

EXISTING											
PANELBOARD			S1		SURFACE MOUNTED			SYM. A.I.C. MIN.			
CIRCUIT BREAKER TYPE			AMP. MAIN BREAKER W/			AMP. TRIP					
208/120			VOLTS 3			PHASE 4			WIRE 400 AMP. MAINS		
CKT NO.	TRIP NO.	POLE	LOAD SERVED		LOAD-V.A.		CKT NO.	TRIP NO.	POLE	LOAD SERVED	
					Aø	Bø					
1	20	1	EXIST. LIGHTS		325		2	20	1	EXIST. Ⓢ	
3			EXIST. LIGHTS		540		4				
5			NEW LIGHTS		374		6				
7			NEW Ⓢ		540		8				
9			NEW COKE COOLER		540		10				
11	20	1	NEW TELE. EQPM. BOX		750		12			NEW MENU BOARD	
13	20	1	NEW PIZZA TRACKER		500		14			EXIST. Ⓢ	
15	20	1	NEW POS-ORDER STN.		750		16				
17	20	1	NEW LTS. & HEATER		540		18				
19			NEW HEAT TRACE		500		20			NEW POS-ORDER STN.	
21			NEW VSI COOLER		884		22			NEW HEAT LAMPS	
23			NEW TELE. EQPM. BOX		1000		24			EXIST. Ⓢ	
25	20	1	SPARE		500		26			NEW POS-ORDER STN. & RT. MONITOR	
27	20	1	EXIST. EF		150		28			NEW POS-ORDER STN.	
29	20	1	NEW KEF-1		1180		30			NEW MAKELINE	
31			NEW HOOD FA		1560		32			EXIST. Ⓢ	
33			NEW OVEN		540		34			EXIST. Ⓢ	
35					750		36	20	2	SPARE	
37					750		38				
39	20	1	NEW MENU BOARD		500		40	-	1	SPACE	
41	20	1	EXIST. HWH		100		42	20	1	NEW POS-ORDER STN.	
① NEW CIRCUIT BREAKER.											
② PROVIDE LOCKABLE BREAKER.											

EXISTING															
PANELBOARD: S2			SURFACE MOUNTED			SYM. A.I.C. MIN.									
CIRCUIT BREAKER TYPE			AMP. MAIN BREAKER W/			AMP. TRIP									
208/120			VOLTS 3			PHASE 4			WIRE 400						
									AMP. MAINS						
CKT NO.	TRIP NO.	NO. POLE	LOAD SERVED		LOAD-V.A.		CKT NO.	TRIP NO.	NO. POLE	LOAD SERVED					
					Aø	Bø									
② 1	50	3	EXIST. RTU-1		2750		2	50	2	SPARE					
3					2750		4								
5					2750		6	50	2	SPARE					
② 7	50	3	EXIST. RTU-2		2750		8								
9					2750		10	50	2	SPARE					
11					2750		12								
13	50	2	SPARE				14	-	1	SPACE					
15							16	-	1	SPACE					
① 17	15	3	NEW CU		1100		18	20	2	SPARE					
19					1100		20								
21			OUTSIDE		1100		22	30	2	NEW WASHER + DRYER					
① 23	15	1	NEW EVAPORATOR		540		24								
25	20		NEW Ⓢ		500		26	20	1	SPARE					
27	20		NEW Ⓢ		500		28	50	2	SPARE					
29	20		NEW COND. PUMP		200		30								
31	25	2	NEW HP-1		2080		32	20	1	EXIST. HAND DRYER					
33			ROOF		2080		34			EXIST. HAND DRYER					
35	-	1	SPACE		540		36			EXIST. Ⓢ					
37					540		38			EXIST. Ⓢ					
39							40	-	1	SPACE					
41							42	-	1	SPACE					
① NEW CIRCUIT BREAKER.															
② INTERLOCK WITH HOOD FIRE EXTINGUISHING SYSTEM.															

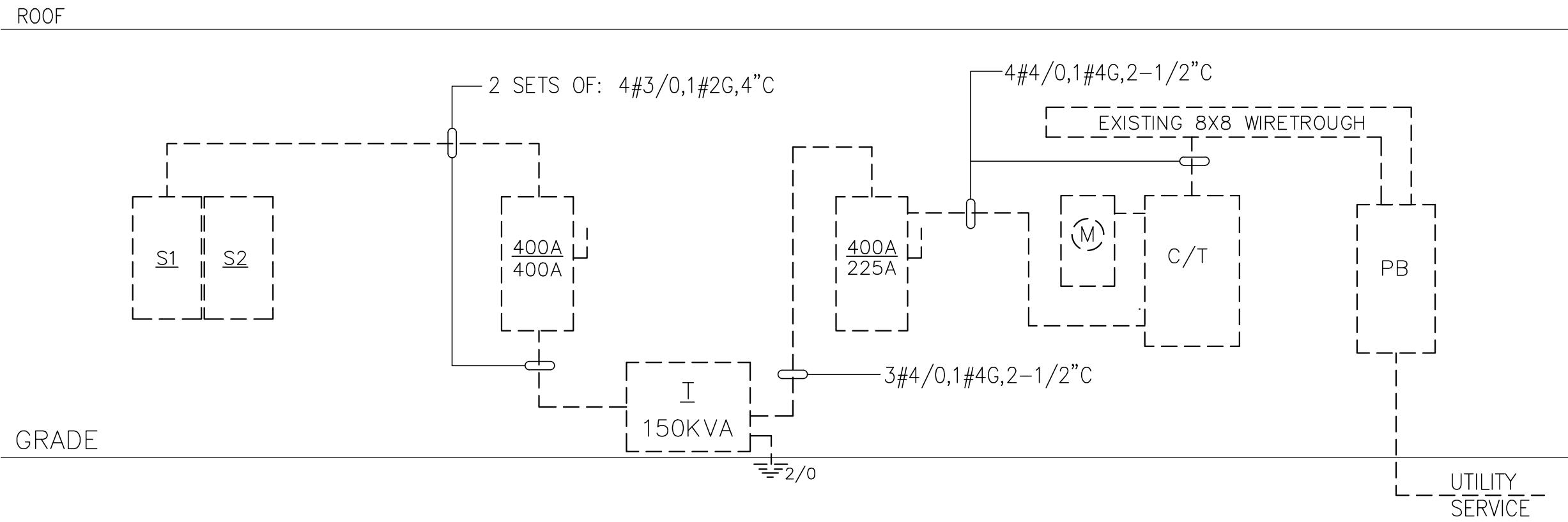
DEMAND LOAD SUMMARY

EXISTING PANELS S1 & S2: 400A 208Y120V ON 400A SWITCH FUSED AT 400A

EXIST. HVAC:	16,650 VA X 1.25	= 20,813 VA
NEW HVAC:		= 5,224 VA
EXIST. LIGHTS:	699 VA X 1.25	= 874 VA
NEW LIGHTS:		= 1,320 VA
EXIST. EQUIPMENT:		= 2,100 VA
NEW EQUIPMENT:		= 21,284 VA
EXIST. RECEPTACLES:		= 7,020 VA
NEW RECEPTACLES:		= 1,540 VA
TOTAL:		= 60,174 VA/ = 167A

EXISTING 400A 480Y277V FUSED AT 225V DISCONNECT

EXIST. HVAC:	16,650 VA X 1.25	= 20,813 VA
NEW HVAC:		= 5,224 VA
EXIST. LIGHTS:	699 VA X 1.25	= 874 VA
NEW LIGHTS:		= 1,320 VA
EXIST. EQUIPMENT:		= 2,100 VA
NEW EQUIPMENT:		= 21,284 VA
EXIST. RECEPTACLES:		= 7,020 VA
NEW RECEPTACLES:		= 1,540 VA
TOTAL:		= 60,174 VA/ = 72A



EXISTING POWER RISER DIAGRAM
NOT TO SCALE

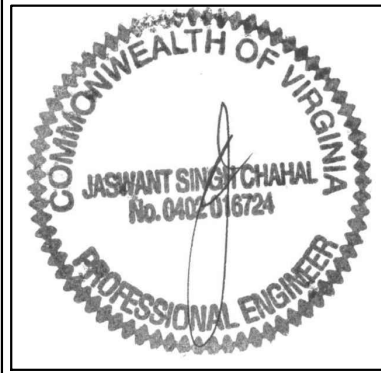
25
years of design

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PANEL SCHEDULES AND
POWER RISER



DATE:	11/21/2019 ISSUE FOR PERMIT
①	02/17/2020 PERMIT COMMENTS

SHEET

E004

219033.00