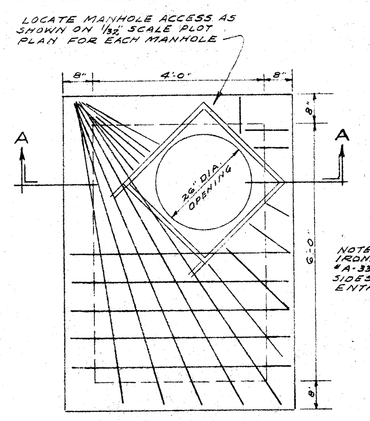
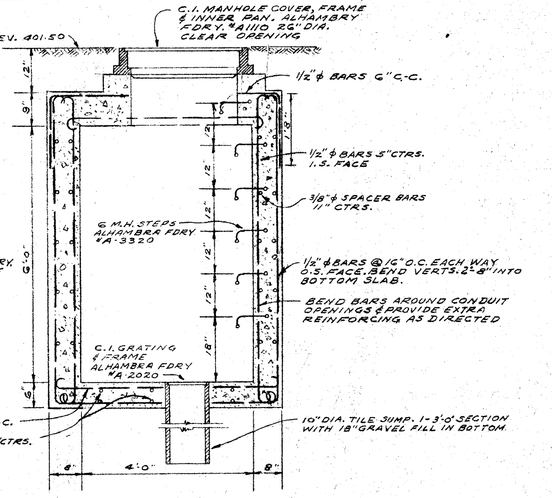
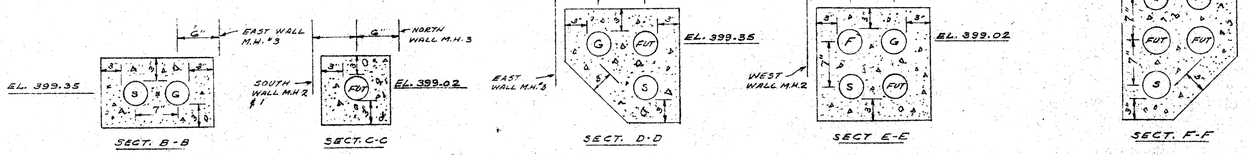


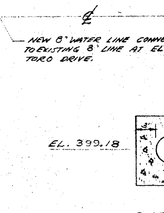


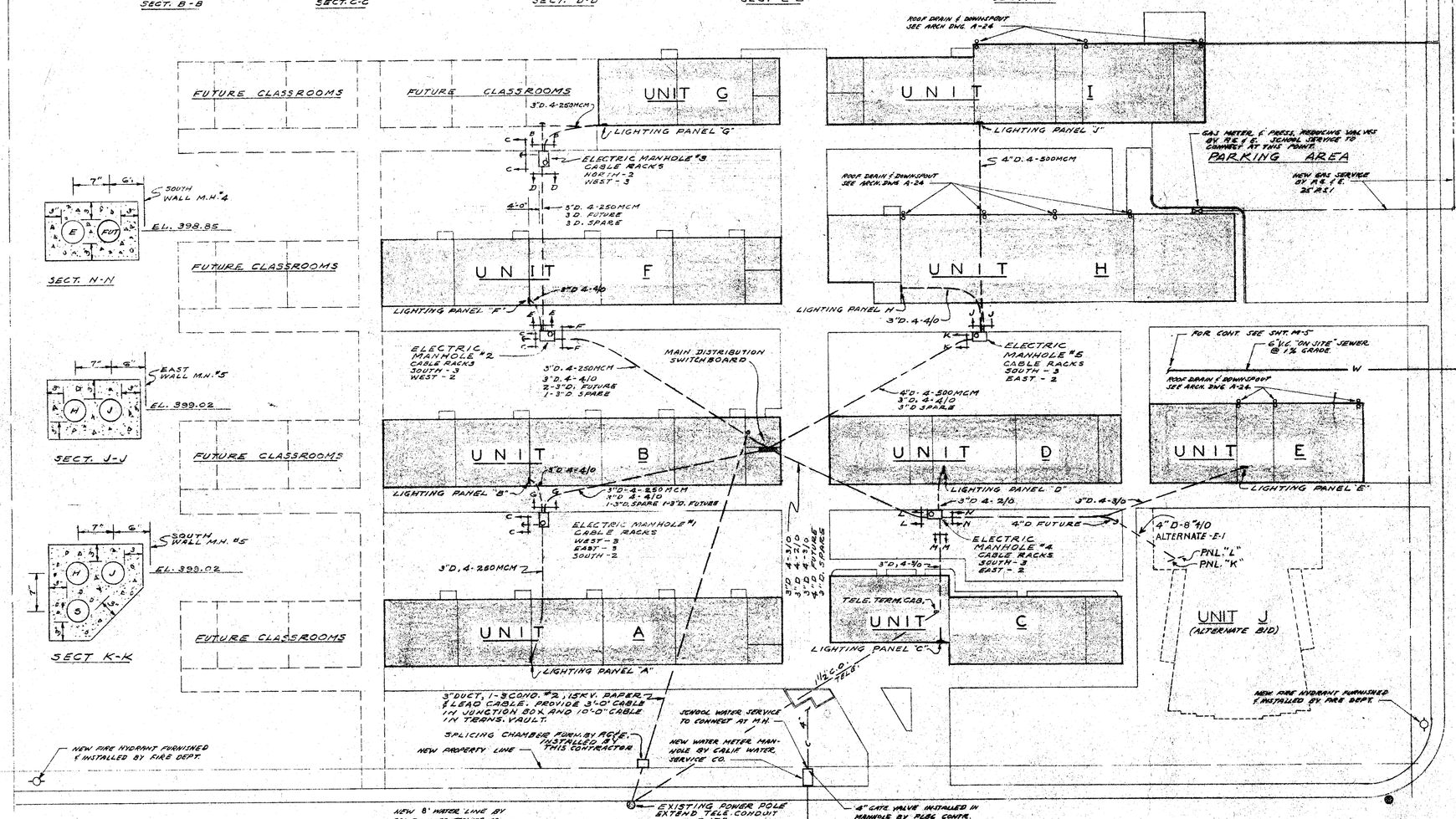
PLAN - ELECTRIC MANHOLE
TYPICAL REINFORCING & DIMENSIONS

SECTION A-A

TYPICAL ELECTRIC MANHOLE
SCALE ½" = 1'-0"







ELECTRICAL SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	WATTS	MTG. HGT.
	CONCENTRIC RING FIXTURE SUSPENDED SUNBEAM "2532-C	450/500	SEE SPECS.
	CONCENTRIC RING FIXTURE CEILING SUNBEAM "2532-C	450/500	"
	FLUSH FIXTURE C.W. COLE "1606 RB	100	CEILING
	FLUSH FIXTURE C.W. COLE "1608RB-2C	150	"
	FLUSH FIXTURE C.W. COLE "1608-2AST	300	"
	CEILING FIXTURE	150/300	CEILING
	CEILING FIXTURE	SEE SPECS.	"
	CEILING FIXTURE	"	"
	SUSPENDED FIXTURE	"	SEE SPECS.
E	R.L.M. DOME	"	CEIL. MTD.
E1	EXPLOSION PROOF FIXTURE	"	"
	DISAPPEARING FOOTLIGHTS		
X	EXIT LIGHTS		
	FLOODLIGHTS STA. CAT. 1430-CAL SHORT HUMAN "281-308	500 300	SEE SPECS.
	BRACKET LIGHT C.H. CO. TYPE AR8"	150	
	PUSH DISPLAY FIXTURE C.W. COLE "1150	100	
E	EXIT LIGHT CEILING C.W. COLE TYPE KC		CEIL. MTD.
	DUPLEX CONVENIENCE OUTLET		12"
	RANGE OUTLET BRYANT "3824		12"
	FLOOR OUTLET, NATIONAL ELEC. PRODUCTS CAT "4000 WITH "4820 RECEPTACLE		
	3 WIRE 20 AMP. "TWISTLOCK" OUTLET		2"
	4 WIRE 20 AMP. TWISTLOCK" OUTLET		12"
S	SINGLE POLE SWITCH		4'-3"
S_3	THREE WAY SWITCH		4'-3"
S_K	KEY OPERATED SWITCH		4'-3"
S EX.	EXPLOSION PROOF SWITCH		4'-3"
	SWITCHBOARD		
	LIGHTING PANEL		
	CONDUIT, EXPOSED OR IN CEILING		
	CONCEALED CONDUIT		
	CONDUIT, CONCEALED, IN SLAB, OR UNDERGROUND		
	TELEPHONE CONDUIT		
	CLOCK & P.A. SYSTEM CONDUIT		
	P.A. SYSTEM CONDUIT		
	DESIGNATION OF CONDUIT SIZE		
	NUMBER OF WIRES "12 UNLESS OTHERWISE SHOWN		
A1	CIRCUIT NUMBER		
	MOTOR		
	STARTER		
	EXP. SWITCH		
	TELEPHONE OUTLET		12"
	TELEPHONE CABINET		
	FIRE ALARM STATION WITH BELL BELL STATION		10'-0" 5'-0"
	HORN		11'-0"
	CLOCK OUTLET		7'-0" BRONZE
	CIRCUIT BREAKER		
	MICROPHONE FLOOR OUTLET GE "SP3300		
	3 GANG - 20 AMP. TWISTLOCK RECEPTACLES		12"
	30A. TWISTLOCK RECEPTACLE IN CEILING HUBBELL 7380		20'-0"
	STEP LIGHTS C.W. COLE "T-131-M	100	
	SPOT LIGHT "ROTOBEAM" GENERAL LIGHTING CAT. "41	150	
G	WATERTIGHT FLOOR BOX FOR AISLE LIGHTS	100	
	FLOOR POCKET KNIEGL "352		
	BRACKET LIGHT ALBA-1 "2380		5'-6"

MECHANICAL SYMBOL SCHEDULE

SYMBOL	DESCRIPTION
C	COLD WATER PIPING
G	GAS PIPING
H	HOT WATER PIPING
W	WASTE PIPING
V	VENT PIPING
T	THERMOSTAT
A.D	ACCESS DOOR
A.F.F	ABOVE FINISHED FLOOR
A.P.	ACCESS PANEL
C.O	CLEAN OUT
C.O.G	CLEAN OUT UP TO FIN. FLOOR OR GRADE
C.R	CLASS ROOM
D.F	DRINKING FOUNTAIN
D.S.	DOWN SPOUT
D.T	DUCT TURN
F.A	FRESH AIR
F.D	FLOOR DRAIN
F.H.C	FIRE HOSE CABINET, RACK & EXTINGUISHER
H.B	HOSE BIBB
K.S	KITCHEN SINK
LAV	LAVATORY
M.H	MAN HOLE
R.A.D	RETURN AIR DUCT
R.A.G	RETURN AIR GRILLE
R.D	ROOF DRAIN
S.D	SUPPLY DUCT
S.G	SUPPLY GRILLE
SHR	SHOWER
S.S	SERVICE SINK
U.R	URINAL
V.C	VITRIFIED CLAY PIPE
V.D	VOLUME DAMPER
V.T.R	VENT THRU ROOF
W.C	WATER CLOSET
C.W.V.	CONTINUOUS WASTE & VENT SYSTEM
	GATE VALVE
	CHECK VALVE
A.C.P.	ACID PROOF PIPE
V.B	VALVE IN VALVE BOX

NOTE: 100'-0" FIN. FL. ELEV. = 402.25' U.S.G.S.

GENERAL NOTES

UNLESS OTHERWISE NOTED, THE FOLLOWING APPLIES TO ALL DRAWINGS:

ALL HORIZONTAL RUNS OF PIPING AND/OR DUCTS SHALL BE INSTALLED IN THE FURRED CEILING OR FURRED WALL SPACE OF THE FLOOR PLAN ON WHICH IT IS SHOWN.

REFER TO ARCHITECT'S DRAWINGS AND DETAILS FOR EXACT LOCATION OF ALL PLUMBING FIXTURES, PARTITIONS, EQUIPMENT, ETC.

THIS CONTRACTOR SHALL CHECK WITH ALL OTHER CONTRACTORS SO THAT NO INTERFERENCES SHALL OCCUR AND THAT THE WORK SHALL BE INSTALLED AS EFFICIENTLY AS THE WORK OF EACH CONTRACTOR WILL PERMIT. NO EXTRAS WILL BE ALLOWED ANY CONTRACTOR FOR CHANGES MADE NECESSARY BY INTERFERENCE WITH THE WORK OF OTHER TRADES.

THE HORIZONTAL DIMENSIONS OF ALL DUCTS AND GRILLES ARE GIVEN FIRST.

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK. REPORT ANY DISCREPANCIES TO ARCHITECT.

SCALE ½" = 1'-0"

PLOT PLAN MECHANICAL & ELECTRICAL

LESTER R. KELLY
MECHANICAL AND ELECTRICAL CONSULTING ENGINEER
443 SOUTH BEAUDRY AVENUE LOS ANGELES CALIF.
DRAWN BY R.W.S. | JOB NO. 256
CHECKED BY [illegible] | DATE 3-1-51

COUNTY OF KERN
OFFICE OF SUPERINTENDENT OF SCHOOLS
JESSE D. STOCKTON — SUPERINTENDENT
APPROVED
DATE

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
APPLICATION NO. 8873 APPROVED
SUPERVISING STRUCTURAL ENGINEER

BAKERSFIELD CITY SCHOOLS
1600 K ST. BAKERSFIELD CALIFORNIA
BOARD OF EDUCATION
APPROVED DATE 3/1/51

JUNIOR HIGH SCHOOL
BAKERSFIELD CITY SCHOOL DISTRICT
BELLE TERRACE & P STREETS
BAKERSFIELD CALIFORNIA
JOB NO. C-335
ERNEST L. McCOY · A.I.A. ARCHITECT
129 KAY BLDG. BAKERSFIELD
1612 - 19th ST. CALIFORNIA

DRAWN BY RWS DLB
ME-1
OF 6 SHTS.
DATE 3-1-51