

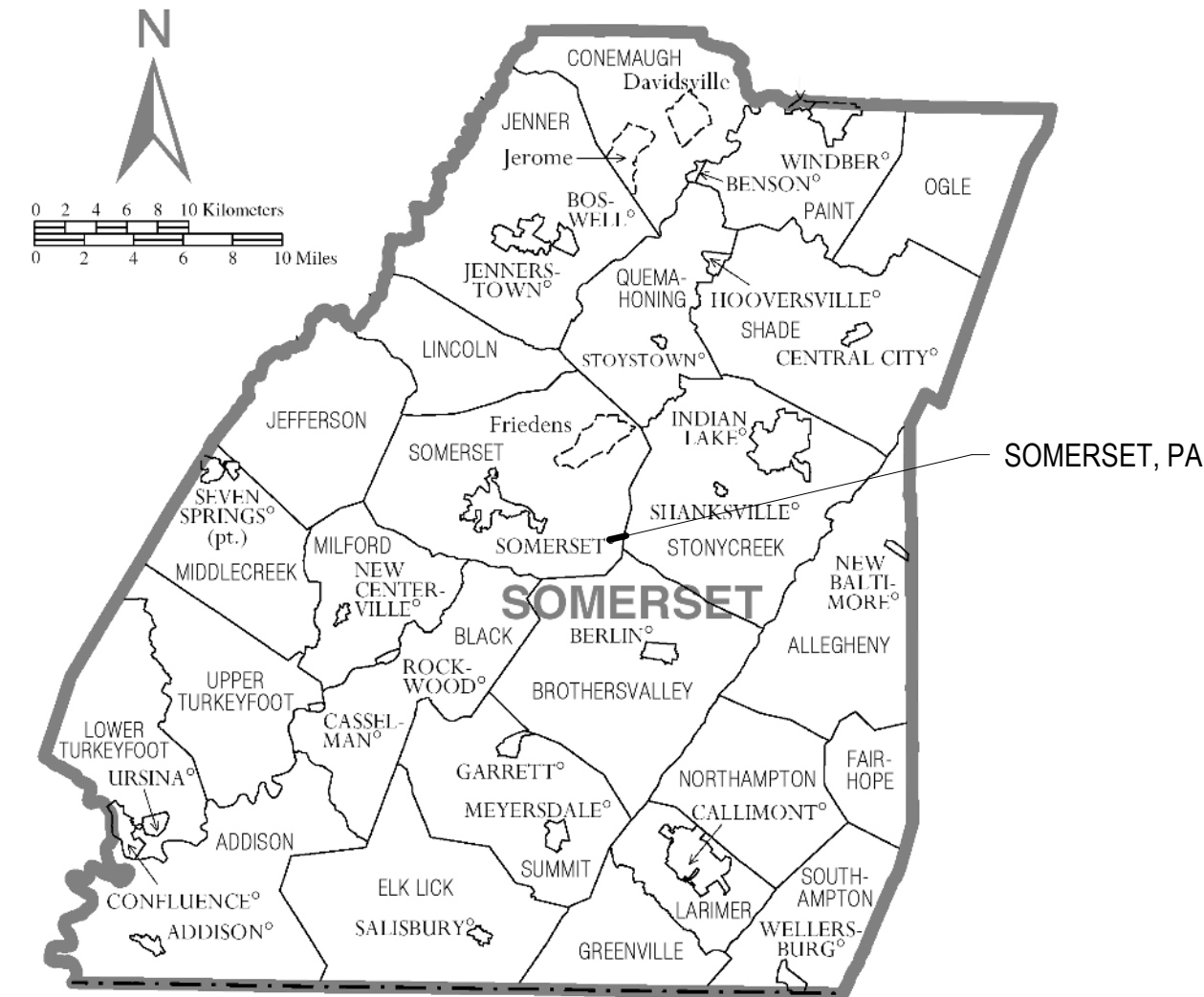
CAMPUS MAP



PROJECT LOCATION

ADULT DAYCARE FACILITY ALSM - SOMERSET, PA

COUNTY MAP



SOMERSET, PA

STATE MAP



SOMERSET COUNTY

GENERAL NOTES

1. ALL DIMENSIONS ARE TAKEN FROM THE FACE OF STUDS, FACE OF BLOCK, U.O.N.
2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE BEGINNING OF CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT.
3. DO NOT SCALE THE DRAWINGS.

LIST OF DRAWINGS

GENERAL	
CS0.1	COVER SHEET
CS0.2	TYPICAL MOUNTING HEIGHTS, ABBREVIATIONS, AND MATERIALS KEY
CODE	
CA0.1	CODE ANALYSIS/ LIFE SAFETY PLAN
CA0.2	SPECIFICATIONS
ARCHITECTURAL	
A1.1	FLOOR AND CEILING PLANS
A1.2	MECHANICAL LOFT AND ROOF PLANS
A3.1	DOOR AND WINDOW SCHEDULES, ELEVATIONS, AND DETAILS
AA.1	EXTERIOR ELEVATIONS, BUILDING AND WALL SECTIONS
A7.1	ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
I1.1	INTERIOR FINISHES AND FLOOR PATTERN PLANS
STRUCTURAL	
S0.01	GENERAL NOTES AND DETAILS
S1.01	FOUNDATION PLAN AND ROOF PLAN
S2.01	SECTIONS AND DETAILS
S2.02	SECTIONS AND DETAILS
MECHANICAL	
H0.1	HVAC COVER SHEET
H2.0	FIRST FLOOR PLAN - HVAC
H2.1	MECHANICAL LOFT PLAN - HVAC
H2.2	RADIANT FLOOR PLAN
H3.0	SCHEDULES
PLUMBING	
P0.1	PLUMBING COVER SHEET
P2.1	FLOOR PLANS - PLUMBING
ELECTRICAL	
E0.1	ELECTRICAL COVER SHEET
E2.0	FIRST FLOOR PLAN - LIGHTING
E2.1	MECH LOFT PLAN - LIGHTING
E3.0	FIRST FLOOR PLAN - POWER & SYSTEMS
E3.1	MECH LOFT PLAN - POWER & SYSTEMS

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER AND HULL ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
WWW.NHASSOCIATES.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN

REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

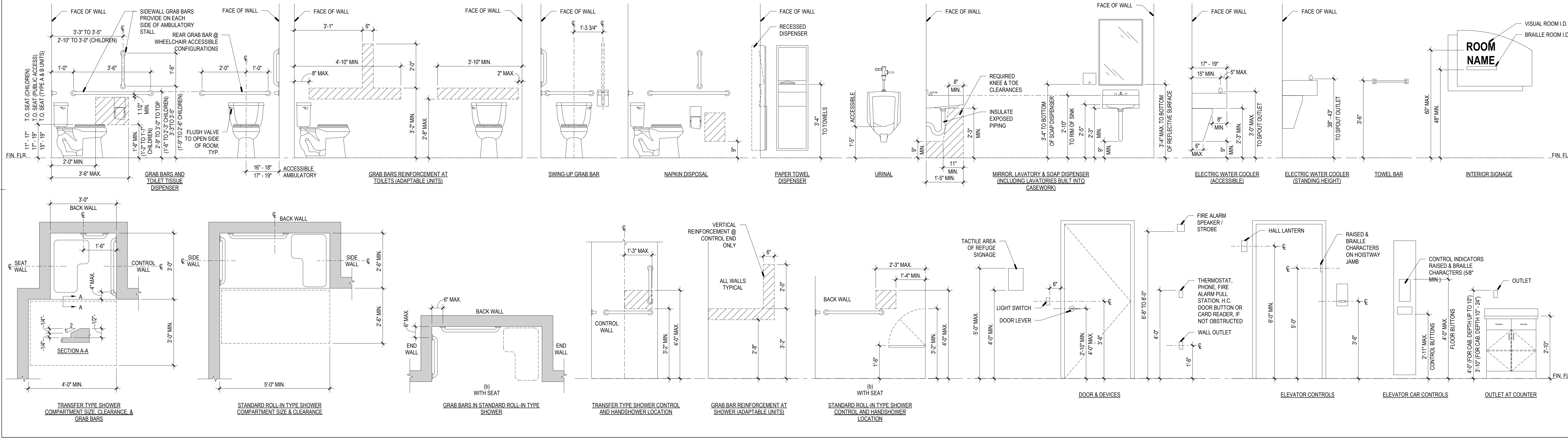
JOB NUMBER:	17044.01
ISSUE DATE:	26 MAY, 2017
SCALE:	1 : 1
SHEET TITLE:	COVER SHEET

SHEET NUMBER:

CS0.1

TYPICAL MOUNTING HEIGHT KEY (N.T.S.)

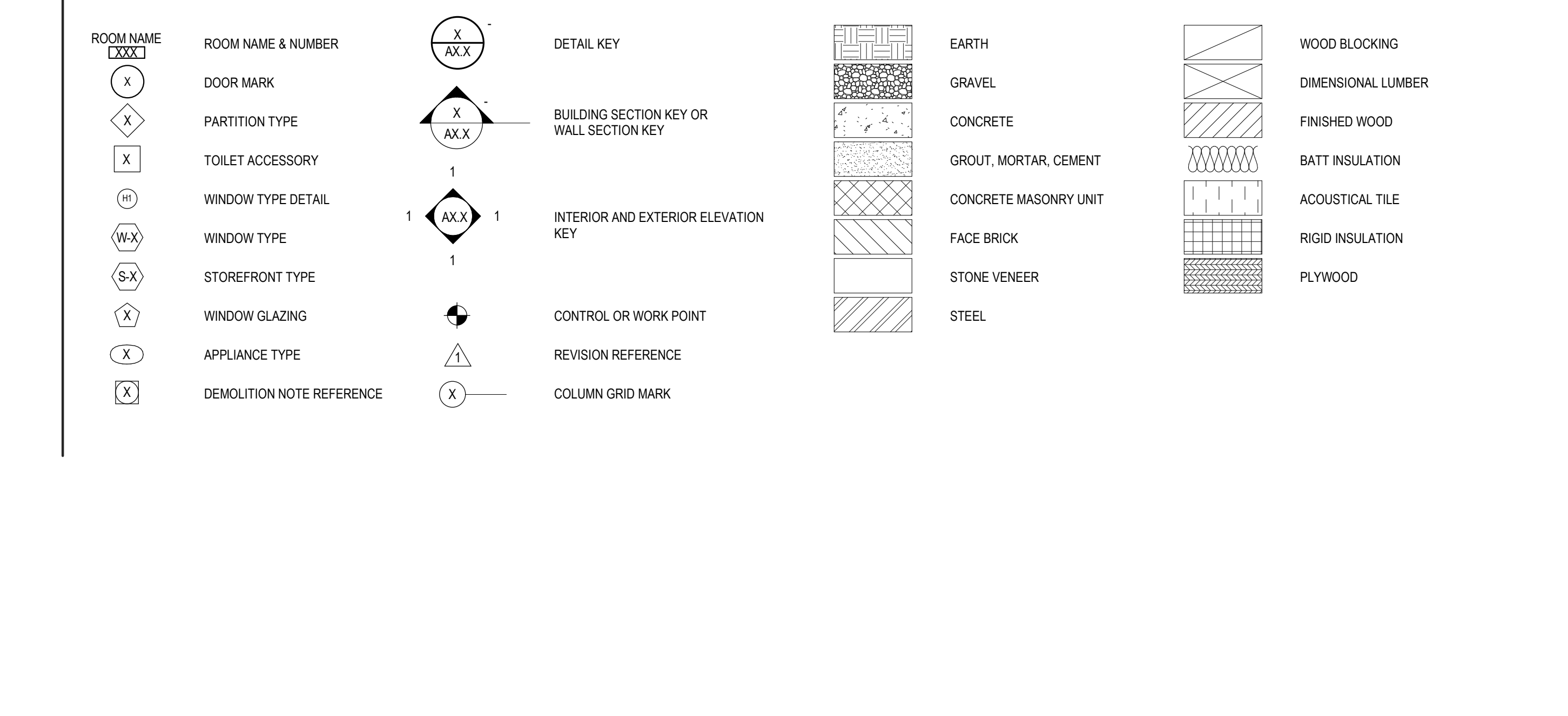
NOTE: ALL DIMS TO WALL OR FLOOR SURFACES ARE TO FACE OF FINISH



LIST OF ABBREVIATIONS

&	AND	CMU	CONCRETE MASONRY UNIT	F.D.	FLOOR DRAIN	MAX.	MAXIMUM	R	RISER	T.	TREAD
<	ANGLE	CMR	COUNTER	FIN.	FOUNDATION	M.C.	MECHANICAL CONTRACTOR	R & S	ROD AND SHELF	T.B.	TOWEL BAR
@	CENTERLINE	COL.	COLUMN	FIN.	FIRE EXTINGUISHER	M.C.	MED. CAB.	RAO.	RADIUS	T.C.	TOP OF CURB
Ø	DIAMETER	CONC.	CONCRETE	F.E.C.	FIRE EXTINGUISHER CABINET	MECH.	MECHANICAL	R.B.	RUBBER BASE (STRAIGHT)	TEL.	TELEPHONE
#	POUND OR NUMBER	CONN.	CONNECTION	FG	FIRE GLASS	MEMB.	MEMBRANE	R.C.B.	RUBBER COVE BASE	TER.	TERRAZZO
A	ANNEALED	CONSTR.	CONSTRUCTION	F.H.C.	FIRE HOSE CABINET	MET.	METAL	R.D.	ROOF DRAIN	T.F.	TOP OF FOOTING
ACOUS	ACOUSTICAL	CORR.	CORRIDOR	FL	FLOOR	MFR.	MANUFACTURE	R.O.	RECEPTACLE	T.G.	TEMPERED INSULATED GLASS
AD	AREA DRAIN	CORR.	CORRIDOR	FL.	FLASHING	M.H.	MANHOLE	R.O.	ROUGH OPENING	T.G.	TEMPERED GLASS
ADJ	ADJUSTABLE	CPT.	CARPET	FL.	FLOOR	M.N.	MINIMUM	R.O.	ROUGH OPENING	T & G	TONGUE AND GROOVE
AFF	ABOVE FINISH FLOOR	C.T.	CERAMIC TILE	F.O.	FACE OF	MIR.	MIRROR	R.O.	ROUGH OPENING	THK	THICK
AG	ANNEALED GLASS	C.Y.	CUBIC YARD	FR	FIRE RATING	MISC.	MISCELLANEOUS	REIN.	REINFORCED OR REINFORCEMENT	T.P.	TOP OF PAVEMENT
AIG	ANNEALED INSULATING GLASS	DET.	DETAIL	FRG.S.	FIRE RATING GLAZING SYSTEM	M.O.	MASONRY OPENING	REQ.	REQUIRED	T.P.D.	TOILET PAPER DISPENSER
ALUM	ALUMINUM	D.B.L.	DOUBLE	FRT.	FIRE RETARDANT TREATED	M.R.	MOISTURE RESISTANT	RESIL.	RESILIENT	TV	TELEVISION
APPROX	APPROXIMATE	D.F.	DRINKING FOUNTAIN	FUT.	FUTURE	MTD.	MOUNTED	R.O.	ROUGH OPENING	T.W.F.	TYPICAL WALL FLASHING TYPICAL
ARCH.	ARCHITECTURAL	DIA	DIAMETER	GA.	GAUSE	MIL	MILLION	S.	SOUTH	T.W.F.	TYPICAL WALL FLASHING TYPICAL
ASB	ASBESTOS	DISP.	DISPENSER	GALV.	GALVANIZED	MWF	MOLDED WOOD FIBER	S.C.	SOLID CORE	UC.	UNDERCUT
ASP	ASPHALT	D.N.	DOWN	G.B.	GENERAL CONTRACTOR	N.	NORTH	SCHED.	SCHEDULE	U.D.	UNIT DIMENSION
BOC	BOTTOM OF CURB	DR	DOOR	G.C.	GENERAL CONTRACTOR	N.I.C.	NOT IN CONTRACT	S.D.	SOAP DISPENSER	UNF.	UNFINISHED
BOARD	BOARD	D.S.	DOWNSPOUT	G.L.	GLASS	NO.	NUMBER	SECT.	SECTION	U.O.N.	UNLESS OTHERWISE NOTED
BD	BOTTOM OF FOOTING	DWG.	DRAWING	GND.	GROUND	NOM.	NOMINAL	SH	SHOWER	U.O.J.	UNDERSIDE OF JOIST
BF	BOTTOM OF FOOTING	EA	EAST	GR.	GRADE	N.T.S.	NOT TO SCALE	SHT.	SHEET	UR.	URINAL
BITUMINOUS	BITUMINOUS	E.A.	EACH	GR. BD.	GYP. BD.	O.C.	ON CENTER	SIM.	SIMILAR	VB.	VINYL BASE (STRAIGHT)
BLDG	BUILDING	E.E.	ELECTRICAL CONTRACTOR	I.D.	INSIDE DIAMETER	O.D.	OUTSIDE DIAMETER	S.N.R.	SANITARY NAPKIN DISPENSER	VCB.	VINYL COVE BASE
BLK	BLOCK	E.C.	ELECTRICAL CONTRACTOR	IHM.	INSULATED HOLLOW METAL	O.P.	OPPOSITE	SQ.	SQUARE	VCT.	VINYL COPOSITION TILE
BM	BENCH MARK	EL.	ELEVATION	INSUL.	INSULATION	OPG.	OPPOSITE	SR.	SHEET RUBBER	VENT.	VENTILATED
BOT	BOTTOM	ELEC.	ELECTRICAL	INT.	INTERIOR	OPP.	OPPOSITE	S.S.	STAINLESS STEEL	VERT.	VERTICAL
BRG	BEARING	EMER.	EMERGENCY	INV.	INVERT	P.C.	PRE-CAST	ST.	STAINED	W.	WEST
BRK	BRICK	ENCL.	ENCLOSURE	JAN.	JANITOR	PL.	PLATE	STA.	STATION	WI	WITH
CAB.	CABINET	EQ.	EQUAL	JT.	JOINT	P.LAM.	PLASTIC LAMINATE	STD.	STANDARD	W.C.	WATER CLOSET
C.B.	CATCH BASIN	EQUIP.	EQUIPMENT	KIT.	KITCHEN	PLAST.	PLASTER	STR.	STRUCTURAL	WD.	WOOD
C.C.T.	CUBICAL CURTAIN & TRACK	ETR.	EXISTING TO REMAIN	LAM.	LAMINATE	PLYWD.	PLYWOOD	SUSP.	SUSPENDED	WG.	WIRED GLASS
CEM.	CEMENT	EX.	EXISTING	LAV.	LAVATORY	PMF.	PRE-MOLDED FILLER	SYM.	SYMMETRICAL	WO	WITH OUT
C.I.	CAST IRON	EXP.	EXPANSION	LCKR.	LOCKER	PR.	PAIR	SY.	SYSTEM	WP	WATERPROOF
C.J.	CONTROL JOINT	EXT.	EXTERIOR	L.T.	LIGHT	PT.	POINT	WT.	WEIGHT	WSC.	WARRANT
CLG.	CEILING	EWC.	ELECTRIC WATER COOLER			P.T.D.R.	PAPER TOWEL DISPENSER			WT.	WEIGHT
CLGK.	CAULKING					P.T.D.	PAPER TOWEL DISPENSER			WWF.	WELDED WIRE FABRIC
CLO	CLOSET					P.T.R.	PAPER TOWEL RECEPTACLE				
CLR.	CLEAR					Q.T.	QUARY TILE				

SYMBOLS AND MATERIALS LEGEND



PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS
BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT
NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS
30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
WWW.NOELKERANDHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER
KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER
CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

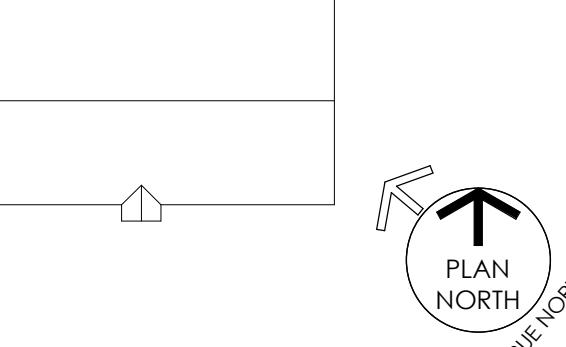
FOOD SERVICE CONSULTANT

CIVIL ENGINEER
KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER: 17044.01
ISSUE DATE: 26 MAY, 2017
SCALE: As Indicated

SHEET TITLE:
TYPICAL MOUNTING HEIGHTS, ABBREVIATIONS, AND MATERIALS KEY

SHEET NUMBER:
CS0.2

ADULT DAYCARE FACILITY

PROJECT ADDRESS
BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
WWW.NHARCH.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

CODE ANALYSIS SUMMARY

PROJECT:
ALSM - ADULT DAYCARE FACILITY
ALLEGHENY LUTHERAN SOCIAL MINISTRIES
SOMERSET TOWNSHIP, SOMERSET COUNTY
SOMERSET, PENNSYLVANIA

APPLICABLE CODES:
2009 INTERNATIONAL BUILDING CODE (2012 IBC CHAPTER 11 AND APPENDIX E)
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2009 INTERNATIONAL FIRE CODE
2009 INTERNATIONAL FUEL GAS CODE
2009 INTERNATIONAL MECHANICAL CODE
2009 INTERNATIONAL PLUMBING CODE
2008 NATIONAL ELECTRIC CODE
PA ADULT DAYCARE REGULATIONS

USE GROUP MATRIX:

	2009 IBC
ADULT CARE FACILITY	INSTITUTIONAL I-4

CONSTRUCTION TYPE MATRIX:

	2009 IBC
ADULT CARE FACILITY	TYPE V-B FULLY SPRINKLERED (NFPA 13)

GROSS AREA:

FIRST FLOOR	AREA (GROSS SQ. FT.)
	7,152 SQ. FT.

HEIGHT ANALYSIS:

	2009 IBC	
	ALLOWABLE # STORIES / ALLOWABLE HEIGHT	ACTUAL # OF STORIES / ACTUAL HEIGHT
ADULT CARE FACILITY	1 STORY / 40 FEET	1 STORY / 26 FEET

MAXIMUM BUILDING AREA DETERMINATION:

	TABULAR ALLOWANCE	FRONTAGE ALLOWANCE	SPRINKLER ALLOWANCE	ADJUSTED ALLOW.	ACTUAL BLDG. AREA
ADULT CARE FACILITY	9,000 SQ. FT.	NOT USED	36,000 SQ. FT.	45,000 SQ. FT.	7,202 GSF

FIRE RESISTANCE SCHEDULE:

	2009 IBC	PROVIDED	REMARKS
STRUCTURAL FRAME (COLUMNS, GIRDERS, TRUSSES)	0 HOUR	0 HOUR	
EXTERIOR BEARING WALLS	0 HOUR	0 HOUR	
INTERIOR BEARING WALLS	0 HOUR	0 HOUR	
FLOOR CONSTRUCTION	0 HOUR	0 HOUR	
ROOF CONSTRUCTION	0 HOUR	0 HOUR	
FIRE WALLS	2 HOUR w/ 1 1/2 HOUR OPENINGS	N/A	
FIRE BARRIER	1 HOUR w/ 1 HOUR OPENINGS	N/A	
FIRE PARTITION	1 HOUR w/ 3/4 HOUR OPENINGS	N/A	
SMOKE BARRIER	1 HOUR w/ 1/3 HOUR OPENINGS	N/A	
SMOKE PARTITION (CORRIDORS)	0 HOUR	N/A	

TOTAL OCCUPANT LOAD = 156

LIFE SAFETY LEGEND

WALL & CEILING BARRIERS AND PARTITIONS

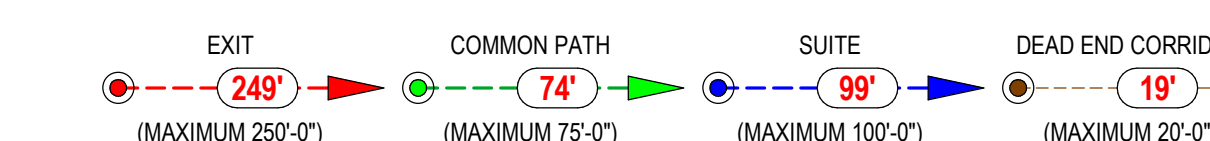
- 2S - 2 HR SMOKE BARRIER
- 2F - 2 HR FIRE BARRIER
- 1S - 1 HR SMOKE BARRIER
- 1F - 1 HR FIRE BARRIER
- 1F - 1 HR BEARING WALL
- 1/2F - 1/2 HR FIRE PARTITION
- 0S - NON-RATED SMOKE RESISTIVE PARTITION
- NON-RATED PARTITION

NOTE: ALL RATED CONSTRUCTION IS ALSO SMOKE RESISTIVE CONSTRUCTION

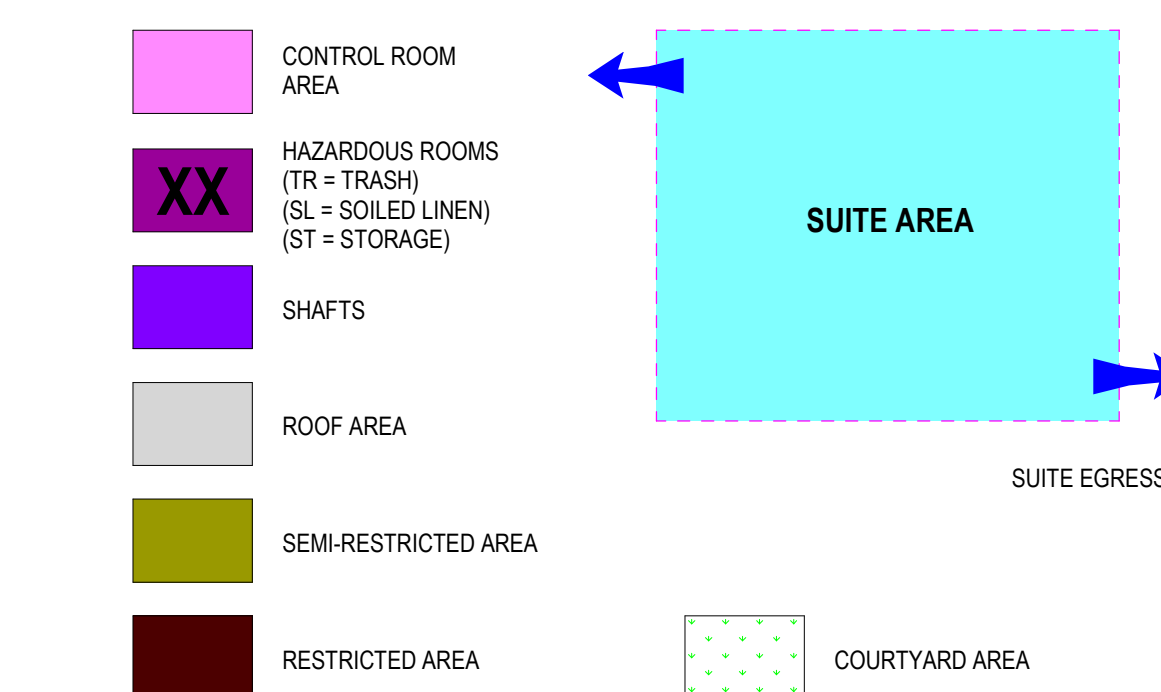
EXIT / EGRESS SYMBOLS

- EXIT DISCHARGE
- EXIT PASSAGEWAY
- EXIT STAIR (VERTICAL EXIT ENCLOSURE)
- ELEVATOR
- CALCULATED OCCUPANTS TO EXIT (IF APPLICABLE)
- EXIT ACCESS CORRIDOR
- HORIZONTAL EXIT
- COMMUNICATING STAIR
- DIRECTIONAL ILLUMINATED EXIT SIGN

TRAVEL DISTANCE LIMITATIONS



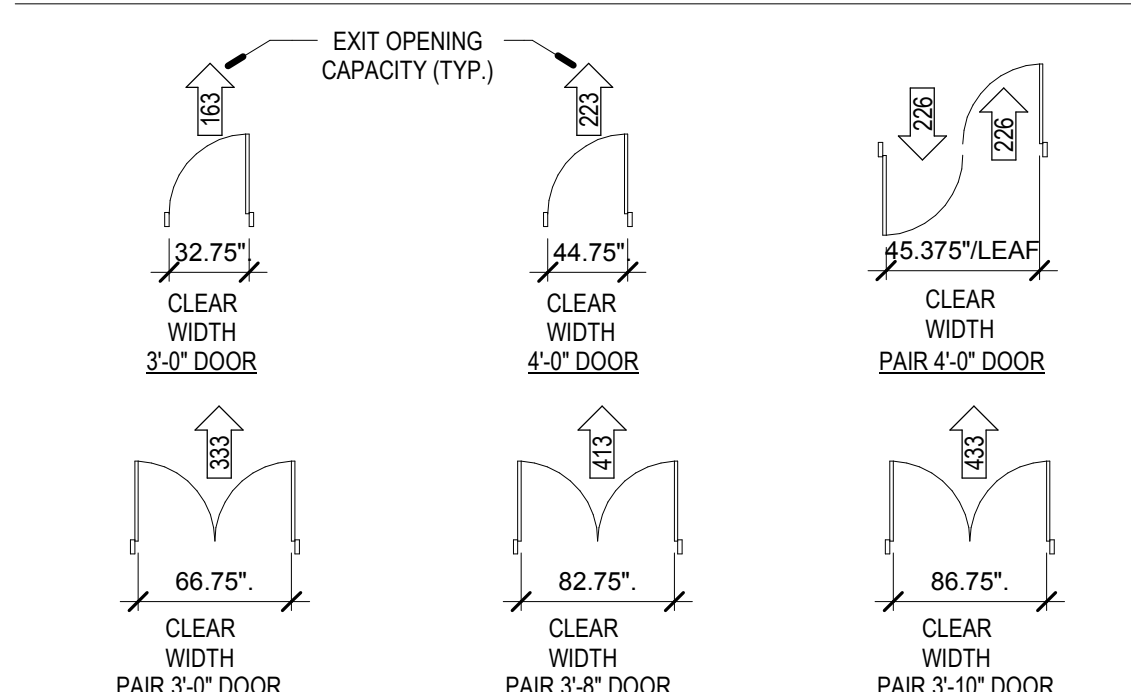
BUILDING AREA DESIGNATIONS



FIRE PROTECTION & ALARM DEVICES

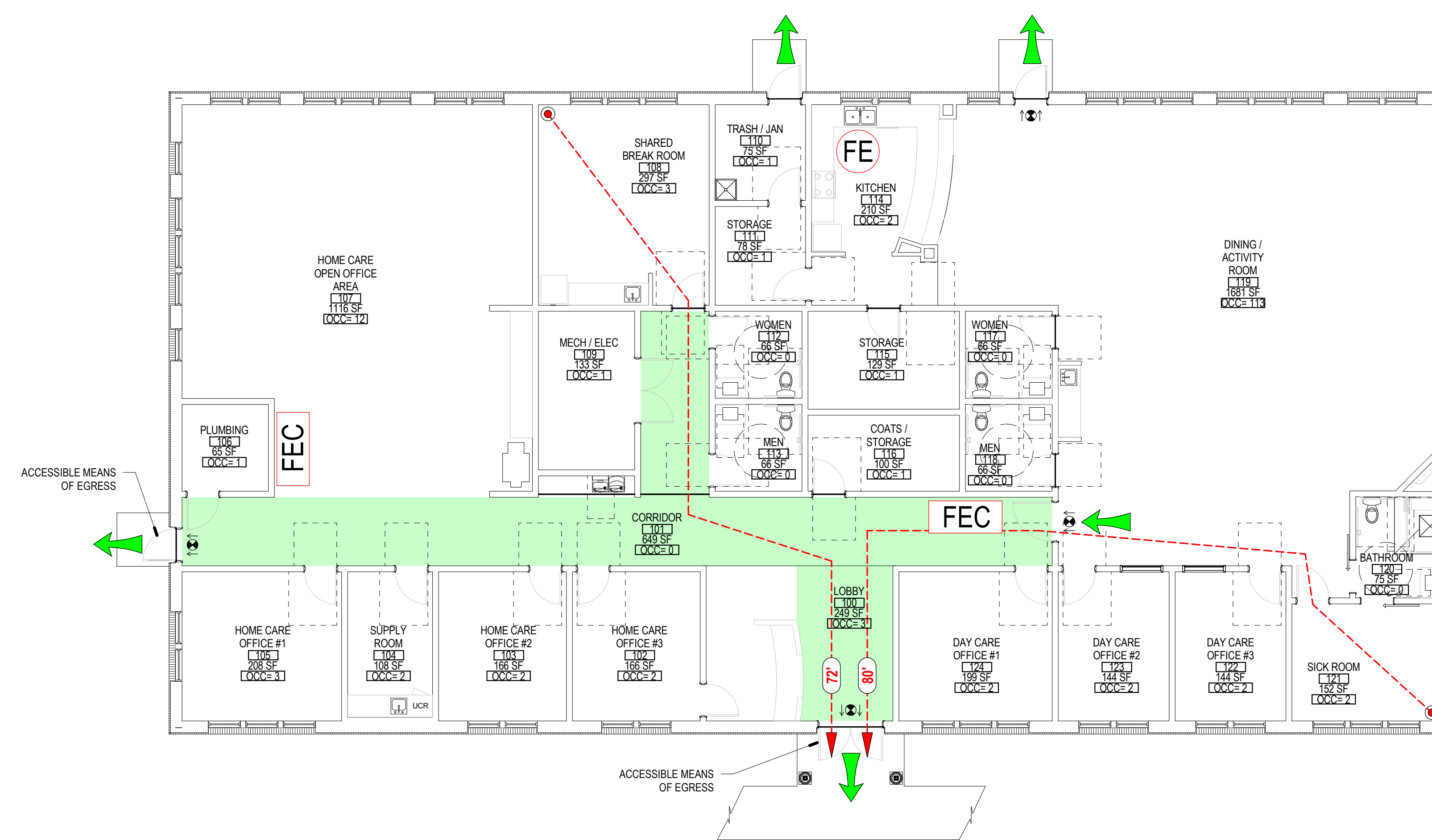
- FIRE EXTINGUISHER - BRACKET MOUNTED
- FIRE EXTINGUISHER CABINET

EXIT DISCHARGE CAPACITY BY DOOR



GENERAL NOTES

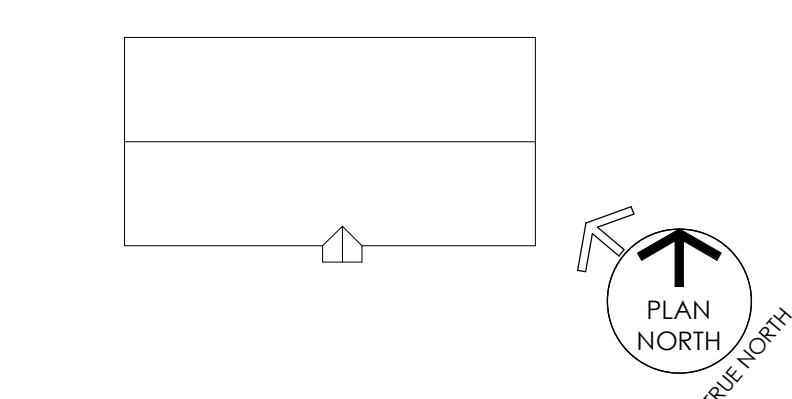
- FIRE EXTINGUISHER CABINETS SHALL BE LOCATED SO THAT THE MAXIMUM TRAVEL DISTANCE SHALL NOT EXCEED 75'-0".
- MINIMUM EGRESS WIDTH PER OCCUPANT AT STAIRS = 0.3' PER OCCUPANT. MINIMUM EGRESS WIDTH PER OCCUPANT AT OTHER EGRESS COMPONENTS = 0.2' PER OCCUPANT. (TABLE 1005.1)



1 FIRST FLOOR LIFE SAFETY PLAN
CA0.1 1/8" = 1'-0"

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER:	17044.01
ISSUE DATE:	26 MAY, 2017
SCALE:	As Indicated
SHEET TITLE:	CODE ANALYSIS/ LIFE SAFETY PLAN

SHEET NUMBER:

CA0.1

RCP GENERAL NOTES

- 1 CEILINGS AND FURRING TRACK SHALL BE ATTACHED TO UNDERSIDE OF ROOF TRUSS U.O.M.
- 2 ADJUST LOCATION OF ATTIC ACCESS TO FIT BETWEEN ROOF TRUSSES

RCP LEGEND

LIGHTING LEGEND

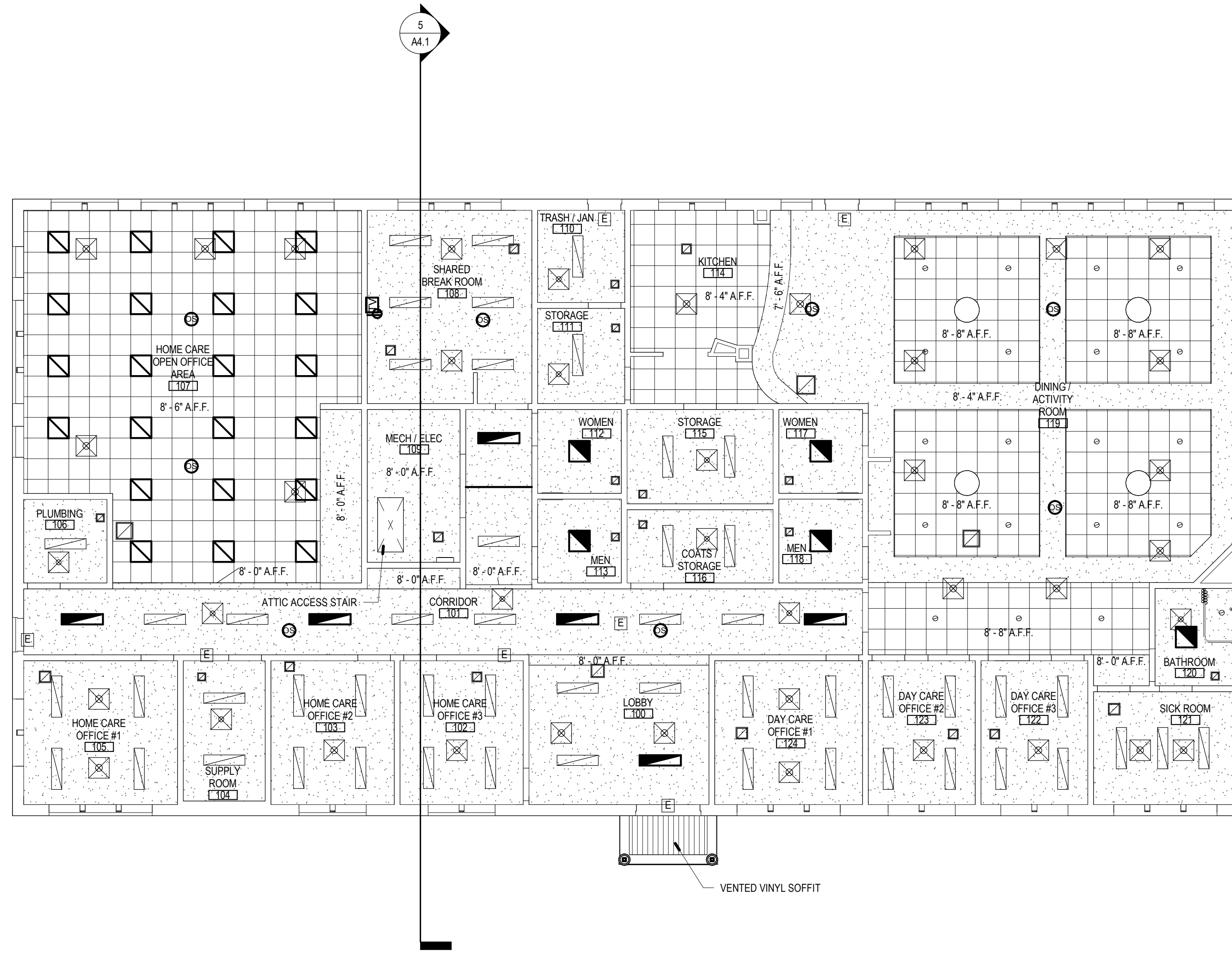
- RECESSED INCANDESCENT LIGHTING
- 1 x 4 FLUORESCENT FIXTURE
- 2 x 2 FLUORESCENT FIXTURE
- ROUND SEMI-FLUSH FIXTURE
- LARGE ROUND SEMI-FLUSH PENDANT
- WALL LIGHT
- CEILING FAN
- UNDER CABINET MOUNTED FLUORESCENT
- MINI PENDANT
- SURFACE MOUNTED FIXTURE
- WALL SCONCE

CEILING MATERIAL LEGEND

- GYPSUM BOARD CEILING
- 24x48 ACOUSTICAL CEILING TILE
- 24x24 ACOUSTICAL CEILING TILE
- VINYL SOFFIT

MECHANICAL LEGEND

- SUPPLY
- RETURN
- EXHAUST
- RADIANT CEILING PANEL



2 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

PARTITION TAG LEGEND

TAG GRAPHICS

- 1546mm
- IS A & M z
- PARTITION RATING (NO LISTING IF UNRATED)**
- PARTITION TYPE**
- NOMINAL WIDTH**
- MODIFIER**
- NO SOUND BATTS**

PARTITION TYPE

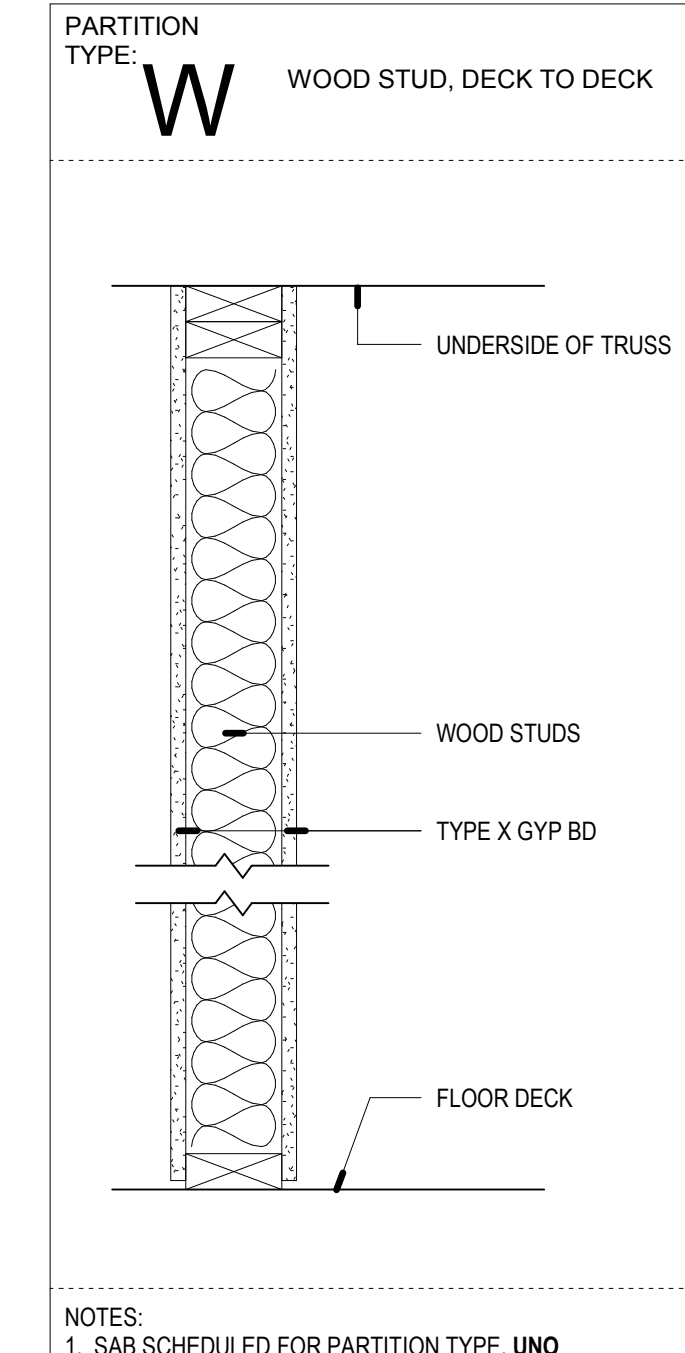
- A** METAL STUD, DECK TO DECK, 1-LAYER OF GYPSUM BOARD EACH SIDE
- B** METAL STUD, DECK TO DECK, 2-LAYERS GYPSUM BOARD EACH SIDE
- C** CHASE WALL, DECK TO DECK
- D** METAL STUD, PARTIAL HEIGHT - ABOVE CEILING
- E** METAL STUD, PARTIAL HEIGHT - TO CEILING
- F** METAL STUD, FURRING
- G** METAL STUD, DECK TO DECK, 1-LAYER OF GYPSUM BOARD ONE SIDE
- M** MASONRY WALL
- P** METAL STUD, PARTIAL HEIGHT - BELOW CEILING
- T** TEMPORARY PARTITION
- U** EXISTING PARTITION, CONSTRUCTION UNKNOWN
- W** WOOD STUD, DECK TO DECK
- X** SHAFT WALL
- Z** SPECIALTY / CUSTOM

NOMINAL WIDTH SCHEDULE - CORE SIZE

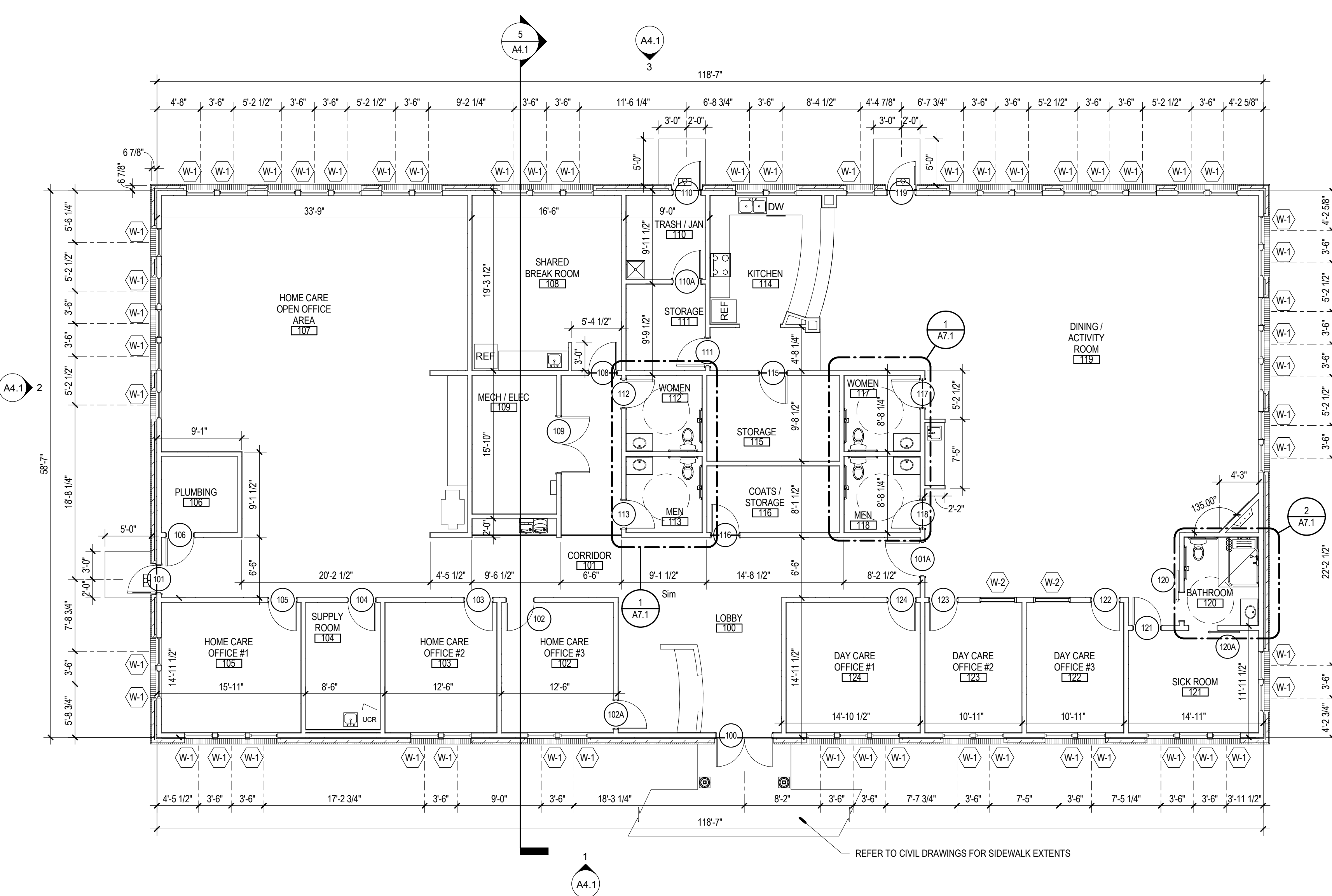
TYPE 'U'	METAL STUD	WOOD STUD	CMU
0.0" - 0.99"	0	n/a	n/a
0.5" - 1.49"	1	7/8"	n/a
1.0" - 2.00"	2	1-1/2"	n/a
2.0" - 3.00"	3	2-1/2"	n/a
3.0" - 4.00"	4	3-5/8"	3-5/8"
4.0" - 5.00"	5	4"	n/a
5.0" - 6.00"	6	6"	5-5/8"
6.0" - 7.00"	7	n/a	n/a
7.0" - 8.00"	8	n/a	7-5/8"
8.0" - 9.00"	9	n/a	n/a
9.0" - 10.00"	10	n/a	9-1/4"
10.0" - 11.00"	11	n/a	n/a
11.0" - 12.00"	12	n/a	11-5/8"

MODIFIERS

- a** GYP BD ON ONE SIDE ONLY
- b** PARTIAL HEIGHT, REFER TO WALL TAG FOR HEIGHT
- c** NOT USED
- d** NOT USED



NOTES:
1. SAB SCHEDULED FOR PARTITION TYPE, UNO



1 FIRST FLOOR PLAN
1/8" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS
**BERLIN PLANK ROAD
SOMERSET, PA 15501**

PROJECT OWNER
**ALLEGHENY LUTHERAN SOCIAL
MINISTRIES**



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
WWW.NOEHLERANDHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

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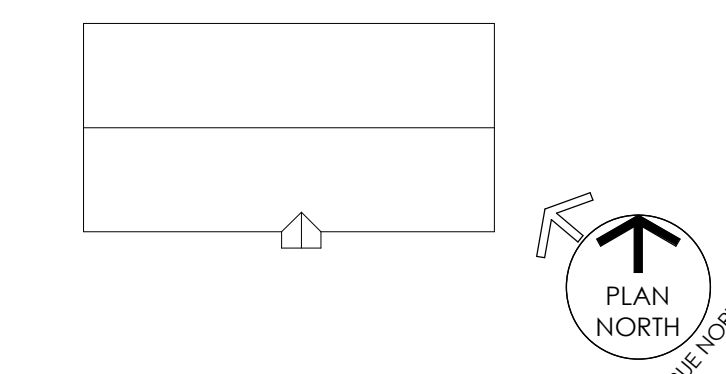
KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER: **17044.01**
ISSUE DATE: **26 MAY, 2017**
SCALE: **As Indicated**

SHEET TITLE: **FLOOR AND CEILING PLANS**

SHEET NUMBER: **A1.1**

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S:\Projects\17044.01 - ALLEGHENY ADULT DAYCARE\17044.01_ALSN_A41.Dwg, 2017, John Noelker@noelkerhull.com

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER

**ALLEGHENY LUTHERAN SOCIAL
MINISTRIES**



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
W: WWW.NH.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

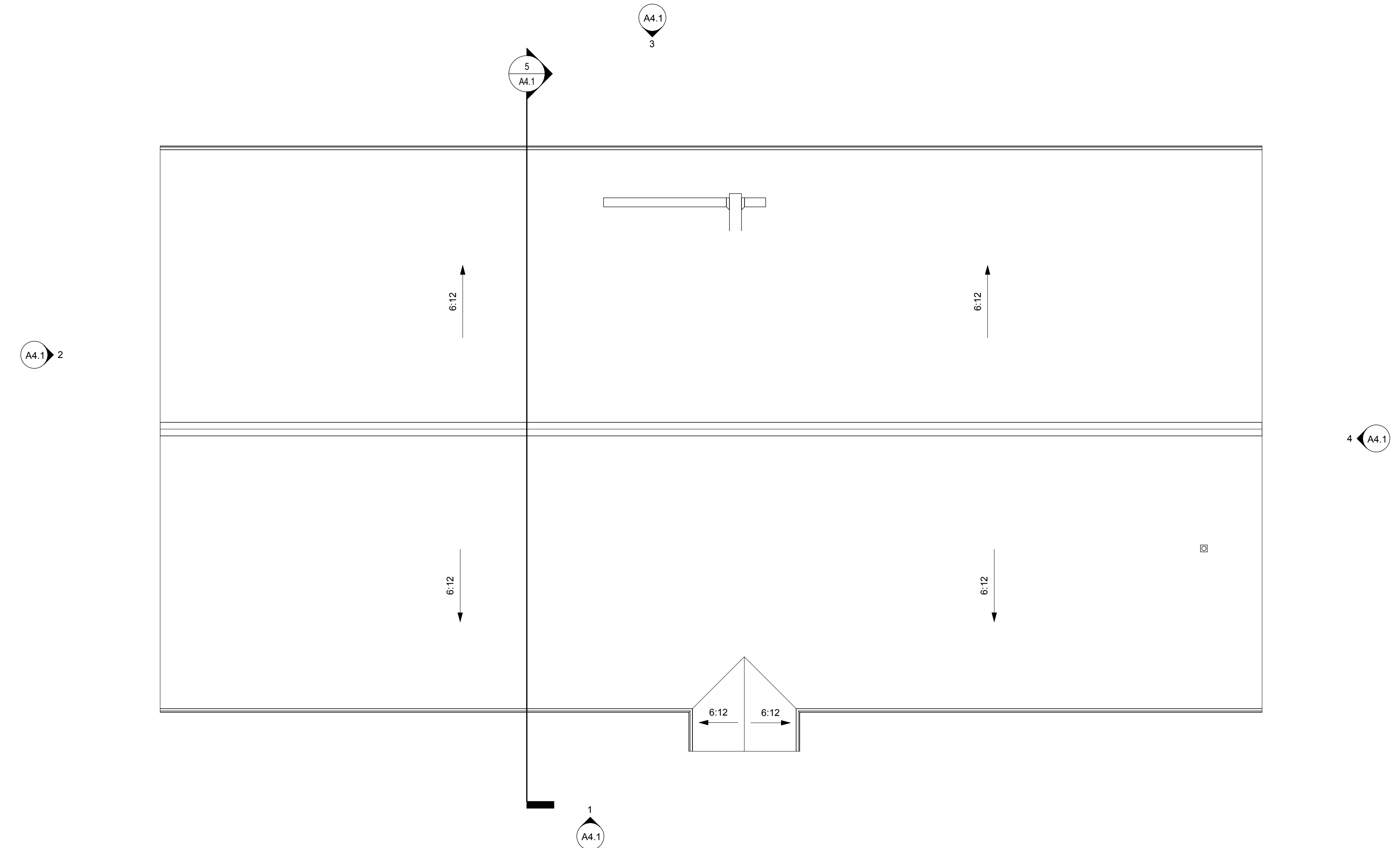
FOOD SERVICE CONSULTANT

CIVIL ENGINEER

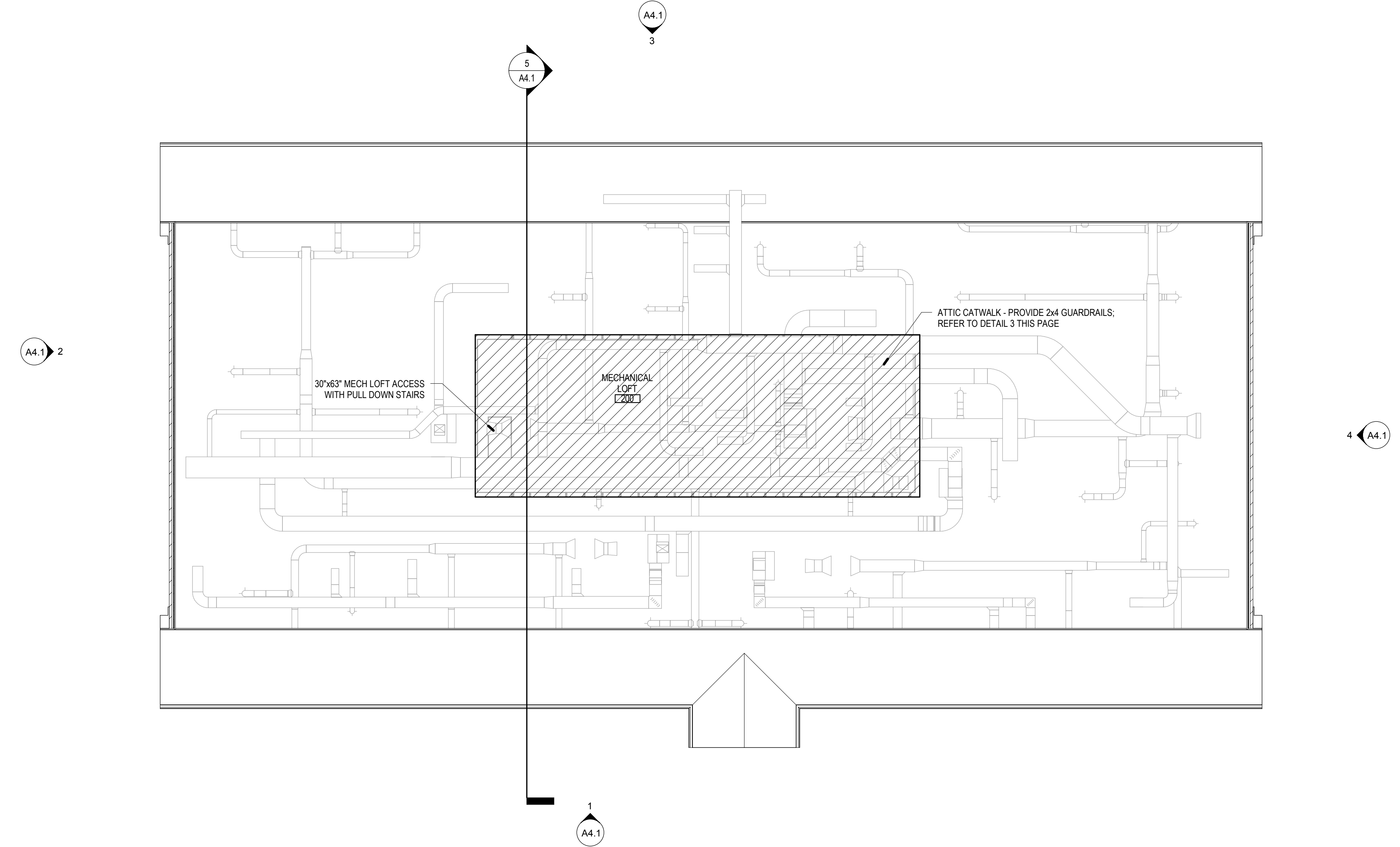
KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT



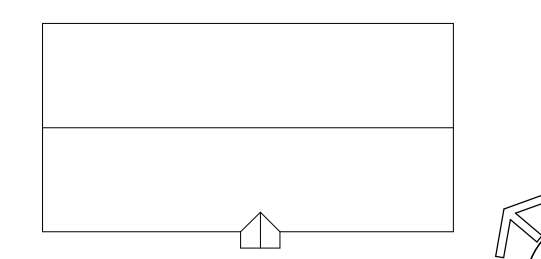
2 ROOF PLAN
1/8" = 1'-0"



1 MECHANICAL LOFT PLAN
1/8" = 1'-0"

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER:	17044.01
ISSUE DATE:	26 MAY, 2017
SCALE:	1/8" = 1'-0"
SHEET TITLE:	MECHANICAL LOFT AND ROOF PLANS

SHEET NUMBER:

A1.2

ADULT DAYCARE FACILITY

PROJECT ADDRESS
BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



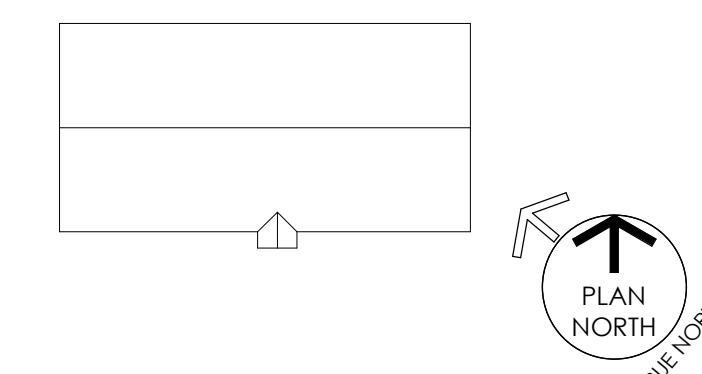
NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
W: WWW.NH.COM
PA | MD | VA

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150



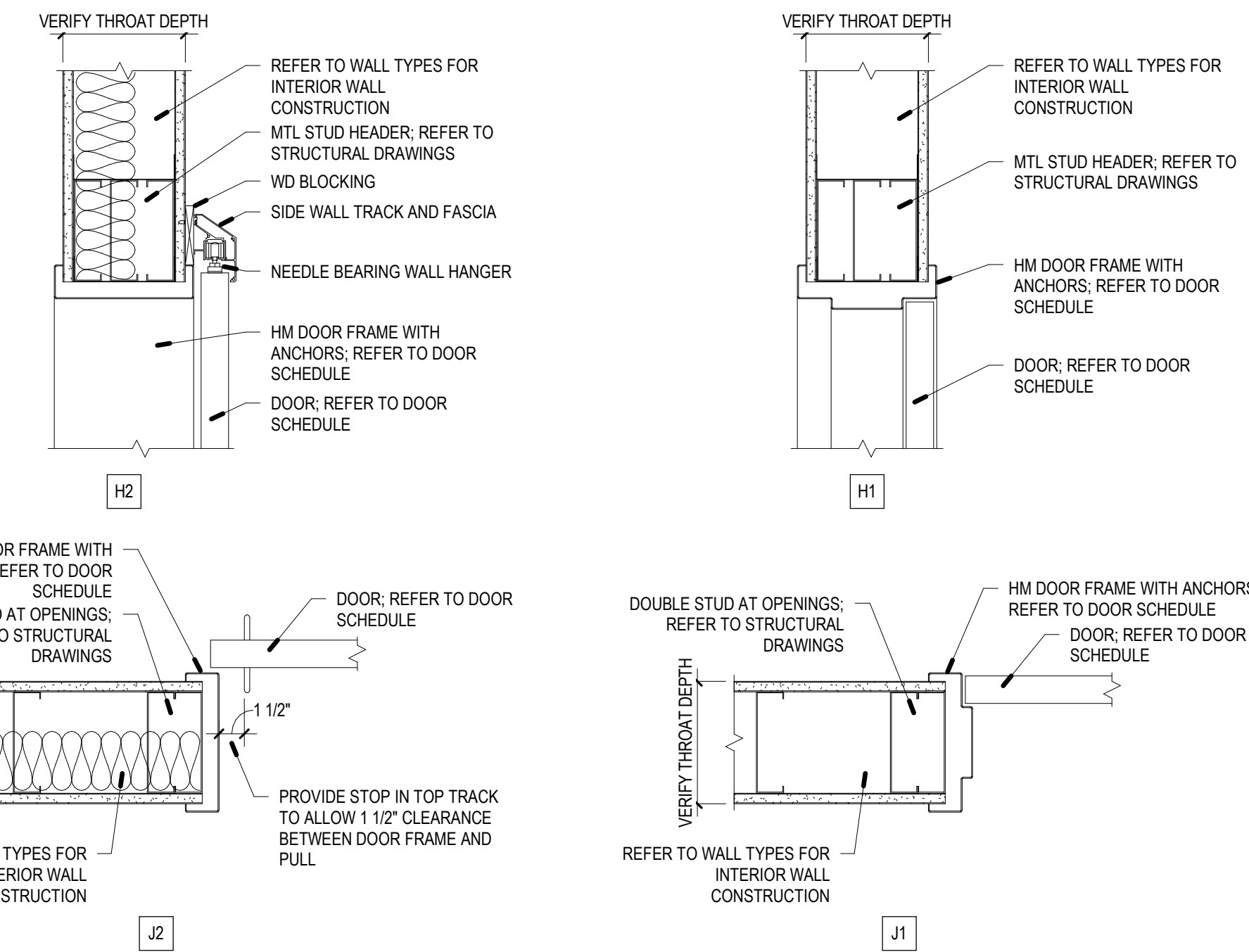
REV. #:	DESCRIPTION:	DATE:

100% DD SUBMISSION

JOB NUMBER: **17044.01**
ISSUE DATE: **26 MAY, 2017**
SCALE: **As Indicated**

DOOR AND WINDOW SCHEDULES, ELEVATIONS, AND DETAILS

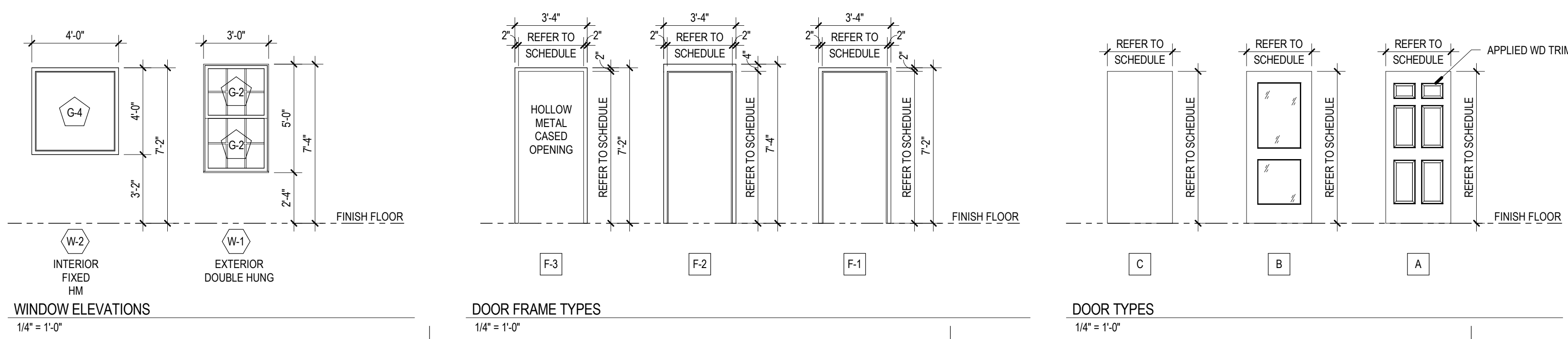
A3.1



DOOR DETAILS
1 1/2" = 1'-0"

MARK	DOOR DATA					HARDWARE SET	FRAME DATA				REMARKS	
	TYPE	SIZE	MATERIAL	GLAZING	RATING		TYPE	MATERIAL	HEAD	JAMB		SILL
100	B	(2) 3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
101	B	3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
101A	A	3'-6" x 7'-0"	WD				F-1	HM	H1	J1		
102	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
102A	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
103	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
104	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
105	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
106	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
108	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
109	A	(2) 3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
110	C	3'-0" x 7'-0"	HM				F-2	HM				
110A	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
111	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
112	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
113	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
115	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
116	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
117	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
118	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
119	B	3'-0" x 7'-0"	ALUM	G-1			F-2	ALUM				
120	A	3'-0" x 7'-0"	WD				F-3	HM	H2	J2		
120A	A	3'-0" x 7'-0"	WD				F-3	HM	H2	J2		
121	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
122	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
123	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		
124	A	3'-0" x 7'-0"	WD				F-1	HM	H1	J1		

TAG NO.	DESCRIPTION
G-1	INSULATED GLASS - TEMPERED
G-2	INSULATED GLASS - ANNEALED
G-3	CLEAR GLASS - TEMPERED
G-4	CLEAR GLASS - ANNEALED
G-5	FIRE GLASS
G-6	DECORATIVE PLASTIC GLAZING



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

DOOR FRAME TYPES
1/4" = 1'-0"

DOOR TYPES
1/4" = 1'-0"

ADULT DAYCARE FACILITY

PROJECT ADDRESS
BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



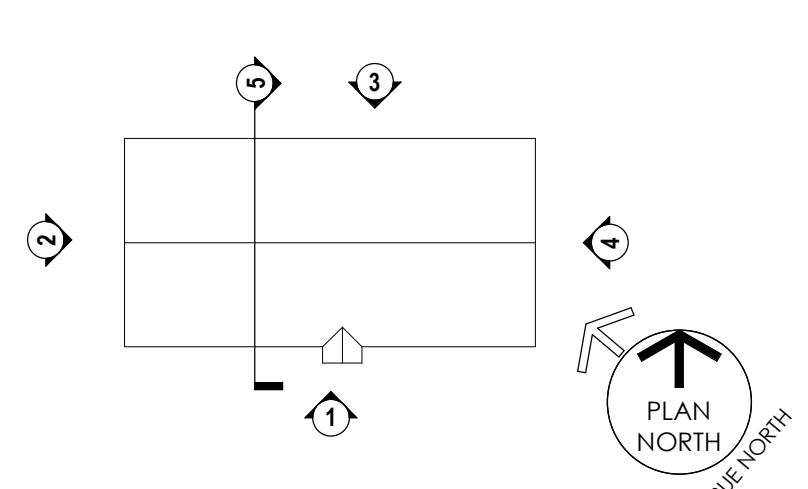
NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
W: WWW.NH.COM
PA | MD | VA

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150



REV. #:	DESCRIPTION:	DATE:

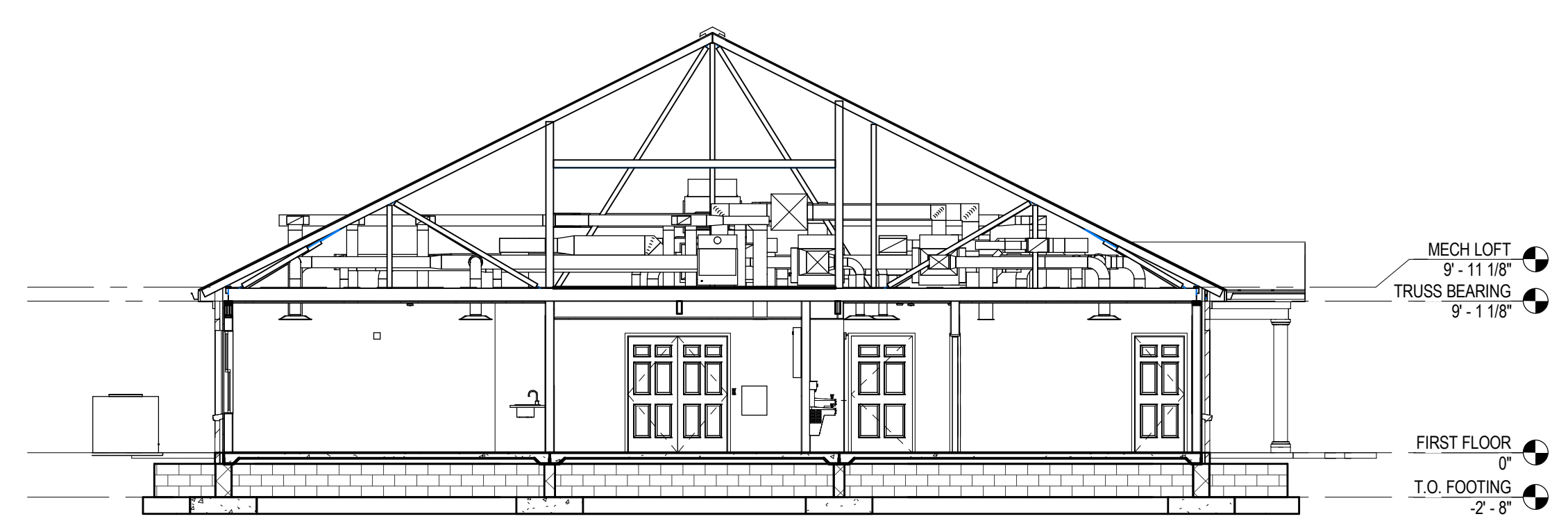
100% DD SUBMISSION

JOB NUMBER: 17044.01
ISSUE DATE: 26 MAY, 2017
SCALE: 1/8" = 1'-0"

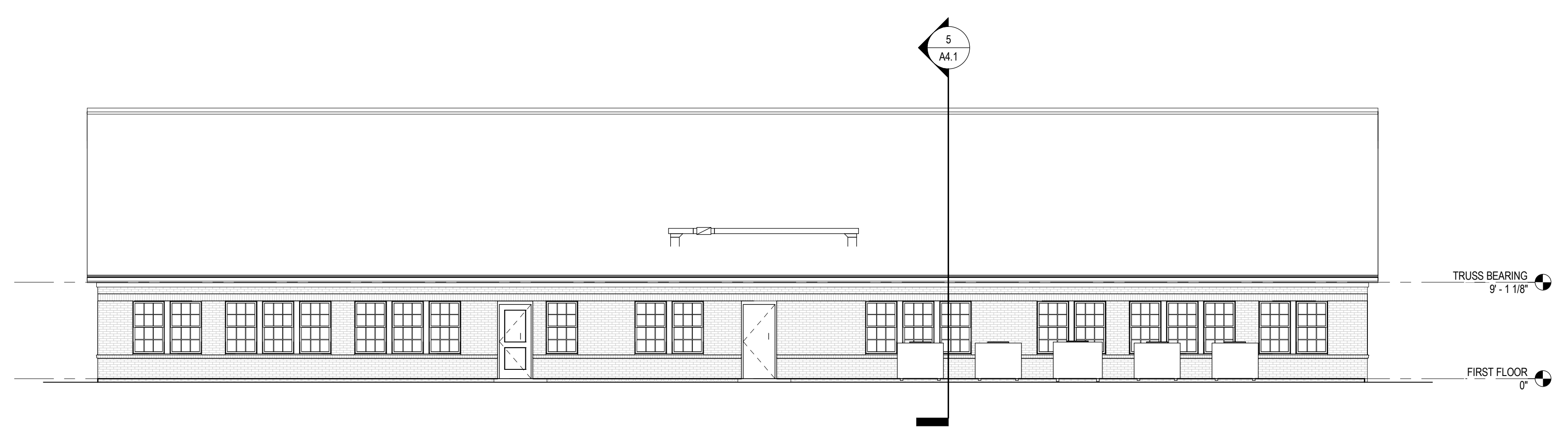
SHEET TITLE:
EXTERIOR ELEVATIONS, BUILDING AND WALL SECTIONS

SHEET NUMBER:

A4.1



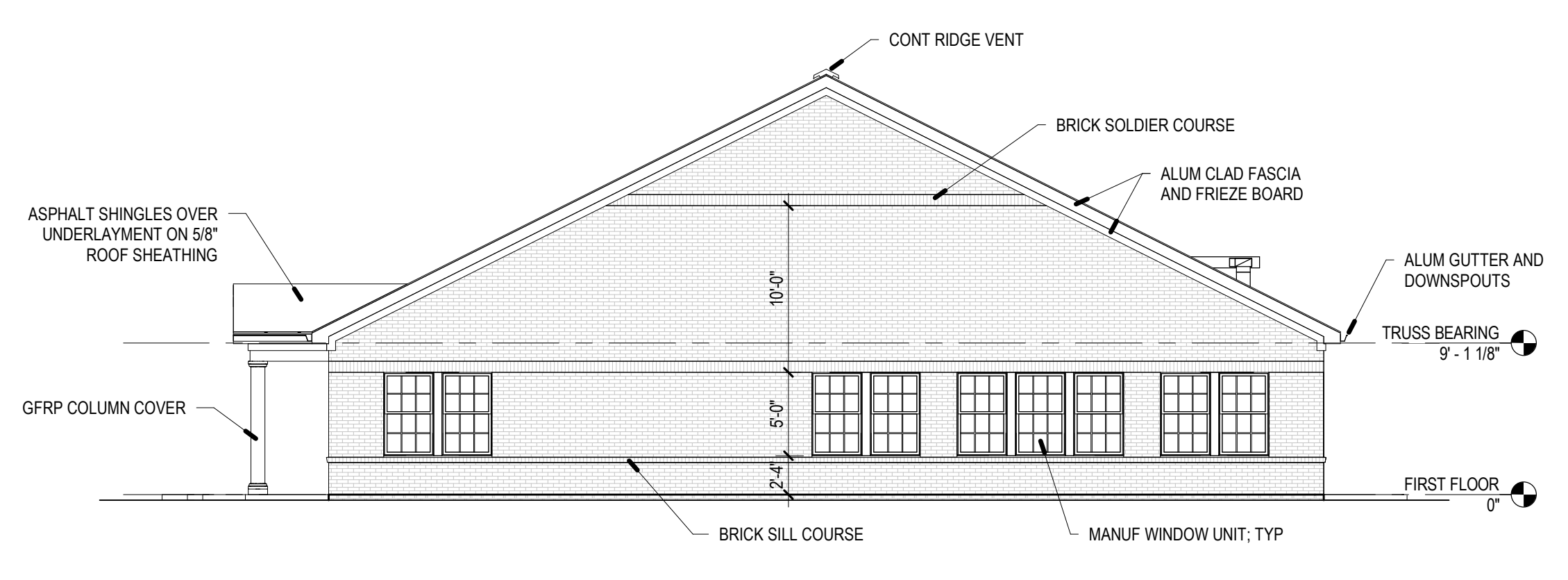
5 BUILDING SECTION
A4.1 1/8" = 1'-0"



3 NORTH ELEVATION
A4.1 1/8" = 1'-0"



1 SOUTH ELEVATION
A4.1 1/8" = 1'-0"



4 EAST ELEVATION
A4.1 1/8" = 1'-0"



2 WEST ELEVATION
A4.1 1/8" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER
AND HULL
ASSOCIATES, INC.

A R C H I T E C T S

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
WWW.NHASSOCIATES.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING

232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

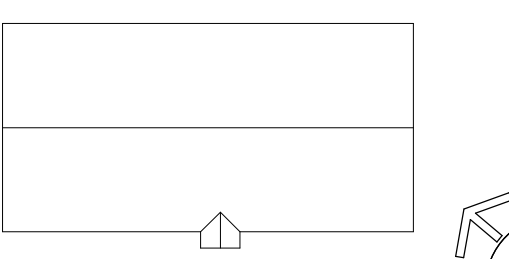
KELLER ENGINEERS, INC.

420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

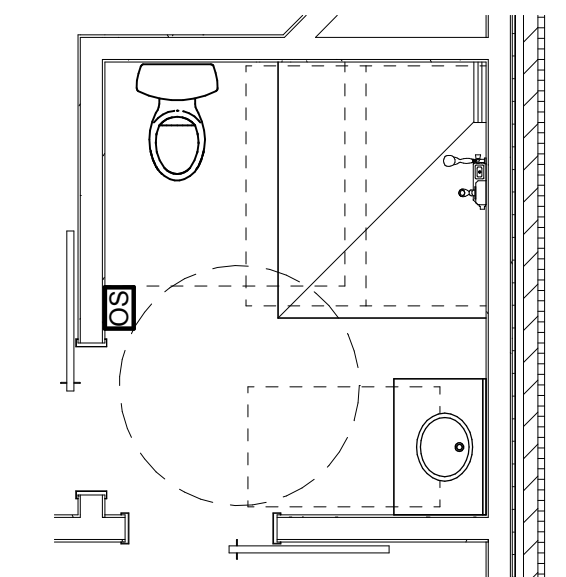
JOB NUMBER:	17044.01
ISSUE DATE:	26 MAY, 2017
SCALE:	1/4" = 1'-0"
SHEET TITLE:	

ENLARGED FLOOR PLANS AND
INTERIOR ELEVATIONS

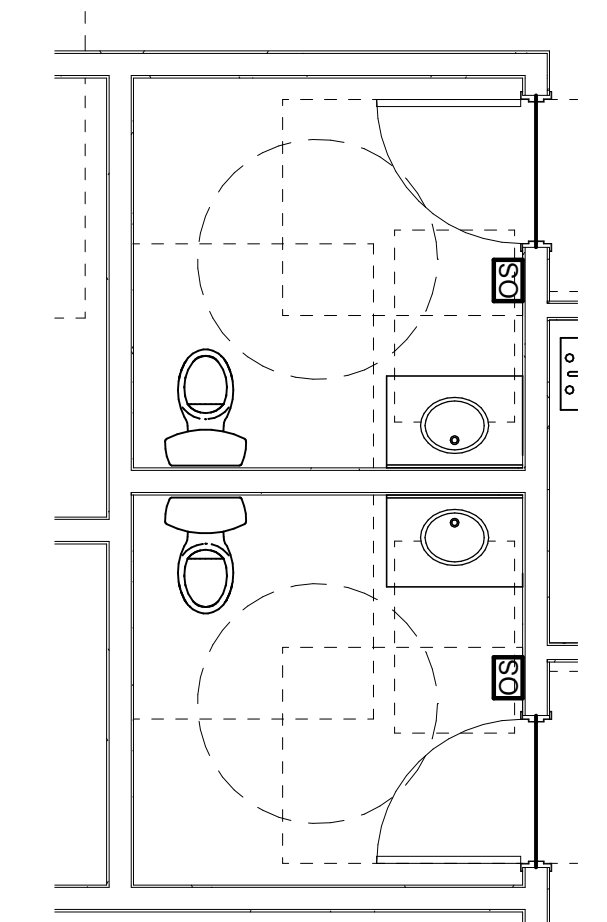
SHEET NUMBER:

A7.1

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2 ENLARGED PLAN - BATHROOM 120
A7.1 1/4" = 1'-0"



1 ENLARGED PLAN - MEN'S 117/WOMEN'S 118
A7.1 1/4" = 1'-0"

INTERIOR FINISH LEGEND			
SYMBOL	MANUFACTURER	PRODUCT NAME, NUMBER & COLOR	PRODUCT DETAILS
062023 - INTERIOR FINISH CARPENTRY			
WD-			
WD-			
064113 - WOOD-VENEER FACED ARCHITECTURAL CABINETS			
WD-			
064116 - PLASTIC-LAMINATE-FACED ARCHITECTURAL CABINETS			
PL-			
093013 - TILE			
CT-1			
CT-2			
GT-1			
NS-1			
PT-1			
095113 - ACOUSTICAL PANEL CEILINGS			
ACT-			
096400 - WOOD FLOORING			
WD-			
096513 - RESILIENT FLOOR, BASE AND ACCESSORIES			
RB-1			
RF-			
ST-1			
VB-1			
096623 - RESINOUS MATRIX TERRAZZO FLOORING			
TZ-			
096723 - RESINOUS FLOORING			
RES-			
096813 - CARPET			
CPT-1			
097200 - WALL COVERINGS			
WC-1			
098433 - SOUND-ABSORBING WALL PANELS			
099000 - PAINT			
P-1			
102123 - CUBICLE CURTAINS AND TRACKS			
CC-1			
SHC-1			
102239 - FOLDING PARTITIONS			
102600 - WALL AND DOOR PROTECTION			
WP-1			
105113 - METAL LOCKERS			
105123 - PLASTIC-LAMINATE-CLAD LOCKERS			
122113 - HORIZONTAL LOUVER BLINDS			
122116 - VERTICAL LOUVER BLINDS			
122413 - ROLLER WINDOW SHADES			
123213 - MANUFACTURED WOOD-VENEER-FACES CASEWORK			
WD-			
123216 - MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK			
PL-			
123661.13 - CULTURED MARBLE COUNTERTOPS			
123661.16 - SOLID SURFACE COUNTERTOPS			
SS-1			
123661.19 - QUARTZ AGGLOMERATE COUNTERTOPS			
QZ-1			
124813 - ENTRANCE FLOOR MATS AND FRAMES			
WOM-1			

INTERIOR FINISH ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE
AWC	ACOUSTICAL WALLCOVERING
BR	BUMPER RAIL
C	CEILING SYSTEM
CC	CUBICLE CURTAIN
CG	CORNER GUARD
CHR	CHAIR RAIL
CPT	CARPET
CR	CRASH RAIL
CT	CERAMIC TILE
DM	DECORATIVE METAL
DP	DOOR PROTECTION
DPG	DECORATIVE PLASTIC GLAZING
EP	EPOXY PAINT
FA	FABRIC
FRP	FIBERGLASS REINFORCED PANEL

INTERIOR FINISH ABBREVIATIONS

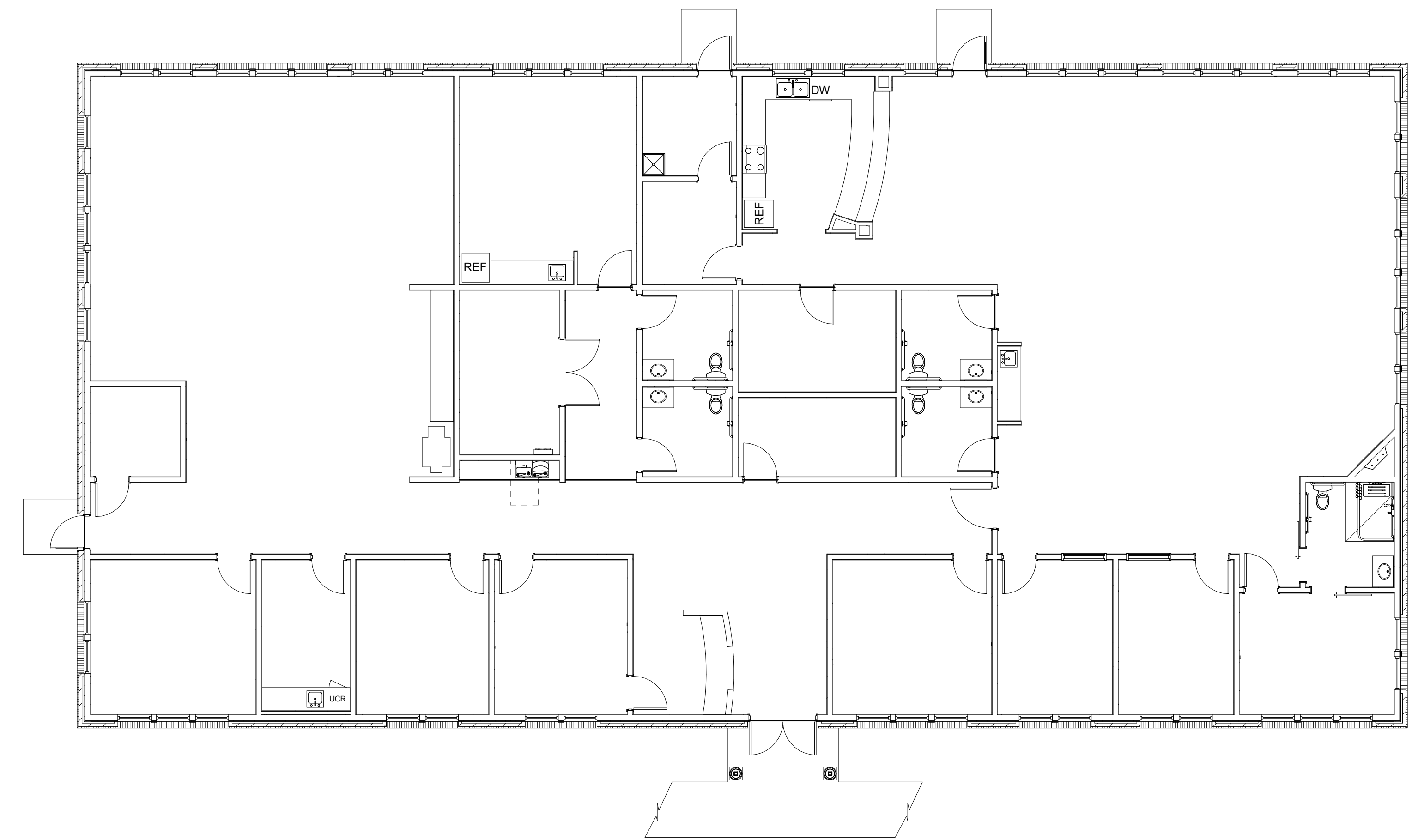
G	GLASS
GT	GLASS TILE
HR	HAND RAIL
LR	LEANING RAIL
LVT	LUXURY VINYL TILE
MT	METAL TILE
NS	NATURAL STONE
P	PAINT
PL	PLASTIC LAMINATE
PT	PORCELAIN TILE
QT	QUARRY TILE
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
WB	RUBBER BASE
RES	RESINOUS POURED FLOORING
RF	RESILIENT FLOORING
SC	SPECIALTY COATINGS

INTERIOR FINISH ABBREVIATIONS

SCONC	SEALED CONCRETE
SHC	SHOWER CURTAIN
SMP	SOLID MINERAL PROFILE PANELING
SP	SOLID PHENOLIC
SS	SOLID SURFACE
ST	STAIR TREADS
STCONC	STAINED CONCRETE
TF	THERMOFOIL
TP	TOILET PARTITION
TZ	TERRAZZO
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
WC	WALLCOVERING
WD	WOOD
WDM	WALK-OFF MAT
WP	WALL PROTECTION

FLOOR PATTERN PLAN GENERAL NOTES

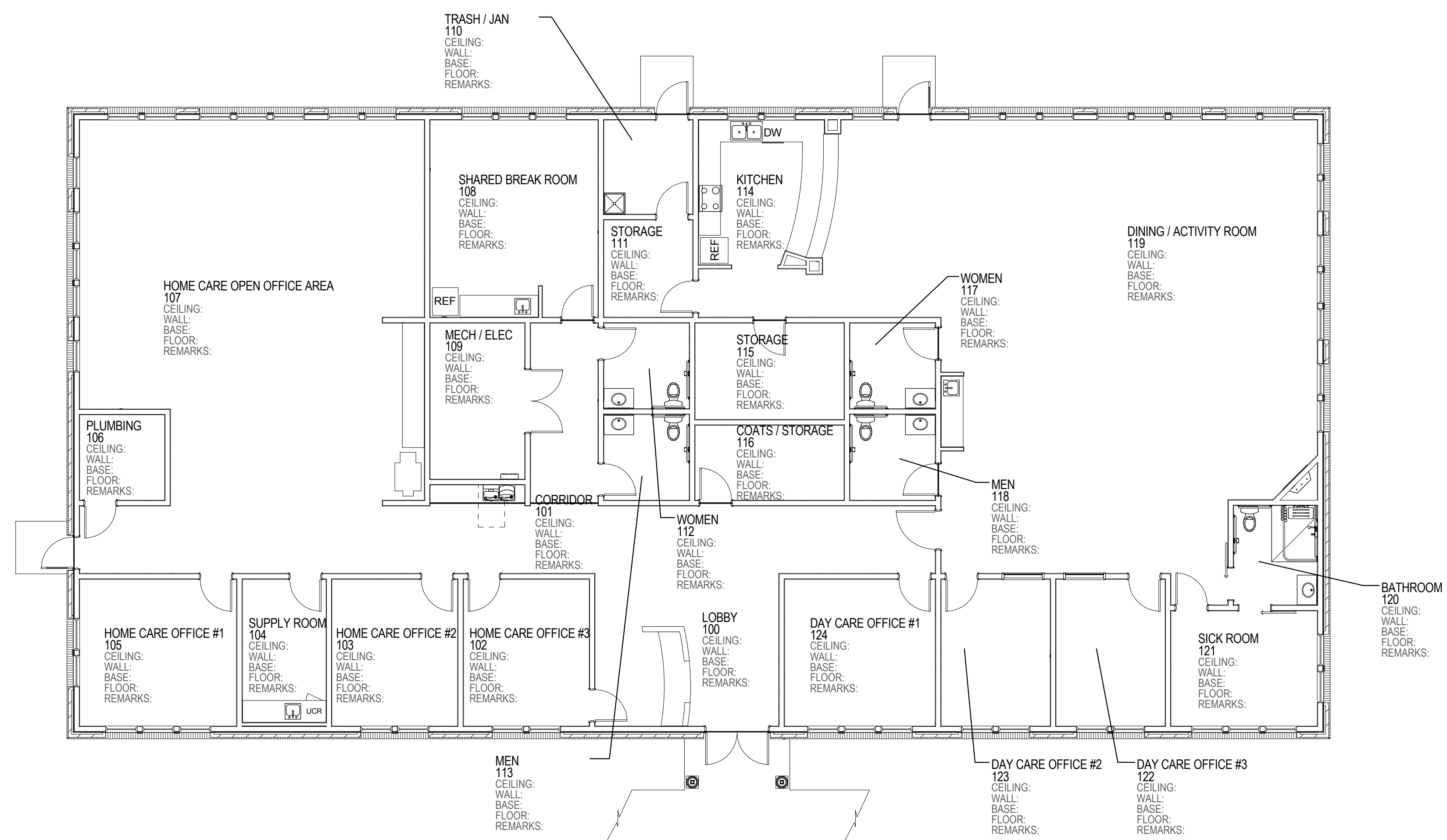
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2
H.1
FIRST FLOOR FLOOR PATTERN PLAN
1/8" = 1'-0"

FINISH PLAN GENERAL NOTES

1



1
H.1
FIRST FLOOR INTERIOR FINISH PLAN
1/8" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

BERLIN PLANK ROAD
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
W: WWW.NH.COM
PA | MD | VA

STRUCTURAL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

M/E/P ENGINEER

CJL ENGINEERING
232 HORNER STREET | JOHNSTOWN, PA | 15902
P: 814.536.1651 | F: 814.536.5732

FOOD SERVICE CONSULTANT

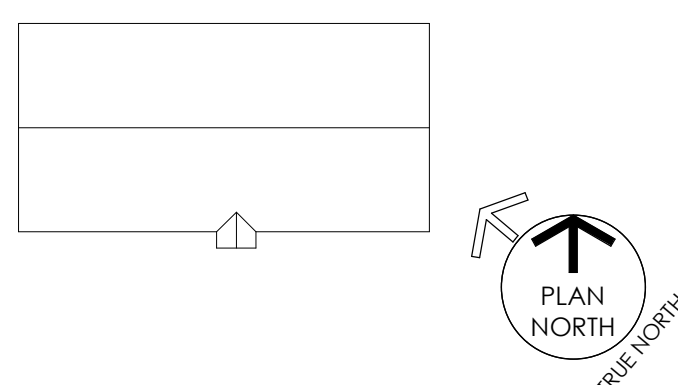
CIVIL ENGINEER

KELLER ENGINEERS, INC.
420 ALLEGHENY STREET | HOLLIDAYSBURG, PA | 16648
P: 814.696.7430 | F: 814.696.0150

LANDSCAPE ARCHITECT

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

100% DD SUBMISSION

JOB NUMBER: 17044.01

ISSUE DATE: 26 MAY, 2017

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

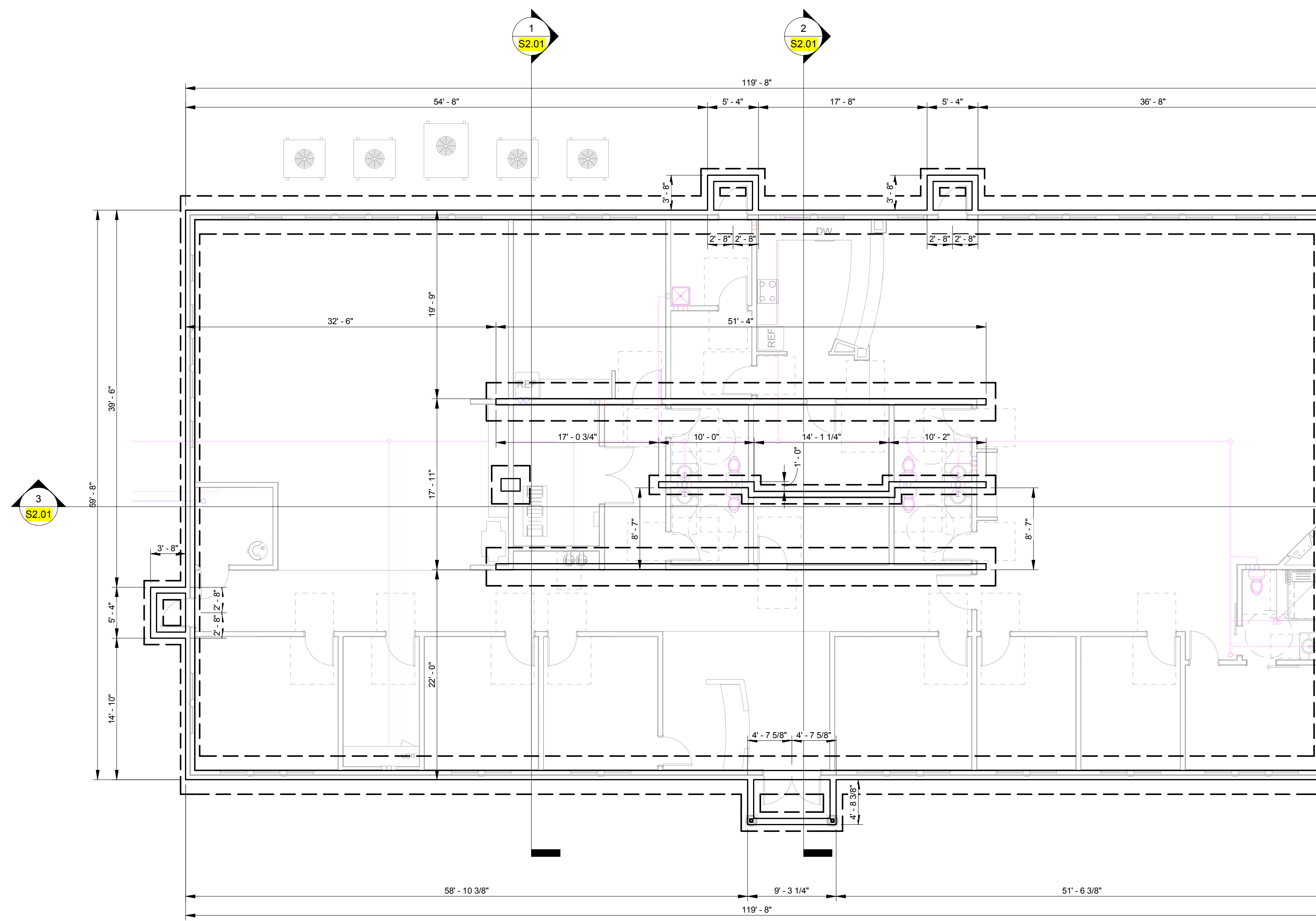
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**INTERIOR FINISHES AND FLOOR
PATTERN PLANS**

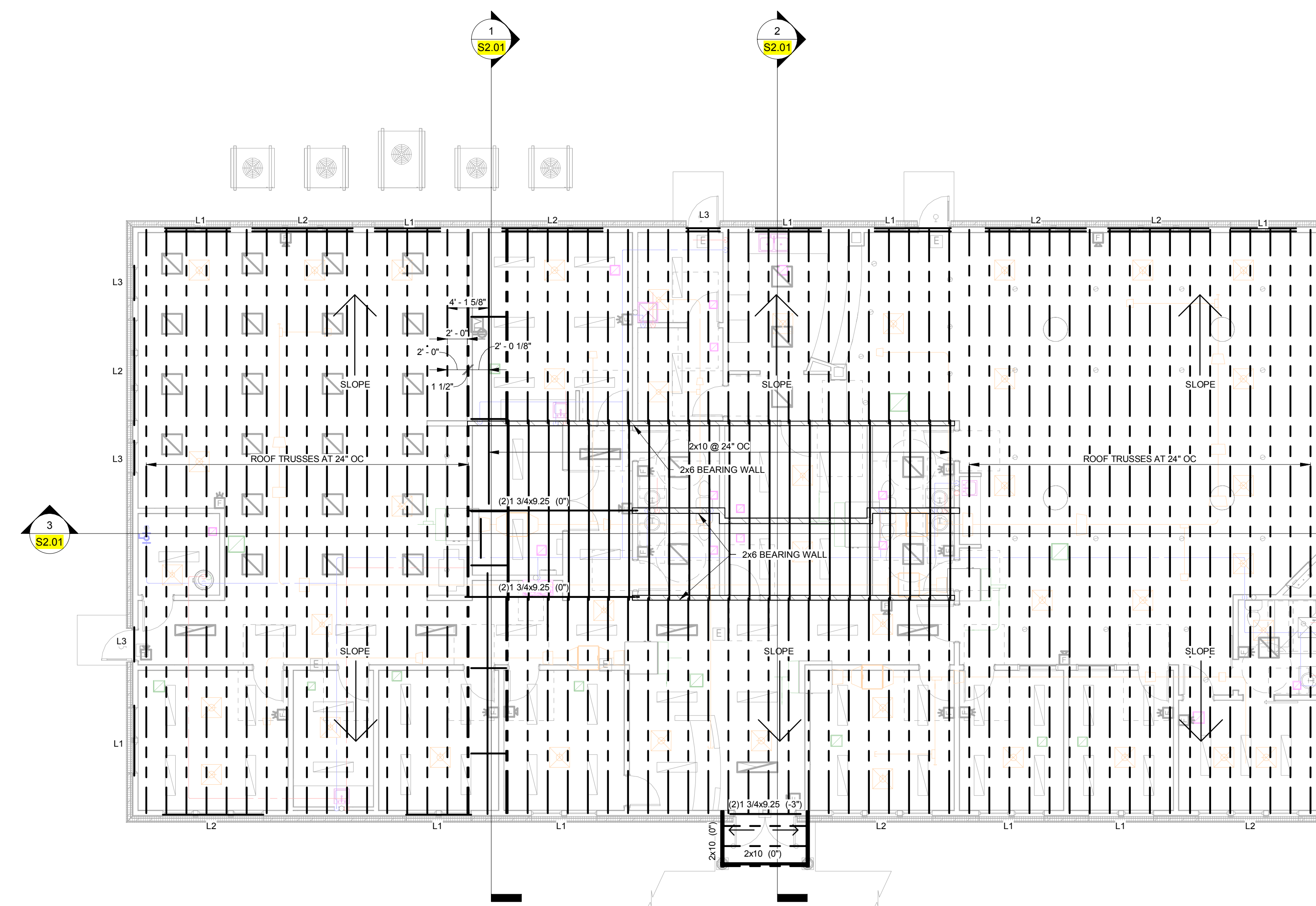
SHEET NUMBER:

I1.1

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



2 ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

LINTELS
L1 - INSULATED LSL HEADER, 7.25" DEEP, DOUBLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT
L2 - INSULATED LSL HEADER, 7.25" DEEP, TRIPLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT
L3 - INSULATED LSL HEADER, 7.25" DEEP, SINGLE SPAN, TWO JACK STUDS UNDER EACH BEARING POINT

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER
AND HULL
ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8454 | F: 717.263.6031
WWW.NOELKER.COM

PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

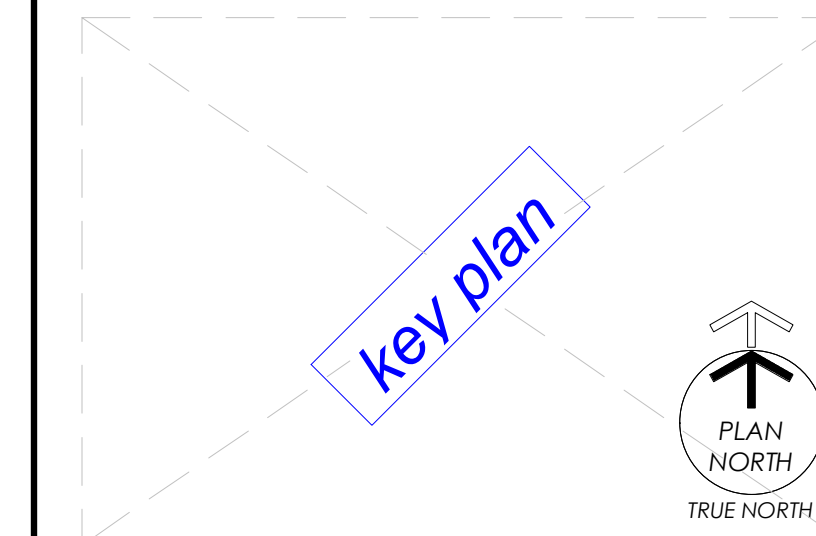
LANDSCAPE ARCHITECT

PROGRESS SET
NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

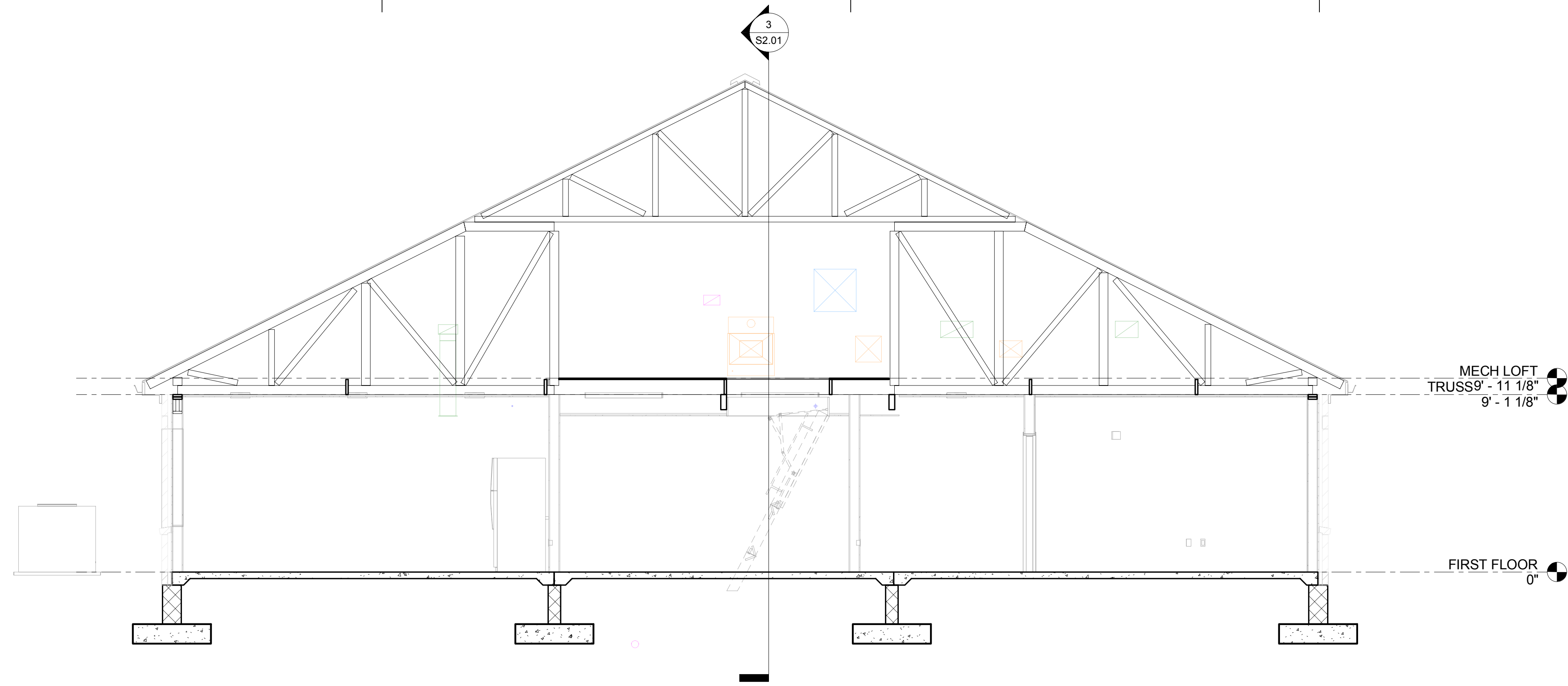
PROGRESS SET

JOB NUMBER: 17044
ISSUE DATE: Issue Date
SCALE: 1/8" = 1'-0"

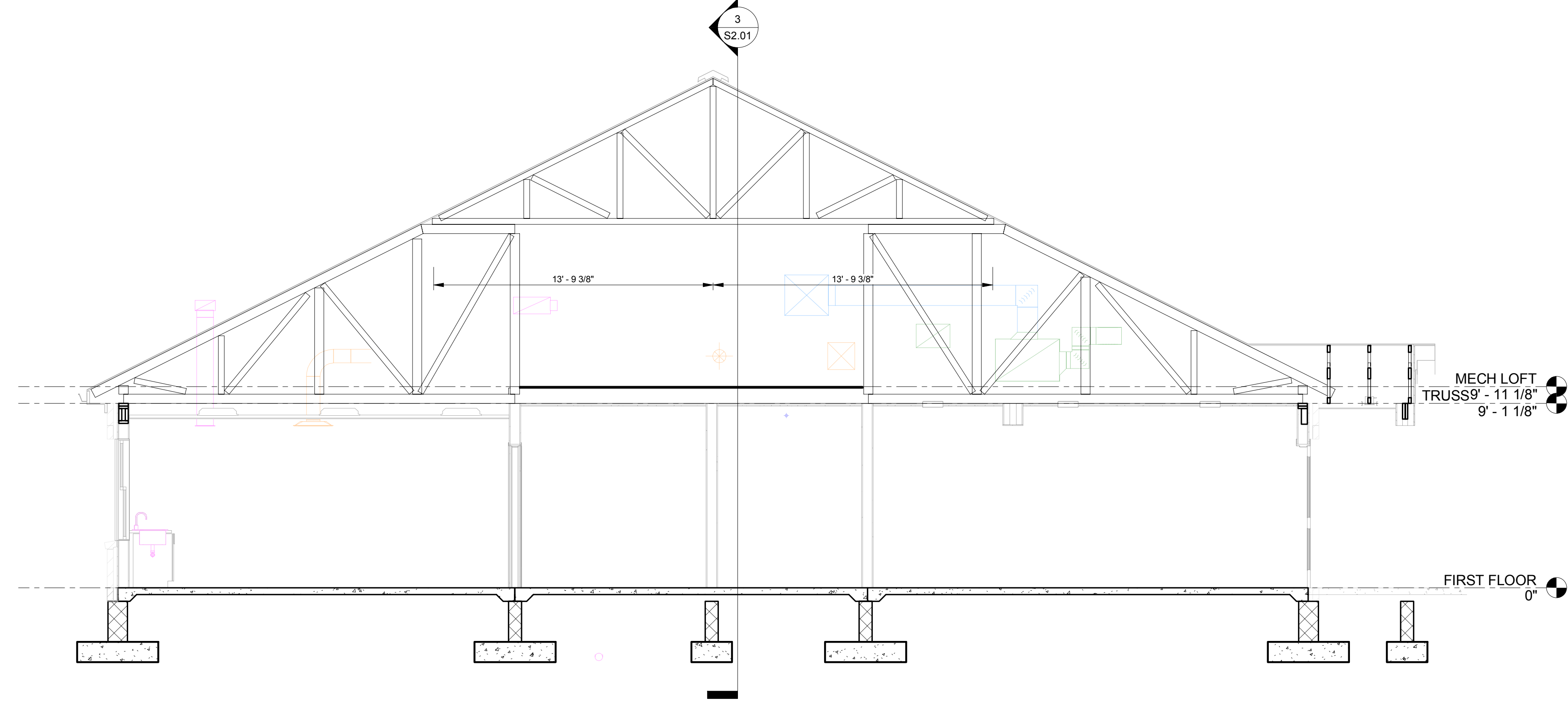
SHEET TITLE:
FOUNDATION PLAN AND ROOF PLAN

SHEET NUMBER:

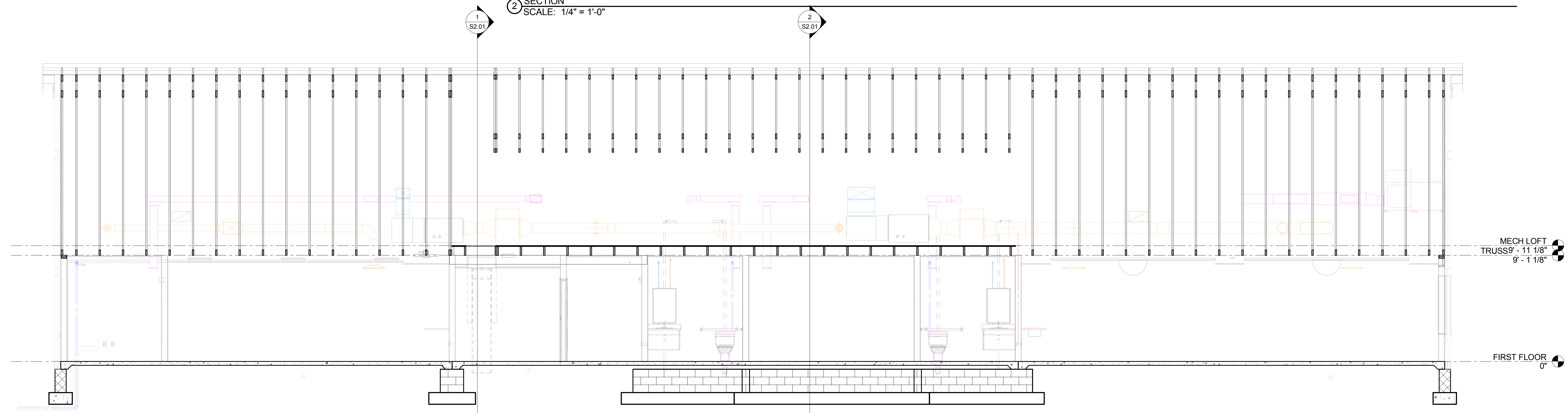
S1.01



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



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

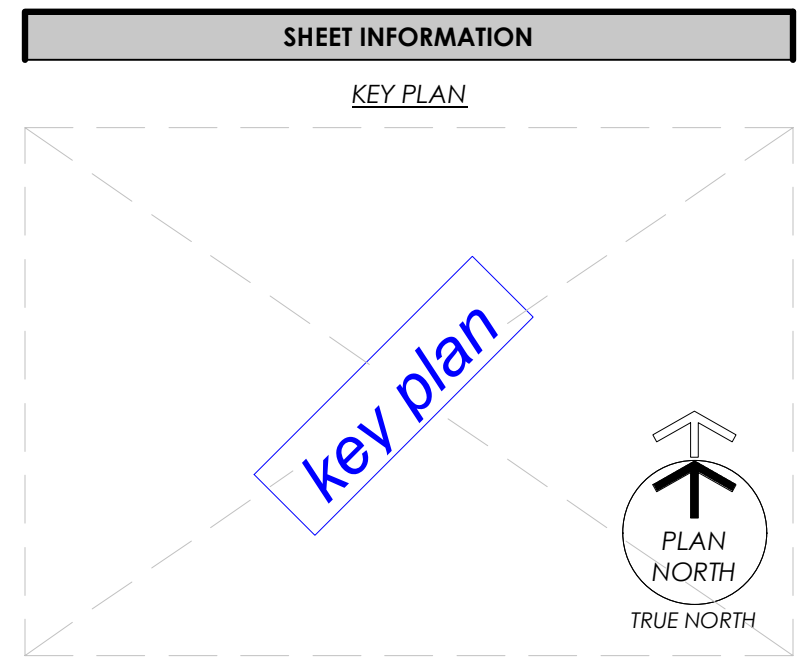


3 SECTION
SCALE: 1/4" = 1'-0"

PROJECT INFORMATION
PROJECT TITLE
ADULT DAYCARE FACILITY
PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501
PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES
ALLEGHENY LUTHERAN SOCIAL MINISTRIES
We Touch Lives

PROJECT TEAM
ARCHITECT
NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS
30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1340
P: 717.263.8454 | F: 717.263.6031
WWW.NHASSOCIATES.COM
PA | MD | VA
STRUCTURAL ENGINEER
M/E/P ENGINEER
FOOD SERVICE CONSULTANT
CIVIL ENGINEER
LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**
ARCHITECT'S STAMP



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS
PROGRESS SET
JOB NUMBER: 17044
ISSUE DATE: Issue Date
SCALE: 1/4" = 1'-0"
SHEET TITLE:
SECTIONS AND DETAILS
SHEET NUMBER:
S2.01

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HVAC ABBREVIATIONS

Table of HVAC abbreviations including AV, AVB, AC, AHF, AHJ, ALT, AMP, ANSI, APD, APPROX, ASHRAE, BAS, BCD, BDD, BHP, BLDG, BLW, BTU, BV, CAP, CCW, CENTR, CFH, CFM, CHKV, CIRC, CLG, CO, COEFF, CONC, CONN, CONST, CONT, CONTR, CR, CU FT, CU IN, DB, DEG, DIA, DISCH, DN, DPR, DRAIN, DS, DWG, EA, EAT, EC, EDB, EER, EFF, EGC, EQM, ENCL, ENT, EQUIP, ER, ERC, ERW, ESP, ETC, EWB, EWT, EXH, EXP, FA, FAT, FD, FLG, FLR, FNL, FNL DR, FPM, FPS, FR, FT, FTG, GA, GAL, GCM, GPM, GR, GRAV, HC, HDR, Hg, HP, HR, HTG, HTRS, HZ, IER, INSUL, IPS, IRI, KW, KWH, LAT, LBS, LDB, LF, LIQ, LWB, MAV, MAX, MBH, MC, MFRG, MN, MOD, MTD, MTL, N/A, NIC, NO, NTS, OA, OPER, OPNG, %.

HVAC ABBREVIATIONS (CONTINUED)

Continuation of HVAC abbreviations including PC, PD, PG, PH, PRESS, PRV, PSF, PSIA, PSIG, PT, QNTY, R, RA, REFRIG, REQD, RET, REV, RSC, RGW, RH, RPM, RRC, RRW, S, SA, SAT, SCH, SDC, SEER, SENS, SP, SPEC, SQ FT, SRW, STD, STR, SUCTION, SUP, SW, TAB, TCV, TEMP, TH, TONS, TOT, TRANS, TSP, TSTAT, TV, TW, TYP, V, VCD, VEL, VOL, W, WATT, WB, WG, WL, WP, WPD, WT, WTD, ZCV, ASME, ATC, ATM, AUTO, AVG, AWG, BMS, BDD, BHP, BLDG, BLW, BTU, BV, CAP, CCW, CENTR, CFH, CFM, CHKV, CIRC, CLG, CO, COEFF, CONC, CONN, CONST, CONT, CONTR, CR, CU FT, CU IN, DB, DEG, DIA, DISCH, DN, DPR, DRAIN, DS, DWG, EA, EAT, EC, EDB, EER, EFF, EGC, EQM, ENCL, ENT, EQUIP, ER, ERC, ERW, ESP, ETC, EWB, EWT, EXH, EXP, FA, FAT, FD, FLG, FLR, FNL, FNL DR, FPM, FPS, FR, FT, FTG, GA, GAL, GCM, GPM, GR, GRAV, HC, HDR, Hg, HP, HR, HTG, HTRS, HZ, IER, INSUL, IPS, IRI, KW, KWH, LAT, LBS, LDB, LF, LIQ, LWB, MAV, MAX, MBH, MC, MFRG, MN, MOD, MTD, MTL, N/A, NIC, NO, NTS, OA, OPER, OPNG, %.

HVAC EQUIPMENT ABBREVIATIONS

Table of HVAC equipment abbreviations including AHU, B, COMP, CP, CUH, FT, ERV, ET, EWH, GRV, HUH, P, RCU, UH, VFD, AHU, B, COMP, CP, CUH, FT, ERV, ET, EWH, GRV, HUH, P, RCU, UH, VFD, AHU, B, COMP, CP, CUH, FT, ERV, ET, EWH, GRV, HUH, P, RCU, UH, VFD.

HVAC PIPING SYMBOLS

Table of HVAC piping symbols including PIPE TEE UP, PIPE TEE DOWN, PIPE ELBOW UP, PIPE ELBOW DOWN, DIRECTION OF PIPE SLOPE DOWN, DIRECTION OF FLOW, ISOLATION VALVE STATION, GATE VALVE OR GENERIC ISOLATION VALVE, BALL VALVE, BUTTERFLY VALVE, GLOBE VALVE, PLUG VALVE, BALANCING VALVE, CHECK VALVE, TRIPLE DUTY VALVE, ISOLATION VALVE IN RISER, TWO-WAY VALVE WITH ELECTRONIC ACTUATOR, STRAINER, STRAINER W/ BLOW OFF, FLANGE, UNION, SCREWED, CAPPED PIPE, CONCENTRIC REDUCER, ECCENTRIC REDUCER, INVERTED ECCENTRIC REDUCER, AUTOMATIC AIR VENT, MANUAL AIR VENT, AQUASTAT, CLEAN OUT, PRESSURE GAUGE WITH SHUT OFF COCK, THERMOMETER WITH SEPARABLE WELL, THERMOMETER / INSTRUMENT WELL, PRESSURE / TEMPERATURE PORT, FUNNEL DRAIN, EXPANSION JOINT, FLEXIBLE CONNECTION / VIBRATION ISOLATION, AUTOMATIC AIR VENT, MANUAL AIR VENT.

HVAC SYMBOLS

Table of HVAC symbols including THERMOSTAT, TEMPERATURE SENSOR, LINE VOLTAGE THERMOSTAT, CARBON DIOXIDE SENSOR, NUMBERED NOTES, REVISION SEQUENCE, GRILLE, REGISTER AND DIFFUSER TAG, SUPPLY DIFFUSER - 4-WAY BLOW, AIR FLOW ARROW, WALL MOUNTED SUPPLY GRILLE / REGISTER, WALL MOUNTED RETURN OR EXHAUST GRILLE / REGISTER, CEILING MOUNTED RETURN OR EXHAUST GRILLE / REGISTER, INTERIOR CLEAR DUCTWORK DIMENSIONS, WIDTH/HEIGHT, SUPPLY DUCT TOWARD VIEWER, SUPPLY DUCT AWAY FROM VIEWER, RETURN OR EXHAUST DUCT TOWARD VIEWER, RETURN OR EXHAUST DUCT AWAY FROM VIEWER, OUTSIDE AIR DUCT TOWARD VIEWER, OUTSIDE AIR DUCT AWAY FROM VIEWER, CHANGE IN DUCT ELEVATION DROP INDICATED BY "D", CHANGE IN DUCT ELEVATION RISE INDICATED BY "R", FLEXIBLE DUCT, FLEXIBLE CONNECTION, MANUAL VOLUME DAMPER, MOTORIZED CONTROL DAMPER, FIRE DAMPER DYNAMIC, VERTICAL OR HORIZONTAL, TRANSITION, SYMMETRIC, TRANSITION, ASYMMETRIC, 90 DEG RADIUS ELBOW (R/W = 1.5), MITERED ELBOW WITH TURNING VANES, TEE, BOOT ENTRY BRANCH, TEE, ROUND BRANCH, TEE, CONICAL ROUND BRANCH, AUTOMATIC AIR VENT, MANUAL AIR VENT.

ELECTRICAL REQUIREMENTS FOR MECHANICAL EQUIPMENT

Table of electrical requirements for mechanical equipment including GENERAL REQUIREMENTS, POWER REQUIREMENTS, CONTROL REQUIREMENTS, SPECIALTIES.

PROJECT GENERAL NOTES

Table of project general notes including ALL MATERIALS AND EQUIPMENT, CONTRACT DOCUMENTS, INSTALL ALL MECHANICAL EQUIPMENT, COORDINATE CONSTRUCTION OF ALL MECHANICAL WORK, MAINTAIN A MINIMUM OF 6" CLEARANCE, ALL TESTS SHALL BE COMPLETED, LOCATE ALL TEMPERATURE, PRESSURE, AND FLOW MEASURING DEVICES, TESTING, ADJUSTING, AND BALANCING SHALL BE PERFORMED, WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, COORDINATE ALL EQUIPMENT CONNECTIONS, EQUIPMENT CONNECTIONS SHALL BE MADE THROUGH CONDUIT OR RACEWAYS, ALL POWER WIRING FOR MECHANICAL EQUIPMENT, CONCRETE HOUSEKEEPING PADS FOR MECHANICAL EQUIPMENT, REINFORCEMENT, DETAILING, AND PLACEMENT OF CONCRETE, WHEN MECHANICAL WORK IS SUBCONTRACTED, LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS, PROVIDE ACCESS PANELS FOR INSTALLATION IN WALLS AND CEILING, ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION, ALL DUCTWORK, PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURAL STEEL, ELECTRICAL CONTROL WIRING FOR CONNECTION OF TEMPERATURE CONTROLLERS, PUSH BUTTONS, INTERLOCKS IN MOTOR CONTROLLERS, PNEUMATIC SWITCHES AND LIKE ITEMS IS SPECIFIED UNDER THE CONTROL SECTIONS, ALL MOTORS, MOUNTS, REMOTE MOUNTED PUSH BUTTON CONTROLS AND ALL SPEED CONTROL SWITCHES FOR MULTI-SPEED MOTORS FOR ALL EQUIPMENT PROVIDED UNDER DIVISION 23 SHALL BE FURNISHED AND INSTALLED UNDER DIVISION 23, DUCT MOUNTED SMOKE DETECTORS SHALL BE FURNISHED UNDER DIVISION 28 AND INSTALLED UNDER DIVISION 23, HVAC CONTRACTOR SHALL COORDINATE VELOCITY, TUBE LENGTH, AND OTHER SMOKE DETECTOR SELECTION CRITERIA WITH THE ELECTRICAL CONTRACTOR.

SHEET METAL GENERAL NOTES

Table of sheet metal general notes including ALL DUCTWORK DIMENSIONS, CERTAIN ITEMS SUCH AS RISES AND DROPS IN DUCTWORK, ALL DUCTWORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED, UNLESS OTHERWISE NOTED, ALL DUCTWORK SHALL BE OVERHEAD, TIGHT TO THE UNDERSIDE OF THE STRUCTURE, PROVIDE ALL 90-DEGREE SQUARE ELBOWS WITH DOUBLE RADIUS TURNING VANES UNLESS OTHERWISE INDICATED, PROVIDE ACCESS DOORS IN DUCTWORK TO PROVIDE ACCESS FOR ALL SMOKE DETECTORS, FIRE DAMPERS, SMOKE DAMPERS, VOLUME DAMPERS, HUMIDIFIERS, COILS, AND OTHER ITEMS LOCATED IN THE DUCTWORK THAT REQUIRE SERVICE AND/OR INSPECTION, PROVIDE ACCESS DOORS IN DUCTWORK FOR THE OPERATION, ADJUSTMENT, AND MAINTENANCE OF ALL FANS, VALVES, AND MECHANICAL EQUIPMENT, SEE SPECIFICATIONS FOR DUCTWORK GAUGES, BRACING, HANGERS, AND OTHER REQUIREMENTS, RUNS OF FLEXIBLE DUCT SHALL NOT EXCEED 5 FEET, LOCATE ALL MECHANICAL EQUIPMENT (SINGLE DUCT, DUAL DUCT, VARIABLE VOLUME CONSTANT VOLUME AND FAN POWERED BOXES, FAN COIL UNITS, CABINET HEATERS, UNIT HEATERS, UNIT VENTILATORS, COILS, STEAM HUMIDIFIERS, ETC.) FOR UNOBSTRUCTED ACCESS TO UNIT ACCESS PANELS, CONTROLS, AND VALVES, ALL AIR HANDLING UNITS SHALL OPERATE WITHOUT MOISTURE CARRYOVER, PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCTWORK SYSTEMS (SUPPLY, RETURN, AND EXHAUST) CONNECTED TO AIR HANDLING UNITS, FANS, AND OTHER EQUIPMENT THAT REQUIRE VIBRATION ISOLATION, FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION TO THE EQUIPMENT UNLESS OTHERWISE INDICATED, ALL DUCTS SHALL BE GROUNDED ACROSS FLEXIBLE CONNECTIONS WITH FLEXIBLE COPPER GROUNDING STRAPS, GROUNDING STRAPS SHALL BE BOLTED OR SOLDERED TO BOTH THE EQUIPMENT AND THE DUCT, COORDINATE DIFFUSERS, REGISTER AND GRILLE LOCATIONS WITH ARCHITECTURAL, REFLECTED CEILING PLANS, LIGHTING AND OTHER CEILING ITEMS AND MAKE MINOR DUCT MODIFICATIONS TO SUIT, UNLESS OTHERWISE SHOWN, LOCATE ALL ROOM THERMOSTATS AND HUMIDISTATS 42" (CENTERLINE) ABOVE THE FINISHED FLOOR, THE PROFESSIONAL OF ANY ROOMS WHERE THE PRECEDING LOCATION CANNOT BE MAINTAINED OR WHERE THERE IS A QUESTION ON LOCATION, EXTERIOR LOUVERS ARE INDICATED FOR INFORMATION ONLY. LOUVER SIZES, LOCATIONS, AND DETAILS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.

HVAC PIPING GENERAL NOTES

Table of HVAC piping general notes including ALL PIPING WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED, UNLESS OTHERWISE NOTED, ALL PIPING IS OVERHEAD, TIGHT TO THE UNDERSIDE OF THE STRUCTURE OR SLAB, WITH SPACE FOR INSULATION IF REQUIRED, INSTALL PIPING SO ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE, ALL VALVES SHALL BE INSTALLED SO THAT THE VALVE REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON THE EQUIPMENT SIDE OF THE VALVE IS REMOVED, PROVIDE A LINE SIZE STRAINER UPSTREAM OF EACH AUTOMATIC VALVE, PROVIDE A SHUT-OFF VALVE ON EACH SIDE OF A STRAINER, UNIONS AND/OR FLANGES SHALL BE INSTALLED AT EACH PIECE OF EQUIPMENT, IN BYPASSES, AND IN LONG PIPING RUNS (100 FT OR MORE) TO PERMIT DISASSEMBLY FOR ALIGNMENT AND REPAIRS, INSTALL ALL PIPING WITHOUT FORGING OR SPRINGING, ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION, FREE INSTALLATION, ALL DUCTWORK, PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR, ALL ATTACHMENTS TO STEEL BAR JOISTS, TRUSSES, OR JOISTS GRIDDERS SHALL BE AT PANEL POINTS, PROVIDE BEAM CLAMPS MEETING MSS STANDARDS, WELDING TO STRUCTURAL MEMBERS SHALL NOT BE PERMITTED, THE USE OF C-CLAMPS SHALL NOT BE PERMITTED, ALL ROOF-MOUNTED EQUIPMENT CURBS FOR EQUIPMENT PROVIDED BY THE MECHANICAL CONTRACTOR SHALL BE FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR, LOCATIONS AND SIZES OF FLOOR, WALL AND ROOF OPENINGS SHALL BE COORDINATED WITH ALL OTHER TRADES INVOLVED, ALL OPENINGS IN FIRE AND/OR SMOKE RATED CONSTRUCTION DUE TO DUCTWORK, PIPING, CONDUIT, ETC. SHALL BE FIRE STOPPED WITH AN APPROVED LISTED AND LABELED FIRE STOPPING MATERIAL, ALL AIR CONDITIONING CONDENSATE DRAIN LINES FROM EACH AIR HANDLING UNIT AND ROOFTOP UNIT SHALL BE PIPED FULL SIZE OF THE UNIT DRAIN OUTLET WITH A "P" TRAP AND PIPED TO THE NEAREST DRAIN, SEE THE DETAILS SHOWN ON THE DRAWINGS OR THE CONTRACT SPECIFICATIONS FOR THE DEPTH OF THE AIR CONDITIONING CONDENSATE TRAP.

C/E ENGINEERING logo and contact information for Pittsburgh, Johnstown, and Youngstown offices.

ALLEGHENY LUTHERAN SOCIAL MINISTRIES logo and address.

ADULT DAYCARE FACILITY text.

NOT FOR CONSTRUCTION stamp.

Table with 3 columns: Rev, Description, Date.

Date Issued: Issue Date

Sheet Title: HVAC COVER SHEET

Sheet Number:

H0.1

C.J.L. Project Number:

HVAC COVER SHEET

1 H0.1 18" x 11"

SOME OF THESE SYMBOLS MAY NOT BE USED UNDER THIS PROJECT. SEE THE GENERAL PROJECT NOTES FOR ADDITIONAL REQUIREMENTS.

ADULT DAYCARE FACILITY

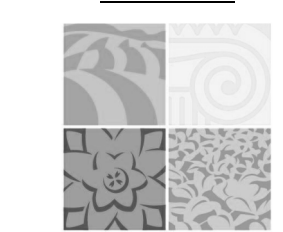
PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8444 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

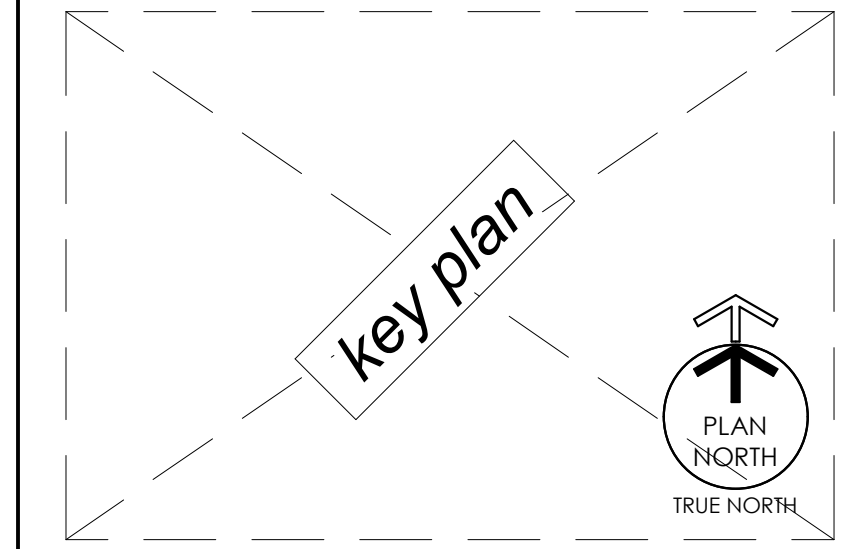
LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

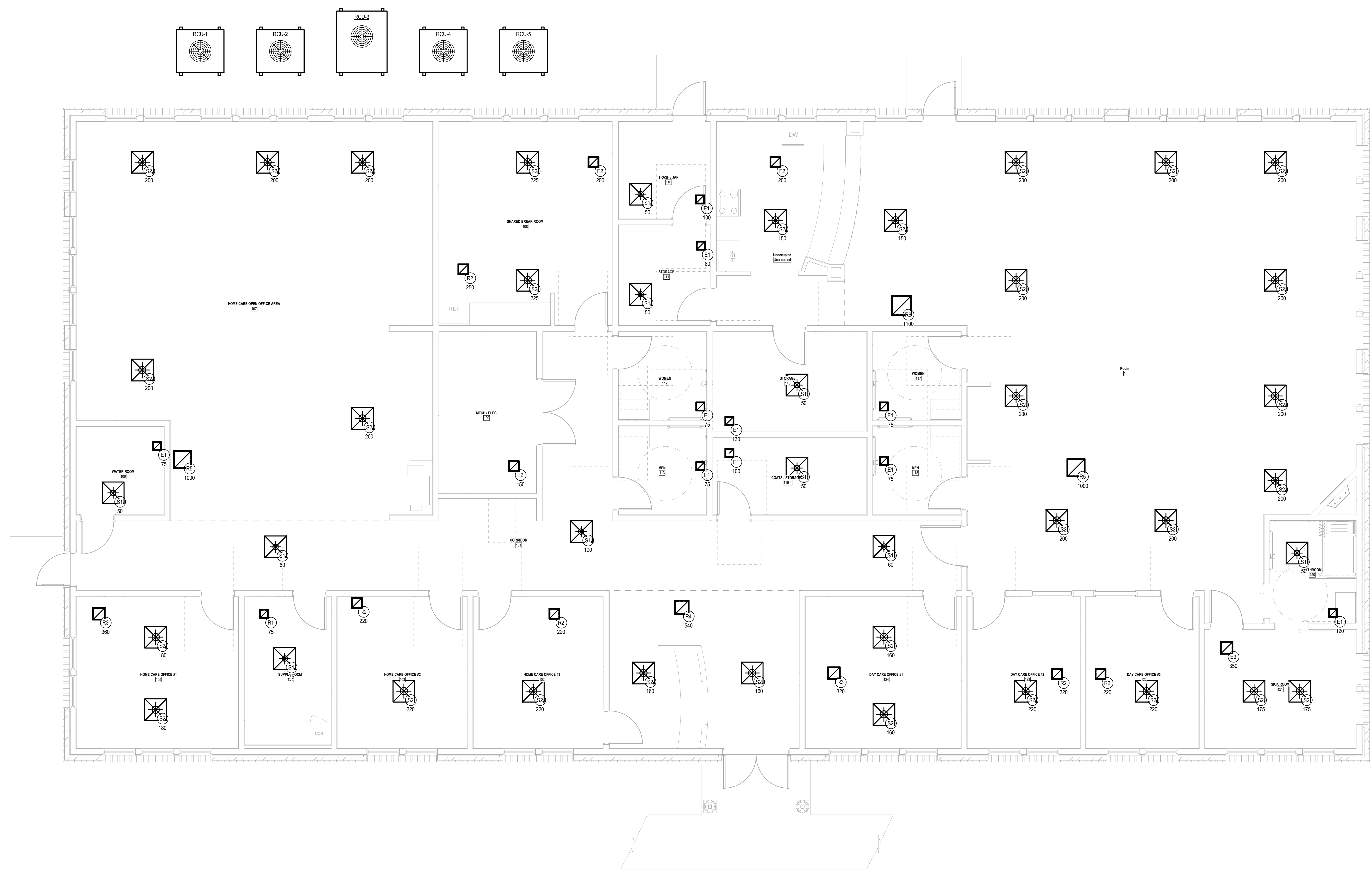
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JOB NUMBER: 17044
 ISSUE DATE: Issue Date
 SCALE: 1/4" = 1'-0"
 SHEET TITLE:

FIRST FLOOR PLAN - HVAC

SHEET NUMBER:

H2.0



PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

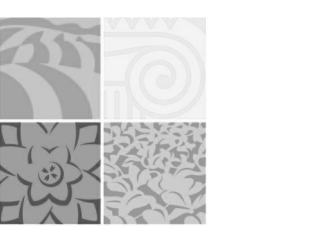
PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER AND HULL ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8444 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

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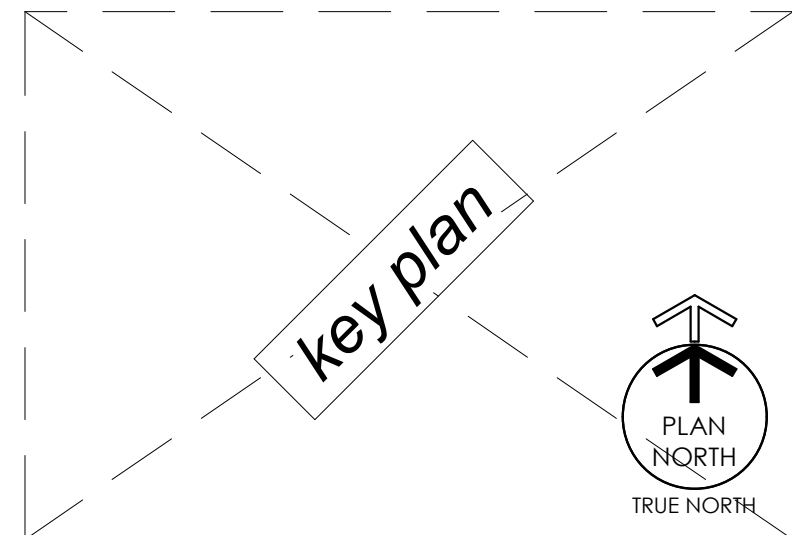
LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

PROGRESS SET

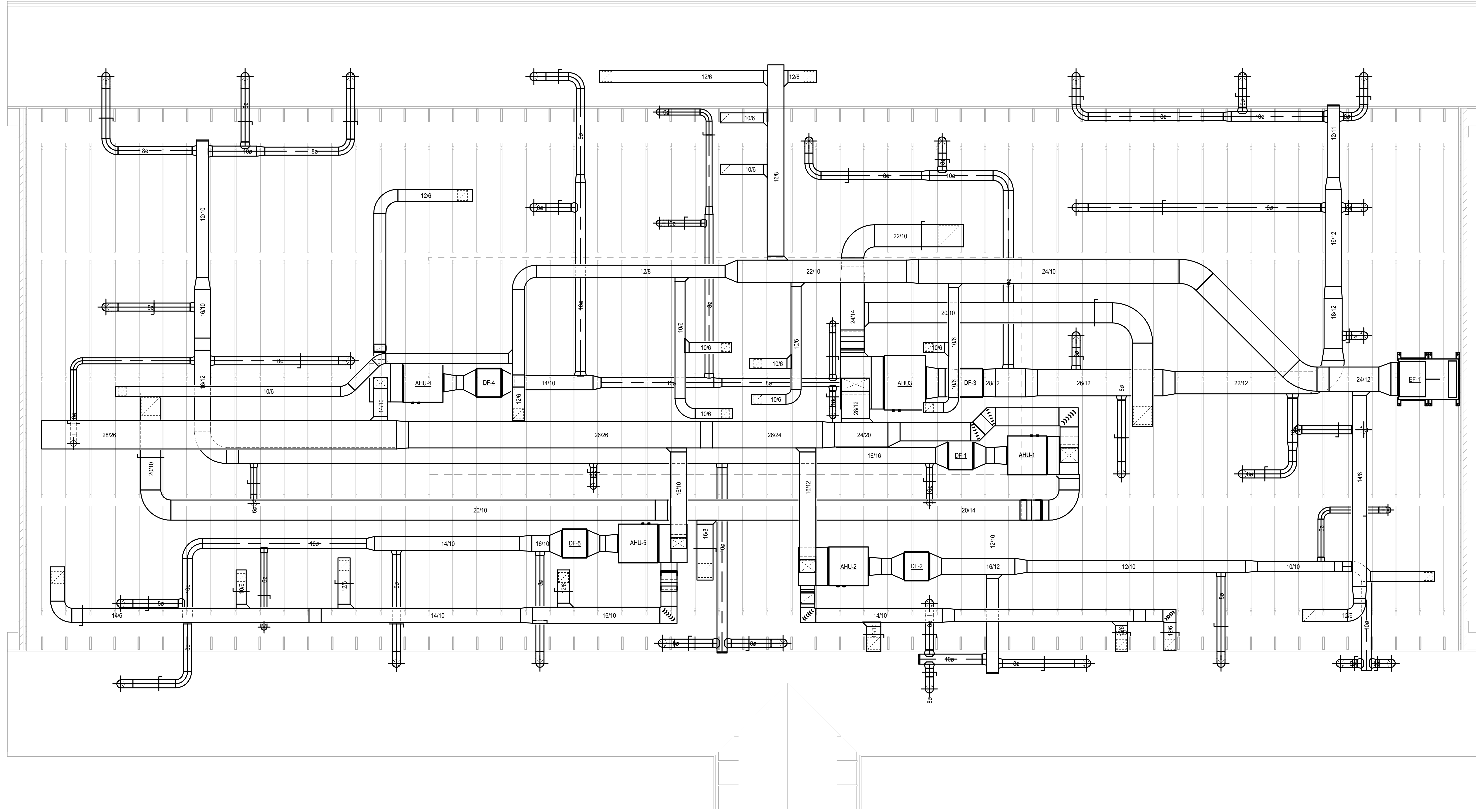
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 ISSUE DATE: **Issue Date**
 SCALE: **1/4" = 1'-0"**
 SHEET TITLE:

MECHANICAL LOFT PLAN - HVAC

SHEET NUMBER:

H2.1

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RADIANT FLOOR HEATING SYSTEM											
SCHEDULE OF ZONES	# OF LOOPS	LENGTH PER LOOP (FT)	PIPE SPACING	FLOW RATE PER LOOP (GPM)	HEAD LOSS PER LOOP (FT)	RADIANT HEAT PER LOOP (MBH)	EWT (°F)	LWT (°F)	TUBING SIZE	TOTAL ZONE HEAT (MBH)	TOTAL ZONE FLOW (GPM)
ZONE #1 - NORTH CLASSROOMS	13	327	15" ON CENTER	0.52	0.58	4.1	93.2	77.2	3/4"	54.0	6.7
ZONE #2 - SOUTH CLASSROOMS	9	361	15" ON CENTER	0.58	0.75	8.5	106.3	76.9	3/4"	76.7	5.2

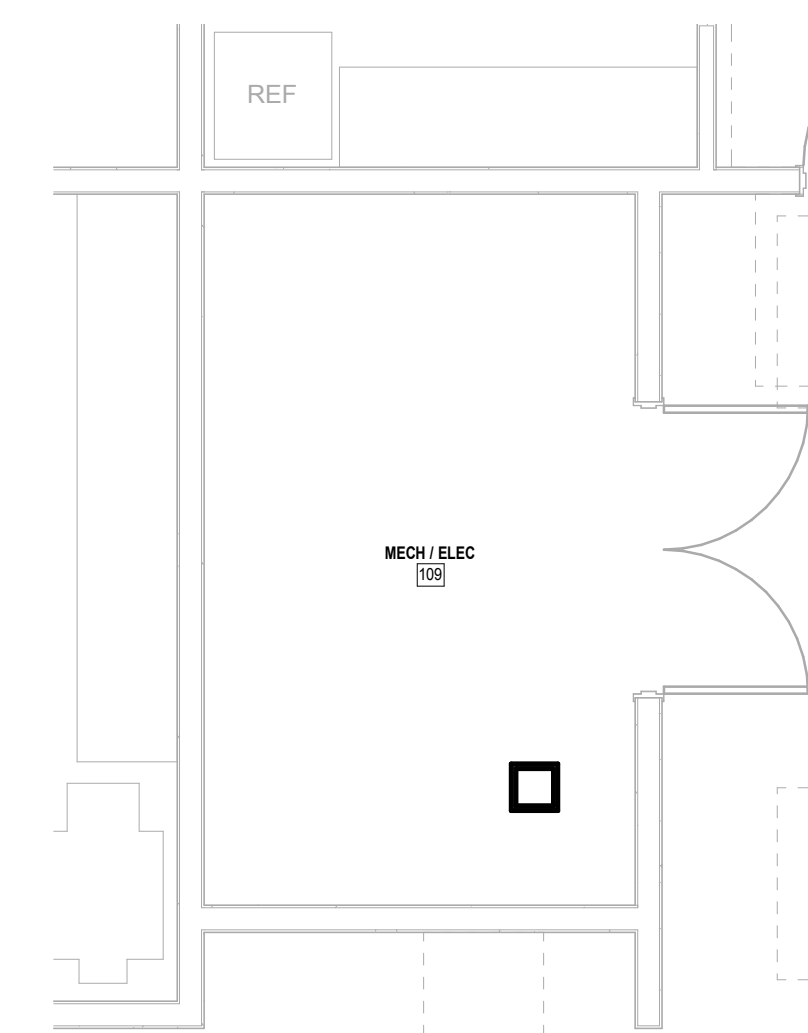
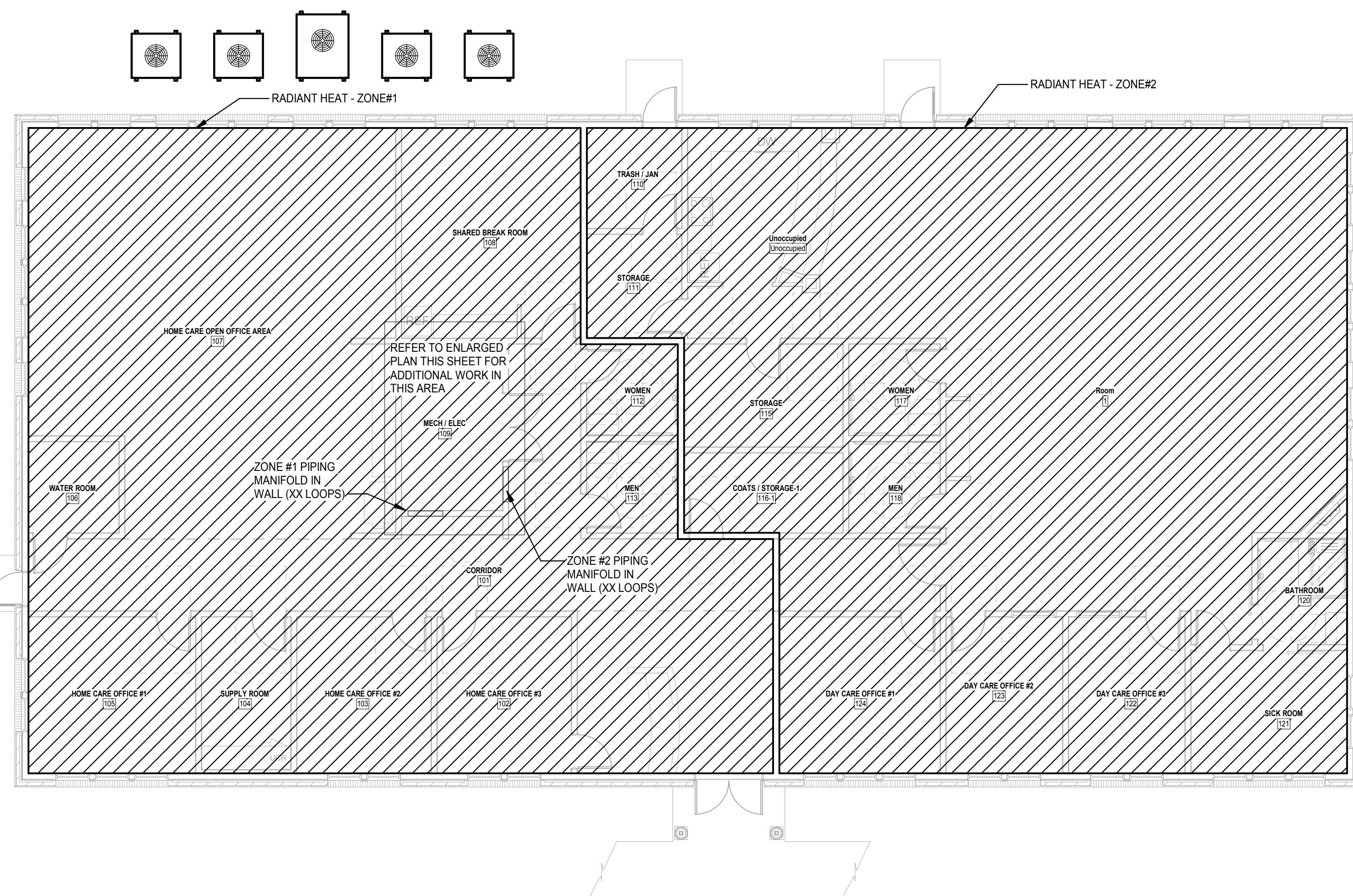
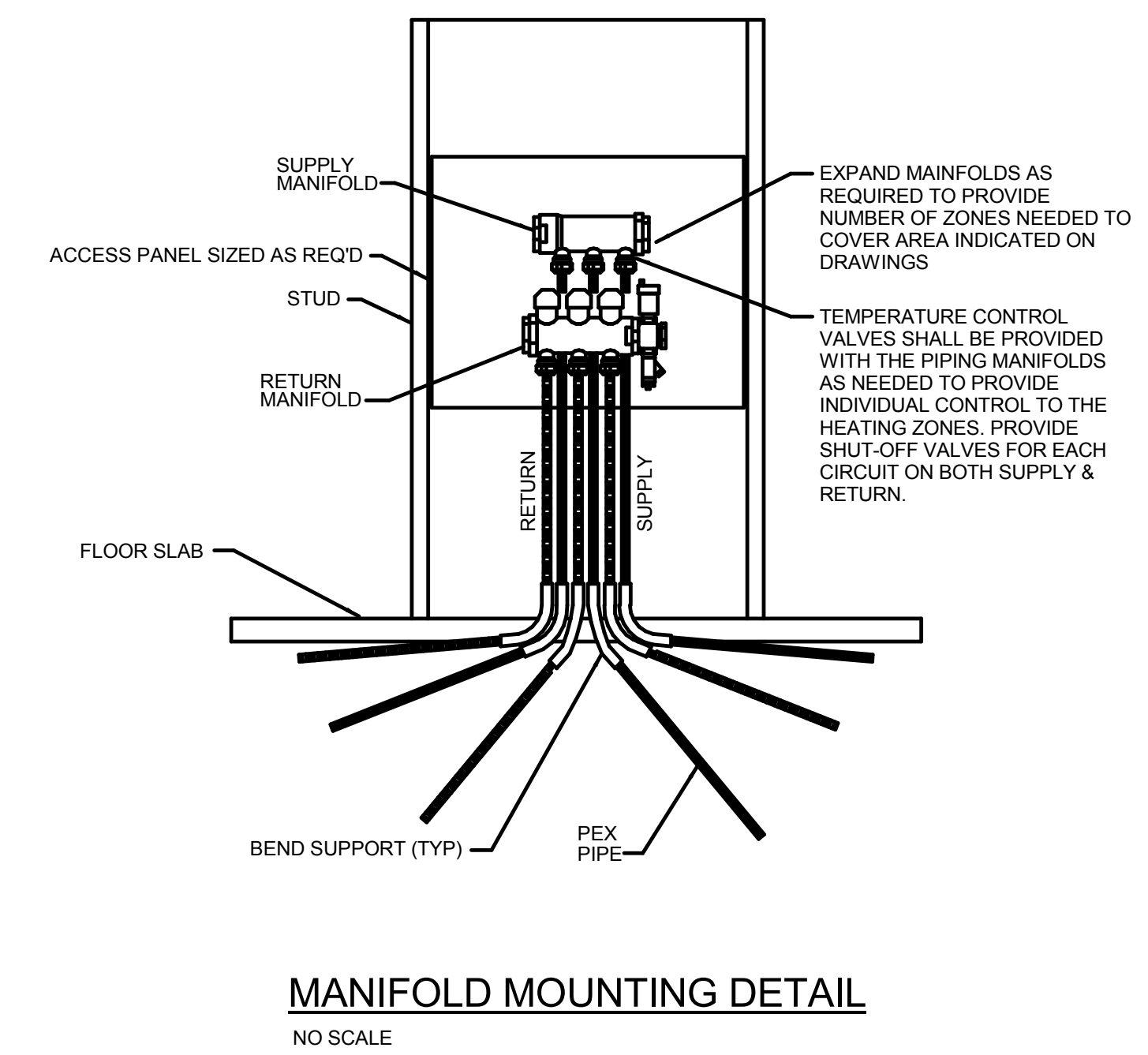
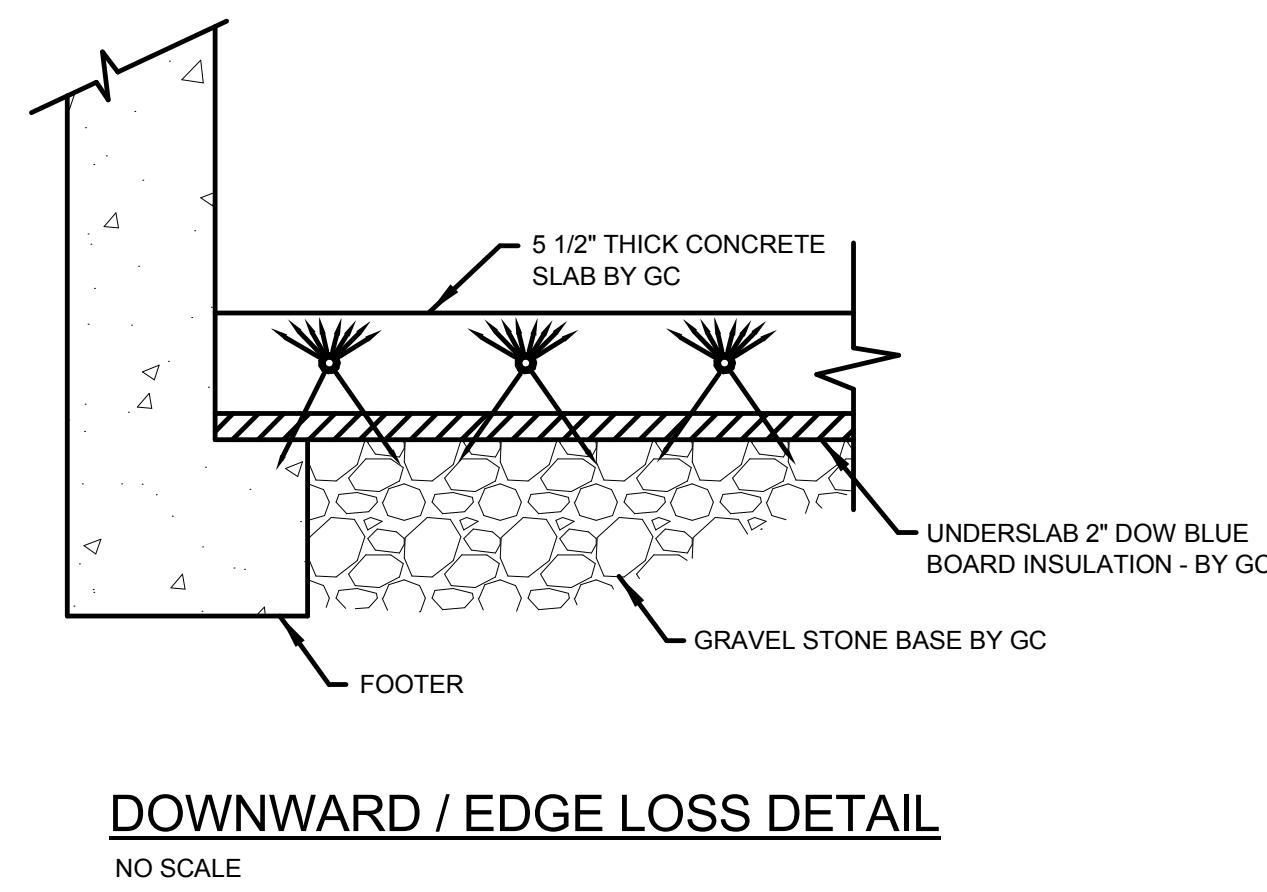
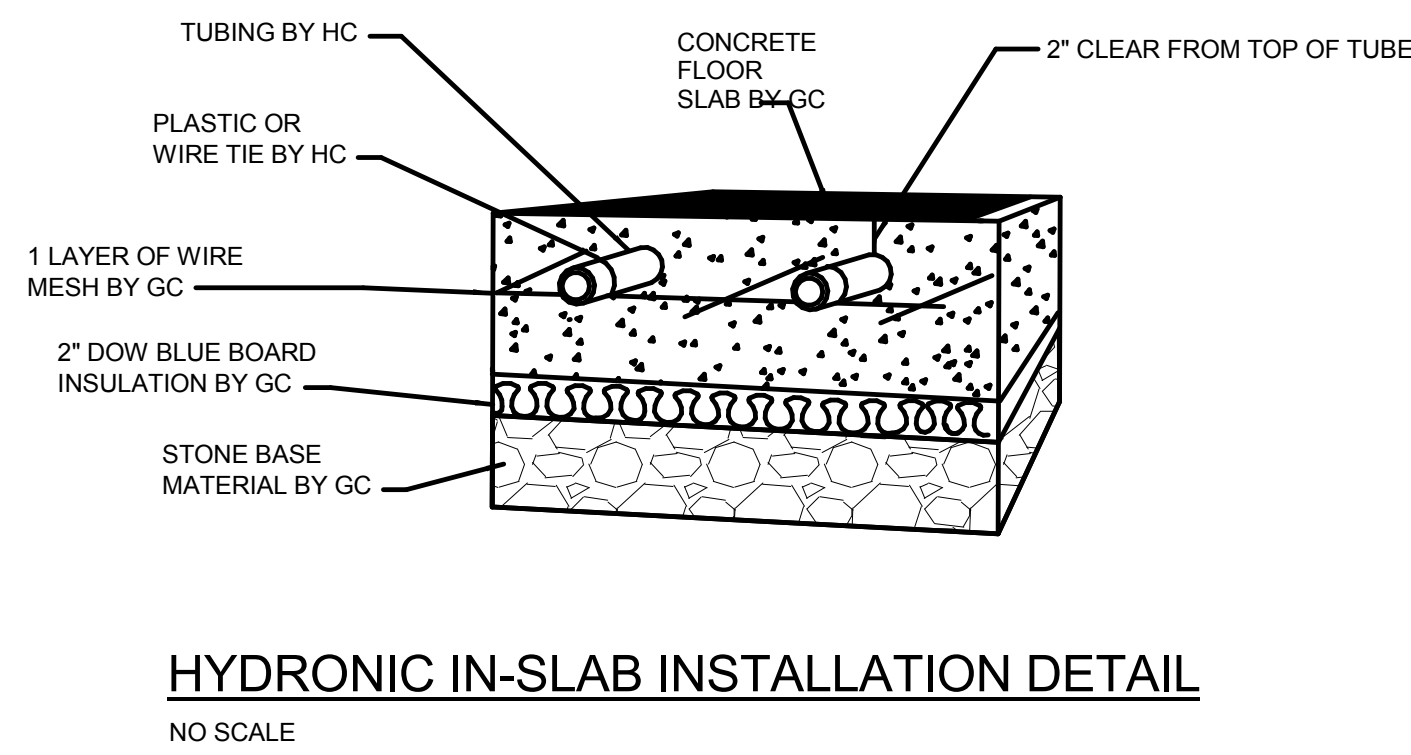
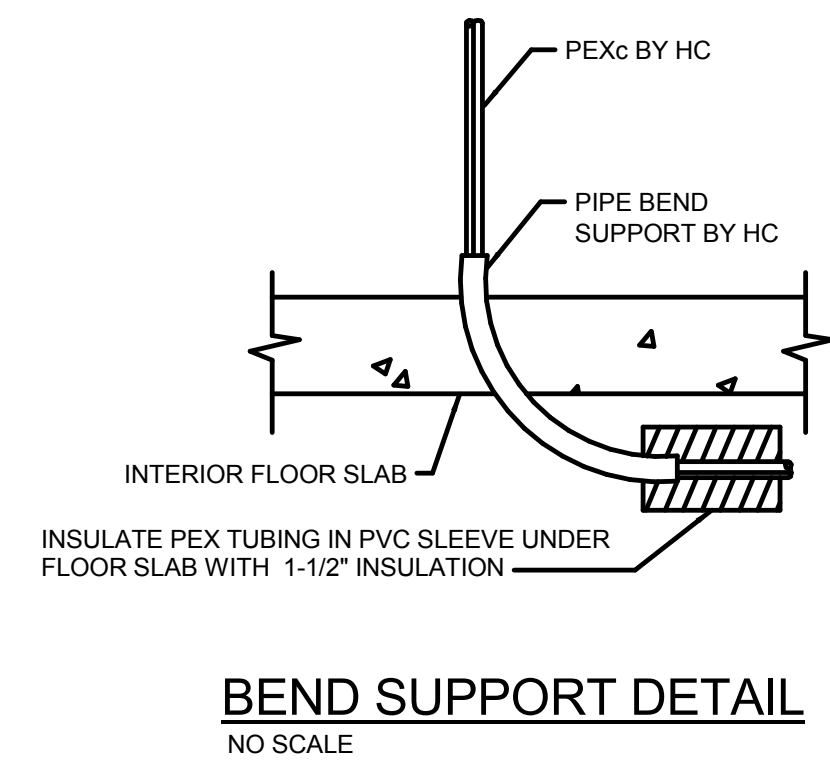
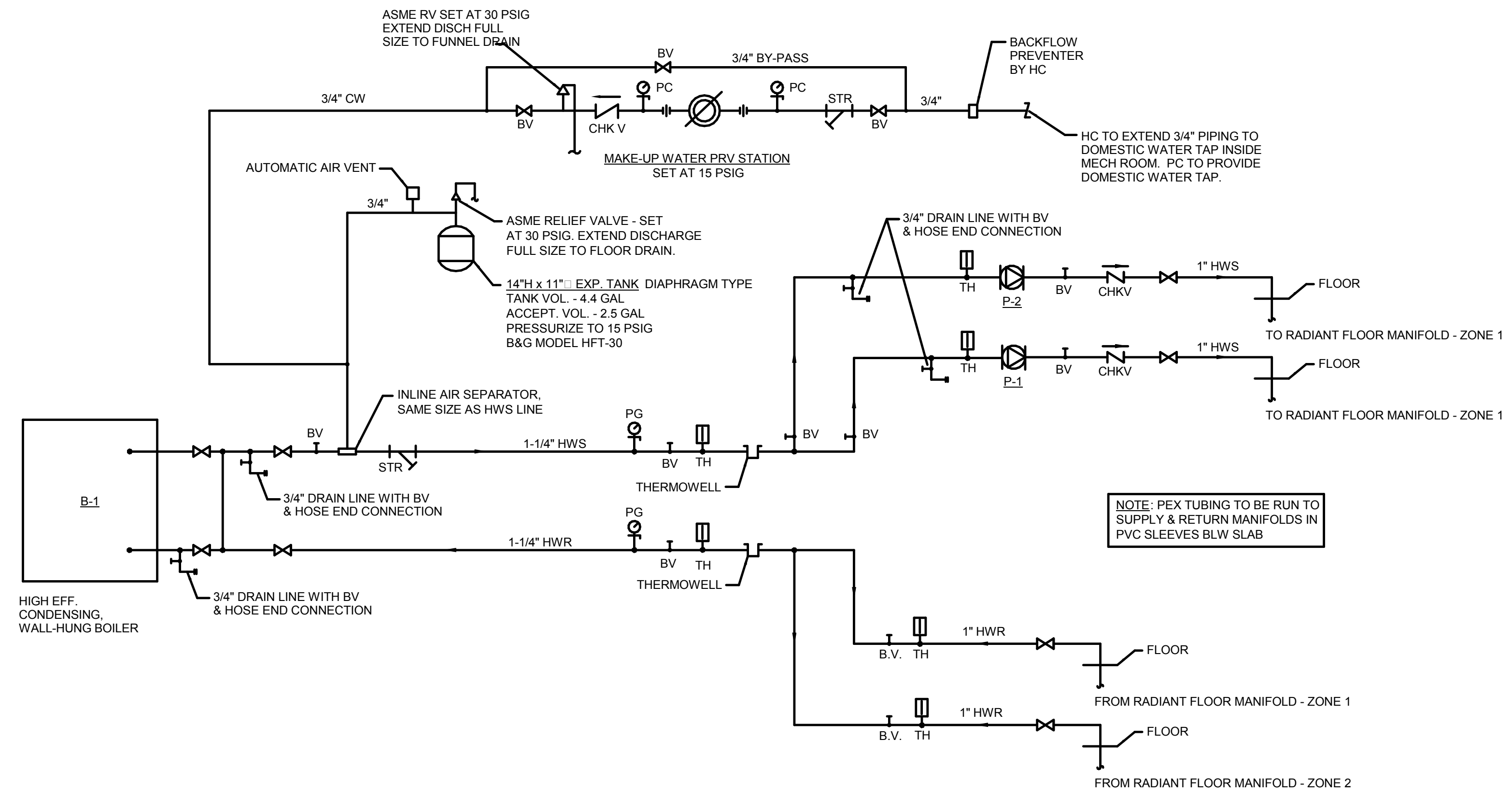
- NOTES:
- RADIANT FLOOR HEAT SYSTEM DESIGNED AROUND A 25°F TEMPERATURE DROP
 - TOTAL HOT WATER REQUIRED FOR THE RADIANT FLOOR SYSTEM IS 11.9 GPM

PUMP SCHEDULE											
PUMP NO.	PUMP DUTY	TYPE	GPM	FEET H.D.	EFF. %	BHP	MOTOR	RPM	ELEC. CHAR.	OPERATING CONDITIONS	APPROX. WT., LBS
P-1	RADIANT FLOOR ZONE #1	HONEYWELL PC3F2699 CIRCULATOR	-	-	-	-	125 W	-	120-160	GPM	6.7
			-	-	-	-	175 W	-	FT. HD.	3.6	9.5
			-	-	-	-	200 W	-	EFF.	-	
P-2	RADIANT FLOOR ZONE #2	HONEYWELL PC3F2699 CIRCULATOR	-	-	-	-	125 W	-	120-160	GPM	
			-	-	-	-	175 W	-	FT. HD.	3.4	9.5
			-	-	-	-	200 W	-	EFF.	-	

- NOTES:
- ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN EQUIVALENT MANUFACTURER, SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR COORDINATION, ADDITIONAL WORK FOR THIS OR OTHER TRADES AT NO ADDITIONAL COST TO THE PROJECT.
 - PUMPS TO BE CONSTANT VOLUME W/ THREE SPEEDS & MANUAL SELECTOR

GAS BOILER SCHEDULE									
BOILER NO.	INPUT MBH	OUTPUT MBH	NAT. GAS (CFH)	STANDARD NAT. GAS PRESSURE IN W.C.		ELECT. CHAR.	APPROX. OPER. WEIGHT (LBS)	REMARKS	
				MIN	MAX				
B-1	215	168	168	3.5"	10.5"	120-160	200		

- NOTES:
- BOILER SHALL BE AS MANUFACTURED BY BOSCH, MODEL GB142-90, WITH ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN EQUIVALENT MANUFACTURER, SHALL BE THE CONTRACTOR'S RESPONSIBILITY FOR COORDINATION, ADDITIONAL WORK FOR THIS OR OTHER TRADES AT NO ADDITIONAL COST TO THE PROJECT.
 - BOILER TO BE HIGH EFFICIENCY, WALL HUNG CONDENSING BOILER W/ DIRECT VENTING TO EXTERIOR OF BUILDING, PER MANU. RECOMMENDATIONS.



PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET, PA 15501

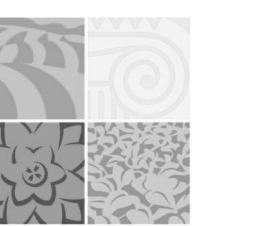
PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER AND HULL ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8444 | F: 717.263.6031
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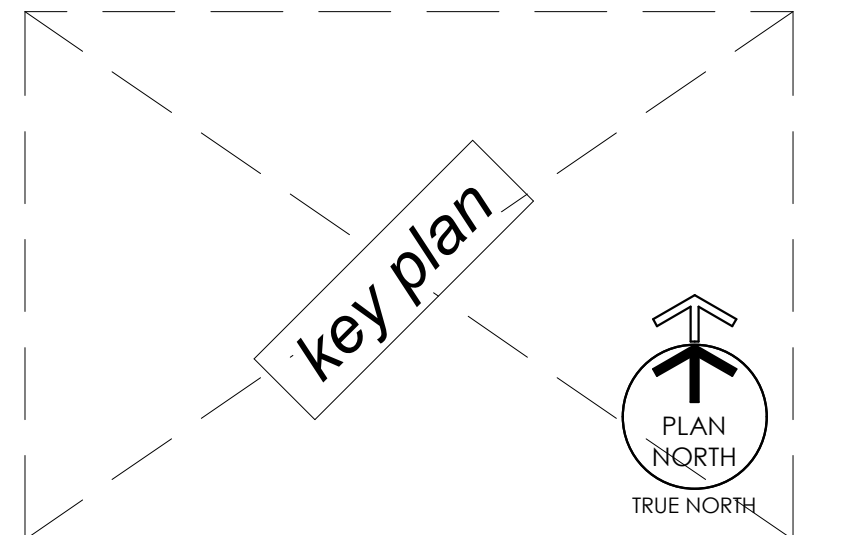
LANDSCAPE ARCHITECT

PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

PROGRESS SET

JOB NUMBER: 17044
ISSUE DATE: Issue Date
SCALE: As Indicated
SHEET TITLE:

RADIANT FLOOR PLAN

SHEET NUMBER:

H2.2

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AIR HANDLING UNIT SCHEDULE (HEAT PUMP)																														
UNIT NO.	SERVES	FAN DATA										HEATING DATA (HEAT PUMP)							COOLING DATA (HEAT PUMP)							FILTER DATA		APPROX. WEIGHT LB.	REMARKS	
		TOTAL CFM	% O.A.	O.A. CFM	FAN O.V.	INT. SP.	EXT. SP.	TOTAL SP.	BHP	HP	DRIVE	RPM	ELECT. CHAR.	MCA	E.A.T. °F	F.A.T. °F	TOT. MBH	COP	E.A.T. °F DB	L.A.T. °F WB	TOT. MBH	SENS. MBH	EER	TYPE	SP. INITIAL	SP. DIRTY				
AHU-1	-	1,600	15.3	245	1,104	0.95	0.75	1.7	0.7	1.0	BELT	1,771	230-160	8.0	59.3	81.0	37.8	3.30	77.6	64.0	55.7	54.1	47.0	38.5	10.1	2" T.A. MERV 7	0.15	0.45	350	SEE NOTES
AHU-2	-	1,720	38.7	665	1,187	1.15	0.75	1.9	0.9	1.5	BELT	1,868	230-160	9.6	42.9	75.2	60.6	3.62	81.6	66.2	53.5	52.0	72.9	53.8	11.6	2" T.A. MERV 7	0.15	0.45	350	SEE NOTES
AHU-3	-	2,100	44.3	930	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-160	9.6	39.0	70.7	72.5	3.63	82.5	66.7	53.0	52.5	89.8	68.4	11.1	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES
AHU-4	-	1,960	43.9	860	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-160	9.6	39.3	73.0	72.0	3.54	82.5	66.7	52.1	51.6	88.5	65.7	11.0	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES
AHU-5	-	2,090	43.5	910	1,449	1.15	0.75	1.9	0.9	1.5	BELT	1,950	230-160	9.6	39.0	70.8	72.5	3.63	82.5	66.7	53.0	52.5	89.8	68.4	11.1	2" T.A. MERV 7	0.15	0.45	450	SEE NOTES

- NOTES:
- HEATING CAPACITIES BASED ON 0°F AMBIENT OUTSIDE AIR
 - COOLING CAPACITIES BASED ON 90°F DB/ 75°F WB AMBIENT AIR
 - AHUS SHALL HAVE THE FOLLOWING COMPONENTS, IN THE DIRECTION OF AIRFLOW:
 - MIXING BOX/PLENUM WITH DAMPERS AND 2" - 30% FILTERS
 - HEAT PUMP HEATING/COOLING COIL
 - SUPPLY AIR FAN
 - EXTERNAL DUCT FURNACE
 - HVAC CONTRACTOR SHALL INSTALL DUCT MOUNTED SMOKE DETECTORS (DMSD) IN THE SUPPLY AND RETURN DUCTWORK FOR ALL AIR HANDLING UNITS OVER 2,000 CFM SUPPLY. ACTIVATION TO SHUT-DOWN UNIT AS REQUIRED PER IMC & NFPA.
 - UNIT TO USE HEAT PUMP FOR HEATING DOWN TO 22°F OA TEMP. & DUCT FURNACES FOR HEAT BELOW 22°F OA TEMP.
 - ALL UNITS TO BE CONTROLLED FOR MIN. OA DURING NORMAL OPERATION & 100% OA FOR ECONOMIZER OPERATION BY HC. UNIT CONTROLS TO OPERATE ALL ASSOCIATED MODS FOR PROPER OPERATION. 120V POWER FOR MODS PROVIDED BY EC.

REMOTE MOUNTED CONDENSING HEAT PUMP UNIT SCHEDULE													
UNIT NO.	SERVES	NOMINAL TONS	NO. OF COMP.	FANS	MIN. CIR. AMPS	ELEC. CHAR.	STEPS OF CONTROL	NO. OF REFRIG. CIRCUITS	EER	MAX FUSE AMPS	APPROX. WT. LB.	AMBIENT TEMP °F	REMARKS
RCU-1	AHU-1	3.5	1	1 @ 1/2 HP	22.5	208-3-60	0-50-100	1	13.3	35	600	95	
RCU-2	AHU-2	6.0	2	1 @ 1 HP	35.8	208-3-60	0-50-100	2	12.4	45	700	95	
RCU-3	AHU-3	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	
RCU-4	AHU-4	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	
RCU-5	AHU-5	7.0	2	1 @ 1 HP	36.2	208-3-60	0-50-100	2	11.6	45	900	95	

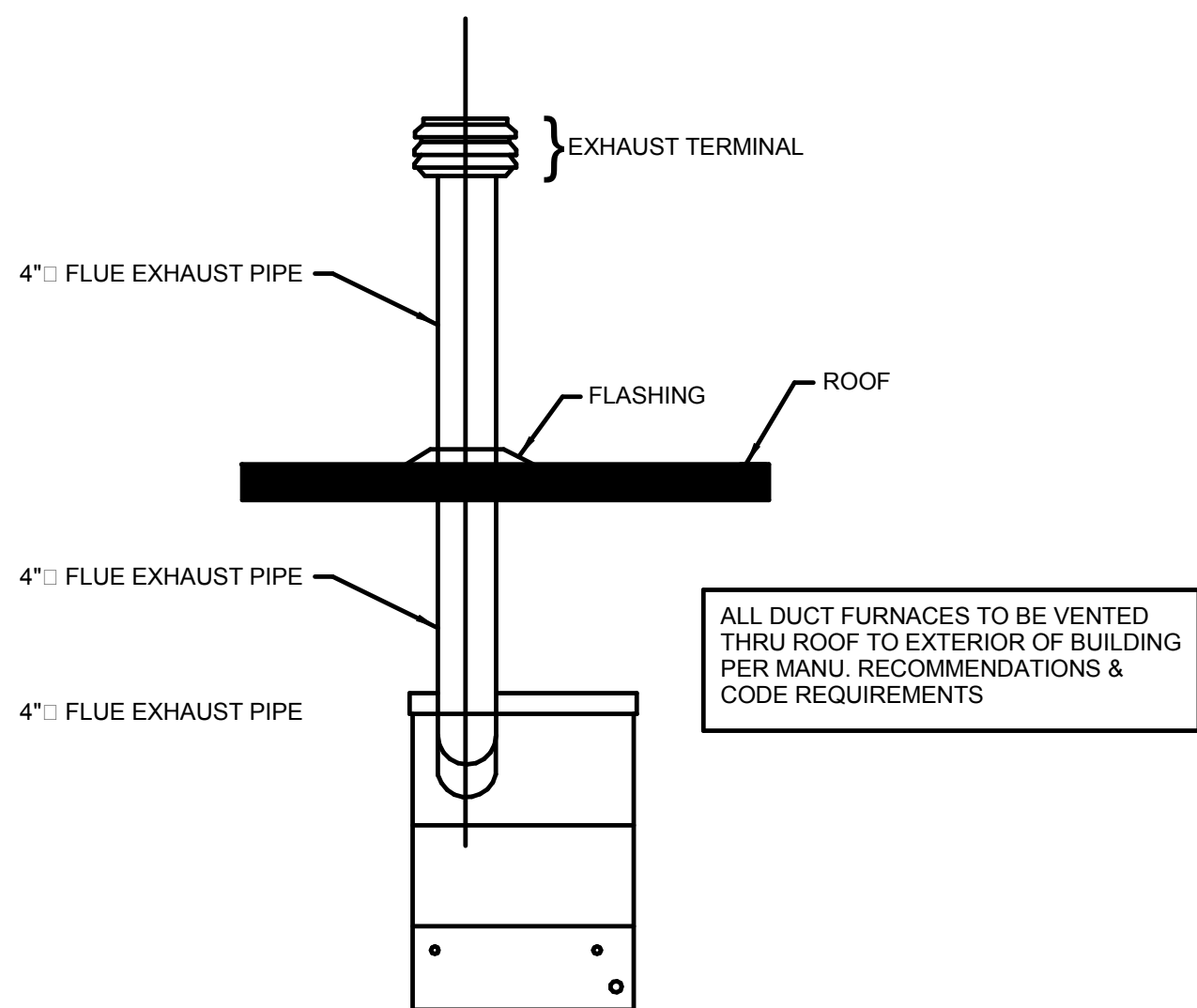
- NOTES:
- UNIT SHALL BE SIZED TO MATCH ASSOCIATED AHU
 - UNITS TO BE PLACED ON CONCRETE PADS & SUPPORTED PER MANU. RECOMMENDATIONS

EXHAUST/RELIEF FAN SCHEDULE												
NO.	SERVES	TYPE	ROOF/WALL OPENING	FAN CFM	RPM	STATIC PRESS.	TIP SPEED	OUTLET VEL. FPM	DRIVE	HP	ELECT. CHAR.	REMARKS
EF-1	TOILET ROOMS, STORAGE, JANITOR	INLINE	-	1805	1214	0.5	4627	-	DIRECT	3/4	120-1-60	SEE NOTES

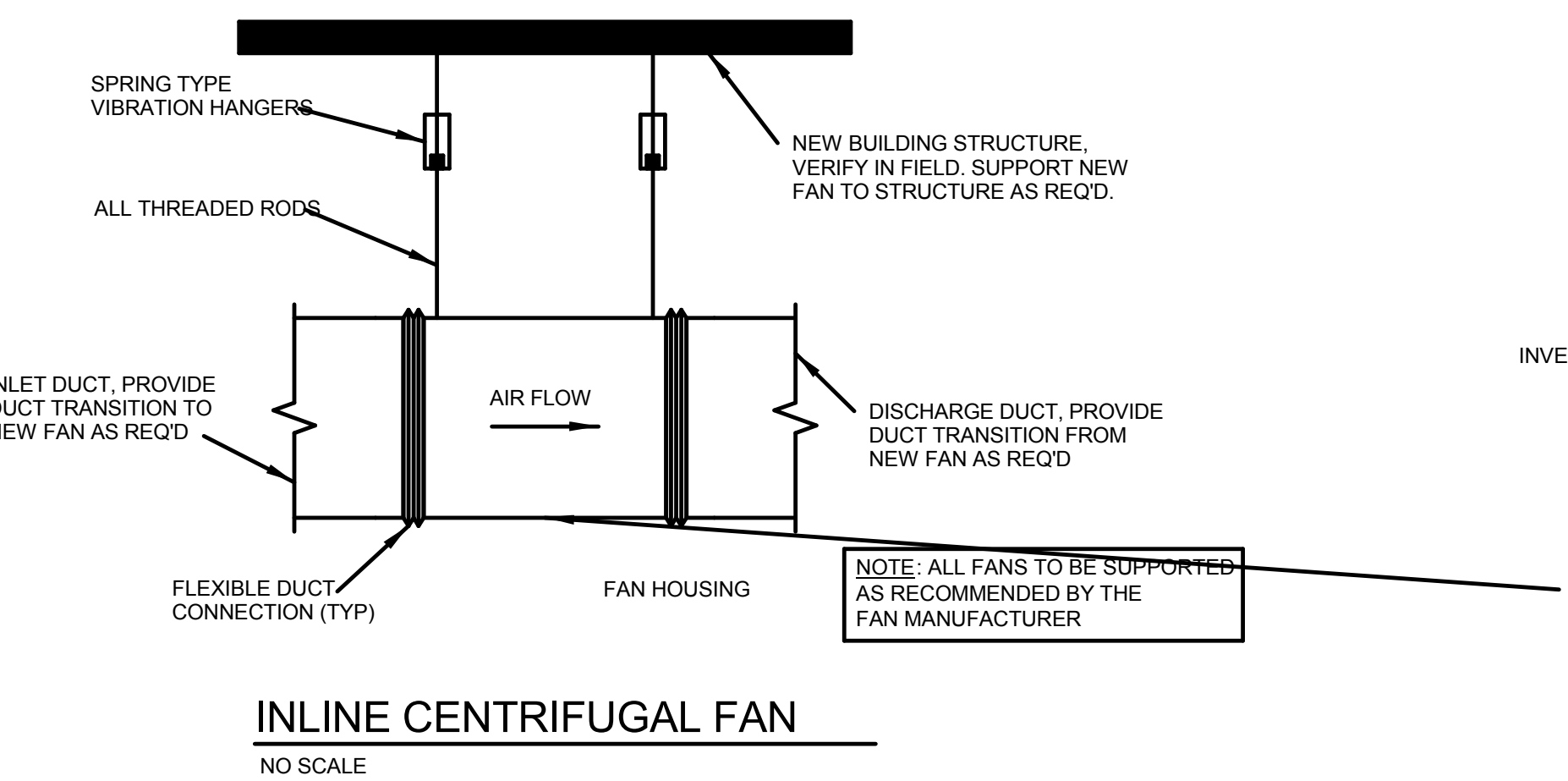
- NOTES:
- THE MANUFACTURER BASIS OF DESIGN IS GREENHECK MODEL SQ-140-VG. ANY DEVIATION FROM WHAT IS SCHEDULED, EVEN THOUGH THE MANUFACTURER IS LISTED IN THE SPECIFICATION AS AN APPROVED ALTERNATE MANUFACTURER, IT IS THE HVAC CONTRACTORS RESPONSIBILITY TO PAY FOR ANY ADDITIONAL COST TO THE ELECTRICAL CONTRACTOR RESULTING FROM ANY ELECTRICAL CHANGES AS SCHEDULED
 - ALL DIRECT DRIVE EXHAUST FANS SHALL BE FURNISHED WITH AN INTEGRAL SPEED CONTROLLER MOUNTED TO THE INSIDE OF THE FAN HOUSING TO ADJUST FAN TO PROVIDE SYSTEM CFM
 - EXHAUST FAN EF-1 TO BE CONTROLLED VIA TIME CLOCK FOR OCCUPIED/UNOCCUPIED OPERATION

GAS FIRED DUCT FURNACE										
UNIT	CFM	MAX ESP (IN.)	E.A.T. °F	F.A.T. °F	INPUT MBH	OUTPUT MBH	ELECT. CHAR.	FLA	GAS CONN.	WEIGHT
DF-1	1600	0.20	59.3	94.0	75	60	120-1-60	2.0	1/2"	110 LB
DF-2	1720	0.20	42.9	96.7	125	100	120-1-60	2.0	1/2"	130 LB
DF-3	2100	0.20	39.0	99.0	170	136	120-1-60	2.0	1/2"	150 LB
DF-4	1960	0.20	39.3	92.2	140	112	120-1-60	2.0	1/2"	130 LB
DF-5	2090	0.20	39.0	99.2	170	136	120-1-60	2.0	1/2"	150 LB

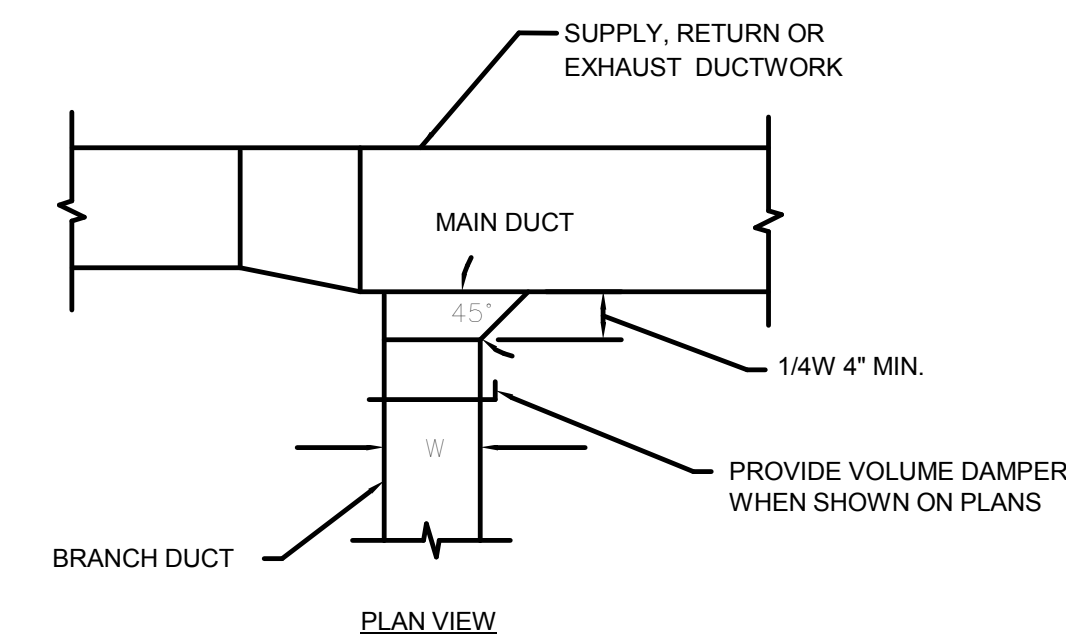
- NOTES:
- INSTALL PER MANU. RECOMMENDATIONS
 - DUCT FURNACES TO BE VENTED UP THRU ROOF PER MANU. RECOMMENDATIONS
 - COMBUSTION AIR FOR DUCT FURNACES TO BE DRAWN FROM VENTILATED ATTIC SPACE



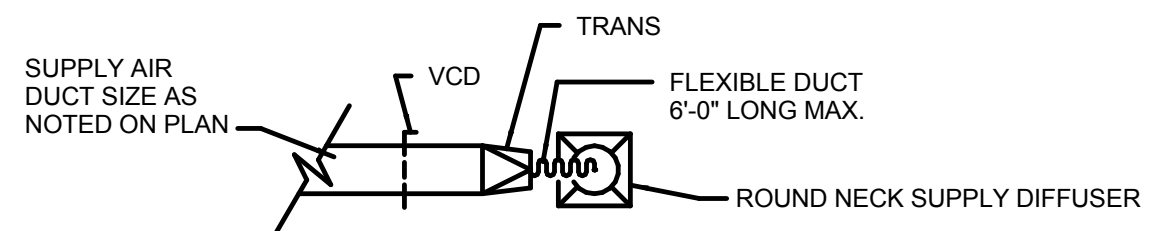
DUCT FURNACE VERTICAL VENT TERMINAL
NO SCALE



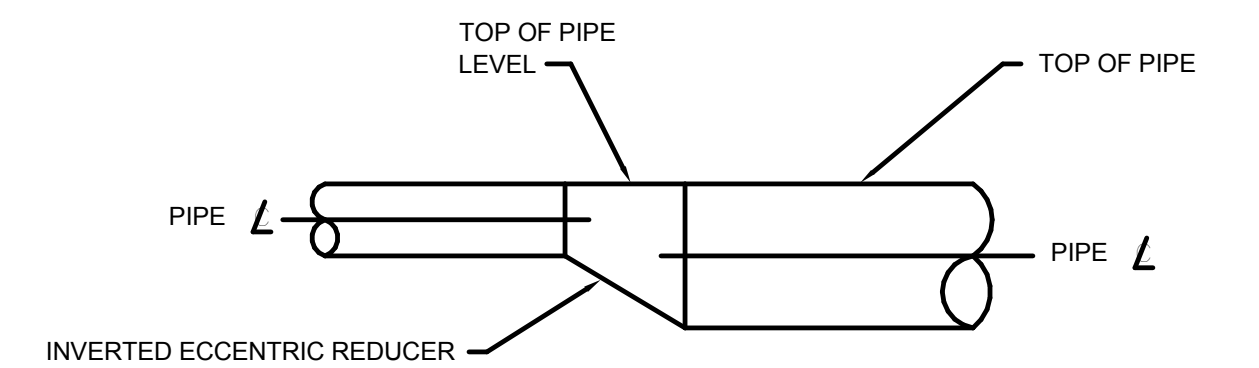
INLINE CENTRIFUGAL FAN
NO SCALE



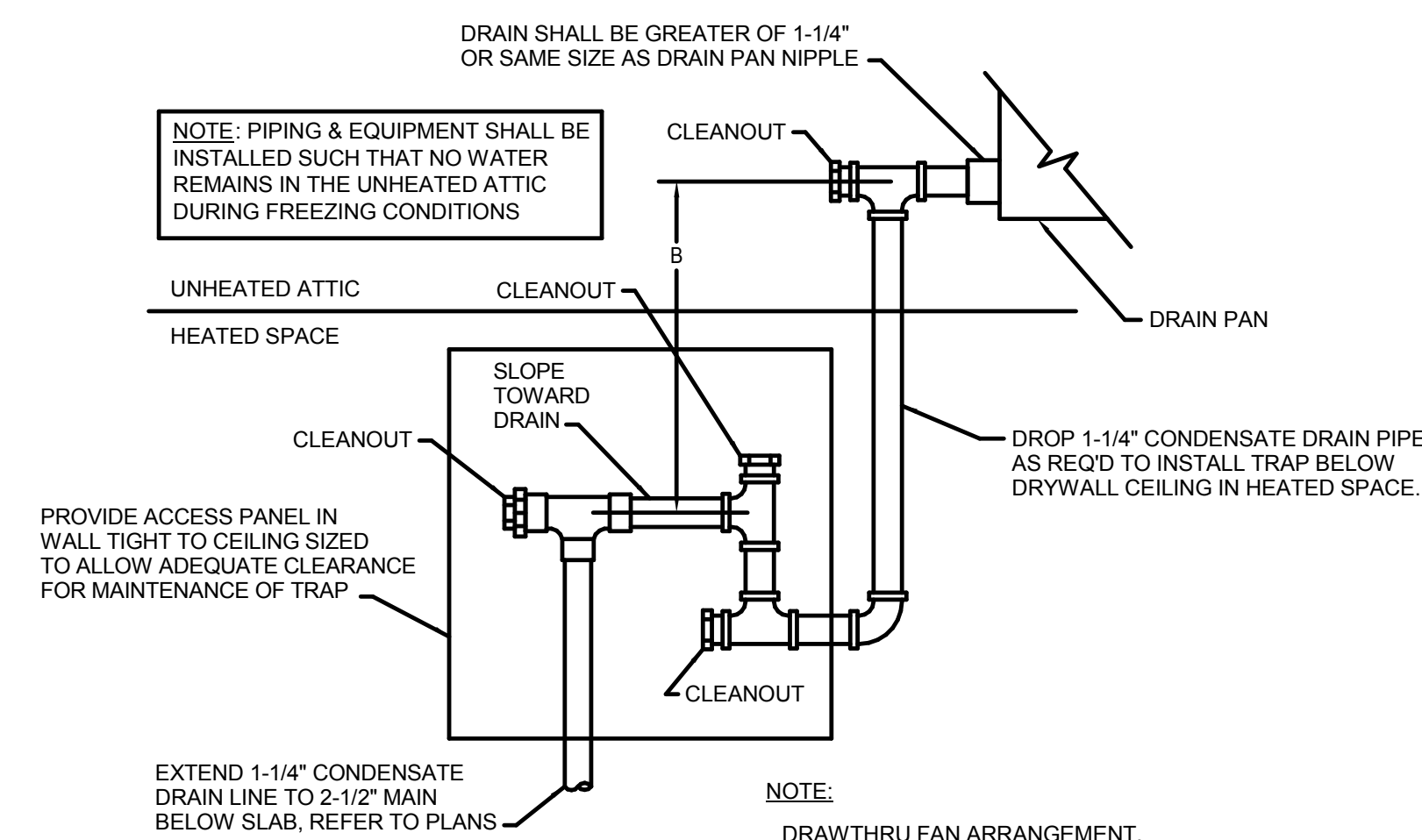
BRANCH DUCT CONNECTION DETAIL
NO SCALE



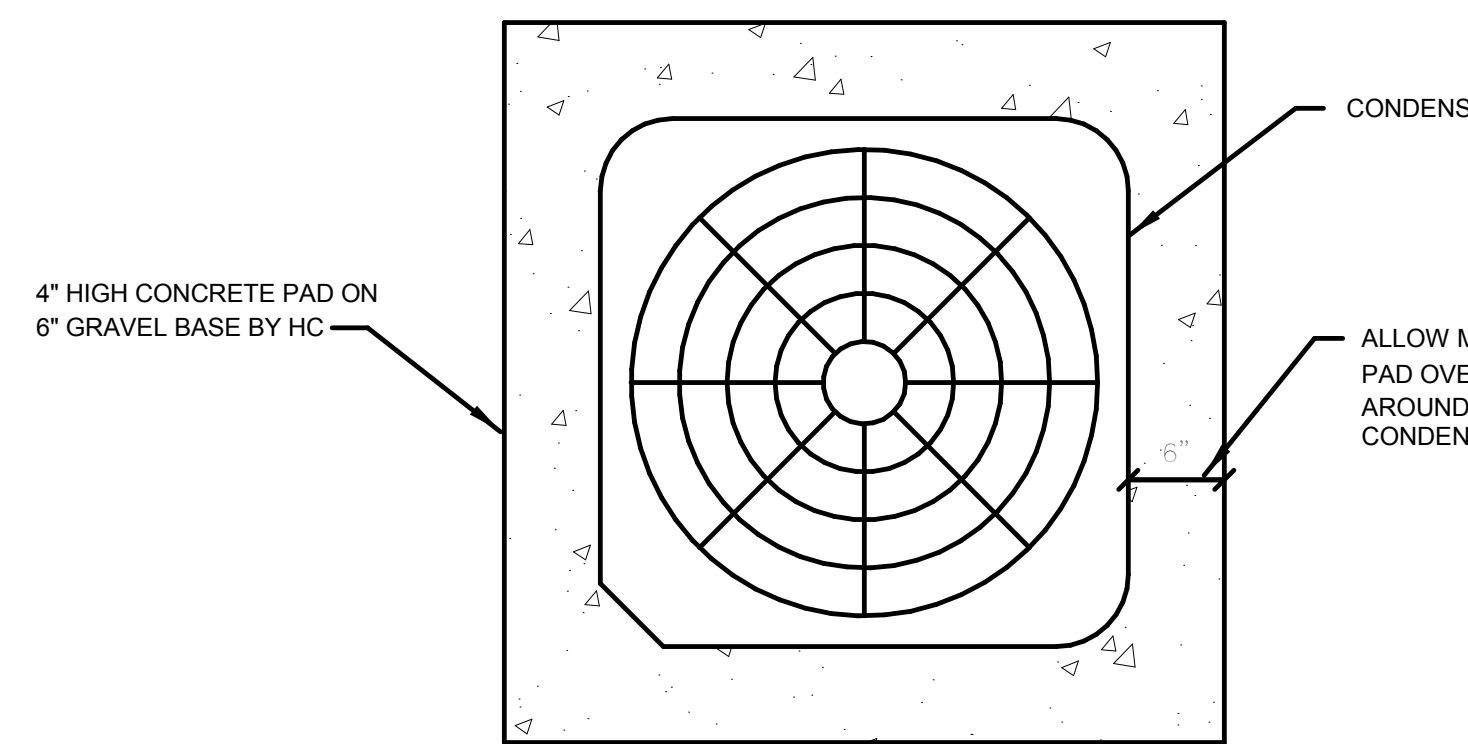
ROUND NECK SUPPLY DIFFUSER DETAIL (OPTIONAL)
NO SCALE



TYPICAL PIPE SIZE CHANGE FOR WATER
NO SCALE



CONDENSATE DRAIN TRAP DETAIL
NO SCALE



REMOTE CONDENSING UNIT MOUNTING PAD DETAIL
NO SCALE

NOTE: REFER TO DRAWING H1.1 FOR EQUIPMENT SCHEDULES FOR RADIANT FLOOR HEATING SYSTEM

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT



NOELKER AND HULL ASSOCIATES, INC.

ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8444 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

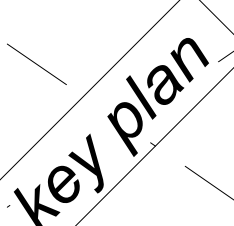
LANDSCAPE ARCHITECT

PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

PROGRESS SET

JOB NUMBER: 17044
ISSUE DATE: Issue Date
SCALE: 12" = 1'-0"
SHEET TITLE:

SCHEDULES

SHEET NUMBER:

H3.0

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE FACILITY

PROJECT ADDRESS

231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER

ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.

A R C H I T E C T S

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

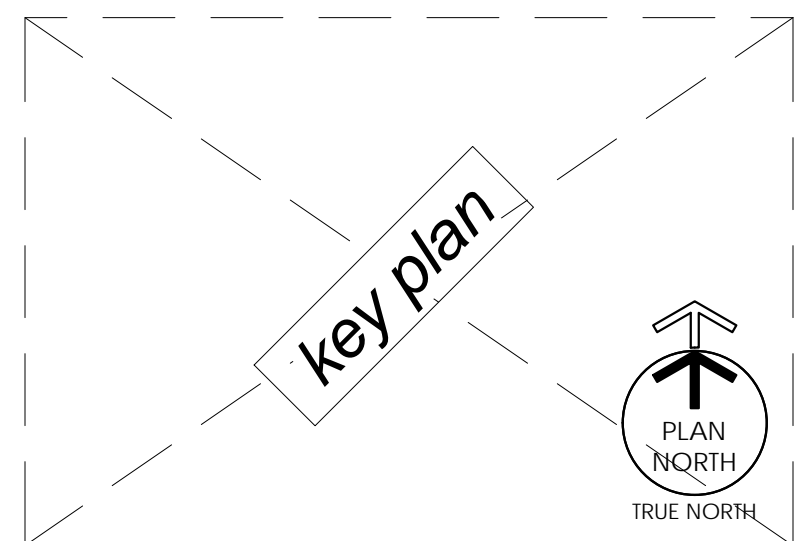
LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

PROJECT STATUS

PROGRESS SET

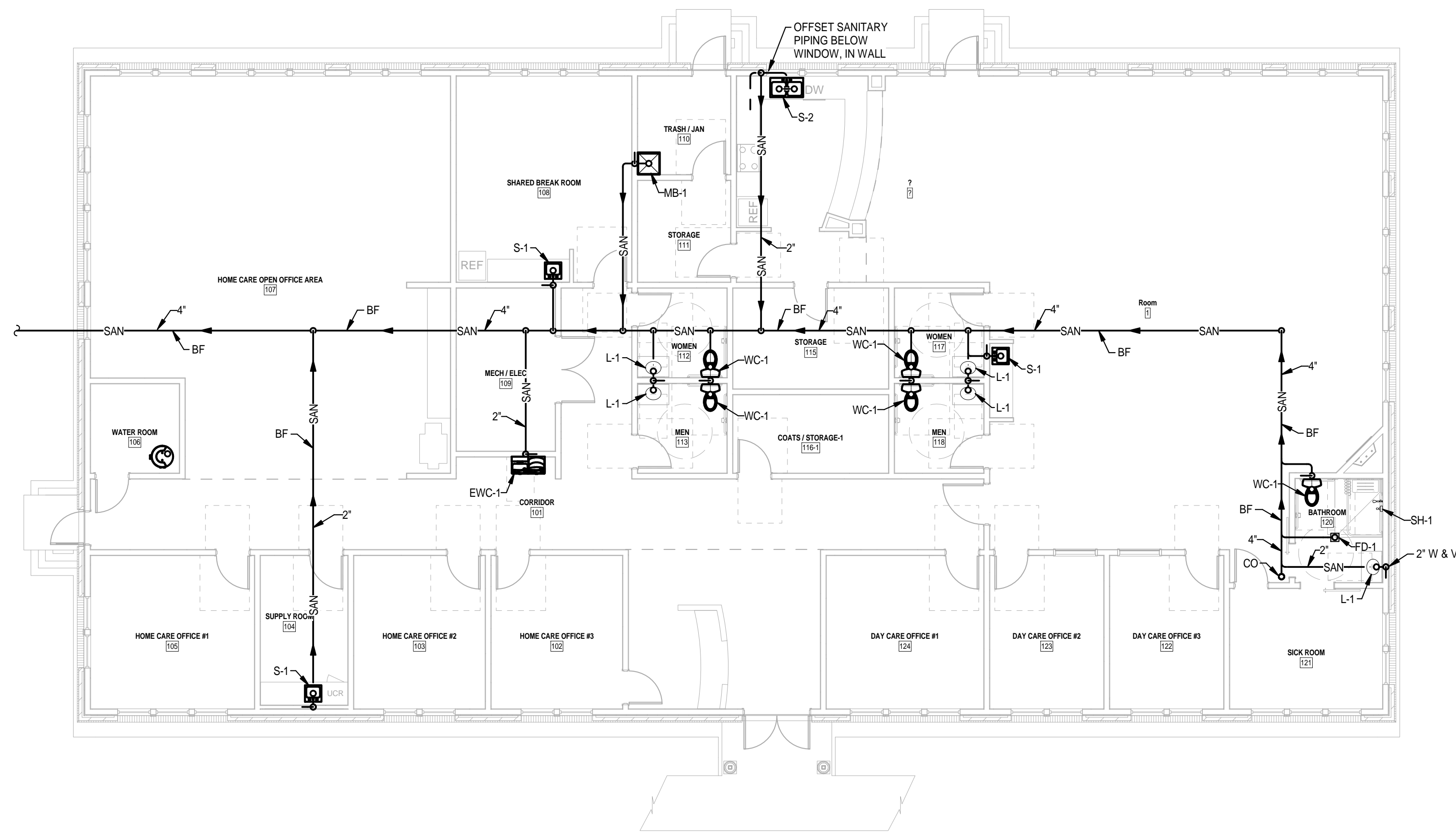
JOB NUMBER:	17044
ISSUE DATE:	Issue Date
SCALE:	
SHEET TITLE:	

PLUMBING COVER SHEET

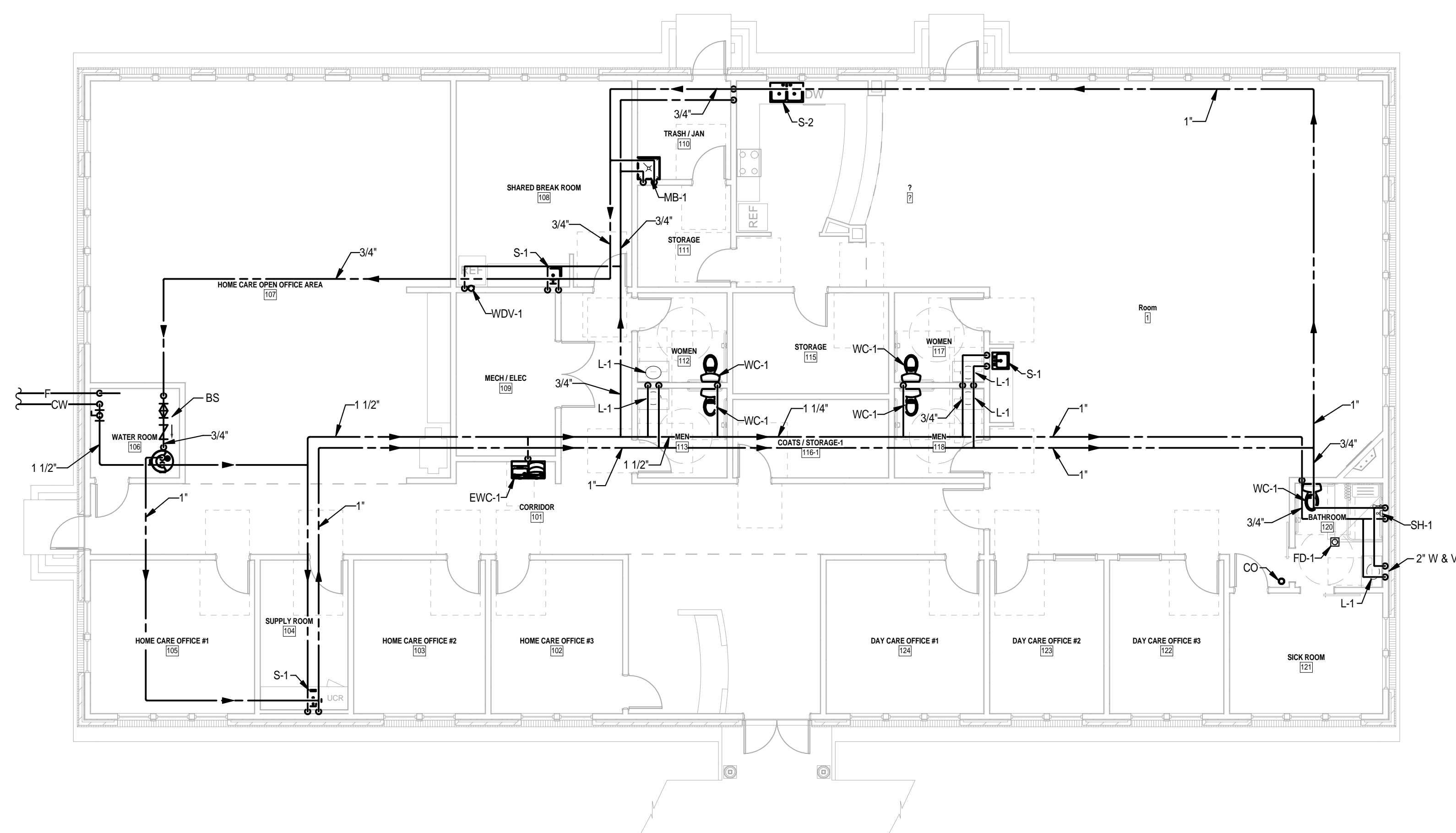
SHEET NUMBER:

PO.1

WINDOW ELEVATIONS
DO NOT ERASE!



1 FIRST FLOOR PLAN - SANITARY & VENT PIPING
1/8" = 1'-0"



2 FIRST FLOOR PLAN - WATER & GAS PIPING
1/8" = 1'-0"

PROJECT INFORMATION

PROJECT TITLE

ADULT DAYCARE
FACILITY

PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

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NOELKER
AND HULL
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
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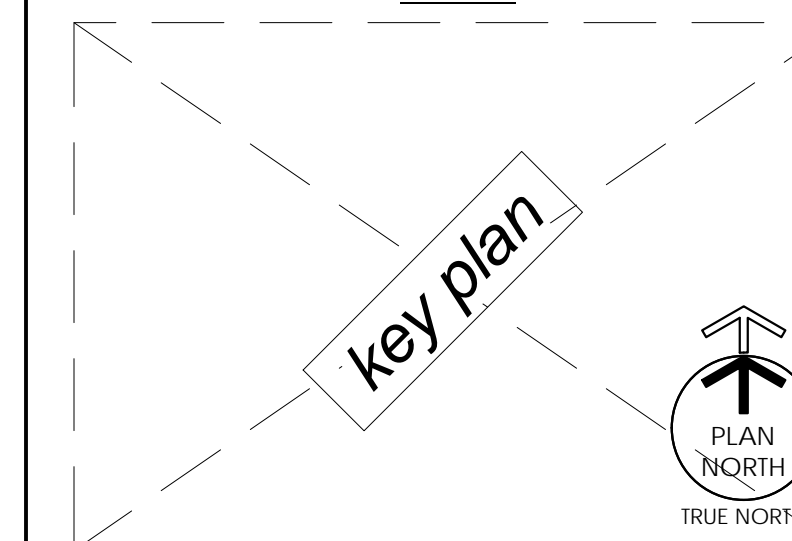
LANDSCAPE ARCHITECT

PROGRESS SET
NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #	DESCRIPTION	DATE

PROJECT STATUS

PROGRESS SET

JOB NUMBER:	17044
ISSUE DATE:	Issue Date
SCALE:	1/8" = 1'-0"
SHEET TITLE:	FLOOR PLANS - PLUMBING

SHEET NUMBER:

P2.1

POWER

Table of electrical symbols for power, including Distribution Panelboard, New Panelboard (Surface/Recessed), Existing Panelboard, Generator, Transient Voltage Surge Suppressor, Transformer, Power Supply, Control Panel, Time Clock, Astronomical Time Clock, Relay, Junction Box, Junction Box - Ceiling, Pull Box, Bus Duct (Horizontal/Vertical), Emergency Power Off Push Button, Non-Fusible Safety Switch, Fusible Safety Switch, Enclosed Circuit Breaker, Motor Starter, Combination Starter/Disconnect, Variable Frequency Drive, Motor, Motor Starting Switch, Key Switch, Fan Coil, Unit Heater, Cabinet Heater, Unit Ventilator, Electric Baseboard, Hand Dryer, Junction Box for Range Hood, Light/Heater/Fan, and Projection Screen Wiring Connection.

RECEPTACLES

Table of electrical symbols for receptacles, including Single 125V-20A, Duplex 125V-20A, 250V 2-Pole, 3-Wire Receptacle (X), Duplex Receptacle Bottom Half Switched, Duplex Receptacle Ground Fault Interrupter Type, Duplex Receptacle on Dedicated Circuit for Computer Loads, Duplex Receptacle Ground Fault Interrupter Weather Resistance Type, Double Duplex Receptacle, Isolated Ground Duplex Receptacle, Duplex Receptacle for Microwave, Duplex Receptacle Explosion Proof Type, Receptacle Electric Water Cooler Ground Fault Interrupter Type, Special Receptacle - Coordinate Exact Type with Equipment at Site, 250V - 2 Pole, 3 Wire, 30A Single Receptacle, 125/250V - 3 Pole, 3 Wire 30A Single Receptacle, 125/250V - 2 Pole, 3 Wire 50A Single Receptacle, 125/250V - 3 Pole, 4 Wire 50A Single Receptacle, Fire Rated Poke-Thru Receptacle, Flush Floor Box with Duplex Receptacle & Tele/Data Outlet and Cover Plate, Plug Strip, and Indicator Mount Device 6"-8" Above Counter Top.

LIGHTING

Table of electrical symbols for lighting, including Lighting Fixture (see fixture schedule), Normal/Emergency Lighting Fixture (see fixture schedule), Downlight, Lighting Fixture on Normal/Emergency, Wall Washer, Wall Mounted Light Fixture, Chandelier, Interior Directional Lighting Fixture, Track Lighting, Light Fixture with Center Lamp on Normal/Emergency Circuit & Outside Lamps, Exit Sign - Directional Arrows as Indicated on Drawings, Battery Pack with Heads as Indicated on Drawings, Remote Head for Battery Pack, Single Pole Switch, 3-Way Switch, 4-Way Switch, Key Switch, Pilot Light Switch, Hand-Off Auto Switch, Single Pole Double Throw, Center Off Toggle Switch, Emergency Power Off Switch, Dimmer Switch, Timer Switch, Ceiling Mounted Occupancy Sensor, Wall Mounted Occupancy Sensor, PhotoCell Voltage to Match Circuitry, Lighting Contactor, Bollard, Pole Mounted Site Lighting Fixture (Number of fixtures per pole as indicated on drawings), Pole Top Mounted Site Lighting Fixture, and Exterior Directional Lighting Fixture.

TELECOMMUNICATIONS

Table of electrical symbols for telecommunications, including Telephone Outlet(s), Data Outlet(s), Combination Telephone/Data Outlet(s), Wall MTD Telephone Outlet, Floor Box with Telephone Outlet and 3/4" Raceway, Floor Box with Data Outlet and 3/4" Raceway, Floor Box with Telephone and Data Outlets, Indicators for number of telephone outlets and data outlets, Data Outlet for Wireless Access Point, Telecom Outlet for Wireless Access Point, Fire Rated Poke-Thru with Tele/Data Outlet, Main Distribution Frame Equipment Rack, Intermediate Distribution Frame Equipment Rack, Copper Conductor Protection Module Panel, Wall Mounted Distribution Equipment, Telephone Terminal Board, and CATV Terminal Board.

SECURITY & DOOR CONTROL

Table of electrical symbols for security and door control, including Security System Control Panel, Automated Dialer Communicator, Security Camera, Security Camera in Bubble, Security Monitor, Motion Sensor, Glass Break, Sound Sensor, Door/Security Annunciator, Quad PID Module, Card Reader, Keypad, Push Button Door Release, Door Open Push-Button, Automatic Door Push-Button Station, Request for Exit, Door Contact, Electric Strike, Electromagnetic Door Lock, Electromagnetic Door Holder, Lock Down, and PA System Equipment Rack.

MISCELLANEOUS

Table of electrical symbols for miscellaneous, including Branch Circuit Wiring (Concealed in Walls or Above Ceiling), Branch Circuit Wiring (Under Floor), Home Run Back to Panel, Conduit Exposed on Walls or Ceiling, Existing Conduit to be Removed, Conduit Turned Down, Conduit Turned Up, Low Voltage Wiring and Conduit, Horizontal Run of Surface Metal/Non-Metallic Raceway, Vertical Run of Surface Raceway, Cable Tray, and Horizontal Conduit Sleeve.

GENERAL PROJECT NOTES:

Table of abbreviations and denotations, including ADM (Administrator), AFF (Above Finished Floor), C (Ceiling Mounted), CATV (Community Antenna Television), CCTV (Closed Circuit Television), CFF (Coffee Maker), CH (Chime), CO (Center Off), DD (Double Device), DFO (Double Faced Device), DO (Door Open), E (Emergency), EC (Electrical Contractor), EPO (Emergency Power Off), EWC (Electric Water Cooler), EXP (Explosion Proof), F (Fire Alarm), FF (Flush Floor Mounted), FL (Fluorescent), FO (Fiber Optic), FSS (Fused Safety Switch), G (Ground Fault Interrupter), GC (General Contractor), HOA (Hand-Off Auto), I (Infrared), IC (Incandescent), IG (Isolated Ground), K (Key), NE (Normal/Emergency), NFSS (Non-Fused Safety Switch), P (Panic / Code Blue), PA (Paging System), PAY (Pay Telephone), PL (Pilot Light), PLC (Plumbing Contractor), PR (Present to Remain), REF (Refrigerator), REL (Relocate), RED (Relocated), S (Sound System), SEC (Security System), SL (Single Line), SS (Surge Suppression), T (Telephone), TL (Twist Lock), TR (Tampers Resistant), U (Ultrasonic), UGC (Underground Communications), UGE (Underground Electric), UF (Underground Fiber), UT (Underground Telephone), W (Wall Mounted), WG (Wire Guard), WP (Weatherproof), WPG (Weatherproof/Ground Fault Interrupter), WT (Water Tight), and XR (Exists to be Removed).

GENERAL PROJECT NOTES:

- 1. UNLESS OTHERWISE NOTED, PROVIDE ALL EQUIPMENT SHOWN ON THE PLANS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL SYMBOLS SHOWN ON THE PLANS WITH THE SYMBOL LIST. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE INTENT OF ANY SYMBOL THAT IS SHOWN ON THE PLANS AND NOT INDICATED ON THE SYMBOL LIST WITH THE ELECTRICAL ENGINEER.
2. COORDINATE THE FINAL LOCATIONS OF ALL LIGHT FIXTURES WITH THE ARCHITECT'S REFLECTED CEILING PLANS. REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO INSTALLATION.
3. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES WITHIN THE CONSTRUCTION AREA THREE (3) WORKING DAYS NOTICE BEFORE COMMENCE DISGING. NOTIFY THE LOCAL OR STATE AUTHORITY HAVING JURISDICTION AND WAIT THE REQUIRED TIME BEFORE COMMENCING TO DIG.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PROFESSIONAL IF A SYMBOL IS USED ON THE PROJECT BUT DOES NOT SHOW IN THE SYMBOL LIST PRIOR TO BID.
5. THE CONTRACTOR SHALL COORDINATE CONDUIT RUNS, CABLE TRAY, LIGHTING FIXTURES AND OTHER EQUIPMENT LOCATIONS WITH THE OTHER TRADE CONTRACTORS TO AVOID CONFLICTS.

EXISTING CONDITIONS/DEMOLITION NOTES:

- 1. CONDUIT/WIRING THAT MAY BE CONCEALED IN WALLS THAT ARE BEING REMOVED (WHETHER OR NOT SUCH CONDUIT/WIRING IS SPECIFICALLY INDICATED) SHALL BE CAPPED AT THE APPROPRIATE LOCATION UNLESS SUCH CONDUIT/WIRING MUST REMAIN AS PART OF AN ACTIVE SYSTEM. THE STATUS OF SUCH CONDUIT/WIRING AS TO BE ACTIVE OR INACTIVE SHALL BE VERIFIED BY THIS CONTRACTOR BEFORE ANY DISCONNECTION, CAPPING, OR RELOCATION WORK IS PERFORMED. EXISTING CONDUIT/WIRING THAT MUST REMAIN AS A PART OF AN ACTIVE SYSTEM SHALL BE RELOCATED AND REARRANGED AS REQUIRED TO MAINTAIN CONTINUITY OF THAT CIRCUIT, UNLESS NOTED OTHERWISE. ALL SUCH CONDUIT/WIRING SHALL BE CONCEALED.
2. CUT, PATCH, AND RESTORE ALL OPENINGS IN EXISTING STRUCTURE REQUIRED FOR ELECTRICAL WORK. CONTRACTOR SHALL ALSO REMOVE PORTIONS OF EXISTING CEILINGS, WALLS, AND FLOORS NECESSARY FOR REMODELING AND RESTORING SUCH CEILINGS, WALLS AND FLOORS AFTER ELECTRICAL WORK INSTALLATION IS COMPLETE.
3. E.C. SHALL BE RESPONSIBLE FOR TEMPORARILY FEEDING AND BACKFEEDING ELECTRICAL DISTRIBUTION EQUIPMENT, PANELBOARDS, BRANCH CIRCUITS, SYSTEMS AND ANY OTHER ELECTRICAL EQUIPMENT TO MAINTAIN CONTINUITY DURING VARIOUS PHASES OF CONSTRUCTION. COORDINATE WORK WITH NEW WORK DRAWINGS.
4. MAINTAIN CONTINUITY OF FIRE ALARM, SECURITY AND ALL SYSTEMS AS REQUIRED DURING VARIOUS PHASES OF WORK.
5. WIRING FOR CONTINUITY OF POWER AND SYSTEMS ADJACENT AREAS SHALL REMAIN UNDISTURBED OR BE RECONNECTED AS REQUIRED TO MAINTAIN SERVICE. PATCH AND PAINT ALL OPENINGS LEFT IN EXISTING CONSTRUCTION TO MATCH SURROUNDING CONSTRUCTION.
6. REMOVE ABANDONED CONDUIT, WIRE, JUNCTION BOXES, WORK LIGHTS, ETC WITHIN DEMOLITION AREA EVEN THOUGH THEY ARE NOT SHOWN ON PLAN.
7. THE CONTINUITY OF EXISTING CIRCUITS THAT MAY BE INTERRUPTED BY THE ALTERATIONS, EVEN THOUGH THEY MAY NOT BE INDICATED ON THE PLAN SHALL BE MAINTAINED.
8. THE REMOVAL OR RELOCATION OF EXISTING ELECTRICAL EQUIPMENT PRESENTLY CONCEALED IN EXISTING CONSTRUCTION SHALL BE COORDINATED WITH THE OWNER PRIOR TO REMOVAL OR RELOCATION.

GENERAL ELECTRICAL NOTES:

- 1. COMPLY WITH "GENERAL CONDITIONS" SET FORTH IN THE DOCUMENTS.
2. WORK SHALL COMPLY WITH LATEST EDITION OF THE NATIONAL ELECTRICAL CODE.
3. OBTAIN AND PAY FOR ALL PERMITS REQUIRED BY LOCAL ORDINANCES.
4. GUARANTEE THE ELECTRICAL WORK FOR ONE YEAR FROM DATE OF FINAL CERTIFICATE.
5. SUBMIT SHOP DRAWINGS FOR EQUIPMENT.
6. SALVAGED ELECTRICAL EQUIPMENT, NOT DESIGNATED BY THE OWNER FOR HIS USE, SHALL BE REMOVED FROM THE PREMISES BY THIS CONTRACTOR.
7. PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE TO EXAMINE FIRST HAND THE EXISTING CONDITIONS. ANY CLARIFICATIONS REQUIRED SHALL BE REQUESTED AT THAT TIME.
8. REMOVE ALL DEAD WIRE, CONDUIT, AND BOXES NOT NECESSARY TO THE NEW LAYOUT.
9. ALL NEW WIRING REQUIRED SHALL BE IN EMT CONDUIT WITH COMPRESSION FITTINGS.
10. CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS AND LABOR REQUIRED TO PERFORM THIS WORK IN A NEAT AND WORKMANLIKE MANNER WITH ALL DEBRIS REMOVED FROM THE BUILDING. HE SHALL EXERCISE CARE TO CREATE A MINIMUM AMOUNT OF DUST AND DIRT AND SHALL PROVIDE DROP CLOTHS AND OTHER DUST PROOFING MATERIAL TO PREVENT DUST AND DIRT FROM ENTERING OTHER PARTS OF THE BUILDING OR DAMAGING EQUIPMENT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR ALL DAMAGE CAUSED BY HIM, HIS EMPLOYEES OR SUB-CONTRACTORS AND SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF THE SAME WITHOUT ADDITIONAL COMPENSATION.
11. NO POWDER ACTUATED FASTENING DEVICE SHALL BE USED WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
12. THE CONTRACTOR AND HIS SUB-CONTRACTORS SHALL KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL. AT THE END OF EACH DAY THE WORK AREA SHALL BE LEFT IN A CLEAN CONDITION AS DEFINED BY THE ARCHITECT.
13. DURING ANY DRILLING OPERATION, AN INDUSTRIAL TYPE VACUUM MUST BE USED TO ELIMINATE DUST. IN ADDITION, A PLUNGER HEAD OR EQUIVALENT MUST BE USED WITH THE DRILL AND VACUUM WHEN DRILLING OVERHEAD.
14. PROVIDE AS-BUILT DRAWINGS TO OWNER UPON COMPLETION OF THE PROJECT.

SINGLE LINE SYMBOLS

Table of single line symbols, including Switch, Breaker, Fuse, Transformer, Capacitor, Ground, Contact (Normally Open/Closed), Battery, Automatic Transfer Switch, Manual Double Throw Switch, Current Transformer, Potential Transformer, and Equipment Outline.

SINGLE LINE NOTE:

THE EC SHALL REMOVE THE OLD EQUIPMENT AS NOTED WHEN THE NEW EQUIPMENT IS INSTALLED AND READY FOR SERVICE

SOME OF THESE SYMBOLS MAY NOT BE USED UNDER THIS PROJECT. SEE THE CONTRACTOR NOTES FOR ADDITIONAL REQUIREMENTS.

PROJECT INFORMATION

PROJECT TITLE
ADULT DAYCARE FACILITY
PROJECT ADDRESS
231 TABERNAACLE DRIVE SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL MINISTRIES



PROJECT TEAM

ARCHITECT
NOELKER AND HULL ASSOCIATES, INC. ARCHITECTS
30 WEST KING STREET CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

CIVIL ENGINEER

LANDSCAPE ARCHITECT

PROGRESS SET NOT FOR CONSTRUCTION

ARCHITECT'S STAMP

SHEET INFORMATION

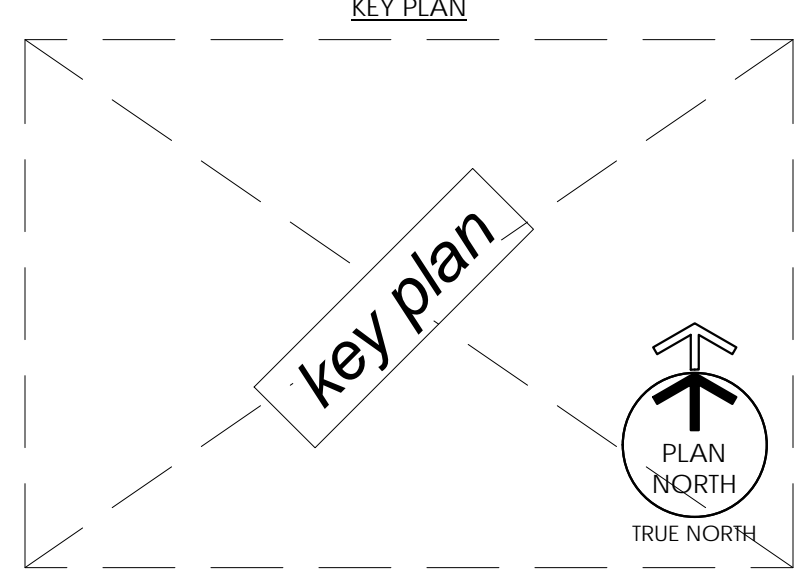


Table for REVISIONS with columns for REV. #, DESCRIPTION, and DATE.

PROJECT STATUS

PROGRESS SET

Table with fields for JOB NUMBER (17044), ISSUE DATE, SCALE (1/8" = 1'-0"), and SHEET TITLE (ELECTRICAL COVER SHEET).

SHEET NUMBER: EO.1

ADULT DAYCARE FACILITY

PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



PROJECT TEAM

ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM
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STRUCTURAL ENGINEER

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FOOD SERVICE CONSULTANT

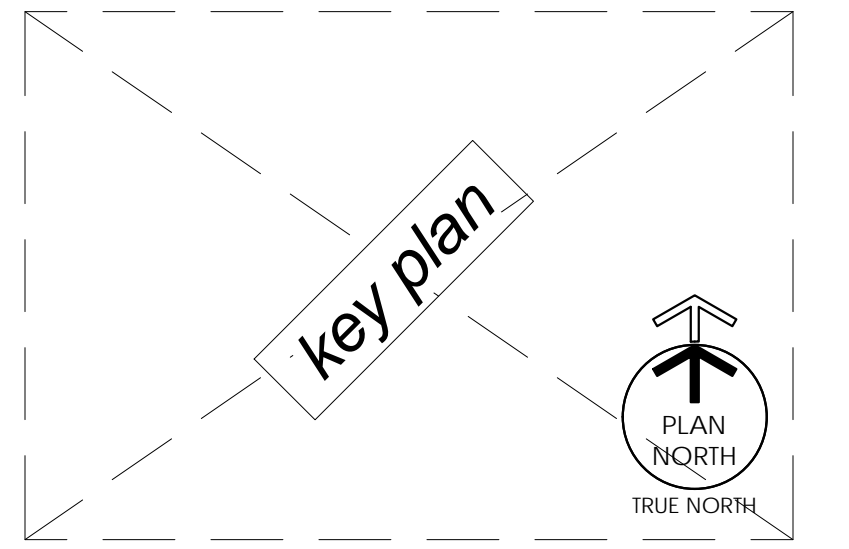
CIVIL ENGINEER

LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**
ARCHITECT'S STAMP

SHEET INFORMATION

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

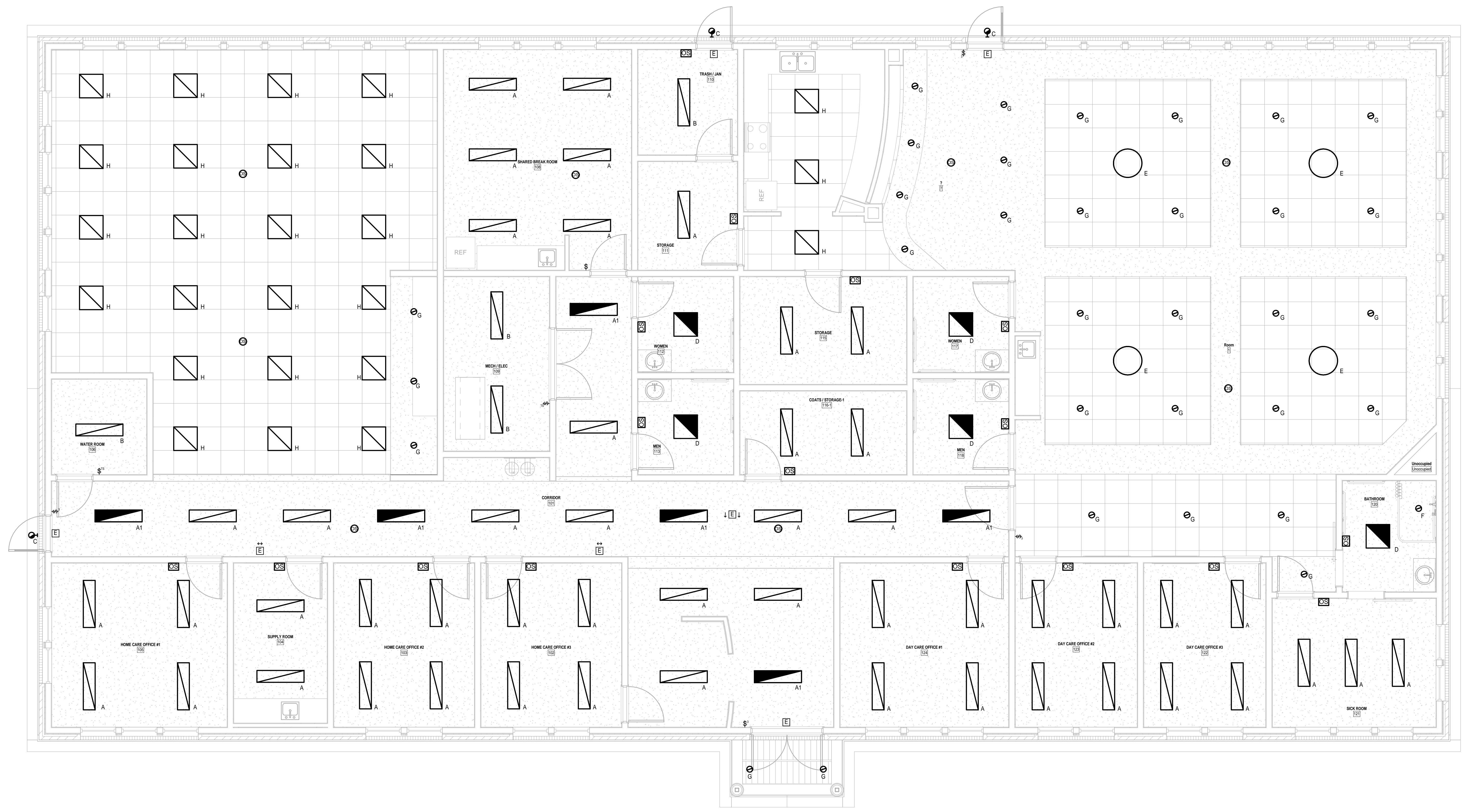
PROJECT STATUS

PROGRESS SET

JOB NUMBER: 17044
ISSUE DATE: Issue Date
SCALE: 1/4" = 1'-0"

SHEET TITLE:
FIRST FLOOR PLAN - LIGHTING

SHEET NUMBER:
E2.0



1 FIRST FLOOR
E2.0 1/4" = 1'-0"

ADULT DAYCARE FACILITY

PROJECT ADDRESS
231 TABERNACLE DRIVE
SOMERSET, PA 15501

PROJECT OWNER
ALLEGHENY LUTHERAN SOCIAL
MINISTRIES



ARCHITECT



**NOELKER
AND HULL**
ASSOCIATES, INC.
ARCHITECTS

30 WEST KING STREET
CHAMBERSBURG, PA | 17201-1540
P: 717.263.8464 | F: 717.263.6031
NOELKERHULL.COM
PA | MD | VA

STRUCTURAL ENGINEER

M/E/P ENGINEER

FOOD SERVICE CONSULTANT

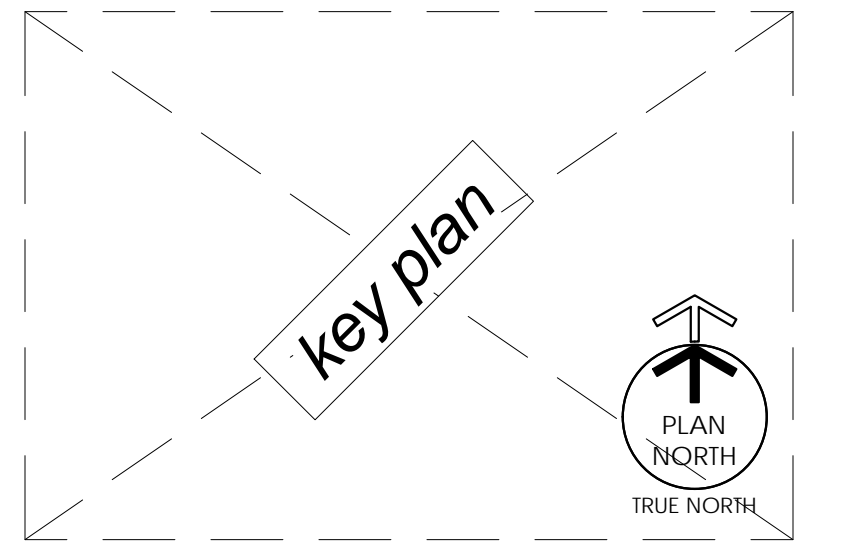
CIVIL ENGINEER

LANDSCAPE ARCHITECT

**PROGRESS SET
NOT FOR CONSTRUCTION**

ARCHITECT'S STAMP

KEY PLAN



REVISIONS

REV. #:	DESCRIPTION:	DATE:

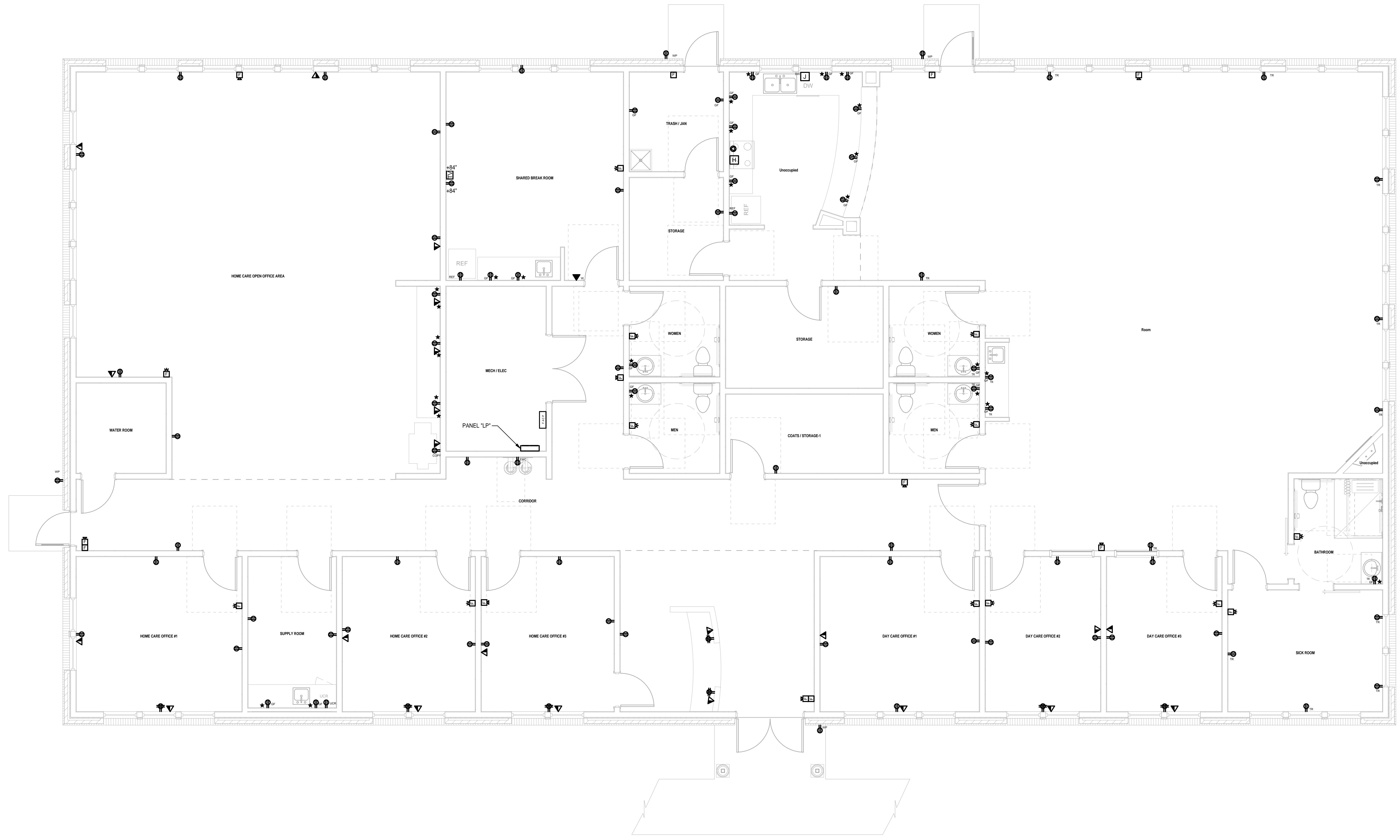
PROJECT STATUS

PROGRESS SET

JOB NUMBER:	17044
ISSUE DATE:	Issue Date
SCALE:	1/4" = 1'-0"
SHEET TITLE:	FIRST FLOOR PLAN - POWER & SYSTEMS

SHEET NUMBER:

E3.0



1 FIRST FLOOR
E3.0 1/4" = 1'-0"