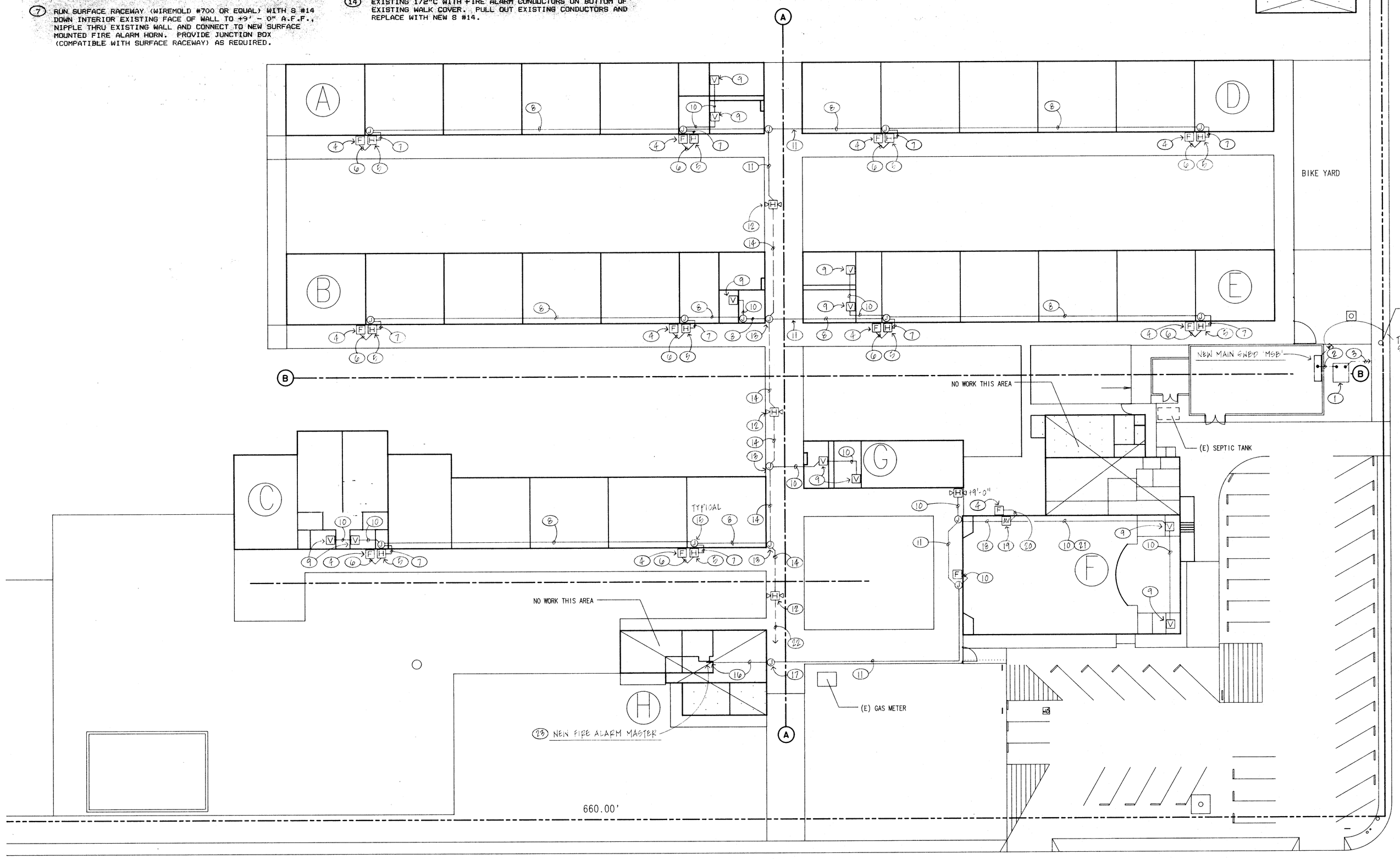
ELECTRICAL NOTES:(THIS SHEET ONLY)

1. PROVIDE PAD FOR PG&E PAD MOUNTED TRANSFORMER PER PG&E REQUIREMENTS. ALSO, PROVIDE BARRIER POST IF REQUIRED.
2. TWO 4"C (SECONDARY).
3. TWO 4"C (PRIMARY) TO PG&E FACILITIES. VERIFY EXACT SERVICE CONNECTION POINT AND REQUIREMENTS WITH PG&E.
4. PROVIDE A NEW FIRE ALARM PULL STATION (SUITABLE FOR OUTDOOR USE) AND SURFACE MOUNT AT +48" A.F.F.
5. PROVIDE A NEW FIRE ALARM HORN (SUITABLE FOR OUTDOOR USE) AND SURFACE MOUNT AT +9' - 0" A.F.F.
6. RUN SURFACE RACEWAY (WIREMOLD #700 OR EQUAL) WITH 4 #14 DOWN INTERIOR FACE OF EXISTING WALL TO +48" A.F.F. PROVIDE ELBOW CONDUIT CONNECTOR, NIPPLE THRU EXISTING WALL AND CONNECT TO NEW SURFACE MOUNTED FIRE ALARM PULL STATION.
7. RUN SURFACE RACEWAY (WIREMOLD #700 OR EQUAL) WITH 8 #14 DOWN INTERIOR EXISTING FACE OF WALL TO +9' - 0" A.F.F., NIPPLE THRU EXISTING WALL AND CONNECT TO NEW SURFACE MOUNTED FIRE ALARM HORN. PROVIDE JUNCTION BOX (COMPATIBLE WITH SURFACE RACEWAY) AS REQUIRED.
8. 1/2"C - 8 #14. RUN CONDUIT TIGHT IN CORNER OF EXISTING WALL AND CEILING. PUNCH THRU EXISTING WALLS AND SEAL ALL PENETRATIONS AS REQUIRED.
9. PROVIDE A NEW FIRE ALARM VISUAL STROBE LIGHT IN EXISTING RESTROOM. FLUSH MOUNT IN EXISTING WALL AT 18" BELOW EXISTING CEILING. FISH DOWN IN WALL IF POSSIBLE. IF NOT CUT AND PATCH AS REQUIRED.
10. 1/2"C - 4 #14.
11. 1/2"C - 8 #14. RUN ON BOTTOM OF EXISTING WALK COVER.
12. REMOVE EXISTING FIRE ALARM HORN AND REPLACE WITH NEW DOUBLE PROJECTOR FIRE ALARM HORN.
13. INTERCEPT EXISTING FIRE ALARM CIRCUIT WITH NEW WEATHERPROOF JUNCTION BOX.
14. EXISTING 1/2"C WITH FIRE ALARM CONDUCTORS ON BOTTOM OF EXISTING WALK COVER. PULL OUT EXISTING CONDUCTORS AND REPLACE WITH NEW 8 #14.
15. SURFACE MOUNT NEW JUNCTION BOX ON EXISTING WALL AS CLOSE TO CEILING AS POSSIBLE.
16. RUN 1/2"C - 8 #14 UP THRU STORAGE CEILING AND ATTIC SPACE. PUNCH THRU EXISTING ROOF, PROVIDE LB CONNECTOR AND RUN ON TOP OF EXISTING ROOF. PROVIDE 2 X 4 REDWOOD BLOCKING, SET IN MASTIC, ON 5' CENTERS AS REQUIRED.
17. PROVIDE 6" X 6" X 4" DP SCREW COVER CAN, NEMA 3R. MOUNT ON EXISTING EXTERIOR WALL.
18. RUN 1/2"C - 8 #14 IN ATTIC SPACE ABOVE NEW T-BAR CEILING, THEN CONVERT TO SURFACE RACEWAY (WIREMOLD #700 OR EQUAL) AND RUN DOWN EXISTING WALL TO NEW FIRE ALARM AUDIO/VISUAL STROBE LIGHT.
19. PROVIDE A NEW FIRE ALARM AUDIO/VISUAL STROBE LIGHT IN EXISTING MULTI-PURPOSE. SURFACE MOUNT ON EXISTING WALL AT 18" BELOW NEW T-BAR CEILING.
20. RUN SURFACE RACEWAY WITH 4 #14 DOWN INTERIOR FACE OF EXISTING WALL TO +48" A.F.F. AND THEN PUNCH THRU EXISTING WALL AND CONNECT TO NEW FIRE ALARM PULL STATION.
21. RUN IN ATTIC SPACE ABOVE NEW T-BAR CEILING.
22. EXISTING 1/2"C WITH EXISTING FIRE ALARM CONDUCTORS RUNNING BACK TO EXISTING FIRE ALARM MASTER. PULL OUT EXISTING CONDUCTORS AND REPLACE WITH NEW 8 #14.
23. NEW FIRE ALARM MASTER REPLACES EXISTING FIRE ALARM EQUIPMENT. REFER TO SHEET #E2 AND SPECIFICATIONS 16721 FOR REQUIREMENTS.



north

SITE PLAN – ELECTRICAL

1"=20'-0"

NOTE: FIRE ALARM WORK SHOWN ON THIS PLAN FOR CLARITY.

UTILITY Co. REQUIREMENTS

VERIFY AND COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS BEFORE BIDDING JOB AND BEFORE CONSTRUCTION:

POWER Co. PG&E TOM AGUILAR Ph. (805) 398-5965

PHONE Co. _____ Ph. _____

CATV Co. _____ Ph. _____

CODE, RULES AND REGULATIONS

ALL WORK AND MATERIALS SHALL COMPLY WITH THE LATEST REGULATIONS OF THE STATE FIRE MARSHAL, CALIFORNIA CODE OF REGULATIONS, SERVING UTILITY COMPANIES AND OTHER APPLICABLE STATE 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.

ELECTRICAL SYMBOLS

ALL DIMENSIONS TO CENTER OF BOX, U.O.N.

3-	CIRCUIT NUMBER (3-A-150)
-A-	FIXTURE TYPE (3-A-150)
-150	FIXTURE WATTAGE (3-A-150)
(3)	HOME RUN ¾"C-MIN. (PANEL A, CIRCUIT #3)
⟶	CONDUIT RUN IN WALL / ATTIC(½"C-2#12 AWG TW + 1#12 GND)
⟵	" " IN FLOOR OR UG(")
⟶	ANY CONDUIT RUN ½"C-3#12 AWG TW + 1#12 GND
⟶	" " 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
	SPECIAL OUTL AS NOTED ON DWGS (+12" U.O.N.)
	JUNCTION BOX W/FLEX CONNECTION
	CEILING MOUNTED FIXTURE
	WALL " " MT AS SHOWN
	RECESSED " " IN CEILING
	FLUORESCENT " MT AS SHOWN
	NIGHT LIGHT
	EXIT "
	MOTOR
	EXHAUST FAN
$	SWITCH (+4'-0" U.O.N.)
$3	" THREE WAY (")
T	THERMOSTAT (")
T	TIME SWITCH FLUSH MT'D (U.O.N.)
	PHOTO CONTROL ON ROOF
U.O.N.	UNLESS OTHERWISE NOTED
	FUSED DISCONNECT SWITCH BY ELEC. CONTR(U.O.N.)
F	FIRE ALARM PULL STATION, +48"
H	FIRE ALARM HORN, +9'-0"
V	FIRE ALARM VISUAL STROBE LIGHT, +8'-0" U.O.N.
AV	FIRE ALARM AUDIO/VISUAL STROBE LIGHT, +11'-0" U.O.N.
M	MOTION SENSOR, CEILING MOUNTED
S	MOTION SENSOR SWITCHPACK
	EMERGENCY LIGHT WITH BATTERY PACK.
D H	FIRE ALARM HORN (DOUBLE PROJECTOR)
RA	REMOTE ANNUNCIATOR PANEL

TITLE 24 & 1988 UBC
IDENTIFICATION STAMP
Department of General Services
Office of the State Architect
[illegible] 7100
Structural Safety Section
A 53544
JCH/LA

NOV 27 '90

DEC 7 1990

KLASSEN CORPORATION
Architecture
Planning
Construction
2021 Westwind Drive
Bakersfield, CA 93301
(805) 327-0871

C-6 810 — 810.401

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Written dimensions on these drawings shall have precedence over scaled dimension. Contractor shall verify and be responsible for all dimensions and conditions on the job and these drawings 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.

BAKERSFIELD CITY SCHOOL DISTRICT
WAYSIDE ELEMENTARY SCHOOL
MODERNIZATION
BAKERSFIELD, CALIFORNIA

WAYSIDE ELEMENTARY SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
1600 MING AVENUE

Sheet title: SITE PLAN ELECTRICAL

ELECTRICAL:
Cornelius Engineering, Inc.
918 West Main Street
Visalia, CA 93277
(209) 733-0221
Carl. No. 7108

Date:	Issued for:
12/22/89	OLA/OSA APPROVAL
10/31/90	OSA BACKCHECK

Date:	Revisions:

Drawn by:

Checked by:

Job no: 1702

Sheet: E•1

Sheet of:

Date:

OLA APPLICATION NO. 77-50812