

CAPITAL PROJECT # 1043925
WORK TASK # 7596233
KRS200806



PROJECT ARCHITECT

CIVIL ENGINEER



ELECTRICAL ENGINEER



MECHANICAL ENGINEER



STRUCTURAL ENGINEER



FIRE SUPP. ENGINEER



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STRUCTURAL REVIEW	DATE	REVISION	DATE	DESCRIPTION
Mechanical Review	DATE			
Electrical Review	DATE			
Architectural/Consulting	DATE			
Process/Engineering Design	DATE			
Base Configuration Planner	DATE			
Energy Conservation Review	DATE	Environmental Review	DATE	Force Protection
Fire Protection Review	DATE	Environmental Review	DATE	Anti-Terrorism Engineering
Corrosion Engineer	DATE	Security	DATE	Cyber Project Management
Customer/Functional Review	DATE	Communications	DATE	Craft Engineer
Security Forces	DATE	Fire Department	DATE	Approvals/COG



DEPARTMENT OF THE AIR FORCE
75TH AIR BASE WING
75TH CIVIL ENGINEER GROUP



75TH AIR BASE WING

TITLE SHEET

GI001

FORM AF 8890
CRSA

AACT PROJECT MANAGER
DAVE TRIPLETT

BASE PROJECT MANAGER
SCOTT ARNOLD

DATE
05/10/2022

DATE, PROJECT NUMBER
1043925

LEGACY PROJECT NUMBER
KRSM200806

YOUR TASK NO.
7566233

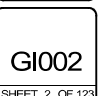
SHEET 1 of 120

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DRAWING INDEX

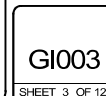
GENERAL INFORMATION	
G1001	COVER SHEET
G1002	INDEX SHEET
G1003	GENERAL INFORMATION
G1101	LIFE SAFETY PLAN
G1102	CODE ANALYSIS
G1501	WALL TYPES AND ROOF TYPES
G1701	ACCESSIBILITY COMPLIANCE
G1702	ACCESSIBILITY COMPLIANCE
CIVIL	
CS101	EXISTING CONDITIONS
CS102	DEMOLITION PLAN
CS103	SITE PLAN
CS501	CIVIL DETAILS
CG101	GRADING PLAN
CU101	UTILITY PLAN
CU501	CIVIL DETAILS
CU502	CIVIL DETAILS
CU503	CIVIL DETAILS
CU504	CIVIL DETAILS
CU505	CIVIL DETAILS
CU506	CIVIL DETAILS
CU507	CIVIL DETAILS
CU508	CIVIL DETAILS
CU509	CIVIL DETAILS
CU510	CIVIL DETAILS
CU511	CIVIL DETAILS
CU512	CIVIL DETAILS
CU513	CIVIL DETAILS
CU514	CIVIL DETAILS
LANDSCAPE	
L-401	PLANTING PLAN
L-501	IRRIGATION PLAN
L-701	PLANTING DETAILS
L-702	IRRIGATION DETAILS
STRUCTURAL	
S-001	STRUCTURAL NOTES
S-002	STRUCTURAL NOTES
S-003	STRUCTURAL SCHEDULES
S-004	STRUCTURAL SCHEDULES
S-101	FOOTING & FOUNDATION PLAN
S-102	ROOF FRAMING PLAN
S-501	STRUCTURAL DETAILS
S-502	STRUCTURAL DETAILS
S-503	STRUCTURAL DETAILS
ARCHITECTURE	
AE101	FLOOR PLAN
AE110	DIMENSION PLAN
AE121	ROOF PLAN
AE151	REFLECTED CEILING PLAN
AE201	BUILDING ELEVATIONS
AE202	BUILDING ELEVATIONS
AE301	BUILDING SECTIONS
AE351	WALL SECTIONS
AE401	ENLARGED PLANS AND INTERIOR ELEVATIONS
AE402	ENLARGED PLANS AND INTERIOR ELEVATIONS
AE511	SECTION DETAILS
AE521	ROOF & CEILING DETAILS
AE601	DOOR SCHEDULES
AE610	DOOR AND WINDOW TYPES & DETAILS
ARCHITECTURAL FINISHES	
AF101	FINISH FLOOR PLAN - OVERALL
AF101	ENLARGED FINISH FLOOR PLAN
AF402	ENLARGED FINISH FLOOR PLAN
AF601	FINISH SCHEDULE & LEGEND
AG101	SIGNAGE PLAN
AG501	SIGNAGE DETAILS

FIRE PROTECTION	
FX001	FIRE PROTECTION COVER SHEET
FX101	LEVEL 1 FIRE PROTECTION PLAN
MECHANICAL	
M-001	MECHANICAL SCHEDULES
M-002	MECHANICAL SCHEDULES
M-003	MECHANICAL SCHEDULES
MH101	MECHANICAL PLAN
MH102	MECHANICAL ROOF PLAN
MH301	MECHANICAL SECTIONS
MH302	MECHANICAL SECTIONS
MH401	MECHANICAL ROOM PLAN
MH501	MECHANICAL DETAILS
MH502	MECHANICAL DETAILS
MH503	MECHANICAL DETAILS
MI601	MECHANICAL CONTROL DIAGRAMS
MI602	MECHANICAL CONTROL DIAGRAMS
MI603	MECHANICAL CONTROL DIAGRAMS
MI604	MECHANICAL CONTROL DIAGRAMS
MI605	MECHANICAL CONTROL DIAGRAMS
MI606	MECHANICAL CONTROL DIAGRAMS
MI607	MECHANICAL CONTROL DIAGRAMS
MP101	MECHANICAL PIPING PLAN
MP401	MECHANICAL ROOM PIPING PLAN
MP501	MECHANICAL PIPING DETAILS
MP502	MECHANICAL PIPING DETAILS
MP503	MECHANICAL PIPING DETAILS
MP601	CHILLED WATER SYSTEM FLOW DIAGRAM
MP602	HEATING WATER SYSTEM FLOW DIAGRAM
MP603	HEATING AND CHILLED WATER FLOW DIAGRAMS
PLUMBING	
P-001	PLUMBING SCHEDULES AND SYMBOL LEGEND
PL101	PLUMBING PLAN
PL102	ROOF PLUMBING PLAN
PL401	ENLARGED PLUMBING PLANS
PL501	PLUMBING DETAILS
PL502	PLUMBING DETAILS
PL601	FLOW DIAGRAMS
ELECTRICAL	
E-001	ELECTRICAL SHEET INDEX
E-002	SYMBOLS LEGEND
E-701	TYPICAL MOUNTING HEIGHT DETAILS
E-702	TYPICAL MOUNTING HEIGHT DETAILS
E-703	TYPICAL LABELING DETAILS
ES101	ELECTRICAL SITE PLAN
ES501	SITE ELECTRICAL DETAILS
EP101	LEVEL 1 POWER PLAN
EP102	ROOF POWER PLAN
EP401	ENLARGED POWER PLANS
EP601	ONE-LINE DIAGRAM
EP602	EQUIPMENT SCHEDULE
EP603	PANEL SCHEDULES
EP604	PANEL SCHEDULES
EL101	LEVEL 1 LIGHTING PLAN
EL601	LIGHTING FIXTURE SCHEDULES
EL602	LIGHTING COMCHECK
EL603	LIGHTING CONTROL SCHEDULES
EL604	LIGHTING CONTROL SCHEDULES
T-101	LEVEL 1 TELECOM PLAN
T-601	TELECOM CONDUIT RISER DIAGRAM
T-602	TELECOM CABLE RISER DIAGRAMS
EY101	LEVEL 1 AUXILIARY PLAN
EY601	AUXILIARY RISER DIAGRAMS
EY602	AUXILIARY DETAILS
FA101	LEVEL 1 FIRE ALARM PLAN
FA601	FIRE ALARM RISER



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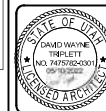
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1. FIRE STOPPING MATERIALS FOR NON-FERROUS PIPE, CONDUIT AND OTHER SYNTHETIC MATERIALS SHALL BE COMPATIBLE WITH ALL MATERIALS IN CONTACT.
2. FIRE STOPPING MATERIALS INSTALLED ARE REQUIRED TO HAVE LABELS ON BOTH SIDES OF THE PROTECTED PENETRATION.
3. SEAL EXISTING ELEVATIONS OF FLOOR SLABS OR RATED WALLS WITH LISTED FIRE-RATED ASSEMBLIES/MATERIALS.

- - - - - 1-HR FIRE BARRIER
 - - - - - 2-HR FIRE BARRIER
 EXIT SIGN
 FIRE EXTINGUISHER
 FIRE EXTINGUISHER IN CABINET
 ACCESSIBLE EXIT/ ENTRANCE

[illegible]

DESIGNED BY: Designer	CHECKED BY: Checker
PARTIAL PROJECT NO. 1043925	DATE CODE —
SHEET PROJECT NO. 7506233	ISSUE DATE 05/10/2022
KFSM200806 PAGE PROJECT MANAGER	



HAFB 309th SOFTWARE
ENGINEERING FACILITY
LIFE SAFETY PLAN

GI101

SHEET 4 OF 123

CODE ANALYSIS

APPLICABLE CODES			
	Year		Year
International Building Code	2018	National Electrical Code	2017
International Mechanical Code	2018	Uniform Code for Building Conservation	
International Plumbing Code	2018	ADA Accessibility Guidelines	2010
International Fire Code	2018		
International Energy Conservation Code	2018		

A. Occupancy and Group: B

Change in Use: Yes No X Mixed Occupancy: Yes No X

Special Use and Occupancy (e.g. High Rise, Covered Mall): NOT APPLICABLE

B. Seismic Design Category: D Design Wind Speed: 105 mph

C. Type of Construction (circle one):

I
A
II
B
III
A
IV
A
V
B
VI
A
VII
A
VIII
A

D. Fire Resistance Rating Requirements for the Exterior Walls based on the fire separation distance (in hours):

North: 0 South: 0 East: 0 West: 0

E. Mixed Occupancies: Yes No X Nonseparated Uses: Yes No X

F. Sprinklers:

Required: YES Provided: YES Type of Sprinkler System: WET

G. Number of Stories: 1 Building Height: 16'-0"

H. Actual Area per Floor (square feet): 10,580 SF

I. Tabular Area: 10,580 SF

J. Fire Resistance Rating Requirements for Building Elements (hours):

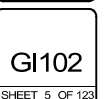
Element	Hours	Assembly Listing	Element	Hours	Assembly Listing
Interior Bearing Walls	0		Floors - Ceiling Floors	0	
Exterior Bearing Walls	0		Roofs - Ceiling Roofs	0	
Interior Non-Bearing Walls	0		Exterior Doors and Windows	0	
Structural Frame	0		Shaft Enclosures	N/A	
Partitions - Permanent	N/A		Fire Walls	N/A	
Fire Barriers	N/A		Fire Partitions	N/A	
			Smoke Partitions	N/A	

K. Design Occupant Load: 71

Exit Width Required: 19.80"

Exit Width Provided: 170"

#	ROOM	NET AREA	OCCY TYPE	OCC. LOAD FACTOR	OCCUPANTS	EXIT TOTAL WIDTH
101	ENTRY VESTIBULE	76 SF	BUSINESS AREA	150 SF	1	0.20"
102	HALL	233 SF	BUSINESS AREA	150 SF	2	0.40"
103	STORAGE	46 SF	ACCESSORY STORAGE	300 SF	1	0.20"
104	FIRE RISER	59 SF	BUSINESS AREA	150 SF	1	0.20"
105	UNISEX TOILET	78 SF	BUSINESS AREA	150 SF	1	0.20"
106	MOTHER'S ROOM	67 SF	BUSINESS AREA	150 SF	1	0.20"
107	WOMEN'S TOILET	185 SF	BUSINESS AREA	150 SF	2	0.40"
108	MEN'S TOILET	203 SF	BUSINESS AREA	150 SF	2	0.40"
109	JANITOR	46 SF	BUSINESS AREA	150 SF	1	0.20"
110	ELECTRICAL	107 SF	BUSINESS AREA	150 SF	1	0.20"
111	OPEN OFFICE	3238 SF	BUSINESS AREA	150 SF	22	4.40"
112	OFFICE	106 SF	BUSINESS AREA	150 SF	1	0.20"
113	OFFICE	112 SF	BUSINESS AREA	150 SF	1	0.20"
114	OFFICE	113 SF	BUSINESS AREA	150 SF	1	0.20"
115	OFFICE	113 SF	BUSINESS AREA	150 SF	1	0.20"
116	HALL	211 SF	BUSINESS AREA	150 SF	2	0.40"
117	MECHANICAL	302 SF	MECH EQUIP. AREA	300 SF	2	0.40"
118	BREAKROOM	344 SF	BUSINESS AREA	150 SF	3	0.60"
119	CONFERENCE	261 SF	ASSEMBLY TABLES & CHAIRS	15 SF	18	3.60"
120	SMALL CONFERENCE	112 SF	ASSEMBLY TABLES & CHAIRS	15 SF	8	1.60"
120A	COMM	88 SF	BUSINESS AREA	150 SF	1	0.20"
121	OPEN OFFICE	3306 SF	BUSINESS AREA	150 SF	23	4.60"
122	OFFICE	113 SF	BUSINESS AREA	150 SF	1	0.20"
123	OFFICE	113 SF	BUSINESS AREA	150 SF	1	0.20"
124	OFFICE	112 SF	BUSINESS AREA	150 SF	1	0.20"
		9746 SF			99	19.80"



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