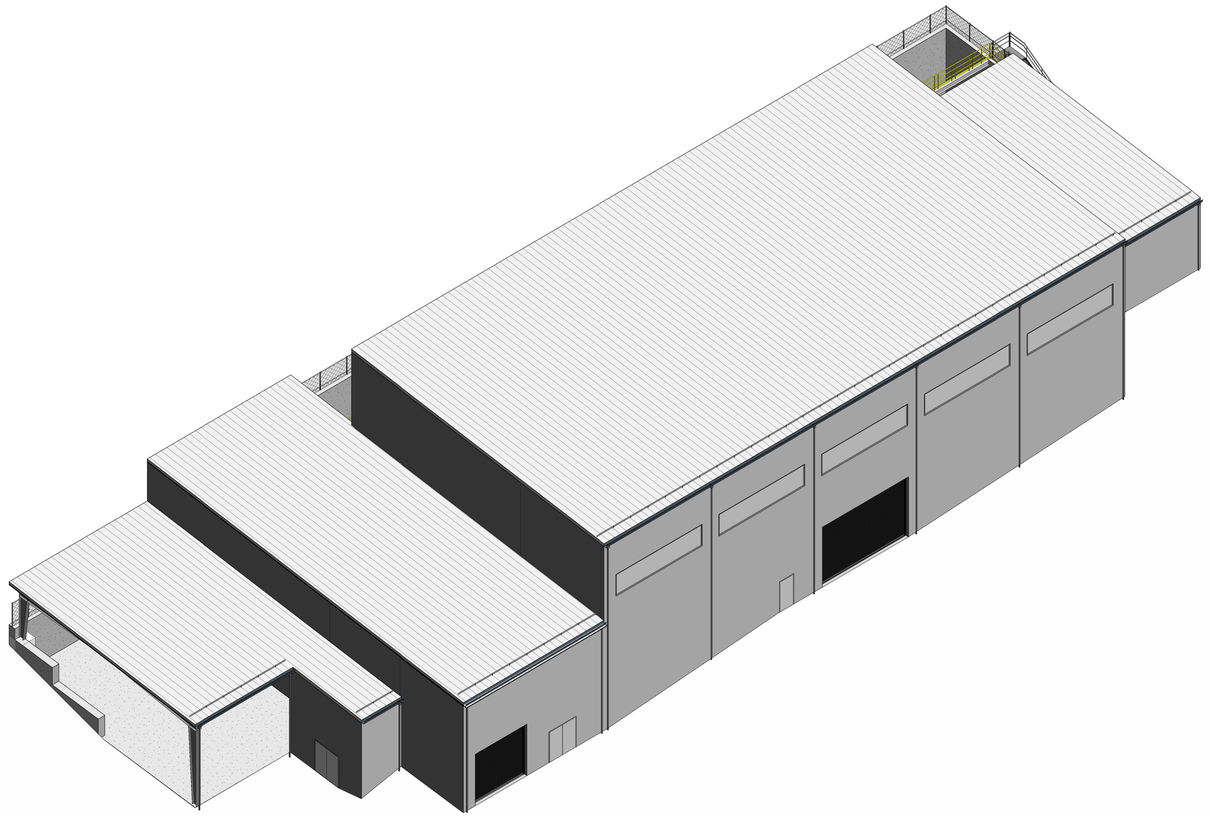
BP2 - IHS HOSPITAL UTILITY CAMPUS

IHS REVIEW AND APPROVAL

REVIEWED BY	DATE
CIVIL Thomas Armitage -S — Digitally signed by Thomas Armitage -S Date: 2026.03.11 14:44:33 -05'00'	
MECHANICAL Hung M. Nguyen -S — Digitally signed by Hung M. Nguyen -S Date: 2026.03.11 15:14:23 -05'00'	
APPROVED Scott P. Fillerup -S — Digitally signed by Scott P. Fillerup -S DN: OID.0.9.2342.19200300.100.1.1=2000120248 + CN=Scott P. Fillerup -S, OU=People, OU=IHS, OU=HHS, O=U.S. Government, C=US Date: 2026.03.11 11:02:30-07'00'	DATE
DES PROJECT MANAGER	
CONCURRENCE Denman K. Ondelacy -S — Digitally signed by Denman K. Ondelacy -S Date: 2026.03.11 11:24:42 -07'00'	DATE
DES DEPUTY DIRECTOR Roger N. Dahozy -S — Digitally signed by Roger N. Dahozy -S Date: 2026.03.11 15:55:09 -07'00'	
AREA FACILITY PROGRAM DIRECTOR Kenny R. Hicks -S — Digitally signed by Kenny R. Hicks -S Date: 2026.03.11 14:37:41 -07'00'	
AREA OEHE DIRECTOR	



200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Whiteriver Hospital

Two Renaissance Square
40 North Central Avenue, Suite 601
Phoenix, Arizona 85004
602.364.5042
www.ihs.gov

IHS Division of Engineering Services
1301 Young Street, Suite 840-19
Dallas, TX 75202

SMITHGROUP

455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
smithgroup.com

VOLUME I OF I

ISSUED FOR:
FINAL CONSTRUCTION DOCUMENTS

ISSUE DATE:
01/23/2026

14904.000

Plot Date: 12/19/2025 12:49:07 PM

PROJECT SHEET INDEX

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GENERAL			
		G0.0	PROJECT COVER SHEET
		G1.1	PROJECT SHEET INDEX AND GENERAL PROJECT INFORMATION
		G2.0.0	BUILDING CODE SUMMARY
		G2.2.1	FIRE LIFE SAFETY PLANS
CIVIL			
		C1.00	COVER
		C1.01	NOTES
		C2.00	SITE PLAN KEY MAP
		C2.01	SITE PLAN
		C2.02	SITE PLAN
		C3.00	GRADING & DRAINAGE KEY MAP
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		C3.04	STORM DRAIN PLAN
		C3.05	STORM DRAIN PROFILES
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		C5.05	SEWER FORCE MAIN PLAN & PROFILE
		C5.06	SEWER FORCE MAIN PLAN & PROFILE
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		C5.09	SEWER FORCE MAIN PLAN & PROFILE
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		C6.03	RECLAIMED WATER PLAN & PROFILE
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		C6.05	RECLAIMED WATER PLAN & PROFILE
		C6.06	RECLAIMED WATER PLAN & PROFILE
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PROJECT SUSTAINABILITY STATEMENT

THIS PROJECT IS REGISTERED UNDER THE LEED ® GREEN BUILDING PROGRAM ADMINISTERED BY THE GREEN BUILDING CERTIFICATION INSTITUTE (GBCI). THE PROJECT MANUAL SECTION TITLED "SUSTAINABLE DESIGN REQUIREMENTS" OUTLINES THE SPECIFIC CRITERIA TO BE ACHIEVED IN THIS PROJECT TO OBTAIN LEED [insert certification level here] CERTIFICATION BASED ON GBCI's "insert LEED version and program here]"

SmithGroup is a member in good standing of the USGBC

PROJECT TEAM

OWNER / CLIENT:
INDIAN HEALTH SERVICE
TWO RENAISSANCE SQUARE
40 NORTH CENTRAL AVENUE, SUITE 601
PHOENIX, ARIZONA 85004
T: 602.364.5042
WEBSITE: www.ihs.gov

IHS DIVISION OF ENGINEERING SERVICES
1301 YOUNG STREET, SUITE 840-19
DALLAS, TX 75202

ARCHITECT:
SMITHGROUP
455 NORTH THIRD STREET, SUITE 250
PHOENIX, ARIZONA 85004
T: 602.265.2200
WEBSITE: www.smithgroup.com

STRUCTURAL ENGINEER:
MORRISON-MAIERLE
1 ENGINEERING PLACE
HELENA, MONTANA 59602
T: 406.442.3050
WEBSITE: www.m-m.net

MECHANICAL ENGINEER:
MORRISON-MAIERLE
1 ENGINEERING PLACE
HELENA, MONTANA 59602
T: 406.442.3050
WEBSITE: www.m-m.net

ELECTRICAL ENGINEER:
MORRISON-MAIERLE
1 ENGINEERING PLACE
HELENA, MONTANA 59602
T: 406.442.3050
WEBSITE: www.m-m.net

CIVIL ENGINEER:
DIBBLE ENGINEERS INC.
1626 NORTH LITCHFIELD ROAD, SUITE 150
GOODYEAR, ARIZONA 85203
T: 623.935.2258
WEBSITE: www.dibbleengineers.

LANDSCAPE ARCHITECT:
SMITHGROUP
455 NORTH THIRD STREET, SUITE 250
PHOENIX, ARIZONA 85004
T: 602.265.2200
WEBSITE: www.smithgroup.com

FIRE ALARM / FIRE PROTECTION ENGINEER:
SMITHGROUP
455 NORTH THIRD STREET, SUITE 250
PHOENIX, ARIZONA 85004
T: 602.265.2200
WEBSITE: www.smithgroup.com

ICT ENGINEER:
SMITHGROUP
455 NORTH THIRD STREET, SUITE 250
PHOENIX, ARIZONA 85004
T: 602.265.2200
WEBSITE: www.smithgroup.com

SECURITY ENGINEER:
SMITHGROUP
455 NORTH THIRD STREET, SUITE 250
PHOENIX, ARIZONA 85004
T: 602.265.2200
WEBSITE: www.smithgroup.com

WAYFINDING SIGNAGE:
SELBERT PERKIN DESIGN
432 CULVER BLVD
PLAYA DEL RAY, CA 90293
T: 310.822.5223
WEBSITE: www.selbertperkins.com

PROJECT GENERAL NOTES

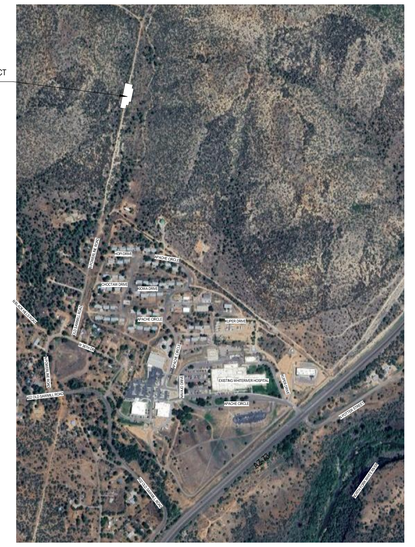
THE FOLLOWING PROJECT GENERAL NOTES APPLY TO THE ENTIRE DRAWING SET AND ARE NOT SPECIFIC TO ANY ONE DISCIPLINE, UNLESS OTHERWISE NOTED:

1. THE DRAWING SET AND SPECIFICATIONS (PROJECT MANUAL) ARE COMPLEMENTARY AND ESTABLISH DETAILED MINIMUM REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT.
2. THE DRAWING SET CONSISTS OF ALL SHEETS LISTED BY THE SHEET INDEX. THE WORK DESCRIBED BY THE DRAWINGS OF ANY ONE DISCIPLINE MAY BE AFFECTED BY THE WORK DESCRIBED ON DRAWINGS OF ANOTHER DISCIPLINE AND MAY REQUIRE REFERENCE TO DRAWINGS OF ANOTHER DISCIPLINE. AS SUCH, DO NOT DISTRIBUTE OR UTILIZE PARTIAL SETS OF DRAWINGS.
3. COLUMN GRID LINES IDENTIFIED BY A LETTER DESIGNATION ARE PARALLEL, UNLESS OTHERWISE NOTED. COLUMN GRID LINES IDENTIFIED BY A NUMBER DESIGNATION ARE PARALLEL AND ARE PERPENDICULAR TO THOSE WITH LETTER DESIGNATIONS, UNLESS OTHERWISE NOTED.
4. DISCIPLINE GENERAL NOTES, SYMBOLS AND DEFINITIONS APPLICABLE TO EACH DISCIPLINE'S DRAWINGS MAY BE FOUND AT THE FRONT OF EACH DISCIPLINE'S PORTION OF THE DRAWING SET AND ARE LISTED IN THE SHEET INDEX.
5. UNLESS INDICATED OTHERWISE, THE 'ARCHITECTURAL' SERIES DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES.
6. THE DRAWINGS MAY MAKE REFERENCE TO OR ILLUSTRATE ITEMS WHICH ARE NOT PART OF THE WORK OF THE CONTRACT. THESE "NOT IN CONTRACT" ITEMS AS INDICATED ARE REFERENCED OR ILLUSTRATED FOR THE CONTRACTOR'S REFERENCE, INFORMATION AND COORDINATION ONLY.
7. TAKE PRECAUTIONS TO MAINTAIN AND PROTECT NEW WORK. ANY DAMAGE TO SUCH SYSTEMS AND ELEMENTS SHALL BE IMMEDIATELY REPAIRED IN A MANNER ACCEPTABLE TO THE ARCHITECT. IF SATISFACTORY REPAIRS CANNOT BE MADE, REPLACE SYSTEMS AND ELEMENTS WITH "LIKE NEW" QUALITY ACCEPTABLE TO THE ARCHITECT, ALL AT NO ADDITIONAL COST.
8. ALL PARTS OF THE WORK, INCLUDING BUT NOT LIMITED TO MATERIALS, METHODS, OR ASSEMBLIES, MUST COMPLY WITH THE REQUIREMENTS OF THE GOVERNING CODES AND REGULATIONS OF ALL FEDERAL, STATE AND LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT, AS WELL AS THOSE GREATER REQUIREMENTS INDICATED BY THE CONTRACT DOCUMENTS. NO PART OF THE CONTRACT DOCUMENTS MAY BE CONSTRUED TO REQUIRE OR ALLOW WORK CONTRARY TO A GOVERNING CODE OR REGULATION.
9. IDENTIFY AND NOTIFY THE ARCHITECT OF CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT AND OWNER.
10. REVIEW AND COORDINATE THE WORK OF ALL OTHER PARTIES PERFORMING WORK AT THE PROJECT, INCLUDING BUT NOT LIMITED TO, DELEGATED DESIGN ENTITIES, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.

PROJECT DESCRIPTION

THE WHITERIVER UTILITY CAMPUS WILL PROVIDE WASTE WATER TREATMENT FOR THE WHITERIVER HOSPITAL CAMPUS. PRE-ENGINEERED METAL BUILDING HOUSING WATER WATER TREAMENT EQUIPMENT AND SERVICE AREAS INLCUDING LAB/CONTROL, STAFF TOILET, ELECTRICAL AND LOW VOLTAGE ROOMS. SITE DEVELOPMENT TO INCLUDE ROADWAYS, DRAINAGE, AND SECURITY FENCING.

VICINITY MAP



1 VICINITY MAP
SCALE: NOT TO SCALE

PROJECT NORTH TRUE NORTH

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BUILDING PACKAGE 2 (BP2)
IHS HOSPITAL UTILITY CAMPUS

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

SMITHGROUP
455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
smithgroup.com

ISSUED FOR	DATE
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

REGISTERED ARCHITECT
CERTIFICATE NO.
79483
BRANDY KOCH
STATE OF ARIZONA
ARIZONA, U.S.A.

PROJECT SHEET INDEX AND GENERAL PROJECT INFORMATION

Drawn By: APROTOSOAIE-KARDOS Checked By: PETAK

14904.000

PROJECT NUMBER

BP2 **G1.1**

SHEET NUMBER

Plot Date: 12/19/2025 12:49:07 PM APROTOSOAIE-KARDOS

PROJECT CODE SUMMARY

BUILDING CLASSIFICATION:

OCCUPANCY CLASSIFICATION AND CONSTRUCTION TYPES PER IBC CHAPTERS 3, 4, 5, AND 6, NFPA 101 CHAPTERS 6, 38, 40, AND 42

BASIC OCCUPANCY GROUP(S) *(PER IBC CHAPTER 3, NFPA 101 CHAPTER 6)*

○ GROUP A-1	○ GROUP A-2/ASSEMBLY	○ GROUP A-3/ASSEMBLY
○ GROUP A-4	○ GROUP A-5	● GROUP B/BUSINESS
○ GROUP E	● GROUP F-1/INDUSTRIAL	○ GROUP F-2
○ GROUP H-1	○ GROUP H-2	○ GROUP H-3
● GROUP H-4	○ GROUP H-5	○ GROUP I-1
○ GROUP I-2/HEALTH CARE	○ GROUP I-3	○ GROUP I-4
○ GROUP M	○ GROUP R-1	○ GROUP R-2
○ GROUP R-3	○ GROUP R-4	○ GROUP S-1
● GROUP S-2/STORAGE	○ GROUP U	

MIXED USE AND OCCUPANCY: *(PER IBC SECTION 508 & 509, NFPA 101 SECTION 6.1.14)*

- ● ACCESSORY OCCUPANCIES *[IBC 508.2]*
  [Accessory Occupancies <10% of Story]
- ● INCIDENTAL USES *[IBC SECTION 509, NFPA 101 Section 6.1.14.1.3]*
- ○ NONSEPARATED OCCUPANCIES* *[IBC 508.3, NFPA 101 Section 6.1.14.2.2]*
- ● SEPARATED OCCUPANCIES *[IBC 508.4, NFPA 101 Section 6.1.14.4]*

*REFER TO FIRE AND LIFE SAFETY PLANS FOR SEPARATION REQUIREMENTS

TYPE(S) OF CONSTRUCTION: *(PER IBC CHAPTER 6, NFPA 220 CHAPTER 4)*

TYPE I :	○ A	○ B	
TYPE II :	○ A	● B	TYPE II(000)
TYPE III :	○ A	○ B	
TYPE IV :	○ HT		
TYPE V :	○ A	○ B	

SPECIAL DETAILED REQUIREMENTS:

- ○ HIGH-RISE BUILDING *[PER IBC SECTION 403]*
- ○ ATRIUM *[PER IBC SECTION 404]*
- ○ OPEN PARKING GARAGE *[PER IBC SECTION 406.5]*
- ○ GROUP I-2: *[PER IBC SECTION 407, NFPA 101 CHAPTER 18]*
  - SMOKE COMPARTMENTS
  - REFUGE AREA
- ● HAZARDOUS MATERIALS: *[PER IBC SECTION 414-415, IBC CHAPTER 50 AND 54, NFPA 400]*
  - CONTROL AREAS
- ○ MEZZANINE *[PER IBC SECTION 505, NFPA 101 8.6.10]*
- ○ EQUIPMENT PLATFORM *[PER IBC SECTION 505]*

DESIGN INCLUDES SEPARATED GROUP F-1 AND GROUP H-4 OCCUPANCIES IN ACCORDANCE WITH *IBC 508.4.4.* DESIGN INCLUDES ACCESSORY/INCIDENTAL GROUP B AND GROUP S OCCUPANCIES. FIRE-RATED SEPARATION FOR ACCESSORY/INCIDENTAL OCCUPANCIES IS NOT REQUIRED OR PROVIDED.

BUILDING AREA CALCULATIONS:

PER IBC CHAPTER 5

- ○ UNLIMITED AREA ALLOWED *(PER IBC TABLE 506.2)*
- ○ UNLIMITED HEIGHT ALLOWED *PER IBC TABLES 504.3 AND 504.4)*

- ○ AUTOMATIC SPRINKLER SYSTEM INCREASE USED FOR ALLOWABLE HEIGHT MODIFICATION *(PER IBC TABLES 504.3 AND 504.4)*
- ● NO ALLOWABLE HEIGHT OR AREA MODIFICATIONS USED

ALLOWABLE AREA MODIFICATIONS USED PER THE ALLOWABLE AREA CALCULATIONS ON THIS SHEET:

AUTOMATIC SPRINKLER SYSTEM INCREASE *(PER IBC TABLE 506.2)*
FRONTAGE INCREASE *(PER IBC EQUATION 5-3)*

MINIMUM FIRE-RESISTANCE REQUIREMENTS:

FIRE-RESISTIVE RATING REQUIREMENTS FOR BUILDING ELEMENTS : *(PER IBC TABLE 601)*

TYPE OF CONSTRUCTION: *IIB* TYPE II(000)

PRIMARY STRUCTURAL FRAME :	*0 HOURS*
BEARING WALLS (EXT) :	*0 HOURS*
BEARING WALLS (INTR) :	*0 HOURS*
NON-BRG WALLS AND PARTITIONS (EXT)	*0 HOURS*

PER IBC TABLE 601:

NON-BRG WALLS AND PARTITIONS (INTR) :	*0 HOURS*
FLOOR CONSTR AND SECONDARY MEMBERS :	*0 HOURS*
ROOF CONSTR AND SECONDARY MEMBERS :	*0 HOURS*

FIRE-RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (X) : *[PER IBC TABLE 705.5]*

CONSTRUCTION TYPE / OCCUPANCY	*IIB / F-1,*	*IIB/H-4*
X < 5 FT	*2 HOURS*	*3 HOURS*
5 FT ≤ X < 10 FT	*1 HOURS*	*2 HOURS*
10 FT ≤ X < 30 FT	*0 HOURS*	*1 HOURS*
X ≥30 FT	*0 HOURS*	*0 HOURS*

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE: *[PER IBC TABLE 705.9]*

FIRE SEPARATION DISTANCE	DEGREE OF PROTECTION (UP, NS)	(UP, S)	(P)
0 < 3 FT	NP	NP	NP
3 < 5 FT	NP	15%	15%
5 < 10 FT	10%	25%	25%
10 < 15 FT	15%	45%	45%
15 < 20 FT	25%	75%	75%
20 < 25 FT	45%	NL	NL
25 < 30 FT	70%	NL	NL
30 FT >	NL	NR	NR

THE FIRE SEPARATION DISTANCE IS GREATER THAN 30 FEET. DESIGN DOES NOT REQUIRE OR PROVIDE EXTERIOR WALL RATINGS.

FIRE DOOR AND FIRE SHUTTER FIRE PROTECTION RATINGS (hours): *[PER IBC TABLE 716.1(2), NFPA 101, TABLE 8.3.4.2]*

TYPE OF ASSEMBLY	REQD ASSEMBLY RATING	MIN. FIRE DOOR AND FIRE SHUTTER ASSEMBLY RATING
Fire walls and fire barriers having a required fire-resistance rating greater than 1 hour	4 3 2 1 1/2	3 3 1 1/2 1 1/2
Fire barriers having a required fire-resistance rating of 1 hour Shaft, exit enclosure and exit passageway walls: Other fire barriers:	 1 1	 1 3/4
Fire partitions Corridor walls: Other fire partitions:	 1 0.5 1 0.5	 1/3 1/3 3/4 1/3
Exterior Walls	3 2 1	1 1/2 1 1/2 3/4
Smoke Barriers	1	1/3

MEANS OF EGRESS:

*REFER TO THE LIFE SAFETY PLANS FOR ACTUAL MEASURED DISTANCES.

DOORS : *[PER IBC 1010.1.1, NFPA 101 Section 7.2.1.2.3.2]*
THE MINIMUM CLEAR WIDTH AND HEIGHT OF A DOOR SHALL NOT BE LESS THAN 32 INCHES AND 80 INCHES RESPECTIVELY.

[PER IBC 1010.1.2.1, NFPA 101 Section 7.2.1.4.2]
DOORS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL, WHERE SERVING AN OCCUPANT LOAD OF 50 OR MORE PERSONS OR A GROUP H OCCUPANCY.

COMMON PATH OF EGRESS TRAVEL (IBC TABLE 1006.2.1, NFPA 101 Table A.7.6)

OCCUPANCY	SPRINKLERED	MAX. DISTANCE
B/BUSINESS	YES	100' - 0"
F-1/INDUSTRIAL	YES	100' - 0"
H-4/HIGH-HAZARD	YES	75' - 0"
S-2/STORAGE	YES	100' - 0"

EXIT ACCESS TRAVEL DISTANCE (IBC TABLE 1017.2, NFPA 101 Table A.7.6)

OCCUPANCY	SPRINKLERED	MAX. DISTANCE
B/BUSINESS	YES	300'-0"
F-1/INDUSTRIAL	YES	250'-0"
H-4/HIGH-HAZARD	YES	175'-0"
S-2/STORAGE	YES	400'-0"

DEAD ENDS (IBC 1020.5, NFPA 101 Table A.7.6)

OCCUPANCY	SPRINKLERED	MAX. DISTANCE
B/BUSINESS	YES	50'-0"
F-1/INDUSTRIAL	YES	50'-0"
H-4/HIGH-HAZARD	YES	0" *
S-2/STORAGE	YES	50'-0"

*PER NFPA 400, 6.2.1.4.5.

EXIT CAPACITY FACTORS:

[PER IBC 1005.3, NFPA 101 Table 7.3.3.1]

MINIMUM REQUIRED EGRESS WIDTH :		● SPRINKLERED
STAIRWAYS	*0.3*	○ EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM
OTHER EGRESS COMPONENTS	*0.2*	

[PER NFPA 101, 7.3.3.2]
FOR STAIRWAYS WIDER THAN 44 IN. THE FOLLOWING EQUATION APPLIES:

C = 146.7 + ((Wn - 44)/0.218)

WHERE C = CAPACITY, IN PERSONS, ROUNDED TO THE NEAREST INTEGER
Wn = NOMINAL WIDTH OF THE STAIR AS PERMITTED BY 7.3.2.2

*REFER TO THE LIFE SAFETY PLANS FOR COMPLIANCE WITH MEANS OF EGRESS WIDTH REQUIREMENTS.

LIFE SAFETY SYSTEMS:

(PER IBC AND IFC CHAPTER 9)

AUTOMATIC SPRINKLER SYSTEM :	● PROVIDED PER NFPA 13
ALTERNATIVE AUTOMATIC FIRE-EXTINGUISHING SYSTEMS :	○ PROVIDED - REFER TO FIRE PROTECTION DRAWINGS
STANDPIPE SYSTEM :	○ PROVIDED PER NFPA 14
PORTABLE FIRE EXTINGUISHERS :	● PROVIDED PER NFPA 10
FIRE ALARM SYSTEM :	● PROVIDED PER NFPA 72

MIN. NUMBER OF EXITS FOR OCCUPANT LOAD (IBC TABLE 1006.3.3 / NFPA 101 SECTION 7.4.1.2)

OCCUPANT LOAD	MIN. # OF EXITS PER STORY
1-500	2
501-1,000	3
MORE THAN 1,000	4

ROOMS, AREAS, AND SPACES COMPLYING WITH THE COMMON PATH OF TRAVEL DISTANCE IN TABLE 1006.2.1 WITH EXITS DISCHARGING DIRECTLY TO THE EXTERIOR AT THE LEVEL OF EXIT DISCHARGE ARE PERMITTED TO HAVE ONE EXIT OR ACCESS TO A SINGLE EXIT PER IBC 1006.3.4 AND BASED ON OCCUPANCY CLASSIFICATION PER NFPA 101, 7.4.1.1(1).

CODES / STANDARDS

APPLICABLE CODES/CRITERIA/DESIGN POLICY:

AUTHORITY HAVING JURISDICTION:
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
INDIAN HEALTH SERVICE

REFER TO BUILDING PACKAGE 1 DRAWINGS FOR APPLICABLE CODES AND STANDARDS.

CODE COMPLIANCE APPROACH NARRATIVE

THE PROPOSED BUILDING IS A WASTEWATER TREATMENT PLANT TO SUPPORT THE WHITERIVER HOSPITAL CAMPUS. REFER TO SHEET G1.1 FOR GENERAL PROJECT INFORMATION.

GRAPHIC LEGEND

PROJECT CODE SUMMARY SYMBOLS

- ○ ITEM NOT SELECTED
- ● ITEM SELECTED

GENERAL FIRE AND LIFE SAFETY SHEET NOTES

A. THE PURPOSE OF THE FIRE AND LIFE SAFETY DRAWINGS IS TO ILLUSTRATE IN SCHEMATIC FASHION, THE APPLICABLE EXITING, FIRE-RESISTANCE, AND LIFE SAFETY CONCEPTS UTILIZED BY THIS PROJECT; INCLUDING, BUT NOT LIMITED TO:
   - OCCUPANCY CLASSIFICATIONS
   - OCCUPANCY LOAD FACTORS
   - EXIT LOCATIONS, EXIT PATHS & CAPACITY - FUNCTION OF SPACE
   - FIRE-RESISTANCE RATED CONSTRUCTION
   - AND OTHER STRATEGIES RELATED TO THE CODE COMPLIANCE APPROACH OF THIS PROJECT.

B. ADDITIONAL DETAILED REQUIREMENTS APPLY TO THE CONSTRUCTION OF PARTITIONS, FIRE RATED DOOR ASSEMBLIES, INTERIOR GLAZED OPENINGS, DUCTS, SMOKE AND FIRE DAMPERS AND THROUGH PENETRATION FIRE STOPPING. REFER TO THE DRAWINGS OF EACH DISCIPLINE AND THE SPECIFICATIONS FOR THESE REQUIREMENTS.

C. ADDITIONAL DETAILED REQUIREMENTS SHOWN ELSEWHERE MAY REQUIRE CONSTRUCTION HAVING GREATER FIRE RATINGS, MORE EXTENSIVE FIRE-RATED CONSTRUCTION,OR MORE COMPLEX ASSEMBLIES THAN INDICATED BY THE DIAGRAMS ON THIS SHEET. WHEN PROVIDED, THE ADDITIONAL DETAILED REQUIREMENTS SHALL GOVERN.

D. FIRE BARRIERS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE AND SHALL BE SECURELY ATTACHED THERETO. SUCH FIRE BARRIERS SHALL BE CONTINUOUS THROUGH CONCEALED SPACES.

E. SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS.

F. FIRE PARTITIONS SHALL EXTEND FROM THE TOP OF THE FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE OR TO THE FIRE-RESISTANCE-RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLY ABOVE, AND SHALL BE SECURELY ATTACHED THERETO.

PROJECT FIRE AND LIFE SAFETY SHEET NOTES

A. INTERIOR WALL & CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX RATING OF CLASS B AT VERTICAL EXITS & EXIT PASSAGEWAYS AND EXIT ACCESS CORRIDORS AND OTHER EXITWAYS.

B. INTERIOR WALL & CEILING FINISHES SHALL HAVE A FLAME SPREAD INDEX RATING OF NO MORE THAN CLASS C AT ROOMS AND ENCLOSED SPACES.

C. ALL MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL HAVE A FLAME SPREAD RATING INDEX NOT MORE THAN 25 AND A SMOKE DEVELOPED RATING OF NOT MORE THAN 50.

D. FIRE EXTINGUISHERS SHALL BE LOCATED SUCH THAT A MAXIMUM TRAVEL DISTANCE OF 75' OR THE NFPA 10 TRAVEL DISTANCE LIMIT BASED ON THE PROTECTED HAZARD, WHICHEVER IS SHORTER, SHALL NOT BE EXCEEDED.

E. LEVEL/AREA MAIN OCCUPANCY EXIT SIGN LOCATIONS MAY NOT BE SHOWN. REFERENCE ELECTRICAL SHEETS FOR ALL EXIT SIGN LOCATIONS.

F. FIRE RESISTIVE ASSEMBLY DETAILS, IF APPLICABLE, ARE LOCATED ELSEWHERE IN THIS DRAWING SET PER THE SHEET INDEX.

BUILDING HEIGHT AND AREA CALCULATION

OCCUPANCY	BUILDING HEIGHT *FEET/STORIES* ALLOWABLE	BUILDING HEIGHT *FEET/STORIES* ACTUAL	BUILDING AREA PER FLOOR *SQUARE FEET* NS	W/ FRONTAGE	BUILDING AREA PER FLOOR *SQUARE FEET* ACTUAL	BUILDING TOTAL AREA *SQUARE FEET* ALLOWABLE	BUILDING TOTAL AREA *SQUARE FEET* ACTUAL
F-1 H-4	55 / 2 55 / 3	43'-2" / 1	15,500 17,500	N/A	14,987	15,500	14,987

FIRE PROTECTION AND LIFE SAFETY SYSTEMS

FIRE ALARM
DESIGN INCLUDES AN ADDRESSABLE FIRE ALARM SYSTEM. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH IBC 907 AND NFPA 72.

FIRE SUPPRESSION
AN AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED THROUGHOUT THE BUILDING. THE SPRINKLER SYSTEM SHALL BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM. THE SYSTEM SHALL BE DESIGNED, INSTALLED, AND TESTED IN ACCORDANCE WITH IBC 903 AND NFPA 13.

FIRE PUMP
DESIGN INCLUDES A HORIZONTAL SPLIT-CASE CENTRIFUGAL ELECTRIC DRIVEN FIRE PUMP. THE SYSTEM IS DESIGNED IN ACCORDANCE WITH IBC 913 AND NFPA 20.

EMERGENCY ALARM SYSTEM
AN EMERGENCY ALARM SYSTEM SHALL BE PROVIDED FOR GROUP H-4 OCCUPANCIES. THE EMERGENCY ALARM SYSTEM SHALL BE MONITORED BY THE BUILDING FIRE ALARM SYSTEM. THE SYSTEM SHALL BE DESIGNED, INSTALLED, AND TESTED IN ACCORDANCE WITH IBC 908.

NOTE: SYSTEMS ARE NOTED ABOVE FOR REFERENCE. REFER TO THE RESPECTIVE SYSTEM DRAWINGS AND SPECIFICATIONS FOR REQUIREMENTS.

PORTABLE FIRE EXTINGUISHERS

DESIGN INCLUDES CABINETS AND WALL BRACKETS FOR PO RTABLE FIRE EXTINGUISHERS LOCATED AS REQUIRED BY *IBC 906.* DESIGN LOCATES EXTINGUISHERS ALONG NORMAL PATHS OF TRAVEL THAT ARE NOT OBSTRUCTED OR OBSCURED FROM VIEW. DESIGN INCLUDES CABINETS LISTED FOR USE IN RATED CONSTRUCTION WHEN INSTALLED IN FIRE-RESISTANCE RATED WALLS.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIRE EXTINGUISHERS AND FIRE EXTINGUISHER CABINETS.

REFER TO THE TABLES BELOW FOR MINIMUM EXTINGUISHER SIZES, MAXIMUM FLOOR AREAS, AND MAXIMUM TRAVEL DISTANCES.

SIZE AND DISTRIBUTION - CLASS A FIRE HAZARDS *(NFPA 10 TABLE 6.2.1.1, IBC TABLE 906.3(1))*

HAZARD OCCUPANCY	LIGHT (LOW)	ORDINARY (MODERATE)	EXTRA (HIGH)
MINIMUM SINGLE EXTINGUISHER RATING	2-A	2-A	4-A
MAXIMUM FLOOR AREA PER UNIT OF A	3,000 SF	1,500 SF	1,000 SF
MAXIMUM FLOOR AREA PER EXTINGUISHER	11,250 SF	11,250 SF	11,250 SF
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER [2]	75 FT	75 FT	75 FT

SIZE AND DISTRIBUTION - CLASS B FIRE HAZARDS [1] *(NFPA 10 TABLE 6.3.1.1, IBC TABLE 906.3(2))*

HAZARD OCCUPANCY	LIGHT (LOW) < 1 GAL		ORDINARY (MODERATE) 1-5 GAL		EXTRA (HIGH) > 5 GAL	
MINIMUM EXTINGUISHER RATING	5-B	10-B	10-B	20-B	40-B	80-B
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER [2]	30 FT	50 FT	30 FT	50 FT	30 FT	50 FT

[1] EXTINGUISHER REQUIREMENTS SHOWN ARE VALID FOR FLAMMABLE AND COMBUSTIBLE LIQUIDS WITH A DEPTH OF 0.25 INCHES OR LESS.
[2] TRAVEL DISTANCE TO FIRE EXTINGUISHERS SHALL BE MEASURED ALONG NORMAL PATHS OF TRAVEL.

INTERIOR FINISHES

DESIGN INCLUDES INTERIOR FINISHES THAT COMPLY WITH *IBC CHAPTER 8* AND THE MINIMUM CLASSIFICATIONS NOTED BELOW. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS ARE LIMITED TO A FLAME SPREAD RATING INDEX OF ≤25 AND A SMOKE DEVELOPED RATING OF ≤50.

DESIGN INCLUDES A FULLY-SPRINKLERED BUILDING. CLASS II MATERIALS ARE THEREFORE PERMITTED IN ANY AREA WHERE CLASS I MATERIALS ARE REQUIRED AND MATERIALS COMPLYING WITH DOC FF-1 "PILL TEST" OR WITH ASTM D2859 ARE PERMITTED IN ANY AREA WHERE CLASS II MATERIALS ARE REQUIRED. TABLE BELOW REFLECTS VALUES FOR A FULLY-SPRINKLERED BUILDING.

OCCUPANCY	FLOORS	INTERIOR EXIT ENCLOSURES	CORRIDORS AND EXIT ACCESS ENCLOSURES	ROOMS AND ENCLOSED SPACES
F-1	II	CLASS C	CLASS C	CLASS C
B	II	CLASS B	CLASS C	CLASS C
S-2	II	CLASS C	CLASS C	CLASS C
H-4	II	CLASS B	CLASS B	CLASS C

INDIAN HEALTH SERVICE · IHS · 1955 · DEPARTMENT OF HEALTH & HUMAN SERVICES, USA

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BUILDING PACKAGE 2 (BP2)
IHS HOSPITAL UTILITY CAMPUS

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

SMITHGROUP

455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
smithgroup.com

ISSUED FOR	DATE
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

Registered Professional Engineer — CERTIFICATE NO. 74163 — ANDREW J. OCHSANKEHL — 2026-01-22 — STATE OF ARIZONA

BUILDING CODE SUMMARY

Drawn By: NIGAM
Checked By: OCHSANKEHL
PROJECT NUMBER 14904.000
SHEET NUMBER BP2 **G2.0.0**

Plot Date: 1/6/2026 2:37:56 PM NIGAM

HAZARDOUS MATERIAL APPROACH

A CHEMICAL STORAGE AREA (CHEMICAL 1003) WILL BE PROVIDED FOR PURPOSES OF WASTE WATER TREATMENT. 12.5% SODIUM HYPOCHLORITE, 25% SODIUM HYDROXIDE (HEALTH HAZARD 3), MICRO C2000, AND 48% ALUMINUM SULFATE WILL BE STORED WITHIN THE CHEMICAL STORAGE AREA, WITH AMOUNTS EXCEEDING THE VALUES FOUND IN IBC TABLE 307.1(2) AND NFPA 400 TABLE 5.2.1.1.3. SODIUM HYPOCHLORITE, SODIUM HYDROXIDE, AND ALUMINUM SULFATE ARE CORROSIVES. MICRO C2000 IS NOT CLASSIFIED AS TOXIC, HIGHLY TOXIC, OR CORROSIVE.

CHEMICAL 1003 WILL BE CLASSIFIED AS A GROUP H-4 OCCUPANCY CONTAINING CORROSIVE MATERIALS CLASSIFIED AS HIGH-HAZARD CONTENT LEVEL 4 IN ACCORDANCE WITH NFPA 400, 4.2.1.2.4. CHEMICAL 1003 WILL COMPLY WITH SECTIONS 414 AND 415 OF THE IBC, CHAPTERS 50 AND 54 OF THE IFC, AND CHAPTERS 4-6 AND CHAPTER 12 OF NFPA 400. CHEMICAL 1003 WILL BE SEPARATED FROM THE REMAINDER OF THE BUILDING BY 1-HOUR FIRE BARRIERS AS REQUIRED BY IBC 508.4 AND NFPA 400 TABLE 6.2.1.3.

DESIGN INCLUDES AN AUTOMATIC FIRE DETECTION SYSTEM PER IBC 415.3, AN AUTOMATIC SPRINKLER SYSTEM PER IBC 415.4 AND NFPA 400 6.2.1.1, AND AN EMERGENCY ALARM SYSTEM PER IBC 415.5. THE AUTOMATIC SPRINKLER SYSTEM WILL BE DESIGNED FOR ORDINARY HAZARD GROUP 2 WITH MINIMUM DESIGN AREA OF 3,000 SF PER IBC 5004.5 AND NFPA 400, 6.2.1.1.1.

DESIGN INCLUDES LIQUID-TIGHT, NONCOMBUSTIBLE FLOOR CONSTRUCTION PER IBC 415.10.3 AND NFPA 400, 6.2.1.9.2.

DESIGN INCLUDES APPROVED TANKS TO STORE HAZARDOUS CHEMICALS. DESIGN INCLUDES TANKS GREATER THAN 500 GALLONS, THEREFORE LIQUID-LEVEL LIMIT CONTROL WILL BE PROVIDED IN ACCORDANCE WITH IFC 5003.2.7 AND NFPA 400 6.3.1.2.4 WITH AN ALARM BEACON THAT SOUNDS WHEN 95% AND MAX FILL LEVEL IS REACHED. DESIGN INCLUDES SPILL CONTROL AND SECONDARY CONTAINMENT IN ACCORDANCE WITH IFC 5004.2 AND NFPA 400, 6.2.1.9.2 AND 6.2.1.9.3. CONCRETE BASINS WILL BE PROVIDED FOR THE TANKS AND ARE SIZED TO INCLUDE FIRE SPRINKLER FLOW OF 44 GPM FOR 20 MINUTES IN ADDITION TO THE FULL TANK VOLUME. MANUFACTURED PALLETS WILL BE PROVIDED FOR THE TOTES. MONITORING WILL BE ACHIEVED THROUGH VISUAL INSPECTION IN ACCORDANCE WITH IFC 5004.2.2.5 AND NFPA 400, 6.2.1.9.3.7. LIQUIDS WILL BE TRANSFERRED IN ACCORDANCE WITH IFC 5005.1.10 AND NFPA 400, 6.3.1.7.

DESIGN INCLUDES MECHANICAL EXHAUST VENTILATION IN ACCORDANCE WITH IFC 5004.3 AND NFPA 400, 6.2.1.5. THE MATERIALS STORED DO NOT REQUIRE TEMPERATURE AND PRESSURE CONTROL PER IFC 5004.8 AND NFPA 400, 6.2.1.7. MECHANICAL VENTILATION, ALARM, AND DETECTION SYSTEMS WILL BE PROVIDED WITH EMERGENCY OR STANDBY POWER.

DOORS SERVING HIGH-HAZARD CONTENT AREAS SHALL BE PROVIDED WITH PANIC HARDWARE PER IBC 1010.2.8 AND NFPA 400, 6.2.1.4.6. DOORS WILL SWING IN THE DIRECTION OF TRAVEL PER IBC 1010.1.2.1.

APPROPRIATE SIGNAGE WILL BE PROVIDED FOR ALL STORAGE AND USE OF HAZARDOUS MATERIALS.

THE ANTICIPATED QUANTITY OF HAZARDOUS MATERIALS PROVIDED BY MORRISON-MAIERLE IS AS FOLLOWS:
SODIUM HYDROXIDE (HEALTH HAZARD 3): 1,000 GALLON TANK (ESTIMATED STORAGE AMOUNT: 750 GALLONS)
ALUMINUM SULFATE (HEALTH HAZARD 1): 1,000 GALLON TANK (ESTIMATED STORAGE AMOUNT: 750 GALLONS)
MICROC 2000: 1,000 GALLON TANK
SODIUM HYPOCHLORITE (HEALTH HAZARD 3): (2) 275 GALLON TOTES

BUILDING OCCUPANT LOAD

FUNCTION OF SPACE	AREA/OCC	OCC LOAD	AREA
LEVEL 1 - PROCESS AREA			
ACCESSORY MECHANICAL AND STORAGE AREAS	300 GSF	3	607 SF
BUSINESS USE - GENERAL	150 GSF	5	653 SF
INDUSTRIAL USE	100 GSF	119	11495 SF
		127	12755 SF

NOTE: AREAS USED ON LIFE SAFETY DRAWINGS ARE FOR CALCULATION OF OCCUPANT LOADS ONLY. AREAS SHOWN MAY DIFFER FROM GROSS BUILDING AREA.

OCCUPANCY CLASSIFICATION	GROSS AREA	% OF FLOOR
LEVEL 1 - PROCESS AREA		
BUSINESS (B)	671 SF	4%
FACTORY INDUSTRIAL (F-1)	12984 SF	87%
HIGH-HAZARD (H-4)	727 SF	5%
STORAGE (S-2)	605 SF	4%
	14987 SF	100%

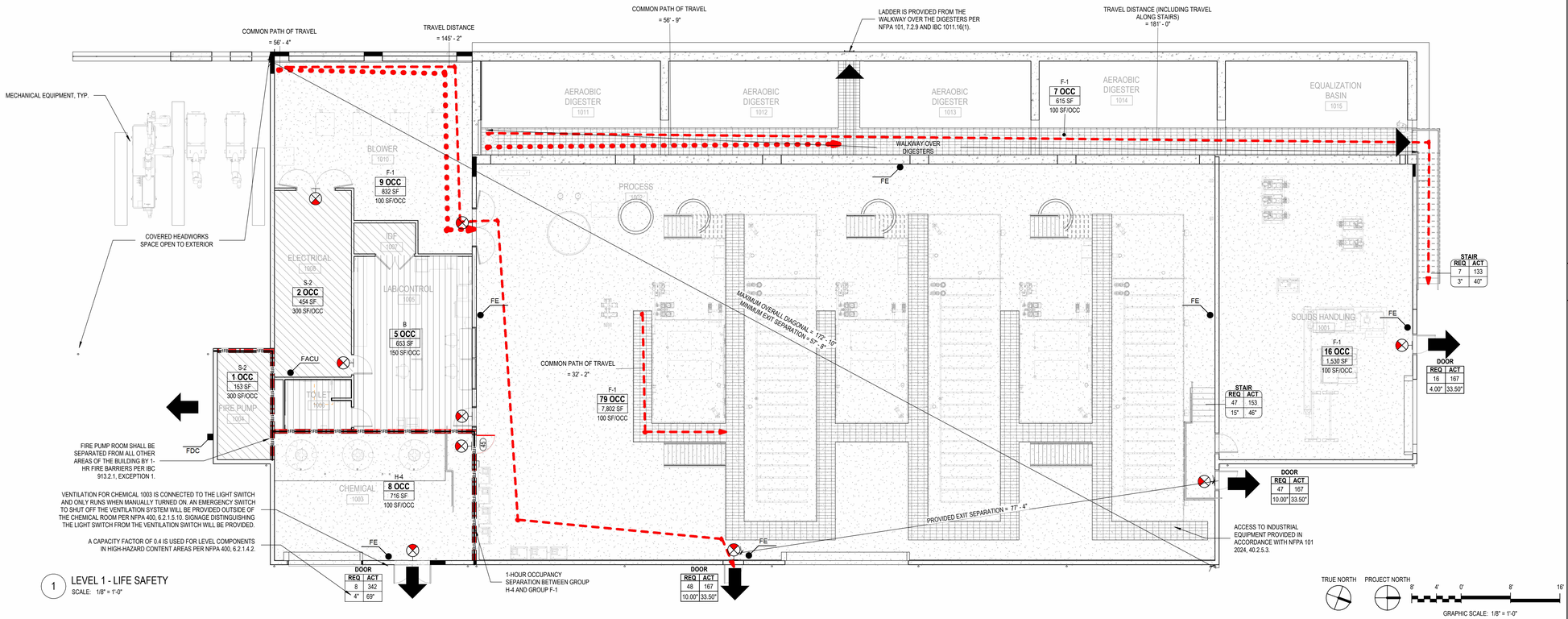
NFPA 400 TABLE 5.2.1.1.3 MAXIMUM ALLOWABLE QUANTITY OF HAZARDOUS MATERIALS PER CONTROL AREA

Level 1	First Story Above Grade		
Max. No. of Control Areas is	4	Fully-Sprinklered?	Yes
Fraction of MAQ Permitted is	100.0%	Storage in Approved Cabinets?	Yes

Material	Class	High Hazard Protection Level	Storage: Solid Pounds / Cubic Feet	Storage: Liquid Gallons / Pounds	Storage: Gas Cu. Ft. at NTP	Use in Closed Systems: Solid Pounds / Cubic Feet	Use in Closed Systems: Liquid Gallons / Pounds	Use in Closed Systems: Gas Cu. Ft. at NTP	Use in Open Systems: Solid Pounds / Cubic Feet	Use in Open Systems: Liquid Gallons / Pounds
Physical Hazard Materials										
Cryogenic Fluid	Flammable	2	N/A	45	N/A	N/A	45	N/A	N/A	45
	Oxidizing	3	N/A	180	N/A	N/A	180	N/A	N/A	180
Flammable Gas	Gaseous	2	N/A	N/A	4000	N/A	N/A	4000	N/A	N/A
	Liquefied		N/A	N/A	*600*	N/A	*600*	N/A	N/A	N/A
	Liquefied Petroleum (LP)		N/A	N/A	*300*	N/A	*300*	N/A	N/A	N/A
Ignitable (Flammable or Combustible Liquid)	1A	3	N/A	120	N/A	N/A	N/A	N/A	N/A	N/A
	1B and 1C	3	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A
	Combination (1A, 1B, 1C)	3	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A
	II	3	N/A	480	N/A	N/A	N/A	N/A	N/A	N/A
	IIIA	3	N/A	1320	N/A	N/A	N/A	N/A	N/A	N/A
	IIIB	N/A	N/A	Unlimited	N/A	N/A	N/A	N/A	N/A	N/A
Flammable Solid	N/A	3	500	N/A	N/A	250	N/A	N/A	100	N/A
Organic Peroxide	I	2	64	*64*	N/A	32	*32*	N/A	16	*16*
	IIA	3	400	*400*	N/A	400	*400*	N/A	100	*100*
	IIB	3	1600	*1600*	N/A	1600	*1600*	N/A	400	*400*
	III	3	3360	*3360*	N/A	3360	*3360*	N/A	1680	*1680*
	IV	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited
	V	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited
Oxidizer	4	1	2	*2*	N/A	0.25	*0.25*	N/A	0.25	*0.25*
	3	2 or 3	40	*40*	N/A	4	*4*	N/A	4	*4*
	2	3	1000	*1000*	N/A	500	*500*	N/A	100	*100*
	1	N/A	Unlimited	*Unlimited*	N/A	Unlimited	*Unlimited*	N/A	Unlimited	*Unlimited*
Oxidizing Gas	Gaseous	3	N/A	*N/A*	6000	N/A	*N/A*	6000	N/A	
	Liquefied			*600*	N/A		*600*	N/A		
Pyrophoric	N/A	2	8	*8*	N/A	1	*1*	N/A	NP	NP
Pyrophoric gas	Gaseous	2	N/A	*N/A*	100	N/A	*N/A*	100	N/A	*N/A*
	Liquefied	2	N/A	*N/A*	*8*	N/A	*N/A*	*8*	N/A	N/A
Unstable (Reactive)	4	1	2	*2*	N/A	0.25	*0.25*	N/A	0.25	*0.25*
	3	1 or 2	20	*20*	N/A	2	*2*	N/A	2	*2*
	2	2	200	*200*	N/A	100	*100*	N/A	20	*20*
	1	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited
Unstable (Reactive) Gas	Gasesous 4 or 3 detonable	1	N/A	*N/A*	20	N/A	*N/A*	20	N/A	*N/A*
	3 non detonable	2	N/A	*N/A*	200	N/A	*N/A*	200	N/A	*N/A*
		3	N/A	*N/A*	3000	N/A	*N/A*	3000	N/A	*N/A*
		1	N/A	N/A	Unlimited	N/A	N/A	Unlimited	N/A	N/A
Unstable (Reactive) Gas	Liquefied 4 or 3 detonable	1	N/A	*N/A*	*2*	N/A	*N/A*	*2*	N/A	*N/A*
	3 non detonable	2	N/A	*N/A*	*8*	N/A	*N/A*	*8*	N/A	*N/A*
		3	N/A	*N/A*	*600*	N/A	*N/A*	*600*	N/A	*N/A*
		1	N/A	N/A	Unlimited	N/A	N/A	Unlimited	N/A	N/A
Water Reactive	3	2	20	*20*	N/A	10	*10*	N/A	2	*2*
	2	3	200	*200*	N/A	100	*100*	N/A	20	*20*
	1	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited	N/A	Unlimited	Unlimited
Health Hazard Materials										
Corrosive	N/A	4	20,000	2000		20,000	2000		2,000	200
Corrosive Gas	Gaseous	4	N/A	N/A	3240	N/A	N/A	3240	N/A	N/A
	Liquefied	4	N/A	N/A	*600*	N/A	N/A	*600*	N/A	N/A
Highly Toxic	N/A	4	40	*40*		20	*20*		6	*6*
Highly Toxic Gas	Gaseous	4	N/A	N/A	40	N/A	N/A	40	N/A	N/A
	Liquefied	4	N/A	N/A	*8*	N/A	N/A	*8*	N/A	N/A
Toxic	N/A	4	2000	*2000*		1000	*1000*		250	*250*
Toxic Gas	Gaseous	4	N/A	N/A	3240	N/A	N/A	3240	N/A	N/A
	Liquefied	4	N/A	N/A	*600*	N/A	N/A	*600*	N/A	N/A

NOTES

1. All quantities shown here are based on 2025 NFPA 400, and include applicable increases for sprinkler protection and storage in appropriate containers or cabinets, if presence of sprinklers and use of such containers is indicated at the top of this table.
2. Combustible metals and explosives have been omitted as they are not governed by NFPA 400. No combustible dusts or explosives are anticipated within the building.
3. Inert gases and inert cryogenics have been omitted as they have unlimited quantities in all forms. All quantities shown here are based on 2025 NFPA 400.
4. Underlined values represent the alternate unit.



1 LEVEL 1 - LIFE SAFETY
SCALE: 1/8" = 1'-0"

GRAPHIC SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES

A. THE PURPOSE OF THE FIRE AND LIFE SAFETY DRAWINGS IS TO ILLUSTRATE IN SCHEMATIC FASHION, THE APPLICABLE EXITING, FIRE-RESISTANCE, AND LIFE SAFETY CONCEPTS UTILIZED BY THIS PROJECT; INCLUDING, BUT NOT LIMITED TO:
- OCCUPANCY CLASSIFICATIONS
- OCCUPANCY LOAD FACTORS AND OCCUPANT LOADS
- EXIT LOCATIONS, EGRESS PATHS, AND EGRESS CAPACITY
- FIRE-RESISTANCE RATED COMPARTMENTATION
- OTHER ELEMENTS RELATED TO THE CODE-COMPLIANCE STRATEGY FOR THIS PROJECT

B. ADDITIONAL DETAILED REQUIREMENTS APPLY TO THE CONSTRUCTION OF ELEMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING ELEMENTS:
- PARTITIONS AND FIRE-RATED DOOR ASSEMBLIES
- INTERIOR AND EXTERIOR GLAZED OPENINGS
- DUCTS, SMOKE DAMPERS, AND FIRE DAMPERS
- THROUGH-PENETRATION FIRE STOPPING
- FLOORS AND SUPPORTING STRUCTURE

REFER TO THE DRAWINGS OF EACH DISCIPLINE AND THE SPECIFICATIONS FOR THESE REQUIREMENTS.

C. ADDITIONAL DETAILED REQUIREMENTS SHOWN ELSEWHERE MAY REQUIRE MORE EXTENSIVE FIRE-RATED CONSTRUCTION, MORE COMPLEX ASSEMBLIES, OR CONSTRUCTION HAVING GREATER FIRE RESISTANCE THAN INDICATED BY THE DIAGRAMS ON THIS SHEET. WHEN PROVIDED, THE ADDITIONAL DETAILED REQUIREMENTS SHALL GOVERN.

GRAPHIC LEGEND

FIRE-RESISTANCE-RATED ASSEMBLIES
1 HOUR FIRE-RESISTANCE RATING
1HR 1HR 1HR 1 HOUR FIRE BARRIER

OCCUPANT LOAD SYMBOLS
F-1 — OCCUPANCY CLASSIFICATION
10 OCC — OCCUPANT LOAD
95,000 SF — AREA OF SPACE
XX SF/OCC — OCCUPANT LOAD FACTOR

EXIT ACCESS AND DISCHARGE SYMBOLS
EXIT ACCESS
EXIT DISCHARGE

DEAD ENDS, COMMON PATH, AND EXIT ACCESS TRAVEL DISTANCES
DEAD END CORRIDOR/AISLE
COMMON PATH OF TRAVEL
EXIT ACCESS TRAVEL DISTANCE
PATH ID LENGTH — PATH IDENTIFIER (TYP, ALL TYPES)

EGRESS CAPACITY SYMBOLS
DOOR: REQUIRED CAPACITY / CALCULATED CLEAR WIDTH REQUIRED (IN.) — REQ | ACT; RCP | ACP; RWP | AWP — ACTUAL CAPACITY / ACTUAL CLEAR WIDTH (IN.)
STAIR: REQUIRED CAPACITY / CALCULATED CLEAR WIDTH REQUIRED (IN.) — REQ | ACT; RCP | RCP; RWP | AWP — ACTUAL CAPACITY / ACTUAL CLEAR WIDTH (IN.)

EXIT SIGN SYMBOLS
EXIT SIGN - WALL/CEILING MOUNTED DIRECTIONAL ARROWS AS INDICATED SHADING INDICATES ILLUMINATED FACE REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS.

FIRE PROTECTION FEATURES
FE — FIRE EXTINGUISHER ON BRACKET
FKS — FIREFIGHTER KEYSAFE
FACU — FIRE ALARM CONTROL UNIT
FDC — FIRE DEPARTMENT CONNECTION

FUNCTION OF SPACE LEGEND

ACCESSORY MECHANICAL AND STORAGE AREAS (300 GSF/OCC)
BUSINESS USE - GENERAL (150 GSF/OCC)
INDUSTRIAL USE (100 GSF/OCC)

EGRESS DISTANCES

LEVEL 1 - PROCESS AREA	
TRAVEL DISTANCE	145' - 2"
COMMON PATH OF TRAVEL	56' - 4"
COMMON PATH OF TRAVEL	56' - 9"
TRAVEL DISTANCE (INCLUDING TRAVEL ALONG STAIRS)	175' - 2"
COMMON PATH OF TRAVEL	32' - 2"

DEPARTMENT OF HEALTH & HUMAN SERVICES · INDIAN HEALTH SERVICE · IHS · 1955

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BUILDING PACKAGE 2 (BP2)
IHS HOSPITAL UTILITY CAMPUS

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

SMITHGROUP

455 NORTH THIRD STREET
SUITE 250
PHOENIX, AZ 85004
602.265.2200
smithgroup.com

ISSUED FOR	DATE