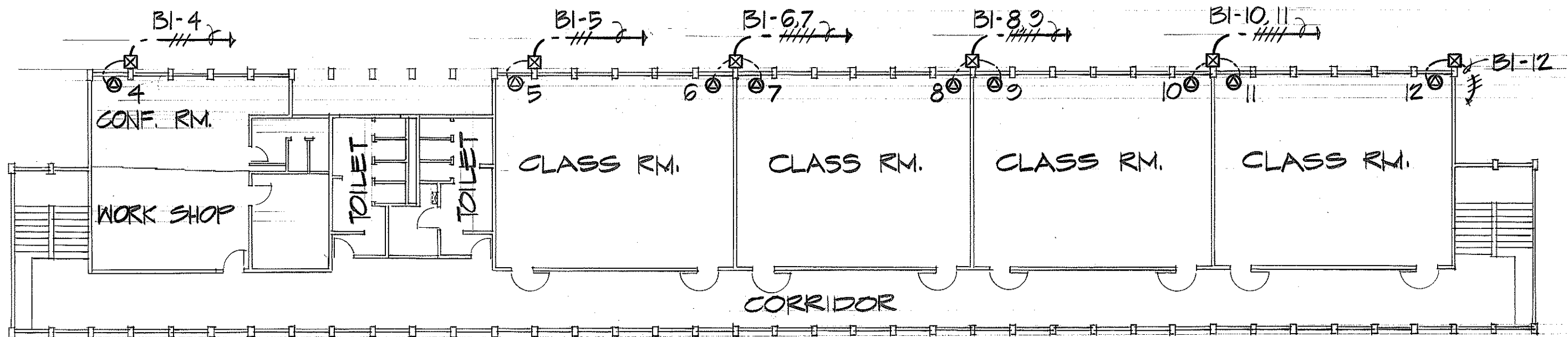


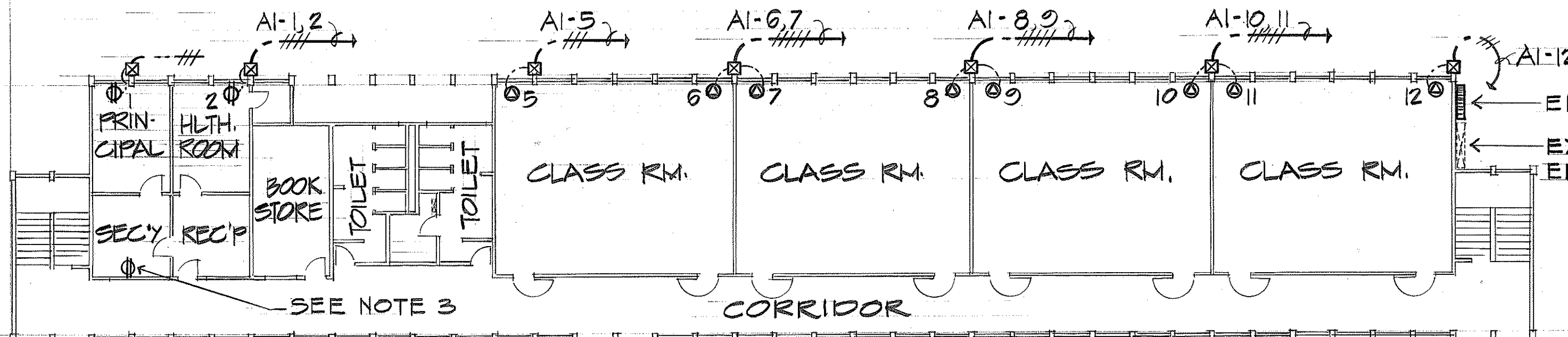
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(142):16	1975	4	4

LEGEND:

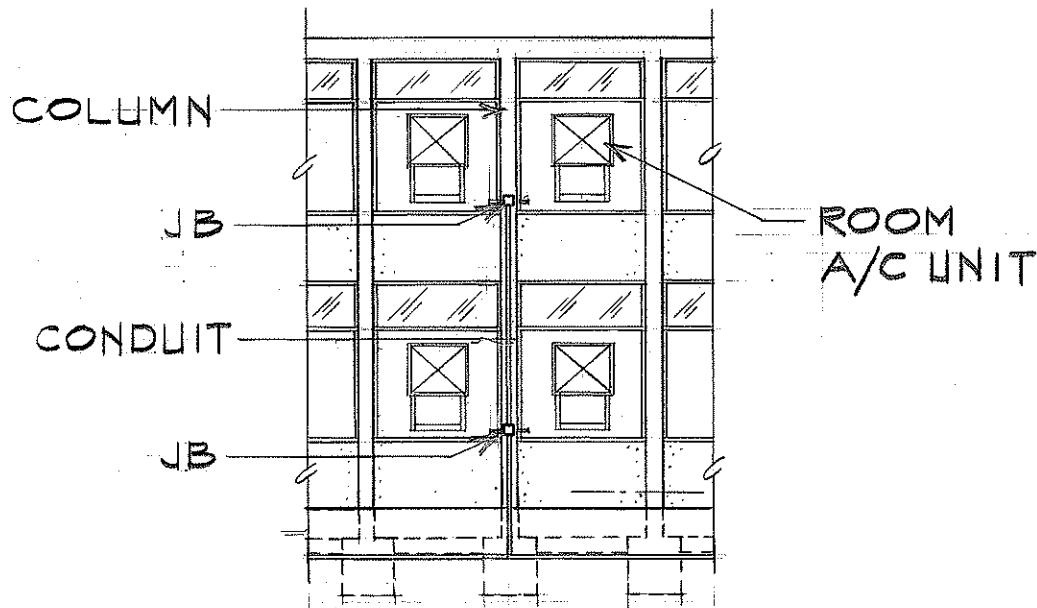
- ⊕ DUPLEX RECEPTACLE
- ⊙ SPECIAL RECEPTACLE 30A, 250V, 3 POLE, NEMA 6-30R TO MATCH A.C. PLUG
- ⊠ JUNCTION BOX
- ▢ ELECTRICAL ENCLOSURE
- ▤ EXISTING ELECTRICAL ENCLOSURE
- CONDUIT CONCEALED BELOW FIN. GRADE, SLASHES INDICATES NUMBER OF WIRES
- EXPOSED SURFACE CONDUIT



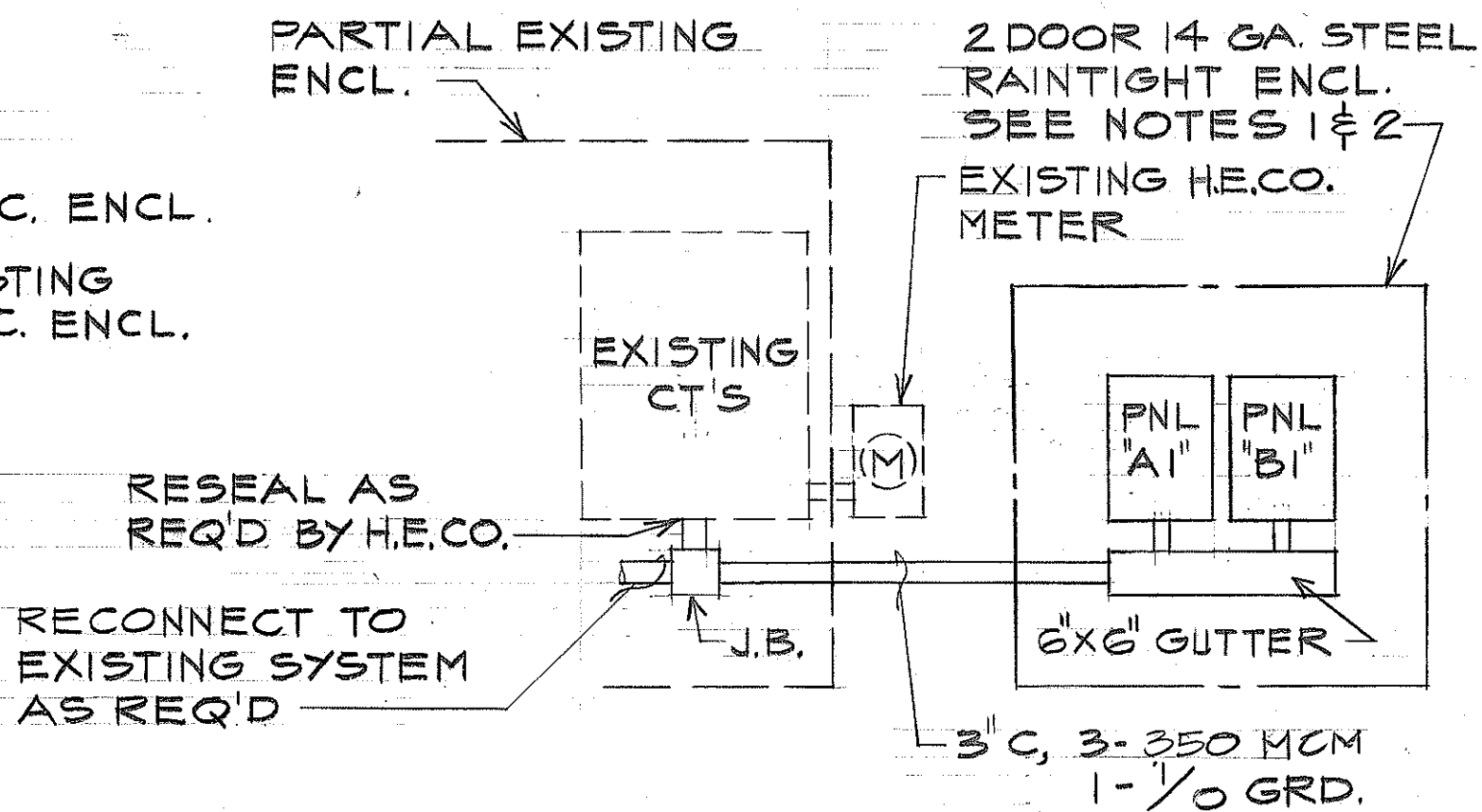
SECOND FLR. ELECTRICAL PLAN
SCALE: 1/16" = 1'-0"



FIRST FLR. ELECTRICAL PLAN
SCALE: 1/16" = 1'-0"



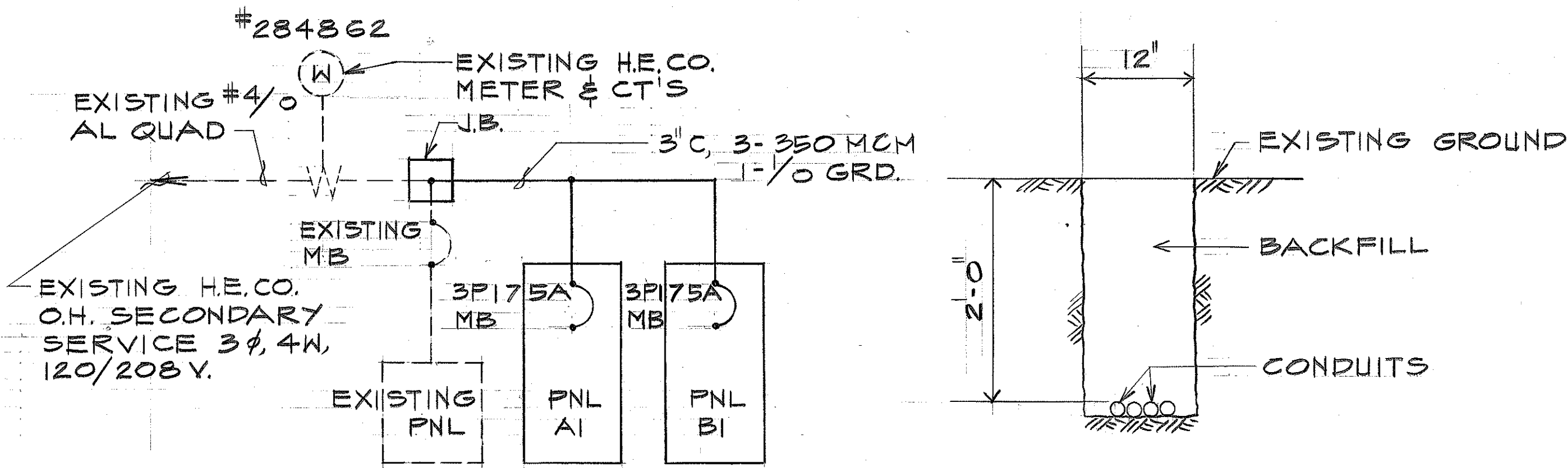
TYPICAL ELEVATION
SCALE: 1/8" = 1'-0"



PANEL ENCLOSURE ELEV.
NO SCALE

PANEL "A1"					120/208 VOLTS, 3 Ø, 4WSN BREAKER MIN. 5000 AIC, SURFACE MTD 225A MAIN			
CKT. NO.	BREAKERS POLE	AMPS	USE		A	B	C	WIRE SIZE
1	1	40	A.C. UNIT (SPARE PANEL B1)		1.4			#12
2	1	40	A.C. UNIT (SPARE PANEL B1)		1.4			#12
3	2	40	SPARE		2.0		2.0	—
4	2	40	SPARE (A.C. UNIT #9 PANEL B1)		(2.0)		(2.0)	#10
5	2	40	A.C. UNIT #1		2.0	2.0		#10
6	2	40	A.C. UNIT #2		2.0	2.0		#10
7	2	40	A.C. UNIT #3			2.0	2.0	#10
8	2	40	A.C. UNIT #4			2.0	2.0	#10
9	2	40	A.C. UNIT #5		2.0		2.0	#10
10	2	40	A.C. UNIT #6		2.0		2.0	#10
11	2	40	A.C. UNIT #7		2.0	2.0		#10
12	2	40	A.C. UNIT #8		2.0	2.0		#10
TOTAL LOAD/PHASE					18.8	12.0	12.0	
TOTAL DEMAND					42.8			
DEMAND LOAD					38.5			

NOTE: PANEL "B1" SIMILAR EXCEPT AS NOTED.



ONE LINE DIAGRAM
NO SCALE

TYP. CONDUIT TRENCHING
SCALE: 1" = 1'-0"

NOTES:

- 3/4" PLYWOOD BACKING FOR EQUIP. SHALL CONFORM TO SECTION 645 OF THESE SPECIFICATIONS.
- SESAME LOCK W/ 2 KEYS FOR SCHOOL MAINTENANCE.
- REPLACE EXISTING RECEPTACLE W/ GROUNDED, FLUSH MOUNTED DUPLEX RECEPTACLE FOR A.C. UNIT. PROVIDE LENGTH OF AC CORD TO SUIT.



THIS WORK WAS DONE BY ME OR UNDER MY SUPERVISION

C. W. Y. Chang

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HOLY FAMILY SCHOOL
AIR CONDITIONING INSTALLATION
ELECTRICAL PLAN

FA. Proj. No. I-HI-1(142):16
SCALE: AS SHOWN DATE: NOV. 11, 1975
SHEET NO. E-1 OF 1 SHEETS