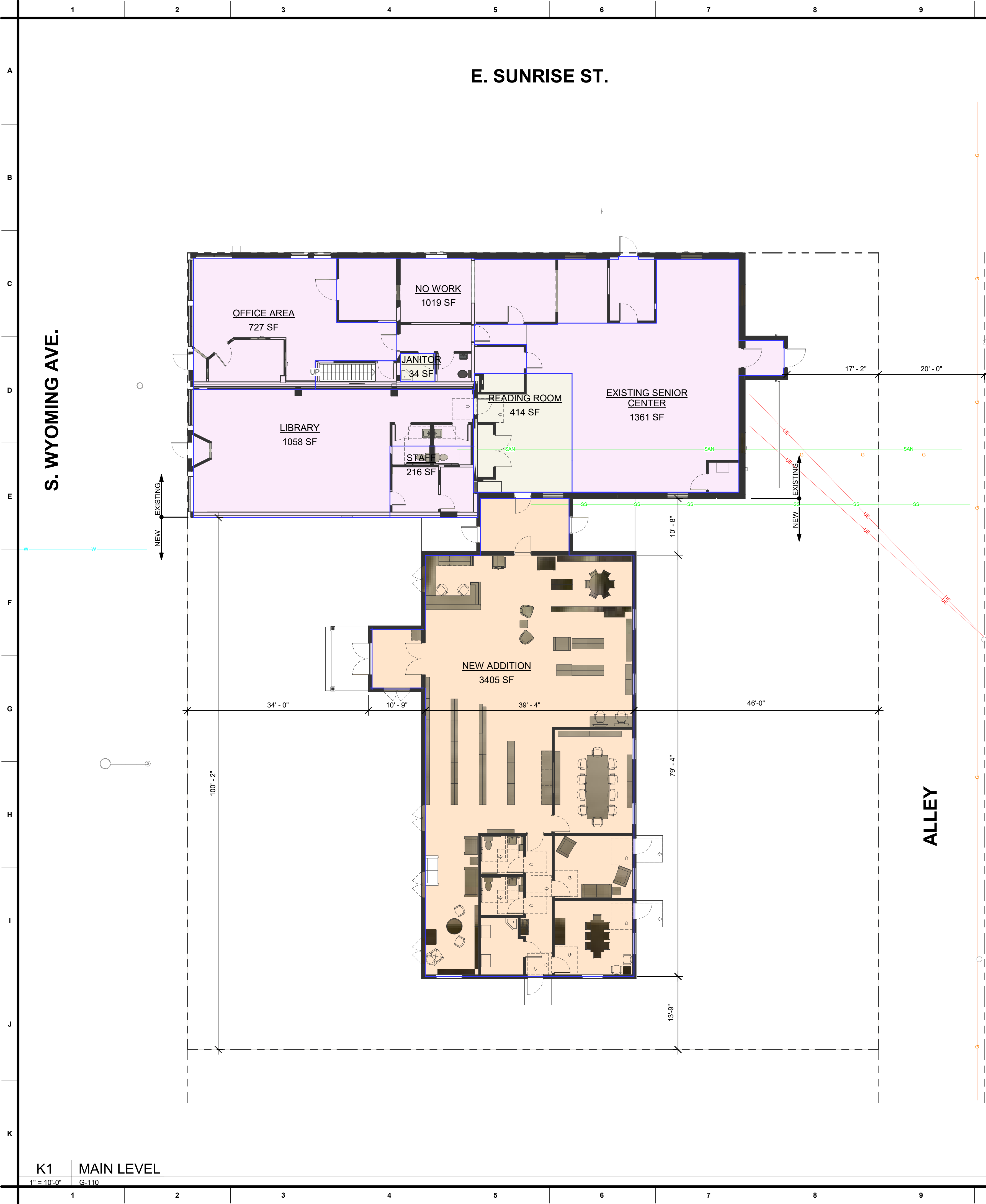




2024 INTERNATIONAL BUILDING CODE (IBC)

CHAPTER 3 - OCCUPANCY CLASSIFICATION AND USE

SECTION 302 - OCCUPANCY CLASSIFICATION AND USE DESIGNATION

OCCUPANCY: A-3 ASSEMBLY GROUP (IBC 303.4)
LIBRARIES
COMMUNITY HALLS
B BUSINESS OFFICE AREA (SECTION 304.1)
S1 STORAGE MODERATE HAZARD (SECTION 311.2)

WILL THIS BE A NON-SEPARATED MIXED USE? YES

CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS

SECTION 504 - BUILDING HEIGHT AND NUMBER OF STORIES

TYPE OF CONSTRUCTION VB
OCCUPANCY GROUP A-3
AUTOMATIC SPRINKLER SYSTEM? NO
MAXIMUM HEIGHT PER TABLE 504.3 40' ABOVE GRADE
ACTUAL HEIGHT 19'
MAXIMUM NUMBER OF STORIES PER TABLE 504.4: 1 STORIES ABOVE GRADE
ACTUAL NUMBER OF STORIES 1 STORIES ABOVE GRADE PLANE

SECTION 506 - BUILDING AREA

ALLOWABLE AREA FACTOR PER TABLE 506.2: 6,000 SQUARE FEET (At = SM)
FRONTAGE INCREASE FACTOR PER TABLE 506.3.3 75%-100%, 30 OR GREATER If = 0.75
EQUATION 5-3 Aa = At + [NS * If]
Aa = 6,000 + [6,000 * 0.75] Aa = 10,500 SQUARE FEET
AREA INCLUDED WITHIN EXTERIOR WALLS: 3,404 SQUARE FEET

CHAPTER 6 - TYPES OF CONSTRUCTION

TABLE 601 - FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

STRUCTURAL FRAME	EXTERIOR	0 HOURS
BEARING WALLS	INTERIOR	0 HOURS
NON-BEARING WALLS AND PARTITIONS -	INTERIOR	0 HOURS
	FLOOR CONSTRUCTION	0 HOURS
	ROOF CONSTRUCTION	0 HOURS

CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES

TABLE 705.5 - FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE

x < 5 FEET	1 HOURS
5 < x < 10 FEET	1 HOURS
10 < x < 30 FEET	0 HOURS
x > 30 FEET	0 HOURS

TABLE 705.9 - MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE AND DEGREE OF OPENING PROTECTION

FIRE SEPARATION DISTANCE (FEET) - UNPROTECTED, NONSPRINKLERED (UP, NS)	
x < 3 FEET	NOT PERMITTED
3 < x < 5 FEET	NOT PERMITTED
5 < x < 10 FEET	10%
10 < x < 15 FEET	15%
15 < x < 20 FEET	25%
20 < x < 25 FEET	45%
25 < x < 30 FEET	70%
x > 30 FEET	NO LIMIT

ACTUAL FIRE SEPARATION DISTANCE	
WEST SIDE (EXISTING)	10'
WEST SIDE (ADDITION)	34' > 20'
NORTH SIDE (EXISTING)	10'
EAST SIDE (EXISTING)	17'
EAST SIDE (ADDITION)	45' > 20'
SOUTH SIDE (EXISTING)	100'
SOUTH SIDE (ADDITION)	13' > 15'

BUILDING CODE SCHEDULE

FROM 2025IEBC CHAPTER 6

NAME	APPLICABLE CODE	AREA	COMMENTS
EXISTING SENIOR CENTER	NO WORK	1361 SF	NO WORK THIS AREA
OFFICE AREA	NO WORK	727 SF	NO WORK THIS AREA
STAFF	NO WORK	216 SF	NO WORK THIS AREA
LIBRARY	NO WORK	1058 SF	NO WORK THIS AREA
NO WORK	NO WORK	1019 SF	NO WORK THIS AREA
		4382 SF	
JANITOR	2024 IEBC - LEVEL 2	34 SF	REMOVING PLUMBING FIXTURES
READING ROOM	2024 IEBC - LEVEL 2	414 SF	REMOVING WALLS AND DOORS
		448 SF	<50% OF TOTAL EXISTING BUILDING AREA
TOTAL EXISTING BUILDING AREA		4830 SF	
NEW ADDITION	2024 IBC	3405 SF	NEW WORK
		3405 SF	
COMBINED BUILDING AREA		8235 SF	<10,500 SF (ALLOWABLE AREA)

GENERAL NOTES:

- THE ARCHITECT AND ENGINEERS HAVE ENDEAVORED TO LOCATE AND SHOW ALL SIGNIFICANT FEATURES WITHIN THE GENERAL PROJECT LIMITS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS. NO ADDITIONAL COMPENSATION OR TIME WILL BE ALLOWED FOR CLAIMS OF ADDITIONAL WORK DUE TO ITEMS NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL LABOR, MATERIALS AND EQUIPMENT FOR A COMPLETE PROJECT FOR ALL WORK REASONABLY INFERRED, FROM THE CONTRACT DOCUMENTS, WHETHER SHOWN OR SPECIFIED OR NOT.
- DIMENSIONS ARE GIVEN TO:
 - COLUMN LINES;
 - STRUCTURAL LINES;
 - FACE OF CONCRETE OR MASONRY WALLS;
 - FACE OF STUDS:
 - NORTH FACE;
 - WEST FACE.
- ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF TOWN OF GUERNSEY AMENDMENTS TO SOME OR ALL OF THE FOLLOWING:
 - TOWN CODE OF GUERNSEY, WYOMING.
 - ZONING CODE: TOWN OF GUERNSEY ZONING REGULATIONS.
 - NFPA 101 - LIFE SAFETY CODE, 2015.
 - ICC (IFC) - INTERNATIONAL FIRE CODE, 2024; INCLUDING APPENDIX D, APPENDIX E, APPENDIX F, AND APPENDIX G.
 - ICC (IBC) - INTERNATIONAL BUILDING CODE, 2024.
 - ICC (IEBC) - INTERNATIONAL EXISTING BUILDING CODE, 2024.
 - ICC (IMC) - INTERNATIONAL MECHANICAL CODE, 2024.
 - ICC (IFGC) - INTERNATIONAL FUEL & GAS CODE, 2024.
 - ICC (IECC) - INTERNATIONAL ENERGY CONSERVATION CODE, 2018.
 - NFPA 70 - NATIONAL ELECTRICAL CODE, 2023.
 - ICC A117.1-2017 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.
- BUILDING DESIGN INFORMATION:
 - ULTIMATE DESIGN WIND SPEED: THERE ARE FOUR LEVELS OF WIND SPEED DEPENDING ON THE RISK CATEGORY OF THE BUILDING. THE MAJORITY OF BUILDINGS WILL BE IN RISK CATEGORY II WITH A WIND SPEED OF 115 MPH; WIND EXPOSURE CATEGORY C
 - SEISMIC DESIGN CATEGORY: B
 - ANNUAL RAINFALL: 15 INCHES/YEAR
 - HAIL: MODERATE
 - SNOW LOAD: 30 PSF - GROUND; INCLUDES NO SNOWDRIFT
 - FROST LINE DEPTH: 36" - MINIMUM FOR FOUNDATIONS
 - CLIMATE ZONE: 6B
 - TERMITE: SLIGHT TO MODERATE
 - WINTER DESIGN TEMP: -1 DEGREE F; 7381 HEATING DEGREE DAYS
 - WEATHERING: SEVERE
 - DECAY: NONE TO SLIGHT
 - AND OTHER REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
- GENERALLY, TYPICAL NOTES, DIMENSIONS, ELEVATIONS, ETC. ARE SHOWN OR NOTED ON THE FIRST DRAWING ON WHICH THEY APPEAR.
- DO NOT SCALE DRAWINGS.

GENERAL SITE PLAN DATA:

- LEGAL DESCRIPTION: TOWN OF GUERNSEY, ORIGINAL TOWN, BLOCK 22, LOTS 8, 9, 10, 11 & 12
- ADDRESS OF THE SITE: 100 SOUTH WYOMING GUERNSEY, WYOMING 82114
- EXISTING ZONING DISTRICT: C1
- REQUESTED ZONING DISTRICT: C1
- COMPUTATION TABLE:
 - TOTAL SITE AREA: 0.42 ACRES, MORE OR LESS
 - BUILDING AREA:
 - EXISTING = 5,115 GSF
 - ADDITION = 3,080 GSF
 - SETBACKS REQUIRED: NOT REQUIRED FOR BUSINESSES IN COMMERCIAL/BUSINESS ZONE.
 - BUILDING HEIGHT: ALLOWED: 35'
EXISTING: 19'
ADDITION: 16'-3"

2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)

CHAPTER 4 [CE] - COMMERCIAL ENERGY EFFICIENCY

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MINIMUM REQUIREMENTS, R-VALUE METHOD, CLIMATE ZONE 6B

ROOF	
INSULATION ABOVE DECK	R-30ci
ATTIC & OTHER	R-49
WALLS, ABOVE GRADE	
WOOD FRAME	R-13+R-7.5ci - OR - R-20+R-3.8ci
FLOOR JOIST/FRAMING	R-30
WALLS BELOW GRADE	R-7.5ci
UNHEATED SLAB EDGES	R-15 FOR 24" BELOW
HEATED SLAB EDGES	R-20 FOR 48" BELOW + R-5 FULL SLAB

REVISION SCHEDULE

Revision Number	Revision Description	Revision Date
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NOTE:

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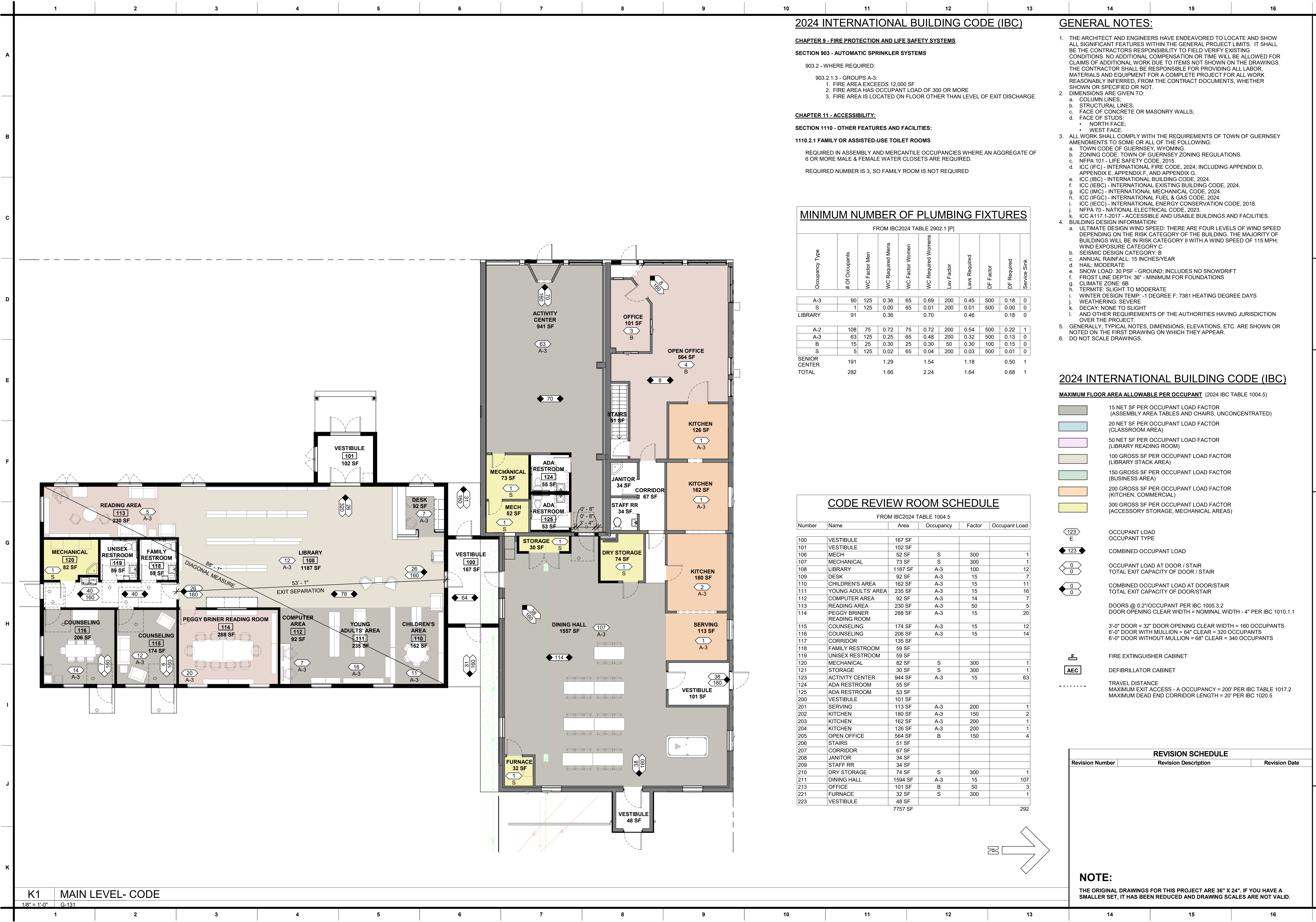
CET CET

Sheet Title:

SITE CODE ANALYSIS

Sheet Number:

G-110



K1 MAIN LEVEL- CODE
1/8" = 1'-0" G-131

2024 INTERNATIONAL BUILDING CODE (IBC)

CHAPTER 9 - FIRE PROTECTION AND LIFE SAFETY SYSTEMS

SECTION 903 - AUTOMATIC SPRINKLER SYSTEMS

903.2 - WHERE REQUIRED:

903.2.1.3 - GROUPS A-3:

1. FIRE AREA EXCEEDS 12,000 SF
2. FIRE AREA HAS OCCUPANT LOAD OF 300 OR MORE
3. FIRE AREA IS LOCATED ON FLOOR OTHER THAN LEVEL OF EXIT DISCHARGE.

CHAPTER 11 - ACCESSIBILITY:

SECTION 1110 - OTHER FEATURES AND FACILITIES:

1110.2.1 FAMILY OR ASSISTED-USE TOILET ROOMS

REQUIRED IN ASSEMBLY AND MERCANTILE OCCUPANCIES WHERE AN AGGREGATE OF 6 OR MORE MALE & FEMALE WATER CLOSETS ARE REQUIRED.

REQUIRED NUMBER IS 3, SO FAMILY ROOM IS NOT REQUIRED

MINIMUM NUMBER OF PLUMBING FIXTURES

FROM IBC2024 TABLE 2902.1 [P]

Occupancy Type	# Of Occupants	WC Factor Men	WC Required Mens	WC Factor Women	WC Required Womens	Lav Factor	Lave Required	DF Factor	DF Required	Service Sink
A-3	90	125	0.36	65	0.69	200	0.45	500	0.18	0
S	1	125	0.00	65	0.01	200	0.01	500	0.00	0
LIBRARY	91		0.36		0.70		0.46		0.18	0

A-2	108	75	0.72	75	0.72	200	0.54	500	0.22	1
A-3	63	125	0.25	65	0.48	200	0.32	500	0.13	0
B	15	25	0.30	25	0.30	50	0.30	100	0.15	0
S	5	125	0.02	65	0.04	200	0.03	500	0.01	0

SENIOR CENTER	191		1.29		1.54		1.18		0.50	1
TOTAL	282		1.66		2.24		1.64		0.68	1

CODE REVIEW ROOM SCHEDULE

FROM IBC2024 TABLE 1004.5

Number	Name	Area	Occupancy	Factor	Occupant Load
100	VESTIBULE	167 SF			
101	VESTIBULE	102 SF			
106	MECH	52 SF	S	300	1
107	MECHANICAL	73 SF	S	300	1
108	LIBRARY	1187 SF	A-3	100	12
109	DESK	92 SF	A-3	15	7
110	CHILDREN'S AREA	162 SF	A-3	15	11
111	YOUNG ADULTS' AREA	235 SF	A-3	15	16
112	COMPUTER AREA	92 SF	A-3	14	7
113	READING AREA	230 SF	A-3	50	5
114	PEGGY BRINER READING ROOM	288 SF	A-3	15	20
115	COUNSELING	174 SF	A-3	15	12
116	COUNSELING	206 SF	A-3	15	14
117	CORRIDOR	135 SF			
118	FAMILY RESTROOM	59 SF			
119	UNISEX RESTROOM	59 SF			
120	MECHANICAL	82 SF	S	300	1
121	STORAGE	30 SF	S	300	1
123	ACTIVITY CENTER	944 SF	A-3	15	63
124	ADA RESTROOM	55 SF			
125	ADA RESTROOM	53 SF			
200	VESTIBULE	101 SF			
201	SERVING	113 SF	A-3	200	1
202	KITCHEN	180 SF	A-3	150	2
203	KITCHEN	162 SF	A-3	200	1
204	KITCHEN	126 SF	A-3	200	1
205	OPEN OFFICE	564 SF	B	150	4
206	STAIRS	51 SF			
207	CORRIDOR	67 SF			
208	JANITOR	34 SF			
209	STAFF RR	34 SF			
210	DRY STORAGE	74 SF	S	300	1
211	DINING HALL	1594 SF	A-3	15	107
213	OFFICE	101 SF	B	50	3
221	FURNACE	32 SF	S	300	1
223	VESTIBULE	48 SF			
		7757 SF			292

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 - c. ANNUAL RAINFALL: 15 INCHES/YEAR
 - d. HAIL: MODERATE
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 - f. FROST LINE DEPTH: 36" - MINIMUM FOR FOUNDATIONS
 - g. CLIMATE ZONE: 6B
 - h. TERMITE: SLIGHT TO MODERATE
 - i. WINTER DESIGN TEMP: -1 DEGREE F; 7381 HEATING DEGREE DAYS
 - j. WEATHERING: SEVERE
 - k. DECAY: NONE TO SLIGHT
 - l. AND OTHER REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION OVER THE PROJECT.
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6. DO NOT SCALE DRAWINGS.

2024 INTERNATIONAL BUILDING CODE (IBC)

MAXIMUM FLOOR AREA ALLOWABLE PER OCCUPANT (2024 IBC TABLE 1004.5)

- 15 NET SF PER OCCUPANT LOAD FACTOR (ASSEMBLY AREA TABLES AND CHAIRS, UNCONCENTRATED)
- 20 NET SF PER OCCUPANT LOAD FACTOR (CLASSROOM AREA)
- 50 NET SF PER OCCUPANT LOAD FACTOR (LIBRARY READING ROOM)
- 100 GROSS SF PER OCCUPANT LOAD FACTOR (LIBRARY STACK AREA)
- 150 GROSS SF PER OCCUPANT LOAD FACTOR (BUSINESS AREA)
- 200 GROSS SF PER OCCUPANT LOAD FACTOR (KITCHEN, COMMERCIAL)
- 300 GROSS SF PER OCCUPANT LOAD FACTOR (ACCESSORY STORAGE, MECHANICAL AREAS)

- 123 E OCCUPANT LOAD OCCUPANT TYPE
- 123 COMBINED OCCUPANT LOAD
- 0 0 OCCUPANT LOAD AT DOOR / STAIR TOTAL EXIT CAPACITY OF DOOR / STAIR
- 0 0 COMBINED OCCUPANT LOAD AT DOOR/STAIR TOTAL EXIT CAPACITY OF DOOR/STAIR
- DOORS @ 0.2"/OCCUPANT PER IBC 1005.3.2 DOOR OPENING CLEAR WIDTH = NOMINAL WIDTH - 4" PER IBC 1010.1.1
- 3'-0" DOOR = 32" DOOR OPENING CLEAR WIDTH = 160 OCCUPANTS
- 6'-0" DOOR WITH MULLION = 64" CLEAR = 320 OCCUPANTS
- 6'-0" DOOR WITHOUT MULLION = 68" CLEAR = 340 OCCUPANTS
- FIRE EXTINGUISHER CABINET
- AEC DEFIBRILLATOR CABINET
- TRAVEL DISTANCE MAXIMUM EXIT ACCESS - A OCCUPANCY = 200' PER IBC TABLE 1017.2 MAXIMUM DEAD END CORRIDOR LENGTH = 20' PER IBC 1020.5

REVISION SCHEDULE

Revision Number	Revision Description	Revision Date
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NOTE:

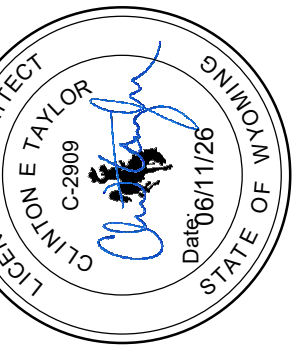
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APN: Date Issued:

02.TOG.26 06/11/26

Drawn By: Checked By:

CET CET

Sheet Title:

BUILDING CODE PLAN

Sheet Number:

G-131

1 MAIN LEVEL
3/16" = 1'-0" A-131

GENERAL NOTES:

- REFER TO STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS AND COORDINATION.
- REFER TO ROOM FINISH PLANS FOR ADDITIONAL INFORMATION REGARDING FINISHES.
- REFER TO WALL TYPES FOR ADDITIONAL REQUIREMENTS.
- REFER TO REFLECTED CEILING PLANS FOR WALL HEIGHTS.
- AT CUSTODIAL ROOMS AND SINGLE OCCUPANT RESTROOM WITH CONCRETE SLAB ON GRADE OR ELEVATED CONCRETE SLABS, SET FLOOR DRAINS 3/4" BELOW SURROUNDING TOP OF SLAB ELEVATION AND SLOPE FLOOR TO DRAINS, UNLESS NOTED OTHERWISE. AT ALL OTHER LOCATIONS SET FLOOR DRAINS 1" BELOW SURROUNDING TOP OF SLAB ELEVATION. CONTRACTOR SHALL COORDINATE ALL FLOOR DRAINS LOCATIONS AT RESTROOMS SO THAT DRAINS ARE NOT LOCATED WITHIN 6" OF TOILET PARTITION PILASTERS OR OTHER PARTITIONS.
- ALL WOOD STUD / GYPSUM BOARD WALLS SHALL BE TYPE "6.6" UNLESS NOTED OTHERWISE.
- WOOD STUD / GYPSUM BOARD WALLS THAT APPEAR TO BE CENTERED ON GRIDLINES ARE, UNLESS NOTED OR DIMENSIONED OTHERWISE.
- PROVIDE CONCEALED WOOD BACKING AND BLOCKING AT ALL WALL MOUNTED DOOR STOPS, TOILET AND BATH ACCESSORIES, WALL CABINETS, WOOD TRIM, TV MOUNTING BRACKETS, ETC.
- ROOM NUMBERS SHOWN ON THE DRAWINGS ARE FOR CONSTRUCTION REFERENCE ONLY. "FINAL" ROOM NUMBERS WILL BE MADE AVAILABLE AT A LATER DATE AND ARE TO BE USED FOR SIGNAGE, FIRE ALARM SCHEDULES, ELECTRICAL PANEL SCHEDULES, ETC.
- ROOM NUMBERS SHOWN ON THE DRAWINGS ARE FOR CONSTRUCTION REFERENCE ONLY. "FINAL" ROOM NUMBERS WILL BE MADE AVAILABLE AT A LATER DATE AND ARE TO BE USED FOR SIGNAGE, FIRE ALARM SCHEDULES, ELECTRICAL PANEL SCHEDULES, ETC.
- IN GENERAL, DIMENSION ARE GIVEN TO:
 - COLUMN LINES
 - STRUCTURAL LINES
 - FACE OF CONCRETE OR MASONRY WALLS
 - FACE OF STUDS
- IN GENERAL, DIMENSIONS ARE GIVEN TO:
 - NORTH FACE OF INTERIOR PARTITIONS.
 - WEST FACE OF INTERIOR PARTITIONS.
- DO NOT SCALE DRAWINGS.

EXISTING BOOKCASES - LEGEND

WOOD BOOK CASES
WA - 2" 46.5"H x 8"D x 48"L
WB - 2" 60"H x 8"D x 113.5"L
WC - 19" 60"H x 8"D x 48"L
WD - 1" 80.5"H x 8"D x 192"L
WE - 1" 80.5"H x 8"D x 108"L
WF - 1" 80.5"H x 8"D x 61.5L
WG - 1" 80.5"H x 8"D x 66"L

BLUE METAL BOOK CASES
BA - 2" 72"H x 13"D x 34.5"L
BB - 2" 30.5"H x 13"D x 34.5"L

REVISION SCHEDULE

Revision Number	Revision Description	Revision Date
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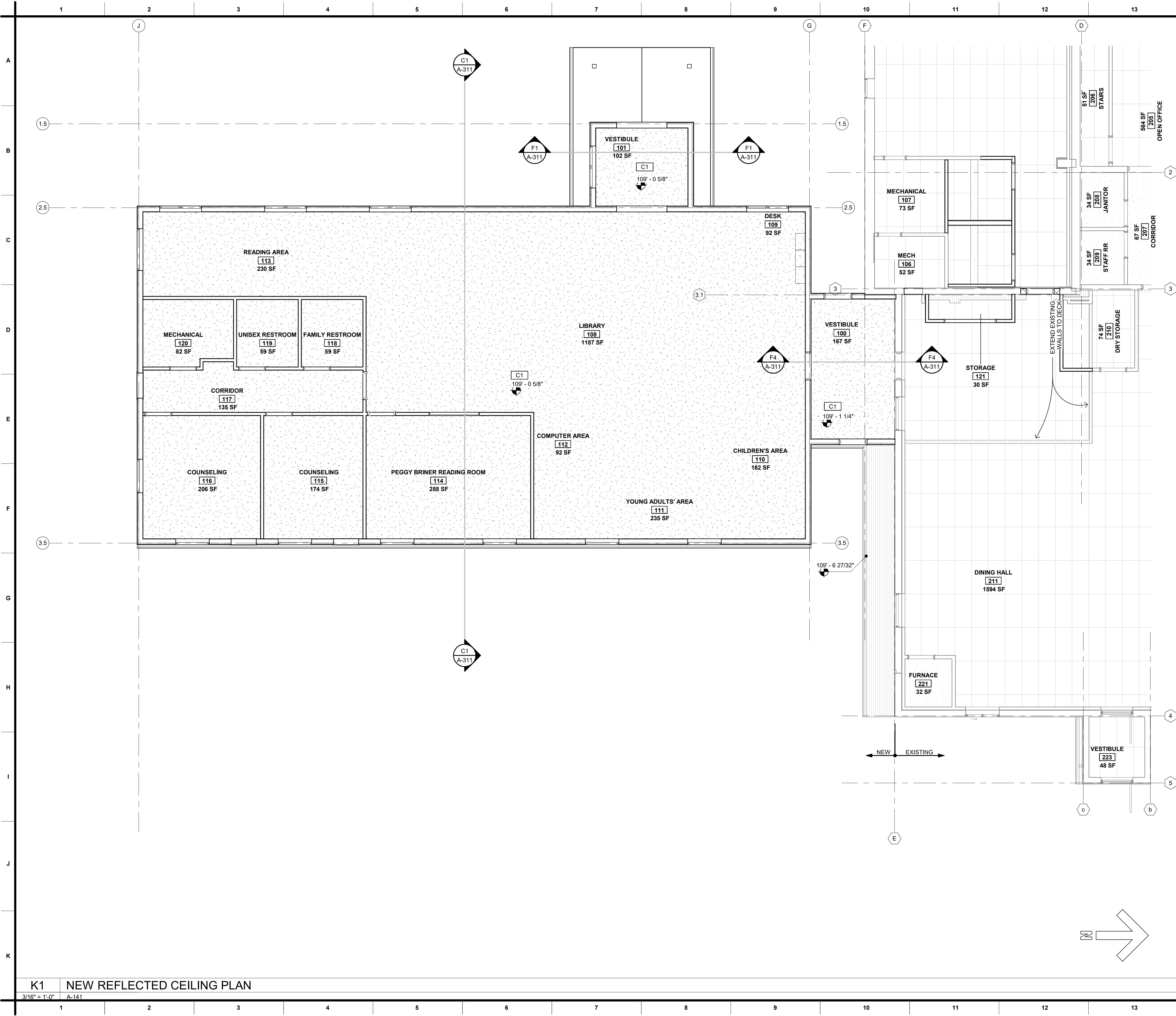
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Checked By: CET
Sheet Title: MAIN LEVEL FLOOR PLAN
Sheet Number: A-131



- GENERAL NOTES:**
- REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS AND COORDINATION.
 - REFER TO ROOM FINISH PLANS FOR ADDITION INFORMATION REGARDING FINISHES.
 - UNLESS NOTED OTHERWISE, GYPSUM BOARD CEILINGS SHALL BE SUPPORTED BY RIGID FURRING CHANNELS @ 16" OC ON 1-1/2" CEILING CARRYING CHANNELS @ 48" OC SUSPENDED FROM THE STRUCTURE ABOVE.
 - IN GENERAL DIMENSION ARE GIVEN TO:
 - COLUMN LINES
 - STRUCTURAL LINES
 - FACE OF CONCRETE OR MASONRY WALLS
 - FACE OF STUDS

- LEGEND:**
- | SYMBOL | DESCRIPTION |
|---|--|
| [Symbol] | 2' x 2' SUSPENDED GRID ACOUSTICAL PANEL CEILING |
| [Symbol] | 2' x 4' SUSPENDED GRID ACOUSTICAL PANEL CEILING |
| [Symbol] | GYPSUM BOARD CEILING / SOFFIT |
| [Symbol] | HVAC - SUPPLY AIR DIFFUSER (SIZE VARIES) REFER TO MECHANICAL |
| [Symbol] | HVAC - RETURN AIR GRILLE (SIZE VARIES) REFER TO MECHANICAL |
| [Symbol] | LIGHT FIXTURE - PENDANT HUNG (SIZE VARIES) REFER TO ELECTRICAL |
| [Symbol] | LIGHT FIXTURE - WALL MOUNT - REFER TO ELECTRICAL |
| [Symbol] | LIGHT FIXTURE - FLUSH/LAY-IN (SIZE VARIES) REFER TO ELECTRICAL |
| [Symbol] | LIGHT FIXTURE - EMERGENCY FLUSH/LAY-IN (SIZE VARIES) REFER TO ELECTRICAL |
| [Symbol] | RECESSED CAN LIGHT OR OTHER |
| [Symbol] | CEILING GRID LAYOUT STARTING POINT - IF NOT CENTERED IN ROOM |
| [Symbol] | CEILING OR WALL MOUNTED EXIT SIGN |
| PARTITIONS ARE SHADED IN THE FOLLOWING MANNER: | |
| [Symbol] | NO SHADING INDICATES WALL EXTENDS 4" MIN ABOVE FINISH CEILING. |
| [Symbol] | SHADING INDICATES WALL EXTENDS TO DECK (OR THROUGH SECOND FLOOR WHERE OCCURS). |

REVISION SCHEDULE		
Revision Number	Revision Description	Revision Date

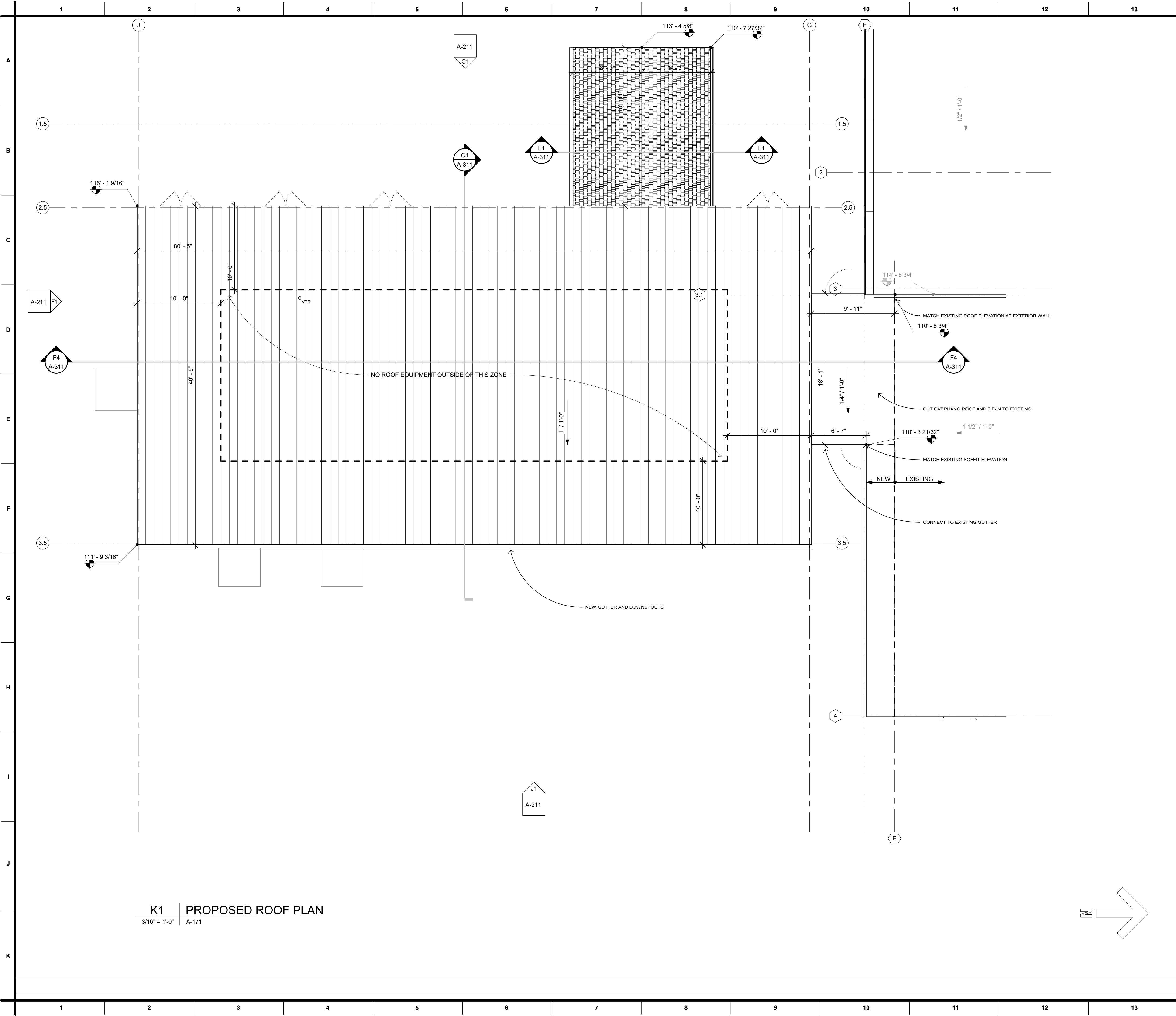
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Checked By: CET
Sheet Title: REFLECTED CEILING PLAN
Sheet Number: A-141

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K1 | PROPOSED ROOF PLAN
3/16" = 1'-0" | A-171

GENERAL NOTES:

- ALL ROOF SLOPES ARE APPROXIMATE. REFER TO BEARING ELEVATIONS SHOWN ON STRUCTURAL PLANS FOR ACTUAL ELEVATION CHANGES.
- ALL MECHANICAL EQUIPMENT, SKYLIGHTS, ETC. SHALL BE INSTALLED ON CURBS.
- ALL ROOF CURBS SHALL BE INSULATED. ALL VOIDS AND UNUSED SPACE WITHIN THE CURB SHALL BE FILLED WITH BATT INSULATION.
- ALL WOOD MEMBERS SHALL BE FIRE RETARDANT TREATED.
- FORM CRICKETS, WITH THE FLOW LINE AT 45 DEGREES TO SLOPE OF THE ROOF, ON THE UP-SLOPE SIDE OF ALL ROOF OBSTRUCTIONS (MECHANICAL EQUIPMENT CURBS, TUBULAR SKYLIGHTS, ETC.) EQUAL TO OR GREATER THAN 12 INCHES IN WIDTH ACROSS THE SLOPE.
- CRICKETS SHALL BE LAID OUT AT APPROXIMATELY 2:1 LENGTH TO WIDTH PROPORTIONS (26.6 DEGREES); REFER TO DETAIL.
- COORDINATE LOCATION OF MECHANICAL EQUIPMENT, PLUMBING VENTS, ELECTRICAL PENETRATIONS, ETC. TO ENSURE ADEQUATE CLEARANCE FOR FLASHING, ETC. WITH MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS.
- INSTALL ROOF DRAIN LEADERS, FROM DRAIN ASSEMBLIES TO DRAIN CHASE, AT HIGHEST ELEVATION POSSIBLE WHILE MAINTAINING REQUIRED SLOPE.
- PROVIDE PRECAST CONCRETE SPLASH PADS AT ALL DOWNSPOUTS AND DOWNSPOUT NOZZLES (LAMBS TONGUES) NOT TERMINATING INTO A TRENCH DRAIN OR SIDEWALK PLATE.
- REFER TO ROOFING DETAILS FOR ADDITIONAL REQUIREMENTS.
- PAINT ALL PIPING, EQUIPMENT, ETC. (MECHANICAL, ELECTRICAL, PLUMBING, ETC.), ON THE ROOF THAT IS NOT PREFINISHED.
- PAINT ALL GAS LINES.

LEGEND:

- MODIFIED BITUMINOUS MEMBRANE ROOFING
- LAMINATED ASPHALT SHINGLE ROOFING
- METAL ROOFING
- 10' - 0" ROOF EDGE SAFETY ZONE
- INDICATES ROOF SLOPE (DOWN)
- GUTTER AND DOWNSPOUT
- EXHAUST FAN, REFER TO MECHANICAL
- PLUMBING VENT, REFER TO MECHANICAL

REVISION SCHEDULE

Revision Number	Revision Description	Revision Date
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NOTE:

THE ORIGINAL DRAWINGS FOR THIS PROJECT ARE 36" X 24". IF YOU HAVE A SMALLER SET, IT HAS BEEN REDUCED AND DRAWING SCALES ARE NOT VALID.

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GUERNSEY LIBRARY ADDITION
TOWN OF GUERNSEY

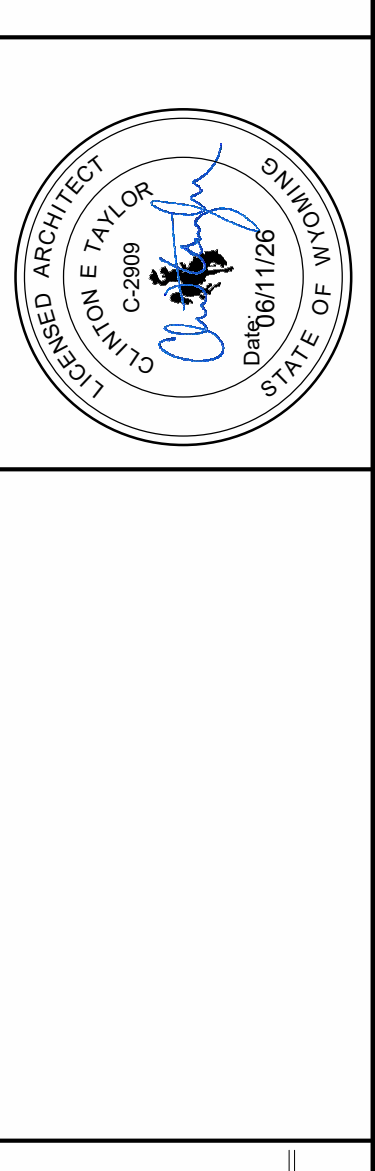
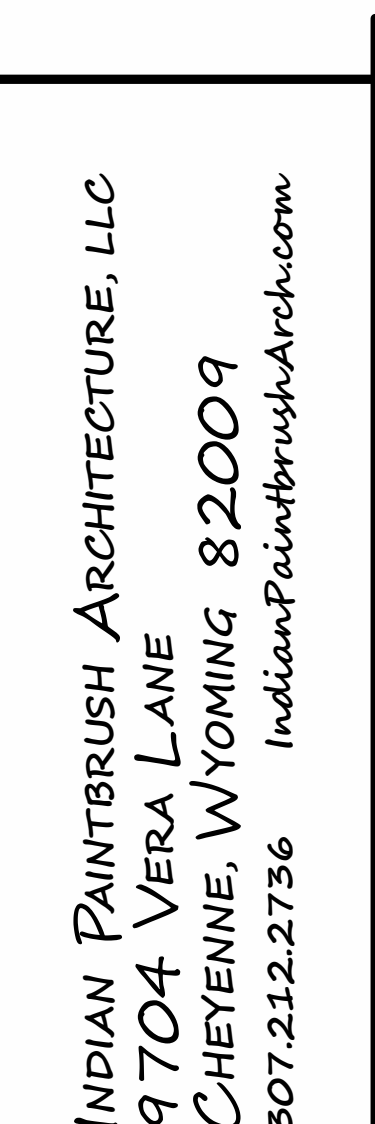
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APN: 02.TOG.26
Date Issued: 06/11/26
Drawn By: CET
Checked By: CET
Sheet Title:

ROOF PLAN

Sheet Number:

A-171



3/16" = 1'-0" A-311

PORCH ROOF SYSTEM

- 1) 30 YEAR ARCHITECTURAL LAMINATED SHINGLE
- 2) SYNTHETIC UNDERLAYMENT
- 3) ICE & WATER SHIELD WITHIN 4' OF EXTERIOR WALL
- 4) ROOF SHEATHING
- 5) TOP CHORD OF ENGINEERED WOOD TRUSS

2'-0"

Top of Wall
109' - 1 1/4"

CEILING SYSTEM

- 1) 5/8" GYPSUM BOARD
- 2) VAPOR BARRIER
- 3) R-30 FIBERGLASS BATT
- 4) BOTTOM CHORD OF ENGINEERED WOOD TRUSS

EXTERIOR WALL SYSTEM

- 1) METAL SIDING - OR - MANUFACTURED STONE VENEER
- 2) ZIP-R (1-1/2") - OR
2a) BUILDING WRAP
2b) 1-1/2" RIGID INSULATION
- 2c) WALL SHEATHING
- 3) 2X8 STUDS @ 16" O.C.
- 4) R19 FIBERGLASS BATT
- 5) VAPOR BARRIER
- 6) 5/8" GYPSUM BOARD

VESTIBULE
101
102 SF

FLOOR SYSTEM

- 1) FLOOR COVERING
- 2) 4" CONCRETE SLAB-ON-GRADE
- 3) 4" GRAVEL BASE
- 4) VAPOR BARRIER
- 5) COMPACTED SUBGRADE

4" MIN.

MAIN LEVEL
100' - 0"

FOUNDATION SYSTEM

- 1) 8" CONCRETE
- 2) 1-1/2" RIGID INSULATION

T.O.F.
97' - 0"

3/16" = 1'-0" A-311

2.5

MAIN ROOF SYSTEM

- 1) METAL ROOFING
- 2) SYNTHETIC UNDERLAYMENT
- 3) ICE & WATER SHIELD WITHIN 4' OF EXTERIOR WALL
- 4) ROOF SHEATHING
- 5) TOP CHORD OF ENGINEERED WOOD TRUSS

Top of Wall
109' - 1 1/4"

LIBRARY
[108]
1187 SF

MAIN LEVEL
100' - 0"

T.O.F.
97' - 0"

NOTE:

APN:	Date Issued:
02.TOG.26	06/11/26
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BUILDING SECTIONS	
Sheet Number:	

A-311