

ADDENDUM

PROJECT NAME: CENTRAL YORK FIREHALL

COMPANY: +VG ARCHITECTS

ATTENTION: DEREK QUILLIAM

PROJECT NO.: 25274.001.E.001

DATE: 2025-09-17

ADDENDUM No.: 01

ISSUED BY: CHRISTY PAN

The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

1.0 DRAWINGS

1.1 Refer to TE-0.3 - ELECTRICAL DETAILS (included herein)

1.1.1 Revise panel schedule.

1.2 Refer to TE-1.2 1ST FLOOR POWER AND SYSTEMS LAYOUT (included herein)

1.2.1 Provide power to new BBH located in Office #4 113.

1.2.2 Disconnect power from existing BBH and reconnect to new, typical of three (3), located in Stairwell 130, B.F. WC 104, and New Dormitory 114.

1.2.3 Delete one (1) BBH located in Equipment Room 108, as shown.

1.2.4 Clarification on location of relocated Pony Panel.

1.3 Refer to TE-2.2 2ND FLOOR POWER AND SYSTEMS LAYOUT (included herein)

1.3.1 Disconnect power from existing BBH and reconnect to new, typical of four (4), located in New Male WC & Locker Room 204, Captain's Desk 202, Training Area 201, and Women WC 206.

END OF ELECTRICAL ADDENDUM

BATTERY UNIT LOAD SCHEDULE

PROJECT NAME: YORK CENTRAL FIREHALL

PROJECT #: 25274.001.E.001

Smith + Andersen

June 1991 - 161 Sheppard Ave. E.

UNIT DESIGNATION	LOCATION OF BATTERY UNIT	TYPE	QTY	WATTAGE	TOTAL LOAD	VOLTAGE	TOTAL CAPACITY(WH)	MAXIMUM CAPACITY (W)	BATTERY UNIT CAPACITY (W)	RUNTIME REQUIRED (Hr)	
BU-1	UTILITY 115	X1	4	2.5 W	10 W	24 V	70 WH	144 W	432 W	2HR	
		R1	5	12 W	60 W	24 V					
BU-2	ENTRANCE (100)	X1	3	2.5 W	8 W	24 V	68 WH	144 W	432 W		
		R1	5	12 W	60 W	24 V					
BU-3	GYM 207	X1	4	2.5 W	10 W	24 V	106 WH	144 W	432 W		
		R1	8	12 W	96 W	24 V					
BU-4	GYM 207	X1	1	2.5 W	3 W	24 V	27 WH	144 W	432 W		
		R1	2	12 W	24 W	24 V					

NOTES:

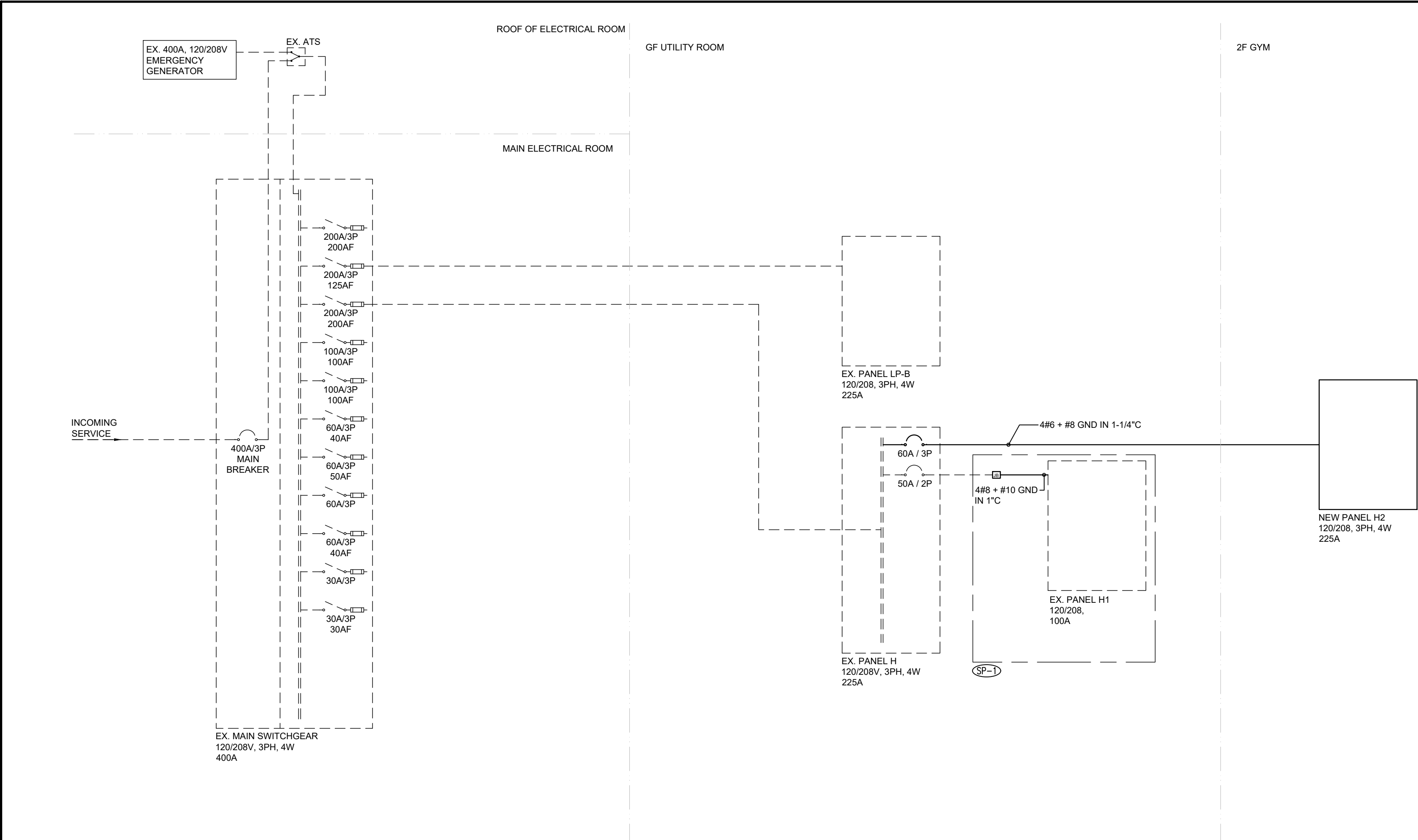
1. Provide all mounting shelves for installation of battery units. Size to suit.

2. Provide breaker lock-on device for all circuit(s) feeding battery units.

3. The electrical contractor is to measure the illumination of the floor at night with emergency lighting on only, and send a drawing showing the maximum and minimum level of illumination, to the consulting engineer, for review. Provide written confirmation that emergency lighting has been installed in accordance with contract documents and latest edition of the Ontario Building Code sections D.2.7.3 and 3.2.7.4). Letter to be included as part of close-out document submittal package.

4. Refer to drawings for exact Quantities and locations.

5 BATTERY UNIT SCHEDULE



1 SINGLE LINE DIAGRAM

LIGHTING CONTROL SCHEDULE		
DESCRIPTION	MANUFACTURER	
CEILING MOUNTED	WATTSTOPPER CEILING OCCUPANCY SENSOR DUAL TECHNOLOGY CAT# : DT-355 APPROVE OR EQUAL	
WALL MOUNTED	WATTSTOPPER DUAL TECH WALL SWITCH OCCUPANCY SENSOR CAT# : DSW-301 APPROVE OR EQUAL	

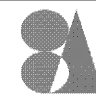
6 LIGHTING CONTROL SCHEDULE

EXISTING PANEL: RP-H				LOCATION: FIRST FLOOR UTILITY				Smith + Andersen						
PROJECT NAME: CENTRAL YORK FIREHALL				FED FROM:										
PROJECT #: 25274.001.E.001														
TYPE INFO	DESCRIPTION	D.F. [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR NO.	Ø	CCT NO.	BKR NO.	DEMAND LOAD [W]	CONN. LOAD [W]	D.F. [%]	DESCRIPTION	TYPE INFO	
	BBH (EX)				15	1	A	2	20			BBH (EX)		
					2P	3	B	4	2P					
	BBH (EX)				15	8	C	6	20			BBH (EX)		
					2P	7	A	2	20					
	PONY PANEL				60	9	B	10	20	200	500	40	BBH (EX)	
	BBH (EX)				2P	11	C	12	20	200	500	40		
					20	13	A	14	20			BBH (EX)		
					2P	15	B	16	2P			BBH (EX)		
	BBH (EX)				20	17	C	18	20			BBH (EX)		
					2P	19	A	20	2P			BBH (EX)		
	DUCT HEATER (EX)				15	21	B	22	20			BBH (EX)		
					23	C	24	20						
	DUCT HEATER (EX)				3P	25	A	26	20	100	250	40	BBH (EX)	
					15	27	B	28	20	100	250	40		
					29	C	30	40				BBH (EX)		
	EXISTING				3P	31	A	32	2P					
	EXISTING				15	33	B	34	15					
	EXISTING				2P	35	C	36	2P					
	EXISTING				15	37	A	38	15					
	EXISTING				2P	39	B	40	2P					
	EXISTING				15	41	C	42	15					
PANEL OPTIONS:														
<input type="checkbox"/> CSA ENCLOSURE RATING	<input type="checkbox"/> FLUSH	LOAD A [kW]	.01						PHASE VOLTAGE [V]	120				
<input type="checkbox"/> FEED THROUGH	<input checked="" type="checkbox"/> SURFACE	LOAD B [kW]	.03						LINE VOLTAGE [V]	208				
<input type="checkbox"/> SUB-FEED	<input checked="" type="checkbox"/> BOLT-ON BREAKER	TOTAL [kW]	.06						WIRE	4				
<input type="checkbox"/> MAIN BREAKER	<input type="checkbox"/> SPD	CURRENT A [A]	1						MAINS [A]	225				
<input type="checkbox"/> 200% RATED NEUTRAL BUS		CURRENT B [A]	3						MAIN BREAKER [A]					
<input type="checkbox"/> ISOLATED GROUND BUS		CURRENT C [A]	2						I.C. [A]	10				
LEGEND:														
BAS-Building Automation System				R/C-Relay Controlled				LTS-Lighting				NOTES:		
GFCI-Ground Fault Circuit Interrupter				M-Motor				HD-High Intensity				1. Breakers denoted in BOLD to be new		
AFCI-Arc Fault Circuit Interrupter				D.F-Demand Factor				DL-Discharge Lighting Breaker						
SPD - Surge Protection Device				REC-Receptacle				D.C-Direct Connection						
BLO-Breaker Lock-On Device														

4 PANEL SCHEDULE

EXISTING PANEL: LP-B				LOCATION: FIRST FLOOR UTILITY				Smith + Andersen									
PROJECT NAME: CENTRAL YORK FIREHALL				FED FROM:													
PROJECT #: 25274.001.E.001																	
TYPE INFO	DESCRIPTION	D.F. [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR NO.	Ø	CCT NO.	BKR NO.	DEMAND LOAD [W]	CONN. LOAD [W]	D.F. [%]	DESCRIPTION	TYPE INFO				
	BOARDROOM REC		50	300	150	15	1	A	2	15	20	100	EXIT SIGNS				
	BOARDROOM REC		50	300	150	15	3	B	4	15			SPARE				
	CONVENIENCE RECS		50	300	150	15	5	C	6	15	250	500	50	NEW DORMITORY RECS			
	HANDYWER		40	450	180	15	7	A	8	15	250	500	50	NEW DORMITORY RECS			
	FIDGE		60	600	360	15	9	B	10	15	330	550	60	CAPTAINS OFFICE RECS			
	MICROWAVE		40	1000	400	15	11	C	12	15	330	550	60	EXISTING OFFICE #1 RECS			
	STOVE		40	200	80	20	13	A	14	15	330	550	60	OFFICE #2.3 RECS			
						2P	15	B	16	15	330	550	60	OFFICE #4.5 RECS			
	LIGHTING ZONE #3		60	829	497	15	17	C	18	15	160	400	40	CORRIDOR 110 RECS			
	LIGHTING ZONE #5		60	955	575	15	19	A	20	20			100	EXHAUST FAN			
	COFFEE MACHINE		100	500	500	15	21	B	22	15	241	452	60	LIGHTING ZONE #1			
	KITCHEN REC		40	300	120	20	23	C	24	15			SPARE				
	DISHWASHER		40	1000	400	20	25	A	26	15	120	200	60	FIRE PREVENTION HUB ROOM RECS			
	KITCHEN REC		40	300	120	20	27	B	28	15	120	200	60	FIRE PREVENTION HUB ROOM RECS			
	HOOD		40	300	120	15	29	C	30	15	120	200	60	FIRE PREVENTION HUB ROOM RECS			
	KITCHEN REC		40	300	120	20	31	A	32	15			100	RESC RUMP			
	KITCHEN REC		40	300	120	20	33	B	34	60	5400	9000	60	CHNT			
	DRINKING FOUNTAIN		50	300	150	15	35	C	36	2P			6400	9000	60		
	RECEPTION RECS		60	300	180	15	37	A	38	20			100	EXISTING 911 UPS BATTERY CHARGER			
	EXISTING 911 OUTLET SINGLE ANT		100			15	39	B	40	15			100	EXISTING 911 COMPUTER ALX			
	EXISTING 911 OUTLET SINGLE ANT		100			15	41	C	42	15			100	EXISTING 911 UPS SYSTEM			
PANEL OPTIONS:																	
<input type="checkbox"/> CSA ENCLOSURE RATING	<input type="checkbox"/> FLUSH	LOAD A [KW]	2.4										PHASE VOLTAGE [V]	120			
<input type="checkbox"/> FEED THROUGH	<input checked="" type="checkbox"/> SURFACE	LOAD C [KW]	7.7										LINE VOLTAGE [V]	208			
<input type="checkbox"/> SUB-FEED	<input checked="" type="checkbox"/> BOLT-ON BREAKER	TOTAL [KW]	18										WIRE	36			
<input type="checkbox"/> MAIN BREAKER	<input type="checkbox"/> SPD	CURRENT A [A]	20										MAINS [A]	225			
<input type="checkbox"/> 200% RATED NEUTRAL BUS		CURRENT B [A]	64										MAIN BREAKER [A]	4			
<input type="checkbox"/> ISOLATED GROUND BUS		CURRENT C [A]	64										I.C. [A]	10			
LEGEND:																	
BAS-Building Automation System	R/C-Relay Controlled	LTS-Lighting	NOTES:														
GFCI-Ground Fault Circuit Interrupter	M-Motor	HD-High Intensity	1. Breakers denoted in BOLD to be new														
AFCI-Arc Fault Circuit Interrupter	D.F-Demand Factor	DL-Discharge Lighting Breaker															
SPD - Surge Protection Device	REC-Receptacle	D.C-Direct Connection															
BLO-Breaker Lock-On Device																	

3 PANEL SCHEDULE

NEW PANEL: HP-H2			LOCATION: SECOND FLOOR GYM							Smith + Andersen				
PROJECT NAME: CENTRAL YORK FIREHALL			FED FROM: HP-H1											
TYPE	DESCRIPTION	D.F. [%]	CONN. LOAD [W]	DEMAND LOAD [W]	BKR [A]	CCT NO.	Ø	CCT NO.	BKR [A]	DEMAND LOAD [W]	CONN. LOAD [W]	D.F. [%]	DESCRIPTION	TYPE INFO
	TRAINING AREA RECS	50	300	150	15	1	A	2	20	400	1000	40	BBH	
	TV OUTLET	60	300	180	15	3	B	4	2P	400	1000	40		
	CAPTAINS DESK REC	60	150	90	15	5	C	6	15	120	300	40	KITCHEN HOOD	
	BBQ AREA REC	20	100	20	20	7	A	8	15	881	881	100	LIGHTING ZONE #2	
	KITCHEN ISLAND RECS	60	200	120	20	9	B	10	15	1085	1085	100	LIGHTING ZONE #4	
	COFFEE MACHINE	50	500	250	20	11	C	12	15	13	13	100	EXT EXGHS	
	MICROWAVE	60	1000	600	15	13	A	14						
	DISHWASHER	40	1000	400	15	15	B	16	15	330	550	60	GYM POWER POLE	
	KITCHEN REC	40	300	120	20	17	C	18	15	300	500	60	GYM POWER POLE	
	KITCHEN REC	40	300	120	20	19	A	20						
	KITCHEN REC	40	300	120	20	21	B	22						
	STOVE	40	300	120	20	23	C	24						
						25	A	26						
	KITCHEN REC	40	300	120	20	27	B	28						
	FRIDGE/FREEZER	60	600	360	15	29	C	30						
	FRIDGE/FREEZER	60	600	360	15	31	A	32						
	FEMALE/MALE LOCKER RECS	60	550	330	15	33	B	34						
	FEMALE/MALE LOCKER RECS	60	550	330	15	35	C	36						
						37	A	38						
	GYM RECS	60	600	360	15	39	B	40						
	GYM RECS	60	700	420	15	41	C	42						
PANEL OPTIONS:														
<input type="checkbox"/> CSA ENCLOSURE RATING	<input type="checkbox"/> FLUSH	LOAD A [KW]	2.83							PHASE VOLTAGE [V]	120			
<input type="checkbox"/> FEED THROUGH	<input type="checkbox"/> SURFACE	LOAD B [KW]	3.42							LINE VOLTAGE [V]	208			
<input type="checkbox"/> SUB-FEED	<input type="checkbox"/> BACKLASH BREAKER	TOTAL [KW]	6.07							PHASE:	4			
<input type="checkbox"/> MAIN BREAKER	<input checked="" type="checkbox"/> SPD									WIRE:	100			
<input type="checkbox"/> 200K IN/OUT NEUTRAL BUS		CURRENT A [A]	21							MAINS [A]	100			
<input type="checkbox"/> ISOLATED GROUND BUS		CURRENT B [A]	38							MAIN BREAKER [A]	10			
		CURRENT C [A]	18							C [A]				
LEGEND:														
R/C-Recessed		R/C-Recessed		LTC Lighting		1 Panel Enclosure to be Spineproof								
BGS-Building Automation System		M-Motor		MD-High Voltage Discharge										
ICF-Group Fault Circuit Interrupter		C-Circuit Controller		L-Circuit Breaker										
SPD - Surge Protection Device		REC-Receptacle		C-Circuit Correction										
BLD-Breaker Lock-On Device														

TE-2.2