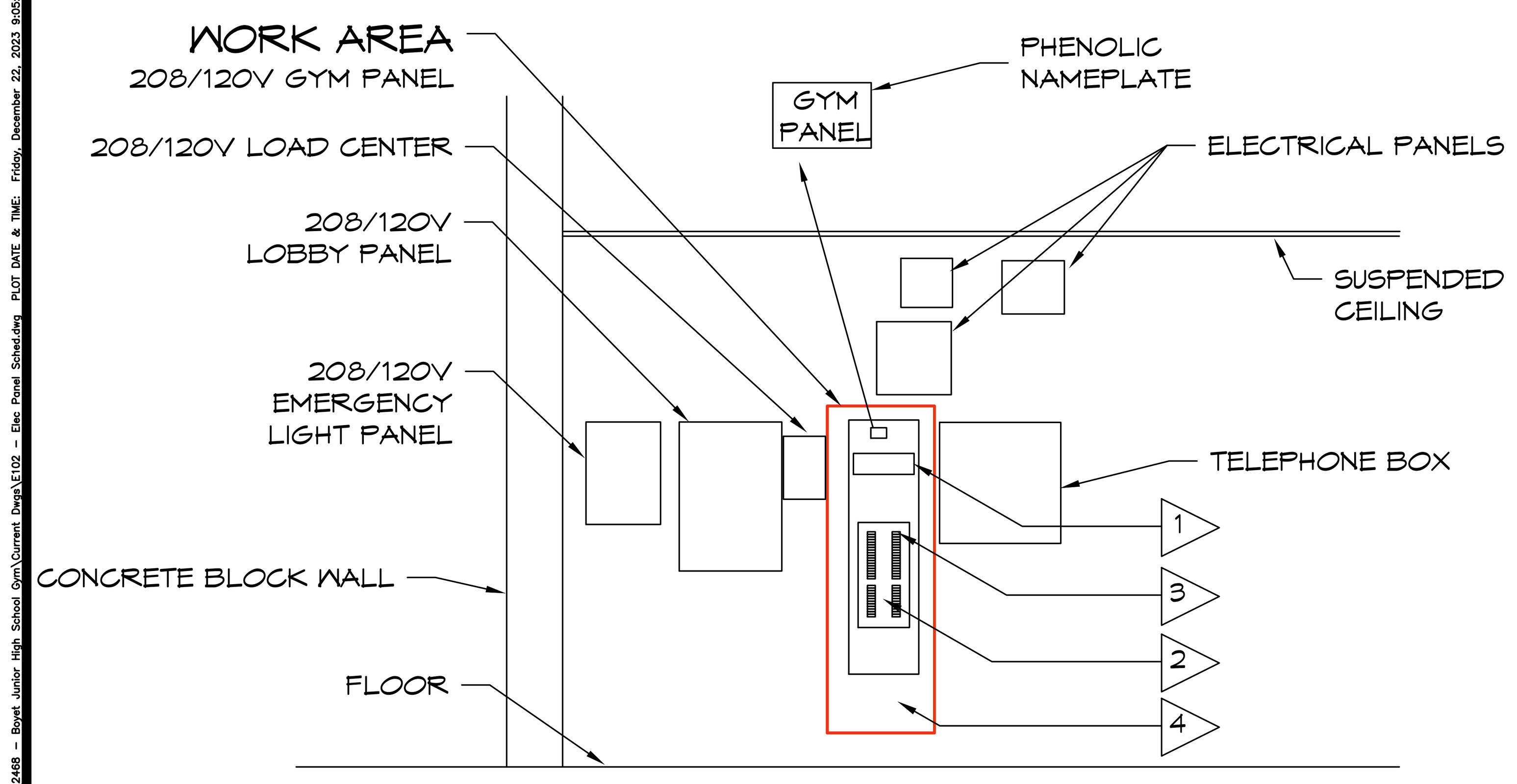
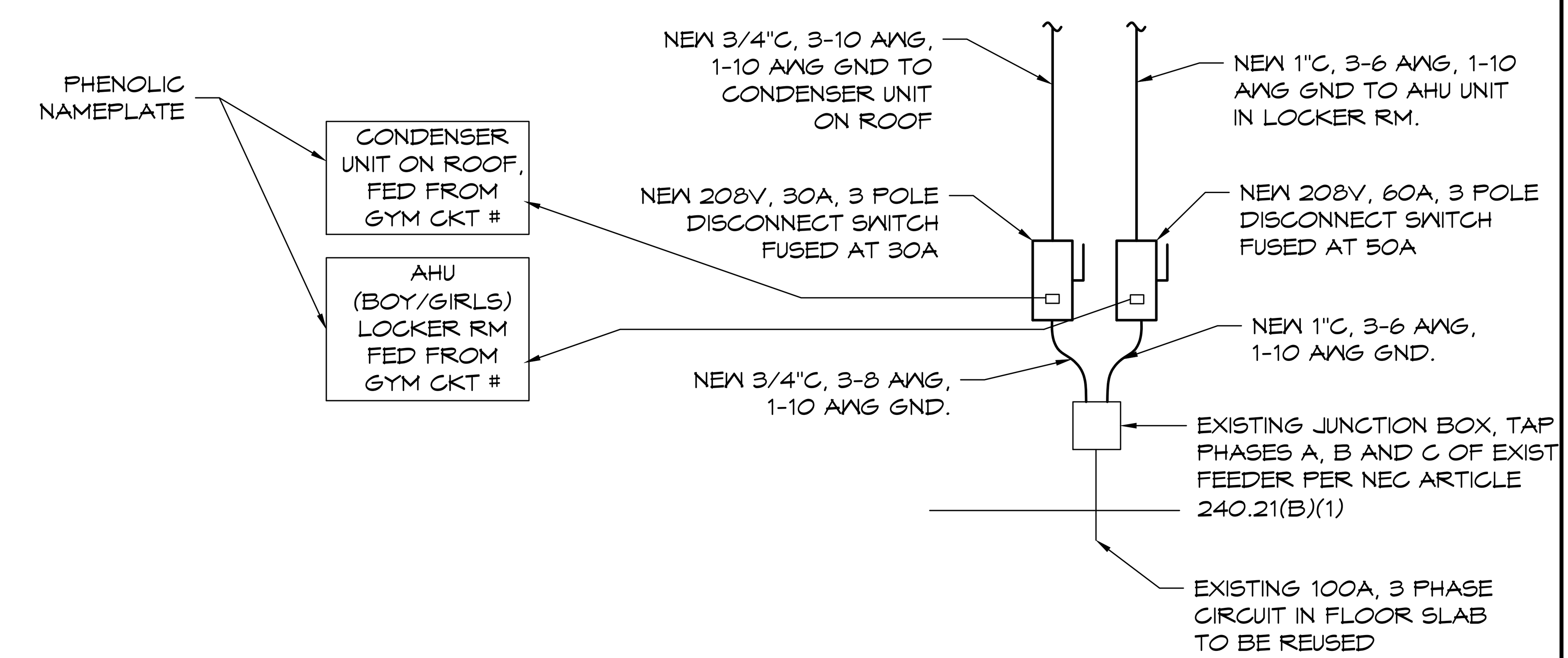


A ELEVATION
SCALE: NONE
E101 E102

RECONDITION ELECTRICAL PANEL AS FOLLOWS:
LOCK OUT AND TAG OUT DISCONNECT SWITCH FOR PANEL AT SERVICE ENTRANCE.
THOROUGHLY INSPECT, CLEAN AND VACUUM INTERIOR OF PANEL.
INSPECT AND TIGHTEN ANY LOOSE CONNECTIONS.
EXERCISE EACH BREAKER BY OPERATING THE TRIP HANDLE 6 TIMES. REPLACE ANY BREAKERS THAT DO NOT OPERATE SMOOTHLY

1. FABRICATE NEW SHEET METAL COVER TO REPLACE MISSING COVER AT TOP OF PANEL, TO PROTECT FROM ACCIDENTAL CONTACT WITH EXPOSED BUS.
2. REMOVE EXISTING HOME MADE SURROUND PLATE FROM LOWER BREAKERS AND FABRICATE NEW SHEET METAL PLATE TO REPLACE EXISTING.
3. INSTALL NEW BLANKING PLATES TO COVER OPENINGS FROM MISSING BREAKERS.
4. UPDATE PANEL SCHEDULE TO REFLECT CHANGES, SECURE OUTER COVER OF PANEL TO BOX WITH SELF TAPPING SHEET METAL SCREWS. PAINT PANEL COVER AND INTERIOR TRIM LIGHT GRAY ENAMEL



B DETAIL
SCALE: NONE
E101 E102

PANEL SCHEDULE

PANEL: GYM
LOCATION: EQUIPMENT ROOM
FEEDER SOURCE: DISCONNECT SWITCH AT SERVICE ENTRANCE
VOLTAGE: 208/120V, 600 A, 3 PHASE, 4 WIRE
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR, WESTINGHOUSE TYPE WBA

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1		RECEPTACLES IN GYM	20	1			1	20	30A DISCONNECT SWITCH IN WASH ROOM		2
3		EMERGENCY LIGHTS AND RECEPT	20	1			1	20	30A DISCONNECT SWITCH IN WASH ROOM		4
5		GYM MAIN LIGHTS	25	1			1	25	GYM MAIN LIGHTS		6
7		GYM MAIN LIGHTS	30	1			1	25	GYM MAIN LIGHTS		8
9		GYM MAIN LIGHTS	25	1			1	25	GYM MAIN LIGHTS		10
11							1	25	GYM MAIN LIGHTS		12
13		DISCONNECT SWITCH EAST SIDE BLEACHERS	30	3			1	25	GYM MAIN LIGHTS		14
15							2	60	EXHAUST FAN		16
17											18
19		EXISTING LOAD	15	3							20
21							3	100	PANEL IN CONCESSION STAND		22
23											24
25		LOBBY PANEL	100	3			1	15	FIRE ALARM		26
27									SPACE		28
29		SPACE							SPACE		30
31		SPACE							SPACE		32
33		SPACE							SPACE		34
35		SPACE							SPACE		36
37							1	25	SCORE BOARD		38
39		~~CONDENSER UNIT, FRONT GYM~~	100	3					SPACE		40
41							2	70	SPARE		42
43											44
45		~~HEATER, LEFT SIDE NEAR BOY'S LOCKER ROOM~~	100	3			2	60	SPARE		46
47											48
49											50
51		DRYER	100	3			3	100	~~CONDENSER UNIT REAR GYM~~		52
53											54
55											56
57		DISCONNECT SWITCH WEST SIDE BLEACHERS	30	3			3	100	~~HEATER, RIGHT SIDE NEAR GIRL'S LOCKER ROOM~~		58
59											60
61		SPACE							SPACE		62
63		SPACE							SPACE		64

SOLID NEUTRAL NEUTRAL WIRE (W) | TOTAL CONNECTED LOAD (VA) = #### | GROUND BUS GROUND WIRE (G)
AΦ = #### | BΦ = #### | BΦ = ####

REMOVE EXISTING CIRCUIT BREAKERS

EXISTING ARRANGEMENT

PANEL SCHEDULE

PANEL: GYM
LOCATION: EQUIPMENT ROOM
FEEDER SOURCE: DISCONNECT SWITCH AT SERVICE ENTRANCE
VOLTAGE: 208/120V, 600 A, 3 PHASE, 4 WIRE
ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR, EATON POW-R-LINE

CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION / LOCATION	BREAKER AMP	BREAKER POLE	LOAD (VA)	LOAD (VA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION / LOCATION	THHN WIRE SIZE	CKT NO
1		RECEPTACLES IN GYM	20	1			1	20	30A DISCONNECT SWITCH IN WASH ROOM		2
3		EMERGENCY LIGHTS AND RECEPT	20	1			1	20	30A DISCONNECT SWITCH IN WASH ROOM		4
5		GYM MAIN LIGHTS	25	1			1	25	GYM MAIN LIGHTS		6
7		GYM MAIN LIGHTS	30	1			1	25	GYM MAIN LIGHTS		8
9		GYM MAIN LIGHTS	25	1			1	25	GYM MAIN LIGHTS		10
11							1	25	GYM MAIN LIGHTS		12
13		DISCONNECT SWITCH EAST SIDE BLEACHERS	30	3			1	25	GYM MAIN LIGHTS		14
15							2	60	EXHAUST FAN		16
17											18
19		EXISTING LOAD	15	3							20
21							3	100	PANEL IN CONCESSION STAND		22
23											24
25		LOBBY PANEL	100	3			1	15	FIRE ALARM		26
27									SPACE		28
29		SPACE							SPACE		30
31		SPACE							SPACE		32
33		SPACE							SPACE		34
35		SPACE							SPACE		36
37					7500		1	25	SCORE BOARD		38
39	#2	PACKAGE HVAC UNIT, FRONT GYM	100	3	7500	180	1	20	RECEPTACLE AT MINI-SPLIT	#12	40
41					7500	3026	2	35	MINI SPLIT #1	#10	42
43					7877	3026					44
45		HVAC UNIT AND CONDENSER, LEFT SIDE. BOY'S LOCKER ROOM	100	3	7877	1685	2	20	MINI SPLIT #2	#12	46
47					7877	1685					48
49						7500					50
51		DRYER	100	3		7500	3	100	PACKAGE HVAC UNIT, REAR GYM	#1	52
53						7500					54
55						7877					56
57		DISCONNECT SWITCH WEST SIDE BLEACHERS	30	3		7877	3	100	HVAC UNIT AND CONDENSER, RIGHT SIDE, GIRL'S LOCKER ROOM		58
59						7877					60
61		SPACE							SPACE		62
63		SPACE							SPACE		64

SOLID NEUTRAL NEUTRAL WIRE (W) | TOTAL CONNECTED LOAD (VA) = #### | GROUND BUS GROUND WIRE (G)
AΦ = #### | BΦ = #### | BΦ = ####

REUSE EXISTING CIRCUIT BREAKERS

NEW CIRCUIT BREAKERS

REUSE EXISTING CIRCUIT BREAKERS

NEW ARRANGEMENT

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REVISIONS
#	DESCRIPTION	DATE

SEAL:
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BRIAN A. MISTICH
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PROFESSIONAL ENGINEER
3/21/2023

MECHANICAL RENOVATIONS
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59295 Rebel Dr,
Slidell, LA 70461

JOB No: 2468 | DATE: 3-7-2023
DRAWN BY: DD/JTL | CHECKED BY: BAM

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SHEET TITLE:
ELECTRICAL PANEL SCHEDULES,

DRAWING NUMBER:
E102

SHEET No: 9 of 9