

**AEROJET**  
**BUILDING 66B**  
**CURE OVEN BUILDING**  
EAST CAMDEN, ARKANSAS

Project —

AEROJET BUILDING 66B  
CURE OVEN BUILDING  
EAST CAMDEN,  
ARKANSAS

Design Phase —

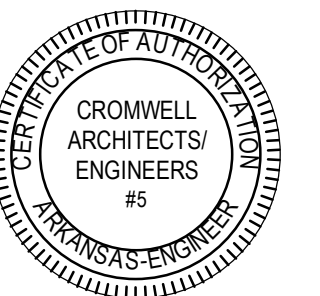
# CONSTRUCTION DOCUMENTS

Revisions —

No.	Date	Description
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[illegible]

Stamp —



07-31-2024

Notes \_\_\_\_\_

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Project Number —

2024-045

Issue Date —

7-31-2024

Sheet Title —

# TITLE SHEET

Sheet Number —

# G-001





NOTES

A. GENERAL CONSTRUCTION REQUIREMENTS:

A1. ALL WORK SHALL BE DONE IN A SAFE AND WORKMANLIKE MANNER AND IN STRICT ACCORDANCE WITH THE GOVERNING BUILDING CODES, NATIONAL ELECTRIC CODE, AND ALL APPLICABLE REGULATIONS AND ORDINANCES HAVING JURISDICTION.

A2. THE CONTRACTOR IS TO UNDERSTAND ALL DRAWINGS AND SPECIFICATIONS COMPLETELY. EACH ASPECT OF THE WORK MAY BE INDICATED IN ONE DISCIPLINE OR INDICATED IN MULTIPLE DISCIPLINES. REVIEW ALL INFORMATION FROM ALL DISCIPLINES AND COMPLETELY FIELD VERIFY ALL CONDITIONS BEFORE IMPACTING EXISTING CONDITIONS OR PROVIDING NEW WORK.

A3. EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO DO SO DOES NOT RELIEVE ANY RESPONSIBILITY FOR PERFORMING THIS WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

A4. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF ALL ITEMS; AND IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE PLANS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT TO DETERMINE THE PROPER COURSE OF ACTION. THE CONTRACTOR'S APPROVAL FOR FABRICATION INDICATES THE ACCEPTANCE OF EXISTING CONDITIONS.

A5. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL CONSTRUCTION PROCEDURES WHICH WILL INTERFERE WITH THE NORMAL DAILY OPERATIONS OF THE FACILITY. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE OWNER FOR ALL INTERRUPTIONS OF UTILITY SERVICES TO THE EXISTING BUILDING PRIOR TO THE INTERRUPTION. ACCIDENTAL INTERRUPTIONS SHALL BE REMEDIED IMMEDIATELY WITH APPROPRIATE FORCES.

A6. ANY DAMAGE TO THE OWNER'S PROPERTY OR OWNER'S EMPLOYEES CAUSED BY THE CONSTRUCTION PROCESS SHALL BE REPAIRED/REPLACED AT NO COST TO THE OWNER OR OWNER'S EMPLOYEES.

A7. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE SECURITY SYSTEM OF THE EXISTING FACILITY AT ALL TIMES. THIS INCLUDES KEEPING THE FACILITY SECURE FROM PERSONS, ENVIRONMENTAL ELEMENTS, OR HAZARDS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE OWNER PRIOR TO THE MODIFICATION OF ANY SECURITY SYSTEM OR THE DISABLING OF SUCH.

A8. THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA FREE AND CLEAR OF DEBRIS. REMOVE TRASH AND DEBRIS FROM CONSTRUCTION AREA AND DO NOT ALLOW TO ACCUMULATE. THE OWNER REQUIRES A MANIFEST OF EVERYTHING LEAVING THE SITE - SUBMIT TO AEROJET ROCKETDYNE PROJECT MANAGER. NO FLAMMABLE MATERIALS/LIQUIDS MAY BE STORED IN THE EXISTING BUILDING OR THE EXPANSION DURING CONSTRUCTION. PROVIDE EXTINGUISHERS AS REQUIRED BY LOCAL AND STATE AUTHORITIES, UL LISTED 2A/20BC DRY CHEMICAL FIRE EXTINGUISHERS, ACCESSIBLE AT ALL TIMES WITHIN ALL CONSTRUCTION AREAS.

A9. REPAIR, RE-ROUTE AND EXTEND ALL SERVICES, PIPING, CONDUIT OF EXISTING ITEMS AND EQUIPMENT AS REQUIRED DURING THE CONSTRUCTION PROCESS FOR THE COMPLETE INSTALLATION AND OPERATIONS OF NEW EQUIPMENT. THIS INCLUDES ALL ITEMS SHOWN OR NOT SHOWN ON THE DRAWINGS. RESET EXISTING EQUIPMENT OR RELATED ITEMS AS REQUIRED FOR PROPER OPERATION.

A10. ALL QUESTIONS RELATING TO THE CONSTRUCTION OF THIS PROJECT SHALL BE DONE IN WRITTEN FORM USING THE "REQUEST FOR INFORMATION" FORM, INCLUDED IN THE SPECIFICATIONS, THROUGH THE GENERAL CONTRACTOR ONLY. FOLLOW INSTRUCTIONS WHEN COMPLETING AND SENDING THIS FORM.

B. GENERAL SITE VERIFICATION REQUIREMENTS:

B1. EXISTING CONDITIONS SHOWN IN THESE PLANS ARE BASED ON LIMITED FIELD OBSERVATIONS BY THE ARCHITECT AND ORIGINAL DESIGN DRAWINGS. ALL EXISTING MATERIAL, DIMENSIONS, ELEVATIONS, AND GENERAL CONDITIONS OF THE BUILDING SHALL BE VERIFIED BEFORE PURCHASE OF MATERIAL AND CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN PLANS AND FIELD CONDITIONS IMMEDIATELY.

B2. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES (WHETHER SHOWN OR NOT) PRIOR TO THE SUBMISSION OF HIS BID OR THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF THE DISCOVERY OF EXISTING UTILITIES NOT SHOWN OR NOTED ON DRAWINGS. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTHS OF UNDERGROUND UTILITY SERVICES PRIOR TO ANY EXCAVATION.

C. GENERAL FLOOR PLAN NOTES:

REFER TO ARCH PLAN SHEETS (A-101)

C1. ALL DIMENSIONS ARE TO FACE OF GIRT OR GYP. UNLESS NOTED OTHERWISE.

C2. ALL NEW FLOORING SHALL BE PROTECTED FROM SCRATCHING, MARKING, STAINING, ETC. DURING CONSTRUCTION. ANY FLOORING THAT IS DAMAGED BY CONSTRUCTION AND DOES NOT APPEAR IN NEW CONDITION AT THE TIME OF POSSESSION WILL BE REPLACED BY THE GENERAL CONTRACTOR AT HIS EXPENSE. INSTALL TRANSITION STRIP WHERE FLOORING ABUTS EXPOSED CONCRETE FLOOR.

ARCHITECTURAL ABBREVIATIONS

AB	ANCHOR BOLT	KG	KILOGRAM
ACOUST.	ACOUSTICAL	LCB	LIQUID CHALK BOARD
AD	AUXILIARY DRAIN	LM	LINEAL METER
ADJ.	ADJUSTABLE	LG	LONG
ADMIN.	ADMINISTRATION	MAS	MASONRY
A.F.F.	ABOVE FINISH FLOOR	MATL.	MATERIAL
AGGRE.	AGGREGATE	MAX	MAXIMUM
ALUM.	ALUMINUM	MB	MINI-BLINDS
BD	BOARD	M.D.	METAL DECK
B.F.F.	BELOW FINISH FLOOR	MECH.	MECHANICAL
BLKG	BLOCKING	MEMB.	MEMBRANE
BM	BEAM	MEZZ.	MEZZANINE
B.O.	BOTTOM OF	MFR	MANUFACTURER
BPL	BASE PLATE	MISC.	MISCELLANEOUS
BS	BOTH SIDES	MO	MASONRY OPENING
BTWN.	BETWEEN	M.S.	METAL STUD
B.U.R.	BUILT-UP ROOF	MTL	METAL
CAL.	CALIPER	N.I.C.	NOT IN CONTRACT
CL	CENTERLINE	NS	NON-SHRINK
CFC	COMBINED FACILITIES COMPLEX	N.T.S.	NOT TO SCALE
CSF	COMBINED SHARED FACILITIES	OC	ON CENTER
CG	CORNER GUARD	OD	OUTSIDE DIAMETER
CJ	CONTROL JOINT	OFW	OUTSIDE FACE OF WALL
CLG	CEILING	OPNG	OPENING
CMU	CONCRETE MASONRY UNIT	OPP.	OPPOSITE
COL.	COLUMN	P.LAM	PLASTIC LAMINATE
CONC.	CONCRETE	PL	PLATE
CONC. BLK	CONCRETE BLOCK	PLYWD.	PLYWOOD
CONST.	CONSTRUCTION	PNL	PANEL
CONT.	CONTINUOUS	PROD	PRODUCE
CT	CERAMIC TILE	KG/SQM	KILOGRAMS PER SQUARE METER
DB	DECK BEARING	KG/SQCM	KILOGRAMS PER SQUARE CENTIMETER
DIM.	DIMENSION	QTY	QUANTITY
DR	DOOR	R	RISER
DTL	DETAIL	R	RADIUS
DWG	DRAWING	RD	ROOF DRAIN
EA	EACH	REFRIG	REFRIGERATION
E.B.	EXPANSION BOLT	REINF	REINFORCING
EF	EXHAUST FAN	REQD	REQUIRED
E.I.F.S.	EXTERIOR INSULATION AND FINISH SYSTEM	RM	ROOM
EJ	EXPANSION JOINT	RPP	RACK POST PROTECTOR
ELEC.	ELECTRICAL	SC	SOLID CORE
ELEV.	ELEVATION	SCHED.	SCHEDULE
EQ	EQUAL	SECT.	SECTION
EQUIP.	EQUIPMENT	SHT.	SHEET
EW	EACH WAY	SIM.	SIMILAR
EW	ELECTRIC WATER COOLER	SPECS	SPECIFICATIONS
EXIST.	EXISTING	SMFE	SURFACE MOUNTED FEC
EXP	EXPANSION	SRFE	SEMI-RECESSED FEC
EXT.	EXTERIOR	S	SEWER
F	FEMALE	SS	SANITARY SEWER
FD	FLOOR DRAIN	S.S.	STAINLESS STEEL
FE	FIRE EXTINGUISHER	SSC	STAINLESS STEEL CLOSURE
FEC	FIRE EXTINGUISHER CABINET	SST	STAINLESS STEEL THRESHOLD
F.F.E.	FINISH FLOOR ELEVATION	STB	STAFF TRAINING BUILDING
FIN.	FINISH	STL	STEEL
FLR	FLOOR	STO.	STORAGE
FND	FOUNDATION	STRUCT.	STRUCTURAL
F.O.C.	FACE OF CONCRETE	SYM.	SYMBOL
FRP	FIBERGLASS REINFORCED PANEL	T	TREAD
FTG	FOOTING	T & B	TOP AND BOTTOM
GA	GAGE	THK	THICK
GALV	GALVANIZED	THRESH.	THRESHOLD
GR	GUARD RAIL	TJ	TOOLED JOINT
GP	GUARD POST	TO	TOP OF
GYP	GYP SUM	T.O.S.	TOP OF STEEL
GYP.BD.	GYP SUM BOARD	T.O.P.	TOP OF PANEL
H	HIGH	TS	TUBE STEEL
HD	HANDICAP	TYP	TYPICAL
HC	HOLLOW CORE	T.O.M.	TOP OF MASONRY
HDW	HARDWARE	U.N.O.	UNLESS NOTED OTHERWISE
HM	HOLLOW METAL	VCT	VINYL COMPOSITION TILE
HORIZ.	HORIZONTAL	VERT.	VERTICAL
HP	HORSEPOWER	VEST.	VESTIBULE
HT	HEIGHT	V.I.F.	VERIFY IN FIELD
INFO.	INFORMATION	W	WIDE
INSUL.	INSULATION	W/	WITH
INT	INTERIOR	WC	WATER CLOSET
JAN	JANITOR.	WD	WOOD
JT	JOINT	WDW	WINDOW
JST	JOIST	WG	WALL GUARD
KCJ	KEYED CONTROL JOINT	W/O	WITHOUT
LAV.	LAVATORY	WP	WATERPROOFING
		WT	WEIGHT
		WWF	WELDED WIRE FABRIC

Project

AEROJET BUILDING 66B  
CURE OVEN BUILDING  
EAST CAMDEN,  
ARKANSAS

Design Phase

CONSTRUCTION DOCUMENTS

Revisions

No.	Date	Description

Stamp

CERTIFICATE OF AUTHORIZATION  
CROMWELL ARCHITECTS/ENGINEERS  
#5  
ARKANSAS-ENGINEER

REGISTERED ARCHITECT  
DANIEL K. FOWLER  
No. 3339  
ARKANSAS

07-31-2024

Notes

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GENERAL NOTES & DETAILS

Sheet Number

G-003



CODE	EDITION	DESCRIPTION
AFPC	2021	ARKANSAS FIRE PREVENTION BUILDING CODE
NFPA 1	2021	FIRE CODE
NFPA 10	2022	STANDARD FOR PORTABLE FIRE EXTINGUISHERS
NFPA 13	2019	INSTALLATION OF SPRINKLER SYSTEMS
NFPA 24	2019	STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
NFPA 25	2020	STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER BASED FIRE PROTECTION SYSTEMS
NFPA 70	2020	NATIONAL ELECTRIC CODE
NFPA 72	2019	NATIONAL FIRE ALARM CODE
NFPA 90A	2021	STANDARD INSTALLATION OF AIR CONDITIONING AND VENTILATION SYSTEMS
NFPA 101	2021	LIFE SAFETY CODE

A VERBAL AGREEMENT HAS BEEN MADE WITH THE ARKANSAS STATE FIRE MARSHAL. CODE EXEMPTIONS WERE MADE FOR THIS FACILITY. OFFICIAL DOCUMENTATION IS EXPECTED TO BE RECEIVED.

1. DEFLAGRATION VENTING IN ACCORDANCE WITH SECTION 414.5.1 IS NOT REQUIRED.
2. AUTOMATIC FIRE SUPPRESSION SYSTEMS FOR H OCCUPANCIES IN ACCORDANCE WITH SECTION 903.2.5 IS NOT REQUIRED.

☒ SINGLE  
☐ MIXED

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☐ SEPARATED    ☐ NON SEPARATED

BUILDING HEIGHT	HEIGHT IN FEET 27' - 0"	HEIGHT IN STORIES 1
BUILDING AREA	8,641.00 SF	

		TABULAR AREA (TABLE 506.2)		TABULAR HEIGHT (TABLE 504.3-4)		
OCCUPANCY CLASSIFICATION	TYPE OF CONSTRUCTION	AREA FACTOR	AREA	AREA FACTOR	FEET	STORIES
H-1	IIB	NS	7000	NS	55	1

$$12250 = \left[ \frac{7000}{1} + \left( \frac{7000}{1} \times \frac{0.75}{1} \right) \right]$$

	EXITS	EXIT ACCESS CORRIDORS	OTHER SPACES
WALL & CEILING FINISH	A	A	B
FLOOR COVERINGS	II	II	II

FIRE PROTECTION SYSTEM	REQUIRED	PROVIDED	SECTION
AUTOMATIC SPRINKLER			903
ALTERNATIVE AUTO FIRE EXT			904
STANDPIPE			905
PORTABLE FIRE EXTINGUISHERS	●	●	906
FIRE ALARM AND DETECTION		●	907
EMERGENCY ALARM			908
SMOKE CONTROL			909
SMOKE & HEAT REMOVAL			910
FIRE COMMAND CENTER			911
FIRE DEPT. CONNECTIONS			912
FIRE PUMPS			913
EMERGENCY RESPONDER FEATURES			914
CARBON MONOXIDE DETECTION			915
GAS DETECTION SYSTEMS			916
MASS NOTIFICATION SYSTEMS			917
EMERGENCY RESP. COMM COVERAGE			918

	REQUIRED	SECTION
STRUCTURAL FRAME	0	601
BEARING WALLS (EXTERIOR)	0	601
BEARING WALLS (INTERIOR)	0	601
NON-BEARING WALLS (EXTERIOR)	0	601
NON-BEARING WALLS (INTERIOR)	0	601
FLOOR CONSTRUCTION	0	601
ROOF CONSTRUCTION	0	601
INTERIOR EXIT STAIRWAYS	N/A	1023
SHAFT ENCLOSURE	N/A	713
CORRIDORS	N/A	1020

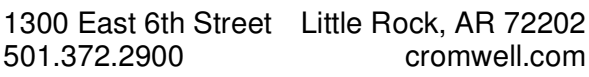
MEANS OF EGRESS ELEMENT	REQUIRED	PROVIDED	SECTION
NUMBER OF EXITS	2	7	1006.3.3
EXIT ACCESS TRAVEL DISTANCE	75 ft	75 ft	1017.2
DEAD-END LIMIT	20 ft	0 ft	1020.5
COMMON PATH OF TRAVEL LIMIT	25 ft	25 ft	1006.2.1

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ARKANSAS

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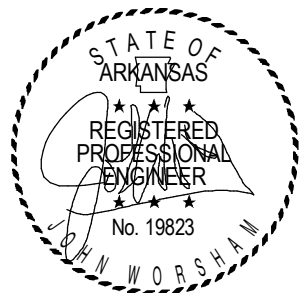
# GI001



AEROJET BUILDING 66B  
CURE OVEN BUILDING  
EAST CAMDEN,  
ARKANSAS

# CONSTRUCTION DOCUMENTS

No.	Date	Description
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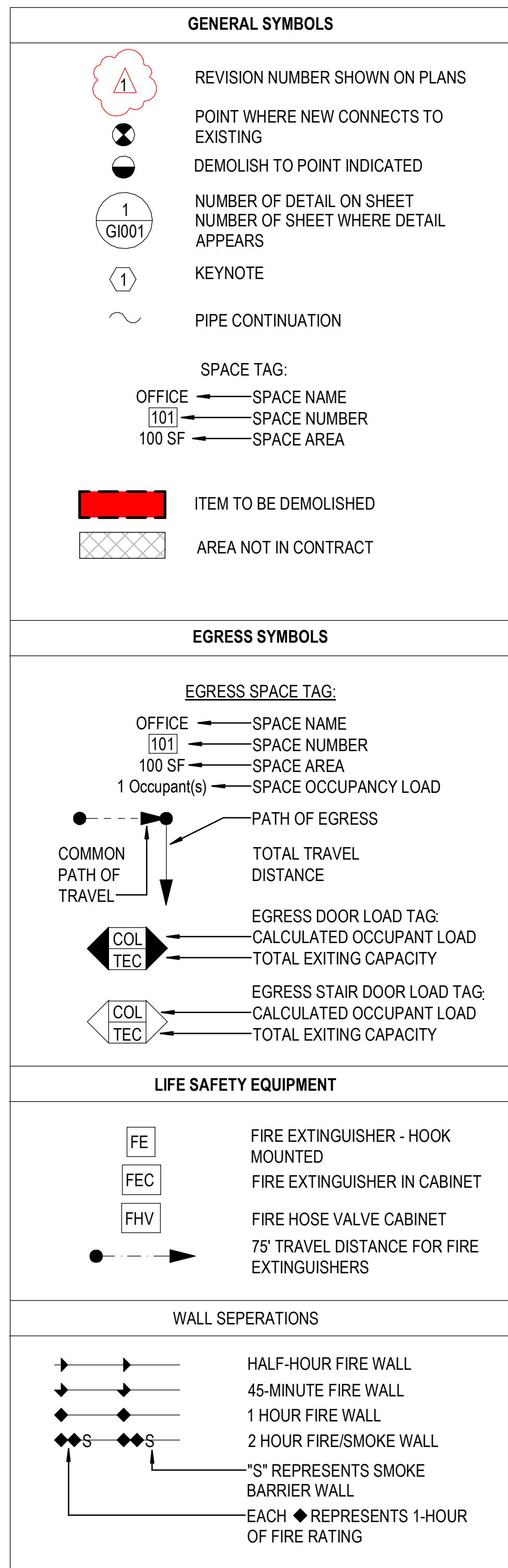
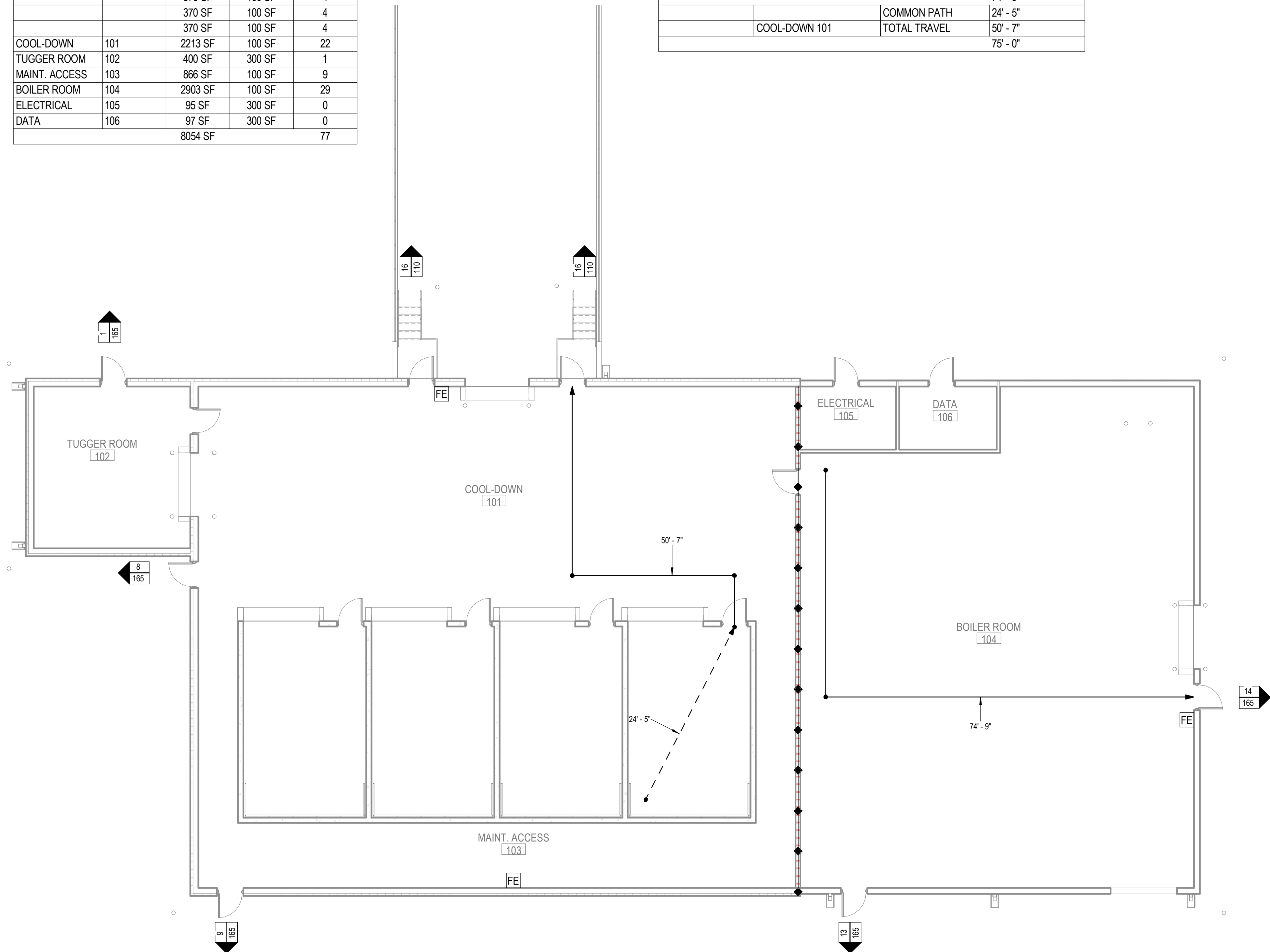
07-31-2024

Sheet Number

# GI101

LIFE SAFETY SCHEDULE				
NAME	NUMBER	SPACE	AREA PER PERSON	OCCUPANT LOAD
		AREA		
		370 SF	100 SF	4
		370 SF	100 SF	4
		370 SF	100 SF	4
		370 SF	100 SF	4
COOL-DOWN	101	2213 SF	100 SF	22
TUGGER ROOM	102	400 SF	300 SF	1
MAINT. ACCESS	103	866 SF	100 SF	9
BOILER ROOM	104	2903 SF	100 SF	29
ELECTRICAL	105	95 SF	300 SF	0
DATA	106	97 SF	300 SF	0
8054 SF				77

LIFE SAFETY - PATH OF TRAVEL			
TRAVEL PATH			
FROM ROOM	TO ROOM	EXIT TRAVEL TYPE	LENGTH
BOILER ROOM 104	BOILER ROOM 104	TOTAL TRAVEL	74' - 9"
			74' - 9"
		COMMON PATH	24' - 5"
	COOL-DOWN 101	TOTAL TRAVEL	50' - 7"
			75' - 0"



**1 LIFE SAFETY FLOOR PLAN**

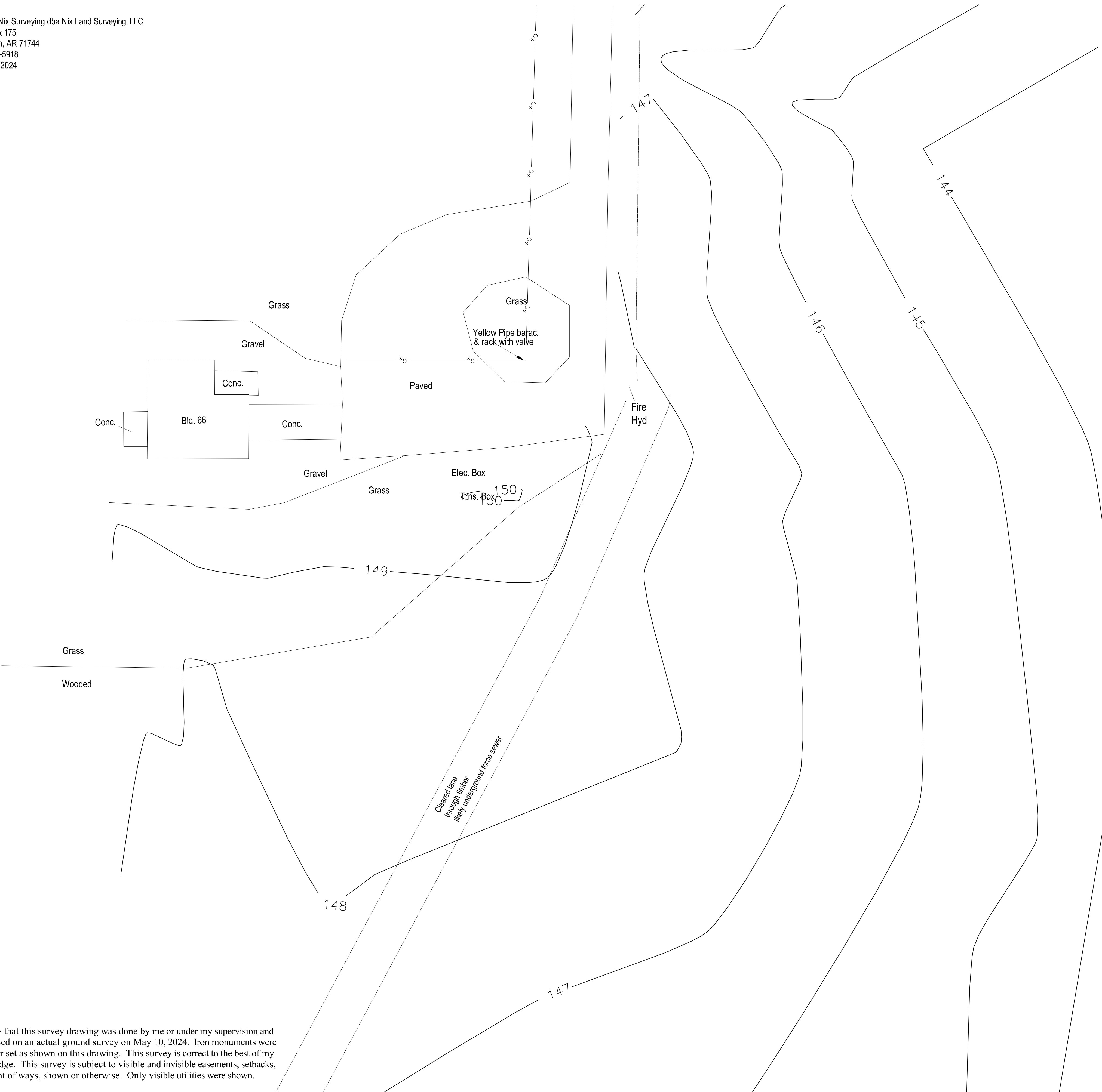
1/8" = 1'-0"

0 4 8 16

NORTH



Joshua Nix Surveying dba Nix Land Surveying, LLC  
P.O. Box 175  
Hampton, AR 71744  
870-918-5918  
May 15, 2024



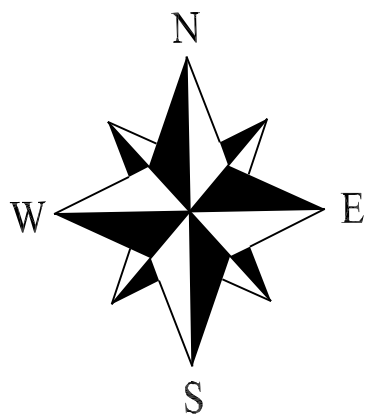
I certify that this survey drawing was done by me or under my supervision and was based on an actual ground survey on May 10, 2024. Iron monuments were found or set as shown on this drawing. This survey is correct to the best of my knowledge. This survey is subject to visible and invisible easements, setbacks, and right of ways, shown or otherwise. Only visible utilities were shown.

Survey for Cromwell, Aerojet Building 66 Oven Project

Engineering survey of the area of building 66, Aerojet Rocketdyne, East Camden, Arkansas.



1300 East 6th Street Little Rock, AR 72202  
501.372.2900 cromwell.com



Bearings based on NAD 83, AR  
South zone state pln, GPS obs.

LEGEND

- 4' Round well
- Found Monument
- tile w/lift pump Rim=143.29'
- 4" pvc Reading Pipe
- Ground Shots (G)
- E -- E Overhead Electric
- Ep=Edge of pavement
- OHE=Overhead Electric
- Bc=Bottom of culvert
- W=Water Valve
- CC = Concrete
- LN=Lane ground shots

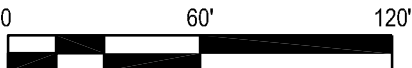
SITE SURVEY NOTES:

- THIS SHEET IS TAKEN FROM A SURVEY PROVIDED BY:  
  
JOSH NIX SURVEYING  
PO BOX 175  
HAMPTON, AR 71744  
1-870-918-5918
- THIS SHEET IS A PRESENTATION DRAWING FOR INFORMATION ONLY TO SHOW THE EXISTING CONDITIONS OF THE SITE .
- THE ORIGINAL FULL SURVEY WAS STAMPED AND SEALED BY JOSH NIX (AR, PLS 1628) .



1

SITE SURVEY



SCALE:1"=60'

Project

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ARKANSAS

Design Phase

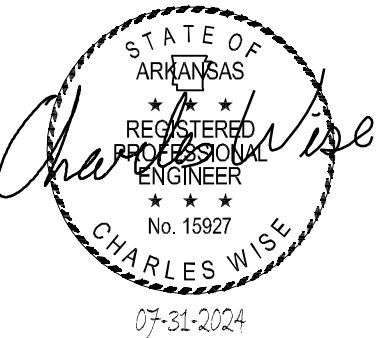
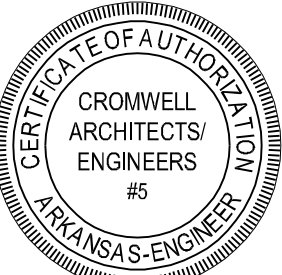
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SITE SURVEY

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VF101