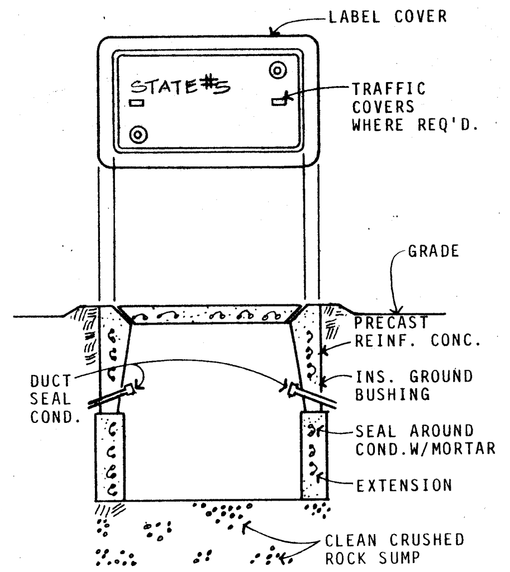
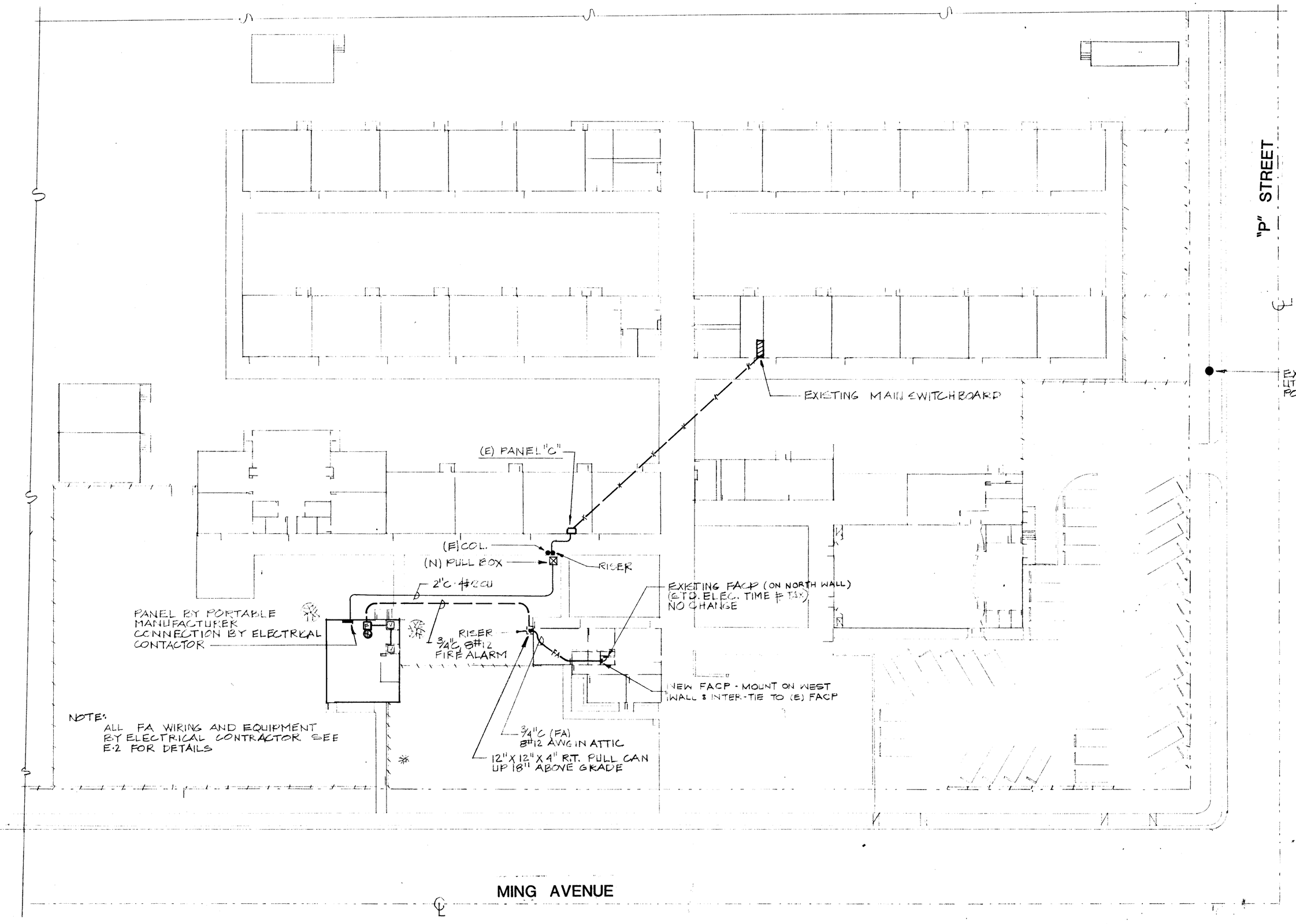


STATE #5 PULL BOX DETAIL (1/E-1)

N.T.S.

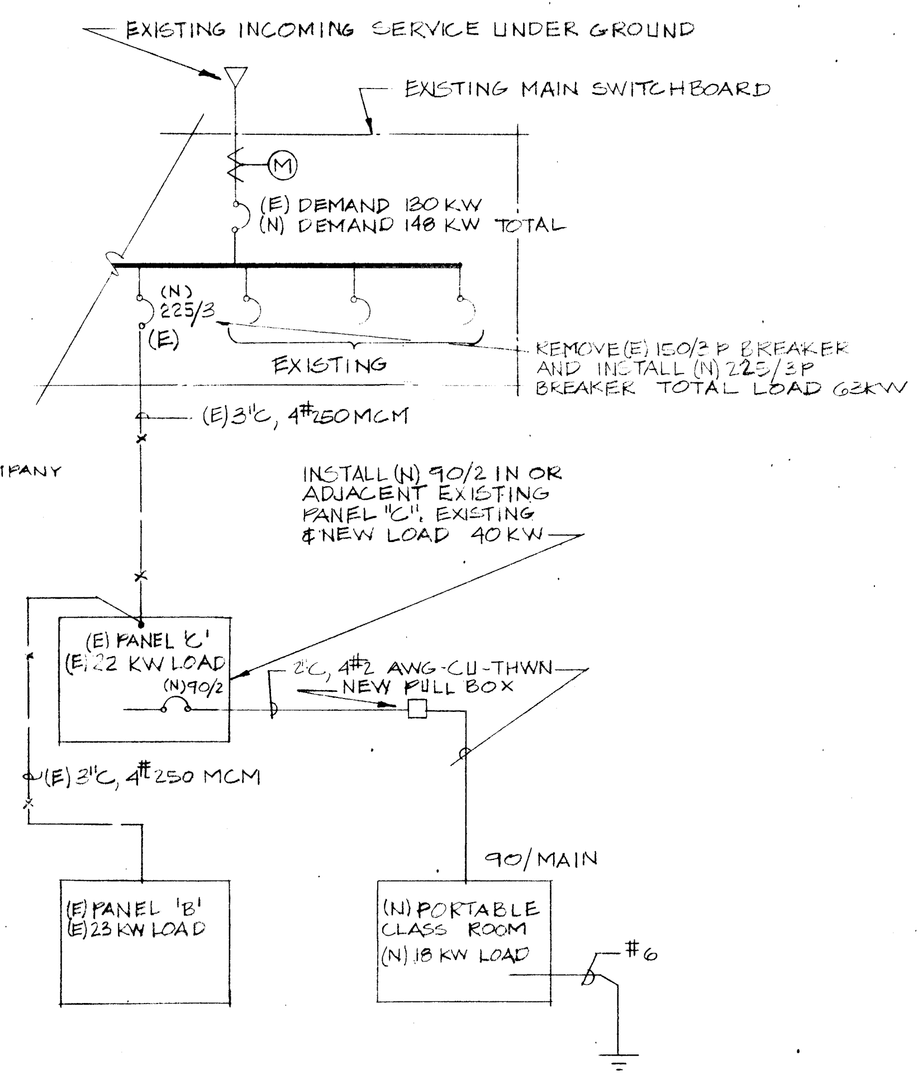
SYMBOL SCHEDULE

SYMBOL	NAME	DESCRIPTION
	EXISTING MAIN SWITCHBOARD	
	EXISTING PANEL	
—x—	EXISTING FEEDER	
	NEW UNDER GROUND FEEDER	
•	RISER	
⊠	NEW PULL BOX	
	NEW PORTABLE PANEL	
(N)	NEW	
(E)	EXISTING	
—FA—	NEW FIRE ALARM RACEWAY 3/4"C	
FA	FIRE ALARM	



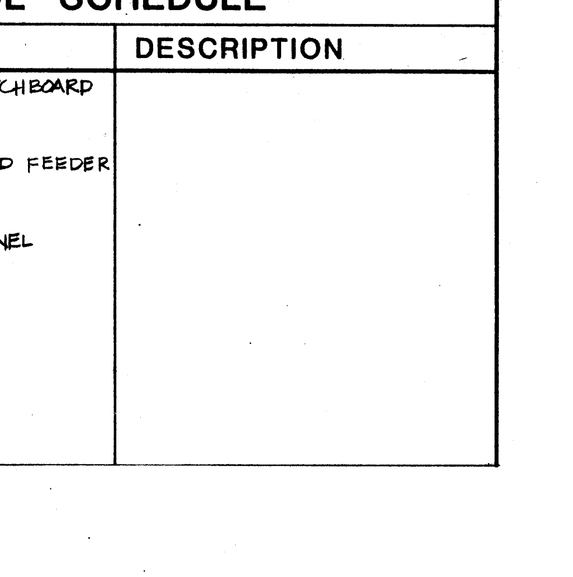
PARTIAL ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"



LINE DIAGRAM (2/E-1)

N.T.S.



NOTES:

1. SIZE OF CONDUCTORS SHALL COMPLY WITH NEC TABLE 250-95.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL AND TO METAL BUILDING FRAME (NEC 250-91). IN ADDITION TO THE DETAIL SHOWN ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE EMBEDDED AT LEAST 10' INTO THE SOIL IF AVAILABLE (NEC 250-81 AND 250-83).
3. ALL MODULES OF METAL FRAME BUILDINGS SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS INSTALL ADDITIONAL GROUND RODS (NEC 250-84) AS REQUIRED.
5. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TESTS.

GROUNDING DETAIL (3/E-1)

N.T.S.

OFFICE OF THE STATE ARCHITECT ACCESS COMPLIANCE SECTION
56074 APR 23 '91
APPLICATION PER Sec. 4450 NO.

REGISTERED PROFESSIONAL ENGINEER No. 5101 EXP. 4-30-93 STATE OF CALIFORNIA

Glenn Hartzell A.I.A.
26 'H' STREET, 93304 (805) 324-6416
P.O. BOX 2344, 93303, BAKERSFIELD, CALIFORNIA
ARCHITECT C-10298 DATE 4-19-91

BAKERSFIELD CITY SCHOOL DISTRICT
BY RESOLUTION OF THE BOARD OF TRUSTEES
APPROVED: _____ DATE _____

INTERSTATE ENGINEERING, INC.
Consulting Engineers
127 East Belmont Ave
Fresno, CA 93701
(209) 486-1182

PARTIAL ELECTRICAL SITE PLAN ~ LINE DIAGRAM ~ DETAILS ~ SCHEDULE

DATE 4-19-91 DRAWN

(PRE-K RELOCATABLE CLASSROOM)
WAYSIDE ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD, KERN COUNTY, CALIFORNIA

JOB NO. 153

SHEET NO. E-1

SHEET 1 OF 2