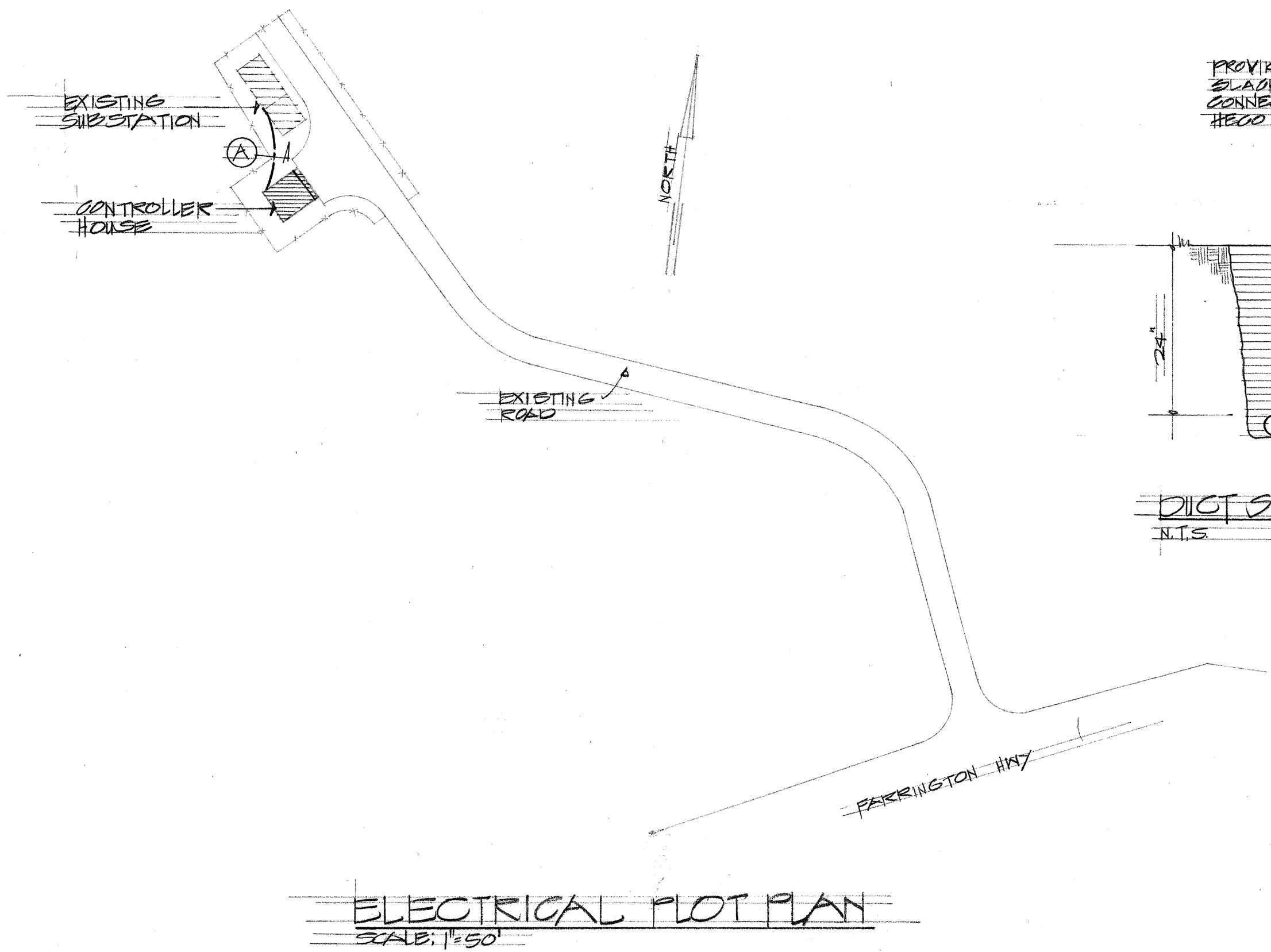
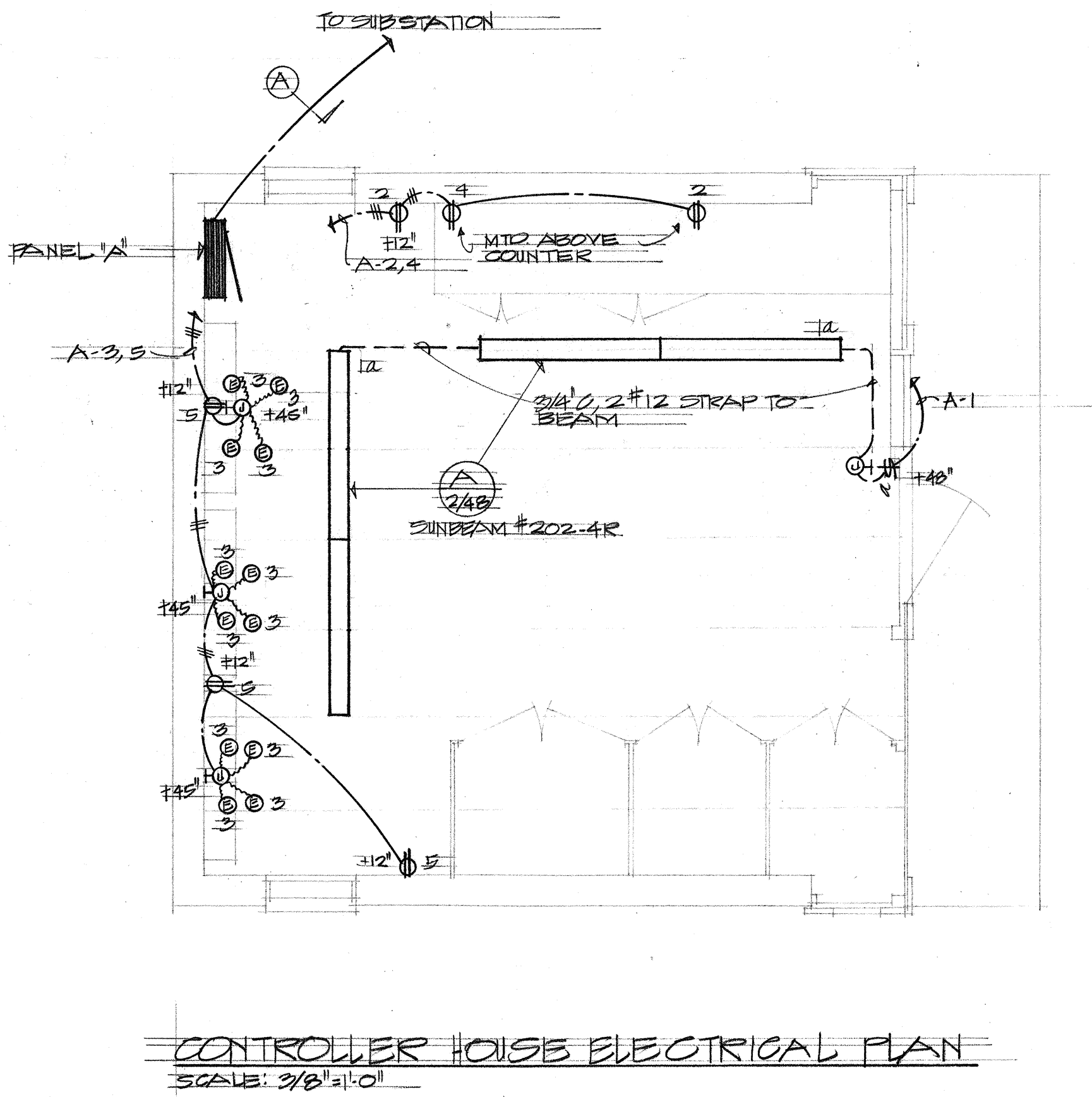
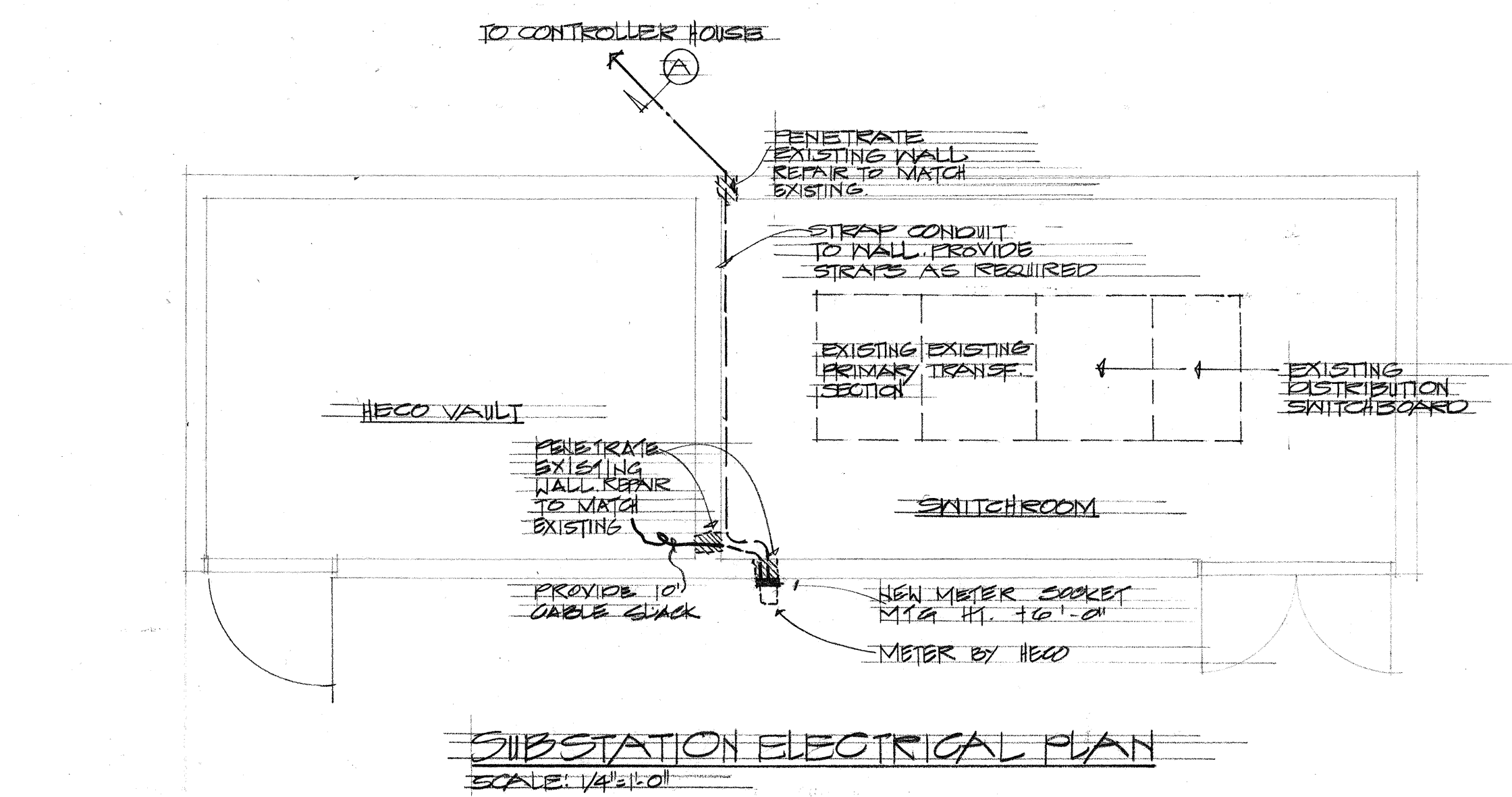
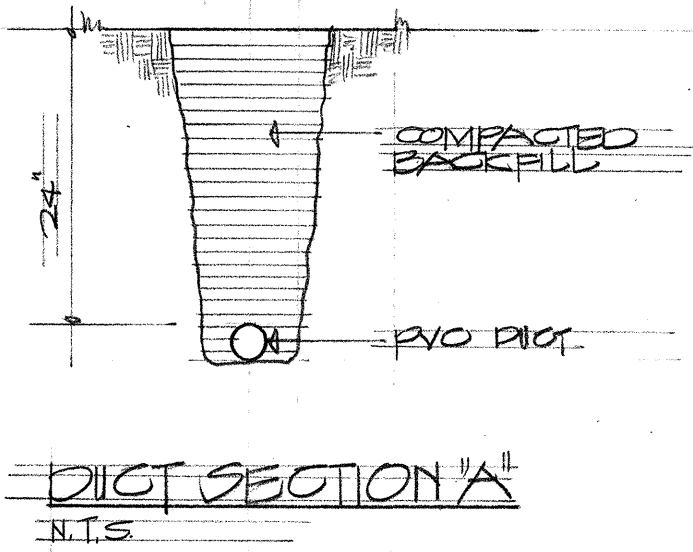
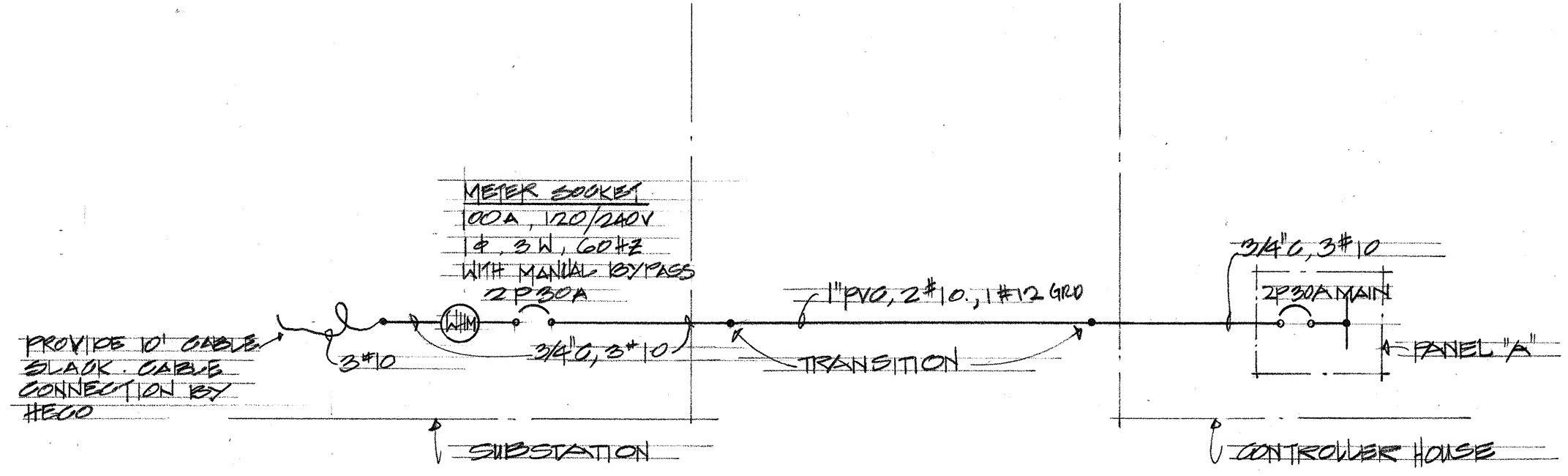


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(102)8	1979	29	38



PANEL 'A'		120/240 VOLTS 1 PHASE 3 WIRE BREAKER MIN. A.I.C. 5000 SIRF MFG. 300A MAIN BKR.	
Q. NO.	USE	CIRCUIT BREAKER RULS AMPS	CONNECTED LOAD (KVA)
1	LIGHTS	20	A 0.4 B 0.9 C 1.2
2	RECEP.		
3	CONTROLLERS		
4	RECEP.		
5	RECEP.		
6	RECEP.		
7	SPARE		
8			
TOTAL LOAD/PHASE			3.8 4.1 4.1
TOTAL DEMAND FACTOR			7.9 KVA
DEMAND LOAD			6.3 KVA

ELECTRICAL SYMBOL LIST	
[Symbol]	LIGHT, FLUORESCENT, CEILING MOUNTED
[Symbol]	SWITCH, FLUSH MOUNTED
[Symbol]	INDICATES FIXTURE OR DEVICE CONTROLLED BY SWITCH 'A' OTHER LETTERS SAME
[Symbol]	RECEPTACLE, DUPLEX
[Symbol]	JUNCTION BOX, WALL MOUNTED
[Symbol]	EQUIPMENT CONNECTION
[Symbol]	TRANSFORMER
[Symbol]	CONDUIT, EXPOSED
[Symbol]	CONDUIT, CONCEALED BELOW FLOOR OR FINISHED GRADE
[Symbol]	HASH MARKS INDICATES NUMBER OF WIRES WITHIN
[Symbol]	ARROW, HOWERIN, LETTER INDICATES PANEL, NUMBERS INDICATES CIRCUITS
[Symbol]	FLEXIBLE CONDUIT
[Symbol]	ELECTRIC PANEL
[Symbol]	INDICATOR FOR DIET SECTIONS
[Symbol]	INDICATOR FOR FIXTURE TOP HALF = FIXTURE TYPE BOTTOM HALF = NO. OF LAMPS & WATTAGE OR LENGTH



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

CLARENCE C. K. K.
REGISTERED PROFESSIONAL
ENGINEER
No. 1765
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAI'AOA INTERCHANGE
WATER SPRINKLER SYSTEM
PROJ # I-HI-1(102)8

ELECTRICAL PLAN