AMERICAN'S W/ DISABILITIES ACT FAIR HOUSING ACCESSIBILITY GUIDELINES AIR FORCE INSTRUCTION 34-246, AIR FORCE LODGING STANDARDS AIR FORCE INSTRUCTION 34-246, AIR FORCE LODGING STANDARDS AFP 32-1097; AIR FORCE SIGN STANDARDS PAMPHLET AETC INSTRUCTION 32-1001, BASE EXTERIOR SIGN PROGRAM AND EXTERIOR GRAPHICS AFJMAN 32-1008, INSTALLATION DESIGN PARAMETRIC COST ENGINEERING SYSTEM (PACES) MIL-HDBK-1190; MILITARY HANDBOOK FACILITY PLANNING AND DESIGN GUIDE — TECHNICAL GUIDANCE AIR FORCE INSTRUCTION 31-210, AIR FORCE ANTI TERRORISM/ FORCE INSTRUCTION 31-210, AIR FORCE ANTI TERRORISM PROGRAM STANDARDS INTERNATIONAL ENERGY CONSTRUCTION STANDARDS 1999 USAF ENVIRONMENTALLY RESPONSIBLE FACILITIES GUIDE INTERNATIONAL ENERGY CONSERVATION CODE 2000 ARKcheck, COMCheck, PLUS OR COMCheck—EZ, COMMERCIAL AND RESIDENTIAL ENERGY CODE COMPLIANCE AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS (ASHRAE) 90.1, ENERGY STANDARDS FOR BUILDINGS EXCEPT LOW RISE RESIDENTIAL BUILDINGS ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LIGHTING HANDBOOK AREA BOILERS OVER 15PSI AND 10 HORSEPOWER LAUNDRY ROOMS OVER 100 SQ.FT. STORAGE ROOMS OVER 100 SQ.FT. WASTE AND LINEN COLLECTION ROOMS OVER 100 SQ.FT. FIRST FLOOR SECOND FLOOR TOTAL TYPE EARTHQUAKE CODE MECHANICAL PROTECTION FROM HAZARDOUS FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601 & 602) (A) INTERIOR BEARING WALLS: 0 COLUMNS: 0 CONSTRUCTION REQUIREMENTS TYPE III—B, UNPROTECTED, SPRINKLED (TABLE 601) (A) MAXIMUM ALLOWABLE HEIGHT: 55' FEET/ 4 STORIES (TABLE 503) (B) MAXIMUM ALLOWABLE FLOOR AREA: 16,000 SQUARE FEET/FLOOR (TABLE 503) TOTAL SQUARE FOOTAGE: 16,000+16,000 = 48,000 SQ. FT./ FLOOR (C) ALLOWABLE HEIGHT & AREA INCREASES: FRONTAGE: A = (16,000) 100%/ 100 (SECTION 5) PHYSICAL PROPERTIES OF BUILDING OCCUPANCY RESIDENTIAL GROUP R-1 (SECTION 311.2) MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT TABLE 1003.2.2.2: RESIDENTIAL AREA: 200 GROSS SQUARE FEET/ OCCUPANT OCCUPANCY CLASSIFICATION REGULATIONS, NIERNATIONAL ARKANSAS MECHANICAL CODE (1992 EDITION) INTERNATIONAL MECHANICAL CODE (2000) ARKANSAS STATE GAS CODE (2000) ARKANSAS STATE PLUMBING CODE (1996) INTERNATIONAL ELECTRICAL CODE (2000) PLUMBING NFPA 70-1999 (NEC) INTERNATIONAL ELECTRICAL CODE (2000) ELECTRICAL LIFE SAFETY CODE NFPA 101 (1997 EDITION) ARKANSAS FIRE PREVENTION CODE, VOLUME II 1999 EDITION INTERNATIONAL FIRE CODE (2000) MIL—HDBK—1008 C, FIRE PROTECTION FOR FACILITIES ENGINE ARKANSAS FIRE PREVENTION CODE, VOLUME II 1999 EDITION INTERNATIONAL BUILDING CODE, ICC 2000 EDITION BUILDING CODE NOTE: ALL SECTION & TABLE REFERENCES ARE FROM THE NOTED. COLUMNS: 0 BEAMS, GIRDERS, TRUSSES: 0 GEILING/ FLOOR CONSTRUCTION: 0 ROOF/CEILING CONSTRUCTION: 0 EXTERIOR BEARING WALLS: OVER 30 FT. SEPARATION — 0 NL (NO LIMITS ON WALL OPENINGS) EXTERIOR NON—BEARING WALLS: OVER 30 FT. SEPARATION — NC NL (NO LIMITS ON WALL OPENINGS) SEPARATION DISTANCE: NORTH: > 30 FEET SOUTH: > 30 FEET SOUTH: > 30 FEET EAST: > 30 FEET WEST: > 30 FEET WEST: > 30 FEET WEST: > 30 FEET Output No LIMITS (TABLE 704.8) BUILDING AREA: 1ST FLOOR — 33,170 SQ.FT. 2ND FLOOR — 33,320 SQ.FT. GRADE: ELEV. 372.00 FT. BUILDING HEIGHT: 37'-0" ABOVE GRADE NUMBER OF STORIES: 2 SEPARATION DISTANCE: NORTH: > 30 FEET CODE CODE 9 CONSTRUCTION BUILDING CODE, ICC 2000 EDITION AND SQUARE FOOTAGE CODE MANUALS, \supset <u>GROSS SQ.FT.</u> 33,158 SPRINKLED: CODES A = (16,000) 100%/ 100 (SECTION 506.1) A = 16,000 SQ.FT. A= (16,000)100%/ 100 (SECTION 506.1) A = 16,000 SQ.FT. AREAS AND INDUSTRY <u>SQ.FT/PERSON</u> 200 200 SEPARATION/ PROTECTION 1-HOUR SEPARATION/ 3/4-HOUR DOORS 1-HOUR SEPARATION/ 3/4-HOUR DOORS 1-HOUR SEPARATION/ 3/4-HOUR DOORS 1-HOUR SEPARATION/ 3/4-HOUR DOORS (TABLE 302.1.1) <u>S</u> STANDARDS MEANS OF EGRESS REQUIREMENTS (CHAPTER 10 OCCUPANCY CLASSIFICATION: GROUP R-2 (RESIDENTIAL) MAX. TRAVEL DISTANCE TO EXIT (SPRINKLERED): 200 FT DEAD END CORRIDOR: 20 FT. MAX. EGRESS WIDTH PER PERSON SERVED: 0.15 LEVEL (RAMPS, DOCUMENT OF TABLE 1003.2.3 MINIMUM CORRIDOR WIDTH: 44 INCHES MINIMUM CLEAR OPENING OF EXIT DOORS: 32 INCHES MINIMUM STAIR WIDTH: 44 INCHES EXIT ACCESS CORRIDORS STRUCTURE: BUILDING MINIMUM INTERIOR FINISH CLASSIFICATION (TA OCCUPANCY: RESIDENTIAL—2 SPRINKLED VERTICAL EXITS AND EXIT PASSAGEWAYS: CLASS A EXIT ACCESS CORRIDORS AND OTHER EXITWAYS: CLASS A ROOMS AND ENCLOSED SPACES: CLASS A,B, OR C CLASS C = FLAMESPREAD 76—200; SMOKE DEVELOPED 0— FOUNDATION: NOTE: EGRESS DOORS MUST SWING IN DIRECTION OF EXIT MINIMUM FIRE MINIMUM CORRIDOR WIDTH: 44 INC MINIMUM CLEAR OPENING OF EXIT MINIMUM STAIR WIDTH: 44 INCHES INTERIOR WALLS: EXTERIOR WALLS: ATTIC VENTILATINTERNATIONAL BUILDING CODE SECTION 1202.2 MINIMUM REQUIRED FREE VENTILATION AREA = 1/150 OF ASSUME 29,800 SQ. FT. AREA X 0.0067 = 200 SQ.FT. IN 50% OF VENTILATION AREA MUST BE FOR VENTILATORS IN OF THE SPACE (I.E. RIDGE VENTS RIDGE VENT NET FREE AREA REQUIRED = 100 SQ. FT. NOTE OF THE SPACE (I.E. RIDGE VENTS) CONSTRUCTION ROOF: FINISHES: CEILINGS RESISTANCE BRICK 6" 16 5/8" (SEE FINISHED SCHEDULE A27. 1 HOUR RATED: 6" OR 3-5/8" AS INDICATED (16 GA. LOAD BEARING WALLS AND 25 GA. NON-LOAD BEARING WALLS) METAL STUDS @ 16" O.C. W/ (1) LAYER OF 5/8" TYPE "X" GYPSUM BOARD ON EACH SIDE, RE: 1/A7. SUSPENDED 1/2" GYPSUM BOARD CEILING (UNLESS NOTED OTHERWISE) AND 2'-0" \times 2'-0" SUSPENDED ACOUSTICAL CEILING TILE, SEE FINISHED SCHEDULE A27. NON-RATED & NON-LOAD BEARING: 3-5/8" 25. GA. METAL STUDS @ 16" O.C. W/ (1) LAYER MIN. OF 5/8" GYPSUM BOARD ON EACH SIDE. ASPHALT SHINGLES, ONE LAYER OF #30 FELT, 5/8" OSB DECK WITH RADIANT BARRIER, AND PRE—ENGINEERED METAL ROOF TRUSSES. CONCRETE SPREAD FOOTINGS 1st FLOOR — SLAB ON GRADE 2nd FLOOR — CONCRETE SLAB VENEER, 2" AIR SPACE, 1/2" EXTERIOR GRADE GYPSU 3 GA. GALV. METAL STUDS @ 16" O.C., 6" BATT INSULA GYPSUM BOARD. EXTERIOR WALLS ARE LOAD BEARING VENTS \ REQUIRED = 100 SQ. FT. MINIMUM A REQUIRED = 100 SQ.FT. MINIMUM CLASSIFICATION (TABLE KLED 1 HOUR WALLS, CALCULATION PARTITIONS $\overline{\neg}$ DOORS, 450 (SECTION 803.1) 10) 20 MIN. AND Ø DECK CORRIDORS) LOAD IS OPENING ON BAR E GYPSUM BOARD, INSULATION, AND 50 OR MORE (SECTION 1003.1.2) TABLE 1003.23 PROTECTIVES U465 ACOUSTICAL INSULATION (WHERE SCHEDULED) MINERAL WOOL BATTS BEARING THE U.L. CLASSIFICATION MARKING, COMPLETELY FILLING STUD CAVITY. THERMAFIBER LLC, TYPE SAFB, OR APPROVED EQUAL STEEL STUDS: "C—H" SHAPED STUDS, 2—1/2" WIDE BY 1—1/2" DEEP, FABRICATED FROM 20 MSG GALV. STEEL. CUT TO LENGTHS 3/8" LESS THAN FLOOR—TO—CEILING HEIGHT AND SPACED 24" o.c. (TABLE



STRUCTURE (METAL I PROVIDE A BEAD OF 6" OR 3-5/8" CONT GALVANIZED STEEL. , SEAL ALL PENETRATIONS WITH APPROVED FIRESTOPPING SYSTEM. SEE SPECIFICATION SECTION 07270. CUT GYP. BD. & SEAL AGAINST STRUCTURE (METAL DECK AND/ OR BOTTOM OF ROOF TRUSSES) WITH APPROVED U.L. FIRE RESISTIVE SEALANT. T. RUNNER CHANNEL, 1-1/4" LEGS, MIN. 20 MSG ATTACH WITH FASTENERS @ 24" o.c. MAX. DECK AND/ OR BOTTOM OF ROOF TRUSSES)
ACOUSTICAL SEALANT AROUND THE PARTION PERIMETER

ACOUSTICAL BATT INSULATION WHERE SCHEDULED AND/ OR AS NOTED ON DRAWINGS, AND/ OR AS INDICATED IN SPECIFICATIONS. 6" OR 3-5/8" METAL STUDS @ 16" o.c. STUDS CHANNEL SHAPED, 1-1/4" LEGS, 3/8" FOLDED BACK RETURNS, NO. 25 MSG GALVANIZED STEEL FOR NON-LOAD BEARING WALLS, STUDS TO BE CUT 1/2" TO 3/4" LESS THAN ASSEMBLEY HEIGHT AND FRICTION FITTED INTO FLOOR AND CEILING RUNNERS NO. 16 MSG GALVANIZED STEEL FOR LOAD BEARING WALLS, ATTACH TO FLOOR AND CEILING RUNNERS W/ 1/2" LONG TYPE S-12 STEEL SCREWS ON BOTH SIDES OF THE STUDS OR BY WELDED OR BOLTED CONNECTIONS. CEILING AS SCHEDULED "FIRE & SMOKE BARRI ALL OPENINGS" SPACE WORDING @ 4'. RATED FA. PARTITIONS SHALL BE NTIFIED BY SIGN OR NG ABOVE DECORATIVE DEALED SPACES WITH THE RIER — PROTECT -0" o.c. MAX.

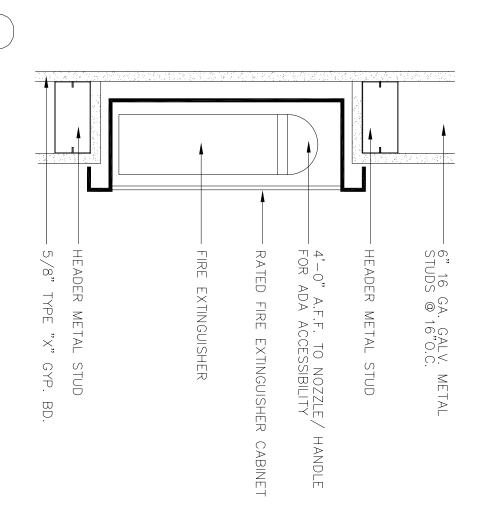
CONT. TRACK (SAME BD. (U.L. CERTIFIED).
ATTACHED VERTICALLY OR HORIZONTALLY
TYPE S-12 STEEL SCREWS.
D ATTACHED SPACE SCREW @ 8" AT EDGES AND
FIELD. STAGGER JOINT ONEV CAVITY ON OPPOSITE SIDE OF STUD.
LIED ATTACHED SPACE SCREWS 8" O.C. AT EDGES AND IN THE FIELD.
REMENTS ON JOINTS. AS A MININUM AS PER UL #U432. AS CONT. RUNNER CHANNEL)

1 HOUR GYPSUM BOARD PARTITION

U.L. DESIGN NO: U432 (BEARING AND NONBEARING OPENING PROTECTION RATING: 1 HOUR "B" OR 3/4" HOUR.

LOCATIONS: SEE LIFE SAFETY PLANS <u>NOTE:</u> ALL DUCT PENETRATIONS SHALL HAVE 1 HOUR FIRE DAMPERS EXCEPT WHERE ALLOWED BY BUILDING CODE. WALLS)

1) CONTRACTOR SHALL REFERENCE U.L. # NOTED ABOVE DETAILED REQUIREMENTS OF WALL CONSTRUCTION. 2) RATED ASSEMBLIES ARE FROM 2002 UNDERWRITERS LABORATORIES INC. DIRECTORY, FIRE RESISTANCE- VOLUM FOR MORE

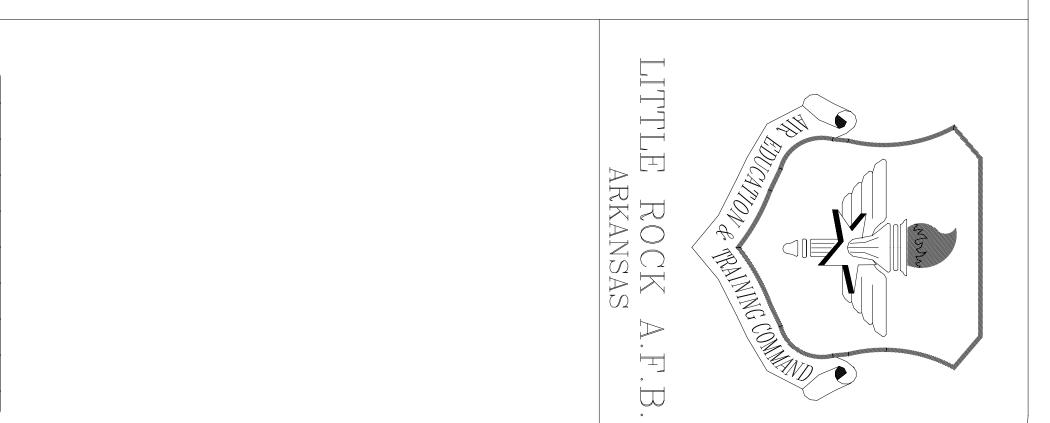


1" THICK U.L. CERTIFIED GYPSUM WALLBOARD LINER PANELS, SUPPLIED IN NOM. 24" WIDTHS. HORIZONTAL EDGES INSERTED IN "H" SHAPES SECTION OF "C—H" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF "J" RUNNERS WITH 1—5/8" LONG TYPE S HEAD STEEL SCREWS SPACED NOT GREATER THAN 12" o.c. UNITED STATES GYPSUM CO. TYPE SLX, OR APPROVED EQUAL. 5/8" THICK, U.L. CERTIFIED 4 FT. WIDE GYPSUM WALLBOARD APPLIED HORIZONTAL AND ATTACHED TO STUDS WITH 1 INCH LONG TYPE "S" STEEL SCREWS SPACED 12 IN. O.C. ALONG THE EDGES AND IN THE FIELD OF THE BOARDS. UNITED STATES GYPSUM CO. TYPE C, FRX—G, IP—X2, WRC, OR SCX, OR APPROVED EQUAL.

RECESSED FIRE SCALE: N.T.S. RE:

DETAIL

1 HOUR GYPSUM BOARD "HORIZONTAL SHAF U.L. DESIGN NO: WHI-495



1	No Changes from Deign to As—Built			
No.	Revision/Issue	Date	BY	APP'D

AS-BUILT	DATA SHEET & DETAILS	SHEET TITLE	FACILITY

TEMPORARY

LODGING

		ı	! 		
SCALE AS SHOWN	28 MAY 2002	DESIGNED BY	TECH REVIEWER	JB	DRAWN BY
9 - 1 - 8	SHEET	NKAK02-5001	FILE LOCATION	BG	LEAD DESIGNER