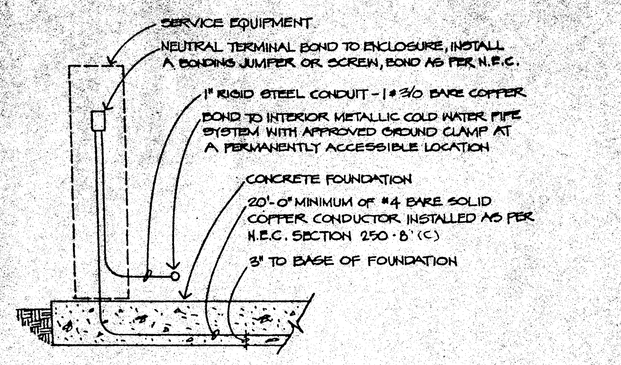
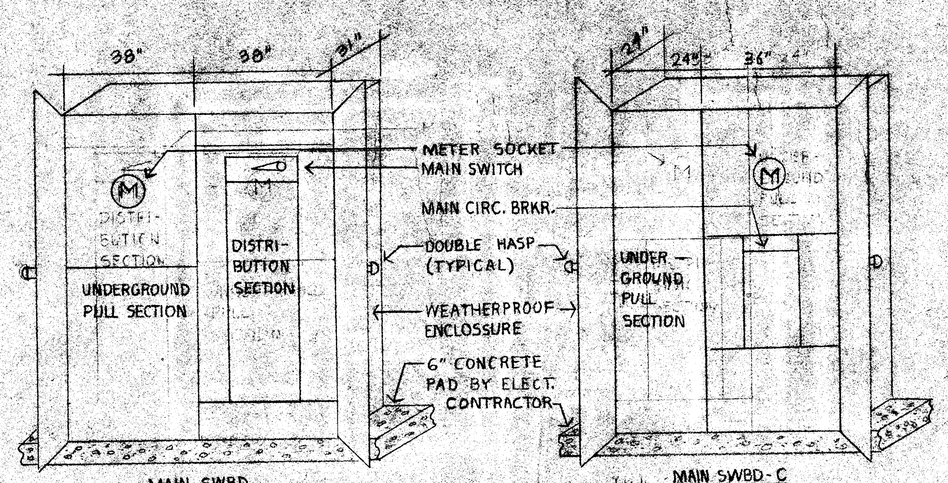
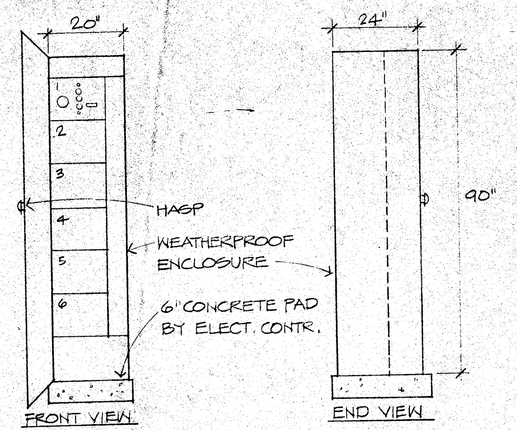


CONCRETE-ENCASED GROUND DETAIL
NO SCALE

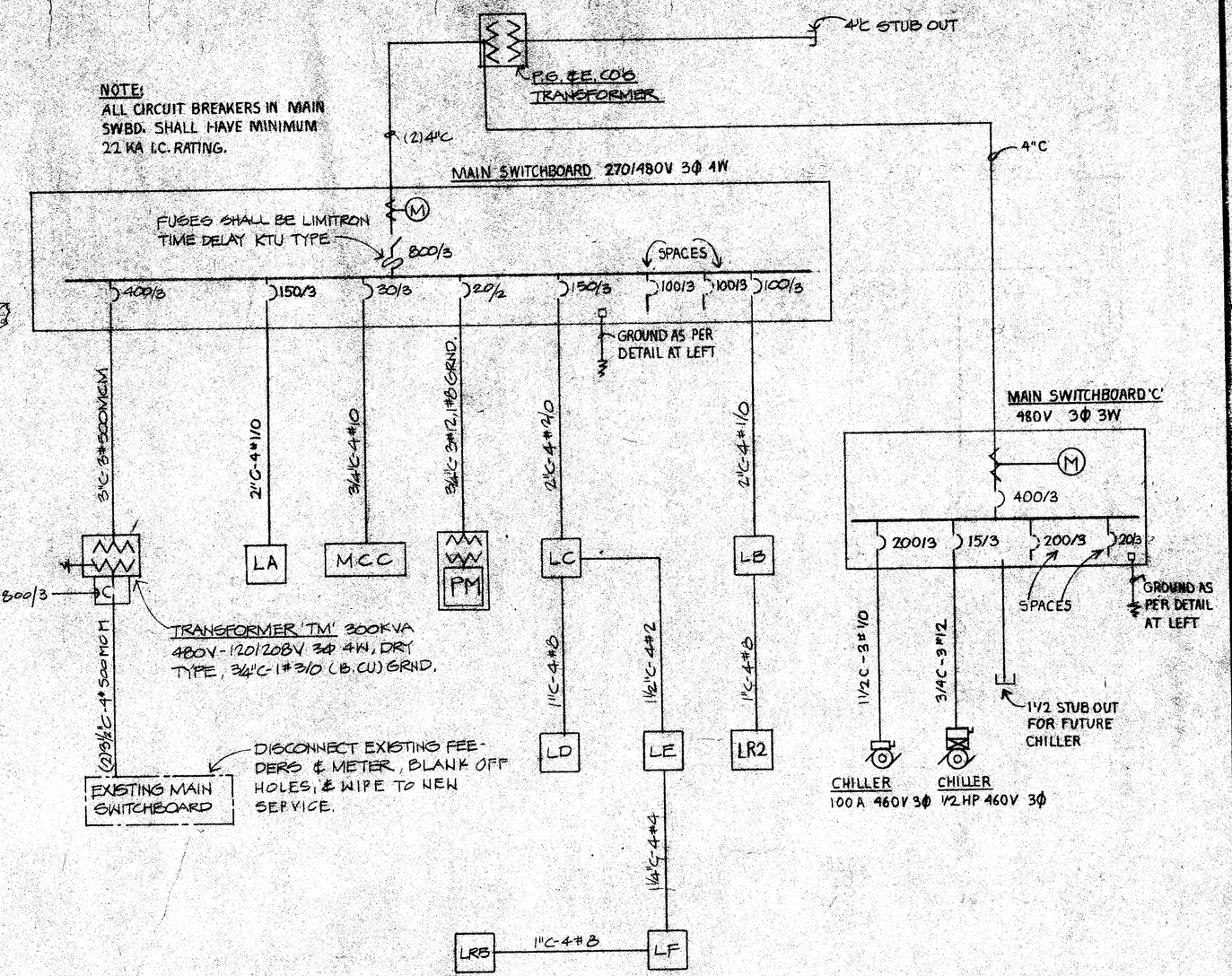


MAIN SWITCHBOARD DETAILS
SCALE: 1/2" = 1'-0"

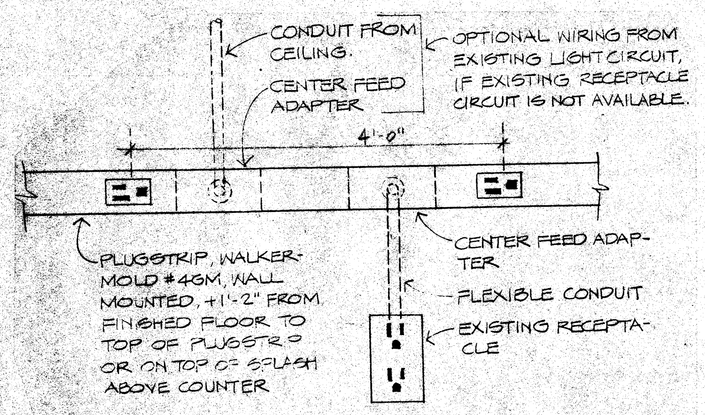


MOTOR CONTROL CENTER DETAIL
SCALE: 1/2" = 1'-0"

MOTOR CONTROL CENTER (MCC) SCHED.							
CIR. No.	LOAD	HP	FUSIBLE SWITCH SIZE	FUSIBLE SWITCH FUSES	MOTOR STARTER SIZE	MOTOR STARTER TYPE	FLA
1	SYSTEM PUMP	3	30	8	0	FVNR	4.8
2	↓	3	30	8			4.3
3	HOT WATER PUMP	3/4	30	2½			1.4
4	↓	3/4	30	2½			1.4
5	ICE BUILDER PUMP	1½	30	4	↓	↓	2.6
6	SPACE						



LINE DIAGRAM



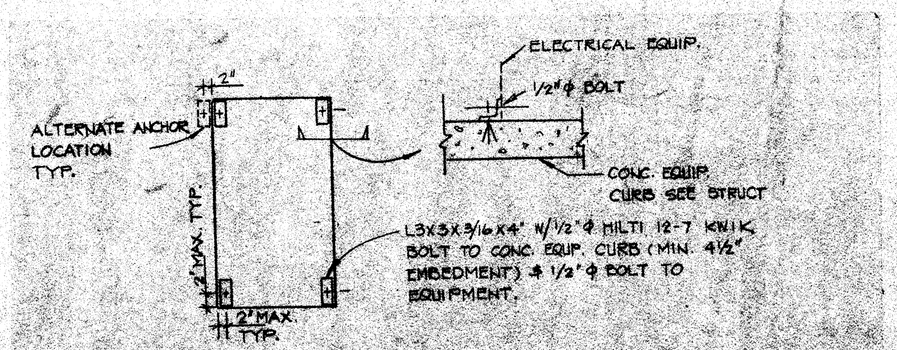
TYPICAL PLUGSTRIP INSTALLATION
NO SCALE

NOTE: PLUGSTRIP IN FRONT & SIDE OF THE CLASSROOM SHALL BE WIRED ON TWO EXISTING DEDICATED CIRCUITS, AND THE PLUGSTRIP ABOVE THE COUNTER ON ONE. PLUGSTRIP SHALL BE PAINTED AS NOTED IN SPEC SECTION 09910

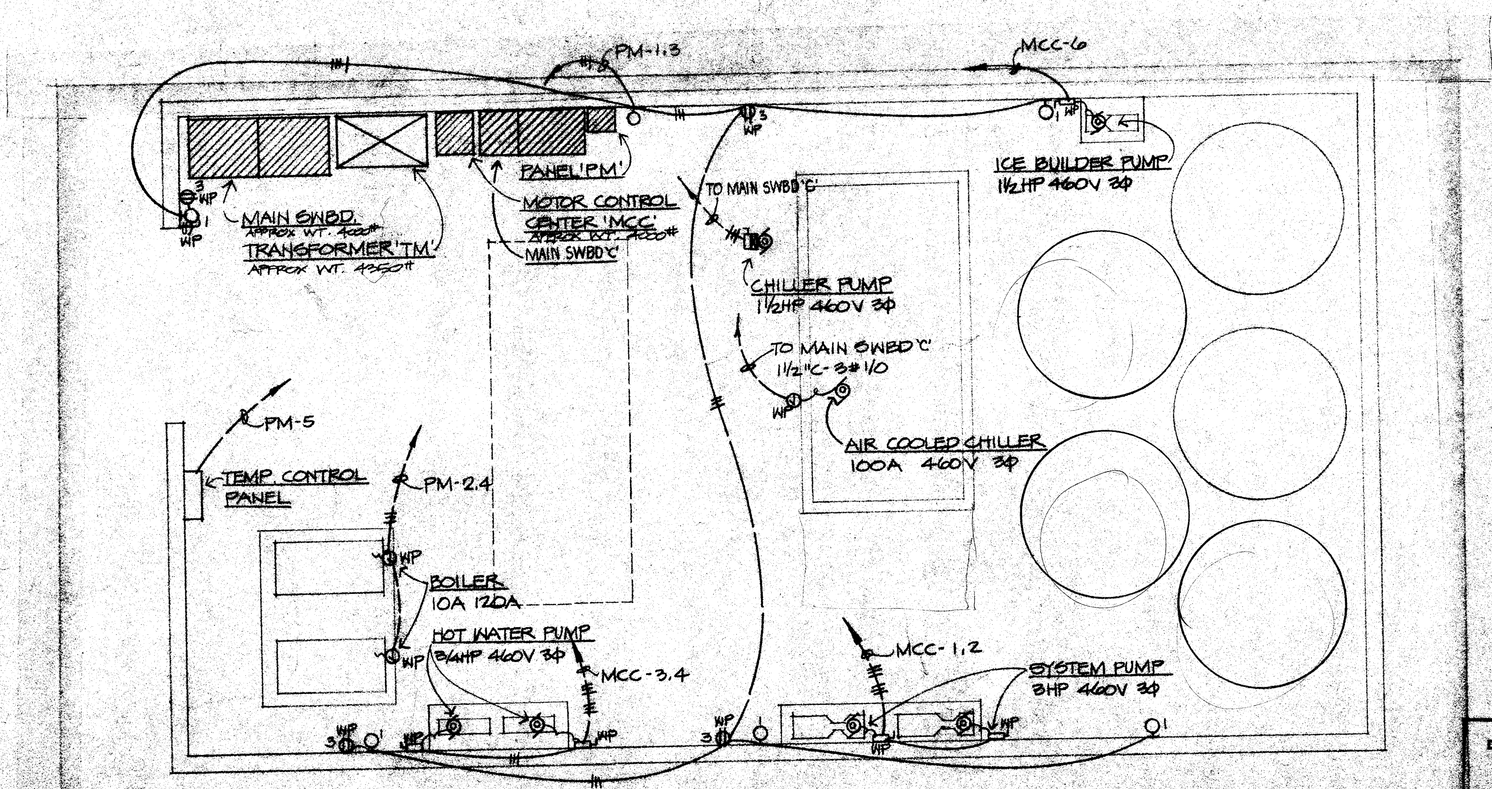
ELECT. PANEL - PM				120/240V 3Ø 4W SURFACE MT'D ON WALL	
CIRC. NO.	BRKR. AMP	BRKR. POLE	REMARKS	WATT A	WATT C
1	70		LIGHTS	600	
2			BOILER	1200	
3			DUPLEX RECEPTACLES		800
4			BOILER		200
5	↓	↓	TEMP. CONTROL PNL.	200	
6			SPARE		
7					
8					
9					
10					
TOTAL WATT.				2000	1000

TOTAL CONN. LOAD: 4 KW MAX. AMP./Ø: 17 A
MAINS: 20A/2P CIRC. BRKR.
FEEDER: SEE LINE DIAGRAM AT RIGHT

PANEL 'PM' SHALL BE A 'PACKAGED POWER SUPPLY, 480V-120/240V 1Ø 3W, 5KVA, SQ.D #MP25640F.



ELECTRICAL EQUIPMENT ANCHORAGE DETAIL
NO SCALE



ELECTRICAL FLOOR PLAN - MECH. EQUIP. ENCLOSURE
SCALE: 1/4" = 1'-0"

NOTE: SEE ELECTRICAL EQUIPMENT ANCHORAGE DETAIL AT LEFT FOR MAIN SWBD, TRANSFORMER, MOTOR CONTROL CENTER, MOUNTING.

*EQ. UNIT

IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
DEC 13 1989
Structural Safety Section
File # 15 1550 9
APPROVED
FOR CONSTRUCTION ONLY
DEC 13 1989
OFFICE OF THE STATE ARCHITECT
SACRAMENTO, CALIFORNIA

RENFRO RUSSELL & ASSOCIATES
Architecture • Engineering • Interior Design/Space Planning
Donald W. Renfro AIA C 5283
Mark E. Russell AIA C 13726
4800 Stockdale Highway, Suite 304 Bakersfield, California 93309 (805) 327-7075

CONSULTANTS

EUGENE WU
CONSULTING ELECTRICAL ENGINEER
321 N. BLACKSTONE AVE., FRESNO, 93701
TELEPHONE (209) 264-4981

PROJECT

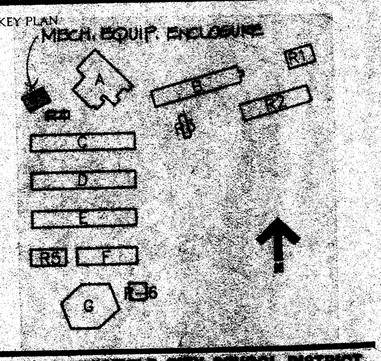
BAKERSFIELD CITY SCHOOL DISTRICT

FREMONT ELEMENTARY SCHOOL MODERNIZATION

THE ABOVE DRAWINGS AND SPECIFICATIONS AND IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREBY ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT AND NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE DRAWINGS OR SPECIFICATIONS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATIONS SHOWN ON THE DRAWINGS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

KEY PLAN:
MECH. EQUIP. ENCLOSURE



BAKERSFIELD CITY SCHOOL DISTRICT BOARD OF EDUCATION:

DATE	APPROVED

DATE	ISSUED FOR
9.3.91	BIDDING

DATE	REVISIONS

SHEET TITLE:
MECHANICAL EQUIPMENT ENCLOSURE

APPROVED ARCHITECT: [signature] DATE: 12-11-89
CHECKED: EW DATE: 12-11-89
DRAWN: KAS DATE: 12-11-89

SHEET NUMBER: E-5