

JACOBS PROJECT NO. F3W91001 BIM 360://us-f3w91000-TASMG-ARCHMOARING TASMG-ARCH-V17.rvt 7/30/2018 1:44:16 PM

GENERAL SYMBOLS

DRAWING / DETAIL LOCATION DESIGNATION
DRAWING / DETAIL TITLE
DRAWING DESIGNATION
DRAWING SCALE
DRAWING NUMBER DESIGNATION WHERE FIRST REFERENCED

DRAWING / DETAIL LIMITS
DRAWING / DETAIL LOCATION DESIGNATION
DETAIL DESIGNATION
DRAWING NUMBER DESIGNATION WHERE FIRST REFERENCED

DRAWING / DETAIL LOCATION DESIGNATION
SECTION / DETAIL DESIGNATION
DRAWING NUMBER DESIGNATION WHERE SHOWN

DRAWING / DETAIL LOCATION DESIGNATION
EXTERIOR ELEVATION DESIGNATION
DRAWING NUMBER DESIGNATION WHERE SHOWN

DRAWING / DETAIL LOCATION DESIGNATION
INTERIOR ELEVATION DESIGNATION
DRAWING / DETAIL LOCATION DESIGNATION

ROOM NAME
ROOM NUMBER
ROOM TAG

BREAK LINE

COLUMN REFERENCE

WINDOW / LOUVER TYPE TAG

GLASS TAG

REVISION DESIGNATION TAG

REVISION CLOUD

NORTH ARROW
INDICATES PLAN NORTH

ELEMENT ELEVATED
EL:XX' - XX" ELEVATION TARGET

PARTITION TYPE TAG
(FIRST DIGIT INDICATES HOURLY FIRE RATING)

DOOR TAG

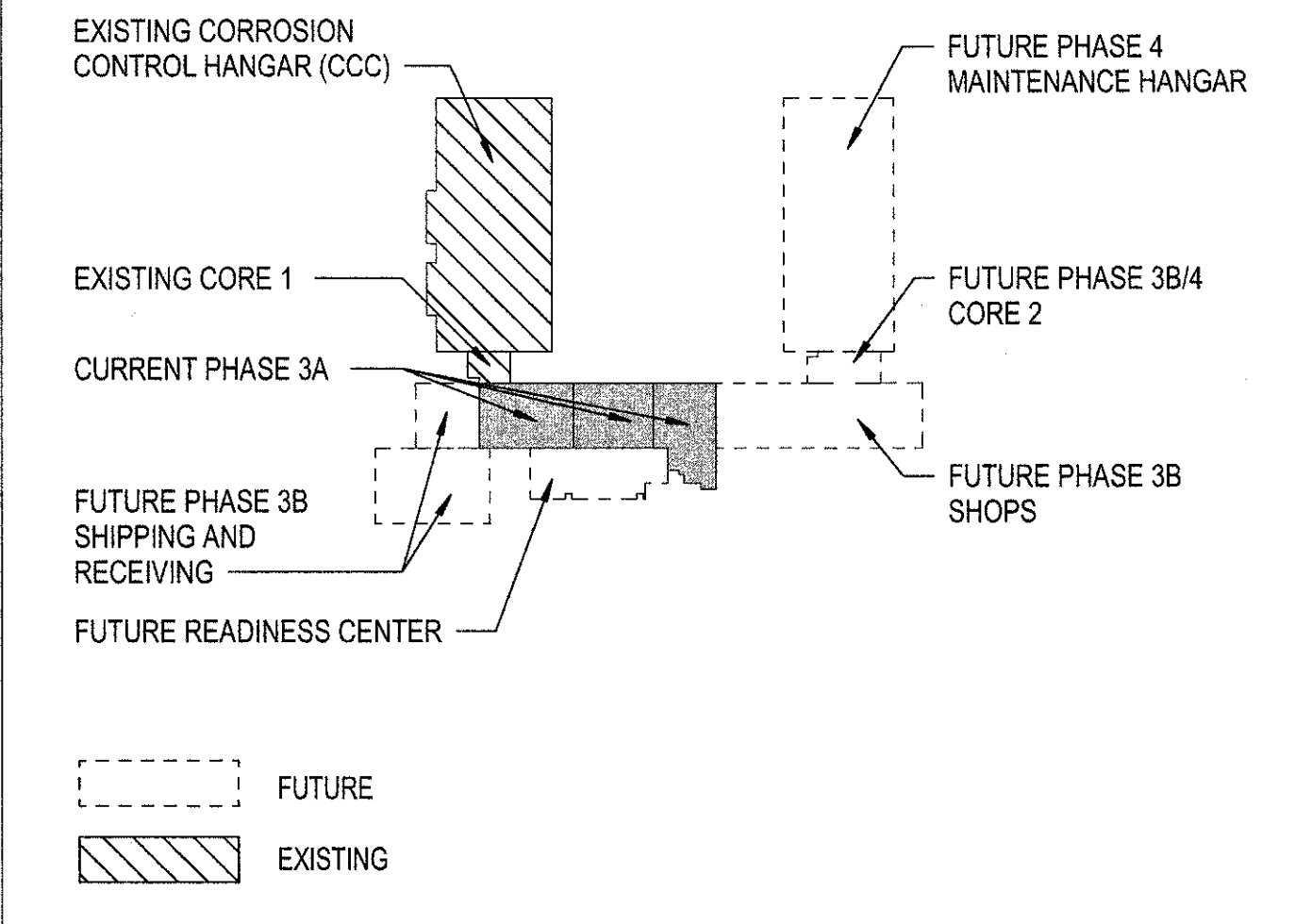
KEYED NOTE

MATCH LINE

GENERAL ABBREVIATIONS

ABA	ARCHITECTURAL BARRIERS ACT	N	NORTH
ADA	AMERICANS WITH DISABILITIES ACT	N/A	NOT APPLICABLE
AF	ABOVE FINISHED FLOOR	NEC	NATIONAL ELECTRIC CODE
AHU	AIR HANDLING UNIT	NEMA	NATIONAL ELECTRIC MANUFACTURERS ASSOCIATION
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	NGB	NATIONAL GUARD BUREAU
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR CONDITIONING ENGINEERS	NIC	NOT IN CONTRACT
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	OC	ON CENTER
AV	AUDIO VISUAL	OLI	OPTIONAL LINE ITEM
		PLAM	PLASTIC LAMINATE
		PLYWD	PLYWOOD
BOT	BOTTOM	PSF	POUNDS PER SQUARE FOOT
BO	BOTTOM OF	PSI	POUNDS PER SQUARE INCH
		PTD	PAINTED
		PVC	POLYVINYL CHLORIDE
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED CONCRETE MASONRY UNIT	QT	QUARRY TILE
CMU	COLUMN		
COL	CONCRETE		
CONC	CARPET TILE		
CPT		R	RISER
		REQD	REQUIRED
		RM	ROOM
DWG	DRAWING		
		SCHED	SCHEDULE
		SIM	SIMILAR
EFS	EXTERIOR FINISH SYSTEM	SIMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
EJ	EXPANSION JOINT	SF	SQUARE FOOT
EL	REFERENCE ELEVATION	STL	STEEL
ELEC	ELECTRIC OR ELECTRICAL	STOR	STORAGE
EQ	EQUAL	STRUCT	STRUCTURAL
ETC	ET CETERA		
EWC	ELECTRIC WATER COOLER		
EXP	EXPOSED	T	TREAD
		TELECOM	TELECOMMUNICATIONS
FCO	FLOOR CLEAN OUT	TOC	TOP OF CONCRETE
FE	FIRE EXTINGUISHER	TCNA	TILE COUNCIL OF NORTH AMERICA
FPC	FIRE PROTECTION CABINET	TOS	TOP OF SLAB
FFE	FURNITURE, FIXTURES AND EQUIPMENT	TYP	TYPICAL
		UL	UNDERWRITERS LABORATORIES
GA	GAUGE		
GALV	GALVANIZED	VIF	VERIFY IN FIELD
GFGI	GOVERNMENT FURNISHED, GOVERNMENT INSTALLED	VTR	VENT THROUGH ROOF
GFCI	GOVERNMENT FURNISHED, CONTRACTOR INSTALLED		
GL	GLASS	WD	WOOD
GYP	GYPSONUM		
H	HORIZONTAL		
HDPE	HIGH DENSITY POLYETHYLENE		
HDW	HARDWARE		
HT	HEIGHT		
HORIZ	HORIZONTAL		
HVAC	HEATING, VENTILATION AND AIR CONDITIONING		
IBC	INTERNATIONAL BUILDING CODE		
IT	INFORMATION TECHNOLOGY		
JT	JOINT		
MFR	MANUFACTURER		
MAX	MAXIMUM		
MDF	MEDIUM DENSITY FIBERBOARD		
MECH	MECHANICAL		
MIN	MINIMUM		
MO	MASONRY OPENING		

KEY PLAN LEGEND



GENERAL NOTES

- THIS DRAWING HAS GENERAL INFORMATION, NOT ALL MAY APPLY TO THIS PROJECT.
- THE "OWNER" IS THE MISSOURI ARMY NATIONAL GUARD. THE "ARCHITECT / ENGINEER" IS JACOBS.
- IF, AT ANY TIME, THE CONTRACTOR DISCOVERS A CONDITION WHICH CONFLICTS WITH THE DRAWINGS AND/OR SPECIFICATION OR IF THE CONTRACTOR DISCOVERS AN UNCLEAR OR MISLEADING DIRECTIVE GIVEN IN THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL BRING THE ISSUE IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT.
- DO NOT SCALE THE DRAWINGS - FOLLOW WRITTEN DIMENSIONS ONLY.
- "SIMILAR" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION OR DIMENSION IS THE SAME OR REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT.
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND/OR CONSTRUCTION.
- ALL WORK INDICATED ON THE DRAWINGS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MEANS AND METHODS AND SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL SOLELY AND COMPLETELY BE RESPONSIBLE FOR CONDITIONS OF THE PROJECT ON WHICH THE WORK IS TO BE PERFORMED AND FOR THE SAFETY OF ALL PERSONS AND/OR PROPERTY DURING THE PERFORMANCE OF THE CONTRACT.
- KEYED NOTES LISTED ON DRAWINGS REFER ONLY TO THOSE KEYED NOTE SYMBOLS ASSOCIATED WITH THE PARTICULAR DRAWING WHERE THE KEYED NOTES ARE LISTED.
- RESPECTIVE PLUMBING, MECHANICAL, ELECTRICAL AND FIRE PROTECTION SUBCONTRACTORS SHALL PROVIDE GENERAL CONTRACTOR WITH ALL REQUIRED ACCESS PANELS FOR GENERAL CONTRACTOR TO INSTALL IN THE BUILDING.
- ALL EXPOSED STEEL SHALL BE PAINTED UNLESS OTHERWISE NOTED.
- THERE ARE NO ASBESTOS CONTAINING MATERIALS SPECIFIED AND THEY SHALL NOT BE USED ON THIS PROJECT.
- THE SITE SHALL BE AVAILABLE DURING NORMAL WORKING HOURS TO THE OWNER AND ARCHITECT WITHOUT NOTICE.
- HAUL ROUTE TO THE SITE SHALL BE COORDINATED WITH THE OWNER.
- ACCESS TO THE WORK AREA SHALL BE AS DIRECTED BY THE OWNER.
- THE STRUCTURAL, MECHANICAL, PLUMBING, FIRE SUPPRESSION, FIRE ALARM, ELECTRICAL TELECOMMUNICATIONS, SECURITY, AND EQUIPMENT DRAWINGS, ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IF A DISCREPANCY EXISTS BETWEEN THE ARCHITECTURAL DRAWINGS AND ENGINEER'S DRAWINGS, SUCH DISCREPANCY SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IN WRITING PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED, BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, SIMILAR DETAILS SHALL BE USED SUBJECT TO REVIEW BY THE ARCHITECT.
- REFER TO FIRE SUPPRESSION AND FIRE ALARM DRAWINGS AND ELECTRICAL DRAWINGS FOR LOCATIONS OF FIRE ALARM HORNS/STROBES, EXIT SIGNS, AND EMERGENCY LIGHTING.
- RUBBER-TIRED EQUIPMENT SHALL BE USED FOR TRANSPORTING MATERIALS AND EQUIPMENT ON PAVED SURFACES AND WITHIN THE BUILDING. VEHICLES MOVING ON FLOOR SLABS SHALL HAVE TIRE BOOTS. DUCT TAPE ON TIRES IS NOT ALLOWED.

GENERAL NOTES

- EXPOSED CONCRETE FLOORS SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE FREE OF ALL CONSTRUCTION MARKERS, STAINS, PAINTS, OIL, OR OTHER DEFECTS. PATCH, IF REQUIRED, PRIOR TO HARDENING AND SEALING.
- CONFINE EQUIPMENT, STORAGE OF MATERIALS, AND OPERATIONS OF WORKERS TO LIMITS INDICATED AND AS DIRECTED ON DRAWINGS.
- OWNER ASSUMES NO RESPONSIBILITY FOR DAMAGE OR LOSS DUE TO STORING OF MATERIALS AND EQUIPMENT.
- ALL TRUCKS HAULING DEBRIS FROM THE PROJECT SITE OR MATERIAL TO THE PROJECT SHALL BE EQUIPPED WITH THE MEANS TO COVER LOADS AND WITH WATERPROOF TAILGATES WHICH SHUT TIGHTLY AND DO NOT PERMIT THE DEBRIS TO SPILL FROM THE TAILGATE AREA. TRUCK BEDS SHALL BE SWEEPED CLEAN AT THE TAILGATE BEFORE LEAVING FROM THE WORK AREA. SIDEBORDS SHALL BE KEPT IN GOOD REPAIR. UNDER NO CIRCUMSTANCES WILL TRUCKS BE PERMITTED TO BE LOADED GREATER THAN THE LEGAL LIMIT OR HIGHER THAN THE SIDEBORDS.
- OWNER WILL MAKE USE OF THE AREAS IN AND SURROUNDING THE CONSTRUCTION AREAS. EVERY EFFORT SHALL BE MADE TO MINIMIZE THE DISTURBANCE TO EMPLOYEES, PATRONS, AND TENANTS.
- MANUFACTURER'S NAME AND/OR MODEL NUMBERS ARE BEING UTILIZED FOR BASIS OF DESIGN ONLY. THE SPECIFICATION OUTLINES THE SPECIFIC CRITERIA FOR THE EQUIPMENT OR MATERIAL AND IS NON-PROPRIETARY.
- ALL UTILITY LINES IN PUBLIC AREAS SHALL BE ENCLOSED IN FLOOR, WALL OR CEILING CONSTRUCTION UNLESS OTHERWISE NOTED.
- MANUFACTURED MATERIALS, EQUIPMENT, ETC SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, INSTRUCTIONS, AND ABA/ADA REQUIREMENTS UNLESS OTHERWISE NOTED.
- IF DRAWINGS IN THIS SET ARE NOT 30" X 42" THEY HAVE BEEN REVISED FROM THEIR ORIGINAL SIZE. SCALES NOTED ON PLANS AND DETAILS ARE NO LONGER APPLICABLE.
- PROVIDE A RED LINED "RECORD" CONSTRUCTION DOCUMENT SET AT THE SITE. THE OWNER RESERVES THE RIGHT TO REVIEW THESE DOCUMENTS ON A DAILY BASIS.
- LOCATE ALL UNDERGROUND UTILITIES, ETC. PRIOR TO THE START OF CONSTRUCTION.
- KEEP MEANS OF EGRESS STAIRS AND CORRIDORS PROPERLY ILLUMINATED AND FREE OF OBSTRUCTIONS AT ALL TIMES DURING CONSTRUCTION.
- WORK SHALL CONFORM TO APPLICABLE CODES, REGULATIONS, AND ORDINANCES. OBTAIN ALL REQUIRED BUILDING AND OCCUPANCY PERMITS.
- ESTABLISH A SITE BENCHMARK FOR ALL SUBCONTRACTORS TO USE. ALL TRADES SHALL USE THE SAME BENCHMARK.
- ITEMS INDICATED ON THE DRAWINGS AS "GFGI" MEANS GOVERNMENT FURNISHED AND GOVERNMENT INSTALLED. COORDINATE WITH THE GOVERNMENT FOR THE REQUIRED POWER, PLUMBING, AND OTHER REQUIRED UTILITIES AS APPLICABLE.
- ITEMS INDICATED ON THE DRAWINGS AS "GFCI" MEANS GOVERNMENT FURNISHED AND CONTRACTOR INSTALLED. COORDINATE WITH ALL SCOPE OF WORK.
- ALL SUSPENDED ITEMS OF THE WORK EXCEEDING 31 POUNDS IN WEIGHT (EXCLUDING DISTRIBUTED SYSTEMS SUCH AS PIPING NETWORKS) SHALL BE ANCHORED TO RESIST A HORIZONTAL LOAD EQUAL TO 0.5 TIMES THE COMPONENT WEIGHT IN ACCORDANCE WITH UFC 4-010-01. THIS REQUIREMENT DOES NOT PRECLUDE REQUIREMENTS FOR SEISMIC ANCHORAGE IN ACCORDANCE WITH ASCE 7-05 AND THE PROJECT SPECIFICATIONS. FOR ADDITIONAL INFORMATION ON EQUIPMENT SUPPORT FRAMING REFER TO STRUCTURAL.
- FOR LIFE SAFETY PLANS REFER TO G-101 - G-105.
- FOR ACCESSIBILITY REQUIREMENTS REFER TO G-120.
- FOR ACCESSIBILITY PLANS REFER TO G-121.
- FOR SIGNAGE PLANS REFER TO G-131 - G-134.
- DO NOT PAINT BUILDING GROUNDING CABLES.
- ALL PENETRATIONS THROUGH BATTEN-SEAM METAL ROOF SHALL BE COORDINATED WITH THE BATTEN-SEAM METAL ROOFING MANUFACTURER / INSTALLER TO ENSURE PENETRATIONS ARE LOCATED, CENTERED BETWEEN SEAMS/BATTENS.
- FURNITURE PLANS AS INDICATED ARE NIC AND GFGI AND ISSUED FOR REFERENCE PURPOSE ONLY.
- MOUNT ALL PIPING, EQUIPMENT, DUCTWORK, ETC. AS HIGH AS POSSIBLE IN ALL AREAS UNLESS OTHERWISE NOTED. ALL HANGER SUPPORTS SHALL BE ATTACHED TO STRUCTURAL STEEL. NOTHING MAY BE SUPPORTED FROM ROOF DECK.

AIR BARRIERS

- PROVIDE AN AIR BARRIER SYSTEM THAT IS CONTIGUOUS AND CONNECTED ACROSS THE SIX SURFACES OF THE BUILDING ENVELOPE MEETING THE PERFORMANCE REQUIREMENTS AS OUTLINED IN THE SPECIFICATION.
- ALL AIR BARRIER SYSTEMS SHALL BE FLASHED AND SEALED AIR TIGHT AT ALL WINDOWS, DOORS, AND AT ALL WALL AND ROOF TRANSITIONS AND PENETRATIONS TO MAINTAIN A CONTINUOUS PLANE OF AIR TIGHTNESS THROUGHOUT THE BUILDING ENVELOPE.
- LAP ALL AIR BARRIER SYSTEMS 4" MINIMUM AND SEAL AIR TIGHT ONTO THE ADJACENT SURFACE TO MAINTAIN A CONTINUOUS PLANE OF AIR TIGHTNESS THROUGHOUT THE BUILDING ENVELOPE.
- AT MATERIAL TRANSITIONS, AIR BARRIER SHALL BE COMPATIBLE WITH ALL SURFACES ON WHICH BEING APPLIED.

MATERIAL LEGEND

	STEEL		WOOD ROUGH
	SOUND ATTENUATION BLANKETS		CMU
	THERMAL INSULATION (RIGID)		WOOD BLOCKING, SHIM
	GYPSONUM BOARD		PARTICLEBOARD OR PLYWOOD
	CONCRETE		SOLID SURFACE MATERIAL
	EARTH		INSULATED METAL PANEL
	GRANULAR FILL		
	ACOUSTICAL PANEL CEILING		

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REV	DESCRIPTION	DATE

AVCRAD PHASE 3A ADDITION
 1107th THEATER AVIATION SUSTAINMENT MAINTENANCE GROUP
 MISSOURI ARMY NATIONAL GUARD
 GREENE COUNTY
 SPRINGFIELD, MISSOURI
 CONTRACT NO. T1808-01
 NATIONAL GUARD BUREAU
 NGB PROJECT NO. 290109

Scales:

Project No.: T1808-01

Drawing Title: GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS

Date: 29 JUNE 2018

Designed: AT
Drawn: NF
Checked: RY

Drawing No.: **G-002**
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