

# COMMUNITY HEALTH CENTER OF CENTRAL WYOMING

5000 BLACKMORE ROAD  
CASPER, WYOMING 82609

## 100% CONSTRUCTION DOCUMENT PACKAGE



PROJECT NUMBER  
**101870.00**

DRAWN BY  
**JChristiansen**

DATE  
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REVISIONS  
REV. DESCRIPTION DATE

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### GENERAL NOTES

- THE PROJECT SHALL COMPLY WITH THE LATEST REQUIREMENTS FOR ACCESS TO BUILDINGS BY PHYSICALLY HANDICAPPED PERSONS PER ICC/ANSI A117.1-2003.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING. IN NO CASE SHALL DIMENSIONS BE SCALED FROM DRAWINGS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH INSTALLATION OF ANY MECHANICAL, PLUMBING OR ELECTRICAL WORK.
- THIS BUILDING IS FULLY PROTECTED BY AN AUTOMATIC FIRE SPRINKLER SYSTEM CONFORMING TO THE 2006 I.B.C., SECTION (F) 903.2.2. PROVIDE ALL NECESSARY DROPS OFF MAINS TO CONFORM TO CODE. ALL HEADS TO BE CENTERED IN A CEILING TILE. **[CONCEALED SPRINKLER HEADS, WHITE]** SUBMIT FIRE SPRINKLER SHOP DRAWINGS TO THE LOCAL FIRE PROTECTION AGENCY FOR APPROVAL BEFORE BEGINNING INSTALLATION.
- DIMENSIONS ARE TO FACE OF INTERIOR GYPSUM BOARD OR TILE BACKER BOARD, FACE OF EXTERIOR SHEATHING, FACE OF CONCRETE, GRIDLINES AND CENTERLINES WHERE INDICATED.
- OPENINGS IN RATED PARTITIONS SHALL COMPLY WITH 2006 I.B.C., SECTION 715.
- PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE PROTECTED PER THE 2006 I.B.C., SECTION 713.
- JOINTS IN RATED ASSEMBLIES SHALL BE PROTECTED PER THE 2006 I.B.C., SECTION 714.
- FLAME SPREAD OF INTERIOR FINISHES SHALL BE PER 2006 I.B.C., SECTION 803.9 AND TABLE 803.9.
- ALL THERMAL INSULATION SHALL BE FULL WIDTH OF CAVITY, GREENGUARD CERTIFIED. INSULATING MATERIAL SHALL COMPLY WITH THE CALIFORNIA QUALITY STANDARDS FOR INSULATING MATERIAL, AND SHALL BE INSTALLED IN COMPLIANCE WITH THE FLAME RATINGS AND SMOKE DENSITY REQUIREMENTS OF THE 2006 I.B.C., SECTION 719.
- PROVIDE LEVER-TYPE DOOR HANDLES OPERABLE BY A SINGLE EFFORT WITH NO GRASPING OR HAND MOVEMENT REQUIRED. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE, WITHOUT ANY SPECIAL KNOWLEDGE, EFFORT OR USE OF A KEY PER 2006 I.B.C. SECTION 1008.1.9 AND 1008.1.9.3.  
  
ALLOWABLE CLOSER PRESSURE: EXTERIOR & INTERIOR DOORS 5 LBS. MAX.  
FIRE DOORS 15 LBS. MAX.
- MAIN ENTRANCE DOORS TO BE POSTED WITH THE FOLLOWING: "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS", AND PROVIDED WITH AN EXIT SIGN.
- PROVIDE HORIZONTAL BLINDS AT ALL EXTERIOR WINDOWS. SEE SPECIFICATIONS AND I.D. SHEETS.
- SEE FLOOR PLANS, INTERIOR ELEVATIONS AND ID.1.1 FOR ADDITIONAL GENERAL NOTES.

### PROJECT DATA

**BUILDING ADDRESS:** 5000 BLACKMORE ROAD  
CASPER, WY 82609

**PROJECT TYPE:** TWO STORY COMMUNITY HEALTH CLINIC

**OCCUPANCY:** 47,351 S.F. - B OCCUPANCY  
2,345 S.F. - A3 OCCUPANCY  
49,696 S.F. TOTAL

**CONSTRUCTION TYPE:** TYPE IIB, FULLY SPRINKLED

**GROSS FLOOR AREA:** ALLOWABLE AREA PER FLOOR (A3 OCCUPANCY): 9,500 S.F.  
AREA INCREASE:  
 $A_2 = (A_1 + [A_1 \times I_1]) + [A_1 + I_2]$   
 $A_1 = 9,500$   
 $I_1 = [F/P - 0.25] W/30$   
 $[1 - 0.25]30/30 = .75$   
 $I_2 = 2$   
 $A = [9,500 + (9,500 \times .75)] + [9,500 \times 2]$   
 $= [9,500 + 7,125 + 19,000] = 35,625 \text{ S.F. PER FLOOR}$

**ACTUAL AREA:** FIRST FLOOR 25,042 S.F.  
SECOND FLOOR 24,654 S.F. (2,345 A3 OCC.)  
TOTAL 49,696 S.F.

**MINIMUM EGRESS REQ:** TOTAL OCCUPANT LOAD: 49,696 SF/100 SF PER OCC.  
= 500 OCCUPANTS

WIDTH PER OCCUPANT SERVED: 0.15  
PER IBC 2006, SECTION 1005, TABLE 1005.1

MINIMUM EGRES WIDTH REQUIRED: 500 X .15 = 75"

**EGRESS WIDTH PROVIDED:** (1) @ 58"  
(1) @ 36"  
TOTAL: 94"

**PARKING REQUIRED:** REQUIRED:  
OFFICE, MEDICAL/DENTAL - 4.11 SPACES PER 1,000 GSF  
-49,623/1,000 = 49.6, 50 X 4.11 = 206 (6 HC, 1 VAN HC)

**PROVIDED:** 211, SEE SHEET A1.1

**HAZARDOUS MATERIALS:** HAZARDOUS MATERIALS ARE NOT USED, STORED OR TRANSPORTED WITHIN THIS BUILDING IN QUANTITIES SUFFICIENT TO REQUIRE PROTECTION PER CBC CHAPTER 3.

**APPLICABLE CODES:** 2006 INTERNATIONAL BUILDING CODE (IBC)  
2006 INTERNATIONAL PLUMBING CODE (IPC)  
2006 INTERNATIONAL MECHANICAL CODE (IMC)  
2008 NATIONAL ELECTRICAL CODE (NEC)  
2006 INTERNATIONAL FIRE CODE (IFC)  
CASPER AMMENDMENTS

**DEFERRED SUBMITTALS:** FIRE SPRINKLER SYSTEM  
FIRE ALARM SYSTEM

NOTE: THERE IS NO MEDICAL GAS SYSTEM AS A PART OF THIS CONSTRUCTION.

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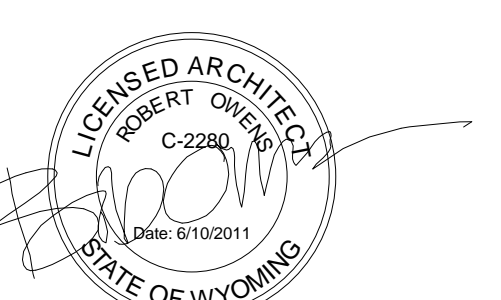
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PROJECT  
**COMMUNITY HEALTH CENTER OF CENTRAL WYOMING**

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