAVEL
- DIRECTION OF EGRESS TRAVEL
- 1-HOUR RATED PARTITION
- 2-HOUR RATED PARTITION
- 3-HOUR RATED FIRE WALL
- PARTITION DESIGNED TO RESIST THE PASSAGE OF SMOKE
- FE — FIRE EXTINGUISHER (WALL MOUNTED)
- FEC — FIRE EXTINGUISHER CABINET (SEMI-RECESSED)



1 PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA A
SCALE: 1/8" = 1'-0"

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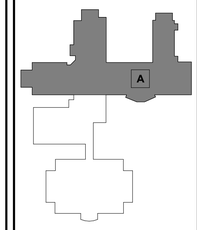

BUILDING KEY PLAN

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-012
Drawn By: JR	Checked By: APL

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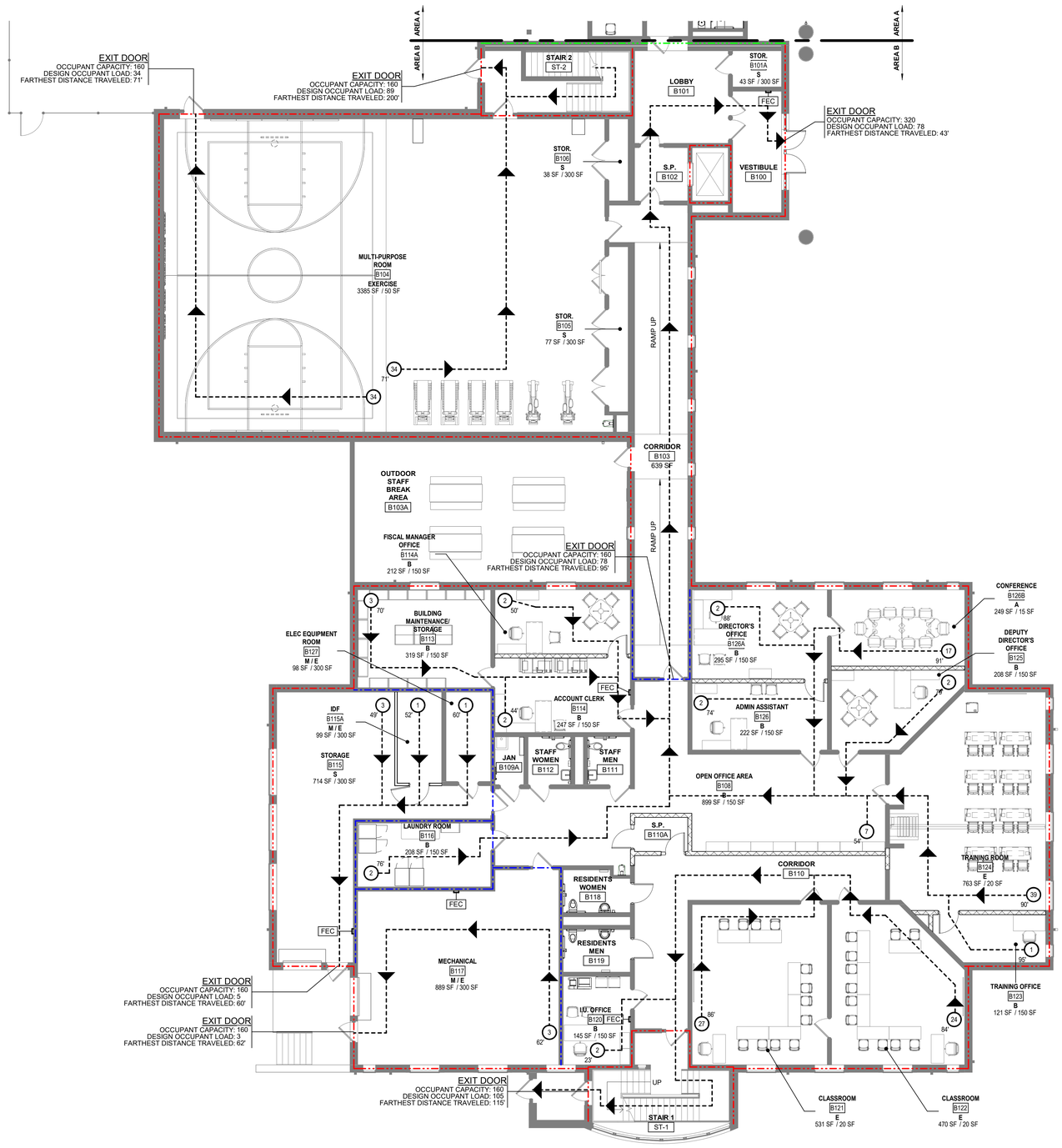

1 PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA B
SCALE: 1/8" = 1'-0"

LEGEND

- X' - X" — DENOTES FINAL FINISHED FLOOR ELEVATION
- INTERNATIONAL SYMBOL OF ACCESS
- ROOM NAME / XXX / OCCUPANCY / AREA / xxx SF — ROOM + OCCUPANCY INFORMATION
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- (XX) — NUMBER OF OCCUPANTS EXITING
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- DIRECTION OF EGRESS TRAVEL
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- PARTITION DESIGNED TO RESIST THE PASSAGE OF SMOKE
- FE — FIRE EXTINGUISHER (WALL MOUNTED)
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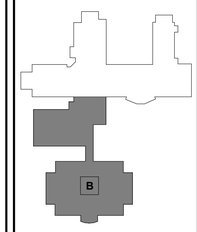

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FOR

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR LIFE SAFETY + EGRESS PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-013
Drawn By: JR	Checked By: APL

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LEGEND

- X' - X" — DENOTES FINAL FINISHED FLOOR ELEVATION
- INTERNATIONAL SYMBOL OF ACCESS
- ROOM NAME / XXX / OCCUPANCY / AREA / xxx SF — ROOM + OCCUPANCY INFORMATION
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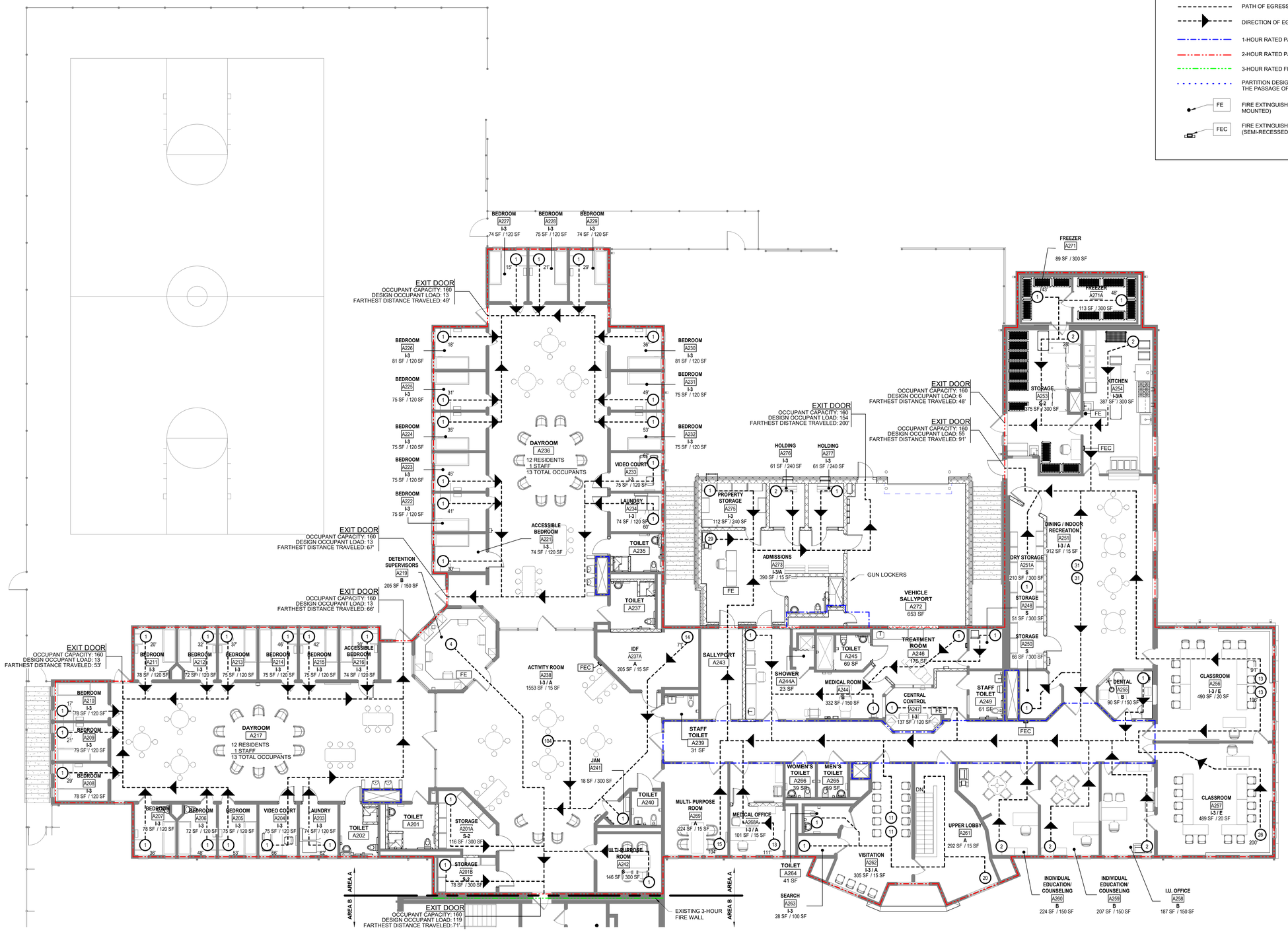

1 PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA A
SCALE: 1/8" = 1'-0"

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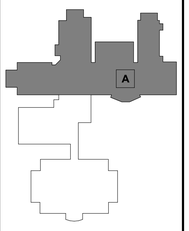

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FOR

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No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-014
Drawn By: JR	Checked By: APL

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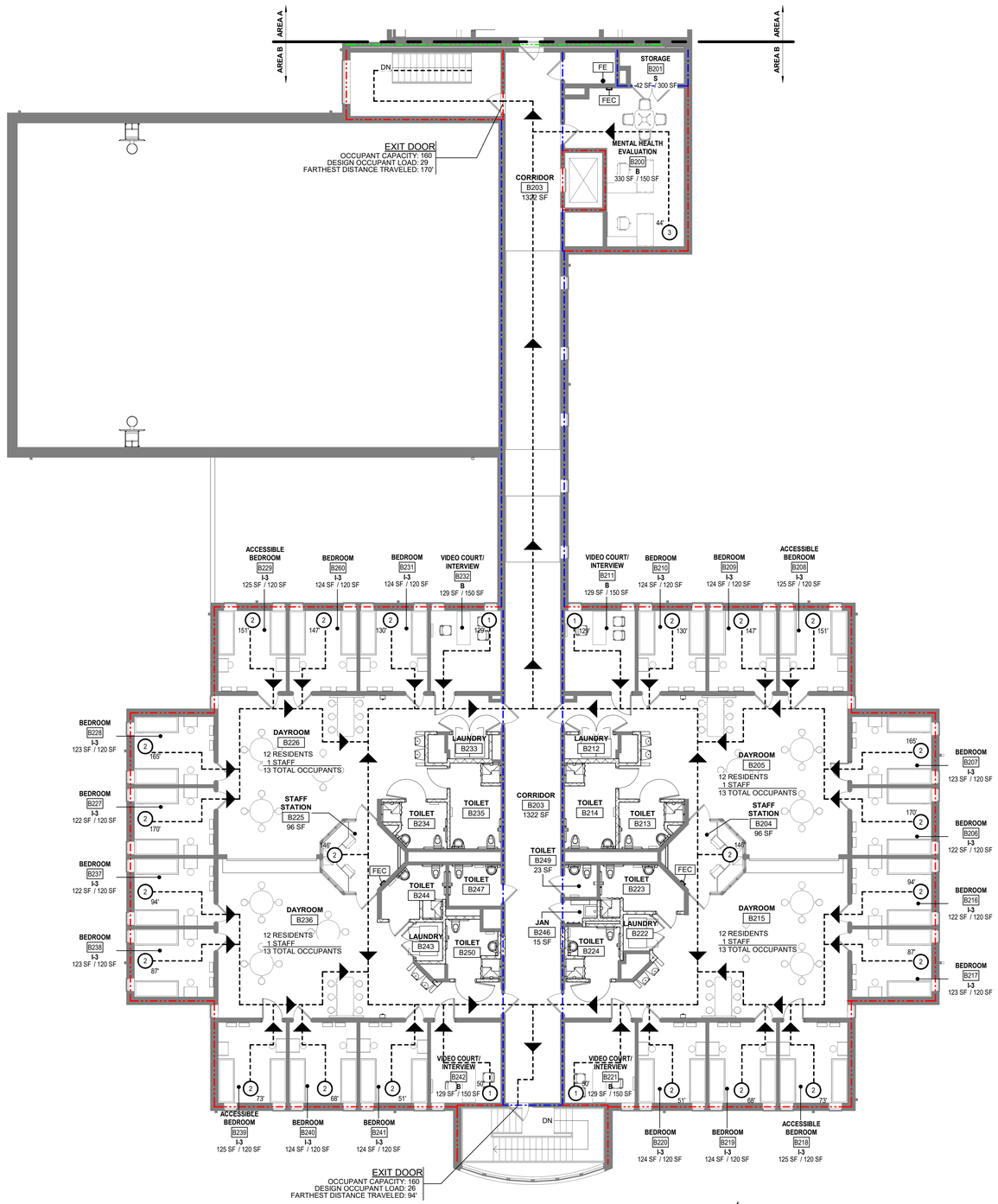

1 PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA B
SCALE: 1/8" = 1'-0"

LEGEND

- X' - X" — DENOTES FINAL FINISHED FLOOR ELEVATION
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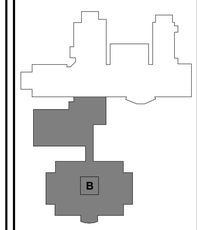

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL SECOND FLOOR LIFE SAFETY + EGRESS PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-015
Drawn By: JR	Checked By: APL

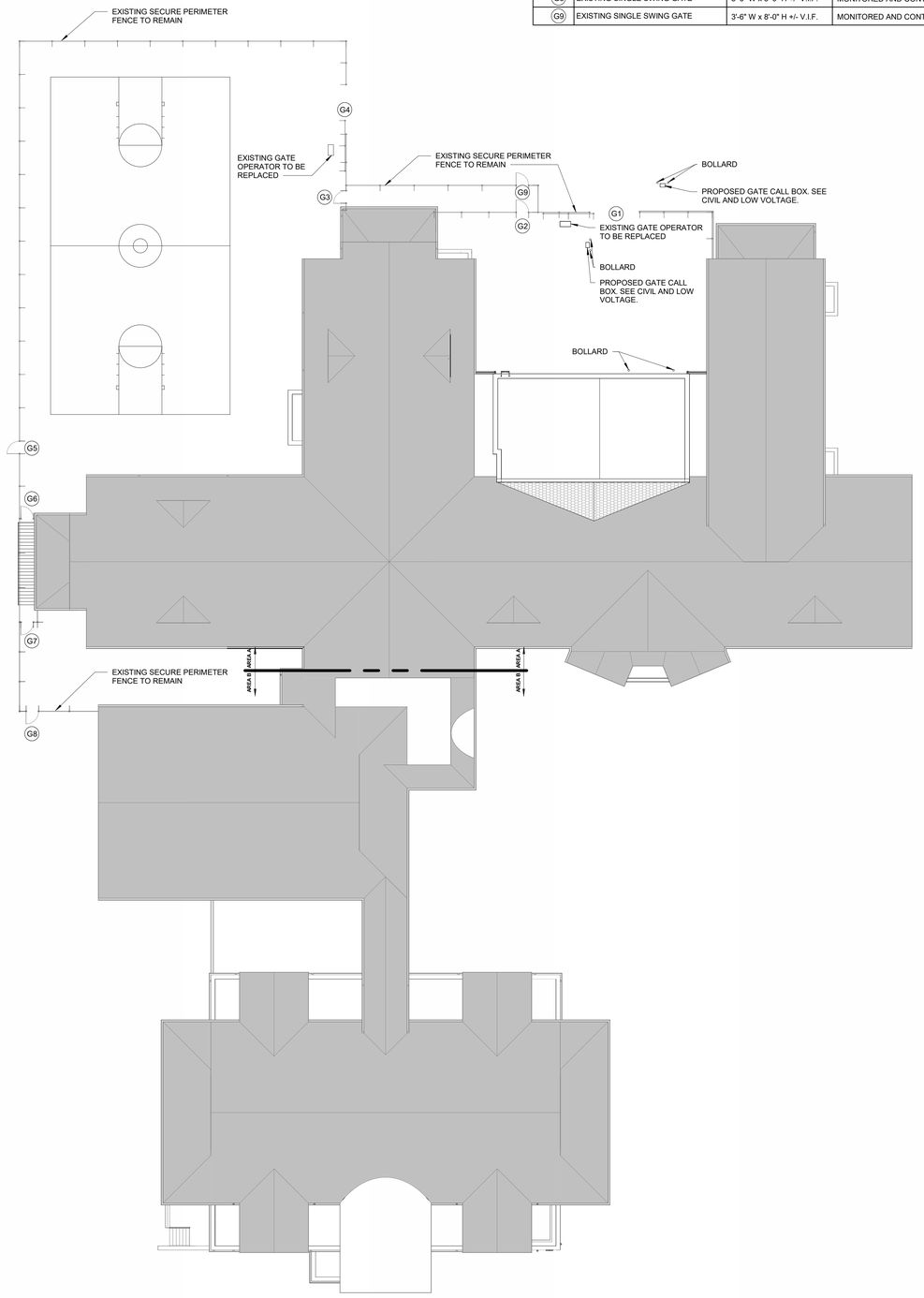
10/9/2026 12:29:39 AM

SECURITY FENCE / GATE SCHEDULE

KEYNOTE	TYPE	GATE DIMENSIONS	MONITOR AND CONTROL	INTERLOCK	HARDWARE	GATE LOCATION
G1	EXISTING SINGLE SLIDING GATE	14'-0" W x 14'-6" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G2	SEE SPECIFICATIONS	AREA A - VEHICLE SALLYPORT AREA
G2	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G1, G3, G9	S07	AREA A - VEHICLE SALLYPORT AREA
G3	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G2, G4, G5, G6, G9	S07	AREA A - OUTDOOR RECREATION AREA
G4	EXISTING SINGLE SLIDING GATE	14'-0" W x 14'-6" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G3, G5, G6	SEE SPECIFICATIONS	AREA A - OUTDOOR RECREATION AREA
G5	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G3, G4, G6	S07	AREA A - OUTDOOR RECREATION AREA
G6	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G3, G4, G5	S07	AREA A - COURTYARD
G7	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G6, G8	S07	AREA A - COURTYARD
G8	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G7	S07	AREA B - COURTYARD
G9	EXISTING SINGLE SWING GATE	3'-6" W x 8'-0" H +/- V.I.F.	MONITORED AND CONTROLLED BY CENTRAL CONTROL	G2, G3	S07	AREA A - VEHICLE SALLYPORT AREA

GENERAL NOTES

1. GENERAL CONTRACTOR TO REMOVE EXISTING MECHANICAL LOCKS ON PEDESTRIAN GATES, CLEAN EXISTING STEEL PLATES, PROVIDE STAINLESS STEEL COVER PLATE OVER EXISTING LOCK OPENING AND PREPARE EXISTING GATE TO RECEIVE PROPOSED HARDWARE.
2. CONTRACTOR TO PAINT ALL EXISTING SITE LIGHT POLES.



1 OVERALL PERIMETER FENCE PLAN
SCALE: 1/16" = 1'-0"

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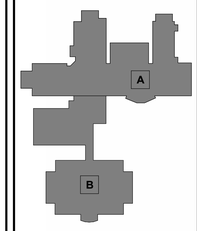

BUILDING KEY PLAN

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TO THE

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
OVERALL PERIMETER FENCE PLAN

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-016
Drawn By: MSC	Checked By: APL

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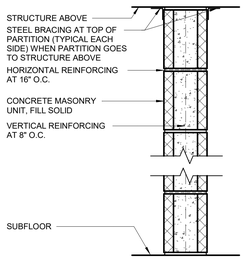
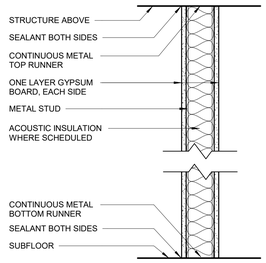


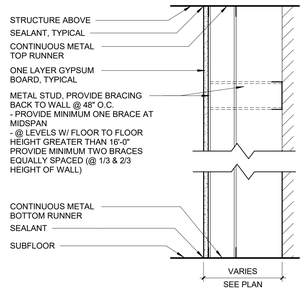
MARK	NOMINAL SIZE	MASONRY HEIGHT	TOTAL PARTITION THICKNESS	ACOUSTIC INSULATION	STC RATING	FIRE RATING / UL DESIGN NO.
A5	6"	4'-0" ABOVE FINISHED FLOOR. SOLID BULLNOSE CAP	5 5/8"	-	-	-
A6	6"	FULL HEIGHT TO STRUCTURE ABOVE	5 5/8"	-	-	-
A6.1	6"	FULL HEIGHT TO STRUCTURE ABOVE	6 5/8"	-	-	1 HR UL NO. U906
A7	8"	4'-0" ABOVE FINISHED FLOOR. SOLID BULLNOSE CAP	7 5/8"	-	-	-
A8	8"	FULL HEIGHT TO STRUCTURE ABOVE	7 5/8"	-	-	-
A8.1	8"	FULL HEIGHT TO STRUCTURE ABOVE	7 5/8"	-	-	1 HR UL NO. U905

A GYPSUM PARTITION WALL TYPE



MARK	STUD SIZE	GYP. BD. THICKNESS	GYPSUM BOARD HEIGHT	TOTAL PARTITION THICKNESS	ACOUSTIC INSULATION	STC RATING	FIRE RATING / UL DESIGN NO.
B1	3-5/8"	5/8"	FULL HEIGHT TO STRUCTURE ABOVE	4 7/8"	NO	-	-

B GYPSUM PARTITION WALL TYPE

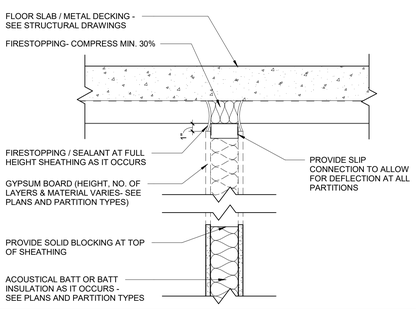


MARK	STUD SIZE	GYP. BD. THICKNESS	GYPSUM BOARD HEIGHT	TOTAL PARTITION THICKNESS	ACOUSTIC INSULATION	STC RATING	FIRE RATING / UL DESIGN NO.
C1	3-5/8"	5/8"	FULL HEIGHT TO STRUCTURE ABOVE	4 1/4"	NO	-	-
C4	6"	5/8"	FULL HEIGHT TO STRUCTURE ABOVE	4 5/8"	NO	-	-
C6	2-1/2"	5/8"	FULL HEIGHT TO STRUCTURE ABOVE	3 1/8"	NO	-	-

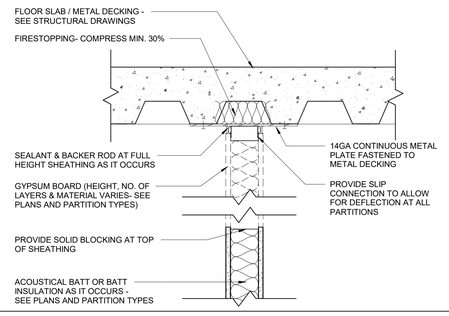
C GYPSUM PARTITION WALL TYPE

MARK	NOMINAL SIZE	MASONRY HEIGHT	TOTAL PARTITION THICKNESS	ACOUSTIC INSULATION	STC RATING	FIRE RATING / UL DESIGN NO.
E8	8"	FULL HEIGHT TO STRUCTURE ABOVE	7 5/8"	-	-	-

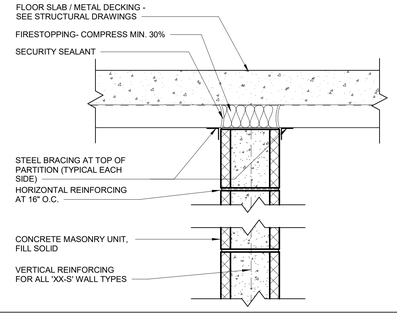
E MASONRY WALL TYPE



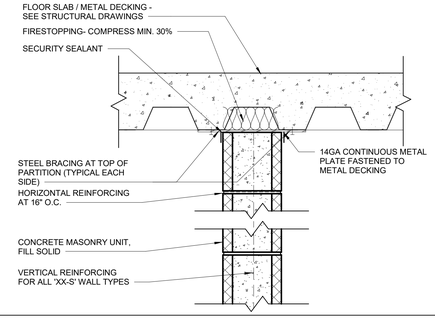
TYPICAL METAL STUD PARTITION HEAD DETAIL - PERPENDICULAR TO DECK



TYPICAL METAL STUD PARTITION HEAD DETAIL - PARALLEL TO DECK



TYPICAL CMU PARTITION HEAD DETAIL - PERPENDICULAR TO DECK



TYPICAL CMU PARTITION HEAD DETAIL - PARALLEL TO DECK

PARTITION NOTES:

1. WALL TYPES ARE NUMBERED SEQUENTIALLY. IF WALL TYPES SKIP SEQUENCE, WALL TYPE IS NOT USED.
2. SPACE ELECTRICAL BOXES AND SERVICE BOXES FOR A/V, DATA, ETC. ON OPPOSITE SIDES OF WALLS AT LEAST 24" AND ONE STUD CAVITY APART.
3. SPACE RECESSED ACCESSORIES INCLUDING RECESSED MIRRORS AND FIRE EXTINGUISHER CABINETS ON OPPOSITE SIDES OF WALLS AT LEAST 24" AND ONE STUD CAVITY APART.
4. PROVIDE METAL BACKING AT WALL-MOUNTED ACCESSORIES, HANDRAILS, EQUIPMENT ETC.
5. USE 5/8" GLASS MAT FACED WATER-RESISTANT GYPSUM BOARD AT ALL STUD WALLS RECEIVING CERAMIC TILE.
6. PROVIDE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AT 24'-0" TO 30'-0" MAX INTERVALS.
7. TOP TRACKS OF METAL STUD PARTITIONS SHOULD BE SLOTTED TO PROVIDE A SLIP JOINT CONNECTION OF THE STUDS TO THE TOP TRACK.
8. FIRE STOPPING SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDED METHODS FOR THE REQUIRED FIRE RATING OF A WALL ASSEMBLY.
9. PROVIDE CONTINUOUS FIRE STOPPING AT RUNNERS WHERE FIRE RATING IS SCHEDULED.
10. ALL SEALANT USED IN SECURE AREAS TO BE PICK-RESISTANT, TYPICAL.

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TO THE

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Drawing Title

PARTITION TYPE SCHEDULE + DETAILS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-020
Drawn By: MW	Checked By: APL

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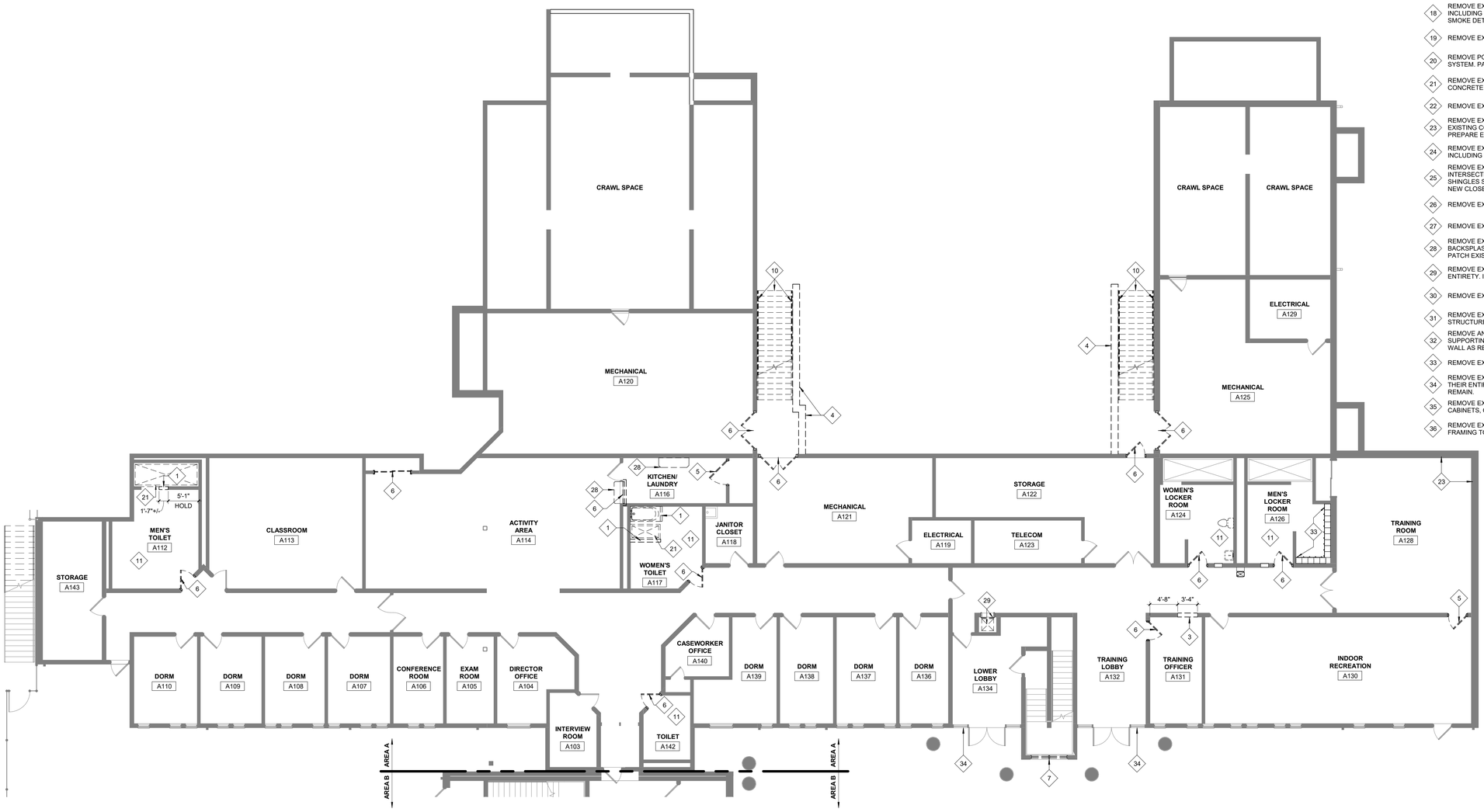

1 PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"

EXISTING TO REMAIN

TO BE REMOVED

GENERAL DEMOLITION NOTES:

1. CONTRACTOR MUST INSTALL AND MAINTAIN PLASTIC DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION TO PROTECT THE GENERAL PUBLIC FROM DUST AND FUMES. LOCATE PARTITIONS REQUIRED TO PROTECT ADJACENT AREAS AND EQUIPMENT, AND CONTINUE EGRESS THROUGH THE SPACE. CONTRACTOR SHALL PROVIDE TEMPORARY EXIT WAYS AS REQUIRED BY LOCAL CODE ENFORCEMENT OFFICIAL DURING CONSTRUCTION.

2. DO NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH SPACE AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. VERIFY ALL DIMENSIONS WITHIN THE CONTRACT LIMITS. BRING DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT. THE EXTENT OF DEMOLITION AND REMOVAL INCLUDES, BUT IS NOT LIMITED TO WORK SHOWN ON THE DRAWINGS. COORDINATE W/ MECHANICAL, ELECTRICAL, PLUMBING & STRUCTURAL DRAWINGS.

3. REMOVE ANY MISCELLANEOUS PROJECTIONS, HANGERS, BOLTS, SCREWS AND NAILS FROM EXISTING SURFACES TO REMAIN. PATCH AND PREPARE SURFACES TO RECEIVE NEW FINISH.

4. PATCH AND REPAIR ALL ADJACENT SURFACES WHICH ARE AFFECTED BY THE DEMOLITION OR REMOVAL OF ACCESSORIES TO THEIR ORIGINAL FORM AND PREPARE FOR NEW FINISH. COORDINATE WITH FINISH DRAWINGS.

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6. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL COORDINATE SEQUENCE AND SCHEDULES FOR ALL WORK AND RELOCATION OR DISPOSAL OF ALL MATERIALS WITH OWNER.

7. DEMOLITION PLANS ARE DIAGRAMMATIC. PRIOR TO SUBMITTING BID, GENERAL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND BRING ANY AREAS IN QUESTION TO THE ATTENTION OF THE ARCHITECT.

8. CONTRACTOR TO PROTECT EXISTING TO REMAIN WORK FROM DAMAGE. ANY DAMAGE TO WORK THAT IS EXISTING TO REMAIN TO BE FULLY RESTORED.

9. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS AND HARD CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING. REFER TO FIRE PROTECTION DRAWINGS.

10. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

SELECTIVE DEMOLITION LEGEND:

- X — DEMOLITION SCOPE OF WORK ITEM TYPICAL THROUGHOUT ENTIRE ROOM / AREA
- X — DEMOLITION SCOPE OF WORK ITEM AT A SPECIFIC LOCATION

1. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITIONS AS INDICATED FROM FLOOR TO UNDERSIDE OF STRUCTURE.
2. REMOVE EXISTING METAL STUD PARTITION IN ITS ENTIRETY.
3. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITION FOR PROPOSED OPENING.
4. REMOVE EXISTING CONCRETE MASONRY UNIT SITE WALL IN ITS ENTIRETY.
5. REMOVE EXISTING DOOR, INCLUDING FRAME AND HARDWARE. REMOVE SIDELITE AND GLAZING WHERE THEY OCCUR.
6. REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE AND RETURN TO OWNER. EXISTING FRAME TO REMAIN.
7. REMOVE EXISTING WINDOW, INCLUDING FRAME AND HARDWARE.
8. REMOVE EXISTING GLAZING. EXISTING FRAME TO REMAIN.
9. REMOVE EXISTING COLUMN IN ITS ENTIRETY. SEE STRUCTURAL
10. REMOVE EXISTING CONCRETE EXTERIOR STAIRS, HANDRAILS AND ALL RELATED ACCESSORIES IN ITS ENTIRETY.
11. REMOVE EXISTING TOILET ROOM ACCESSORIES, GRAB BARS, MIRROR, RELATED HARDWARE, MILLWORK, TOILET PARTITIONS, ETC. IN ITS ENTIRETY.
12. REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.
13. REMOVE EXISTING FLOOR MOUNTED METAL BUNK IN ITS ENTIRETY. EXISTING BUILT-IN CONCRETE MASONRY UNIT BUNK TO REMAIN.
14. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
15. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. SALVAGE ALL CEILING TILES AND RETURN TO OWNER. SALVAGE LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC. FOR REINSTALLATION.
16. REMOVE EXISTING SECURE METAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
17. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS, HARD CEILINGS AND ACOUSTICAL PANEL CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING.
18. REMOVE EXISTING GYPSUM BOARD CEILING IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
19. REMOVE EXISTING PORTION OF CEILING. PATCH AS REQUIRED.
20. REMOVE PORTION OF EXISTSING ACOUSTICAL PANEL CEILING SYSTEM. PATCH AS REQUIRED.
21. REMOVE EXISTING TILE FLOOR IN ITS ENTIRETY DOWN TO THE CONCRETE SLAB.
22. REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY.
23. REMOVE EXISTING MASONRY WATERPROOFING COATING FROM EXISTING CONCRETE MASONRY UNIT WALL IN IT'S ENTIRETY. PREPARE EXISTING WALL TO RECEIVE PROPOSED FINISH.
24. REMOVE EXISTING GABLE ROOF OVERHANG IN ITS ENTIRETY, INCLUDING ALL SUPPORTING STRUCTURE.
25. REMOVE EXISTING ASPHALT SHINGLES ALONG THE EXISTING ROOF INTERSECTION TO ACCOMMODATE NEW ROOF TIE-IN. STRIP BACK SHINGLES SUFFICIENTLY TO ALLOW FOR THE INSTALLATION OF A NEW CLOSED WOVEN VALLEY AT THE ROOF SEAM
26. REMOVE EXISTING GUTTERS AND DOWNSPOUTS
27. REMOVE EXISTING EIFS BAND AND SIGNAGE.
28. REMOVE EXISTING COUNTER INCLUDING ALL SUPPORT BRACKETS, BACKSPLASH, SIDESPLASH AND ACCESSORIES IN ITS ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
29. REMOVE EXISTING DUMBWAITER AND ACCESSORIES IN ITS ENTIRETY. INCLUDING FRAME AND OVERHEAD DOOR.
30. REMOVE EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY.
31. REMOVE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE IN IT'S ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
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34. REMOVE EXISTING VINYL GRAPHICS FROM EXISTING GLAZING IN THEIR ENTIRETY. EXISTING GLAZING AND WINDOW SYSTEM TO REMAIN.
35. REMOVE EXISTING CASEWORK AND MILLWORK INCLUDING CABINETS, COUNTERS, ETC. IN ITS ENTIRETY.
36. REMOVE EXISTING EXTERIOR GYPSUM SOFFIT. EXISTING SUPPORT FRAMING TO REMAIN.

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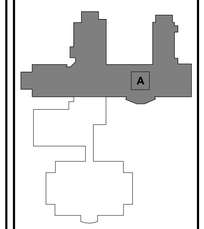

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

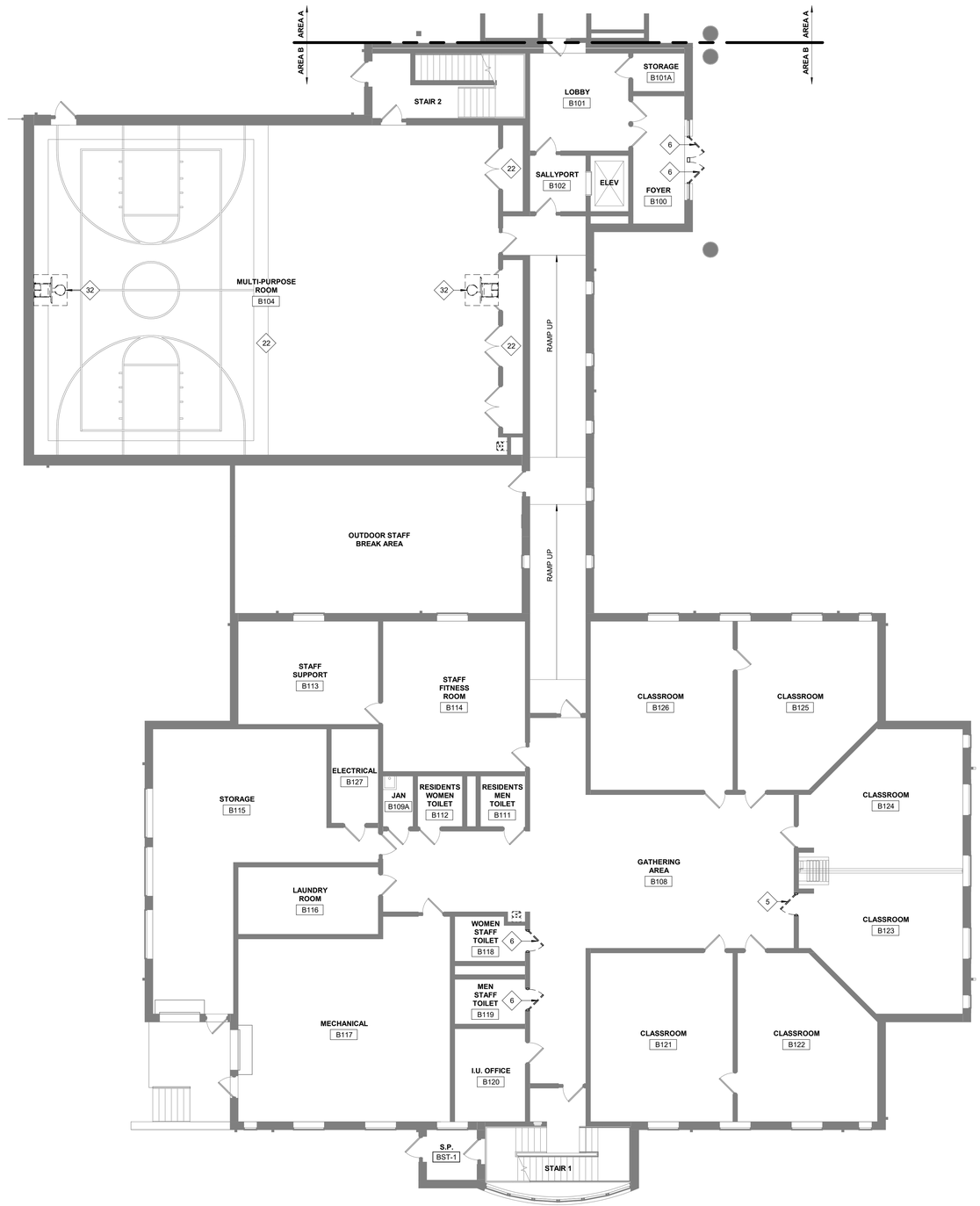
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-051
Drawn By: MW	Checked By: APL

10/9/2026 12:29:48 AM



1 PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B
SCALE: 1/8" = 1'-0"

EXISTING TO REMAIN

TO BE REMOVED

GENERAL DEMOLITION NOTES:

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34. REMOVE EXISTING VINYL GRAPHICS FROM EXISTING GLAZING IN THEIR ENTIRETY. EXISTING GLAZING AND WINDOW SYSTEM TO REMAIN.
35. REMOVE EXISTING CASEWORK AND MILLWORK INCLUDING CABINETS, COUNTERS, ETC. IN ITS ENTIRETY.
36. REMOVE EXISTING EXTERIOR GYPSUM SOFFIT. EXISTING SUPPORT FRAMING TO REMAIN.

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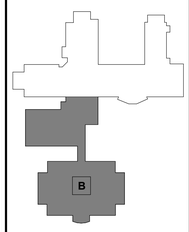

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

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KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL FIRST FLOOR DEMOLITION PLAN - AREA B

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-052
Drawn By: MW	Checked By: APL

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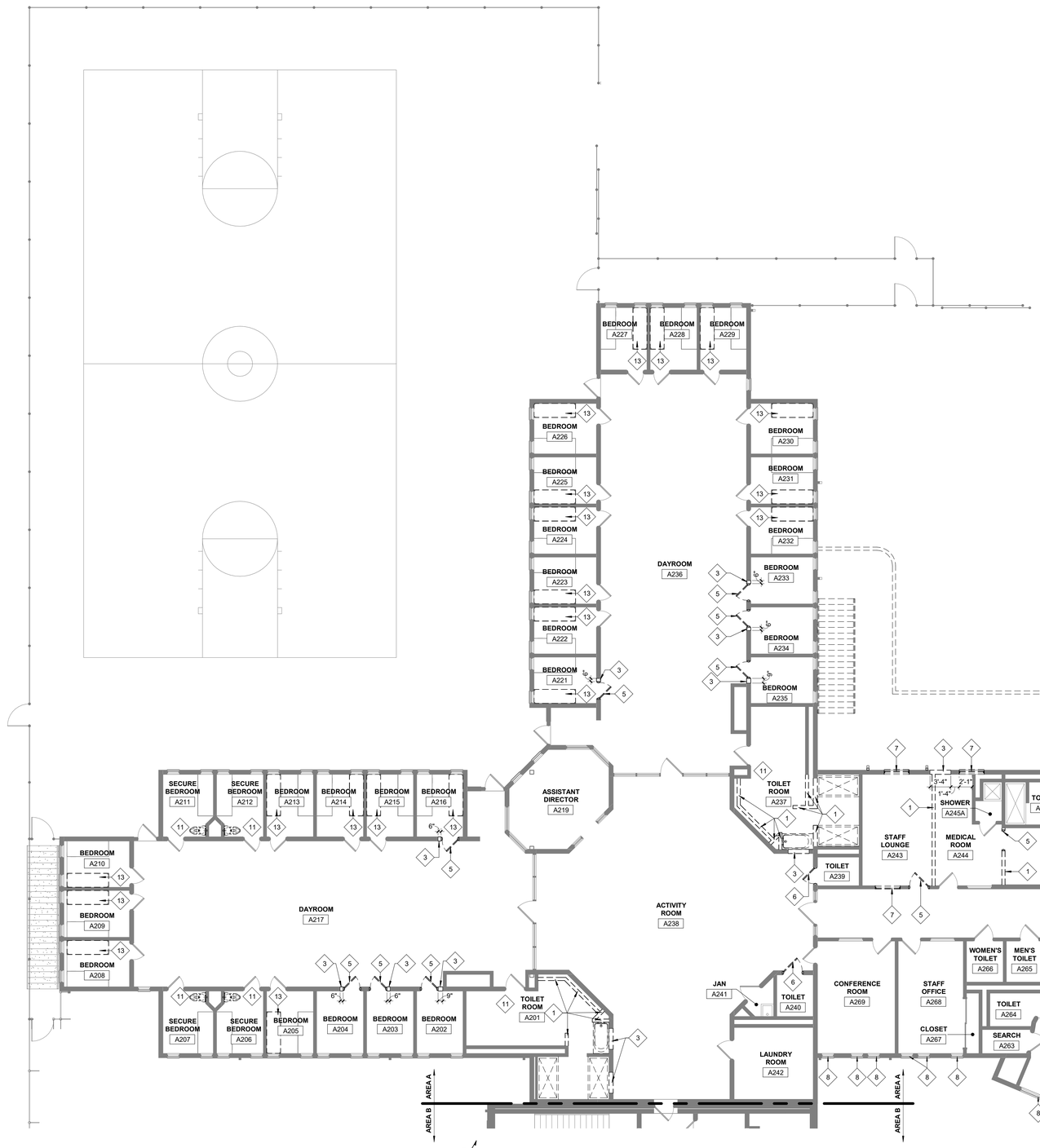

1 PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"

EXISTING TO REMAIN

TO BE REMOVED

SELECTIVE DEMOLITION LEGEND:

X — DEMOLITION SCOPE OF WORK ITEM TYPICAL THROUGHOUT ENTIRE ROOM / AREA

X — DEMOLITION SCOPE OF WORK ITEM AT A SPECIFIC LOCATION

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3 REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITION FOR PROPOSED OPENING.

4 REMOVE EXISTING CONCRETE MASONRY UNIT SITE WALL IN ITS ENTIRETY.

5 REMOVE EXISTING DOOR, INCLUDING FRAME AND HARDWARE. REMOVE SIDELITE AND GLAZING WHERE THEY OCCUR.

6 REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE AND RETURN TO OWNER. EXISTING FRAME TO REMAIN.

7 REMOVE EXISTING WINDOW, INCLUDING FRAME AND HARDWARE.

8 REMOVE EXISTING GLAZING. EXISTING FRAME TO REMAIN.

9 REMOVE EXISTING COLUMN IN ITS ENTIRETY. SEE STRUCTURAL

10 REMOVE EXISTING CONCRETE EXTERIOR STAIRS, HANDRAILS AND ALL RELATED ACCESSORIES IN ITS ENTIRETY.

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12 REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.

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16 REMOVE EXISTING SECURE METAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.

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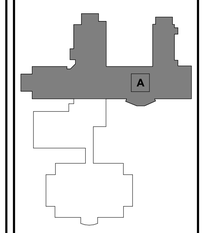

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

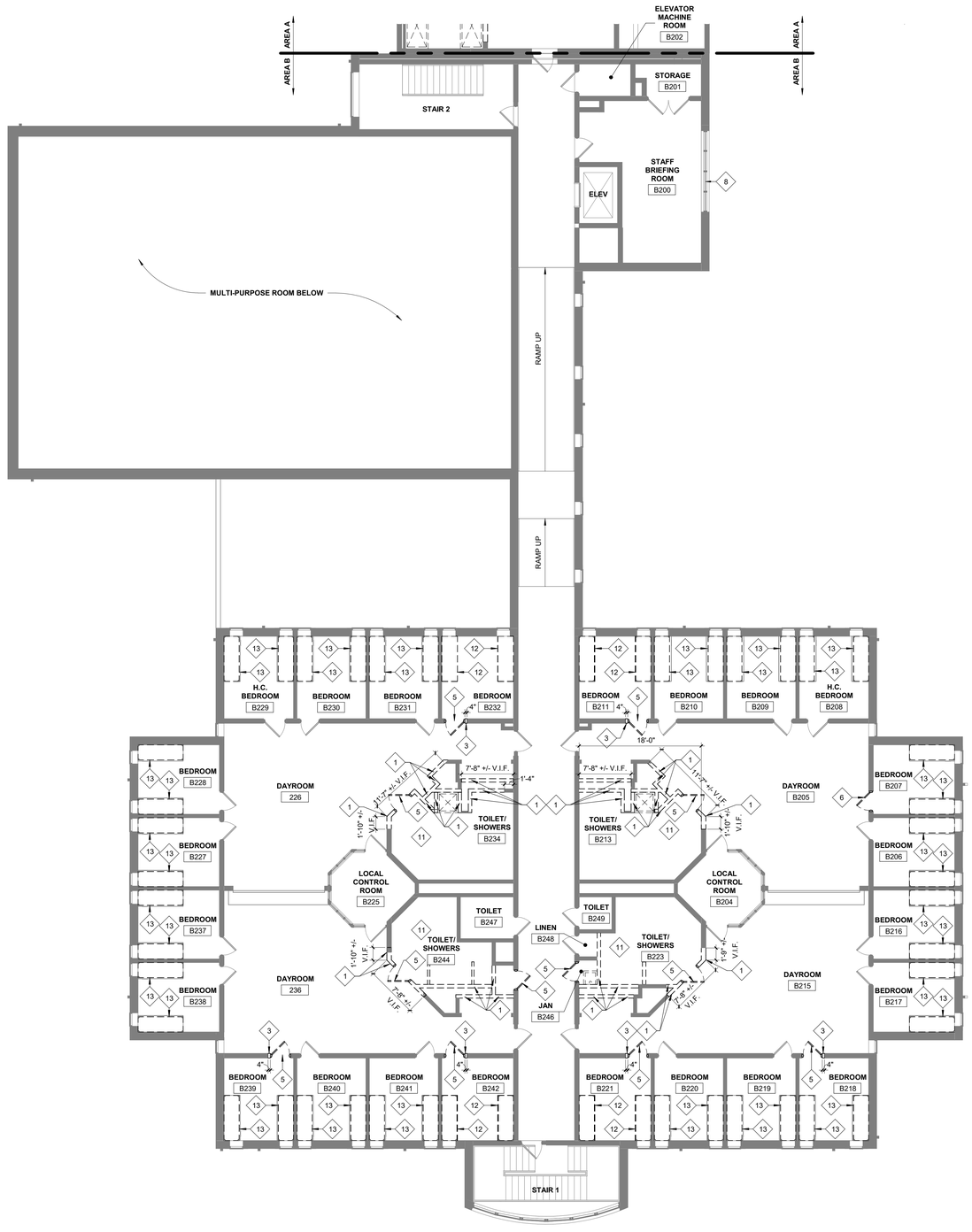
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-053
Drawn By: MW	Checked By: APL

10/9/2026 12:29:52 AM



1 PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B
SCALE: 1/8" = 1'-0"

EXISTING TO REMAIN

TO BE REMOVED

GENERAL DEMOLITION NOTES:

1. CONTRACTOR MUST INSTALL AND MAINTAIN PLASTIC DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION TO PROTECT THE GENERAL PUBLIC FROM DUST AND FUMES. LOCATE PARTITIONS REQUIRED TO PROTECT ADJACENT AREAS AND EQUIPMENT, AND CONTINUE EGRESS THROUGH THE SPACE. CONTRACTOR SHALL PROVIDE TEMPORARY EXIT WAYS AS REQUIRED BY LOCAL CODE ENFORCEMENT OFFICIAL DURING CONSTRUCTION.

2. DO NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH SPACE AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. VERIFY ALL DIMENSIONS WITHIN THE CONTRACT LIMITS. BRING DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT. THE EXTENT OF DEMOLITION AND REMOVAL INCLUDES, BUT IS NOT LIMITED TO WORK SHOWN ON THE DRAWINGS. COORDINATE W/ MECHANICAL, ELECTRICAL, PLUMBING & STRUCTURAL DRAWINGS.

3. REMOVE ANY MISCELLANEOUS PROJECTIONS, HANGERS, BOLTS, SCREWS AND NAILS FROM EXISTING SURFACES TO REMAIN. PATCH AND PREPARE SURFACES TO RECEIVE NEW FINISH.

4. PATCH AND REPAIR ALL ADJACENT SURFACES WHICH ARE AFFECTED BY THE DEMOLITION OR REMOVAL OF ACCESSORIES TO THEIR ORIGINAL FORM AND PREPARE FOR NEW FINISH. COORDINATE WITH FINISH DRAWINGS.

5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF CONSTRUCTION DEBRIS.

6. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL COORDINATE SEQUENCE AND SCHEDULES FOR ALL WORK AND RELOCATION OR DISPOSAL OF ALL MATERIALS WITH OWNER.

7. DEMOLITION PLANS ARE DIAGRAMMATIC. PRIOR TO SUBMITTING BID, GENERAL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND BRING ANY AREAS IN QUESTION TO THE ATTENTION OF THE ARCHITECT.

8. CONTRACTOR TO PROTECT EXISTING TO REMAIN WORK FROM DAMAGE. ANY DAMAGE TO WORK THAT IS EXISTING TO REMAIN TO BE FULLY RESTORED.

9. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS AND HARD CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING. REFER TO FIRE PROTECTION DRAWINGS.

10. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

SELECTIVE DEMOLITION LEGEND:

- X — DEMOLITION SCOPE OF WORK ITEM TYPICAL THROUGHOUT ENTIRE ROOM / AREA
- X — DEMOLITION SCOPE OF WORK ITEM AT A SPECIFIC LOCATION

1. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITIONS AS INDICATED FROM FLOOR TO UNDERSIDE OF STRUCTURE.
2. REMOVE EXISTING METAL STUD PARTITION IN ITS ENTIRETY.
3. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITION FOR PROPOSED OPENING.
4. REMOVE EXISTING CONCRETE MASONRY UNIT SITE WALL IN ITS ENTIRETY.
5. REMOVE EXISTING DOOR, INCLUDING FRAME AND HARDWARE. REMOVE SIDELITE AND GLAZING WHERE THEY OCCUR.
6. REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE AND RETURN TO OWNER. EXISTING FRAME TO REMAIN.
7. REMOVE EXISTING WINDOW, INCLUDING FRAME AND HARDWARE.
8. REMOVE EXISTING GLAZING. EXISTING FRAME TO REMAIN.
9. REMOVE EXISTING COLUMN IN ITS ENTIRETY. SEE STRUCTURAL
10. REMOVE EXISTING CONCRETE EXTERIOR STAIRS, HANDRAILS AND ALL RELATED ACCESSORIES IN ITS ENTIRETY.
11. REMOVE EXISTING TOILET ROOM ACCESSORIES, GRAB BARS, MIRROR, RELATED HARDWARE, MILLWORK, TOILET PARTITIONS, ETC. IN ITS ENTIRETY.
12. REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.
13. REMOVE EXISTING FLOOR MOUNTED METAL BUNK IN ITS ENTIRETY. EXISTING BUILT-IN CONCRETE MASONRY UNIT BUNK TO REMAIN.
14. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
15. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. SALVAGE ALL CEILING TILES AND RETURN TO OWNER. SALVAGE LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC. FOR REINSTALLATION.
16. REMOVE EXISTING SECURE METAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
17. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS, HARD CEILINGS AND ACOUSTICAL PANEL CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING.
18. REMOVE EXISTING GYPSUM BOARD CEILING IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
19. REMOVE EXISTING PORTION OF CEILING. PATCH AS REQUIRED.
20. REMOVE PORTION OF EXISTSING ACOUSTICAL PANEL CEILING SYSTEM. PATCH AS REQUIRED.
21. REMOVE EXISTING TILE FLOOR IN ITS ENTIRETY DOWN TO THE CONCRETE SLAB.
22. REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY.
23. REMOVE EXISTING MASONRY WATERPROOFING COATING FROM EXISTING CONCRETE MASONRY UNIT WALL IN IT'S ENTIRETY. PREPARE EXISTING WALL TO RECEIVE PROPOSED FINISH.
24. REMOVE EXISTING GABLE ROOF OVERHANG IN ITS ENTIRETY, INCLUDING ALL SUPPORTING STRUCTURE.
25. REMOVE EXISTING ASPHALT SHINGLES ALONG THE EXISTING ROOF INTERSECTION TO ACCOMMODATE NEW ROOF TIE-IN. STRIP BACK SHINGLES SUFFICIENTLY TO ALLOW FOR THE INSTALLATION OF A NEW CLOSED WOVEN VALLEY AT THE ROOF SEAM
26. REMOVE EXISTING GUTTERS AND DOWNSPOUTS
27. REMOVE EXISTING EIFS BAND AND SIGNAGE.
28. REMOVE EXISTING COUNTER INCLUDING ALL SUPPORT BRACKETS, BACKSPLASH, SIDESPLASH AND ACCESSORIES IN ITS ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
29. REMOVE EXISTING DUMBWAITER AND ACCESSORIES IN ITS ENTIRETY. INCLUDING FRAME AND OVERHEAD DOOR.
30. REMOVE EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY.
31. REMOVE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE IN IT'S ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
32. REMOVE AND SALVAGE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE FOR REINSTALLATION. PATCH EXISTING WALL AS REQUIRED.
33. REMOVE EXISTING METAL LOCKERS IN THEIR ENTIRETY.
34. REMOVE EXISTING VINYL GRAPHICS FROM EXISTING GLAZING IN THEIR ENTIRETY. EXISTING GLAZING AND WINDOW SYSTEM TO REMAIN.
35. REMOVE EXISTING CASEWORK AND MILLWORK INCLUDING CABINETS, COUNTERS, ETC. IN ITS ENTIRETY.
36. REMOVE EXISTING EXTERIOR GYPSUM SOFFIT. EXISTING SUPPORT FRAMING TO REMAIN.

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR DEMOLITION PLAN - AREA B

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-054
Drawn By: MW	Checked By: APL

10/9/2026 12:29:54 AM

CEILING LEGEND

- EXISTING ACOUSTICAL PANEL CEILING TO BE REMOVED
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO BE REMOVED
- EXISTING GYPSUM BOARD ON COLD FORMED METAL FRAMING TO BE REMOVED
- EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- NO CEILING (UNDERSIDE OF DECK EXPOSED)
- EXISTING 2' x 4' LIGHT FIXTURE TO BE REMOVED
- EXISTING 2' x 2' LIGHT FIXTURE TO BE REMOVED
- EXISTING 1' x 4' LIGHT FIXTURE TO BE REMOVED
- EXISTING PENDANT LIGHT FIXTURE - LINEAR TO BE REMOVED
- EXISTING 2' x 4' LIGHT FIXTURE TO REMAIN
- EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN
- EXISTING 1' x 4' LIGHT FIXTURE TO REMAIN
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- EXISTING SUPPLY DIFFUSER TO BE REMOVED
- EXISTING RETURN DIFFUSER TO BE REMOVED
- EXISTING SUPPLY DIFFUSER TO REMAIN
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EXISTING TO REMAIN

TO BE REMOVED

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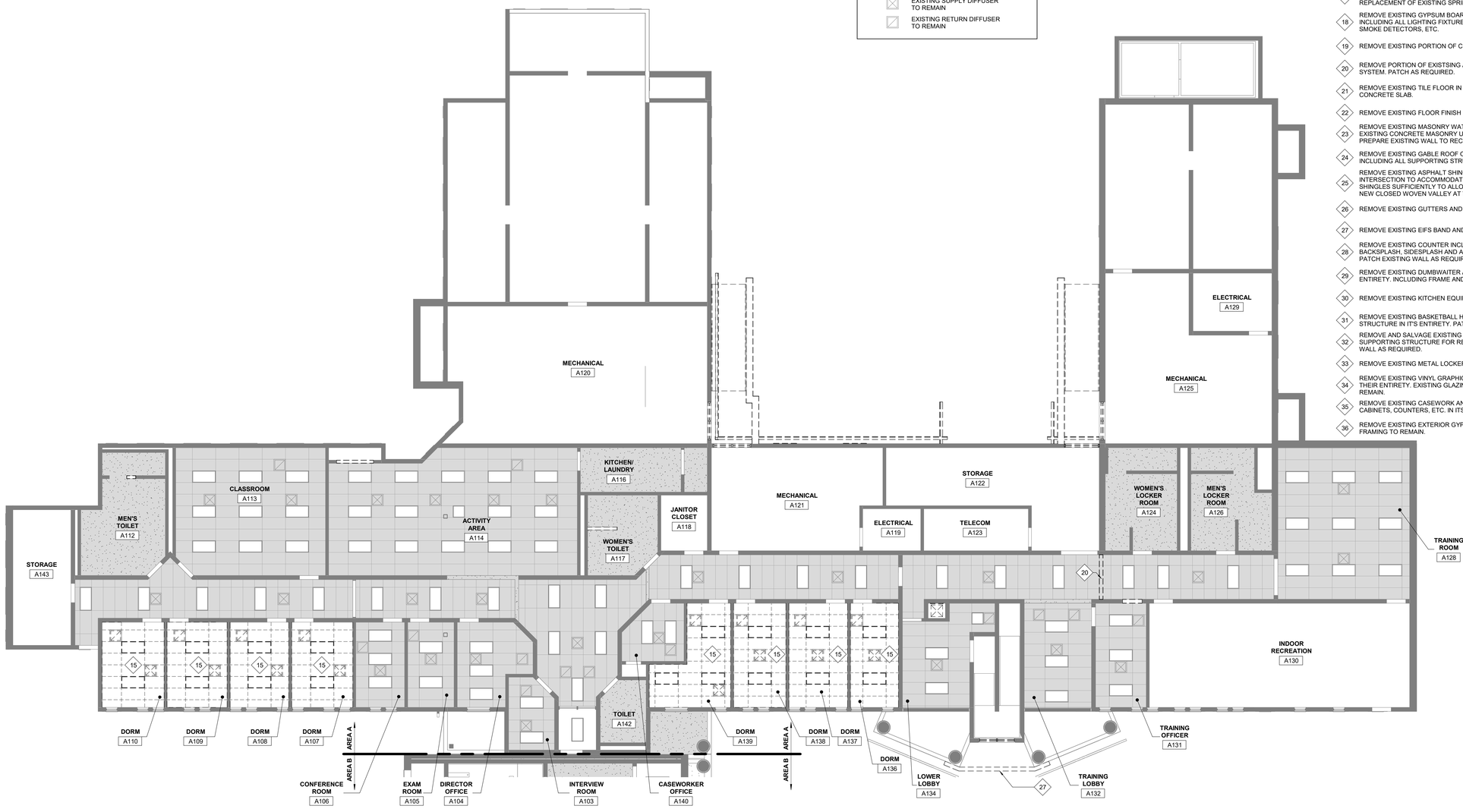

1 PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

USA Architects

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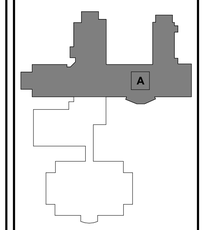

BUILDING KEY PLAN

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NJ: 21AC00116100 PA: AI001602L DE: S7-0000564 MD: 17644
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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-055
Drawn By: MW	Checked By: APL

10/9/2026 12:29:57 AM



1 PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- EXISTING ACOUSTICAL PANEL CEILING TO BE REMOVED
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO BE REMOVED
- EXISTING GYPSUM BOARD ON COLD FORMED METAL FRAMING TO BE REMOVED
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12. REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.
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14. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
15. REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. SALVAGE ALL CEILING TILES AND RETURN TO OWNER. SALVAGE LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC. FOR REINSTALLATION.
16. REMOVE EXISTING SECURE METAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
17. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS, HARD CEILINGS AND ACOUSTICAL PANEL CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING.
18. REMOVE EXISTING GYPSUM BOARD CEILING IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.
19. REMOVE EXISTING PORTION OF CEILING. PATCH AS REQUIRED.
20. REMOVE PORTION OF EXISTSING ACOUSTICAL PANEL CEILING SYSTEM. PATCH AS REQUIRED.
21. REMOVE EXISTING TILE FLOOR IN ITS ENTIRETY DOWN TO THE CONCRETE SLAB.
22. REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY.
23. REMOVE EXISTING MASONRY WATERPROOFING COATING FROM EXISTING CONCRETE MASONRY UNIT WALL IN IT'S ENTIRETY. PREPARE EXISTING WALL TO RECEIVE PROPOSED FINISH.
24. REMOVE EXISTING GABLE ROOF OVERHANG IN ITS ENTIRETY, INCLUDING ALL SUPPORTING STRUCTURE.
25. REMOVE EXISTING ASPHALT SHINGLES ALONG THE EXISTING ROOF INTERSECTION TO ACCOMMODATE NEW ROOF TIE-IN. STRIP BACK SHINGLES SUFFICIENTLY TO ALLOW FOR THE INSTALLATION OF A NEW CLOSED WOVEN VALLEY AT THE ROOF SEAM
26. REMOVE EXISTING GUTTERS AND DOWNSPOUTS
27. REMOVE EXISTING EIFS BAND AND SIGNAGE.
28. REMOVE EXISTING COUNTER INCLUDING ALL SUPPORT BRACKETS, BACKSPLASH, SIDESPLASH AND ACCESSORIES IN ITS ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
29. REMOVE EXISTING DUMBWAITER AND ACCESSORIES IN ITS ENTIRETY. INCLUDING FRAME AND OVERHEAD DOOR.
30. REMOVE EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY.
31. REMOVE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE IN IT'S ENTIRETY. PATCH EXISTING WALL AS REQUIRED.
32. REMOVE AND SALVAGE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE FOR REINSTALLATION. PATCH EXISTING WALL AS REQUIRED.
33. REMOVE EXISTING METAL LOCKERS IN THEIR ENTIRETY.
34. REMOVE EXISTING VINYL GRAPHICS FROM EXISTING GLAZING IN THEIR ENTIRETY. EXISTING GLAZING AND WINDOW SYSTEM TO REMAIN.
35. REMOVE EXISTING CASEWORK AND MILLWORK INCLUDING CABINETS, COUNTERS, ETC. IN ITS ENTIRETY.
36. REMOVE EXISTING EXTERIOR GYPSUM SOFFIT. EXISTING SUPPORT FRAMING TO REMAIN.

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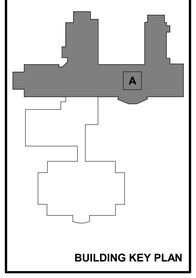

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

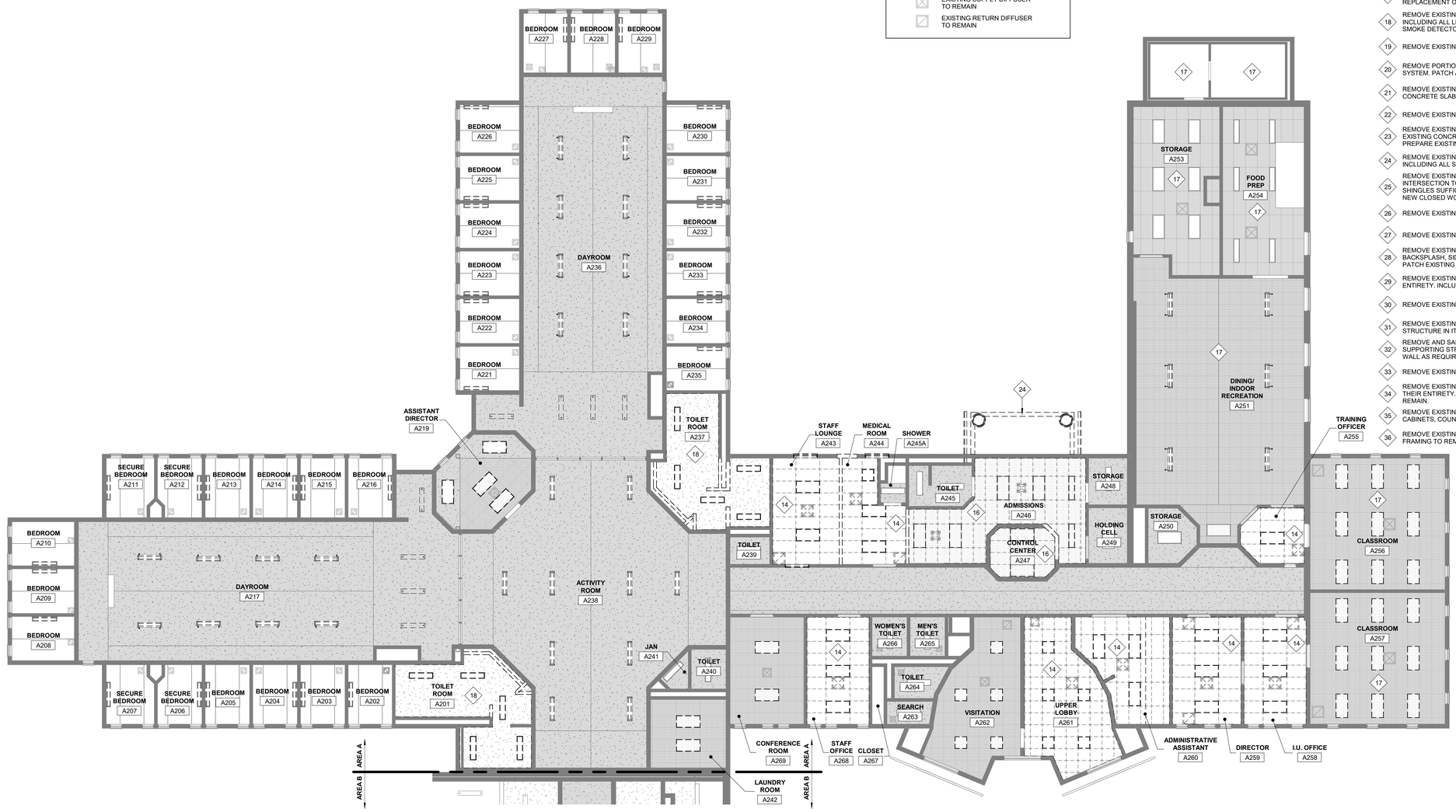
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-056
Drawn By: MW	Checked By: APL

10/9/2026 12:29:59 AM



1 PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- EXISTING ACOUSTICAL PANEL CEILING TO BE REMOVED
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO BE REMOVED
- EXISTING GYPSUM BOARD ON COLD FORMED METAL FRAMING TO BE REMOVED
- EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- NO CEILING (UNDERSIDE OF DECK EXPOSED)
- EXISTING 2' x 4' LIGHT FIXTURE TO BE REMOVED
- EXISTING 2' x 2' LIGHT FIXTURE TO BE REMOVED
- EXISTING 1' x 4' LIGHT FIXTURE TO BE REMOVED
- EXISTING PENDANT LIGHT FIXTURE - LINEAR TO BE REMOVED
- EXISTING 2' x 4' LIGHT FIXTURE TO REMAIN
- EXISTING 2' x 2' LIGHT FIXTURE TO REMAIN
- EXISTING 1' x 4' LIGHT FIXTURE TO REMAIN
- EXISTING PENDANT LIGHT FIXTURE - LINEAR TO REMAIN
- EXISTING SUPPLY DIFFUSER TO BE REMOVED
- EXISTING RETURN DIFFUSER TO BE REMOVED
- EXISTING SUPPLY DIFFUSER TO REMAIN
- EXISTING RETURN DIFFUSER TO REMAIN

- EXISTING TO REMAIN
- TO BE REMOVED

GENERAL DEMOLITION NOTES:

1. CONTRACTOR MUST INSTALL AND MAINTAIN PLASTIC DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION TO PROTECT THE GENERAL PUBLIC FROM DUST AND FUMES. LOCATE PARTITIONS REQUIRED TO PROTECT ADJACENT AREAS AND EQUIPMENT, AND CONTINUE EGRESS THROUGH THE SPACE. CONTRACTOR SHALL PROVIDE TEMPORARY EXIT WAYS AS REQUIRED BY LOCAL CODE ENFORCEMENT OFFICIAL DURING CONSTRUCTION.

2. DO NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH SPACE AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. VERIFY ALL DIMENSIONS WITHIN THE CONTRACT LIMITS. BRING DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT. THE EXTENT OF DEMOLITION AND REMOVAL INCLUDES, BUT IS NOT LIMITED TO WORK SHOWN ON THE DRAWINGS. COORDINATE W/ MECHANICAL, ELECTRICAL, PLUMBING & STRUCTURAL DRAWINGS.

3. REMOVE ANY MISCELLANEOUS PROJECTIONS, HANGERS, BOLTS, SCREWS AND NAILS FROM EXISTING SURFACES TO REMAIN. PATCH AND PREPARE SURFACES TO RECEIVE NEW FINISH.

4. PATCH AND REPAIR ALL ADJACENT SURFACES WHICH ARE AFFECTED BY THE DEMOLITION OR REMOVAL OF ACCESSORIES TO THEIR ORIGINAL FORM AND PREPARE FOR NEW FINISH. COORDINATE WITH FINISH DRAWINGS.

5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF CONSTRUCTION DEBRIS.

6. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL COORDINATE SEQUENCE AND SCHEDULES FOR ALL WORK AND RELOCATION OR DISPOSAL OF ALL MATERIALS WITH OWNER.

7. DEMOLITION PLANS ARE DIAGRAMMATIC. PRIOR TO SUBMITTING BID, GENERAL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND BRING ANY AREAS IN QUESTION TO THE ATTENTION OF THE ARCHITECT.

8. CONTRACTOR TO PROTECT EXISTING TO REMAIN WORK FROM DAMAGE. ANY DAMAGE TO WORK THAT IS EXISTING TO REMAIN TO BE FULLY RESTORED.

9. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS AND HARD CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING. REFER TO FIRE PROTECTION DRAWINGS.

10. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

SELECTIVE DEMOLITION LEGEND:

- X — DEMOLITION SCOPE OF WORK ITEM TYPICAL THROUGHOUT ENTIRE ROOM / AREA
- X — DEMOLITION SCOPE OF WORK ITEM AT A SPECIFIC LOCATION

1. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITIONS AS INDICATED FROM FLOOR TO UNDERSIDE OF STRUCTURE.
2. REMOVE EXISTING METAL STUD PARTITION IN ITS ENTIRETY.
3. REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITION FOR PROPOSED OPENING.
4. REMOVE EXISTING CONCRETE MASONRY UNIT SITE WALL IN ITS ENTIRETY.
5. REMOVE EXISTING DOOR, INCLUDING FRAME AND HARDWARE. REMOVE SIDELITE AND GLAZING WHERE THEY OCCUR.
6. REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE AND RETURN TO OWNER. EXISTING FRAME TO REMAIN.
7. REMOVE EXISTING WINDOW, INCLUDING FRAME AND HARDWARE.
8. REMOVE EXISTING GLAZING. EXISTING FRAME TO REMAIN.
9. REMOVE EXISTING COLUMN IN ITS ENTIRETY. SEE STRUCTURAL
10. REMOVE EXISTING CONCRETE EXTERIOR STAIRS, HANDRAILS AND ALL RELATED ACCESSORIES IN ITS ENTIRETY.
11. REMOVE EXISTING TOILET ROOM ACCESSORIES, GRAB BARS, MIRROR, RELATED HARDWARE, MILLWORK, TOILET PARTITIONS, ETC. IN ITS ENTIRETY.
12. REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.
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19. REMOVE EXISTING PORTION OF CEILING. PATCH AS REQUIRED.
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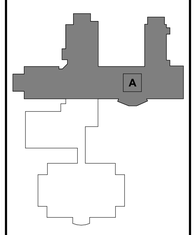

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-057
Drawn By: MW	Checked By: APL

10/9/2026 12:30:01 AM



1 PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- EXISTING ACOUSTICAL PANEL CEILING TO BE REMOVED
- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO BE REMOVED
- EXISTING GYPSUM BOARD ON COLD FORMED METAL FRAMING TO BE REMOVED
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- EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- EXISTING GYPSUM BOARD CEILING TO REMAIN
- NO CEILING (UNDERSIDE OF DECK EXPOSED)
- EXISTING 2' x 4' LIGHT FIXTURE TO BE REMOVED
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EXISTING TO REMAIN

TO BE REMOVED

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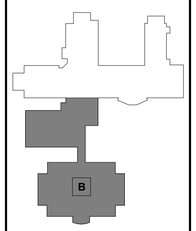

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

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FOR

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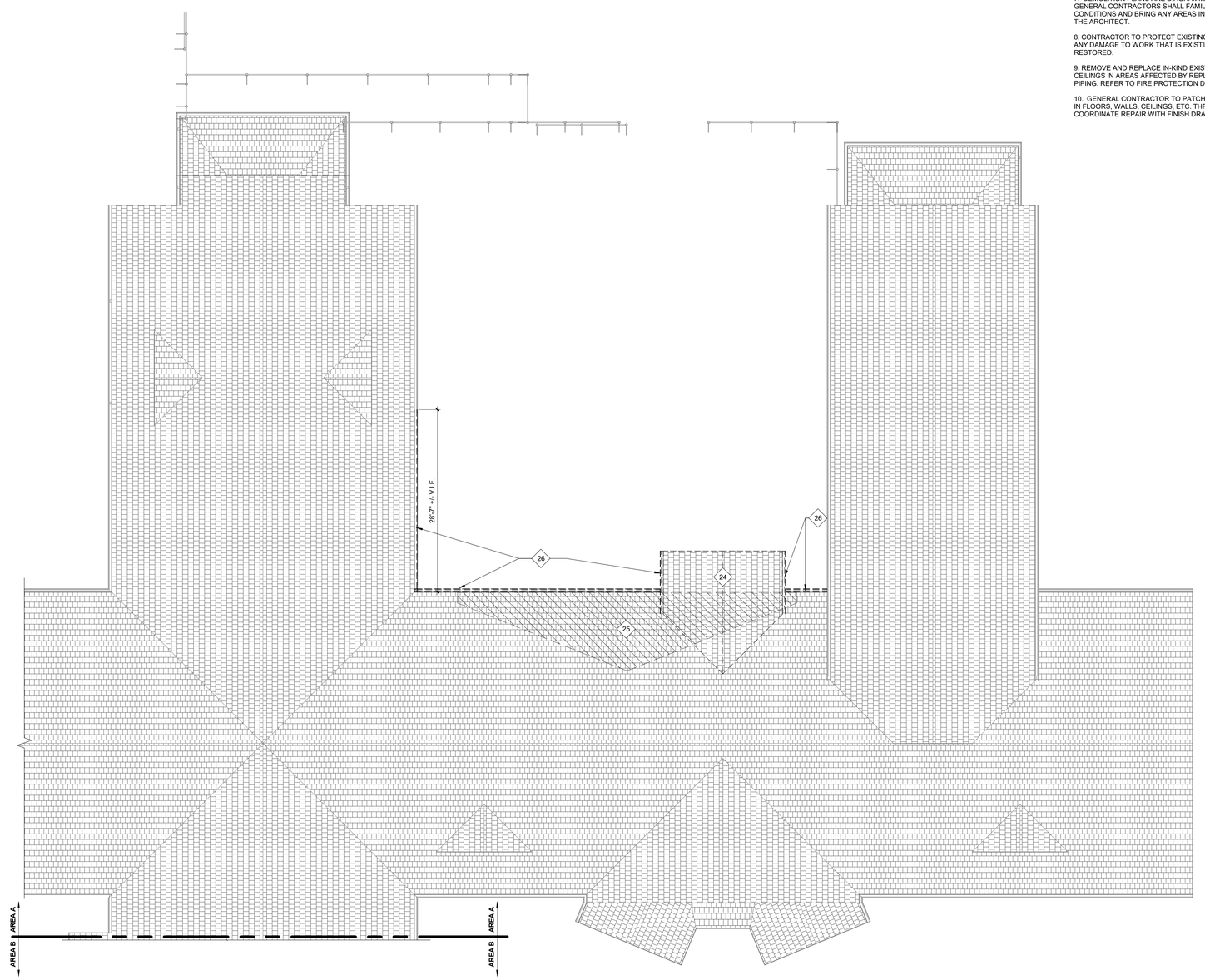
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL SECOND FLOOR DEMOLITION REFLECTED CEILING PLAN - AREA B

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-058
Drawn By: MW	Checked By: APL

10/9/2026 12:30:03 AM



1 PARTIAL ROOF DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

EXISTING TO REMAIN

TO BE REMOVED

GENERAL DEMOLITION NOTES:

1. CONTRACTOR MUST INSTALL AND MAINTAIN PLASTIC DUST BARRIERS DURING DEMOLITION AND CONSTRUCTION TO PROTECT THE GENERAL PUBLIC FROM DUST AND FUMES. LOCATE PARTITIONS REQUIRED TO PROTECT ADJACENT AREAS AND EQUIPMENT, AND CONTINUE EGRESS THROUGH THE SPACE. CONTRACTOR SHALL PROVIDE TEMPORARY EXIT WAYS AS REQUIRED BY LOCAL CODE ENFORCEMENT OFFICIAL DURING CONSTRUCTION.

2. DO NOT CONSIDER DEMOLITION AND ALTERATION NOTES TO BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH SPACE AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. VERIFY ALL DIMENSIONS WITHIN THE CONTRACT LIMITS. BRING DEVIATIONS FROM THE CONTRACT DOCUMENTS TO THE ATTENTION OF THE ARCHITECT. THE EXTENT OF DEMOLITION AND REMOVAL INCLUDES, BUT IS NOT LIMITED TO WORK SHOWN ON THE DRAWINGS. COORDINATE W/ MECHANICAL, ELECTRICAL, PLUMBING & STRUCTURAL DRAWINGS.

3. REMOVE ANY MISCELLANEOUS PROJECTIONS, HANGERS, BOLTS, SCREWS AND NAILS FROM EXISTING SURFACES TO REMAIN. PATCH AND PREPARE SURFACES TO RECEIVE NEW FINISH.

4. PATCH AND REPAIR ALL ADJACENT SURFACES WHICH ARE AFFECTED BY THE DEMOLITION OR REMOVAL OF ACCESSORIES TO THEIR ORIGINAL FORM AND PREPARE FOR NEW FINISH. COORDINATE WITH FINISH DRAWINGS.

5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY CLEANUP OF CONSTRUCTION DEBRIS.

6. BEFORE DEMOLITION BEGINS, CONTRACTOR SHALL COORDINATE SEQUENCE AND SCHEDULES FOR ALL WORK AND RELOCATION OR DISPOSAL OF ALL MATERIALS WITH OWNER.

7. DEMOLITION PLANS ARE DIAGRAMMATIC. PRIOR TO SUBMITTING BID, GENERAL CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND BRING ANY AREAS IN QUESTION TO THE ATTENTION OF THE ARCHITECT.

8. CONTRACTOR TO PROTECT EXISTING TO REMAIN WORK FROM DAMAGE. ANY DAMAGE TO WORK THAT IS EXISTING TO REMAIN TO BE FULLY RESTORED.

9. REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS AND HARD CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING. REFER TO FIRE PROTECTION DRAWINGS.

10. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

SELECTIVE DEMOLITION LEGEND:

X DEMOLITION SCOPE OF WORK ITEM TYPICAL THROUGHOUT ENTIRE ROOM / AREA

X DEMOLITION SCOPE OF WORK ITEM AT A SPECIFIC LOCATION

1 REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITIONS AS INDICATED FROM FLOOR TO UNDERSIDE OF STRUCTURE.

2 REMOVE EXISTING METAL STUD PARTITION IN ITS ENTIRETY.

3 REMOVE PORTION OF EXISTING CONCRETE MASONRY UNIT PARTITION FOR PROPOSED OPENING.

4 REMOVE EXISTING CONCRETE MASONRY UNIT SITE WALL IN ITS ENTIRETY.

5 REMOVE EXISTING DOOR, INCLUDING FRAME AND HARDWARE. REMOVE SIDELITE AND GLAZING WHERE THEY OCCUR.

6 REMOVE EXISTING DOOR. SALVAGE EXISTING HARDWARE AND RETURN TO OWNER. EXISTING FRAME TO REMAIN.

7 REMOVE EXISTING WINDOW, INCLUDING FRAME AND HARDWARE.

8 REMOVE EXISTING GLAZING. EXISTING FRAME TO REMAIN.

9 REMOVE EXISTING COLUMN IN ITS ENTIRETY. SEE STRUCTURAL

10 REMOVE EXISTING CONCRETE EXTERIOR STAIRS, HANDRAILS AND ALL RELATED ACCESSORIES IN ITS ENTIRETY.

11 REMOVE EXISTING TOILET ROOM ACCESSORIES, GRAB BARS, MIRROR, RELATED HARDWARE, MILLWORK, TOILET PARTITIONS, ETC. IN ITS ENTIRETY.

12 REMOVE EXISTING BUILT-IN CONCRETE MASONRY UNIT/METAL BUNK IN ITS ENTIRETY. SEE MECHANICAL.

13 REMOVE EXISTING FLOOR MOUNTED METAL BUNK IN ITS ENTIRETY. EXISTING BUILT-IN CONCRETE MASONRY UNIT BUNK TO REMAIN.

14 REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.

15 REMOVE EXISTING ACOUSTICAL PANEL CEILING SYSTEM IN ITS ENTIRETY. SALVAGE ALL CEILING TILES AND RETURN TO OWNER. SALVAGE LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC. FOR REINSTALLATION.

16 REMOVE EXISTING SECURE METAL PANEL CEILING SYSTEM IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.

17 REMOVE AND REPLACE IN-KIND EXISTING SECURITY CEILINGS, HARD CEILINGS AND ACOUSTICAL PANEL CEILINGS IN AREAS AFFECTED BY REPLACEMENT OF EXISTING SPRINKLER PIPING.

18 REMOVE EXISTING GYPSUM BOARD CEILING IN ITS ENTIRETY. INCLUDING ALL LIGHTING FIXTURES, DIFFUSERS, SPRINKLER HEADS, SMOKE DETECTORS, ETC.

19 REMOVE EXISTING PORTION OF CEILING. PATCH AS REQUIRED.

20 REMOVE PORTION OF EXISTSING ACOUSTICAL PANEL CEILING SYSTEM. PATCH AS REQUIRED.

21 REMOVE EXISTING TILE FLOOR IN ITS ENTIRETY DOWN TO THE CONCRETE SLAB.

22 REMOVE EXISTING FLOOR FINISH IN ITS ENTIRETY.

23 REMOVE EXISTING MASONRY WATERPROOFING COATING FROM EXISTING CONCRETE MASONRY UNIT WALL IN IT'S ENTIRETY. PREPARE EXISTING WALL TO RECEIVE PROPOSED FINISH.

24 REMOVE EXISTING GABLE ROOF OVERHANG IN ITS ENTIRETY, INCLUDING ALL SUPPORTING STRUCTURE.

25 REMOVE EXISTING ASPHALT SHINGLES ALONG THE EXISTING ROOF INTERSECTION TO ACCOMMODATE NEW ROOF TIE-IN. STRIP BACK SHINGLES SUFFICIENTLY TO ALLOW FOR THE INSTALLATION OF A NEW CLOSED WOVEN VALLEY AT THE ROOF SEAM

26 REMOVE EXISTING GUTTERS AND DOWNSPOUTS

27 REMOVE EXISTING EIFS BAND AND SIGNAGE.

28 REMOVE EXISTING COUNTER INCLUDING ALL SUPPORT BRACKETS, BACKSPLASH, SIDESPLASH AND ACCESSORIES IN ITS ENTIRETY. PATCH EXISTING WALL AS REQUIRED.

29 REMOVE EXISTING DUMBWAITER AND ACCESSORIES IN ITS ENTIRETY. INCLUDING FRAME AND OVERHEAD DOOR.

30 REMOVE EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY.

31 REMOVE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE IN IT'S ENTIRETY. PATCH EXISTING WALL AS REQUIRED.

32 REMOVE AND SALVAGE EXISTING BASKETBALL HOOP AND ALL SUPPORTING STRUCTURE FOR REINSTALLATION. PATCH EXISTING WALL AS REQUIRED.

33 REMOVE EXISTING METAL LOCKERS IN THEIR ENTIRETY.

34 REMOVE EXISTING VINYL GRAPHICS FROM EXISTING GLAZING IN THEIR ENTIRETY. EXISTING GLAZING AND WINDOW SYSTEM TO REMAIN.

35 REMOVE EXISTING CASEWORK AND MILLWORK INCLUDING CABINETS, COUNTERS, ETC. IN ITS ENTIRETY.

36 REMOVE EXISTING EXTERIOR GYPSUM SOFFIT. EXISTING SUPPORT FRAMING TO REMAIN.

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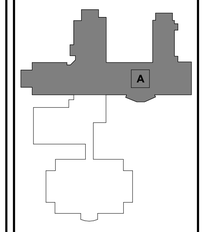

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL ROOF DEMOLITION PLAN

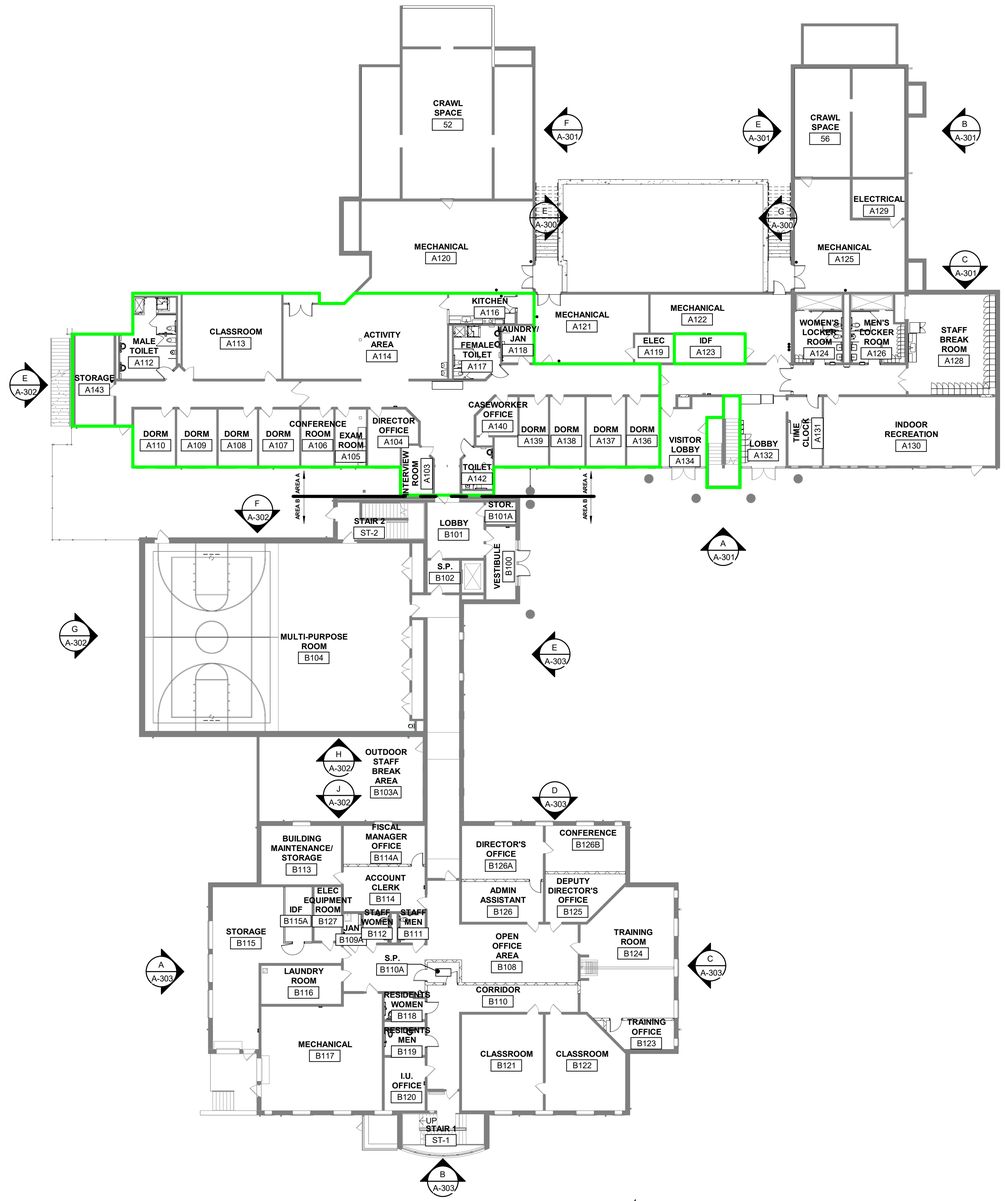
Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-059
Drawn By: JR	Checked By: APL

10/9/2026 12:30:04 AM

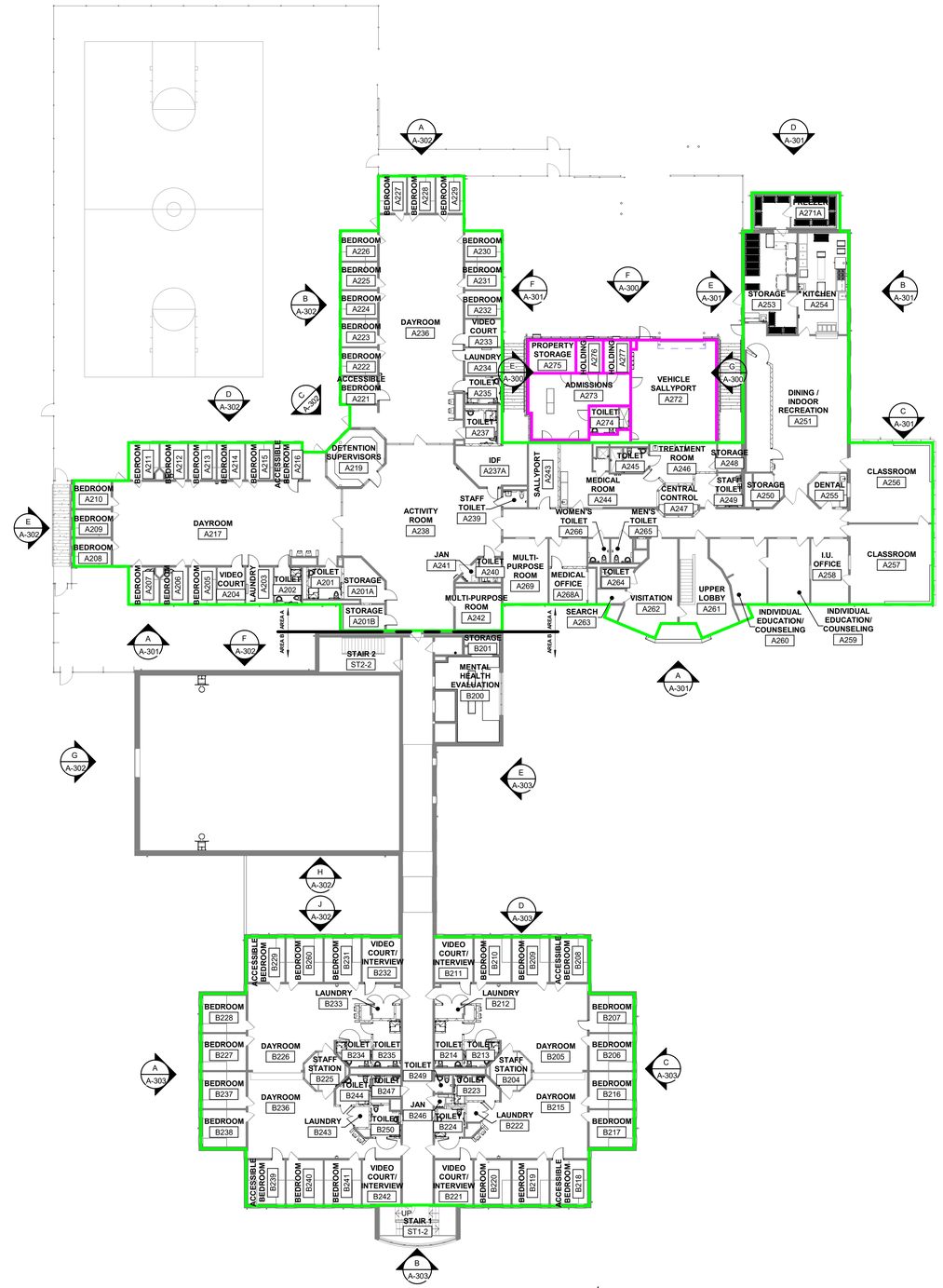
SECURITY WALL LEGEND

SECURITY LEVEL 1 (EXISTING):
CMU CELLS FILLED SOLID WITH GROUT
HORIZONTAL JOINT AND VERTICAL REINFORCING

SECURITY LEVEL 2:
CMU CELLS FILLED SOLID WITH GROUT
HORIZONTAL REINFORCING 16" O.C. AND
VERTICAL REINFORCING 8" O.C.



1 OVERALL FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"



2 OVERALL SECOND FLOOR PLAN
SCALE: 1/16" = 1'-0"

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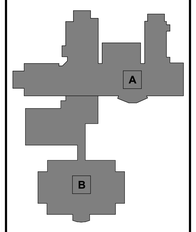

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

OVERALL FLOOR PLANS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-101
Drawn By: JR	Checked By: APL

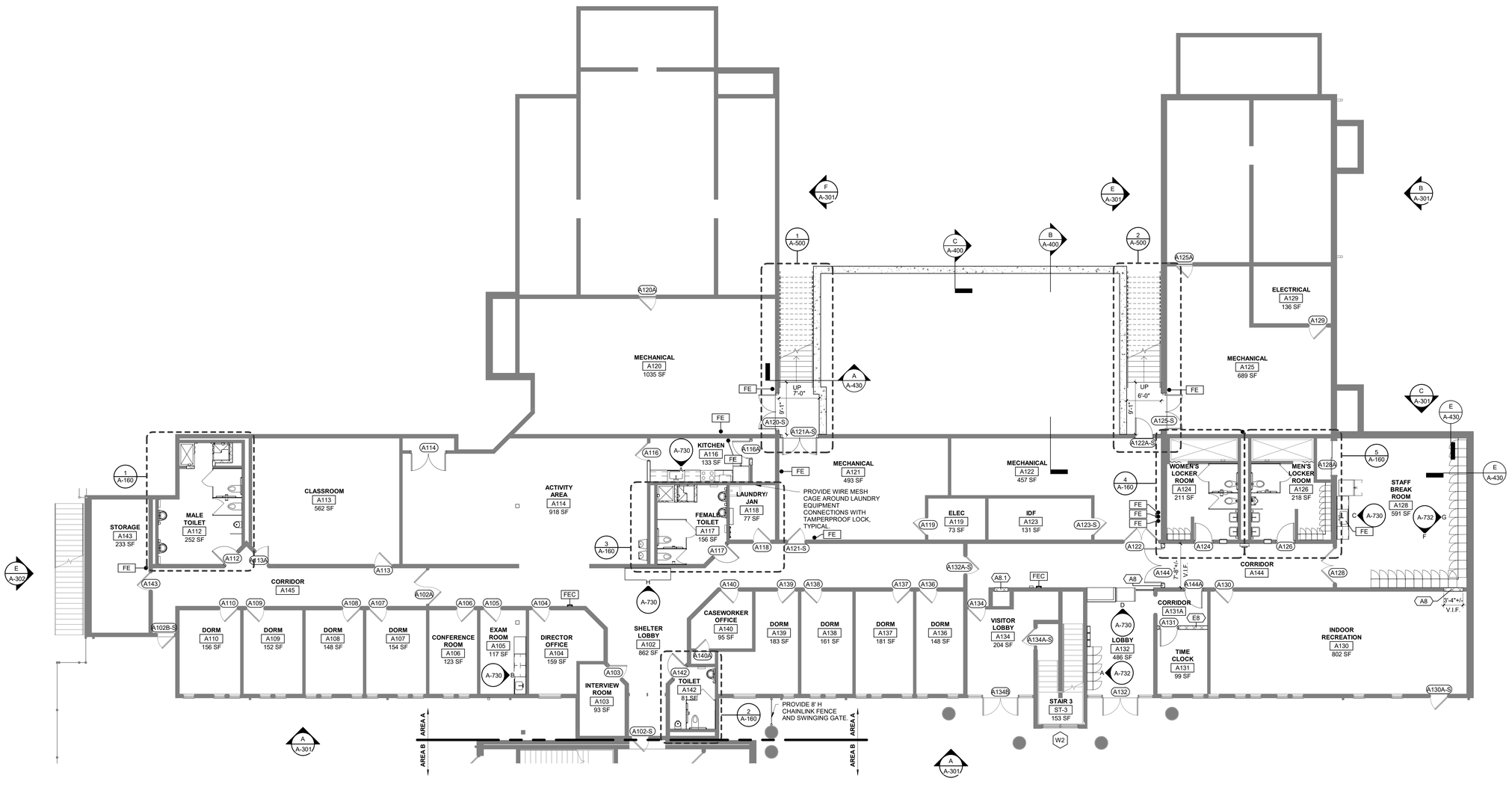
10/9/2026 12:30:09 AM

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING PARTITION
	PROPOSED PARTITION
	ABOVE, BELOW, OR BEYOND
	EXISTING DOOR TO REMAIN
	PROPOSED DOOR

GENERAL FLOOR PLAN NOTES

1. ALL WALL DIMENSIONS SHOWN ARE FROM FACE OF CMU/STUD TO FACE OF CMU/STUD, UNLESS OTHERWISE NOTED. GC TO NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR FOR A FIELD RESOLUTION.
2. ALIGN FINISH FACE OF WALL TO ADJACENT FINISH FACE OF WALL UNLESS NOTED OTHERWISE.
3. TYPICAL DOOR OFFSET SHALL BE 4", UNLESS OTHERWISE NOTED. CENTER ALL CLOSET DOORS WITHIN CLOSET, UNLESS OTHERWISE NOTED.
4. DIMENSIONS NOTED AS "HOLD" OR "CLEAR" INDICATE REQUIRED UNOBSTRUCTED DISTANCE FROM FINISH FACE TO FINISH FACE.
5. SEAL ALL SLAB PENETRATIONS, MATCH FLOOR FIRE RATING AS REQUIRED.
6. PATCH WALL PENETRATIONS IN EXISTING WALLS CREATED BY TRADES FOR PROPOSED WORK, AS REQUIRED FOR MONOLITHIC APPEARANCE.
7. GENERAL CONTRACTOR TO COORDINATE, LOCATE AND SUPPLY WALL ACCESS PANELS TO PROVIDE REQUIRED ACCESS TO MECHANICAL, PLUMBING, ELECTRICAL AND LOW VOLTAGE CONTROLS/EQUIPMENT.
8. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.



1 PARTIAL FIRST FLOOR PLAN - AREA A
SCALE: 1/8" = 1'-0"

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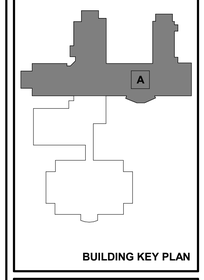

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TO THE

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THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

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	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL FIRST FLOOR PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-102
Drawn By: JR/MW	Checked By: APL

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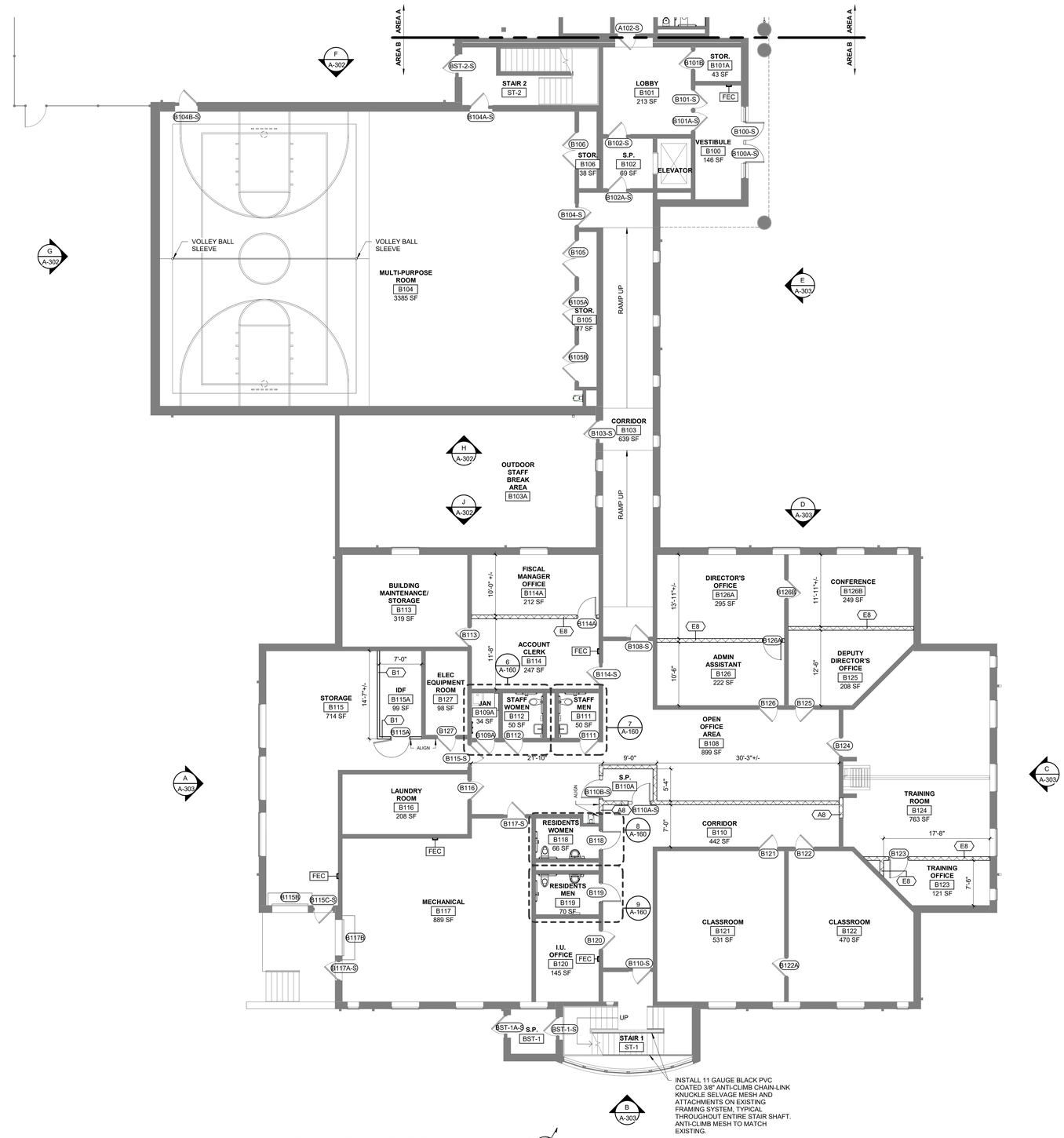

1 PARTIAL FIRST FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING PARTITION
	PROPOSED PARTITION
	ABOVE, BELOW, OR BEYOND
	EXISTING DOOR TO REMAIN
	PROPOSED DOOR

GENERAL FLOOR PLAN NOTES

1. ALL WALL DIMENSIONS SHOWN ARE FROM FACE OF CMU/STUD TO FACE OF CMU/STUD, UNLESS OTHERWISE NOTED. GC TO NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR FOR A FIELD RESOLUTION.
2. ALIGN FINISH FACE OF WALL TO ADJACENT FINISH FACE OF WALL UNLESS NOTED OTHERWISE.
3. TYPICAL DOOR OFFSET SHALL BE 4", UNLESS OTHERWISE NOTED. CENTER ALL CLOSET DOORS WITHIN CLOSET, UNLESS OTHERWISE NOTED.
4. DIMENSIONS NOTED AS "HOLD" OR "CLEAR" INDICATE REQUIRED UNOBSTRUCTED DISTANCE FROM FINISH FACE TO FINISH FACE.
5. SEAL ALL SLAB PENETRATIONS, MATCH FLOOR FIRE RATING AS REQUIRED.
6. PATCH WALL PENETRATIONS IN EXISTING WALLS CREATED BY TRADES FOR PROPOSED WORK, AS REQUIRED FOR MONOLITHIC APPEARANCE.
7. GENERAL CONTRACTOR TO COORDINATE, LOCATE AND SUPPLY WALL ACCESS PANELS TO PROVIDE REQUIRED ACCESS TO MECHANICAL, PLUMBING, ELECTRICAL AND LOW VOLTAGE CONTROLS/EQUIPMENT.
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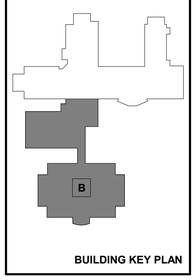

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RENOVATIONS AND ADDITION
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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-103
Drawn By: JR/MW	Checked By: APL

10/9/2026 12:30:13 AM

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING PARTITION
	PROPOSED PARTITION
	ABOVE, BELOW, OR BEYOND
	EXISTING DOOR TO REMAIN
	PROPOSED DOOR

GENERAL FLOOR PLAN NOTES

1. ALL WALL DIMENSIONS SHOWN ARE FROM FACE OF CMU/STUD TO FACE OF CMU/STUD, UNLESS OTHERWISE NOTED. GC TO NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR FOR A FIELD RESOLUTION.
2. ALIGN FINISH FACE OF WALL TO ADJACENT FINISH FACE OF WALL UNLESS NOTED OTHERWISE.
3. TYPICAL DOOR OFFSET SHALL BE 4", UNLESS OTHERWISE NOTED. CENTER ALL CLOSET DOORS WITHIN CLOSET, UNLESS OTHERWISE NOTED.
4. DIMENSIONS NOTED AS "HOLD" OR "CLEAR" INDICATE REQUIRED UNOBSTRUCTED DISTANCE FROM FINISH FACE TO FINISH FACE.
5. SEAL ALL SLAB PENETRATIONS, MATCH FLOOR FIRE RATING AS REQUIRED.
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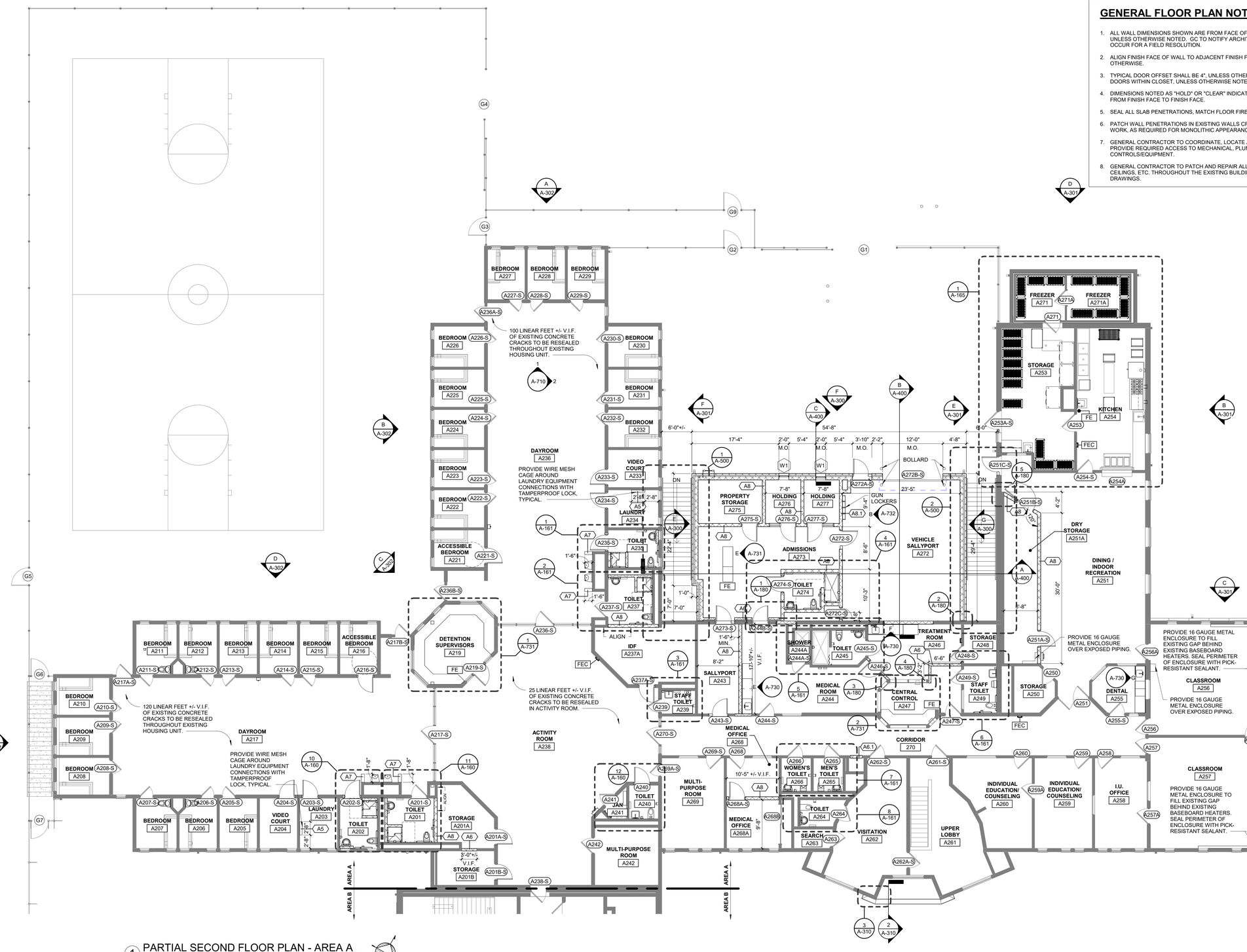

1 PARTIAL SECOND FLOOR PLAN - AREA A
SCALE: 1/8" = 1'-0"

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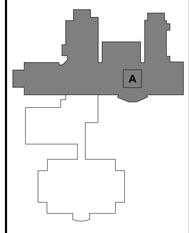

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

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FOR

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LEESPORT, PA 19533

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Drawing Title

PARTIAL SECOND FLOOR PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-104
Drawn By: JR/MW	Checked By: APL

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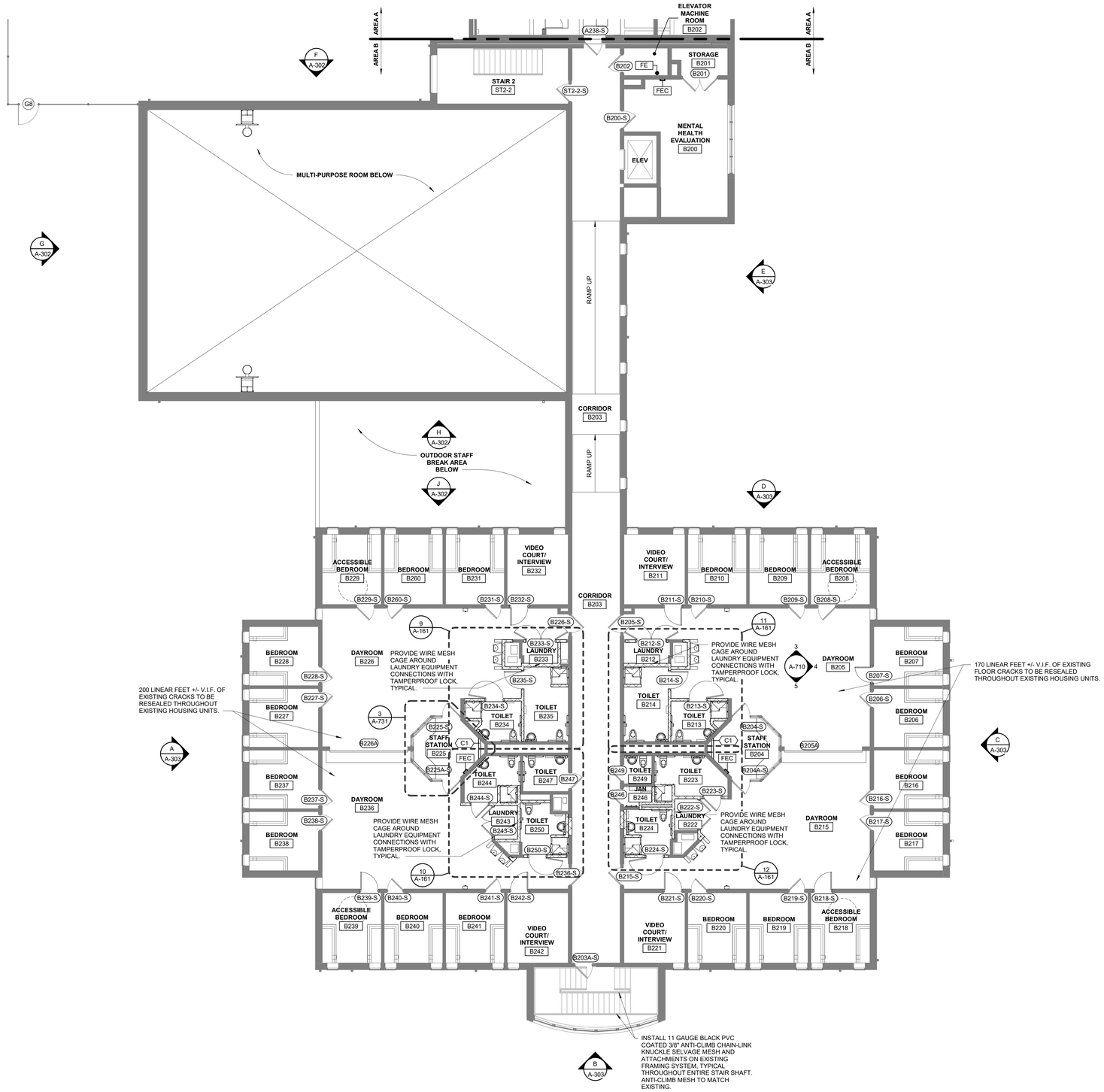

1 PARTIAL SECOND FLOOR PLAN - AREA B
SCALE: 1/8" = 1'-0"

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
	EXISTING PARTITION
	PROPOSED PARTITION
	ABOVE, BELOW, OR BEYOND
	EXISTING DOOR TO REMAIN
	PROPOSED DOOR

GENERAL FLOOR PLAN NOTES

1. ALL WALL DIMENSIONS SHOWN ARE FROM FACE OF CMU/STUD TO FACE OF CMU/STUD, UNLESS OTHERWISE NOTED. GC TO NOTIFY ARCHITECT IMMEDIATELY IF DISCREPANCIES OCCUR FOR A FIELD RESOLUTION.
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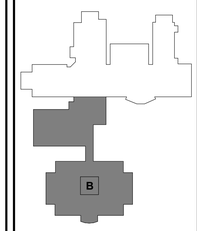

BUILDING KEY PLAN

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LEESPORT, PA 19533

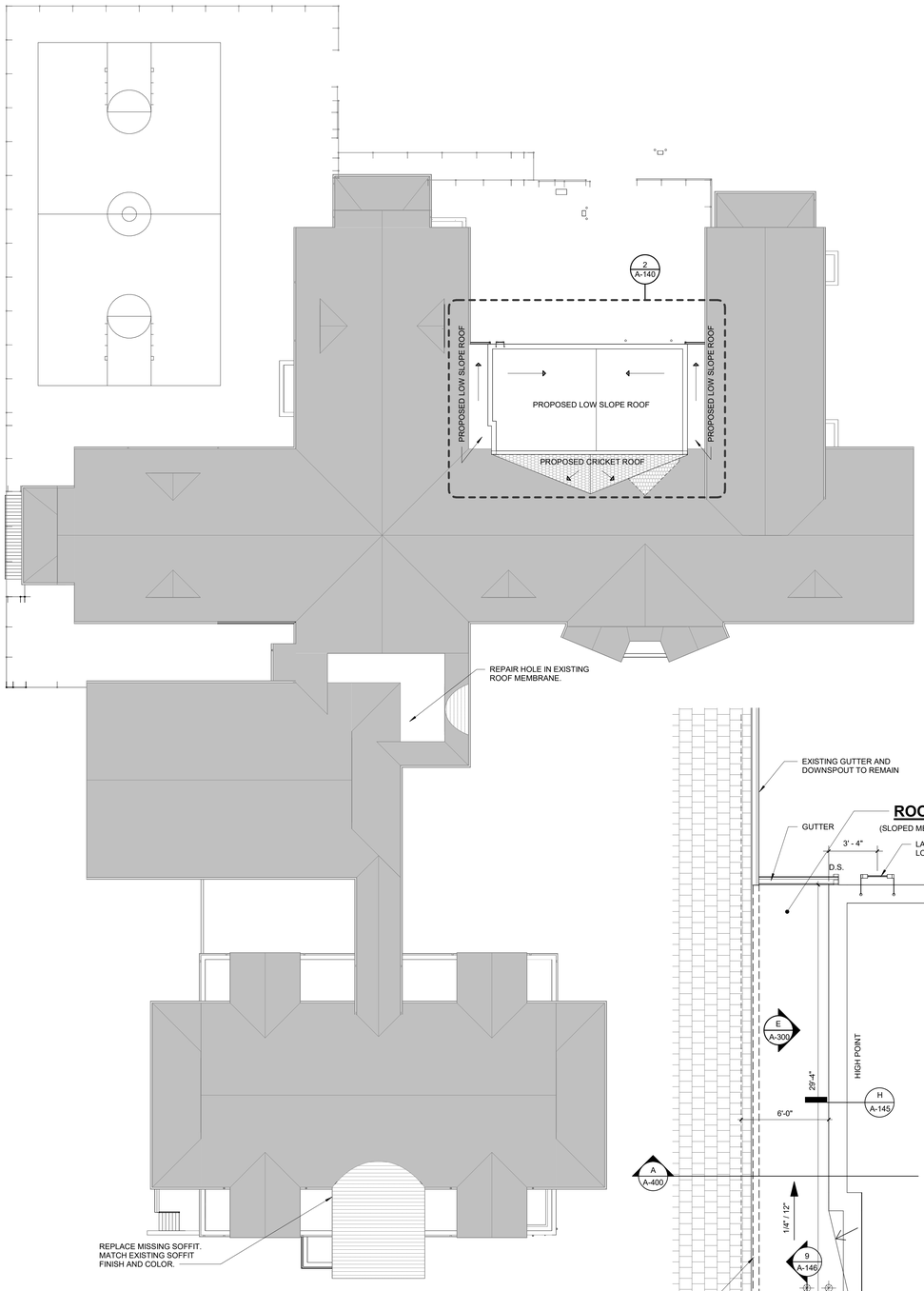
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

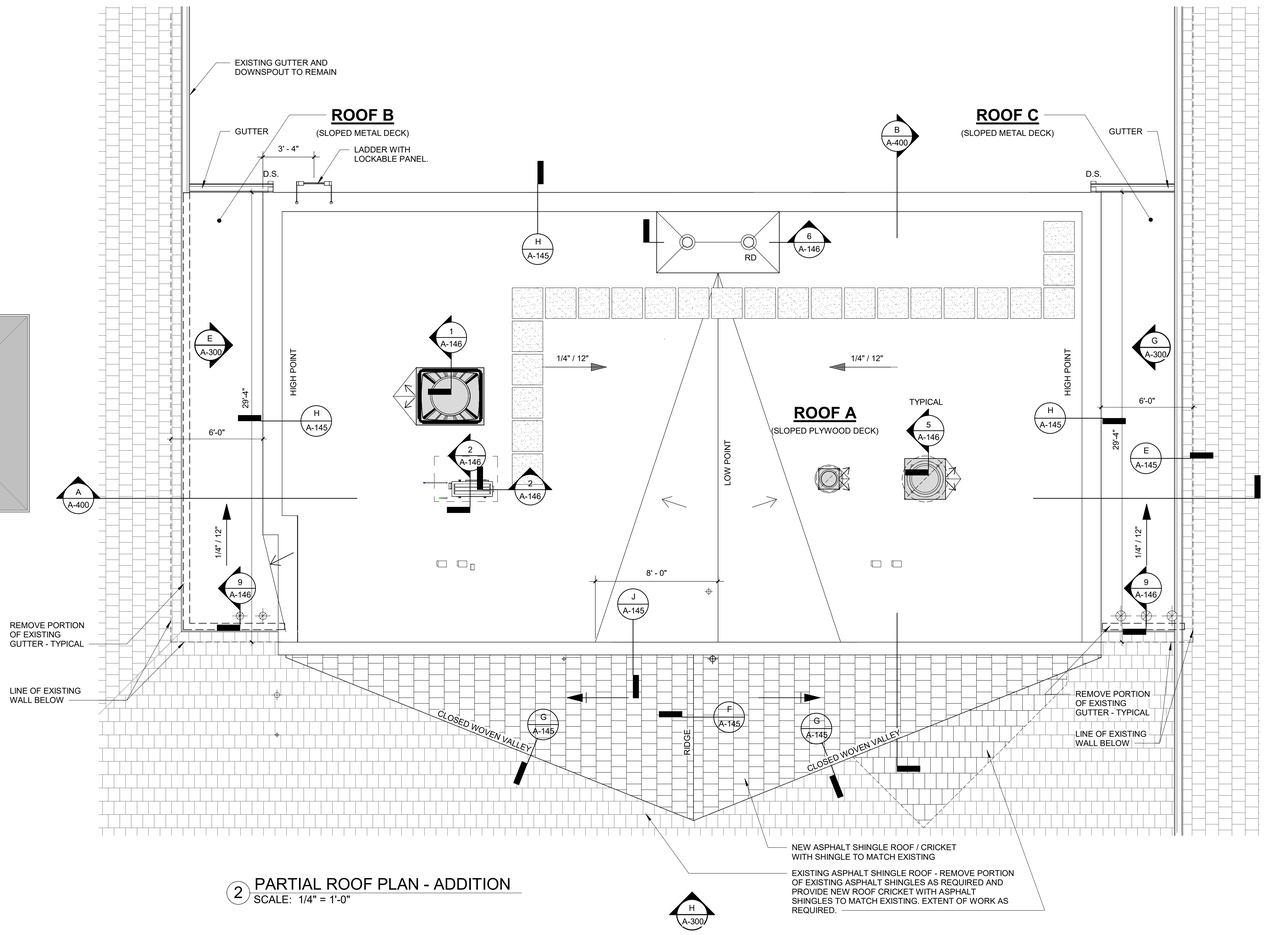
PARTIAL SECOND FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-105
Drawn By: JR/MW	Checked By: APL

10/9/2026 12:30:20 AM



1 OVERALL ROOF PLAN
SCALE: 1/16" = 1'-0"



2 PARTIAL ROOF PLAN - ADDITION
SCALE: 1/4" = 1'-0"

ROOF SCOPE OF WORK NOTES

ROOFS A, B AND C - FULLY ADHERED TPO ROOF SYSTEM ON SLOPED DECK

1. PROVIDE CONTINUOUS FIRE RETARDANT TREATED (FRT) WOOD BLOCKING / NAILERS ALONG THE ROOF PERIMETER AND OTHER CONDITIONS AS INDICATED AND / OR REQUIRED.
2. PROVIDE ROOF DRAIN AND SECONDARY OVER FLOW DRAIN ASSEMBLY WITH CAST IRON CLAMPING RING AND DOME STRAINER, SEE MEP FOR ADDITIONAL INFORMATION.
3. **ROOF A BASE LAYER INSULATION (SLOPED PLYWOOD DECK):** PROVIDE 2 -1/2" CONSTANT THICKNESS POLYISOCYANURATE INSULATION BOARD MECHANICALLY FASTENED TO PLYWOOD DECK WITH ALL JOINTS STAGGERED. NOTE: FASTENER PENETRATION BELOW THE PLYWOOD DECK SHALL NOT TO EXCEED 1".
4. **ROOF A TOP LAYER INSULATION:** PROVIDE 2 -1/2" CONSTANT THICKNESS POLYISOCYANURATE INSULATION BOARD SET IN LOW RISE URETHANE ADHESIVE OVER BASE LAYER INSULATION WITH ALL JOINTS STAGGERED.
5. **ROOFS B AND C INSULATION (SLOPED METAL DECK):** PROVIDE 1" CONSTANT THICKNESS POLYISOCYANURATE INSULATION BOARD MECHANICALLY FASTENED TO METAL DECK WITH ALL JOINTS STAGGERED. NOTE: FASTENER SHALL ONLY PENETRATE THE TOP FLUTE OF THE METAL DECK WITH THE DEPTH OF PENETRATION NOT TO EXCEED 1".
6. **TAPERED CRICKETS:** PROVIDE 1/2" PER FOOT SLOPE TAPERED CRICKETS SET IN LOW RISE URETHANE ADHESIVE AT HIGH SIDE OF ROOF CURBS AND OTHER PENETRATIONS, BETWEEN DRAINS AND AS REQUIRED, WHETHER OR NOT INDICATED ON THE ROOF PLAN.
7. **COVER BOARD:** PROVIDE 1/2" HIGH DENSITY POLYISOCYANURATE INSULATION COVER BOARD SET IN LOW RISE URETHANE ADHESIVE OVER INSULATION AND TAPERED CRICKETS WITH ALL JOINTS STAGGERED.
8. **ROOF MEMBRANE:** PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE SET IN BONDING ADHESIVE.
9. **FLASHING MEMBRANE:** PROVIDE FULLY ADHERED 60 MIL TPO MEMBRANE SET IN BONDING ADHESIVE AT ALL RISING WALLS, CURBS AND ROOF PENETRATIONS.
10. PROVIDE PRE-MANUFACTURED ALUMINUM GUTTERS AND DOWNSPOUTS WITH SIZE AND PROFILE OF GUTTER TO MATCH EXISTING.
11. PROVIDE METAL TERMINATION BAR, SLIP-METAL FLASHING, METAL COUNTER FLASHING AND ALL ACCESSORY ITEMS FOR A COMPLETE INSTALLATION AT ALL CURBS, SUPPORTS, RISING WALLS AND ALL FLASHING CONDITIONS AS INDICATED AND / OR REQUIRED.
12. PROVIDE PRE-MANUFACTURED ALUMINUM COPING SYSTEM AND ALL ACCESSORY ITEMS FOR A COMPLETE INSTALLATION AS INDICATED AND / OR REQUIRED.
13. PROVIDE WALK WAY PADS AROUND SERVICEABLE EQUIPMENT AND PATH LEADING TO THE EQUIPMENT FROM POINT OF ROOF ACCESS.

ROOF SCOPE OF WORK NOTES

ASPHALT SHINGLE ROOF / CRICKET OVER EXISTING ASPHALT SHINGLE ROOF

1. REMOVE PORTION OF EXISTING ASPHALT SHINGLES AND UNDERLAYMENT TO EXPOSE EXISTING PLYWOOD DECK, WITH EXTENT OF DEMOLITION, AS REQUIRED TO FACILITATE THE CONSTRUCTION OF PLYWOOD DECK / CRICKET.
2. REMOVE PORTION OF EXISTING GUTTERS AND DOWNSPOUTS AFFECTED BY THE CONSTRUCTION. PROVIDE CAP AT CUTOFF POINT OF GUTTER TO REMAIN AND SEAL WATERTIGHT.
3. CLEAN DECK SURFACE PRIOR TO START OF CONSTRUCTION.
4. PROVIDE FIRE RETARDANT TREATED (FRT) WOOD NAILERS AND RAFTER FRAMING OVER EXISTING WOOD DECK. PROVIDE 3/4" FRT PLYWOOD DECKING OVER RAFTER FRAMING.
5. PROVIDE SELF-ADHERING ICE DAM PROTECTION MEMBRANE OVER THE PLYWOOD DECKING. AT THE CLOSED WOVEN VALLEYS, TRANSITION BETWEEN THE EXISTING AND THE NEW DECK SURFACES, PROVIDE 36" WIDE MEMBRANE CENTERED OVER THE VALLEY. AT THE RIDGE, PROVIDE 36" WIDE MEMBRANE CENTERED OVER THE RIDGE. AT THE RISING WALL STEP FLASHING CONDITION, PROVIDE 18" WIDE MEMBRANE WITH 12" OF THE MEMBRANE EXTENDING TO THE FIELD OF THE ROOF AND 6" MINIMUM UP THE WALL.
6. PROVIDE ASPHALT SHINGLES TO MATCH EXISTING. AT RISING WALL STEP FLASHING CONDITION, PROVIDE ASPHALT SHINGLES AND STAINLESS STEEL STEP FLASHING, INSTALL ALTERNATELY, TO CREATE A DOWNWARD SHINGLE EFFECT.
7. PROVIDE ASPHALT SHINGLE RIDGE CAP.
8. PROVIDE TWO-PIECE STAINLESS STEEL COUNTER FLASHING OVER STEP FLASHING.

ADDITIONAL GENERAL REQUIREMENTS

1. THE CONTRACTOR IS REQUIRED TO MEET ALL OF THE "BEST PRACTICE" REQUIREMENTS OF THE MANUFACTURER OF THE PRODUCTS, MATERIALS AND / OR SYSTEMS INCORPORATED IN THIS PROJECT. WHERE A SPECIFIC REQUIREMENT OF THE ARCHITECT IS IN VARIANCE TO A REQUIREMENT OF THE MANUFACTURER, PROVIDE THE GREATER QUANTITY OR QUALITY OF THE WORK.
2. ALL PLUMBING VENTS THROUGH ROOF, RADON VENTS, ETC. ARE NOT SHOWN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXTEND AND FLASH ALL SUCH PENETRATIONS TO MINIMUM HEIGHTS AS PER MANUFACTURER'S REQUIREMENTS, OR AS INDICATED ON THE DRAWINGS.
3. AT ALL INTERIOR ROOF DRAINS, RAIN WATER LEADERS AND EXTERIOR GUTTERS & DOWNSPOUTS: "SNAKE-OUT" OR OTHERWISE CLEAN OUT DRAIN PIPING TO ENSURE PROPER OPERATION OF ALL DRAINS, RAIN WATER LEADERS, AND DOWNSPOUTS AT THE CONCLUSION OF THE PROJECT.
4. PROVIDE FLASHING AT ALL CURB MOUNTED MECHANICAL EQUIPMENT, AND OTHER PENETRATIONS AS THEY OCCUR ON THE ROOF. MAINTAIN MINIMUM REQUIRED FLASHING HEIGHT ABOVE THE FINISHED ROOFING SURFACE SO THAT IT MEETS OR EXCEEDS MINIMUM HEIGHTS ALLOWED BY THE ARCHITECT AND / OR REQUIREMENTS OF THE MANUFACTURER OF THE PRODUCTS, MATERIALS AND / OR SYSTEMS.
5. THE LOCATIONS OF MECHANICAL UNITS, FANS, AND CURB SUPPORTS SHOWN ON THE DRAWINGS ARE APPROXIMATE. IF A MECHANICAL UNIT FALLS IN A VALLEY THEN THE CONTRACTOR SHALL CRICKET WATER FLOW AROUND THE UNIT AND / OR CURB.
6. ORIENT RAIL CURBS TO BE PARALLEL TO SLOPE OF ROOFING SYSTEM.
7. PROVIDE PITCH POCKET AND / OR PIPE PORTAL AT ALL PIPING / CONDUIT PENETRATIONS. COORDINATE WITH M.E.P.FP. PLANS.
8. ALL INTERSECTIONS OR OVERLAPPING OF THE ROOFING SYSTEM AND ADJACENT BUILDING ENVELOPE SYSTEMS, INCLUDING JOINTS BETWEEN DIFFERENT ITEMS AND MATERIALS, JOINTS SURROUNDING PENETRATIONS THROUGH MATERIALS, ETC. SHALL BE FILLED WITH COMPATIBLE JOINT SEALANTS. A SEPARATOR SHEET SHALL BE USED WHERE DISSIMILAR OR INCOMPATIBLE MATERIALS INTERSECT OR OVERLAP.
9. ALL WOOD CURBS, BLOCKING, CANTS, SHEATHING, ETC. SHALL BE FIRE RETARDANT TREATED WOOD.
10. CLEAN METAL DECKING FLUTES OF ANY DIRT, DUST AND DEBRIS PRIOR TO ROOFING.
11. PROVIDE TAPERED EDGE STRIPS AT ALL LOCATIONS REQUIRED TO COMPENSATE FOR VARYING INSULATION HEIGHTS.
12. BLOCKING HEIGHTS SHOWN ON CURBS AND EDGE CONDITIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. CONTRACTOR SHALL PROVIDE ALL FULL DIMENSION BLOCKING AS INDICATED AND / OR REQUIRED.
13. THE CONTRACTOR SHALL PROVIDE SEALANT ON ALL EXPOSED FASTENERS.
14. AT ALL NON-CONTINUOUS GUTTER LOCATIONS, PROVIDE 6" WIDE COVER / SPLICE PLATE AND RAIN WATER DIVERTER AT ALL GUTTER EXPANSION JOINTS, SECURE WITH POP RIVETS AND SEALANT.
15. COORDINATE ALIGNMENT OF ALL COPING JOINTS / SEAMS WITH ARCHITECT.
16. THE CONTRACTOR, AT THE END OF EACH WORK DAY FOR THE ENTIRE CONTRACTED ROOF, SHALL PROVIDE A WEATHERTIGHT ROOFING SYSTEM.
17. CONTRACTOR TO WALK THE EXISTING ASPHALT SHINGLE ROOFS AND REPAIR,REPLACE, AND ADD DAMAGED OR MISSING SHINGLES.
18. CONTRACTOR TO CLEAN ALL EXISTING GUTTERS AND DOWNSPOUTS AND INSURE THEY ARE IN WORKING ORDER.
19. CONTRACTOR TO REMOVE ALL DEBRIS FROM ALL EXISTING FLAT ROOFS AND DRAINS. CONTRACTOR TO CLEAN ALL EXISTING FLAT ROOF MEMBRANE.
20. CONTRACTOR TO CHECK ALL CABLE, PIPE OR CONDUIT PENETRATIONS IN EXISTING ROOFS FOR OPENINGS, FAILING SEALANT OR POTENTIAL LEAK POINTS AND RESEAL/REPAIR WHERE NEEDED.
21. CONTRACTOR TO CHECK EXISTING LIGHTENING ARREST SYSTEM THROUGHOUT AND REPLACE BROKEN OR DAMAGED POINTS.

ROOF LEGEND

- ARROW SHOWN INDICATES CONSTANT THICKNESS POLYISOCYANURATE INSULATION OVER SLOPED DECK.
- ARROW SHOWN INDICATES 1/2" PER FOOT SLOPE TAPERED CRICKET.
- ARROW SHOWN INDICATES ASPHALT SHINGLE (TO MATCH EXISTING) OVER NEW 3 / 12 SLOPED PLYWOOD DECK / CRICKET
- ROOF DRAIN AND SECONDARY OVER FLOW DRAIN ASSEMBLY ON 4' X 8' SUMP - SEE PLUMBING
- DS — GUTTER AND DOWNSPOUT
- WALK PAD
- MECHANICAL EQUIPMENT ON CURB - SEE MEP
- MECHANICAL EQUIPMENT ON EQUIPMENT SUPPORTS - SEE MEP
- PLUMBING VENT PIPE - SEE MEP
- POURABLE SEALANT POCKET (MISCELLANEOUS PIPE, CONDUIT, POST-UP, ETC.)
- HEAT STACK - SEE MEP
- PIPE PORTAL - SEE MEP

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

OVERALL ROOF PLAN

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-140
Drawn By: JR/MW	Checked By: APL

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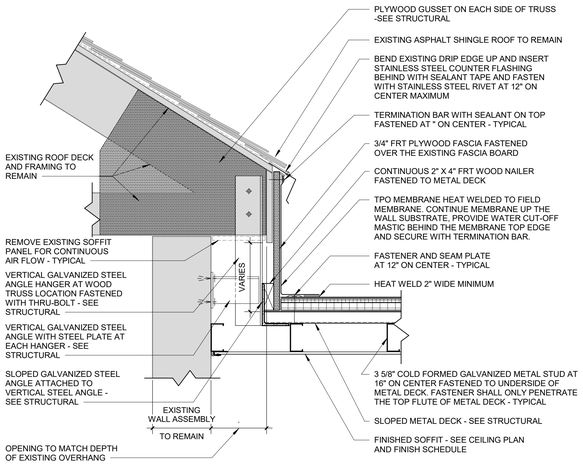
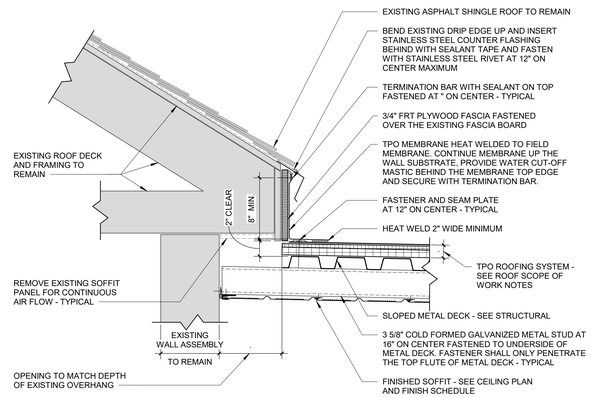


A TPO ROOF ASSEMBLY TO EXISTING ASPHALT SHINGLE ROOF TRANSITION FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



B TPO ROOF ASSEMBLY TO EXISTING ASPHALT SHINGLE ROOF TRANSITION FLASHING DETAIL
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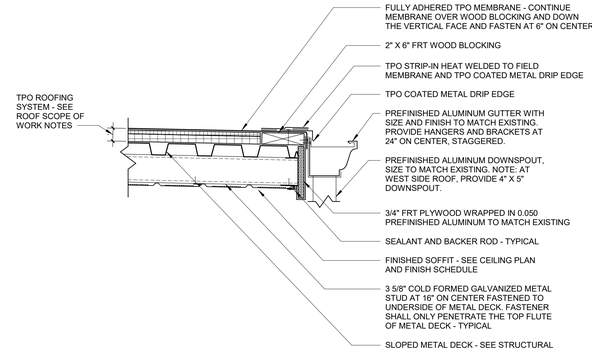

C TPO ROOF ASSEMBLY GUTTER AND DOWNSPOUT DETAIL
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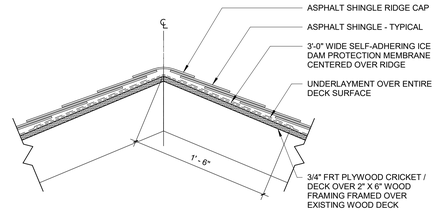

F ASPHALT SHINGLE ROOF RIDGE DETAIL
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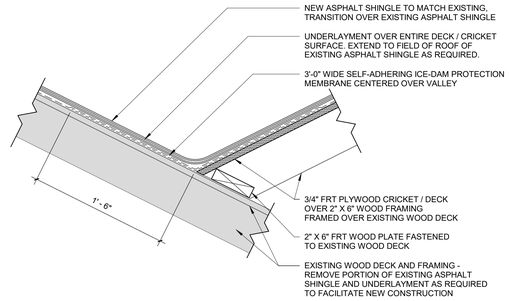

G ASPHALT SHINGLE ROOF VALLEY DETAIL
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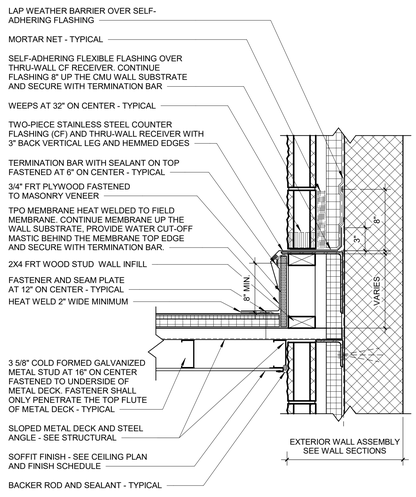

D TPO ROOF RISING WALL FLASHING DETAIL
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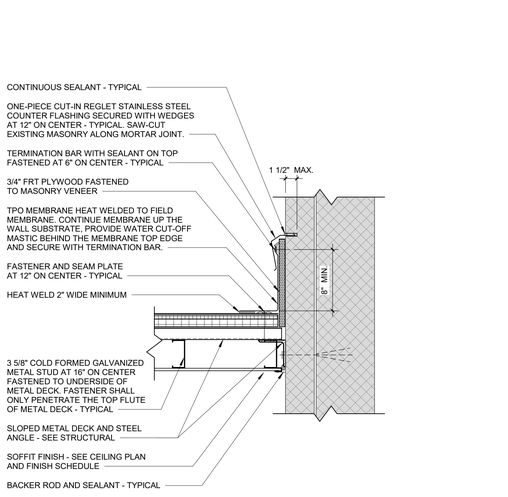

E TPO ROOF RISING WALL FLASHING DETAIL
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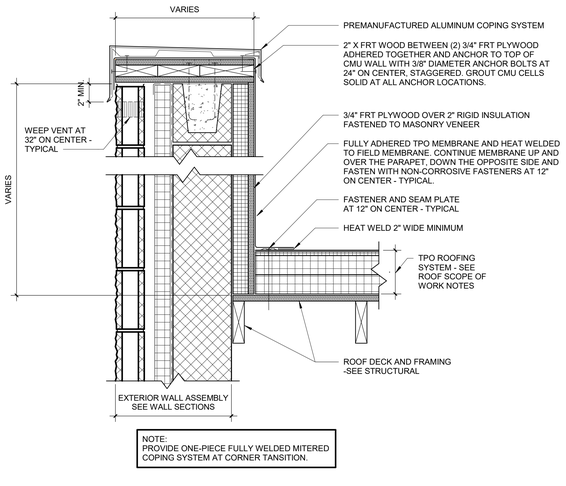

H TPO ROOF PARAPET COPING AND RISING WALL FLASHING DETAIL
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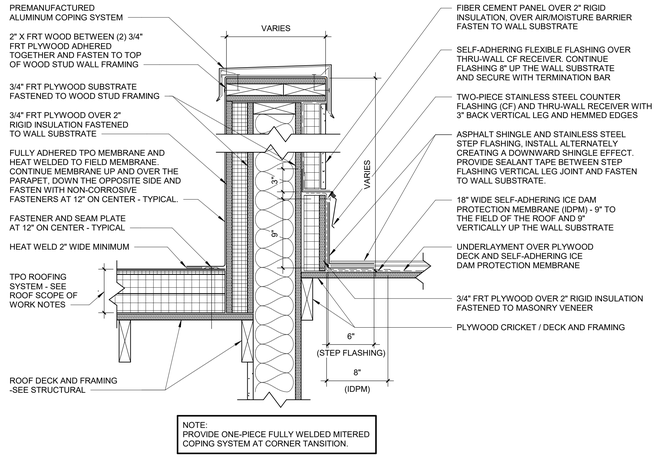

J TPO ROOF PARAPET COPING AND RISING WALL FLASHING WITH ASPHALT SHINGLE ROOF STEP FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"

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Drawing Title
ROOF DETAILS

Scale	USA Project No.
1 1/2" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-145
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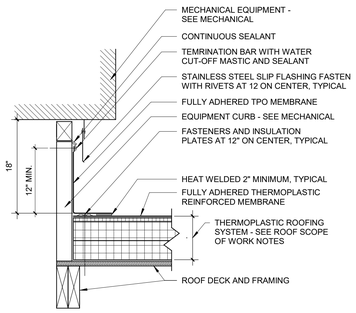
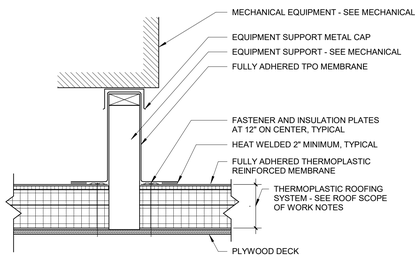
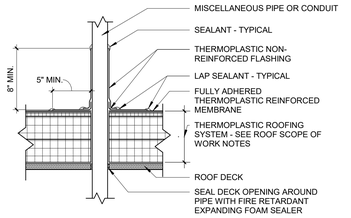


1 EQUIPMENT CURB FLASHING DETAIL



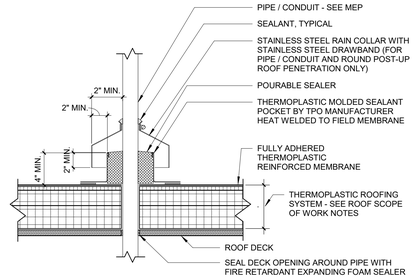
2 EQUIPMENT SUPPORT FLASHING



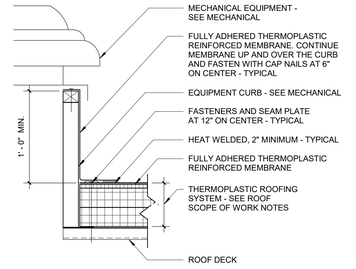
NOTE:

1. PROVIDE SIMILAR DETAIL FOR ALL MISCELLANEOUS PIPE, CONDUIT AND ROUND POST-UP ROOF PENETRATIONS. AT LOCATIONS WHERE THE USE OF FIELD WRAP IS NOT POSSIBLE, PROVIDE POURABLE SEALANT POCKET.

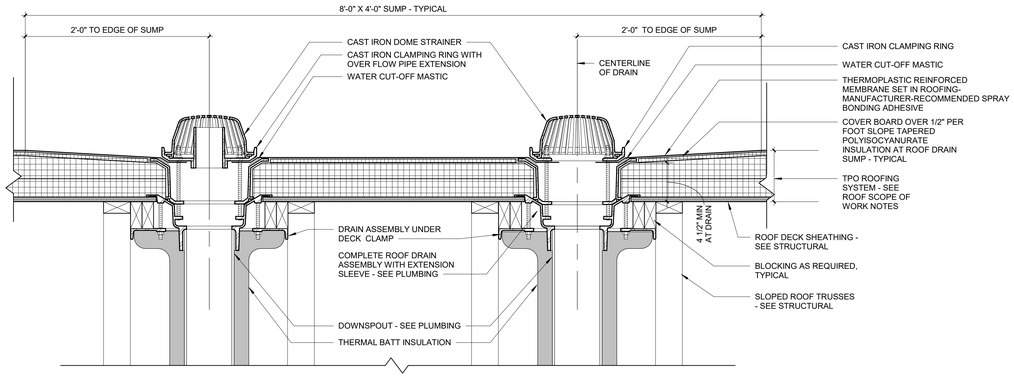
3 FIELD WRAP DETAIL



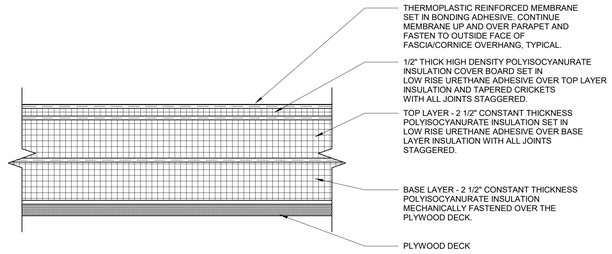
4 POURABLE SEALANT POCKET



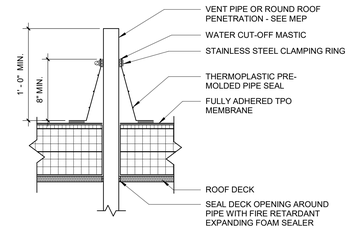
5 EQUIPMENT CURB FLASHING DETAIL



6 ROOF DRAIN FLASHING DETAIL



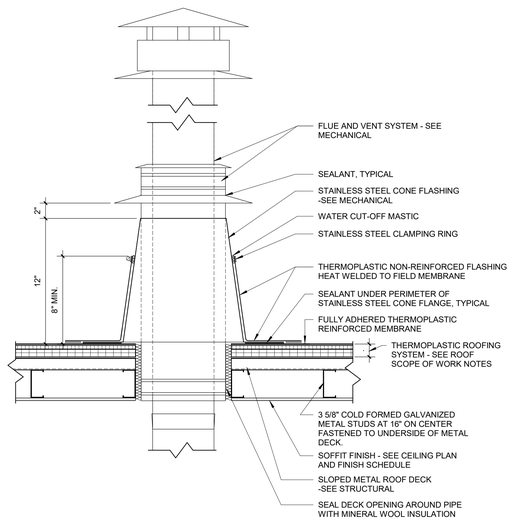
7 TPO ROOF ASSEMBLY



NOTES:

1. THERMOPLASTIC PRE-MOLDED PIPE SEAL MUST HAVE INTACT RIB AT THE TOP EDGE REGARDLESS OF PIPE DIAMETER.
2. PROVIDE SIMILAR DETAIL FOR ALL MISCELLANEOUS PIPE AND CONDUITS ROOF PENETRATION. AT LOCATIONS WHERE THE USE OF THERMOPLASTIC PRE-MOLDED PIPE SEAL IS NOT POSSIBLE, PROVIDE FIELD WRAP.

8 VENT PIPE BOOT DETAIL



9 HOT PIPE BOOT DETAIL
SCALE: 1 1/2" = 1'-0"

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FOR

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ROOF DETAILS

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-146
Drawn By: JR	Checked By: APL

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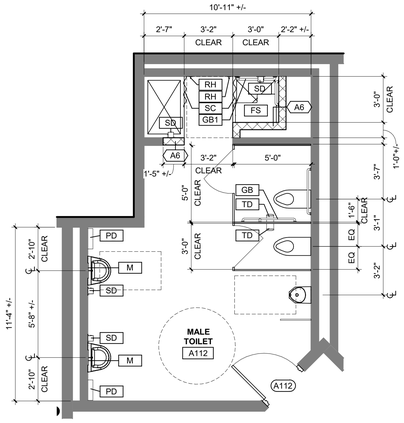

1 ENLARGED TOILET PLAN
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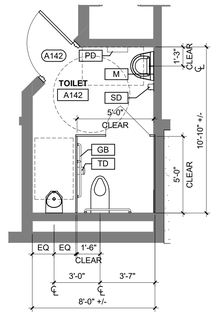

2 ENLARGED TOILET PLAN
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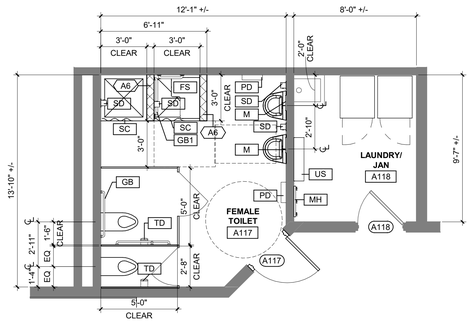

3 ENLARGED TOILET PLAN
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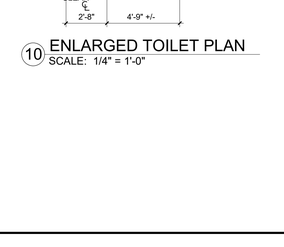

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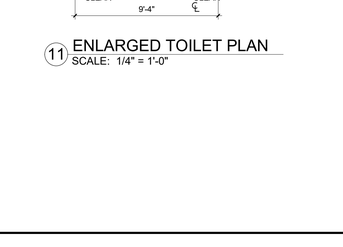
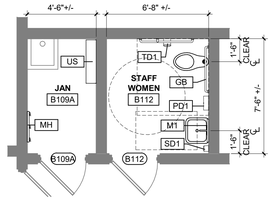
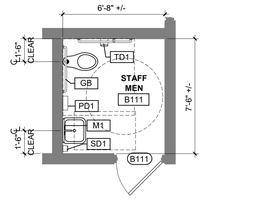


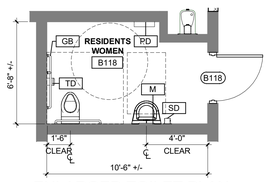
5 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



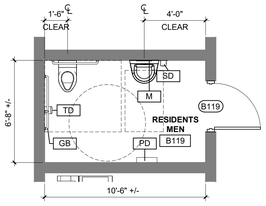
6 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



7 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



8 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



9 ENLARGED TOILET PLAN
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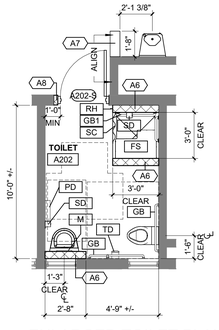
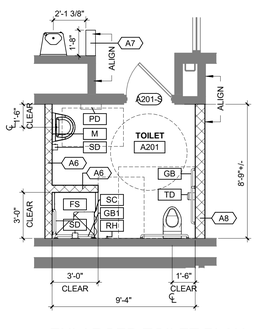
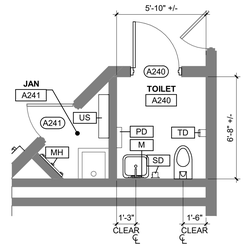


10 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



11 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



12 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"

TOILET ACCESSORY LEGEND - BASIS OF DESIGN

TAG	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	FINISH	SUPPLIED BY:		INSTALLED BY:	
						GC	OWNER	GC	OWNER
FS1	FOLDING SHOWER SEAT	BRADLEY	9569	SURFACE	STAINLESS/PHENOLIC	X		X	
FS	FOLDING SHOWER SEAT - DETENTION	NORIX	ISS-200	RECESSED	STAINLESS	X		X	
GB	GRAB BAR SECURITY	BRADLEY	SA70	SURFACE	STAINLESS	X		X	
M1	MIRROR	BRADLEY	780	SURFACE	STAINLESS	X		X	
M	MIRROR - DETENTION	BRADLEY	SA03-1	SURFACE	STAINLESS	X		X	
MH	MOP HOLDER - 3 HOOK	BRADLEY	9953	SURFACE	STAINLESS	X		X	
NDU	SANITARY NAPKIN DISPOSAL	BRADLEY	4A10	SURFACE	STAINLESS	X		X	
PD1	PAPER TOWEL DISPENSER	BRADLEY	250-15	SURFACE	STAINLESS	X		X	
PD2	PAPER TOWEL DISPENSER	BRADLEY	-	RECESSED	STAINLESS	X		X	
PD	PAPER TOWEL DISPENSER - DETENTION	WHITEHALL MFG.	WH1848B	SURFACE	WHITE POWDERCOAT	X		X	
RH1	ROBE HOOK	BRADLEY	9124	SURFACE	STAINLESS	X		X	
RH	HOOK - DETENTION	WHITEHALL MFG.	WH1830A-SLPT	SURFACE	WHITE POWDERCOAT	X		X	
SC	LIGATURE RESISTANT SHOWER CURTAIN AND ROD					X		X	
SS	SHOWER SHELF - DETENTION	WHITEHALL MFG.	WH1183	SURFACE	WHITE POWDERCOAT	X		X	
SD1	SOAP DISPENSER	BRADLEY	6A03-110000	SURFACE	STAINLESS	X		X	
SD	SOAP/SHAMPOO DISPENSER - DETENTION	KINGSWAY GROUP	KG07	SURFACE	STAINLESS	X		X	
TD1	TOILET PAPER DISPENSER	BRADLEY	5A10-11	SURFACE	STAINLESS	X		X	
TD	TOILET PAPER DISPENSER - DETENTION	WHITEHALL MFG.	WH1847B	SURFACE	WHITE POWDERCOAT	X		X	
US	UTILITY SHELF	BRADLEY	9933	SURFACE	STAINLESS	X		X	

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TO THE

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

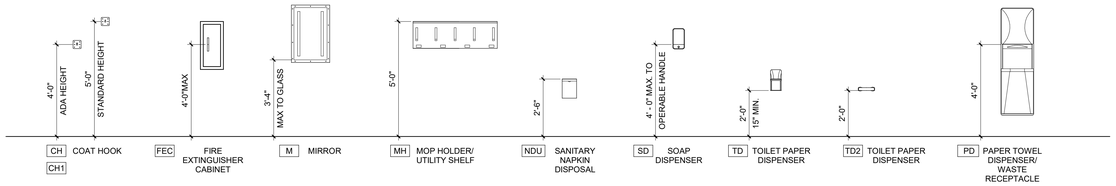
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ENLARGED PLANS

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-160
Drawn By: ML/VK	Checked By: APL

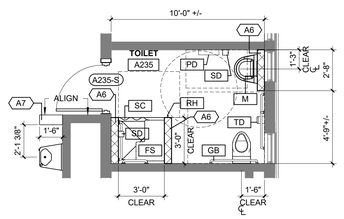
10/9/2026 12:30:31 AM



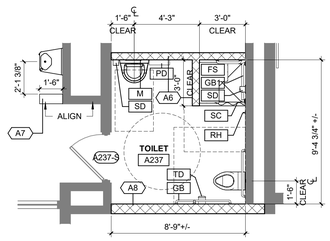
A TOILET ACCESSORY MOUNTING HEIGHTS
SCALE: 3/8" = 1'-0"

TOILET ACCESSORY LEGEND - BASIS OF DESIGN

TAG	DESCRIPTION	MANUFACTURER	MODEL	MOUNTING	FINISH	SUPPLIED BY:		INSTALLED BY:	
						GC	OWNER	GC	OWNER
FS1	FOLDING SHOWER SEAT	BRADLEY	9569	SURFACE	STAINLESS/PHENOLIC	X		X	
FS	FOLDING SHOWER SEAT - DETENTION	NORIX	ISS-200	RECESSED	STAINLESS	X		X	
GB	GRAB BAR SECURITY	BRADLEY	SA70	SURFACE	STAINLESS	X		X	
M1	MIRROR	BRADLEY	780	SURFACE	STAINLESS	X		X	
M	MIRROR - DETENTION	BRADLEY	SA03-1	SURFACE	STAINLESS	X		X	
MH	MOP HOLDER - 3 HOOK	BRADLEY	9953	SURFACE	STAINLESS	X		X	
NDU	SANITARY NAPKIN DISPOSAL	BRADLEY	4A10	SURFACE	STAINLESS	X		X	
PD1	PAPER TOWEL DISPENSER	BRADLEY	250-15	SURFACE	STAINLESS	X		X	
PD2	PAPER TOWEL DISPENSER	BRADLEY	-	RECESSED	STAINLESS	X		X	
PD	PAPER TOWEL DISPENSER - DETENTION	WHITEHALL MFG.	WH1848B	SURFACE	WHITE POWDERCOAT	X		X	
RH1	ROBE HOOK	BRADLEY	9124	SURFACE	STAINLESS	X		X	
RH	HOOK - DETENTION	WHITEHALL MFG.	WH1830A-SLPT	SURFACE	WHITE POWDERCOAT	X		X	
SC	LIGATURE RESISTANT SHOWER CURTAIN AND ROD					X		X	
SS	SHOWER SHELF - DETENTION	WHITEHALL MFG.	WH1183	SURFACE	WHITE POWDERCOAT	X		X	
SD1	SOAP DISPENSER	BRADLEY	6A03-110000	SURFACE	STAINLESS	X		X	
SD	SOAP/SHAMPOO DISPENSER - DETENTION	KINGSWAY GROUP	KG07	SURFACE	STAINLESS	X		X	
TD1	TOILET PAPER DISPENSER	BRADLEY	5A10-11	SURFACE	STAINLESS	X		X	
TD	TOILET PAPER DISPENSER - DETENTION	WHITEHALL MFG.	WH1847B	SURFACE	WHITE POWDERCOAT	X		X	
US	UTILITY SHELF	BRADLEY	9933	SURFACE	STAINLESS	X		X	



1 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED TOILET PLAN
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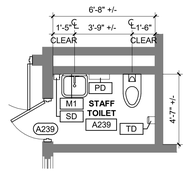
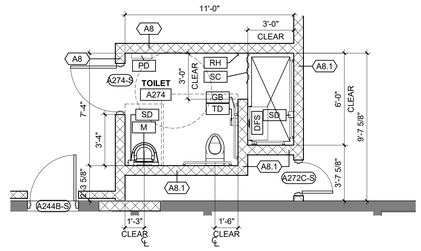
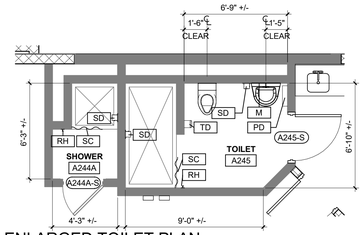


3 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



4 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



5 ENLARGED TOILET PLAN
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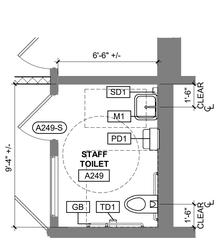

6 ENLARGED TOILET PLAN
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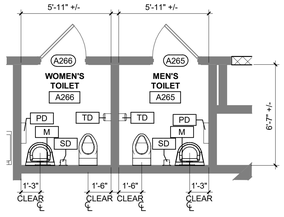
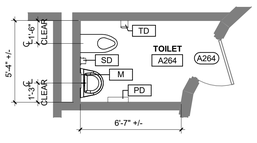


7 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"



8 ENLARGED TOILET PLAN
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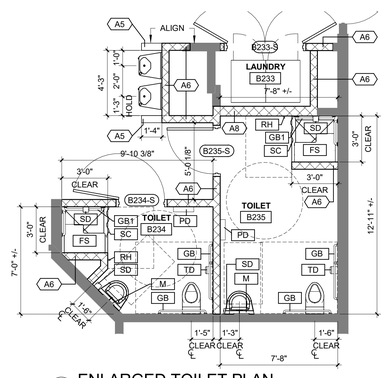

9 ENLARGED TOILET PLAN
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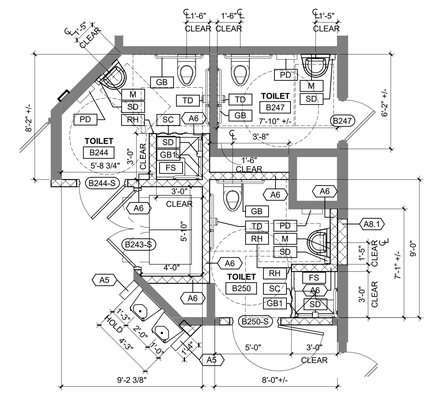

10 ENLARGED TOILET PLAN
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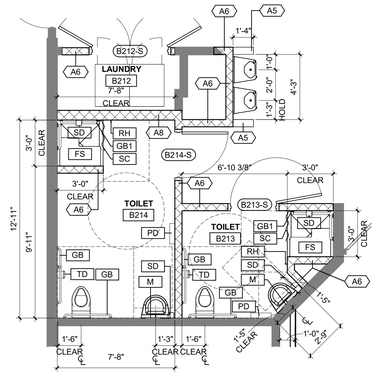

11 ENLARGED TOILET PLAN
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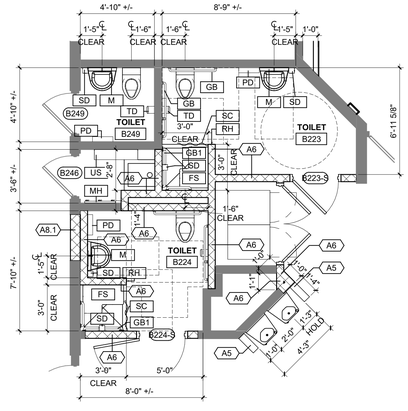

12 ENLARGED TOILET PLAN
SCALE: 1/4" = 1'-0"

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TO THE

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

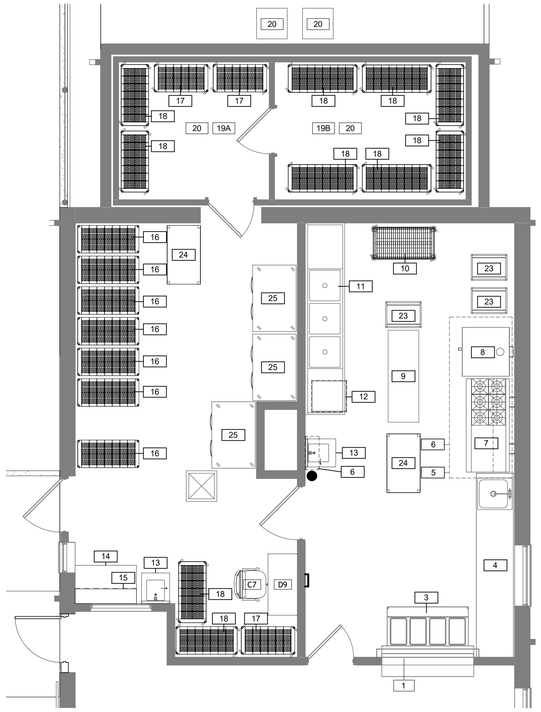
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ENLARGED PLANS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-161
Drawn By: ML/VK	Checked By: APL

10/9/2026 12:30:38 AM



1 ENLARGED KITCHEN PLAN
SCALE: 1/4" = 1'-0"

KITCHEN EQUIPMENT SCHEDULE - BASIS OF DESIGN

TAG	QTY	STATUS	DESCRIPTION	MAKE/MODEL (BASIS OF DESIGN)
1	1	EXISTING	STAINLESS STEEL PASS SHELF WITH ROLL DOWN GRILL	EXISTING
2			NOT USED	EXISTING
3	1	EXISTING	FOUR WELL HOT FOOD UNIT	EXISTING
4	1	EXISTING	12' ST.ST.WORK COUNTER W/ SINK	EXISTING
5	1	EXISTING	EXHAUST HOOD	EXISTING
6	1	EXISTING	FIRE PROTECTION SYSTEM	EXISTING ANSUL SYSTEM TO BE TESTED, RECHARGED, CONNECTED AND REARMED BY A CERTIFIED CONTRACTOR.
7	1	NEW	SIX BURNER RANGE WITH 3' GRIDDLE AND TWO (2) CONVECTION OVEN BASE	REFER TO SPECIFICATION
8	1	NEW	DOUBLE DECK CONVECTION OVEN	REFER TO SPECIFICATION
9	1	EXISTING	14"x72" ST. ST. WORKTABLE	EXISTING
10	1	NEW	20"x48"x4" SHELVES HIGH POT + PAN SHELVING UNIT	REFER TO SPECIFICATION
11	1	EXISTING	31"x12'-6" THREE (3) COMPARTMENT POT SINK	EXISTING
12	1	EXISTING	UNDERCOUNTER DISHWASHER	EXISTING
13	2	NEW	HAND WASH SINK WITH EYE WASH	REFER TO SPECIFICATION
14	1	NEW	WORK COUNTER W/ DRAWER	REFER TO SPECIFICATION
15	1	NEW	WALL MOUNTED SHELF	REFER TO SPECIFICATION
16	1-LOT	NEW	20"x4"x FIVE (5) SHELVES HIGH WITH TRACK	REFER TO SPECIFICATION
17	3	NEW	20"x42"x FIVE (5) SHELVES HIGH METROMAX SHELVING UNITS	REFER TO SPECIFICATION
18	10	NEW	20"x48"x FIVE (5) SHELVES HIGH METROMAX SHELVING UNITS	REFER TO SPECIFICATION
19A	1	EXISTING	WALK-IN COOLER	EXISTING WALK-IN COOLER TO BE CONVERTED TO A FREEZER.
19B	1	EXISTING	WALK-IN FREEZER	EXISTING
20	2	NEW	WALK-IN FREEZER CONDENSING UNIT/ EVAPORATOR COIL	REFER TO SPECIFICATION
21			NOT USED	
22			NOT USED	
23	3	NEW	NESTING PAN RACK	REFER TO SPECIFICATION
24	2	NEW	UTILITY CART	REFER TO SPECIFICATION
25	3	NEW	REACH IN REFRIGERATORS	REFER TO SPECIFICATION
26	1	NEW	SERVING COUNTER - COLD FOOD	REFER TO SPECIFICATION

NOTE:

1.KITCHEN EQUIPMENT DEALER TO PROVIDE SIGNED AND SEALED SPOT CONNECTION DRAWINGS OF ALL KITCHEN EQUIPMENT.

2. ALL EXISTING EQUIPMENT AND SURFACES INSIDE AND OUT TO BE CLEANED WITH INDUSTRICAL CLEANER/DEGREASER.

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ENLARGED KITCHEN PLAN

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-165
Drawn By: MML / Checked By: APL	

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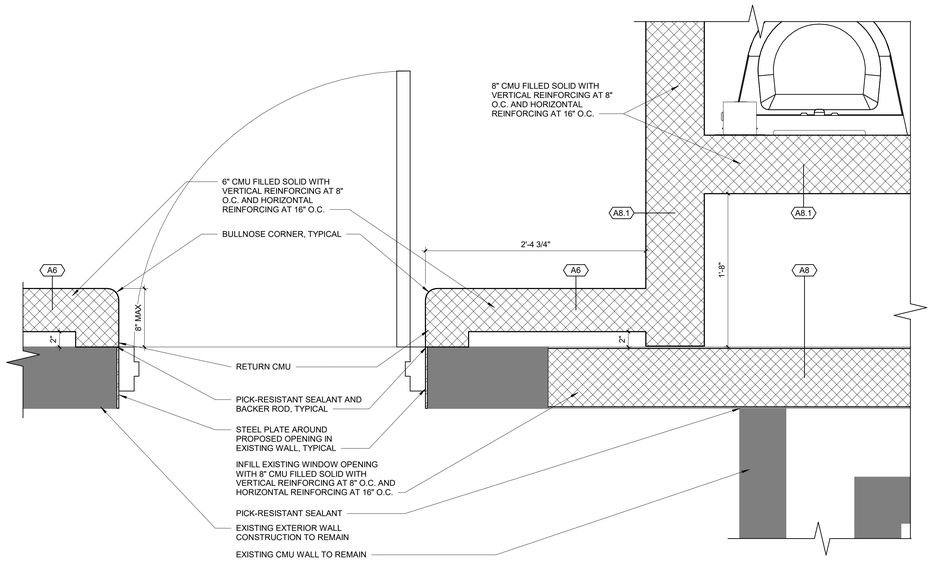

1 PLAN DETAIL
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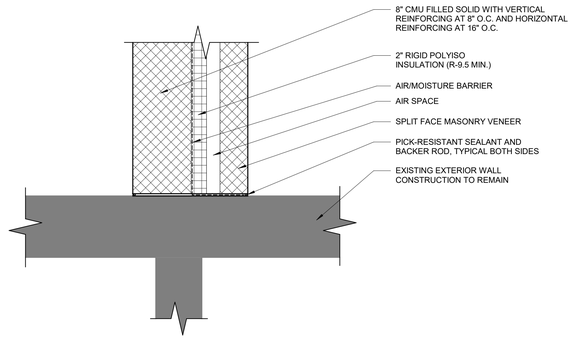

2 PLAN DETAIL
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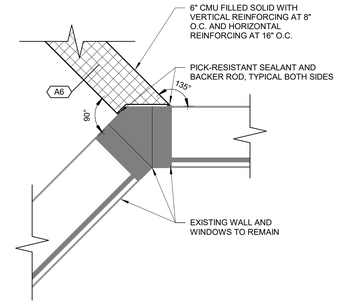

3 PLAN DETAIL
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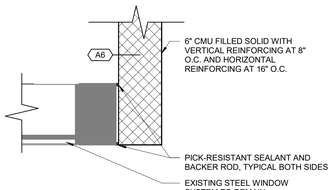
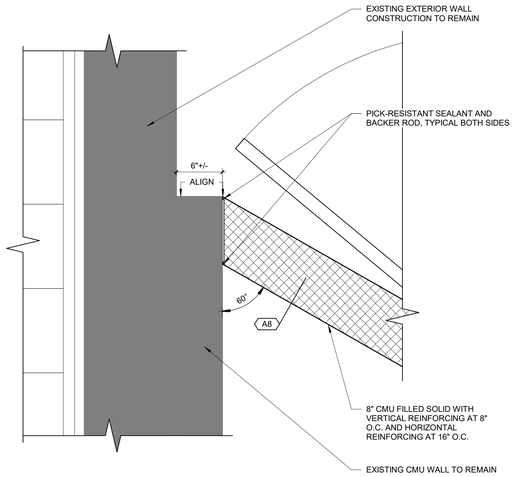


4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



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

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PLAN DETAILS

Scale	USA Project No.
1 1/2" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-180
Drawn By: MW/MC	Checked By: APL

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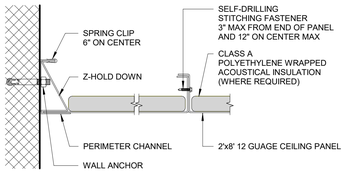
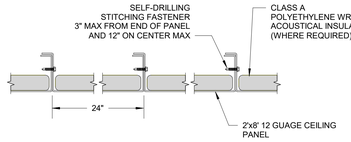
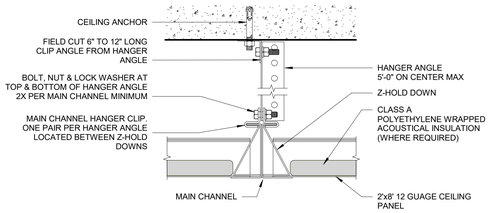
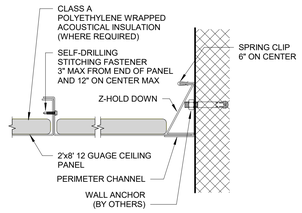
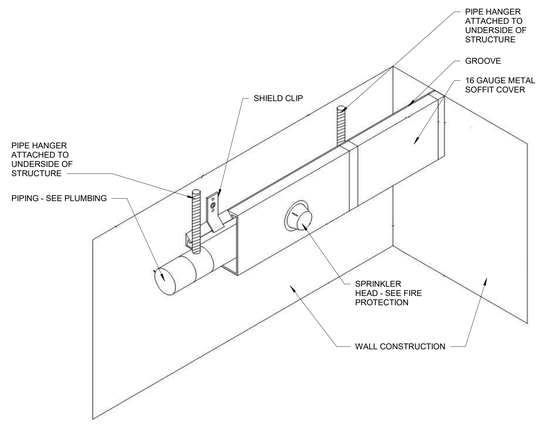




2 SECURITY CEILING DETAILS
SCALE: 3" = 1'-0"







3 SOFFIT DETAIL
SCALE: 6" = 1'-0"

1 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- APC-1 — 2' x 4' ACOUSTIC PANEL CEILING
- EXP — NO CEILING (UNDERSIDE OF DECK EXPOSED)
- S-1 — 2' x 4' TAMPER-PROOF 12 GA STEEL CEILING SYSTEM
- ETR-APC — EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- GYP-1 — GYPSUM BOARD ON SUSPENDED SYSTEM
- ETR-S — EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- GYP-2 — GYPSUM BOARD ON COLD FORMED METAL FRAMING
- ETR-GYP — EXISTING GYPSUM BOARD CEILING TO REMAIN
- GYP-3 — GYPSUM BOARD ON UNDERSIDE OF WOOD TRUSSES

- 2' x 4' LIGHT FIXTURE
- 2' x 2' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- PENDANT LIGHT FIXTURE - LINEAR
- RECESSED DOWNLIGHT
- EXIT SIGN
- SUPPLY DIFFUSER
- RETURN DIFFUSER

GENERAL REQUIREMENTS:

1. MEASURE EACH CEILING AREA PRIOR TO INSTALLATION AND ESTABLISH THE LAYOUT OF THE ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED OTHERWISE BY SPECIFIC DIMENSIONS OR LAYOUT REQUIREMENTS.

2. REFER TO ELECTRICAL DRAWINGS FOR TYPES OF FIXTURES. UTILIZE REFLECTED CEILING PLANS FOR LOCATIONS AND COORDINATION OF FIXTURES. ANY DISCREPANCY BETWEEN ELECTRICAL AND ARCHITECTURAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

3. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTS, NIGHT LIGHTS, AND EXIT SIGN LOCATIONS.

4. REFER TO MECHANICAL DRAWINGS FOR H.V.A.C. GRILLES AND DIFFUSERS. UTILIZE REFLECTED CEILING PLAN FOR LOCATION AND COORDINATION OF ITEMS. ANY DISCREPANCY BETWEEN THE MECHANICAL AND ARCHITECTURAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

5. ALL CEILING HEIGHTS TO BE ABOVE FINISHED FLOOR FOR EACH ROOM.

6. PLACEMENT OF SPRINKLER HEADS SHALL BE AT THE CENTER OF ACOUSTICAL TILE UNLESS NOTED OTHERWISE. COORDINATE LOCATION WITH PLUMBING, ELECTRICAL, AND H.V.A.C. FIXTURES AND EQUIPMENT.

7. CONTRACTOR TO REPLACE ANY MISSING OR DAMAGED CEILING TILES IN EXISTING CEILINGS WITH NEW TILES TO MATCH THE EXISTING CEILING SYSTEM.

8. CONTRACTOR TO VERIFY ALL EXISTING CEILING HEIGHTS IN AREAS AFFECTED BY WORK.

9. GENERAL CONTRACTOR MUST COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING SECURE OR INACCESSIBLE CEILINGS. MECHANICAL CONTRACTOR MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS.

10. GENERAL CONTRACTOR TO COORDINATE, LOCATE AND SUPPLY CEILING ACCESS PANELS IN ALL "INACCESSIBLE" CEILINGS, INCLUDING BUT NOT LIMITED TO SECURE STEEL CEILINGS AND GYPSUM CEILINGS TO PROVIDE REQUIRED ACCESS TO MECHANICAL, PLUMBING, ELECTRICAL AND LOW VOLTAGE CONTROLS/EQUIPMENT.

11. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

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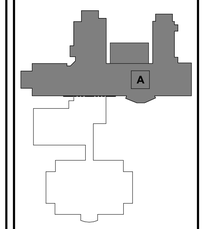

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

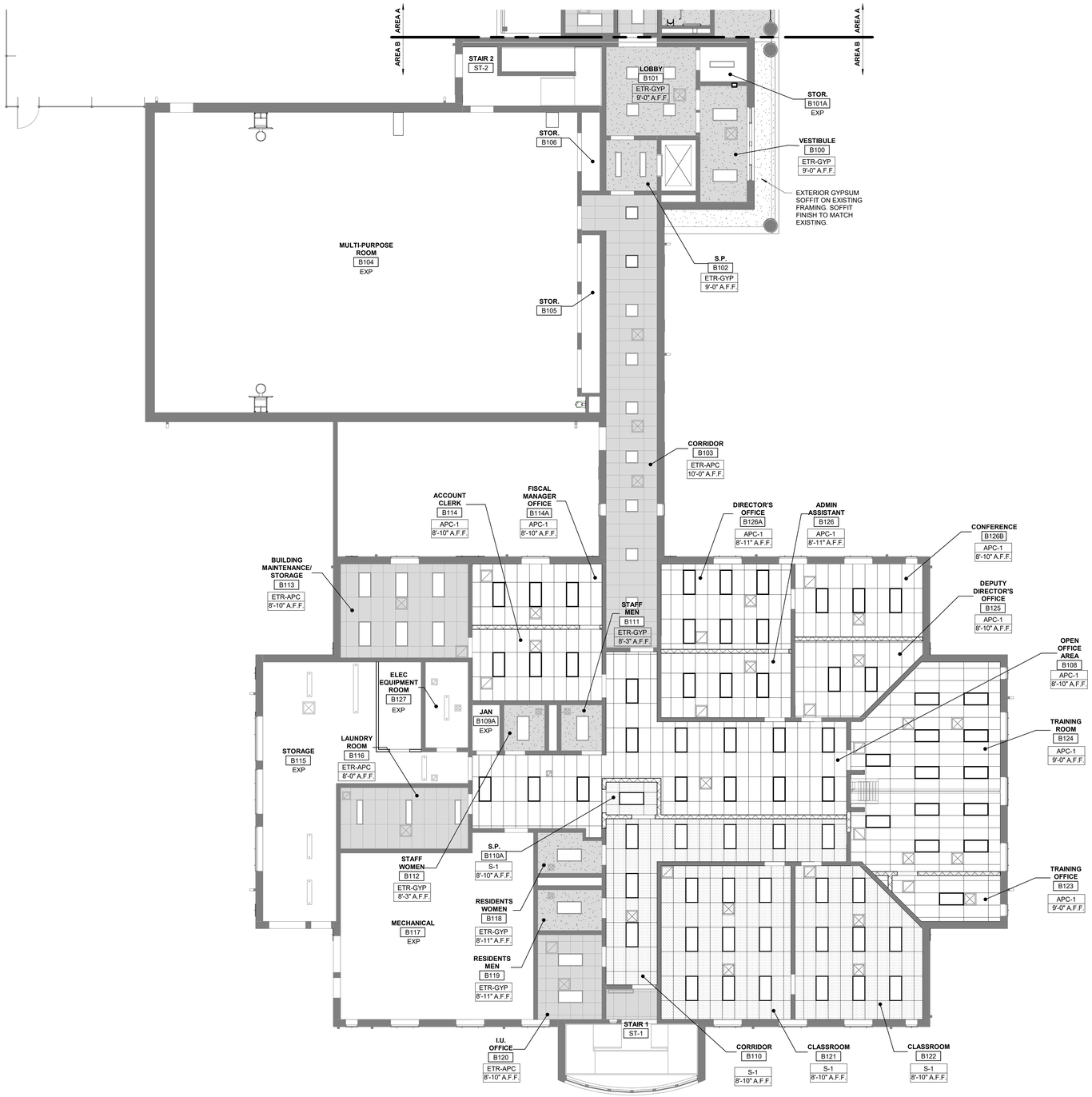
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Draw: PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA A AND CEILING DETAILS

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-201
Drawn By: MW	Checked By: APL

10/9/2026 12:30:44 AM



1 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA B
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- APC-1: 2' x 4' ACOUSTIC PANEL CEILING
- EXP: NO CEILING (UNDERSIDE OF DECK EXPOSED)
- S-1: 2' x 4' TAMPER-PROOF 12 GA STEEL CEILING SYSTEM
- ETR-APC: EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- GYP-1: GYPSUM BOARD ON SUSPENDED SYSTEM
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- GYP-2: GYPSUM BOARD ON COLD FORMED METAL FRAMING
- ETR-GYP: EXISTING GYPSUM BOARD CEILING TO REMAIN
- GYP-3: GYPSUM BOARD ON UNDERSIDE OF WOOD TRUSSES

- 2' x 4' LIGHT FIXTURE
- 2' x 2' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- PENDANT LIGHT FIXTURE - LINEAR
- RECESSED DOWNLIGHT
- EXIT SIGN
- SUPPLY DIFFUSER
- RETURN DIFFUSER

GENERAL REQUIREMENTS:

1. MEASURE EACH CEILING AREA PRIOR TO INSTALLATION AND ESTABLISH THE LAYOUT OF THE ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED OTHERWISE BY SPECIFIC DIMENSIONS OR LAYOUT REQUIREMENTS.

2. REFER TO ELECTRICAL DRAWINGS FOR TYPES OF FIXTURES. UTILIZE REFLECTED CEILING PLANS FOR LOCATIONS AND COORDINATION OF FIXTURES. ANY DISCREPANCY BETWEEN ELECTRICAL AND ARCHITECTURAL DRAWINGS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY.

3. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTS, NIGHT LIGHTS, AND EXIT SIGN LOCATIONS.

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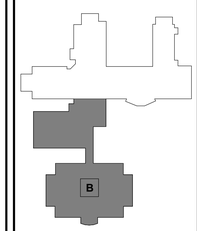

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

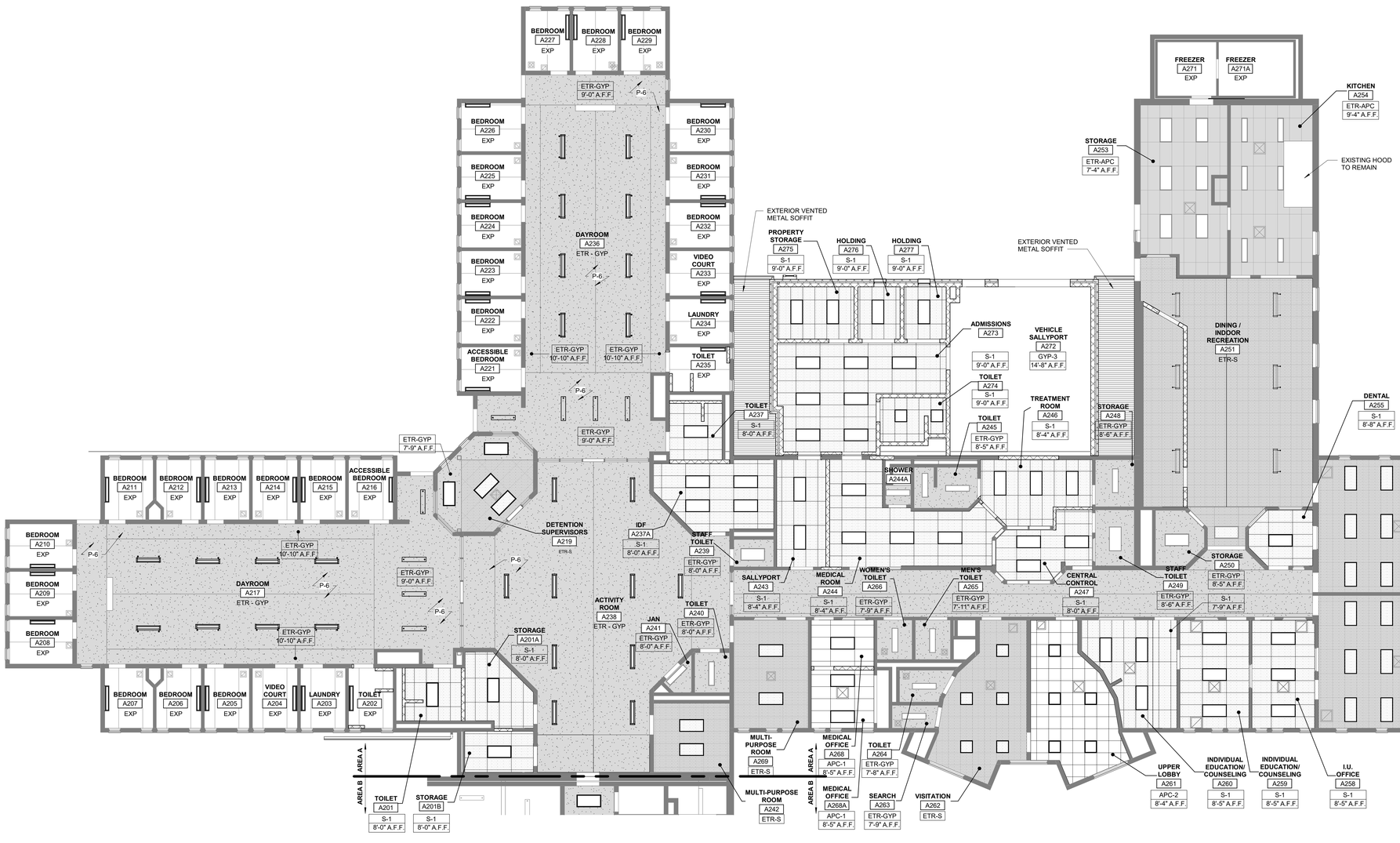
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-202
Drawn By: MW/MC	Checked By: APL

10/9/2026 12:30:45 AM



1 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- **APC-1** 2' x 4' ACOUSTIC PANEL CEILING
- **EXP** NO CEILING (UNDERSIDE OF DECK EXPOSED)
- **S-1** 2' x 4' TAMPER-PROOF 12 GA STEEL CEILING SYSTEM
- **ETR-APC** EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- **GYP-1** GYPSUM BOARD ON SUSPENDED SYSTEM
- **ETR-S** EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- **GYP-2** GYPSUM BOARD ON COLD FORMED METAL FRAMING
- **ETR-GYP** EXISTING GYPSUM BOARD CEILING TO REMAIN
- **GYP-3** GYPSUM BOARD ON UNDERSIDE OF WOOD TRUSSES

- 2' x 4' LIGHT FIXTURE
- 2' x 2' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- PENDANT LIGHT FIXTURE - LINEAR
- RECESSED DOWNLIGHT
- EXIT SIGN
- SUPPLY DIFFUSER
- RETURN DIFFUSER

GENERAL REQUIREMENTS:

1. MEASURE EACH CEILING AREA PRIOR TO INSTALLATION AND ESTABLISH THE LAYOUT OF THE ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED OTHERWISE BY SPECIFIC DIMENSIONS OR LAYOUT REQUIREMENTS.

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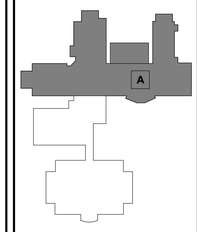

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

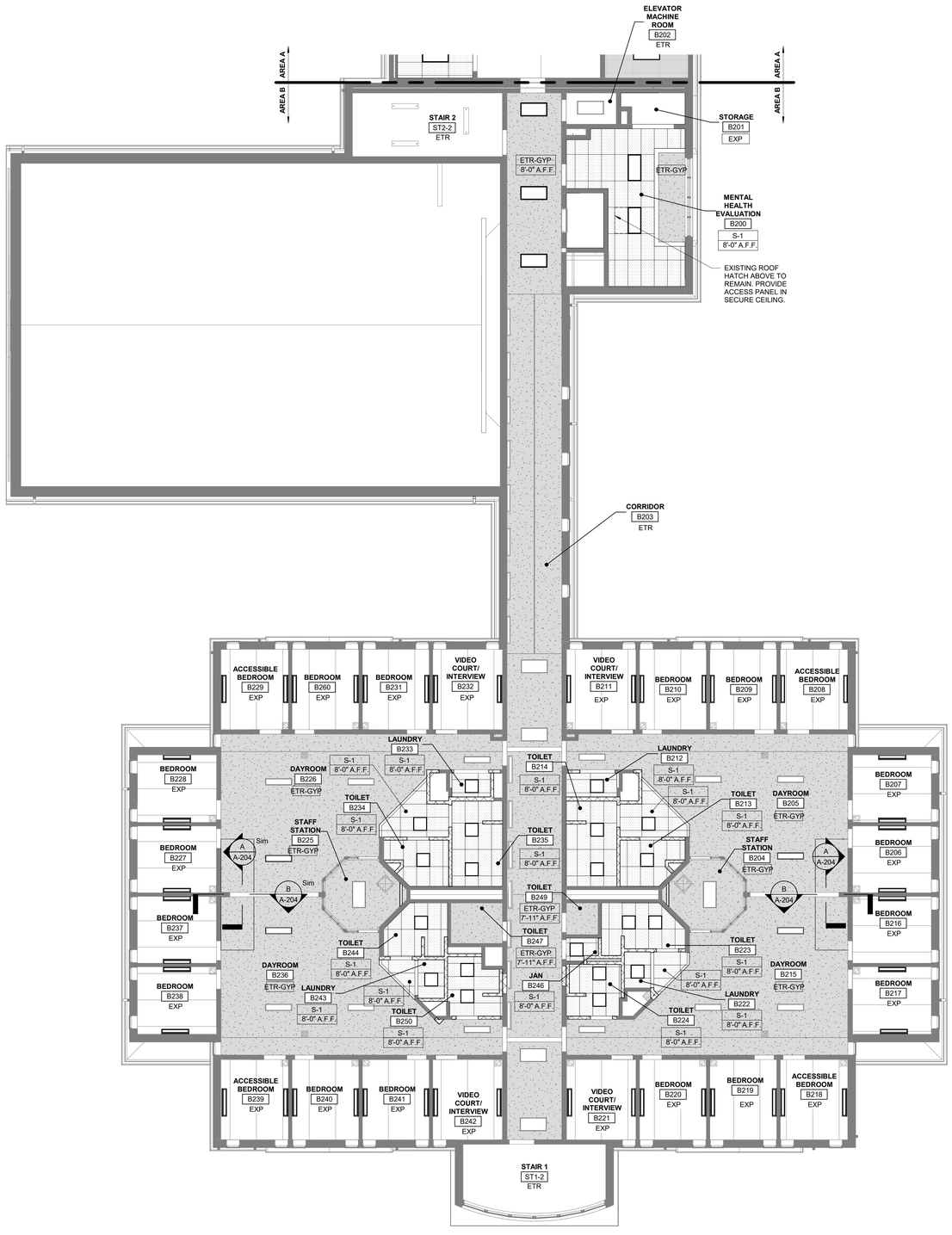
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-203
Drawn By: MW/MC	Checked By: APL

10/9/2026 12:30:48 AM



1 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA B
SCALE: 1/8" = 1'-0"

CEILING LEGEND

- APC-1: 2' x 4' ACOUSTIC PANEL CEILING
- EXP: NO CEILING (UNDERSIDE OF DECK EXPOSED)
- S-1: 2' x 4' TAMPER-PROOF 12 GA STEEL CEILING SYSTEM
- ETR-APC: EXISTING ACOUSTICAL PANEL CEILING TO REMAIN
- GYP-1: GYPSUM BOARD ON SUSPENDED SYSTEM
- ETR-S: EXISTING TAMPER-PROOF STEEL CEILING SYSTEM TO REMAIN
- GYP-2: GYPSUM BOARD ON COLD FORMED METAL FRAMING
- ETR-GYP: EXISTING GYPSUM BOARD CEILING TO REMAIN
- GYP-3: GYPSUM BOARD ON UNDERSIDE OF WOOD TRUSSES

- 2' x 4' LIGHT FIXTURE
- 2' x 2' LIGHT FIXTURE
- 1' x 4' LIGHT FIXTURE
- PENDANT LIGHT FIXTURE - LINEAR
- RECESSED DOWNLIGHT
- EXIT SIGN
- SUPPLY DIFFUSER
- RETURN DIFFUSER

GENERAL REQUIREMENTS:

1. MEASURE EACH CEILING AREA PRIOR TO INSTALLATION AND ESTABLISH THE LAYOUT OF THE ACOUSTICAL PANEL SYSTEM SO THAT THE PANELS AT THE PERIMETER ARE CUT TO EQUAL SIZES TO THE OPPOSITE WALL AND PROVIDE MINIMUM DIMENSION OF 6" FOR CUT PIECES, UNLESS NOTED OTHERWISE BY SPECIFIC DIMENSIONS OR LAYOUT REQUIREMENTS.

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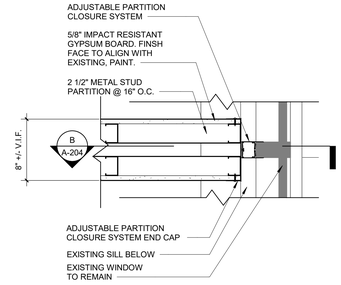
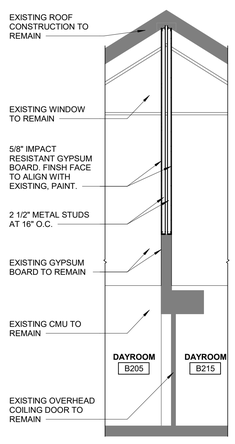
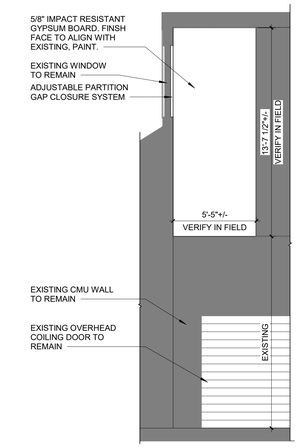


C DAYROOM WINDOW/WALL DETAIL
SCALE: 1 1/2" = 1'-0"



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



B WALL INFILL ELEVATION
SCALE: 1/4" = 1'-0"

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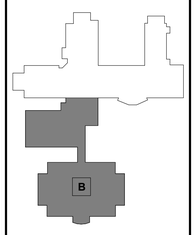

BUILDING KEY PLAN

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FOR

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No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

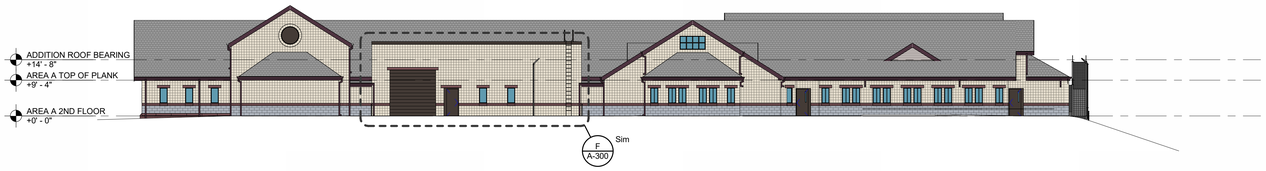
Drawing Title
PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - AREA B

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-204
Drawn By: MW/MC	Checked By: APL

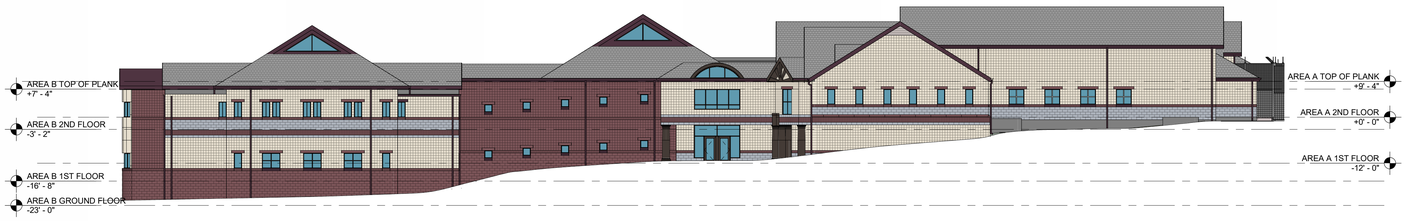
10/9/2026 12:30:50 AM

EXTERIOR MATERIAL LEGEND

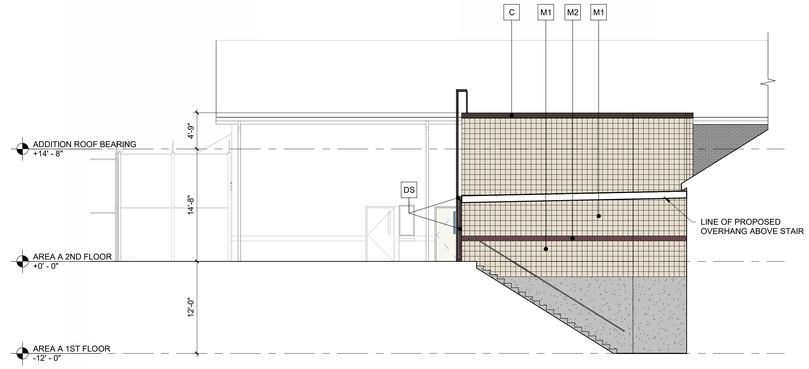
KEYNOTE		MATERIAL	SIZE	STYLE	COLOR	BASIS OF DESIGN
	M1	SPLIT FACE MASONRY VENEER	8" H x 8" W x 4" D	SPLIT FACE	MATCH EXISTING - TAN	YORK BUILDING PRODUCTS - KHAKI
	M2	SPLIT FACE FLUTTED MASONRY VENEER	8" H x 16" W x 4" D	SPLIT FACE - FLUTED	MATCH EXISTING - BURGUNDY	YORK BUILDING PRODUCTS - CINNAMON
	C	ALUMINUM COPING	-	-	MATCH EXISTING	
	CS	CAST STONE SILL/HEAD	-	-	MATCH EXISTING	
	FC	FIBER CEMENT PANELS	-	-	MATCH EXISTING - TAN	
	DS	ALUMINUM GUTTER AND DOWNSPOUT				



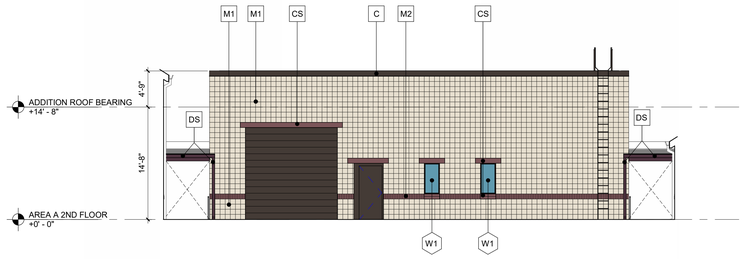
A OVERALL NORTH ELEVATION
SCALE: 1/16" = 1'-0"



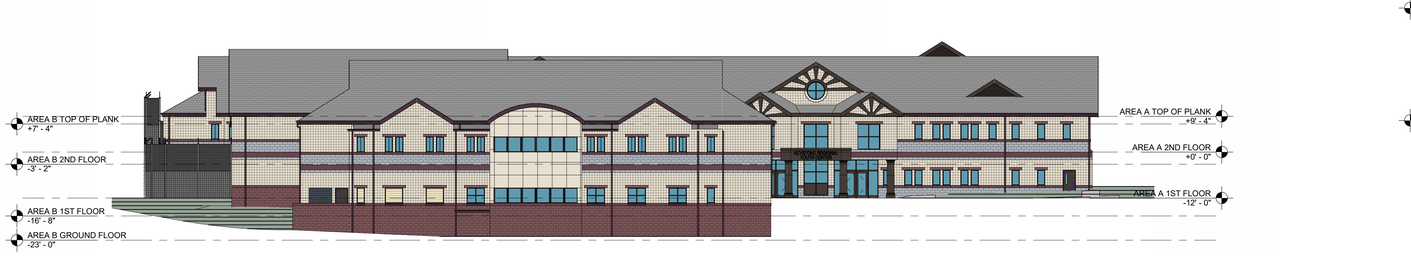
B OVERALL EAST ELEVATION
SCALE: 1/16" = 1'-0"



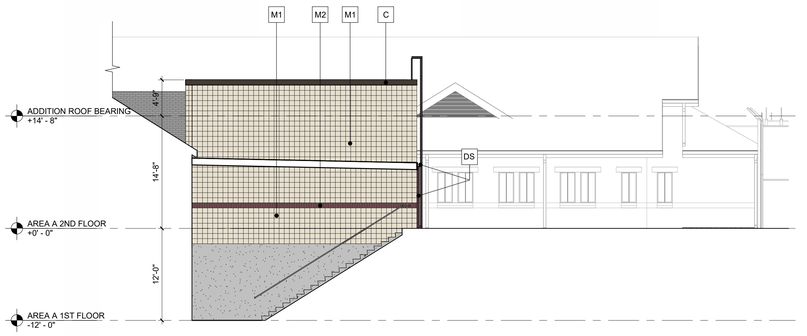
E ADDITION ELEVATION WEST
SCALE: 1/8" = 1'-0"



F ADDITION ELEVATION NORTH
SCALE: 1/8" = 1'-0"



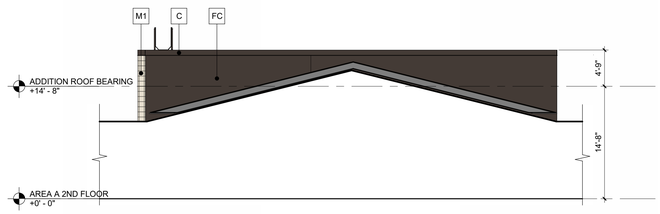
C OVERALL SOUTH ELEVATION
SCALE: 1/16" = 1'-0"



G ADDITION ELEVATION EAST
SCALE: 1/8" = 1'-0"



D OVERALL WEST ELEVATION
SCALE: 1/16" = 1'-0"



H ADDITION ELEVATION SOUTH
SCALE: 1/8" = 1'-0"

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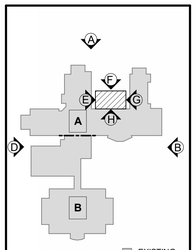

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

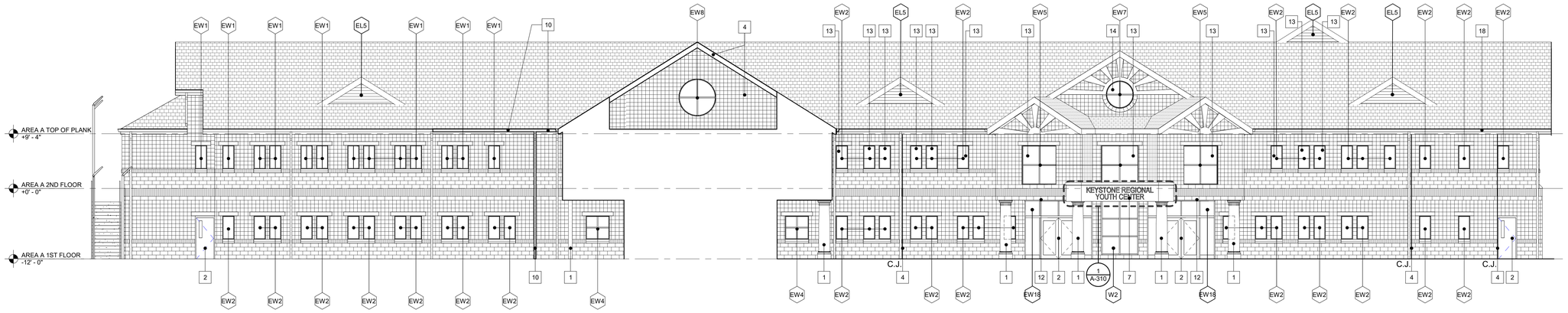
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

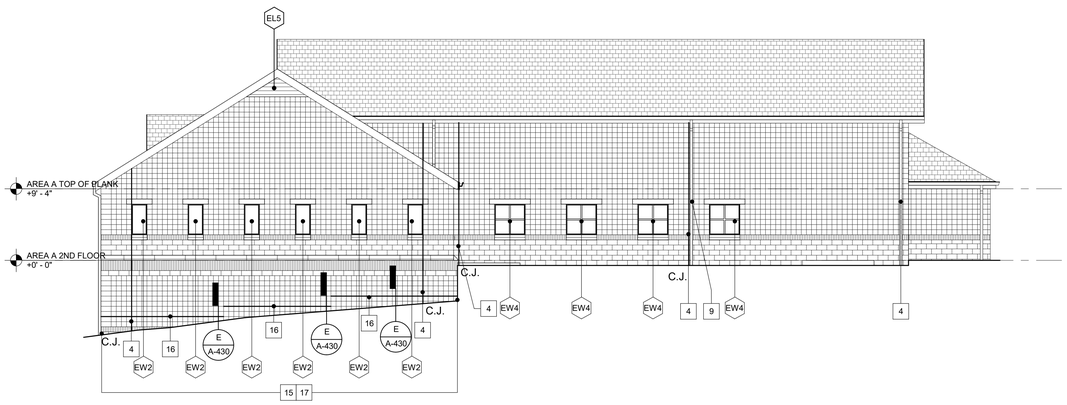
OVERALL AND ADDITION EXTERIOR ELEVATIONS

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-300
Drawn By: MSC	Checked By: APL

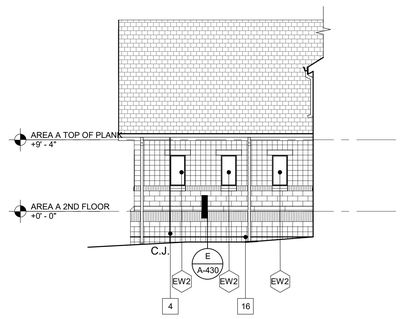
10/9/2026 12:31:12 AM



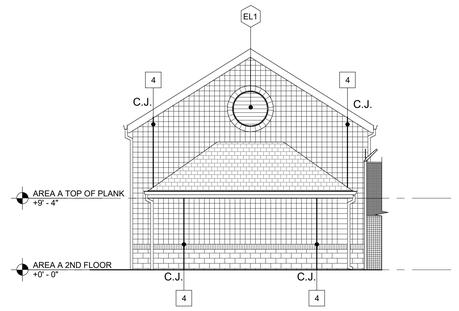
A PARTIAL SOUTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



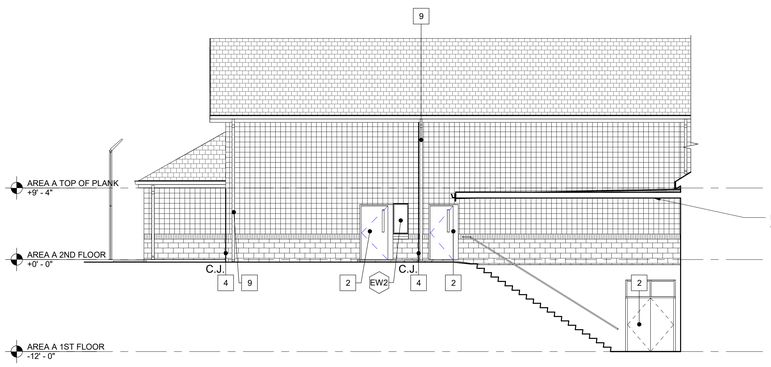
B PARTIAL EAST ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



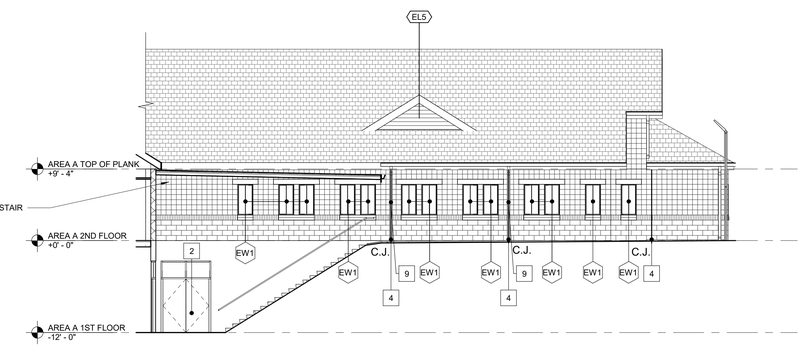
C PARTIAL NORTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



D PARTIAL NORTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



E PARTIAL WEST ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



F PARTIAL EAST ELEVATION - AREA A
SCALE: 1/8" = 1'-0"

LEGEND

C.J. CONTROL JOINT

KEYNOTE LEGEND

1. PAINT EXISTING COLUMN(S) IN THEIR ENTIRETY P-7.
2. PAINT AND RESEAL ALL EXISTING EXTERIOR DOOR(S) P-7.
3. CLEAN AND RESEAL EXISTING CRACK IN MASONRY.
4. REMOVE AND RESEAL EXISTING CONTROL JOINT.
5. REMOVE EXISTING WOOD TRIM AND ANCHORS IN ITS ENTIRETY. SEAL EXISTING ANCHOR AND FASTENER OPENINGS.
6. SCRAPE AND PAINT EXISTING STEEL COLUMN.
7. REMOVE EXISTING SIGNAGE AND FASCIA AND REPLACE WITH PROPOSED SIGNAGE AND FASCIA.
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9. EXISTING DOWNSPOUTS TO BE EXTENDED BELOW GRADE AND TIED INTO EXISTING STORM DRAINAGE. - SEE CIVIL
10. REPLACE MISSING DOWNSPOUT AND GUTTER. PROPOSED DOWNSPOUT AND GUTTER TO MATCH EXISTING.
11. REMOVE EXISTING HORIZONTAL AND VERTICAL METAL PANEL JOINT SEALANT AND RESEAL WITH HIGH PERFORMANCE SEALANT.
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13. REMOVE EXISTING GLAZING AND REPLACE WITH GLAZING G-7-L3 AND RESEAL.
14. REMOVE EXISTING GLAZING AND REPLACE WITH SPANDREL GLAZING AND RESEAL.
15. UNCOVER AND CLEAN EXISTING MASONRY WEEP HOLES. REPLACE GRADING AS REQUIRED.
16. REMOVE EXISTING MASONRY VENEER AS REQUIRED TO INSTALL FLASHING. SALVAGE FOR REINSTALLATION. INSTALL CONTINUOUS THRU-WALL FLASHING 8" MIN. ABOVE FINAL GRADE WITH WEEP HOLES MIN. 24" O.C.
17. SEAL ALL SELF-DRILLED HOLES IN MASONRY VENEER, TYPICAL.
18. REMOVE AND REPLACE EXISTING GUTTER. PROPOSED GUTTER TO MATCH EXISTING.
19. LOCATION OF WET WALL TO BE INVESTIGATED BY THE CONTRACTOR.

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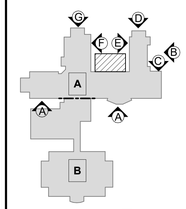

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

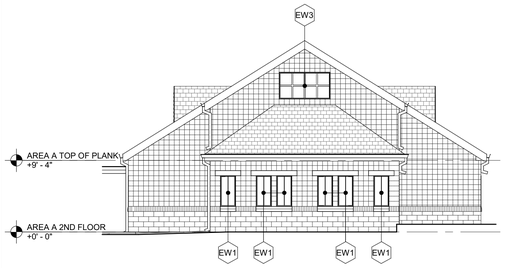
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

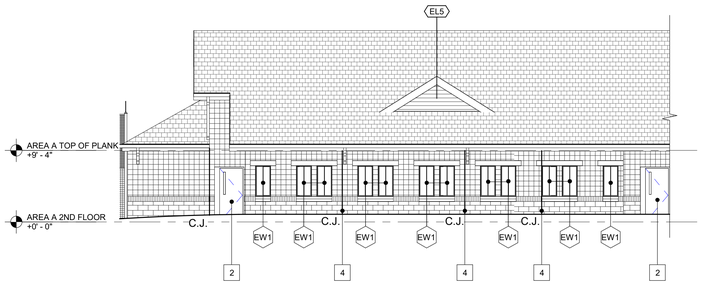
EXTERIOR ELEVATIONS - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-301
Drawn By: MSC	Checked By: APL

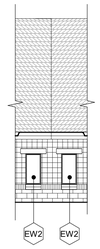
10/9/2026 12:31:16 AM



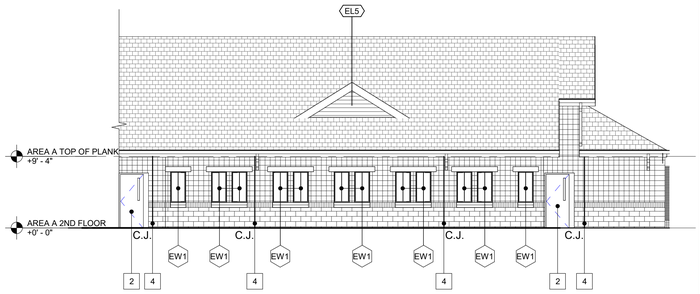
A PARTIAL NORTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



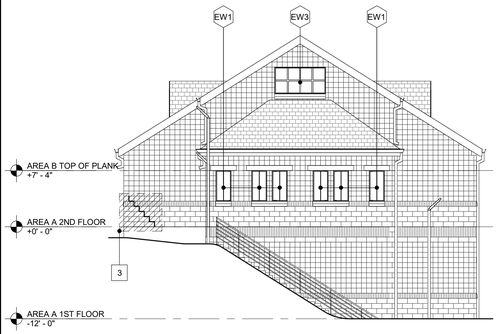
B PARTIAL WEST ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



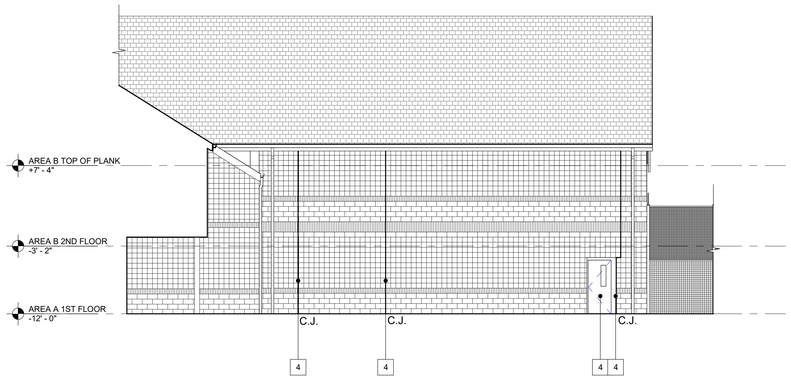
C PARTIAL NORTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



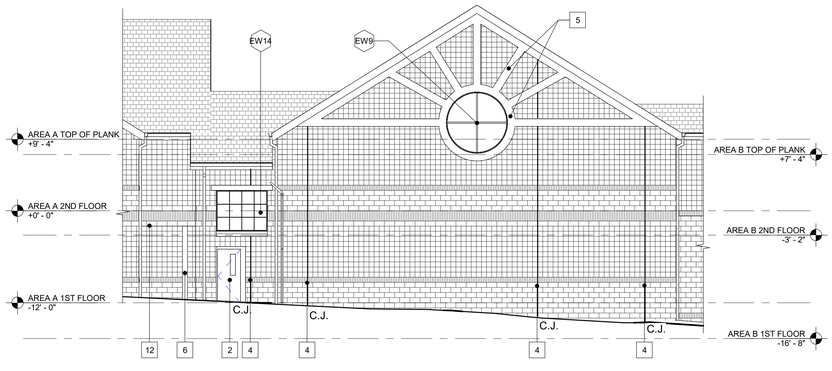
D PARTIAL NORTH ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



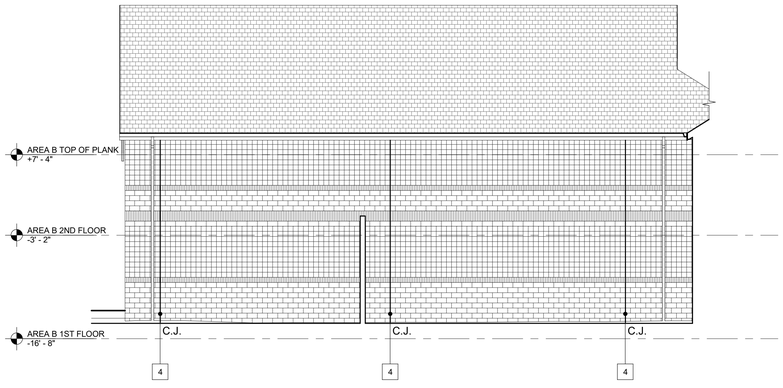
E PARTIAL WEST ELEVATION - AREA A
SCALE: 1/8" = 1'-0"



F PARTIAL NORTH ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



G PARTIAL WEST ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



H PARTIAL SOUTH ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



J PARTIAL NORTH ELEVATION - AREA B
SCALE: 1/8" = 1'-0"

LEGEND

C.J. CONTROL JOINT

KEYNOTE LEGEND

1	PAINT EXISTING COLUMN(S) IN THEIR ENTIRETY P-7.
2	PAINT AND RESEAL ALL EXISTING EXTERIOR DOOR(S) P-7.
3	CLEAN AND RESEAL EXISTING CRACK IN MASONRY.
4	REMOVE AND RESEAL EXISTING CONTROL JOINT.
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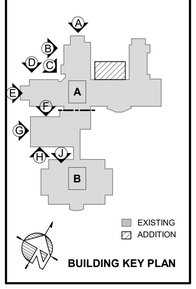

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

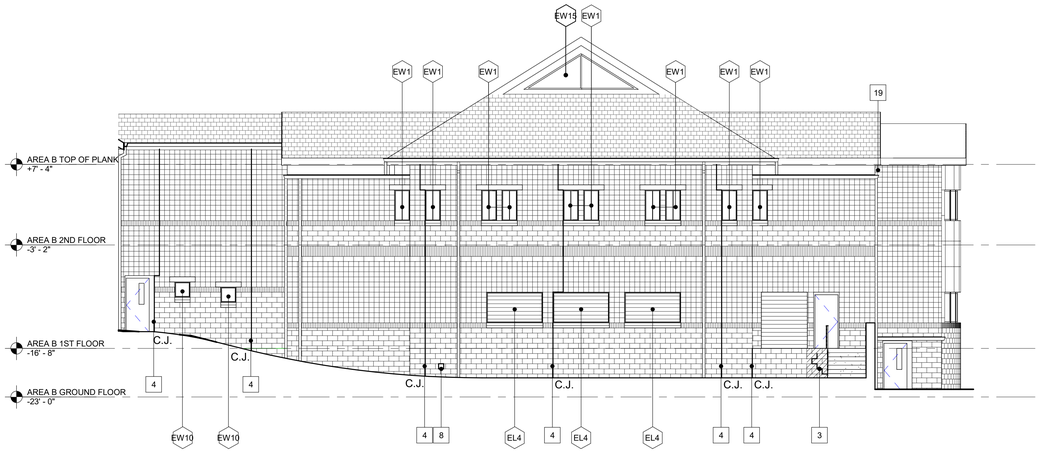
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

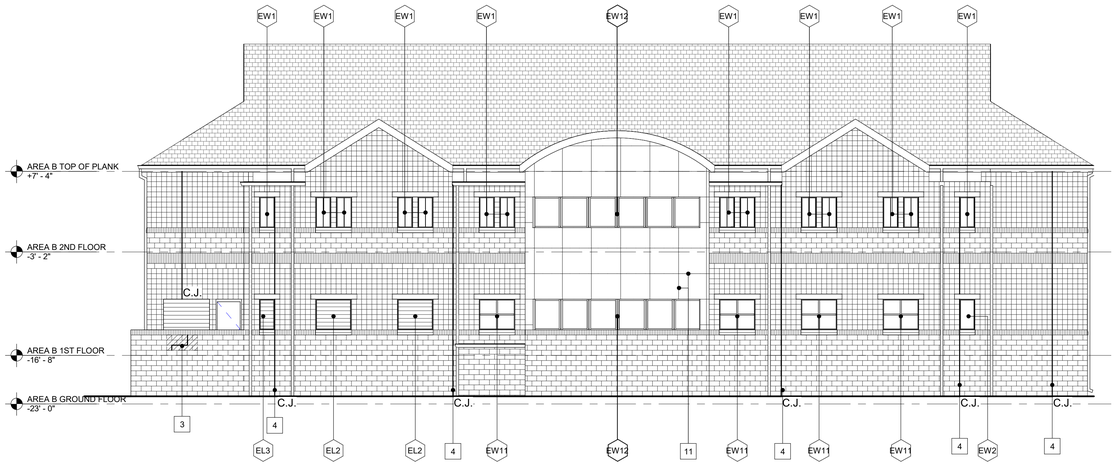
EXTERIOR ELEVATIONS - AREA A + B

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-302
Drawn By: MSC	Checked By: APL

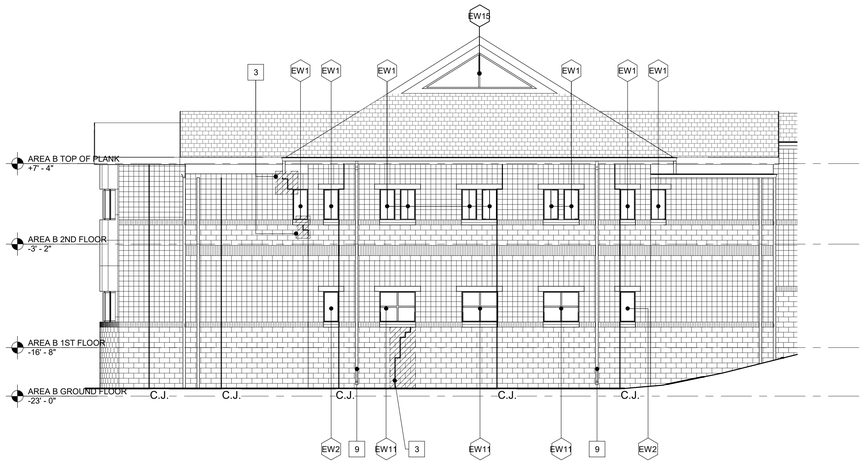
10/9/2026 12:31:20 AM



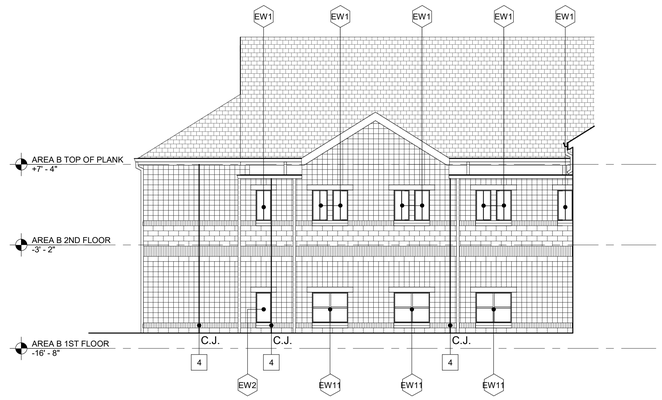
A PARTIAL WEST ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



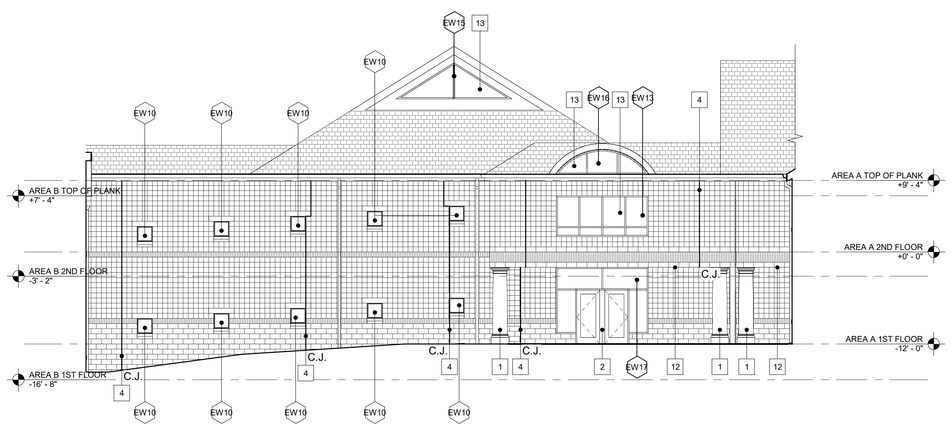
B PARTIAL SOUTH ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



C PARTIAL EAST ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



D PARTIAL NORTH ELEVATION - AREA B
SCALE: 1/8" = 1'-0"



E PARTIAL EAST ELEVATION - AREA B
SCALE: 1/8" = 1'-0"

LEGEND

C.J. CONTROL JOINT

KEYNOTE LEGEND

1. PAINT EXISTING COLUMN(S) IN THEIR ENTIRETY P-7.
2. PAINT AND RESEAL ALL EXISTING EXTERIOR DOOR(S) P-7.
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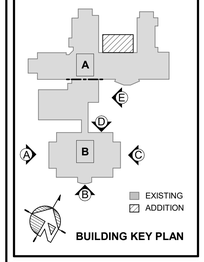

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

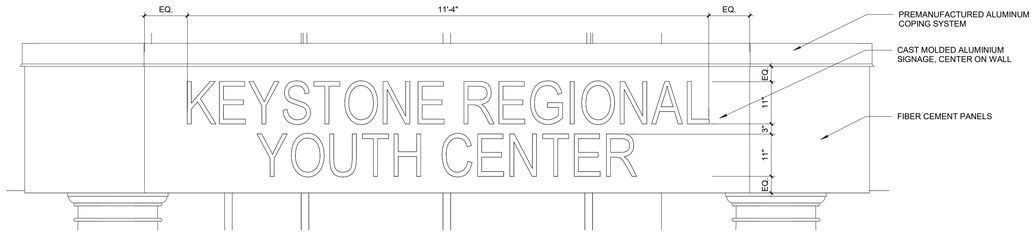
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

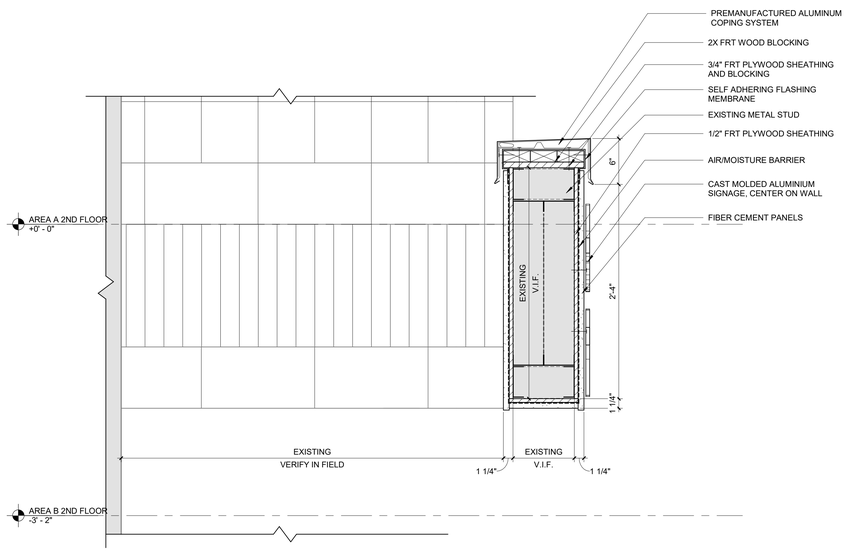
EXTERIOR ELEVATIONS - AREA B

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-303
Drawn By: MSC	Checked By: APL

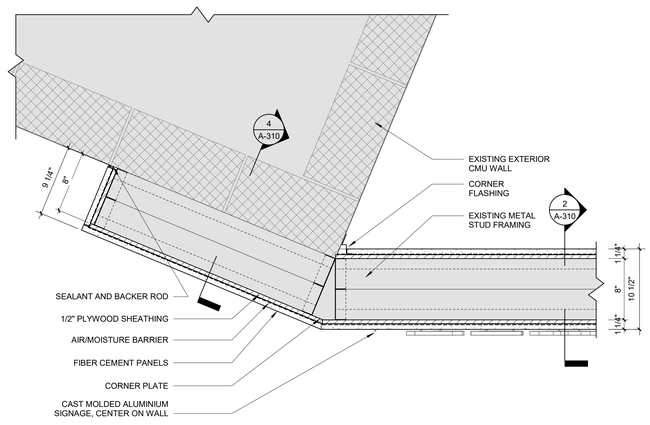
10/9/2026 12:31:23 AM



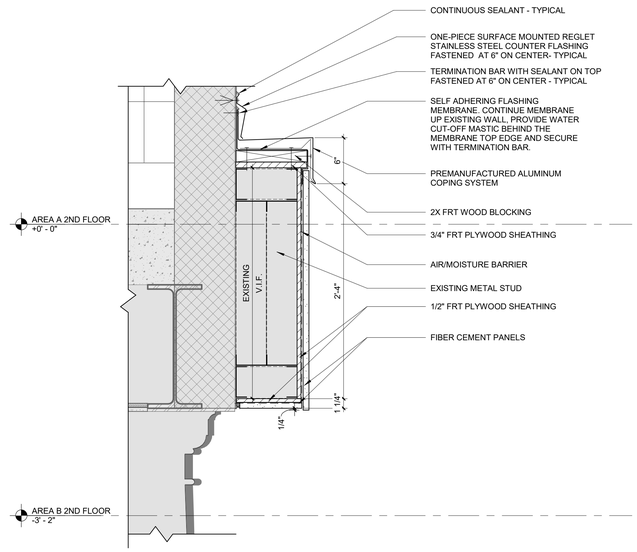
1 EXTERIOR BUILDING SIGNAGE ELEVATION
SCALE: 3/4" = 1'-0"



2 EXTERIOR SIGNAGE SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



3 SIGNAGE PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



4 EXTERIOR SIGNAGE SECTION DETAIL- WALL CONNECTION
SCALE: 1 1/2" = 1'-0"

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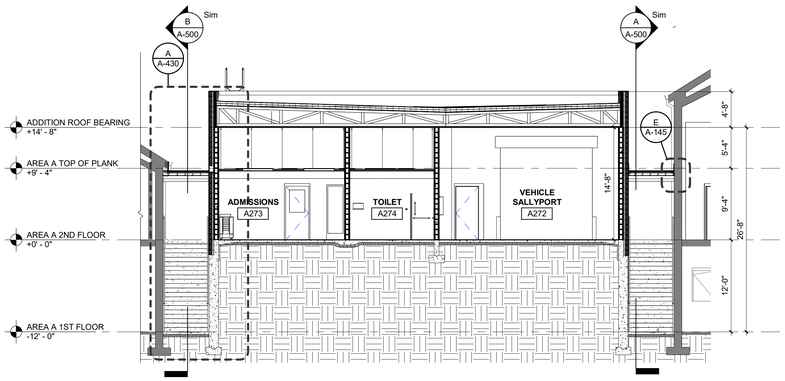
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

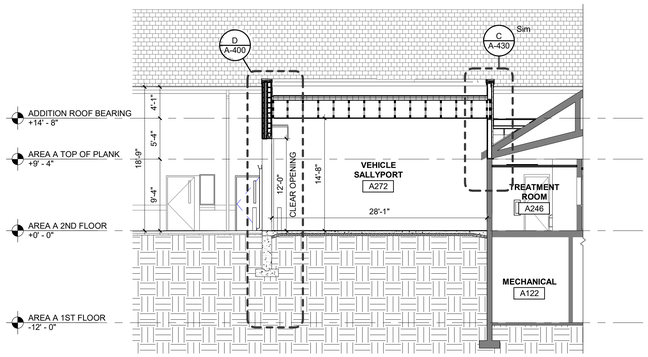
Drawing Title
EXTERIOR BUILDING SIGNAGE

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-310
Drawn By: JR	Checked By: APL

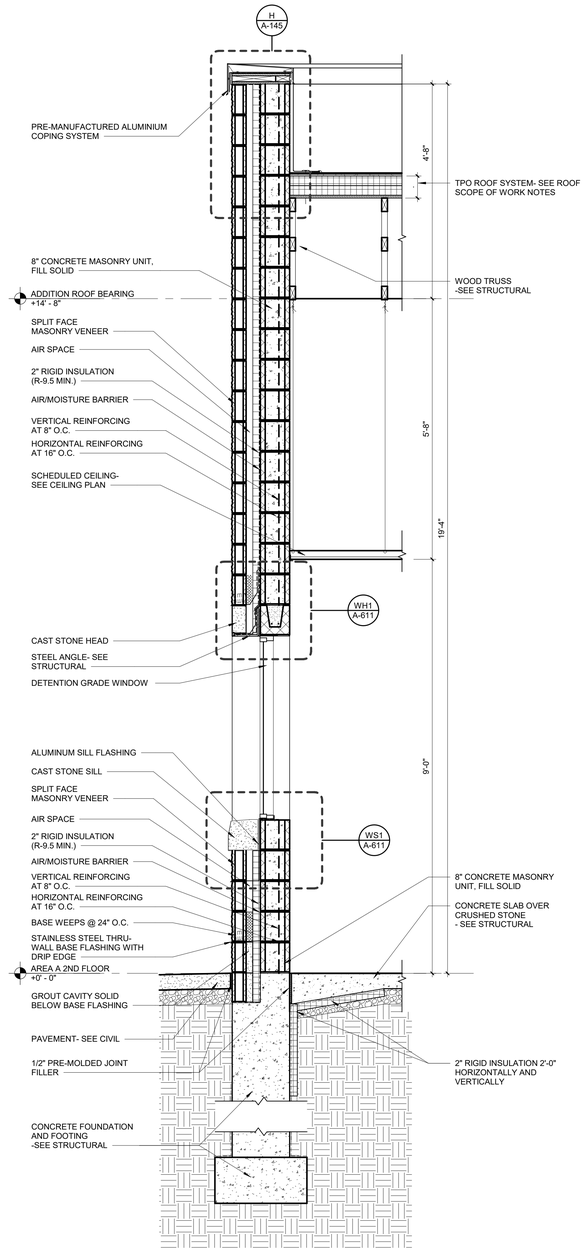
10/9/2026 12:31:24 AM



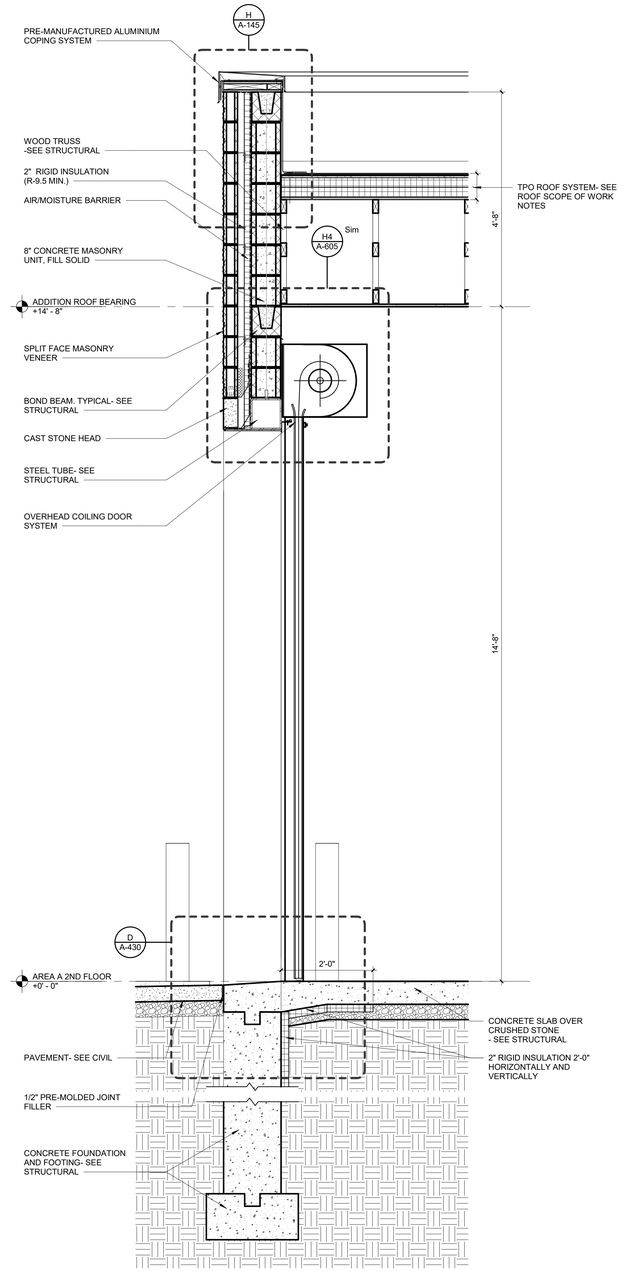
A BUILDING SECTION - PROPOSED ADDITION
SCALE: 1/8" = 1'-0"



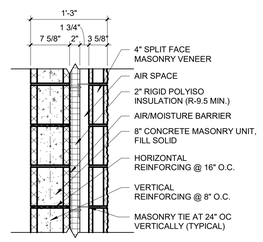
B BUILDING SECTION - PROPOSED ADDITION
SCALE: 1/8" = 1'-0"



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



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



1 EXTERIOR WALL TYPE EW-1
SCALE: 1" = 1'-0"

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

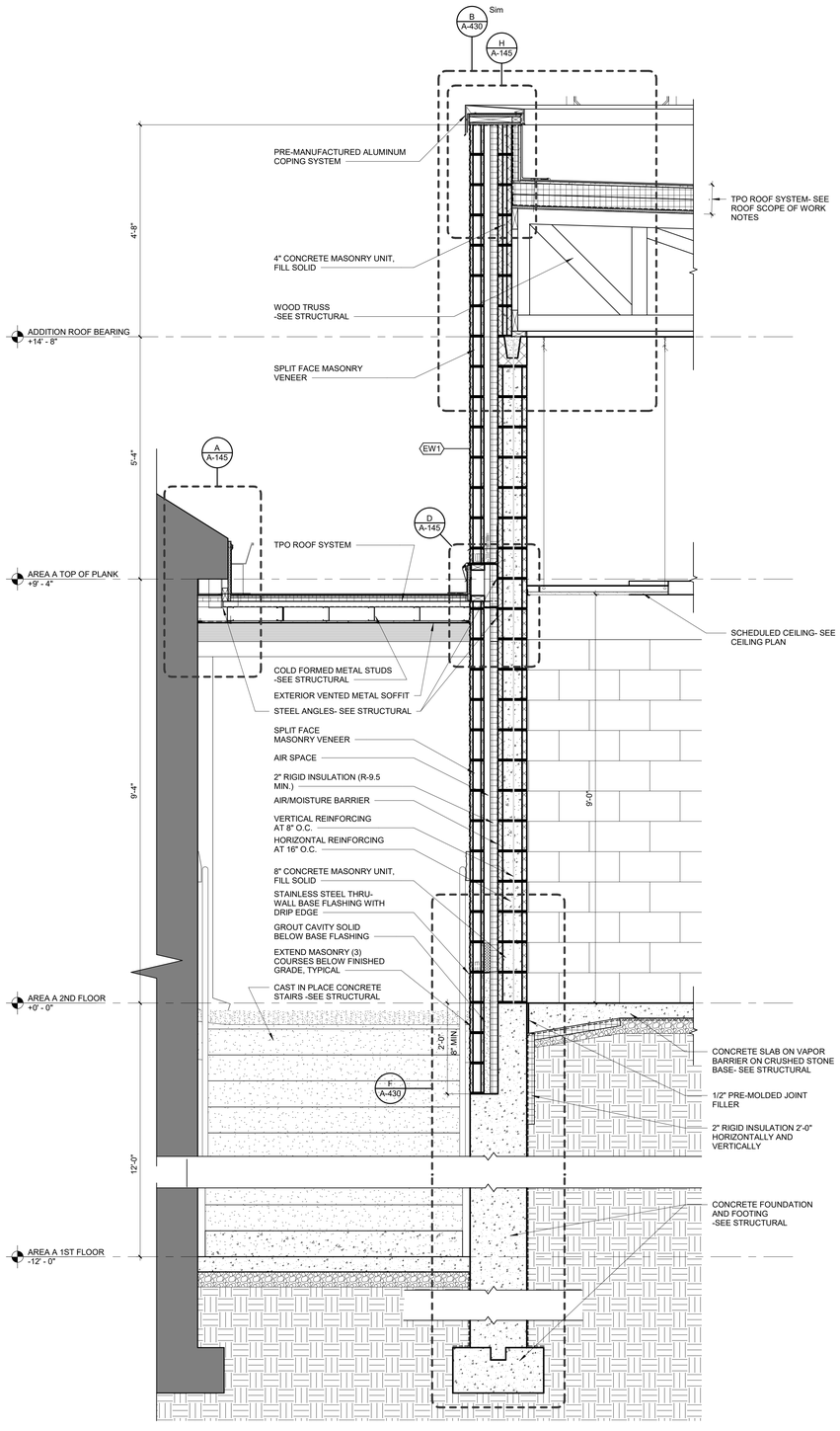
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

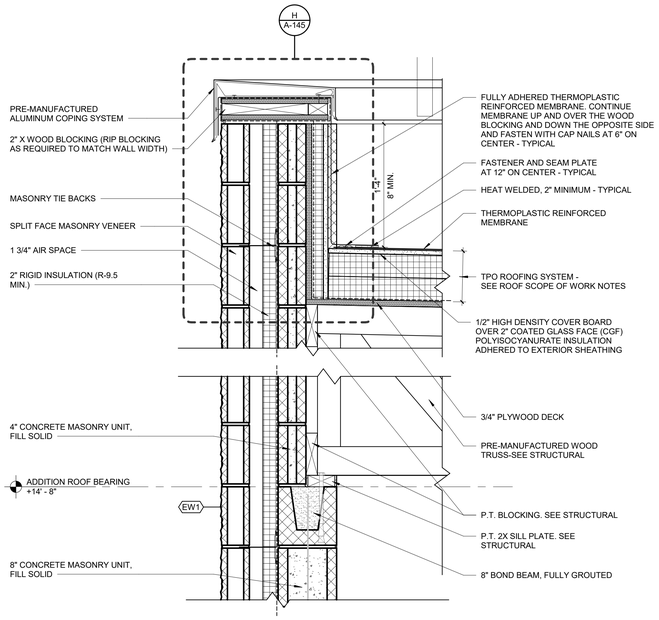
BUILDING SECTIONS AND EXTERIOR WALL TYPES

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-400
Drawn By: JR	Checked By: APL

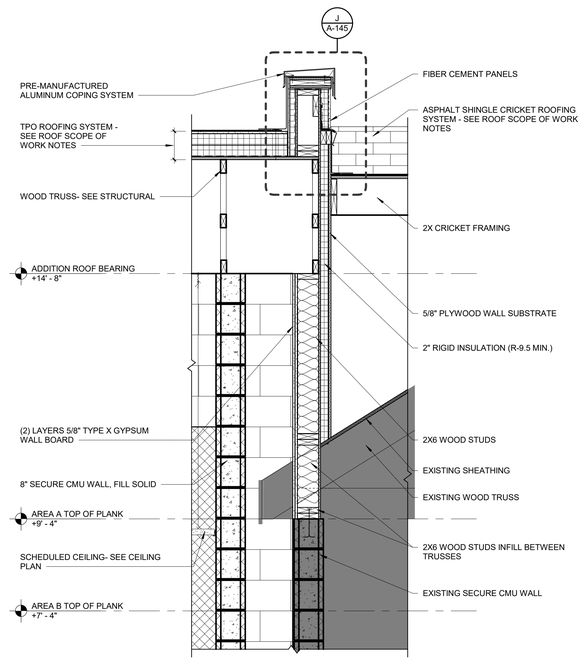
10/9/2026 12:31:26 AM



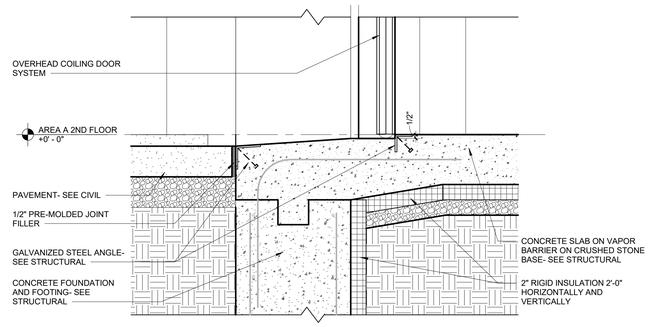
A WALL SECTION
SCALE: 3/4" = 1'-0"



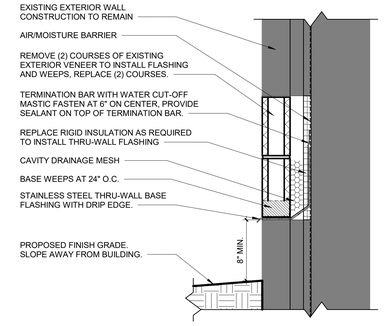
B TPO - COPING AND FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



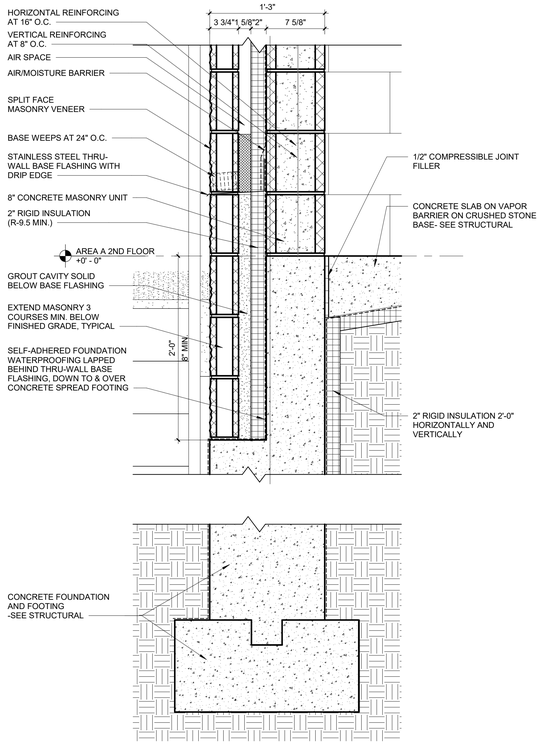
C EXTERIOR WALL/CRICKET CONNECTION FLASHING DETAIL
SCALE: 3/4" = 1'-0"



D OVERHEAD DOOR SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



E THRU-WALL FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



F EXTERIOR WALL/ FOUNDATION DETAIL
SCALE: 1 1/2" = 1'-0"

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RENOVATIONS AND ADDITION
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FOR
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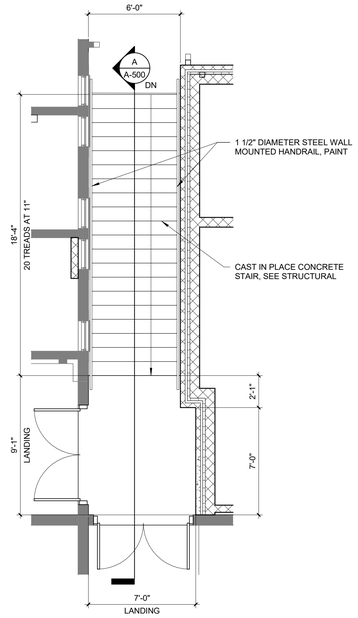
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

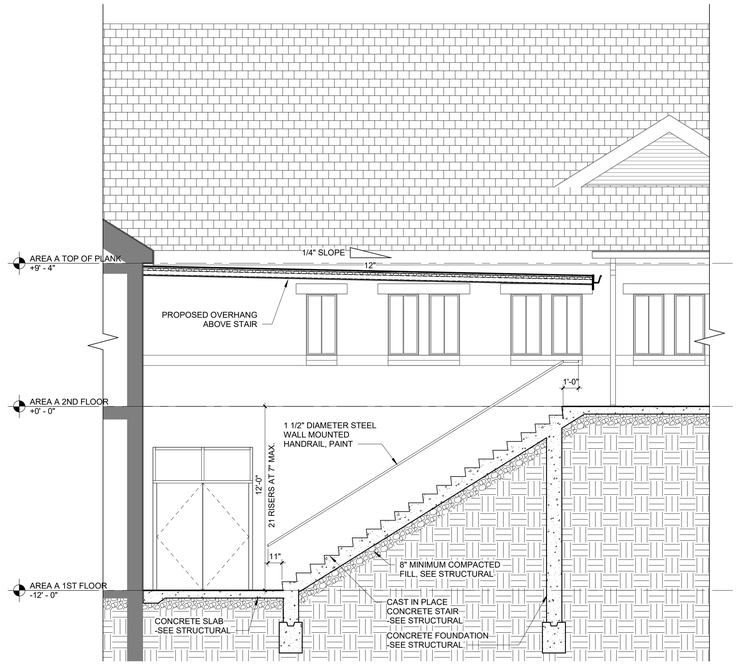
Drawing Title
WALL SECTIONS AND DETAILS

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-430
Drawn By: JR	Checked By: APL

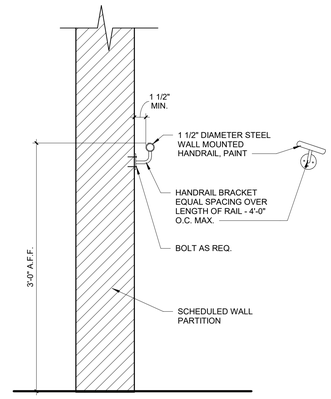
10/9/2026 12:31:28 AM



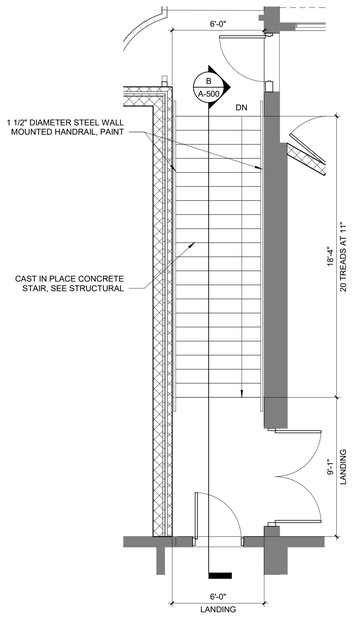
1 EXTERIOR STAIRS TO AREA A 1ST FLOOR WEST
SCALE: 1/4" = 1'-0"



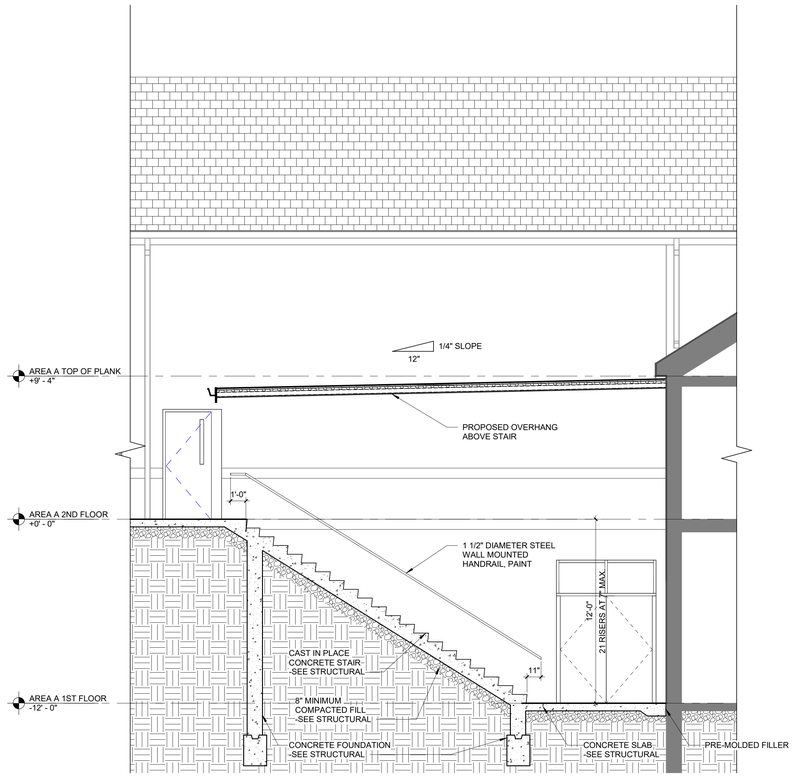
A STAIR SECTION
SCALE: 1/4" = 1'-0"



C WALL MOUNTED HANDRAIL DETAIL
SCALE: 1 1/2" = 1'-0"



2 EXTERIOR STAIRS TO AREA A 1ST FLOOR EAST
SCALE: 1/4" = 1'-0"



B STAIR SECTION
SCALE: 1/4" = 1'-0"

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
VERTICAL CIRCULATION - STAIR

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-500
Drawn By: MC	Checked By: APL

10/9/2026 12:31:30 AM

DOOR SCHEDULE FIRST FLOOR

DOOR NUMBER	ROOM NAME	DOOR				FRAME ELEVATION	BORROWED LITE GLAZING	DOOR			DOOR AND FRAME CONSTRUCTION TYPE	CONTROL/MONITOR						HARDWARE SET	ACCESS CONTROL	FIRE RATING	COMMENTS	BASIS OF DESIGN	DOOR NUMBER
		WIDTH	HEIGHT	ELEVATION	DOOR GLAZING			HEAD	JAMB	SILL		MONITOR	INDIVIDUAL CONTROL	INTERLOCK WITH DOOR	INTERLOCK OVERRIDE	FAIL SAFE	FAIL SECURE						
A102-S	S.P.	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR					●		2.0	CR	180 MIN.	FREE EGRESS, EXISTING DOOR TO REMAIN	TWG/HC	A102-S
A102A	SHELTER LOBBY	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC						9.0			EXISTING DOOR TO REMAIN	-	A102A
A102B-S	CORRIDOR	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		1.0		-	DELAYED EGRESS, EXISTING DOOR TO REMAIN	-	A102B-S
A103	INTERVIEW ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR		EXISTING DOOR TO REMAIN	TWG/HC	A103
A104	DIRECTOR OFFICE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A104
A105	EXAM ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A105
A106	CONFERENCE ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A106
A107	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							11.0		-	EXISTING DOOR TO REMAIN	HC	A107
A108	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							11.0		-	EXISTING DOOR TO REMAIN	HC	A108
A109	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							11.0		-	EXISTING DOOR TO REMAIN	HC	A109
A110	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							11.0		-	EXISTING DOOR TO REMAIN	HC	A110
A112	MALE TOILET	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	ETR							14.0		-	PROPOSED DOOR IN EXISTING FRAME	HC	A112
A113	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A113
A113A	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A113A
A114	ACTIVITY AREA	6'-0"	7'-0"	FF	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	17.0	CR	-	PROPOSED DOOR IN EXISTING FRAME. ADD STOP TO EXISTING FRAME.	TWG/HC	A114
A116	KITCHEN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A116
A116A	KITCHEN	3'-0"	7'-0"	F	-	1	-	H1	J1	-	S-1	CC	CC			●		13.0	CR	-		TWG/HC	A116A
A117	FEMALE TOILET	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1							14.0		-	PROPOSED DOOR IN EXISTING FRAME	HC	A117
A118	LAUNDRY/ JAN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A118
A119	ELEC	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●		CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A119
A120-S	MECHANICAL	6'-0"	7'-0"	FF	-	6	-	ETR	ETR	S3	S-1	CC	CC				●	5.0			PROPOSED DOOR IN EXISTING FRAME	TWG/HC	A120-S
A120A	MECHANICAL	3'-0"	4'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	16.0	CR	45 MIN.	EXISTING ACCESS DOOR TO REMAIN	TWG/HC	A120A
A121-S	MECHANICAL	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A121A-S			●	2.0	CR	45 MIN.	EXISTING DOOR TO REMAIN	TWG/HC	A121-S
A121A-S	MECHANICAL	6'-0"	7'-0"	FF	-	6	-	ETR	ETR	S3	S-1	CC	CC	A121-S	CC		●	5.0			PROPOSED DOOR IN EXISTING FRAME	TWG/HC	A121A-S
A122	MECHANICAL	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A122A-S			●	18.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A122
A122A-S	MECHANICAL	3'-0"	7'-0"	F	-	7	-	ETR	ETR	S3	S-1	CC	CC	A122	CC		●	6.0	CR		PROPOSED DOOR IN EXISTING FRAME	TWG/HC	A122A-S
A123-S	IDF	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	4.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A123-S
A124	WOMEN'S LOCKER ROOM	3'-0"	7'-0"	D	-	ETR	-	ETR	ETR	ETR	B-1							14.0		-	PROPOSED LOUVERED DOOR IN EXISTING FRAME	HC	A124
A125-S	MECHANICAL	6'-0"	7'-0"	FF	-	ETR	-	ETR	ETR	S3	S-1	CC	CC				●	5.0	CR		PROPOSED DOOR IN EXISTING FRAME	TWG/HC	A125-S
A125A	MECHANICAL	3'-0"	4'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	12.0	CR	45 MIN.	EXISTING ACCESS DOOR TO REMAIN	TWG/HC	A125A
A126	MEN'S LOCKER ROOM	3'-0"	7'-0"	D	-	ETR	-	ETR	ETR	ETR	B-1							14.0		-	PROPOSED LOUVERED DOOR IN EXISTING FRAME	HC	A126
A128	STAFF BREAK ROOM	6'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A130, A144, A144A	CC	●		19.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A128
A128A	STAFF BREAK ROOM	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							20.0		-	EXISTING DOOR TO REMAIN, REMOVE EXISTING LOCK, PROVIDE COVER PLATE	HC	A128A
A129	ELECTRICAL	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A129
A130	INDOOR RECREATION	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A128, A130A-S, A144, A144A	CC	●		11.0	CR		DELAYED EGRESS, EXISTING DOOR TO REMAIN	TWG/HC	A130
A130A-S	INDOOR RECREATION	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A130	CC	●		S02/8.0		-	PROVIDE PANIC BAR, DELAYED EGRESS, EXISTING DOOR TO REMAIN	FA/HC	A130A-S
A131	TIME CLOCK	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC	CC			●		13.0	CR	-		TWG/HC	A131
A132	LOBBY	6'-2"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	A132A-S, A134, A144, A144A	CC	●		7.0	CR	-	FREE EGRESS, EXISTING DOOR TO REMAIN, REPLACE EXISTING MULLION BETWEEN DOORS IN KIND	TWG/HC	A132
A132A-S	LOBBY	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A132, A134, A144, A144A		●		3.0		-	DELAYED EGRESS, EXISTING DOOR TO REMAIN	HC	A132A-S
A134	VISITOR LOBBY	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A132, A132A-S, A134A-S, A134B, A144, A144A	CC	●		21.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A134
A134A-S	STAIR 3	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A134, A134B	CC	●		S03/3.0		45 MIN.	EXISTING DOOR TO REMAIN	FA/HC	A134A-S
A134B	VISITOR LOBBY	6'-2"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	A134, A134A-S	CC	●		7.0		-	FREE EGRESS, EXISTING DOOR TO REMAIN, REPLACE EXISTING MULLION BETWEEN DOORS IN KIND	HC	A134B
A136	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							15.0		-	EXISTING DOOR TO REMAIN	HC	A136
A137	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							15.0		-	EXISTING DOOR TO REMAIN	HC	A137
A138	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							15.0		-	EXISTING DOOR TO REMAIN	HC	A138
A139	DORM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR							15.0		-	EXISTING DOOR TO REMAIN, REMOVE SURFACE MOUNTED LOCK	HC	A139
A140	CASEWORKER OFFICE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A140
A140A	CLOSET	2'-4"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		10.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	A140A
A142	TOILET	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		13.0	CR	-	PROPOSED DOOR IN EXISTING FRAME	TWG/HC	A142
A143	STORAGE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	12.0	CR	45 MIN.	EXISTING DOOR TO REMAIN	TWG/HC	A143
A144	CORRIDOR	6'-0"	7'-0"	FF	-	1	-	H1	J1		S-1	CC	CC	A128, A130, A132, A132A-S, A134, A144A	CC	●		19.0		-		HC	A144
A144A	CORRIDOR	3'-0"	7'-0"	F	-	1	-	H2	J2		S-1	CC	CC	A128, A130, A132, A144	CC	●		13.0	CR	-		TWG/HC	A144A
B100-S	VESTIBULE	3'-0"	7'-0"	A	G-7-L3	ETR	ETR	ETR	ETR	S3	S-1	CC	CC	B101-S, B101A-S	CC	●		S03/7.0		-	FREE EGRESS, PROPOSED DOOR IN EXISTING FRAME	FA/HC	B100-S
B100A-S	VESTIBULE	3'-0"	7'-0"	A	G-7-L3	ETR	ETR	ETR	ETR	S3	S-1	CC	CC	B101-S, B101A-S	CC	●		S03/7.0		-	FREE EGRESS, PROPOSED DOOR IN EXISTING FRAME	FA/HC	B100A-S
B101-S	LOBBY	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B100-S, B100A-S	CC	●		1.0		-	DELAYED EGRESS, EXISTING DOOR TO REMAIN	-	B101-S
B101A-S	LOBBY	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B100-S, B100A-S	CC	●		4.0		-	DELAYED EGRESS, REPLACE CLOSER, EXISTING DOOR TO REMAIN	HC	B101A-S
B101B	STOR.	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B101B
B102-S	S.P.	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	B102A-S	CC		●	ETR		-	EXISTING DOOR TO REMAIN	-	B102-S
B102A-S	S.P.	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	B102-S, B103-S, B104-S, B108-S	CC		●	S03/25.0		-	EXISTING DOOR TO REMAIN	FA/HC	B102A-S
B103-S	CORRIDOR	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B102A-S, B104-S, B108-S	CC		●	ETR	CR	-	EXISTING DOOR TO REMAIN	-	B103-S
B104-S	MULTI-PURPOSE ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B102A-S, B103-S, B104A-S, B104B-S, B108-S	CC		●	ETR	CR	-	EXISTING DOOR TO REMAIN	-	B104-S
B104A-S	MULTI-PURPOSE ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	BST-2, ST2-2	CC		●	ETR	CR	90 MIN.	EXISTING DOOR TO REMAIN	-	B104A-S
B104B-S	MULTI-PURPOSE ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B104-S	CC		●	ETR		45 MIN.	EXISTING DOOR TO REMAIN	-	B104B-S
B105	STOR.	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B105
B105A	STOR.	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B105A
B105B	STOR.	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B105B
B106	STOR.	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B106
B108-S	OPEN OFFICE AREA	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	B102A-S, B103-S, B104-S, B110B-S	CC	●		S03/25.0	CR	20 MIN.	EXISTING DOOR TO REMAIN	FA/HC	B108-S
B109A	JAN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B109A
B110-S	STAIR 1	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B110A-S, BST-1-S	CC		●	ETR		90 MIN.	EXISTING DOOR TO REMAIN	-	B110-S
B110A-S	S.P.	3'-0"	7'-0"	F	-	3	-	H1	J1	-	S-1	CC	CC	B110-S, B110B-S	CC		●	S03	CR	-		FA	B110A-S
B110B-S	S.P.	3'-0"	7'-0"	F	-	3	-	H1	J1	-	S-1	CC	CC	B108-S, B110A-S	CC		●	S03	CR	-		FA	B110B-S
B111	STAFF MEN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B111
B112	STAFF WOMEN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B112
B113	BUILDING MAINTENANCE/ STORAGE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		11.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B113
B114-S	ACCOUNT CLERK	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		25.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B114-S
B114A	FISCAL MANAGER OFFICE	3'-0"	7'-0"	F	-	1	-	H1	J1	-	B-1	CC	CC			●		13.0	CR	-		TWG/HC	B114A
B115-S	STORAGE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B115B, B115C-S	CC		●	ETR		45 MIN.	EXISTING DOOR TO REMAIN	-	B115-S
B115A	IDF	3'-0"	7'-0"	F	-	2	-	H5	J5		B-1	CC	CC				●	13.0	CR	-		TWG/HC	B115A
B115B	STORAGE	6'-0"	7'-4"	ETR	-	-		ETR	ETR	ETR	ETR	CC	CC	B115-S, B115C-S	CC		●	ETR		-	EXISTING OVERHEAD DOOR TO REMAIN	-	B115B
B115C-S	STORAGE	3'-0"	7'-0"	ETR		ETR		ETR	ETR	ETR	ETR	CC	CC	B115-S, B115B	CC		●	ETR		-	EXISTING DOOR TO REMAIN	-	B115C-S
B116	LAUNDRY ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		24.0	CR	45 MIN.	EXISTING DOOR TO REMAIN	TWG/HC	B116
B117-S	MECHANICAL	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B117A-S , B117B	CC		●	ETR		45 MIN.	EXISTING DOOR TO REMAIN	-	B117-S
B117A-S	MECHANICAL	3'-0"	7'-0"	ETR		ETR		ETR	ETR	ETR	ETR	CC	CC	B117-S, B117B	CC		●	ETR		-	EXISTING DOOR TO REMAIN	-	B117A-S
B117B	MECHANICAL	6'-0"	7'-4"	ETR	-	-		ETR	ETR	ETR	ETR	CC	CC	B117-S, B117A-S	CC		●	ETR		-	EXISTING OVERHEAD DOOR TO REMAIN	-	B117B
B118	RESIDENTS WOMEN	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1							14.0		-	PROPOSED DOOR IN EXISTING FRAME	HC	B118
B119	RESIDENTS MEN	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1							14.0		-	PROPOSED DOOR IN EXISTING FRAME	HC	B119
B120	I.U. OFFICE	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B120
B121	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B121
B122	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B122
B122A	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN, REMOVE SURFACE MOUNTED SLIDING LOCK	TWG/HC	B122A
B123	TRAINING OFFICE	3'-0"	7'-0"	F	-	1	-	H1	J1	-	B-1	CC	CC			●		13.0	CR	-		TWG/HC	B123
B124	TRAINING ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●			CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B124
B125	DEPUTY DIRECTOR'S OFFICE	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B125
B126	ADMIN ASSISTANT	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B126
B126A	DIRECTOR'S OFFICE	3'-0"	7'-0"	F	-	1	-	H1	J1	-	B-1	CC	CC			●		13.0	CR	-		TWG/HC	B126A
B126B	CONFERENCE	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC					23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B126B
B127	ELEC EQUIPMENT ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	EXISTING DOOR TO REMAIN	TWG/HC	B127
BST-1-S	STAIR 1	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	B110-S, BST-1A-S	CC		●	ETR		-	EXISTING DOOR TO REMAIN	-	BST-1-S
BST-1A-S	S.P.	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	BST-1-S	CC		●	ETR		-	EXISTING DOOR TO REMAIN	-	BST-1A-S
BST-2-S	STAIR 2	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	B104A-S, ST2-2-S	CC		●	ETR		45 MIN.	EXISTING DOOR TO REMAIN	-	BST-2-S

DOOR AND FRAME CONSTRUCTION TYPE

BUILDERS	B-1	14 GAUGE FRAME / 16 GAUGE DOOR
SECURITY	S-1	10 GAUGE FRAME / 12 GAUGE DOOR

DOOR SCHEDULE ABBREVIATIONS

MONITOR AND CONTROL:

CC CENTRAL CONTROL
LC LOCAL CONTROL
IC INTAKE CONTROL

CR CARD READER

BASIS OF DESIGN:

TWG TWG SECURITY
HC HC QUALITY DOORS
FA FOLGER ADAM

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

OPENINGS - SCHEDULES

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-600
Drawn By: MW	Checked By: APL

10/9/2026 12:31:32 AM

DOOR SCHEDULE SECOND FLOOR AREA A

DOOR NUMBER	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	DOOR ELEVATION	DOOR GLAZING	FRAME ELEVATION	BORROWED LITE GLAZING	DOOR HEAD	DOOR JAMB	DOOR SILL	DOOR AND FRAME CONSTRUCTION TYPE	CONTROL/MONITOR MONITOR	CONTROL/MONITOR INDIVIDUAL CONTROL	CONTROL/MONITOR INTERLOCK WITH DOOR	CONTROL/MONITOR INTERLOCK OVERRIDE	CONTROL/MONITOR FAIL SAFE	CONTROL/MONITOR FAIL SECURE	HARDWARE SET	ACCESS CONTROL	FIRE RATING	BASIS OF DESIGN	COMMENTS	DOOR NUMBER
A201-S	TOILET	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02/25.0	CR	-	FA/TWG/HC	EXISTING DOOR TO REMAIN	A201-S
A201A-S	STORAGE	3'-0"	7'-0"	F	-	2	-	H2	J2		S-1	CC	CC				●	S02/25.0	CR	-	FA/TWG/HC		A201A-S
A201B-S	STORAGE	3'-0"	7'-0"	F	-	2	-	H2	J2		S-1	CC	CC				●	S02/25.0	CR	-	FA/TWG/HC		A201B-S
A202-S	TOILET	3'-0"	7'-0"	F	-	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S02	CR	-	FA/TWG		A202-S
A203-S	LAUNDRY	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S02	CR	-	FA/TWG		A203-S
A204-S	VIDEO COURT	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA/TWG		A204-S
A205-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A205-S
A206-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S05		-	FA	PROVIDE FOOD PASS ON EXISTING DOOR. EXISTING DOOR TO REMAIN	A206-S
A207-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S05		-	FA	PROVIDE FOOD PASS ON EXISTING DOOR. EXISTING DOOR TO REMAIN	A207-S
A208-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A208-S
A209-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A209-S
A210-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A210-S
A211-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-					CC/LC	LC		CC		●	S05		-	FA	PROVIDE FOOD PASS ON EXISTING DOOR. EXISTING DOOR TO REMAIN	A211-S
A212-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-					CC/LC	LC		CC		●	S05		-	FA	PROVIDE FOOD PASS ON EXISTING DOOR. EXISTING DOOR TO REMAIN	A212-S
A213-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A213-S
A214-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A214-S
A215-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A215-S
A216-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01		-	FA		A216-S
A217-S	DAYROOM	3'-6"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC	A217A, A217B, A236, A238, A270	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A217-S
A217A-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A217, A217B	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A217A-S
A217B-S	COAT & SHOES	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A217, A217A	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A217B-S
A219-S	DETENTION SUPERVISORS	3'-0"	7'-0"	G	G-7-Gr1	ETR	-	ETR	ETR	ETR	S-1	CC/LC	LC		CC		●	S02		-	FA	PROPOSED DOOR IN EXISTING FRAME	A219-S
A221-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01		-	FA		A221-S
A222-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A222-S
A223-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A223-S
A224-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A224-S
A225-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A225-S
A226-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A226-S
A227-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A227-S
A228-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A228-S
A229-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A229-S
A230-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A230-S
A231-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A231-S
A232-S	BEDROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A232-S
A233-S	VIDEO COURT	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA/TWG		A233-S
A234-S	LAUNDRY	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S02	CR	-	FA/TWG		A234-S
A235-S	TOILET	3'-0"	7'-0"	F	-	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S02	CR	-	FA/TWG		A235-S
A236-S	DAYROOM	3'-6"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC	A217, A236A, A236B, A238, A270	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A236-S
A236A-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A236, A236B	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A236A-S
A236B-S	COATS & SHOES	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A236, A236A	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A236B-S
A237-S	TOILET	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02	CR	-	FA/TWG	EXISTING DOOR TO REMAIN	A237-S
A237A-S	IDF	3'-0"	7'-0"	F	-	2	-	H2	J2		S-1	CC	CC				●	S02		-	FA/TWG		A237A-S
A238-S	ACTIVITY ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A217, A236, A270	CC		●	S03		180 MIN.	FA	EXISTING DOOR TO REMAIN	A238-S
A239	STAFF TOILET	2'-6"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1	CC	CC				●	13.0	CR	-	TWG/HC	PROPOSED DOOR IN EXISTING FRAME	A239
A240	TOILET	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1	CC	CC				●	13.0	CR	-	TWG/HC	PROPOSED DOOR IN EXISTING FRAME	A240
A241	JAN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A241
A242	MULTI-PURPOSE ROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A242
A243-S	SALLYPORT	3'-0"	7'-0"	G	G-7-Gr1	4	-	H2	J2A		S-1	CC	CC	A273	CC		●	S03		20 MIN.	FA		A243-S
A244-S	MEDICAL ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A244B	CC		●	25.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A244-S
A244A-S	SHOWER	2'-8"	7'-0"	ETR	-	ETR		ETR	ETR	ETR	ETR							22.0		-	HC	REMOVE EXISTING LOCK, PROVIDE STEEL PLATE. EXISTING DOOR TO REMAIN	A244A-S
A244B-S	MEDICAL ROOM	3'-0"	7'-0"	G	G-7-Gr1	2	-	H2	J2		S-1	CC	CC	A244, A272, A273	CC		●	S02		-	FA		A244B-S
A245-S	TOILET	3'-0"	7'-0"	F	-	ETR	-	ETR	ETR	ETR	S-1	CC	CC				●	25.0	CR	-	TWG/HC	PROPOSED DOOR IN EXISTING FRAME	A245-S
A246-S	TREATMENT ROOM	3'-0"	7'-0"	G	G-7-Gr1	1	-	H1	J1		S-1	CC	CC				●	S01	CR	-	FA/TWG		A246-S
A247-S	CENTRAL CONTROL	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	25.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A247-S
A248-S	STORAGE	3'-0"	7'-0"	ETR	-	ETR	-				ETR	CC	CC				●	25.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A248-S
A249-S	STAFF TOILET	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC			●		25.0	CR	-	TWG/HC	PROVIDE PRIVACY WINDOW FILM ON EXISTING GLAZING, EXISTING DOOR TO REMAIN	A249-S
A250	STORAGE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A250
A251	DINING / INDOOR RECREATION	6'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A251
A251A-S	DRY STORAGE	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC	CC				●	S02	CR	-	FA/TWG		A251A-S
A251B-S	DRY STORAGE	3'-6"	7'-0"	F	-	1	-	H1	J1		S-1	CC	CC				●	S02	CR	-	FA/TWG		A251B-S
A251C-S	DINING / INDOOR RECREATION	3'-0"	7'-0"	V	G-7-L3	2	-	H2	J2A	S3	S-1	CC	CC	A253A, A272A, A272B, G1, G2	CC		●	S03		-	FA		A251C-S
A253	STORAGE	3'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A253
A253A-S	STORAGE	3'-6"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	A251C, A272A, A272B, G1, G2	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A253A-S
A254-S	KITCHEN	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	S02	CR	45 MIN.	FA/TWG	EXISTING DOOR TO REMAIN	A254-S
A254A	KITCHEN	6'-0"	4'-2"	ETR	-	ETR	-	ETR	ETR	ETR	ETR										HC	PROVIDE LOCK ON KITCHEN SIDE. EXISTING COUNTER COILING DOOR TO REMAIN	A254A
A255-S	DENTAL	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	S02/25.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A255-S
A256	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A256
A256A	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A256A
A257	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A257
A257A	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A257A
A257B	CLASSROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A257B
A258	I.U. OFFICE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A258
A259	INDIVIDUAL EDUCATION/ COUNSELING	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A259
A259A	INDIVIDUAL EDUCATION/ COUNSELING	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A259A
A260	INDIVIDUAL EDUCATION/ COUNSELING	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A260
A261-S	UPPER LOBBY	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A134A, A262A	CC		●	ETR	CR	20 MIN.	-	EXISTING DOOR TO REMAIN	A261-S
A262-S	VISITATION	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A262A	CC		●	ETR	CR	20 MIN.	-	EXISTING DOOR TO REMAIN	A262-S
A262A-S	UPPER LOBBY	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A134A, A261, A262	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A262A-S
A263	SEARCH	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A263
A264	TOILET	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	A264
A265	MEN'S TOILET	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A265
A266	WOMEN'S TOILET	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A266
A268	MEDICAL OFFICE	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	24.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	A268
A268A-S	MEDICAL OFFICE	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC	CC				●	25.0	CR	-	TWG/HC		A268A-S
A268B	MEDICAL OFFICE	7'-10"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							ETR		-	-	EXISTING DOOR TO REMAIN	A268B
A269-S	MULTI- PURPOSE ROOM	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A269A	CC		●	ETR	CR	20 MIN.	-	EXISTING DOOR TO REMAIN	A269-S
A269A-S	MULTI- PURPOSE ROOM	2'-6"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A269, A270	CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	A269A-S
A270-S	CORRIDOR	3'-6"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC	A217, A236, A238, A269A	CC		●	ETR		20 MIN.	-	EXISTING DOOR TO REMAIN	A270-S
A271	FREEZER	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							ETR		-	-	EXISTING WALK-IN BOX DOOR TO REMAIN	A271
A271A	FREEZER	3'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							ETR		-	-	EXISTING WALK-IN BOX DOOR TO REMAIN	A271A
A272-S	ADMISSIONS	3'-0"	7'-0"	G	G-7-Gr1	3	-	H1	J1A		S-1	CC	CC	A244B, A272A, A272B, A273	CC		●	S03		45 MIN.	FA		A272-S
A272A-S	VEHICLE SALLYPORT	3'-0"	7'-0"	F	-	3	-	H3	J3A		S-1	CC	CC	A251C, A253A, A272, A272B, G1, G2	CC		●	S03		-	FA		A272A-S
A272B-S	VEHICLE SALLYPORT	12'-0"	12'-0"	OH	-	-	-	H4	J4		S-1	CC	CC	A251C, A253A, A272, A272A, G1, G2	CC		●	BY MFR.		-	-	OVERHEAD COILING DOOR	A272B-S
A272C-S	CHASE	2'-0"	6'-0"	F	-	1	-	H1	J1		S-1	CC						S04		45 MIN.	FA		A272C-S
A273-S	SALLYPORT	3'-0"	7'-0"	G	G-7-Gr1	4	-	H2	J2A		S-1	CC	CC	A243, A244B, A272	CC		●	S03		-	FA		A273-S
A274-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1							S02		-	FA/TWG		A274-S
A275-S	PROPERTY STORAGE	3'-0"	7'-0"	G	G-7-Gr1	1	-	H1	J1		S-1	CC	CC				●	S02	CR	-	FA		A275-S
A276-S	HOLDING	3'-0"	7'-0"	G	G-7-Gr1	5	G-7-Gr1	H1	J1		S-1	CC	CC				●	S01	CR	-	FA		A276-S
A277-S	HOLDING	3'-0"	7'-0"	G	G-7-Gr1	5	G-7-Gr1	H1	J1		S-1	CC	CC				●	S01	CR	-	FA		A277-S
ST2-2-S	STAIR 2	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC	CC	A238, B104A, B203A, BST-2			●	ETR		90 MIN.	-	EXISTING DOOR TO REMAIN	ST2-2-S

DOOR AND FRAME CONSTRUCTION TYPE

BUILDERS	B-1	14 GAUGE FRAME / 16 GAUGE DOOR
SECURITY	S-1	10 GAUGE FRAME / 12 GAUGE DOOR

DOOR SCHEDULE ABBREVIATIONS

MONITOR AND CONTROL:

CC CENTRAL CONTROL
LC LOCAL CONTROL
IC INTAKE CONTROL

CR CARD READER

BASIS OF DESIGN:

TWG TWG SECURITY
HC HC QUALITY DOORS
FA FOLGER ADAM

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

OPENINGS - SCHEDULES

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-601
Drawn By: MW	Checked By: APL

10/9/2026 12:31:34 AM

DOOR SCHEDULE SECOND FLOOR AREA B

DOOR NUMBER	ROOM NAME	DOOR WIDTH	DOOR HEIGHT	DOOR ELEVATION	DOOR GLAZING	FRAME ELEVATION	BORROWED LITE GLAZING	DOOR HEAD	DOOR JAMB	DOOR SILL	DOOR AND FRAME CONSTRUCTION TYPE	CONTROL/MONITOR: MONITOR	CONTROL: INDIVIDUAL CONTROL	CONTROL: INTERLOCK WITH DOOR	CONTROL: INTERLOCK OVERRIDE	CONTROL: FAIL SAFE	CONTROL: FAIL SECURE	HARDWARE SET	ACCESS CONTROL	FIRE RATING	BASIS OF DESIGN	COMMENTS	DOOR NUMBER
B200-S	MENTAL HEALTH EVALUATION	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC	CC				●	25.0	CR	20 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	B200-S
B201	STORAGE	6'-0"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							ETR		-	-	EXISTING DOOR TO REMAIN	B201
B202	ELEVATOR MACHINE ROOM	3'-0"	7'-0"	ETR	-	ETR		ETR	ETR	ETR	ETR	CC	CC				●	24.0		45 MIN.	TWG/HC	EXISTING DOOR TO REMAIN	B202
B203A-S	STAIR 1	3'-0"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC	CC	A238, B205, B215, B226, B236, ST2-2	CC		●	ETR		90 MIN.	-	EXISTING DOOR TO REMAIN	B203A-S
B204-S	STAFF STATION	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02		-	FA	EXISTING DOOR TO REMAIN	B204-S
B204A-S	STAFF STATION	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02		-	FA	EXISTING DOOR TO REMAIN	B204A-S
B205-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC	A238, B203A, B236, B226	CC		●	S03		20 MIN.	FA	PROVIDE CLOSER, EXISTING DOOR TO REMAIN	B205-S
B205A	DAYROOM	13'-6"	7'-4"	ETR				ETR	ETR	ETR	ETR							ETR		-	-	EXISTING OVERHEAD DOOR TO REMAIN	B205A
B206-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B206-S
B207-S	BEDROOM	2'-8"	7'-0"	V	G-7-Gr1	ETR	-	ETR	ETR	ETR	S-1	CC/LC	LC		CC		●	S01		-	FA	PROPOSED DOOR IN EXISTING FRAME	B207-S
B208-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B208-S
B209-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B209-S
B210-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B210-S
B211-S	VIDEO COURT/ INTERVIEW	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA		B211-S
B212-S	LAUNDRY	5'-0"	7'-0"	FF	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	25.0	CR	-	TWG/HC		B212-S
B213-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B213-S
B214-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B214-S
B215-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A238, B203A, B205	CC		●	S03		20 MIN.	FA	PROVIDE CLOSER, EXISTING DOOR TO REMAIN	B215-S
B216-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B216-S
B217-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B217-S
B218-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01		-	FA		B218-S
B219-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B219-S
B220-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR		ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B220-S
B221-S	VIDEO COURT/ INTERVIEW	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA		B221-S
B222-S	LAUNDRY	5'-0"	7'-0"	FF	-	2	-	H2	J2		S-1	CC/LC	LC		CC		●	25.0	CR	-	TWG/HC		B222-S
B223-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B223-S
B224-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B224-S
B225-S	STAFF STATION	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02		-	FA	EXISTING DOOR TO REMAIN	B225-S
B225A-S	STAFF STATION	3'-0"	7'-0"	ETR	ETR	ETR	ETR	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	S02		-	FA	EXISTING DOOR TO REMAIN	B225A-S
B226-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A238, B203A, B205, B215, B236, ST2-2	CC		●	S03		20 MIN.	FA	PROVIDE CLOSER, EXISTING DOOR TO REMAIN	B226-S
B226A	DAYROOM	13'-6"	7'-4"	ETR	-	ETR	-	ETR	ETR	ETR	ETR							ETR		-	-	EXISTING OVERHEAD DOOR TO REMAIN	B226A
B227-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B227-S
B228-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B228-S
B229-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B229-S
B231-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B231-S
B232-S	VIDEO COURT/ INTERVIEW	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA		B232-S
B233-S	LAUNDRY	5'-0"	7'-0"	FF	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	25.0	CR	-	TWG/HC		B233-S
B234-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B234-S
B235-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B235-S
B236-S	DAYROOM	3'-0"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC	A238, B203A, B205, B215, B226, ST2-2	CC		●	S03		20 MIN.	FA	PROVIDE CLOSER, EXISTING DOOR TO REMAIN	B236-S
B237-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B237-S
B238-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B238-S
B239-S	ACCESSIBLE BEDROOM	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01		-	FA		B239-S
B240-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B240-S
B241-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B241-S
B242-S	VIDEO COURT/ INTERVIEW	3'-0"	7'-0"	V	G-7-Gr1	2	-	H2	J2		S-1	CC/LC	LC		CC		●	S01	CR	-	FA		B242-S
B243-S	LAUNDRY	5'-0"	7'-0"	FF	-	2	-	H2	J2		S-1	CC/LC	LC		CC		●	25.0	CR	-	TWG/HC		B243-S
B244-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B244-S
B246	JAN	2'-8"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC				●	23.0	CR	-	TWG/HC	EXISTING DOOR TO REMAIN	B246
B247	TOILET	2'-8"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC						CR	-	TWG/HC	REMOVE EXISTING LOCK CYLINDER, EXISTING DOOR TO REMAIN	B247
B249	TOILET	2'-8"	7'-0"	ETR	-	ETR	-	ETR	ETR	ETR	ETR	CC	CC						CR	-	TWG/HC	REMOVE EXISTING LOCK CYLINDER, EXISTING DOOR TO REMAIN	B249
B250-S	TOILET	3'-0"	7'-0"	F	-	1	-	H1	J1		S-1	CC/LC	LC		CC		●	S02	CR	-	FA		B250-S
B260-S	BEDROOM	2'-8"	7'-0"	ETR	ETR	ETR	-	ETR	ETR	ETR	ETR	CC/LC	LC		CC		●	ETR		-	-	EXISTING DOOR TO REMAIN	B260-S

DOOR AND FRAME CONSTRUCTION TYPE

BUILDERS	B-1	14 GAUGE FRAME / 16 GAUGE DOOR
SECURITY	S-1	10 GAUGE FRAME / 12 GAUGE DOOR

DOOR SCHEDULE ABBREVIATIONS

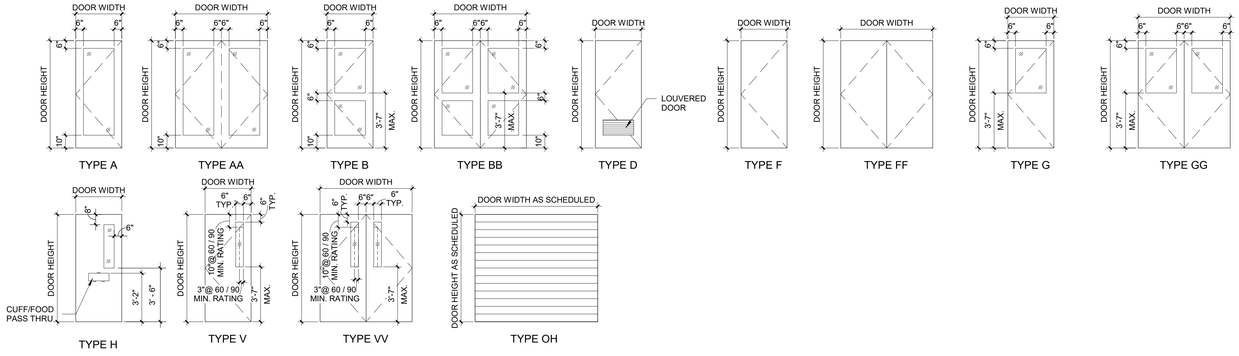
MONITOR AND CONTROL:

CC CENTRAL CONTROL
LC LOCAL CONTROL
IC INTAKE CONTROL

CR CARD READER

BASIS OF DESIGN:

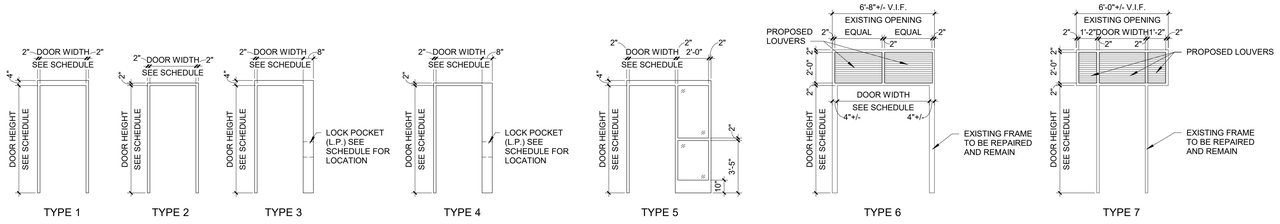
TWG TWG SECURITY
HC HC QUALITY DOORS
FA FOLGER ADAM



DOOR, WINDOW, AND BORROWED LITE GLAZING TYPES			
GLAZING TYPE	DESCRIPTION	COMMENTS	LOCATIONS
G-7-L3	1 1/8" SECURE-TEM + POLY	LEVEL 3 BALLISTICS RATING LEVEL 1 FORCED ENTRY (BEST)	EXTERIOR WINDOWS
G-7-Gr1	LEXGUARD MPC-500 1/2" LEXAN (3 PLY WITH MR SHEET)	ASTM F1233 CLASS III FORCED ENTRY / ASTM 1915 GRADE 2 FORCED ENTRY (40 MIN)	SALLYPORTS, PROPERTY STORAGE, HOLDING CELLS
P-1	LEXAN MR 10 1/2" POLYCARBONATE - MONOLITHIC ABRASION RESISTANT COATING (2 SIDES)	FORCED ENTRY	STAFF DESK
G-2	1/4" TEMPERED GLASS	--	INTERIOR NON-SECURE DOORS
IG-1	1" INSULATED GLASS/TEMPERED GLASS	--	EXTERIOR NON-SECURE DOORS AND WINDOWS

GLAZING NOTE:
PROVIDE FIRE-RATED GLASS IN DOORS AND BORROWED LITES LOCATED IN FIRE RATED WALLS THAT ARE NOT SECURITY DOORS OR OPENINGS.

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



2 FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

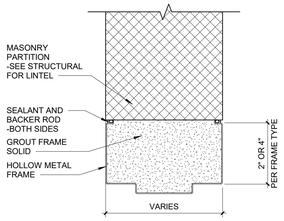
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

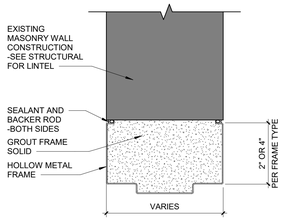
OPENINGS - SCHEDULES

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-602
Drawn By: MW	Checked By: APL

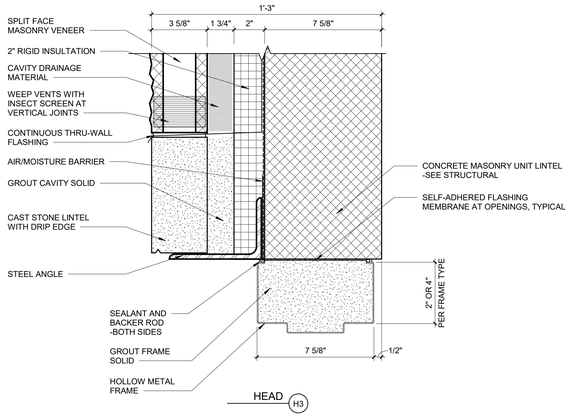
10/9/2026 12:31:36 AM



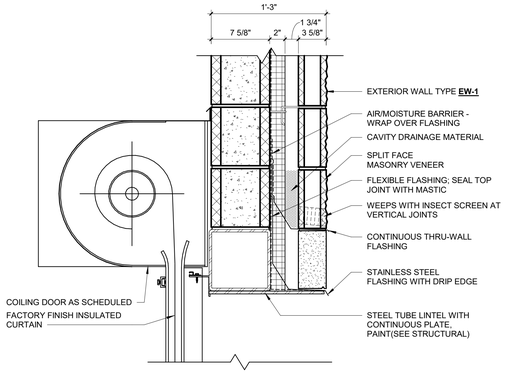
HEAD H1



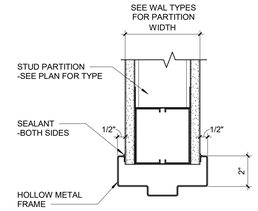
HEAD H2



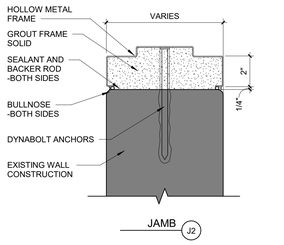
HEAD H3



OVERHEAD DOOR HEAD DETAIL H5
SCALE: 1 1/2" = 1'-0"

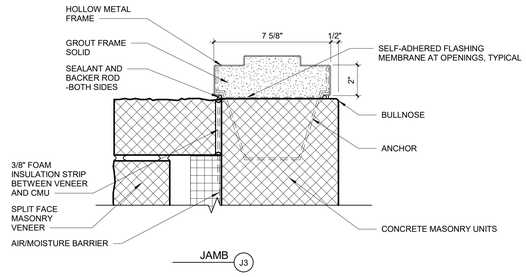


HEAD H5

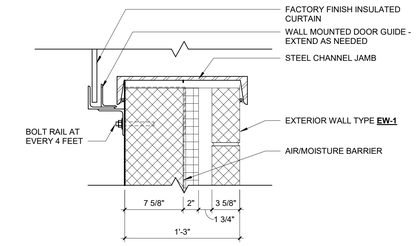


JAMB J1

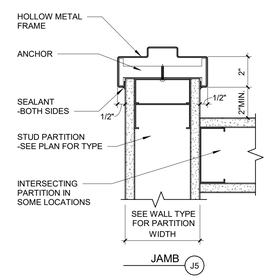
JAMB J2



JAMB J3



OVERHEAD DOOR JAMB DETAIL J4
SCALE: 1 1/2" = 1'-0"



JAMB J5

JAMB J3A

JAMB J2A

JAMB J3A

EXTERIOR THRESHOLD SILL DETAIL S3

1 DOOR DETAILS
SCALE: 3" = 1'-0"

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

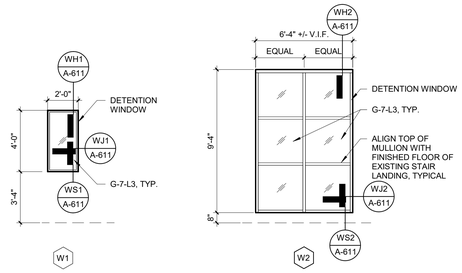
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

OPENING DETAILS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-605
Drawn By: MW	Checked By: APL

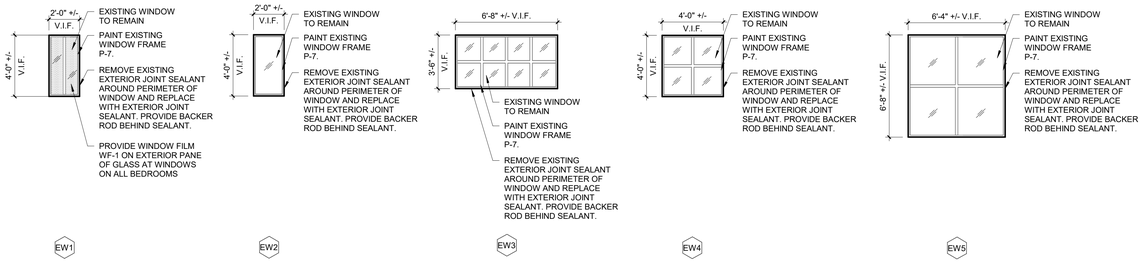
10/9/2026 12:31:37 AM



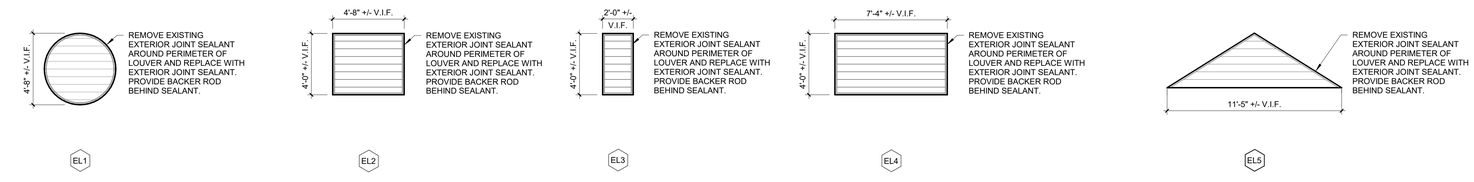
1 WINDOW ELEVATIONS
SCALE: 1/4" = 1'-0"

DOOR, WINDOW, AND BORROWED LITE GLAZING TYPES			
GLAZING TYPE	DESCRIPTION	COMMENTS	LOCATIONS
G-7-L3	1 1/8" SECURE-TEM + POLY	LEVEL 3 BALLISTICS RATING LEVEL 1 FORCED ENTRY (BEST)	EXTERIOR WINDOWS
G-7-Gr1	LEXGUARD MPC-500 1/2" LEXAN (3 PLY WITH MR SHEET)	ASTM F1233 CLASS III FORCED ENTRY / ASTM 1915 GRADE 2 FORCED ENTRY (40 MIN)	SALLYPORTS, PROPERTY STORAGE, HOLDING CELLS
P-1	LEXAN MR 10 1/2" POLYCARBONATE - MONOLITHIC ABRASION RESISTANT COATING (2 SIDES)	FORCED ENTRY	STAFF DESK
G-2	1/4" TEMPERED GLASS	--	INTERIOR NON-SECURE DOORS
IG-1	1" INSULATED GLASS/TEMPERED GLASS	--	EXTERIOR NON-SECURE DOORS AND WINDOWS

GLAZING NOTE:
PROVIDE FIRE-RATED GLASS IN DOORS AND BORROWED LITES LOCATED IN FIRE RATED WALLS THAT ARE NOT SECURITY DOORS OR OPENINGS.



2 EXISTING WINDOW ELEVATIONS
SCALE: 1/4" = 1'-0"



3 EXISTING LOUVER ELEVATIONS
SCALE: 1/4" = 1'-0"

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FOR
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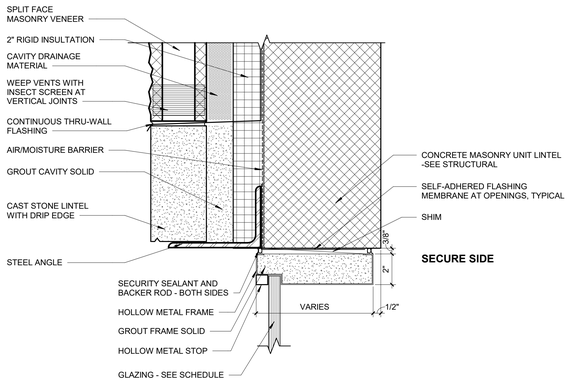
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

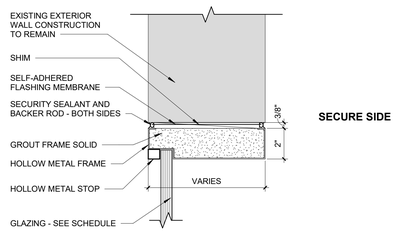
Drawing Title
WINDOW ELEVATIONS

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-610
Drawn By: MSC	Checked By: APL

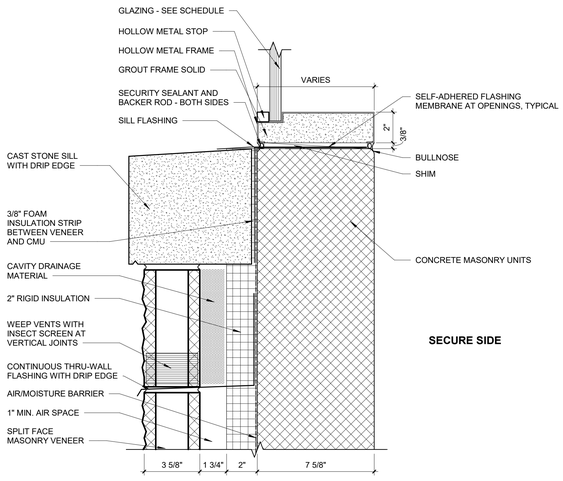
10/9/2026 12:31:41 AM



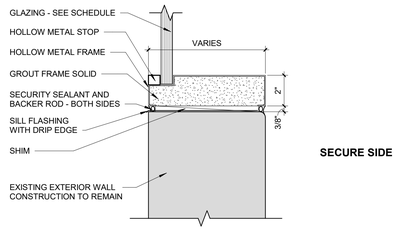
WH1 WINDOW HEAD
SCALE: 3" = 1'-0"



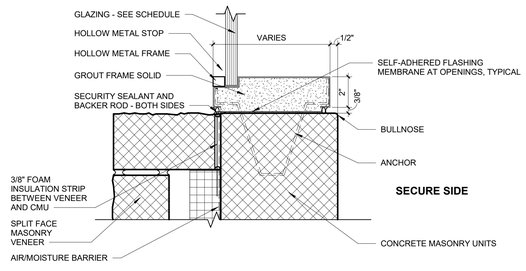
WH2 WINDOW HEAD
SCALE: 3" = 1'-0"



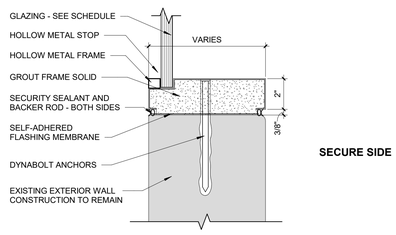
WS1 WINDOW SILL
SCALE: 3" = 1'-0"



WS2 WINDOW SILL
SCALE: 3" = 1'-0"



WJ1 WINDOW JAMB
SCALE: 3" = 1'-0"



WJ2 WINDOW JAMB
SCALE: 3" = 1'-0"

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KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

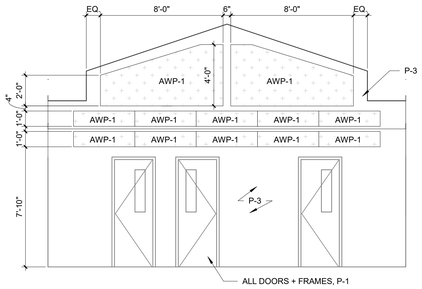
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

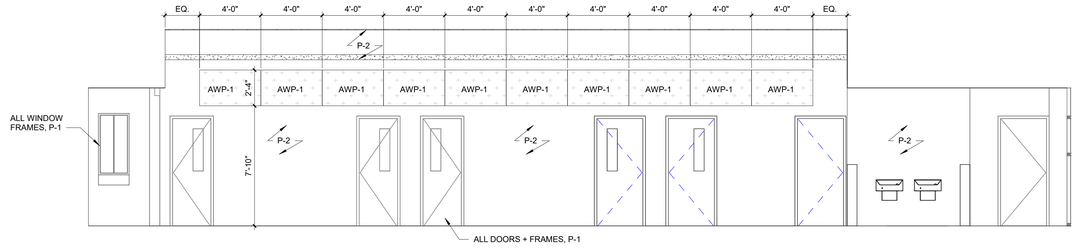
WINDOW DETAILS

Scale	USA Project No.
3" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-611
Drawn By: MW	Checked By: APL

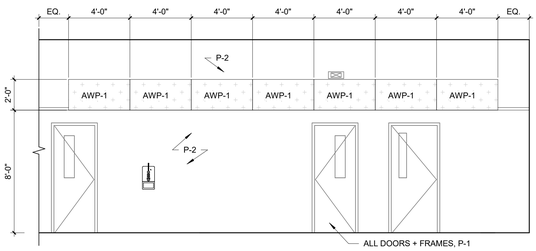
10/9/2026 12:31:42 AM



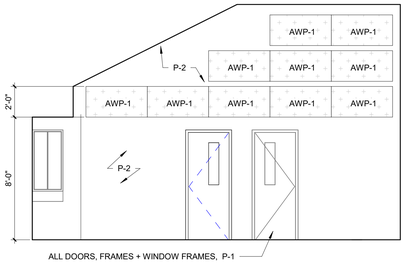
1 INTERIOR ELEVATION DAYROOM AREA A (SIM. OPPOSITE)
SCALE: 1/4" = 1'-0"



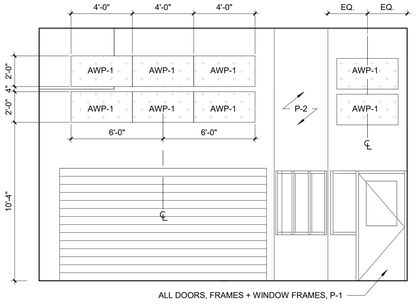
2 INTERIOR ELEVATION DAYROOM AREA A (SIM. OPPOSITE)
SCALE: 1/4" = 1'-0"



3 INTERIOR ELEVATION DAYROOM AREA B (SIM.)
SCALE: 1/4" = 1'-0"



4 INTERIOR ELEVATION DAYROOM AREA B (SIM.)
SCALE: 1/4" = 1'-0"



5 INTERIOR ELEVATION DAYROOM AREA B (SIM.)
SCALE: 1/4" = 1'-0"

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RENOVATIONS AND ADDITION

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
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Drawing Title

INTERIOR ELEVATIONS

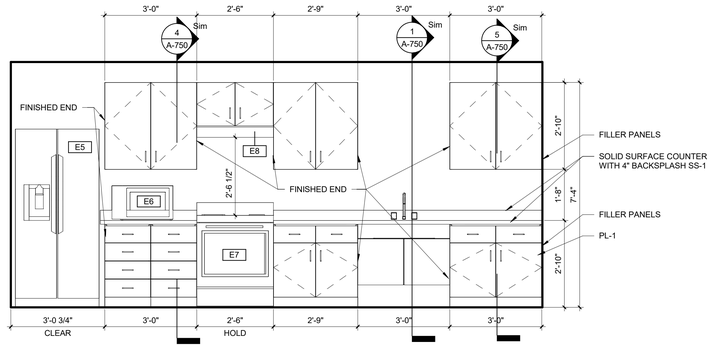
Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-710
Drawn By: MML	Checked By: APL

10/9/2026 12:31:44 AM

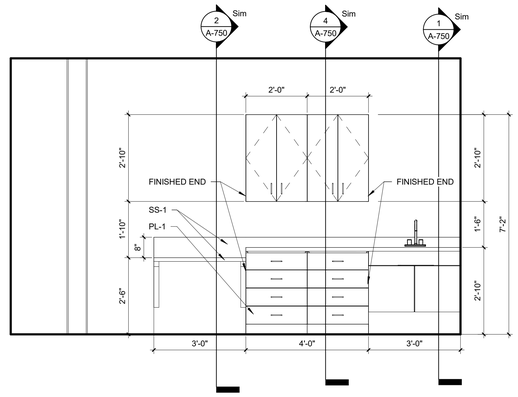
APPLIANCE KEY

E5	REFRIGERATOR
E6	MICROWAVE
E7	RANGE
E8	RANGE HOOD

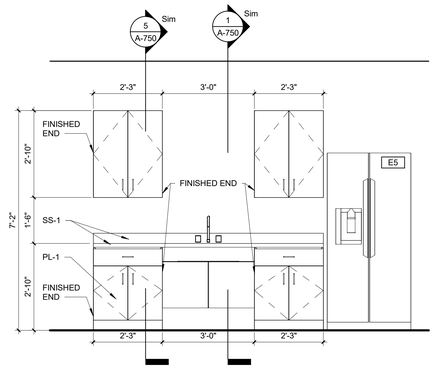
NOTE: REFER TO A-850A FOR EQUIPMENT SCHEDULE



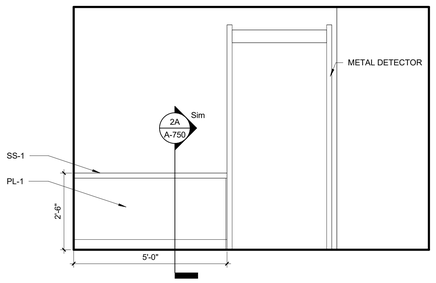
A A116 RESIDENTS KITCHEN ROOM ELEVATION
SCALE: 1/2" = 1'-0"



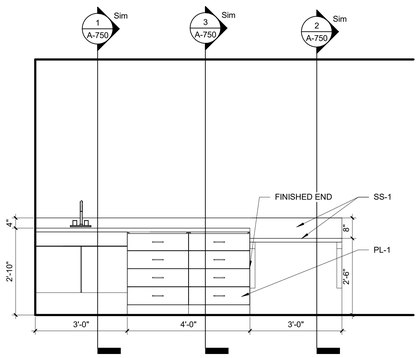
B A105 EXAM ROOM ELEVATION
SCALE: 1/2" = 1'-0"



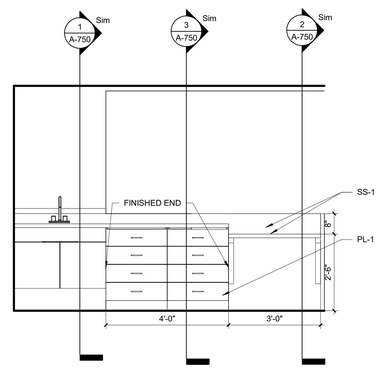
C A128 BREAK ROOM ELEVATION
SCALE: 1/2" = 1'-0"



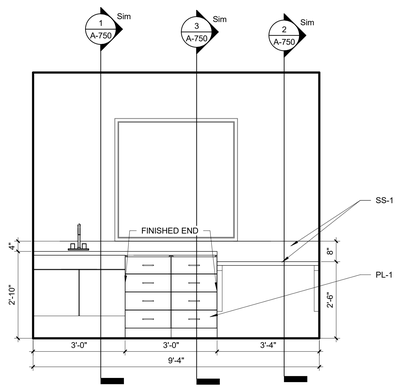
D A132 LOBBY ELEVATION
SCALE: 1/2" = 1'-0"



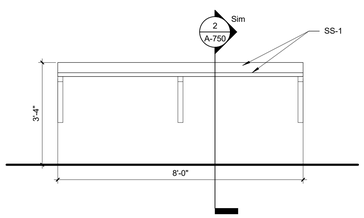
E A244 MEDICAL ROOM ELEVATION
SCALE: 1/2" = 1'-0"



F A246 TREATMENT ELEVATION
SCALE: 1/2" = 1'-0"



G A255 DENTAL ELEVATION
SCALE: 1/2" = 1'-0"



H A102 SHELTER LOBBY
SCALE: 1/2" = 1'-0"

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

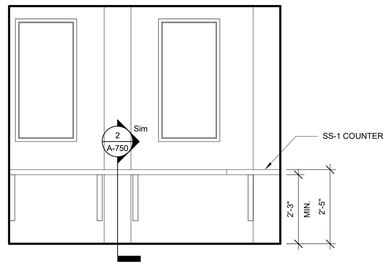
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

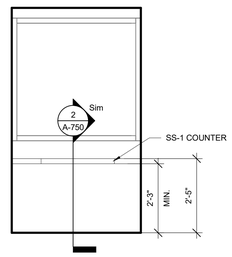
CASEWORK ELEVATIONS

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-730
Drawn By: VK/MC	Checked By: APL

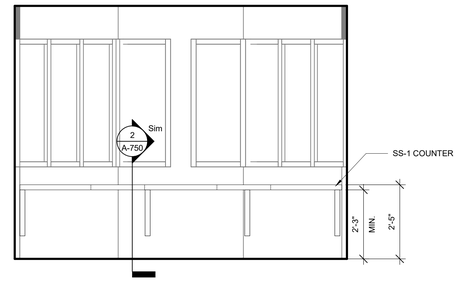
10/9/2026 12:31:46 AM



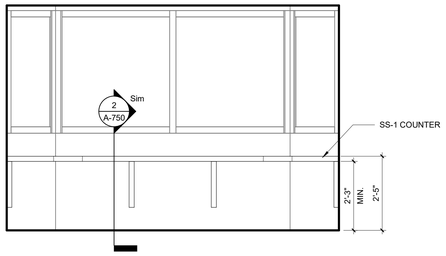
A A219 DETENTION SUPERVISORS NORTH WEST ELEVATION
SCALE: 1/2" = 1'-0"



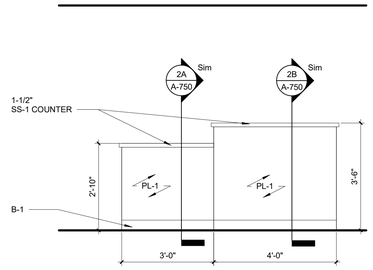
B A219 DETENTION SUPERVISORS SOUTH WEST ELEVATION
SCALE: 1/2" = 1'-0"



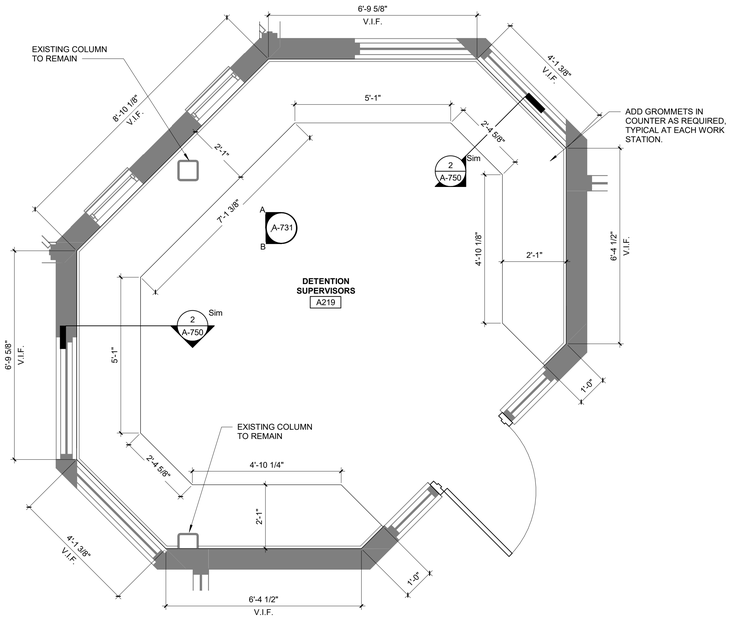
C B225 + B204 STAFF STATION ELEVATION
SCALE: 1/2" = 1'-0"



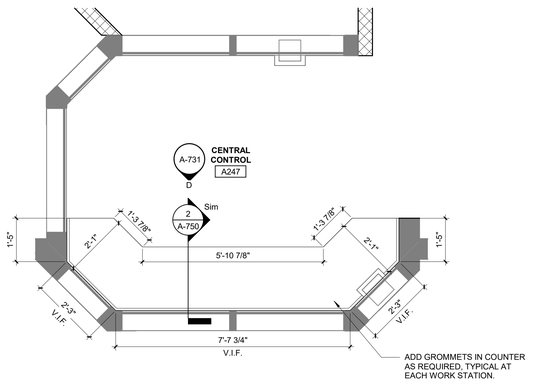
D A247 CENTRAL CONTROL ROOM SOUTH ELEVATION
SCALE: 1/2" = 1'-0"



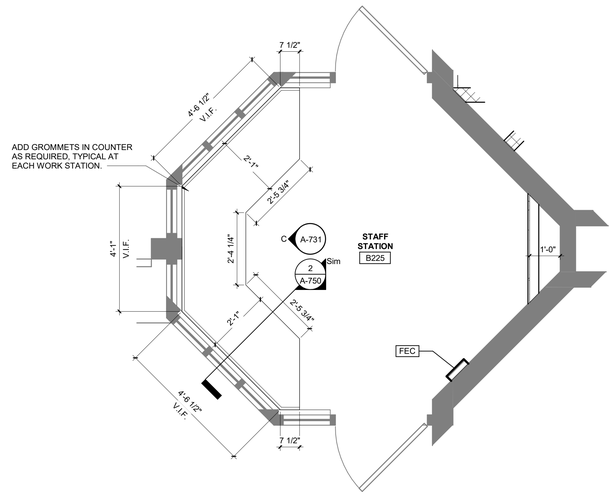
E A273 ADMISSIONS WEST ELEVATION
SCALE: 1/2" = 1'-0"



1 ENLARGED PLAN - ROOM A219
SCALE: 1/2" = 1'-0"



2 ENLARGED PLAN - ROOM A247
SCALE: 1/2" = 1'-0"



3 ENLARGED PLAN - ROOMS B225 + B204
SCALE: 1/2" = 1'-0"

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

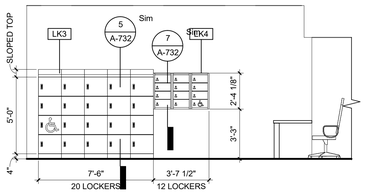
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

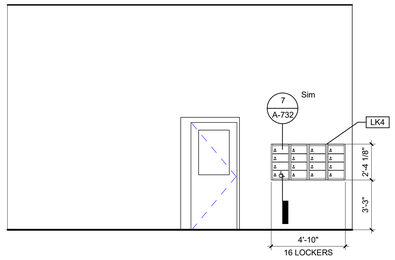
CASEWORK PLANS + ELEVATIONS

Scale	USA Project No.
1/2" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-731
Drawn By: VK/MC	Checked By: APL

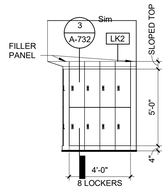
10/9/2026 12:31:48 AM



A INTERIOR ELEVATION - LOBBY A132
SCALE: 1/4" = 1'-0"



B INTERIOR ELEVATION - ROOM A272
SCALE: 1/4" = 1'-0"



C INTERIOR ELEVATION - ROOM A126
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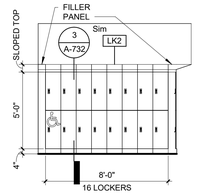
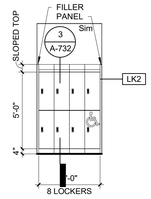


D INTERIOR ELEVATION - ROOM A126
SCALE: 1/4" = 1'-0"



E INTERIOR ELEVATION - ROOM A124
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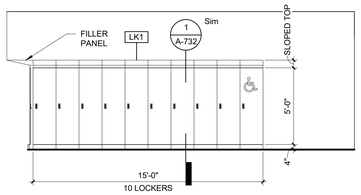
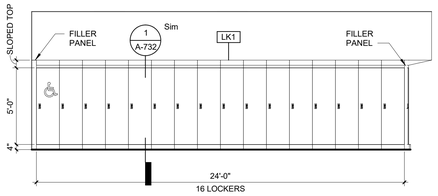
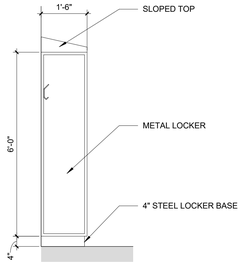


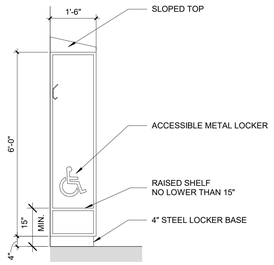
F INTERIOR ELEVATION - ROOM A128
SCALE: 1/4" = 1'-0"



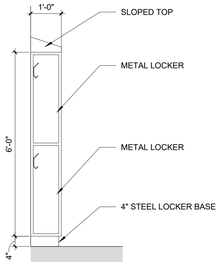
G INTERIOR ELEVATION - ROOM A128
SCALE: 1/4" = 1'-0"



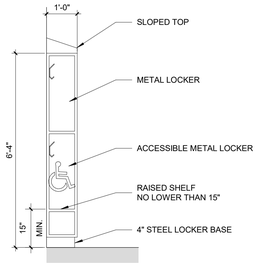
1 LOCKER DETAIL LK1
SCALE: 1/2" = 1'-0"



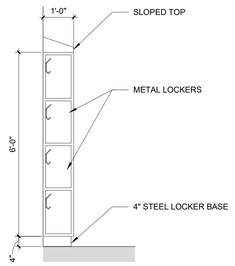
2 LOCKER DETAIL LK1 ACCESSIBLE
SCALE: 1/2" = 1'-0"



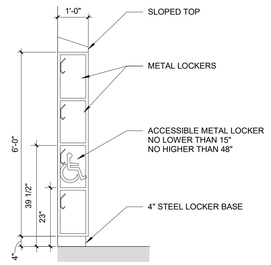
3 LOCKER DETAIL LK2
SCALE: 1/2" = 1'-0"



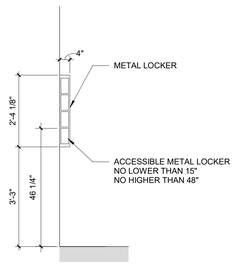
4 LOCKER DETAIL LK2 ACCESSIBLE
SCALE: 1/2" = 1'-0"



5 LOCKER DETAIL LK3
SCALE: 1/2" = 1'-0"



6 LOCKER DETAIL LK3 ACCESSIBLE
SCALE: 1/2" = 1'-0"



7 LOCKER DETAIL LK4
SCALE: 1/2" = 1'-0"

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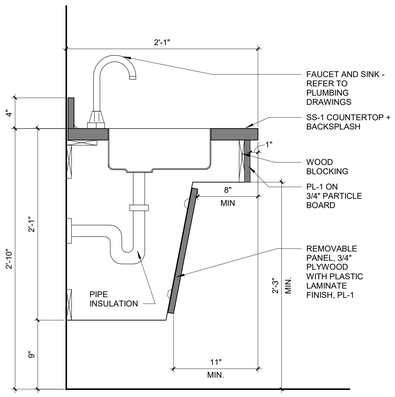
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

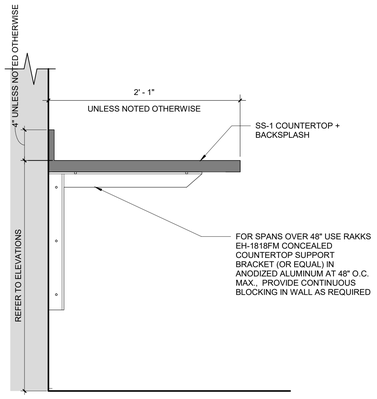
Drawing Title
LOCKER ELEVATIONS + DETAILS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-732
Drawn By: MSC	Checked By: APL

10/9/2026 12:31:50 AM



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



2 COUNTER DETAIL
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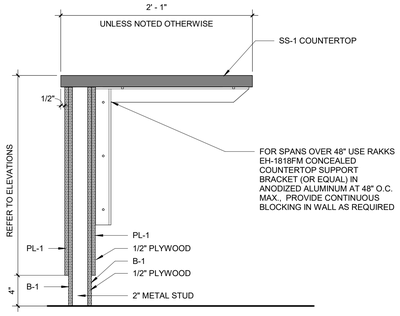
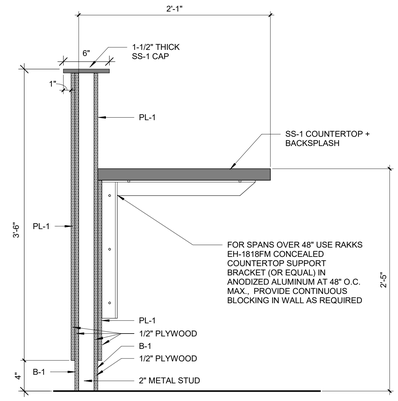
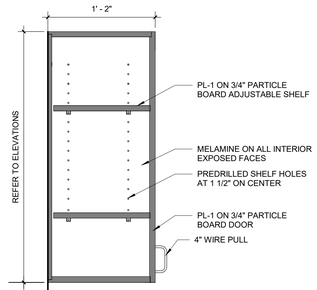
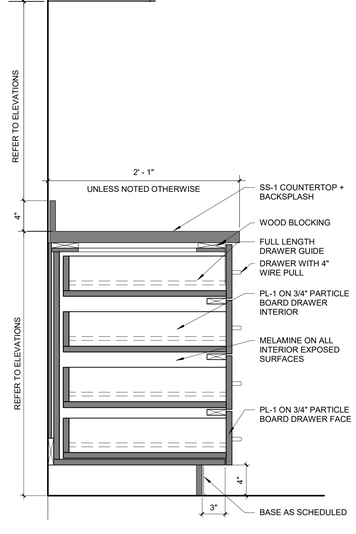


2A COUNTER DETAIL
SCALE: 1 1/2" = 1'-0"



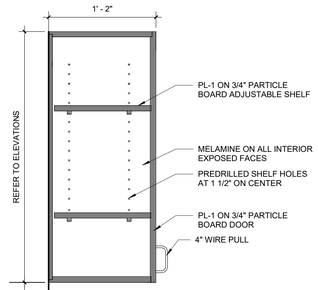
2B COUNTER DETAIL
SCALE: 1 1/2" = 1'-0"

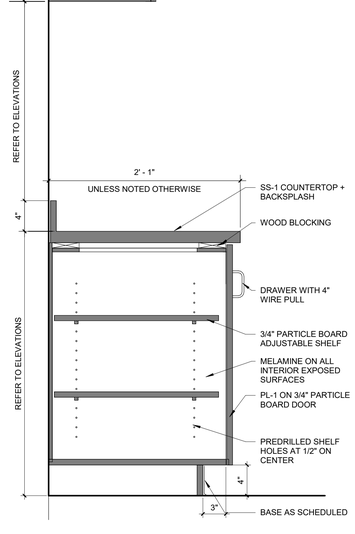




3 DRAWER BASE
SCALE: 1 1/2" = 1'-0"

4 DRAWER BASE + UPPERS
SCALE: 1 1/2" = 1'-0"





5 CABINET BASE + UPPERS
SCALE: 1 1/2" = 1'-0"

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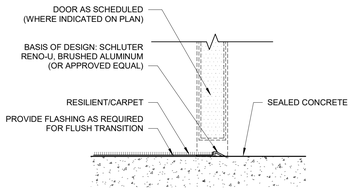
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
CASEWORK DETAILS

Scale	USA Project No.
1 1/2" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-750
Drawn By: MML	Checked By: APL

10/9/2026 12:31:51 AM



NOTE: CHANGE IN FLOOR LEVELS NOT TO EXCEED 1/4"

1 CARPET/RESILIENT TO CONCRETE
SCALE: 3" = 1'-0"

FINISH MATERIAL SCHEDULE - BASIS OF DESIGN

TAG	FINISH	MANUFACTURER	STYLE	COLOR	SIZE	COMMENTS
	PAINT					
P-1	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	706 CEDAR MOUNTAINS	--	INTERIOR DOORS + FRAMES, INTERIOR WINDOW FRAMES
P-2	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	OC-23 CLASSIC GRAY	--	GENERAL COLOR
P-3	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	CSP-940 SUNDRESS	--	ACCENT COLOR - DAYROOMS
P-4	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	2117-60 WINTER GRAY	--	ACCENT COLOR- CLASSROOMS
P-5	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	2110-40 SEASIDE SAND	--	ACCENT COLOR - DORM/BEDROOMS
P-6	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	OC-65 CHANTILLY LACE	--	ALL NEW + EXISTING GYP CEILINGS
P-7	PAINT	BENJAMIN MOORE	REFER TO SPECIFICATIONS	2116-10 NIGHT SHADE	--	EXTERIOR DOORS + FRAMES, EXTERIOR WINDOW FRAMES
PC	PAINT (+SEAL)	BENJAMIN MOORE	REFER TO SPECIFICATIONS	706 CEDAR MOUNTAINS	--	FLOOR
	CARPET					
C-1	CARPET - TILE	TARKETT	11907 AFTERMATH III SD	23527 TOMORROWLAND	24" x 24"	ADMINISTRATION AREAS
	WALK-OFF MAT					
WOF-1	WALK-OFF INSERT	CS	PEDIMAT M1	MONOTUFT HD - 9325 GRAPHITE	48" x 78	NEW INSERT FOR EXISTING RECESS
	RESILIENT FLOORING					
LVT-1	LUXURY VINYL TILE	TARKETT	PCWE COLOR WEAVE	C163 PEWTER	18"x18"	
	RESINEOUS FINISH					
FAF-1	FLUID APPLIED FLOOR	KEY RESIN	REFER TO SPECIFICATIONS	MATCH BENJAMIN MOORE 708 CEDAR MOUNTAINS		SHOWER FLOOR
FAF-2	FLUID APPLIED FLOOR	KEY RESIN	REFER TO SPECIFICATIONS	STANDARD COLOR 1/8" FLAKE		KITCHEN
FAW-1	FLUID APPLIED WALL	KEY RESIN	REFER TO SPECIFICATIONS	MATCH BENJAMIN MOORE OC-23 CLASSIC GRAY		SHOWER WALLS
	RESILIENT ATHLETIC FLOOR					
RAF-1	ATHLETIC FLOORING	TARKETT SPORT	REFER TO SPECIFICATIONS	GRASS GREEN 93/YELLOW 95	--	
	WALL BASE					
B-1	RESILIENT BASE	ROPPE	PINNACLE RUBBER COVE	114 LUNAR DUST	4"H	ADMINISTRATION AREAS
B-2	RESILIENT BASE	ROPPE	PINNACLE RUBBER COVE	682 EVERGREEN	4"H	
	MILLWORK					
PL-1	PLASTIC LAMINATE	WILSONART	STANDARD LAMINATE, FINE VELVET FINISH	NORWEGIAN ASH 8241-38	--	
SS-1	SOLID SURFACE - RESIN	FORMICA	SOLID SURFACE RESIN	416 LUNA PEWTER	--	
	MISCELLANEOUS					
AWP-1	ACOUSTIC WALL PANEL	CARDINAL ACOUSTICS	REFER TO SPECIFICATIONS	FACTORY MATCH BENJAMIN MOORE 1076 CAPILANO BRIDGE		
AWP-2	ACOUSTIC WALL PANEL	CARDINAL ACOUSTICS	REFER TO SPECIFICATIONS	FACTORY MATCH BENJAMIN MOORE CSP-940 SUNDRESS		
ETR	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	EXISTING TO REMAIN	--	
SC	SEALED CONCRETE	GENERAL CONTRACTOR	SEALED WITH SLIP ADDITIVE	NATURAL	--	
WF-1	WINDOW FILM	3M	DI-NOC ARCHTECTURAL FILM	PS-002AR, ABRASION RESISTANT OPAQUE FILM	--	
WF-2	WINDOW FILM	3M	MIRROR 2MIL		--	
WF-3	WINDOW FILM	3M	FASARA MATTE CRYSTAL X2, SH2MACRX2		--	
WP-1	WALL PADS	ALTRO	PURAGUARD	SALT W139	--	
WT-1	WINDOW TREATMENT	INPRO	REFER TO SPECIFICATIONS	353-84 LIGHT GREY, 3% OPEN	--	SECURITY SHADES
WT-2	WINDOW TREATMENT	INPRO	REFER TO SPECIFICATIONS	353-84 LIGHT GREY, 3% OPEN	--	COMMERCIAL SHADES

FINISH LEGEND

ROOM FINISH TAG

Room name

Room #	Base
Floor	Wall

SELECTIVE NOTE

#

MATERIAL CHANGE/ FINISH TRANSITION

EXISTING FINISHES TO REMAIN

GENERAL FINISH NOTES

1. REFER TO REFLECTED CEILING PLAN FOR CEILING TYPES, HEIGHTS, AND FINISHES.
2. ALL SOFFITS AND CEILINGS WHICH ARE NOT WOOD OR ACOUSTIC PANELS SHALL BE PAINTED UNLESS NOTED OTHERWISE.
3. EXPOSED CEILINGS SHALL BE PAINTED, INCLUDING DECK, STRUCTURE, DUCTWORK, CONDUIT, PIPING, ETC.
4. ALL UNFINISHED MATERIALS, GRILLES, REGISTERS, COLUMNS ETC., SHALL BE PAINTED TO MATCH ADJACENT WALLS. MATERIALS WITH NATURAL FINISH (I.E. ANODIZED ALUMINUM, CHROME, BRASS, ETC.) SHALL BE LEFT IN THE NATURAL FINISH, UNLESS NOTED OTHERWISE.
5. UNLESS FACTORY FINISHED, OR OTHERWISE SPECIFICALLY NOTED ON THE CONSTRUCTION DOCUMENTS, ALL EXPOSED SURFACES (BOTH INTERIOR & EXTERIOR OF THE BUILDING) SHALL BE PAINTED/COATED IN COLORS AND TEXTURES AS SELECTED BY THE ARCHITECT/OWNER. NO SURFACES ARE TO BE LEFT UNFINISHED.

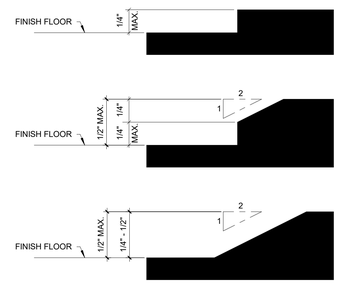
5A. IN ALL CASES, IF ANY FINISH TAG IS LEFT BLANK, CONTRACTOR SHALL CONTACT ARCHITECT FOR COLOR/FINISH SELECTION.

6. UNLESS NOTED OTHERWISE PAINT FINISHES SHALL BE AS FOLLOWS:
   - A. EXPOSED CEILINGS + STRUCTURE = FLAT FINISH
   - B. GYPSUM BOARD CEILINGS + SOFFITS = FLAT FINISH
   - C. GYPSUM BOARD WALLS = EGGSHELL FINISH
   - D. CMU/CONCRETE = SEMI-GLOSS FINISH
   - E. WOOD = SEMI-GLOSS FINISH
   - F. METAL = SEMI-GLOSS FINISH
7. ALL TRIM + DOOR FRAMES SHALL BE PAINTED TO MATCH ADJACENT WALL, SEMI-GLOSS FINISH UNLESS NOTED OTHERWISE.
8. WINDOW TREATMENTS SHALL BE FULL HEIGHT AND WIDTH OF OPENING WHERE INDICATED ON FINISH PLANS.
9. CLOSETS AND STORAGE ROOMS SHALL RECEIVE SAME FINISHES AS ADJACENT ROOM UNLESS NOTED OTHERWISE.
10. ALL JANITOR CLOSETS SHALL RECEIVE WP-1 WALLS, B-1 WALL BASE AND VCT-1 FLOOR.
11. ALL ELECTRICAL CLOSETS AND IT ROOMS SHALL RECEIVE SDT-1 FLOOR, B-1 WALL BASE AND P-2 WALLS, UNLESS NOTED OTHERWISE.
12. PROVIDE FLOORING TRANSITIONS AT ALL CHANGES IN FLOORING MATERIAL.
13. ACCENT WALL COLORS SHALL RUN FROM INSIDE CORNER TO INSIDE CORNER WHERE INDICATED ON FINISH PLANS. FINISH REMAINING WALLS AS INDICATED BY ROOM FINISH TAG.
14. GENERAL CONTRACTOR TO PATCH AND REPAIR ALL EXISTING HOLES IN FLOORS, WALLS, CEILINGS, ETC. THROUGHOUT THE EXISTING BUILDING. COORDINATE REPAIR WITH FINISH DRAWINGS.

SELECTIVE FINISH PLAN NOTES

1. FLUID APPLIED FLOOR WITH 6" HIGH INTEGRAL BASE, WP-1 ABOVE.
2. REFER TO INTERIOR ELEVATIONS FOR ACCENT PAINT LOCATIONS AND ACOUSTIC PANELS.
3. PC AT FLOOR, P-2 AT WALLS, FAF-1 AT SHOWER FLOOR, FAW-1 AT SHOWER WALLS
4. PAINT EXISTING WALL PANELS P-3. PAINT CEILING + STRUCTURE P-2. REMOVE WALL PANELS, CLEAN ALL SURFACES PRIOR TO PAINTING.
5. PATCH VOIDS IN ACOUSTIC WALL PANELS CREATED BY RELOCATION OF BASKETBALL HOOPS. PAINT P-3.
6. OWNER TO PROVIDE PROTECTIVE FLOOR MATTS UNDER ALL ADDED FITNESS EQUIPMENT AS REQUIRED TO PREVENT DAMAGE.
7. WINDOW FILM WF-2 SHALL BE APPLIED TO ALL GLAZING AT DOORS AND WINDOWS.
8. PROVIDE 48"Wx24"H AWP-1 AT ENTIRE PERIMETER. BOTTOM OF AWP AT 7'-10" A.F.F.
9. REFER TO DORM AND BEDROOM TYPICAL FINISH NOTES.

CHANGES IN FLOOR LEVEL



GENERAL NOTE:
LEVEL CHANGES IN EXCESS OF 1/2" SHALL MEET SLOPE REQUIREMENTS FOR A RAMP

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RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
FINISH SCHEDULE, NOTES + DETAILS

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-800
Drawn By: MML	Checked By: APL

10/9/2026 12:31:52 AM

FINISH LEGEND

ROOM FINISH TAG

Room name

Room #	Base
Floor	Wall

SELECTIVE NOTE

#

EXISTING FINISHES TO REMAIN

MATERIAL CHANGE/ FINISH TRANSITION

SELECTIVE FINISH PLAN NOTES

1. FLUID APPLIED FLOOR WITH 6" HIGH INTEGRAL BASE, WP-1 ABOVE.
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9. REFER TO DORM AND BEDROOM TYPICAL FINISH NOTES.

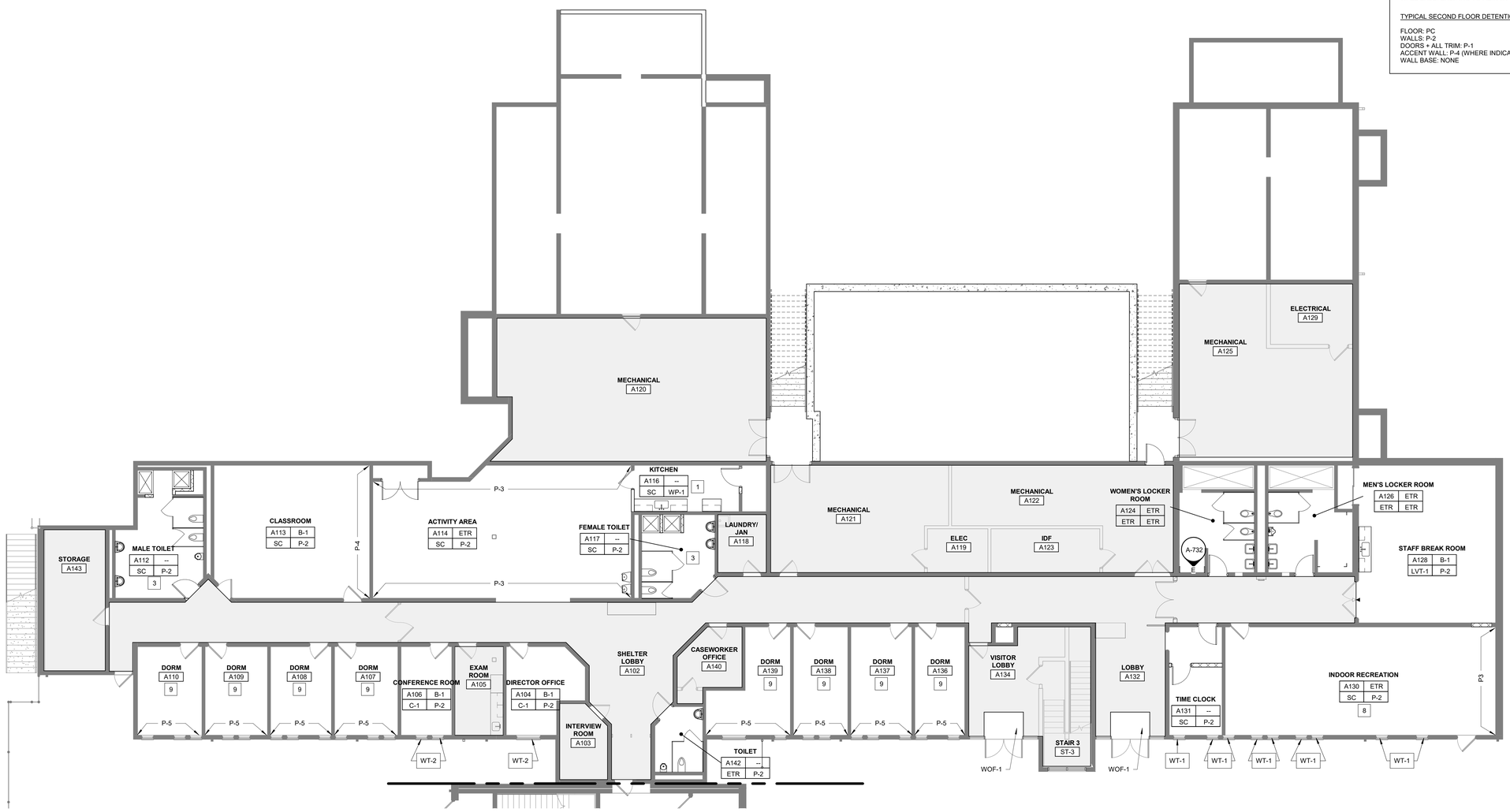
DORM AND BEDROOM TYPICAL FINISH NOTES

TYPICAL FIRST FLOOR SHELTER DORM FINISHES UNLESS NOTED OTHERWISE:

FLOOR: PC
WALLS: EXISTING GENERAL WALL PAINT TO REMAIN
DOORS + ALL TRIM: P-1
ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: EXSITING TO REMAIN

TYPICAL SECOND FLOOR DETENTION BEDROOM FINISHES UNLESS NOTED OTHERWISE:

FLOOR: PC
WALLS: P-2
DOORS + ALL TRIM: P-1
ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: NONE



1 PARTIAL FIRST FLOOR FINISH PLAN - AREA A
SCALE: 1/8" = 1'-0"

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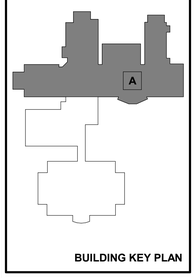

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL FIRST FLOOR FINISH PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-801
Drawn By: MML	Checked By: APL

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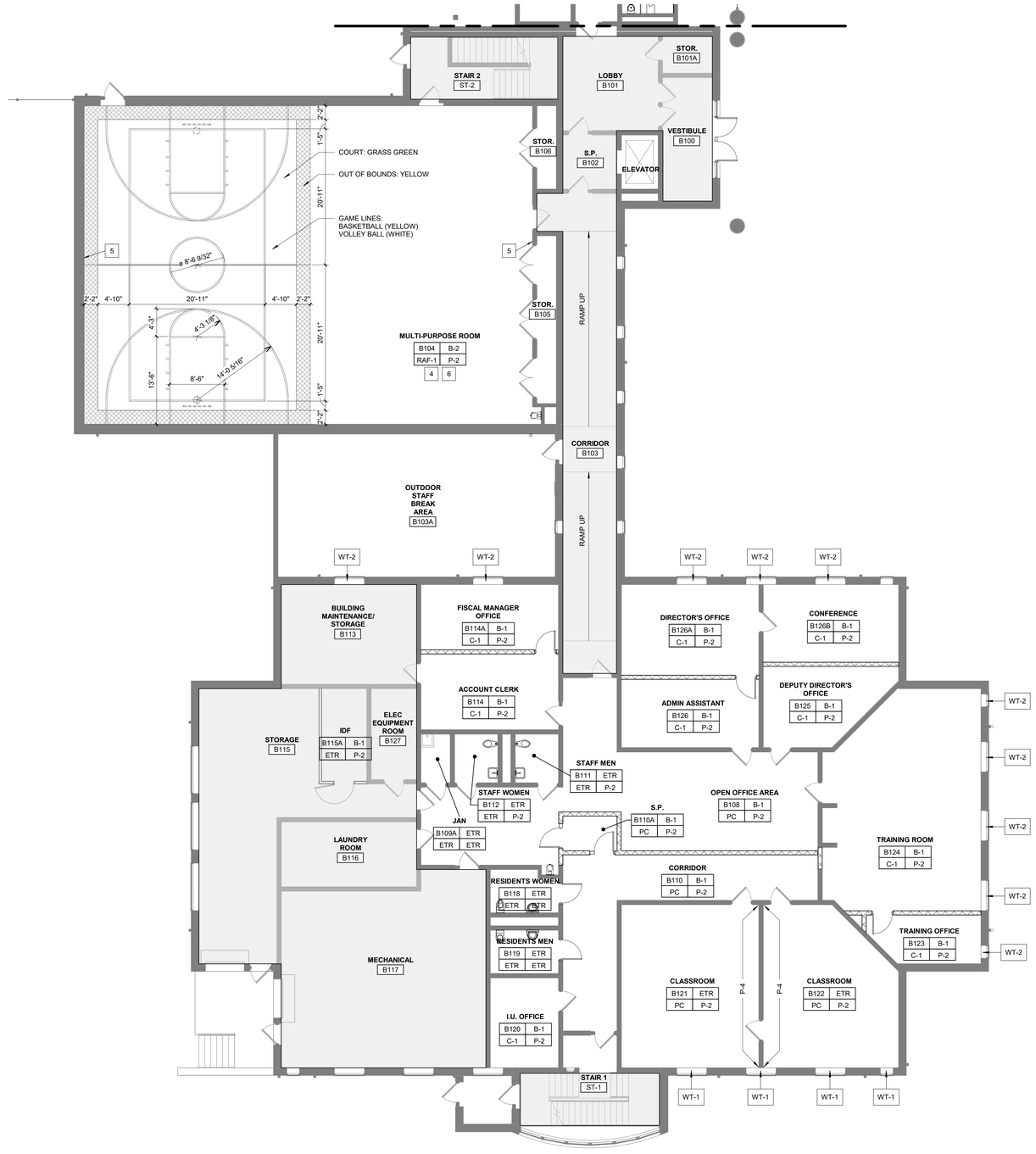

1 PARTIAL FIRST FLOOR FINISH PLAN - AREA B
SCALE: 1/8" = 1'-0"

FINISH LEGEND

ROOM FINISH TAG

Room name

Room #	Base
Floor	Wall

SELECTIVE NOTE

#

EXISTING FINISHES TO REMAIN

MATERIAL CHANGE/ FINISH TRANSITION

SELECTIVE FINISH PLAN NOTES

1. FLUID APPLIED FLOOR WITH 6" HIGH INTEGRAL BASE, WP-1 ABOVE.
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3. PC AT FLOOR, P-2 AT WALLS, FAF-1 AT SHOWER FLOOR, FAW-1 AT SHOWER WALLS
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FLOOR: PC
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ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: EXSITING TO REMAIN

TYPICAL SECOND FLOOR DETENTION BEDROOM FINISHES UNLESS NOTED OTHERWISE:

FLOOR: PC
WALLS: P-2
DOORS + ALL TRIM: P-1
ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: NONE

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B

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL FIRST FLOOR FINISH PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-802
Drawn By: MML	Checked By: APL

10/9/2026 12:31:56 AM

FINISH LEGEND

ROOM FINISH TAG

Room name

Room #	Base
Floor	Wall

SELECTIVE NOTE

#

EXISTING FINISHES TO REMAIN

MATERIAL CHANGE/ FINISH TRANSITION

SELECTIVE FINISH PLAN NOTES

1. FLUID APPLIED FLOOR WITH 6" HIGH INTEGRAL BASE, WP-1 ABOVE.
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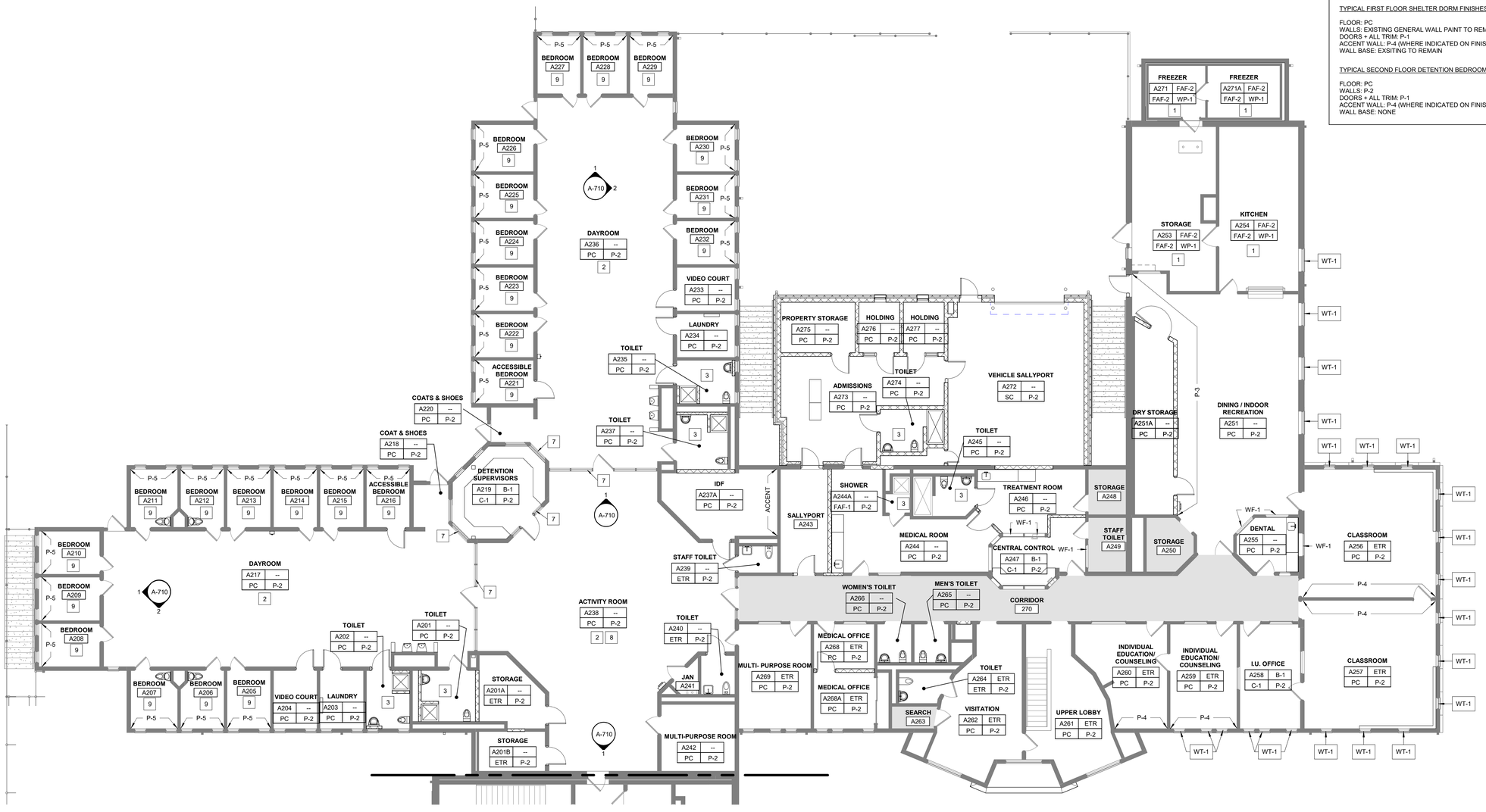
WALL BASE: EXSITING TO REMAIN

TYPICAL SECOND FLOOR DETENTION BEDROOM FINISHES UNLESS NOTED OTHERWISE:

FLOOR: PC
WALLS: P-2
DOORS + ALL TRIM: P-1
ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: NONE



1 PARTIAL SECOND FLOOR FINISH PLAN - AREA A
SCALE: 1/8" = 1'-0"

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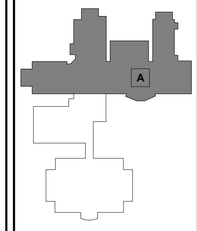

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR FINISH PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-803
Drawn By: MML	Checked By: APL

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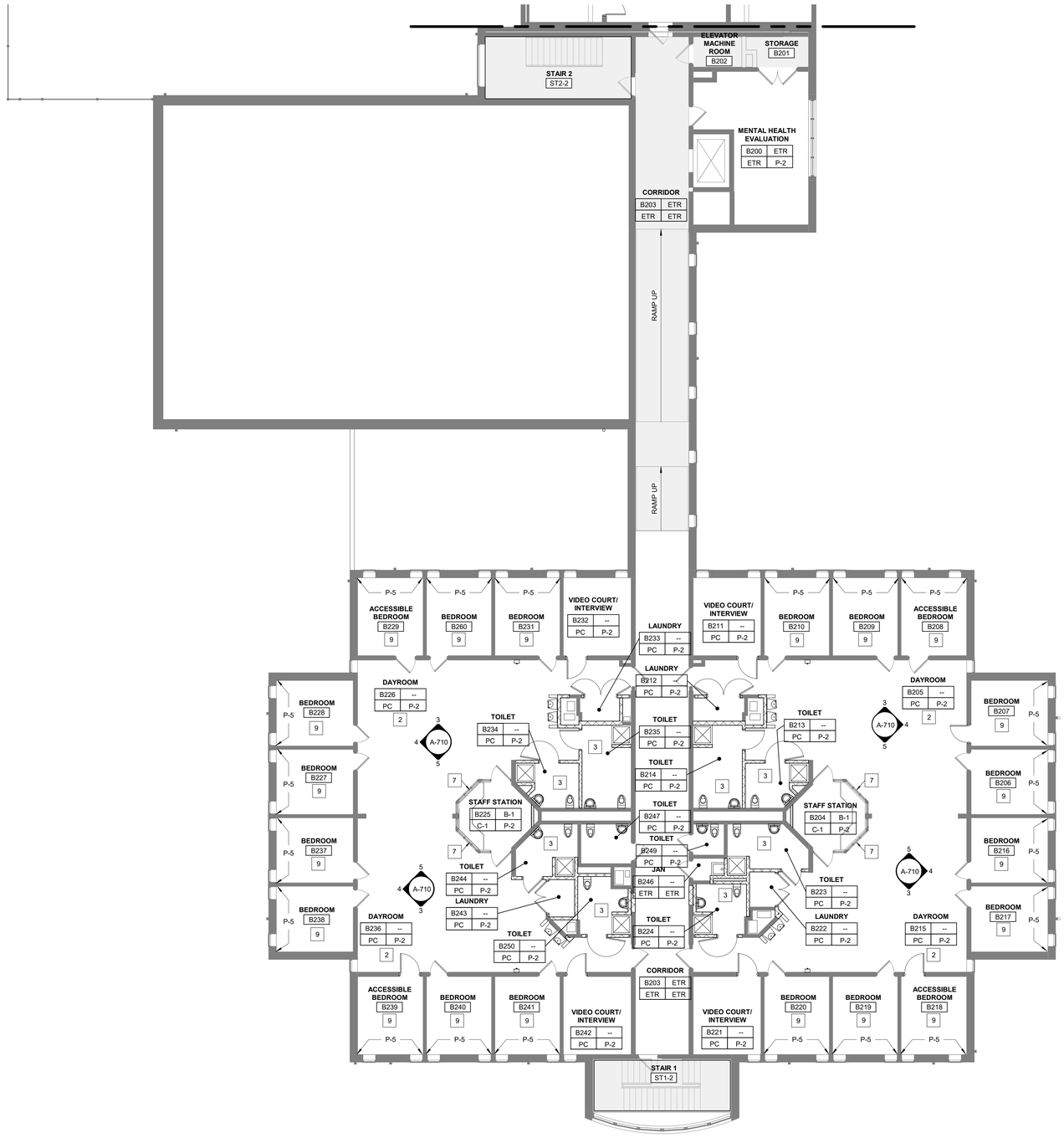

1 PARTIAL SECOND FLOOR FINISH PLAN - AREA B
SCALE: 1/8" = 1'-0"

FINISH LEGEND

ROOM FINISH TAG

Room name

Room #	Base
Floor	Wall

SELECTIVE NOTE

#

MATERIAL CHANGE/ FINISH TRANSITION

EXISTING FINISHES TO REMAIN

SELECTIVE FINISH PLAN NOTES

1. FLUID APPLIED FLOOR WITH 6" HIGH INTEGRAL BASE, WP-1 ABOVE.
2. REFER TO INTERIOR ELEVATIONS FOR ACCENT PAINT LOCATIONS AND ACOUSTIC PANELS.
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DORM AND BEDROOM TYPICAL FINISH NOTES

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ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: EXSITING TO REMAIN

TYPICAL SECOND FLOOR DETENTION BEDROOM FINISHES UNLESS NOTED OTHERWISE:

FLOOR: PC
WALLS: P-2
DOORS + ALL TRIM: P-1
ACCENT WALL: P-4 (WHERE INDICATED ON FINISH PLAN)
WALL BASE: NONE

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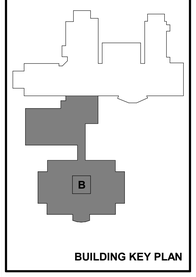

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR FINISH PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-804
Drawn By: MML	Checked By: APL

10/9/2026 12:32:01 AM

FURNITURE SCHEDULE - BASIS OF DESIGN

TAG	ITEM TYPE	COMMERCIAL / DETENTION	MANUFACTURER	MODEL	DESCRIPTION	SIZE (W x D xH INCHES)	FINISH	SUPPLIED BY: GC	SUPPLIED BY: OWNER	INSTALLED BY: GC	INSTALLED BY: OWNER	COMMENTS
	SEATING											
B1	BENCH	DETENTION	ANCHORTEX	P700136 - ADA	STEEL BASE, COMPOSITE SEAT, HANDCUFF RAIL	48x20	BLACK/LUMBER ROCK	●		●		FLOOR MOUNTED, SECURITY SEALANT APPLIED AT PERIMETER
C1	STACK CHAIR	DETENTION	NORIX	INTEGRA C110	MOLDED ONE PIECE, (7lbs)	17x17x32, SH:17.5	TWILIGHT	●		●		
C2	DESK CHAIR	DETENTION	NORIX	FLUX FEN09	MOLDED, ARMLESS, BALLASTED (50lbs)	19x24x32, SH:18	SAGE	●		●		
C3	LOUNGE CHAIR	DETENTION	NORIX	VESTA VA620	MOLDED, ARMS, BALLASTED (50lbs)	27x31x32, SH:18, AH:26	DOVE	●		●		
C4	DINING CHAIR	DETENTION	NORIX	FLUX FEN09	MOLDED, ARMLESS, BALLASTED (50lbs)	19x24x32, SH:18	TWILIGHT	●		●		
C5	FIXED STOOL	DETENTION	ACORN	ASF2429	FIXED STOOL	12 DIA, SH: 18	STAINLESS STEEL	●		●		FLOOR MOUNTED, SECURITY SEALANT APPLIED AT PERIMETER
C6	SIDE CHAIR	COMMERCIAL	SIT ON IT	FOCUS SIDE	ARMS, MESH BACK, UPHOLSTERED SEAT, GLIDES	24x26x34, SH:18	BLACK FRAME, GRADE 2	●		●		
C7	TASK CHAIR	COMMERCIAL	SIT ON IT	FOCUS 2.0	MID BACK,ARMS, MESH BACK, UPHOLSTERED SEAT, 5-STAR BASE	28x28x33-36, SH:16-20	BLACK FRAME, GRADE 2	●		●		
C8	NESTING CHAIR	COMMERCIAL	SIT ON IT	MOVI NESTER	ARMS, MESH BACK, UPHOLSTERED SEAT, CASTERS	23x23x34, SH:18	GRADE 2 TBD	●		●		
C9	STACK CHAIR	COMMERCIAL	SIT ON IT	LUMIN	PLASTIC SHELL, ARMLESS, FOUR LEG	27x22x32, SH:17	BLACK FRAME	●		●		
C10	24/7 TASK CHAIR	COMMERCIAL	SIT ON IT	REALIGN	MID BACK 24/7 HEAVY DUTY	27x27x37, SH:17-20	BLACK FRAME, GRADE 2	●		●		
C11	CONFERENCE CHAIR	COMMERCIAL	SIT ON IT	FOCUS 2.0	MID-BACK, ARMS, MESH BACK, UPHOLSTERED SEAT, 5-STAR BASE	28x28x33-36, SH:16-20	BLACK FRAME, GRADE 2	●		●		
C12	LOUNGE	DETENTION	NORIX	COUPE CP10	MOLDED, ARMS, BALLASTED (50lbs)	28x27x30, SH:17	TWILIGHT	●		●		
C13	BLOOD DRAW CHAIR	COMMERCIAL	EXISTING	EXISTING	--	37x25	--	●			●	
C14	TASK CHAIR	COMMERCIAL	EXISTING	EXISTING	--	--	--	●			●	
C16	CHAISE RECLINER	DETENTION	NORIX	RESPITE RES70	MOLDED CHAISE LOUNGE (130lbs)	26x64x34.5, SH:16	TWILIGHT	●		●		
C17	TASK CHAIR	DETENTION	EXISTING	EXISTING	--	29x30	--					
	DESKS											
D1	DESK FIXED	DETENTION	NORIX	ATTENDA ATN601	MOLDED, BASE, HPL TOP	36x24x30	TWILIGHT/KENSINGTON MAPLE	●		●		FLOOR MOUNTED, SECURITY SEALANT APPLIED AT PERIMETER
D2	DESK WALL MOUNT	DETENTION	ACORN	ASF2425	10 GAUGE STEEL, CANTELIVER DESK	27x15	STAINLESS STEEL	●		●		WALL MOUNTED 29" A.F.F., SECURITY SEALANT APPLIED AT PERIMETER
D3	TEACHER'S DESK	COMMERCIAL	KI	INSTRUCT	RECTANGLE, POST LEG, LOCKING STEEL PEDESTAL, STEEL MODESTY PANEL, HPL TOP	54x24x29	TBD	●		●		
D4	ADMIN DESK	COMMERCIAL	KI	700 SERIES	DOUBLE PEDESTAL BBF/FF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	60x30x29	TBD	●		●		
D5	DESK	COMMERCIAL	KI	700 SERIES	DESK WITH 54" RIGHT RETURN, BBF/FF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	DESK: 60x30x29 RETURN: 54x18x29	TBD	●		●		
D6	DESK	COMMERCIAL	KI	700 SERIES	DESK WITH 54" LEFT RETURN, BBF/FF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	DESK: 60x30x29 RETURN: 54x18x29	TBD	●		●		
D7	DESK	COMMERCIAL	KI	700 SERIES	DESK WITH 54" RIGHT RETURN, BBF/FF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	DESK: 72x30x29 RETURN: 54x18x29	TBD	●		●		
D8	DESK	COMMERCIAL	KI	700 SERIES	DESK WITH 54" RIGHT BRIDGE, BBF/FF, 72" CREDENZA FF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	DESK: 72x30x29 BRIDGE: 54x18x29 CREDENZA: 72x18x29	TBD	●		●		
D9	ADMIN DESK	COMMERCIAL	KI	700 SERIES	SINGLE PEDESTAL BBF, POWDER COAT STEEL BASE, HPL TOP, FULL MODESTY	48x24x29	TBD	●		●		
	STORAGE											
F1	LATERAL FILE	COMMERCIAL	KI	700 SERIES	5-DRAWER	42x18x54	TBD	●		●		
F2	LATERAL FILE	COMMERCIAL	KI	700 SERIES	3-DRAWER	30x18x39.25	TBD	●		●		
F3	VERTICAL FILE	COMMERCIAL	KI	700 SERIES	MOBILE PEDESTAL FF	15x17-5/8x25-5/16	TBD	●		●		
LK1	LOCKER	COMMERCIAL	REFER TO SPECIFICATIONS		SINGLE TIER METAL LOCKER	18x18x60	TBD	●		●		
LK2	LOCKER	COMMERCIAL	REFER TO SPECIFICATIONS		DOUBLE TIER METAL LOCKER	12x12x60	TBD	●		●		
LK3	LOCKER	COMMERCIAL	REFER TO SPECIFICATIONS		FOUR TIER METAL LOCKER	18x12x60	TBD	●		●		
LK4	LOCKER - WEAPON	COMMERCIAL	REFER TO SPECIFICATIONS		METAL WEAPON LOCKER	13x6-1/2x32	TBD	●		●		
S1	SHELVING	COMMERCIAL	ULINE	--	HEAVY DUTY STEEL, ADJUSTABLE SHELVING	36x24x84	TBD	●		●		INSTALLED WITH WALL ANCHORS
S2	TALL STORAGE	DETENTION	NORIX	ATTENDA ATN301	MOLDED 3-SHELF WALL HUNG UNIT	27x14x53.5	TWILIGHT	●		●		WALL MOUNTED 12" A.F.F., SECURITY SEALANT APPLIED AT PERIMETER
S3	SHELF / HOOK	DETENTION	ACORN	1824	STORAGE SHELF W/ 4 AUTO RELEASE HOOKS	20x7x11.5	STAINLESS STEEL	●		●		WALL MOUNTED 48" A.F.F., SECURITY SEALANT APPLIED AT PERIMETER
S4	NIGHT STAND	DETENTION	NORIX	ATTENDA ATN250	MOLDED, BASE, HPL TOP	22x22x23	TWILIGHT	●		●		FLOOR MOUNTED, SECURITY SEALANT APPLIED AT PERIMETER
S5	MOBILE CART	COMMERCIAL	ULINE	H-7549	STEEL, VENTILATED, SLIDE OUT SHELF,GROMMETS	25x25x35	BLACK POWDER COAT	●		●		
S6	CHARGING CART	COMMERCIAL	LUXOR	TBD	MOBILE, LOCKING CHARGING CART	12x24x34	TBD		●		●	PROVIDED BY SCHOOL DISTRICT
	TABLES											
T1	ROUND TABLE	DETENTION	NORIX	MAX MASTER M44200	CURVED TUBULAR STEEL SUPPORTS LAMINATE TOP, SLAMMER STONE SEAT, GLIDE KIT, BOLT-DOWN KIT	42 DIAx31.8, SH: 18.9	FRAME: BLACK, SEAT: TWILIGHT TOP: GAME TOP	●		●		PROVIDE BOLT DOWN KIT
T1A	ROUND TABLE	DETENTION	NORIX	MAX MASTER M44200 ADA COMPLIANT	CURVED TUBULAR STEEL SUPPORTS LAMINATE TOP, SLAMMER STONE SEAT, GLIDE KIT, BOLT-DOWN KIT	42 DIAx31.8, SH: 18.9	FRAME: BLACK, SEAT: TWILIGHT TOP: GAME TOP	●		●		PROVIDE BOLT DOWN KIT
T2	RECTANGULAR TABLE	DETENTION	NORIX	MAX MASTER M63072	CURVED TUBULAR STEEL SUPPORTS LAMINATE TOP, SLAMMER STONE SEAT, GLIDE KIT, BOLT-DOWN KIT	72x30x31.8, SH: 18.9	FRAME: BLACK, SEAT: TWILIGHT TOP: KENSINGTON MAPLE	●		●		PROVIDE BOLT DOWN KIT
T2A	RECTANGULAR TABLE	DETENTION	NORIX	MAX MASTER M63072 ADA COMPLIANT	CURVED TUBULAR STEEL SUPPORTS LAMINATE TOP, SLAMMER STONE SEAT, GLIDE KIT, BOLT-DOWN KIT	72x30x31.8, SH: 18.9	FRAME: BLACK, SEAT: TWILIGHT TOP: KENSINGTON MAPLE	●		●		PROVIDE BOLT DOWN KIT
T3	ROUND TABLE	DETENTION	NORIX	TABLE XB4200-MA	ROUND MOLDED TABLE, X-BASE, HPL SOLID TOP (100lbs)	42DIAx31	TWILIGHT/KENSINGTON MAPLE	●		●		PROVIDE BOLT DOWN KIT
T4	GAME TABLE	DETENTION	NORIX	TABLE XB4242-MA	SQUARE MOLDED, X-BASE, HPL GAME TOP (116lbs)	42x42x31	TWILIGHT/GAME TOP	●		●		PROVIDE BOLT DOWN KIT
T5	CLASSROOM TABLE	DETENTION	NORIX	MULTI-PURPOSE MP2460	12 GAUGE STEEL T-BASE, HPL TOP (74lbs)	24x60x29	KENSINGTON MAPLE	●		●		
T6	CLASSROOM TABLE	COMMERCIAL	KI	PORTICO	FIXED T-BASE, HPL TOP	18x60x29	TBD	●		●		
T7	TRAINING TABLE	COMMERCIAL	KI	TRIBUTAIRE	LOCKING CASTERS, MODESTY PANEL, NESTING, HPL TOP	24x60x29	TBD	●		●		
T8	DINING TABLE	COMMERCIAL	KI	TRIBUTAIRE	CAFE BASE, HPL TOP	42x42x29	TBD	●		●		
T9	WORK TABLE	COMMERCIAL	KI	TRIBUTAIRE	CAFE BASE, HPL TOP	36x36x29	TBD	●		●		
T10	CONFERENCE TABLE	COMMERCIAL	KI	TRIBUTAIRE	CONFERENCE BASE, HPL TOP	42x144x29	TBD	●		●		
T11	CONFERENCE TABLE	COMMERCIAL	KI	TRIBUTAIRE	CONFERENCE BASE, HPL TOP	36x72x29	TBD	●		●		
T12	WORK TABLE	DETENTION	NORIX	LEG STYLE LS3072	2-1/2" STEEL POST LEGS, HPL TOP (124lbs)	30x72x29	KENSINGTON MAPLE	●		●		
T13	WORK TABLE	COMMERCIAL	ULINE	WORK TABLE H-9003	HEIGHT ADJUSTABLE STEEL BASE, COMPOSITE TOP	30x72x29-39	TBD	●		●		
T14	PICNIC TABLE	COMMERCIAL	GLOBAL INDS.	WB277153BKKD	EXPANDED METAL/STEEL, ATTACHED BENCHES	96x62x29.5	BLACK POWDER COAT	●		●		
	MISCELLANEOUS											
M1	MATTRESS	DETENTION	NORIX	CUSTODY MCS4-2575	SEALED SEAM W/DOUBLE SIDED INTEGRATED PILLOW, PROVIDE (12) ADDITIONAL MATTRESSES AS ATTIC STOCK	25x75x4.5	SILVER SECURE	●		●		PROVIDE AT EXISTING BUNKS
M2	BED	DETENTION	NORIX	ATTENDA ATN130	MOLDED SPACE SAVER BED W/ STORAGE, PROVIDE MATTRESS MCS4-3075	BED: 32x78x22.6 MATTRESS: 30x75x4.5	TWILIGHT	●		●		FLOOR MOUNTED, SECURITY SEALANT APPLIED AT PERIMETER
M3	LECTERN	COMMERCIAL	KI	TRIBUTAIRE	STORAGE, MODESTY PANEL, HPL, CASTERS	30x72x29	TBD	●		●		

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FURNITURE SCHEDULE

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-850
Drawn By: MML	Checked By: APL

10/9/2026 12:32:02 AM

AUDIO VISUAL + EQUIPMENT SCHEDULE - BASIS OF DESIGN

TAG	ITEM TYPE	MANUFACTURER (BASIS OF DESIGN)	MODEL	DESCRIPTION	FINISH	WATER	POWER	DATA	SIZE	SUPPLIED BY: GC	SUPPLIED BY: OWNER	INSTALLED BY: GC	INSTALLED BY: OWNER	COMMENTS
AV1	DISPLAY MONITOR / TV	TBD	TBD	DISPLAY MONITOR/TELEVISION	--		●	●			●		●	MOUNT AT 60" A.F.F. TO CENTER
AV2	SMART BOARD	TBD	TBD	SMART BOARD	--		●	●			●		●	
AV3	VIDEO COURT SYSTEM	TBD	TBD	VIDEO COURT SYSTEM	--		●	●	TBD		●		●	
TKB	TACK BOARD	EVERWHITE	T7600	FRAMED CORK TACK BOARD	ALUMINUM / CORK				4'Hx8'W	●		●		MOUNT AT 24" A.F.F. TO BOTTOM
MB	MARKER BOARD	EXISTING	EXISTING	MARKER BOARD	--						●	●		
E1	CLOTHES WASHER	SPEED QUEEN	TV2000WN	TOP LOAD, ADA COMPLIANT	WHITE	●	●			●		●		
E2	CLOTHES DRYER	SPEED QUEEN	DV2000WE	ELECTRIC, ADA COMPLIANT	WHITE		●			●		●		
E3	CLOTHES WASHER	CROSSOVER	WHLFP817OPL	COMMERCIAL FRONT LOAD ADA COMPLIANT, FREE USE	SILVER	●	●							
E4	CLOTHES DRYER	CROSSOVER	DLHF0817GDC	COMMERCIAL GAS DRYER, ADA COMPLIANT, FREE USE	SILVER		●							GAS DRYER
E5	REFRIGERATOR	WHIRLPOOL	WRT541SZDM	FULL SIZE REFRIGERATOR 21.31 CF, ADA COMPLIANT	STAINLESS STEEL		●		33"Wx34"Dx67"H	●		●		
E6	MICROWAVE	WHIRLPOOL	WMCS7022SB	1.6 CF, 1200 WATT COUNTERTOP MICROWAVE, ADA COMPLIANT	BLACK		●		22"Wx19"Dx13"H	●		●		
E7	RANGE	FRIGIDAIRE	FCFE3062AS	5.3.CF ELECTRIC RANGE, SMOOTH COOKTOP, ADA COMPLIANT	STAINLESS STEEL		●		30"Wx26"Dx36"H	●		●		
E8	RANGE HOOD	FRIGIDAIRE	FHWC3040MS	UNDERCABINET, THREE SPEED DUCTED	STAINLESS STEEL		●		30"Wx19.75"Dx4.94"H	●		●		SWITCHED FOR ADA COMPLIANCE
E9	METAL DETECTOR	TBD	TBD	METAL DETECTOR	--		●		TBD		●		●	
E10	TIME CLOCK	TBD	TBD	WALL MOUNTED TIME CLOCK	--		●	●	15"Wx3"Dx9"H		●		●	
E11	COPIER/PRINTER	TBD	TBD	FLOOR COPIER/PRINTER LARGE	--		●	●	TBD		●		●	
E12	COPIER/PRINTER	TBD	TBD	FLOOR COPIER/PRINTER SMALL	--		●	●	TBD		●		●	
E13	COPIER/PRINTER	EXISTING	EXISTING	TABLETOP COPIER/PRINTER	--		●	●	18"Wx19"Dx23"H		●		●	
E14	WALL FILE HOLDER	EXISTING	EXISTING	WALL MOUNTED FILE HOLDER	--				48"Wx4"Dx24"H		●	●		
E15	MONITOR CART	EXISTING	EXISTING	MOBILE MEDICAL CART	--				18"Wx19"D		●		●	
E16	MEDICINE CART	EXISTING	EXISTING	LOCKED MEDICINE CART	--				36"Wx22"Dx43"H		●		●	
E17	EXAM BED	EXISTING	EXISTING	MANUAL ADJUSTABLE EXAM BED	--		●		70"Wx31"		●		●	
E18	SHARPS CONTAINER	EXISTING	EXISTING	WALL MOUNTED SHARPS CONTAINER	--				14"Wx14"H		●	●		
E19	WELCH ALYN	EXISTING	EXISTING	WELCH ALYN	--		●		12"Wx4"Dx4"H		●	●		
E20	FLOOR SCALE	EXISTING	EXISTING	FLOOR SCALE	--		●		15"Wx21"		●		●	
E21	REFRIGERATOR	EXISTING	EXISTING	SMALL COUNTER/FLOOR REFRIGERATOR	--				18"Wx19"D		●		●	
E22	EXAM STOOL	EXISTING	EXISTING	DENTAL EXAM STOOL	--		●		18"Wx18"D		●		●	
E23	DENTAL CHAIR	EXISTING	EXISTING	ADJUSTABLE DENTAL CHAIR	--				30"Wx68"D		●		●	
E24	DENTAL INSTRUMENT CART	EXISTING	EXISTING	DENTAL INSTRUMENT CART	--		●		23"Wx22"D		●		●	
E25	DENTAL LIGHT	EXISTING	EXISTING	FLOOR/MOBILE DENTAL LIGHT	--		●				●		●	
E26	DENTAL STERILIZER	EXISTING	EXISTING	COUNTERTOP STERILIZER	--		●		17"Wx18"Dx14"H		●		●	
E27	BUBBLE HOCKEY	EXISTING	EXISTING	FLOOR STANDING BUBBLE HOCKEY	--		●		78"Wx36"D		●		●	
E28	ARCADE GAME	EXISTING	EXISTING	ARCADE GAME	--		●		24"Wx33"D		●		●	
E29	AIR HOCKEY TABLE	EXISTING	EXISTING	AIR HOCKEY TABLE	--		●		84"Wx47"D		●		●	
E30	CLIMBING WALL	EXISTING	EXISTING	CLIMBING WALL WITH PROTECTIVE PADDING	--				20'-2"Wx8'-0"H		●	●		MOUNT 8" A.F.F. TO BOTTOM
E31	SPEED BALL	EXISTING	EXISTING	WALL MOUNTED SPEED BALL	--				BRACKET 24"Wx23"H		●	●		MOUNT 6'-2" A.F.F. TO TOP OF BALL
E32	PUNCHING BAG	EXISTING	EXISTING	WALL MOUNTED PUNCHING BAG	--				BRACKET 19"Wx24"H		●	●		MOUNT 7'-5" A.F.F. TO TOP OF BRACKET
E33	BASKETBALL HOOP	EXISTING	EXISTING	WALL MOUNTED BASKETBALL HOOP - RELOCATED	--						●	●		
E34	GYM WALL PADS	AMERICAN ATHLETIC	POLY WALL PAD	2" POLYURETHANE FOAM WITH VINYL COVER						●		●		
E35	TREADMILL	TBD	TBD	OWNER TO PROVIDE EQUIPMENT AND FLOOR PROTECTION PADS	--		●				●		●	
E36	ELIPTICAL	TBD	TBD	OWNER TO PROVIDE EQUIPMENT AND FLOOR PROTECTION PADS	--		●				●		●	
E37	AED CABINET	ACTIVAR	CABINET: 1400	SEMI-RECESSED LIFESTART CABINET	BLACK				CABINET: 14"Wx14"Hx6-3/4"D	●		●		INSTALLED SEMI-RECESSED, MAXIMIM 4" PROJECTION. CABINET FOR AED: LP-CR2. AED PROVIDED BY OWNER
E38	NALOXONE CABINET	OVERDOSE KITS	B0CQKB4ZXV	SURFACE MOUNTED WALL CABINET	BLACK				7.5"Wx9"Hx3.5"D	●		●		MEDICATION PROVIED BY OWNER
E39	WALL MOUNTED PHONE	G-TEL ENTERPRISES	CT-3500	LIGATURE RESISTANT PHONE	STAINLESS STEEL			●		●		●		INCLUDE WALLMOUNT CONDUIT PLATE

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

AUDIO VISUAL + EQUIPMENT SCHEDULE

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-850A
Drawn By: MML	Checked By: APL

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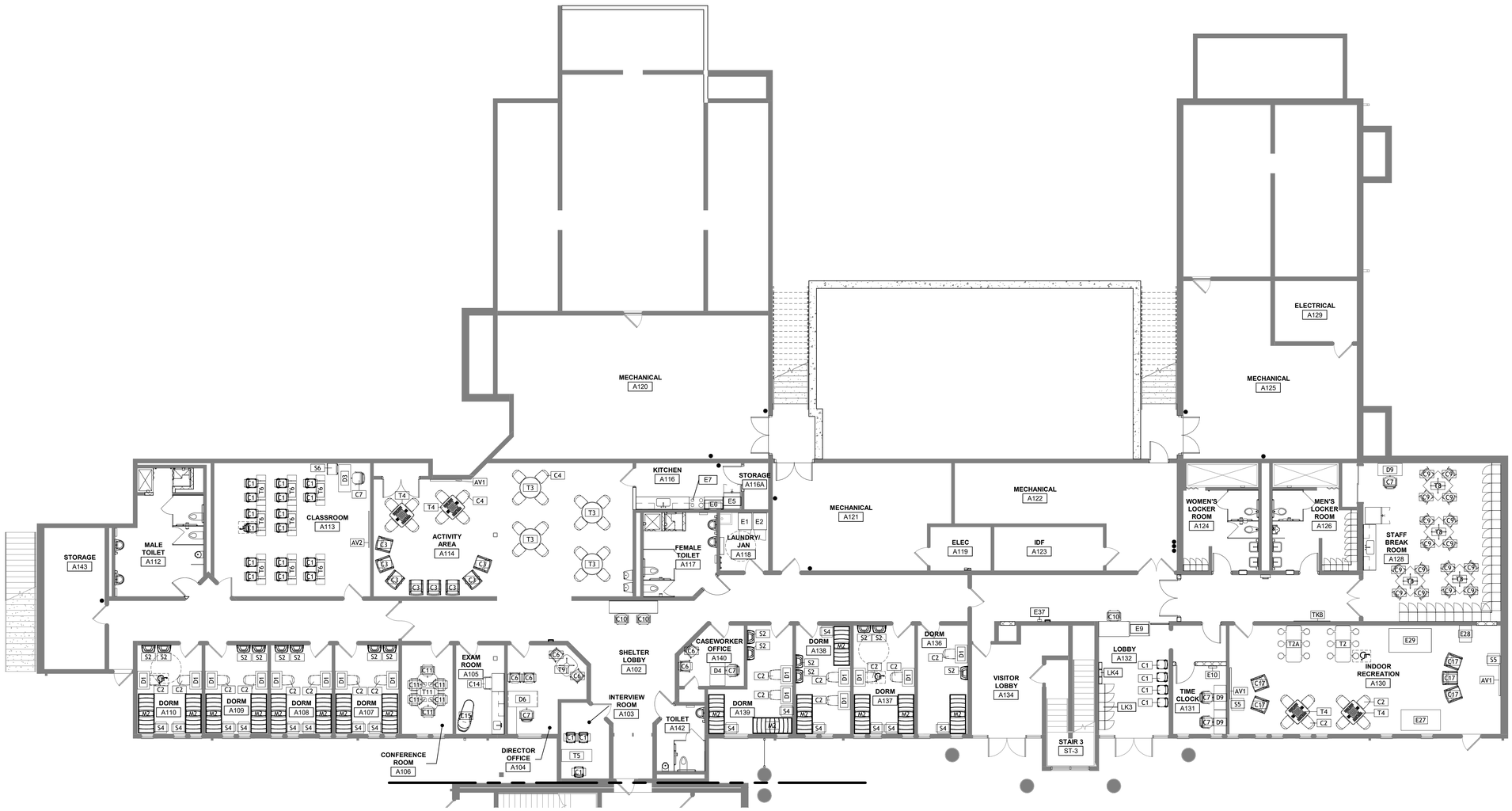

1 PARTIAL FIRST FLOOR FURNITURE PLAN - AREA A
SCALE: 1/8" = 1'-0"

10/9/2026 12:32:12 AM

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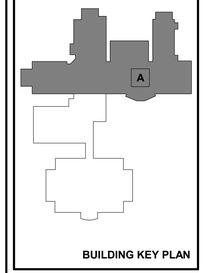

BUILDING KEY PLAN

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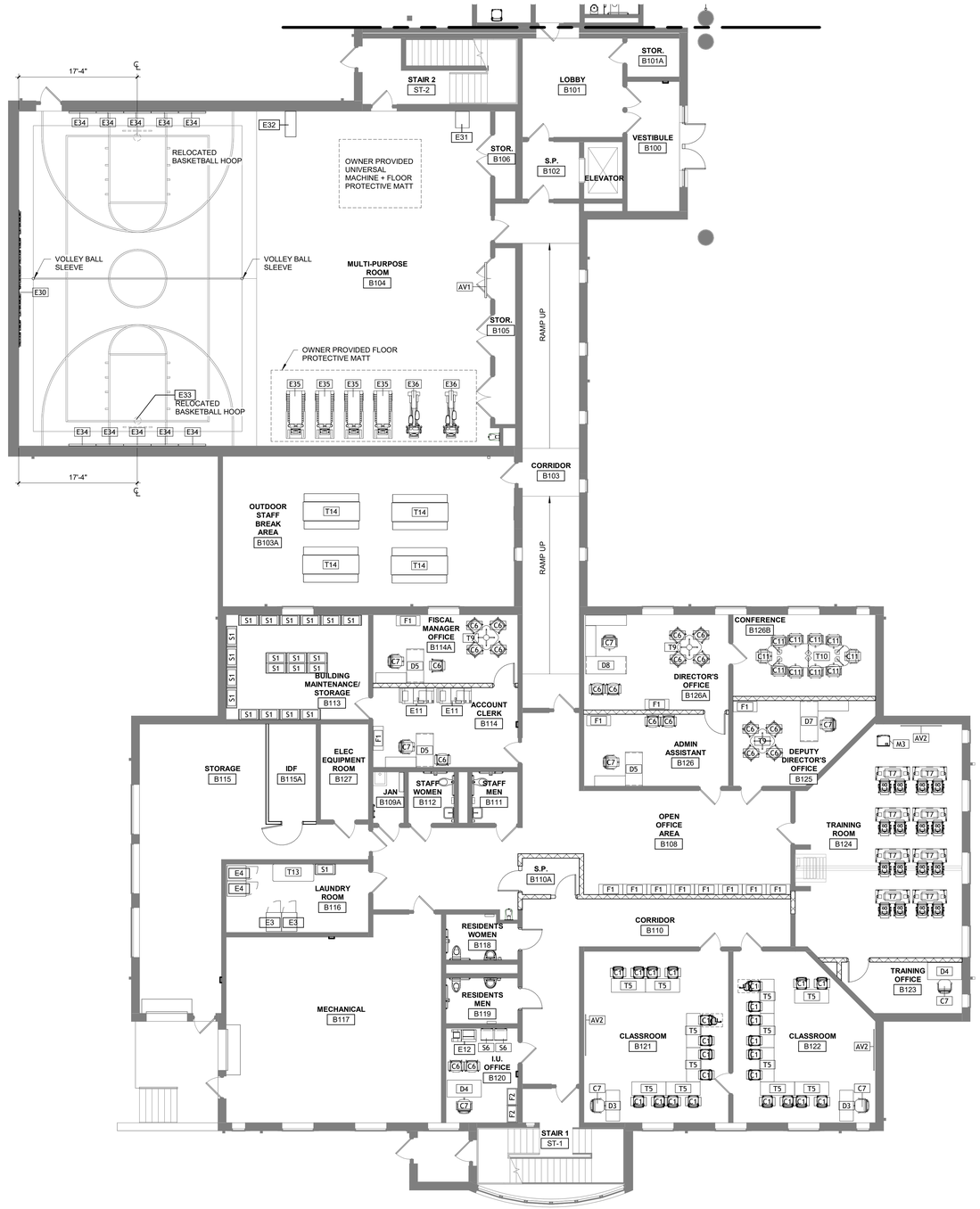
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL FIRST FLOOR FURNITURE + EQUIPMENT PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-851
Drawn By: MML	Checked By: APL



1 PARTIAL FIRST FLOOR FURNITURE PLAN - AREA B
SCALE: 1/8" = 1'-0"

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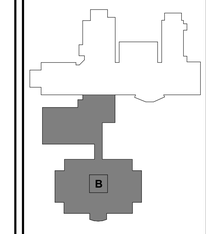

BUILDING KEY PLAN

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THE COUNTY OF BERKS

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LEESPORT, PA 19533

No.	Date	Issue or Revision
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Drawing Title
PARTIAL FIRST FLOOR FURNITURE + EQUIPMENT PLAN - AREA B

Scale	USA Project No.
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Drawing Date: 10.05.26	Drawing No.: A-852
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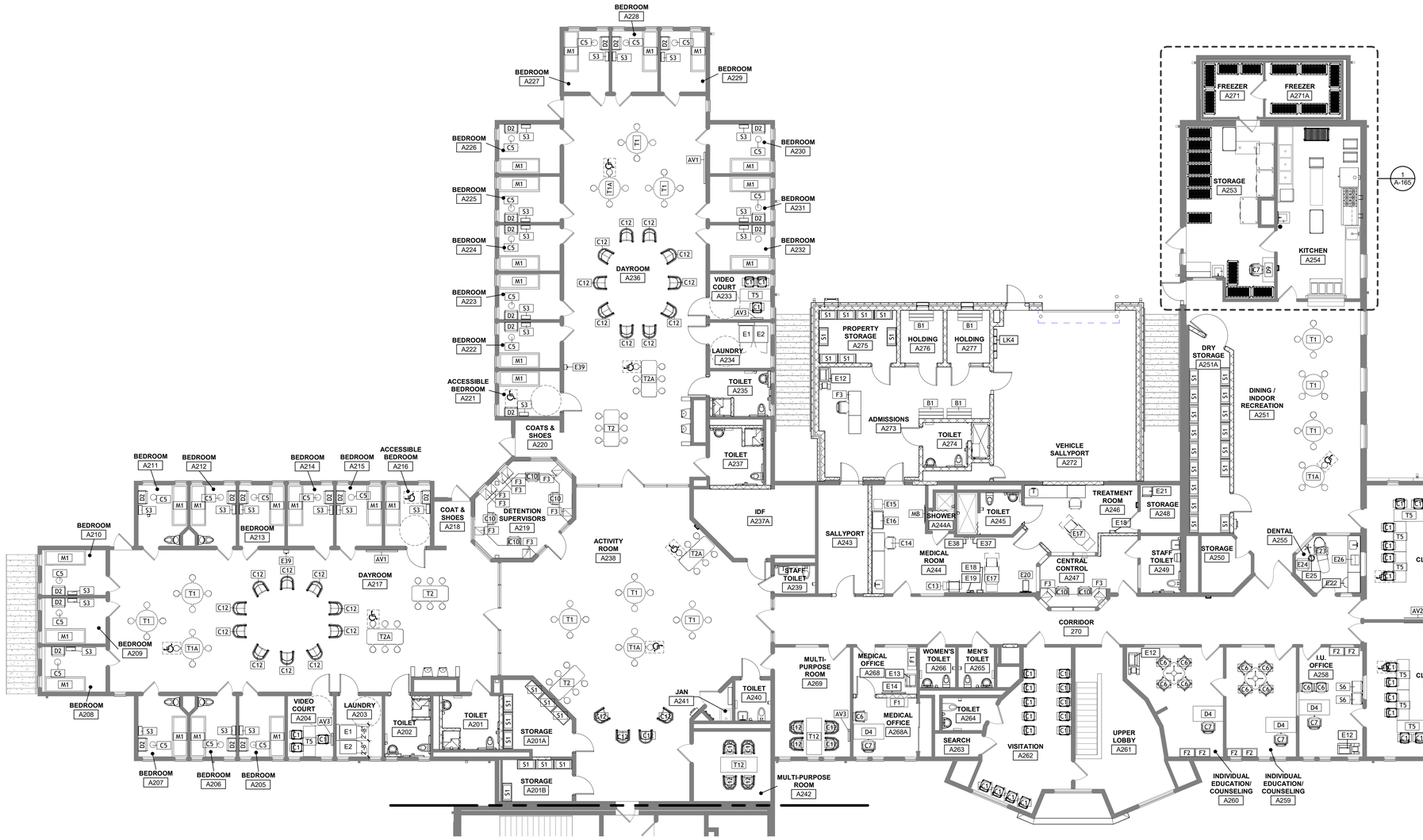

1 PARTIAL SECOND FLOOR FURNITURE PLAN - AREA A
SCALE: 1/8" = 1'-0"

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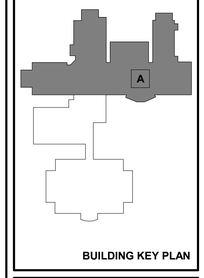

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

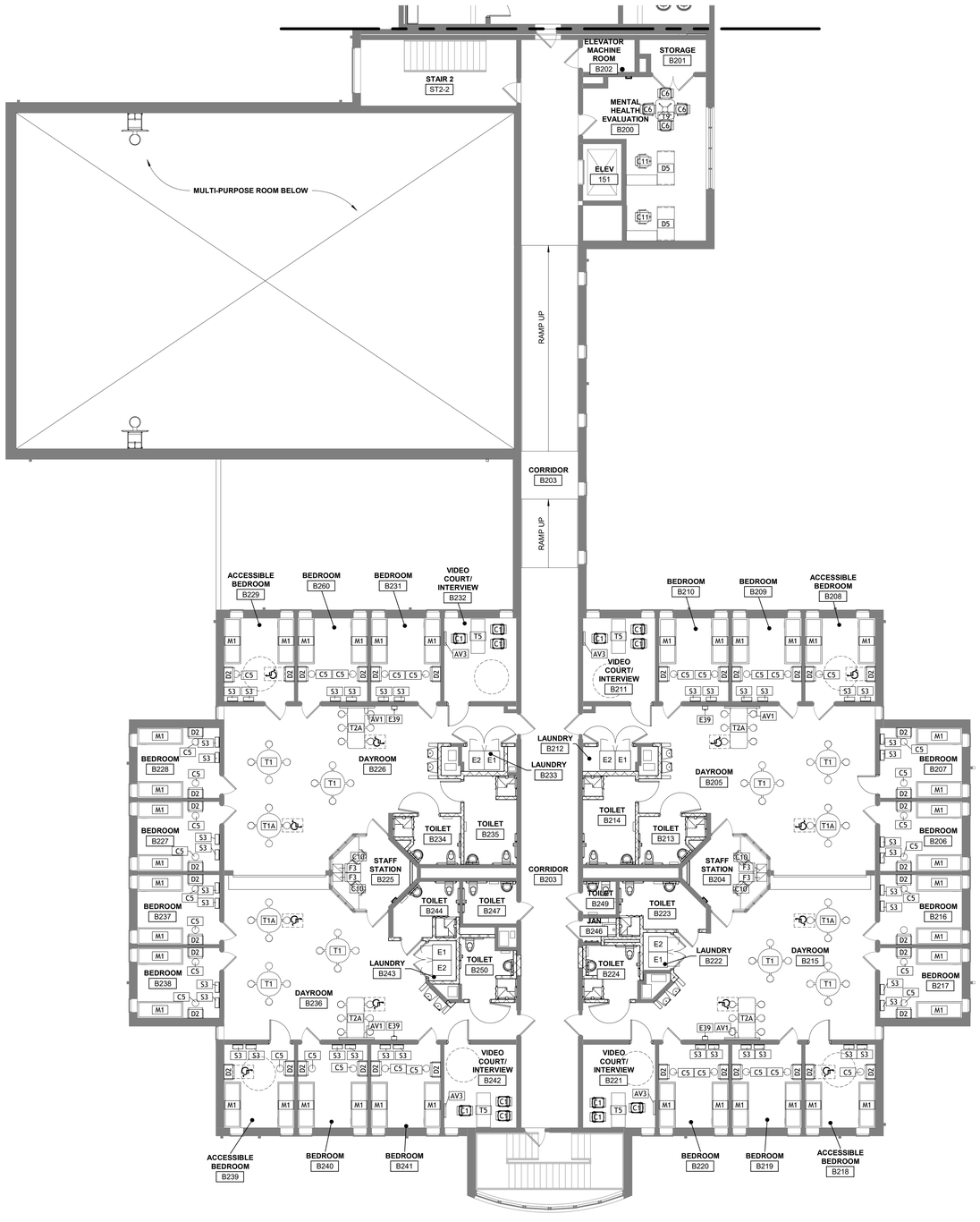
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
PARTIAL SECOND FLOOR FURNITURE + EQUIPMENT PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-853
Drawn By: MML	Checked By: APL

10/9/2026 12:32:29 AM



1 PARTIAL SECOND FLOOR FURNITURE PLAN - AREA B
SCALE: 1/8" = 1'-0"

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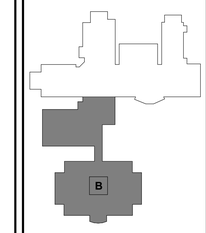

BUILDING KEY PLAN

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RENOVATIONS AND ADDITION

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

PARTIAL SECOND FLOOR FURNITURE + EQUIPMENT PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: A-854
Drawn By: MML	Checked By: APL

10/9/2026 12:32:33 AM

SYMBOL KEY/LEGEND

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

- NEW COLUMN GRID LINE
- EXISTING COLUMN GRID LINE
- MOMENT CONNECTION
- INDICATES SPAN OF METAL DECK. DECK SPANS PERPENDICULAR TO FRAMING UNLESS OTHERWISE NOTED.
- SECTION NUMBER
- SECTION SHEET LOCATION
- DROP-IN FRAME FOR OPENING IN ROOF CONSTRUCTION

ABBREVIATIONS

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

ADJ.	ADJUSTMENT	E.W.	EACH WAY	O.C.	ON-CENTER
ALT.	ALTERNATIVE	EXP.	EXPANSION	℄	PLATE
ATTACH.	ATTACHMENT	E.J.	EXPANSION JOINT	PSF	POUNDS PER SQUARE FOOT
BOTT.	BOTTOM	EXT.	EXTENSION	PSI	POUNDS PER SQUARE INCH
BLDG.	BUILDING	FIN.	FINISH	R.A.	ROOF DRAIN
BM.	BEAM	FT.	FOOT/FEET	REINF.	REINFORCING
CANT.	CANTILEVER	FTG.	FOOTING	REQ'D	REQUIRED
℄	CENTERLINE	H	HANGER	S.C.	SLIP CONNECTION
CLR.	CLEAR	H.P.	HIGH POINT	S.O.G.	SLAB-ON-GRADE
CA; C.A.	COLUMN ABOVE	HOR.; HORIZ.	HORIZONTAL	SPL.	SPLICE
CB; C.B.	COLUMN BELOW	HSB; H.S.B.	HIGH STRENGTH BOLT	SP.	SPACING
COL.	COLUMN	IN.	INCH, INCHES	SQ.	SQUARE
CONC.	CONCRETE	JT.	JOINT	SYM.	SYMMETRY
CONN.	CONNECTION	LBS.	POUNDS	T & B	TOP AND BOTTOM
CONT.	CONTINUOUS	LLH; L.L.H.	LONG LEG HORIZONTAL	THK.	THICKNESS
DIA.;	DIAMETER	LLV; L.L.V.	LONG LEG VERTICAL	T.O.J.	TOP OF JOIST
DWG.	DRAWING	L.P.	LOW POINT	T.O.S.	TOP OF STEEL
EA.	EACH	LOC'N(S)	LOCATION(S)	TYP.	TYPICAL
E.F.	EACH FACE	MAX.	MAXIMUM	U.O.N.	UNLESS OTHERWISE NOTED
EL.; ELEV.	ELEVATION	MID.	MIDDLE	VERT.	VERTICAL
E.O.D.	EDGE OF DECK	MIN.	MINIMUM	W.W.F.	WELDED WIRE FABRIC
E.O.S.	EDGE OF SLAB	NO.	NUMBER		
EQ.	EQUALLY	N.T.S.	NOT TO SCALE		

GENERAL INFORMATION

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. "LOADS" INDICATED IN THE DESIGN LOAD CRITERIA TABLE ARE THOSE USED IN DESIGN OF THE BUILDING SUPERSTRUCTURE.
2. DESIGN LOADS AND CRITERIA USED IN THE DESIGN OF SPECIALTY STRUCTURAL SYSTEMS (i.e. CURTAINWALL, FIRESTAIRS, COLD-FORMED METAL FRAMING, ARCHITECTURAL PRECAST CONCRETE, METAL PANELS, ETC.) ARE TO BE DETERMINED BY A THIRD PARTY ENGINEER CONTRACTED BY THE SPECIALTY STRUCTURAL SYSTEM MANUFACTURER IN ACCORDANCE WITH CODE REQUIREMENTS OF THE GOVERNING JURISDICTION. THE SPECIALTY STRUCTURAL ENGINEER IS RESPONSIBLE FOR ALL CONNECTIONS OF THESE SYSTEMS TO THE SUPERSTRUCTURE, INCLUDING, BUT NOT LIMITED TO, ENGINEERING, DETAILING, AND INSTALLATION. IF ALTERATION TO THE SUPERSTRUCTURE IS REQUIRED AS DETERMINED BY THE E.O.R. TO REINFORCE FOR HIGH CONCENTRATED FORCES APPLIED BY THE SPECIALTY SYSTEM CONNECTION, THE REINFORCEMENT AND COST SHALL BE BORNE BY THE SPECIALTY SUBCONTRACTOR AND SHALL BE CONSIDERED A PART OF THE SPECIALTY CONNECTION.
3. ALL DETAILS MARKED "TYPICAL" IN THE SET OF STRUCTURAL DRAWINGS SHALL BE APPLIED THROUGHOUT THE PROJECT AS REQUIRED TO SATISFY THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL COORDINATE REQUIREMENTS FOR QUANTITY AND LOCATION WHERE THE "TYPICAL" DETAILS APPLY.
4. FAILURE ON THE PART OF THE CONTRACTOR TO REVIEW THE DRAWINGS OF OTHER DISCIPLINES (i.e. ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, ETC.) TOGETHER WITH THE FULL EXTENT OF THE PROJECT SPECIFICATIONS DOES NOT RELIEVE THEM OF THE RESPONSIBILITY TO FURNISH AND INSTALL ITEMS THAT ARE PART OF THEIR WORK AS INDICATED BY THE DRAWINGS AND SPECIFICATIONS OF OTHER TRADES. ALL STRUCTURAL TRADE CONTRACTORS AND SUBCONTRACTORS ARE PROHIBITED FROM EXCLUDING STRUCTURAL WORK FROM THEIR CONTRACT NOT SHOWN IN THE STRUCTURAL DRAWINGS.
5. THE STRUCTURAL DRAWINGS FOR THIS PROJECT ARE NOT ISSUED FOR BID OR CONSTRUCTION UNLESS THE INDIVIDUAL SHEETS ARE IDENTIFIED AS "ISSUED FOR BID" OR "ISSUED FOR CONSTRUCTION."
6. THESE DRAWINGS DO NOT INCLUDE INFORMATION PERTAINING TO WEATHERPROOFING OR DRAINAGE OF STORM WATER, SUBSURFACE WATER, INTERIOR SURFACES, OR ANY OTHER AREAS THAT MAY BE IN CONTACT WITH WATER OR FLUIDS OF ANY KIND. ALL TREATMENTS OF SURFACES INCLUDING PITCH, SLOPE, FINISHES, WATERPROOFING, ETC. AND CONVEYANCE OF ANY FLUIDS AWAY FROM THE STRUCTURE IS INDICATED ELSEWHERE IN THE CONTRACT DOCUMENTS. STRUCTURAL SLABS, BALCONIES, PITS, STAIRS ROOFS, WALLS, AND MEMBERS DEPICTED ON THE PLANS, SECTIONS, AND DETAILS ARE SHOWN FOR THE SOLD PURPOSE OF COMMUNICATING STRUCTURAL INFORMATION AND MAY NOT BE ACCURATE REGARDING THE INTENT OF HOW FLUIDS FLOW AROUND AND AWAY FROM THE STRUCTURE. ANY INFORMATION SHOWN ON THE STRUCTURAL DRAWINGS RELATED TO SYSTEMS THAT CONTROL FLUID FLOW AGAINST THE STRUCTURAL ELEMENTS IS DIAGRAMMATIC AND MUST BE CONFIRMED WITH THE FULL REQUIREMENTS OF THE BUILDING CODE AND THE CONTRACT DOCUMENTS.

EXISTING CONDITIONS GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. DIMENSIONS AND ELEVATIONS OF EXISTING CONDITIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE BASED ON LIMITED AVAILABLE INFORMATION CONTAINED IN EITHER VARIOUS ORIGINAL DESIGN AND CONSTRUCTION DOCUMENTS OR FIELD SURVEY. ACTUAL FIELD CONDITIONS NEED TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO THE START OF WORK.
2. THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS BY ACTUAL MEASUREMENT PRIOR TO BEGINNING WORK, AND WHEN FEASIBLE, PRIOR TO SHOP DRAWING SUBMITTALS. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE SAID DISCREPANCIES WITH ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS.
3. DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH ARE NOT KNOWN OR ARE AT VARIANCE WITH THE PROJECT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL UNFORESEEN AND DEVIATING CONDITIONS INCLUDING, BUT NOT LIMITED TO: SIZES OR DIMENSIONS OTHER THAN THOSE SHOWN, DAMAGE OR DETERIORATION TO MATERIALS AND COMPONENTS AND CONDITIONS OF INSTABILITY OR LACK OF SUPPORT.
4. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AND MAKE SAFE ALL EXISTING BUILDING CONSTRUCTION AND/OR ADJACENT PROPERTY AS PROJECT CONDITIONS REQUIRE. DESIGN OF TEMPORARY SHORING AND BRACING SHALL BE PERFORMED AND OVERSEEN BY A LICENSED ENGINEER EMPLOYED BY THE CONTRACTOR.
5. WHERE NEW CONSTRUCTION IS REQUIRED TO SUPPORT THE EXISTING FRAMING AND/OR CONSTRUCTION THE CONTRACTOR IS TO ENSURE ALL EXISTING FRAMING IS SHORED AND BRACED PRIOR TO INSTALLATION OF THE NEW STRUCTURAL SUPPORT SYSTEM.

SITE PREPARATION GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. THE SURFACE OF THE EXPOSED SUB-GRADE SHALL BE INSPECTED BY PROBING OR TESTING TO CHECK FOR POCKETS OF SOFT OF UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE ON-SITE GEOTECHNICAL ENGINEER AND/OR TESTING AGENCY.
2. FILL ALL EXCAVATED AREAS WITH APPROVED CONTROLLED FILL. PLACE IN 8 INCH MAXIMUM LOOSE LIFTS AND COMPACT TO A MINIMUM OF 98% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557 AND/OR ASTM D-698 PER THE GEOTECHNICAL SOILS REPORT RECOMMENDATIONS.
3. ALL CONTROLLED FILL MATERIAL SHALL BE A SELECT GRANULAR MATERIAL FREE FROM ALL ORGANICS OR OTHERWISE DELETERIOUS MATERIAL WITH NOT MORE THAN 20% BY WEIGHT PASSING A NO. 200 SIEVE (CLASSIFIED AS SC, SM, SP OR BETTER IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM) AND WITH A PLASTICITY INDEX NOT EXCEEDING 6%.
4. PROVIDE FIELD DENSITY TESTS FOR EACH 3,000 S.F. OF BUILDING AREA FOR EACH LIFT OF CONTROLLED FILL.
5. EXCAVATIONS SHALL BE KEPT DRY BY PUMPING UNTIL UNDERGROUND CONSTRUCTION IS COMPLETE.
6. LOOSENED BEARING SOILS SHALL BE RECOMPACTED WITH A SMALL VIBRATORY PLATE COMPACTOR PRIOR TO PLACEMENT OF REINFORCING BARS.
7. ALL FOUNDATION EXCAVATIONS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO CONCRETE PLACEMENT. ALL SOFTENED OR OTHERWISE UNSUITABLE BEARING MATERIALS SHALL BE REMOVED AND REPLACED WITH LOAD-BEARING FILL OR WITH LEAN CONCRETE (2000 PSI).
8. THE CONTRACTOR SHALL LAYOUT THE ENTIRE BUILDING AND FIELD VERIFY ALL DIMENSIONS PRIOR TO EXCAVATION.

CAST-IN-PLACE CONCRETE GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING SHALL APPLY)

1. CONCRETE WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE AMERICAN CONCRETE INSTITUTE ACI 318 (LATEST EDITION).
2. UNLESS OTHERWISE INDICATED ON DRAWINGS CAST-IN-PLACE CONCRETE SHALL DEVELOP A STRENGTH OF 4,000 PSI (FOUNDATION WALLS, RETAINING WALLS AND FOOTINGS); 4,000 PSI (SLAB ON GRADE, EXTERIOR SLABS AND CURBS) AT 28 DAYS.
3. REINFORCEMENT SHALL BE DEFORMED BARS ASTM DESIGNATION A-615, GRADE 60.
4. CONCRETE PROTECTION FOR REINFORCEMENT SHALL CONFORM TO LATEST ACI SPECIFICATION.
5. TEMPERATURE REINFORCING SHALL BE SUFFICIENTLY EMBEDDED TO DEVELOP FULL STRENGTH IN CONCRETE WALLS AND SLABS.
6. PROVIDE ADEQUATE TIES FOR REINFORCEMENT IN SLABS, BEAMS, PIERS AND WALLS. REINFORCEMENT TO BE HELD AT CORRECT DISTANCE FROM FORMS AND EARTH BY STEEL CHAIRS OR TIES.
7. FOLLOW CRSI RULES FOR PLACING OF REINFORCING STEEL AND ACCESSORIES.
8. NO CONCRETE SHALL BE CAST UNTIL THE PRELIMINARY TESTS REQUIRED HAVE BEEN MADE, REPORTS THEREOF FILED WITH THE ENGINEER, AND APPROVED. THE CONTROLLED CONCRETE TO BE USED SHALL CONFORM TO THE APPROVED DESIGN MIX OBTAINED AS A RESULT OF THE PRELIMINARY TESTS. THE USE OF ANY ADDITIVES NOT PRESENT IN THE PRELIMINARY TEST MIX IS PROHIBITED.
9. REPRESENTATIVE TEST CYLINDERS WILL BE TAKEN FROM THE CONCRETE PLACED EACH DAY IN ACCORDANCE WITH CONCRETE SPECIFICATIONS.
10. WELDED WIRE FABRIC SHALL HAVE A MINIMUM ULTIMATE STRENGTH OF 70,000 PSI AND SHALL CONFORM TO ASTM A-185 AND A-497.
11. MESH SHALL BE SPLICED SO THAT THE OVERLAP BETWEEN OUTERMOST CROSS WIRES OF EACH SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRES PLUS TWO INCHES, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.
12. THIS CONTRACTOR SHALL COOPERATE WITH OTHER TRADES AND WHERE REQUIRED INSTALL ALL BUILT-IN WORK, SLEEVES, INSERTS, ETC., AS REQUIRED FOR A COMPLETE JOB.
13. STRUCTURAL MEMBERS SHALL BE POURED FOR THEIR FULL DEPTHS IN ONE OPERATION. CONSTRUCTION JOINTS SUCH AS A DAY'S POUR JOINTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE SPAN, MAIN REINFORCING TO RUN THROUGH THE JOINT, KEY AND ROUGHEN JOINTS TO EXPOSE AGGREGATE FOR CHEMICAL BOND.
14. NO HORIZONTAL JOINTS SHALL BE PLACED IN WALLS EXCEPT AS SHOWN ON THE DRAWINGS, WITHOUT THE APPROVAL OF THE ENGINEER.
15. LOCATION OF CUTOFF POINTS FOR CONCRETE BEAM REINFORCEMENT SHALL BE AS SHOWN ON TYPICAL DETAILS.
16. PROVIDE 100% CONTINUITY OVER SUPPORTS FOR CONTINUOUS SLABS AND BEAMS.
17. PROVIDE TWO #5 BARS AT REENTRANT CORNERS AND AROUND OPENINGS IN ANY CONCRETE WALL, BEAM, SLAB, GRADE BEAM OR MASONRY BEARING WALL.
18. PROVIDE POCKETS IN WALLS FOR COLUMNS, BEAMS AND SLABS.
19. MINIMUM BEARING ON WALL OR BEAMS 4" FOR SLABS, 8" FOR BEAMS (UON).
20. TOP ELEVATION OF SLABS SHALL VARY ACCORDING TO FINISH FLOOR MATERIAL. SEE ARCHITECTURAL DRAWINGS.
21. IN ANY APPROVED CONSTRUCTION JOINT, PROVIDE 2" x 4" KEY AND 48 BAR DIAMETER LAP (16" MIN) OF REINFORCING, EXCEPT FOR SLABS-ON-GRADE.
22. SLAB-ON-GRADE SHALL BE POURED IN STRIPS. THE STRIP SHALL BE ONE COLUMN BAY WIDE AND THE CONTROL JOINTS IN SLABS ON GRADE SHALL HAVE MAXIMUM SPACING OF 36xSLAB THICKNESS (IN INCHES) IN EITHER DIRECTION.
23. BACKFILL TO BE PLACED IN ACCORDANCE WITH THE SITE PREPARATION NOTES.
24. PROVIDE PRECAST LINTELS FOR OPENINGS OR RECESSES IN BLOCK WALLS WHERE NO SPECIFIC LINTEL IS NOTED. LINTELS SHALL HAVE 8" MINIMUM BEARING EACH END. WHERE STRUCTURAL MEMBERS INTERFERE WITH BEARING, PROVIDE CONNECTION TO MEMBER.
25. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS IN ROOF, FLOORS AND WALLS NOT SHOWN ON STRUCTURAL DRAWINGS.

FOUNDATION DESIGN AND CONSTRUCTION CRITERIA

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. FOUNDATION DESIGN CRITERIA IS TAKEN FROM THE GEOTECHNICAL ENGINEERING SOILS REPORT BY EARTH ENGINEERING INCORPORATED DATED MARCH 12, 2026. REFERENCE THE PROJECT MANUAL FOR THE GEOTECHNICAL SOILS REPORT.
2. FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE SOIL BEARING CAPACITY OF 1.5 TONS PER SQUARE FOOT (3,000 PSF) PER RECOMMENDATIONS OF THE GEOTECHNICAL SOILS REPORT.
3. MINIMUM DEPTH PER THE SOILS REPORT REQUIRED FOR FROST PROTECTION TO BOTTOM OF FOUNDATION =(-3'-0"). APPLIES TO ALL PERIMETER WALL FOOTINGS, GRADE BEAMS & ISOLATED EXTERIOR COLUMN FOOTINGS/PILE CAPS.
4. BACKFILL SHALL BE BROUGHT UP EQUALLY ON BOTH SIDES OF FOUNDATION WALLS UNTIL THE FINAL ELEVATION IS ACHIEVED. VARIATIONS SHALL NOT EXCEED 2'-0" BETWEEN BACKFILL ELEVATIONS ON EITHER SIDE WITHOUT ENGINEER'S APPROVAL.
5. WHEN STEPPING WALL FOUNDATIONS THE MAXIMUM STEP SHALL BE ONE VERTICALLY TO TWO HORIZONTALLY WHERE ELEVATIONS CHANGE.
6. LOCATIONS OF FOOTING STEPS SHOWN ON THE FOUNDATION PLAN ARE APPROXIMATE. THE GENERAL CONTRACTOR SHALL FIELD VERIFY EXACT GRADE LOCATIONS AROUND THE BUILDING AND LOCATE ANY FOOTING STEPS ACCORDINGLY IN ORDER TO MAINTAIN A PROPER FROST DEPTH COVER AT ALL LOCATIONS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

SHORING AND BRACING NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. CONTRACTOR SHALL PROVIDE LAYOUT DRAWINGS AND CALCULATIONS FOR SHORING AND BRACING SYSTEM AND OTHER DATA, AS REQUIRED, PREPARED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF PENNSYLVANIA. SUBMIT TO ARCHITECT ONE WEEK PRIOR TO THE START OF WORK.
2. SHORING AND BRACING SHALL COMPLY WITH THE LOCAL BUILDING CODE AND ORDINANCES OF THE LOCAL GOVERNING AUTHORITIES.
3. INSPECTION FOR STRUCTURAL STABILITY SHALL BE PROVIDED BY AN APPROVED LICENSED ENGINEER EMPLOYED BY THE CONTRACTOR, AS REQUIRED BY LOCAL GOVERNING AUTHORITIES.
4. SUBMIT WEEKLY FIELD OBSERVATION REPORTS TO ARCHITECT DURING THE DURATION OF THE SHORING OPERATION.
5. BENCHMARKS ARE TO BE ESTABLISHED BEFORE EXCAVATIONS AND RESURVEYED WEEKLY BY A LICENSED LAND SURVEYOR EMPLOYED BY THE CONTRACTOR.
6. BRACING SHALL BE LOCATED TO CLEAR NEW CONSTRUCTION AND OTHER PERMANENT WORK.
7. MAINTAIN SHORING AND BRACING UNTIL STRUCTURAL ELEMENTS ARE REBRACED BY OTHER BRACING OR UNTIL PERMANENT CONSTRUCTION IS IN PLACE.

TENSION DEVELOPMENT AND LAP SPLICE LENGTH

		CONCRETE STRENGTH f'c = 4,000 PSI			
BAR SIZE	LAP CLASS	TOP BARS		OTHER BARS	
		CASE 1	CASE 2	CASE 1	CASE 2
# 3	A	19	28	15	22
	B	24	36	19	28
# 4	A	25	37	19	29
	B	32	48	25	37
# 5	A	31	47	24	36
	B	40	60	31	47
# 6	A	37	56	29	43
	B	48	72	37	56
# 7	A	54	81	42	63
	B	70	106	54	81
# 8	A	62	93	48	71
	B	80	121	62	93
# 9	A	70	105	54	81
	B	91	136	70	105

SCHEDULE GENERAL NOTES:

1. TABLE SHALL BE USED FOR UNCOATED REINFORCING BAR ONLY.
2. ALL LENGTHS IN THE SCHEDULE ARE IN INCHES.
3. USE LAP CLASS "B" UNLESS CLASS "A IS SPECIFIED FOR A PARTICULAR SITUATION ELSEWHERE AS INDICATED ON THE DRAWINGS.
4. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE COVER BELOW THE BAR CAST AT THE SAME TIME AS THE OONCRETE DIRECTLY SURROUNDING THE BAR.
5. CASE 1 AND CASE2 ARE DEFINED AS THE FOLLOWING:
   - 5.1. BEAMS AND COLUMNS:
     - 5.1.1. CASE 1: CONCRETE COVER AT LEAST 1.0 x ØBAR AND C-C SPACING AT LEAST 2.0 x ØBAR.
     - 5.1.2. CASE 2: CONCRETE COVER LESS THAN 1.0 x ØBAR OR C-C SPACING LESS THAN 2.0 x ØBAR.
   - 5.2. ALL OTHERS:
     - 5.2.1. CASE 1: CONCRETE COVER AT LEAST 1.0 x ØBAR AND C-C SPACING LESS THAN 3.0 x ØBAR.
     - 5.2.2. CASE 2: CONCRETE COVER LESS THAN 1.0 x ØBAR OR C-C SPACING LESS THAN 3.0 x ØBAR.

sched_tension_splice-01.dwg

POST-INSTALLED ANCHOR GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. EXCEPT WHERE INDICATED ON THE DRAWINGS, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC. CONTACT HILTI AT (800)879-8000 FOR PRODUCT RELATED QUESTIONS.
2. ANCHOR TYPES:
   - 2.1. ANCHORAGE TO CONCRETE:
     - ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
       - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW HIT-Z ROD PER ICC ESR-3187
       - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH HAS-E THREADED ROD PER ICC ESR-3187
       - HILTI HIT-RE 500 -SD EPOXY ADHESIVE ANCHORING SYSTEM WITH HAS-E THREADED ROD PER ICC ESR-2322 FOR SLOW CURE APPLICATIONS
     - MEDIUM DUTY MECHANICAL ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
       - HILTI KWIK HUS EZ AND KWIK HUS EX-I SCREW ANCHORS PER ICC ESR-3027.
       - HILTI KWIK BOLT-TZ EXPANSION ANCHORS PER ICC ESR-1917
       - HILTI KWIK BOLT 3 EXPANSION ANCHORS (UNCRACKED CONCRETE ONLY) PER ISS ESR-2302
     - HEAVY DUTY MECHANICAL ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
       - HILTI HDA UNDERCUT ANCHORS PER ICC ESR-1546
       - HILTI HSL-3 EXPANSION ANCHORS PER ICC ESR-1545
   - 2.2 REBAR DOWELING INTO CONCRETE:
     - ADHESIVE ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
       - HILTI HIT-HY 200 SAFE SET SYSTEM WITH HILTI HOLLOW DRILL BIT SYSTEM WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-3187
       - HILTI HIT-RE 500-SD EPOXY ADHESIVE ANCHORING SYSTEM WITH CONTINUOUSLY DEFORMED REBAR PER ICC ESR-2322
   - 2.3 ANCHORAGE TO SOLID GROUTED MASONRY:
     - ADHESIVE ANCHORS USE:
       - HILTI HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM
       - STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR
     - MECHANICAL ANCHORS USE:
       - HILTI KWIK BOLT-3 EXPANSION ANCHORS PER ICC ESR-1385
   - 2.4 ANCHORAGE TO HOLLOW / MULTI-WYTHE MASONRY:
     - ADHESIVE ANCHORS USE:
       - HILTI HIT-HY 270 MASONRY ADHESIVE ANCHORING SYSTEM PER ICC ESR-3342
       - STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR
       - THE APPROPRIATE SIZE SCREEN TUBE SHALL BE USED PER ADHESIVE MANUFACTURER'S RECOMMENDATION.
3. ANCHOR CAPACITY USED IN DESIGN SHALL BE BASED ON THE TECHNICAL DATA PUBLISHED BY HILTI OR SUCH OTHER METHOD AS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING THE PERFORMANCE VALUES OF THE SPECIFIED HILTI PRODUCT. SUBSTITUTIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERVICE TEMPERATURE AND INSTALLATION TEMPERATURE.
4. INSTALL ANCHORS PER THE MANUFACTURERS INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
5. OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFI SYSTEM.
6. THE CONTRACTOR SHALL ARRANGE ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THEIR ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO WILL INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLING ANCHORS.
7. ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.
8. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS OTHERWISE NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS, HILTI PS 200 FERROSCAN, HILTI PS 1000 X-SCAN, GPR SCAN, X-RAY, CHIPPING OR OTHER MEANS. DESTRUCTIVE INVESTIGATIVE METHODS MUST BE APPROVED BY THE ARCHITECT/ENGINEER OF RECORD.

DESIGN INFORMATION

2021 INTERNATIONAL BUILDING CODE

SEISMIC DESIGN DATA

SEISMIC DESIGN (PER ASCE 7-16 Chapters 11 - 17 AS INDICATED IN 2021 IBC SECTION 1613)

- IBC OCCUPANCY CATEGORY = III
- SEISMIC IMPORTANCE FACTOR (Ie) = 1.25
- ANALYSIS PROCEDURE = EQUIVALENT LATERAL FORCE PROCEDURE
- SITE CLASS = D (BASED ON THE SITE SPECIFIC SOILS REPORT)
- PLAN STRUCTURAL IRREGULARITIES = NO
- VERTICAL STRUCTURAL IRREGULARITIES = NO
- RESPONSE MODIFICATION FACTOR (Rw) = 2.00; Ct = 0.020
- TYPE OF LATERAL SYSTEM: ORDINARY REINFORCED MASONRY SHEAR WALLS
- 0.2 SPECTRAL RESPONSE ACCELERATION (S_s) = 0.167
- 1.0 SPECTRAL RESPONSE ACCELERATION (S_1) = 0.046
- DAMPED DESIGN SPECTRAL RESPONSE (S_{DS}) = 0.178 ACCELERATION (SHORT PERIOD)
- DAMPED DESIGN SPECTRAL RESPONSE (S_{D1}) = 0.074 ACCELERATION (1-second PERIOD)
- SEISMIC DESIGN CATEGORY = B

WIND LOAD

WIND DESIGN (PER ASCE 7-16 Chapters 6 AS INDICATED IN 2021 IBC SECTION 1609)

- BASIC DESIGN WIND SPEED (V_{ULT}) = 120 MPH
- ALLOWABLE STRESS DESIGN WIND SPEED (V_{ASD}) = 93 MPH
- RISK CATEGORY = III
- EXPOSURE CATEGORY = C
- GUST EFFECTIVE FACTOR (G) = 0.85
- INTERNAL PRESSURE COEFFICIENT (GCpi) = ±0.18
- VERTICAL SURFACE WIND PRESSURES (COMPONENTS & CLADDING)
  EFFECTIVE WIND AREA = 50 SQ. FT. (ASSUMED)
  INTERIOR ZONE (ZONE 4): + 24 PSF/ -26 PSF
  EXTERIOR ZONE (ZONE 5): + 24 PSF/ -30 PSF

SNOW LOAD

SNOW DESIGN (PER ASCE 7-16 Chapters 7 AS INDICATED IN 2021 IBC SECTION 1608)

- GROUND SNOW LOAD (P_G) = 50 PSF
- FLAT ROOF SNOW LOAD (P_F) = 39 PSF
- SNOW EXPOSURE FACTOR (C_E) = 1.0
- SNOW IMPORTANCE FACTOR (Is) = 1.1
- SNOW THERMAL FACTOR (Ct) = 1.0

DESIGN LIVE LOADS

DESIGN LIVE LOADS (PER IBC SECTION 1607)

OCCUPANCY OR USE	PSF
STAIRS AND EXITS	100

MASONRY GENERAL NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. WALL DESIGN ALLOWABLE STRESSES ARE BASED ON "SPECIAL INSPECTION" REQUIREMENTS OF ACI 530.1/ ASCE 6 / TMS 602 LATEST EDITION. CONSTRUCTION OF WALLS MUST BE PERFORMED IN ACCORDANCE WITH REQUIREMENTS FOR LEVEL B QUALITY ASSURANCE GUIDELINES DEFINED BY ACI 530.
2. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C90 FOR LOAD BEARING UNITS. CMU SHALL BE NORMAL WEIGHT.
3. CMU BLOCK SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI ON THE NET AREA OF THE BLOCK.
4. MINIMUM f'm SHALL BE 1,500 PSI.
5. COMPRESSIVE STRENGTH OF THE GROUT SHALL BE A MINIMUM OF 3,000 PSI WITH A 8" TO 11" SLUMP AND COMPLY WITH REQUIREMENTS FOR FINE GROUT PER ASTM 476 (3/8" TO 1/2") MAXIMUM SIZE AGGREGATE DETERMINED IN ACCORDANCE WITH ASTM C1019.
6. MORTAR FOR STRUCTURAL MASONRY WALLS SHOWN ON THE PLANS SHALL BE TYPE S HIGH STRENGTH MORTAR CONFORMING TO ASTM C270. ALTERNATE MORTAR TYPES SHALL BE SUBMITTED FOR REVIEW AND COMMENT.
7. GROUTING PROCEDURES SHALL BE IN STRICT COMPLIANCE WITH RECOMMENDATIONS AS OUTLINED BY NCMA AND ACI.
8. BELOW GRADE: ALL CELLS FULLY GROUTED SOLID. ABOVE GRADE: CELLS RECEIVING REINFORCING SHALL BE FULLY GROUTED.
9. MASONRY UNITS SHALL BE LAID IN A RUNNING BOND PATTERN WITH FULL FACE SHELL MORTAR BEDS.
10. AREAS ADJACENT TO OPENINGS SHALL BE REINFORCED PER THE TYPICAL PILASTER DETAILS.
11. STARTING JOINT FOR ALL MASONRY SHALL BE LAID WITH FULL BED MORTAR COVERAGE.
12. MORTAR SHALL BE APPLIED TO CROSS WEBS OF CMU IN ADDITION TO HORIZONTAL AND VERTICAL E

WOOD FRAMING NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT ALLOWABLE STRESS REQUIREMENTS OF ALL MATERIAL SHALL BE IN ACCORDANCE WITH THE REFERENCE DESIGN VALUE PER THE CURRENT ADOPTION OF THE NATIONAL DESIGN SPECIFICATION OF WOOD CONSTRUCTION (NDS) (TABLE 4A) FOR THE MATERIAL SPECIFIED HEREIN.
2. ALL STUD AND WALL FRAMING SHALL BE EITHER OF THE FOLLOWING:
   A. NO. 2 GRADE SOUTHERN YELLOW PINE (SYP)
   B. NO. 2 GRADE SPRUCE-PINE-FIR (SPF)

   "STUD" GRADE MATERIAL IS STRICTLY PROHIBITED FROM USE
3. ALL JOIST, RAFTER & MISC. FRAMING SHALL BE NO. 2 GRADE, SOUTHERN PINE. PROVIDE FULL- DEPTH (OR METAL) BRIDGING AT MID-SPAN AND AT A MAXIMUM SPACING OF 8'-0" ON-CENTER IN BETWEEN.
4. ALL FRAMING EXPOSED TO THE WEATHER OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE-TREATED IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) SPECIFICATIONS. WHERE POSSIBLE, ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF 2% METALLIC COPPER IN SOLUTION (PER AWPA STANDARD M4).
5. THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOAD-BEARING APPLICATIONS. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" (NOMINAL) AND THICKER LUMBER SHALL BE LIMITED TO 1/2 OF THE NARROW FACE DIMENSION.
6. PROVIDE DOUBLE JOISTS UNDER ALL PARTITIONS WHICH RUN PARALLEL WITH JOISTS AND UNDER ALL CONCENTRATED LOADS FROM FRAMING ABOVE.
7. PROVIDE HEADER BEAMS OF THE SAME SIZE AS JOISTS OR RAFTERS TO FRAME AROUND OPENINGS IN THE PLYWOOD DECK UNLESS OTHERWISE INDICATED.
8. STRUCTURAL STEEL PLATE CONNECTORS SHALL CONFORM TO ASTM A36 SPECIFICATIONS AND BE 1/4" THICK UNLESS OTHERWISE INDICATED. BOLTS CONNECTING WOOD MEMBERS SHALL BE PER ASTM A307 AND BE 3/4" DIAMETER UNLESS OTHERWISE INDICATED. PROVIDE WASHERS FOR ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD SURFACES.
9. BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUGGED TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.
10. PREFABRICATED "MICRO-LAM" LUMBER HEADERS AND BEAMS SHALL BE AS MANUFACTURED BY "WEYERHAEUSER" (OR APPROVED EQUAL). MICRO-LAM MATERIAL SHALL BE A MINIMUM 2.0E. SOUTHERN PINE. DO NOT CUT OR NOTCH MICRO-LAM MATERIAL WITHOUT THE MANUFACTURER'S APPROVAL.
11. PREFABRICATED METAL JOIST HANGERS, HURRICANE CLIPS, HOLD-DOWN ANCHORS AND OTHER ACCESSORIES SHALL BE AS MANUFACTURED BY "SIMPSON STRONG-TIE COMPANY", TEL. 800-999-5099, OR APPROVED EQUAL. INSTALL ALL ACCESSORIES PER THE MANUFACTURER'S REQUIREMENTS. ALL STEEL SHALL HAVE A MINIMUM THICKNESS OF 0.04 INCHES (PER ASTM A446, GRADE A) AND BE GALVANIZED (COATING G60). HOLES AND NOTCHES DRILLED OR CUT INTO WOOD FRAMING SHALL NOT EXCEED THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE REQUIREMENTS. ALL PLATES, ANCHORS, NAILS, BOLTS, NUTS, WASHERS, AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED.
12. ALL HEADERS AND BEAMS TO HAVE MINIMUM (3) 2x6 JACK STUDS AT EACH END, UNLESS OTHERWISE NOTED.

PLYWOOD & GYPSUM SHEATHING NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. ALL PLYWOOD CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN PLYWOOD ASSOCIATION (APA) SPECIFICATIONS.
2. ALL ROOF PANEL SHEATHING SHALL BE 5/8" (NOMINAL) TYPE CDX. EXP. APA RATED SHEATHING. SUITABLE EDGE SUPPORT SHALL BE PROVIDED BY USE OF PANEL CLIPS OR BLOCKING BETWEEN FRAMING. UNLESS OTHERWISE NOTED CONNECT ROOF SHEATHING WITH 8d COMMON NAILS AT 6" ON-CENTER AT SUPPORTED PANEL EDGES AND 12" ON-CENTER AT INTERMEDIATE SUPPORTS.
3. ALL FLOOR SHEATHING SHALL BE 3/4" (NOMINAL) APA RATED STURD-I-FLOOR EXP. I. WITH TONGUE AND GROOVE EDGE. UNLESS OTHERWISE NOTED CONNECT FLOOR SHEATHING WITH 10d COMMON NAILS SPACED 6" ON-CENTER AT SUPPORTED EDGES AND 12" ON-CENTER AT INTERMEDIATE SUPPORTS. FIELD-GLUE USING ADHESIVES MEETING APA SPECIFICATION AFT-01 APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
4. ALL WALL PANEL SHEATHING SHALL BE 1/2" (NOMINAL) TYPE CDX. EXP. APA RATED SHEATHING. UNLESS OTHERWISE INDICATED, CONNECT WALL SHEATHING WITH 10d COMMON NAILS SPACED 6" ON-CENTER AT SUPPORTED PANEL EDGES AND 12" ON-CENTER AT INTERMEDIATE SUPPORTS.
5. INSTALL ALL PLYWOOD SHEATHING WITH THE LONG DIMENSION OF THE PANEL ACROSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. STAGGER PANEL END JOINTS. ALLOW 1/8" SPACING AT PANEL ENDS AND EDGES UNLESS OTHERWISE RECOMMENDED BY THE SHEATHING MANUFACTURER.
6. ALL NAILING SHALL BE CAREFULLY DRIVEN AND NOT OVERDRIVEN. THE USE OF STAPLES IS STRICTLY PROHIBITED.
7. PROVIDE 2x BLOCKING AT UNSUPPORTED PANEL EDGES FOR ALL FLOORS. ROOFS AND WALLS.

STUD CUTTING & NOTCHING NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. WALL FRAMING STUDS SHALL BE PLACED WITH THE WIDE DIMENSION PERPENDICULAR TO THE THE WALL.
2. NO LESS THAN THREE STUDS SHALL BE INSTALLED AT EACH CORNER OF AN EXTERIOR WALL.
3. DOUBLE TOP PLATES ARE TO HAVE A MINIMUM OF A 48" OVERLAPPING OFFSET.
4. ALL STUD WALLS ARE TO HAVE A 2x BOTTOM PLATE AND BE AS WIDE AS THE STUDS ABOVE.
5. NOTCHES IN SOLID LUMBER STUDS SHALL NOT EXCEED 25 PERCENT OF THE STUD DEPTH.
6. BORED HOLES SHALL NOT EXCEED 40 PERCENT OF THE STUD DEPTH AND THE EDGE OF THE HOLE SHALL NOT BE CLOSER THAN 5/8" TO THE EDGE OF THE STUD.
7. BORED HOLES SHALL NOT EXCEED 60 PERCENT OF THE STUD DEPTH WHERE STUDS ARE DOUBLED.
8. NOTCHES AND HOLES SHALL NOT OCCUR IN THE SAME CROSS SECTION.

JOIST CUTTING & NOTCHING NOTES

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. NOTCHED IN SOLID LUMBER JOISTS, RAFTERS AND BEAMS SHALL NOT EXCEED ONE-SIXTH OF THE DEPTH OF THE MEMBER, SHALL NOT BE LONGER THAN ONE-THIRD OF THE DEPTH OF THE MEMBER AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN.
2. NOTCH DEPTH AT THE ENDS OF THE MEMBER SHALL NOT EXCEED ONE-FOURTH OF THE DEPTH OF THE MEMBER.
3. A NOTCH OVER A SUPPORT IS PERMITTED TO EXTEND THE FULL WIDTH OF THE SUPPORT.
4. NOTCHES ON CANTILEVERED PORTIONS OF THE MEMBER ARE PERMITTED TO EXTEND THE FULL LENGTH OF THE CANTILEVER IF THE STRENGTH AND DEFLECTION OF THE CANTILEVER IS CALCULATED BASED ON THE REDUCED MEMBER SECTION.
5. HOLES BORED OR CUT INTO SOLID LUMBER JOISTS, RAFTERS OR BEAMS SHALL NOT BE CLOSER THAN 2" TO THE TOP OR BOTTOM OF THE JOISTS, OR TO ANY OTHER HOLE LOCATED IN THE MEMBER.
6. WHERE MEMBERS ARE NOTCHED, THE HOLE SHALL NOT BE CLOSER THAN 2" TO THE NOTCH.
7. THE DIAMETER OF THE HOLE IN JOISTS SHALL NOT EXCEED ONE-THIRD OF THE DEPTH OF THE MEMBER.

PRE-ENGINEERED WOOD TRUSS NOTES:

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING NOTES SHALL APPLY)

1. WOOD ROOF TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER TO SUPPORT THE FOLLOWING MINIMUM LOADS UNLESS OTHERWISE NOTED:
   A. GRAVITY LOADING CASE
      TOP CHORD LOADING
         LIVE LOAD – 39 PSF (SNOW LOAD) (ON THE HORIZONTAL PROJECTION)
         DEAD LOAD – 15 PSF (ON THE SURFACE AREA)
         – ADDITIONAL 5 PSF AT BUILT-UP FRAMING AREAS
      BOTTOM CHORD LOADING
         DEAD LOAD – 10 PSF
   B. WIND LOADING CASE (PER 2021 INTERNATIONAL BUILDING CODE)
      THE TRUSS MANUFACTURER SHALL DESIGN ALL ROOF TRUSSES FOR THE FOLLOWING NET UPLIFT PRESSURES, ACTING NORMAL TO THE ROOF SURFACE.
         INTERIOR ROOF ZONES – 18 PSF
         EXTERIOR ROOF ZONES – 30 PSF (ASCE 7-16 METHOD 2 WIND – EXTERIOR ZONE)
2. WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION OF THE NATIONAL FOREST PRODUCTS ASSOCIATION. THE DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES OF THE TRUSS PLATE INSTITUTE AND THE 2021 INTERNATIONAL BUILDING CODE.
3. WOOD MATERIALS SHALL BE SOUTHERN PINE, DOUGLAS FIR OR LARCH AND SHALL BE KILN DRIED AND USED AT 19% MAXIMUM MOISTURE CONTENT. PROVIDE GRADE NO. 2 OR AS REQUIRED TO SATISFY STRESS REQUIREMENTS.
4. CONNECTOR PLATES SHALL BE NOT LESS THAN 0.036 INCHES (20 GAUGE) IN COATED THICKNESS, SHALL MEET OR EXCEED ASTM GRADE A OR HIGHER AND SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A-525 (COATING G60). MINIMUM STEEL YIELD STRESS SHALL BE 33,000 PSI.
5. TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY OF A PERMANENT NATURE. TRUSSES SHALL BE MANUFACTURED BY EXPERIENCED WORKMEN. USING PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT UNDER THE REQUIREMENTS IN QUALITY CONTROL STANDARDS QST-88 OF THE TRUSS PLATE INSTITUTE.
6. SECONDARY BENDING STRESSES IN TRUSS TOP AND BOTTOM CHORDS DUE TO DEAD, LIVE AND WIND LOADS SHALL BE CONSIDERED IN THE DESIGN. LOAD DURATION FACTORS SHALL BE PER THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".
7. WOOD TRUSSES SHALL BE ERECTED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S REQUIREMENTS. THIS WORK SHALL BE DONE BY A QUALIFIED AND EXPERIENCED CONTRACTOR. TRUSS ERECTION BY AN INEXPERIENCED OR NONQUALIFIED CONTRACTOR CAN RESULT IN CONSTRUCTION COLLAPSE AND/OR SERIOUS INJURY AND DAMAGE.
8. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT BRACIN AS REQUIRED FOR SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH BY THE TRUSS PLATE INSTITUTE PUBLICATION "HIB-91, COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING METAL PLATE CONNECTED WOOD TRUSSES" SHALL BE A MINIMUM REQUIREMENT.
9. TRUSS CLIP TYPE AND QUANTITY TO BE PROVIDED BY MANUFACTURER.
10. SUBMIT COMPLETE SHOP DRAWINGS FOR ALL WOOD TRUSSES SHOWING MEMBER SIZES, SPECIES, GRADE, MOISTURE CONTENT, SPAN, CAMBER, DIMENSIONS, CHORD PITCH, BRACING REQUIREMENTS, CONNECTIONS, CTYPE/QUANTITY OF TRUSS CLIPS AND LOADINGS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AND SHALL BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN PENNSYLVANIA.

SCHEDULE OF REQUIRED STRESS VALUES VISUALLY GRADED (@ 100% STRESS RATING)

WOOD FRAMING TYPES	REQUIRED VALUES, IN PSI					
	Fb	Ft	Fv	Fc⊥	Fc	E
DOUGLAS FIR LARCH						
2x2 THRU 4x12	1,200	800	180	625	1,550	1,800,000
SOUTHERN PINE						
2x THRU 4x; 4 WIDE	1,500	825	175	565	1,650	1,600,000
2x THRU 4x; 5-6 WIDE	1,250	725	175	565	1,600	1,600,000
2x THRU 4x; 8 WIDE	1,200	650	175	565	1,550	1,600,000
2x THRU 4x; 10 WIDE	1,050	575	175	565	1,500	1,600,000
LVL						
ALL SIZES	2,600	1,555	285	750	2,510	1,900,000

FASTENING SCHEDULE PER 2021 IBC FOR WOOD CONSTRUCTION

(UNLESS OTHERWISE NOTED OR SHOWN ON PLAN, THE FOLLOWING CODE REQUIRED FASTENING SHALL APPLY)

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	NUMBER AND LOCATION
JOIST TO SILL OR GIRDER, TOE-NAIL	3-8D	–
1"x 6" SUB-FLOOR OR LESS TO EACH JOIST, FACE NAIL	2-8D 2-3" 14 GAGE STAPLES	– –
2" SUBFLOOR TO JOIST OR GIRDER, BLIND AND FACE NAIL	2-16D	–
SOLE PLATE TO JOISTS OR BLOCKING, FACE NAIL	16D	16" O.C.
TOP OR SOLE PLATE TO STUD, END NAIL	2-16D	–
STUD TO SOLE PLATE, TOE-NAIL	3-8D OR 2-16D	–
DOUBLE STUDS, FACE NAIL	10D	24" O.C.
DOUBLE TOP PLATES, FACE NAIL	10D	24" O.C.
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	3-16D	16" O.C.
DOUBLE TOP PLATES, MINIMUM 24" OFFSET OF END JOIST, FACE NAIL IN LAPPED AREA	8-16D	–
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE-NAIL	3-8D	–
RIM JOIST TO TOP PLATE, TOE-NAIL	8D	6" O.C.
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS, FACE NAIL	2-10D	–
BUILT-UP HEADER, TWO PIECES w/ 1/2" SPACER	16D	16" ALONG EACH EDGE
CONTINUED HEADER, TWO PIECES	16D	16" ALONG EACH EDGE
CEILING JOISTS TO PLATE, TOE-NAIL	3-8D	–
CONTINUOUS HEADER TO STUD, TOE-NAIL	4-8D	–
CEILING JOIST, LAPS OVER PARTITIONS, FACE NAIL	3-10D	–
CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	3-10D	–
RAFTER TO PLATE, TOE-NAIL	2-16D	–
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	2-8D / 2-3" 14 GAGE STAPLES	–
1" x 6" SHEATHING TO EACH BEARING, FACE NAIL	2-8D / 2-3" 14 GAGE STAPLES	–
1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	2-8D / 3-3" 14 GAGE STAPLES	–
WIDER THAN 1" x 8" SHEATHING TO EACH BEARING, FACE NAIL	3-8D / 4-3" 14 GAGE STAPLES	–
BUILT-UP CORNER STUDS	10D	24" O.C.
BUILT-UP GIRDERS AND BEAMS, 2 INCH LUMBER LAYERS	10D	NAIL EACH LAYER AS FOLLOWS: 32" O.C. AT TOP AND BOTTOM AND STAGGERED TWO NAILS AT ENDS AND AT EACH SPLICE
2" PLANKS	2-16D	AT EACH BEARING
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS: TOE-NAIL FACE NAIL	 4-16D 3-16D	 – –
RAFTERS TIES TO RAFTERS, FACE	3-8D	–

DESCRIPTION OF BUILDING MATERIALS	DESCRIPTION OF FASTENER	SPACING OF FASTENERS: EDGES (INCHES)	SPACING OF FASTENERS: INTERMEDIATE SUPPORTS (INCHES)
WOOD STRUCTURAL PANELS, SUB-FLOOR, ROOF AND WALL SHEATHING TO FRAMING, AND PARTICLEBOARD WALL SHEATHING TO FRAMING			
5/16" – 1/2"	6D COMMON NAIL (SUB-FLOOR, WALL) 8D COMMON NAIL (ROOF)	6	12
19/32" – 1"	8D COMMON NAIL	6	12
1 1/8" – 1 1/4"	10D COMMON NAIL OR 8D DEFORMED NAIL	6	12
OTHER WALL SHEATHING			
1/2" REGULAR CELLULOSIC FIBERBOARD SHEATHING	1-3/4" GALVANIZED ROOFING NAIL, 6D COMMON NAIL, STAPLE 16 GA. 3" LONG	3	6
1/2" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	1-3/4" GALVANIZED ROOFING NAIL, 8D COMMON NAIL, STAPLE 16 GA. 3" LONG	3	6
25/32" STRUCTURAL CELLULOSIC FIBERBOARD SHEATHING	1-3/4" GALVANIZED ROOFING NAIL, 8D COMMON NAIL, STAPLE 16 GA. 3" LONG	3	6
1/2" GYPSUM SHEATHING	1-3/4" GALVANIZED ROOFING NAIL, 6D COMMON NAIL, STAPLE GALVANIZED, 3" LONG, 1 1/4" SCREWS TYPE W OR S	4	8
5/8" GYPSUM SHEATHING	1-3/4" GALVANIZED ROOFING NAIL, 8D COMMON NAIL, STAPLE GALVANIZED, 1 5/8" LONG, 1 5/8" SCREWS TYPE W OR S	4	8
WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING			
3/4" AND LESS	6D DEFORMED NAIL OR 8D COMMON NAIL	6	12
7/8" – 1"	8D COMMON NAIL OR 8D DEFORMED NAIL	6	12
1 1/8" – 1 1/4"	10D COMMON NAIL OR 8D DEFORMED NAIL	6	12

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

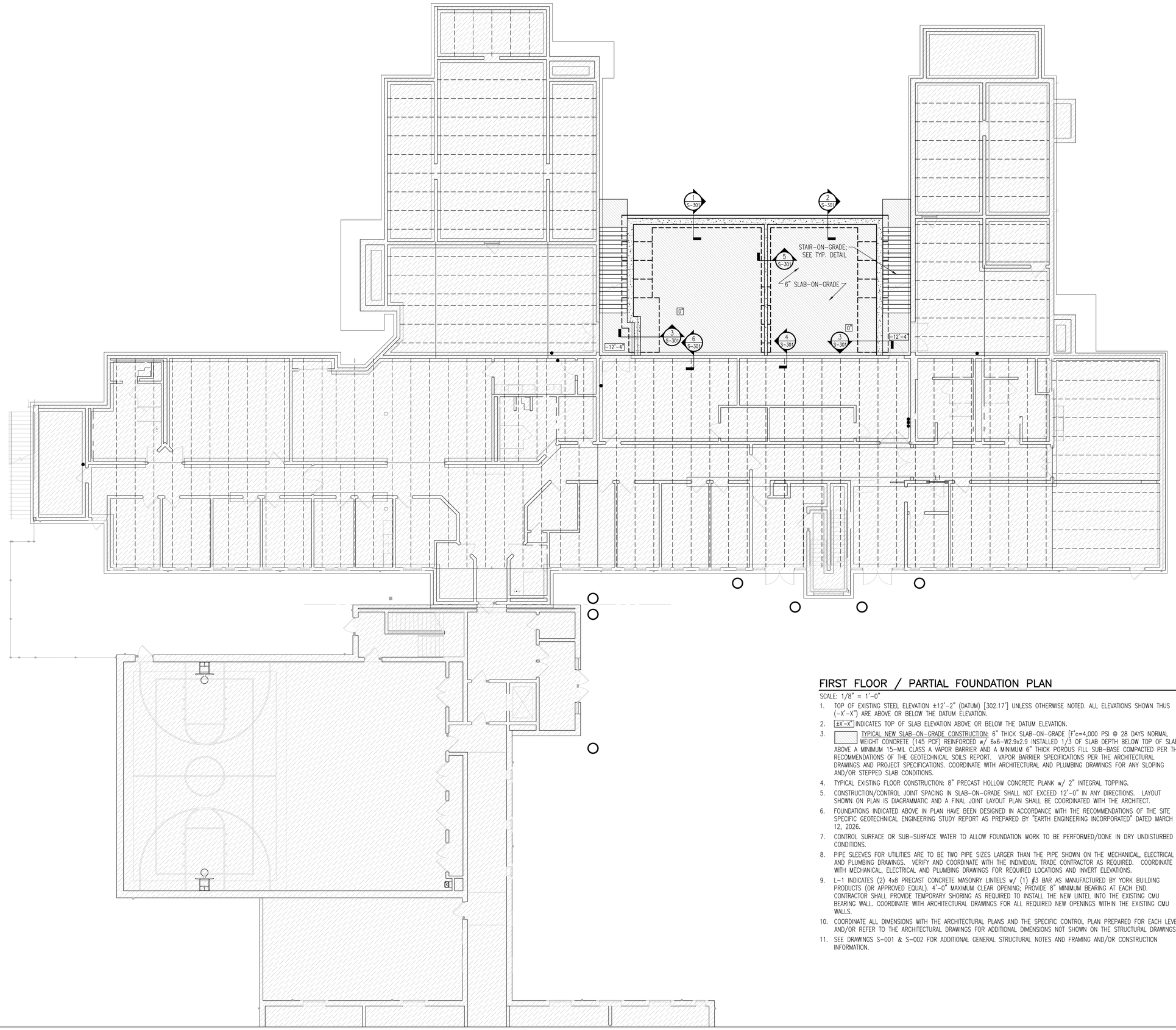
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

GENERAL STRUCTURAL NOTES

Scale: AS NOTED	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-002
Drawn By: BAM	Checked By: TPM



FIRST FLOOR / PARTIAL FOUNDATION PLAN

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

1. TOP OF EXISTING STEEL ELEVATION ±12'-2" (DATUM) [302.17'] UNLESS OTHERWISE NOTED. ALL ELEVATIONS SHOWN THUS (-X'-X") ARE ABOVE OR BELOW THE DATUM ELEVATION.
2. ±X'-X" INDICATES TOP OF SLAB ELEVATION ABOVE OR BELOW THE DATUM ELEVATION.
3. TYPICAL NEW SLAB-ON-GRADE CONSTRUCTION: 6" THICK SLAB-ON-GRADE [F'c=4,000 PSI @ 28 DAYS NORMAL WEIGHT CONCRETE (145 PCF) REINFORCED w/ 6x6-W2.9x2.9 INSTALLED 1/3 OF SLAB DEPTH BELOW TOP OF SLAB] ABOVE A MINIMUM 15-MIL CLASS A VAPOR BARRIER AND A MINIMUM 6" THICK POROUS FILL SUB-BASE COMPACTED PER THE RECOMMENDATIONS OF THE GEOTECHNICAL SOILS REPORT. VAPOR BARRIER SPECIFICATIONS PER THE ARCHITECTURAL DRAWINGS AND PROJECT SPECIFICATIONS. COORDINATE WITH ARCHITECTURAL AND PLUMBING DRAWINGS FOR ANY SLOPING AND/OR STEPPED SLAB CONDITIONS.
4. TYPICAL EXISTING FLOOR CONSTRUCTION: 8" PRECAST HOLLOW CONCRETE PLANK w/ 2" INTEGRAL TOPPING.
5. CONSTRUCTION/CONTROL JOINT SPACING IN SLAB-ON-GRADE SHALL NOT EXCEED 12'-0" IN ANY DIRECTIONS. LAYOUT SHOWN ON PLAN IS DIAGRAMMATIC AND A FINAL JOINT LAYOUT PLAN SHALL BE COORDINATED WITH THE ARCHITECT.
6. FOUNDATIONS INDICATED ABOVE IN PLAN HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SITE SPECIFIC GEOTECHNICAL ENGINEERING STUDY REPORT AS PREPARED BY "EARTH ENGINEERING INCORPORATED" DATED MARCH 12, 2026.
7. CONTROL SURFACE OR SUB-SURFACE WATER TO ALLOW FOUNDATION WORK TO BE PERFORMED/DONE IN DRY UNDISTURBED CONDITIONS.
8. PIPE SLEEVES FOR UTILITIES ARE TO BE TWO PIPE SIZES LARGER THAN THE PIPE SHOWN ON THE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS. VERIFY AND COORDINATE WITH THE INDIVIDUAL TRADE CONTRACTOR AS REQUIRED. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR REQUIRED LOCATIONS AND INVERT ELEVATIONS.
9. L-1 INDICATES (2) 4x8 PRECAST CONCRETE MASONRY LINTELS w/ (1) #3 BAR AS MANUFACTURED BY YORK BUILDING PRODUCTS (OR APPROVED EQUAL). 4'-0" MAXIMUM CLEAR OPENING; PROVIDE 8" MINIMUM BEARING AT EACH END. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED TO INSTALL THE NEW LINTEL INTO THE EXISTING CMU BEARING WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL REQUIRED NEW OPENINGS WITHIN THE EXISTING CMU WALLS.
10. COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL PLANS AND THE SPECIFIC CONTROL PLAN PREPARED FOR EACH LEVEL AND/OR REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
11. SEE DRAWINGS S-001 & S-002 FOR ADDITIONAL GENERAL STRUCTURAL NOTES AND FRAMING AND/OR CONSTRUCTION INFORMATION.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

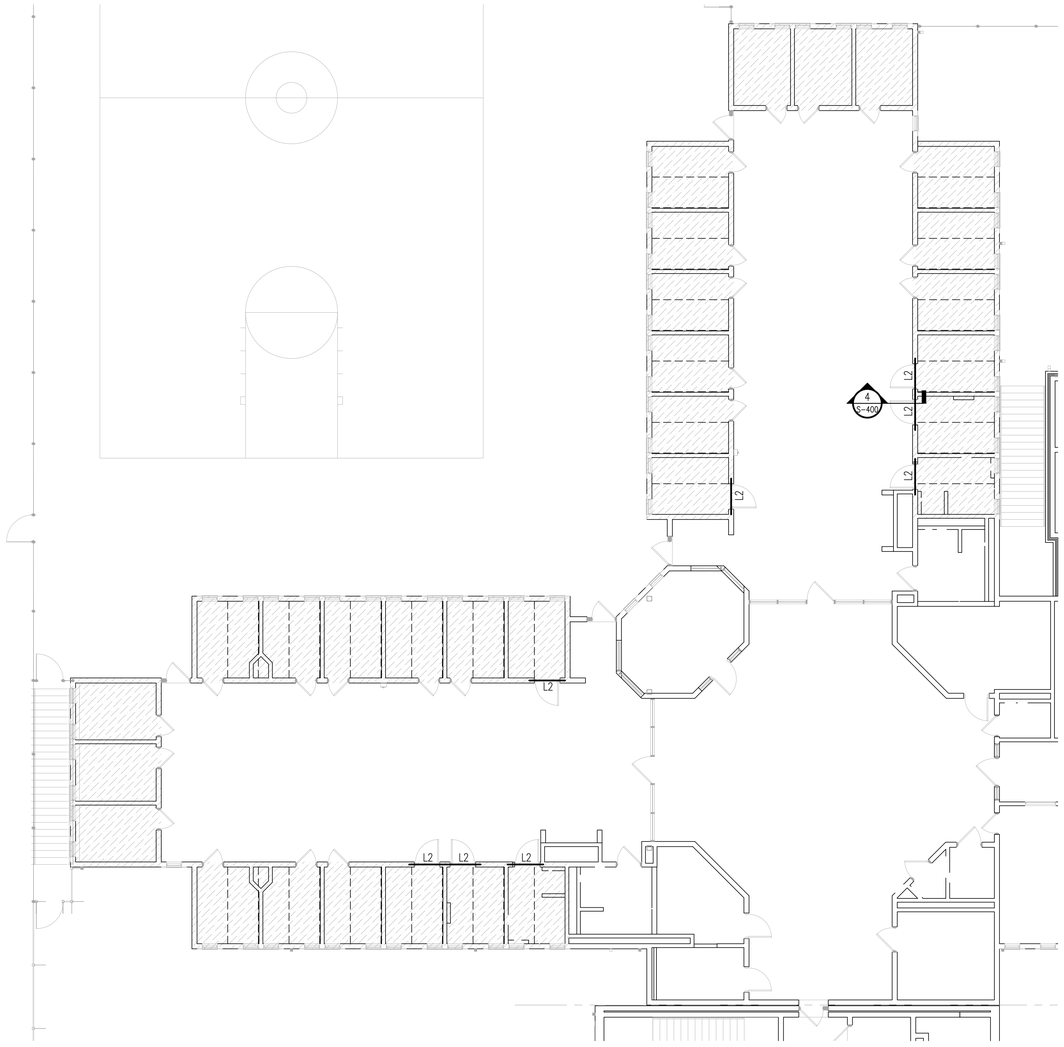
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FOUNDATION PLAN

Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-101
Drawn By: BAM	Checked By: TPM



BEDROOM CEILING FRAMING PLAN

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

1. TOP OF EXISTING MASONRY WALL ELEVATION ±21'-4" (DATUM) [311.33'] UNLESS OTHERWISE NOTED. ALL ELEVATIONS SHOWN THUS (-X'-X") ARE ABOVE OR BELOW THE DATUM ELEVATION. TRUSS BEARING ELEVATION IS +3" ABOVE DATUM ELEVATION.
2. COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL PLANS AND THE SPECIFIC CONTROL PLAN PREPARED FOR EACH LEVEL AND/OR REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
3. L-1 INDICATES (2) 4x8 PRECAST CONCRETE MASONRY LINTELS w/ (1) #3 BAR AS MANUFACTURED BY YORK BUILDING PRODUCTS (OR APPROVED EQUAL). 4'-0" MAXIMUM CLEAR OPENING; PROVIDE 8" MINIMUM BEARING AT EACH END. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED TO INSTALL THE NEW LINTEL INTO THE EXISTING CMU BEARING WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL REQUIRED NEW OPENINGS WITHIN THE EXISTING CMU WALLS.
4. L-2 INDICATES AN EXISTING OPENING TO BE ENLARGED. G.C. SHALL FIELD VERIFY TYPE, LENGTH, AND EXTENT OF EXISTING LINTEL. IF EXISTING LINTEL IS LONG ENOUGH TO PROVIDE THE ENLARGED OPENING INDICATED ON ARCH. DRAWINGS AND STILL HAVE 8" END BEARING, THEN NEW LINTEL IS NOT REQUIRED. IF NOT, PROVIDE (2) L6x3-1/2x3/8 LOOSE LINTEL ANGLE WITH 8" BEARING AT EACH END. PROVIDE TEMPORARY SUPPORT AS REQUIRED.
5. SEE DRAWINGS S-001 & S-002 FOR ADDITIONAL GENERAL STRUCTURAL NOTES AND FRAMING AND/OR CONSTRUCTION INFORMATION.

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FOR

THE COUNTY OF BERKS

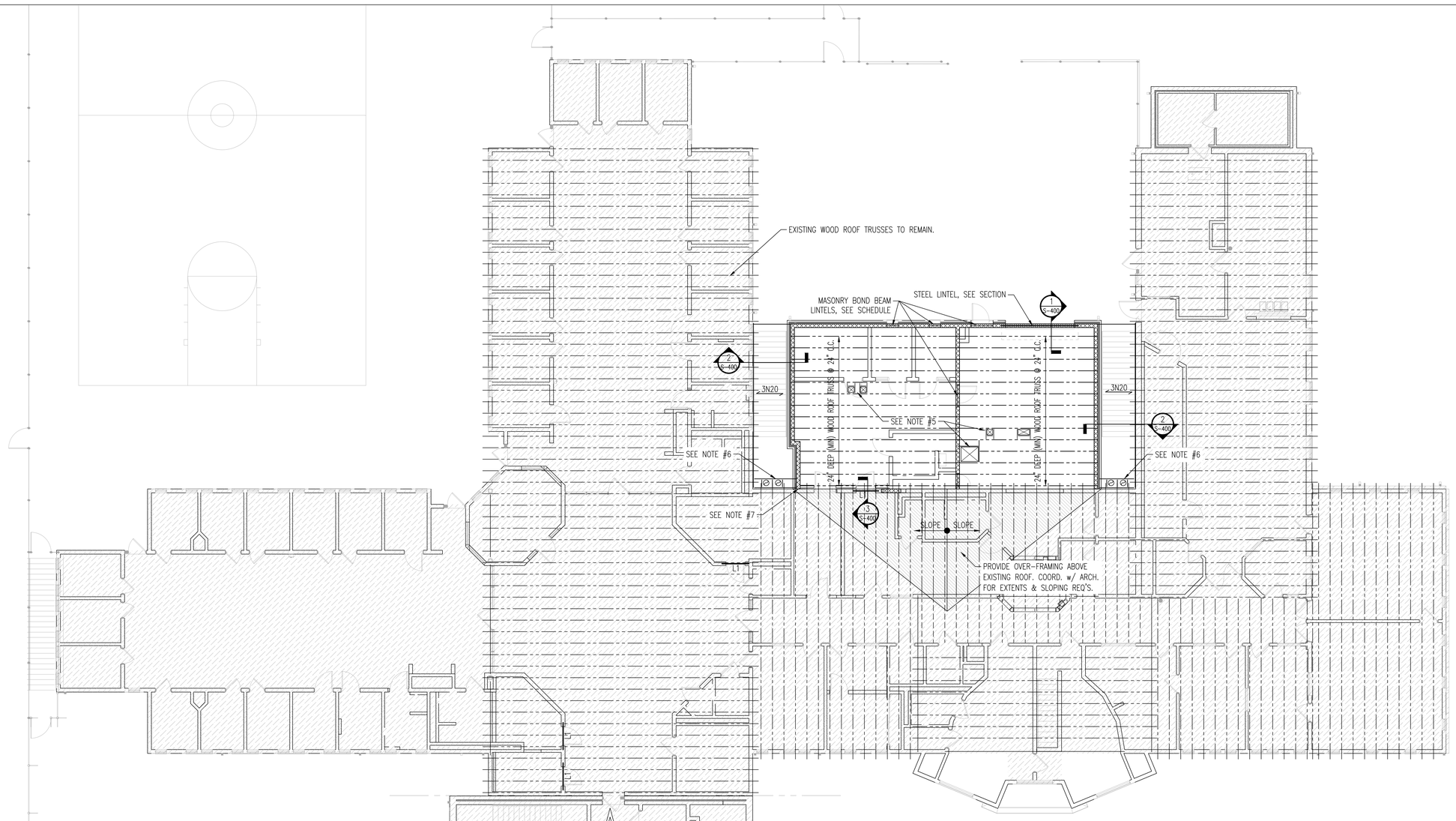
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

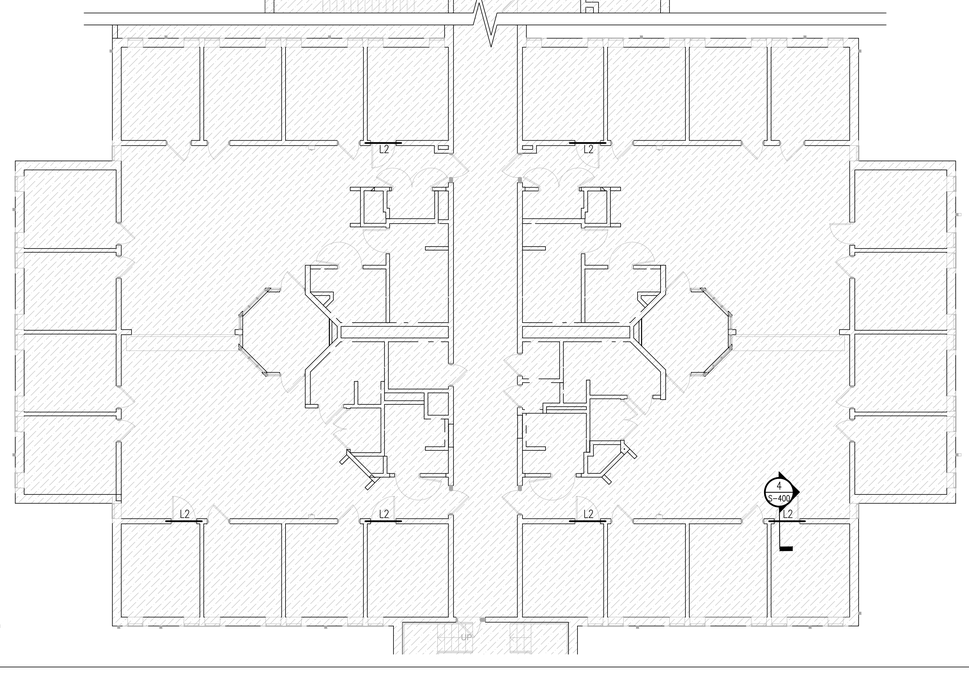
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

BEDROOM CEILING FRAMING PLAN

Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No. S-102
Drawn By: BAM / Checked By: TPM	





ROOF FRAMING PLAN

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

1. TOP OF EXISTING MASONRY WALL ELEVATION ±21'-4" (DATUM) [311.33'] UNLESS OTHERWISE NOTED. ALL ELEVATIONS SHOWN THUS (-X'-X") ARE ABOVE OR BELOW THE DATUM ELEVATION. TRUSS BEARING ELEVATION IS +3" ABOVE DATUM ELEVATION.
2. TYPICAL NEW ROOF CONSTRUCTION: 3/4" THICK APA RATED EXPOSURE 1 PLYWOOD SHEATHING.
3. 3N20 – INDICATES 3" DEEP – 20 GAUGE TYPE "N" ROOF DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUAL. MAXIMUM SINGLE SPAN LENGTH = 11'-10".
4. COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL PLANS AND THE SPECIFIC CONTROL PLAN PREPARED FOR EACH LEVEL AND/OR REFER TO THE ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
5. ROOF TRUSS FABRICATOR / DESIGNER SHALL COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ROOF HATCH LOCATIONS AND REQUIRED HEADER & SUPPLEMENTAL WOOD FRAMING MEMBERS. COORDINATE WITH ROOF TOP MECHANICAL EQUIPMENT LOADING & REQUIRED ROOF PENETRATIONS.
6. PROVIDE L3x3x1/4 ANGLES AT FLUE OPENINGS TO SUPPORT DECK. ANGLES TO BE WELDED TO THE DECK SUPPORT ANGLES AT EACH END THAT IS ANCHORED TO THE MASONRY WALLS OR HUNG FROM THE EXISTING WOOD TRUSSES.
7. PROVIDE #4 DOWELS @ 4'-0" O.C. VERTICALLY INTO THE EXISTING CMU WALL IN HILTI HIT-HY 270 (4-1/2" EMBEDMENT INTO GROUTED CELLS) TO TIE NEW CMU WALLS TO EXISTING. EXTEND HORIZONTAL BARS INTO BOND BEAMS PROVIDED AT 4'-0" O.C. VERTICALLY IN NEW CMU WALL. TYPICAL AT ALL NEW TO EXISTING WALL CONNECTIONS.
8. L-1 INDICATES (2) 4x8 PRECAST CONCRETE MASONRY LINTELS w/ (1) #3 BAR AS MANUFACTURED BY YORK BUILDING PRODUCTS (OR APPROVED EQUAL). 4'-0" MAXIMUM CLEAR OPENING; PROVIDE 8" MINIMUM BEARING AT EACH END. CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AS REQUIRED TO INSTALL THE NEW LINTEL INTO THE EXISTING CMU BEARING WALL. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR ALL REQUIRED NEW OPENINGS WITHIN THE EXISTING CMU WALLS.
9. L-2 INDICATES AN EXISTING OPENING TO BE ENLARGED. G.C. SHALL FIELD VERIFY TYPE, LENGTH, AND EXTENT OF EXISTING LINTEL. IF EXISTING LINTEL IS LONG ENOUGH TO PROVIDE THE ENLARGED OPENING INDICATED ON ARCH. DRAWINGS AND STILL HAVE 8" END BEARING, THEN NEW LINTEL IS NOT REQUIRED. IF NOT, PROVIDE (2) L6x3-1/2x3/8 LOOSE LINTEL ANGLE WITH 8" BEARING AT EACH END. PROVIDE TEMPORARY SUPPORT AS REQUIRED.
10. SEE DRAWINGS S-001 & S-002 FOR ADDITIONAL GENERAL STRUCTURAL NOTES AND FRAMING AND/OR CONSTRUCTION INFORMATION.

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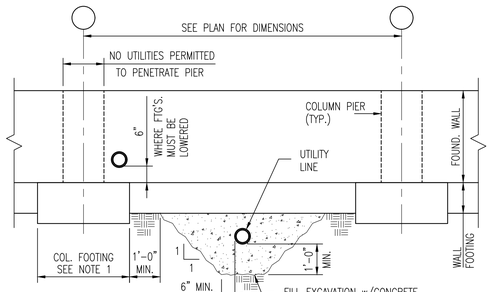
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ROOF FRAMING PLAN

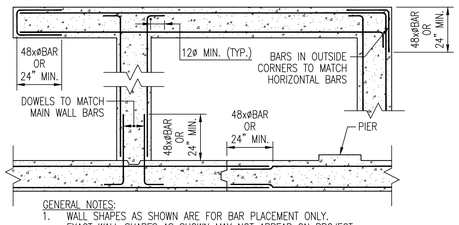
Scale: AS NOTED	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-103
Drawn By: BAM	Checked By: TPM



GENERAL NOTES:
1. NO UTILITIES SHALL BE PERMITTED BELOW COLUMN FOOTING. SHOULD UTILITIES NEED TO BE LOCATED IN THE VICINITY OF COLUMN FOOTING, THE FOOTING SHALL BE LOWERED IN ELEVATION (SEE TYPICAL STEPPED FOOTING DETAIL). IF LOWERING OF FOOTING IS NOT POSSIBLE, CONSULT A/E FOR FURTHER DIRECTION.
2. COORDINATE WITH PLANS AND SECTIONS FOR REQUIRED WALL, FOOTING AND PIER CONSTRUCTION.

TYPICAL DETAIL – UTILITY LINE BELOW WALL FOOTING

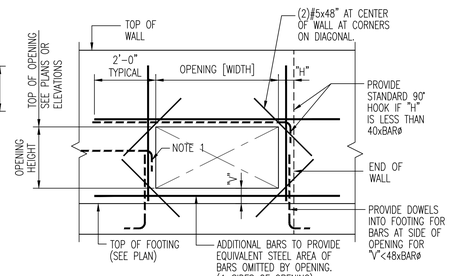
SCALE: N.T.S.



GENERAL NOTES:
1. WALL SHAPES AS SHOWN ARE FOR BAR PLACEMENT ONLY. EXACT WALL SHAPES AS SHOWN MAY NOT APPEAR ON PROJECT.
2. REFER TO ACI-318 FOR CONCRETE COVER REQUIREMENTS.
3. REFER TO WALL SCHEDULE OR SECTIONS FOR REINFORCING.
4. "48xø BAR OR 24" MIN." INDICATES THE MINIMUM REQUIRED LAP LENGTH (WHICHEVER IS GREATER).

TYPICAL WALL INTERSECTION SCHEMATIC

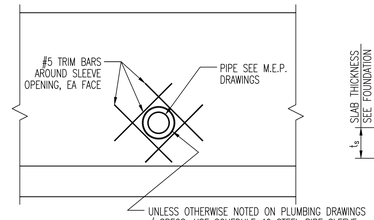
SCALE: N.T.S.



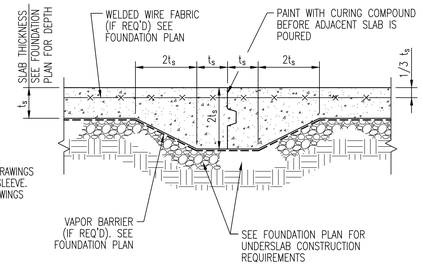
GENERAL NOTES:
1. HOOK ALL BARS INTERRUPTED BY OPENING (TYPICAL) ALL SIDES.
2. MINIMUM DIMENSION "V"=6"
3. REGULAR WALL REINFORCING NOT SHOWN FOR CLARITY. REFER TO SECTIONS AND WALL SCHEDULES FOR SIZE AND SPACING.

TYPICAL FOUNDATION WALL OPENING DETAIL

SCALE: N.T.S.

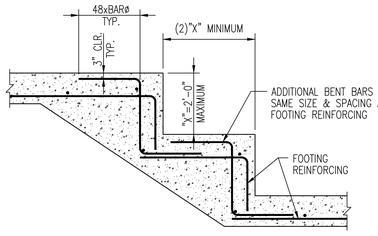


GENERAL NOTES:
1. THIS DETAIL APPLIES TO INDIVIDUAL PIPE SLEEVE LOCATIONS ONLY.
2. WHEN SLEEVES ARE LESS THAN (3) SLEEVE DIAMETERS APART AND/OR (2) OR MORE SLEEVES ARE LINED UP, SPECIAL REINFORCING MAY BE REQUIRED.



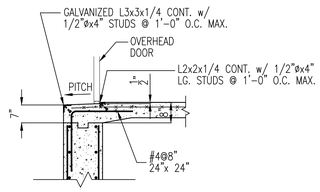
TYPICAL CONSTRUCTION JOINT DETAIL

SCALE: N.T.S.



TYPICAL STEPPED FOOTING DETAIL

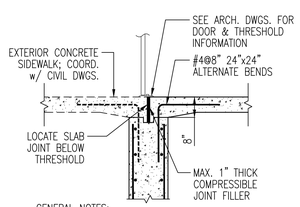
SCALE: N.T.S.



GENERAL NOTES:
1. SEE PLANS AND NOTES FOR SLAB CONSTRUCTION REQUIREMENTS.

TYPICAL SLAB DETAIL AT OVERHEAD DOOR

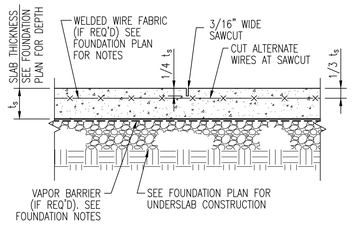
SCALE: N.T.S.



GENERAL NOTES:
1. SEE PLANS AND NOTES FOR SLAB CONSTRUCTION.
2. COORDINATE WITH SECTIONS FOR REQ'D FOUNDATION WALL THICKNESS AND REINFORCING.

TYPICAL SLAB DETAIL AT DOOR

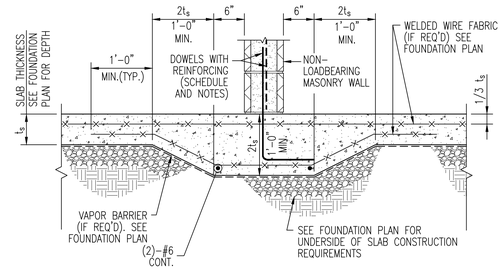
SCALE: N.T.S.



GENERAL NOTE:
1. FILL SAWCUT WITH JOINT FILLER 120 DAYS (MINIMUM) AFTER CUTTING (SEE SPECS).

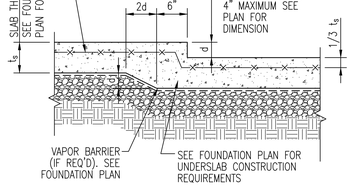
TYPICAL CONTROL JOINT DETAIL

SCALE: N.T.S.



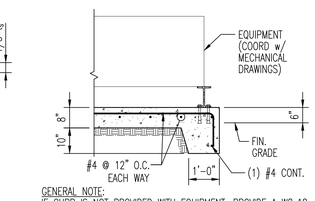
TYPICAL HAUNCHED SLAB DETAIL – CMU WALL

SCALE: N.T.S.



TYPICAL SLAB DEPRESSION DETAIL

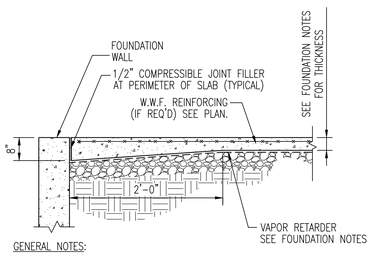
SCALE: N.T.S.



GENERAL NOTE:
IF CURB IS NOT PROVIDED WITH EQUIPMENT, PROVIDE A W8x18 CURB (GALVANIZED) ALL AROUND CONNECTED WITH 3/4" ø BOLTS AT 18" O.C. (5" MIN. EMBEDMENT, STAGGER SPACING)

TYPICAL EXTERIOR EQUIPMENT PAD DETAIL

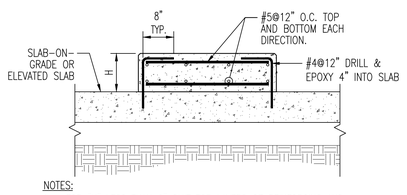
SCALE: N.T.S.



GENERAL NOTES:
1. SEE FOUNDATION NOTES FOR SLAB CONSTRUCTION AND UNDERSLAB CONSTRUCTION REQUIREMENTS.
2. COORDINATE WITH PLAN FOR FOUNDATION WALL DESIGN & REINFORCING.

TYPICAL THICKENED SLAB EDGE DETAIL

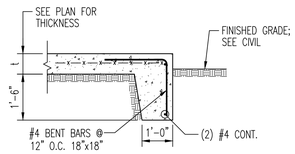
SCALE: N.T.S.



NOTES:
1. FOR "H" LESS THAN 6" OMIT TOP LAYERS OF REINFORCING AND PLACE BOTTOM LAYER IN MIDDLE. ALL PADS FURNISHED BY CONTRACTOR INSTALLING THE EQUIPMENT. ALL DOWELS FURNISHED BY C.C. FOR SIZE AND LOCATION, SEE ARCHITECTURAL AND OTHER CONSULTANT DRAWINGS AS REQ'D. COORDINATE WITH EQUIPMENT MANUF. FOR REQ'D. DIMENSIONS.

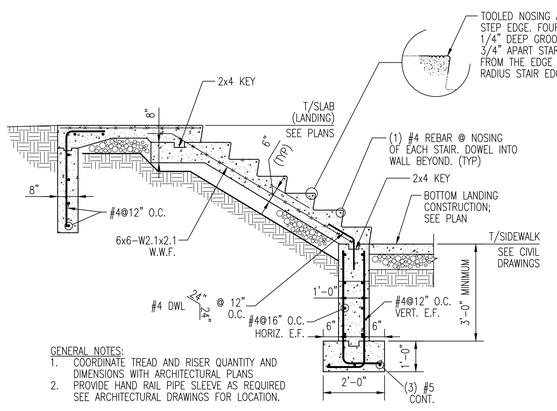
TYPICAL SECTION AT INTERIOR CONCRETE PADS

SCALE: N.T.S.



TYPICAL TURNED DOWN SLAB EDGE DETAIL

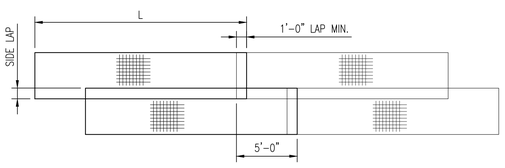
SCALE: N.T.S.



GENERAL NOTES:
1. COORDINATE TREAD AND RISER QUANTITY AND DIMENSIONS WITH ARCHITECTURAL PLANS
2. PROVIDE HAND RAIL PIPE SLEEVE AS REQUIRED SEE ARCHITECTURAL DRAWINGS FOR LOCATION.

TYPICAL CONCRETE STAIR AT GRADE

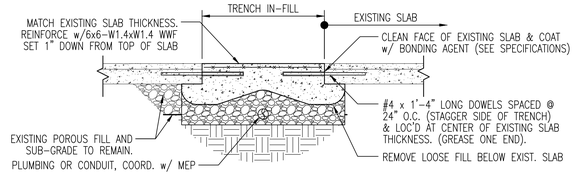
SCALE: N.T.S.



L = LENGTH OF ROLL OF SHEET OF W.W.F.

TYPICAL DETAIL FOR W.W.F. LAP IN FLOOR SLAB

SCALE: N.T.S.



GENERAL NOTES:
1. CONTRACTOR SHALL COORDINATE WITH BOTH THE MEP AND ARCHITECTURAL PLANS FOR THE REQUIRED LOCATIONS OF WHERE THE EXISTING SLAB-ON-GRADE NEEDS TO BE SAW-CUT FOR THE INSTALLATION OF NEW WORK WITHIN THE EXISTING SLAB-ON-GRADE SUCH AS PIPING, SANITARY PLUMBING, ETC.
2. SEE PLANS FOR THE REQUIRED SLAB IN-FILL CONSTRUCTION. AT A MINIMUM INSTALL 4" THICK NORMAL WEIGHT CONCRETE (f'c = 4,000 PSI @ 28 DAYS) SLAB-ON-GRADE.
3. WHERE NEW CONSTRUCTION IS TO BE INSTALLED CONTRACTOR SHALL TAKE CARE TO CUT-BACK SLAB AT A SAFE DISTANCE TO PREVENT UNDERMINING OF THE EXISTING SLAB-ON-GRADE.

NEW TRENCH IN-FILL DETAIL

SCALE: N.T.S.

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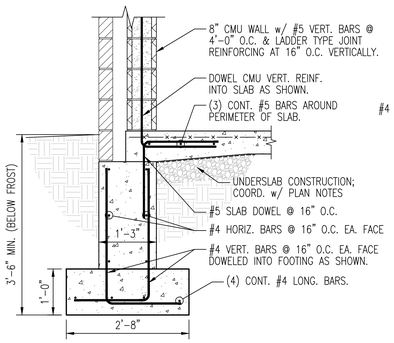
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

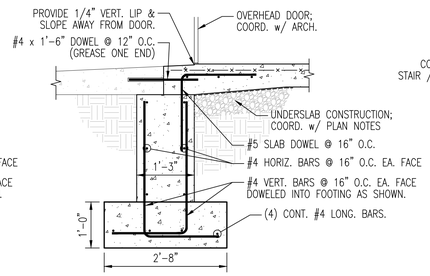
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
TYPICAL FOUNDATION DETAILS

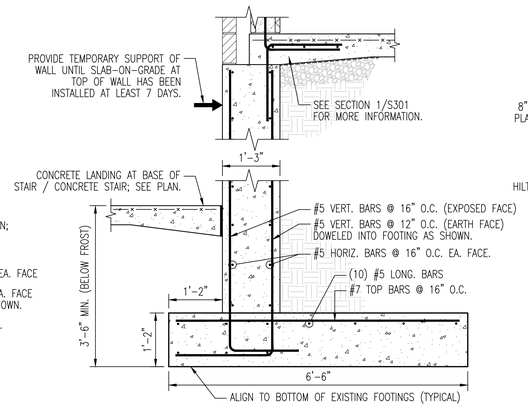
Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-300
Drawn By: BAM	Checked By: TPM



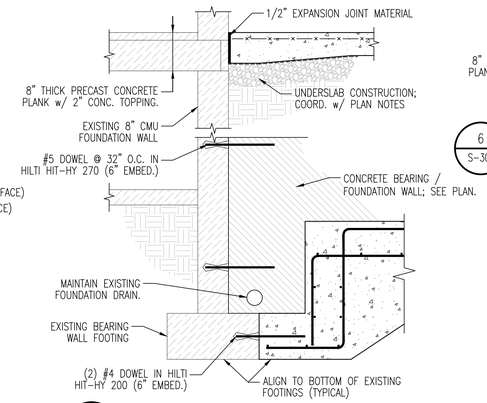
1 S-301 **SECTION AT TYPICAL FOUNDATION**
SCALE: 3/4" = 1'-0"



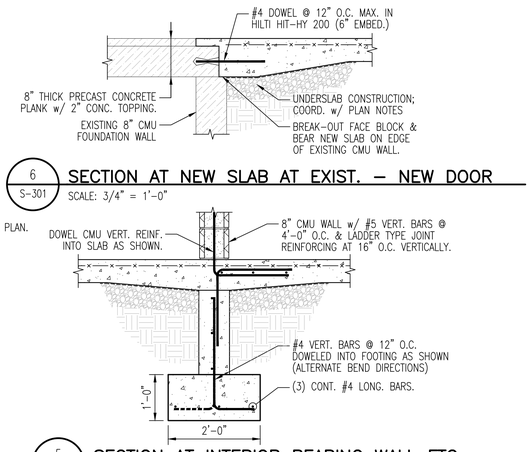
2 S-301 **SECTION AT FOUNDATION AT OVERHEAD DOOR**
SCALE: 3/4" = 1'-0"



3 S-301 **SECTION AT RETAINING WALL FOUNDATION**
SCALE: 3/4" = 1'-0"



4 S-301 **SECTION AT EXISTING FOUNDATION**
SCALE: 3/4" = 1'-0"



6 S-301 **SECTION AT NEW SLAB AT EXIST. – NEW DOOR**
SCALE: 3/4" = 1'-0"

5 S-301 **SECTION AT INTERIOR BEARING WALL FTG.**
SCALE: 3/4" = 1'-0"

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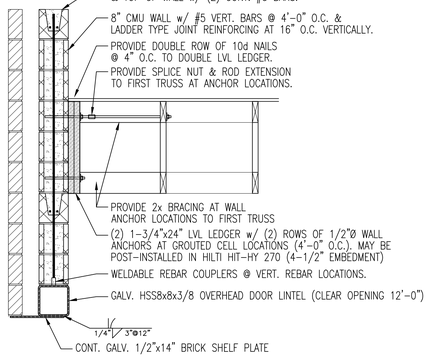
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

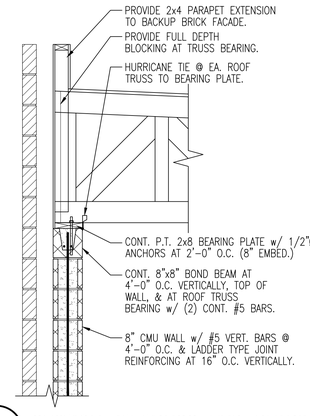
Drawing Title
FOUNDATION SECTIONS

Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-301
Drawn By: BAM	Checked By: TPM



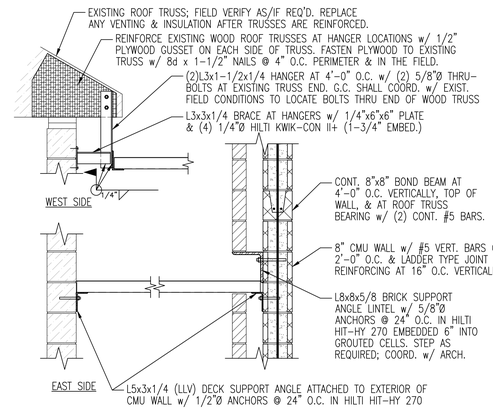
1 S-400 **SECTION AT OVERHEAD DOOR LINTEL**

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



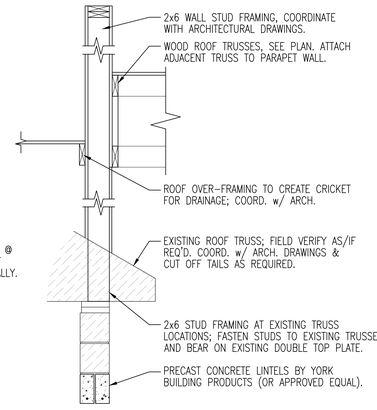
2A S-400 **SECTION AT TRUSS END BEARING**

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



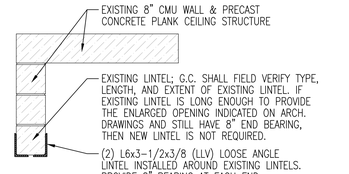
2B S-400 **SECTION AT LOW ROOF LEDGER**

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



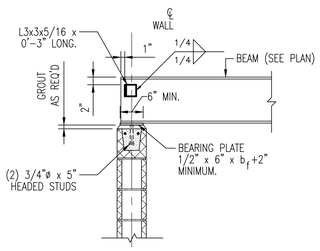
3 S-400 **SECTION AT PARAPET OVER-FRAMING**

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



4 S-400 **SECTION AT LINTEL AT ENLARGED OPENING**

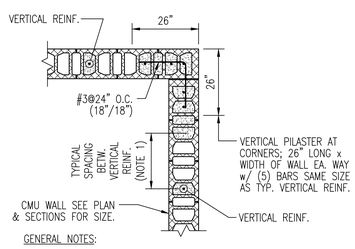
SCALE: 3/4" = 1'-0"



GENERAL NOTES:
1. LEAVE POCKET IN WALL FOR BEAM.
2. BRICK SOLID AGAINST BEAM AND POCKET WALLS AFTER BEAM IS SET AND BEFORE BEAM IS LOADED.
3. GROUT BELOW BEARING PLATE PRIOR TO SETTING BEAM.

TYPICAL DETAIL OF BEAM BEARING ON NEW MASONRY WALL

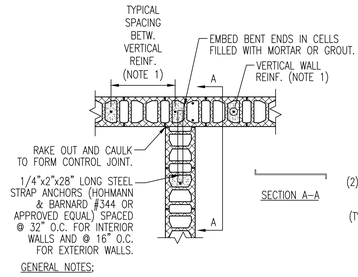
SCALE: N.T.S.



GENERAL NOTES:
1. SEE MASONRY NOTES AND SECTIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE MINIMUM VERTICAL WALL REINFORCING OF #4@48" O.C. UNLESS OTHERWISE NOTED

TYPICAL WALL CORNER CONDITION

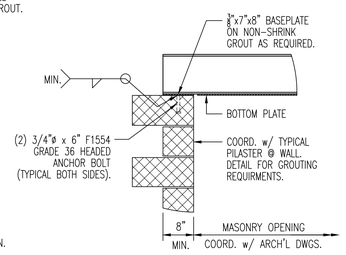
SCALE: N.T.S.



GENERAL NOTES:
1. SEE MASONRY NOTES AND SECTIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE MINIMUM VERTICAL WALL REINFORCING OF #4@48" O.C. UNLESS OTHERWISE NOTED

TYPICAL CMU WALL INTERSECTION

SCALE: N.T.S.



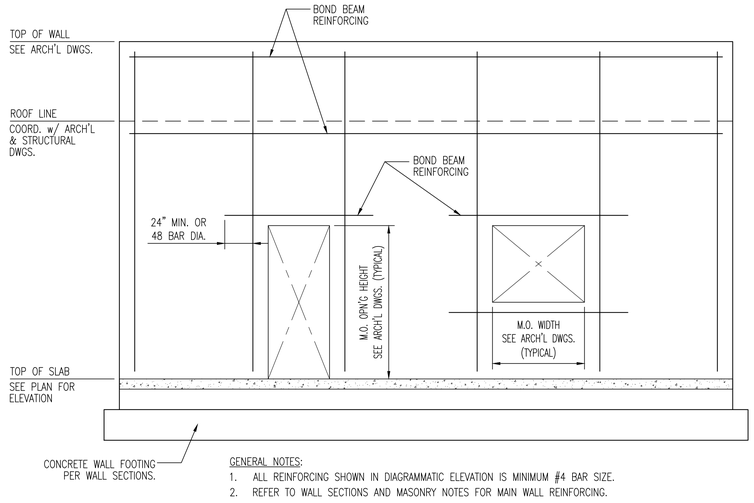
TYPICAL LINTEL BEARING DETAIL

SCALE: N.T.S.

STEEL ANGLE LOOSE LINTEL SCHEDULE

CLEAR OPENING	ANGLE SIZE
UP TO 4'-0"	L3-1/2 x 3-1/2 x 1/4
OVER 4'-0" - 5'-0"	L4 x 3-1/2 x 1/4
OVER 5'-0" - 6'-0"	L4 x 3-1/2 x 5/16
OVER 6'-0" - 8'-0"	L6 x 3-1/2 x 5/16

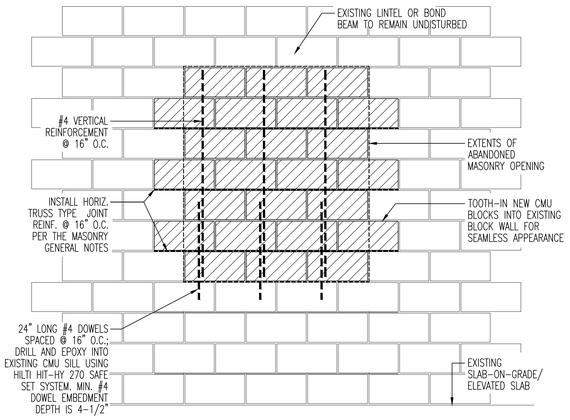
GENERAL NOTES:
1. PROVIDE 1 ANGLE FOR EACH 4" OF MASONRY WIDTH.
2. BEAR LINTELS 8" EACH END OF OPENING.
3. ALL LINTELS ARE TO BE HOT-DIP GALVANIZED.
4. ALL STEEL SHALL BE GRADE A36 MINIMUM.



GENERAL NOTES:
1. ALL REINFORCING SHOWN IN DIAGRAMMATIC ELEVATION IS MINIMUM #4 BAR SIZE.
2. REFER TO WALL SECTIONS AND MASONRY NOTES FOR MAIN WALL REINFORCING.

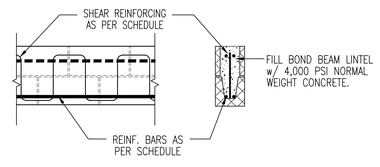
ADDITIONAL REINFORCING REQUIREMENTS AT OPENINGS IN CMU/MASONRY WALLS

SCALE: N.T.S.



TYPICAL EXISTING MASONRY OPENING IN-FILL DETAIL (WINDOW)

SCALE: N.T.S.



BOND BEAM SCHEDULE

OPENING SIZE	LINTEL	REINFORCEMENT	SHEAR REINFORCEMENT
UP TO 6'-4"	7 5/8"W x 15 5/8"D	(2) #5 TOP & BOTT.	#3@8" O.C. [ ][ ][ ]

GENERAL NOTES:
1. ALL BOND BEAM LINTELS ARE TO BE FILLED WITH 4,000 PSI NORMAL WEIGHT CONCRETE.
2. ALL BOND BEAM LINTELS ARE TO BE SHORED DURING CONSTRUCTION. SHORING SHALL REMAIN IN PLACE FOR 28 DAYS AFTER CONCRETE PLACEMENT.

TYPICAL CONCRETE FILLED BOND BEAM LINTEL DETAIL

SCALE: N.T.S.

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
TYPICAL MASONRY DETAILS & SECTIONS

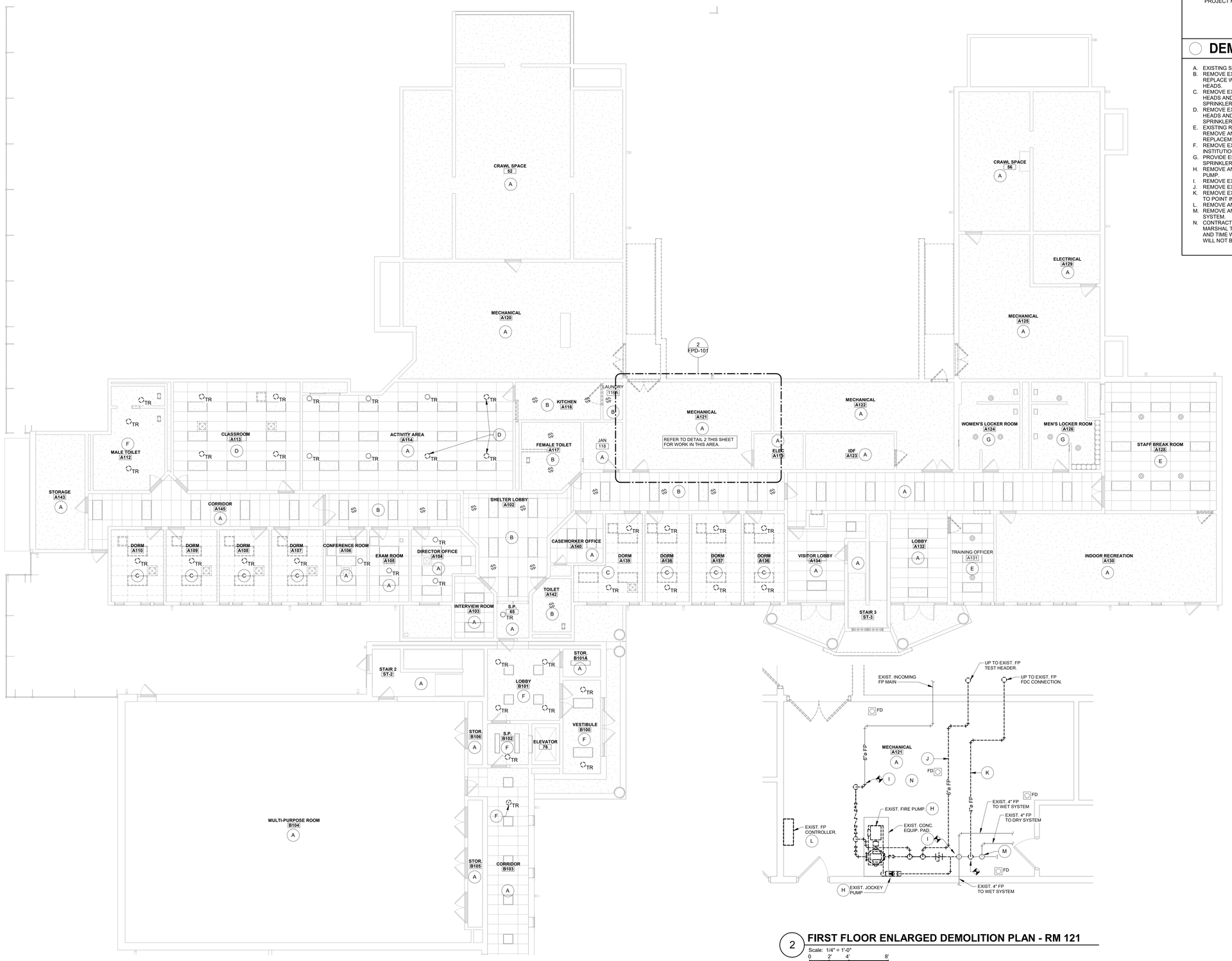
Scale	USA Project No.
AS NOTED	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: S-400
Drawn By: BAM	Checked By: TPM

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. EXISTING SPRINKLER HEADS TO REMAIN, EXCEPT AS NOTED.
B. REMOVE EXISTING RECESSED PENDANT SPRINKLER HEADS AND REPLACE WITH INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS.
C. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH NEW INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PROPOSED SECURE CEILING.
D. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH NEW INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
E. EXISTING RECESSED PENDANT SPRINKLER HEADS TO REMAIN. REMOVE AND REPLACE ESCUTCHEON PLATES TO ALLOW FOR CEILING REPLACEMENT BY OTHERS.
F. REMOVE EXISTING SPRINKLER HEADS AND REPLACE WITH INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS.
G. PROVIDE ESCUTCHEON PLATES FOR EXISTING RECESSED PENDANT SPRINKLER HEADS.
H. REMOVE AND REPLACE EXISTING SPRINKLER PUMP AND JOCKEY PUMP.
I. REMOVE EXISTING FP PIPING BETWEEN POINTS INDICATED.
J. REMOVE EXISTING 6" TEST HEADER PIPING.
K. REMOVE EXISTING 4" FIRE DEPARTMENT CONNECTION PIPING BACK TO POINT INDICATED.
L. REMOVE AND REPLACE EXISTING FP CONTROLLER.
M. REMOVE AND REPLACE EXISTING COMPRESSOR FOR DRY SPRINKLER SYSTEM.
N. CONTRACTOR SHALL COORDINATE WITH OWNER AND LOCAL FIRE MARSHAL TO COORDINATE AND ADDRESS DOWNTIME OF FIRE PUMP AND TIME WITHOUR FIRE DEPARTMENT CONNECTION. THE BUILDING WILL NOT BE OCCUPIED DURNG DOWNTIME.



1 **FIRST FLOOR DEMOLITION PLAN - AREA A**
Scale: 1/8" = 1'-0"
0 4' 8' 16'

2 **FIRST FLOOR ENLARGED DEMOLITION PLAN - RM 121**
Scale: 1/4" = 1'-0"
0 2' 4' 8'

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No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
FIRST FLOOR DEMOLITION PLAN - AREA A

Scale: As indicated	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FPD-101
Drawn By: E.D.	Checked By: CRS

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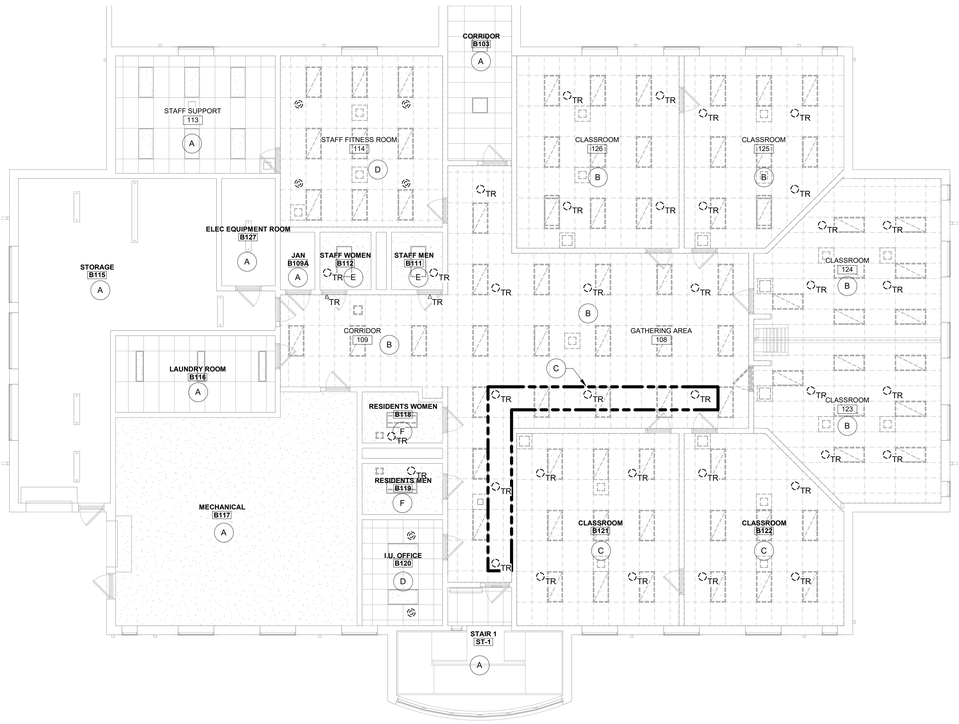

1 **FIRST FLOOR DEMOLITION PLAN - AREA B**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. EXISTING SPRINKLER HEADS TO REMAIN.
B. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH RECESSED PENDANT SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
C. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH NEW INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PROPOSED SECURE CEILING.
D. EXISTING RECESSED PENDANT SPRINKLER HEADS TO REMAIN. REMOVE AND REPLACE ESCUTCHEON PLATES TO ALLOW FOR CEILING REPLACEMENT BY OTHERS.
E. REMOVE EXISTING SPRINKLER HEADS AND REPLACE WITH RECESSED PENDANT SPRINKLER HEADS.
F. REMOVE EXISTING SPRINKLER HEADS AND REPLACE WITH INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS.

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FOR

THE COUNTY OF BERKS

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	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR DEMOLITION PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FPD-102
Drawn By: E.D.	Checked By: CRS

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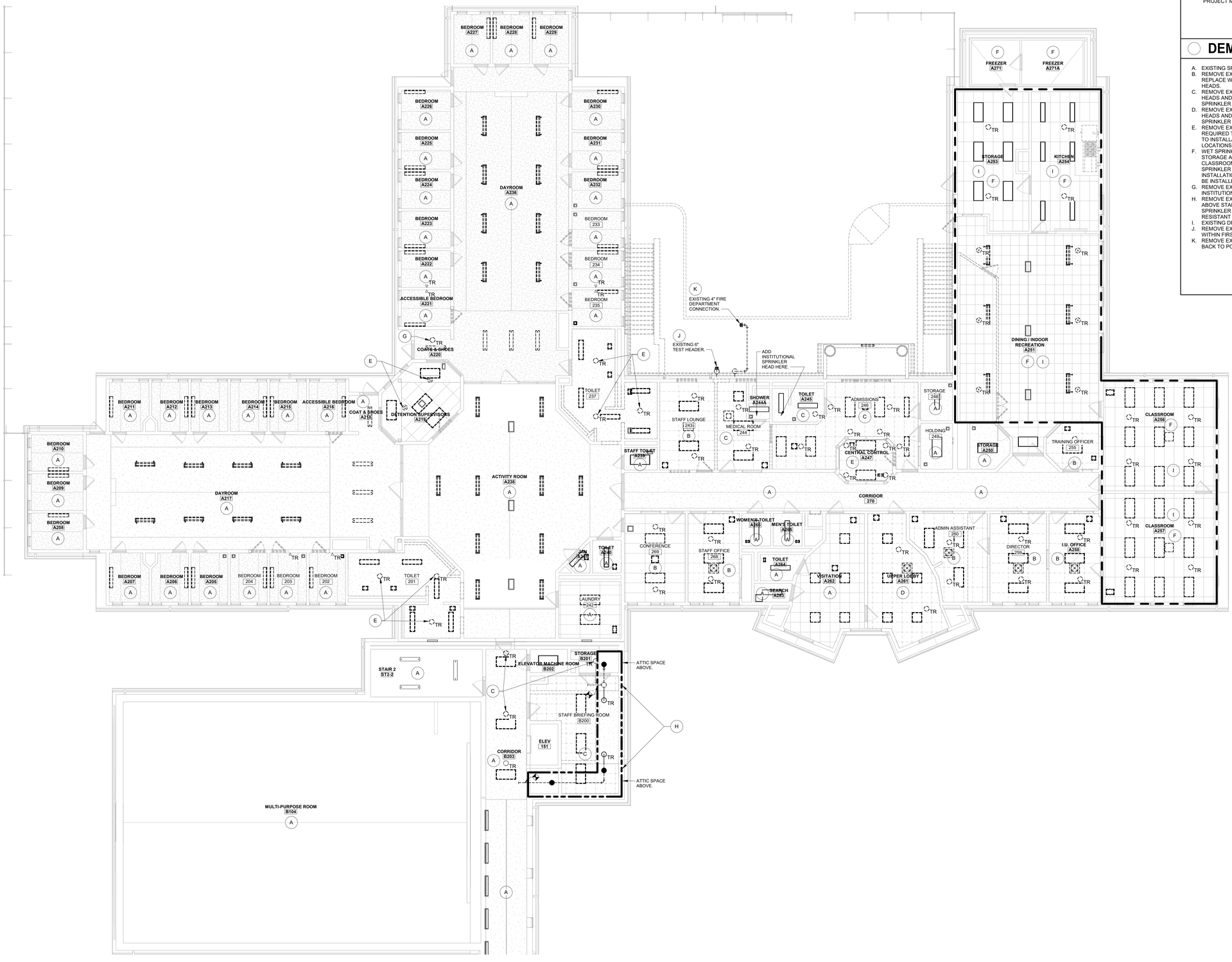
GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. EXISTING SPRINKLER HEADS TO REMAIN.
B. REMOVE EXISTING SEMI RECESSED PENDANT SPRINKLER HEADS AND REPLACE WITH INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS.
C. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH NEW INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PROPOSED SECURE CEILING.
D. REMOVE EXISTING INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS AND REPLACE WITH NEW INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
E. REMOVE EXISTING SPRINKLER HEADS AND BRANCH PIPING AS REQUIRED TO INSTALL PROPOSED HEADS IN NEW LOCATIONS. REFER TO INSTALLATION PLANS FOR PROPOSED SPRINKLER HEAD LOCATIONS.
F. WET SPRINKLERS AND BRANCH PIPING SERVING DINING A251, STORAGE A253, KITCHEN A254, COOLER A271, FREEZER A271, CLASSROOM A256 AND CLASSROOM A257 TO BE REMOVED BACK TO SPRINKLER MAIN. BRANCH PIPING TO BE CAPPED AT MAIN. REFER TO INSTALLATION DRAWINGS FOR PROPOSED DRY PIPE SPRINKLERS TO BE INSTALLED TO SERVE THESE SPACES.
G. REMOVE EXISTING SPRINKLER HEADS AND REPLACE WITH INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS.
H. REMOVE EXISTING SPRINKLER PIPING ABOVE CONCRETE DECK AND ABOVE STAFF BRIEFING ROOM B200. REMOVE ASSOCIATED UPRIGHT SPRINKLER HEADS IN ATTIC SPACE, AND REMOVE TWO TAMPER RESISTANT HEADS IN WINDOW CEILING POCKET.
I. EXISTING DRY PIPE SYSTEM ABOVE CEILING TO REMAIN.
J. REMOVE EXISTING 6" TEST HEADER AND PIPING BACK TO POINT WITHIN FIRST FLOOR MECHANICAL ROOM.
K. REMOVE EXISTING 4" FIRE DEPARTMENT CONNECTION AND PIPING BACK TO POINT WITHIN FIRST FLOOR MECHANICAL ROOM.



1 **SECOND FLOOR DEMOLITION PLAN - AREA A**

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

0 4' 8' 16'

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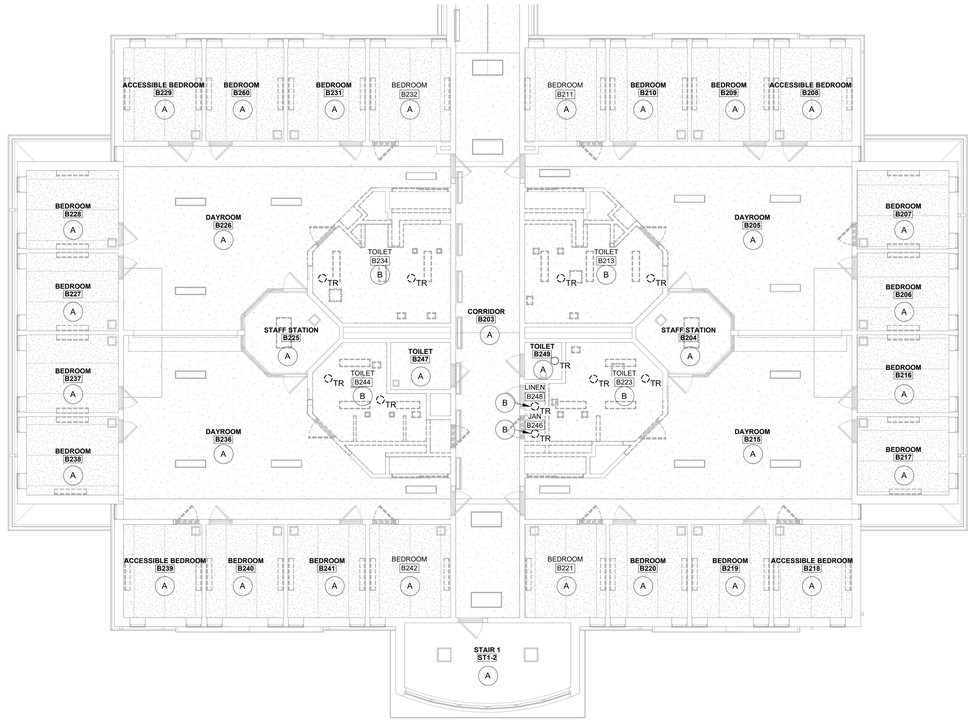
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR DEMOLITION PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FPD-103
Drawn By: E.D.	Checked By: CRS

9/21/2026 3:08:33 PM



1 SECOND FLOOR DEMOLITION PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. EXISTING SPRINKLER HEADS TO REMAIN.
B. REMOVE EXISTING SPRINKLER HEADS AND BRANCH PIPING AS REQUIRED TO INSTALL PROPOSED HEADS IN NEW LOCATIONS. REFER TO INSTALLATION PLANS FOR PROPOSED SPRINKLER HEAD LOCATIONS.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR DEMOLITION PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FPD-104
Drawn By: E.D.	Checked By: CRS

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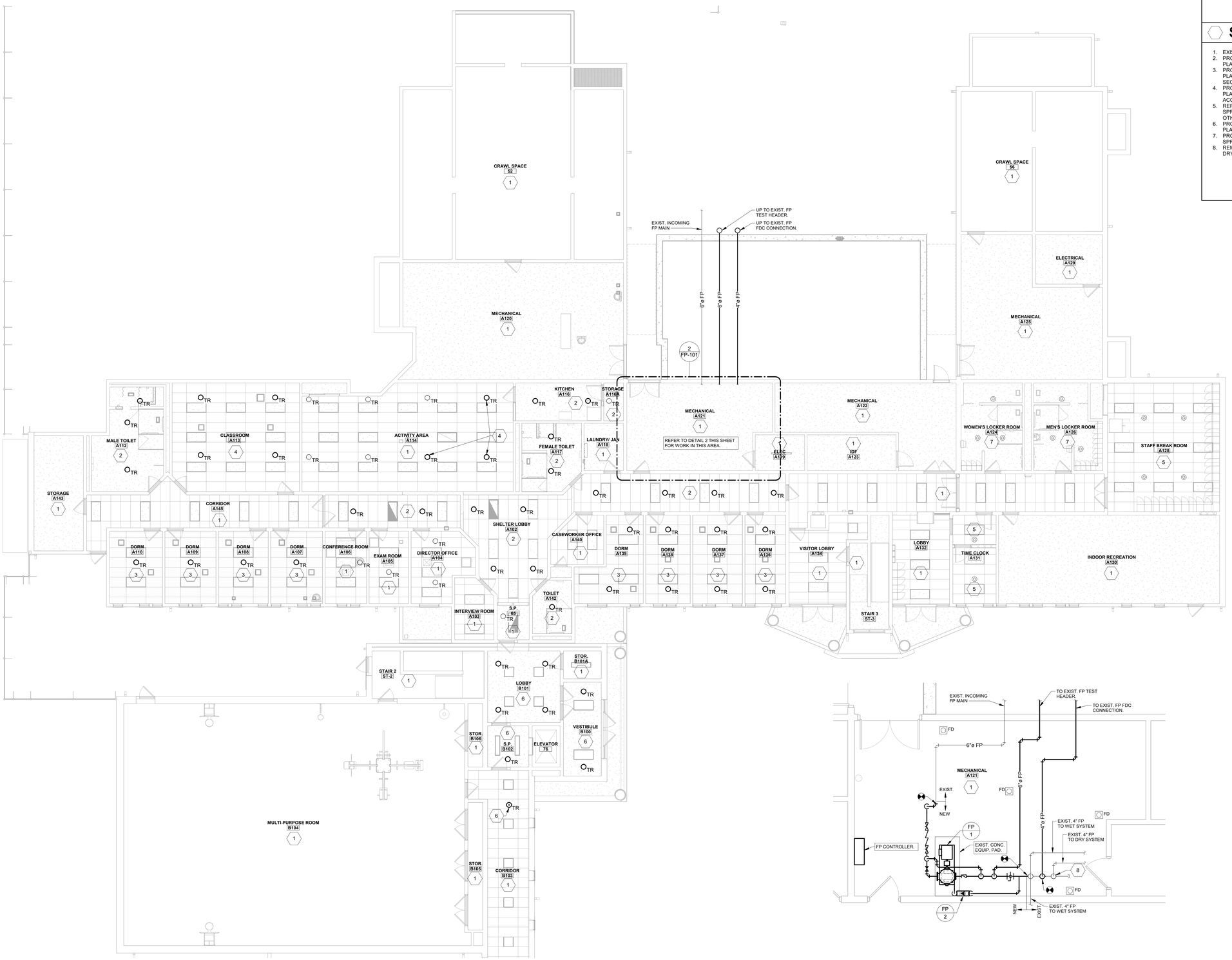
GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING SPRINKLER HEADS TO REMAIN, EXCEPT AS NOTED.
2. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS.
3. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED SECURE CEILING.
4. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
5. REPLACE ESCUTCHEON PLATES ON EXISTING RECESSED PENDANT SPRINKLER HEADS AFTER CEILING HAS BEEN REPLACEMED BY OTHERS.
6. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS.
7. PROVIDE ESCUTCHEON PLATES FOR EXISTING RECESSED PENDANT SPRINKLER HEADS.
8. REMOVE AND REPLACE EXISTING COMPRESSOR TO MEET EXTENDED DRY SPRINKLER SYSTEM.



1 **FIRST FLOOR PLAN - AREA A**

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

0 4' 8' 16'

2 **FIRST FLOOR ENLARGED PLAN - RM 121**

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

0 2' 4' 8'

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR PLAN - AREA A

Scale	USA Project No.
As indicated	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FP-101
Drawn By: E.D.	Checked By: CRS

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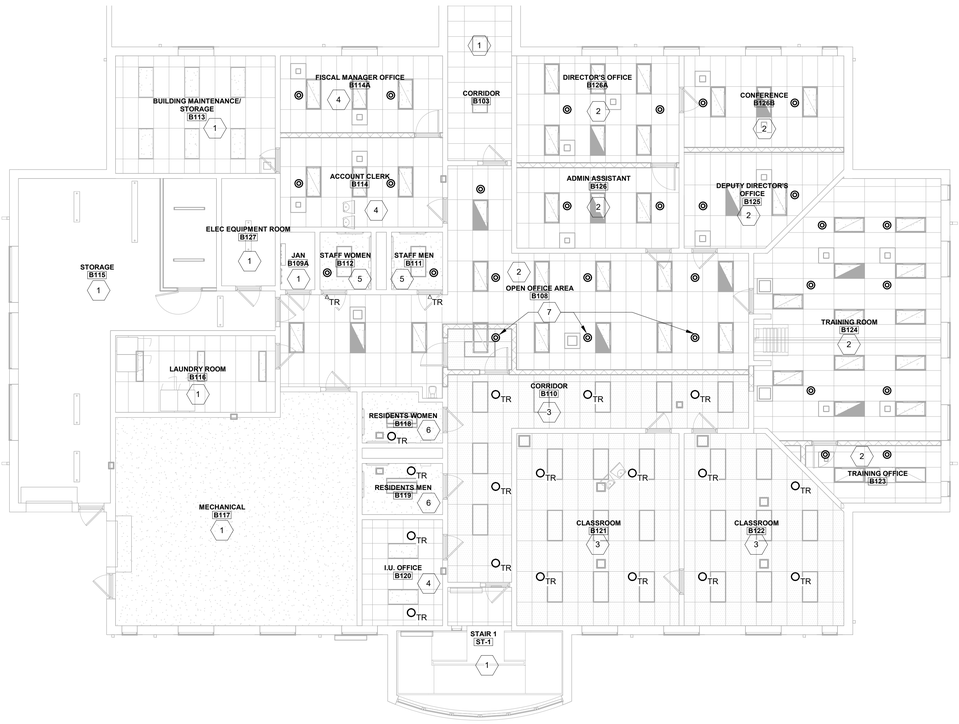

1 FIRST FLOOR PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING SPRINKLER HEADS TO REMAIN.
2. PROVIDE RECESSED PENDANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
3. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED SECURE CEILING.
4. EXISTING RECESSED PENDANT SPRINKLER HEADS TO REMAIN. REMOVE AND REPLACE ESCUTCHEON PLATES TO ALLOW FOR CEILING REPLACEMENT BY OTHERS.
5. PROVIDE RECESSED PENDANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS.
6. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS.
7. PROVIDE ADDITIONAL RECESSED PENDANT SPRINKLER HEADS. PROVIDE BRANCH SPRINKLER PIPING FROM NEAREST SPRINKLER MAIN ABOVE OPEN OFFICE B108.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FP-102
Drawn By: E.D.	Checked By: CRS

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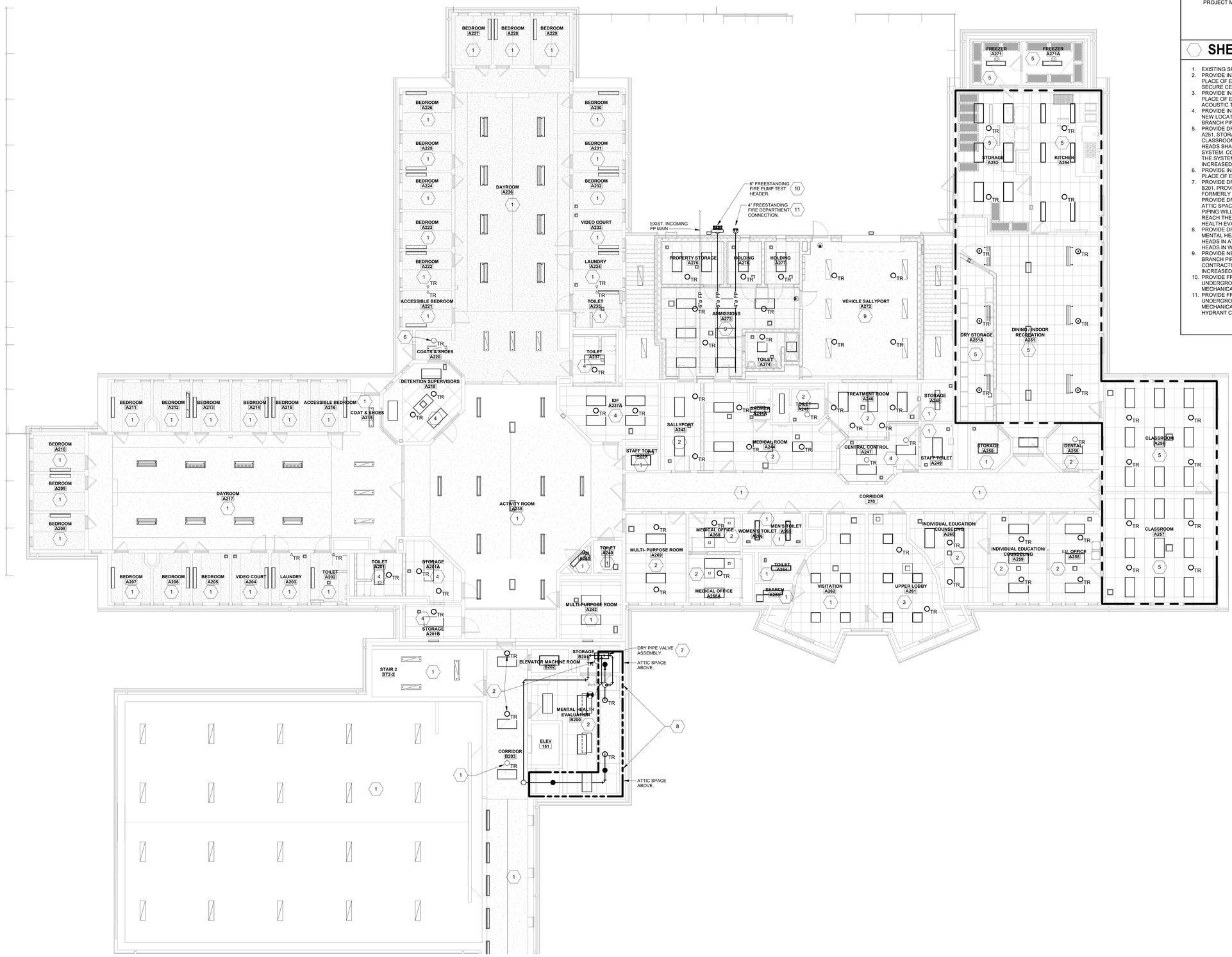

1 **SECOND FLOOR PLAN - AREA A**

Scale: 1/8" = 1'-0"
0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING SPRINKLER HEADS TO REMAIN.
2. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED SECURE CEILING.
3. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS IN PROPOSED ACOUSTIC TILE CEILING.
4. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN NEW LOCATIONS INDICATED. EXTEND BRANCH PIPING FROM EXISTING BRANCH PIPING TO NEW HEAD LOCATIONS.
5. PROVIDE DRY PIPE SPRINKLERS TO BE INSTALLED TO SERVE DINING A251, STORAGE A253, KITCHEN A254, COOLER A271, FREEZER A271, CLASSROOM A256 AND CLASSROOM A257. NEW DRY SPRINKLER HEADS SHALL BE EXTENDED OFF EXISTING, ABOVE CEILING, DRY PIPE SYSTEM. CONTRACTOR SHALL PROVIDE NEW HYDRAULIC CALCS OF THE SYSTEM AND PROVIDE NEW AIR COMPRESSOR FOR THE INCREASED VOLUME OF THE SYSTEM.
6. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN PLACE OF EXISTING REMOVED SPRINKLER HEADS.
7. PROVIDE DRY PIPE VALVE ASSEMBLY AND COMPRESSOR IN STORAGE B201. PROVIDE SPRINKLER PIPING FROM EXISTING BRANCH TAKEOFF FORMERLY SERVING ATTIC SPACE TO DRY PIPE VALVE ASSEMBLY. PROVIDE DRY SPRINKLER PIPE FROM DRY PIPE VALVE ASSEMBLY TO ATTIC SPACE SPRINKLERS ABOVE MENTAL HEALTH EVALUATION B200. PIPING WILL NEED TO BE ROUTED BACK ABOVE THE CORRIDOR TO REACH THE OPPOSITE SIDE OF THE ATTIC SPACE ABOVE MENTAL HEALTH EVALUATION B200.
8. PROVIDE DRY SPRINKLER PIPING ABOVE CONCRETE DECK ABOVE MENTAL HEALTH EVALUATION B200. PROVIDE UPRIGHT SPRINKLER HEADS IN ATTIC SPACE. AND PROVIDE TWO TAMPER RESTANT HEADS IN WINDOW CEILING POCKET.
9. PROVIDE NEW TAMPER RESISTANT WET SPRINKLER HEAD. EXTEND BRANCH PIPING OFF EXISTING ZONE SERVING SECOND FLOOR. CONTRACTOR SHALL PROVIDE NEW HYDRAULIC CALCS FOR THE INCREASED VOLUME OF THE SYSTEM.
10. PROVIDE FREE STANDING FIRE PUMP TEST HEADER AND UNDERGROUND PIPING BACK TO PIPE HEADER WITHIN FIRST FLOOR MECHANICAL ROOM.
11. PROVIDE FREE STANDING FIRE DEPARTMENT CONNECTION AND UNDERGROUND PIPING BACK TO PIPE HEADER WITHIN FIRST FLOOR MECHANICAL ROOM. COORDINATE TYPE WITH TOWNSHIP FIRE HYDRANT CONNECTIONS.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FP-103
Drawn By: E.D.	Checked By: CRS

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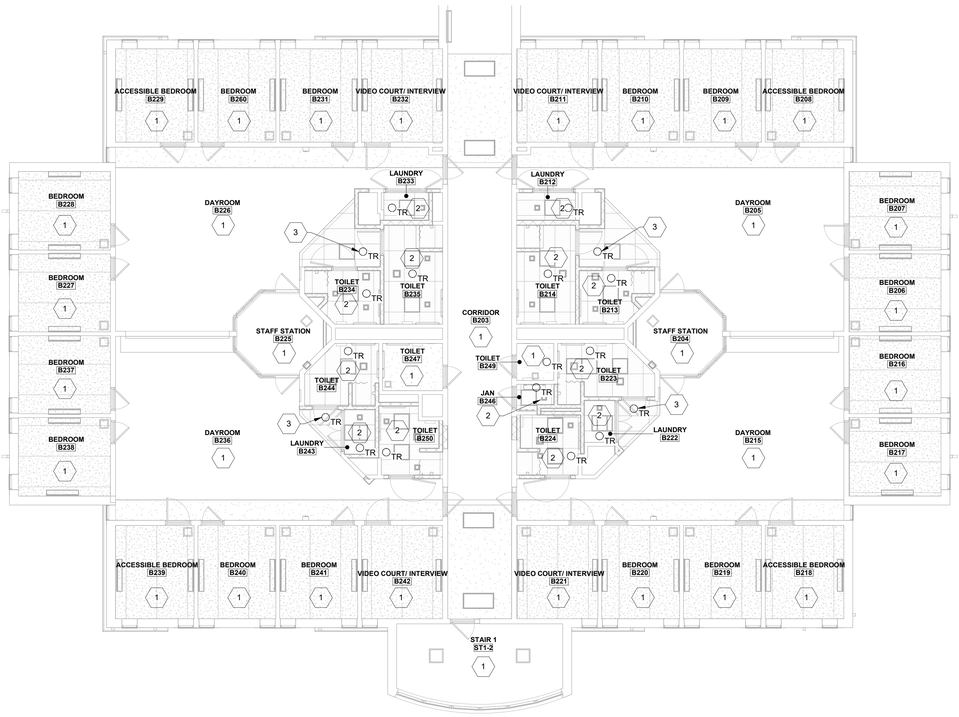

1 SECOND FLOOR PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING FP-701 FOR THE GENERAL FIRE PROTECTION NOTES.
2. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION LEGEND.
3. REFER TO DRAWING FP-701 FOR THE FIRE PROTECTION DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING SPRINKLER HEADS TO REMAIN.
2. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN NEW LOCATIONS INDICATED. EXTEND BRANCH PIPING FROM EXISTING BRANCH PIPING TO NEW HEAD LOCATIONS.
3. PROVIDE INSTITUTIONAL TAMPER RESISTANT SPRINKLER HEADS IN SOFFIT AT ENTRANCES TO TOILET ROOMS.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: FP-104
Drawn By: E.D.	Checked By: CRS

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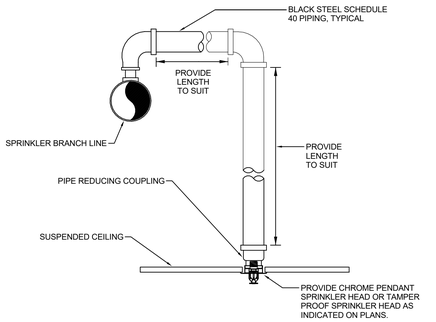
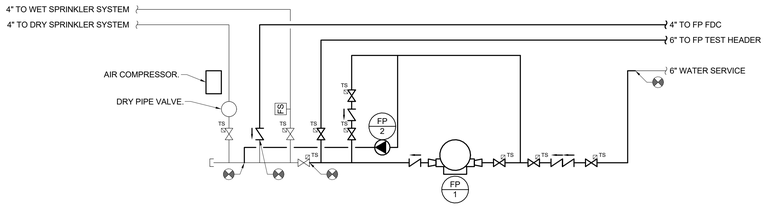


NOTES:

1. ADJUST SPRINKLER DROPS AS NECESSARY TO CLEAR OBSTRUCTIONS SUCH AS THE CEILING "T" BAR SUSPENSION SYSTEM, LIGHT FIXTURES, ETC. PROVIDE A PIPE HANGER IF THE HORIZONTAL OFFSET LENGTH EXCEEDS 24 INCHES.

1 TYPICAL NEW SPRINKLER HEAD DROP DETAIL

Scale: NOT TO SCALE



NOTE:
1. THIS DETAIL SHOWS GENERAL ARRANGEMENT ONLY. PROVIDE ALL DRAINS, GAUGES, PRESSURE SENSING LINES, TAMPERS ETC. REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM IN ACCORDANCE WITH NFPA 20 AND THE LOCAL AUTHORITY.

2 FIRE PUMP SCHEMATIC

Scale: NONE

FIRE PUMP SCHEDULE

ITEM NO.	SERVICE	TYPE	FLOW (GPM)	SUCTION PRESSURE	BOOST PRESSURE	HEAD (PSI)	HP	MOTOR RPM	VOLTAGE	BASIS OF DESIGN		NOTES
										MANUFACTURER	SERIES	
FP-1	FIRE PUMP	HORIZONTAL SPLIT-CASE	750	30	150 PSIG	40	25	--	460-3-60	PENTAIR	380	1, 2
FP-2	JOCKEY PUMP	IN-LINE	7.5	30	120 PSIG	35	0.75	3500	460-3-60	PENTAIR	56CZ	1, 3

NOTES:

1. ADJUST FINAL PUMP SIZING BASED ON HYDRAULIC CALCULATIONS.
2. PROVIDE FIRE PUMP CONTROLLER WITH A FOUR POLE SWITCH (SWITCHED NEUTRAL).
3. PROVIDE JOCKEY PUMP CONTROLLER.

FIRE FLOW TEST RESULTS

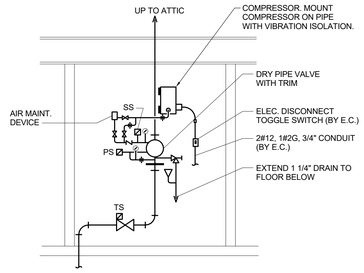
HYDRANT LOCATION	FLOW (GPM)	STATIC PRESS	RESIDUAL PRESS
BASED ON INFORMATION RECEIVED FROM SPRINKLER INSPECTION AND FIRE PUMP TEST FOR THE: BERKS COUNTY YOUTH DETENTION CENTER 1261 COUNTY WELFARE ROAD LEESPORT, PA 19533 DATE OF TEST 08/23/2025	889	92	75

NOTE:
CONTRACTOR SHALL PROVIDE UPDATED FLOW TEST FOR HYDRAULIC CALCULATIONS.

FIRE PROTECTION DESIGN CRITERIA

SYSTEM CLASSIFICATION	DENSITY (GPM/SF)	REMOTE AREA
LIGHT HAZARD	0.10	1500 SF
ORDINARY HAZARD GROUP 1	0.15	1500 SF
SPRINKLER HOSE STREAM DEMAND = 250 GPM		

NOTE:
ALL AREAS SHALL BE LIGHT HAZARD WITH THE EXCEPTION OF MECHANICAL ROOMS, STORAGE ROOMS, AND THE KITCHEN WHICH SHALL BE ORDINARY HAZARD GROUP 1.



NOTE:
PROVIDE SIGN ON DOOR TO THIS ROOM LABELED "FIRE VALVE ROOM"

3 DRY PIPE VALVE ASSEMBLY DETAIL

Scale: NO SCALE

GENERAL SHEET NOTES

1. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

GENERAL FIRE PROTECTION NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE START OF WORK. NOTIFY DESIGN PROFESSIONAL OF ANY SIGNIFICANT CHANGES IN DIMENSIONS OR CONDITIONS.
2. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS, EQUIPMENT AND NECESSARY FACILITIES, AND PERFORM ALL LABOR AND SERVICES OF EVERY DESCRIPTION AS MAY BE NECESSARY TO COMPLETE THE SCOPE OF WORK DEFINED ON THE DRAWINGS.
3. FABRICATE AND INSTALL ALL WORK IN STRICT ACCORDANCE WITH THE 2021 IBC, ALL APPLICABLE STATE CODES, AND THE GENERAL AND SUPPLEMENTARY CONDITIONS OF THE CONTRACT.
4. THE SPRINKLER INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13, NFPA 14, NFPA 20, STATE AUTHORITIES HAVING JURISDICTION, AND THE OWNERS INSURANCE UNDERWRITER.
5. CONTRACTOR SHALL PROVIDE HYDRAULIC CALCULATIONS FOR PIPE SIZING AND COMPLETE SPRINKLER SYSTEM SHOP DRAWINGS IN ACCORDANCE WITH NFPA 13, DESIGN CRITERIA INDICATED, AND LOCAL AUTHORITY REGULATIONS. FIRE PROTECTION SYSTEM SHALL BE SIZED TO PROVIDE 20% SAFETY IN PRESSURE AND FLOW CALCULATIONS.
6. CONTRACTOR SHALL SUBMIT HYDRAULIC CALCULATIONS AND DESIGN DRAWINGS TO DESIGN PROFESSIONAL AND COUNTY OF BERKS FOR SPRINKLER SYSTEM INSTALLATION APPROVAL AT LEAST TWO WEEKS BEFORE PROJECT INSTALLATION DATE.
7. PIPING SHOWN IS GENERALLY DIAGRAMMATIC AND INDICATES THE WORK TO BE PERFORMED, NOT ALL FITTINGS AND OFFSETS ARE SHOWN. FOLLOW DRAWINGS AS CLOSELY AS FIELD CONDITIONS ALLOW
8. SPRINKLER HEADS IN LIGHT HAZARD AND ORDINARY HAZARD GROUP I AREAS SHALL BE STANDARD ORIFICE QUICK RESPONSE TYPE ORDINARY TEMPERATURE 135 TO 170 DEGREE F UNLESS NOTED OTHERWISE. ORDINARY HAZARD GROUP II AREAS SHALL BE INTERMEDIATE TEMPERATURE 172 TO 225 DEGREE F WITH GUARDS.
9. SPRINKLER SYSTEMS IN THIS BUILDING ARE A COMBINATION OF WET PIPE SYSTEMS AND DRY PIPE SYSTEMS.
10. PROVIDE ALL MISCELLANEOUS STEEL SHAPES, HANGER RODS, STRAPS, ETC. REQUIRED FOR ALL FIRE PROTECTION SYSTEM INSTALLATIONS.
11. COORDINATE EXACT SPRINKLER LOCATIONS WITH THE REFLECTED CEILING PLAN(S).
12. CONCRETE AND MASONRY FLOOR AND WALL PENETRATIONS REQUIRED FOR NEW PIPING SHALL BE CORE DRILLED WHERE POSSIBLE. PROVIDE SLEEVED PENETRATIONS SEALED AIRTIGHT AND WEATHERTIGHT WITH FIRE RATED SEALANT.
13. CUT AND PATCH EXISTING WALLS, FLOORS AND CEILINGS FOR THE INSTALLATION OF PIPING AND CONDUIT IN FINISHED AREAS. RESTORE AND FINISH WALLS, FLOORS, AND CEILINGS TO PRE-CONSTRUCTION CONDITIONS. PIPING AND CONDUIT SHALL BE EXPOSED IN FINISHED AREAS ONLY AS NOTED ON THE DRAWINGS.
14. COORDINATE FLOOR PENETRATIONS WITH EXISTING BUILDING STRUCTURE PRIOR TO LAYOUT.
15. COORDINATE REMOVAL OF EXISTING SUSPENDED ACOUSTICAL PANEL CEILINGS TO ACCOMMODATE WORK WITH GC.
16. SPRINKLER SYSTEM SHALL BE FULLY DRAINABLE BY MULTIPLE DRAIN LOCATIONS.
17. ALL SPRINKLER HEADS LOCATED BELOW 7'-0" A.F.F SHALL HAVE A SPRINKLER GUARD.
18. PROVIDE INSPECTION TEST AS REQUIRED BY NFPA 13.
19. PROVIDE FLUSHING CONNECTIONS IN ACCORDANCE WITH NFPA 13.
20. CONTRACTOR SHALL PERFORM A FLOW TEST PRIOR TO HYDRAULIC CALCULATIONS.

FIRE PROTECTION LEGEND

- - - - - - -	ITEM TO DEMOLISH
◎	RECESSED PENDANT SPRINKLER
○ TR	TAMPER RESISTANT CEILING MOUNTED FIXTURE
●	UPRIGHT SPRINKLER
△	SIDEWALL SPRINKLER
△ TR	TAMPER RESISTANT SIDEWALL SPRINKLER
FP	SPRINKLER PIPING
D	DRAIN PIPE
	PIPING DOWN
	PIPING UP
	VALVE
	CHECK VALVE
	REDUCER
	HOSE VALVE
TS	VALVE WITH TAMPER SWITCH
OS&Y TS	OS&Y GATE VALVE WITH TAMPER SWITCH
FS	FLOW SWITCH
PS	PRESSURE SWITCH
	EQUIPMENT DESIGNATION
	CONNECTION TO EXISTING
	POINT OF DISCONNECTION

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RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
SCHEDULES, NOTES, LEGEND, AND DETAILS

Scale	USA Project No.
	R2024.0111.01
Drawing Date: 10.05.26	Drawing No. FP-701
Drawn By: E.D.	Checked By: CRS

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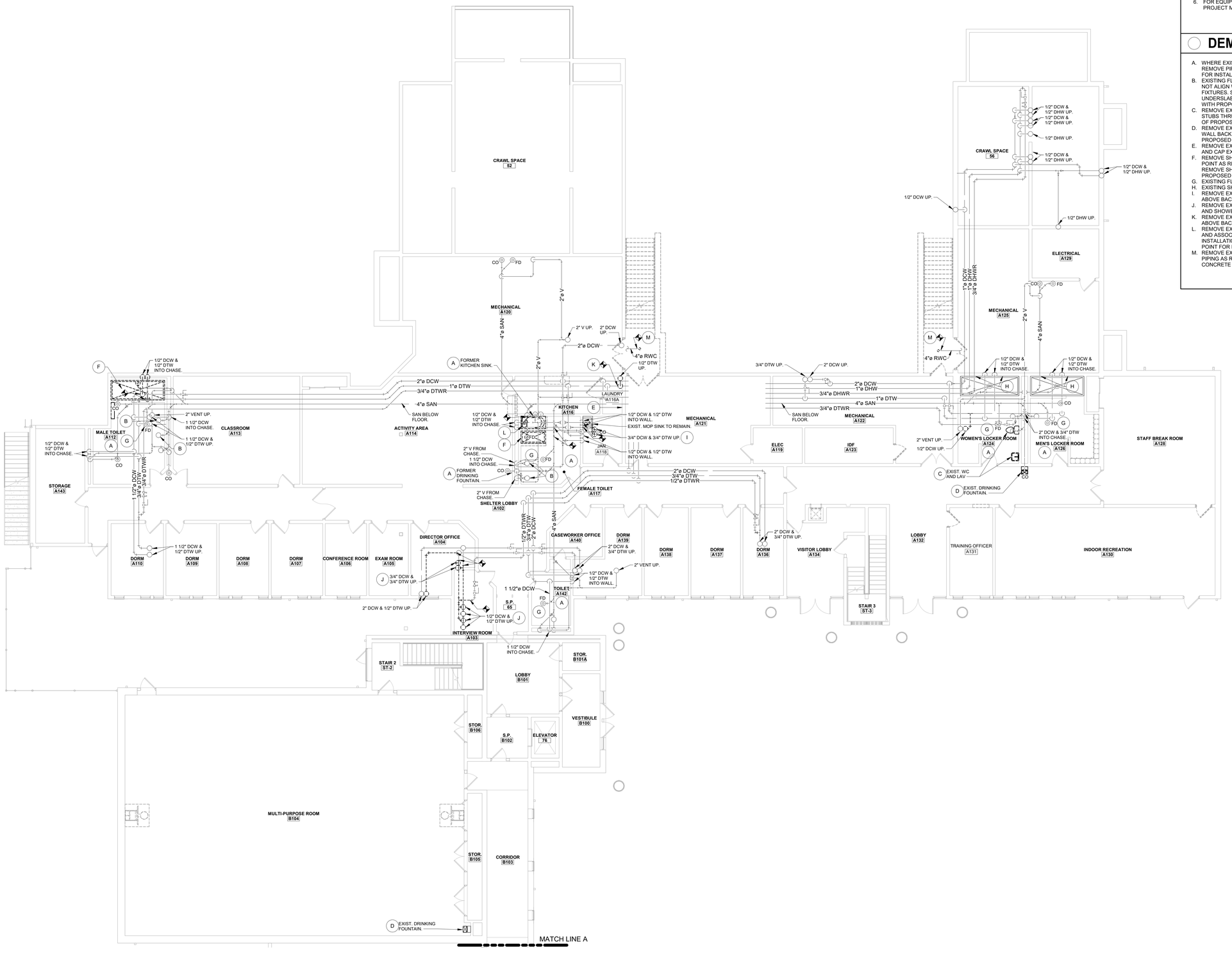
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. WHERE EXISTING PLUMBING FIXTURES HAVE BEEN REMOVED, REMOVE PIPING STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
B. EXISTING FLOOR MOUNTED WATER CLOSET DRAIN LOCATIONS WILL NOT ALIGN WITH PROPOSED LIGATURE RESISTANT SECURITY FIXTURES. SAWCUT FLOOR AS REQUIRED AND REMOVE EXISTING UNDERSLAB PIPING AS REQUIRED TO PROVIDE NEW PIPING TO ALIGN WITH PROPOSED FIXTURE. REFER TO P-401, ENLARGED PLANS.
C. REMOVE EXISTING WATER CLOSET AND LAVATORY. REMOVE PIPING STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
D. REMOVE EXIST. DRINKING FOUNTAIN. REMOVE PIPE STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
E. REMOVE EXISTING LAUNDRY WALL BOX SERVING FORMER WASHER AND CAP EXISTING PIPING BEYOND FINISHED WALL SURFACE.
F. REMOVE SHOWER VALVE, HEAD AND ASSOCIATED PIPING BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURE. REMOVE SHOWER DRAIN AND TRAP TO POINT FOR INSTALLATION OF PROPOSED FIXTURES.
G. EXISTING FLOOR DRAIN TO REMAIN.
H. EXISTING SHOWERS TO REMAIN.
I. REMOVE EXISTING DCW & DTW BRANCH PIPING SERVING LAVATORIES ABOVE BACK TO BRANCH TAKEOFF.
J. REMOVE EXISTING DCW & DTW BRANCH PIPING SERVING LAVATORIES AND SHOWERS ABOVE BACK TO POINTS INDICATED.
K. REMOVE EXISTING 1/2" DTW BRANCH PIPING SERVING LAVATORY ABOVE BACK TO BRANCH TAKEOFF.
L. REMOVE EXISTING TUB. REMOVE TUB FAUCET, SHOWER HEAD, VALVE, AND ASSOCIATED PIPING BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURE. REMOVE DRAIN AND TRAP TO POINT FOR INSTALLATION OF PROPOSED FIXTURES.
M. REMOVE EXISTING DRAIN AT BASE OF EXTERIOR STAIRS. REMOVE PIPING AS REQUIRED FOR INSTALLATION OF PROPOSED DRAIN. CONCRETE SLAB TO BE REPLACED BY GC.



1 **FIRST FLOOR DEMOLITION PLAN - AREA A**

Scale: 1/8" = 1'-0"
0 4' 8' 16'

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR DEMOLITION PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: PD-101
Drawn By: E.D.	Checked By: CRS

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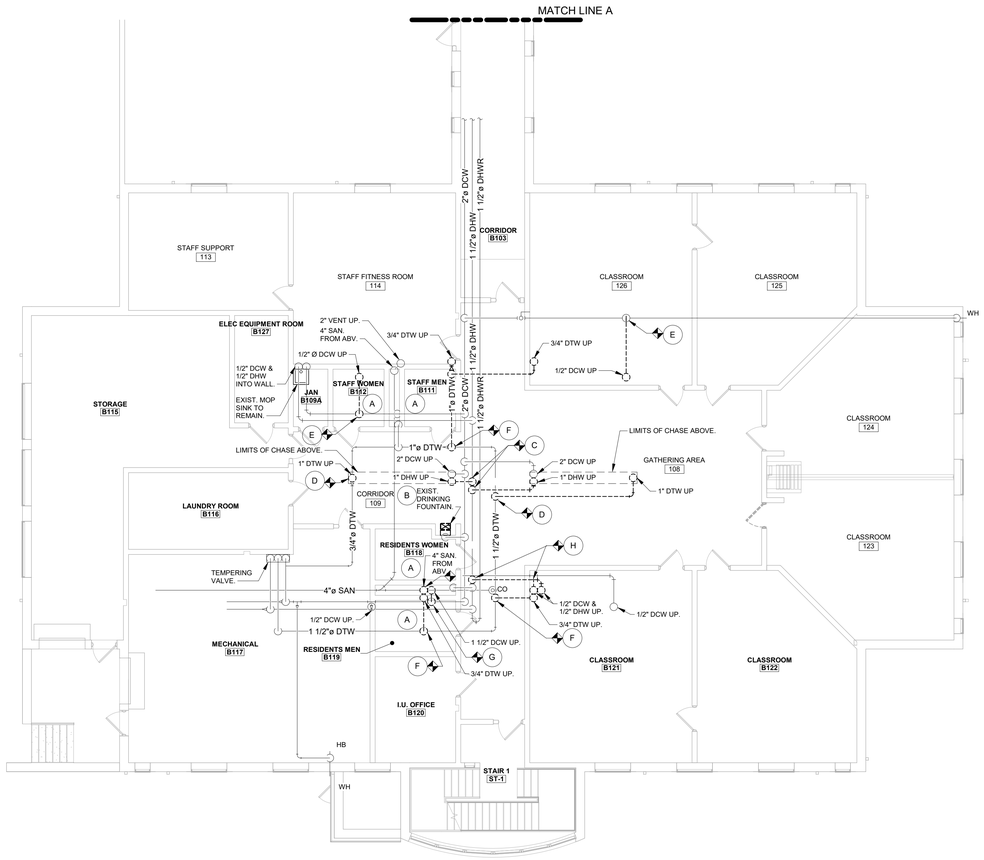

1 **FIRST FLOOR DEMOLITION PLAN - AREA B**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. WHERE EXISTING PLUMBING FIXTURES HAVE BEEN REMOVED, REMOVE PIPING STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
B. REMOVE EXIST. DRINKING FOUNTAIN. REMOVE PIPE STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
C. REMOVE EXISTING 1" DHW SERVING BATHROOM CHASE ABOVE BACK TO BRANCH TAKEOFF AND CAP.
D. REMOVE EXISTING 1" DTW SERVING BATHROOM CHASE ABOVE BACK TO BRANCH TAKEOFF AND CAP.
E. REMOVE EXISTING 1/2" DCW SERVING DRINKING FOUNTAINS ABOVE BACK TO BRANCH TAKEOFF AND CAP.
F. REMOVE EXISTING 3/4" DTW SERVING BATHROOM CHASE ABOVE BACK TO BRANCH TAKEOFF AND CAP.
G. REMOVE EXISTING 1 1/2" DCW SERVING BATHROOM CHASE ABOVE BACK TO BRANCH TAKEOFF AND CAP.
H. REMOVE EXISTING 1/2" DCW & 1/2" DHW SERVING MOP SINK ABOVE BACK TO BRANCH TAKEOFF AND CAP.

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TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR DEMOLITION PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: PD-102
Drawn By: E.D.	Checked By: CRS

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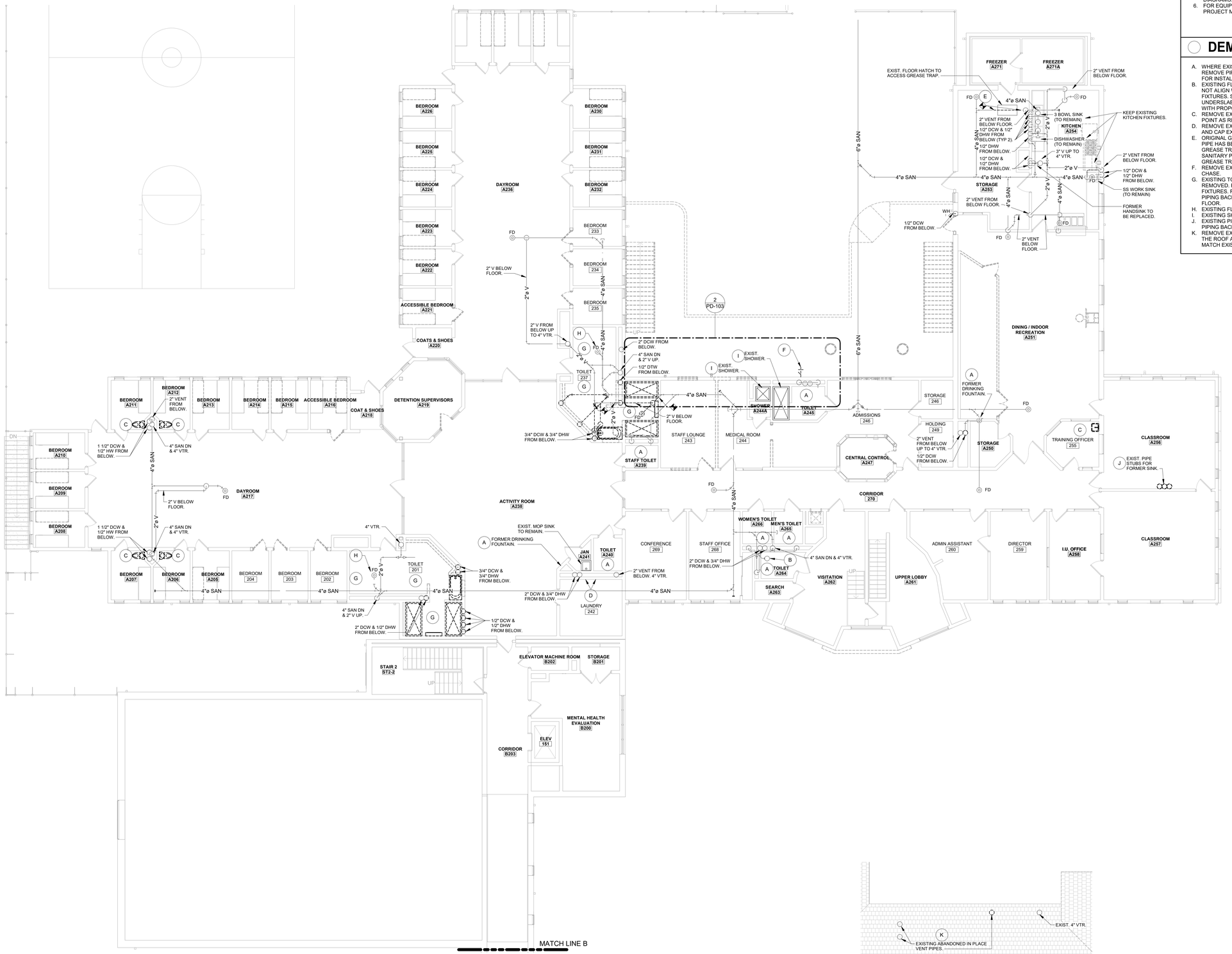
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. WHERE EXISTING PLUMBING FIXTURES HAVE BEEN REMOVED, REMOVE PIPING STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
B. EXISTING FLOOR MOUNTED WATER CLOSET DRAIN LOCATIONS WILL NOT ALIGN WITH PROPOSED LIGATURE RESISTANT SECURITY FIXTURES. SAWCUT FLOOR AS REQUIRED AND REMOVE EXISTING UNDERSLAB PIPING AS REQUIRED TO PROVIDE NEW PIPING TO ALIGN WITH PROPOSED FIXTURE.
C. REMOVE EXISTING PLUMBING FIXTURES. REMOVE PIPING BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
D. REMOVE EXISTING LAUNDRY WALL BOX SERVING FORMER WASHER AND CAP EXISTING PIPING BEYOND FINISHED WALL SURFACE.
E. ORIGINAL GREASE TRAP HAS BEEN DISCONNECTED AND A STRAIGHT PIPE HAS BEEN INSTALLED IN IT'S PLACE. REMOVE ABANDONED GREASE TRAP FROM CRAWLSPACE. REMOVE STRAIGHT SECTION OF SANITARY PIPE AS REQUIRED FOR INSTALLATION OF PROPOSED GREASE TRAP.
F. REMOVE EXISTING WALL HYDRANT AND CAP WITHIN PLUMBING CHASE.
G. EXISTING TOILETS, URINALS AND LAVATORIES HAVE ALREADY BEEN REMOVED. REMOVE EXISTING REMAINING SHOWERS AND TUB FIXTURES. REMOVE ANY REMAINING FIXTURE CARRIERS. REMOVE PIPING BACK TO MAINS AND CAP AT MAINS. CAP DRAINS BELOW FLOOR.
H. EXISTING FLOOR DRAIN TO REMAIN.
I. EXISTING SHOWER TO REMAIN.
J. EXISTING PIPE STUB FOR FIXTURE PREVIOUSLY REMOVED. REMOVE PIPING BACK TO A POINT BELOW THE FLOOR AND CAP.
K. REMOVE EXISTING ABANDONED IN PLACE PIPES TO A POINT BELOW THE ROOF AND CAP. COORDINATE WITH GC TO PATCH ROOF TO MATCH EXISTING.



1 **SECOND FLOOR DEMOLITION PLAN - PLAN A**

Scale: 1/8" = 1'-0"
0 4' 8' 16'

2 **PARTIAL ROOF PLAN**

Scale: 1/8" = 1'-0"
0 4' 8' 16'

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TO THE

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

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SECOND FLOOR DEMOLITION PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: PD-103
Drawn By: E.D.	Checked By: CRS

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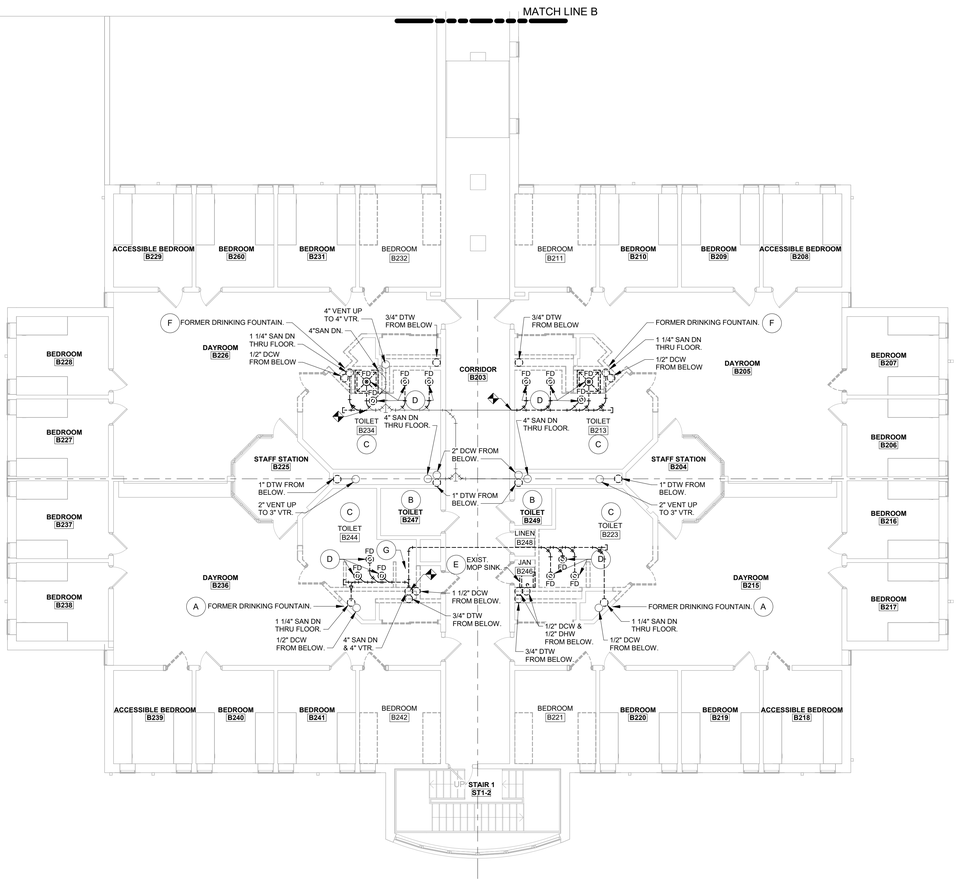

1 SECOND FLOOR DEMOLITION PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. WHERE FORMER DRINKING FOUNTAINS HAVE BEEN REMOVED FROM DAYROOMS B215 & B236 REMOVE DCW PIPING STUBS THRU WALL BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES AND REMOVE SANITARY PIPING DOWN THROUGH FLOOR.
B. REMOVE EXISTING PLUMBING FIXTURES. REMOVE PIPING BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
C. EXISTING TOILETS, LAVATORIES HAVE ALREADY BEEN REMOVED FROM EXISTING TOILET ROOMS B213, B223, B234, & B244. REMOVE ANY REMAINING FIXTURE CARRIERS. REMOVE PIPING BACK WITHIN CENTRAL CHASE WALLS TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
D. EXISTING STAINLESS STEEL SHOWERS HAVE ALREADY BEEN REMOVED FROM EXISTING TOILET ROOMS B213, B223, B234, & B244. REMOVE EXISTING REMAINING TILED SHOWER FIXTURES AND FLOOR DRAINS. REMOVE DOMESTIC WATER SUPPLY PIPING BACK TO BRANCH TAKEOFFS BELOW FLOOR AND CAP. REMOVE EXISTING SANITARY DRAIN PIPING BACK TO A POINT AS REQUIRED FOR INSTALLATION OF PROPOSED FIXTURES.
E. REMOVE EXISTING JANITOR SINK FROM EXISTING JAN B246. REMOVE DOMESTIC WATER SUPPLY PIPING BACK TO BRANCH TAKEOFFS BELOW FLOOR AND CAP. REMOVE EXISTING SANITARY DRAIN PIPING BACK TO BRANCH TAKEOFF BELOW FLOOR AND CAP.
F. WHERE FORMER DRINKING FOUNTAINS HAVE BEEN REMOVED FROM DAYROOMS B205 & B226 REMOVE DOMESTIC WATER SUPPLY PIPING BACK TO BRANCH TAKEOFF BELOW FLOOR AND CAP. REMOVE EXISTING SANITARY DRAIN PIPING BACK TO BRANCH TAKEOFF BELOW FLOOR AND CAP.
G. EXISTING TOILET ADJACENT TO SHOWERS IN EXISTING TOILET ROOM B244 HAS ALREADY BEEN REMOVED. REMOVE ANY REMAINING FIXTURE CARRIERS. REMOVE DOMESTIC WATER SUPPLY PIPING BACK TO BRANCH TAKEOFFS BELOW FLOOR AND CAP. REMOVE EXISTING SANITARY DRAIN PIPING BACK TO BRANCH TAKEOFF BELOW FLOOR AND CAP.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR DEMOLITION PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: PD-104
Drawn By: E.D.	Checked By: CRS

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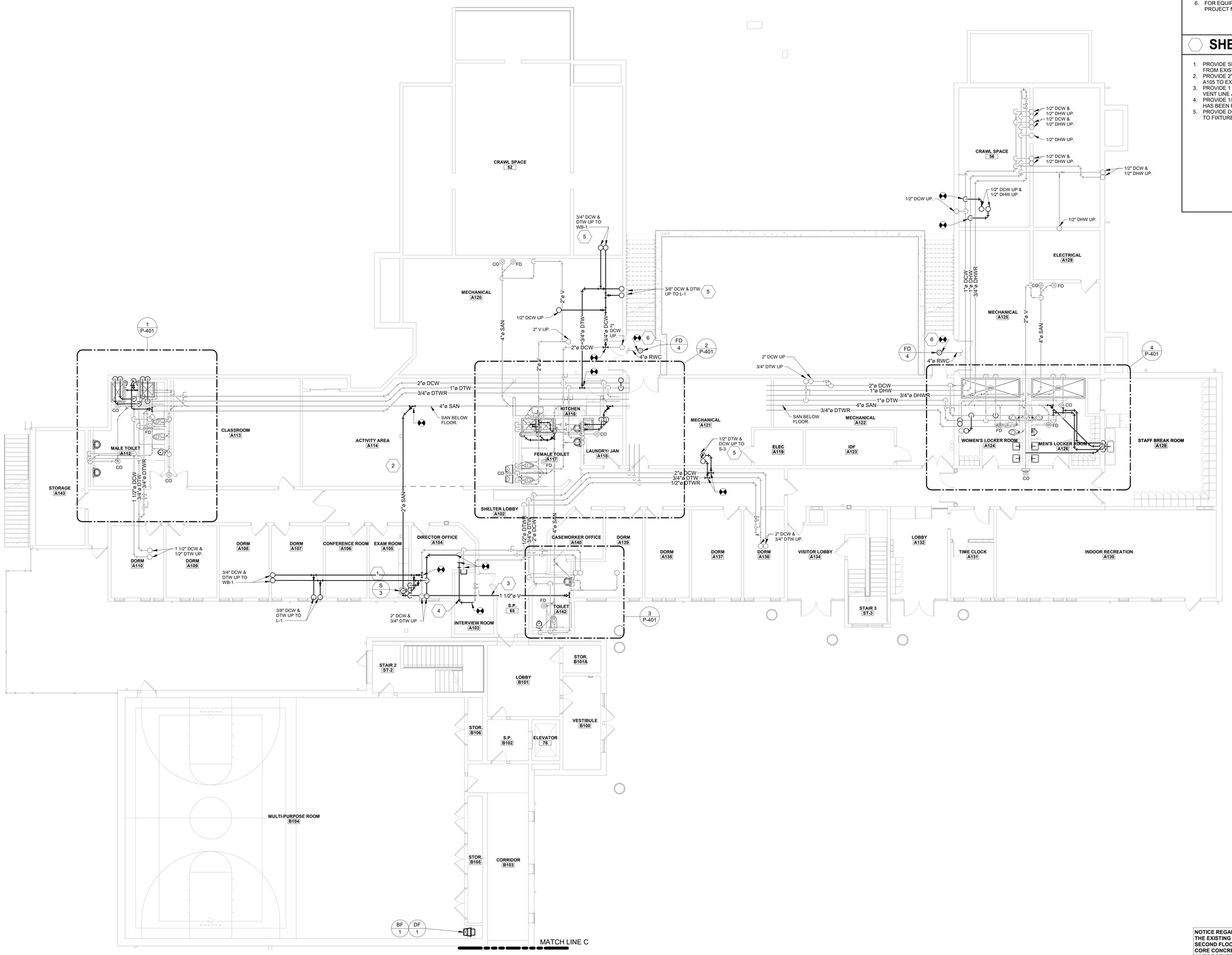
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE SINK IN EXAM ROOM A105 AND PROVIDE 1/2" DCW AND DTW FROM EXISTING LINES ABOVE DIRECTORS OFFICE A104.
2. PROVIDE 2" UNDERFLOOR DRAIN PIPING FROM SINK IN EXAM ROOM A105 TO EXISTING 4" MAIN. PROVIDE SAW CUTTING OF FLOOR.
3. PROVIDE 1 1/2" VENT FROM SINK IN EXAM ROOM A105 TO EXISTING VENT LINE ABOVE DORM A139.
4. PROVIDE 1/2" DTW PIPE TO RECONNECT DTW TO DTWR WHERE PIPING HAS BEEN REMOVED.
5. PROVIDE DCW AND DTW PIPING FROM EXISTING MAINS IN CEILING UP TO FIXTURES ABOVE.



1 **FIRST FLOOR PLAN - AREA A**

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

0 4' 8' 16'

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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FOR

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1261 COUNTY WELFARE ROAD
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No.	Date	Issue or Revision
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Drawing Title

FIRST FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-101
Drawn By: E.D. / Checked By: CRS	

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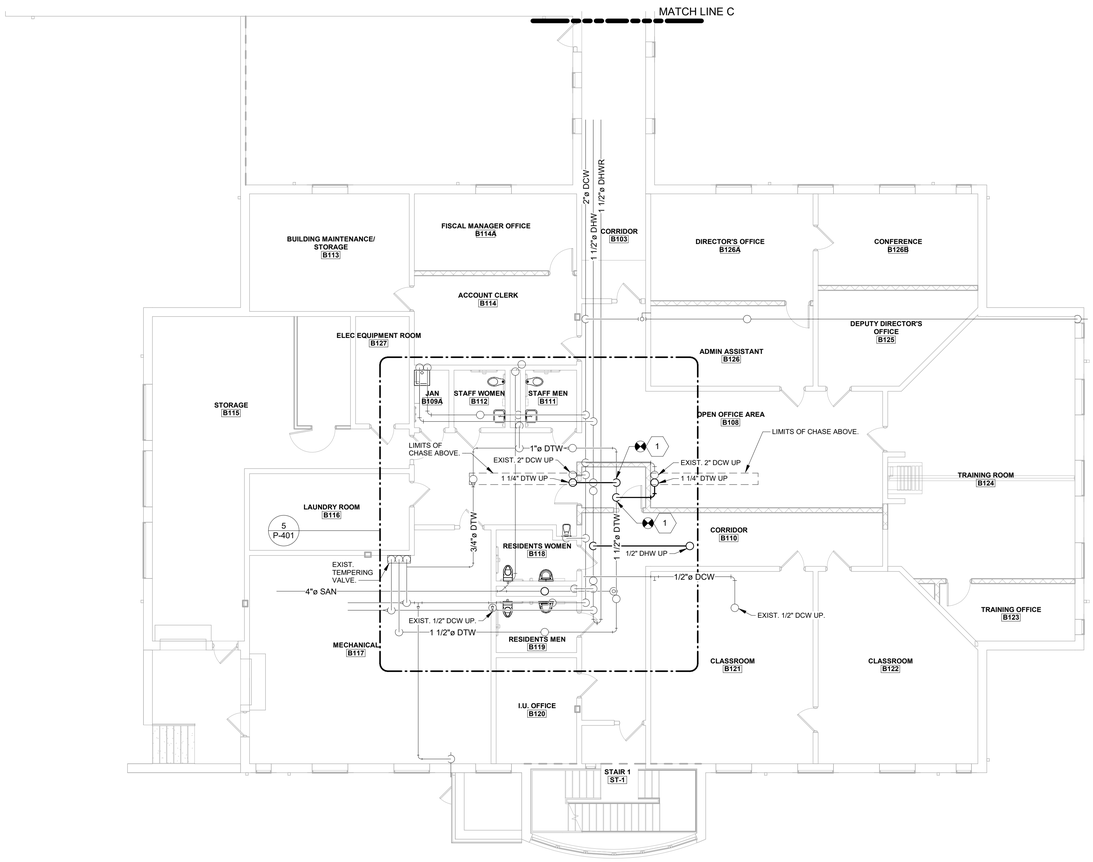

1 FIRST FLOOR PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE 1 1/4" DTW TO BATHROOM CHASE ABOVE FROM EXISTING DTW LOOP TO SERVE SECOND FLOOR FIXTURES.

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-102
Drawn By: E.D.	Checked By: CRS

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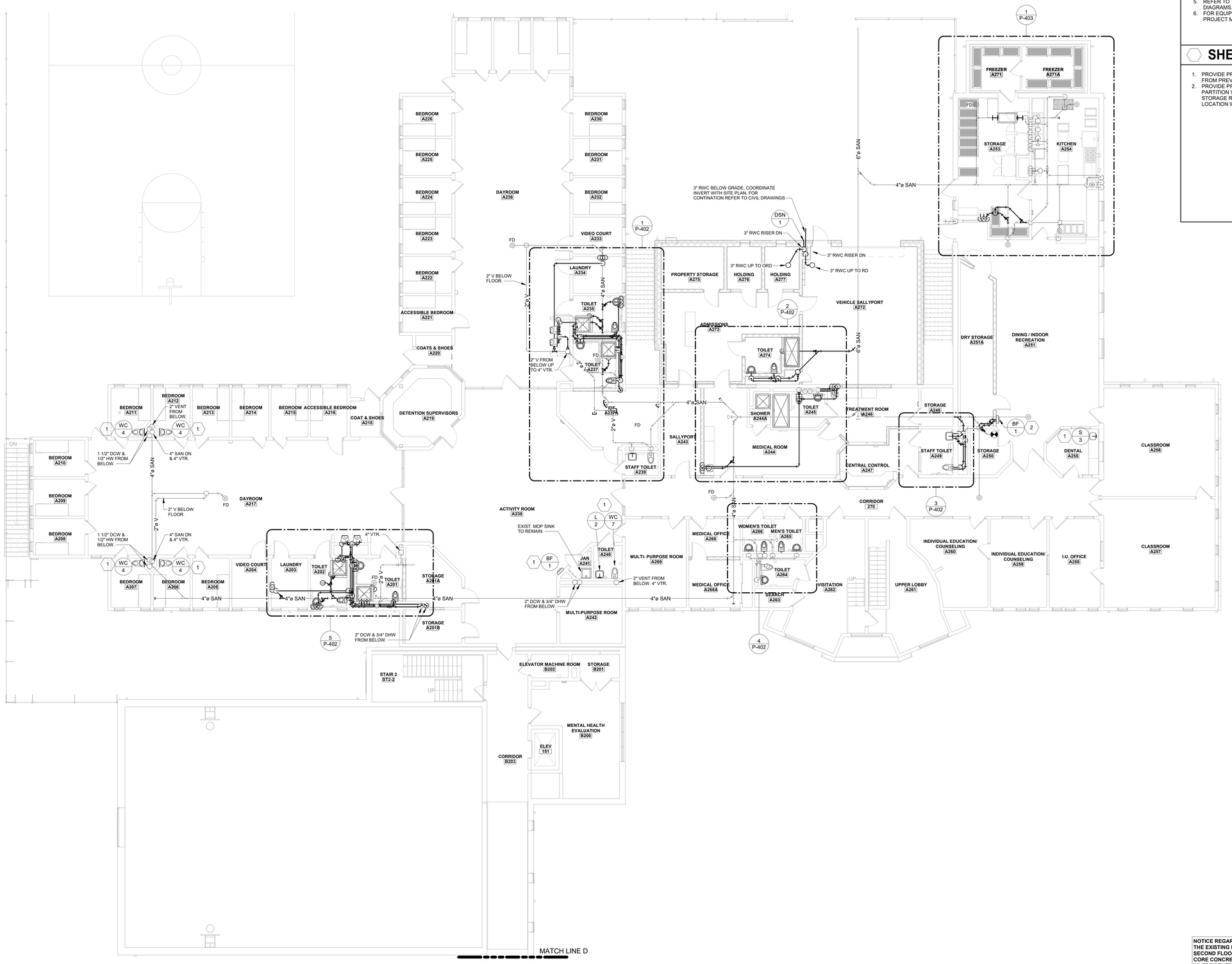
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE PROPOSED FIXTURE AS INDICATED. EXTEND EXISTING PIPING FROM PREVIOUSLY REMOVED FIXTURE TO PROPOSED FIXTURE.
2. PROVIDE PROPOSED BOTTLE FILL STATION ON NEW STORAGE ROOM PARTITION WALL AS INDICATED. EXTEND EXISTING PIPING ALONG STORAGE ROOM WALL FROM PREVIOUSLY REMOVED FIXTURE LOCATION WITHIN STORAGE ROOM TO PROPOSED FIXTURE.



2 SECOND FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"
0 4' 8' 16'

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-103
Drawn By: E.D.	Checked By: CRS

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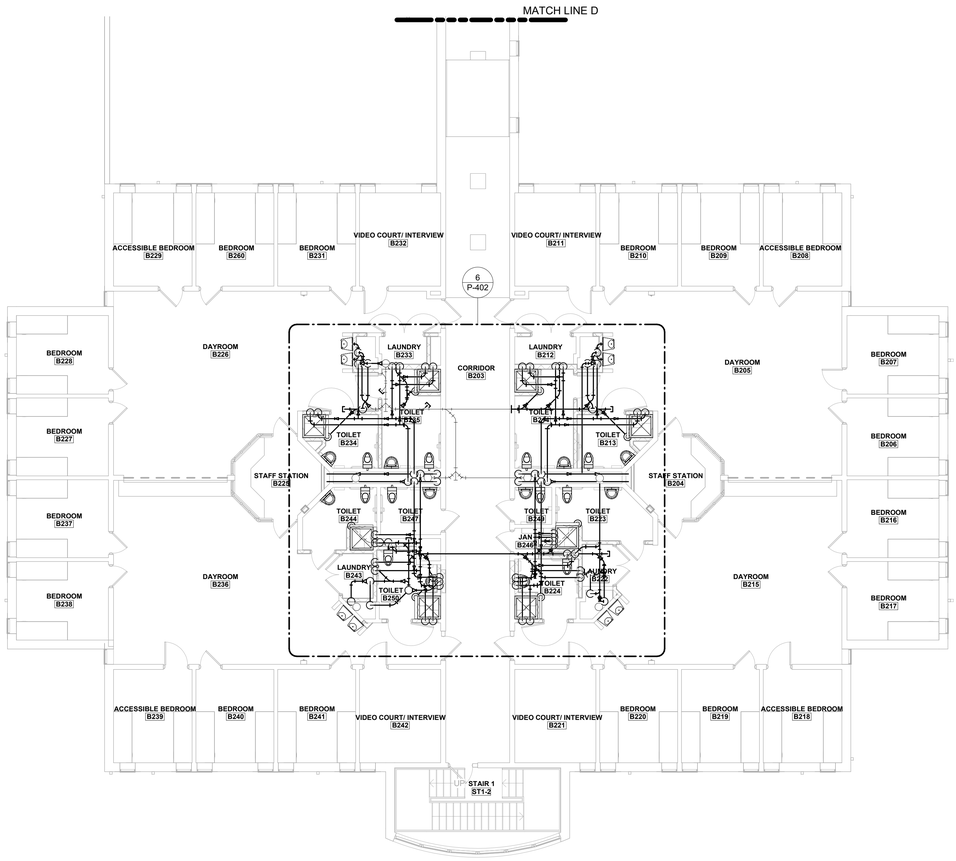
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.



1 **SECOND FLOOR PLAN - AREA B**

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

0 4' 8' 16'

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-104
Drawn By: E.D.	Checked By: CRS

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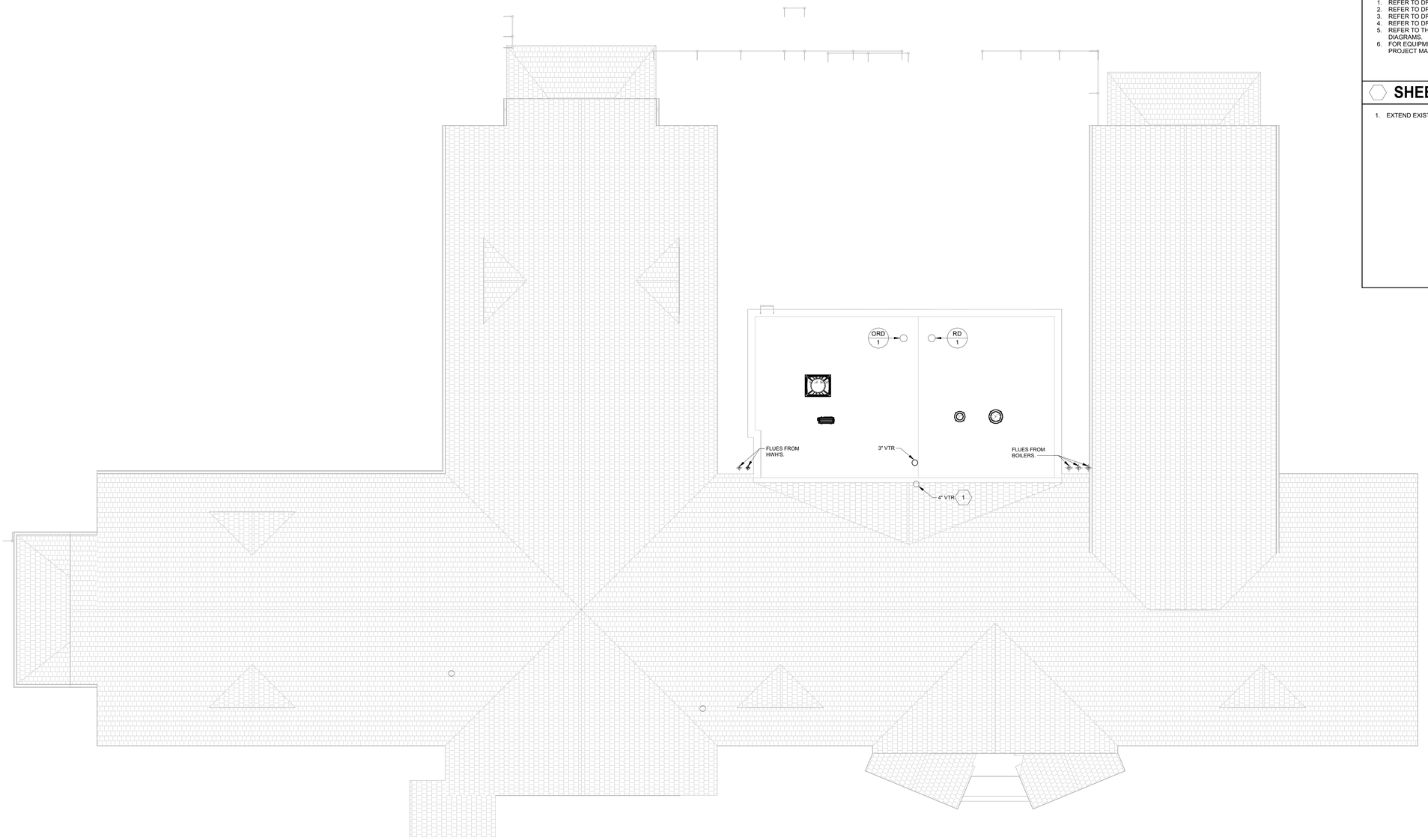

1 **ROOF PLAN**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXTEND EXISTING 4" VTR UP THROUGH NEW ROOF CRICKET.

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ROOF PLAN

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-105
Drawn By: E.D.	Checked By: CRS

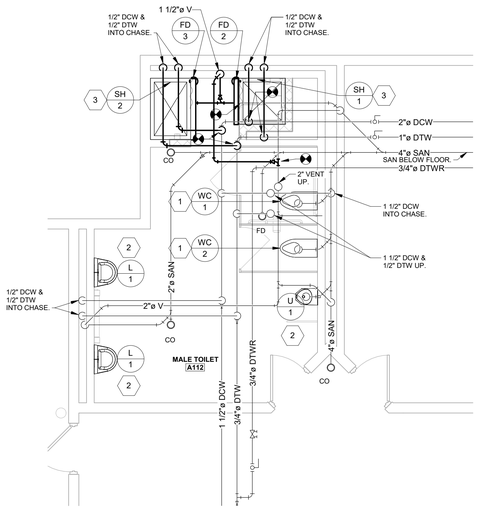
9/21/2026 3:15:50 PM

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING FLOOR MOUNTED WATER CLOSET DRAIN LOCATIONS WILL NOT ALIGN WITH PROPOSED LIGATURE RESISTANT SECURITY FIXTURES. SAWCUT FLOOR AS REQUIRED AND REMOVE EXISTING UNDERSLAB PIPING AS REQUIRED TO PROVIDE NEW PIPING TO ALIGN WITH PROPOSED FIXTURE.
2. PROVIDE PROPOSED FIXTURE AS INDICATED. EXTEND EXISTING PIPING FROM PREVIOUSLY REMOVED FIXTURE TO PROPOSED FIXTURE.
3. PROVIDE DCW & DTW TO PROPOSED SHOWER VALVE.
4. PROVIDE DCW & DTW FROM EXISTING BRANCH TAKEOFFS TO PROPOSED LAUNDRY WALL BOX. PROVIDE DRAIN FROM WALLBOX TO EXISTIN UNDERSLAB SANITARY. SAWCUT FLOOR AS REQUIRED FOR PROPOSED DRAIN.
5. PROVIDE COUNTER TOP SINK IN STAFF BREAK ROOM A128. CUT SLAB IN MENS LOCKER ROOM FOR DRAIN. PROVIDE DCW, DTW, SAN, & VENT FROM ADJACENT PIPING IN MENS LOCKER ROOM.
6. PROVIDE 3/4" DTW UP TO LAVATORIES ABOVE FROM FORMER 1/2" DTW BRANCH TAKEOFF.
7. BF-1 INSTALLED ABOVE DF-1. EXTEND PIPING FROM DF-1 TO BF-1.
8. PROVIDE 1 1/4" DTW TO BATHROOM CHASE ABOVE FROM EXISTING DTW LOOP TO SERVE SECOND FLOOR FIXTURES.
9. PROVIDE 1/2" DHW TO MOP SINK ON SECOND FLOOR FROM EXISTING DHW MAIN.

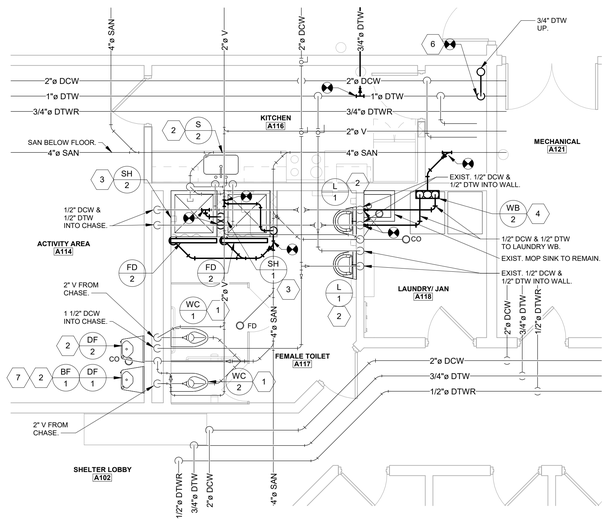


1 ENLARGED FIRST FLOOR PLAN - AREA A

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

0 2' 4' 8'

REFER TO RISER DIAGRAMS 1 & 2 ON SHEET P-601 FOR PIPING IN THIS AREA.

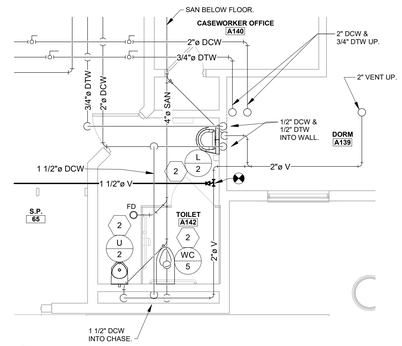


2 ENLARGED FIRST FLOOR PLAN - AREA A

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

0 2' 4' 8'

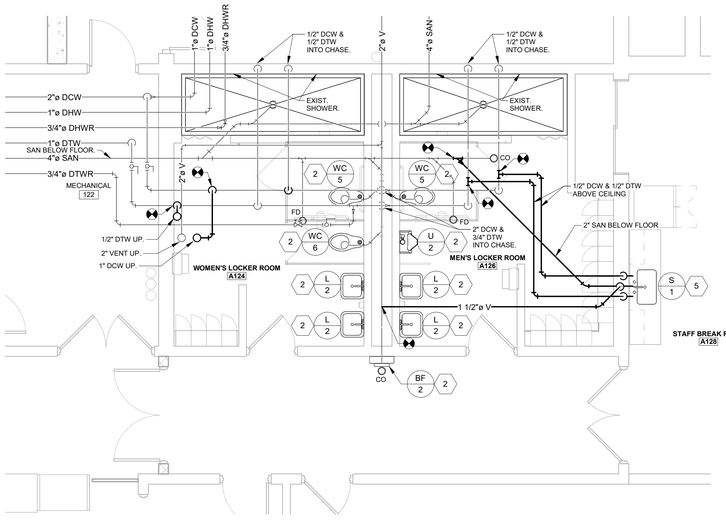
REFER TO RISER DIAGRAMS 3 & 4 ON SHEET P-601 FOR PIPING IN THIS AREA.



3 ENLARGED FIRST FLOOR PLAN - AREA A

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

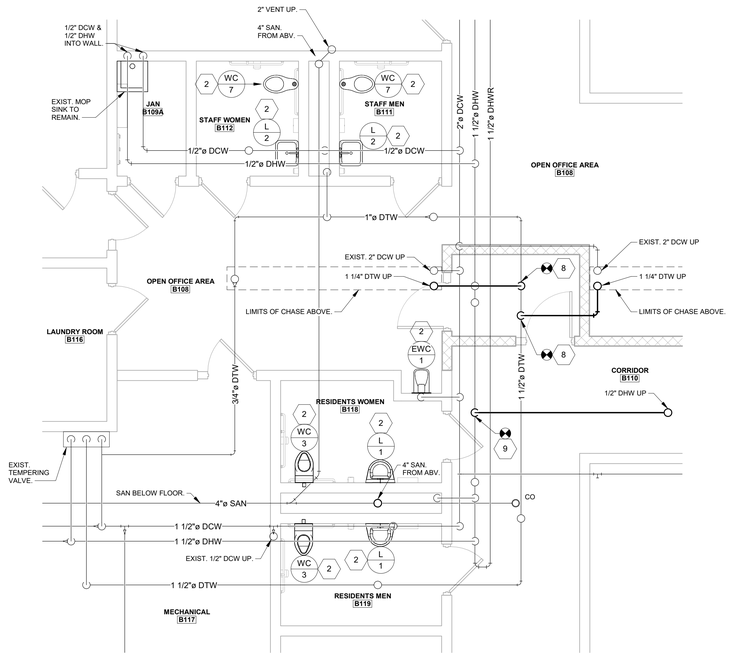
0 2' 4' 8'



4 ENLARGED FIRST FLOOR PLAN - AREA A

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

0 2' 4' 8'



5 ENLARGED FIRST FLOOR PLAN - AREA B

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

0 2' 4' 8'

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
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TO THE

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ENLARGED PLUMBING PLANS

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-401
Drawn By: E.D.	Checked By: CRS

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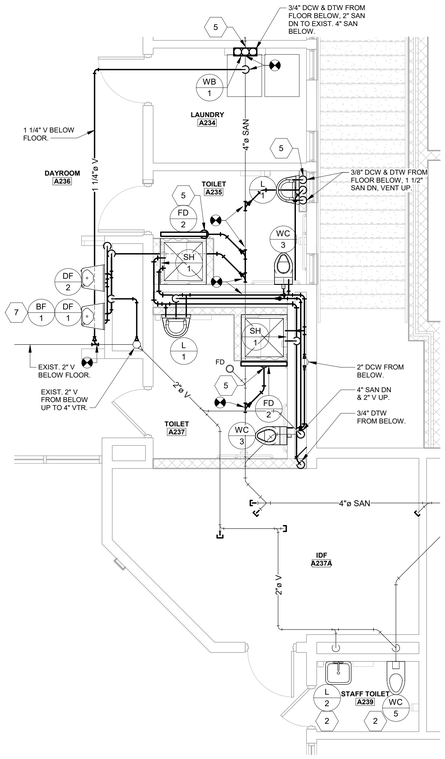
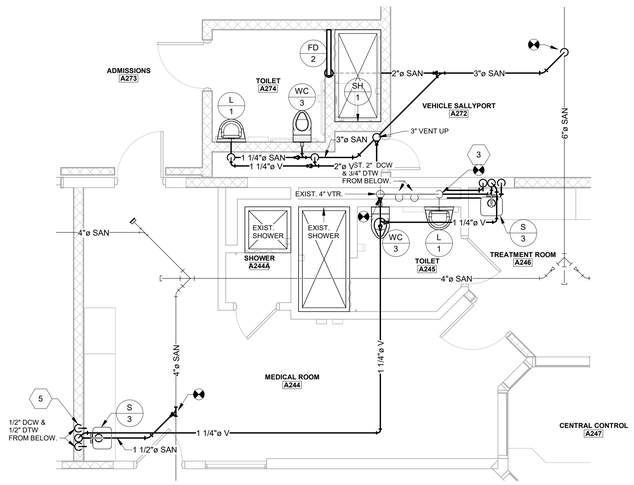


1 ENLARGED SECOND FLOOR PLAN - AREA A

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

0 2' 4' 8'

REFER TO RISER DIAGRAMS 1 & 2 ON SHEET P-602 FOR PIPING IN THIS AREA.

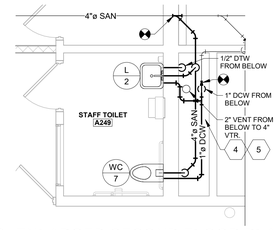


2 ENLARGED SECOND FLOOR PLAN - AREA A

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

0 2' 4' 8'

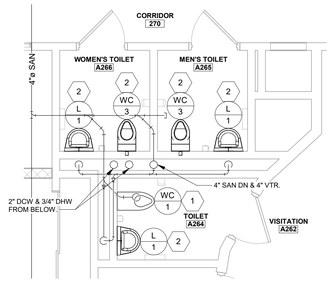
REFER TO RISER DIAGRAMS 3 & 4 ON SHEET P-602 FOR PIPING IN THIS AREA.



3 ENLARGED SECOND FLOOR PLAN - AREA A

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

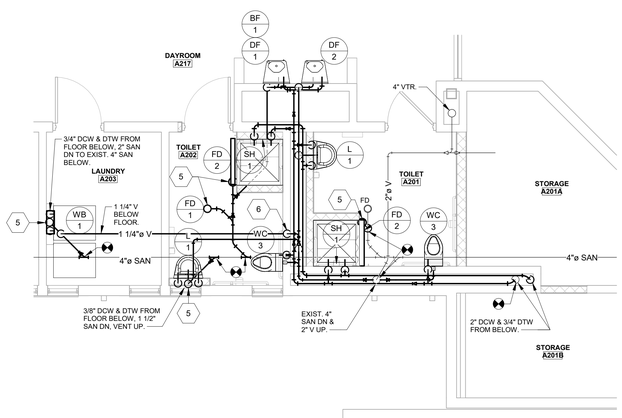
0 2' 4' 8'



4 ENLARGED SECOND FLOOR PLAN - AREA A

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

0 2' 4' 8'

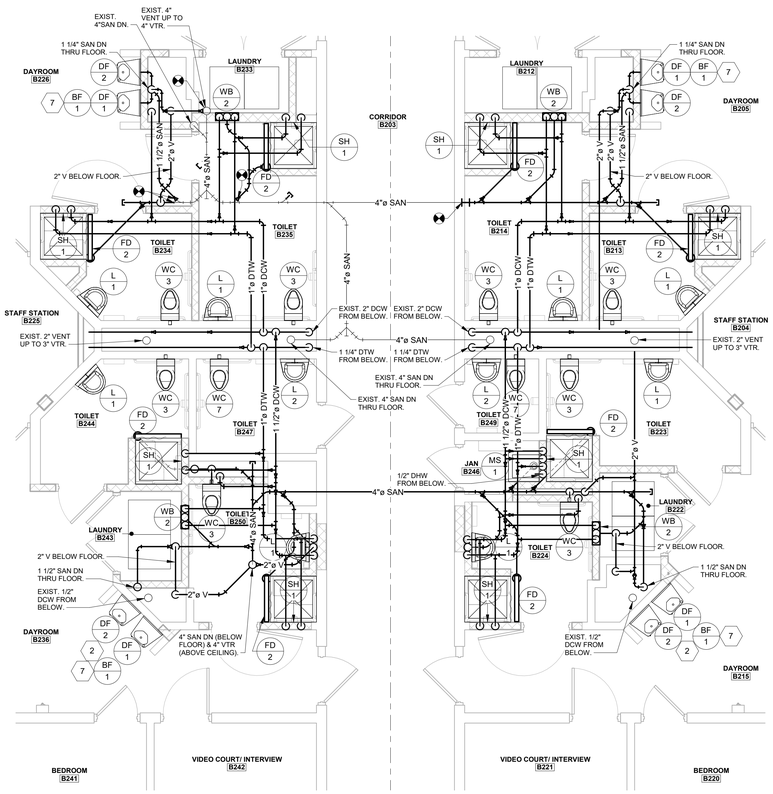


5 ENLARGED SECOND FLOOR PLAN - AREA A

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

0 2' 4' 8'

REFER TO RISER DIAGRAMS 5 & 6 ON SHEET P-602 FOR PIPING IN THIS AREA.



6 ENLARGED SECOND FLOOR PLAN - AREA B

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

0 2' 4' 8'

REFER TO RISER DIAGRAMS 1, 2, & 3 ON SHEET P-603 FOR PIPING IN THIS AREA.

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
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GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXISTING FLOOR MOUNTED WATER CLOSET DRAIN LOCATIONS WILL NOT ALIGN WITH PROPOSED LIGATURE RESISTANT SECURITY FIXTURES. SAWCUT FLOOR AS REQUIRED AND REMOVE EXISTING UNDERSLAB PIPING AS REQUIRED TO PROVIDE NEW PIPING TO ALIGN WITH PROPOSED FIXTURE.
2. PROVIDE PROPOSED FIXTURE AS INDICATED. EXTEND EXISTING PIPING FROM PREVIOUSLY REMOVED FIXTURE TO PROPOSED FIXTURE.
3. CONNECT DOMESTIC WATER AND SANITARY PIPING SERVING SINK S-3 IN TREATMENT ROOM A246 TO EXISTING PIPING IN CHASE SERVING FIXTURES IN TOILET A245.
4. PROVIDE SAN, DCW, & DTW FROM PIPING ABOVE WOMENS LOCKER A124 BELOW TO PROPOSED LAVATORY AND WATER CLOSET IN STAFF TOILET A249. PROVIDE VENT FORM PROPOSED FIXTURES TO EXISTING VENT THRU ROOF.
5. FIXTURE PIPING SERVED FROM BELOW. COORDINATE EXACT LOCATIONS OF PENETRATIONS WITH SCANS OF CONCRETE PLANKS.
6. VENT UP FROM BELOW INTO PLUMBING CHASE. COORDINATE EXACT LOCATION OF PENETRATION WITH SCANS OF CONCRETE PLANKS.
7. BF-1 INSTALLED ABOVE DF-1. EXTEND PIPING FROM DF-1 TO BF-1.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ENLARGED PLUMBING PLANS

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-402
Drawn By: E.D.	Checked By: CRS

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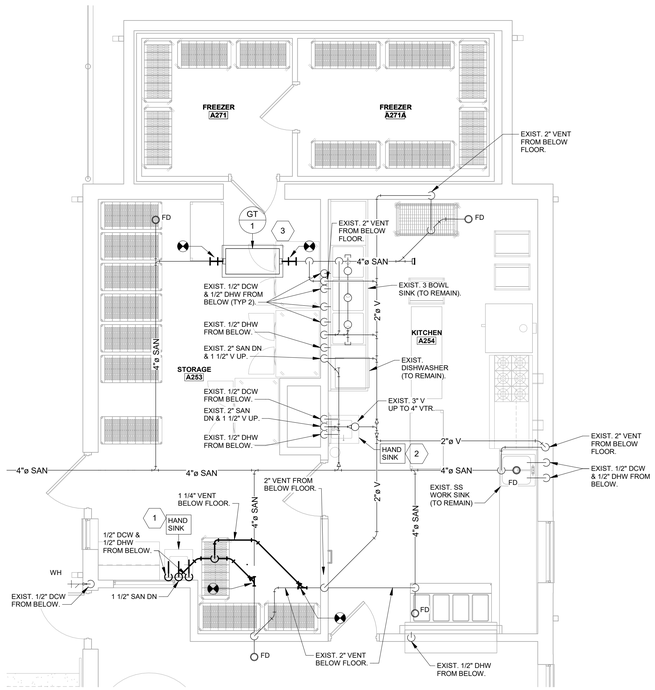

1 ENLARGED KITCHEN PLUMBING PLAN

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

0 2' 4' 8'

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. HAND SINK FURNISHED AND INSTALLED BY KITCHEN MANUFACTURER. PLUMBING CONTRACTOR SHALL PROVIDE PIPING AND FINAL CONNECTIONS TO THE SINK.
2. HAND SINK FURNISHED AND INSTALLED BY KITCHEN MANUFACTURER. PLUMBING CONTRACTOR SHALL PROVIDE PIPING AND FINAL CONNECTIONS TO THE SINK. EXTEND PIPING FROM EXISTING PIPING STUBS AT WALL TO PROPOSED FIXTURE.
3. PROVIDE NEW GREASE TRAP BELOW EXISTING ACCESS HATCH IN LOCATION WHERE PREVIOUS GREASE TRAP WAS REMOVED.

NOTICE REGARDING BUILDING STRUCTURE:
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TO THE
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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
ENLARGED PLUMBING PLANS

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-403
Drawn By: E.D.	Checked By: CRS

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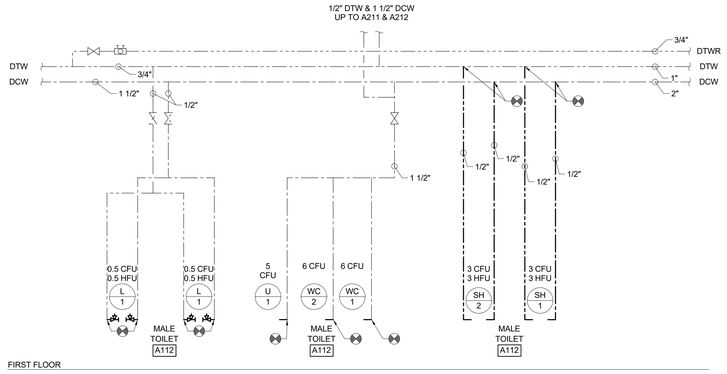
GENERAL SHEET NOTES

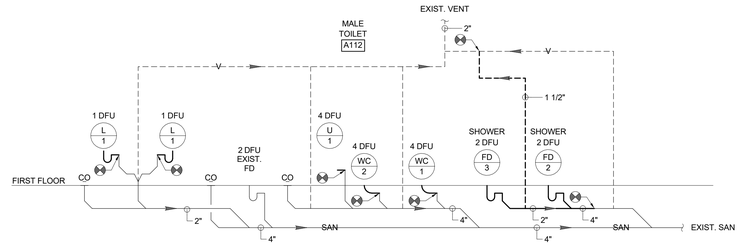
1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO DRAWING P-60# SERIES FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.



1 PARTIAL DOMESTIC RISER

SCALE: NO SCALE

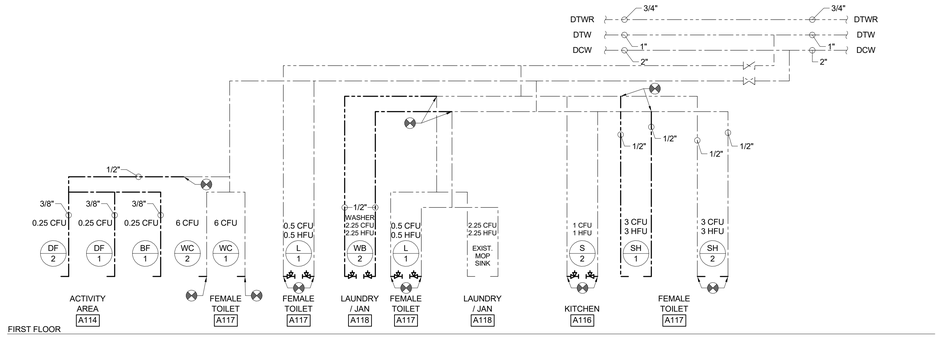
REFER TO PLAN 1 ON DRAWING P-401



2 PARTIAL SANITARY RISER

SCALE: NO SCALE

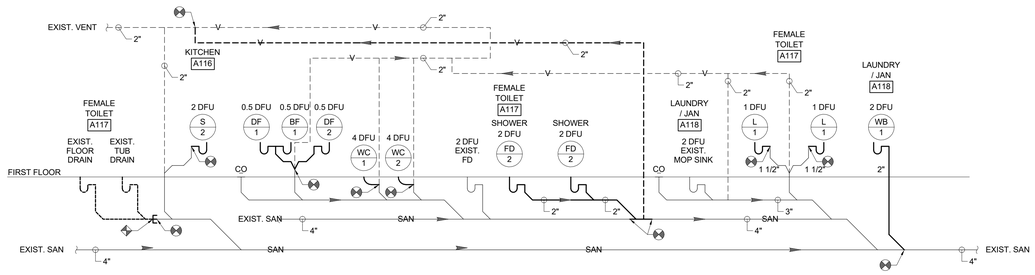
REFER TO PLAN 1 ON DRAWING P-401



3 PARTIAL DOMESTIC RISER

SCALE: NO SCALE

REFER TO PLAN 2 ON DRAWING P-401



4 PARTIAL SANITARY RISER

SCALE: NO SCALE

REFER TO PLAN 2 ON DRAWING P-401

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
RISER DIAGRAMS

Scale	USA Project No.
	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-601
Drawn By: BLW	Checked By: CRS

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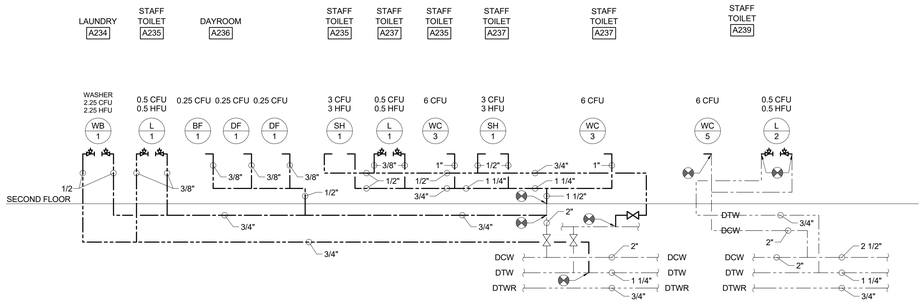
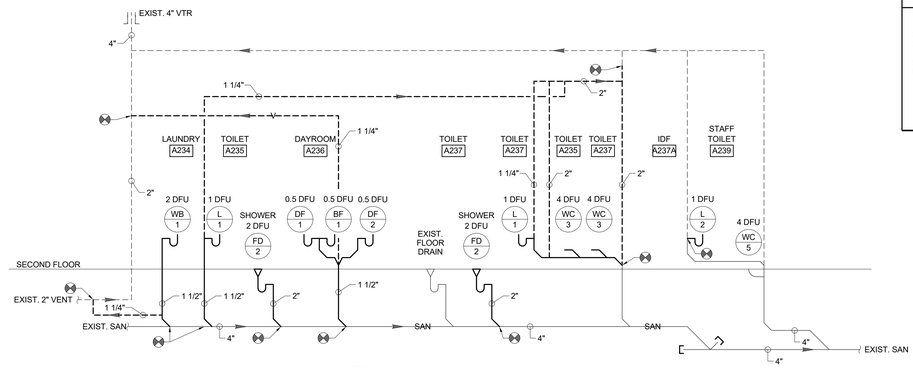


1 PARTIAL DOMESTIC RISER

SCALE: NO SCALE

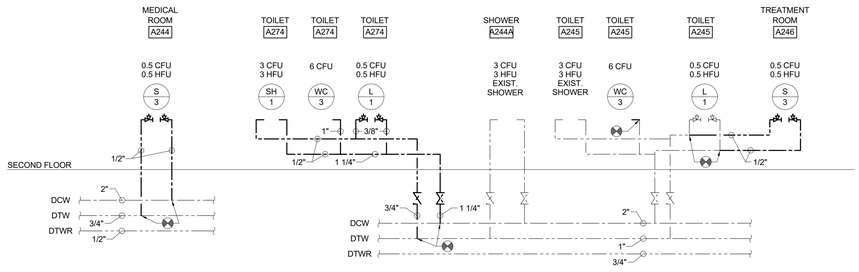
REFER TO PLAN 1 ON DRAWING P-402.



2 PARTIAL SANITARY RISER

SCALE: NO SCALE

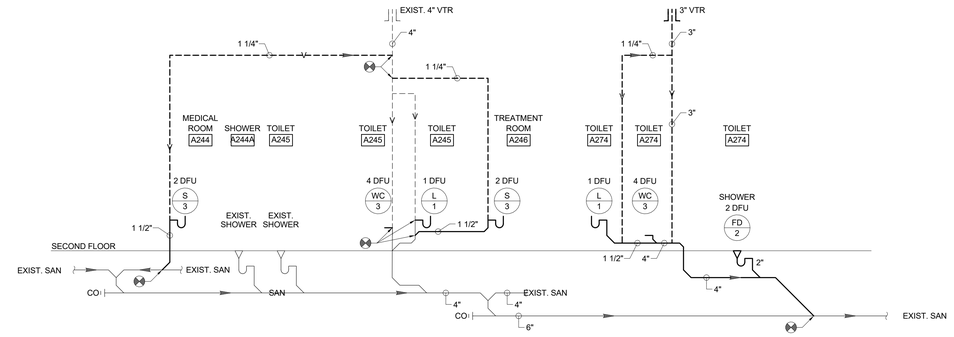
REFER TO PLAN 1 ON DRAWING P-402.



3 PARTIAL DOMESTIC RISER

SCALE: NO SCALE

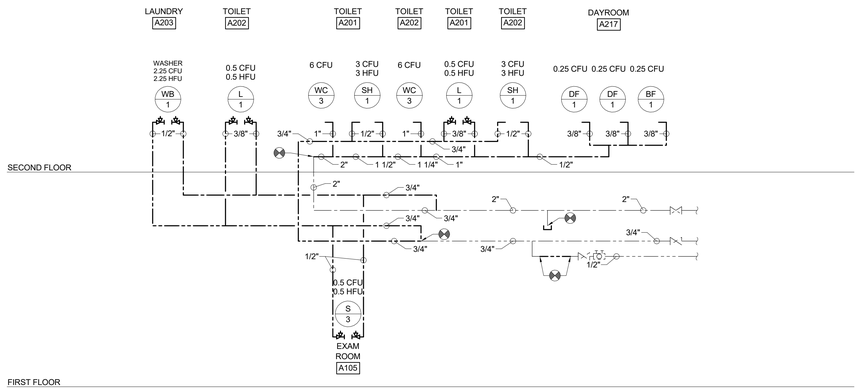
REFER TO PLAN 2 ON DRAWING P-402.



4 PARTIAL SANITARY RISER

SCALE: NO SCALE

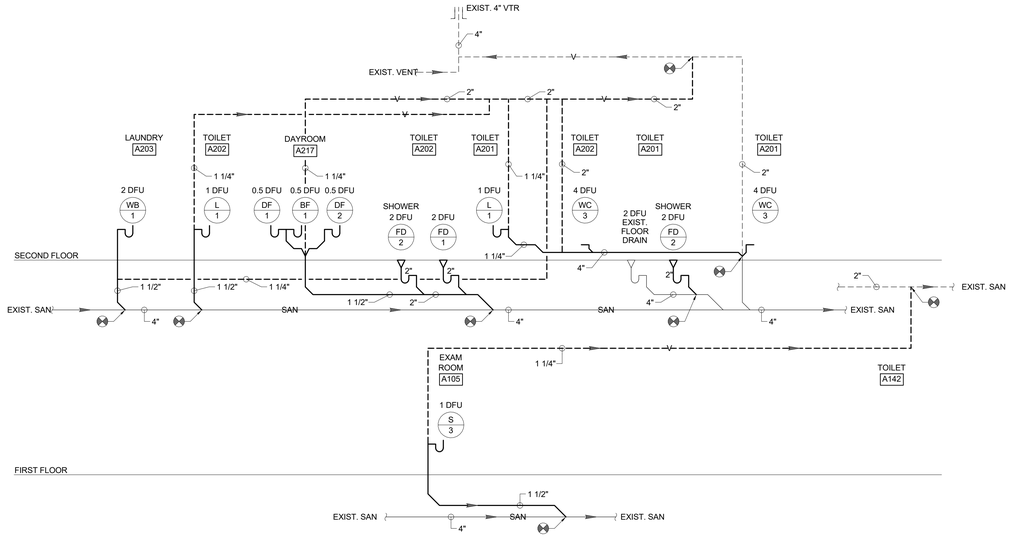
REFER TO PLAN 2 ON DRAWING P-402.



5 PARTIAL DOMESTIC RISER

SCALE: NO SCALE

REFER TO PLAN 3 ON DRAWING P-402.



6 PARTIAL SANITARY RISER

SCALE: NO SCALE

REFER TO PLAN 3 ON DRAWING P-402.

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO DRAWING P-60# SERIES FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

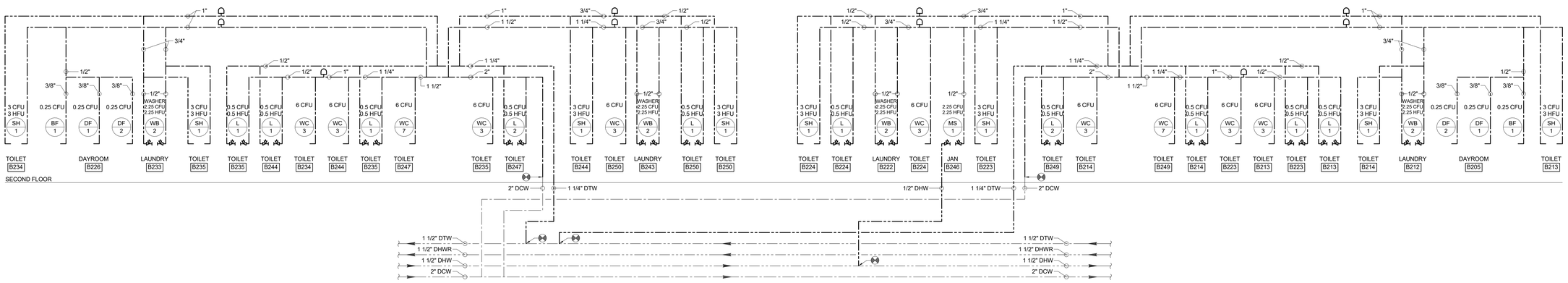
RISER DIAGRAMS

Scale	USA Project No.
	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-602
Drawn By: BLW	Checked By: CRS

9/30/2026 8:45:29 AM

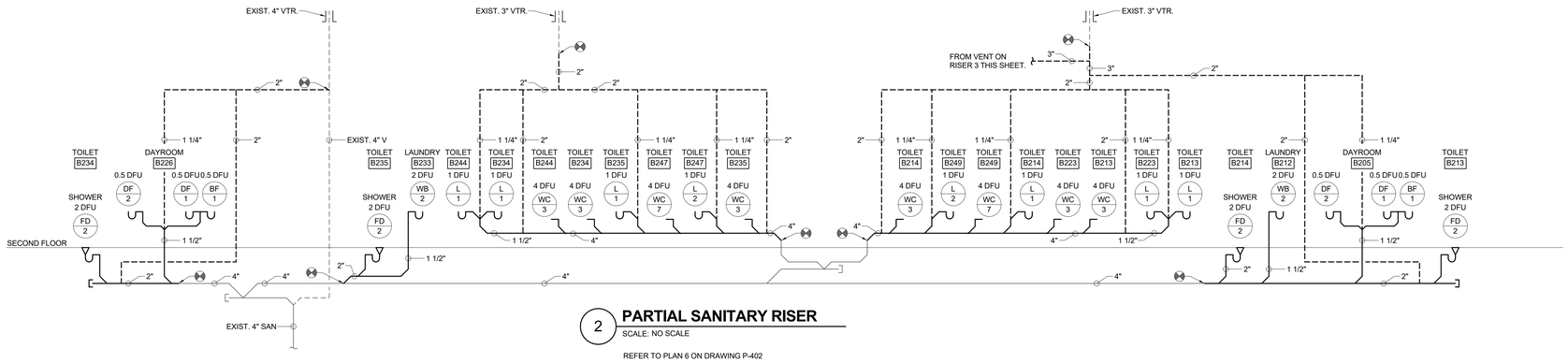
GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO DRAWING P-60# SERIES FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.



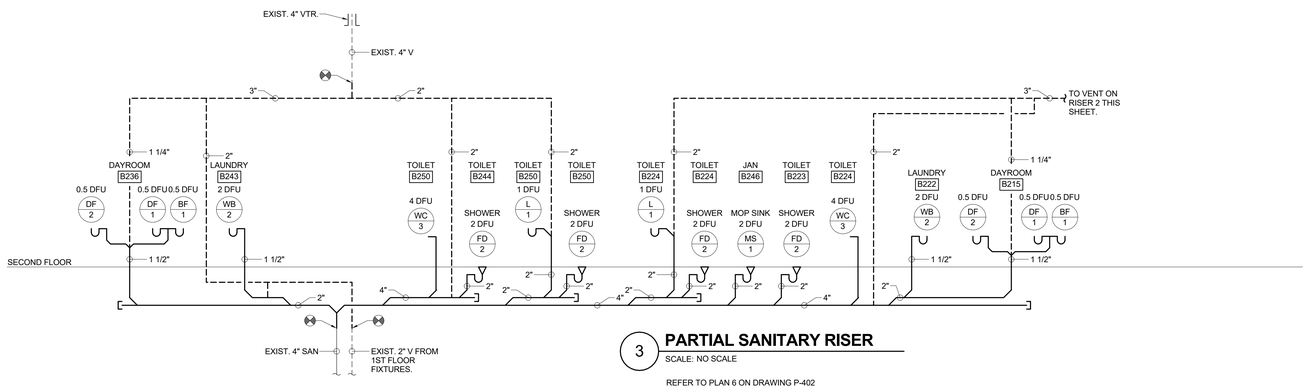
1 **PARTIAL DOMESTIC RISER**
SCALE: NO SCALE

REFER TO PLAN 6 ON DRAWING P-402



2 **PARTIAL SANITARY RISER**
SCALE: NO SCALE

REFER TO PLAN 6 ON DRAWING P-402



3 **PARTIAL SANITARY RISER**
SCALE: NO SCALE

REFER TO PLAN 6 ON DRAWING P-402

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

RISER DIAGRAMS

Scale	USA Project No.
	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: P-603
Drawn By: E.D.	Checked By: CRS

9/21/2026 3:17:08 PM

PLUMBING FIXTURE SCHEDULE

ITEM NO.	DESCRIPTION	MOUNTING HEIGHT	PIPING CONNECTIONS					FIXTURE BASIS OF DESIGN		FAUCET / FLUSHVALVE BASIS OF DESIGN		CARRIER BASIS OF DESIGN		NOTES
			DRAIN	VENT	DCW	DHW	DTW	MANUFACTURER	MODEL	MANUFACTURER	MODEL	MANUFACTURER	SERIES	
WC-1	LIGATURE RESISTANT FLOOR OUTLET WALL ANCHOR ADA WATER CLOSET	18"	4"	2"	1"	--	--	ACORN SECURE-CARE	LR1695-W-ADA	ACORN SECURE-CARE	FVH	--	--	1
WC-2	LIGATURE RESISTANT FLOOR OUTLET WALL ANCHOR WATER CLOSET	15"	4"	2"	1"	--	--	ACORN SECURE-CARE	LR1695-W	ACORN SECURE-CARE	FVH	--	--	1
WC-3	LIGATURE RESISTANT WALL OUTLET WALL ANCHOR ADA WATER CLOSET	18"	4"	2"	1"	--	--	ACORN SECURE-CARE	LR1684-W-ADA	ACORN SECURE-CARE	FVH	--	--	1
WC-4	LIGATURE RESISTANT WALL OUTLET WALL ANCHOR COMBO LAVATORY & WATER CLOSET	15"	4"	2"	1"	--	3/8"	ACORN SECURE-CARE	LR1415-CT-2	ACORN SECURE-CARE	04-M / FVH	--	--	--
WC-5	FLOOR MOUNT ADA WATER CLOSET	16-1/2"	4"	2"	1"	--	--	AMERICAN STANDARD	3043.001	SLOAN	ECOS 8111 BT DF	--	--	2
WC-6	FLOOR MOUNT WATER CLOSET	15"	4"	2"	1"	--	--	AMERICAN STANDARD	3451.001	SLOAN	ECOS 8111 BT DF	--	--	2
WC-7	WALL MOUNT ADA WATER CLOSET	17"	4"	2"	1"	--	--	AMERICAN STANDARD	2257.101	SLOAN	ECOS 8111 BT DF	JAY R. SMITH	0211	2, 3
U-1	LIGATURE RESISTANT URINAL ADA	17"	2"	1 1/2"	3/4"	--	--	ACORN SECURE-CARE	LR1709FG-W-1	ACORN SECURE-CARE	FVH	--	--	1
U-2	URINAL ADA	17"	2"	1 1/2"	3/4"	--	--	AMERICAN STANDARD	6590.001	SLOAN	G2 8186 BT	JAY R. SMITH	0636	--
L-1	LIGATURE RESISTANT WALL MOUNTED LAVATORY	34"	1 1/4"	1 1/4"	3/8"	--	3/8"	ACORN SECURE-CARE	LR1653-1-04-M	ACORN SECURE-CARE	04-M	--	--	--
L-2	WALL MOUNTED LAVATORY	34"	1 1/4"	1 1/4"	3/8"	--	3/8"	AMERICAN STANDARD	355.012	DELTA	505	JAY R. SMITH	0700-19	4, 5
SH-1	LIGATURE RESISTANT ADA SHOWER	72"/48'	2"	1 1/2"	1/2"	--	1/2"	ACORN SECURE-CARE	LR1741ADAFA	ACORN SECURE-CARE	04-M-MA2	--	--	--
SH-2	LIGATURE RESISTANT SHOWER	72"	2"	1 1/2"	1/2"	--	1/2"	ACORN SECURE-CARE	LR1741FA	ACORN SECURE-CARE	04-M	--	--	--
DF-1	LIGATURE RESISTANT DRINKING FOUNTAIN ADA	33"	1 1/4"	1 1/4"	3/8"	--	--	ACORN SECURE-CARE	LR1672FA-1	ACORN SECURE-CARE	03	--	--	--
DF-2	LIGATURE RESISTANT DRINKING FOUNTAIN	38"	1 1/4"	1 1/4"	3/8"	--	--	ACORN SECURE-CARE	LR1672FA-1	ACORN SECURE-CARE	03	--	--	--
BF-1	LIGATURE RESISTANT BOTTLE FILLING STATION	38"	1 1/4"	1 1/4"	3/8"	--	--	ACORN SECURE-CARE	LR1671	--	--	--	--	--
BF-2	BOTTLE FILLING STATION WITH COOLER	34"	1 1/4"	1 1/4"	3/8"	--	--	ELKAY	LZ8WSSSMC	--	--	--	--	--
EWC-1	SINGLE ADA ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION	32-7/8"	1 1/4"	1 1/4"	3/8"	--	--	ELKAY	LZSG8WSSK	--	--	JAY R. SMITH	0800	--
FD-1	LIGATURE RESISTANT FLOOR DRAIN ROUND	--	2"	1 1/2"	--	--	--	--	--	WHITEHALL	WHFD-5RD-2NH	--	--	--
FD-2	LIGATURE RESISTANT LINEAR DRAIN - 36"	--	2"	1 1/2"	--	--	--	--	--	WHITEHALL	WHLD-36F	--	--	--
FD-3	LIGATURE RESISTANT LINEAR DRAIN - 48"	--	2"	1 1/2"	--	--	--	--	--	WHITEHALL	WHLD-48F	--	--	--
FD-4	FLOOR DRAIN	--	4"	--	--	--	--	JAY R. SMITH	2280	--	--	--	--	8
RD-1	ROOF DRAIN	--	3"	--	--	--	--	JAY R. SMITH	1010	--	--	--	--	--
ORD-1	OVERFLOW ROOF DRAIN	--	3"	--	--	--	--	JAY R. SMITH	1080	--	--	--	--	--
DSN-1	DOWNSPOUT NOZZLE	--	3"	--	--	--	--	JAY R. SMITH	1770	--	--	--	--	--
S-1	KITCHEN SINK	--	1 1/2"	1 1/4"	1/2"	--	1/2"	ELKAY	LRAD312265	DELTA	120 LF	--	--	6
S-2	KITCHEN SINK	--	1 1/2"	1 1/4"	1/2"	--	1/2"	ELKAY	LRAD312265	DELTA	120 LF	--	--	6
S-3	UNDER COUNTER SINK	--	1 1/2"	1 1/4"	1/2"	--	1/2"	ELKAY	ELUHAD141455PD	DELTA	26C3943-R2	--	--	6
WB-1	LAUNDRY WALL BOX (BOTTOM DRAIN, BOTTOM MOUNT VALVES)	48"	2"	1 1/4"	1/2"	1/2"	--	GUY GRAY	82171	--	--	--	--	--
WB-2	LAUNDRY WALL BOX (BOTTOM DRAIN, TOP MOUNT VALVES)	48"	2"	1 1/4"	1/2"	1/2"	--	GUY GRAY	82307	--	--	--	--	--
MS-1	MOP SINK	--	2"	1 1/2"	1/2"	1/2"	--	ACORN	1630	T&S	B0665-BSTR	--	--	7
WHA-1	WATER HAMMER ARRESTER	--	--	--	--	--	--	--	--	JOSAM	75000 SERIES	--	--	--

NOTES:
1. PROVIDE ACORN SECURE-CARE LIGATURE RESISTANT LR2886 FLUSH VALVE ACCESS PANEL.
2. PROVIDE SLOAN ROYAL III FLUSH VALVE WITH AUTO FLUSH UNIT, OPEN FRONT SEAT, NO SEAT COVER.
3. CARRIERS HAVE A 3 POINT ANCHORING SYSTEM AND ALL 3 POINTS SHALL BE BOLTED IN PLACE.
4. PROVIDE MOEN GRID STRAINER 14750, SUPPLY STOPS WITH HANDLES (NO KEY STOPS), AND P-TRAP WITH DESANCO FITTINGS OR TRAP ADAPTER AND TAILPIECE.
5. PROVIDE HANDICAPPED PROTECTIVE INSULATION ON FIXTURE TRAP AND SUPPLY PIPING.
6. PROVIDE SUPPLY STOPS WITH HANDLES (NO KEY STOPS), DRAIN WITH REMOVABLE BASKET, P-TRAP WITH DESANCO FITTINGS OR TRAP ADAPTER AND TAILPIECE.
7. PROVIDE STAINLESS STEEL STRAINER, STAINLESS STEEL WALL GUARD, AND MOP HANGER.
8. PROVIDE WITH SEDIMENT BUCKET AND VANDAL PROOF TOP.

GREASE TRAP SCHEDULE

ITEM NO.	TYPE	MOUNTING	FLOW (GPM)	GREASE CAP. (LBS.)	CONNECTIONS		BASIS OF DESIGN		NOTES
					SAN.	VENT	MANUFACTURER	MODEL	
GT-1	RECESSED	BELOW FLOOR	50	250	4	2"	SCHIER	GB3	1

NOTES:
1. PROVIDE INTERNAL FLOW CONTROL.

GENERAL SHEET NOTES

1. REFER TO DRAWING P-701 FOR THE GENERAL PLUMBING NOTES.
2. REFER TO DRAWING P-701 FOR THE PLUMBING LEGEND.
3. REFER TO DRAWING P-701 FOR THE PLUMBING DETAILS.
4. REFER TO DRAWING P-701 FOR THE PLUMBING SCHEDULES.
5. REFER TO THE P-600 SERIES DRAWINGS FOR THE PLUMBING RISER DIAGRAMS.
6. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

GENERAL PLUMBING NOTES

1. PIPING SHOWN IS GENERALLY DIAGRAMMATIC AND INDICATES THE WORK TO BE PERFORMED. NOT ALL FITTINGS AND OFFSETS ARE SHOWN. FOLLOW DRAWINGS AS CLOSELY AS FIELD CONDITIONS ALLOW.
2. SANITARY AND RAINWATER PIPING SHALL HAVE A MINIMUM SLOPE OF 1/4" PER 1'-0" (2%) FOR PIPES 3"□ OR SMALLER, AND 1/8" PER 1'-0" (1%) FOR PIPES 4" OR LARGER.
3. INSTALL PIPING LOCATED IN OUTSIDE WALLS ON THE WARM SIDE OF THE INSULATION ENVELOPE.
4. PROVIDE ALL MISCELLANEOUS STEEL SHAPES, HANGER RODS, STRAPS, ETC. REQUIRED FOR ALL PLUMBING SYSTEM INSTALLATIONS.
5. CONCRETE AND MASONRY FLOOR AND WALL PENETRATIONS REQUIRED FOR NEW PIPING SHALL BE CORE DRILLED WHERE POSSIBLE. PROVIDE SLEEVED PENETRATIONS SEALED AIRTIGHT AND WEATHERTIGHT WITH FIRE RATED SEALANT. COORDINATE FLOOR PENETRATIONS WITH SCANS TO AVOID REINFORCING AND TENSION CABLES.
6. CUT AND PATCH EXISTING WALLS, FLOORS AND CEILINGS FOR THE INSTALLATION OF PIPING AND CONDUIT IN FINISHED AREAS. RESTORE AND FINISH WALLS, FLOORS, AND CEILINGS TO PRE-CONSTRUCTION CONDITIONS. PIPING AND CONDUIT SHALL BE EXPOSED IN FINISHED AREAS ONLY AS NOTED ON THE DRAWINGS.
7. COORDINATE FLOOR PENETRATIONS WITH EXISTING BUILDING STRUCTURE PRIOR TO LAYOUT.
8. COORDINATE REMOVAL OF EXISTING SUSPENDED ACOUSTICAL PANEL CEILINGS TO ACCOMMODATE WORK WITH GC.

PLUMBING LEGEND

- - - - - - -	ITEM TO DEMOLISH
	VALVE
	BALANCING VALVE
	CHECK VALVE
	BACK FLOW PREVENTER
	TEMPERING VALVE
	ANGLE VALVE
	THREE WAY VALVE
	STRAINER
	REDUCER
	UNION
	WATER HAMMER ARRESTER
	HOSE BIBB
	PIPING DOWN
	PIPING UP
	DOMESTIC COLD WATER PIPING
	DOMESTIC HOT WATER PIPING
	DOMESTIC HOT WATER RECIRCULATING
SAN	SANITARY PIPING
V	VENT PIPING
RWC	RAINWATER CONDUCTOR PIPING
FD	FLOOR DRAIN
CO	CLEANOUT IN FLOOR
CO	CLEANOUT IN WALL
	EQUIPMENT DESIGNATION
	CONNECTION TO EXISTING
	POINT OF DISCONNECTION

ATC	ACOUSTIC TILE CEILING
APPROX	APPROXIMATE
BLDG	BUILDING
BF	BOTTLE FILL
CMU	CONCRETE MASONRY UNIT
CO	CLEAN-OUT
CONC	CONCRETE
CPVC	CHLORINATED PVC PIPE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
DTW	DOMESTIC TEMPERED WATER
DTWR	DOMESTIC TEMPERED WATER RETURN
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
DS	DOWN SPOUT
DSN	DOWNSPOUT NOZZEL
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC(AL)
EWC	ELECTRIC WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
FD	FLOOR DRAIN
FLEX	FLEXIBLE CONNECTOR
FIN	FINISHED
FLR	FLOOR
GC	GENERAL CONTRACTOR
H/C	HANDICAP(PED)
HORIZ	HORIZONTAL
HP	HIGH POINT, HORSEPOWER
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HC	HVAC CONTRACTOR
ID	INSIDE DIAMETER
INV	INVERT
JAN	JANITOR, JANITOR'S CLOSET
LAV	LAVATORY
LP	LOW POINT, LIGHTING PANEL
LVL	LEVEL
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL / ELECTRICAL / PLUMBING
MANUF	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTG	MOUNTING
NIC	NOT IN CONTRACT
NA	NOT APPLICABLE
NOM	NOMINAL
NTS	NOT TO SCALE
NO	NUMBER
OD	OUTSIDE DIAMETER
ORD	OVERFLOW ROOF DRAIN
PC	PLUMBING CONTRACTOR
PRV	PRESSURE REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
RD	ROOF DRAIN
REQD	REQUIRED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RWC	RAIN WATER CONDUCTOR
SAN	SANITARY
SIM	SIMILAR
SPEC	SPECIFICATION
STD	STANDARD
TYP	TYPICAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT

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FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SCHEDULES, NOTES, AND LEGEND

Scale	USA Project No. R2024.0111.01
Drawing Date 10.05.26	Drawing No. P-701
Drawn By E.D.	Checked By CRS

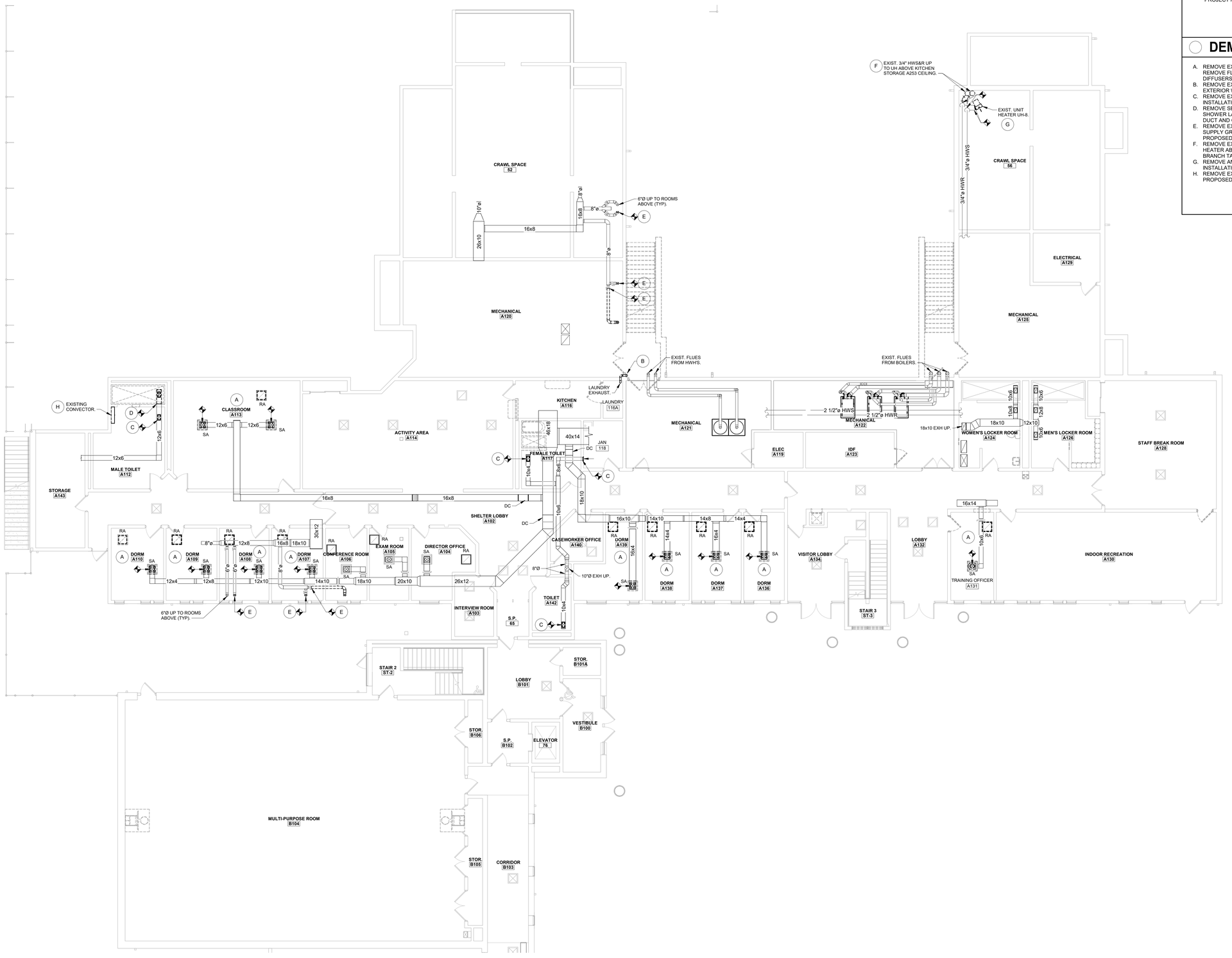
9/21/2026 3:17:16 PM

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. REMOVE EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES. REMOVE FLEXIBLE SECTIONS OF SUPPLY DUCTWORK FROM DIFFUSERS BACK TO RIGID BRANCH DUCTWORK.
B. REMOVE EXISTING LAUNDRY EXHAUST DUCT AND WALL CAP AT EXTERIOR WALL.
C. REMOVE EXISTING EXHAUST GRILLES WHERE INDICATED. REFER TO INSTALLATION PLANS FOR PROPOSED GRILLES.
D. REMOVE SECTION OF 12x6 DUCT AND EXHAUST GRILLE FOR REVISED SHOWER LAYOUT. REFER TO INSTALLATION PLANS FOR PROPOSED DUCT AND GRILLE.
E. REMOVE EXISTING DUCTWORK AS REQUIRED TO INSTALL PROPOSED SUPPLY GRILLE IN FLOOR ABOVE. REFER TO INSTALLATION PLANS FOR PROPOSED DUCT AND GRILLE.
F. REMOVE EXISTING HWS&R PIPING BETWEEN CRAWLSPACE AND UNIT HEATER ABOVE KITCHEN STORAGE A253 CEILING. CAP PIPING AT BRANCH TAKEOFFS.
G. REMOVE AND REPLACE EXISTIN UNIT HEATER UH-8. REFER TO INSTALLATION DRAWINGS FOR PROPOSED UNIT HEATER.
H. REMOVE EXISTING CONVECTOR AND PIPING AS REQUIRED TO INSTALL PROPOSED CONVECTOR IN SAME LOCATION.



1 FIRST FLOOR DEMOLITION PLAN - AREA A

Scale: 1/8" = 1'-0"
0 4' 8' 16'

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

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Drawing Title
FIRST FLOOR DEMOLITION PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: MD-101
Drawn By: E.D.	Checked By: CRS

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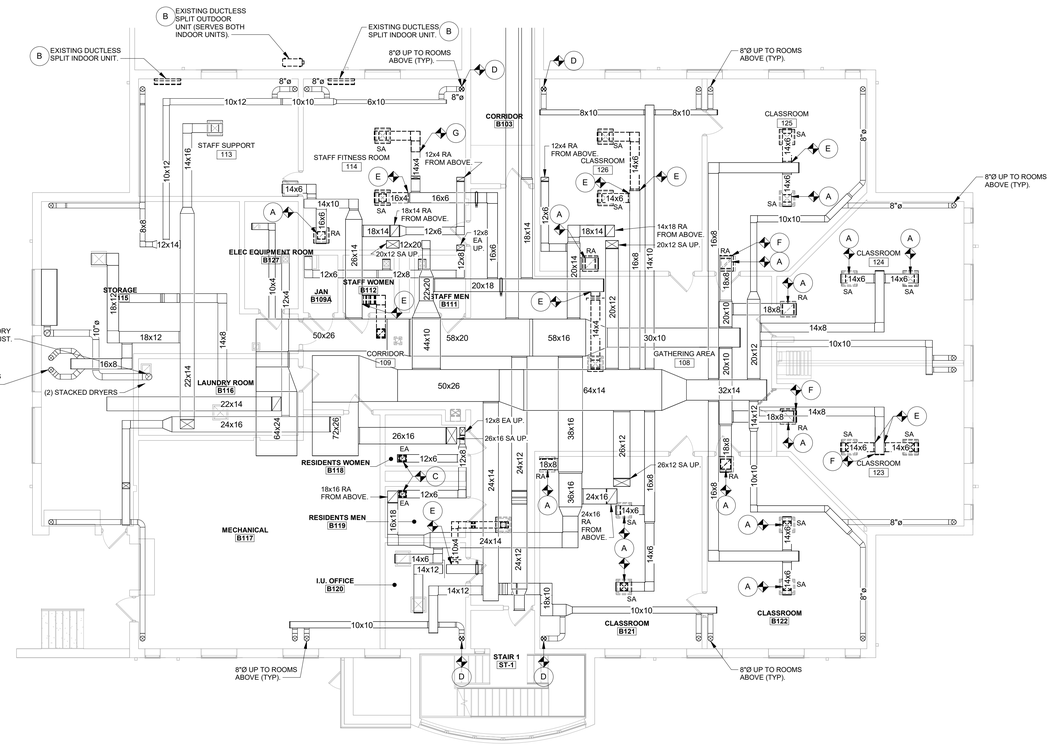

1 **FIRST FLOOR DEMOLITION PLAN - AREA B**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. REMOVE EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES. REMOVE VERTICAL SECTIONS OF DUCTWORK FROM DIFFUSERS AND GRILLES BACK TO HORIZONTAL BRANCH DUCTWORK.
B. REMOVE EXISTING (2) DUCTLESS SPLIT SYSTEM INDOOR UNITS AND (1) DUCTLESS SPLIT SYSTEM OUTDOOR UNIT. REMOVE ALL REFRIGERANT AND CONDENSATE DRAIN PIPING AND ALL ASSOCIATED APPURTENANCES. PATCH WALL PENETRATIONS TO MATCH EXISTING.
C. REMOVE EXISTING EXHAUST GRILLES WHERE INDICATED. REFER TO INSTALLATION PLANS FOR PROPOSED GRILLES.
D. REMOVE EXISTING DUCTWORK AS REQUIRED TO INSTALL PROPOSED SUPPLY GRILLE IN FLOOR ABOVE. REFER TO INSTALLATION PLANS FOR PROPOSED DUCT AND GRILLE.
E. REMOVE EXISTING DIFFUSER AND BRANCH DUCTWORK BACK TO BRANCH TAKEOFF AS INDICATED. CAP EXISTING DUCTWORK TAKEOFF OPENING IF NOT BEING REUSED.
F. REMOVE EXISTING DUCT ENDCAP.
G. REMOVE EXISTING DIFFUSER AND BRANCH DUCTWORK BACK TO POINT INDICATED.

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Entech Project No. 7163.002

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR DEMOLITION PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: MD-102
Drawn By: E.D.	Checked By: CRS

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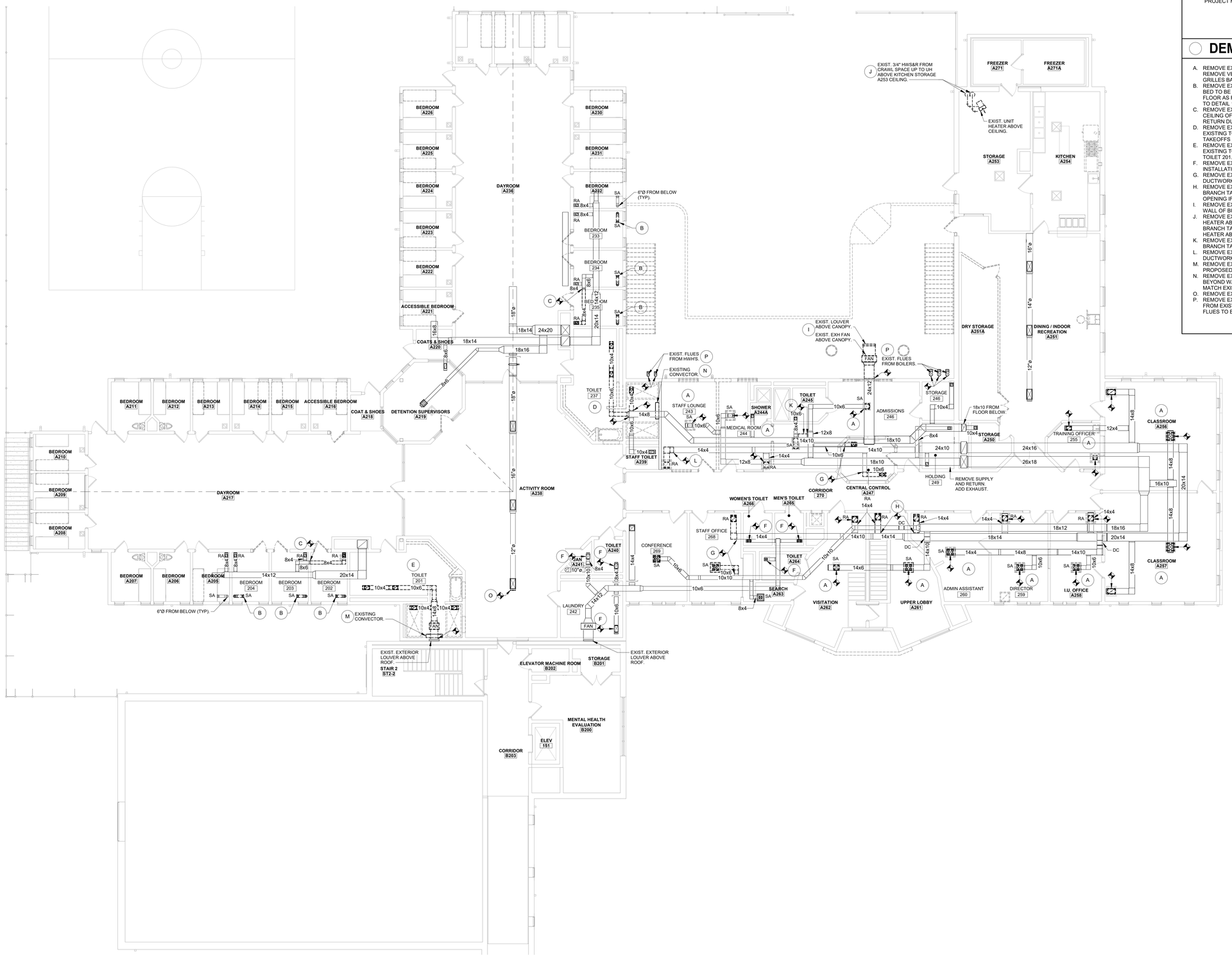

1 **SECOND FLOOR DEMOLITION PLAN - AREA A**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. REMOVE EXISTING SUPPLY DIFFUSERS AND RETURN GRILLES. REMOVE VERTICAL SECTIONS OF DUCTWORK FROM DIFFUSERS AND GRILLES BACK TO HORIZONTAL BRANCH DUCTWORK.
B. REMOVE EXISTING MAXIMUM SECURITY SUPPLY GRILLE IN BASE OF BED TO BE REMOVED. REMOVE DUCTWORK BACK TO A POINT BELOW FLOOR AS REQUIRED TO INSTALL PROPOSED SUPPLY GRILLE. REFER TO DETAIL 10 ON DRAWING M-501.
C. REMOVE EXISTING MAXIMUM SECURITY RETURN GRILLE FROM CEILING OF BEDROOM BEING CONVERTED TO TOILET ROOM. REMOVE RETURN DUCTWORK BACK TO BRANCH TAKEOFF AND CAP.
D. REMOVE EXISTING EXHAUST GRILLES AND DUCTWORK SERVING EXISTING TOILET 237 BACK TO POINTS INDICATED. CAP ANY BRANCH TAKEOFFS NOT BEING REUSED FOR PROPOSED EXHAUST.
E. REMOVE EXISTING EXHAUST GRILLES AND DUCTWORK SERVING EXISTING TOILET 201. REMOVE EXISTING EXHAUST FAN SERVING TOILET 201. EXISTING EXTERIOR LOUVER TO REMAIN.
F. REMOVE EXISTING EXHAUST GRILLES WHERE INDICATED. REFER TO INSTALLATION PLANS FOR PROPOSED GRILLES.
G. REMOVE EXISTING SUPPLY DIFFUSER, RETURN GRILLE, AND BRANCH DUCTWORK BACK TO POINTS INDICATED.
H. REMOVE EXISTING GRILLE AND BRANCH DUCTWORK BACK TO BRANCH TAKEOFF AS INDICATED. CAP EXISTING DUCTWORK TAKEOFF OPENING IF NOT BEING REUSED.
I. REMOVE EXHAUST FAN, LOUVER, AND DUCTWORK BACK TO EXTERIOR WALL OF BUILDING.
J. REMOVE EXISTING HWS&R PIPING BETWEEN CRAWLSPACE AND UNIT HEATER ABOVE KITCHEN STORAGE A253 CEILING. CAP PIPING AT BRANCH TAKEOFFS IN CRAWL SPACE. REMOVE EXISTING UNIT HEATER ABOVE CEILING.
K. REMOVE EXISTING DIFFUSER AND BRANCH DUCTWORK BACK TO BRANCH TAKEOFF AS INDICATED.
L. REMOVE EXISTING RETURN GRILLE. REMOVE EXISTING BRANCH DUCTWORK BACK TO POINT INDICATED.
M. REMOVE EXISTING CONVECTOR AND PIPING AS REQUIRED TO INSTALL PROPOSED CONVECTOR IN SAME LOCATION.
N. REMOVE EXISTING CONVECTOR AND PIPING BACK TO A POINT BEYOND WALL FINISH. CAP EXISTING PIPING AND FINISH WALL TO MATCH EXISTING.
O. REMOVE EXISITNG ENDCAP ON ROUND DUCT AT CEILING.
P. REMOVE EXISITNG ELBOW AND HORIZONTAL FLUE TERMINATION FROM EXISTING FLUES FROM BOILERS AND HWH'S TO ALLOW FOR FLUES TO BE EXTENDED UP ABOVE PROPOSED CANOPY.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR DEMOLITION PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: MD-103
Drawn By: E.D.	Checked By: CRS

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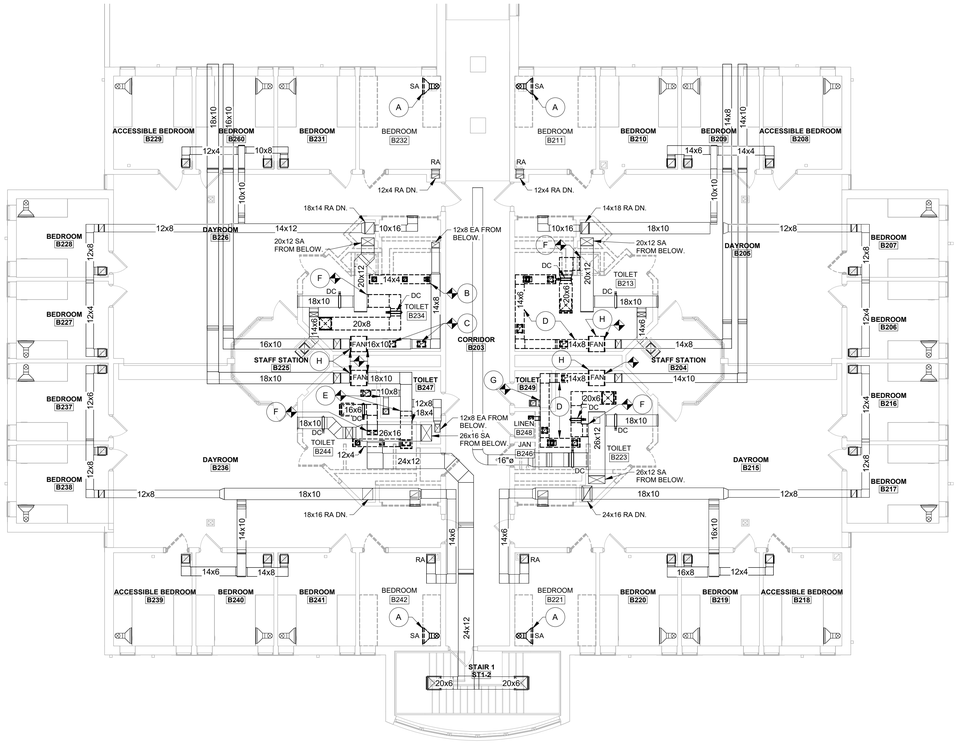

1 SECOND FLOOR DEMOLITION PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

DEMOLITION KEYNOTES

A. REMOVE EXISTING MAXIMUM SECURITY SUPPLY GRILLE IN BASE OF BED TO BE REMOVED. REMOVE DUCTWORK BACK TO A POINT BELOW FLOOR AS REQUIRED TO INSTALL PROPOSED SUPPLY GRILLE. REFER TO DETAIL 10 ON DRAWING M-501.
B. REMOVE EXISTING BRANCH DUCTWORK AND EXHAUST GRILLES. CAP EXISTING OPENING AT BRANCH TAKEOFF WHERE NOT BEING REUSED.
C. REMOVE EXISTING EXHAUST GRILLES AND TAKEOFF BACK TO MAIN. CAP EXISTING MAIN DUCTWORK TO REMAIN.
D. REMOVE EXHAUST GRILLES AND DUCTWORK BACK TO EXHAUST FAN.
E. REMOVE EXISTING EXHAUST GRILLES AND DUCTWORK BACK TO POINTS INDICATED TO MAKE ROOM FOR PROPOSED DUCTWORK. REFER TO INSTALLATION DRAWINGS FOR PROPOSED DUCTWORK.
F. REMOVE EXISTING BRANCH DUCTWORK AND SUPPLY DIFFUSERS BACK TO BRANCH TAKEOFF. REMOVE EXISTING DUCT COIL AND PIPING AS NEEDED TO INSTALL PROPOSED DUCT COIL. CAP EXISTING OPENING AT BRANCH TAKEOFF WHERE NOT BEING REUSED. REFER TO INSTALLATION DRAWINGS FOR PROPOSED DUCTWORK AND DUCT COIL.
G. EXISTING EXHAUST GRILLE TO REMAIN IN TOILET B249. DISCONNECT BRANCH DUCTWORK FROM MAIN AT BRANCH TAKEOFF. REFER TO INSTALLATION DRAWINGS FOR RECONNECTION TO PROPOSED EXHAUST DUCT.
H. REMOVE EXISTING EXHAUST FAN AND DUCTWORK AS REQUIRED TO INSTALL PROPOSED EXHAUST FAN.

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

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SECOND FLOOR DEMOLITION PLAN - AREA B

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1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: MD-104
Drawn By: E.D.	Checked By: CRS

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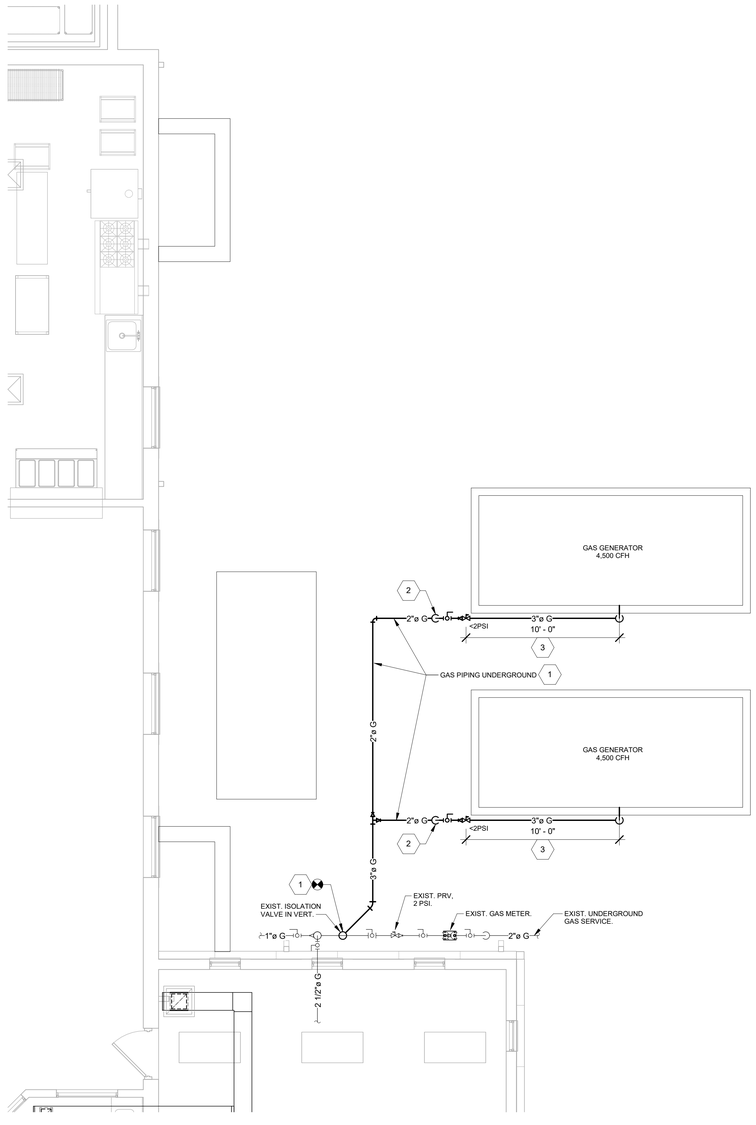

1 EXTERIOR NATURAL GAS PIPING PLAN

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

0 2' 4' 8'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE PE GAS PIPING UNDERGROUND FROM EXISTING 3" TAP AT METER. PROVIDE PE GAS PIPE STUB UP ADJACENT TO EXTERIOR WALL OF BUILDING. EXTEND STUB UP 12" ABOVE GRADE AND TRANSITION TO STEEL PIPE ABOVE GRADE. PROVIDE ANNODLESS RISER.
2. PROVIDE PE GAS PIPE STUB UP ADJACENT TO GENERATOR EQUIPMENT PAD. EXTEND STUB UP 12" ABOVE GRADE AND TRANSITION TO STEEL PIPE ABOVE GRADE.
3. PROVIDE A SECTION OF PIPE AFTER THE PRV AND A MINIMUM OF 10 FEET IN LENGTH UPSIZED TO 3" TO ALLOW ADEQUATE GAS VOLUME IN THE PIPE FOR GENERATOR STARTUP PER MANUFACTURERS INSTALLATION INSTRUCTIONS.

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LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

EXTERIOR GAS PIPING

Scale	USA Project No.
1/4" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-100
Drawn By: E.D.	Checked By: CRS

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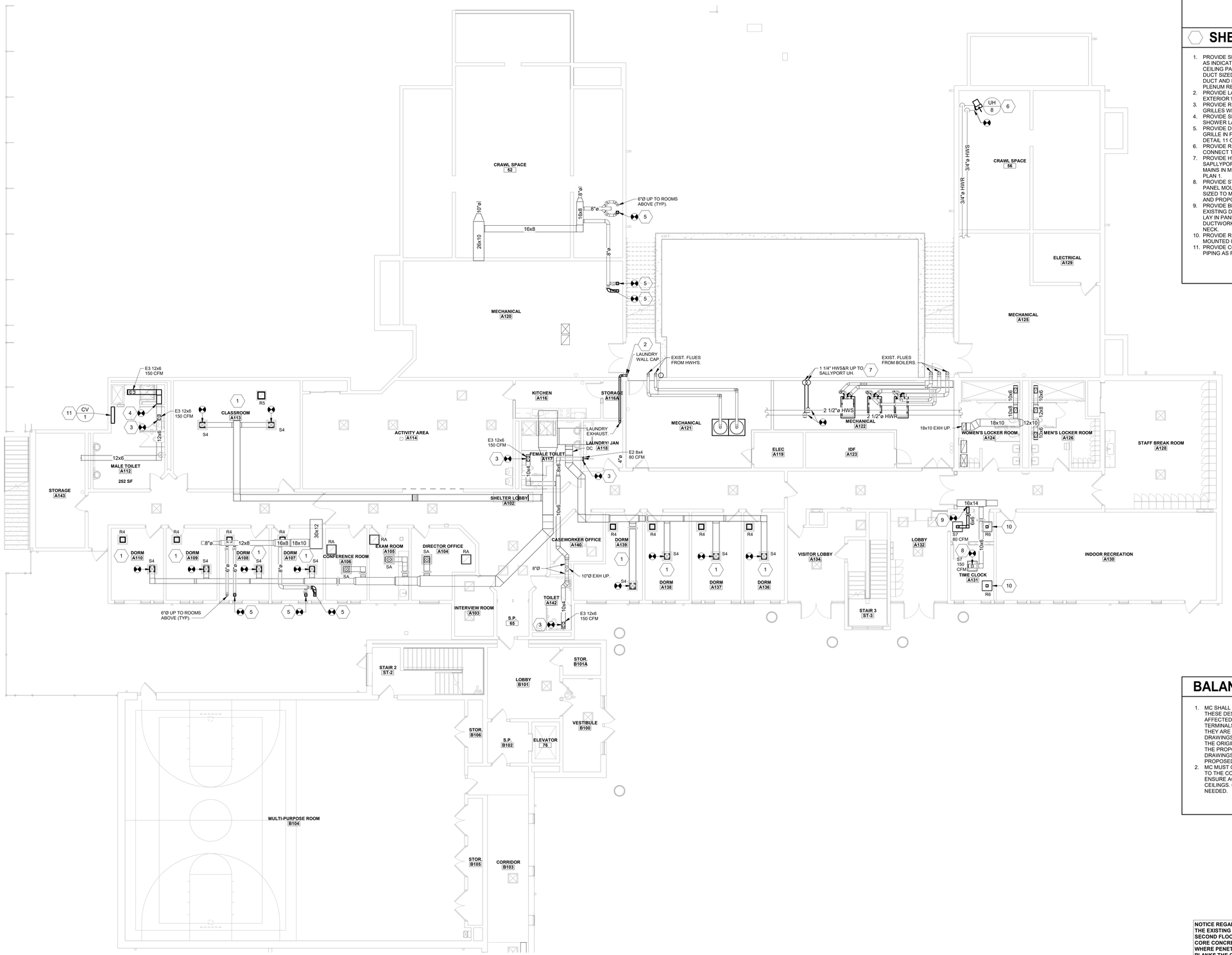

1 **FIRST FLOOR PLAN - AREA A**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE SECURITY RATED SUPPLY DIFFUSERS AND RETURN GRILLES AS INDICATED WITH REAR ANGLE FRAME TO MOUNT TO SECURE CEILING PANELS. FOR SUPPLY DIFFUSERS PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED SUPPLY DIFFUSER. RETURN GRILLES OPEN TO PLENUM RETURN.
2. PROVIDE LAUNDRY EXHAUST DUCT FROM LAUNDRY / JAN 118 TO EXTERIOR WALL. PROVIDE WALL CAP AT EXTERIOR WALL.
3. PROVIDE REPLACEMENT EXHAUST GRILLES WITH SECURITY RATED GRILLES WHERE INDICATED.
4. PROVIDE SECTION OF 12x6 DUCT TO EXTEND EXHAUST FOR REVISED SHOWER LAYOUT. PROVIDE SECURITY RATED GRILLE AS INDICATED.
5. PROVIDE DUCTWORK AS REQUIRED TO CONNECT PROPOSED SUPPLY GRILLE IN FLOOR ABOVE TO EXISTING SUPPLY DUCTWORK. REFER TO DETAIL 11 ON DRAWING M-501.
6. PROVIDE REPLACEMENT UNIT HEATER UH-8 IN CRAWL SPACE. CONNECT TO EXISTING HWS&R PIPING.
7. PROVIDE HWS&R BRANCH PIPING UP TO UNIT HEATER IN VEHICLE SAPLLYPORT. TAP BRANCH PIPING OF OF EXISTING 2 1/2" HWS&R MAINS IN MECHANICAL A122. PIPING CONTINUED ON DRAWING M-401 PLAN 1.
8. PROVIDE STANDARD SUPPLY DIFFUSER AS INDICATED WITH LAY IN PANEL MOUNTED IN CEILING GRID. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
9. PROVIDE BRANCH DUCTWORK WITH BALANCING DAMPER FROM EXISTING DUCT MAIN. PROVIDE SUPPLY DIFFUSER AS INDICATED WITH LAY IN PANEL MOUNTED IN CEILING GRID AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK.
10. PROVIDE RETURN GRILLE RETURN AS INDICATED WITH LAY IN PANEL MOUNTED IN CEILING GRID. GRILLES OPEN TO PLENUM RETURN.
11. PROVIDE CONVECTOR IN PLACE OF REMOVED CONVECTOR. PROVIDE PIPING AS REQUIRED TO RECONNECT TO EXISTING PIPING.

BALANCING NOTES

1. MC SHALL REBALANCE AIRFLOW THROUGHOUT THE ENTIRE BUILDING. THESE DESIGN DOCUMENTS ONLY SHOW DUCTWORK WHERE AFFECTED BY PROPOSED CONSTRUCTION. AIRFLOWS AT AIR TERMINALS ARE ONLY SHOWN ON THESE DESIGN DOCUMENTS WHERE THEY ARE BEING MODIFIED FROM THE ORIGINAL CONSTRUCTION DRAWINGS. REFER TO THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE ORIGINAL AIRFLOWS WHERE THEY ARE NOT BEING MODIFIED BY THE PROPOSED CONSTRUCTION. THE ORIGINAL CONSTRUCTION DRAWINGS ARE BEING PROVIDED FOR REFERENCE WITH THESE PROPOSED DESIGN DOCUMENTS.
2. MC MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS TO ENSURE ACCESS TO CONTROL AND BALANCING DEVICES ABOVE CEILINGS. COORDINATE WITH GC FOR AREAS WHERE ACCESS IS NEEDED.

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

FIRST FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-101
Drawn By: E.D.	Checked By: CRS

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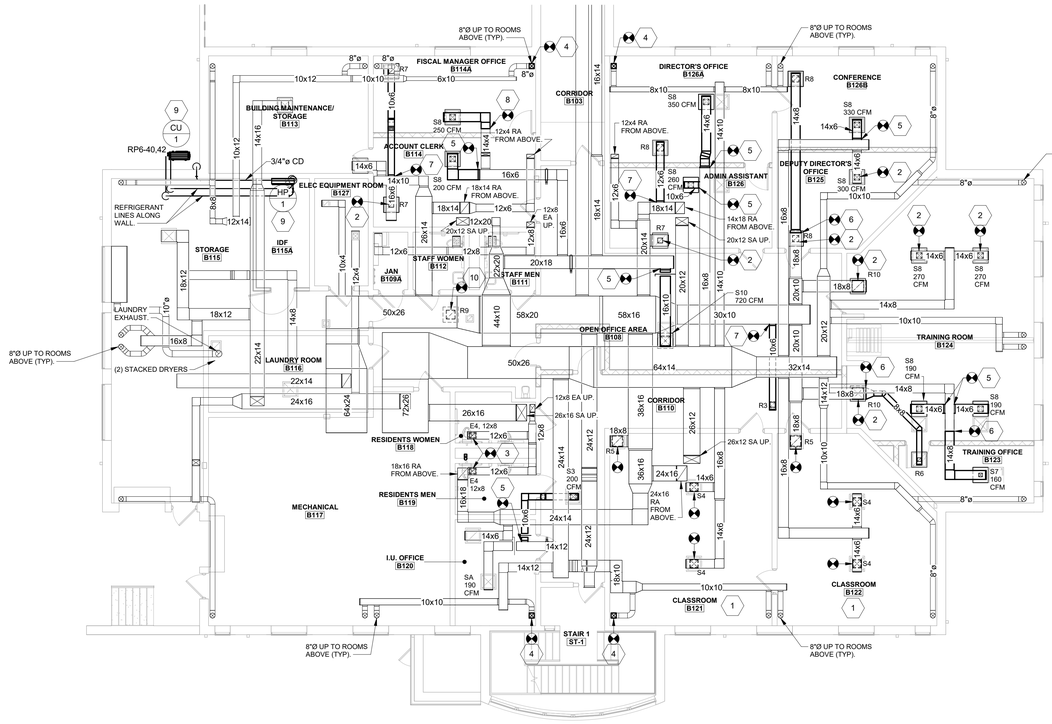

1 FIRST FLOOR PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE MINIMUM SECURITY RATED SUPPLY DIFFUSERS AND RETURN GRILLES AS INDICATED WITH REAR ANGLE FRAME TO MOUNT TO SECURE CEILING PANELS. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
2. PROVIDE STANDARD SUPPLY DIFFUSER OR RETURN GRILLE AS INDICATED WITH LAY IN PANELS MOUNTED IN CEILING GRID. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
3. PROVIDE REPLACEMENT EXHAUST GRILLES WITH SECURITY RATED GRILLES WHERE INDICATED.
4. PROVIDE DUCTWORK AS REQUIRED TO CONNECT PROPOSED SUPPLY GRILLE IN FLOOR ABOVE TO EXISTING SUPPLY DUCTWORK. REFER TO DETAIL 11 ON DRAWING M-501.
5. PROVIDE BRANCH DUCTWORK WITH BALANCING DAMPER FROM EXISTING DUCT MAIN. PROVIDE SUPPLY DIFFUSER AS INDICATED AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK.
6. EXTEND DUCT AS INDICATED TO PROPOSED DIFFUSERS AND GRILLES. PROVIDE SUPPLY DIFFUSERS AND GRILLES AS INDICATED AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK.
7. PROVIDE BRANCH DUCTWORK FROM EXISTING DUCT MAIN. PROVIDE RETURN GRILLE AS INDICATED AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH GRILLE NECK.
8. EXTEND DUCT AS INDICATED TO PROPOSED DIFFUSER. PROVIDE SUPPLY DIFFUSER INDICATED AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK.
9. PROVIDE SPLIT SYSTEM HEAT PUMP FOR CONDITIONING IDF ROOM B115A. PROVIDE WALL MOUNTED INDOOR UNIT IN ROOM B115A. PROVIDE EXTERIOR UNIT ON EQUIPMENT PAD ON GRADE. PROVIDE REFRIGERANT LINES ROUTED ALONG INTERIOR WALL UNTIL THEY PENETRATE EXTERIOR WALL NEAR EXTERIOR UNIT. PROVIDE 3/4" CONDENSATE DRAIN FROM UNIT ROUTED ALONG WALL. PENETRATE EXTERIOR WALL AND TERMINATE CONDENSATE 18" ABOVE GRADE.
10. PROVIDE RA GRILLE AS INDICATED. PROVIDE RIGID SECTION OF DUCTWORK SIZED TO MATCH GRILL VERTICALLY FROM GRILLE INTO BOTTOM OF RA DUCT MAIN. PROVIDE BALANCING DAMPER.

BALANCING NOTES

1. MC SHALL REBALANCE AIRFLOW THROUGHOUT THE ENTIRE BUILDING. THESE DESIGN DOCUMENTS ONLY SHOW DUCTWORK WHERE AFFECTED BY PROPOSED CONSTRUCTION. AIRFLOWS AT AIR TERMINALS ARE ONLY SHOWN ON THESE DESIGN DOCUMENTS WHERE THEY ARE BEING MODIFIED FROM THE ORIGINAL CONSTRUCTION DRAWINGS. REFER TO THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE ORIGINAL AIRFLOWS WHERE THEY ARE NOT BEING MODIFIED BY THE PROPOSED CONSTRUCTION. THE ORIGINAL CONSTRUCTION DRAWINGS ARE BEING PROVIDED FOR REFERENCE WITH THESE PROPOSED DESIGN DOCUMENTS.
2. MC MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS TO ENSURE ACCESS TO CONTROL AND BALANCING DEVICES ABOVE CEILINGS. COORDINATE WITH GC FOR AREAS WHERE ACCESS IS NEEDED.

NOTICE REGARDING BUILDING STRUCTURE:
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WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

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RENOVATIONS AND ADDITION

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LEESPORT, PA 19533

No.	Date	Issue or Revision
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Drawing Title

FIRST FLOOR PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No. R2024.0111.01
Drawing Date: 10.05.26	Drawing No. M-102
Drawn By: E.D.	Checked By: CRS

9/21/2026 3:03:14 PM

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE SECURITY RATED SUPPLY DIFFUSERS AND RETURN GRILLES AS INDICATED WITH REAR ANGLE FRAME TO MOUNT TO SECURE CEILING PANELS. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
2. PROVIDE MAXIMUM SECURITY SUPPLY GRILLE IN FLOOR AS INDICATED. PROVIDE SLEEVE LENGTH AS REQUIRED TO PENETRATE DEPTH OF FLOOR. PROVIDE MOUNTING ANGLE FRAME ON UNDERSIDE OF FLOOR TO SECURE GRILL IN FLOOR. PROVIDE DUCTWORK BELOW FLOOR AS REQUIRED TO RECONNECT TO EXISTING SUPPLY DUCT.
3. PROVIDE MINIMUM SECURITY EXHAUST GRILLES AND DUCTWORK SERVING TOILETS A235 & A237 AND CONNECT TO EXISTING EXHAUST DUCT.
4. PROVIDE MAXIMUM SECURITY EXHAUST GRILLES AND DUCTWORK SERVING TOILETS A201 & A202 AND STORAGE A201A & A201B. PROVIDE EXHAUST FAN AND CONNECT TO EXISTING EXTERIOR LOUVER.
5. PROVIDE REPLACEMENT EXHAUST GRILLES WITH SECURITY RATED GRILLES WHERE INDICATED.
6. PROVIDE LAUNDRY EXHAUST THRU EXTERIOR WALL. PROVIDE WALL CAP AT EXTERIOR WALL.
7. EXTEND DUCT AS INDICATED TO PROPOSED DIFFUSERS AND GRILLES. PROVIDE STANDARD SUPPLY DIFFUSER OR RETURN GRILLE AS INDICATED WITH LAY IN PANELS MOUNTED IN CEILING GRID. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK BETWEEN BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
8. PROVIDE STANDARD SUPPLY DIFFUSER OR RETURN GRILLE AS INDICATED WITH LAY IN PANELS MOUNTED IN CEILING GRID. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER OR GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER OR GRILLE.
9. PROVIDE BRANCH DUCTWORK FROM EXISTING DUCT MAIN. PROVIDE RETURN GRILLE AS INDICATED. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED GRILLE.
10. PROVIDE 8" DIAMETER DUCT OFF END OF EXISTING 12" DIAMETER DUCT AT PEAK OF CEILING. SLOPE DOWN FOLLOW THE CEILING PITCH. PENETRATE WALL ABOVE CEILING OF MULTIPURPOSE A242 AND TRANSITION TO RECTANGULAR DUCT. PROVIDE MINIMUM SECURITY SUPPLY DIFFUSER AS NOTED AND CONNECT TO BRANCH DUCTWORK WITH RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK.
11. PROVIDE ROUND DUCT FOLLOWING THE SLOPE OF THE CEILING FROM DINING / RECREATION A251 INTO STORAGE A251A. PROVIDE SUPPLY GRILLE IN BOTTOM OF DUCT. PROVIDE TRANSFER GRILLE AND WALL ROUGH OPENING BETWEEN STORAGE A251A AND DINING / RECREATION A251 FOR RETURN AIR.
12. PROVIDE BRANCH DUCTWORK FROM EXISTING DUCT MAIN. PROVIDE SECURITY RATED RETURN GRILLE AS INDICATED WITH REAR ANGLE FRAME TO MOUNT TO SECURE CEILING PANELS. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH GRILLE NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED GRILLE.
13. PROVIDE BRANCH DUCTWORK FROM EXISTING DUCT MAIN. PROVIDE SECURITY RATED SUPPLY DIFFUSER AS INDICATED WITH REAR ANGLE FRAME TO MOUNT TO SECURE CEILING PANELS. PROVIDE RIGID SECTION OF DUCT SIZED TO MATCH DIFFUSER NECK BETWEEN EXISTING BRANCH DUCT AND PROPOSED DIFFUSER.
14. PROVIDE SPLIT SYSTEM HEAT PUMP FOR CONDITIONING IDF ROOM A237A. PROVIDE WALL MOUNTED INDOOR UNIT IN ROOM A237A. PROVIDE REFRIGERANT LINES ROUTED ABOVE SALLYPORT A243 & ADMISSIONS A273 AND UP THRU ROOF. REFER TO DRAWING M-105 FOR CONTINUATION AND EXTERIOR UNIT. PROVIDE 3/4" CONDENSATE DRAIN FROM INDOOR UNIT ROUTED ALONG WALL. PENETRATE EXTERIOR WALL AND TERMINATE CONDENSATE 18" ABOVE BASE OF EXTERIOR STAIRS WHERE IT WILL DRAIN TO STORM DRAIN AT BASE OF STAIRS. SEAL WEATHERTIGHT AROUND WALL PENETRATION.
15. PROVIDE CONVECTOR IN PLACE OF REMOVED CONVECTOR. PROVIDE PIPING AS REQUIRED TO RECONNECT TO EXISTING PIPING.

BALANCING NOTES

1. MC SHALL REBALANCE AIRFLOW THROUGHOUT THE ENTIRE BUILDING. THESE DESIGN DOCUMENTS ONLY SHOW DUCTWORK WHERE AFFECTED BY PROPOSED CONSTRUCTION. AIRFLOWS AT AIR TERMINALS ARE ONLY SHOWN ON THESE DESIGN DOCUMENTS WHERE THEY ARE BEING MODIFIED FROM THE ORIGINAL CONSTRUCTION DRAWINGS. REFER TO THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE ORIGINAL AIRFLOWS WHERE THEY ARE NOT BEING MODIFIED BY THE PROPOSED CONSTRUCTION. THE ORIGINAL CONSTRUCTION DRAWINGS ARE BEING PROVIDED FOR REFERENCE WITH THESE PROPOSED DESIGN DOCUMENTS.
2. MC MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS TO ENSURE ACCESS TO CONTROL AND BALANCING DEVICES ABOVE CEILINGS. COORDINATE WITH GC FOR AREAS WHERE ACCESS IS NEEDED.

NOTICE REGARDING BUILDING STRUCTURE:
THE EXISTING BUILDING SECOND FLOOR AND THE CEILINGS OF THE SECOND FLOOR RESIDENT BEDROOMS ARE CONSTRUCTED WITH HOLLOW CORE CONCRETE PLANKS.
WHERE PENETRATIONS ARE REQUIRED IN HOLLOW CORE CONCRETE PLANKS THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SCANS OF THE AREA WHERE THE PENETRATIONS ARE REQUIRED TO IDENTIFY REINFORCING AND TENSIONING CABLES. PENETRATIONS SHOULD BE LOCATED AT EMPTY CORES AVOIDING ANY REINFORCING AND TENSIONING CABLES.

1 **SECOND FLOOR PLAN - AREA A**
Scale: 1/8" = 1'-0"
0 4' 8' 16'

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RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
SECOND FLOOR PLAN - AREA A

Scale: 1/8" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-103
Drawn By: E.D.	Checked By: CRS

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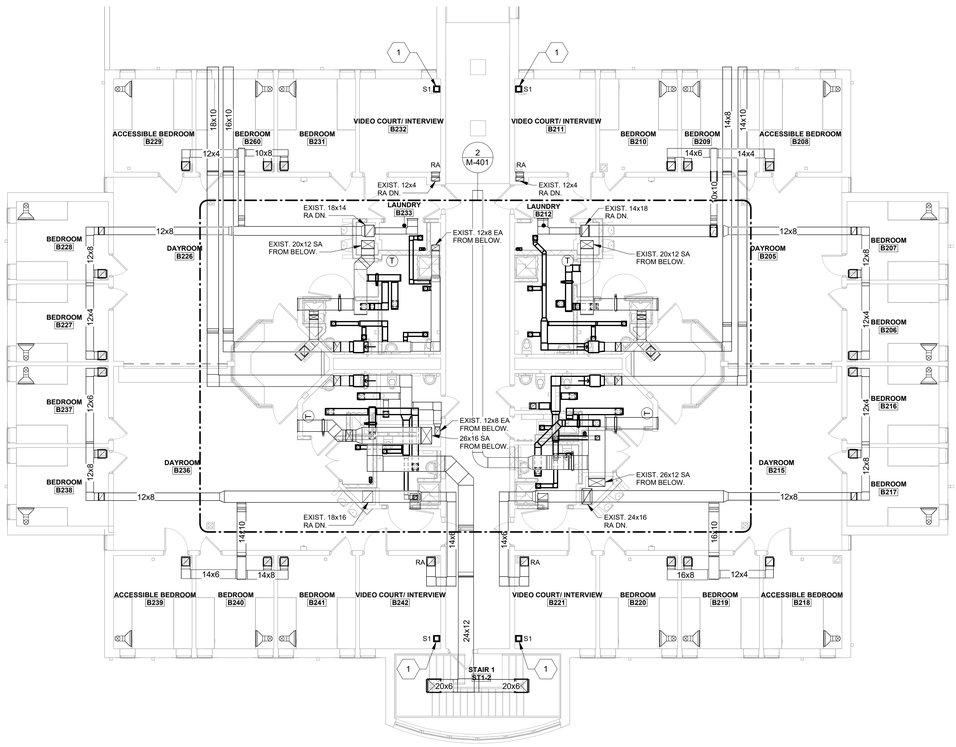

1 SECOND FLOOR PLAN - AREA B

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TOTHE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE MAXIMUM SECURITY SUPPLY GRILLE IN FLOOR AS INDICATED. PROVIDE SLEVE LENGTH AS REQUIRED TO PENETRATE DEPTH OF FLOOR. PROVIDE MOUNTING ANGLE FRAME ON UNDERSIDE OF FLOOR TO SECURE GRILLE IN FLOOR. PROVIDE DUCTWORK BELOW FLOOR AS REQUIRED TO RECONNECT TO EXISTING SUPPLY DUCT.

BALANCING NOTES

1. MC SHALL REBALANCE AIRFLOW THROUGHOUT THE ENTIRE BUILDING. THESE DESIGN DOCUMENTS ONLY SHOW DUCTWORK WHERE AFFECTED BY PROPOSED CONSTRUCTION. AIRFLOWS AT AIR TERMINALS ARE ONLY SHOWN ON THESE DESIGN DOCUMENTS WHERE THEY ARE BEING MODIFIED FROM THE ORIGINAL CONSTRUCTION DRAWINGS. REFER TO THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE ORIGINAL AIRFLOWS WHERE THEY ARE NOT BEING MODIFIED BY THE PROPOSED CONSTRUCTION. THE ORIGINAL CONSTRUCTION DRAWINGS ARE BEING PROVIDED FOR REFERENCE WITH THESE PROPOSED DESIGN DOCUMENTS.
2. MC MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS TO ENSURE ACCESS TO CONTROL AND BALANCING DEVICES ABOVE CEILINGS. COORDINATE WITH GC FOR AREAS WHERE ACCESS IS NEEDED.

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

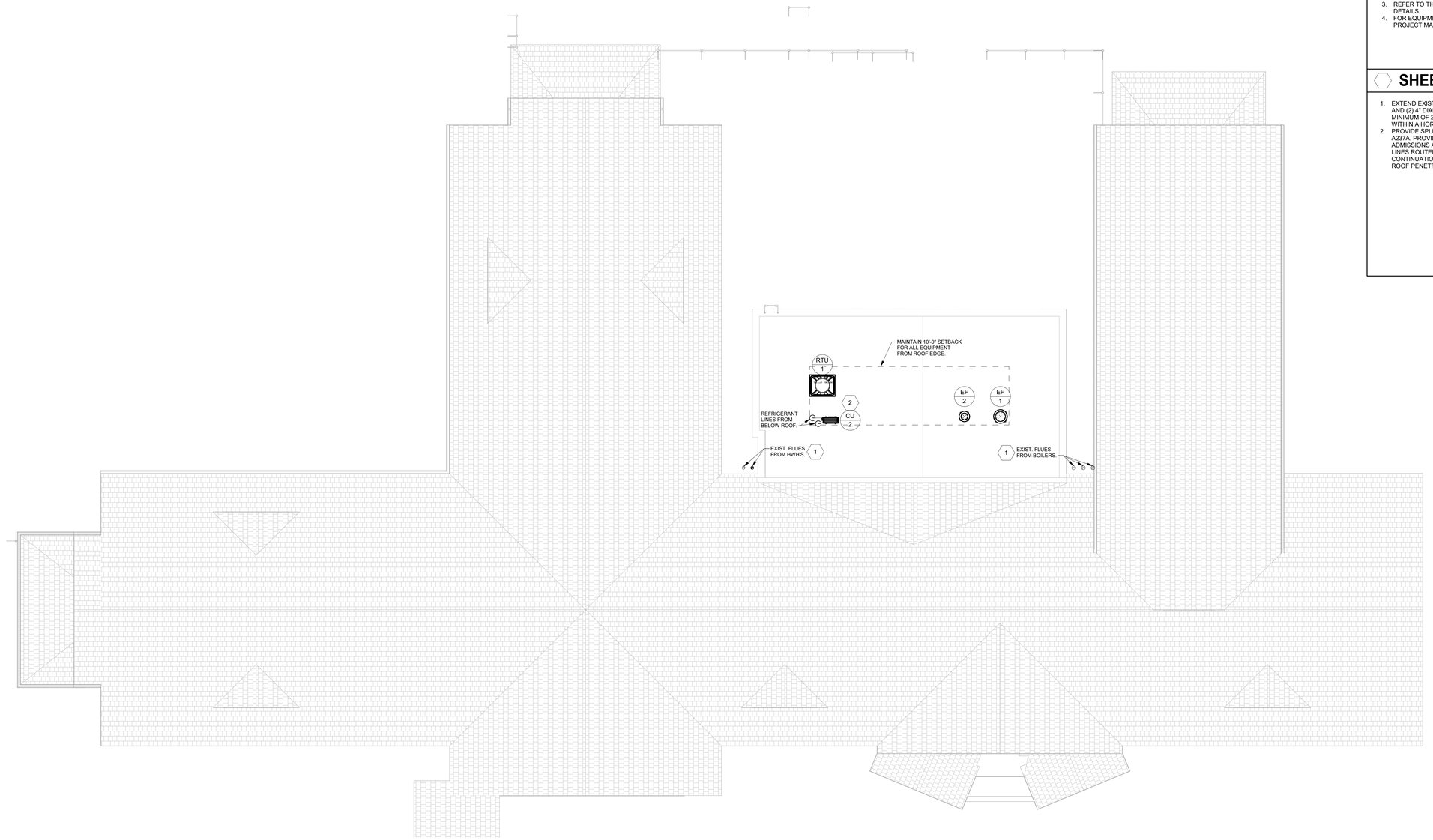
No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SECOND FLOOR PLAN - AREA B

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-104
Drawn By: E.D.	Checked By: CRS

9/21/2026 3:03:48 PM



1 **ROOF DUCTWORK PLAN - AREA A**

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

0 4' 8' 16'

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. EXTEND EXISTING (3) 6" DIAMETER DOUBLE WALL BOILER FLUES AND AND (2) 4" DIAMETER DOUBLE WALL HWH FLUES UP. TERMINATE A MINIMUM OF 2'-0" HIGHER THAN ANY PORTION OF THE BUILDING WITHIN A HORIZONTAL DISTANCE OF 10'-0" FROM THE FLUES.
2. PROVIDE SPLIT SYSTEM HEAT PUMP FOR CONDITIONING IDF ROOM A237A. PROVIDE EXTERIOR UNIT ON EQUIPMENT PAD ON ROOF ABOVE ADMISSIONS A273. ANCHOR UNIT TO PAD. PROVIDE REFRIGERANT LINES ROUTED DN THRU ROOF. REFER TO DRAWING M-103 FOR CONTINUATION AND INDOOR UNIT. COORDINATE REFRIGERANT PIPING ROOF PENETRATION WITH GC.

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TO THE

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1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ROOF DUCTWORK PLAN - AREA A

Scale	USA Project No.
1/8" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-105
Drawn By: E.D.	Checked By: CRS

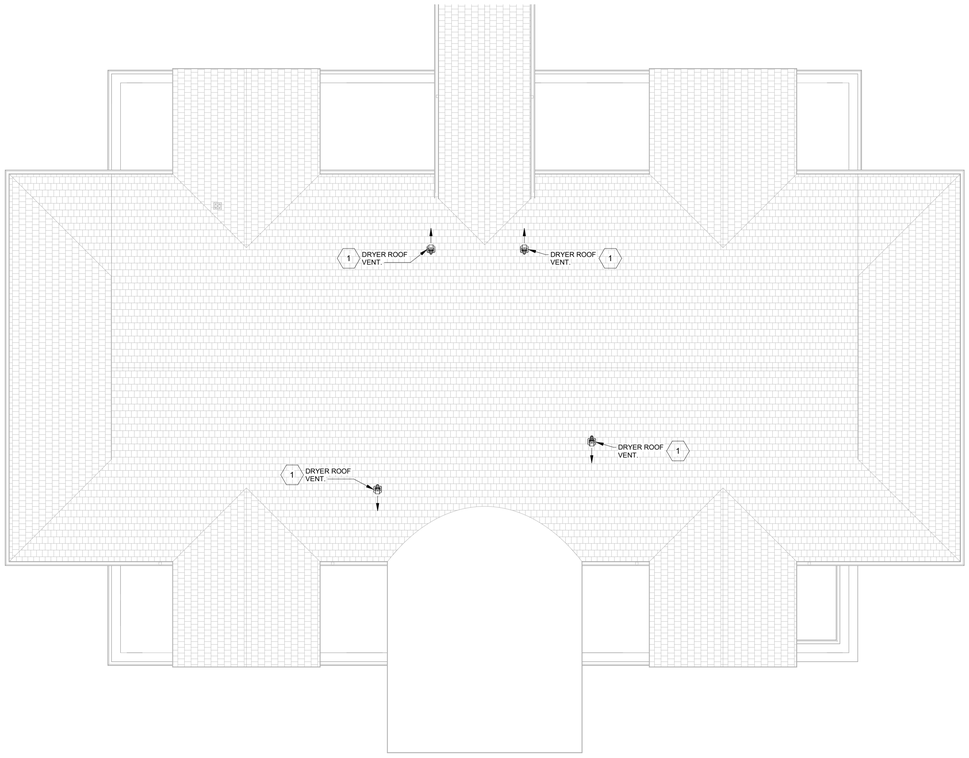
9/21/2026 3:04:05 PM

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE 4" DIAMETER ROOF VENT MANUFACTURED BY DRYERJACK MODEL 477 OR APPROVED EQUAL. PROVIDE FLASHING AND SEALANT AS REQUIRED TO INTEGRATE INTO EXISTING SHINGLE ROOF AND PROVIDE A WEATHERTIGHT SEAL.



1 **ROOF DUCTWORK PLAN - AREA B**

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

0 4' 8' 16'

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

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1261 COUNTY WELFARE ROAD
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No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

ROOF DUCTWORK PLAN - AREA B

Scale: 1/8" = 1'-0"	USA Project No. R2024.0111.01
Drawing Date: 10.05.26	Drawing No. M-106
Drawn By: E.D. / Checked By: CRS	

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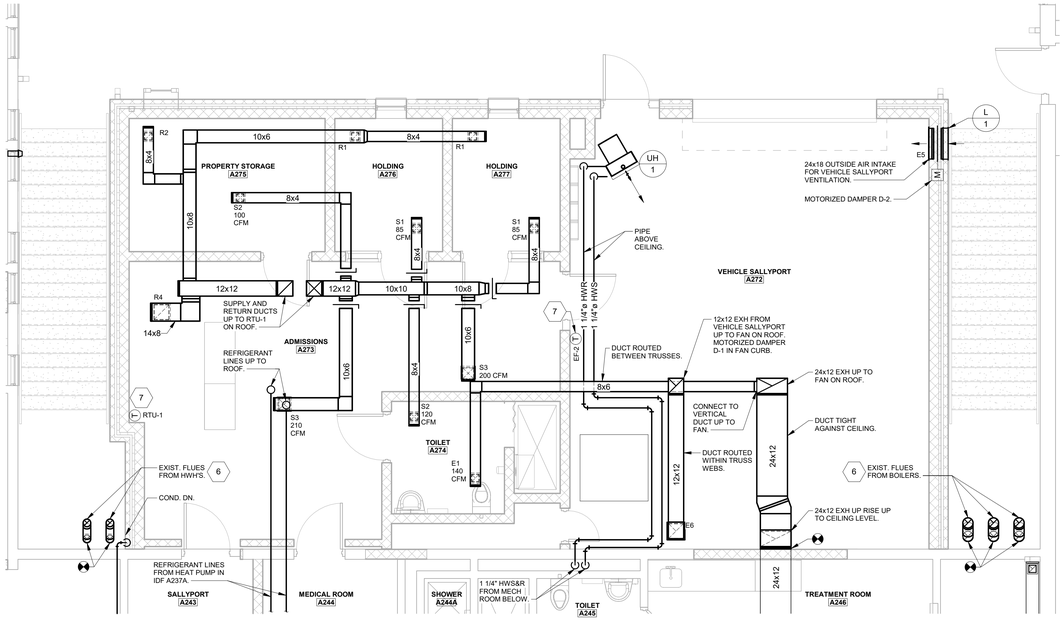
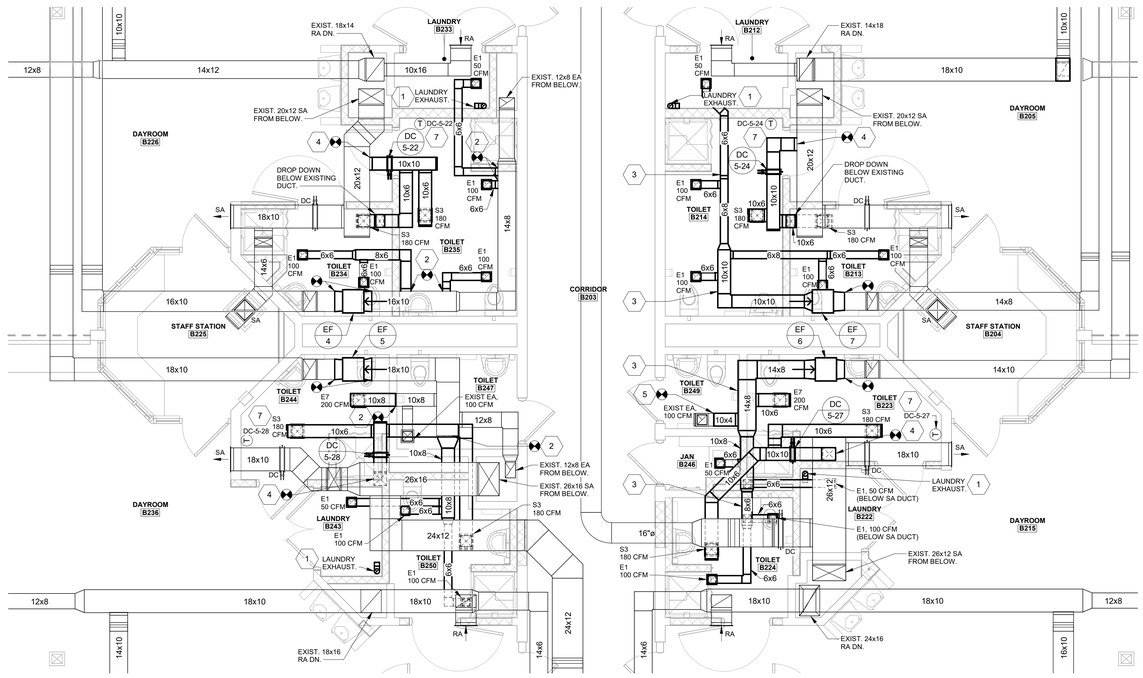


1 ENLARGED SECOND FLOOR PLAN - AREA A

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

0 2' 4' 8'



2 ENLARGED SECOND FLOOR PLAN - AREA B

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

0 2' 4' 8'

9/21/2026 3:04:29 PM

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

SHEET KEYNOTES

1. PROVIDE 4" DIAMETER LAUNDRY EXHAUST DUCT FROM DRYER UP TO VENT ON ROOF.
2. PROVIDE EXHAUST GRILLES AND BRANCH DUCTWORK BACK TO EXISTING EXHAUST DUCT MAIN. CONNECT TO EXISTING DUCT MAIN.
3. PROVIDE EXHAUST GRILLES AND DUCTWORK BACK TO PROPOSED EXHAUST FAN.
4. PROVIDE BRANCH DUCTWORK AND SUPPLY DIFFUSERS FROM SUPPLY DUCT MAIN. PROVIDE DUCT COIL AS INDICATED AND PROVIDE PIPING AS NEEDED TO RECONNECT TO EXISTING HWS&R PIPING.
5. EXISTING EXHAUST GRILLE TO REMAIN IN TOILET B249. RECONNECT BRANCH DUCTWORK TO PROPOSED EXHAUST MAIN DUCT.
6. EXTEND FLUES FROM BOILERS AND HOT WATER HEATERS UP BEYOND PROPOSED CANOPY ROOFS. OFFSET FLUES BELOW CANOPY ROOFS TO CLEAR EXISTING RAIN GUTTER. REFER TO DETAIL1 DRAWING M-502 FOR ADDITIONAL DETAILS.
7. PROVIDE VANDAL PROOF COVER FOR THERMOSTAT.

BALANCING NOTES

1. MC SHALL REBALANCE AIRFLOW THROUGHOUT THE ENTIRE BUILDING. THESE DESIGN DOCUMENTS ONLY SHOW DUCTWORK WHERE AFFECTED BY PROPOSED CONSTRUCTION. AIRFLOWS AT AIR TERMINALS ARE ONLY SHOWN ON THESE DESIGN DOCUMENTS WHERE THEY ARE BEING MODIFIED FROM THE ORIGINAL CONSTRUCTION DRAWINGS. REFER TO THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE ORIGINAL AIRFLOWS WHERE THEY ARE NOT BEING MODIFIED BY THE PROPOSED CONSTRUCTION. THE ORIGINAL CONSTRUCTION DRAWINGS ARE BEING PROVIDED FOR REFERENCE WITH THESE PROPOSED DESIGN DOCUMENTS.
2. MC MUST COMPLETE CONTROLS INSTALLATION AND BALANCING PRIOR TO THE COMPLETION OF SECURE OR INACCESSIBLE CEILINGS TO ENSURE ACCESS TO CONTROL AND BALANCING DEVICES ABOVE CEILINGS. COORDINATE WITH GC FOR AREAS WHERE ACCESS IS NEEDED.

NOTICE REGARDING BUILDING STRUCTURE:
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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

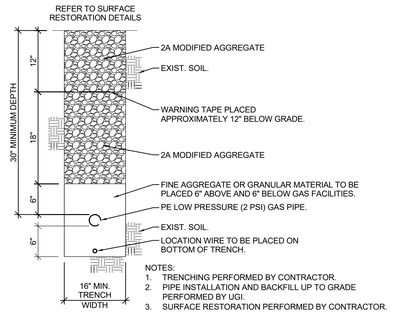
Drawing Title

ENLARGED MECHANICAL PLANS

Scale: 1/4" = 1'-0"	USA Project No.: R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-401
Drawn By: E.D.	Checked By: CRS

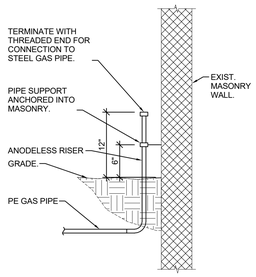
GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

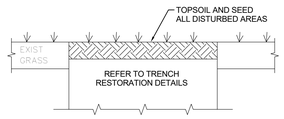


NOTES:
1. TRENCHING PERFORMED BY CONTRACTOR.
2. PIPE INSTALLATION AND BACKFILL UP TO GRADE PERFORMED BY UGI.
3. SURFACE RESTORATION PERFORMED BY CONTRACTOR.

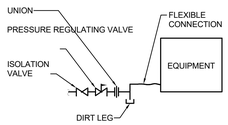
1 TYPICAL TRENCH DETAIL FOR INSTALLATION OF PE GAS SERVICE
SCALE: NONE



2 TYPICAL GAS PIPE RISER DETAIL
Scale: NONE

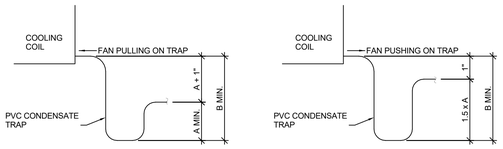


3 SURFACE RESTORATION DETAIL FOR GRASS AREAS
SCALE: NONE



*COORDINATE GAS CONNECTION TO EQUIPMENT WITH MANUFACTURER REQUIREMENTS AND RECOMMENDATIONS

4 GAS CONNECTION DETAIL
Scale: NOT TO SCALE

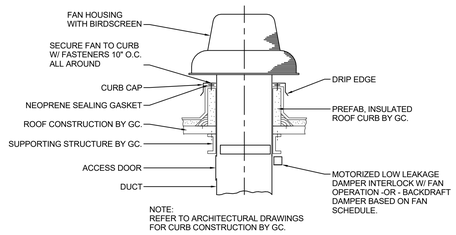


A = TOTAL STATIC PRESSURE (TSP) OF UNIT IN INCHES OF WC.
B = 2 x A+1

A = TOTAL STATIC PRESSURE (TSP) OF UNIT IN INCHES OF WC.
B = 1.5 x A+1

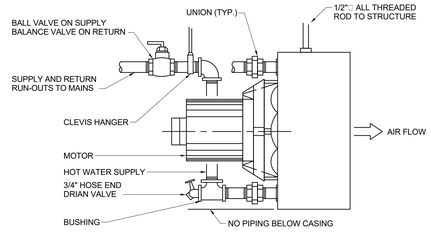
NOTES:
1. PROVIDE TRAP FOR EACH CONDENSATE DRAIN PAN.
2. WHERE REQUIRED CONTRACTOR SHALL CORE DRILL FLOOR TO ACCOMMODATE "B" DIMENSION OF TRAP. CORE DRILL A MINIMUM 6" DIAMETER HOLE TO ALLOW SPACE FOR TRAP DIAMETER.
3. ROUTE CONDENSATE DISCHARGE TO FLOOR DRAIN OR OTHER ACCEPTABLE DISCHARGE POINT.
4. FOR CONDENSATE DRAINS LOCATED INDOORS INSULATE TRAP AND CONDENSATE DRAIN TO A POINT 5 FEET BEYOND TRAP.
5. TRAP PIPE DIAMETER TO MATCH UNIT CONNECTION UNLESS OTHERWISE NOTED.

5 CONDENSATE TRAP DETAIL
SCALE: NONE

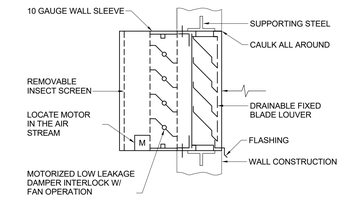


NOTE:
REFER TO ARCHITECTURAL DRAWINGS FOR CURB CONSTRUCTION BY GC.

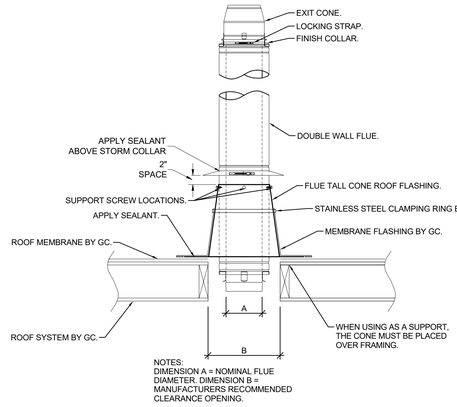
6 ROOF MOUNTED EXHAUST FAN
SCALE: NONE



7 HOT WATER UNIT HEATER
SCALE: NONE

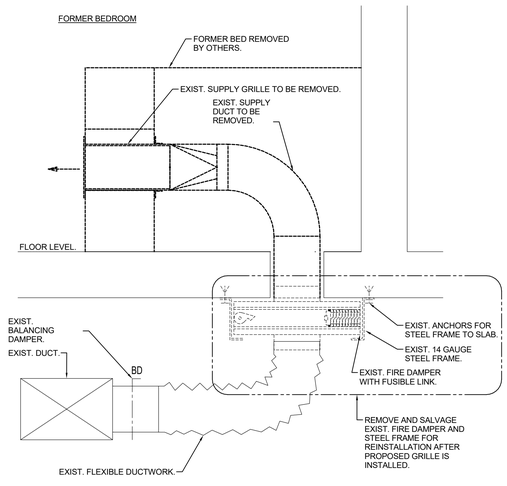


8 INTAKE LOUVER w/ DAMPER
SCALE: NONE

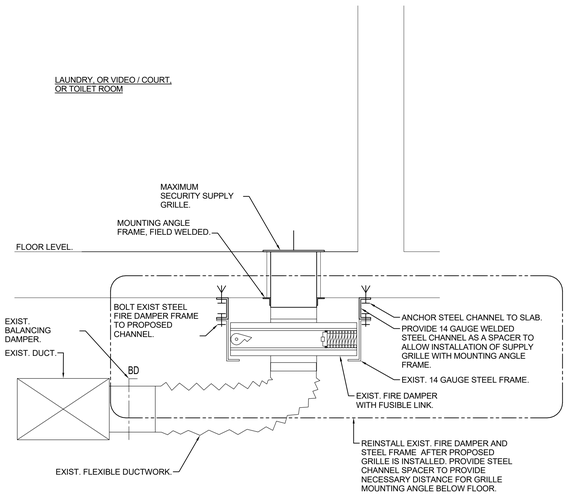


NOTES:
DIMENSION A = NOMINAL FLUE DIAMETER. DIMENSION B = MANUFACTURERS RECOMMENDED CLEARANCE OPENING.

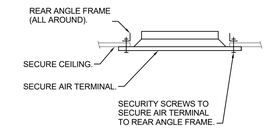
9 TALL CONE DOUBLE WALL FLUE THROUG ROOF DETAIL
SCALE: NONE



10 EXISTING SUPPLY GRILLE AND FIRE DAMPER DETAIL
SCALE: NONE



11 PROPOSED FLOOR SUPPLY GRILLE AND FIRE DAMPER DETAIL
SCALE: NONE



12 SECURE AIR TERMINAL DETAIL.
SCALE: NONE

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NJ: 21AC00116100 PA: AX001602L DE: 57-0000564 MD: 17644
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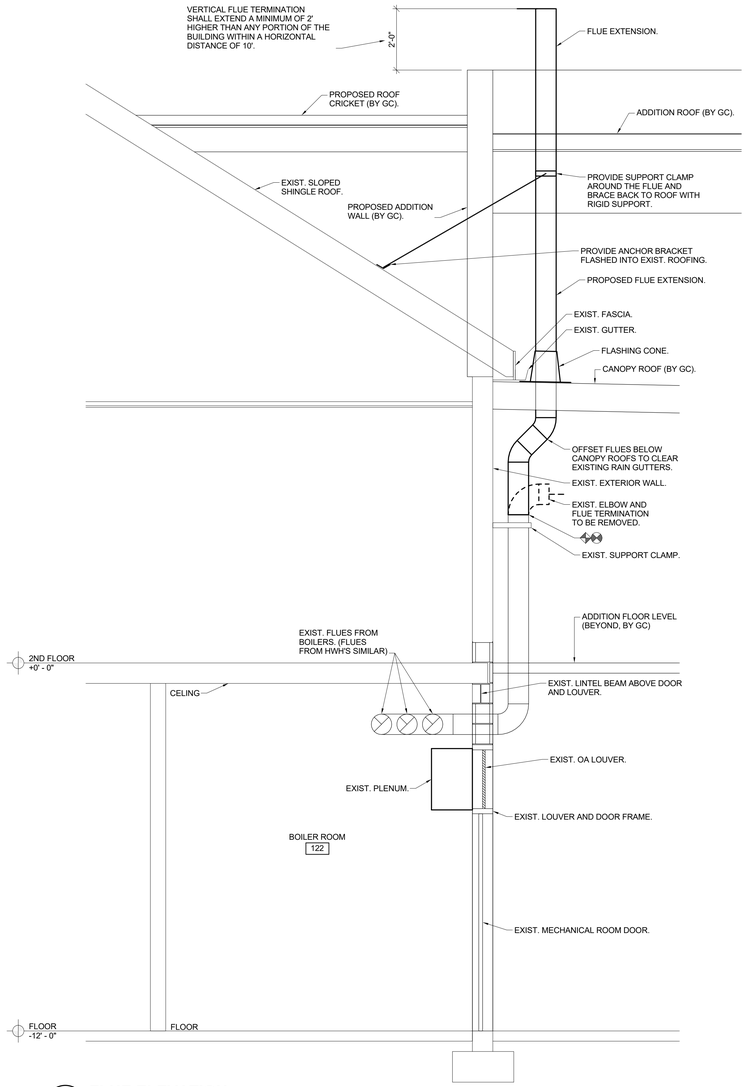
RENOVATIONS AND ADDITION
TO THE
KEYSTONE REGIONAL YOUTH CENTER
FOR
THE COUNTY OF BERKS
1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title
DETAILS

Scale	USA Project No. R2024.0111.01
Drawing Date 10.05.26	Drawing No. M-501
Drawn By E.D. / Checked By CRS	

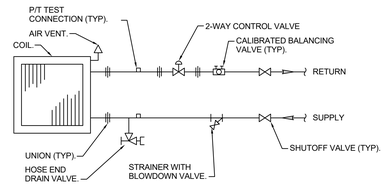
9/21/2026 3:04:38 PM



1 FLUE ELEVATION

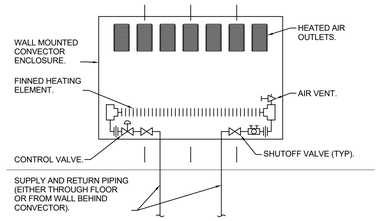
Scale: 1/2" = 1'-0"

0 1' 2' 4'



2 DUCT HOT WATER COIL (2-WAY)

SCALE: NONE



3 WALL HUNG CONVECTOR DETAIL

SCALE: NO SCALE

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

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NJ: 21AC00116100 PA: AX001602L DE: 57-0000564 MD: 17644

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

DETAILS

Scale	USA Project No.
1/2" = 1'-0"	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-502
Drawn By: E.D.	Checked By: CRS

9/21/2026 3:04:46 PM

HEAT PUMP ROOF TOP UNIT SCHEDULE

ITEM NO.	TYPE	CFM	OA CFM	ESP	COOLING (BTUH)		EAT DB/WB	HEATING		SUP. HEAT	MCA	MOP	VOLTAGE	BASIS OF DESIGN		NOTES
					TOTAL	SENS		BTUH	EAT					MANUFR	MODEL	
RTU-1	HEAT PUMP	800	230	0.50	23,300	17,400	80/67	10,540	60	7.5 KW	45	45	208/1/60	TRANE	IMPAK	1, 2, 3, 4

NOTES:
1. REFRIGERANT IS R-454B.
2. PROVIDE SUPPLEMENTAL ELECTRIC HEATING COIL. PROVIDE SINGLE POINT POWER ENTRY KIT TO POWER ELECTRIC HEATING COIL FORM SAME SOURCE AS UNIT.
3. PROVIDE WITH ECONOMIZER HOOD.
4. PROVIDE WITH 18" HIGH ROOF CURB. PROVIDE BLOCKING AS REQUIRED TO MOUNT OR LEVEL CURB.

HEAT PUMP INDOOR UNIT SCHEDULE

ITEM NO.	CORRESPONDING OUTDOOR UNIT	TYPE	CFM	COOLING (BTUH)		EAT DB/WB	HEATING		EAT DB	MCA	VOLTAGE	BASIS OF DESIGN		NOTES
				TOTAL	SENS		BTUH	EAT				MANUFACTURER	MODEL	
HP-1	CU-1	HIGH WALL	420	12,000	8760	80/67	18,000	70	70	1	208/230-1-60	TRANE	PKA-AL12NL	1, 2, 3, 4
HP-2	CU-2	HIGH WALL	450	18,000	10,800	80/67	22,000	70	70	1	208/230-1-60	TRANE	PKA-AL18NL	1, 2, 3, 4

NOTES:
1. REFRIGERANT IS R-454B.
2. INDOOR UNIT POWERED FROM OUTDOOR UNIT.
3. PROVIDE 7 DAY PROGRAMMABLE THERMOSTAT.
4. PROVIDE DISCONNECT.

HEAT PUMP OUTDOOR CONDENSING UNIT SCHEDULE

ITEM NO.	NOMINAL CAPACITY COOLING (BTUH)	NOMINAL CAPACITY HEATING (BTUH)	OA TEMP		SEER2	COP	MCA	MOCP	VOLTAGE	BASIS OF DESIGN		NOTES
			SUMMER	WINTER						MANUFACTURER	MODEL	
CU-1	12,000	9,400	95	17	21.10	2.8	16	27	208/230-1-60	TRANE	PUZ-AK12NL	1, 2, 3, 4
CU-2	18,000	11,700	95	17	19.5	2.4	16	27	208/230-1-60	TRANE	PUZ-AK18NL	1, 2, 3, 4

NOTES:
1. REFRIGERANT IS R-454B.
2. PROVIDE NEMA 3R DISCONNECT SWITCH.
3. PROVIDE LOW AMBIENT OPERATION.
4. PROVIDE 1/4" LIQUID AND 1/2" VAPOR REFRIGERANT LINES FOR PIPE LENGTH NO GREATER THAN 100'. CONTRACTOR SHALL VERIFY LINE SIZE WITH UNIT MANUFACTURERS REQUIREMENTS AND ACTUAL INSTALLED LENGTH OF PIPE. PROVIDE LIQUID FILTER DRYER, SIGHT GLASS, AND ISOLATION VALVES. BOTH LINES SHALL BE INSULATED.

FAN SCHEDULE

ITEM NO.	TYPE	MOUNTING	CFM	ESP (WC)	DRIVE	FAN RPM	MOTOR RATING	FLA	MCA	MOCP	VOLTAGE	BASIS OF DESIGN		NOTE
												MANUFACTURER	MODEL	
EF-1	DOWNBLAST	ROOF	1870	0.15	DIRECT	1117	1/2 HP	6.6	8.2	15	120-1-60	GREENHECK	G-140-VG	1, 2, 3, 4
EF-2	DOWNBLAST	ROOF	500	0.4	DIRECT	1493	1/10 HP	1.5	1.5	15	120-1-60	GREENHECK	G-090-VG	1, 2, 3, 6
EF-3	IN-LINE	SUSPENDED	330	0.4	DIRECT	1426	1/6 HP	2.8	3.5	15	120-1-60	GREENHECK	SQ-90-VG	1, 2, 4, 5
EF-4	IN-LINE	SUSPENDED	855	0.5	DIRECT	1509	1/6 HP	2.8	3.5	15	120-1-60	GREENHECK	SQ-9-M1-VG	1, 2, 4, 5
EF-5	IN-LINE	SUSPENDED	970	0.56	DIRECT	1644	1/4 HP	3.8	4.8	15	120-1-60	GREENHECK	SQ-9-M1-VG	1, 2, 4, 5
EF-6	IN-LINE	SUSPENDED	600	0.35	DIRECT	1200	1/6 HP	2.8	3.5	15	120-1-60	GREENHECK	SQ-9-M1-VG	1, 2, 4, 5
EF-7	IN-LINE	SUSPENDED	450	0.32	DIRECT	1831	1/3 HP	4.8	6.0	15	120-1-60	GREENHECK	SQ-7-M1-VG	1, 2, 4, 5

NOTES:
1. PROVIDE LOCAL DISCONNECT SWITCH.
2. PROVIDE SPEED CONTROLLER FOR BALANCING.
3. PROVIDE WITH 18" HIGH ROOF CURB. PROVIDE BLOCKING AS REQUIRED TO MOUNT OR LEVEL CURB.
4. PROVIDE BACKDRAFT DAMPER.
5. PROVIDE VIBRATION ISOLATION HANGERS.
6. PROVIDE MOTORIZED DAMPER.

UNIT HEATER SCHEDULE

ITEM NO.	TYPE	HEATING (MBH)	EAT	HOT WATER COIL				THROW (FEET)	MOTOR HP	MCA	MOP	VOLTAGE	BASIS OF DESIGN		NOTES
				GPM	EWT	LWT	P.D.						MANUFACTURER	MODEL	
UH-1	HORIZONTAL	49	60	9.6	140	120	0.41	54	1/3	5.6	10.1	120-1-60	TRANE	S-132	1
UH-8	HORIZONTAL	18	60	2.7	140	120	0.12	54	1/20	1.8	3.2	120-1-60	TRANE	S-48	1

NOTES:
1. PROVIDE INTEGRAL THERMOSTAT.

WATER COIL SCHEDULE

ITEM NO.	COIL TYPE	CFM	FIN HEIGHT (INCH)	FIN LENGTH (INCH)	MAX FACE VEL (FPM)	TOTAL MBH	EAT DB/WB	LAT DB/WB	AIR P.D.	GPM	EWT	LWT	WTR. P.D.	BASIS OF DESIGN		NOTE
														MANUFACTURER	MODEL	
DC-5-22	HEATING	360	9	10	550	11.74	57	87	0.189	1.18	140	120	0.37	TRANE	DT0B09010G0BA110BACA00B	1
DC-5-24	HEATING	360	9	10	550	11.74	57	87	0.189	1.18	140	120	0.37	TRANE	DT0B09010G0BA110BACA00B	1
DC-5-27	HEATING	360	9	10	550	11.74	57	87	0.189	1.18	140	120	0.37	TRANE	DT0B09010G0BA110BACA00B	1
DC-5-28	HEATING	360	9	10	550	11.74	57	87	0.189	1.18	140	120	0.37	TRANE	DT0B09010G0BA110BACA00B	1

NOTES:
1. CONFIRM COIL HAND WITH FIELD CONDITIONS PRIOR TO ORDERING.

AIR INLET AND OUTLET SCHEDULE

ITEM NO.	TYPE	NECK SIZE	FACE SIZE	BORDER SIZE	BLOW	BASIS OF DESIGN		NOTE
						MANUFACTURER	MODEL	
S1	MAXIMUM SECURITY DIFFUSER	6x6	6x6	8x8	--	TITUS	SG-SD	1
S2	MINIMUM SECURITY DIFFUSER	6x6	9x9	NECK +5 9/16"	4-WAY	TITUS	SG-TDC	2, 5
S3	MINIMUM SECURITY DIFFUSER	9x9	12x12	NECK +5 9/16"	4-WAY	TITUS	SG-TDC	2, 5
S4	MINIMUM SECURITY DIFFUSER	12x12	15x15	NECK +5 9/16"	4-WAY	TITUS	SG-TDC	2, 5
S5	MINIMUM SECURITY DIFFUSER	15x15	19x19	NECK +5 9/16"	4-WAY	TITUS	SG-TDC	2, 5
S6	MINIMUM SECURITY DIFFUSER	8x8	8x8	10x10	1-WAY	TITUS	SC-3300RL	5
S7	STANDARD DIFFUSER	6x6	9x9	24x24	4-WAY	TITUS	TDC-A4	3, 5
S8	STANDARD DIFFUSER	9x9	12x12	24x24	4-WAY	TITUS	TDC-A4	3, 5
S9	STANDARD DIFFUSER	12x12	15x15	24x24	4-WAY	TITUS	TDC-A4	3, 5
S10	STANDARD DIFFUSER	15x15	15x15	24x24	4-WAY	TITUS	TDC-A4	3, 5
R1	MAXIMUM SECURITY GRILLE	6x6	6x6	8x8	--	TITUS	SG-SD	1
R2	MINIMUM SECURITY GRILLE	6x6	6x6	8x8	--	TITUS	SG-3300RL	2, 5
R3	MINIMUM SECURITY GRILLE	8x8	8x8	10x10	--	TITUS	SG-3300RL	2, 5
R4	MINIMUM SECURITY GRILLE	12x12	12x12	14x14	--	TITUS	SG-3300RL	2, 5
R5	MINIMUM SECURITY GRILLE	16x16	16x16	18x18	--	TITUS	SG-3300RL	2, 5
R6	STANDARD GRILLE	6x6	6x6	24x24	--	TITUS	355RL	3, 5
R7	STANDARD GRILLE	8x8	8x8	24x24	--	TITUS	355RL	3, 5
R8	STANDARD GRILLE	10x10	10x10	24x24	--	TITUS	355RL	3, 5
R9	STANDARD GRILLE	14x14	14x14	24x24	--	TITUS	355RL	3, 5
R10	STANDARD GRILLE	18x18	18x18	24x24	--	TITUS	355RL	3, 5
E1	MINIMUM SECURITY GRILLE	6x6	6x6	8x8	--	TITUS	SG-1500FL	2, 5
E2	MINIMUM SECURITY GRILLE	8x4	8x4	10x6	--	TITUS	SG-1500FL	2, 5
E3	MINIMUM SECURITY GRILLE	12x6	12x6	14x8	--	TITUS	SG-1500FL	2, 5
E4	MINIMUM SECURITY GRILLE	12x8	12x8	14x10	--	TITUS	SG-1500FL	2, 5
E5	MINIMUM SECURITY GRILLE	24x18	24x18	26x20	--	TITUS	SG-1500FL	2, 5
E6	MINIMUM SECURITY GRILLE	12x12	12x12	14x14	--	TITUS	SG-1500FL	2, 5
E7	MINIMUM SECURITY GRILLE	9x9	9x9	11x11	--	TITUS	SG-1500FL	2, 5
E8	MINIMUM SECURITY GRILLE	16x8	16x8	18x10	--	TITUS	SG-1500FL	2, 5
T1	MINIMUM SECURITY GRILLE	8x8	8x8	10x10	--	TITUS	SG-3300RL	4

NOTES:
1. ORDER SLEEVE LENGTH AFTER FIELD MEASURING FLOOR / WALL PENETRATION. PROVIDE MOUNTING ANGLE FRAME AND FIELD WELD TO SLEEVE TO SECURE INSTALLATION.
2. PROVIDE REAR ANGLE FRAME TO SECURE DIFFUSER OR GRILLE IN SECURE CEILING. PROVIDE SECURITY SCREWS FOR MOUNTING.
3. PROVIDE BORDER TYPE 3, LAY-IN PANEL.
4. ORDER SLEEVE LENGTH TO MATCH WALL THICKNESS. TRANSFER GRILLE CONSISTS OF WALL SLEEVE WITH TWO FACTORY WELDED GRILLE FACES. GRILLE MUST BE GROUTED INTO WALL DURING WALL CONSTRUCTION.
5. PROVIDE OPPOSED BLADE DAMPER OPERATED FROM FACE OF THE DIFFUSER OR GRILLE.

CONVECTOR SCHEDULE

ITEM NO.	MOUNTING	HEATING (BTUH)	EAT	HOT WATER COIL				CABINET SIZE	BASIS OF DESIGN		NOTES
				GPM	EWT	LWT	PD		MANUFACTURER	MODEL	
CV-1	WALL, SURFACE	3900	70	1	140	120	0.167	8"Dx40"Wx32"H	STERLING	W-A-8-40-32	1, 2, 3, 4, 5
CV-2	WALL, SURFACE	3900	70	1	140	120	0.167	8"Dx40"Wx32"H	STERLING	W-A-8-40-32	1, 2, 3, 4, 5

NOTES:
1. PROVIDE TAMPER RESISTANT FASTENERS.
2. PROVIDE TAMPER RESISTANT DAMPER OPERATOR.
3. CONSTRUCTION SHALL BE HEAVY GAUGE INSTITUTIONAL CONVECTOR.
4. PROVIDE DUAL INLET HEADER TO ALLOW PIPING FROM EITHER TOP OR BOTTOM BASED ON EXISTING PIPE CONFIGURATION.
5. PROVIDE THERMOSTATIC MIXING VALVE.

LOUVER SCHEDULE

ITEM NO.	LOUVER TYPE	LOUVER DIMENSIONS	FREE AREA (SQ. FT.)	BASIS OF DESIGN		NOTES
				MANUFACTURER	MODEL	
L-1	STATIONARY	24x18	1.2	GREENHECK	ESD-435	1, 2

NOTES:
1. PROVIDE BIRD SCREEN.
2. PROVIDE MOTORIZED DAMPER TO MATCH SIZE.

MECHANICAL (HVAC) LEGEND

	ITEM TO DEMOLISH
	VALVE
	BALL VALVE
	BALANCING VALVE
	CHECK VALVE
	PRESSURE REDUCING VALVE
	ANGLE VALVE
M	MOTOR OPERATED VALVE
	STRAINER
	STRAINER W/ BLOW OFF
	RELIEF VALVE
	AIR VENT - MANUAL
AV	AIR VENT, AUTOMATIC
	PIPING FLEXIBLE CONNECTION
	REDUCER
	UNION
T	THERMOSTAT
	PIPING UP
	PIPING DOWN
	DIRECTION OF FLOW
24x12	DUCT SIZE, FIRST FIGURE IS SHOWN
	DUCT SECTION, SUPPLY AIR
	DUCT SECTION, RETURN AIR
	DUCT SECTION, EXHAUST AIR
	DUCT FLEXIBLE CONNECTION
	TURNING VANES
	BALANCING DAMPER
CD	CEILING MOUNTED DIFFUSER
	FIRE DAMPER
	SMOKE DAMPER
M	MOTOR OPERATED DAMPER
	CENTRIFUGAL PUMP
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
RD	REFRIGERANT DISCHARGE
RS	REFRIGERANT SUCTION
G	NATURAL GAS
	EQUIPMENT DESIGNATION
	CONNECTION TO EXISTING
	POINT OF DISCONNECTION
	AIR FLOW

ATC	ACOUSTIC TILE CEILING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BLDG	BUILDING
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEAN-OUT
CONC	CONCRETE
COND	AIR CONDITIONING CONDENSATE
DB	DRY BULB
DIA, ⌀	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EACH, EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL(LY)
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB
EWT	ENTERING WATER TEMPERATURE
EXIST	EXISTING
EXH	EXHAUST
FD	FLOOR DRAIN
FLEX	FLEXIBLE CONNECTOR
FIN	FINISHED
FLR	FLOOR
GC	GENERAL CONTRACTOR
HORIZ	HORIZONTAL
HP	HORSEPOWER
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HC	HVAC CONTRACTOR
JAN	JANITOR, JANITOR'S CLOSET
LAT	LEAVING AIR TEMPERATURE
LVL	LEVEL
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MEP	MECHANICAL / ELECTRICAL / PLUMBING
MIN	MINIMUM
MISC	MISCELLANEOUS
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NA	NOT APPLICABLE
NO	NUMBER, NORMALLY OPEN
OA	OVERALL, OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PNL	PANEL
PRV	PRESSURE REGULATING VALVE
PSI	POUNDS PER SQUARE INCH
RA	RETURN AIR
REQD	REQUIRED
SA	SUPPLY AIR
TYP	TYPICAL
UH	UNIT HEATER
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
W/	WITH
W/O	WITHOUT
WB	WET BULB

GENERAL SHEET NOTES

1. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
2. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

NRG CONTROLS IS THE COUNTY'S PREFERRED CONTROLS CONTRACTOR.

GENERAL DEMOLITION NOTES

1. THE FOLLOWING DEFINITIONS APPLY TO THE WORK:
   A. REMOVE: REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED OR TO REMAIN THE OWNER'S PROPERTY.
   B. REMOVE AND SALVAGE: ITEMS INDICATED TO BE REMOVED AND SALVAGED REMAIN THE OWNER'S PROPERTY. REMOVE, CLEAN AND PACK OR CRATE ITEMS TO PROTECT AGAINST DAMAGE. IDENTIFY CONTENTS OF CONTAINERS AND DELIVERY TO OWNER'S DESIGNATED STORAGE AREA.
   C. REMOVE AND REINSTALL: REMOVE ITEMS INDICATED:CLEAN, SERVICE AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT THEM AGAINST DAMAGE. REINSTALL ITEMS IN THE SAME LOCATIONS OR IN LOCATIONS INDICATED.
   D. EXISTING TO REMAIN: PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGED AND SOILING DURING SELECTIVE DEMOLITION. WHEN PERMITTED BY THE OWNER'S REPRESENTATIVE, ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS.
2. THE OWNER RESERVES THE RIGHT TO SALVAGE ANY ITEMS IDENTIFIED TO BE REMOVED. AT THE BEGINNING OF DEMOLITION WORK THE OWNER'S REPRESENTATIVE SHALL IDENTIFY ALL ITEMS TO BE SALVAGED.
3. DEMOLITION SHALL BE PERFORMED IN AN ORDERLY FASHION. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PROTECT EXISTING FACILITIES FROM DAMAGE DURING CONSTRUCTION.
4. ALL DEMOLITION AND CONSTRUCTION DEBRIS SHALL BE REMOVED BY THE CONTRACTOR THROUGH AN AUTHORIZED EPA WASTE CONTRACTOR.

GENERAL MECHANICAL NOTES

1. PIPING AND DUCTWORK SHOWN IS GENERALLY DIAGRAMMATIC AND INDICATES THE WORK TO BE PERFORMED. NOT ALL FITTINGS AND OFFSETS ARE SHOWN. FOLLOW DRAWINGS AS CLOSELY AS FIELD CONDITIONS ALLOW.
2. ALL PIPING TO TERMINAL UNITS SHALL BE 3/4" UNLESS NOTED OTHERWISE.
3. PROVIDE DRAIN VALVES AT PIPING LOW POINTS AND MANUAL AIR VENT VALVES AT PIPING HIGH POINTS.
4. AIR CONDITIONING CONDENSATE PIPING SHALL HAVE A MINIMUM SLOPE OF 1/4" PER 1'-0".
5. DUCTWORK DIMENSIONS INDICATED ARE NET INSIDE (AIRSIDE) DIMENSIONS. ON LINED DUCTWORK, INCREASE SHEET METAL DIMENSIONS TO ALLOW FOR INSULATION THICKNESS.
6. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT ALL DUCT CONNECTIONS TO MECHANICAL EQUIPMENT.
7. COORDINATE FINAL DIFFUSER AND GRILLE LOCATIONS WITH THE REFLECTED CEILING PLAN(S).
8. PROVIDE ALL MISCELLANEOUS STEEL SHAPES, HANGER RODS, STRAPS, ETC. REQUIRED FOR ALL MECHANICAL SYSTEM INSTALLATIONS.
9. CONCRETE AND MASONRY FLOOR AND WALL PENETRATIONS REQUIRED FOR NEW PIPING SHALL BE CORE DRILLED WHERE POSSIBLE. PROVIDE SLEEVED PENETRATIONS SEALED AIRTIGHT AND WEATHERTIGHT WITH FIRE RATED SEALANT.
10. CUT AND PATCH EXISTING WALLS, FLOORS, AND CEILINGS FOR THE INSTALLATION OF PIPING, DUCTWORK, AND CONDUIT IN FINISHED AREAS. RESTORE AND FINISH WALLS, FLOORS, AND CEILINGS TO PRE-CONSTRUCTION CONDITIONS. PIPING, DUCTWORK, AND CONDUIT SHALL BE EXPOSED IN FINISHED AREAS ONLY AS NOTED ON THE DRAWINGS.
11. COORDINATE FLOOR PENETRATIONS WITH EXISTING BUILDING STRUCTURE PRIOR TO LAYOUT.
12. COORDINATE REMOVAL OF EXISTING SUSPENDED ACOUSTICAL PANEL CEILINGS TO ACCOMMODATE WORK WITH GC.
13. FINISH PAINT ALL OUTDOOR IRON AND STEEL SURFACES LOCATED ABOVE GRADE. REFER TO SPEC SECTION 09 91 13 FOR ACCEPTABLE EXTERIOR PAINTS.
14. ALL UNDERGROUND UTILITIES AND ASSOCIATED FOUNDATIONS / STRUCTURES SHALL BE LOCATED BY THE CONTRACTOR PRIOR TO ANY EARTH MOVING ACTIVITIES, PURSUANT TO PA ACT NO. 38, BY NOTIFICATION TO THE PENNSYLVANIA "ONE CALL SYSTEM" AT 1-800-242-1776.
15. REMOVE ALL SOFT AND SPONGY SUBGRADE AND BACKFILL WITH PENNDOT 2A GRAVEL BEFORE PLACING SUBBASE OR BEDDING.
16. FLEXIBLE DUCTWORK LENGTHS SHALL BE A MAXIMUM OF 6'-0"
17. ALL 90° RECTANGULAR DUCT ELBOWS SHALL HAVE TURNING VANES.
18. BOILER ROOMS REQUIRE A 1-HOUR FIRE RATING. ALL NEW AND EXISTING CEILING AND WALL PENETRATIONS AND OPENINGS SHALL BE SEALED WITH APPROPRIATE MATERIALS IN ORDER TO MAINTAIN A 1-HOUR RATING.
19. ALL GAS PRESSURE REGULATORS (INCLUDING REGULATORS PROVIDED WITH GAS EQUIPMENT) SHALL BE VENTED TO ATMOSPHERE (OUTDOORS).

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RENOVATIONS AND ADDITION

TO THE

KEYSTONE REGIONAL YOUTH CENTER

FOR

THE COUNTY OF BERKS

1261 COUNTY WELFARE ROAD
LEESPORT, PA 19533

No.	Date	Issue or Revision
	10.05.26	ISSUED FOR BID

Drawing Title

SCHEDULES, NOTES, AND LEGEND

Scale	USA Project No.
	R2024.0111.01
Drawing Date: 10.05.26	Drawing No.: M-701
Drawn By: E.D.	Checked By: CRS

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HEAT PUMP RTU-1

A. GENERAL:
1. Heat Pump (HP) Unit controllers shall be DDC, custom programmable Application Controllers as specified in Div 23 Direct Digital Control System for HVAC and Zone Sensors
2. All controllers and control devices shall be provided by the controls provider and field installed in/on the unit unless provided integral to the unit.
3. All setpoints shall be operator adjustable.
4. Individual zone/unit setpoint and control logic shall reside at the zone/unit level, and not be dependent upon the BAS for control. In the event of communication loss, the unit shall continue to control to current setpoints.

B. RUN CONDITIONS
1. Unit shall be automatically or manually enabled to run in Occupied or Unoccupied mode as follows:
a. Automatic operation in Occupied/Unoccupied modes as scheduled.
b. OR Manually selected by user from graphic interface.
c. When the unit is stopped (manually, automatically in unoccupied, or from safety functions), the fans shall be de-energized, the louver and unit outside air (OA) dampers shall close, and return air (RA) dampers shall open, the compressors shall stop.
2. HP Optimal Start: During this warm-up/cool-down mode, the unit return and outside air dampers shall operate as described in the Unoccupied mode
3. Fan Status monitoring and alarms shall be provided as follows:
a. Fan Failure: Commanded on, but the status is off.
b. Fan in Hand: Commanded off, but the status is on.

C. FAN CONTROL
1. Occupied mode:
a. Supply fan:
1) Shall be enabled to run continuously, unless shutdown on safeties.
2. Unoccupied mode:
a. Fan shall cycle to maintain a set back/up temperature.

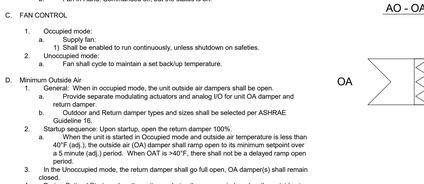
D. Minimum Outside Air
1. General: When in occupied mode, the unit outside air dampers shall be open.
a. Provide separate modulating actuators and analog I/O for unit OA damper and return damper.
b. Outdoor and Return damper types and sizes shall be selected per ASHRAE Guideline 16.
2. Startup sequence: Upon startup, open the return damper 100%.
a. When the unit is started in Occupied mode and outside air temperature is less than 40°F (adj.), the outside air (OA) damper shall ramp open to its minimum setpoint over a 5 minute (adj.) period. When OAT is >40°F, there shall not be a delayed ramp open period.
3. In the Unoccupied mode, the return damper shall go full open, OA damper(s) shall remain closed.
4. During Optimal Start or when the unit runs during the unoccupied modes, the outside air and relief dampers shall be closed.

E. Temperature AND HUMIDITY Control
1. General: The controller shall monitor the following temperature/humidity sensors and use as required for control functions as described in the sections following.
a. Outside Air Temperature
1) networked (coordinate with BAS)
b. Outside Air Relative Humidity (used as required for OA Enthalpy calculation)
1) networked (coordinate with BAS)
c. Return Air Temperature:
1) Alarms shall be provided as follows: only during the occupied period (not during the unoccupied/optimal start periods).
a) High Return Air Temp: If the return air temperature is greater than 80°F (adj.) for more than 30 minutes (adj.).
b) Low Return Air Temp: If the return air temperature is less than 65°F (adj.), for more than 30 minutes (adj.).
d. Return Air Humidity: The controller shall monitor the return air humidity.
1) Alarms shall be provided as follows:
a) High Return Air Humidity: If the return air humidity is greater than 10% RH (adj.) above the upper limit of 55% (adj.).
2) Humidity Control:
a) When return air humidity is greater than 60% RH (adjustable), cooling shall energize to the maximum cooling and HGRH shall modulate / cycle to maintain space temperature set point.
b) When return air humidity falls 5% (adjustable) below 60% RH (adjustable) unit shall return to cooling control to normal space temperature control.
c) Alarm when return air humidity is 5% above RH setpoints.
e. Mixed Air Temperature: The controller shall monitor the mixed air temperature and use as required for heating control.
1) The low limit mixed air temperature sensor shall be an averaging type of sufficient length and properly arranged in furthest downstream section of mixed air plenum in order to compensate for incomplete mixing and temperature variations of the mixed air stream. The length of the sensor shall the greater of 20' minimum or 1' per 1 sq. ft. of heating coil face area.
2) Alarms shall be provided as follows:
a) High Mixed Air Temp: Only when economizer is enabled If the mixed air temperature is greater than 5°F (adj.) above effective MAT setpoint or upper limit of 85°F (adj.).
b) Low Mixed Air Temp: Only when economizer is enabled, if the mixed air temperature is less than 5°F (adj.) below effective MAT setpoint or lower limit of 40°F (adj.).
f. Discharge Air Temperature:
1) Alarms shall be provided as follows:
a) High Discharge Air Temp: If greater than 5°F (adj.) above effective DAT setpoint or upper limit of 75°F (adj.).
b) Low Discharge Air Temp: If less than 5°F (adj.) below effective DAT setpoint or lower limit of 50°F (adj.).

F. HEATING Temperature Control
1. When enabled, the controller shall modulate to maintain the space heating setpoint. This heating setpoint shall be able to be user selectable.
2. Alarms shall be provided as follows:
a. Low Heating Fault: If the DAT is 5°F (adj.) less than DAT heating setpoint for more than 5 minutes (adj.) continuous.
b. High Temp alarm: If greater than 5°F (adj.) above effective PHDAT setpoint or upper limit of 75°F (adj.), but only when MAT is less than PHDAT setpoint.

G. Cooling Temperature Control
1. The controller shall monitor the space Air Temperature sensor and use as required for cooling coil control.
2. The unit system shall modulate last in sequence to maintain the space setpoint. The cooling coil control shall be enabled whenever:
a. The supply fan status is on.

H. Miscellaneous Alarms & System Diagnostics
1. Miscellaneous Alarms shall be provided as follows:
a. Clogged Filter Switch: The controller shall monitor the differential pressure across the filters.
1) Alarms shall be provided as follows: Filter Change Required: Filter differential pressure exceeds a user definable limit (adj.).
2. HP Communications BAS Interface:
a. The interface shall be connected directly to the main BAS network trunk to monitor, display, trend and report the following minimum points. Interface shall not be networked indirectly to the main BAS through HP controller:
1) Hand/Auto selection indication
2) Drive Amps
3) kW (compare instantaneous value, the connected motor nameplate HP/kW (constant) and the ratio)
4) Operating hours
5) Warnings
6) Faults



2 HP-1/CU-1 & HP-2/CU-2 HEAT PUMP UNIT CONTROL DIAGRAM

Scale: NO SCALE

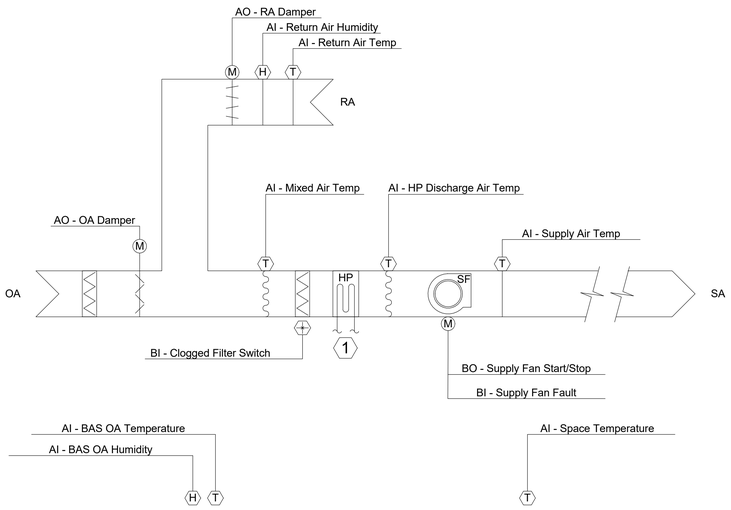
SEQUENCE OF OPERATION:

A. FAN CONTROL: THE FAN WILL CYCLE BASED ON A CALL FOR COOLING FROM THE SPACE THERMOSTAT.

B. TEMPERATURE CONTROL: SPACE TEMPERATURE IS CONTROLLED BY CYCLING THE COMPRESSOR ON AND OFF IN THE CONDENSING UNIT AS SENSED BY THERMOSTAT IN SPACE. INITIAL SPACE TEMPERATURE SETPOINTS SHALL BE 77 DEG. F. FOR COOLING.

C. MONITORING: WALL MOUNTED TEMPERATURE SENSOR SHALL MONITOR SPACE TEMPERATURE AND GENERATE AN ALARM WHEN SPACE TEMPERATURE RISES ABOVE 80°F (ADJ.).

D. MANUFACTURER SUPPLIED CONTROLLER/THERMOSTAT SHALL CONTROL UNITS; ONLY CONNECTION TO BAS IS MONITORING THERMOSTAT (TEMPERATURE AND HUMIDITY).

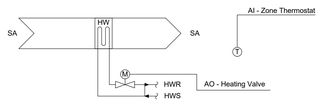


1 RTU-1 CONTROLS DIAGRAM & POINTS LIST

Scale: NO SCALE

1 Refrigerant system piping, components, control devices, sensors, etc., by unit manufacturer. Controls System Contractor (CSC) shall coordinate sequence of operations, safeties, etc. with unit manufacturer for factory install and testing of CSC furnished controller. CSC shall control refrigerant circuit as needed to satisfy the sequence of operations and manufacturer requirements.

RTU-1	Hardware Points				Software Points					
Point Name	AI	AO	BI	BO	AV	BV	SCHED	TREND	ALARM	SHOW ON GRAPHIC
Auto Zone Run					×					×
Optimum Start						×				×
Manual						×				×
Auto - Schedule							×			×
Supply Fan Start/Stop				×				×		×
Supply Fan Fault			×			×			×	
Supply Fan High Static Shutdown			×						×	×
Supply Fan Network Interface Points					×					×
Supply Airflow Setpoint										×
Return Damper Position - 1		×								×
Return Damper Actuator - 1		×								×
OA Damper Actuator		×								×
Space Temperature	×							×		×
Return Air Temp	×							×		×
Return Air Humidity	×							×		×
High Return Air Temp					×				×	×
Low Return Air Temp					×				×	×
High Return Air Humidity					×				×	×
Outdoor Air Temp	×							×		×
Outdoor Air Humidity/Enthalpy	×							×		×
Unit Discharge Air Temperature	×							×		×
Discharge Air Temp Setpoint (initial and effective)					x					x
High Discharge Air Temp					×				×	×
Low Discharge Air Temp					×				×	×
Mixed Air Temp	×							×		×
HP Control		×								×
Clogged Filter Switch			×					×	×	×
Filter Change Required									×	×
HP System Network Interface Points					×					×
HP Status			x							×
HP Enable				x						×
HP Capacity (%)		x						×		×
HP Fault			x						×	×
Fan Control Fault										
Unstable PID (any fan speed output)									×	
Damper Control Fault										
Unstable PID (any damper)									×	
Temp/Humidity Control Fault										
Unstable PID (any heating/cooling output)									×	



3 REHEAT COIL CONTROLS DIAGRAM & POINTS LIST

Scale: NO SCALE

REHEAT COIL

A. GENERAL:
1. Reheat Coil shall be pressure independent, custom programmable Application Controllers as specified in Div 23 Direct Digital Control System for HVAC.

B. ZONE TEMPERATURE CONTROL
1. Temperature Setpoints: Provide operator definable, independent heating and cooling temperature setpoints separated by a deadband.
a. Initial setpoint values shall be as selected by Client Agency for the occupied, unoccupied and holiday modes and/or as otherwise defined for specific application by design professional.
2. The unit shall maintain zone temperature setpoints by controlling the reheat coil valve via the following:
a. Occupied:
1) When zone temperature is less than its heating setpoint, first the reheat shall modulate open control until LAT is 85°F, then reheat shall maintain 85°F LAT
a) Reheat Heating Coil Valve: From 0-100% (adj.) zone heating demand output.
b. Unoccupied:
1) Reheat coil shall cycle between min unoccupied-max heat/cool modes during unoccupied periods while allowing for wider temperature offset ranges above and below setpoints. The intent is to allow the associated air handling unit(s) not to have to run continuously during the normally unoccupied period but rather cycle only as needed to keep zones within an acceptable temperature range.
a) Apply +/- 5-10 degree (adjustable) allowable "drift" from unoccupied heating and cooling setpoints as described below.
b) Heating: Reheat coil shall be used to maintain unoccupied heating setpoints as much as possible. A zone would not initiate a heating demand request until the zone temperature has gone 5-10 degrees below its unoccupied setpoint. At that point, unoccupied heating maximum airflow setpoint and reheating valve(s) would open to 100% until space reaches 3 degrees above unoccupied space temperature setpoint.

C. ZONE SENSORS
1. Room Temperature Sensors:
a. Zone Setpoint Adjustment (where present): The occupant shall be able to adjust the zone temperature heating and cooling setpoints at the zone sensor. Range shall be user defined at BAS, +/-0°F (adj.) initial.
b. Zone Unoccupied Override (where present): Atimed local override controll shallallow an occupant to override the schedule and place the unit into the mode maintaining occupied temperatures setpoints for a 1 hour (adj.) period of time. At the exparation of this time control of the unit shall automatically return to the schedule.

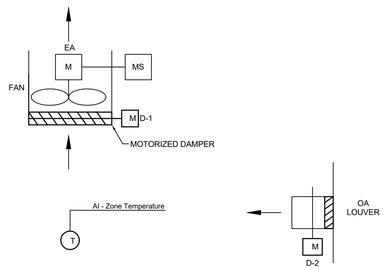
D. MONITORING AND ALARMING
1. Alarms shall be provided as follows:
a. Zone Temperature Failure (at any time, any AHU mode this shall be alarmed separately from common terminal unit faults)
1) High Zone Temp: If the zone temperature is greater than the cooling setpoint by 5°F (adj.) for a minimum 60 minutes (adj) continuously.
2) Low Zone Temp: If the zone temperature is less than the heating setpoint by 5°F (adj.) for a minimum 60 minutes (adj) continuously.

TYPICAL FOR EACH REHEAT COIL										
REHEAT COIL	Hardware Points				Software Points					
Point Name	AI	AO	BI	BO	AV	BV	SCHED	TREND	ALARM	SHOW ON GRAPHIC
Schedule						x	x			x
Zone Temperature Setpoint					x					x
Zone Temperature Measured	x				x			x	x	x
Airflow	x				x					x
Reheat Control Valve		x			x					x
Occupancy Sensor			x			x		x		x
Zone Occupancy Override			x							x

1. Exhaust fan shall run continuously.

4 EF-1, 3, 4, 5, 6, & 7 TOILET EXHAUST CONTROL

Scale: NO SCALE

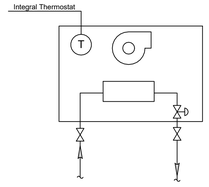


5 EF-2 EXHAUST CONTROL

Scale: NO SCALE

EF-2
A. GENERAL: The ventilation system will be automatically controlled, by space temperature or manually started by wall switch.
B. TEMPERATURE: On a rise in space temperature as sensed by space sensor above 80°F (adj.), the exhaust fan low speed is energized and mechanical room dampers D-1 & D-2 shall open. On a drop in space temperature 5°F below setpoint, the fan is de-energized and dampers D-1 & D-2 shall close.
C. Manual control: Provide manual wall / timer switch to manually control fan and dampers on and off. Switch on: fans and dampers shall run / open for a set time period (20 minutes adjustable). Switch off: fan and dampers shall stop / close.
D. MONITORING, ALARMING, AND TRENDING: In addition to points mentioned in sequences, the BAS performs monitoring and alarm generation on the following: Alarms and status will be displayed at the operator terminal.
Low/high space temperature (45°F/100°F alarm)
Fan on/off and totaled run time

EF-2	Hardware Points				Software Points					
Point Name	AI	AO	BI	BO	AV	BV	SCHED	TREND	ALARM	SHOW ON GRAPHIC
Space Temp Sensor	×				×					×
Low Space Temp Alarm (45°F adj)						×			×	×
High Space Temp Alarm (100 °F Adj)						×			×	×
Fan Start/Stop								×		×
Fan on/off Totalized Run Time					×				×	×
Intake Damper Open/Close				×					×	×
Exhaust Damper Open/Close				×					×	×



6 HOT WATER UNIT HEATER CONTROLS

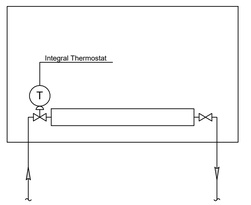
Scale: NO SCALE

HOT WATER UNIT HEATER
A. The integral thermostat is adjustable by occupants.

SEQUENCE OF OPERATION

1. Hot Water Unit Heater Control

There are hot water unit heaters in the mechanical spaces. Each unit heater shall be controlled independently to maintain space temperature of 65 degrees F (adjustable) as sensed at the heater's integral thermostat. When space temperature falls below 65 degrees F, the unit heater shall be energized. When space temperature reaches 70 degrees F (adjustable) the unit heater shall be deenergized.



7 CONVECTOR CONTROLS DIAGRAM

Scale: NO SCALE

CONVECTOR
A. The integral thermostat is adjustable.

GENERAL SHEET NOTES

1. REFER TO DRAWING M-701 FOR THE MECHANICAL LEGEND.
2. REFER TO DRAWING M-701 FOR THE MECHANICAL SCHEDULES.
3. REFER TO THE M-500 SERIES DRAWINGS FOR THE MECHANICAL DETAILS.
4. FOR EQUIPMENT AND MATERIAL DESCRIPTIONS REFER TO THE PROJECT MANUAL.

NRG CONTROLS IS THE COUNTY'S PREFERRED CONTROLS CONTRACTOR.

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CONTROLS

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