

SPLIT SYSTEM SCHEDULE (GAS FURNACE)

CONDENSING UNIT										INDOOR UNIT																		
MARK	MANUFACTURER/MODEL	VOLTAGE/PHASE/HZ	MCA	MOCP	NOMINAL COOLING	MIN SEER	REFRIGERANT TYPE	AIRFLOW	OSA FLOW	E.S.P. (IN.W.G.)	MARK	MODEL	HEAT PUMP					FURNACE				REMARKS						
													COOLING			HEATING												
													COOLING EAT (DBWB)	COOLING LAT (DBWB)	TOTAL COOLING	OUTDOOR DB	CAPACITY @47F	CAPACITY @17F	HEAT INPUT	HEAT OUTPUT	VOLTAGE/PHASE/HZ						MCAMCOP	
CU-1	TRANE4TW4	208/360	21	35	5 TON	14	R-410A	2000 cfm	400 cfm	0.75	AHU-1	4TXC+S8X1C	80F/67F	58.2F/57.3F	59233BTUh	17F	52500BTUH	35600BTUH	80000BTUh	66000BTUh	115/160	14.1/15	PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.					
CU-2	TRANE4TW4	208/360	21	35	5 TON	14	R-410A	2000 cfm	400 cfm	0.75	AHU-2	4TXC+S8X1C	80F/67F	58.2F/57.3F	59233BTUh	17F	52500BTUH	35600BTUH	80000BTUh	66000BTUh	115/160	14.1/15	PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.					
CU-3	TRANE4TW4	208/360	21	35	5 TON	14	R-410A	2000 cfm	400 cfm	0.75	AHU-3	4TXC+S8X1C	80F/67F	58.2F/57.3F	59233BTUh	17F	52500BTUH	35600BTUH	80000BTUh	66000BTUh	115/160	14.1/15	PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.					
CU-4	TRANE4TW4	208/360	12	20	3 TON	15	R-410A	1200 cfm	240 cfm	0.75	AHU-4	4TXC+S9V2B	80F/67F	59.3F/57.2F	35794BTUh	17F	33000BTUH	20600BTUH	40000BTUh	39000BTUh	115/160	7.9/15	PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.					

EXHAUST FANS

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	MAX AIR FLOW RATE (CFM)	TOTAL STATIC PRESSURE (IN. W.G.)	MOTOR ROTATION (RPM)	DRIVE	SONES	BHP	HP	FAN POWER (AMPS)	VOLTS / PHASE	REMARKS
EF-1	COOK 330SQIN-8	CENTRIFUGAL INLINE	109 APPARATUS BAYS	10000	0.4	509	BELT	12.2	1.73	2	-	115/1	PROVIDE WITH BACKDRAFT DAMPER.
EF-2	COOK GC-186	CEILING	SHOWER 112	200	0.25	1022	DIRECT	2.5	-	-	0.817	115/1	PROVIDE WITH INTEGRAL BACKDRAFT DAMPER AND FAN SPEED CONTROLLER.
EF-3	COOK GC-422	CEILING	MENS RESTROOM	280	0.25	1495	DIRECT	4.0	-	-	1.05	115/1	PROVIDE WITH INTEGRAL BACKDRAFT DAMPER AND FAN SPEED CONTROLLER.
EF-4	COOK GC-166	CEILING	WOMENS RESTROOM	140	0.25	1073	DIRECT	2.5	-	-	0.817	115/1	PROVIDE WITH INTEGRAL BACKDRAFT DAMPER AND FAN SPEED CONTROLLER.

KITCHEN HOOD SCHEDULE

DESIGNATION	REFERENCE PRODUCT	LOCATION	WIDTH (IN.)	FAN TYPE	VENTING TYPE	WET CHEMICAL EXTINGUISHING AGENT	AIRFLOW (CFM)	FUSIBLE LINK TEMP. RATING (DEGREES F.)	MOTOR DATA	REMARKS
KH-1	DENLARD1000	KITCHEN RANGE	30	IN-LINE DUCT	VERTICAL DUCT	AMAREX 660	510	280	POWER (AMPS) 5 VOLTS/PHASE/ HERTZ 115/1/60	FURNISH WITH ELECTRIC RANGE ELEMENT DISCONNECT, MANUAL PULL STATION KIT, NFPA 101 PACKAGE AND BACKDRAFT DAMPER.

UNIT HEATERS - GAS

DESIGNATION	MANUFACTURER	MODEL	INPUT	OUTPUT	FREE AIR DELIVERY	AIR TEMPERATURE RISE	MCA 1	HP	RPM
UH-1	TRANE	GH	10000Btu/h	8300Btu/h	1600cfm	47F	7.5	1/10	1150
UH-2	TRANE	GH	10000Btu/h	8300Btu/h	1600cfm	47F	7.5	1/10	1150

ROOFTOP GRAVITY VENTILATORS

DESIGNATION	REFERENCE PRODUCT	AIRFLOW (CFM)	THROAT SIZE (IN.)	HOOD SIZE (IN.)	HEIGHT (IN.)	PRESSURE DROP (IN. W.G.)	REMARKS
RV-1	COOK G/GR	1200	16"X16"	28"X36"	11"	0.04	PROVIDE WITH BIRD SCREEN.

AIR DEVICE SCHEDULE

DESIGNATION	REFERENCE PRODUCT	TYPE	MAX AIRFLOW (CFM)	NECK SIZE	PANEL SIZE	MAX P.D. (IN. W.C.)	MAX N.C.	FINISH	REMARKS
SUPPLY									
A	TITUS TMS	CEILING	100	6" ROUND	24"X24"	0.03	25	WHITE	PROVIDE WITH OBD AND MOLDED INSULATION BLANKET.
B	TITUS TMS	CEILING	200	8" ROUND	24"X24"	0.03	25	WHITE	PROVIDE WITH OBD AND MOLDED INSULATION BLANKET.
C	TITUS TMS	CEILING	350	10" ROUND	24"X24"	0.03	25	WHITE	PROVIDE WITH OBD AND MOLDED INSULATION BLANKET.
D	TITUS TMS	CEILING	500	14" ROUND	24"X24"	0.03	25	WHITE	PROVIDE WITH OBD AND MOLDED INSULATION BLANKET.
E	TITUS 300FL	SIDEWALL	300	10" X 10"	12"X12"	0.02	25	WHITE	PROVIDE WITH OBD.
RETURN/EXHAUST									
1	TITUS 50F	CEILING	600	12" X 12"	24"X24"	0.05	25	WHITE	PROVIDE WITH OBD.
2	TITUS 50F	CEILING	2000	22" X 22"	24"X24"	0.05	25	WHITE	PROVIDE WITH OBD.
3	TITUS 350FL	SIDEWALL	300	10" X 10"	12"X12"	0.02	25	WHITE	PROVIDE WITH OBD.
4	TITUS 350FL	SIDEWALL	10000	48" X 48"	50" X 50"	0.09	30	WHITE	

LOUVERS

DESIGNATION	REFERENCE PRODUCT	WIDTH (INCHES)	HEIGHT (INCHES)	DEPTH (INCHES)	MINIMUM FREE AREA (SQ. FT.)	AIRFLOW RATE (CFM)	AIR PRESSURE DROP (IN. W.G.)	FINISH	REMARKS
L-1	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-2	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-3	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-4	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-5	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-6	RUSKIN ELF3675DX	42	24	6	3.43	1675	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-7	RUSKIN ELF3675DX	72	48	6	13.78	10000	0.07	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-8	RUSKIN ELF3675DX	18	12	6	0.58	240	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-9	RUSKIN ELF3675DX	12	12	6	0.31	140	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-10	RUSKIN ELF3675DX	18	12	6	0.58	280	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.
L-11	RUSKIN ELF3675DX	12	12	6	0.31	140	0.05	PER ARCHITECT	PROVIDE WITH BIRDSCREEN.

SEQUENCE OF OPERATIONS:

EXHAUST FAN (EF-1)

- A. EXHAUST FANS SHALL BE CONTROLLED TO OPERATE AUTOMATICALLY UPON DETECTION OF CARBON MONOXIDE EXCEEDING THE MAXIMUM ALLOWABLE LEVELS IN ACCORDANCE WITH APPLICABLE LOCAL CODES. THE INTAKE LOUVER MOTORIZED DAMPERS SHALL OPEN WHEN THE FAN RUNS.
- B. EXHAUST FANS SHALL HAVE THE OPTION OF BEING MANUALLY CONTROLLED TO RUN BY A SWITCH OPERATED BY THE OCCUPANT.

EXHAUST FANS (EF-2, EF-3 AND EF-4)

- A. EXHAUST FANS SHALL BE INTERLOCKED WITH THE ROOM LIGHTING CONTROLS TO RUN WHEN THE ROOM LIGHTS ARE TURNED ON.

SPLIT SYSTEM AIR HANDLING UNITS (AHU-1, AHU-2, AHU-3 AND AHU-4)

- A. THE SPLIT SYSTEM SHALL BE CONTROLLED BY A FACTORY FURNISHED, HARD-WIRED, 7-DAY PROGRAMMABLE THERMOSTAT.
- B. UPON LOSS OF NORMAL POWER IN HEATING MODE, THE INDOOR AIR HANDLER SHALL BE POWERED BY THE BACK-UP EMERGENCY GENERATOR AND THE PROPANE-FIRED FURNACE WILL BE UTILIZED TO PROVIDE HEATING FOR THE BUILDING.

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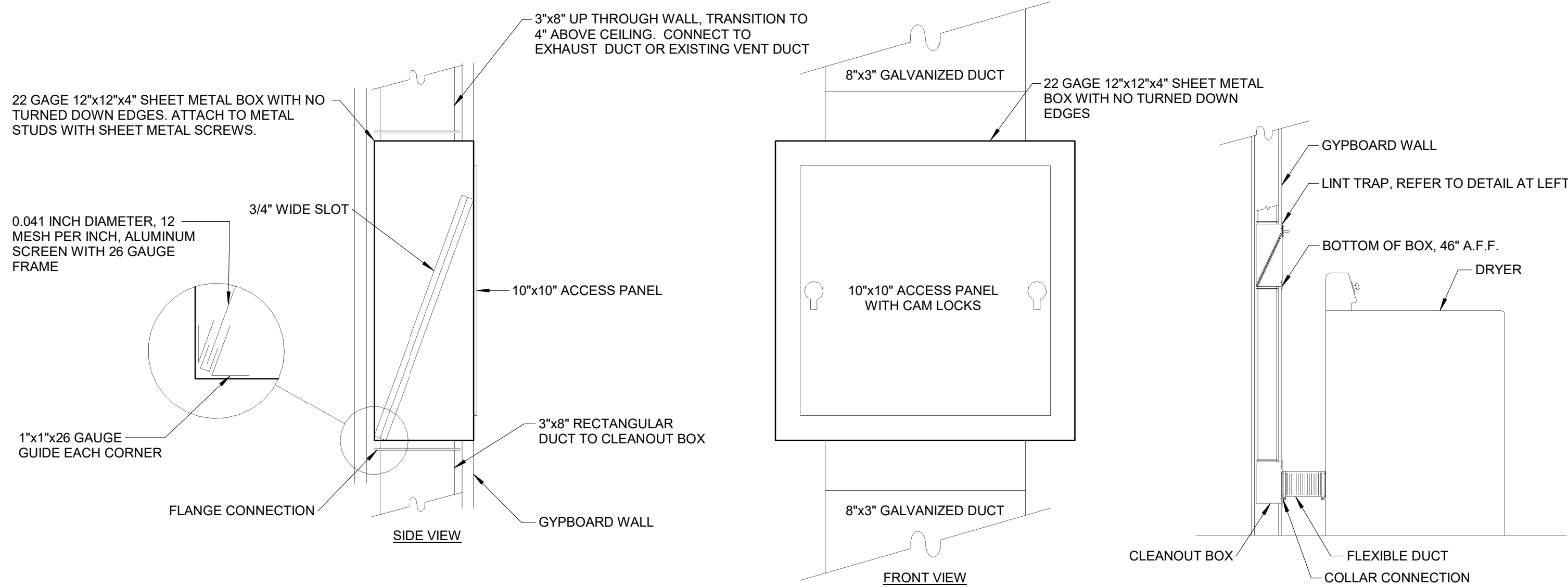
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M002
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Revision Schedule			
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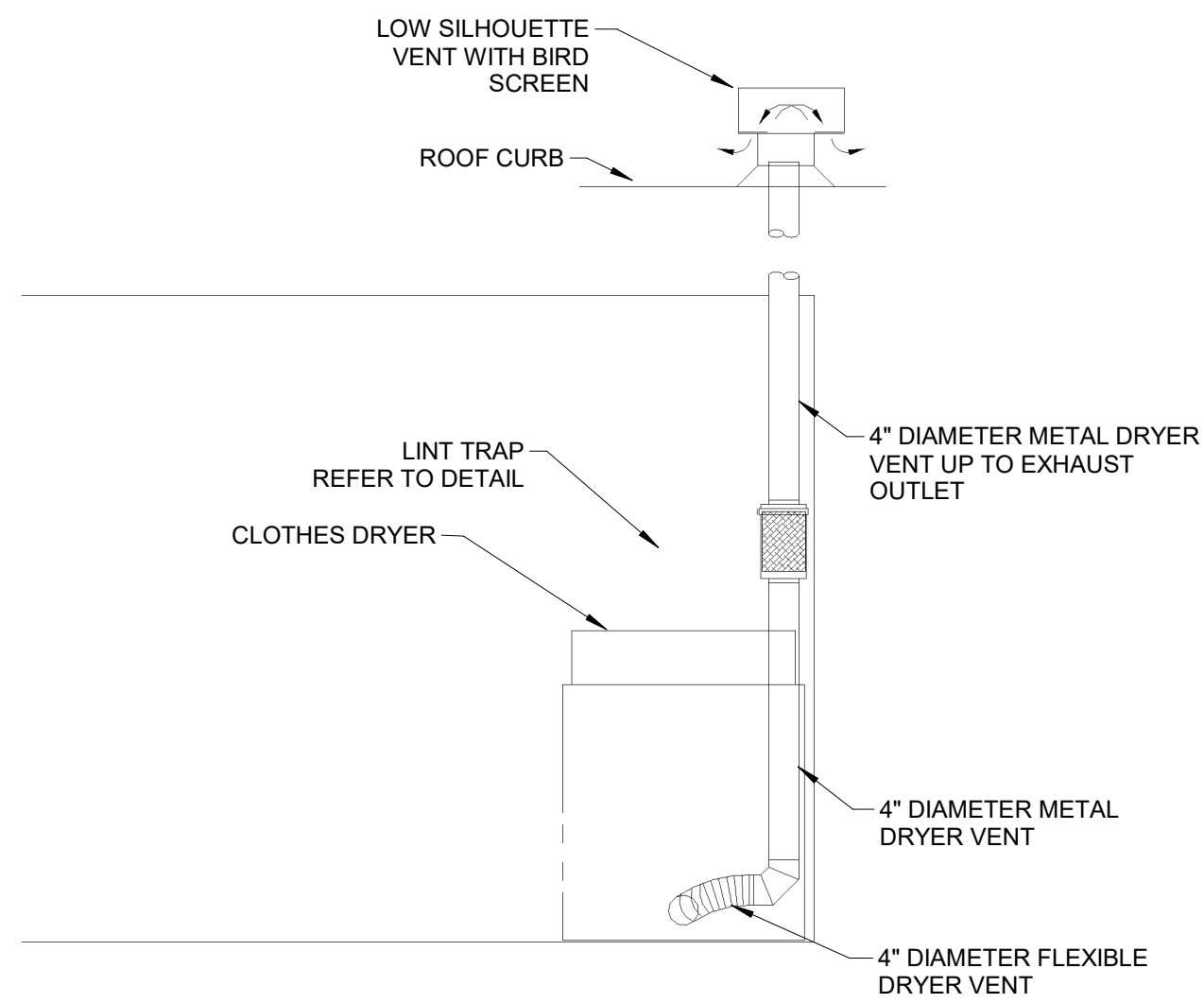
NEW BUILDING
Cord Fire Station
Cord, Arkansas



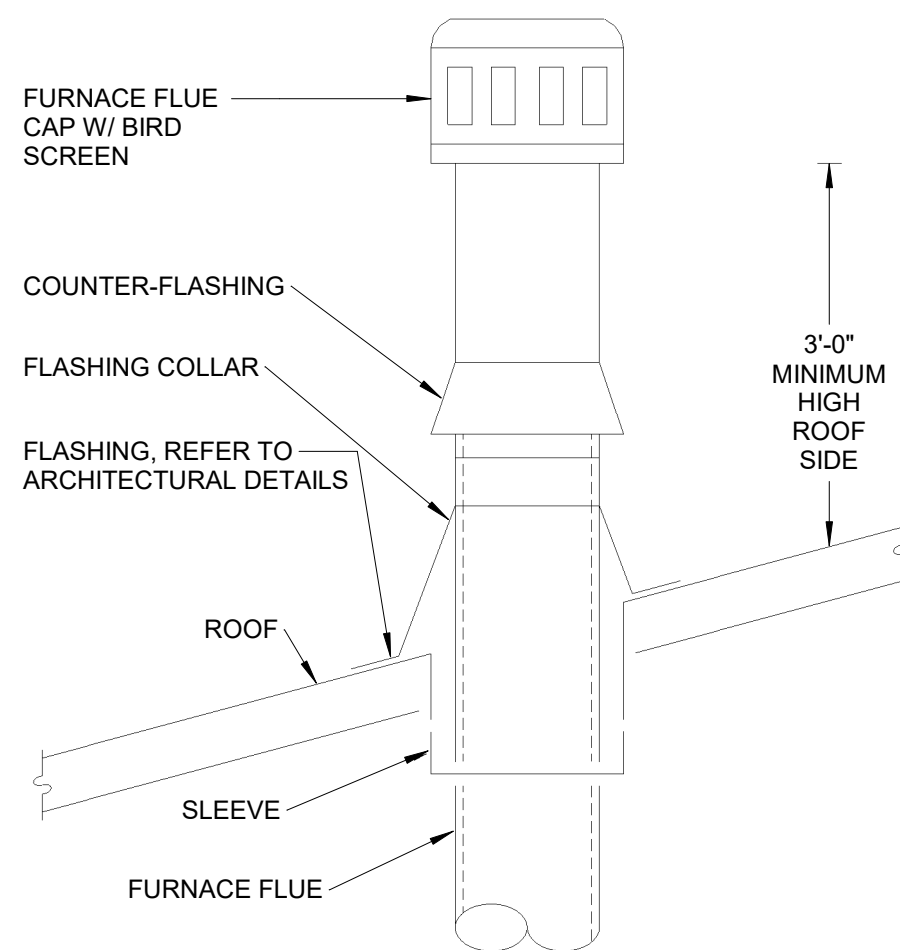
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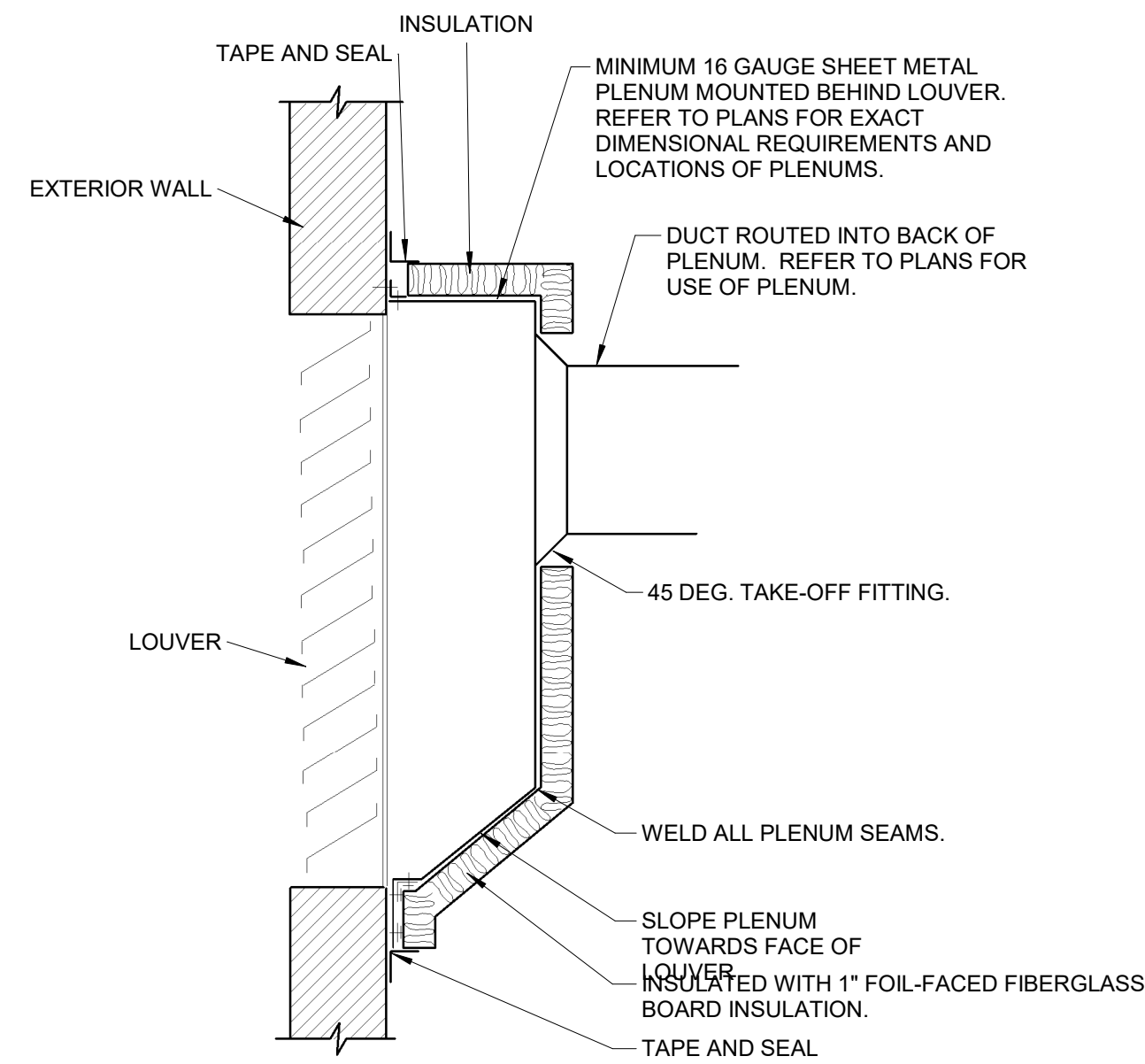
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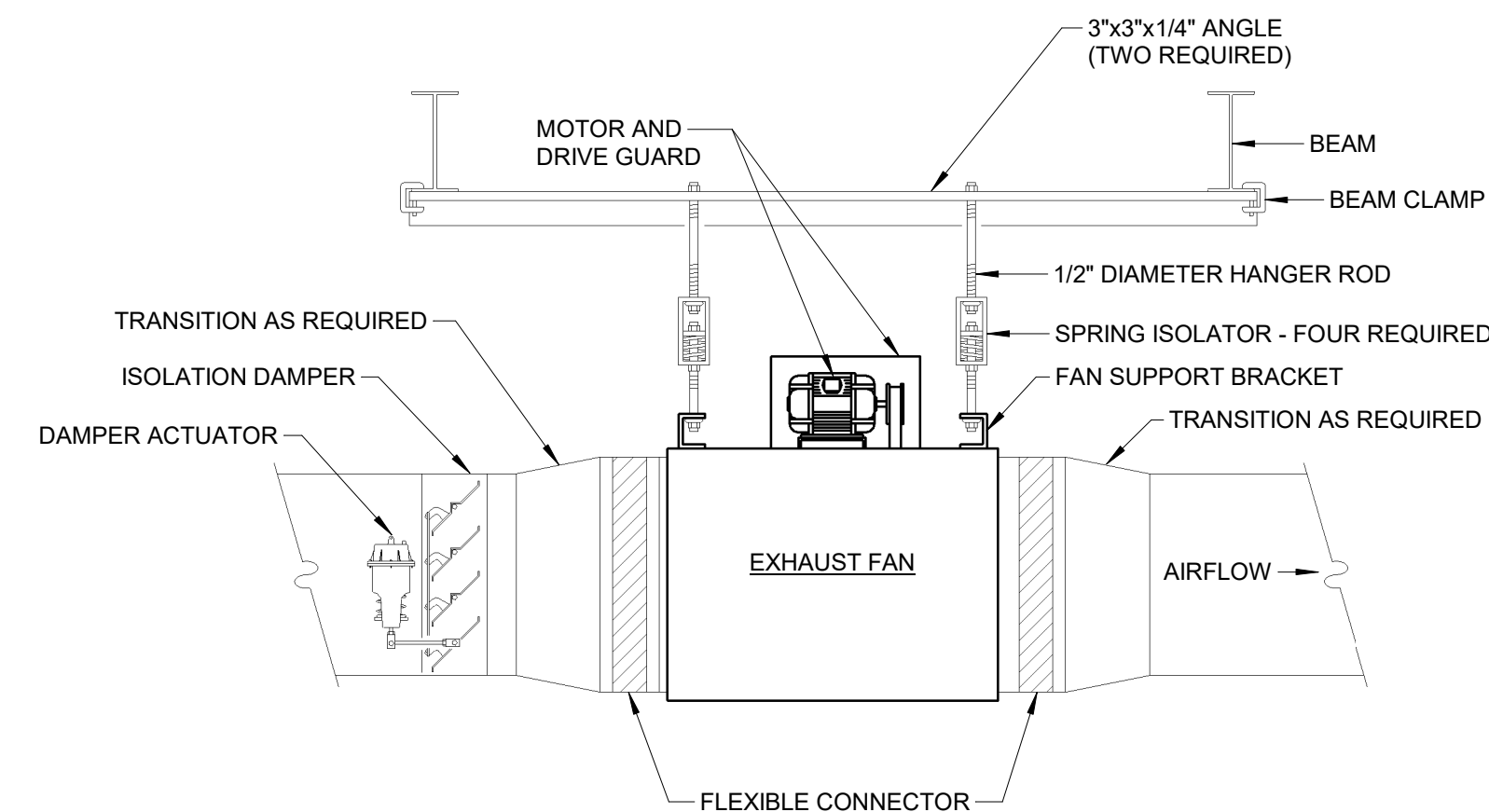
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4 FURNACE FLUE DETAIL
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2 TYPICAL LOUVER CONNECTION
SCALE: NOT TO SCALE:



5 IN-LINE EXHAUST FAN DETAIL
SCALE: NOT TO SCALE:

NEW BUILDING
Cord Fire Station
Cord, Arkansas

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Revision Schedule		
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1	ADDENDUM #2	11/19/2019

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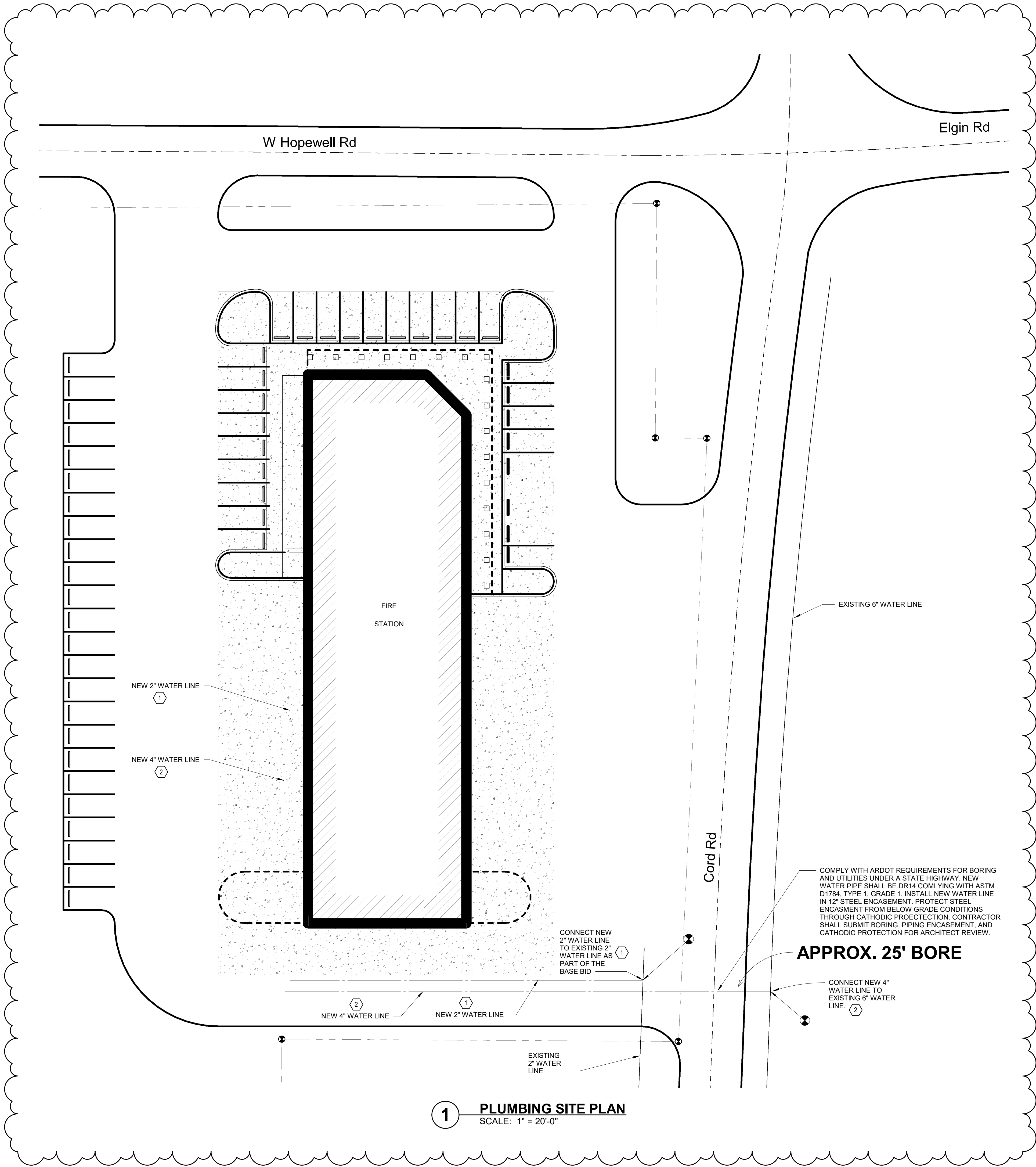


Commission Number
1921
M302
Date: SEPTEMBER 25, 2019

DETAILS - HVAC

100 East Huntington Ave. Suite D P.O. Box 1655
870-932-0571

www.blanchis.com



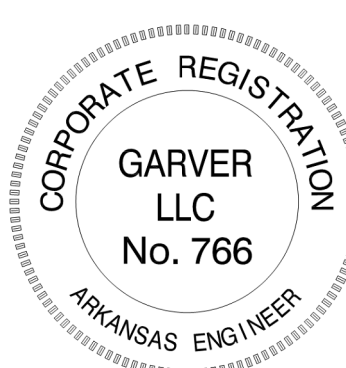
GENERAL NOTES:

1. BASE BID: INCLUDE IN THE BASE BID THE NEW 2" WATER LINE CONNECTED TO THE EXISTING 2" WATER LINE AT THE SOUTHEAST PORTION OF THE SITE. NEW 2" WATER LINE SHALL BE ROUTED TO FP RISER 113.
2. ALTERNATE 8: INCLUDE AS ALTERNATE 8 CONNECTION OF A NEW 4" WATER LINE TO THE EXISTING 6" WATER LINE EAST OF STATE HIGH 122 (CORD ROAD). THE 4" WATER LINE SHALL BE BORED UNDER THE HIGHWAY IN COMPLIANCE WITH ALL ARDOT REQUIREMENTS. THE NEW 4" WATER LINE SHALL BE ROUTED TO FP RISER 113.
3. MINIMUM DEPTH OF SITE WATER LINES SHALL BE 36".
4. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO THE START OF WORK.
5. CONTRACTOR SHALL OBTAIN ALL RQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF SITE WORK AND CONNECTION TO EXISTING UTILITIES.

KEYED NOTES:

- 1 SCOPE OF WORK IS PART OF THE BASE BID.
- 2 SCOPE OF THE WORK IS PART OF ALTERNATE 8.

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Bradley S. Bradshaw

Commission Number
1921

P001

Date: SEPTEMBER 25, 2019



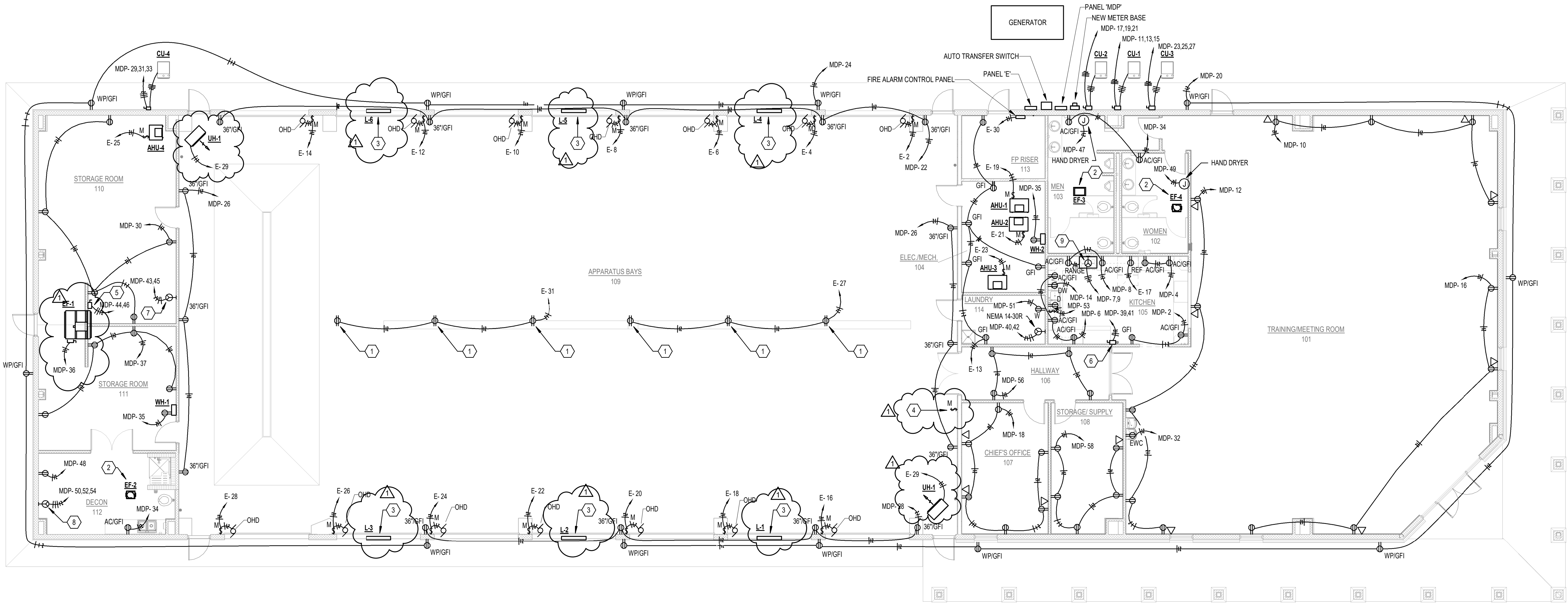
NEW BUILDING
Cord Fire Station
Cord, Arkansas

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ELECTRICAL EQUIPMENT SCHEDULE						
MARK	DESCRIPTION	VOLTAGE/PHASE	MCA	MOCP	CIRCUIT	DISCONNECT
AHU-1	INDOOR AIR UNIT	120V/1-PHASE	14.1 A	15 A	3/4"C-1#12,1#12(N)1#12(G)	MOTOR RATED TOGGLE SWITCH
AHU-2	INDOOR AIR UNIT	120V/1-PHASE	14.1 A	15 A	3/4"C-1#12,1#12(N)1#12(G)	MOTOR RATED TOGGLE SWITCH
AHU-3	INDOOR AIR UNIT	120V/1-PHASE	14.1 A	15 A	3/4"C-1#12,1#12(N)1#12(G)	MOTOR RATED TOGGLE SWITCH
AHU-4	INDOOR AIR UNIT	120V/1-PHASE	7.9 A	15 A	3/4"C-1#12,1#12(N)1#12(G)	MOTOR RATED TOGGLE SWITCH
CU-1	OUTDOOR HVAC UNIT	208V/3-PHASE	21 A	35 A	3/4"C-3#8,1#10(G)	60A/3P, NON-FUSIBLE, NEMA 3R
CU-2	OUTDOOR HVAC UNIT	208V/3-PHASE	21 A	35 A	3/4"C-3#8,1#10(G)	60A/3P, NON-FUSIBLE, NEMA 3R
CU-3	OUTDOOR HVAC UNIT	208V/3-PHASE	21 A	35 A	3/4"C-3#8,1#10(G)	60A/3P, NON-FUSIBLE, NEMA 3R
CU-4	OUTDOOR HVAC UNIT	208V/3-PHASE	12 A	20 A	3/4"C-3#12,1#12(G)	30A/3P, NON-FUSIBLE, NEMA 3R
UH-1	GAS UNIT HEATER	120V/1-PHASE	7.5 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	INTEGRAL TO UNIT
UH-2	GAS UNIT HEATER	120V/1-PHASE	7.5 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	INTEGRAL TO UNIT
EF-1	EXHAUST FAN (2 HP)	120V/1-PHASE	30 A	45 A	1"C-1#8,1#8(N)1#10(G)	NEMA SIZE 1, COMBONATION STARTER DISC.
EF-2	EXHAUST FAN	120V/1-PHASE	1.1 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	INTEGRAL TO UNIT
EF-3	EXHAUST FAN	120V/1-PHASE	1.3 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	INTEGRAL TO UNIT
EF-4	EXHAUST FAN	120V/1-PHASE	1.1 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	INTEGRAL TO UNIT
WH-1	WATER HEATER	120V/1-PHASE	1 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	CORD AND PLUG
WH-2	WATER HEATER	120V/1-PHASE	1 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	CORD AND PLUG
OHD	OVERHEAD DOOR	120V/1-PHASE	12.5 A	20 A	3/4"C-1#12,1#12(N)1#12(G)	MOTOR RATED TOGGLE SWITCH
	FIRE PUMP (25 HP)	208V/3-PHASE	97.75 A	-	1-1/2"C-3#1,1#5(G)	INTEGRAL TO FIRE PUMP CONTROLLER
	JOCKEY PUMP (.5 HP)	208V/3-PHASE	3.2 A	20 A	3/4"C-3#12,1#12(G)	INTEGRAL TO JOCKEY PUMP CONTROLLER

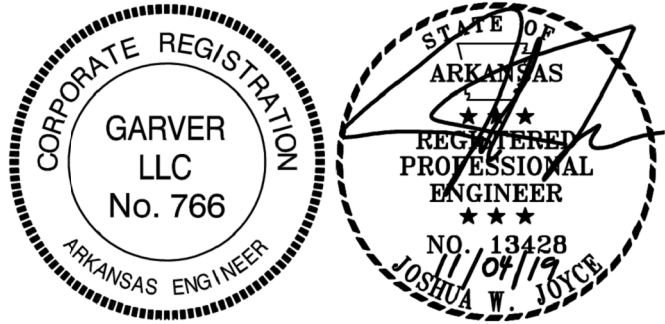
ELECTRICAL KEYNOTES

- 1 CEILING MOUNTED GFCI RECEPTACLE MOUNTED AT STRUCTURE FOR OWNER PROVIDED CORD REEL.
- 2 POWER SWITCH EXHAUST FAN WITH HOODING IN THE SPACE.
- 3 INTERLOCK LOUVERS WITH EXHAUST FAN EF-1. ALL LOUVERS SHALL OPEN WHEN THE FAN IS ON.
- 4 MANUAL ON/OFF CONTROL SWITCH FOR EF-1.
- 5 30A/2P, NON-FUSIBLE, NEMA 1 DISCONNECT FOR OWNER PROVIDED CONTRACTOR INSTALLED AIR COMPRESSOR COORDINATE THE EXACT LOCATION AND CIRCUIT SIZE WITH OWNER PROVIDED EQUIPMENT PRIOR TO INSTALLATION.
- 6 30A/2P, NON-FUSIBLE, NEMA 1 DISCONNECT FOR OWNER PROVIDED CONTRACTOR INSTALLED ICE MAKER. COORDINATE THE EXACT LOCATION AND CIRCUIT SIZE WITH OWNER PROVIDED EQUIPMENT PRIOR TO INSTALLATION.
- 7 30A/2P, 120/208V RECEPTACLE FOR OWNER PROVIDED POWER WASHER. COORDINATE EXACT NEMA CONFIGURATION WITH EQUIPMENT PROVIDED PRIOR TO INSTALLATION.
- 8 30A/3P, 208V RECEPTACLE FOR OWNER PROVIDED COMERCIAL CLOTHS DRYER. COORDINATE THE EXACT NEMA CONFIGURATION AND CIRCUIT SIZE WITH EQUIPMENT PROVIDED PRIOR TO INATALLATION.
- 9 PROVIDE POWER TO RANGE HOOD FROM THE NEAREST RECEPTACLE CIRCUIT. RANGE ELECTRICAL CIRCUIT SHALL PASS THROUGH THE ELECTRIC RANGE ELEMEND DISCONNECT RELAY PROVIDED WITH THE RANGE HOOD.



ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

Revision Schedule		Issued	by
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1	ADDENDUM #2	11/19/2019	



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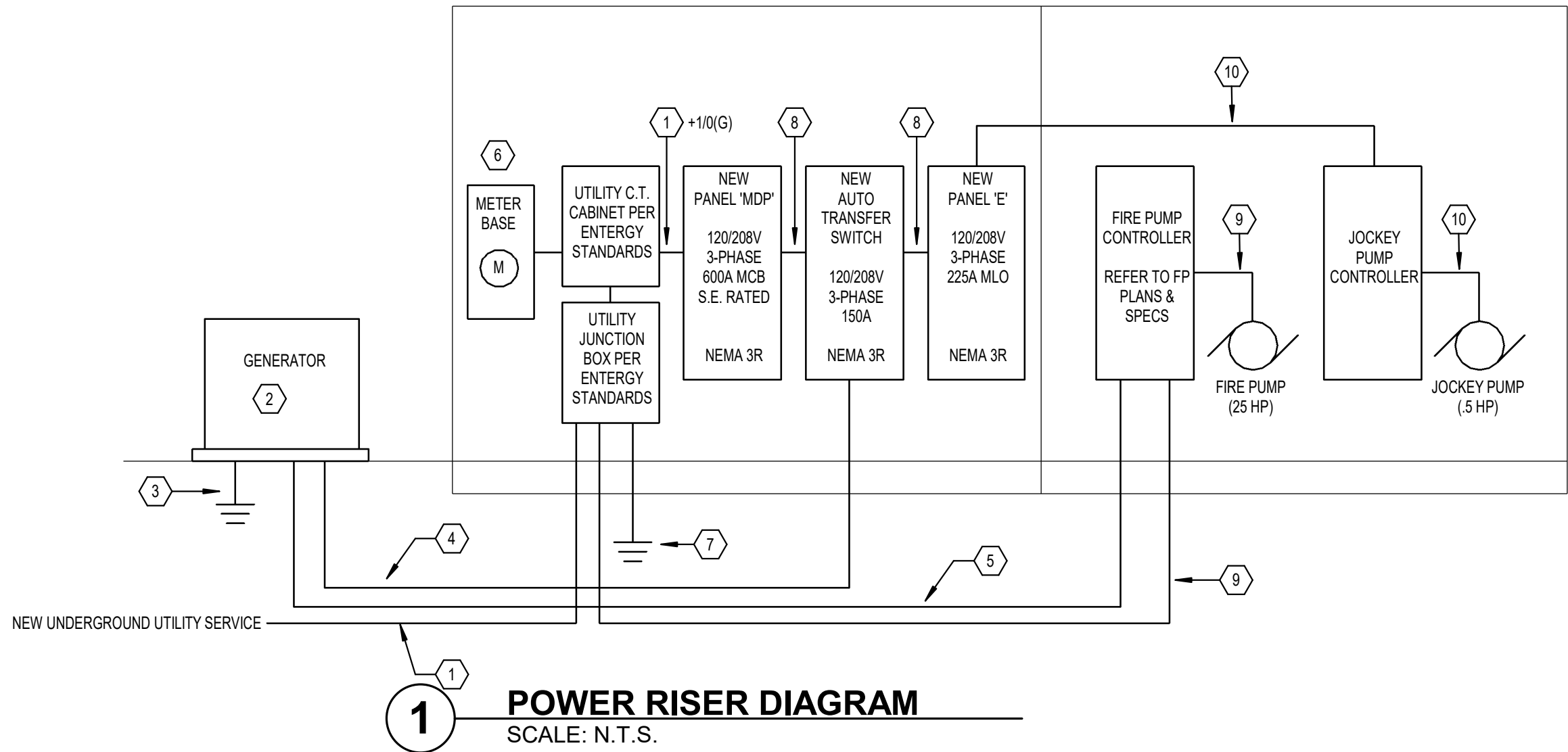
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**BRACKETT
KRENNERICH**
architects

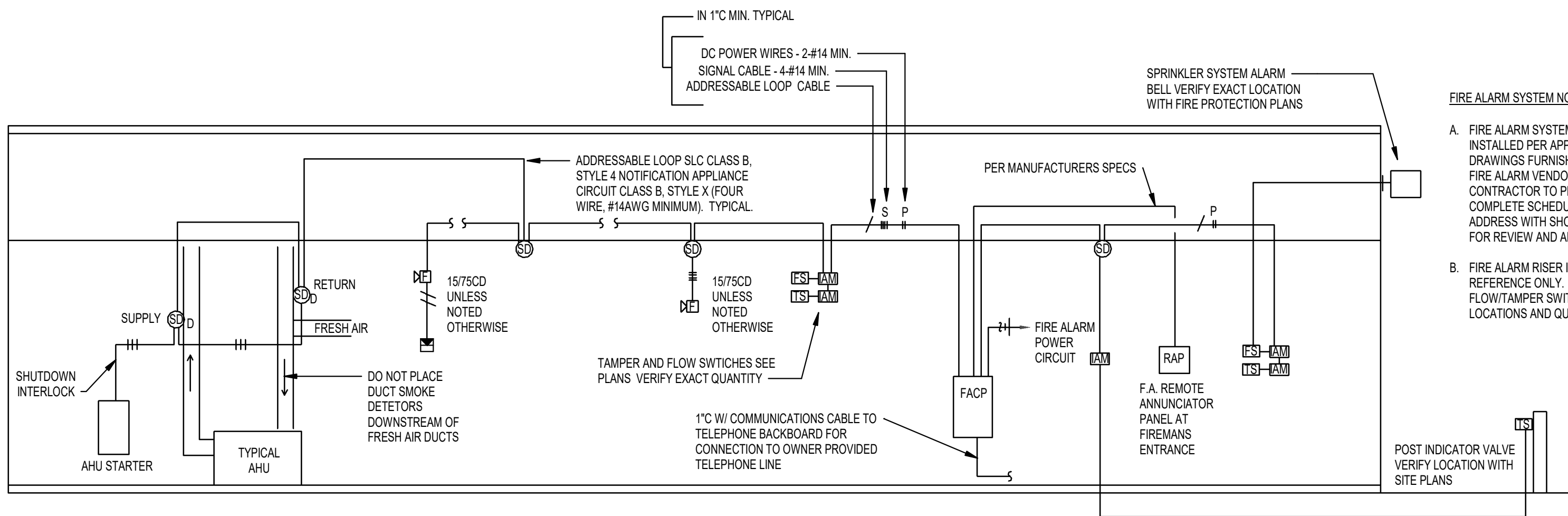
NEW BUILDING
Cord Fire Station
Cord, Arkansas

PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:						
MDP		120/208 Wye		3		4		100.00%		PANEL 'MDP'						
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:						
600 A MCB		SURFACE		84												
CKT	DESCRIPTION			BRKR	WIRE	A		B		C		WIRE	BRKR	DESCRIPTION	CKT	
1						12415	360					12	20A	RCPT - KITCHEN 105	2	
3	PANEL 'E'			150A	1/0			11390	360			12	20A	RCPT - KITCHEN 105	4	
5										10950	540	12	20A	RCPT - KITCHEN 105	6	
7	RANGE			30A	10	2250	960					12	20A	RCPT - KITCHEN 105 & RANGE HOOD	8	
9								2250	720			12	20A	RCPT - TRAINING 101	10	
11										2367	900	12	20A	RCPT - TRAINING 101	12	
13	CU-1			35A	8	2367	1000					12	20A	DISHWASHER	14	
15								2367	720			12	20A	RCPT - TRAINING 101	16	
17										2367	1080	12	20A	RCPT - OFFICE 107, STORAGE 108	18	
19	CU-2			35A	8	2367	1080					12	20A	RCPT - EXTERIOR	20	
21								2367	900			12	20A	RCPT - BAY 109	22	
23										2367	1080	12	20A	RCPT - EXTERIOR	24	
25	CU-3			35A	8	2367	1080					12	20A	RCPT - BAY 109	26	
27								2367	720			12	20A	RCPT - BAY 109	28	
29										1333	900	12	20A	RCPT - STORAGE	30	
31	CU-4			20A	12	1333	454					12	20A	EV-1	32	
33								1333	540			12	20A	RCPT - RESTROOMS	34	
35	WH-1 & WH-2			20A	10					360	2880	8	45A	EF-1	36	
37	RCPT - STORAGE 111			20A	12	720	0							20A	SPARE	38
39	ICE MACHINE			30A	10			1300	1000			10	30A	DRYER	40	
41										1300	1000					42
43	OWNER PROVIDED POWER WASHER			30A	10	1650	3360					8	60A	OWNER PROVIDED AIR COMPRESSOR	44	
45								1650	3360							46
47	HAND DRYER			20A	12					500	180	12	20A	OWNER PROVIDED WASHER	48	
49	HAND DRYER			20A	12	500	667									50
51	WASHING MACHINE			20A	12			1000	667			8	30A	OWNER PROVIDED DRYER	52	
53	DISPOSER			20A	12					1180	667					54
55	SPARE			20A		0	720					12	20A	RCPT - HALLWAY 106	56	
57	SPARE			20A				0	900			12	20A	RCPT - STORAGE 108	58	
59	SPARE			20A						0	0		20A	SPARE	60	
61	SPARE			20A		0	0						20A	SPARE	62	
63	SPARE			20A				0	0				20A	SPARE	64	
65	SPARE			20A						0	0		20A	SPARE	66	
67	SPARE			20A		0	0						20A	SPARE	68	
69	SPARE			20A				0	0				20A	SPARE	70	
71	SPARE			20A						0	0		20A	SPARE	72	
73	SPARE			20A		0	0						20A	SPARE	74	
75	SPACE							0	0					SPACE	76	
77	SPACE									0	0			SPACE	78	
79	SPACE					0	0							SPACE	80	
81	SPACE							0	0					SPACE	82	
83	SPACE									0	0			SPACE	84	
Total Load:						35597 VA		35890 VA		31886 VA						
Total Amps:						301 A		304 A		266 A						
NOTES:																

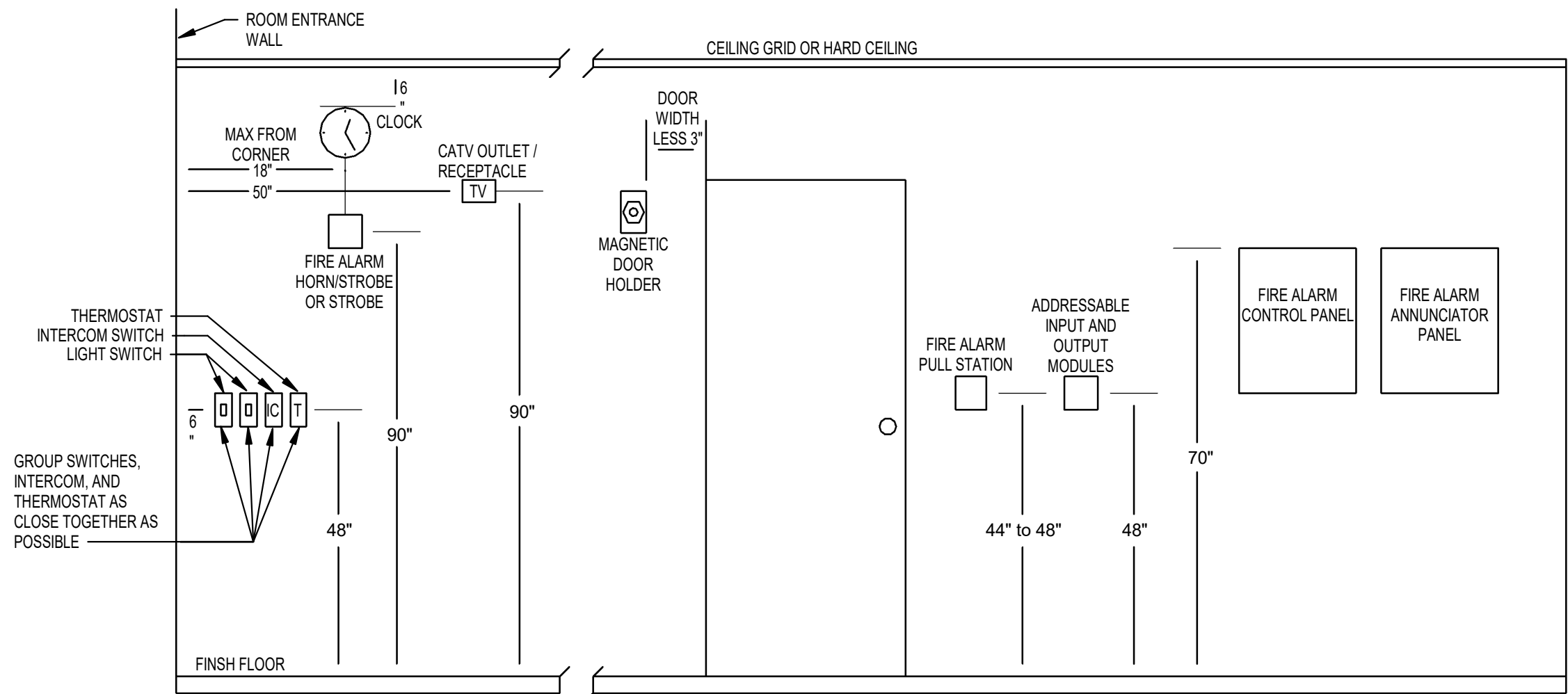
PANEL NAME:		VOLTAGE:		PHASE:		WIRE:		NEUTRAL RATING:		PANEL DESCRIPTION:					
E		120/208 Wye		3		4		100.00%		PANEL 'E'					
MAINS:		MOUNTING:		MAX NO. OF CIRCUITS		MANUFACTURER:		PANEL AIC RATING:		LOCATION:					
225 A MLO		SURFACE		42		SQUARE D NQ		10k AIC							
CKT	DESCRIPTION			BRKR	WIRE	A		B		C		WIRE	BRKR	DESCRIPTION	CKT
1	LGTS - TRAINING/MEETING 101			20A	12	1362	1176					12	20A	OVERHEAD DOOR	2
3	LGTS - OFFICE/RESTROOM			20A	12			1563	1176			12	20A	OVERHEAD DOOR	4
5	LGTS - APPARATUS BAY 109			20A	12					1380	1176	12	20A	OVERHEAD DOOR	6
7	LGTS - APPARATUS BAY 109			20A	12	1338	1176					12	20A	OVERHEAD DOOR	8
9	LGTS - APPARATUS BAY 109			20A	12			1380	1176			12	20A	OVERHEAD DOOR	10
11	LGTS - EXTERIOR			20A	12					1134	1176	12	20A	OVERHEAD DOOR	12
13	RCPT - MECH 104			20A	12	1080	1176					12	20A	OVERHEAD DOOR	14
15	LGTS - STORAGE			20A	12			661	1176			12	20A	OVERHEAD DOOR	16
17	REFRIGERATOR			20A	12					1000	1176	12	20A	OVERHEAD DOOR	18
19	AHU-1			20A	12	1296	1176					12	20A	OVERHEAD DOOR	20
21	AHU-2			20A	12			1296	1176			12	20A	OVERHEAD DOOR	22
23	AHU-3			20A	12					1296	1176	12	20A	OVERHEAD DOOR	24
25	AHU-4			20A	12	1000	1176					12	20A	OVERHEAD DOOR	26
27	RCPT CEILING - BAY 109			20A	12			540	1176			12	20A	OVERHEAD DOOR	28
29	UH-1 & UH-2			20A	12					1000	500	12	20A	FIRE ALARM CONTROL PANEL	30
31	RCPT CEILING - BAY 109			20A	12	540	300								32
33	SPARE			20A				0	300			12	20A	JOCKEY PUMP (.5 HP)	34
35	SPARE			20A						0	300				36
37	SPARE			20A		0	0					20A	SPARE		38
39	SPARE			20A				0	0			20A	SPARE		40
41	SPARE			20A						0	0	20A	SPARE		42
Total Load:						12415 VA		11390 VA		10950 VA					
Total Amps:						104 A		95 A		91 A					
NOTES:															



- POWER RISER KEYED NOTES:
- 1 NEW 800A, 120/208V ELECTRICAL SEVRVICE; (2-SETS) 3"C-4# 359KCMIL
 - 2 NEW 125KW/115KVA PROPANE STANDBY GENERATOR
 - 3 GENERATOR GROUNDING; #6 COPPER GROUNDING ELECTRODE CONDUCTOR TO 3/4"x10' COPPER-CLAD STEEL GROUND ROD.
 - 4 150A STANDBY GENERATOR FEEDER; 2"C-3#1/0,1#1/0(N),1#6(G), FED FROM 150A OUTPUT BREAKER AT GENERATOR
 - 5 FIRE PUMP GENERATOR FEEDER; 2"C-3#10,1#6(G) FED DIRECTLY FROM 200A OUTPUT BREAKER AT GENERATOR
 - 6 NEW ELECTRICAL METER PER UTILITY STANDARDS.
 - 7 ELECTRICAL SERVICE GROUNDING; #10 COPPER GROUNDING ELECTRODE CONDUCTOR IN 3/4" CONDUIT TO 3/4"x10' COPPER-CLAD STEEL GROUNDING ROD.
 - 8 NORMAL/STANDBY POWER FEEDER TO ATS AND PANEL 'E'; 2"C-3# 1/0,1#1/0(N),1#6(G)
 - 9 FIRE PUMP NORMAL POWER FEEDER; 1-1/2"C-3#1,1#6(G)
 - 10 JOCKEY PUMP FEEDER; 3/4"C-3#12,1#12(G)

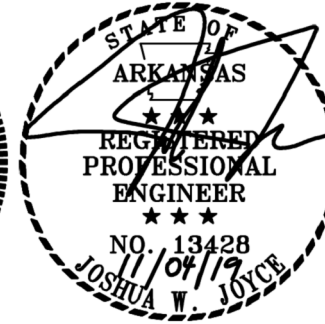


- FIRE ALARM SYSTEM NOTES
- A. FIRE ALARM SYSTEM TO BE INSTALLED PER APPROVED SHOP DRAWINGS FURNISHED BY THE FIRE ALARM VENDOR. CONTRACTOR TO PROVIDE A COMPLETE SCHEDULE OF DEVICE ADDRESS WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL.
 - B. FIRE ALARM RISER IS FOR REFERENCE ONLY. VERIFY ALL FLOW/TAMPER SWITCH LOCATIONS AND QUANTITIES.



3 TYPICAL DEVICE HEIGHTS DETAIL
SCALE: N.T.S.

Addendum #2
November 19, 2019
11 of 11



Commission Number
1921
E302
Date: SEPTEMBER 25, 2019

NEW BUILDING
Cord Fire Station
Cord, Arkansas

**BRACKETT
KRENNERICH**
architects

Revision Schedule		Issued by	
Tag	Rev. Description	Rev. Date	
1	ADDENDUM #2	11/19/2019	