PANEL REPLACEMENT SCHEDULE:

1. AT EACH PANEL LISTED BELOW, REMOVE EXISTING BUS ASSEMBLY, GROUND BAR AND CIRCUIT BREAKERS. REPLACE WITH NEW BUS ASSEMBLY, NEW GROUND BAR AND NEW CIRCUIT BREAKERS (QUANTITIES AND RATINGS AS NOTED). ALL EQUIPMENT SHALL BE MANUFACTURED BY SQUARE "D", GENERAL ELECTRIC OR EQUAL. PROVIDE NEW INTERIOR CIRCUIT BREAKER COVER IF REQUIRED, TYPEWRITTEN CIRCUIT DIRECTORY AND ENGRAVED NAMEPLATE ON FRONT COVER WHICH WILL IDENTIFY THE PANEL. PROVIDE POWER DISTRIBUTION BLOCK WITH LUG WIRE RANGE AS REQUIRED, SQUARE "D" CLASS 9080.

2. EXISTING PANEL ENCLOSURE AND FRONT COVER SHALL REMAIN, U.O.N. CONTRACTOR SHALL DISCONNECT, SALVAGE AND RECONNECT EXISTING TIMECLOCK, WHERE APPLICABLE. DIMENSIONS NOTED ARE APPROXIMATE, CONTRACTOR SHALL FIELD VERIFY. CONTRACTOR MAY REPLACE THE ENTIRE PANEL ENCLOSURE AND FRONT COVER, AT HIS OPTION.

3. RECONNECT ALL EXISTING FEEDERS AND BRANCH CIRCUITING TO MATCH EXISTING BRANCH CIRCUITS.

4. PATCH EXISTING WALL AT FLUSH PANELS AND PAINT WALL AS DIRECTED BY ARCHITECT.

PANEL "AA" (D): 120/208V 3ph 4W, 225 AMP BUSSING, 30 CIRCUIT PANELBOARD, SURFACE MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
35 - 20/1, 1 - 100/2
PROVIDE A SEPARATE ENCLOSURE FOR (E) 35A/3P TIME SWITCH
ENCLOSURE DIMENSIONS: 44 1/2"H x 20"W x 5 1/2"D.
REPLACE COMPLETE PANEL WITH NEW 42 CIRCUIT PANELBOARD.

PANEL "AB" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 30 CIRCUIT PANELBOARD, FLUSH MOUNTED.
WITH FEED-THRU LUGS
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
24 - 20/1, 1 - 20/3, 1-60/3
PROVIDE A SEPARATE ENCLOSURE FOR (E) TIME SWITCH
ENCLOSURE DIMENSIONS: 60"H x 20"W x 5 1/2"D.

PANEL "AC" (D): 120/208V 3ph 4W, 225 AMP BUSSING, 36 CIRCUIT PANELBOARD, FLUSH MOUNTED.
WITH FEED-THRU LUGS
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
30 - 20/1, 1 - 30/2, 1 - 50/2
PROVIDE A SEPARATE ENCLOSURE FOR (E) TIME SWITCH
WITH DOUBLE LUGS
ENCLOSURE DIMENSIONS: 61"H x 20"W x 5 1/2"D.

PANEL "AD" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 30 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
25 - 20/1, 2 - 15/1
ENCLOSURE DIMENSIONS: 49 1/2"H x 20"W x 5 1/2"D.

PANEL "BA" (D): 120/208V 3ph 4W, 225 AMP BUSSING, 42 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
30 - 20/1, 1 - 20/3, 1 - 30/2, 1 - 100/3, 1 - 100/2
ENCLOSURE DIMENSIONS: 49"H x 20"W x 5 1/2"D.

PANEL "BB" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 42 CIRCUIT PANELBOARD, FLUSH MOUNTED.
WITH FEED-THRU LUGS
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
8 - 15/1, 24 - 20/1, 2 - 20/2, 1 - 30/1
PROVIDE A SEPARATE ENCLOSURE FOR (E) TIME SWITCH
ENCLOSURE DIMENSIONS: 64"H x 20"W x 5 1/2"D.

PANEL "BC" (D): 120/208V 3ph 3W, 200 AMP BUSSING, 24 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
4 - 15/3, 3 - 30/3, 1 - 35/3
NO NEUTRAL
ENCLOSURE DIMENSIONS: 32"H x 20"W x 5 1/2"D.

PANEL "CA" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 42 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
32 - 20/1, 1 - 20/2, 1 - 30/3
PROVIDE A SEPARATE ENCLOSURE FOR (E) TIME CLOCK AND CONTACTOR
ENCLOSURE DIMENSIONS: 64"H x 20"W x 5 1/2"D.

PANEL "DA" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 30 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
20 - 20/1, 3 - 20/2, 1 - 15/1, 1-60/3
SEPARATE ENCLOSURE FOR (E) 35A/1P TIME SWITCH AND ENCLOSURE DIMENSIONS: 49"H x 20"W x 5 1/5"D.

PANEL "DB" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 30 CIRCUIT PANELBOARD, SURFACE MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
21 - 20/1, 1-60/3
PROVIDE A SEPARATE ENCLOSURE FOR (E) 35A/1P TIME SWITCH
ENCLOSURE DIMENSIONS: 49"H x 20"W x 5 1/2"D.
REPLACE COMPLETE PANEL WITH NEW 42 CIRCUIT PANELBOARD.

PANEL "DC" (D): 120/208V 3ph 4W, 200 AMP BUSSING, 36 CIRCUIT PANELBOARD, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
30 - 20/1, 1 - 40/3, 1-60/3
SEPARATE ENCLOSURE FOR (E) 35A/1P TIME SWITCH AND 30A/3P CONTACTOR.
ENCLOSURE DIMENSIONS: 64"H x 20"W x 5 1/2"D.

PANEL "R1" (A): 120/208V 1ph 3W, 100 AMP BUSSING, 12 CIRCUIT LOAD CENTER, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
10 - 20/1
ENCLOSURE DIMENSIONS: 15"H x 11"W x 3 1/2"D.

PANEL "R6" (G): 120/208V 1ph 3W, 100 AMP BUSSING, 12 CIRCUIT LOAD CENTER, FLUSH MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
10 - 20/1
ENCLOSURE DIMENSIONS: 15"H x 11"W x 3 1/2"D.

PANEL "RT" (B): 120/208V 3ph 4W, 100 AMP BUSSING, 20 CIRCUIT PANELBOARD, SURFACE MOUNTED.
PROVIDE THE FOLLOWING CIRCUIT BREAKERS:
14 - 20/1, 2 - 40/2
ENCLOSURE DIMENSIONS: 23"H x 20"W x 4 3/4"D.

PANEL REPLACEMENT NOTES

(A) TYPICAL FOR SUB-PANELS IN ROOMS #R-1.A, R-1.B, R-1.C AND R-1.D.

(B) TYPICAL FOR SUB-PANELS IN ROOMS #R-1.A AND R-7.B.

(C) TYPICAL FOR SUB-PANELS IN ROOMS #R-6.B, R-6.C, R-6.D AND R-6.E.

(D) EXISTING TIME SWITCH IS BEHIND A HINGED DOOR WHICH IS IN ADDITION TO THE ACTUAL PANEL TRIM/HINGED DOOR.

FIXTURE SCHEDULE (2), (4)

FIXTURE SYMBOL (3-A-47): 3 = CIRCUIT NUMBER, A = FIXTURE TYPE, 47 = FIXTURE WATTAGE
ALL LINEAR FLUORESCENT LAMPS TO BE OSRAM SYLVANIA "OCTRON XPS" T8 (FO32/4100K) OR EQUAL, U.O.N. (1)
ALL FLUORESCENT BALLASTS TO BE SOLID STATE ELECTRONIC TYPE, OSRAM SYLVANIA "QUICKTRONIC PROSTART PSX" OR EQUAL, U.O.N. (1)

TYPE	WATTS	LAMPS	VOLT	MANUFACTURER	CATALOG NO.	MOUNT	NOTES
A	146	6-FO32 T8	120V	FINELITE	512-P-8'-3T8-DS-9IN-FA-FE	AIRCRAFT CABLE	8' LENGTH PER DETAIL #4/E-150 (5)
A2	73	3-FO32 T8		FINELITE	512-P-4'-3T8-DS-9IN-FA-FE	AIRCRAFT CABLE	4' LENGTH PER DETAIL #4/E-150 (5)
B	93	4-FO32 T8		COLUMBIA	TWO ST8-2326-FS-A12.125-EB8-PRLN (OSRPSX)-M5	FLUSH T-BAR	TANDEM WIRED (6)
C	30	2-13W PL		PRESCOUTE	9458	SURFACE	
D	47	2-FO32 T8		COLUMBIA	MC4-232-EB8-PRLH4 (OSRPSX)	SURFACE	
E	47	2-FO32 T8		COLUMBIA	EMN-232-EB8-PRLH (OSRPSX)	SURFACE	PER DETAIL #3/E-150 (2)
G	25	1-FO32 T8		COLUMBIA	PT8-132-E-PRLH (OSRPSX)	SURFACE	PER DETAIL #3/E-150
H	47	2-FO32 T8		KENALL	SH12-48-232-EB8-PRLN (OSRPSX)	SURFACE	↓
J	30	2-13W PLT		KENALL	MR13EL-P1A-132-RMP-4500	SURFACE CEILING	RETROFIT MOUNTING KIT
L	30	2-13W PLT		KENALL	MR13EL-P1A-132-4500	WALL	
M	47	2-FO32 T8		COLUMBIA	CH8-132-EB8	SURFACE	IN EXISTING LIGHT COVE
Q	47	2-FO32 T8	↓	COLUMBIA	PM14-232-FS-EB8-A14-PRLH (OSRPSX)	SURFACE	(2) (8)
X	—	SELF-LUMINOUS		EVENLITE	SLV-20-G	SURFACE	EXIT SIGN
Y	5	5W HALOGEN		DUAL-LITE	LZ15-VRS	WALL +7'-0"	INTERIOR EMERGENCY LIGHT

FIXTURE SCHEDULE NOTES:

(1) ALL 4' FLUORESCENT LAMPS SHALL BE AN OCTRON XPS ECOLOGIC FO32/841/XPS/ECO LAMP HAVING MEDIUM BI-PIN BASES AND 3000 INITIAL LUMENS MINIMUM. LAMPS SHALL PASS THE EXISTING FEDERAL TCLP LIMITS. LAMPS SHALL HAVE AN AVERAGE RATED LIFE OF A MIN. OF 30,000 HOURS PER START (3 HOURS RUN TIME PER START), A CRI OF 85, 95% LUMEN MAINTENANCE AT 8000 HOURS AND A CCT OF 4100K. LAMPS SHALL BE OPERATED ON A DEDICATED SYLVANIA "QUICKTRONIC PROSTART PSX" UNIVERSAL VOLTAGE BALLAST WITH A COMPLETE SYSTEM WARRANTY FROM THE MANUFACTURER COVERING LAMPS AND BALLASTS. BALLASTS TO BE "QUICKTRONIC PROSTART PSX" ELECTRONIC TYPE AND UL LISTED TO OPERATE THE SYLVANIA FO32/841/XPS/ECO FLUORESCENT LAMPS. BALLAST FACTOR SHALL BE A MIN. OF 0.71. (1), (2)

(2) SOME LIGHT FIXTURES SHALL BE EQUIPPED WITH AN EMERGENCY BATTERY PACK TO OPERATE ONE T8 LAMP AT 1350 LUMENS IN THE EMERGENCY MODE FOR A MINIMUM OF 90 MINUTES. FULL UNSWITCHED CIRCUIT TO EMERGENCY BATTERY PACK. REFER TO LIGHTING PLANS FOR EXACT LOCATIONS AND DETAIL # I/E-150 FOR WIRING REQUIREMENTS.

(3) LIGHT FIXTURE SHALL BE EQUIPPED WITH A VANDAL-RESISTANT CLEAR LEXAN SHIELD.

(4) ALL TAMPERPROOF SCREWS SUPPLIED WITH LIGHT FIXTURES OF THE SAME MANUFACTURER SHALL BE OF THE SAME STYLE. TORXHEAD WITH CENTER PIN REJECT IS PREFERRED. PROVIDE TWO MATCHING SCREWDRIVERS FOR EACH

(5) LIGHT FIXTURE SHALL BE WIRED FOR DUAL SWITCHING.

(6) MASTER/SATELLITE LIGHT FIXTURES EQUIPPED WITH PRE-WIRED INTERTIE CABLE, LENGTH AS REQUIRED.

(7) PROVIDE ONE HOUR ENCLOSURE AROUND FIXTURE AT ONE-HOUR RATED CEILINGS PER ARCHITECTURAL DETAILS ON SHEET #A-135.

(8) PROVIDE WITH SMOOTH SIDE OF LENS TO ENVIRONMENT SIDE.

GENERAL NOTES:

A. COORDINATE SHUTDOWN SCHEDULE FOR PANEL REPLACEMENT WITH OWNER, 30 DAYS IN ADVANCE, PRIOR TO INTERRUPTION OF SERVICE.

B. SEE MECHANICAL AND PLUMBING DRAWINGS FOR EXACT LOCATIONS OF ALL H.V.A.C. AND PLUMBING EQUIPMENT, THERMOSTATS, BY-PASS TIMERS AND TIME CLOCKS REQUIRING ELECTRICAL CONNECTIONS. ALL LOW VOLTAGE CONDUIT AND WIRING FOR EQUIPMENT CONTROLS IS TO BE PROVIDED AND INSTALLED BY CONTROLS CONTRACTOR, U.O.N.. VERIFY ALL REQUIREMENTS WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR.

C. REMOVE ANY EXISTING DEVICES (RECEPTACLES, FIRE ALARM, BURGLAR ALARM, SWITCHES, SURFACE RACEWAY, ETC.) WHICH INTERFERES WITH THE INSTALLATION OF NEW WALL FINISH MATERIALS AND/OR WALLS REQUIRING PAINTING. REINSTALL AND RECONNECT ALL ITEMS WHEN NEW FINISH IS COMPLETED. PROVIDE BOX EXTENSION AS REQUIRED FOR EXISTING FLUSH DEVICES TO COMPLY WITH C.E.C. 370-20. SEE ARCHITECTURAL DRAWINGS FOR WALL TREATMENT SCHEDULES.

D. REMOVE ALL ELECTRICAL DEVICES IN WALLS BEING REMOVED. RE-ROUTE AND RECONNECT ANY FEED-THRU CIRCUITS, PULL OUT ANY IDLE WIRE AND REMOVE ANY IDLE EXPOSED CONDUIT. SEE ARCHITECTURAL DRAWINGS FOR WALLS BEING REMOVED NOT SHOWN ON ELECTRICAL DRAWINGS. REUSE IDLE CIRCUITS FOR NEW ELECTRICAL WORK WHERE APPLICABLE. WHERE AN ELECTRICAL DEVICE IS REMOVED FROM A WALL THAT REMAINS, RECONNECT ANY FEED-THRU CIRCUITS, PULL OUT ANY IDLE WIRE AND BLANK OFF BOX.

E. ALL EQUIPMENT AND FIXTURES TO BE REMOVED SHALL REMAIN THE PROPERTY OF THE OWNER. AT THE DIRECTION OF THE OWNER, THE CONTRACTOR SHALL EITHER DELIVER THIS EQUIPMENT TO THE SCHOOL DISTRICT WAREHOUSE OR DISPOSE OF IT IN AN APPROVED MANNER.

F. NOTE: NOT ALL EXISTING ELECTRICAL EQUIPMENT/DEVICES OR EXPOSED CONDUIT ARE SHOWN ON ELECTRICAL DRAWINGS. ELECTRICAL CONTRACTOR TO VERIFY WITH ARCHITECT WITH ANY EXISTING DEVICES IN QUESTION NOT SHOWN ON ELECTRICAL PLANS (WHETHER TO BE REMOVED, RELOCATED OR TO REMAIN). VERIFY EXISTING CONDITIONS IN FIELD.

G. ALL NEW ELECTRICAL WORK SHALL BE CONCEALED IN WALLS OR ATTICS, U.O.N.. IF NEW WORK CANNOT BE CONCEALED, THE CONTRACTOR SHALL PROVIDE A SURFACE NON-METALLIC RACEWAY SYSTEM WITH SIZE AS NECESSARY, RACEWAY SYSTEM SHALL BE WHITE IN COLOR.

H. TYPICAL AT EXISTING WIRING DEVICES BEING REPLACED:
CONTRACTOR SHALL PROVIDE GROUNDING SCREW AND GROUNDING CONDUCTOR BETWEEN WIRING DEVICE AND EXISTING METALLIC OUTLET BOX.

I. CONTRACTOR TO VERIFY WITH OWNER FOR ALL CONNECTION REQUIREMENTS BETWEEN THE CEILING VIDEO PROJECTOR AND THE ROOM TELEVISION AND INSTRUCTOR'S COMPUTER. PICK UP AND CONCEAL ALL EXISTING CABLES IN ATTIC SPACES AND RECONNECT ALL CABLES TO MATCH EXISTING CONDITIONS. WHERE EXISTING CABLES ARE NOT LONG ENOUGH FOR FINAL CONNECTIONS, THEN CONTRACTOR TO PROVIDE NEW CABLE TO MATCH EXISTING AND RECONNECT.

J. EXISTING STRUCTURAL MEMBERS SUCH AS STUDS, POSTS AND JOISTS SHALL NOT BE CUT, NOTICHED OR OTHERWISE MODIFIED WITHOUT PROPER APPROVAL BY DSA.

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)
⊕	HOME RUN 3/4"C - MIN. (PANEL A, CIRCUIT #3)
⟶	CONDUIT RUN IN WALL OR ATTIC (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
⟶	CONDUIT RUN IN FLOOR OR U/G (1/2"C - 2 #12 AWG THWN + 1 #12 GND)
⟶	ANY CONDUIT RUN - 1/2"C - 3 #12 AWG THWN + 1 #12 GND
⟶	" " - 3/4"C - 4 #12 AWG THWN + 1 #12 GND
⟶	" " - 3/4"C - 5 #12 AWG THWN + 1 #12 GND
⟶	" " - 1"C - 6 #12 AWG THWN + 1 #12 GND
⟶3	CONDUIT STUB - CAPPED AND LABELED.
(1)	ELECTRICAL KEYNOTE #1, REFER TO NOTES ON SAME SHEET.
U.O.N.	UNLESS OTHERWISE NOTED
W.P.	WEATHERPROOF
	TERMINAL CABINET (SIZE AS SHOWN)
	ELECTRICAL PANELBOARD
	DUPLEX RECEPTACLE IN WALL (+18" U.O.N.)
	FLUSH FLOOR BOX
	SPECIAL OUTLET AS NOTED ON DWGS. (+18" U.O.N.)
	QUADRUPLEX RECEPTACLE IN WALL (+18" U.O.N.)
	G.F.C.I. DUPLEX RECEPTACLE IN WALL (+18" U.O.N.)
	ISO. GND. QUADRUPLEX RECEPTACLE W/TVSS IN WALL (+18" U.O.N.)
	DUPLEX RECEPTACLE MOUNTED IN SURFACE DIVIDED RACEWAY
	EMERGENCY LIGHT FIXTURE
	EXIT LIGHT, WALL MOUNTED
	EXIT LIGHT, CEILING MOUNTED
	WALL MOUNTED LIGHT FIXTURE (MOUNT AS SHOWN)
	CEILING MOUNTED LIGHT FIXTURE
	RECESSED MOUNTED LIGHT FIXTURE IN CEILING
	RECESSED MOUNTED "NIGHT" LIGHT FIXTURE IN CEILING
	FLUORESCENT LIGHT FIXTURE
EM	FLUORESCENT LIGHT FIXTURE EQUIPPED WITH EMERGENCY BATTERY PACK
	TANDEM WIRED LIGHT FIXTURES, WITH PREWIRED INTERTIE CABLE
$	LIGHT SWITCH (+4'-0" U.O.N.)
$3	LIGHT SWITCH, THREE WAY (+4'-0" U.O.N.)
$4	LIGHT SWITCH, FOUR WAY (+4'-0" U.O.N.)
$K	KEY OPERATED LIGHT SWITCH (+4'-0" U.O.N.)
(TS)	TIME SWITCH, FLUSH MOUNTED (U.O.N.)
	PHOTO CONTROL ON ROOF
(J)	JUNCTION BOX WITH FLEX CONNECTION
	COMBINATION FUSED DISCONNECT SWITCH/MAGNETIC STARTER
	MOTOR
	FUSED DISCONNECT SWITCH
F	ADDRESSABLE MANUAL PULL STATION
V 15	FIRE ALARM VISUAL STROBE, CANDELA RATING AS NOTED (CEILING MOUNTED)
AV 15	FIRE ALARM HORN/STROBE CANDELA RATING AS NOTED (CEILING MOUNTED)
V 15	FIRE ALARM VISUAL STROBE, CANDELA RATING AS NOTED (WALL MOUNTED)
AV 15	FIRE ALARM HORN/STROBE, CANDELA RATING AS NOTED (WALL MOUNTED)
H WP	FIRE ALARM EXTERIOR HORN ON WALL
SD	ADDRESSABLE SMOKE DETECTOR MOUNTED ON CEILING
HD	ADDRESSABLE HEAT DETECTOR MOUNTED ON CEILING
HD	ADDRESSABLE HEAT DETECTOR MOUNTED IN ATTIC
CM	ADDRESSABLE CONTROL MODULE
RM	ADDRESSABLE RELAY MODULE
S	ONE-WAY OCCUPANCY SENSOR, MOUNTED ON CEILING
S	TWO-WAY OCCUPANCY SENSOR, MOUNTED ON CEILING
SP	SWITCHPACK (OCCUPANCY SENSOR SYSTEM) MOUNTED IN ACCESSIBLE ATTIC
S	OCCUPANCY SENSOR WALL SWITCH (+4'-0" U.O.N.)
E.O.L.	END OF LINE RESISTOR (FIRE ALARM)
E, (E)	SUBSCRIPT DENOTES EXISTING SHALL REMAIN.
R	SUBSCRIPT DENOTES EXISTING SHALL BE REMOVED
SP	360° OCCUPANCY SENSOR MOUNTED ON CEILING - 120V

ELECTRICAL SYMBOLS NOTES:

(1) REFER TO FIRE ALARM DEVICES ELEVATION, DETAIL #1/E-146 FOR MOUNTING HEIGHTS.

(2) REFER TO FIRE ALARM SYSTEM EQUIPMENT SPECIFICATIONS, SHEET #E-146 FOR ADDITIONAL SYMBOLS.

SURFACE RACEWAY SYSTEM SPECIFICATIONS (1)

DESCRIPTION	CATALOG NO.
TWO-COMPARTMENT BASE	5400TB
TWIN SNAP COVER	5400TC
TWIN COVER CLIP	5406T
RACEWAY ELBOW	5417FO
ENTRANCE END FITTING	5410D
END CAP	5410
BLANK FACEPLATE	5507B
WIRE CLIP	5400TWC
TWIN SNAP COVER - DEVICE MOUNTING BRACKET	5450T
DUPLEX RECEPTACLE FACEPLATE	5507D
RECTANGULAR FACEPLATE	5507R

(1) ALL COMPONENTS OF THE SURFACE RACEWAY SYSTEM SHALL BE MANUFACTURED BY WIREMOLD, U.O.N. (FINISH SHALL BE IVORY)

CODE, RULES & 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 AS 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.

TITLE 24, PART 6

THE CALIFORNIA ENERGY EFFICIENCY STANDARDS FOR NONRESIDENTIAL BUILDINGS HAS BEEN REVIEWED AND THE BUILDING DESIGN DESCRIBED ON THESE PAGES IS IN SUBSTANTIAL CONFORMANCE.

DIVISION OF THE STATE ARCHITECT APPLICABLE CODES AND STANDARDS

CODES:

2001 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R.

2001 CALIFORNIA BUILDING CODE (C.B.C.), PART 2, TITLE 24 C.C.R. (1997 UNIFORM BUILDING CODE, VOLUMES 1-3 AND 2001 CALIFORNIA AMENDMENTS)

2004 CALIFORNIA ELECTRICAL CODE (C.E.C.), PART 3, TITLE 24 C.C.R. (2002 NATIONAL ELECTRICAL CODE AND CALIFORNIA AMENDMENTS)

2001 CALIFORNIA MECHANICAL CODE (C.M.C.), PART 4, TITLE 24 C.C.R. (2000 UNIFORM MECHANICAL CODE AND 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA PLUMBING CODE (C.P.C.), PART 5, TITLE 24 C.C.R. (2000 UNIFORM PLUMBING CODE AND 2001 CALIFORNIA AMENDMENTS).

2005 CALIFORNIA ENERGY CODE, PART 6, TITLE 24 C.C.R.

2001 CALIFORNIA FIRE CODE (C.F.C.), PART 9, TITLE 24 C.C.R. (2000 UNIFORM FIRE CODE AND 2001 CALIFORNIA AMENDMENTS)

2001 CALIFORNIA REFERENCE STANDARDS CODE (C.R.S.C.), PART 12, TITLE 24 C.C.R.

1990 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

STANDARDS AND GUIDES:

NFPA 72 (CALIFORNIA AMENDED) - NATIONAL FIRE ALARM CODE, 2002 EDITION

POLICY #85-03, FIRE AND LIFE SAFETY, DIVISION OF THE STATE ARCHITECT - OFFICE OF REGULATION SERVICES.

SEISMIC ANCHORAGE REQUIREMENTS

ALL ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

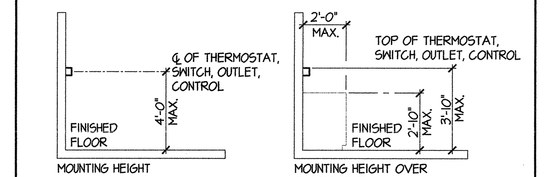
EQUIPMENT ON GRADE ____ SHALL COMPLY WITH C.C.R., TITLE 24, 2001 C.B.C., SECTION 1634A.

EQUIPMENT ON STRUCTURE ____ SHALL COMPLY WITH C.C.R., TITLE 24, 2001 C.B.C., SECTION 1632A AND TABLE 16A-O.

THE ABOVE VALUES ARE FOR AN IMPORTANCE FACTOR OF I = 1.15 AND SEISMIC ZONE, Z = 3.

FOR MULTI-PURPOSE BUILDINGS, PERCENTAGE OF OPERATING WEIGHT SHALL BE 125% OF VALUES NOTED ABOVE.

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 ENGINEER OF THE DIVISION OF THE STATE ARCHITECT.



1 MOUNTING HEIGHT OVER OBSTRUCTION
NTS

COMPLETE AUTOMATIC FIRE ALARM PLAN SUBMITTAL

THE FIRE ALARM SYSTEM SHOWN ON THESE PLANS HAS BEEN SUBMITTED AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT. ANY SUBSTITUTION OF THE FIRE ALARM SYSTEM SHALL BE RESUBMITTED TO THE ARCHITECT FOR REVIEW AND APPROVAL. THE CONTRACTOR SHALL PAY ANY ADDITIONAL FEES THAT ARE INCURRED DUE TO THIS SUBSTITUTION.

THE AUTOMATIC FIRE ALARM SYSTEM SHALL COVER ALL ROOMS AND AREAS AND UPON ACTIVATION OF AN INITIATING DEVICE ALERT ALL OCCUPANTS AND TRANSMIT THE ALARM, SUPERVISORY, AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. EXCEPTION: SMOKE DETECTORS ARE NOT REQUIRED IN NON-ACCESSIBLE AREAS AS DEFINED IN EMERGENCY EXPRESS TERMS OF PROPOSED S.F.M. AMENDMENTS TO 2001 C.F.C. SECTION 210 (C.F.C. SECTIONS 1006.2.4.2.2.1.1 AND 1006.2.4.2.2.1.5)

APPROVED
DIV. OF THE STATE ARCHITECT
LOS ANGELES BASIN REGIONAL OFFICE
AS ____ FLS EV SS RO
APPL NO. B 107003 DATE FEB 10 2010

ORDIZ MELBY
ARCHITECTS, INC.
5500 MING AVENUE SUITE 280
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE (661) 832-5258
FACSIMILE (661) 832-4291

LICENSED ARCHITECT REGISTERED PROFESSIONAL ENGINEER No. C-14728 5-31-2011 RENEWAL DATE STATE OF CALIFORNIA

LICENSED ARCHITECT WILLIAM JOHN MELBY No. C-16835 DEC. 31 2007 RENEWAL DATE STATE OF CALIFORNIA

DANNY E. ORDIZ, AIA
ARCHITECT C-14,728

WILLIAM J. MELBY, AIA
ARCHITECT C-16,835

CONSULTANT

REGISTERED PROFESSIONAL ENGINEER THEODORE W. RISE No. E-11920 Exp. 6/30/11 ELECTRICAL STATE OF CALIFORNIA

Rose Sing and Associates, Inc.
Electrical Consultants
131 S. Dunworth – (559)733-2671
Visalia, California 93292-6705

IDENTIFICATION STAMP
DIVISION OF STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. 03-107003
FILE # 15-6
AC ____ FLS ____ SS ____
DATE ____

MODERNIZATION AT CURRAN MIDDLE SCHOOL FOR:

BAKERSFIELD CITY SCHOOL DISTRICT

1116 LYMRIC WAY BAKERSFIELD CALIFORNIA 93309

MARK	DATE	DESCRIPTION

JOB NUMBER: 2002480
CAD DRAWING FILE: -
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