

CONSTRUCTION:	INTERNATIONAL BUILDING CODE 2021 EDITION
HVAC:	INTERNATIONAL MECHANICAL CODE 2021 EDITION
PLUMBING:	INTERNATIONAL PLUMBING CODE 2021 EDITION
ELECTRICAL:	NATIONAL ELECTRICAL CODE 2023 EDITION
FIRE:	INTERNATIONAL FIRE CODE 2021 EDITION
HANDICAP:	ADA ACCESSIBILITY GUIDELINES 2010 EDITION/ ANSI STANDARDS
EXISTING BUILDING:	INTERNATIONAL EXISTING BUILDING CODE 2021 EDITION
ENERGY CODE:	INTERNATIONAL ENERGY CONSERVATION CODE 2021 EDITION

SWEETWATER COUNTY, WYOMING
WYOMING DEPARTMENT OF FIRE PREVENTION AND ELECTRICAL SAFETY

STORAGE:	300 GR
OFFICE:	150 GR
CIRCULATION:	0
CLASSROOM	20 NET
ASSEMBLY:	15 NET
SHOP:	50 NET

ADMINISTRATION	ROOM NAME
(000)	ROOM OCCUPANT LOAD
000	ROOM SQUARE FOOTAGE
F.E.	FIRE EXTINGUISHER
-----	TRAVEL DISTANCE
-----	SMOKE - SEE UL U419
-----	(E) 1-HOUR FIRE / SMOKE PARTITION
-----	1-HOUR FIRE/SMOKE CEILING

NOTES:

1. EXISTING SMOKE PARTITIONS NEED TO BE MAINTAINED / PROVIDED AT ALL WALLS SEPARATING OFFICE FORMS
2. SMOKE PARTITIONS ARE NOT REQUIRED AT ALL WALLS SEPARATING OFFICE FROM OFFICE
3. ASSEMBLY SPACES SUCH AS BREAK-ROOMS AND CONFERENCE ROOMS SHALL BE CONSIDERED ACCESSORY USES WHERE THEIR AGGREGATE AREA IS LESS THAN 10% OF THE FLOOR THEY OCCUPY.
4. INTERIOR SPACE-ALL HABITABLE SPACES SHALL HAVE MINIMUM 7'-6" CEILING HEIGHT. ALL HABITABLE ROOMS SHALL BE MINIMUM 10'0" TO 10'6"
5. ACCESS TO MECHANICAL SPACES (PER IMC 306.3) 30" W X 22" W ACCESS WITH A PASSAGE WAY NOT BEING LESS THAN 50 FT IN LENGTH WHERE HEIGHT IS GREATER THAN 6 FT. ACCESS MUST BE WITHIN 20 FT OF APPLIANCE BEING SERVICED WHERE THE CEILING IS LESS THAN 6 FT.
6. STAIR/CONSTRUCTION SHALL MATCH BUILDING TYPE. WALLS AND SOFFITS OF UNENCLOSED USABLE UNDER STAIR SHALL BE 1HR.
7. EXISTING CORRIDOR RATING AT SECOND FLOOR IS NOT REQUIRED AS OCCUPANT COUNT IS LESS THAN 30 PERSONS (PER IMC 102D.2 EXC 4).
8. OCCUPANCY SHALL REMAIN BELOW 30 TO MAINTAIN (B) NON-RATED CORRIDORS AT MAIN FLOOR FOR ENTIRE B-OCCUPANCY.

REQUIRED PLUMBING FIXTURES AT E OCCUPANCY (29):

WATER CLOSETS REQUIRED $1/50 = 15$	ACTUAL = 13 WATER CLOSETS, 1 URINAL
LAVATORIES REQUIRED $1/50 = 15$	ACTUAL = 14
SERVICE SINK REQUIRED 1	ACTUAL = 1

FIXTURE COUNTS BASED UPON CHAPTER 29, IBC 2024. REQUIREMENTS TO BE VERIFIED PER IPC

H. ROOF / ROOF-CEILING:	0-HR	0-HR	TABLE 901.3
I. ELEVATOR SHAFT ENCLOSURES:	N/A		SECTION 713
J. STAIRWAY ENCLOSURES:	0-HR	0-HR	SECTION 1019.3
K. FIRE SEPARATION DISTANCE	LESS THAN 10 FT = 1 HOUR		TABLE 602
10. OPENINGS			
A. OPENING FIRE PROTECTION & SMOKE PARTITION	N/A		TABLE 705.8
11. OCCUPANT LOAD:	LOWER CLASSES UPPER CLASSES CTE SHOP/LABS:		$71 > 215$ 144 600 - 600 TOTAL: 815
12. EXIT REQUIREMENTS:			
A. TOTAL REQUIRED WIDTH OF EXITS:	0.20" PER OCCUPANT		TABLE 1005.3.2
B. ARRANGEMENT OF EXITS:	NOT LESS THAN ONE HALF THE DIAGONAL OF THE ROOM		SECTION 1007.1.1
C. DISTANCE TO EXITS:	200 LF		TABLE 1017.2
D. COMMON PATH OF EGRESS TRAVEL:	OC < 30 = 75 LF OC > 30 = 75 LF		TABLE 1006.2.1
E. NUMBER OF EXITS:	1ST FLOOR: OL < 49 - 1 EXIT 1ST FLOOR: OL > 49 - 2 EXITS 2ND FLOOR: OL > 29 - 2 EXITS		TABLE 1006.2.1
13. CORRIDOR REQUIREMENTS:			
A. TOTAL REQUIRED WIDTH	44" MIN. (8 OCC/30 = 36" MIN.)		TABLE 1020.3
B. REQUIRED CORRIDOR RATING	1-HR (8 OCC/30 0-HR)		TABLE 1020.2
C. DEAD END CORRIDORS	20 FT		SECTION 1020.3
14. STAIRWAYS REQUIREMENTS:			
A. TOTAL REQUIRED WIDTH OF STAIRWAYS:	44" MIN. (8 OCC/30 = 36" MIN.)		SECTION 1011.2
B. RISE/RUN	7 INCHES / 11 INCHES		N/A
C. HEADROOM	80" MIN.		N/A
D. LANDING	EQUAL TO STAIR WIDTH		N/A

PROJECT NUMBER:	2617	BUILDING CODE APPLICABLE:	2021 IBC
PROJECT:	GREENE'S FACILITY CONVERSION	LOCAL ZONING:	INDUSTRIAL
LOCATION:	ROCK SPRINGS, WY	DESCRIPTION:	INTERIOR RENOVATION
1. OCCUPANCY:		E EDUCATION	SECTION 311.3
2. TYPE OF CONSTRUCTION:		II-B - NON COMBUSTIBLE	TABLE 601
3. ALLOWABLE AREA:		II-B: 43,500 MULTI-STORY	TABLE 506.2
A. ACTUAL AREA:		MAIN FLR - E OCC: 3,472 SF SECOND FLR - E OCC: 3,573 SF MAIN FLR - E OCC: 33,106 SF TOTAL: 40,151 SF	7,045 SF
4. ALLOWABLE AREA INCREASES:			
A. INCREASE BY SPRINKLER:		SPRINKLERED	SECTION 506
B. INCREASE BY AREA:		NOT USED	SECTION 506.3
TOTAL ALLOWABLE AREA:		23,625 S.F.	SECTION 506.2.4
HEIGHT ALLOWABLE:		75'-0", 3 STORY	TABLE 504.3 / 504.4
ACTUAL HEIGHT:		25'-1"	
6. HEIGHT ALLOWABLE INCREASE:		NOT USED	SECTION 506
7. PROJECTIONS ALLOWED			
A. PROJECTION MATERIAL		NON-COMBUSTIBLE	SECTION 705.2
8. OCCUPANCY SEPARATION REQUIREMENTS: NON-SEPARATED		BETWEEN 5-2 AND B. SMOKE (E) 1 HOUR TO REMAIN	TABLE 508.4
9. FIRE RESISTIVE REQUIREMENTS			
A. INTERIOR BEARING WALLS:		0-HR	TABLE 601
B. INTERIOR NON-BEARING WALLS:		0-HR	TABLE 601
C. EXTERIOR NON-BEARING WALLS:		0-HR	TABLE 602
D. STRUCTURAL FRAME:		0-HR	TABLE 601
E. PERMANENT PARTITIONS:		0-HR	TABLE 601
F. EXTERIOR DOORS & WINDOWS:		0-HR	SECTION 716
G. FLOORS / FLOOR-CEILINGS:		0-HR	TABLE 601

[illegible]

SWEETWATER COUNTY SCHOOL DISTRICT #1 GREENES FACILITY CONVERSION ROCK SPRINGS, WYOMING



plan one / architects

ARCHITECTS

The professional services of the architect are undertaken for and are performed in the interest of SWEETWATER COUNTY SCHOOL DISTRICT #1

project:	2617
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date: 5/12/2026

CODE REVIEW PLANS

CR1.1

