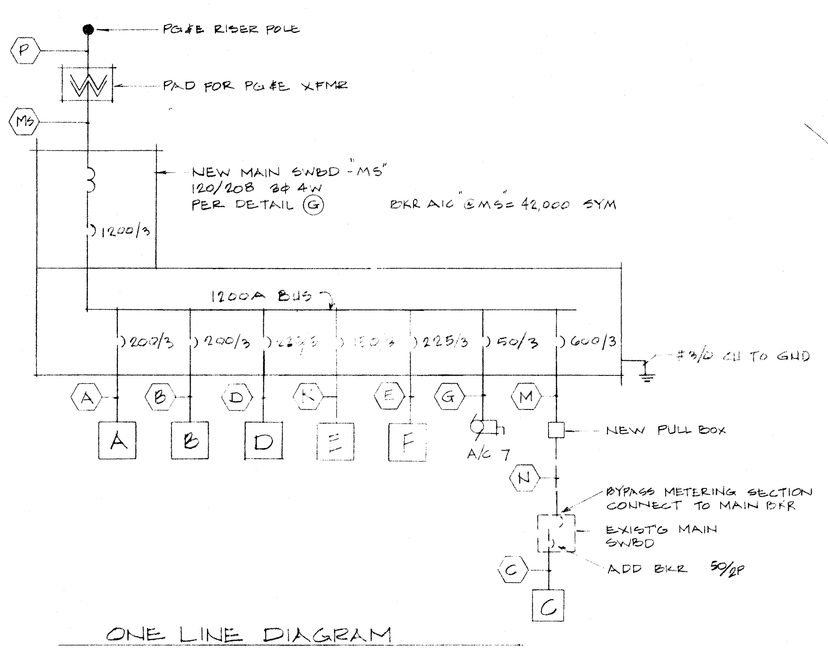


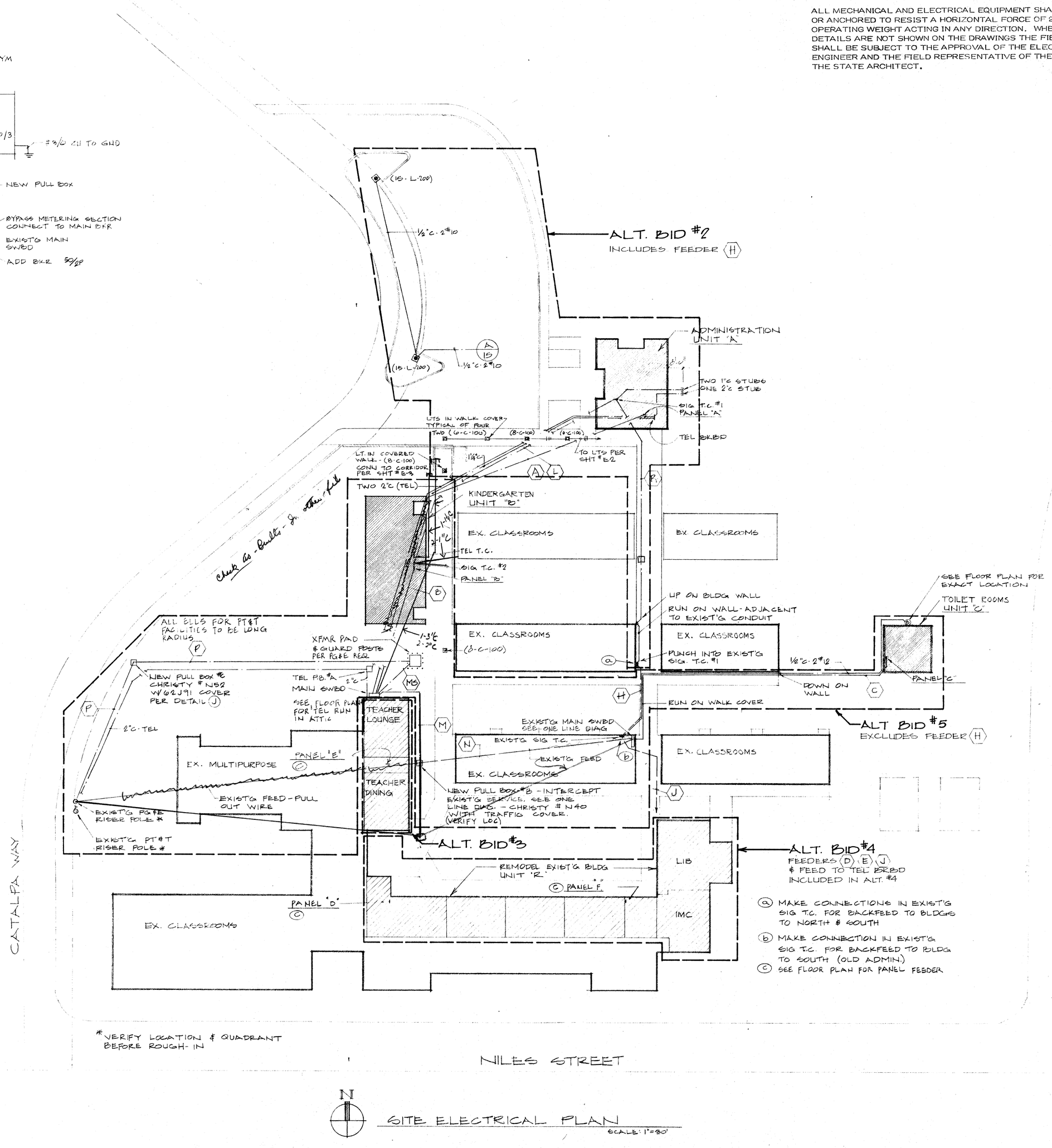
ONE LINE DIAGRAM

NO SCALE

ALL MECHANICAL AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE OF 20% OF ITS OPERATING WEIGHT ACTING IN ANY DIRECTION. WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ELECTRICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

CODE, RULES AND REGULATIONS

ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA ADMINISTRATIVE CODE, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE AND LOCAL ORDINANCES. NOTHING IN THESE PLANS OR SPECIFICATIONS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES. WHERE WORK OF A HIGHER DEGREE IS INDICATED IN THE PLANS OR SPECIFICATIONS, THIS REQUIREMENT SHALL GOVERN.



*VERIFY LOCATION & QUADRANT BEFORE ROUGH-IN

SITE ELECTRICAL PLAN

SCALE: 1"=30'

ELECTRICAL SYMBOLS

3-	CIRCUIT NUMBER (3-a-150)
-a-	FIXTURE TYPE (3-a-150)
-150	" WATTAGE (3-a-150)
(A/3)	HOME RUN ¾"C-MIN
⟶	CONDUIT RUN IN WALL OR CLG (½"C-2#12 AWG TW)
⟶	" " IN FLOOR OR U.G. (")
⟶	ANY CONDUIT RUN ½"C 3#12 AWG TW
⟶	" " " ¾"C-4#12 " "
⟶	" " " ¾"C-5#12 " "
⟶	" " " 1"C-6#12 " "
	TERMINAL CABINET SIZE AS SHOWN
	DISTRIBUTION PANEL
◂	TELEPHONE OUTLET IN WALL (+12" U.O.N.)
●	" " IN FLOOR *
⊜	DUPLEX RECEPTACLE IN WALL (+12" U.O.N)
⊙	" " IN FLOOR *
⊜	
J	JUNCTION BOX W/FLEX CONNECTION
O	CEILING MOUNTED FIXTURE
⊢O	BRACKET " " MT. AS SHOWN
▯	RECESSED " "
▭	FLUORESCENT "
◒	NIGHT LIGHT
⊠	EXIT "
M	MOTOR
⊘	EXHAUST FAN
$	SWITCH (+4'-6" U.O.N.)
$3	" THREE WAY (" ")
T	THERMOSTAT (")
S	TIME SWITCH
⊠	PHOTO CONTROL ON ROOF
⋈	FIRE ALARM HORN @ 9'-0"
F	FIRE ALARM PULL STATION @ +4'-6"
P	PROGRAM BELL @ 9'-0" UNLESS NOTED
C	PROGRAM CLOCK - MT AS NOTED
▣	POLE MOUNTED FIXT.

*VERIFY LOCATION BEFORE ROUGH-IN

FEEDER SCHEDULE

A	3"C-4#250MCM AL
B	2½"C-4#4/0 AL THW
C	1½"-3#6AL THW
D	3"C-3#250MCM, 1#1/0 NEUT.
E	3"C-6#3/0 AL THW, 2#1/0 NEUT
F	3/4"C-3#8
G	3/4"C-3#10
H	EXIST'G 1"C-#SIGNAL WIRING-PULL IN 8 ADDL #16
J	EXIST'G 1¼"C + SIGNAL WIRING TO OLD ADMIN
K	2"C-3#3/0, 1#1/0, AL THW
L	1½"C-2#12, 4#14 FA, 3#14, 2#16 PROG
M	TWO 3½"C-3#4/0 AL EACH
N	REPLACE EXIST'G WIRE WITH 16#4/0 AL (4/φ)-EXIST'G 5"C
MS	THREE 4"C (36" COVER)
P	4"C (48" COVER)
R	1¼"C, 6#14, 40#16 (PROG), 2#12, 4#14 LF FA

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 OTHER 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. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

APPROVED

STATE OF CALIFORNIA, STATE ARCHITECT
DIVISION OF ARCHITECTURE

Cornelius Engineering, Inc.
CONSULTING ELECTRICAL ENGINEER

DATE	PRINTS ISSUED FOR :	MARK	DATE	REVISIONS
2-8-78	DSA	1		
		2		
		3		
		4		
		5		

DRAWN PG&E SK
DATE 9/12/78
JOB NO. 77-91-1
CHECK'D

ROBERT N. EDDY C-895
WILLIAM H. PAYNTER C-16514
DONALD W. RENFRO EC-5283

SITE ELECTRICAL PLAN & SYMBOLS

ADDITIONS & ALTERATIONS: HORACE MANN SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD, CALIFORNIA

E 1 OF SHEETS

8/74 DIETERICH-POST CLEARPRINT - 1066H

EDDY · PAYNTER · RENFRO & ASSOCIATES
A.I.A. ARCHITECTS - 5405 STOCKDALE HWY. BAKERSFIELD, CALIFORNIA 93309 - (805) 832-1101