



ABBREVIATIONS LIST			DRAWING SYMBOLS LEGEND					
A	ANCHOR BOLT	A	F.R.	FIRE RESISTIVE	F	P.T.D.J.R.	PAPER TOWER DISP. / RECEIPT.	P
A.B.	ACROUSTICAL CEILING TILE	A	F.S.	FULL SIZE	F	P.V.C.	POLYVINYL CHLORIDE	P
A.C.T.	ACROUSTICAL	A	FIN.	FINISH	F	PERF.	PERFORATED	P
A.F.F.	ABOVE FINISH FLOOR	A	FIN. E.	FINISHED EDGE	F	PL.	PROPERTY LINE	P
ACOUST.	ACROUSTICAL	A	FIN. FLR.	FINISH FLOOR	F	PLAM.	PLASTIC LAMINATE	P
ADJ.	ADJUSTABLE	A	FIN. SLAB	FINISH SLAB	F	PLAS.	PLASTIC	P
AGG.	AGGREGATE	A	FLASH.	FLASHING	F	PR.	PAIR	P
ALT.	ALTERNATE	A	FLR.	FLOOR	F	PROP.	PROPERTY	P
ALUM.	ALUMINUM	A	FLUOR.	FLUORESCENT	F	PTN.	PARTITION	P
ANOD.	ANODIZED	A	FT.	FOOT/FEET	F	PVMT.	PAVEMENT	P
APPLIC.	APPLICABLE	A	FUR.	FURNISH	F	PWD.	PLYWOOD	P
APPROX.	APPROXIMATE	A	FURR.	FURRING	F			
ARCH.	ARCHITECTURAL	A	FUT.	FUTURE	F			
ASP.	ASPHALT	A				Q	QUARRY TILE	Q
AUTO.	AUTOMATIC	A						
AUX.	AUXILIARY	A						
			G	GRAB BAR	G	R	RISER	R
B	BORROWED LITE	B	G.I.	GALVANIZED IRON	G	R.D.	ROOF DRAIN	R
B.S.	BOTH SIDES	B	GALV.	GALVANIZED	G	R.O.	ROUGH OPENING	R
B.U.R.	BUILT-UP ROOF	B	GEN.	GENERAL	G	R.O.W.	RIGHT OF WAY	R
BD.	BOARD	B	GL.	GLASS	G	RAD.	RADIUS	R
BIT.	BITUMINOUS	B	GND.	GROUND	G	REF.	REFRIGERATOR	R
BLDG.	BUILDING	B	GR.	GRADE	G	REG.	REGISTER	R
BLK.	BLOCK	B	GYP. BD.	GYP. WALL BOARD	G	REINF.	REINFORCEMENT	R
BLKG.	BLOCKING	B				REQD.	REQUIRED	R
BM.	BEAM	B	H	HIGH	H	RESIL.	RESILIENT	R
BOT.	BOTTOM	B	H.	H.O.S.E. BIB	H	RET.	RETAINING	R
BR.	BRONZE	B	H.B.	HOLLOW CORE	H	REV.	REVISION	R
BRDG.	BRIDGING	B	H.C.	HOLLOW METAL	H	RF.	ROOF(ING)	R
BRG.	BEARING	B	H.M.	HARDWARE	H	RM.	ROOM	R
BRK.	BRICK	B	HDWD.	HARDWOOD	H	RTN.	RETURN	R
BTWN.	BETWEEN	B	HORIZ.	HORIZONTAL	H			
			HR.	HOUR	H	S	SOUTH	S
C	CENTER TO CENTER	C	HT.	HEIGHT	H	S.C.	SOLID CORE	S
C.C.	CORNER GUARD	C				S.D.	SOAP DISPENSER	S
C.G.	CAST IRON	C	I	INSIDE DIAMETER	I	S.F.	SQUARE FOOT	S
C.I.	CAST IN PLACE	C	I.P.	IRON PIPE	I	S.N.D.	SANITARY NAPKIN DISPENSER	S
C.J.	CONTROL JOINT	C	INFO.	INFORMATION	I	S.N.R.	SANITARY NAPKIN RECEPTACLE	S
C.M.U.	CONCRETE MASONRY UNIT	C	INSUL.	INSULATION	I	S.S.	STAINLESS STEEL	S
C.O.	CASED OPENING	C	INT.	INTERIOR	I	SAN.	SANITARY	S
C.T.	CERAMIC TILE	C	INV.	INVERT	I	SCHED.	SCHEDULE	S
C.U.	CONDENSER UNIT	C				SEC.	SECTION	S
CAB.	CABINET	C	J	JOB VERIFY	J	SH.	SHELF	S
CEM.	CEMENT	C	J.V.	JANITOR	J	SHT.	SHEET	S
CHAM.	CHAMFER	C	JAN.	JOIST	J	SIM.	SIMILAR	S
CL.	CENTER LINE	C	JST.	JOIST BEARING	J	SPEC.	SPECIFICATION	S
CLG.	CEILING	C	JST. BRG.	JOIST	J	SPL. BLK.	SPLASH BLOCK	S
CLK.	CAULKING	C	JT.	JOINT	J	SQ.	SQUARE	S
CLD.	CLOSET	C				STA.	STATION	S
COL.	COLUMN	C	K	KNOCK DOWN	K	STD.	STANDARD	S
COMB.	COMBINATION	C	K.D.	KNOCK OUT	K	STL.	STEEL	S
COMP.	COMPOSITION	C	K.O.	KNOCK OUT	K	STOR.	STORAGE	S
CON.	CONNECTION	C				STRUCT.	STRUCTURAL	S
CONC.	CONCRETE	C	L	LENGTH	L	SUSP.	SUSPENSION/SUSPENDED	S
CONST.	CONSTRUCTION	C	LAD.	LADDER	L	SYN.	SYNTHETIC	S
CONT.	CONTINUOUS	C	LAM.	LAMINATE	L	SYS.	SYSTEM	S
CONTR.	CONTRACTOR	C	LAV.	LAVATORY	L	T	TONGUE AND GROOVE	T
COR.	CORRIDOR	C	LB.	LOAD	L	T & G	TREAD	T
CTR.	CENTER	C	LKR.	LOOKER	L	T.	TOP OF CURB	T
			LT.	LEVEL	L	T.O.C.	TOP OF MASONRY	T
D	DOUBLE ACTING	D	LVL.	LEVEL	L	T.O.M.	TOP OF PAVEMENT	T
D.A.	DRYWALL CONTROL JOINT	D	LVR.	LOUVER	L	T.O.P.	TOP OF STEEL	T
D.C.J.	DRINKING FOUNTAIN	D	LW.	LIGHTWEIGHT	L	T.O.W.	TOP OF WALL	T
D.F.	DOWN SPOUT	D				T.P.L.	TOP OF PLATE	T
D.S.	DRYER VENT	D	M	MARKER BOARD	M	T.S.	TUBULAR STEEL	T
D.V.	DOUBLE	D	M.B.	MASONRY CONTROL JOINT	M	T.V.	TELEVISION	T
DBL.	DEPARTMENT	D	M.C.J.	MASONRY OPENING	M	T/B	TOP AND BOTTOM	T
DEPT.	DIAMETER	D	M.O.	MACHINE	M	TELE.	TELEPHONE	T
DIA.	DIAGONAL	D	MACH.	MATERIAL	M	TEMP.	TEMPERED	T
DIA.	DIFFUSER	D	MAS.	MAXIMUM	M	TER.	TERRAZO	T
DIAG.	DIMENSION	D	MAT.	MEDIUM DENSITY FIBERBOARD	M	THD.	THRESHOLD	T
DIFF.	DISPENSER	D	MAX.	MECHANICAL	M	THK.	THICK	T
DIM.	DIVIDER/DIVISION	D	MDF.	MEMBRANE	M	TYP.	TYPICAL	T
DISP.	DOWN	D	MECH.	MEZZANINE	M	U	UNDERWRITERS LABORATORIES	U
DIV.	DOWN	D	MED.	MANUFACTURER	M	U.L.	UNLESS OTHERWISE NOTED	U
DN.	DETAIL	D	MEMB.	MINIMUM	M	UNF.	UNFINISHED	U
DTL.	DRAWING	D	MEZZ.	MIRROR	M	UR.	URINAL	U
DWG.			MFR.	MISCELLANEOUS	M	UTIL.	UTILITY	U
			MIN.	MOUNTED	M	V	VINYL COMPOSITION TILE	V
E	EAST	E	MIR.	METAL	M	V.C.T.	VENTILATION FAN	V
E.	EXHAUST FAN	E	MISC.	MULLION	M	V.F.	VERIFY IN FIELD	V
E.F.	ELECTRIC HAND DRYER	E	MTD.			V.I.F.	VENT THRU ROOF	V
E.H.D.	EXTERIOR INSULATION FINISH SYSTEM	E	MTL.			V.W.C.	VINYL WALL COVERING	V
E.I.F.S.	EXPANSION JOINT	E	MUL.			VERT.	VERTICAL	V
E.J.	EXPANSION JOINT COVER	E	N			VEST.	VESTIBULE	V
E.J.C.	ELECTRIC PANEL	E	N.	NORTH	N	VIN.	VINYL	V
E.P.	ELECTRIC WATER COOLER	E	N.I.	NOT INCLUDED	N			
E.S.	EACH SIDE	E	N.I.C.	NOT IN CONTRACT	N			
E.W.	EACH WAY	E	N.T.S.	NOT TO SCALE	N			
E.W.C.	ELECTRIC WATER COOLER	E	NO.	NUMBER	N			
EA.	EACH	E	NOM.	NOMINAL	N			
EA.	ELEVATION	E	O	OUTSIDE AIR DUCT	O			
ELEC.	ELECTRICAL	E	O.A. DUCT	ON CENTER	O			
ELEV.	ELEVATOR	E	O.C.	OUTSIDE DIAMETER	O			
ELEC.	EMERGENCY	E	O.D.	OVER HEAD	O			
ENCL.	ENCLOSURE	E	O.H.	OFFICE	O			
ENCL.	ENTRANCE	E	OFF.	OPENING	O			
ENTR.	EQUAL	E	OPNG.	OPPOSITE	O			
EQPT.	EQUIPMENT	E	OPP.	OUNCE	O			
EXIST.	EXISTING	E	OZ.		O			
EXP.	EXPANSION	E	P	PRECAST	P			
EXT.	EXTERIOR	E	P.C.	POUNDS PER SQUARE FOOT	P			
			P.S.F.	POUNDS PER SQUARE INCH	P			
F	FIRE ALARM	F	P.S.I.	PRESSURE TREATED	P			
F.A.	FLOOR DRAIN	F	P.T.	PAPER TOWEL DISPENSER	P			
F.D.	FIRE EXTINGUISHER	F	P.T.D.		P			
F.E.	FIRE EXT. ON BRACKET	F						
F.E.B.	FIRE EXT. CABINET	F						
F.E.C.	FINISHED FLOOR ELEVATION	F						
F.F.E.	FIRE HOSE CABINET	F						
F.H.C.	X-RAY FILM ILLUMINATOR	F						
F.I.	FACE OF CONCRETE	F						
F.O.C.	FACE OF WALL	F						
F.O.W.								



135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115  
(770) 245-2579



STATE OF GEORGIA  
REGISTERED ARCHITECT  
NO. 000000000  
07/22/2022

JOB:	22-034
DRW:	SO
CHK:	KBW

REVISIONS	DATE	NUMBER	COMMENTS

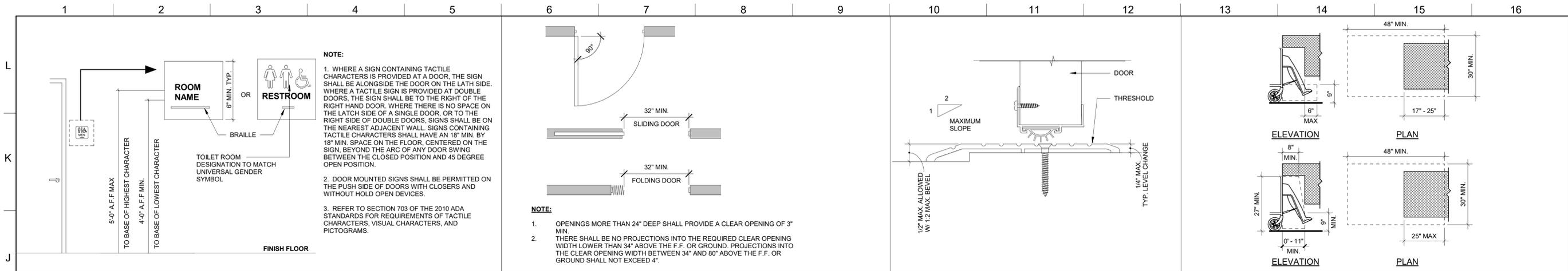
## FELLOWSHIP OF THE HILLS

991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

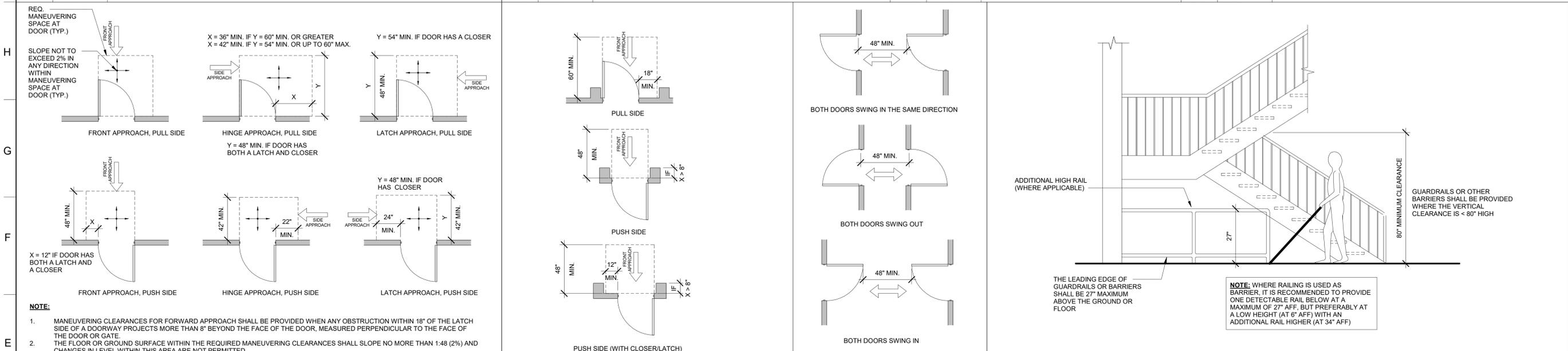
### GENERAL INFORMATION

A-0.1

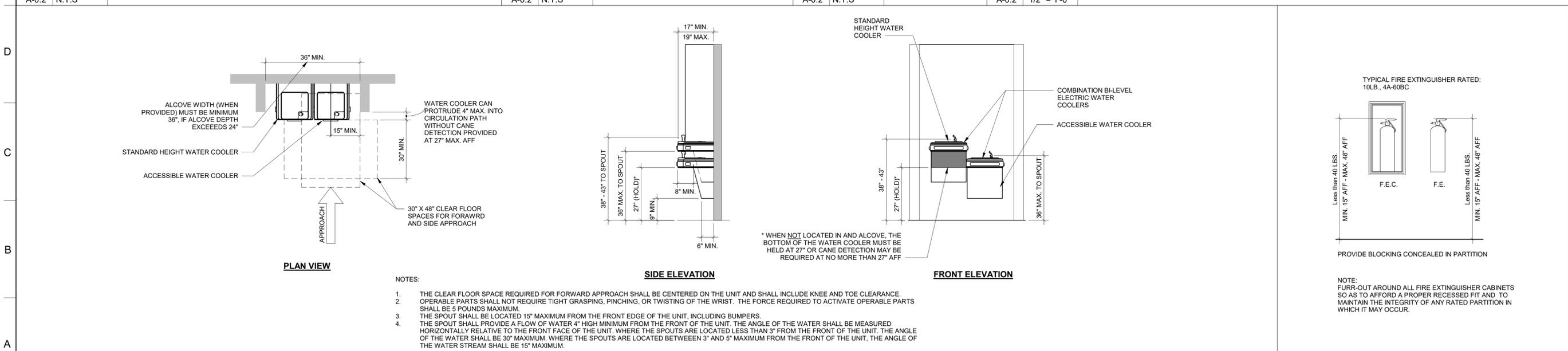
DATE: 07/22/2022



**J1 SIGNAGE** | **J6 CLR. OPENING @ ACCESSIBLE DOORS** | **J10 ADA THRESHOLD DETAIL** | **J13 ADA TOE/KNEE CLEARANCE**



**E1 DOOR CLEARANCES @ ACCESSIBLE DOORS** | **E6 CLR. @ RECESSED DOORS** | **E9 DOORS IN SERIES** | **E11 VERTICAL CLEARANCE DETAIL**



**A1 DRINKING FOUNTAIN & ALCOVE DETAIL** | **A14 F.E.C. & F.E MOUNTING**

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579

*Kevin B. Whipple*  
 KEVIN B. WHIPPLE  
 07/22/2022  
 REGISTERED ARCHITECT

JOB:	22-034
DRW:	SO
CHK:	KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**ADA DETAILS**  
 A-0.2  
 DATE: 07/22/2022

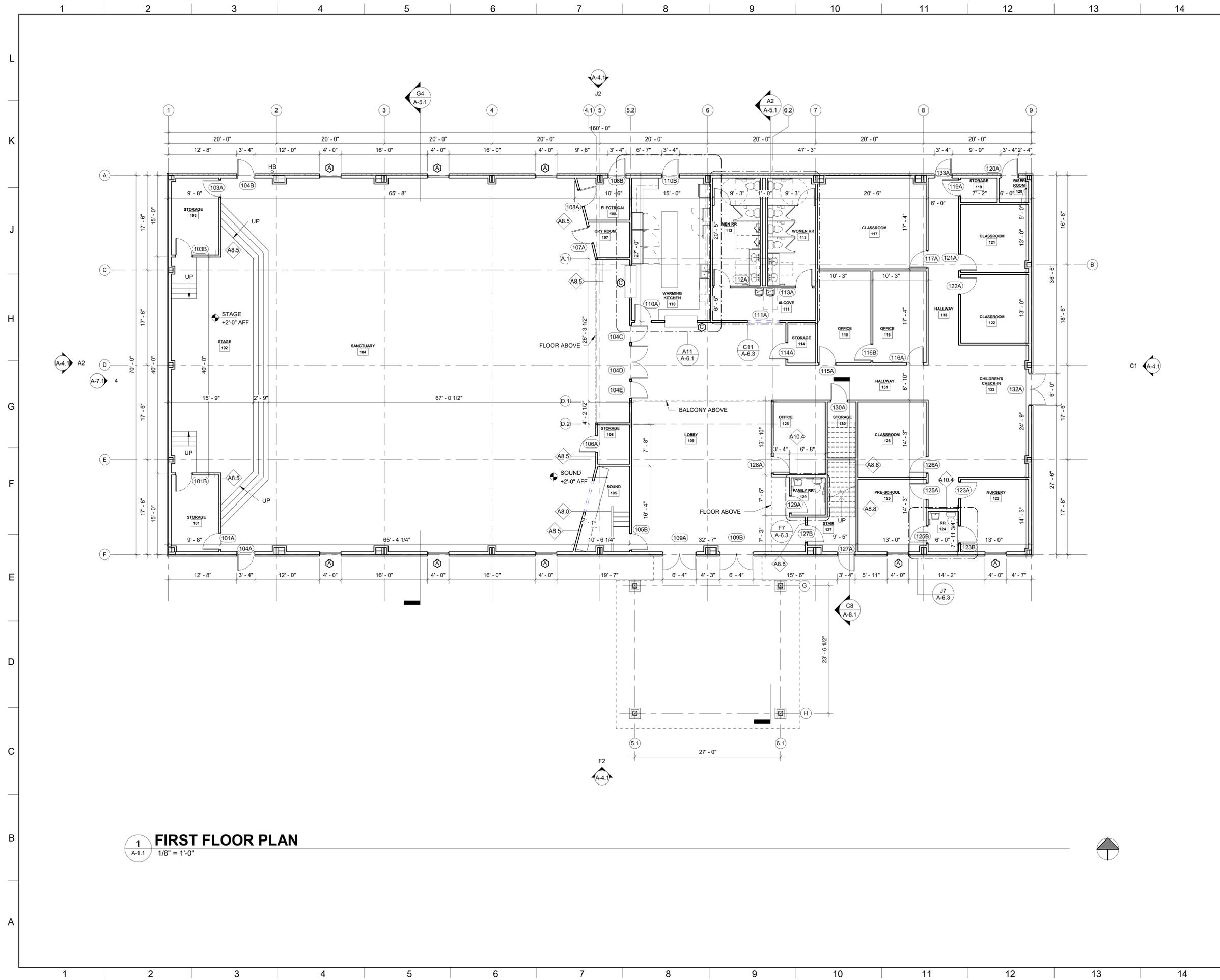












**1 FIRST FLOOR PLAN**  
 A-1.1 1/8" = 1'-0"

**PARTITION TYPE NOMENCLATURE**

PARTITION HEAD CONDITION AND RATING  
 STUD (OR CMU) SIZE INDICATION & SOUND ATTENUATION (ODD NUMBER= NO SOUND ATTEN., EVEN NUMBER= SOUND ATTEN.)  
 PARTITION TYPE ASSEMBLY (SEE PARTITION TYPES)

**FLOOR PLAN LEGEND**

NEW WALL  
 NEW COLUMN GRID LINE  
 NEW DOOR  
 PARTITION TYPE, COORDINATE WITH A-0.8

**FLOOR PLAN GENERAL NOTES:**  
 A. ALL PARTITION WALLS ARE OF TYPE A 8.4 UNLESS MENTIONED OTHERWISE, REFER SHEET A-0.8 FOR PARTITION DETAILS

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579



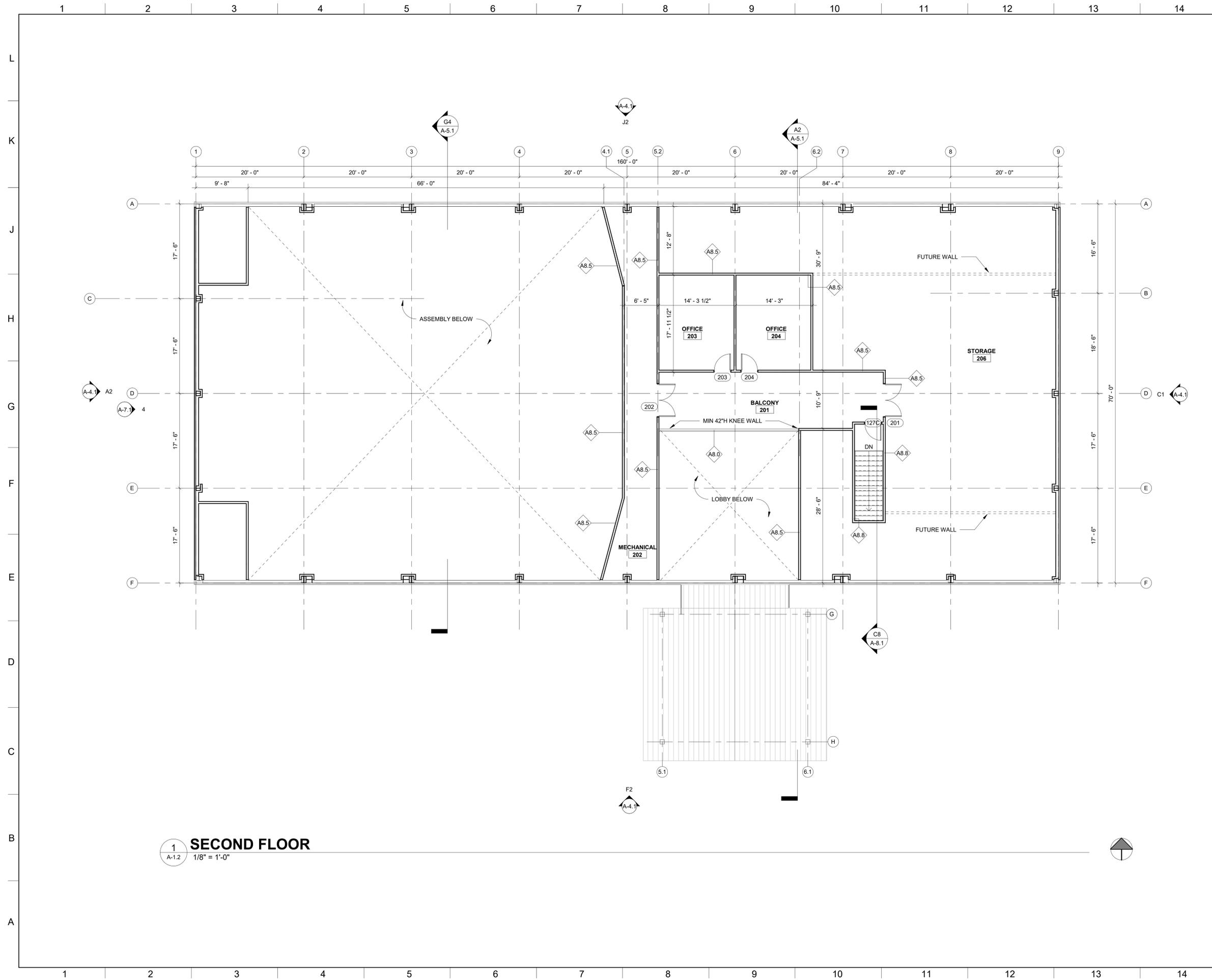
JOB: 22-034  
 DRW: SO  
 CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

FIRST FLOOR PLAN

**A-1.1**  
 DATE: 07/22/2022



**1 SECOND FLOOR**  
 A-1.2 1/8" = 1'-0"

**PARTITION TYPE NOMENCLATURE**

A1.1  
 PARTITION HEAD CONDITION AND RATING  
 STUD (OR CMU) SIZE INDICATION & SOUND ATTENUATION (ODD NUMBER= NO SOUND ATTEN., EVEN NUMBER= SOUND ATTEN.)  
 PARTITION TYPE ASSEMBLY (SEE PARTITION TYPES)

**FLOOR PLAN LEGEND**

NEW WALL  
 NEW COLUMN GRID LINE  
 NEW DOOR  
 PARTITION TYPE, COORDINATE WITH A-0.8

**FLOOR PLAN GENERAL NOTES:**  
 A. ALL PARTITION WALLS ARE OF TYPE A 8.4 UNLESS MENTIONED OTHERWISE, REFER SHEET A-0.8 FOR PARTITION DETAILS

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579



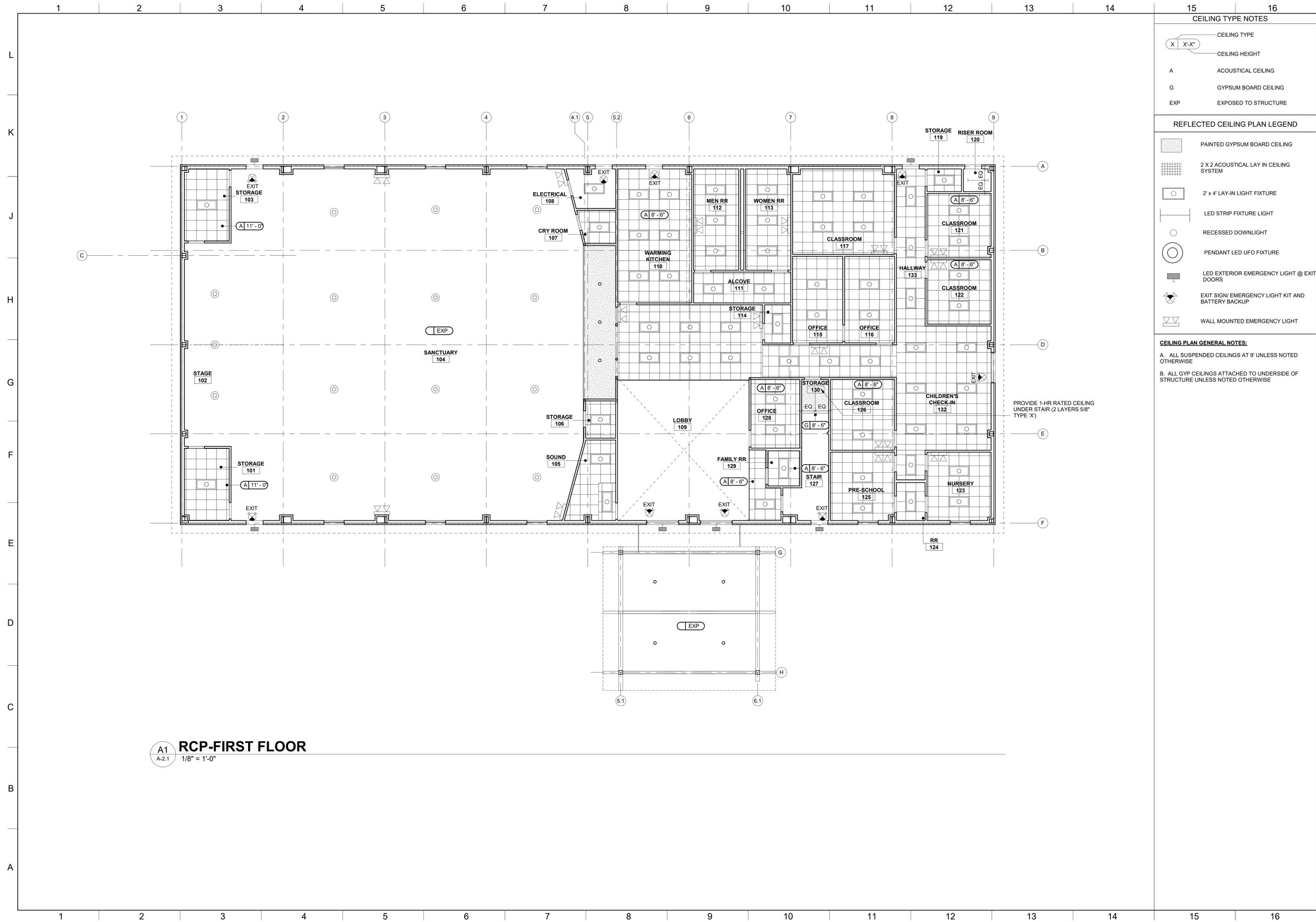
JOB: 22-034  
 DRW: SO  
 CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**SECOND FLOOR PLAN**

**A-1.2**  
 DATE: 07/22/2022



**A1 RCP-FIRST FLOOR**  
 A-2.1 1/8" = 1'-0"

**CEILING TYPE NOTES**

- X X-X" CEILING TYPE
- CEILING HEIGHT
- A ACOUSTICAL CEILING
- G GYPSUM BOARD CEILING
- EXP EXPOSED TO STRUCTURE

**REFLECTED CEILING PLAN LEGEND**

- PAINTED GYPSUM BOARD CEILING
- 2 X 2 ACOUSTICAL LAY IN CEILING SYSTEM
- 2' x 4' LAY-IN LIGHT FIXTURE
- LED STRIP FIXTURE LIGHT
- RECESSED DOWNLIGHT
- PENDANT LED UFO FIXTURE
- LED EXTERIOR EMERGENCY LIGHT @ EXIT DOORS
- EXIT SIGN/ EMERGENCY LIGHT KIT AND BATTERY BACKUP
- WALL MOUNTED EMERGENCY LIGHT

**CEILING PLAN GENERAL NOTES:**

- A. ALL SUSPENDED CEILINGS AT 9' UNLESS NOTED OTHERWISE
- B. ALL GYP CEILINGS ATTACHED TO UNDERSIDE OF STRUCTURE UNLESS NOTED OTHERWISE

PROVIDE 1-HR RATED CEILING UNDER STAIR (2 LAYERS 5/8" TYPE 'X')



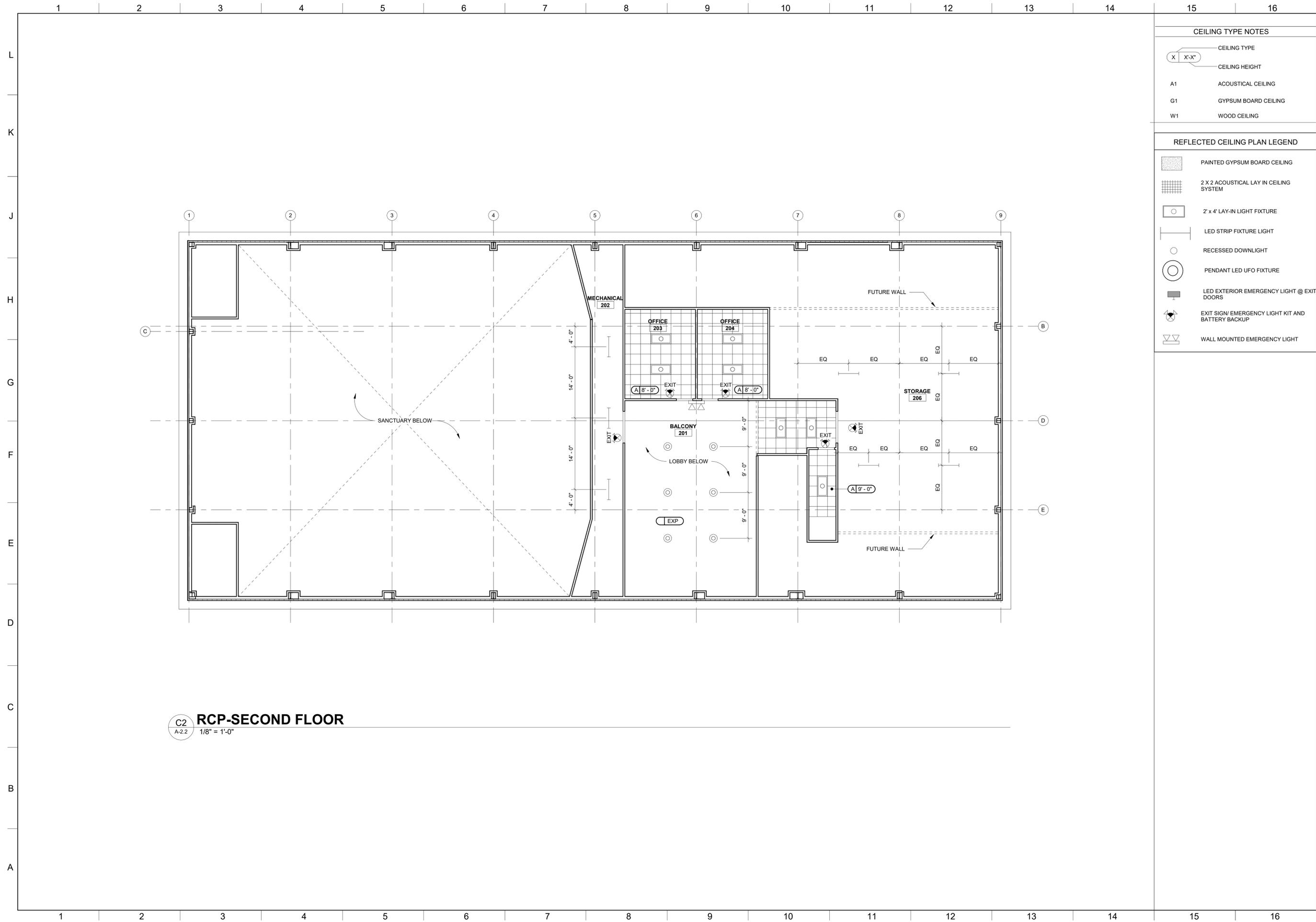
JOB: 22-034  
 DRW: SO  
 CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

RCP-FIRST FLOOR

**A-2.1**  
 DATE: 07/22/2022



**C2 RCP-SECOND FLOOR**  
 A-2.2 1/8" = 1'-0"

CEILING TYPE NOTES	
X	X'-X"
	CEILING TYPE
	CEILING HEIGHT
A1	ACOUSTICAL CEILING
G1	GYPSUM BOARD CEILING
W1	WOOD CEILING

REFLECTED CEILING PLAN LEGEND	
	PAINTED GYPSUM BOARD CEILING
	2 X 2 ACOUSTICAL LAY IN CEILING SYSTEM
	2' x 4' LAY-IN LIGHT FIXTURE
	LED STRIP FIXTURE LIGHT
	RECESSED DOWNLIGHT
	PENDANT LED UFO FIXTURE
	LED EXTERIOR EMERGENCY LIGHT @ EXIT DOORS
	EXIT SIGN/ EMERGENCY LIGHT KIT AND BATTERY BACKUP
	WALL MOUNTED EMERGENCY LIGHT

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579



JOB: 22-034  
 DRW: SO  
 CHK: KBW

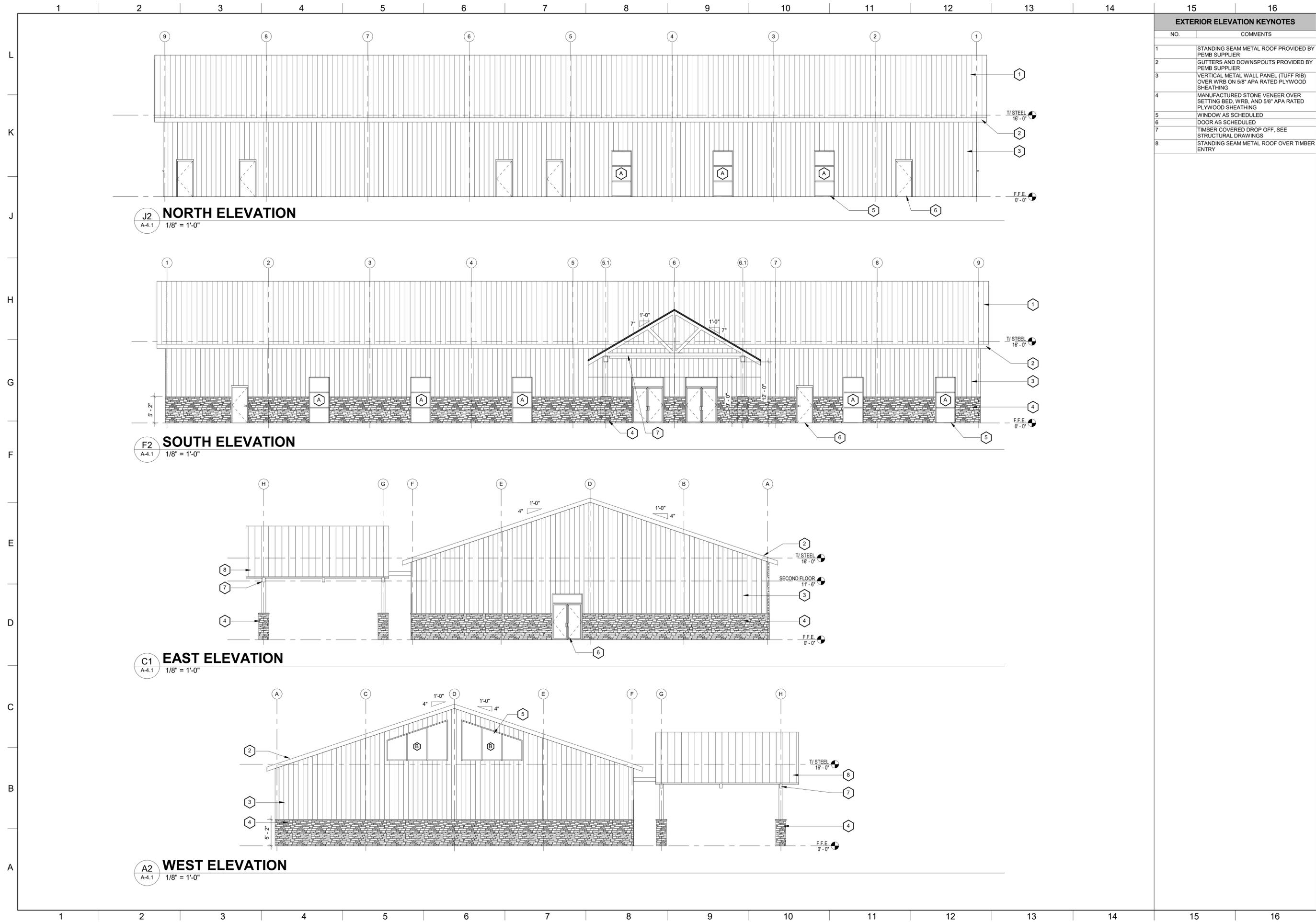
REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

RCP-SECOND FLOOR

**A-2.2**  
 DATE: 07/22/2022





**J2 NORTH ELEVATION**  
A-4.1 1/8" = 1'-0"

**F2 SOUTH ELEVATION**  
A-4.1 1/8" = 1'-0"

**C1 EAST ELEVATION**  
A-4.1 1/8" = 1'-0"

**A2 WEST ELEVATION**  
A-4.1 1/8" = 1'-0"

EXTERIOR ELEVATION KEYNOTES	
NO.	COMMENTS
1	STANDING SEAM METAL ROOF PROVIDED BY PEMB SUPPLIER
2	GUTTERS AND DOWNSPOUTS PROVIDED BY PEMB SUPPLIER
3	VERTICAL METAL WALL PANEL (TUFF RIB) OVER WRB ON 5/8" APA RATED PLYWOOD SHEATHING
4	MANUFACTURED STONE VENEER OVER SETTING BED, WRB, AND 5/8" APA RATED PLYWOOD SHEATHING
5	WINDOW AS SCHEDULED
6	DOOR AS SCHEDULED
7	TIMBER COVERED DROP OFF, SEE STRUCTURAL DRAWINGS
8	STANDING SEAM METAL ROOF OVER TIMBER ENTRY

**CSC DESIGN, INC.**  
ARCHITECTS & ENGINEERS  
135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115  
(770) 245-2579

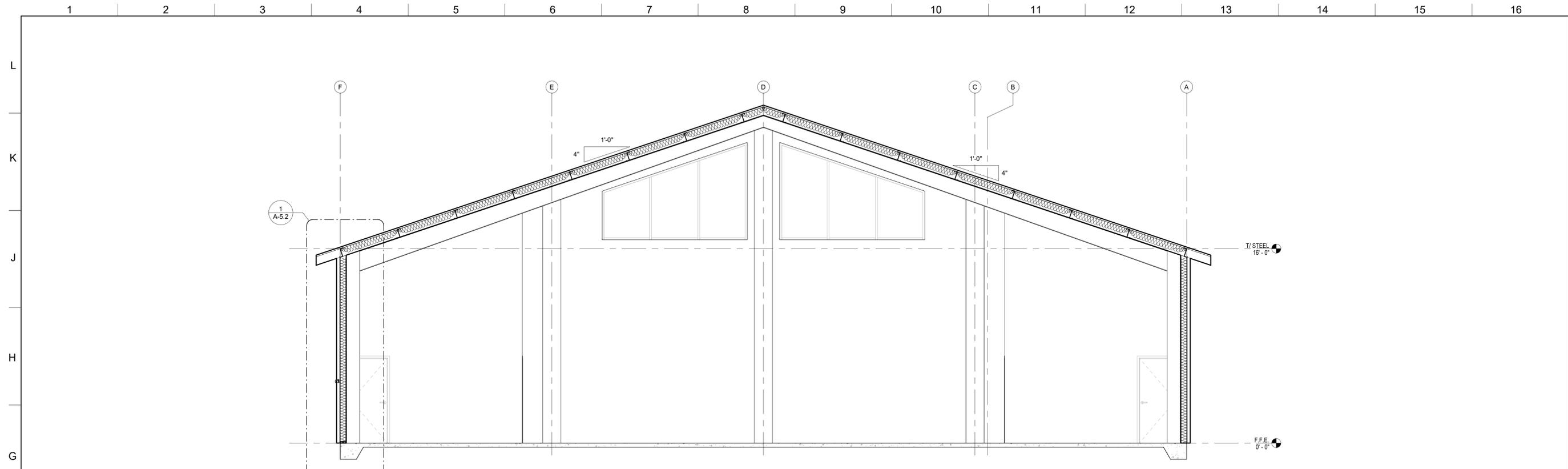
*Kevin B. Whipple*  
STATE OF GEORGIA  
REGISTERED ARCHITECT  
07/22/2022  
KEVIN B. WHIPPLE

JOB:	22-034
DRW:	SO
CHK:	KBW

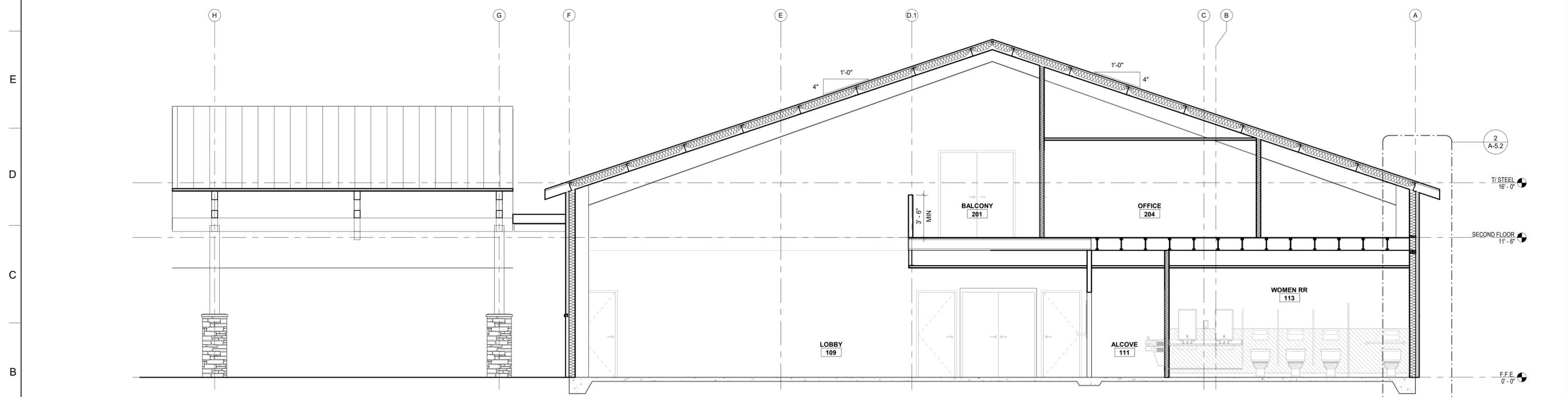
REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

EXTERIOR ELEVATIONS  
**A-4.1**  
DATE: 07/22/2022



**G4 SECTION 1**  
A-5.1 1/4" = 1'-0"



**A2 SECTION 2**  
A-5.1 1/4" = 1'-0"

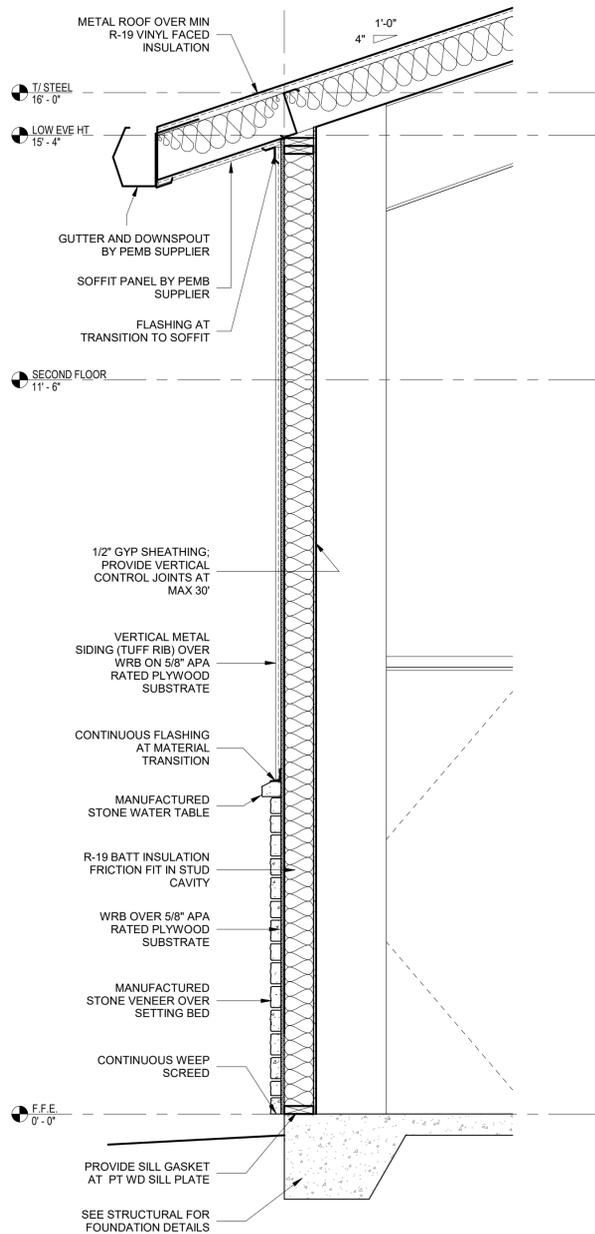


JOB: 22-034  
DRW: SO  
CHK: KBW

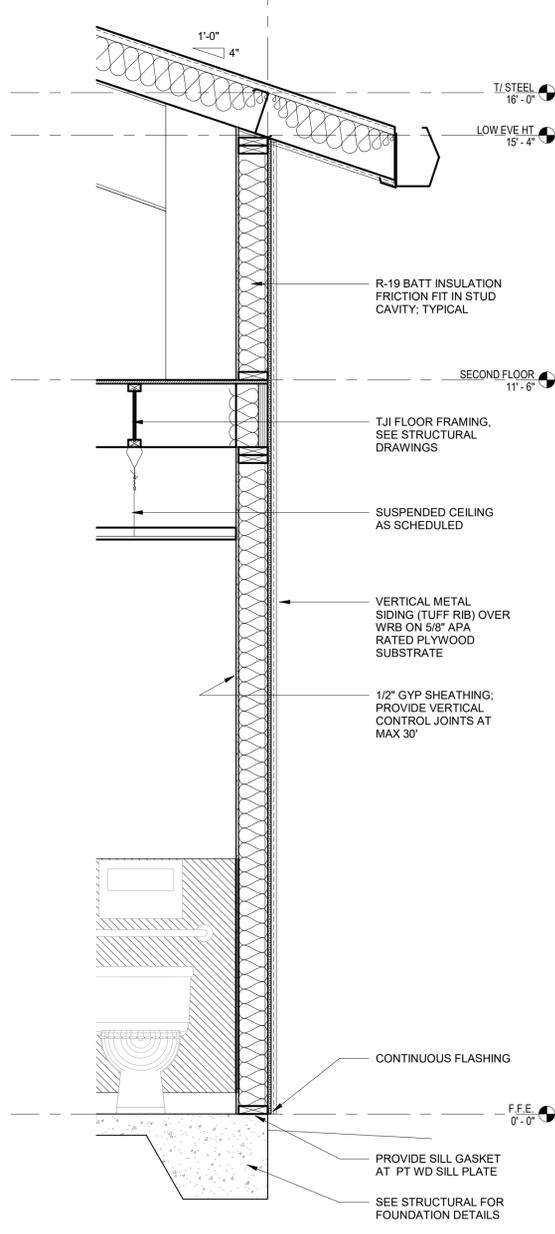
REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

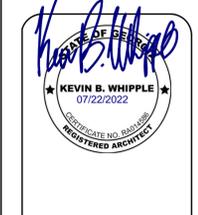
SECTIONS  
**A-5.1**  
DATE: 07/22/2022



**1 WALL SECTION 1**  
A-5.2 3/4" = 1'-0"



**2 WALL SECTION 2**  
A-5.2 3/4" = 1'-0"



JOB: 22-034  
DRW: SO  
CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

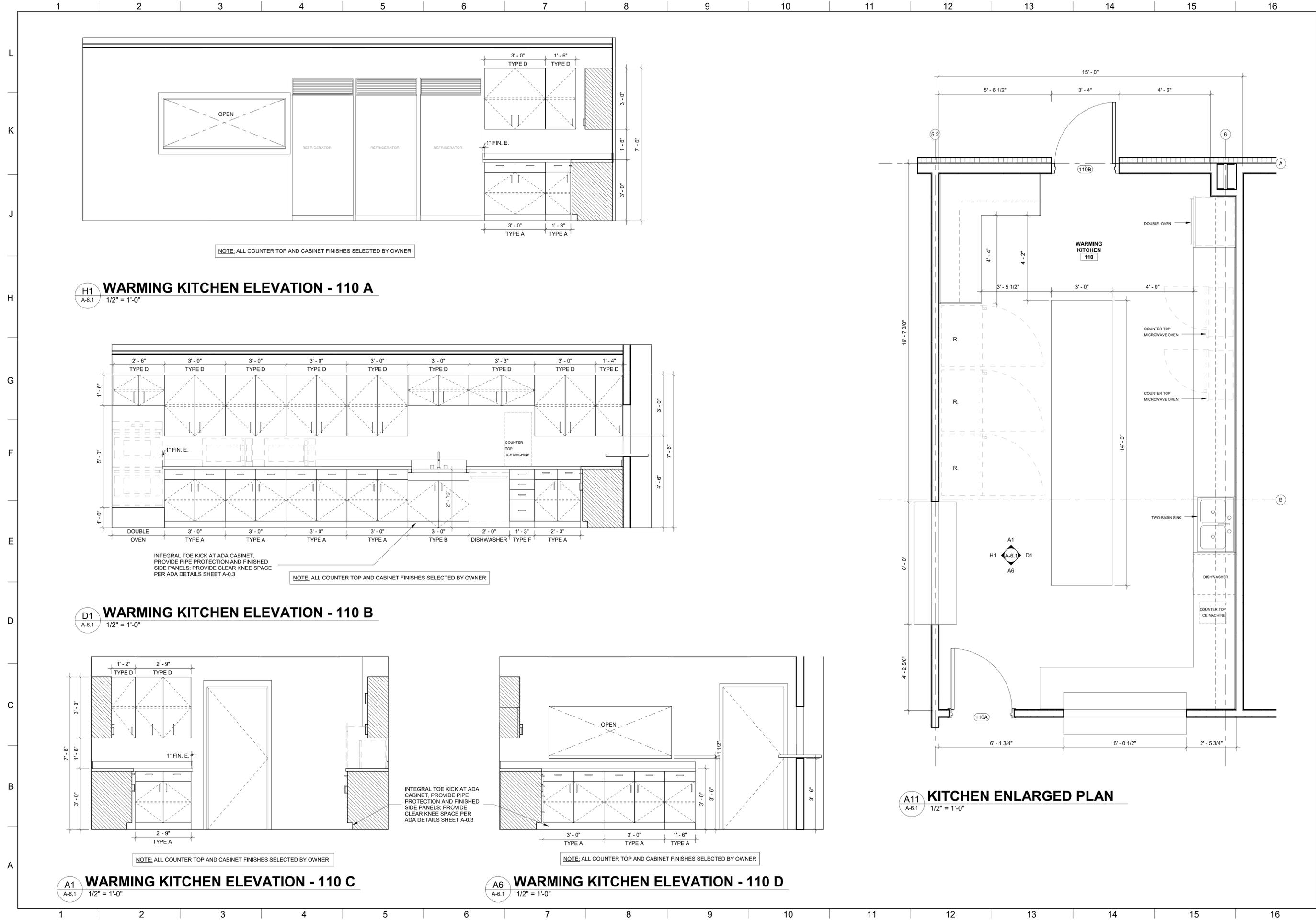
**WALL SECTIONS**

**A-5.2**  
DATE: 07/22/2022

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**ENLARGED KITCHEN PLANS & ELEVATIONS**  
**A-6.1**  
 DATE: 07/22/2022



NOTE: ALL COUNTER TOP AND CABINET FINISHES SELECTED BY OWNER

**H1 WARMING KITCHEN ELEVATION - 110 A**  
 A-6.1 1/2" = 1'-0"

INTEGRAL TOE KICK AT ADA CABINET. PROVIDE PIPE PROTECTION AND FINISHED SIDE PANELS. PROVIDE CLEAR KNEE SPACE PER ADA DETAILS SHEET A-0.3

NOTE: ALL COUNTER TOP AND CABINET FINISHES SELECTED BY OWNER

**D1 WARMING KITCHEN ELEVATION - 110 B**  
 A-6.1 1/2" = 1'-0"

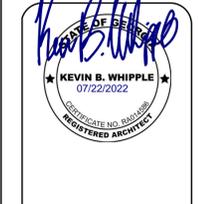
INTEGRAL TOE KICK AT ADA CABINET. PROVIDE PIPE PROTECTION AND FINISHED SIDE PANELS. PROVIDE CLEAR KNEE SPACE PER ADA DETAILS SHEET A-0.3

NOTE: ALL COUNTER TOP AND CABINET FINISHES SELECTED BY OWNER

**A1 WARMING KITCHEN ELEVATION - 110 C**  
 A-6.1 1/2" = 1'-0"

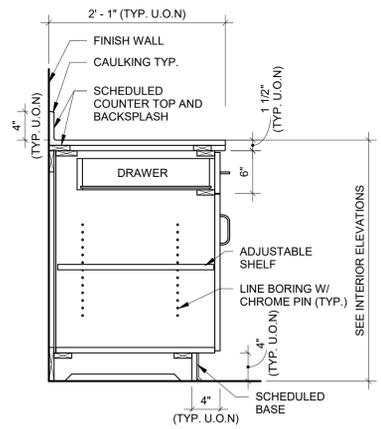
**A6 WARMING KITCHEN ELEVATION - 110 D**  
 A-6.1 1/2" = 1'-0"

**A11 KITCHEN ENLARGED PLAN**  
 A-6.1 1/2" = 1'-0"

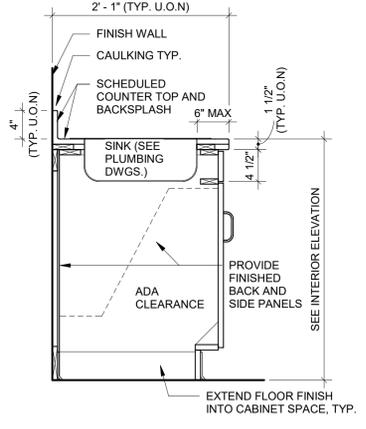


JOB: 22-034  
DRW: SO  
CHK: KBW

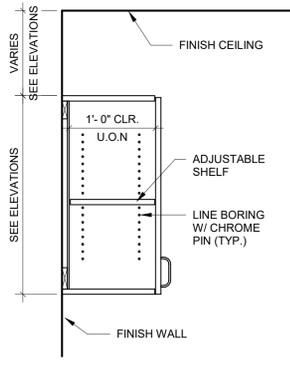
REVISIONS	DATE	NUMBER	COMMENTS



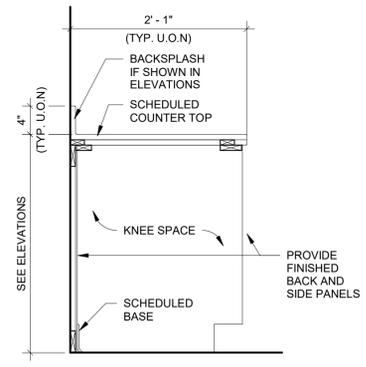
**A BASE CABINET W/ DRAWER**  
A-6.2 1" = 1'-0"



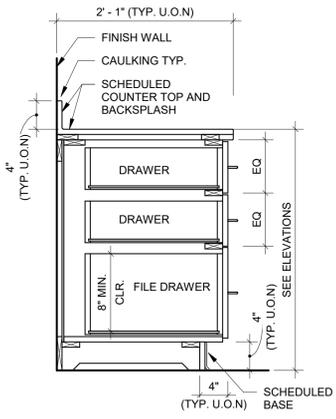
**B BASE W/ SINK ADA**  
A-6.2 1" = 1'-0"



**D UPPER CABINET**  
A-6.2 1" = 1'-0"



**E COUNTER SECTION**  
A-6.2 1" = 1'-0"



**F DRAWER/DRAWER/FILE**  
A-6.2 1" = 1'-0"

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

MILLWORK SECTIONS

**A-6.2**  
DATE: 07/22/2022





	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L																
K	<b>K1 HM TYP. DETAIL</b> A-7.2 1 1/2" = 1'-0"	<b>K3 ALUM. INT. HEAD</b> A-7.2 1 1/2" = 1'-0"	<b>K5 HM CASED HEAD</b> A-7.2 1 1/2" = 1'-0"	<b>K7 OVHD HEAD</b> A-7.2 3/4" = 1'-0"	<b>K9 HM TRANS. HEAD</b> A-7.2 1 1/2" = 1'-0"	<b>K11 SLIDING DR HEAD</b> A-7.2 1 1/2" = 1'-0"	<b>K13 HM POCKET HEAD</b> A-7.2 1 1/2" = 1'-0"									
J																
H	<b>H1 HM TYP. JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>H3 ALUM. INT. JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>H5 HM CASED JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>H7 OVHD JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>H9 HM-SIDELITE</b> A-7.2 1 1/2" = 1'-0"	<b>H11 SLIDING DR JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>H13 HM POCKET JAMB</b> A-7.2 1 1/2" = 1'-0"									
G																
F	<b>F1 MTL. PANEL HEAD</b> A-7.2 1 1/2" = 1'-0"	<b>1 MTL. PANEL JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>2 STRFRNT HEAD.</b> A-7.2 1 1/2" = 1'-0"	<b>3 STRFRNT JAMB</b> A-7.2 1 1/2" = 1'-0"	<b>4 CORNER STRFRNT</b> A-7.2 1 1/2" = 1'-0"	<b>5 SILL STOREFRONT</b> A-7.2 3" = 1'-0"	<b>6 SILL STRFRNT DR</b> A-7.2 1 1/2" = 1'-0"									
E																
D																
C																
B																
A																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579

*Kevin B. Whipple*  
 REGISTERED ARCHITECT  
 07/22/2022

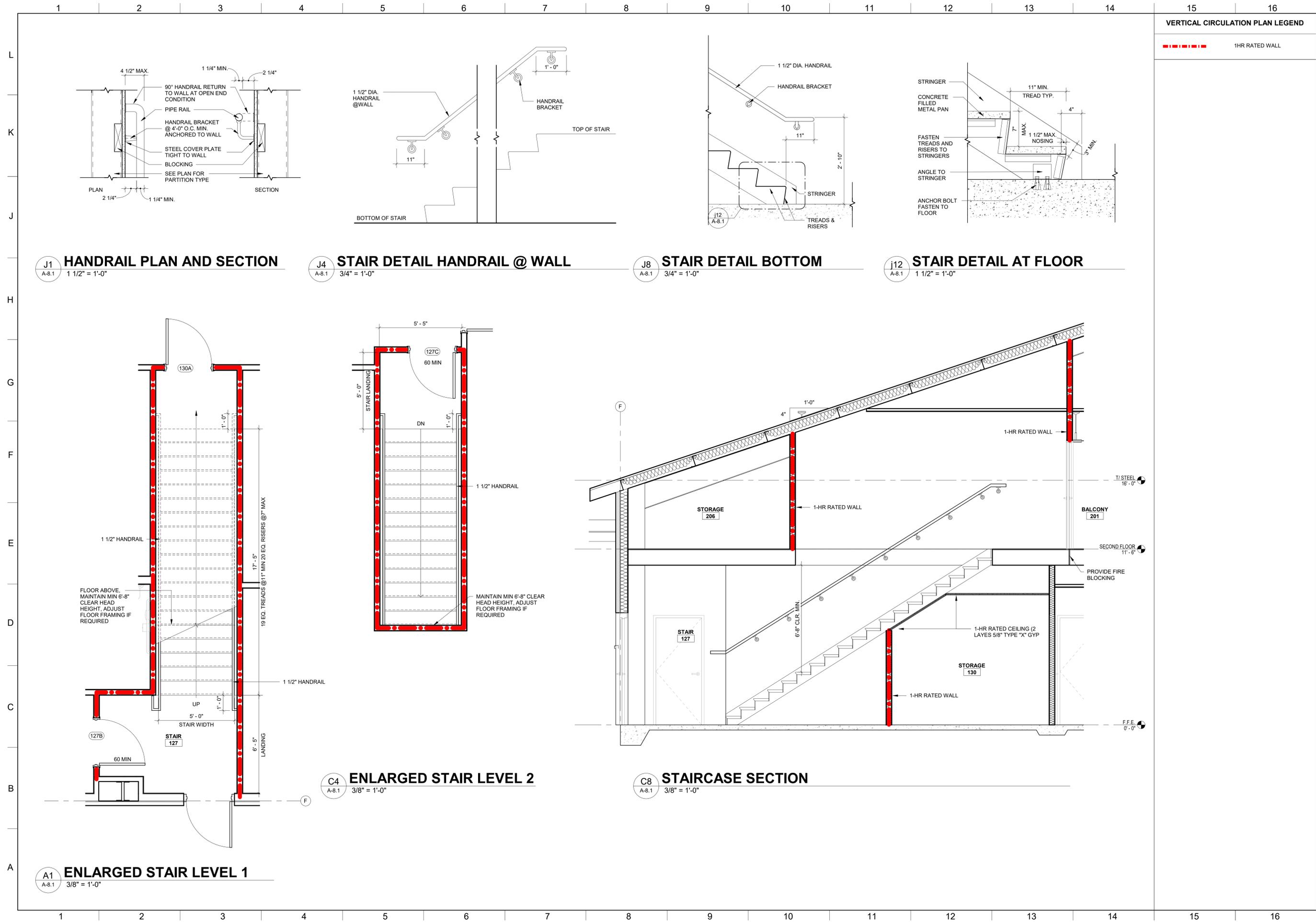
JOB: 22-034  
 DRW: SO  
 CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

DOOR / WINDOW / FINISH DETAILS

**A-7.2**  
 DATE: 07/22/2022



**VERTICAL CIRCULATION PLAN LEGEND**

--- 1HR RATED WALL

**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 245-2579

*Kevin B. Whipple*  
 STATE OF GEORGIA  
 REGISTERED ARCHITECT  
 07/22/2022

JOB: 22-034  
 DRW: SO  
 CHK: KBW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

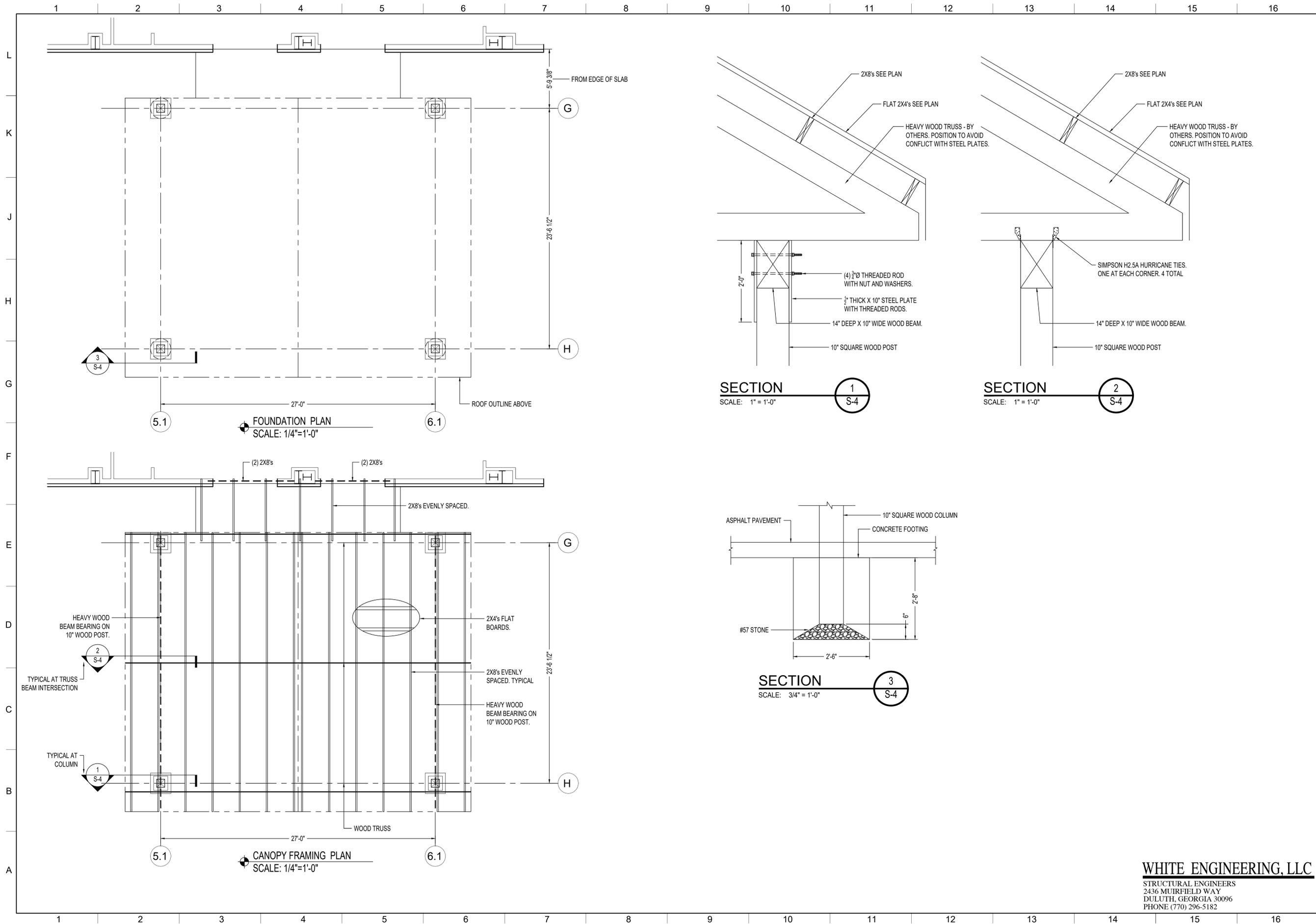
VERTICAL CIRCULATION

**A-8.1**  
 DATE: 07/22/2022









JOB: 22-011  
 DRW: DAW  
 CHK: DAW

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GEORGIA 30512

**CANOPY PLANS AND SECTIONS**

**S-4**  
 DATE: 6.2.2022

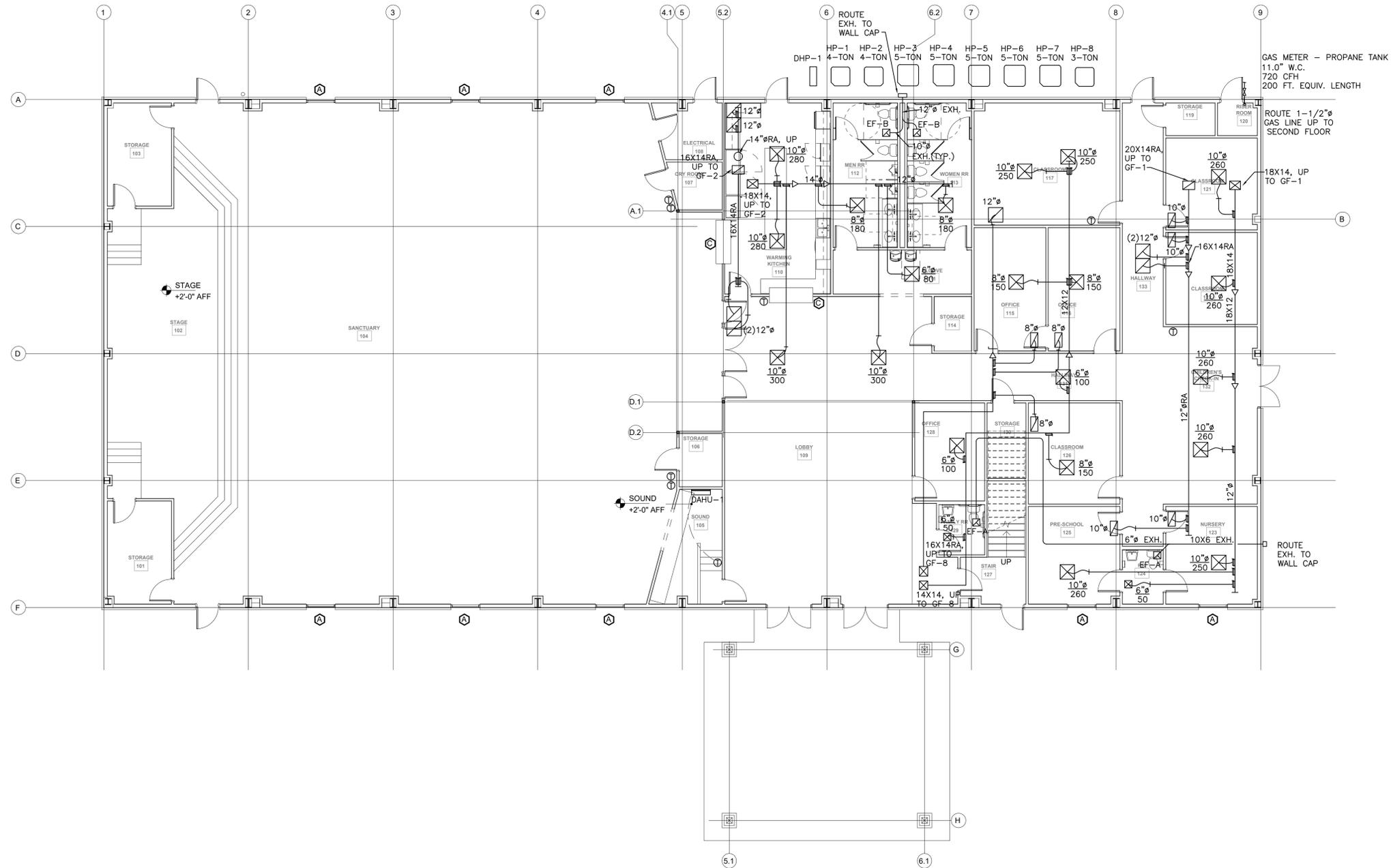
**WHITE ENGINEERING, LLC**  
 STRUCTURAL ENGINEERS  
 2436 MUIRFIELD WAY  
 DULUTH, GEORGIA 30096  
 PHONE (770) 296-5182





JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET



1 MECHANICAL FIRST FLOOR PLAN  
 M-1.0 SCALE: 1/8" = 1'-0"



**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

MECHANICAL FIRST FLOOR PLAN

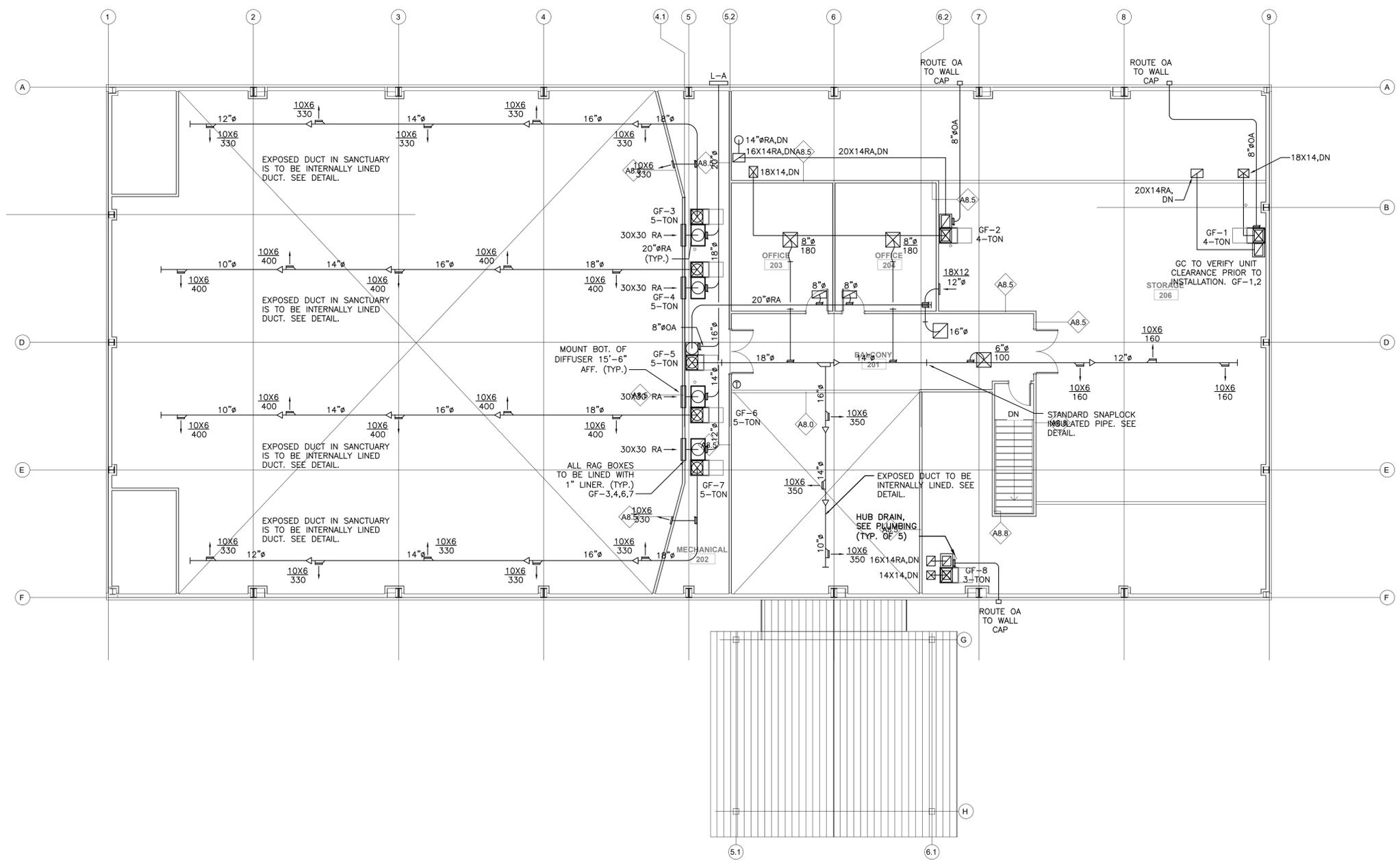
M-1.0

DATE: 07/22/2022



JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET



1 MECHANICAL SECOND FLOOR PLAN  
 M-1.1 SCALE: 1/8" = 1'-0"

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

MECHANICAL  
 SECOND FLOOR  
 PLAN

M-1.1

DATE: 07/22/2022

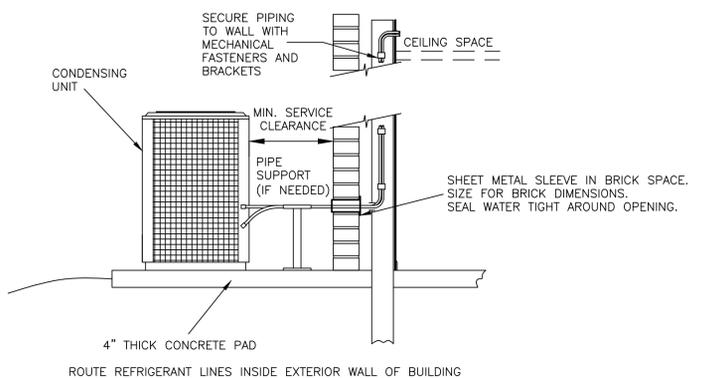




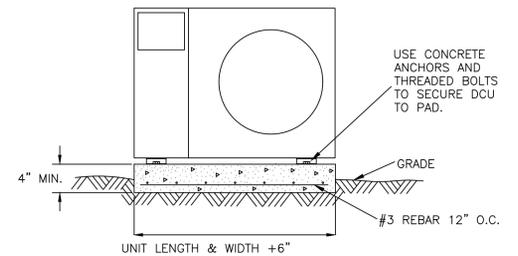


JOB: 22-034  
DRW: TT/LS/KS  
CHK: TT/LS/KS

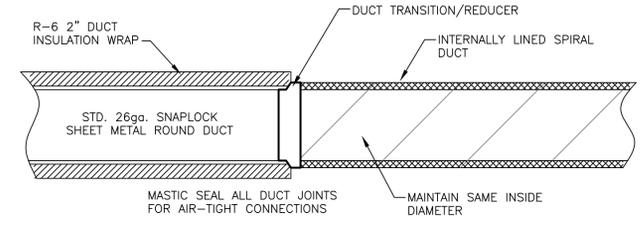
REVISIONS	DATE	NUMBER	COMMENTS	PERMIT SET
	07/22/22			



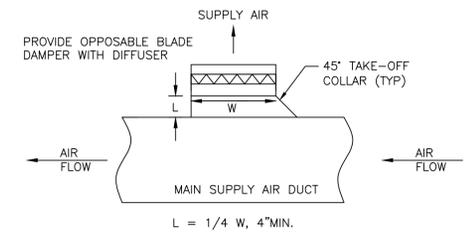
**CONDENSING UNIT DETAIL**  
NOT TO SCALE



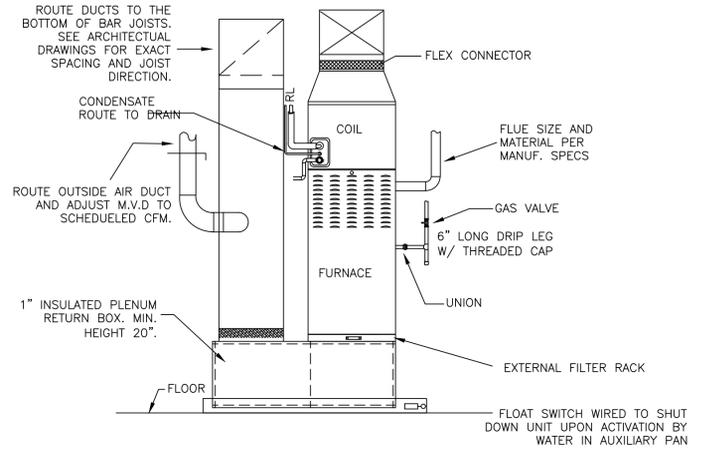
**CONCRETE FOUNDATION PAD**  
NOT TO SCALE



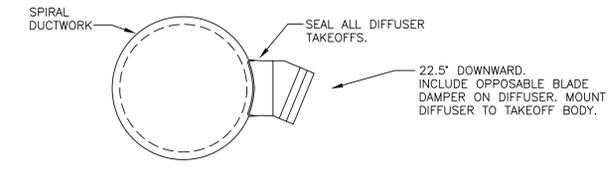
**INTERNALLY LINED SPIRAL TRANSITION**  
NOT TO SCALE



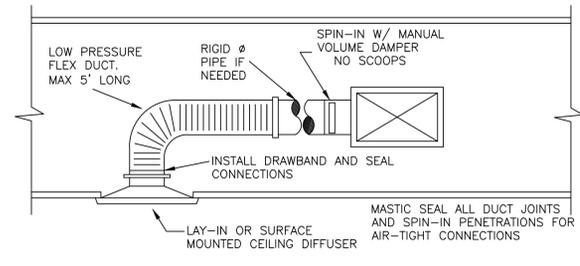
**DIFFUSER WITH 45° TAKE-OFF DETAIL**  
NOT TO SCALE



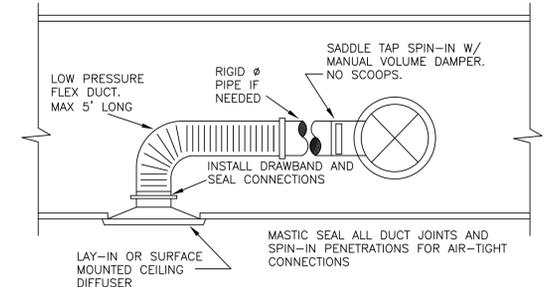
**GAS FURNACE / COIL UNIT DETAIL**  
NOT TO SCALE



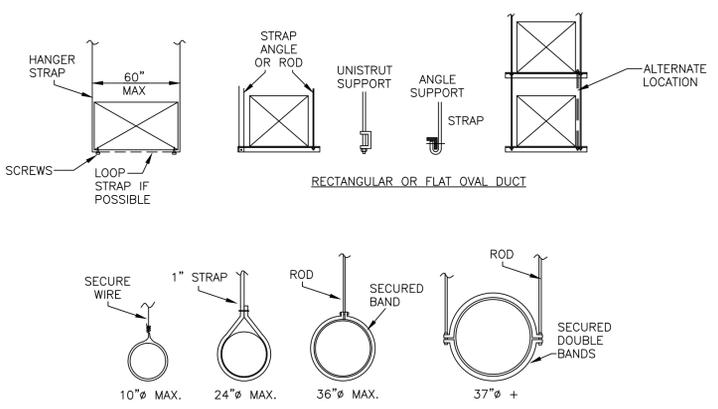
**22.5° TAKE-OFF DETAIL**  
NOT TO SCALE



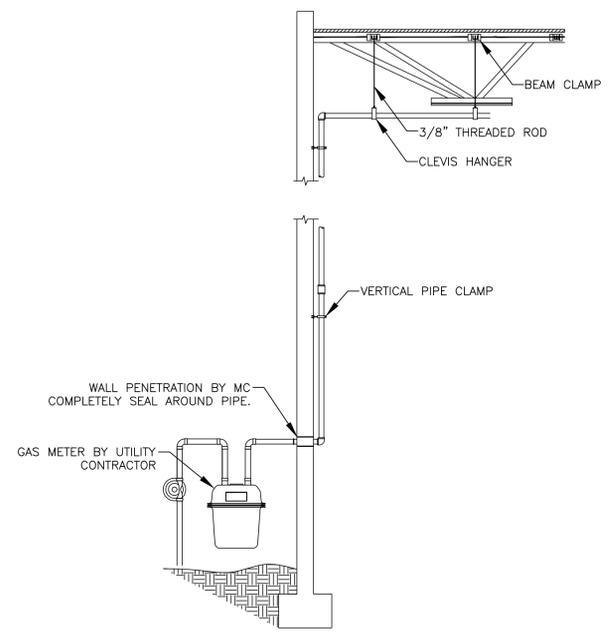
**TYPICAL SIDE FLEX-DUCT CONNECTION**  
NOT TO SCALE



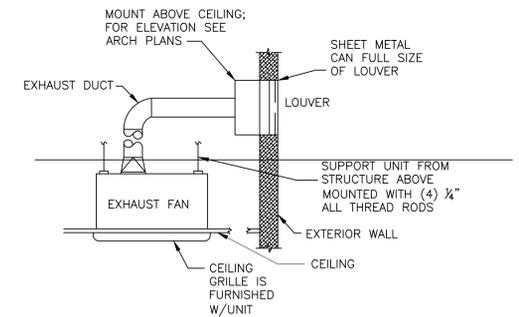
**TYPICAL SIDE FLEX-DUCT CONNECTION**  
NOT TO SCALE



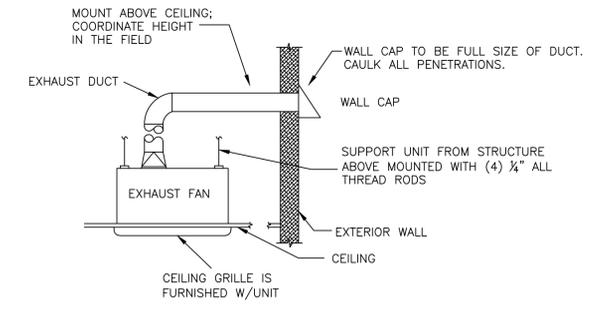
**DUCTWORK SUPPORT DETAIL**  
NOT TO SCALE



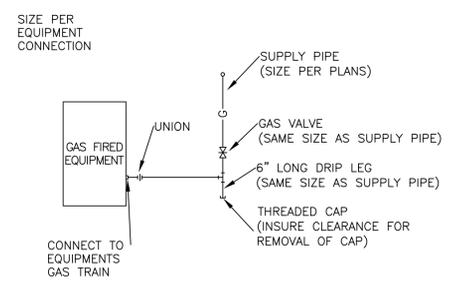
**INTERIOR GAS PIPE RISER DETAIL**  
NOT TO SCALE



**CEILING EXHAUST FAN DETAIL**  
NOT TO SCALE



**CEILING EXHAUST FAN DETAIL**  
NOT TO SCALE



**GAS EQUIPMENT CONNECTION**  
NOT TO SCALE

**GAS FURNACE UNIT SCHEDULE**

MARK	BOD MAKE	BOD MODEL	COOLING COIL CAP. TONS	HEATING CAP. INPUT/OUTPUT (MBH)	ESP (in.WC)	CFM	EFFICIENCY AFUE %	VOLT/PH	MCA	MOCP	O.A. REQ	SMOKE DETECTOR	NOTES
GF-1	CARRIER	59SP5A	4	80/78	0.5"	1600	96	120/1	13.5	15	250	NO	1,2,3
GF-2	CARRIER	59SP5A	4	80/78	0.5"	1600	96	120/1	13.5	15	250	NO	1,2,3
GF-3	CARRIER	59SP5A	5	100/97	0.5"	1980	96.3	120/1	15.6	20	400	NO	1,2,3
GF-4	CARRIER	59SP5A	5	100/97	0.5"	2000	96.3	120/1	15.6	20	400	NO	1,2,3
GF-5	CARRIER	59SP5A	5	100/97	0.5"	2000	96.3	120/1	15.6	20	400	NO	1,2,3
GF-6	CARRIER	59SP5A	5	100/97	0.5"	2000	96.3	120/1	15.6	20	250	NO	1,2,3
GF-7	CARRIER	59SP5A	5	100/97	0.5"	1980	96.3	120/1	15.6	20	400	NO	1,2,3
GF-8	CARRIER	59SP5A	3	60/58	0.5"	1200	96	120/1	10.6	15	250	NO	1,2,3

NOTES:  
 1. PROVIDE EVAPORATOR COOLING COIL TO MATCH EFFICIENCY OF CONDENSING UNIT AND TO FIT FURNACE OPENING  
 2. PROVIDE PVC CONCENTRIC VENT TERMINAL KIT AND APPROPRIATE WALL FLASHING. KITS TO PROVIDE BOTH COMBUSTION AND EXHAUST AIR.  
 3. PROVIDE 7-DAY PROGRAMMABLE THERMOSTAT.

**HEAT PUMP CONDENSING UNIT SCHEDULE**

MARK	MAKE	MODEL	TONNAGE	HEATING @ 47°F OUTDOOR (BTU)	COP @ 47°	SEER	VOLT/PH	MCA	MOCP	NOTES
HP-1	CARRIER	25HCE448	4	45,500	3.64	14 SEER	208/3	14.5	25	1
HP-2	CARRIER	25HCE448	4	45,500	3.64	14 SEER	208/3	14.5	25	1
HP-3	CARRIER	25HCE460	5	54,500	3.7	14 SEER	208/3	21.5	30	1
HP-4	CARRIER	25HCE460	5	54,500	3.7	14 SEER	208/3	21.5	30	1
HP-5	CARRIER	25HCE460	5	54,500	3.7	14 SEER	208/3	21.5	30	1
HP-6	CARRIER	25HCE460	5	54,500	3.7	14 SEER	208/3	21.5	30	1
HP-7	CARRIER	25HCE460	5	54,500	3.7	14 SEER	208/3	21.5	30	1
HP-8	CARRIER	25HCE436	3	33,800	3.64	14 SEER	208/3	11.7	20	1

NOTES:  
 1. ALL UNITS TO BE EQUIPPED WITH LONG LINE ACCESSORY KIT FOR R-410A REFRIGERANT. SIZE REFRIGERANT LINES AS NECESSARY AND PER LONG LINE APPLICATION GUIDELINE AS RECOMMENDED BY MANUFACTURER. UNITS ARE PLACED NOT TO EXCEED 175' LINEAR LINE LENGTH.

**CEILING EXHAUST FAN SCHEDULE**

MARK	MAKE	MODEL	CFM	POWER	ESP ("W.C)	SONES	TYPE	LOCATION	VOLT/PH	WEIGHT (lbs)	QTY.	NOTES
EF-A	GREENHECK	SP-B110	75	80W	0.5"	2.0	CEILING	RESTROOMS/JANITORS	120/1	10	2	1
EF-B	GREENHECK	SP-A290	225	81W	0.5"	3.0	CEILING	RESTROOMS	120/1	24	2	1

NOTES:  
 1. FAN TO BE INTERLOCKED TO LIGHT SWITCH OR ON SEPARATE SWITCH ADJACENT TO LIGHT SWITCH FOR OPERATION DURING OCCUPIED HOURS

**MINI-SPLIT/DUCTLESS HEAT PUMP UNIT SCHEDULE**

MARK	MAKE	MODEL	TYPE	SEER	TONNAGE	COOLING BTU TOTAL	HEATING BTU @ 47°F	CFM	VOLT/PH	MCA	MOCP	NOTES
DAHU-1 / DHP-1	DAIKIN	MSZ-FE12NA-8 / MUZ-FE12NA1	WALL MOUNT	23	1	12,000	13,600	410	208/1	12	15	1,2,3

NOTES:  
 1. PROVIDE WIRED WALL MOUNT 7-DAY PROGRAMMABLE THERMOSTAT, INLINE CONDENSATE PUMP TO CARRY TO ROOF.  
 2. INSTALL LINESETS VIA MANUFACTURER'S INSTRUCTIONS.  
 3. INDOOR UNIT POWERED FROM OUTDOOR UNIT.

**STATIONARY LOUVER SCHEDULE**

MARK	MAKE	MODEL	SIZE W"XH"	FREE AREA (FT)	MOTOR OPERATED	VOLT/PH	MCA	NOTES
L-A	GREENHECK	EDJ-401	30X30	2.8	NO	-	-	1,2

NOTES:  
 1. MILL FINISH  
 2. INCLUDE BIRD SCREEN, FLANGED FRAME, FLASHING TO MATCH ARCHITECTURAL STANDARD DETAILS

**TYPICAL AIR DISTRIBUTION SCHEDULE**

SYMBOL	TYPE	MAKE	MODEL	ACCESSORIES
☒	24X24 SUPPLY LAY-IN	TITUS	TMS	1
☒	24X24, 24X12 EGG CRATE RETURN	TITUS	50F	3
☒	SURFACE MOUNT SUPPLY GRILLE	TITUS	300RS	2
☒	SURFACE MOUNT RETURN GRILLE	TITUS	350RL	

ACCESSORIES:  
 1. INSULATED BACK  
 2. OPPOSABLE BLADE DAMPER  
 3. INSULATED BOX, ROUND DUCT TRANSITION

**EQUIPMENT NOTES**

NOTE: ALL APPROVED EQUALS MUST MEET BASIC MATERIALS AND COMPONENTS OF THE BASIS OF DESIGN MODEL IN THE SCHEDULES.

- SPLIT-SYSTEM UNIT APPROVED EQUALS: CARRIER, TRANE, LENNOX
- MINI SPLIT-SYSTEM UNIT APPROVED EQUALS: MITSUBISHI, LG, DAIKIN, SANYO, TRANE, CARRIER
- CEILING EXHAUST FAN APPROVED EQUALS: GREENHECK, BROAN, PENNBARRY
- LOUVER APPROVED EQUALS: GREENHECK, RUSKIN, ARROW
- AIR DISTRIBUTION APPROVED EQUALS: TITUS, NAILOR, KREUGER, METAL-AIRE
- THERMOSTAT TO BE EQUAL TO HONEYWELL 8000 SERIES WITH REMOTE SENSOR CAPABILITIES

**DESIGN CONDITIONS**

- DESIGN BASED ON OUTSIDE AMBIENT ASHRAE CONDITIONS FOR ATLANTA, GA:  
 93.8°F DRY BULB, 73.4°F WET BULB - SUMMER (ASHRAE 0.4%)  
 18°F DRY BULB - WINTER (ASHRAE 99.6%)
- INDOOR CONDITIONS ARE DESIGNED FOR:  
 OFFICE - SUMMER (COOLING) - 72°F DRY BULB / 50% RELATIVE HUMIDITY  
 OFFICE - WINTER (HEATING) - 70°F DRY BULB
- CALCULATIONS BASED ON CRITERIA FOUND IN ASHRAE HANDBOOK OF FUNDAMENTALS FOR NONRESIDENTIAL HEATING AND COOLING LOAD APPLICATIONS
- SYSTEM DESIGN IS BASED ON BUILDING AS SHOWN IN THESE CONSTRUCTION DOCUMENTS. HVAC DESIGN DOES NOT INCLUDE EXTRA CAPACITY FOR FUTURE EXPANSION.
- HVAC DESIGN AND EQUIPMENT SELECTION IS BASED ON THE 2015 INTERNATIONAL ENERGY CODE, 2018 INTERNATIONAL MECHANICAL CODE AND 2018 INTERNATIONAL FUEL GAS CODE.

**OUTDOOR AIR VENTILATION RATE CALCULATIONS**

USING IMC 2018 403.3

FORMULA:  $V_{bz} = R_p P_z + R_a A_z$

	UNIT	Rp (cfm/per)	Pz	Ra (cfm/sq.ft)	Az (sq.ft.)	Vbz (CFM)
Vbz - Breathing Zone (Req'd air) in CFM	GF-1	5	14	0.06	1,397	154
Rp - Outdoor Airflow Rate Per Person	GF-2	5	15	0.06	1,414	160
Pz - Zone Population	GF-3	5	67	0.06	1,319	415
Ra - Outdoor Airflow Rate Per Unit Area	GF-4	5	67	0.06	1,319	415
Az - Zone Floor Area (sq.ft.)	GF-5	5	67	0.06	1,319	415
	GF-6	5	9	0.06	3296	243
	GF-7	5	67	0.06	1,319	415
	GF-8	5	12	0.06	1,368	143



JOB:	22-034
DRW:	TT/LS/KS
CHK:	TT/LS/KS
REVISIONS	
DATE	07/22/22
NUMBER	
COMMENTS	
PERMIT SET	

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**MECHANICAL SCHEDULES & NOTES**  
**M-3.0**  
 DATE: 07/22/2022

### MECHANICAL PIPING NOTES

#### GENERAL PIPING NOTES:

1. ALL PIPING SHOULD BE SUPPORTED FROM STRUCTURAL MEMBERS. DO NOT REST PIPING ON CEILING TILES OR SUSPENDED GRID. PIPING HUNG FROM ROOF JOISTS SHALL BE SECURED AT THE TOP CHORD OF THE JOIST. PIPING SHOULD BE SUPPORTED IN INTERVALS AS LISTED IN THE MECHANICAL CODE TABLES AND AT EVERY CHANGE IN DIRECTION. PIPING SHALL BE NEAT AND STRAIGHT.
2. ALL PIPING SHALL BE CONNECTED TO EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
3. DIELECTRIC UNIONS SHOULD BE USED TO CONNECT ALL DISSIMILAR METALS.
4. ALL STEEL PIPING EXPOSED TO THE OUTDOORS SHALL BE PAINTED WITH NO LESS THAN 2 COATS OF RUST-O-LEUM TYPE PAINT.
5. ALL VALVES TO BE 1/4 TURN BALL VALVES UNLESS OTHERWISE NOTED.
6. ALL SCH. 40 BLACK STEEL PIPING 2.5" NOMINAL SIZE AND SMALLER MAY BE THREADED. PIPING 3" AND LARGER MUST BE FLANGED OR WELDED.
7. REFRIGERANT PIPING FOR HVAC SYSTEMS
  - 7.1. SHALL BE ACR COPPER TUBING WITH BRAZED JOINTS AND FITTINGS. SUCTION PIPING SHALL BE INSULATED WITH 3/4" CLOSED CELL INSULATION OR PER ENERGY CODE, WHICHEVER IS GREATER. ALL OUTDOOR PIPING AND INSULATION SHALL BE COATED WITH NO LESS THAN 2 LAYERS OF WHITE ELASTOMERIC COATING EQUAL TO HENRY - 287 SF SOLAR FLEX. COPPER PIPING SHOULD NOT BE IN DIRECT CONTACT WITH METAL ITEMS AS TO PREVENT WEAR FROM PIPE VIBRATION.
8. CONDENSATE PIPING
  - 8.1. ON THE ROOF OR OPEN AREAS MAY BE SCH. 40 PVC. CONDENSATE PIPING, IN A SHAFT, CHASE, CONCEALED AREA OR RETURN AIR PLENUM SPACE MUST BE CPVC OR COPPER TYPE M WITH INSULATION AND JACKET THAT MEETS REQUIREMENTS FOR INSULATION WITHIN A RETURN AIR PLENUM. PIPING SHALL BE TRAPPED PER MANUFACTURER'S REQUIREMENTS DEPENDING ON STATIC PRESSURE OF THE SYSTEM AND ROUTED TO THE NEAREST DRAIN. CONDENSATE PIPING MUST INSULATED IF THE CONDENSATE TEMPERATURE IS MORE THAN 15°F BELOW THE AMBIENT AIR TEMPERATURE OR LESS THAN 55°F.
9. GAS PIPING
  - 9.1. TO BE SCH. 40, BLACK CARBON STEEL. SEE GAS PIPING NOTES.
10. IDENTIFICATION:
  - 10.1. PROVIDE PLASTIC AND PERMANENT NAMEPLATES WITH THE UNIT NUMBER ON ALL MECHANICAL EQUIPMENT. PROVIDE PIPE IDENTIFICATION LABELS INCLUDING DIRECTION OF FLOW ARROWS AND WITH SERVICE INDICATED. ALL LABELS SHALL HAVE BACKGROUND COLORS MATCHED WITH SPECIFIC SERVICE DESIGNATION. LABELS SHOULD BE PROVIDED BOTH INSIDE AND OUTSIDE OF BUILDING TO SHOW APPROPRIATE SERVICE TYPE AND FLOW DIRECTION.
11. PIPE TESTING:
  - 11.1. REFRIGERATION/GAS COPPER PIPE: 450 PSIG NITROGEN TEST. HOLD NITROGEN TESTS FOR A MINIMUM OF ONE HOUR WITHOUT LOSS OF PRESSURE.
12. RETESTING: RETEST PIPING FAILING INITIAL TESTS FOLLOWING CORRECTION OF DEFECTIVE WORK. REQUIREMENTS OF INITIAL TESTS SHALL APPLY.

#### GAS PIPING NOTES:

13. GAS PIPING SYSTEM IS DESIGNED FOR 11.0" W.C. GAS PIPING HAS BEEN SIZED PER 2018 IFGC 402.4
14. GAS PIPING AND FITTING - BLACK CARBON STEEL, BUTT WELDED OR STANDARD WEIGHT MALLEABLE IRON SCREWED (SEE NOTE 3), SCHEDULE 40 PIPE MEETING REQUIREMENTS OF ASTM A 234.
15. GAS PIPING SYSTEM SHALL BE TESTED AS FOLLOWS: TESTS SHOULD INCLUDE COMPRESSED AIR, CARBON DIOXIDE OR NITROGEN GAS. PRESSURE TESTS SHALL BE CONDUCTED ON THE DOWNSTREAM SIDE OF THE METER AFTER THE PIPING IS FULLY INSTALLED WITH TEST PORTS. THE PIPING SHALL BE PRESSURIZED TO A MINIMUM PRESSURE OF 20 PSIG AND HELD FOR A PERIOD OF NOT LESS THAN ONE(1) HOUR WITH THE COMPRESSOR DISCONNECTED. TEST EACH JOINT WITH A SOAPY WATER SOLUTION FOR LEAKS DURING PRESSURE TEST. IF ANY JOINT FAILS THE LEAK TEST THE JOINT SHALL BE CORRECTED, AND COMPLETE NEW TEST SHOULD BE MADE.
16. PROVIDE DRIP LEGS WITH SCREW FIT BOTTOMS AT A MINIMUM 3" ABOVE FINISHED GRADE OR ROOF.
17. PROVIDE CUT-OFF VALVES IN GAS PIPING AT EACH GAS CONSUMING APPLIANCE OR EQUIPMENT AND AT EACH PRESSURE REGULATOR VALVE. ON LINES SERVING GAS FIRED EQUIPMENT, INSTALL GAS COCKS ADJACENT TO EQUIPMENT CABINET AND EASILY ACCESSIBLE.
18. INSTALL 6" LONG MINIMUM DIRT LEG, WITH PIPE CAP, ON VERTICAL GAS DROP SERVING EACH GAS-FIRED EQUIPMENT UNIT. USE FITTING FOR ANY CHANGES OF DIRECTION IN PIPE AND FOR BRANCH RUNOUTS.
19. UNIONS ARE NOT PERMITTED IN HIGH PRESSURE GAS PIPING EXCEPT AT THE FOLLOWING LOCATIONS: DOWNSTREAM OF APPLIANCE SHUT-OFF VALVES, METER LOCATIONS AND IMMEDIATELY DOWNSTREAM OF THE BUILDING SHUT-OFF VALVE.
20. LABEL ALL GAS PIPE AT NO MORE THAN 50' INTERVALS WITH BLACK AND YELLOW LABELS STATING "NATURAL GAS" ALONG WITH THE PRESSURE. EXAMPLE: "NATURAL GAS 5 PSIG"
21. ALL GAS PIPE OUTSIDE SHALL BE PAINTED WITH NO LESS THAN 2-COATS OF RUST-O-LEUM TYPE PAINT; COLOR AS APPROVED BY OWNER.

### HVAC SPECIFICATIONS AND NOTES

#### CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL PROVIDE A COMPLETE HVAC SYSTEM AS SHOWN SCHEMATICALLY TO INCLUDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT FOR A COMPLETE AND FUNCTIONAL SYSTEM INCLUDING ALL NECESSARY COMPONENTS CUSTOMARILY INCLUDED IF NOT SPECIFICALLY CALLED OUT.
2. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES, LAWS AND ORDINANCES. PROVIDE ACCESS TO OWNER'S AUTHORIZED PERSONS AND THE POLICE, FIRE OR OTHER DEPARTMENTS HAVING LEGAL JURISDICTION TO THE SITE AT ALL TIMES AND PROVIDE COOPERATION IN THEIR WORK.
3. THE CONTRACTOR SHALL VERIFY ALL ELECTRICAL CHARACTERISTICS WITH ELECTRICAL DRAWINGS BEFORE PURCHASING EQUIPMENT. PRESENT ANY CONFLICTS TO THE GENERAL CONTRACTOR AND ENGINEER BEFORE PURCHASING EQUIPMENT.
4. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS.
5. ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS AND EQUIPMENT STORED.
6. THE CONTRACTOR SHALL ACCEPT THE PROJECT SITE IN "AS IS" CONDITION. CONTRACTOR SHALL INCLUDE COSTS OF ALL REQUIRED MODIFICATIONS IN ACCORDANCE WITH APPLICABLE PLANS AND SPECIFICATION SECTIONS.
7. THE DIMENSIONS AND COUNTS PROVIDED ON THE DRAWINGS AND IN THE SPECIFICATIONS ARE FIELD MEASURED AND/OR TAKEN FROM EXISTING DRAWINGS AND MAY NOT BE EXACTLY AS SHOWN OR INDICATED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE SITE, TAKE NECESSARY MEASUREMENTS AND COUNTS PRIOR TO PROCEEDING WITH THE WORK.
8. THE CONTRACTOR SHALL VISIT THE JOB SITE AND THOROUGHLY FAMILIARIZE THEMSELVES WITH ALL DETAILS OF THE WORK AND THE EXISTING CONDITIONS AND SHALL VERIFY DIMENSIONS, CLEARANCES AND EXISTING CONDITIONS AND BE ASSURED THAT THE EQUIPMENT PURCHASED WILL FIT INTO THE AVAILABLE SPACE.
9. DISPOSE OF ALL WASTE MATERIALS IMMEDIATELY AND KEEP PREMISES CLEAN AT ALL TIMES.
10. ALL MATERIALS SHALL BE NEW, CLEAN, AND WITHOUT DEFECTS. ANY DEFECTIVE MATERIALS SHALL BE REMOVED FROM JOB SITE.
11. DO NOT LOAD STRUCTURES WITH WEIGHT THAT WILL ENDANGER STRUCTURE.
12. DO NOT UNREASONABLY ENCUMBER SURROUNDING PREMISES WITH MATERIALS OR EQUIPMENT.
13. CONFINE OPERATIONS AT THE SITE TO AREAS PERMITTED BY LAW ORDINANCES, PERMITS, CONTRACT DOCUMENTS AND THE OWNER.
14. THE CONTRACT OPERATIONS SHOULD NOT CAUSE ANY HINDRANCE, NUISANCE, LACK OF SAFETY, BLOCKED MEANS OF ENTRANCE AND EXIT, DAMAGE TO PROPERTY AND PERSON, DISRUPTION OF UTILITIES, EXCESSIVE AND OFFENSIVE NOISE AND DUST TO ANY OF THE ADJOINING PROPERTIES AND PERSONS. REMOVE SUCH CONDITION FORTHWITH, SHOULD THEY OCCUR AND REPAIR OR REPLACE THE DAMAGE AT OWN COST TO THE APPROVAL OF THE ENGINEER.

#### DUCTWORK

15. ALL DUCT DIMENSIONS SHOWN ARE INSIDE CLEAR (UNLESS OTHERWISE NOTED).
16. THE CONTRACTOR SHALL REVIEW STRUCTURAL DRAWINGS BEFORE FABRICATING OR INSTALLING DUCTWORK OR EQUIPMENT TO AVOID ANY CONFLICTS. FIELD FABRICATE DUCTWORK TO JOB CONDITIONS.
17. ALL DUCTWORK SHALL BE FABRICATED OF GALVANIZED STEEL OF THICKNESS AND GAUGES TO CONFORM TO SMACNA DUCT CONSTRUCTION STANDARDS. OTHER DUCT MATERIAL TYPES WILL BE NOTED ON THE PLANS.
18. ALL LOW PRESSURE FLEXIBLE DUCT SHALL BE CONNECTED TO LOW PRESSURE DUCT WITH SPIN-IN FITTINGS AND MANUAL DAMPERS.
19. LOW PRESSURE FLEX DUCT SHALL BE A MAXIMUM OF 5 FEET LONG AND SHALL BE SIZED AS FOLLOWS:
 

CFM	FLEXDUCT DIAMETER
0 - 100	6"
101 - 200	8"
201 - 300	10"
301 - 500	12"
20. INDOOR CONCEALED DUCT:
  - 20.1. SUPPLY & RETURN DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" THICK R-6 FIBERGLASS DUCT INSULATION WITH ALUMINUM FOIL BACKING.
21. INDOOR EXPOSED DUCT:
  - 21.1. LOW PRESSURE SUPPLY DUCTWORK SHALL BE SPIRAL ROUND OR RECTANGULAR AS INDICATED WITH 1" R-6 THICK INTERIOR LINER.
22. EXHAUST DUCT
  - 22.1. EXHAUST DUCT THROUGH A CONDITIONED SPACE DOES NOT NEED TO BE INSULATED.
23. OUTDOOR AIR DUCT
  - 23.1. OUTDOOR AIR DUCTWORK SHALL BE EXTERNALLY INSULATED WITH 2" THICK R-6 FIBERGLASS DUCT INSULATION WITH ALUMINUM FOIL BACKING.
24. ALL 90° ELBOWS SHALL BE PROVIDED WITH SINGLE WALL TURNING VANES.
25. ALL JOINTS AND SEAMS IN ALL SHEETMETAL DUCT WORK SHALL BE SEALED WITH DUCT SEALER, UL LISTED 181A OR 181B FOR TAPES AND MASTICS. DO NOT USE DUCT TAPE.
26. PROVIDE AIR EXTRACTORS AS REQUIRED FOR AIR BALANCING.
27. SPIN-IN FITTINGS OR STICK ON FITTINGS WITH DAMPERS SHALL BE APPLIED TO ALL SUPPLY DUCTWORK. NO SCOOPS ARE ALLOWED IN FITTINGS.

#### GENERAL HVAC NOTES:

28. CONTROLS
  - 28.1. INSTALL ALL ROOM THERMOSTATS 48" AFF.
  - 28.2. UNLESS NOTED OTHERWISE; STARTERS, DUCT, NON-ADDRESSABLE SMOKE DETECTORS, TRANSFORMERS, CONTROLS AND CONTROLLED WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTORS.
  - 28.3. ADDRESSABLE SMOKE DETECTORS SHOULD BE PROVIDED BY FIRE ALARM CONTRACTOR AND INSTALLED BY MECHANICAL CONTRACTOR.
  - 28.4. ALL REQUIRED HVAC CONTROL WIRING NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF MECHANICAL WORK.
29. AIR BALANCE
  - 29.1. BALANCE ALL AIR SYSTEMS TO PRODUCE THE VOLUMES AND QUANTITIES SHOWN ON DRAWINGS OR SPECIFIED USING NEBB OR AABC CERTIFIED TEST AND BALANCE CONTRACTOR.
30. FILTERS
  - 30.1. MECHANICAL CONTRACTOR TO PROVIDE (1) SET OF CLEAN NEW FILTERS FOR ALL HVAC SYSTEMS AT TIME OF OWNER TRAINING OR CO.
31. FIRE STOPPING
  - 31.1. ALL PIPE AND DUCT PENETRATIONS OF FIRE AND SMOKE RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO THE ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE MANUFACTURED BY 3M CO. CP 25 CAULK, CS195 COMPOSITE PANEL, FS 195 WRAP/STRIP, OR PSS 7900 SERIES SYSTEM AS RECOMMENDED BY MFG. FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
  - 31.2. INSTALL FIRE DAMPERS IN ALL DUCTS PASSING THROUGH FIRE RATED WALLS. REFER TO ARCHITECTURAL DRAWINGS FOR ALL FIRE WALLS.
32. PROVIDE PLASTIC AND PERMANENT NAMEPLATES WITH THE UNIT/TAG NUMBER ON ALL MECHANICAL EQUIPMENT. TAG SHOULD BE IN CONTRAST TO THE BACKGROUND AND SHOULD BE MECHANICALLY FASTENED TO THE EQUIPMENT, NOT VIA ADHESIVE ONLY.
33. MAINTAIN A MINIMUM OF 10" CLEARANCE BETWEEN ANY OUTDOOR AIR INTAKES AND EXHAUST OUTLETS.
34. GAS PIPING TO BE SCH. 40, BLACK CARBON STEEL. SEE GAS PIPING NOTES.



JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

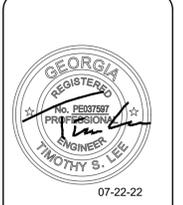
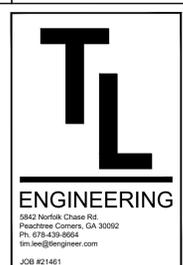
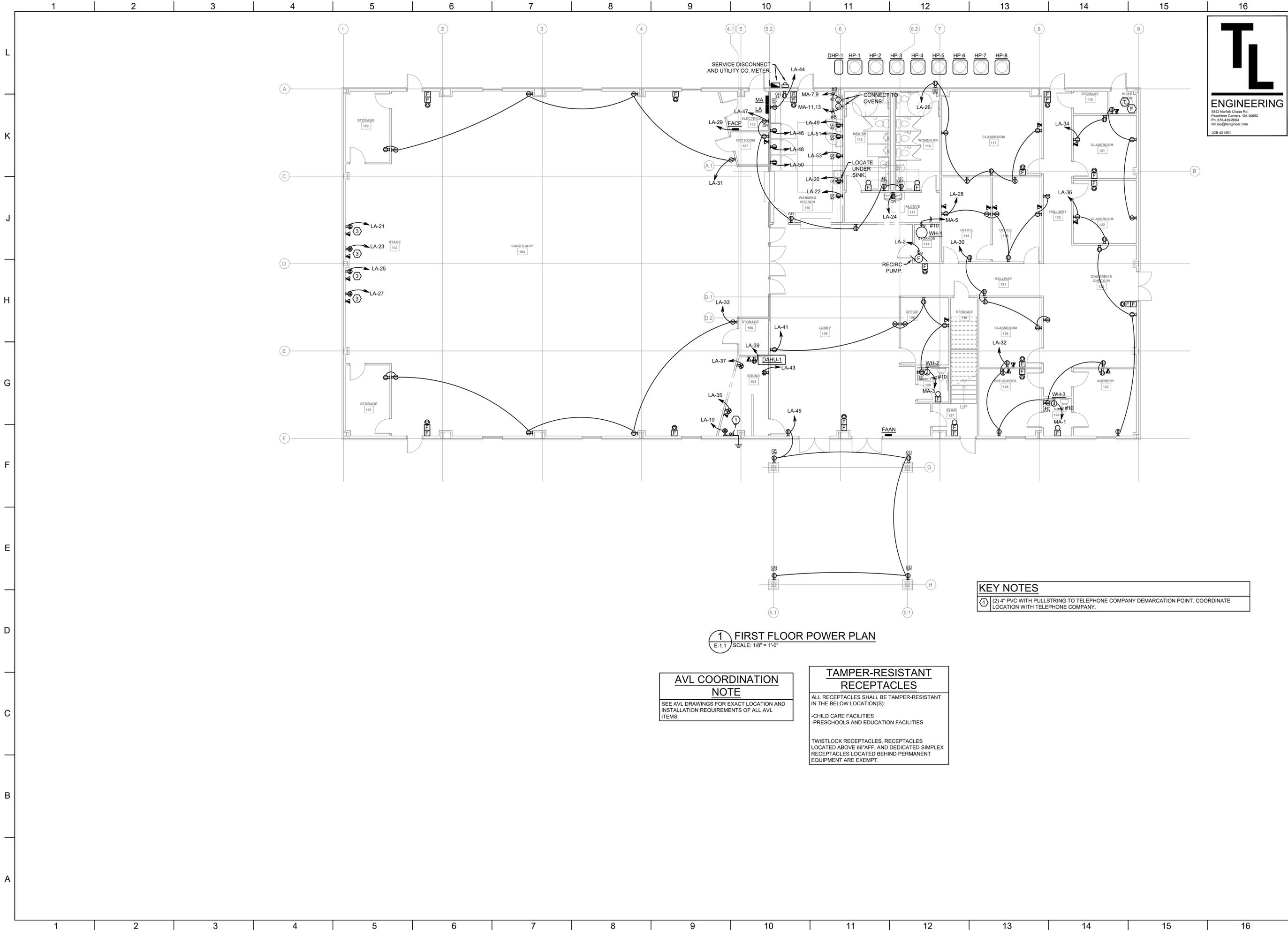
REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**MECHANICAL NOTES**

**M-3.1**

DATE: 07/22/2022



JOB: 22-034  
 DRW: T.S.L.  
 CHK: T.S.L.

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**FIRST FLOOR  
 POWER PLAN**

**E-1.1**

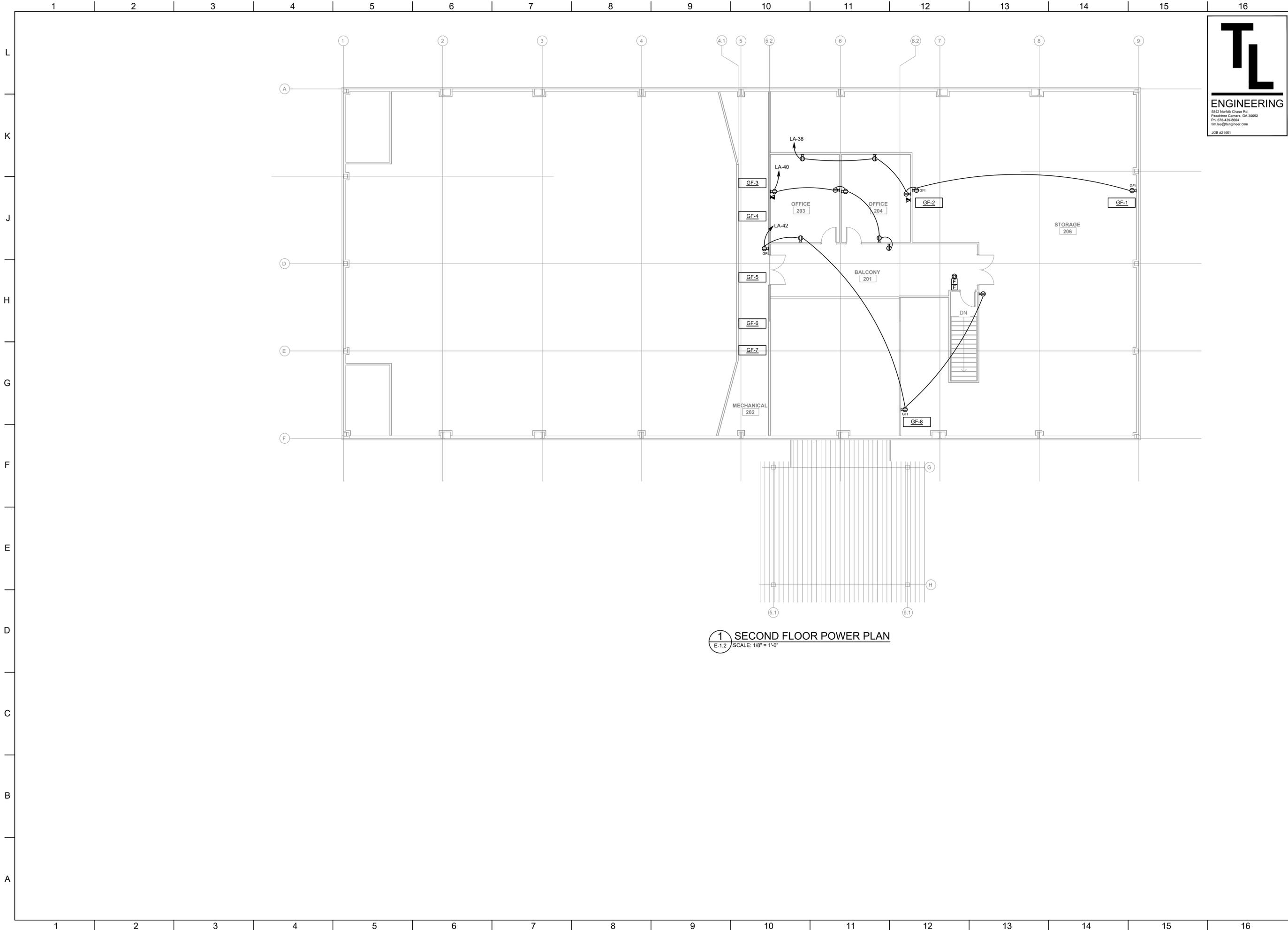
07/20/2022

**KEY NOTES**  
 (1) 4" PVC WITH PULL STRING TO TELEPHONE COMPANY DEMARCATION POINT. COORDINATE LOCATION WITH TELEPHONE COMPANY.

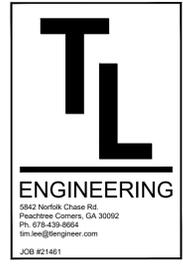
**AVL COORDINATION NOTE**  
 SEE AVL DRAWINGS FOR EXACT LOCATION AND INSTALLATION REQUIREMENTS OF ALL AVL ITEMS.

**TAMPER-RESISTANT RECEPTACLES**  
 ALL RECEPTACLES SHALL BE TAMPER-RESISTANT IN THE BELOW LOCATION(S):  
 -CHILD CARE FACILITIES  
 -PRESCHOOLS AND EDUCATION FACILITIES  
 TWISTLOCK RECEPTACLES, RECEPTACLES LOCATED ABOVE 66" AFF. AND DEDICATED SIMPLEX RECEPTACLES LOCATED BEHIND PERMANENT EQUIPMENT ARE EXEMPT.

**1 FIRST FLOOR POWER PLAN**  
 E-1.1 SCALE: 1/8" = 1'-0"



**1 SECOND FLOOR POWER PLAN**  
 E-1.2 SCALE: 1/8" = 1'-0"



**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 345-2579



JOB: 22-034  
 DRW: T.S.L.  
 CHK: T.S.L.

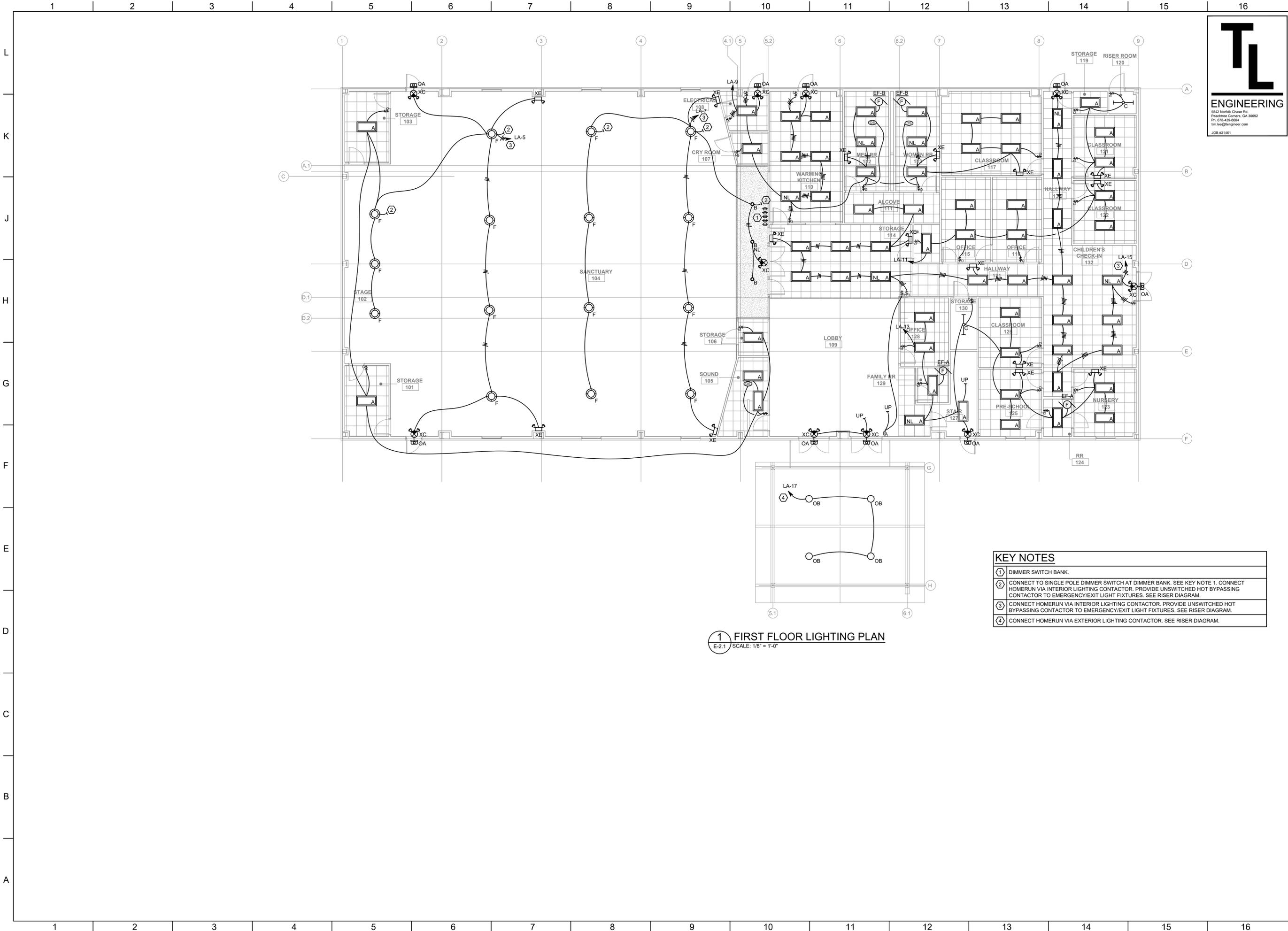
REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**SECOND FLOOR POWER PLAN**

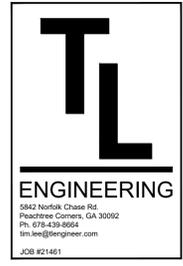
**E-1.2**

07/20/2022

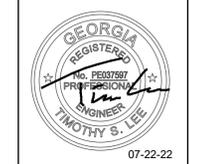


**1 FIRST FLOOR LIGHTING PLAN**  
 E-2.1 SCALE: 1/8" = 1'-0"

KEY NOTES	
1	DIMMER SWITCH BANK.
2	CONNECT TO SINGLE POLE DIMMER SWITCH AT DIMMER BANK. SEE KEY NOTE 1. CONNECT HOMERUN VIA INTERIOR LIGHTING CONTACTOR. PROVIDE UNSWITCHED HOT BYPASSING CONTACTOR TO EMERGENCY/EXIT LIGHT FIXTURES. SEE RISER DIAGRAM.
3	CONNECT HOMERUN VIA INTERIOR LIGHTING CONTACTOR. PROVIDE UNSWITCHED HOT BYPASSING CONTACTOR TO EMERGENCY/EXIT LIGHT FIXTURES. SEE RISER DIAGRAM.
4	CONNECT HOMERUN VIA EXTERIOR LIGHTING CONTACTOR. SEE RISER DIAGRAM.



**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 345-2579



JOB: 22-034  
 DRW: T.S.L.  
 CHK: T.S.L.

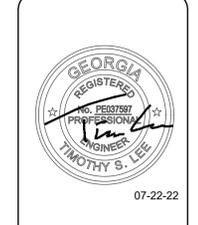
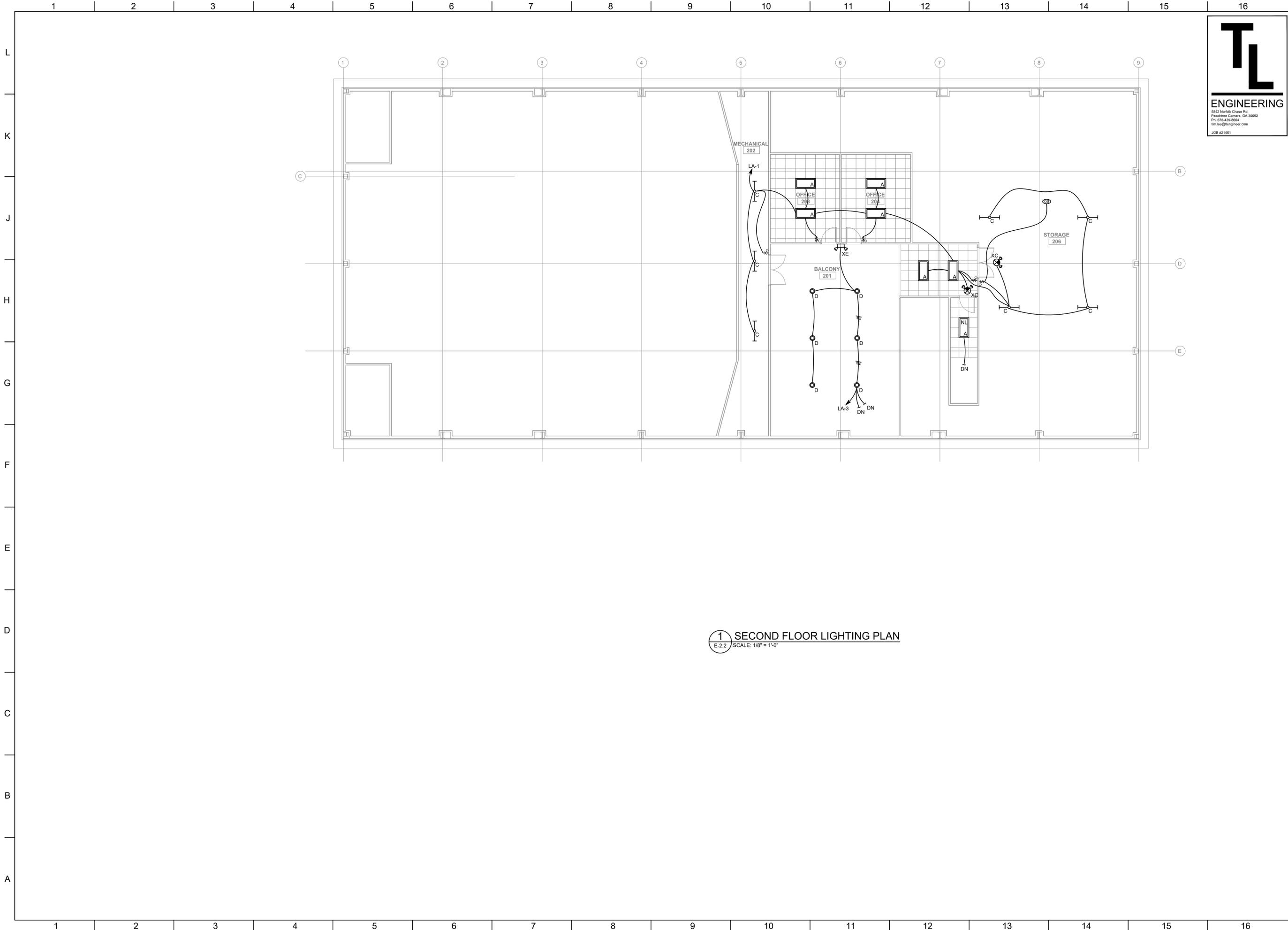
REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**FIRST FLOOR LIGHTING PLAN**

**E-2.1**

07/20/2022



JOB: 22-034  
DRW: T.S.L.  
CHK: T.S.L.

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

SECOND FLOOR LIGHTING PLAN  
**E-2.2**  
07/20/2022

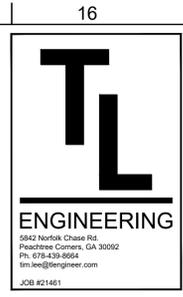
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
L	<b>ELECTRICAL LEGEND</b>															
		CONDUIT AND WIRE. CONCEALED IN CEILING, CAVITY, OR WALL IN FINISHED AREAS. EXPOSED IN UNFINISHED AREAS.														
		CONDUIT AND WIRE. CONCEALED IN SLAB OR UNDERGROUND.														
		CIRCUIT HOMERUN TO DESIGNATED PANEL AND CIRCUIT NUMBER.														
		SHORT TICK LINE INDICATE PHASE CONDUCTOR(S). LONG TICK LINE INDICATES NEUTRAL CONDUCTOR(S). HALF-ARROW TICK LINE INDICATES GROUND CONDUCTOR(S). ADDITIONAL GROUND CONDUCTOR (NOT SHOWN) SHALL BE PROVIDED IN PVC CONDUIT. PHASE AND NEUTRAL WIRE SIZE IS #12 UNLESS NOTED OTHERWISE AS SHOWN. GROUND AND CONDUIT SIZED PER NEC.														
		CONDUIT UP/DOWN.														
		GROUND.														
		TELEPHONE CONDUIT HOMERUN TO TELEPHONE CABINET (IF PRESENT) OR TELEPHONE SERVICE DEMARCATION POINT.														
		MOTORS: FRACTIONAL HORSEPOWER OR HORSEPOWER AS SHOWN.														
		UTILITY COMPANY METER.														
K		DISCONNECT SWITCHES: NON-FUSED AND FUSED. DISCONNECTS ARE 30/2NF/1/2/240V UNO. NOTATION AS FOLLOWS: ENCLOSURE RATING/POLES/FUSE RATING/NEMA RATING/VOLTAGE RATING.														
		PANELBOARD: SURFACE MOUNTED AND FLUSH MOUNTED.														
		3/4" FIRE-RATED PLYWOOD TELEPHONE BACKBOARD WITH #6 GROUND CONDUCTOR TO BUILDING STEEL.														
		SWITCHES, 20A, 120/277V, WALL MOUNTED 44" AFF UNO: SINGLE POLE, 2-POLE, 3-WAY, AND 4-WAY.														
		SWITCHES, 20A, 120/277V, WALL MOUNTED 44" AFF UNO: OCCUPANCY SENSOR, VACANCY SENSOR, MOTOR RATED, AND KEYS.														
		DIMMER SWITCH, 2000W, 120/277V, 44" AFF UNO.														
		OCCUPANCY SENSOR, VACANCY SENSOR, AND DAYLIGHT SENSOR. 120/277V, CEILING MOUNTED, POWER PACKS AS NECESSARY.														
		CEILING FAN OR HVLS FAN.														
		DUPLEX RECEPTACLE, 15A 125V, WALL MOUNTED 18" AFF UNO.														
		DEDICATED DUPLEX RECEPTACLE, 20A 125V, WALL MOUNTED 18" AFF UNO.														
J		QUADRUPLX RECEPTACLE, 15A 125V, WALL MOUNTED 18" AFF UNO.														
		SPECIAL RECEPTACLE, COORDINATE WITH EQUIPMENT, WALL MOUNTED 18" AFF UNO.														
		LOW VOLTAGE OUTLETS, WALL MOUNTED 18" AFF UNO: DATA, TELEPHONE, AND COMBINATION TELEPHONE/DATA OUTLET.														
		POWER JUNCTION BOX, WALL MOUNTED.														
		TELE/DATA JUNCTION BOX, WALL MOUNTED.														
		TELEVISION OUTLET, WALL MOUNTED 18" AFF UNO.														
		DUPLEX RECEPTACLE, 15A 125V, CEILING MOUNTED.														
		DEDICATED DUPLEX RECEPTACLE, 20A 125V, CEILING MOUNTED.														
		QUADRUPLX RECEPTACLE, 15A 125V, CEILING MOUNTED.														
		SPECIAL RECEPTACLE, COORDINATE WITH EQUIPMENT, CEILING MOUNTED.														
H		LOW VOLTAGE OUTLETS, CEILING MOUNTED: DATA, TELEPHONE, AND COMBINATION TELEPHONE/DATA OUTLET.														
		POWER JUNCTION BOX, CEILING MOUNTED.														
		TELE/DATA JUNCTION BOX, CEILING MOUNTED.														
		DUPLEX RECEPTACLE IN FLUSH FLOOR BOX, 15A 125V.														
		DEDICATED DUPLEX RECEPTACLE IN FLUSH FLOOR BOX, 20A 125V.														
		QUADRUPLX RECEPTACLE IN FLUSH FLOOR BOX, 20A 125V.														
		SPECIAL RECEPTACLE IN FLUSH FLOOR BOX, COORDINATE WITH EQUIPMENT.														
		FLUSH FLOOR BOXES: DATA, TELEPHONE, AND COMBINATION TELEPHONE/DATA OUTLET.														
		POWER JUNCTION BOX, FLOOR MOUNTED.														
		TELE/DATA JUNCTION BOX, FLOOR MOUNTED.														
G		TV JUNCTION BOX, FLOOR MOUNTED.														
		2-CHANNEL POWER AND TELE/DATA POWER POLE.														
		SECURITY CAMERA.														
		POWER PLUGMOLD. 2-CHANNEL IF TELE/DATA IS REQUIRED.														
		SPEAKERS: WALL MOUNTED AND CEILING MOUNETD.														
		DOORBELL, WALL MOUNTED 44" AFF UNO AND DOORBELL CHIME, WALL MOUNTED 80" AFF UNO.														
		JUNCTION BOXES FOR FURNITURE, WALL MOUNTED: POWER AND TELE/DATA.														
		JUNCTION BOXES FOR FURNITURE, CEILING MOUNTED: POWER AND TELE/DATA.														
		FURNITURE FLUSH FLOOR BOXES: POWER AND TELE/DATA.														
		SPRINKLER SWITCHES: TAMPER, FLOW, AND PRESSURE.														
F		FIRE ALARM PULL STATION, 44" AFF UNO.														
		FIRE ALARM PULL STATION, 44" AFF UNO AND HORN/STROBE, 80" AFF MIN., 96" AFF MAX.														
		FIRE ALARM HORN/STROBE, 80" AFF MIN., 96" AFF MAX.														
		FIRE ALARM HORN, 80" AFF MIN., 96" AFF MAX.														
		FIRE ALARM STROBE, 80" AFF MIN., 96" AFF MAX.														
		ELECTRIC BELL. PROVIDE 120V POWER.														
		120V SMOKE ALARM WITH BATTERY BACKUP. WALL MOUNTED, CEILING MOUNTED, AND ADA STROBE.														
		SYSTEM SMOKE DETECTORS: WALL AND CEILING MOUNTED.														
		SYSTEM HEAT DETECTORS: WALL AND CEILING MOUNTED.														
		CARBON MONOXIDE ALARM/DETECTORS: WALL OR CEILING MOUNTED.														
E		DUCT SMOKE DETECTOR.														
		MAGNETIC DOOR HOLD.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
D		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
C		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
B		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
A		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														
		FIRE ALARM CONTROL PANEL AND FIRE ALARM ANNUCIATOR PANEL.														

ELECTRICAL ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR TO CENTER OF DEVICE
AFG	ABOVE FINISHED GRADE TO CENTER OF DEVICE
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
BLDG	BUILDING
C/L	CENTERLINE
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CBB	CABLE TELEVISION BACKBOARD
CKT	CIRCUIT
COL	COLUMN
COND	CONDUIT
CONT	CONTINUOUS
CT	CURRENT TRANSFORMER
CTRLS	CONTROLS
CU	COPPER
D	DEDICATED
DN	DOWN
DWG	DRAWING
E	EXISTING DEVICE
EF	EXHAUST FAN
F	FUSED
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
G/GND	GROUND
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFPE	GROUND FAULT PROTECTION OF EQUIPMENT
H	HOSPITAL GRADE DEVICE
HOA	HAND-OFF-AUTOMATIC
HOR	HORIZONTALLY MOUNTED.
HP	HORSEPOWER
HS	HALF SWITCHED
IG	ISOLATED GROUND
KVA	KILOVOLT-AMPERE
KW	KILOWATT
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MLO	MAIN LUG ONLY
MOD	MOTOR OPERATED DAMPER
MTR	MOTOR
N	NEW DEVICE
NEC	NATIONAL ELECTRICAL CODE
NF	NONFUSED
NL	NIGHT LIGHT
NRC	NEAREST RECEPTACLE CIRCUIT
NTS	NOT TO SCALE
PIV	POST INDICATOR VALVE
R	RELOCATED DEVICE
RTU	ROOFTOP UNIT
SPD	SURGE PROTECTION DEVICE
TBB	TELEPHONE BACKBOARD
TELE	TELEPHONE
TL	TWISTLOCK
TR	TAMPER-RESISTANT
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WP	WEATHERPROOF

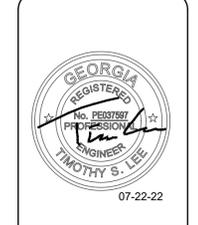
ELECTRICAL GENERAL NOTES	
1.	ALL WORK SHALL BE IN ACCORDANCE WITH ALL BUILDING CODES, REGULATIONS, ORDINANCES, LAWS, AND THE NFPA 70, NATIONAL ELECTRICAL CODE (NEC) IN EFFECT.
2.	ALL WORK SHALL BE PERFORMED IN A NEAT AND FIRST-CLASS WORKMANLIKE MANNER.
3.	BEFORE SUBMITTING BID, THE SITE SHALL BE VISITED AND EXISTING CONDITIONS EXAMINED BY THE CONTRACTOR. ANY CONFLICTS THAT WILL PREVENT THE WORK FROM BEING COMPLETED ACCORDING TO THE INTENT AND SPECIFICATIONS AND DRAWINGS SHALL BE REPORTED. NO ALLOWANCE WILL BE GRANTED FOR ABSENCE OF KNOWLEDGE OF THE WORK OR SITE.
4.	BEFORE BEGINNING WORK, SECURE ALL NECESSARY PERMITS OR CLEARANCES FROM THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL BE LICENSED TO PERFORM WORK AT THE WORK LOCATION. ALL INSPECTIONS NECESSARY FOR COMPLETE ELECTRICAL INSTALLATION SHALL BE OBTAINED.
5.	ALL EQUIPMENT, SYSTEMS, AND COMPONENTS OF WORK SHALL BE THOROUGHLY TESTED, FREE FROM DEFECT, AND OPERATING PROPERLY PRIOR TO FINAL DELIVERY TO THE OWNER. ALL WORK SHALL BE GUARANTEED FOR ONE YEAR AFTER FINAL DELIVERY.
6.	ELECTRICAL DRAWINGS ARE DIAGRAMMATIC, INDICATING THE GENERAL ARRANGEMENT AND LOCATION OF ELECTRICAL WORK ONLY. COORDINATE ACTUAL LOCATIONS AND DIMENSIONS OF WORK WITH ACTUAL LOCATIONS OF OTHER TRADE'S WORK.
7.	COORDINATE WITH UTILITY COMPANIES ANY RESPECTIVE UTILITY WORK. COORDINATE LOCATION, CHARACTERISTICS, AND ANY SPECIAL REQUIREMENTS, (E.G. VOLTAGE, PHASE, REQUIRED CONDUIT SIZES, NUMBER OF CONDUITS, EXTRA DISCONNECTING MEANS, TELEPHONE CABINET SIZE, ETC.)
8.	"UL" LABELED AND LISTED DEVICES SHALL BE USED WHERE REQUIRED BY CODE. DEVICES SHALL BE NEW UNLESS NOTED OTHERWISE.
9.	COORDINATE ALL ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT WITH RESPECTIVE TRADES AND EQUIPMENT SUPPLIERS, (E.G. MECHANICAL, PLUMBING, FIRE PROTECTION, KITCHEN, DENTAL, MEDICAL, ELEVATOR, OWNER PROVIDED EQUIPMENT, ETC.)
10.	A NUMBERED TYPE-WRITTEN DIRECTORY FOR ALL NEW OR UPDATED PANELBOARDS, LOAD CENTERS, AND SWITCHBOARDS SHALL BE PROVIDED. CIRCUIT IDENTIFICATION SHALL INCLUDE SPARES, SPACES, AND DETAILS DISTINGUISHABLE FROM OTHERS.
11.	ALL ELECTRICAL EQUIPMENT SHALL BE IDENTIFIED WITH PERMANENT LABELS. EXTERIOR LABELS SHALL BE WEATHERPROOF.
12.	PANELBOARDS SHALL BE DEAD-FRONT WITH NO UNCOVERED SPACES OR MISSING KNOCKOUTS.
13.	ALL CONDUCTORS SHALL BE COPPER WITH THHN/THWN INSULATION UNLESS OTHERWISE NOTED. MINIMUM WIRE SIZE SHALL BE #14 AWG FOR 15A CIRCUITS IN DWELLING UNITS ONLY. MINIMUM WIRE SIZE SHALL BE #12 AWG FOR ALL OTHER AREAS.
14.	PROVIDE A DEDICATED NEUTRAL FOR EACH NEW CIRCUIT. SHARED NEUTRALS MAY ONLY BE USED ON BALANCED CIRCUITS THAT SHARE THE SAME CIRCUIT BREAKER (2-POLE, 3-POLE CIRCUIT BREAKERS).
15.	BRANCH CIRCUITING SHALL BE THHN COPPER IN EMT RACEWAY UNLESS OTHERWISE NOTED.
16.	TYPE MC CABLE MAY BE USED IN LIEU OF EMT FOR BRANCH CIRCUITS IN WALLS AND ABOVE CEILINGS WHERE ALLOWED BY THE NEC.
17.	RACEWAYS SHALL BE INSTALLED CONCEALED WHENEVER POSSIBLE.
18.	NUMBER OF WIRE, WIRE SIZE, AND CONDUIT SIZE MAY NOT BE SHOWN FOR ALL CIRCUITS. ONLY SHOWN WHERE CLARIFICATION IS NECESSARY. PROVIDE ACCORDING TO NEC REQUIREMENTS WHERE NOT SHOWN.
19.	PROVIDE AN ADDITIONAL EQUIPMENT GROUNDING CONDUCTOR WHEN PVC CONDUIT IS USED.
20.	PROVIDE EXPANSION JOINTS IN ALL RACEWAYS/CONDUITS AT LOCATIONS WHERE RACEWAYS/CONDUITS CROSS BUILDING EXPANSION JOINTS. PROVIDE EXPANSION JOINTS WHERE EXPANSION IS ANTICIPATED TO BE 1/4" INCH OR GREATER.
21.	ALL CONDUCTORS SHALL BE SIZED TO MEET THE VOLTAGE DROP REQUIREMENTS OF THE NEC AND ENERGY CODE WITH A MAXIMUM OF 5% COMBINED VOLTAGE DROP TOTAL FOR FEEDER AND BRANCH CIRCUITING.
22.	PROVIDE FIRE STOPPING AT ALL PENETRATIONS THROUGH RATED WALLS, FLOORS, AND CEILINGS TO MAINTAIN FIRE RATING.
23.	ALL BACK-TO-BACK ELECTRICAL BOXES IN FIRE RATED WALLS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION OF 24". UL LISTED WALL OPENING PROTECTIVE MATERIALS (PUTTY PADS) MAY BE USED IN LIEU OF SEPARATION REQUIREMENTS.
24.	ALL CEILING MOUNTED LIGHTING FIXTURES SHALL BE INDIVIDUALLY SUPPORTED FROM THE STRUCTURAL FRAMING MEMBERS ABOVE.
25.	DRY-TYPE TRANSFORMERS SHALL BE RATED WITH CLASS 155 OR HIGHER INSULATION SYSTEMS AND COMPLETELY ENCLOSED EXCEPT FOR VENTILATION OPENINGS.
26.	ALL WEATHERPROOF RECEPTACLE COVERS SHALL BE EXTRA DUTY TYPE.
27.	VERIFY ALL DEVICE COLOR/FINISH WITH ARCHITECT, INTERIOR DESIGNER, OR OWNER. UNLESS OTHERWISE SPECIFIED, MATCH EXISTING COLOR/FINISH OR PROVIDE DEVICES IN COLOR: WHITE.
28.	ALL NON-DWELLING UNIT ELECTRICAL EQUIPMENT (SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS) SHALL BE FIELD OR FACTORY MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. IN ADDITION, ANY NON-DWELLING UNIT SERVICE EQUIPMENT RATED 1200 AMPS OR MORE SHALL HAVE A PERMANENT LABEL OF THE FOLLOWING: 1) NOMINAL SYSTEM VOLTAGE, 2) AVAILABLE FAULT CURRENT AT THE SERVICE OVERCURRENT PROTECTIVE DEVICES, AND 3) CLEARING TIME OF SERVICE OVERCURRENT PROTECTIVE DEVICES BASED ON THE AVAILABLE FAULT CURRENT AT THE SERVICE EQUIPMENT.
29.	EQUIPMENT LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED LOCATED IN LIMITED ACCESS SPACES PER NEC 110.26(A)(4) SHALL HAVE A WORKING SPACE OF THE WIDTH OF THE EQUIPMENT ENCLOSURE OR A MINIMUM OF 30", WHICHEVER IS GREATER. WORKING SPACE DEPTH SHALL BE 36"-48" PER NEC TABLE 110.26(A)(1). WORKING SPACE HEIGHT SHALL BE THE HEIGHT NECESSARY TO INSTALL THE EQUIPMENT. A HORIZONTAL CEILING STRUCTURAL MEMBER OR ACCESS PANEL SHALL BE PERMITTED IN THIS SPACE. ENCLOSURE DOORS SHALL BE CAPABLE OF OPENING A MINIMUM OF 90 DEGREES.

LIGHT FIXTURE SCHEDULE			
DESIGNATION	DESCRIPTION	LAMPING	WATTS/VOLTS
A	2"x4" RECESSED LAY-IN LIGHT FIXTURE	LED	55W 120V-277V
B	6" DOWNLIGHT, RECESSED, DIMMABLE	LED	20W 120V-277V
C	4' STRIP	LED	45W 120V-277V
D	PENDANT, LOBBY, DIMMABLE	3000 LUMEN LED	50W 120V-277V
F	UFO PENDANT, SANCTUARY, DIMMABLE	12000 LUMEN LED	150W 120V-277V
XC	COMBINATION EXIT/EMERGENCY LIGHT FIXTURE WITH EMERGENCY BATTERY	LED	5W 120V-277V
XE	DUAL HEAD EMERGENCY WITH EMERGENCY BATTERY	LED	5W 120V-277V
OA	EXTERIOR ABOVE PEDESTRIAN DOOR LIGHT WITH EMERGENCY BATTERY AND PHOTOCCELL COMPASS #CUSO4DB-ND, OR EQUAL	LED	25W 120V-277V
OB	EXTERIOR CANOPY PENDANT	LED	50W 120V-277V

NOTES:  
1. COORDINATE COLOR, FINISH, TRIM, AND OTHER AESTHETICS WITH ARCHITECTURAL DRAWINGS OR OWNER.  
2. PROVIDE ALL NECESSARY OPTIONS/MOUNTS/ACCESSORIES FOR THE APPROPRIATE CEILING TYPES FOR COMPLETE INSTALLATION.  
3. LIGHT FIXTURES CONTROLLED BY A DIMMER SHALL BE COORDINATED TO MATCH DIMMING TYPES.  
4. LIGHT FIXTURES IN LOCATIONS UNDERGROUND, SUBJECT TO WATER, OR EXPOSED TO WEATHER SHALL BE WET LOCATION LISTED. LIGHT FIXTURES IN LOCATIONS SUBJECT TO MODERATE DEGREES OF MOISTURE SHALL BE DAMP LOCATION LISTED.



**CSC DESIGN, INC.**  
ARCHITECTS & ENGINEERS  
135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115  
(770) 345-2579



JOB: 22-034  
DRW: T.S.L.  
CHK: T.S.L.

REVISIONS	DATE	NUMBER	COMMENTS

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

NOTES AND LEGEND

**E-3.1**  
07/20/2022

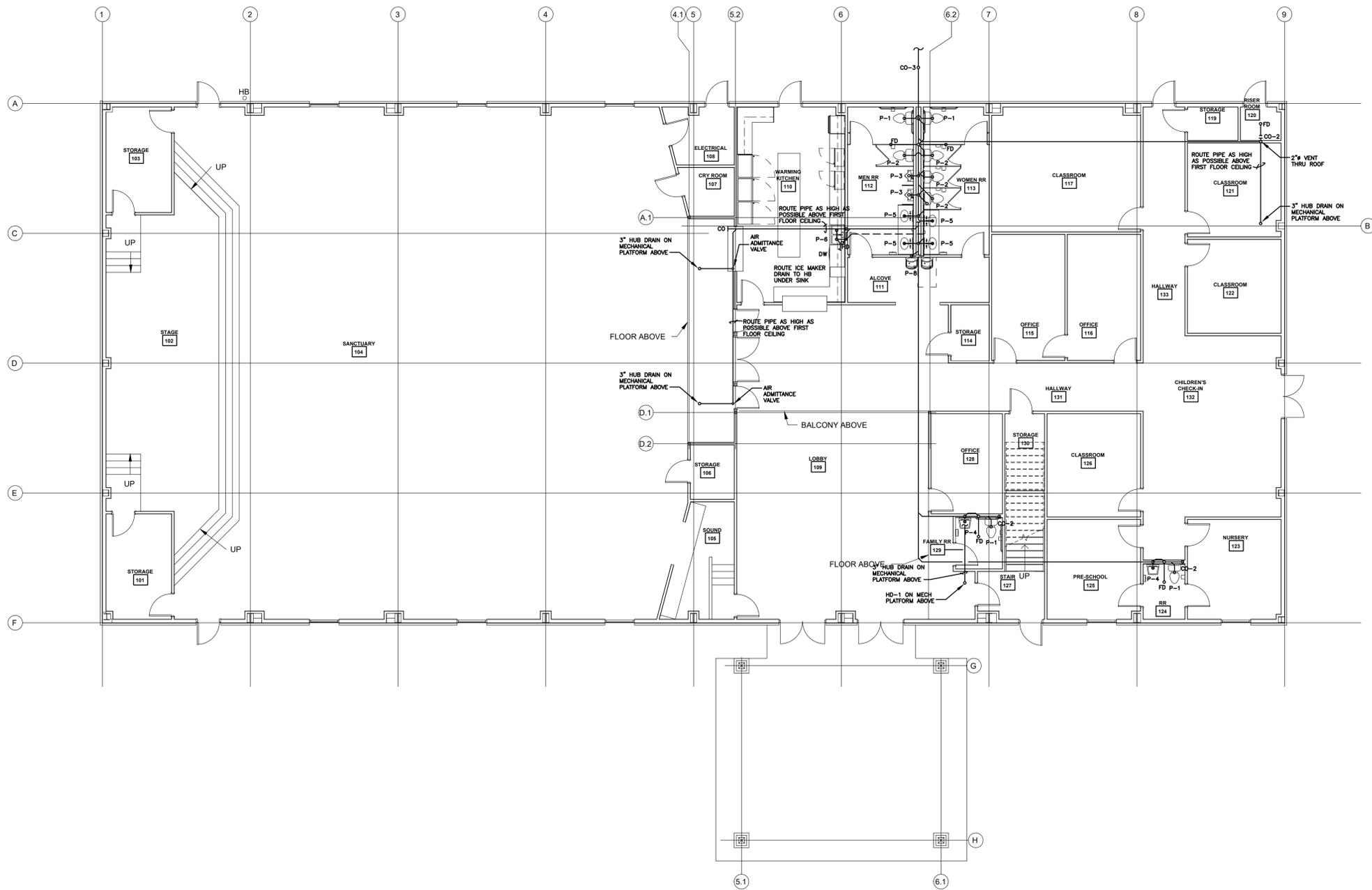




07/22/22

JOB: 22-034  
DRW: TT/LS/KS  
CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET



**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

**PLUMBING  
FIRST FLOOR  
WASTE & VENT  
PLAN**

**P-1.0**  
DATE: 07/22/2022

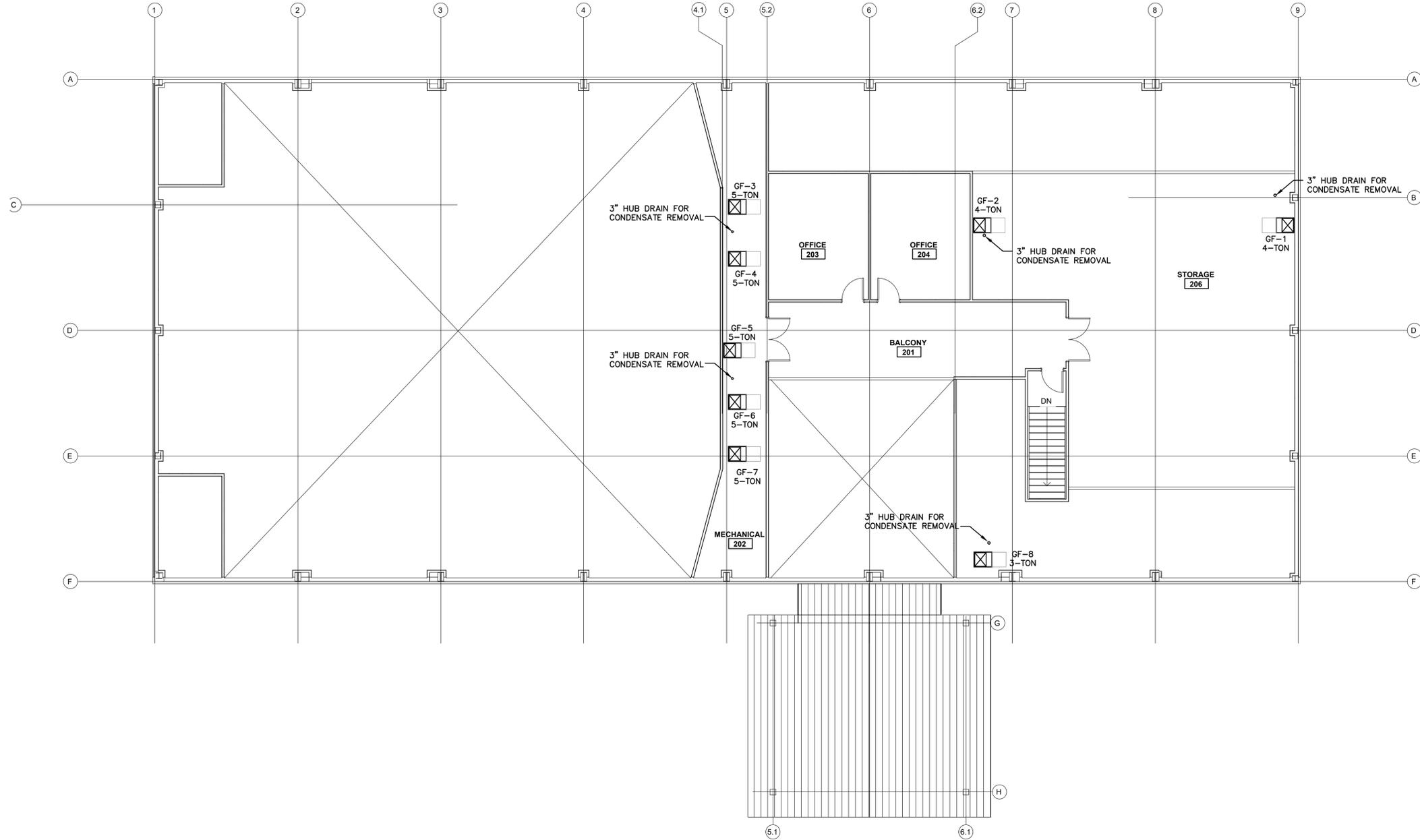




07/22/22

JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET



**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**PLUMBING  
 SECOND FLOOR  
 WASTE & VENT  
 PLAN**

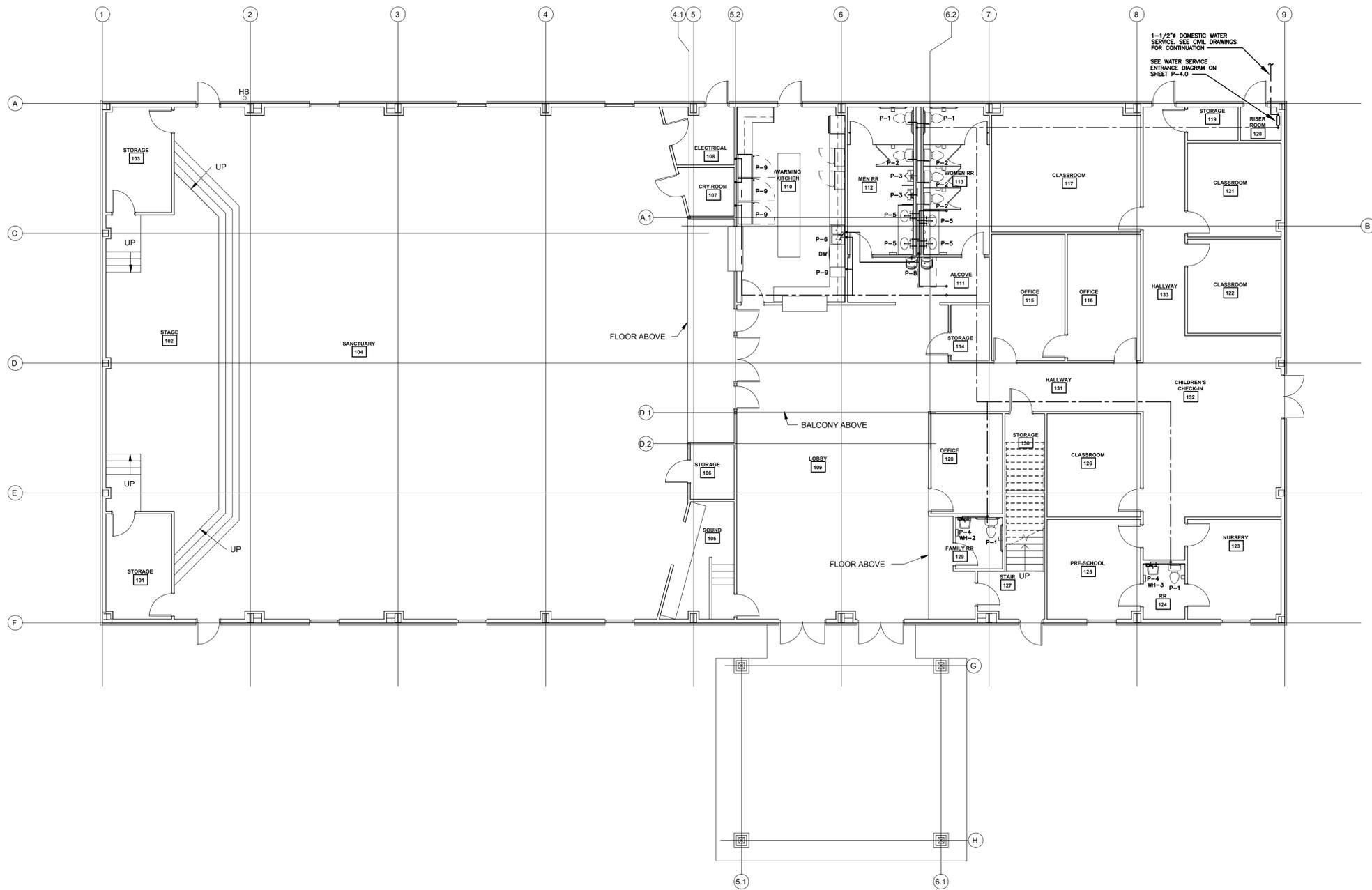
**P-1.1**

DATE: 07/22/2022





JOB: 22-034  
DRW: TT/LS/KS  
CHK: TT/LS/KS



1-1/2" DOMESTIC WATER SERVICE. SEE CIVIL DRAWINGS FOR CONTINUATION.  
SEE WATER SERVICE ENTRANCE DIAGRAM ON SHEET P-4.0

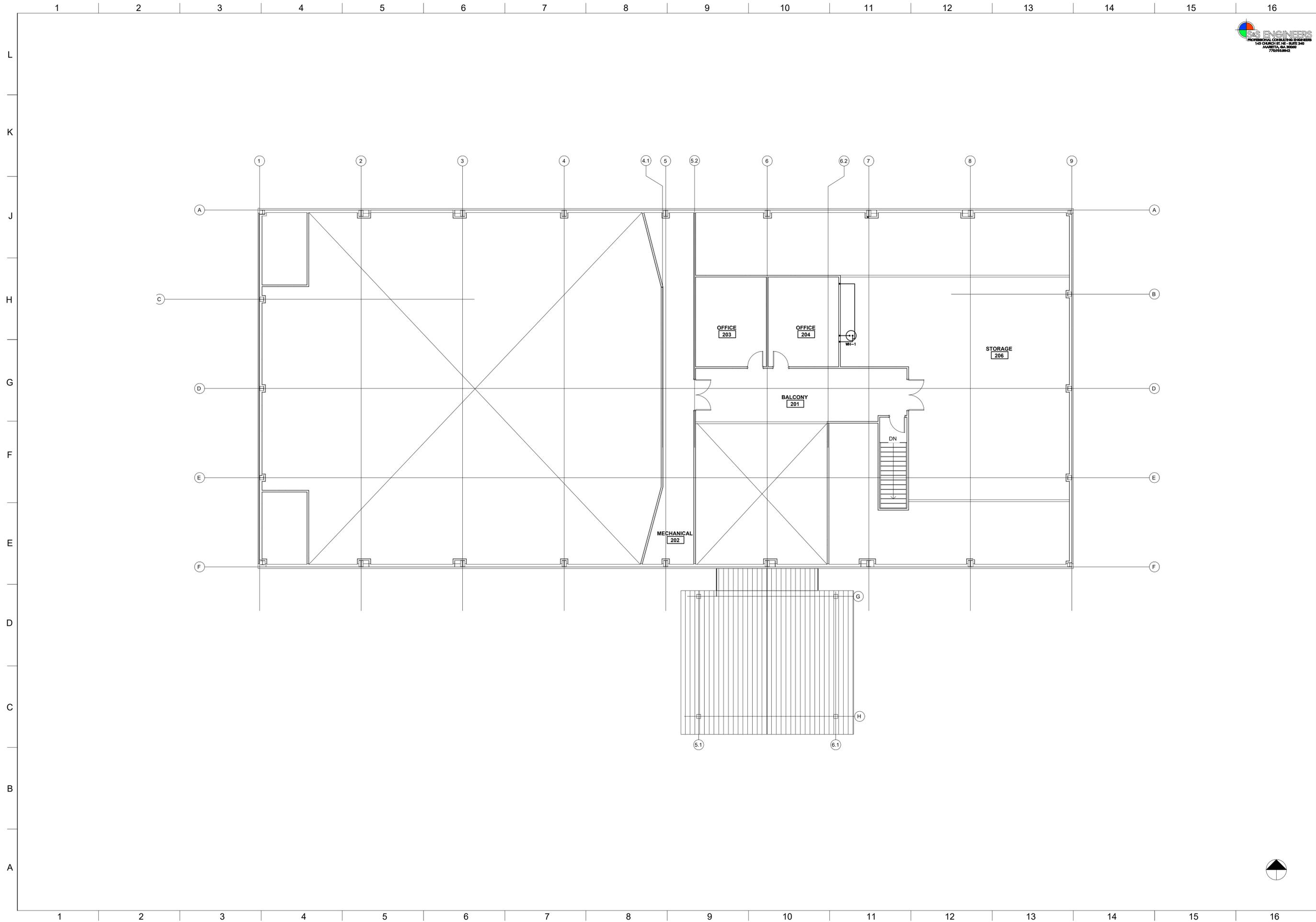
REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

**PLUMBING  
FIRST FLOOR  
DOMESTIC  
WATER PLAN**

**P-2.0**  
DATE: 07/22/2022





**CSC DESIGN, INC.**  
 ARCHITECTS & ENGINEERS  
 135 P. Rickman Industrial Dr.  
 Suite 100, Canton, GA 30115  
 (770) 345-2579



JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET

**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

**PLUMBING  
 SECOND FLOOR  
 DOMESTIC  
 WATER PLAN**

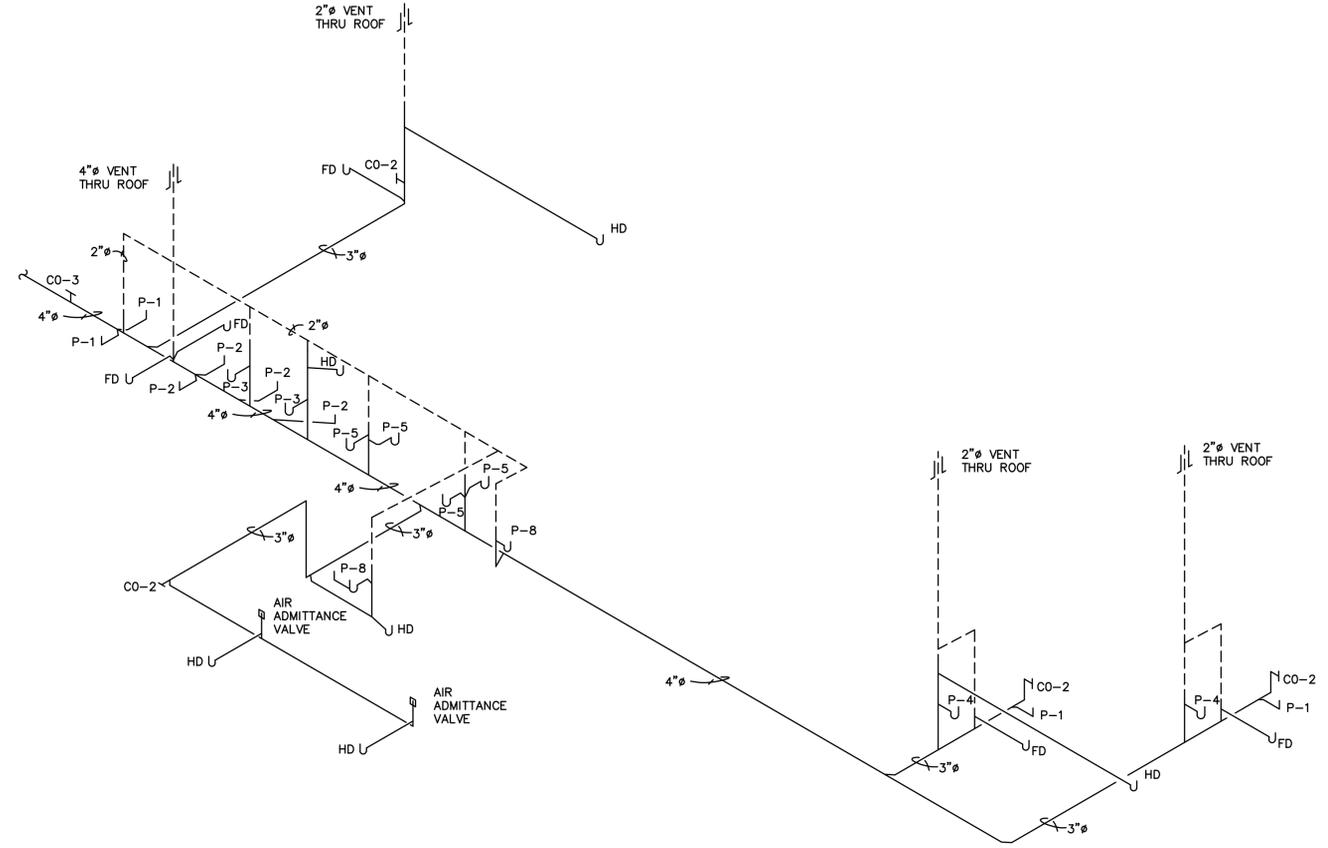
**P-2.1**  
 DATE: 07/22/2022



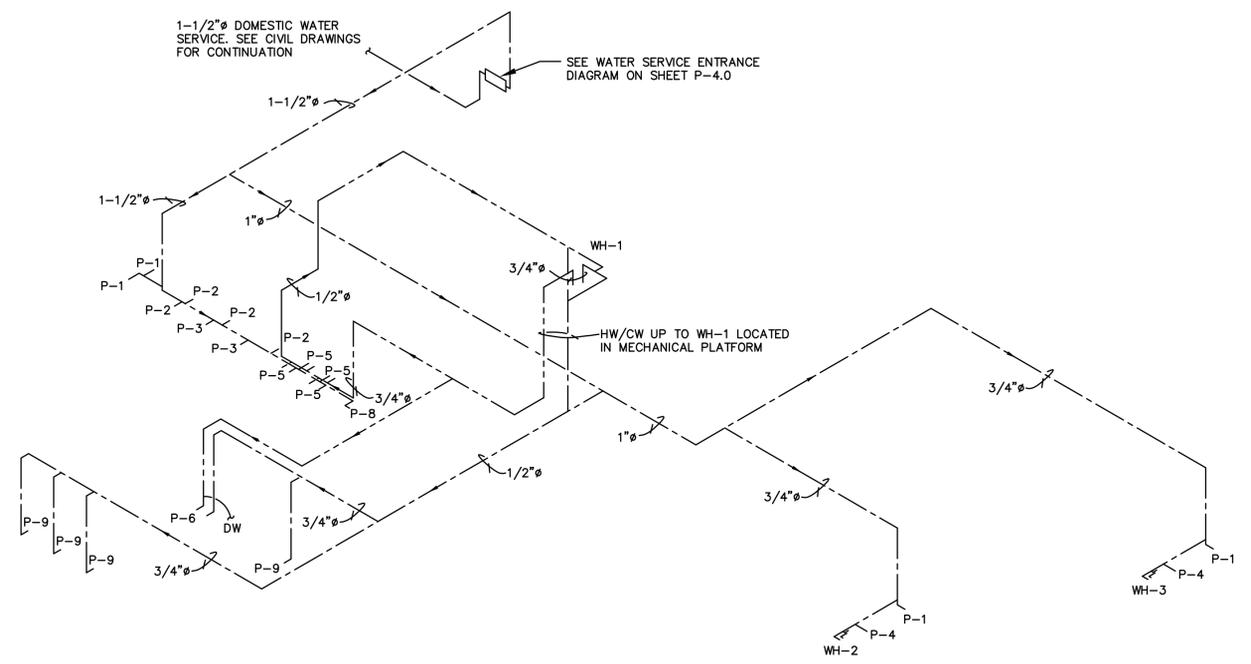
07/22/22  
 JOB: 22-034  
 DRW: TT/LS/KS  
 CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS
	07/22/22		PERMIT SET

L  
K  
J  
H  
G  
F  
E  
D  
C  
B  
A



**1 WASTE & VENT RISER DIAGRAM**  
 P-3.0 SCALE: NOT TO SCALE



**2 DOMESTIC WATER RISER DIAGRAM**  
 P-3.0 SCALE: NOT TO SCALE



**FELLOWSHIP OF THE HILLS**  
 991 PAT HARALSON DRIVE  
 BLAIRSVILLE, GA 30512

PLUMBING RISERS

**P-3.0**

DATE: 07/22/2022

L  
K  
J  
H  
G  
F  
E  
D  
C  
B  
A

### PLUMBING FIXTURE SCHEDULE ①②

NAME	ITEM	MANUFACTURER & MODEL NUMBER	FITTINGS	REMARKS
P-1	WATER CLOSET (ADA)	KOHLER WELLWORTH K-25077	TRIP LEVER TO BE ON THE "WIDE" SIDE OF THE TOILET	ADA, OPEN FRONT SEAT, LESS COVER
P-2	WATER CLOSET	KOHLER WELLWORTH K-25077	-	OPEN FRONT SEAT, LESS COVER
P-3	URINAL	KOHLER BARDON K-4991-ET	FLUSH VALVE: SLOAN ROYAL 186-.125	-
P-4	LAVATORY (WALL HUNG)	KOHLER HUDSON K-2861	FAUCET: DELTA 590T1150	INSULATE EXPOSED PIPING UNDER LAV.
P-5	LAVATORY (UNDERMOUNT)	KOHLER IRON PLAINS K-5400	FAUCET: DELTA 590T1150, ZURN ZW3870XLT MIXING VALVE	INSULATE EXPOSED PIPING UNDER LAV.
P-6	DOUBLE SINK	ELKAY LRAD292265	FAUCET: DELTA 100-DST	-
P-7	MOP SINK	FIAT MSB2424	SEE NOTE ③	-
P-8	WATER COOLER	ELKAY EZSTL8LC	-	-
P-9	ICE MAKER SUPPLY	GUY GRAY MFG. BIM875	WITH SHUT-OFF VALVE AND WATTS SD-2 BACKFLOW PREVENTER	-
FD	FLOOR DRAIN	JAY R. SMITH 2005	-	-
HD	HUB DRAIN	JAY R. SMITH 2641	-	-
CO-1	FLOOR CLEANOUT	JAY R. SMITH 4020	-	-
CO-2	WALL CLEANOUT	JAY R. SMITH 9775	-	-
CO-3	CLEANOUT, EXTERIOR	SIoux CHIEF 834-4PNR	-	-

- ① EQUAL MANUFACTURERS ACCEPTED.
- ② ALL PORCELAIN FIXTURES ARE TO BE WHITE AND ARE TO BE PROVIDED BY THE SAME MANUFACTURER.
- ③ FAUCET: FIAT 830 AA, HOSE & BRACKET: FIAT 832 AA, MOP BRACKET: FIAT 889 CC, STAINLESS STEEL WALL GUARD: FIAT MSG 2424

### GENERAL PLUMBING NOTES AND SPECIFICATIONS

- FURNISH ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL CODES.
- FURNISH AND INSTALL ALL SYSTEMS OF SOIL, WASTE, AND VENT PIPING, HOT WATER PIPING, COLD WATER PIPING AND DRAINAGE PIPING INCLUDING ALL FITTINGS, VALVES, ETC. AS REQUIRED.
- FURNISH AND INSTALL ALL PLUMBING FIXTURES AND EQUIPMENT AS SHOWN ON THE DRAWINGS.
- ALL PLUMBING WORK SHALL BE DONE UNDER THE SUPERVISION OF AND BY LICENSED AND QUALIFIED PLUMBERS PER ALL LOCAL, STATE, AND NATIONAL CODES AND TO THE COMPLETE SATISFACTION OF THE LOCAL PLUMBING INSPECTOR.
- ALL MATERIALS SHALL BE NEW, CLEAN, AND WITHOUT DEFECTS. ANY DEFECTIVE MATERIALS SHALL BE REMOVED FROM JOB SITE.
- WATER PIPING SHALL BE CPVC. PROVIDE ALTERNATE PRICE FOR COPPER TYPE "L" PIPE WITH SOLDERED JOINTS.
- ALL WATER PIPING SHALL BE INSULATED WITH 1" THICK FIBERGLASS PIPE INSULATION.
- SANITARY, WASTE AND VENT PIPING BURIED WITHIN 5 FEET OF BUILDING SHALL BE ASTM D2665-81 PVC SCH. 40 PIPE.
- CLEANOUT PLUGS SHALL BE INSTALLED IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE IN DIRECTION. CLEANOUTS SHALL BE PLACED IN READILY ACCESSIBLE LOCATIONS.
- INSTALL AN ISOLATION VALVE FOR EACH FIXTURE CONNECTED.
- UPON COMPLETION OF THE WORK, TEST ALL PIPING SYSTEM AS FOLLOWS:
  - A. DRAINAGE SYSTEMS INCLUDING SANITARY SEWERS, ROOF DRAINAGE, AND SANITARY VENTS: PLUG LOW POINTS OF SYSTEM AND FILL WITH WATER TO UPPERMOST OUTLET OR TO 12 FEET HIGH, WHICHEVER IS LOWER. LET SYSTEM STAND FULL OF WATER WITH NO INDICATIONS OF LEAKS.
  - B. DOMESTIC WATER: 150 PSIG HYDROSTATIC TEST. HOLD HYDROSTATIC TESTS FOR A MINIMUM OF EIGHT HOURS WITHOUT LOSS OF PRESSURE. HOLD AIR TESTS FOR A MINIMUM OF ONE HOUR WITHOUT SIGNIFICANT LOSS OF PRESSURE. WITH APPROVAL OF ENGINEER, AIR TESTING MAY BE SUBSTITUTED FOR HYDROSTATIC TESTING IN FREEZING WEATHER.
- RETESTING: RETEST PIPING FAILING INITIAL TESTS FOLLOWING CORRECTION OF DEFECTIVE WORK. REQUIREMENTS OF INITIAL TESTS SHALL APPLY.
- BACK FLOW PREVENTER TO BE EQUAL TO WATTS SERIES LF007.
- WATER PRESSURE REDUCING VALVE TO BE EQUAL TO WATTS LF223-S (SET AT 50 PSIG).
- PLUMBING CONTRACTOR SHALL VIDEO SANITARY WASTE LINE BEFORE AND AFTER CONCRETE SLAB POURS. VIDEO TO EXTEND THROUGH THE CONNECTION POINT OF THE SITE SANITARY LINE. VIDEO OF THE WASTE LINE SHALL SHOW A CLEAN, UNOBSTRUCTED LINE. OBSTRUCTIONS, DEBRIS, AND DIRT WILL BE CLEANED OUT OF THE LINE AND RE-VIDEOED. PROVIDE COPY OF VIDEO TO GENERAL CONTRACTOR AND/OR OWNER FOR REVIEW AND RECORD.

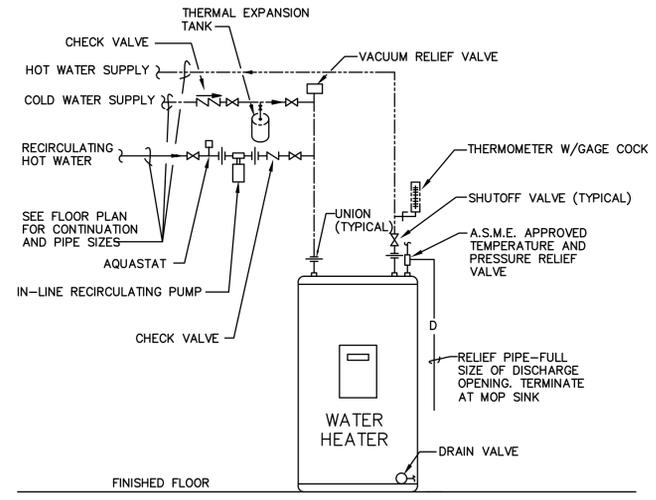
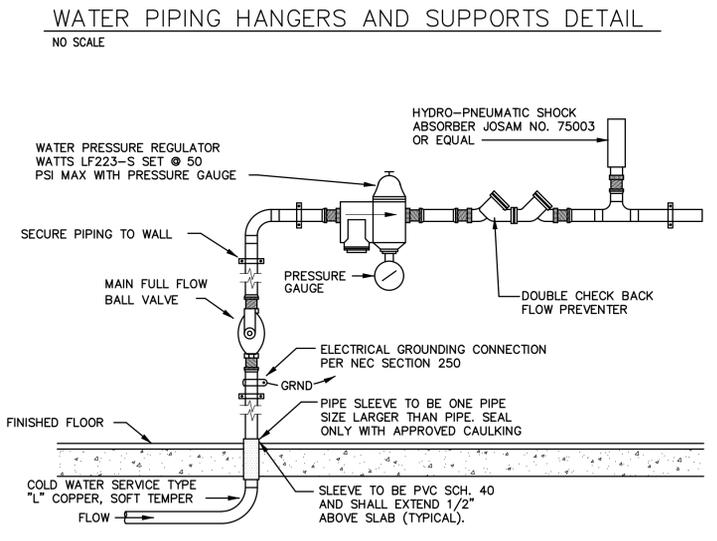
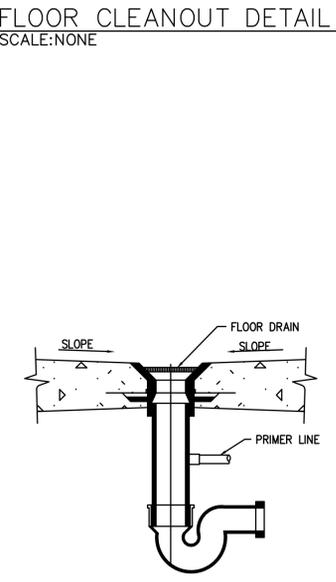
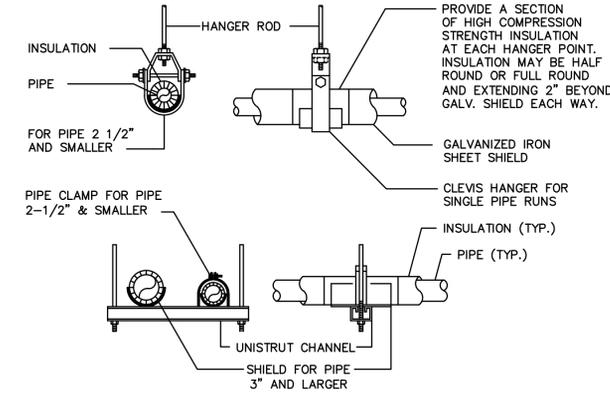
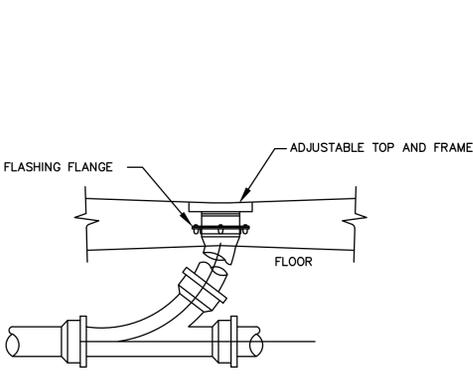
### WATER HEATER SCHEDULE

NO.	MANUFACTURE & MODEL NO.	CAPACITY (GALLONS)	ELEMENT	REMARKS
WH-1	A.O. SMITH DEL-10S-2.5	10	2.5KW, 277V, 1Ø	①②③④
WH-2	EEMAX AM004120T	TANKLESS	3.5KW, 120V, 1Ø	④
WH-3	EEMAX AM004120T	TANKLESS	3.5KW, 120V, 1Ø	④

- ① EQUAL MANUFACTURERS ACCEPTED
- ② EXPANSION TANK EQUAL TO AMTROL ST-5.
- ③ IN-LINE CIRCULATOR EQUAL TO TACO 006-B4.
- ④ COORDINATE WITH ELECTRICAL.

### PLUMBING LEGEND

---	SANITARY WASTE PIPING
----	SANITARY VENT PIPING
----	COLD WATER
----	HOT WATER
----	RECIRCULATING HOT WATER



### GENERAL CONSTRUCTION NOTES

- REPLACE OR REPAIR ANY EXISTING EQUIPMENT DISTURBED OR DAMAGED DURING CONSTRUCTION TO ITS ORIGINAL CONDITION.
- DISPOSE OF ALL WASTE MATERIALS IMMEDIATELY AND KEEP PREMISES CLEAN AT ALL TIMES.
- THE CONTRACTOR SHALL ACCEPT THE PROJECT SITE IN "AS IS" CONDITION. HE SHALL VERIFY ALL THE EXISTING CONDITIONS AND THOSE FOR THE EXISTING WORK TO BE REUSED OR ALTERED. CONTRACTOR SHALL INCLUDE COSTS OF ALL REQUIRED MODIFICATIONS OR REPLACEMENTS IN ACCORDANCE WITH APPLICABLE PLANS AND SPECIFICATION SECTIONS.
- THE DIMENSIONS AND COUNTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS ARE FIELD MEASURED AND MAY NOT BE EXACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INSPECT THE SITE, TAKE NECESSARY MEASUREMENTS, COUNTS AND FAMILIARIZE HIMSELF WITH ALL THE JOB CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
- CONFINE OPERATIONS AT THE SITE TO AREAS PERMITTED BY LAW, ORDINANCES, PERMITS, CONTRACT DOCUMENTS AND THE OWNER.
- DO NOT UNREASONABLY ENCUMBER PREMISES WITH MATERIALS OR EQUIPMENT.
- DO NOT LOAD STRUCTURES WITH WEIGHT THAT WILL ENDANGER STRUCTURE. ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF PRODUCTS AND EQUIPMENT STORED ON PREMISES.
- MAINTAIN THE PREMISES IN CLEAN AND SAFE CONDITION AT ALL TIMES.
- THE CONTRACT OPERATIONS SHOULD NOT CAUSE ANY HINDRANCE, NUISANCE, LACK OF SAFETY, BLOCKED MEANS OF ENTRANCE AND EXIT, DAMAGE TO PROPERTY AND PERSON, DISRUPTION OF UTILITIES, EXCESSIVE AND OFFENSIVE NOISE AND DUST TO ANY OF THE ADJOINING PROPERTIES AND PERSONS. REMOVE SUCH CONDITION FORTHWITH, SHOULD THEY OCCUR AND REPAIR OR REPLACE THE DAMAGE AT OWN COST TO THE APPROVAL OF THE ENGINEER.
- PROVIDE ACCESS TO OWNER'S AUTHORIZED PERSONS AND THE POLICE, FIRE OR OTHER DEPARTMENTS HAVING LEGAL JURISDICTION TO THE SITE AT ALL TIMES AND PROVIDE COOPERATION IN THEIR WORK.

### CODE COMPLIANCE

- SYSTEM DESIGN IS BASED ON BUILDING AS SHOWN IN THESE CONSTRUCTION DOCUMENTS. DESIGN IS FOR AN UNOCCUPIED SHELL BUILDING.
- DESIGN BASED ON 2018 INTERNATIONAL PLUMBING CODE.



**CSC DESIGN, INC.**  
ARCHITECTS & ENGINEERS  
135 P. Rickman Industrial Dr.  
Suite 100, Canton, GA 30115  
(770) 345-2579



JOB: 22-034  
DRW: TT/LS/KS  
CHK: TT/LS/KS

REVISIONS	DATE	NUMBER	COMMENTS	PERMIT SET
	07/22/22			

**FELLOWSHIP OF THE HILLS**  
991 PAT HARALSON DRIVE  
BLAIRSVILLE, GA 30512

**PLUMBING SCHEDULES & NOTES**

**P-4.0**  
DATE: 07/22/2022