PANEL BOARD SCHEDULE

PANEL TB-1 3" SQUARE D # NRO-08-3ABS0-F W/ 1/4" DEEP BOX
VOLTAGE 120/208/1Φ/3W MOUNTING FLUSH MAIN BREAKER 50/2

LTS.	650	1	2	SPARE
VENT. FAN	300	3 15/1	4 400	#'s (2)
SPARE		5	6	SPARE
		7	8	
		9	10	
		11	12	
		13	14	
		15	16	
		17	18	
		19	20	
		21	22	
		23	24	
		25	26	
		27	28	
		29	30	
		31	32	
	A		B	

	A	B
AMPS/Φ	5.5A	5.8A
TOTAL	.65 KW	.70 KW

PANEL TB-2 3" SQUARE D # NRO-08-3ABS0-F W/ 1/4" DEEP BOX.
VOLTAGE 120/208/1Φ/3W MOUNTING FLUSH MAIN BREAKER 50/2

LTS.	1	870	2	SPARE
VENT. FAN	300	3 15/1	4 200	#'s (1)
SPARE	5		6	SPARE
	7		8	
	9		10	
	11		12	
	13		14	
	15		16	
	17		18	
	19		20	
	21		22	
	23		24	
	25		26	
	27		28	
	29		30	
	31		32	
	A		B	

NOTE: 3

	A	B
AMPS/Φ	7.3A	4.2A
TOTAL	.87 KW	.50 KW

PANEL TB-3 3" SQUARE D # NRO-08-3ABS0-F W/ 1/4" DEEP BOX.
VOLTAGE 120/208/1Φ/3W MOUNTING FLUSH MAIN BREAKER 50/3 W

LTS.	1	520	2	300
VENT. FAN	3	300	4	520
SPARE	5 15/1		6	400
	7		8	
	9		10	
	11		12	
	13		14	
	15		16	
	17		18	
	19		20	
	21		22	
	23		24	
	25		26	
	27		28	
	29		30	
	31		32	
	A		B	

VENT. FAN
LTS.
#'s (2)
SPARE

	A	B
AMPS/Φ	10.2A	6.7A
TOTAL	1.22 KW	.82 KW

PANEL K-2 3" SQUARE D # NRO-16-3ABR15-F W/ 1/4" DEEP BOX
VOLTAGE 120/208/1Φ 3W MOUNTING FLUSH MAIN BREAKER 125/2

HT.G. Φ A/C UNIT	3800	1	2	1850	LTS.
LENNOX # GCS33-461-BB 208/1Φ 31.6A (TYP.)	3800	3	4	1150	
	3800	5	6	1750	
HT.G. Φ A/C UNIT	3800	7	8	1800	
REPUBLIC W/H 120V. 1.25 KW	1250	9 15/1	10	1200	#'s (6)
SPARE		11	12	1200	(5)
		13	14		SPARE
		15	16		
		17	18		
		19	20		
		21	22		
		23	24		
		25	26		
		27	28		
		29	30		
		31	32		
	A		B		

	A	B
AMPS/Φ	116.0A	100.0A
TOTAL	13.6 KW	11.8 KW

PANEL K-3 3" SQUARE D # NRO-1B-3AB125-F W/ 1/4" D. BOX.
VOLTAGE 120/208/1Φ, 3W MOUNTING FLUSH MAIN BREAKER 125/2

HT.G. Φ A/C UNIT	3800	1	2	3800	HT.G. Φ A/C UNIT
LENNOX # GCS33-461-BB 208/1Φ 31.6A (TYP.)	3800	3	4	3800	
LTS.	1150	5	6	1000	LTS.
	1000	7	8	1150	
	1800	9	10		SPARE
Φ (4)	800	11	12	800	Φ (4)
6 GAL W/H. 120V. 1.25 KW	1250	13 15/1	14	1000	(5)
SPARE		15	16		SPARE
		17	18		
		19	20		
		21	22		
		23	24		
		25	26		
		27	28		
		29	30		
		31	32		
	A		B		

	A	B
AMPS/Φ	110.0A	96.0A
TOTAL	13.2 KW	11.4 KW

PANEL K-4 3" SQUARE D # NRO-1B-3AB125-F W/ 1/4" D. BOX.
VOLTAGE 120/208/1Φ/3W MOUNTING FLUSH MAIN BREAKER 125/2

HT.G. Φ A/C UNIT	3800	1	2	3800	HT.G. Φ A/C UNIT
LENNOX # GCS33-461-BB 208/1Φ 31.6A (TYP.)	3800	3	4	3800	
LTS.	1150	5	6	1000	LTS.
	1000	7	8	1150	
Φ (2)	400	11	12	800	SPARE
6 GAL W/H. 120V. 1.25 KW	1250	13 15/1	14	600	Φ (4)
SPARE		15	16		(3)
		17	18		SPARE
	A		B		

	A	B
AMPS/Φ	104.0A	92.0A
TOTAL	12.6 KW	11.0 KW

LIGHT FIXTURE SCHEDULE

A — CEILING (RECESS) MOUNTED FLUORESCENT FIXTURE. ONE (1) SMOOT-HOLMAN # 260-2AR W/ RIGLENS (CLEAR ACRYLIC (E.L.S. WITH WHITE ACRYLIC OVERLAY) TYPE (2) RAPID START 96RL WHITE LAMPS REQ'D.

B — COMBINATION LIGHT/FAN HUNTONE # B670

C — CEILING MOUNTED INCANDESCENT FIXTURE. MARCO # SP22 (2) 60 W LAMPS REQ'D.

D — WALL BRACKET MOUNTED INCANDESCENT FIXTURE. KENDALL MFG. CO. # 2153 - (1) 150 W LAMP. FURNISHED, INSTALL # 9000 SPECIAL SCREWDRIVER'S W/FIXTURE

E — WALL BRACKET MOUNTED INCANDESCENT FIXTURE. HALO # 2411 WITH # WG-11 WIRE GUARD

NOTE: ALL ELECTRICAL PANELS SHALL BE KEYED AS PER SPECIFICATIONS.

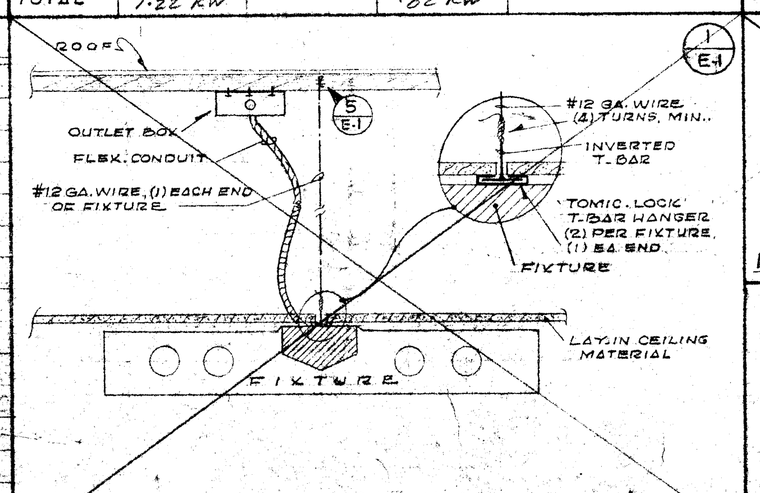
LEGEND

- FLUORESCENT LIGHT FIXTURE - RECESS MOUNTED IN CEILING
- INCANDESCENT LIGHT FIXTURE - WALL MOUNTED
- FLUORESCENT LIGHT FIXTURE - SURFACE MOUNTED OR PENDANT MOUNTED ON CEILING
- DUPLEX RECEPTACLE 15A., 125V., 3P. GROUND
- FLOOR RECEPTACLE (SEE SPECS)
- J — JUNCTION BOX
- LIGHTING CIRCUIT / POWER CIRCUIT { CONDUIT IN WALL OR CEILING (FLEX. OR E.M.T.)
- HOME RUN TO PANEL-BOARD - HASH MARKS INDICATE QUANTITY OF WIRES.
- TELEPHONE OUTLET - FLOOR MOUNTED WITH 3/4" (INDIVIDUAL) CONDUIT.
- M — MOTOR OUTLET - AS NOTED
- DISCONNECT SWITCH
- $ — SINGLE POLE SWITCH
- $3 — THREE POLE SWITCH -
- WP — WEATHER PROOF
- THERMOSTAT
- CLOCK OUTLET (PROGRAMED)
- F — FIRE ALARM CONDUIT & WIRE
- FIRE ALARM (FA) DOUBLE PROJECTOR HORN - UP 8'-6"
- FIRE ALARM BELL - UP 8'-6"
- FIRE ALARM BREAK GLASS STATION - UP 4'-9" (SURFACE MTD.)
- $K — SINGLE POLE SWITCH W/KEY
- COMBINATION LIGHT/EXH. FAN
- CONDUIT RUN CONCEALED BELOW GRADE
- EXISTING CONDUIT RUN CONCEALED BELOW GRADE
- CONDUIT RUN EXPOSED

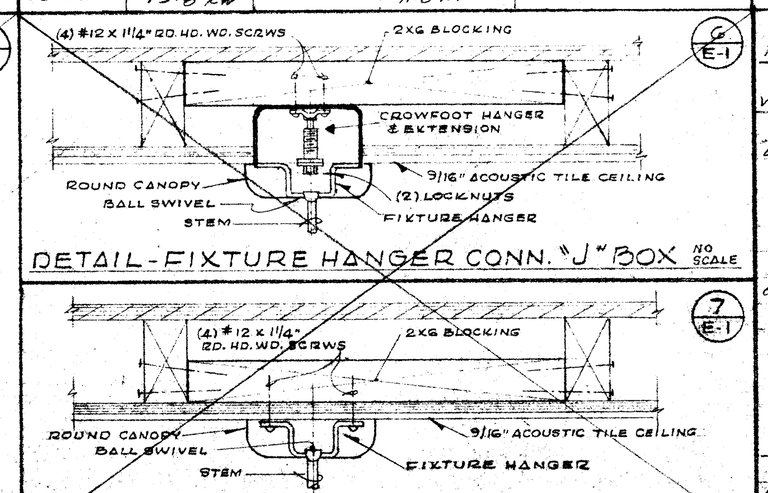
GENERAL NOTES

1. ALL SURFACE MOUNTED FLUORESCENT FIXTURES SHALL BE SUPPLIED TO BE LINED WITH 5/16" & 4 LIG. TOGGLE BOLTS, ONE AT EACH END OF FOUR (4) FT. LG. FIXTURE. SO THREE (3) PER EIGHT (8) FT. LG. FIXTURE. FLUORESCENT FIXTURES MOUNTED ON LOW DENSITY FIBERBOARD SHALL BE U.L. LISTED FIXTURES AND SUCH INSTALLATION PRIOR APPROVAL FROM FIBERBOARD.
2. INSTALLATION TO COMPLY WITH LATEST EDITIONS OF THE N.E.C. & CAL/R. STATE E.S.O. OR APPLICABLE LOCAL CODES.
3. SERVICE ENTRANCE CONDUIT SHALL BE RIGID GALVANIZED.
4. ALL EQUIPMENT SHALL BE SPECIFIED "OR EQUAL".
5. ALL WIRING SHALL BE #12 TYPE "T.W." EXCEPT AS NOTED.
6. IF FIXTURE WEIGHS MORE THAN (6) LBS. OR EXCEEDS (16) INCHES IN DIAMETER, IT SHALL NOT BE SUPPORTED BY THE SCREW SHELL OF THE LAMPHOLDER. IF FIXTURE WEIGHS MORE THAN (50) LBS. IT SHALL BE SUPPORTED INDEPENDENTLY OF THE OUTLET BOX. TITLE 8, PARA. 2457 ELECTRICAL SAFETY ORDERS, STATE OF CALIF.
7. SUSPENDED FIXTURES SHALL BE MOUNTED TO PERMIT HORIZONTAL MOVEMENT IN ANY DIRECTION (16) DEGREES FROM VERTICAL BY MEANS OF SWAY BRACES & BALL AUGHNESS. IF FIXTURE IS MADE OF ALUMINUM, STEEL OR NON-METAL.
8. ALL CONDUCTORS SHALL BE OF COPPER WIRE.

Approved by

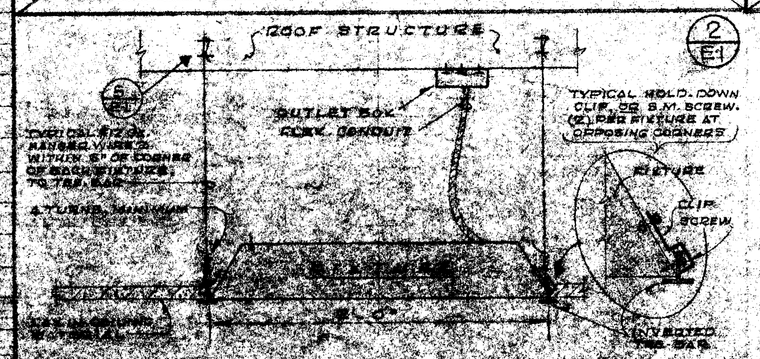


MOUNTING DETAIL - FIXTURE TYPE B NO SCALE

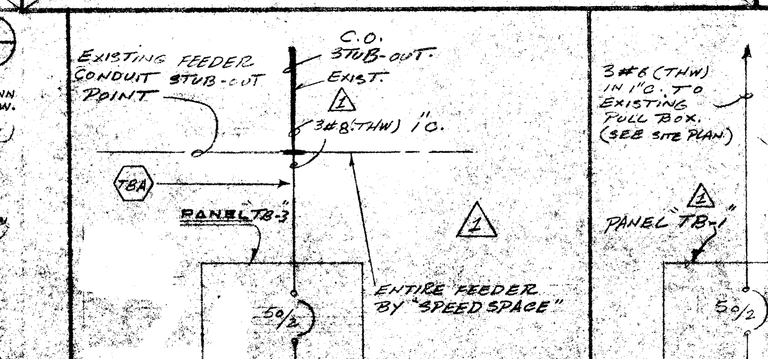


DETAIL - FIXTURE HANGER CONN. "J" BOX NO SCALE

DETAIL - FIXTURE HANGER NO SCALE



MOUNTING DETAIL - FIXTURE TYPE A NO SCALE



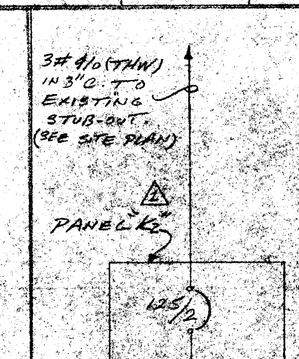
SEE GENERAL NOTES #8

BLDG. #6

TYP. FOR PANEL "TB-2"

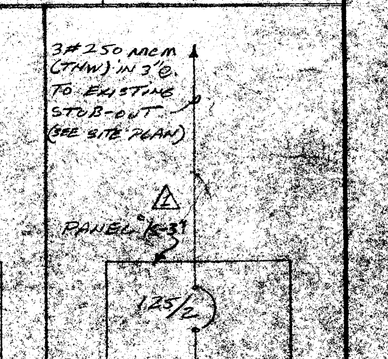
SEE GENERAL NOTES #8

BLDG. #45



SEE GENERAL NOTES #8

BLDG. #1

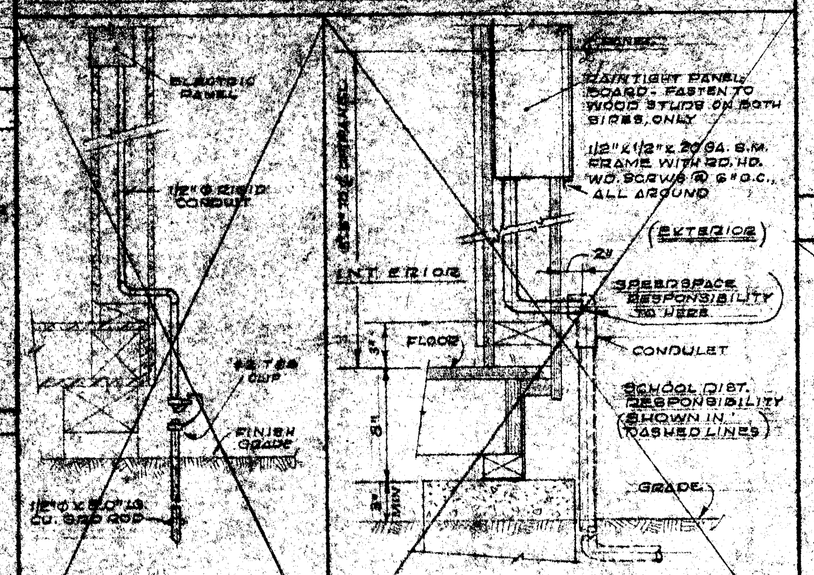


TYP. FOR PANEL "K-4"

SEE GENERAL NOTES #8

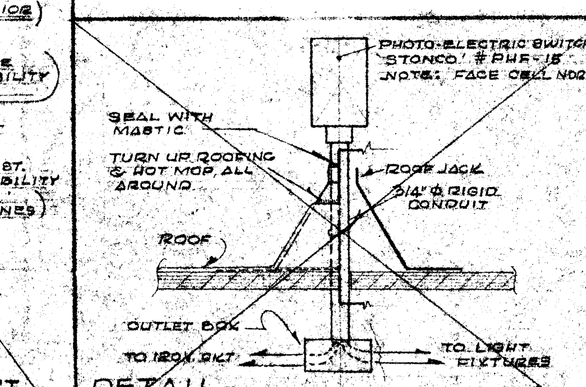
BLDG. #2

SINGLE LINE DIAGRAM NO SCALE

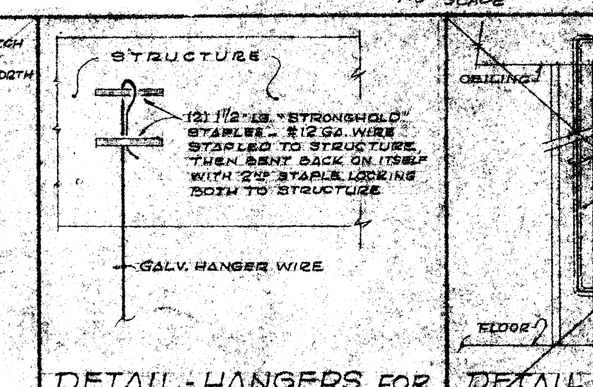


GROUNDING DETAIL NO SCALE

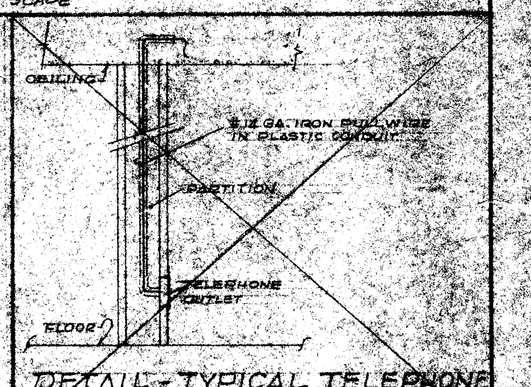
DETAIL - TYPICAL ELECT. PANEL INSTALLATION (WEATHER PROOF) NO SCALE



DETAIL - ROOF MTD PHOTO-ELECT. SWITCH NO SCALE



DETAIL - HANGERS FOR GRIDS & FIXTURES NO SCALE



DETAIL - TYPICAL TELEPHONE WIRING IN WALL NO SCALE

NO.	REVISIONS	DATE	BY
1	ELECTRICAL SERVICE REVISED TO REFLECT LATEST POWER REQUIREMENTS	10/24/69	
2			

REFERENCE PLAN SET NO.

The acceptance of this plan set constitutes agreement that the design, shop drawing and specifications for the project noted shall be used solely for said project and shall not be published, delivered or transferred to anyone or made for additional projects in whole or in part without the written consent of Speedspace Corporation.

APPROVED BY — STATE OF CALIFORNIA, OFFICE OF ... — 32682 APPROVED OCT 24 1969 — OFFICE OF ARCHITECTURE & CONSTRUCTION

APPROVED BY — STATE FIRE MARSHAL

APPROVED BY — SCHOOL DISTRICT

DRAWN BY | CHECKED BY | DATE

ELECTRICAL

BAKERSFIELD CITY S.D.

BAKERSFIELD, CALIF.

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SPEEDSPACE JOB NO. SS-1872

SHEET NO. E-1 OF 21