ELECTRICAL RISERS & SCHEDULES

STADLEY ROUGH ELEMENTARY SCHOOL
DANBURY, CONN.

FRANK A. LACAVA
ARCHITECT
DANBURY, CONN

SCALE: 1/8" = 1'-0"	REVISION	DATE: OCTOBER 8, 49
		DWG. NO. E-3

STATE OF CONNECTICUT — REGISTERED PROFESSIONAL ENGINEER — 2874

STATE OF CONNECTICUT — REGISTERED ARCHITECT — FRANCIS A. LACAVA — 349

PANEL BOARD SCHEDULE

PANEL	BUS AMPS	POLES	MAINS FRAME	MAINS TRIP	MAINS RATING	MAINS SPARE	MAINS	FEEDERS	REMARKS
PPA	225	42	225	225	1	0	225A	4#4/0-3"C	MLO SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
PPB	225	42	225	225	1	0	225A	4#4/0-3"C	MLO SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
A	100	24	100	100	1	0	MAIN C/B	4#1-2"C	NEMA 1 SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
B	225	42	225	225	1	0	225A	4#4/0-3"C	MLO SURFACE MOUNTED
	3	100	100	100	1	0	MAIN C/B		SUB-FEED PANEL C
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
C	100	24	100	100	1	0	MAIN C/B	4#4/0-3"C	NEMA 1 SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
SP	100	24	100	100	1	0	MAIN C/B	4#4/0-3"C	NEMA 1 SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		
	2	50	20	20	2	0	20A 1P		
	1	50	20	20	2	0	20A 1P		
BP	225	42	225	225	1	0	225A	4#4/0-3"C	NEMA 1 SURFACE MOUNTED
	3	50	20	20	2	0	20A 1P		SUB-FEED PANEL D
	2	100	70	70	1	0	MAIN C/B		SPACE - TRIM
	3	100	60	60	1	0			SUB-FEED PANEL D
PH	1	50	20	20	2	0	20A 1P	4#12-3/4"C	WALL SURFACE MOUNTED
	3	50	20	20	3	0	MAIN C/B		SUB-FEED PANEL PH
D	1	50	20	20	2	0	20A 1P	4#12-3/4"C	NEMA SURFACE MOUNTED
	3	50	40	40	1	0			WATER TIGHT C.W.P.
	1	50	20	20	2	0	20A 1P		

SYMBOL LIST

SYMBOL	DESCRIPTION
A	RECESSED LIGHT FIXTURE - CAP LETTER DENOTES FIXTURE TYPE
	SURFACE OR PENDANT MOUNTED LIGHT FIXTURE - " " " "
	WALL BRACKET
	CLASSROOM SPEAKER, CLOCK, HANDSET, SWITCHES, INTERCOM STATION - SEE SPECS
S	SINGLE POLE SWITCH
S3	THREE WAY SWITCH
S4	FOUR WAY SWITCH
Sp	SINGLE POLE SWITCH WITH PILOT LIGHT
Sm	MOMENTARY CONTACT SWITCH
St	THERMAL OVERLOAD SWITCH
	DOUBLE THROW EXHAUST SWITCH - UP 48" A.F.F. - TYPE NO. 7021-74
	DISCONNECT SWITCH - SIZE AS INDICATED ON PLANS
	DUPLEX CONVENIENCE OUTLET - UP 18" A.F.F. - EXCEPT AS NOTED
	120/208V CLEANING OUTLET - UP 18" A.F.F. - 3 WIRE - 3 #12 & 1#12 GROUND - W.P. WEATHERPROOF
	SPECIAL DUPLEX 3 WIRE OUTLET - SIZED AS INDICATED ON PLANS
	CLOCK SPEAKER CONDULATION
	CLOCK OUTLET, CLOCK - SEE SPECIFICATION TYPE
	COMBINATION TV OUTLET & 120v OUTLET - UP 18" A.F.F.
	CHIME SPEAKER
	TELEPHONE OUTLET - UP 18" A.F.F.
	PUSH BUTTON CONTROL - FLUSH MTD. UP 48" A.F.F.
	CONTROL SYSTEM REMOTE VOLUME CONTROL
	EMERGENCY BATTERY UNIT - ARROWS INDICATE DIRECTION OF THRUST
	EXIT SIGN CEILING MOUNTED
	WALL MOUNTED
	HEATER
	FIRE EXTINGUISHER
	MANUAL FIRE ALARM PULL STATION - UP 48" A.F.F.
	BELL ALARM GONG - 6" FROM CEILING - W.P. = WEATHERPROOF
	ANNUNCIATOR PANEL - FLUSH MOUNTED UP 5'-0" A.F.F.
	PUSH BUTTON SIZE AS INDICATED ON DRAWING - W.P. = WEATHERPROOF
	OUTLET BOX 18" A.F.F.
	JUNCTION BOX SIZE AS INDICATED ON DRAWING
	DOOR RUN TO PANEL - SWINGS UNLESS NOTED OTHERWISE
	INDICATES CONDUIT CONCEALED IN WALL OR UNDER SLAB UNLESS NOTED EXPOSED
	120/208V " " #12 AWG IN 3/4"C OR SURFACE AS SHOWN - DASHING
	120/208V " " 3#12 IN 3/4"C
	SURFACE OR PENDANT MOUNTED FLOURESCENT FIXTURE

SWITCHBOARD SCHED.

BRKR	LOAD
1	PANEL PPA
2	PANEL PPB
3	PANEL PPC
4	PANEL SP
5	PANEL BP
6	SPARE
7	SPARE

SWITCHGEAR DETAIL

NOT TO SCALE

①	225 3P KAH	C.T. COMPARTMENT
②	225 3P KAH	
③	225 3P KAH	
④	225 3P KAH	
⑤	175 3P KAH	1200A BOLT-LOCK SWITCH WITH 1200A CU FUSES
⑥	225 3P KAH	
⑦	225 3P KAH	

MEDER BY UTILITY CO.

FIRE ALARM RISER DIAGRAM

NOT TO SCALE

TELEPHONE RISER DIAGRAM

NOT TO SCALE

PANELBOARD RISER

NOT TO SCALE

PUMP HOUSE PLAN

1/4"=1'-0"

TYPICAL TV OUTLET RISER

NOT TO SCALE

CONDUIT & SUPPORT FOR FUTURE ANTENNA

TELEVISION & ANTENNA SYSTEM

NOT TO SCALE

STAGE LIGHTING DIAGRAM

NOT TO SCALE

NOTE: SEE SPECS FOR FIXTURE TYPES & PLAN FOR DIMENSIONS

CEILING BEAMS

2-#ACM5-3C-3TLG-CH/MOD.

FIRST BORDER 2-#ACM5-3C-3TLG-CH/MOD.

SECOND BORDER 1-#ACM32-4C-22TLG-UH