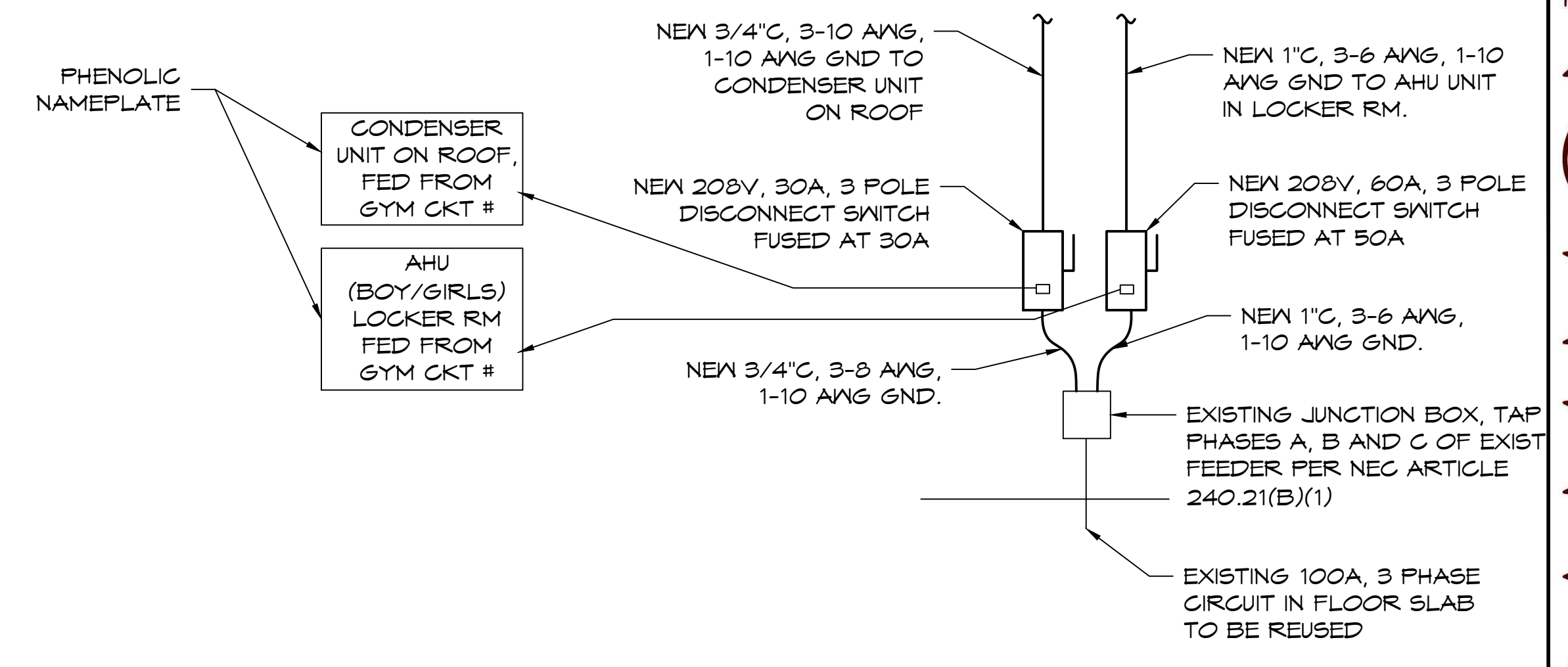


A ELEVATION
SCALE: NONE

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

- ▷ FABRICATE NEW SHEET METAL COVER TO REPLACE MISSING COVER AT TOP OF PANEL, TO PROTECT FROM ACCIDENTAL CONTACT WITH EXPOSED BUS.
- ▷ REMOVE EXISTING HOME MADE SURROUND PLATE FROM LOWER BREAKERS AND FABRICATE NEW SHEET METAL PLATE TO REPLACE EXISTING.
- ▷ INSTALL NEW BLANKING PLATES TO COVER OPENINGS FROM MISSING BREAKERS.
- ▷ 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



1 DETAIL
SCALE: NONE

PANEL SCHEDULE												
PANEL: GYM			VOLTAGE: 208/120V, 600 A, 3 PHASE, 4 WIRE			ENCLOSURE: 208/120V, 600 A, 3 PHASE, 4 WIRE FLUSH MOUNTED IV EQUIPMENT GND BAR, MESTINGHOUSE TYPE MBA						
LOCATION: EQUIPMENT ROOM			FEEDER SOURCE: DISCONNECT SWITCH AT SERVICE ENTRANCE									
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	PHASE			LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
					A	B	C					
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		EXISTING LOAD	15 3						3 100	PANEL IN CONCESSION STAND		20
21									1 15	FIRE ALARM		26
23		LOBBY PANEL	100 3									24
25												28
27												30
29												32
31												34
33												36
35												38
37									1 25	SCORE BOARD		40
39		CONDENSER UNIT-FRONT-GYM	100 3									42
41												44
43		HEATER-LEFT-SIDE-NEAR-BOYS-LOCKER-ROOM	100 3									46
45												48
47												50
49		DRYER	100 3						3 100	CONDENSER UNIT-REAR-GYM		52
51												54
53												56
55		DISCONNECT SWITCH WEST SIDE BLEACHERS	30 3						3 100	HEATER-RIGHT-SIDE-NEAR-GIRLS-LOCKER-ROOM		58
57												60
61		SPACE										62
63		SPACE										64
SOLID NEUTRAL NEUTRAL WIRE (N)			TOTAL CONNECTED LOAD (VA) = ****			GROUND BUS GROUND WIRE (G)						
			A0 = **** B0 = **** C0 = ****									

EXISTING ARRANGEMENT

PANEL SCHEDULE												
PANEL: GYM			VOLTAGE: 208/120V, 600 A, 3 PHASE, 4 WIRE			ENCLOSURE: 208/120V, 600 A, 3 PHASE, 4 WIRE FLUSH MOUNTED IV EQUIPMENT GND BAR, EATON POW-R-LINE						
LOCATION: EQUIPMENT ROOM			FEEDER SOURCE: DISCONNECT SWITCH AT SERVICE ENTRANCE									
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)	PHASE			LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
					A	B	C					
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		EXISTING LOAD	15 3						3 100	PANEL IN CONCESSION STAND		20
21												24
23		LOBBY PANEL	100 3									26
25												28
27												30
29												32
31												34
33												36
35												38
37									1 25	SCORE BOARD		40
39		CONDENSER UNIT-FRONT-GYM	100 3	7500					1 25	RECEPTACLE AT MINI-SPLIT	#12	42
41				7500					3026 2 35	MINI SPLIT #1	#10	44
43		HYAC UNIT AND CONDENSER LEFT SIDE, BOYS LOCKER ROOM	100 3	1071					1605 2 20	MINI SPLIT #2	#12	46
45				1071								48
47												50
49		DRYER	100 3	7500					3 100	PACKAGE HYAC UNIT, REAR GYM	#1	52
51				7500								54
53												56
55		DISCONNECT SWITCH WEST SIDE BLEACHERS	30 3	1071					3 100	HYAC UNIT AND CONDENSER, RIGHT SIDE, GIRLS LOCKER ROOM		58
57				1071								60
61		SPACE										62
63		SPACE										64
SOLID NEUTRAL NEUTRAL WIRE (N)			TOTAL CONNECTED LOAD (VA) = ****			GROUND BUS GROUND WIRE (G)						
			A0 = **** B0 = **** C0 = ****									

NEW ARRANGEMENT

REMOVE EXISTING CIRCUIT BREAKERS

NEW CIRCUIT BREAKERS

REUSE EXISTING CIRCUIT BREAKERS

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Wistich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985.649.8832

DATE	REVISIONS
	#1 DESCRIPTION

SEAL:

MECHANICAL RENOVATIONS
BOYET JUNIOR HIGH SCHOOL
 #2025 Bayou Dr.
 Slidell, LA 70461
 JOB No: 2468 DATE: 12-1-2022
 DRAWN BY: DPJ/JTL CHECKED BY: BAW

SHEET TITLE:
 ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:

E102