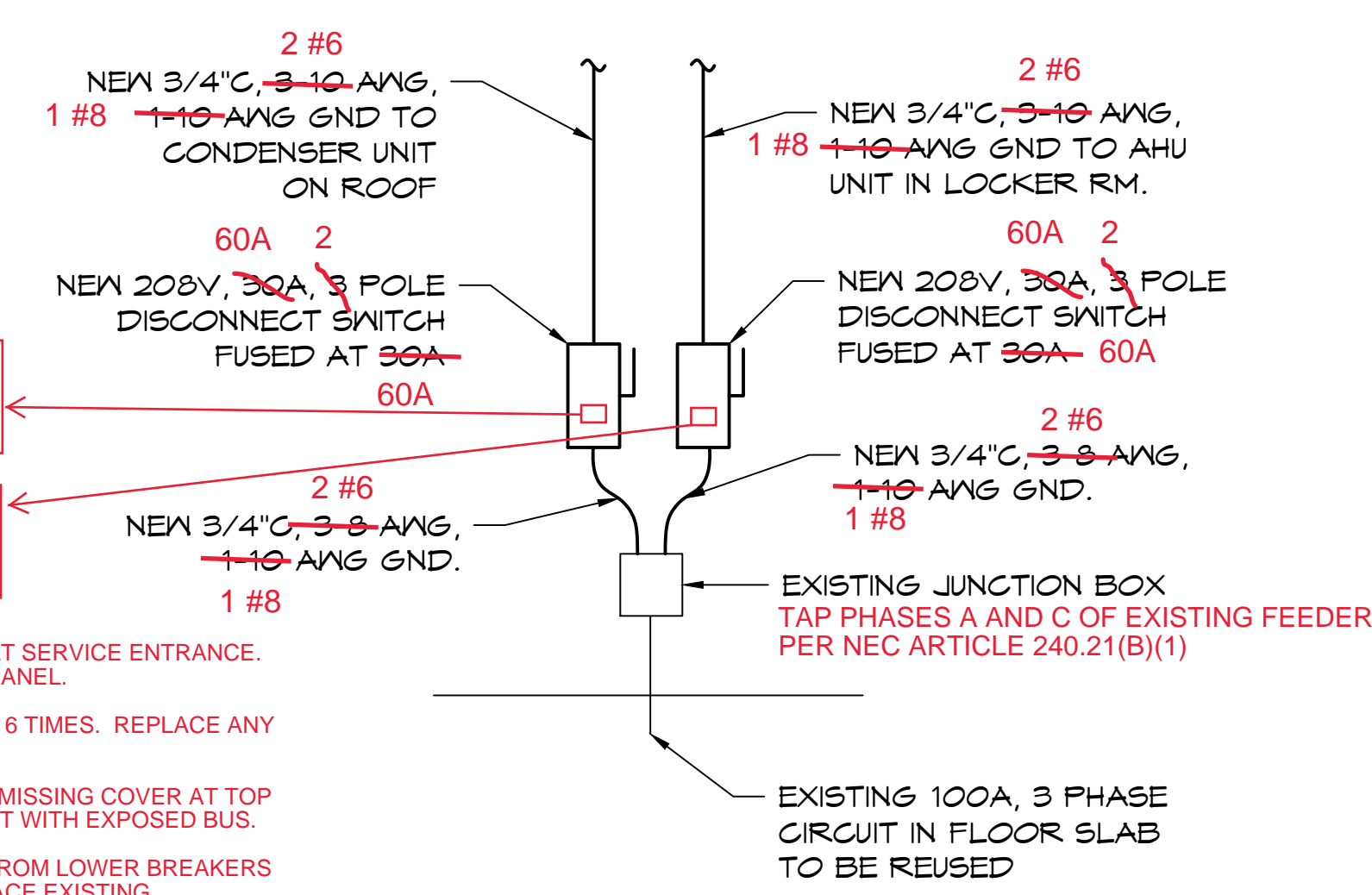


**A ELEVATION**  
SCALE: NONE

- 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.
- 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 SECURE OUTER COVER OF PANEL TO BOX WITH SELF TAPPING SHEET METAL SCREWS. PAINT PANEL COVER AND INTERIOR TRIM LIGHT GRAY ENAMEL.



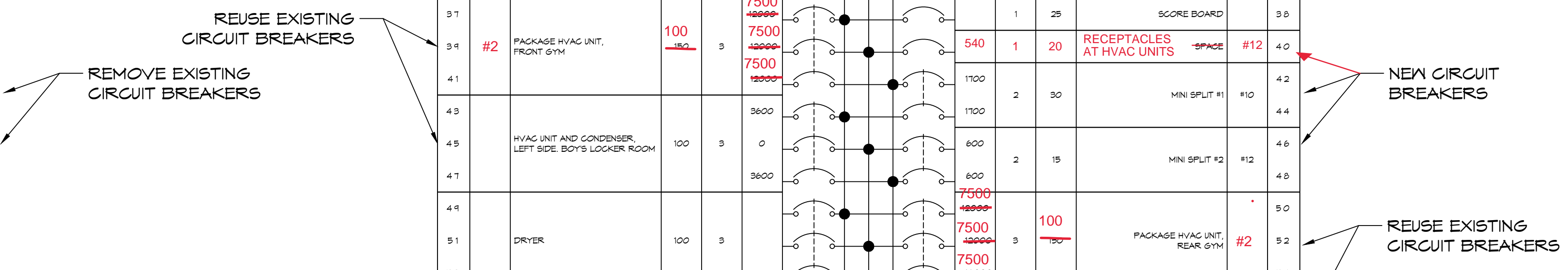
**1 DETAIL**  
SCALE: NONE

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, NESTINGHOUSE TYPE MFA					
LOCATION: EQUIPMENT ROOM			FEEDER SOURCE: DISCONNECT SWITCH AT SERVICE ENTRANCE								
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP POLE	LOAD (VA)			LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
				A0	B0	C0					
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											16
17		EXISTING LOAD	15 3				2	60	EXHAUST FAN		18
21							3	100	PANEL IN CONCESSION STAND		22
23											24
25		LOBBY PANEL	100 3				1	15	FIRE ALARM		26
27											28
29		SPACE									30
31		SPACE									32
33		SPACE									34
35		SPACE									36
37							1	25	SCORE BOARD		38
39		CONDENSER UNIT-FRONT-GYM	100 3						SPACE		40
41											42
43		HEATER-LEFT-SIDE-NEAR-BOYS-LOCKER-ROOM	100 3						SPACE		44
45											46
47									SPACE		48
49		DRYER	100 3				3	100	CONDENSER UNIT-REAR-GYM		50
51											52
53											54
55		DISCONNECT SWITCH WEST SIDE BLEACHERS	30 3				3	100	HEATER-RIGHT-SIDE-NEAR-GIRLS-LOCKER-ROOM		56
57											58
59											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)			LOAD (VA)	BREAKER AMP POLE	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO
				A0	B0	C0					
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											16
17		EXISTING LOAD	15 3				2	60	EXHAUST FAN		18
21							3	100	PANEL IN CONCESSION STAND		22
23											24
25		LOBBY PANEL	100 3				1	15	FIRE ALARM		26
27											28
29		SPACE									30
31		SPACE									32
33		SPACE									34
35		SPACE									36
37							1	25	SCORE BOARD		38
39		CONDENSER UNIT-FRONT-GYM	100 3						SPACE		40
41											42
43		HEATER-LEFT-SIDE-NEAR-BOYS-LOCKER-ROOM	100 3						SPACE		44
45											46
47									SPACE		48
49		DRYER	100 3				3	100	CONDENSER UNIT-REAR-GYM		50
51											52
53											54
55		DISCONNECT SWITCH WEST SIDE BLEACHERS	30 3				3	100	HEATER-RIGHT-SIDE-NEAR-GIRLS-LOCKER-ROOM		56
57											58
59											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



DATE	REVISIONS
	#1 DESCRIPTION

SEAL:

**MECHANICAL RENOVATIONS**  
**BOYET JUNIOR HIGH SCHOOL**

12-1-2022  
 DATE: 2468  
 CHECKED BY: DPJ/JTL  
 DRAWN BY: BAW

SHEET TITLE:  
 ELECTRICAL PANEL SCHEDULES, SECOND FLOOR

DRAWING NUMBER:  
**E102**

SHEET No: 50 of 7