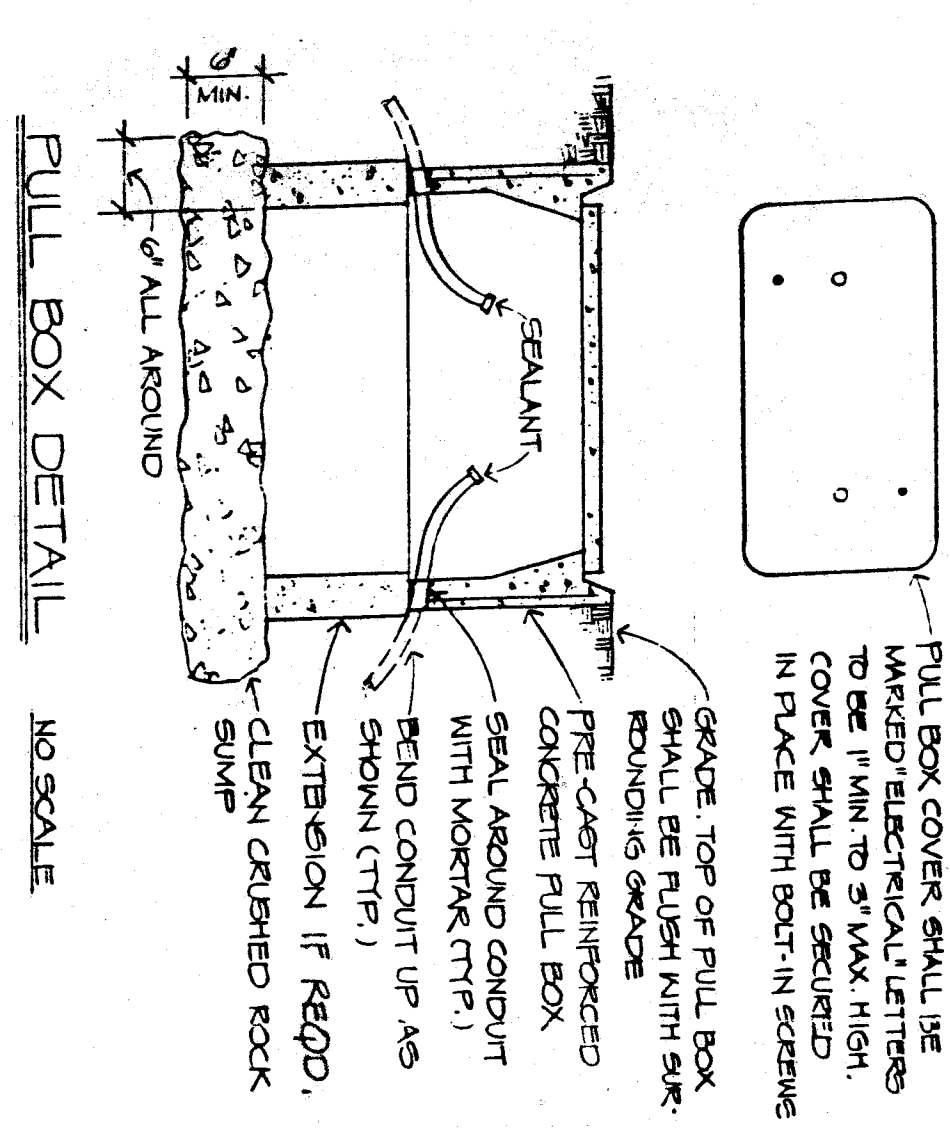
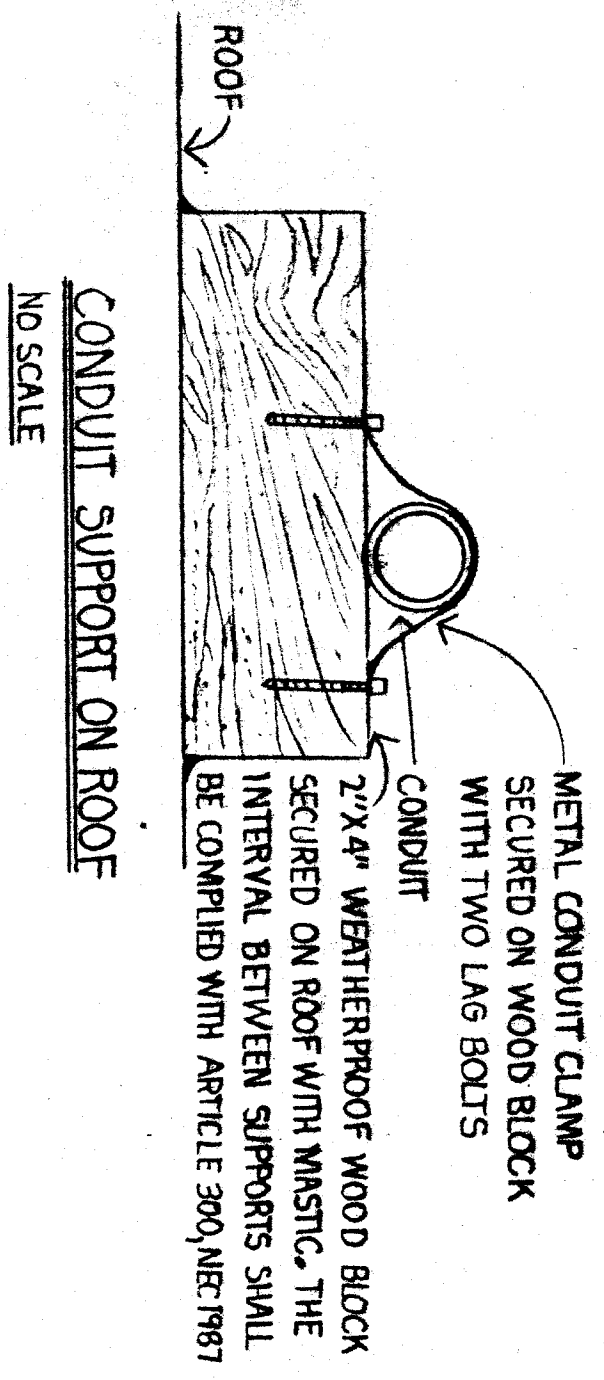


ALL ELECTRICAL EQUIPMENT LESS THAN 500 POUNDS SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:
 FIXED EQUIPMENT ON GRADE 2% OF OPERATING HEIGHT
 EMERGENCY EQUIPMENT ON STRUCTURE 3% OF OPERATING HEIGHT
 EMERGENCY POWER EQUIPMENT ON 3% OF OPERATING HEIGHT
 STRUCTURE 50% OF OPERATING HEIGHT
 FOR FLEXIBLY MOUNTED EQUIPMENT USE 2 X THE ABOVE VALUES.
 SIMULTANEOUS VERTICAL FORCE--USE 1/3 X HORIZONTAL FORCE.
 WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION ENGINEER AND THE FIELD REPRESENTATIVE OF THE ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.



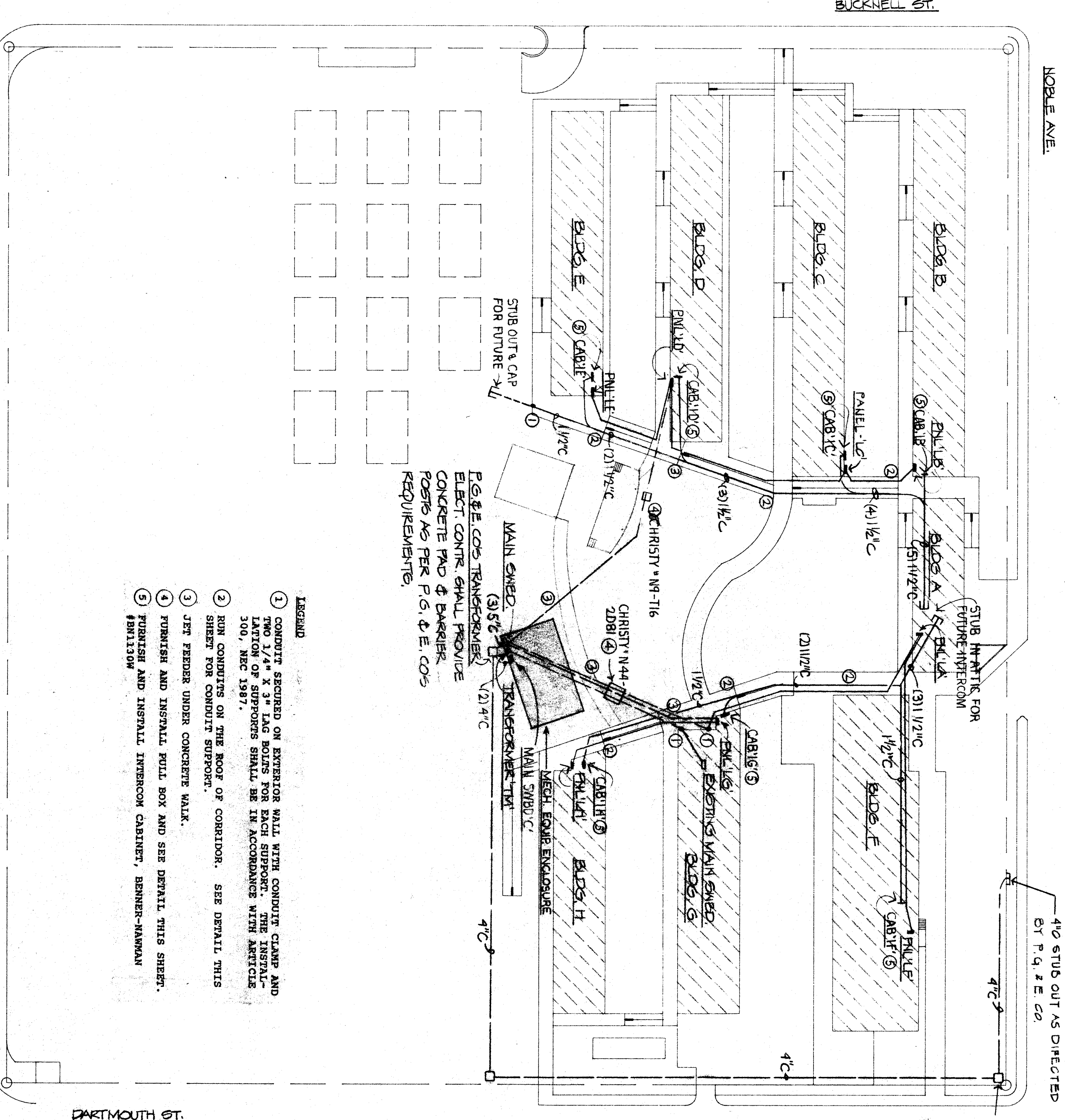
ELECT. PANEL - LA		277/480V 3Ø 4W	
CIRC. BREAKER NO.	REMARKS	A	B
1	A.C. UNIT	153A	4240
2		4240	4240
3		4240	4240
4		4240	4240
5		4240	4240
6		4240	4240
7	A.C. UNIT	153A	4240
8		4240	4240
9		4240	4240
10		4240	4240
11		4240	4240
12		4240	4240
13		4240	4240
14		4240	4240
15		4240	4240
16		4240	4240
17		4240	4240
18		4240	4240
19		4240	4240
20		4240	4240
21		4240	4240
22		4240	4240
23		4240	4240
24		4240	4240
TOTAL WATT:		35520	32760
TOTAL CONNECTED LOAD: 89 KW		MAX. AMP. 613.1 A	
MAINS: 200A/3P CIRC. BRKR.			
FEEDER: 2 1/2" C-4 #4/0			

ELECT. PANEL - LB		277/480V 3Ø 4W	
CIRC. BREAKER NO.	REMARKS	A	B
1	SPACE	3120	
2	SPACE	3120	
3	SPACE	3120	
4	SPACE	3120	
5	SPACE	3120	
6	SPACE	3120	
7	SPACE	3120	
8	SPACE	3120	
9	SPACE	3120	
10	SPACE	3120	
11	SPACE	3120	
12	SPACE	3120	
TOTAL WATT:		3810	3120
TOTAL CONNECTED LOAD: 10 KW		MAX. AMP. 61.2 A	
MAINS: 50A/3P CIRC. BRKR.			
FEEDER: 1" C-4 #8			

ELECT. PANEL - LC		277/480V 3Ø 4W	
CIRC. BREAKER NO.	REMARKS	A	B
1	SPACE	3120	
2	SPACE	3120	
3	SPACE	3120	
4	SPACE	3120	
5	SPACE	3120	
6	SPACE	3120	
7	SPACE	3120	
8	SPACE	3120	
9	SPACE	3120	
10	SPACE	3120	
11	SPACE	3120	
12	SPACE	3120	
TOTAL WATT:		3810	3120
TOTAL CONNECTED LOAD: 20 KW		MAX. AMP. 61.2 A	
MAINS: 70A/3P CIRC. BRKR.			
FEEDER: 1 1/2" C-4 #4			

- GENERAL DEMOLITION NOTES:
- REMOVE AND/OR RE-COURE AND RECONNECT ANY EXISTING CIRCUITS INTERRUPTED BY DEMOLITION WORK THAT MAY BE REQUIRED. ALL EXISTING EQUIPMENT THAT IS REMOVED SHALL BE RETURNED TO OWNER.
 - REMOVE AND/OR RE-COURE AND RECONNECT ANY EXISTING ELECTRICAL WORK WHICH INTERFERES WITH NEW CONSTRUCTION AS REQUIRED.
 - ALL CONDUITS SHALL BE CONCEALED, UNLESS SPECIFICALLY PERMITTED IN JOB. EXISTING ELECTRICAL WIRE RAYS AND PAGES, WHERE LOCATED TO BE OF VALUE FOR RE-USE, SHALL BE INSTALLED IN A MANNER TO BE OF SATISFACTION OF THE ARCHITECT.
 - EXISTING ELECTRICAL WIRE RAYS AND PAGES, WHERE LOCATED TO BE OF VALUE FOR RE-USE, SHALL BE INSTALLED IN A MANNER TO BE OF SATISFACTION OF THE ARCHITECT.
 - INSTALL NEW CONDUCTORS WHERE EXISTING OUTLET BOXES ON RACKS ARE USED. DO NOT USE EXISTING CONDUCTORS. MINIMUM WIRE SIZE SHALL BE #12 AWG CU UNLESS OTHERWISE NOTED.
 - REMOVE CONDUCTORS FROM ANY ABANDONED RACKS.
 - PATCH ANY EXISTING SURFACES WHICH ARE DAMAGED DURING CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES.

- ELECTRICAL SYMBOL SCHEDULE
- FLUORESCENT FIXTURE.
 - BRACKET LIGHT, WALL MOUNTED.
 - SWITCH, SINGLE POLE 44'-0".
 - SWITCH, SINGLE POLE 44'-0".
 - 3-WAY SWITCH 44'-0".
 - DUPLEX RECEPTACLE, WALL MOUNTED +12", UNLESS OTHERWISE NOTED 15A 3W.
 - NUMBER ADJACENT TO SYMBOL INDICATES CIRCUIT NUMBER OUTLET TO BE WIRING ON. LETTER ADJACENT INDICATES TO BALLAST CONTROLLED BY DESIGNATED ATC CONTROL.
 - JUNCTION BOX.
 - FLOOR OUTLET.
 - MOTOR OUTLET.
 - DISCONNECT SWITCH.
 - FUSIBLE DISCONNECT SWITCH, NUMBER OF POLES AS REQUIRED. 15/30 DENOTES 15A TIME DELAY TYPE FUSES IN 30A DISCONNECT SWITCH.
 - WIRES IN CONDUIT, CONCEALED IN WALL OR OVERHEAD.
 - WIRES IN CONDUIT, CONCEALED UNDERGROUND.
 - FLEXIBLE CONDUIT.
 - NUMBER OF CROSSHATCHES INDICATES NUMBER OF 12 AWG WIRES IN CONDUIT IF MORE THAN TWO.
 - DENOTES 1/2" C-3 #12.
 - DENOTES 1/2" C-4 #12.
 - DENOTES 3/4" C-3 #12.
 - HOMERUN OF CIRCUIT AND WIRING, CIRCUIT #2 TO PANEL 'A'.
 - BRICK/ROOST TRANSFORMER.
 - WEATHERPROOF.
 - PLUG STRIP, SURFACE MOUNTED. RECEPTACLE SPACING 48"
- EXISTING ELECTRICAL DEVICE TO REMAIN.
 - EXISTING ELECTRICAL DEVICE TO BE REMOVED, MARK OFF OUTLET, SWITCH AND PATCH WALL TO MATCH SURROUNDING.
 - EXISTING LIGHT TO REMAIN.
 - EXISTING LIGHT TO BE REMOVED, CUT CONDUIT FUSE TO SURFACE, CAP CONDUIT, PATCH CEILING TO MATCH SURROUNDING.
 - EXISTING WIREMULL TO BE REMOVED.
 - DENOTES EXISTING.
 - EXISTING CONDUIT TO BE REUSED. PULL NEW WIRES AS REQUIRED.
 - DUPLEX RECEPTACLE 20A 3W.
 - 4-WAY SWITCH + 4'-0".
 - SWITCH AND BY-PASS NEW SWITCH FOR LIGHTING CONTROL.
 - MOTOR STARTER & DISCONNECT SWITCH.



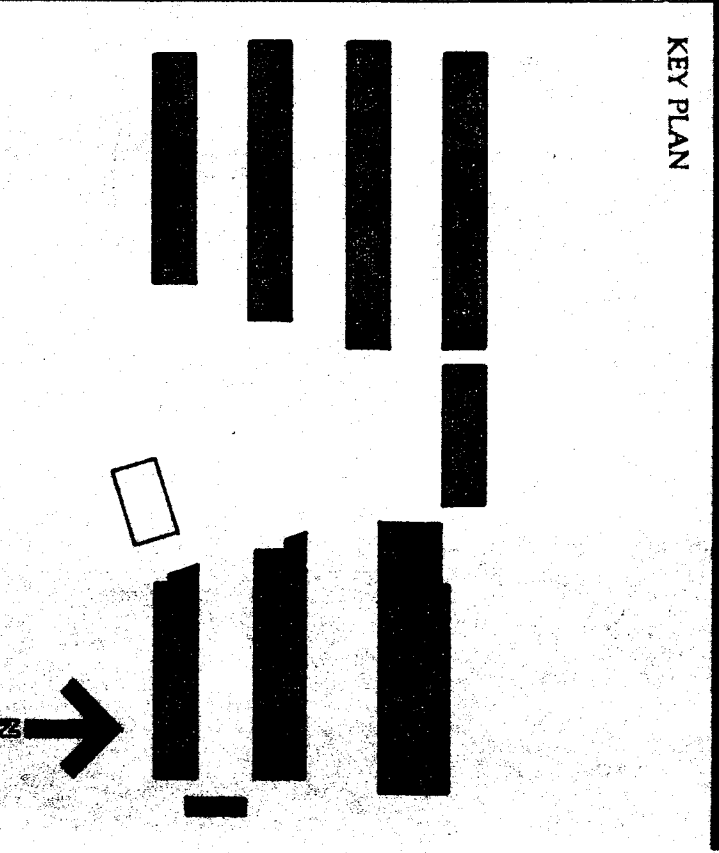
- LEGEND
- CONDUIT SECURED ON EXTERIOR WALL WITH CONDUIT CLAMP AND TWO 1/4" X 3" LAG BOLTS FOR EACH SUPPORT. THE INSTALLATION OF SUPPORTS SHALL BE IN ACCORDANCE WITH ARTICLE 300, NEC 1987.
 - RUN CONDUITS ON THE ROOF OF CORRIDOR. SEE DETAIL THIS SHEET FOR CONDUIT SUPPORT.
 - JEK FEEDER UNDER CONCRETE WALK.
 - FINISH AND INSTALL PULL BOX AND SEE DETAIL THIS SHEET.
 - FINISH AND INSTALL INTERCOM CABINET, BENNER-HAMMAN #811310

ELECTRICAL SITE PLAN

DATE: 5/24/89
 SHEET NO. 01 OF 03

DATE	APPROVED	REVISIONS
5-24-89	[Signature]	ISSUED FOR PERMITS
5-24-89	[Signature]	REVISED

BAKERSFIELD CITY SCHOOL DISTRICT
 BOARD OF EDUCATION



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WASHINGTON JUNIOR HIGH SCHOOL MODERNIZATION

BAKERSFIELD CITY SCHOOL DISTRICT

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SHEET NUMBER: E-1

OF 3 SHEETS