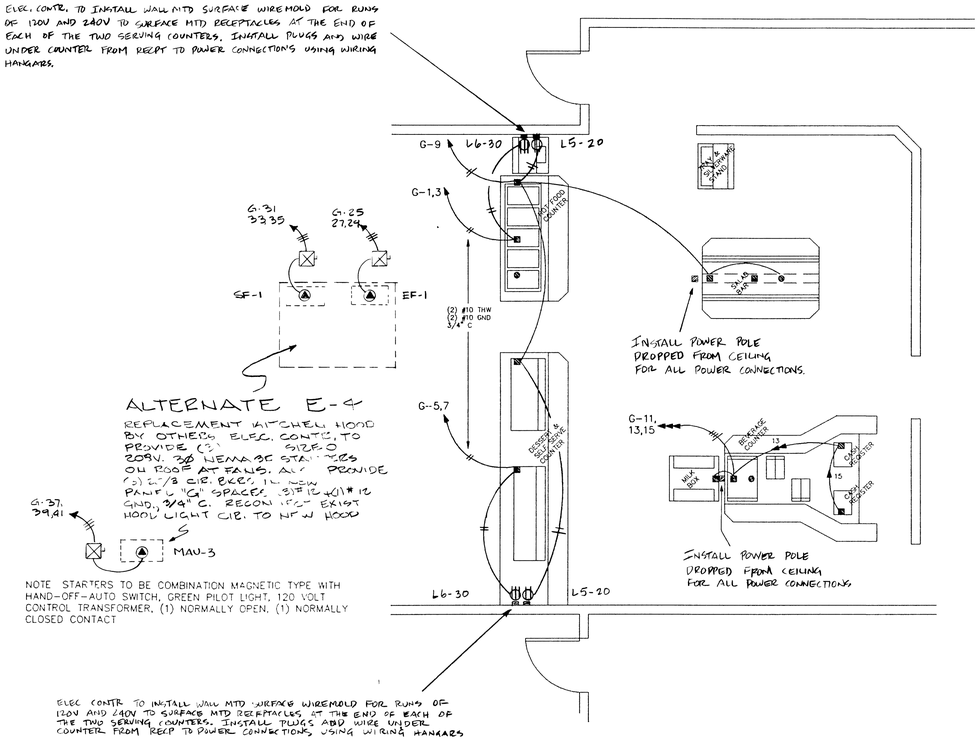
LIGHTING FIXTURE SCHEDULE

FIXTURE TYPES ARE IDENTIFIED BY LETTERS/NUMBERS ON THE CONTRACT DRAWINGS AND AS DESCRIBED IN THE FOLLOWING SCHEDULE. REFER TO SPECIFICATIONS PROCEDURE FOR SUBMITTING AND/OR "EQUAL" SUBSTITUTES:

FIXTURE TYPE	DESCRIPTION
FA	FIXTURE SHALL BE A 2' X 4' LAY-IN FLUORESCENT STATIC UNIT FOR TWO 34 WATT RAPID START ENERGY SAVING COOL WHITE LAMPS UNIT WILL HAVE (1) BAKED WHITE ENAMEL FINISH, (2) 0.125 INCH PATTERN 12 ACRYLIC PRISMATIC DIFFUSER IN A HINGED STEEL FRAME, (3) 120V ENERGY SAVING HPF BALLAST, (4) SPECIFICATION GRADE FIXTURE SHALL BE SIMILAR AND EQUAL TO LITHONIA 2SPG 240 A12.125 120 ES.
FB	SAME AS "FA" EXCEPT FOUR 34 WATT RAPID START ENERGY SAVING COOL WHITE LAMPS LITHONIA 2SPG 440 A12.125 120 ES.
SA	FIXTURE SHALL BE A 4' SURFACE MTD FLUORESCENT UNIT FOR TWO 34 WATT RAPID START ENERGY SAVING LAMPS. UNIT WILL HAVE (1) FLAT BOTTOM WRAPAROUND ACRYLIC PRISMATIC DIFFUSER, (2) A BAKED WHITE ENAMEL FINISH, (3) ENERGY SAVING BALLAST FOR 120V OPERATION, (4) SURFACE MOUNTED. FIXTURE SHALL BE SIMILAR AND EQUAL TO LITHONIA SC 240 A 120 ES
SB	SAME AS "FA" EXCEPT FOUR 34 WATT RAPID START ENERGY SAVING COOL WHITE LAMPS. LITHONIA SC 440 A 120 ES.
SC	FIXTURE SHALL BE AN 8' SURFACE MTD FLUORESCENT UNIT FOR TWO 34 WATT RAPID START ENERGY SAVING LAMPS. UNIT WILL HAVE (1) FLAT BOTTOM WRAPAROUND ACRYLIC PRISMATIC DIFFUSER, (2) A BAKED WHITE ENAMEL FINISH, (3) ENERGY SAVING BALLAST FOR 120V OPERATION, (4) TANDEM MOUNTED. FIXTURE SHALL BE SIMILAR AND EQUAL TO LITHONIA 8T VC 240 A 120 ES.
SD	FIXTURE SHALL BE A RECESSED STAINLESS STEEL SQUARE FOR ONE 60 WATT INCANDESCENT LAMP. UNIT WILL HAVE (1) U.L LISTED FOR WET LOCATION, (2) FRESNEL LENS, PRISMATIC GLASS, (3) APPROX 9" SQUARE (4) 2500 HR LAMP LIFE, (5) TAMPER RESISTANT HDWE FIXTURE SHALL BE SIMILAR AND EQUAL TO MORRIS KURTZON 27-11-86 WITH GE 60A19/99 EXTENDED SERVICE LAMP.
SE	FIXTURE SHALL BE A SURFACE MTD CEILING FLUORESCENT FIXTURE TWO 34 WATT RAPID START ENERGY SAVING LAMPS UNIT WILL HAVE (1) 0.125" IMPACT RESISTANT POLYCARBONATE LENS, (2) WET LOCATION, (3) ENERGY SAVING BALLAST FOR 120 VOLT, (4) TAMPER RESISTANT HDWE, (5) PUBLIC ABUSE DESIGN. FIXTURE SHALL BE SIMILAR AND EQUAL TO FAIL SAFE FPS-2/40-120-ESB-WET-9311.
WA	FIXTURE SHALL BE A 4' WALL MOUNTED DIRECT/INDIRECT FLUORESCENT UNIT FOR TWO 34 WATT RAPID START ENERGY SAVING LAMPS UNIT WILL HAVE (1) BAKED WHITE ENAMEL FINISH, (2) HPF ENERGY SAVING BALLAST FOR 120 VOLTS, (3) CLEAR PRISMATIC POLYCARBONATE 0.125" THICK LENS, (4) TAMPER RESISTANT HDWE, (5) PUBLIC ABUSE DESIGN. FIXTURE SHALL BE SIMILAR AND EQUAL TO KENALL 8240-9500
NA	FIXTURE SHALL BE A CEILING MOUNTED INCANDESCENT UNIT FOR TWO 75 WATT LAMPS. UNIT WILL HAVE (1) 0.125" PRISMATIC POLYCARBONATE LENS, (2) U.L. LISTED FOR WET LOCATION, (3) CORROSION RESISTANT WHITE BAKED ENAMEL FINISH, (4) LONG LIFE LAMPS 20,000 HRS, (5) TAMPER RESISTANT HDWE FIXTURE SHALL BE SIMILAR AND EQUAL TO KENALL 3810-9134-9500 (NOT USED)
MA	FIXTURE SHALL BE A HIGH PRESSURE SODIUM WALL PACK UNIT SHALL HAVE (1) ONE 100 WATT HPS LAMP, (2) HIGH POWER FACTOR BALLAST FOR 120 VOLT, -20° OPERATION, (3) DARK BRONZE FINISH, (4) WET LOCATION, (5) PHOTOELECTRIC CONTROL FIXTURE SHALL BE SIMILAR AND EQUAL TO LITHONIA TWP 100S 120 PE
MB	FIXTURE SHALL BE A CEILING MOUNTED HIGH PRESSURE SODIUM UNIT FOR ONE 50 WATT HPS LAMP. UNIT SHALL HAVE (1) DARK BRONZE FINISH, (2) U.L. LISTED FOR DAMP LOCATION, (3) HIGH POWER FACTOR 120V ENERGY SAVING BALLAST, (4) PHOTOCELL CONTROL. FIXTURE SHALL BE SIMILAR AND EQUAL TO KENALL 5310-HPF-9051.
FC	SAME AS "FA" EXCEPT WITH ½" x ½" SILVER PARABOLIC PLASTIC CUBE LOUVER. LITHONIA 2SPG 240 PC1S 120 ES.
FD	FIXTURE SHALL BE A 2' X 2' LAY-IN FLUORESCENT STATIC UNIT FOR TWO 32 WATT RAPID START, ENERGY SAVING COOL WHITE LAMPS. UNIT WILL HAVE (1) BAKED WHITE ENAMEL FINISH, (2) 0.125 INCH PATTERN 12 PRISMATIC ACRYLIC DIFFUSER IN A HINGED STEEL FRAME, (3) 120V ENERGY SAVING HPF BALLAST, (4) SPECIFICATION GRADE. FIXTURE SHALL BE SIMILAR AND EQUAL TO LITHONIA 2SPG 2U40 A12.125 120.ES.

ELEC. CONTR. TO INSTALL WALL MTD SURFACE WIREMOLD FOR RUNS OF 120V AND 240V TO SURFACE MTD RECEPTACLES AT THE END OF EACH OF THE TWO SERVING COUNTERS. INSTALL PLUGS AND WIRE UNDER COUNTER FROM RECPT TO POWER CONNECTIONS USING WIRING HANGARS.

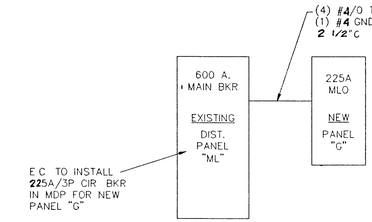


NEW FOOD SERVICE EQUIPMENT – JR HIGH SCHOOL

SCALE 1/4" = 1'-0"

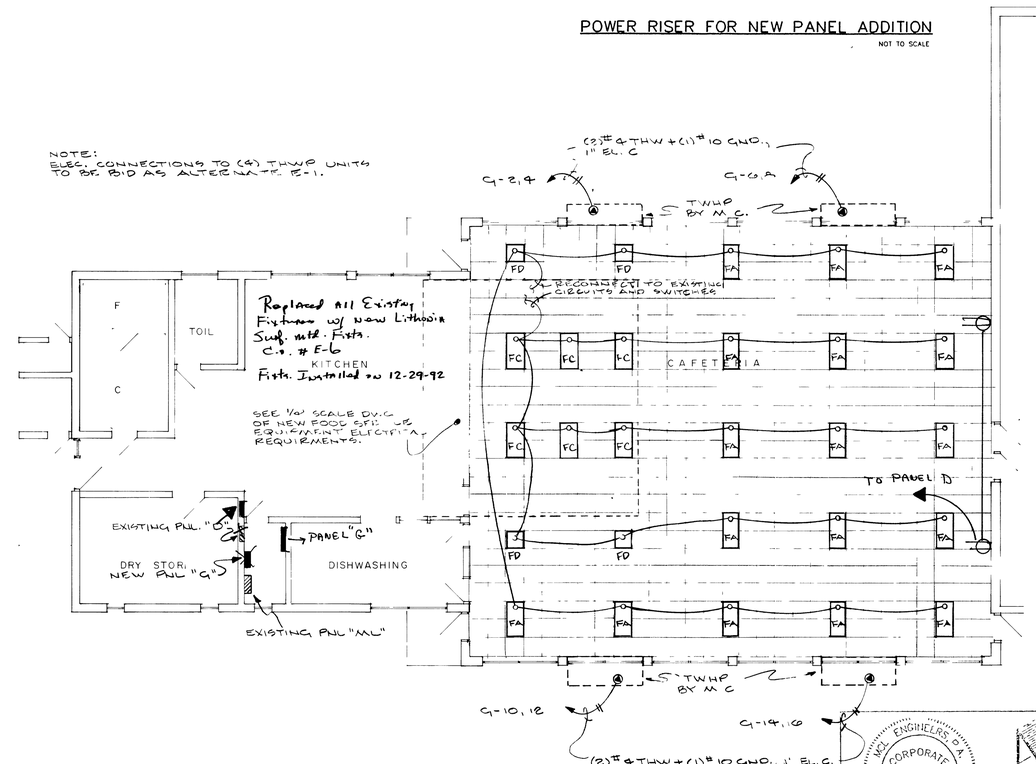
PANEL "G"	120/208 VOLTS	3 PH	4 WIRE	TYPE SQ D NQOD
SURFACE MOUNTED	225 AMP MAIN LUGS	LOCATED STORAGE/ELEC RM		

ITEM LOCATION	FOOD SVCE REFER	WIRE SIZE	FRAME	TRIP AMPS	LOAD AMPS	CIRC	NEUTRAL	CIRC	LOAD AMPS	TRIP AMPS	FRAME	WIRE SIZE	ITEM LOCATION
HOT FOOD WELLS	E2	10	QOB	30	24.0	1		2	43.3	60	QOB	4	THRU-WALL HEAT PUMP
						3		4					
DESSERT/SELF SERVE	E4				20.0	5		6					
						7		8					
FOOD LTS/PAN RCPT	E1 E8 E3 E9	12		20	9.3	9		10					
MILK BX/ICE DISPENSR	E5 E6				7.6	11		12					
CASH REGISTER	E7				10.0	13		14					
CASH REGISTER	E7				10.0	15		16					
OUT LIGHTS					12.0	17		18	32.2	40		6	MOTORIZED BLEACHERS
SF. 8E						19		20					
						21		22	7.2	20		12	EF-6
						23		24	7.2				EF-6
EF-1		12			2.8	25		26	5.8				EF-5
						27		28	11.6				EF-3, EF-4
						29		30					SPARE
GF-1					6.0	31		32	7.8			12	MAU-1
						33		34					
						35		36					
MAU-3					4.2	37		38	7.8				MAU-2
						39		40					
						41		42					



POWER RISER FOR NEW PANEL ADDITION

NOT TO SCALE



CBSA ARCHITECTS
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RENOVATION TO SCHOOLS FOR:
ANDREWS ELEMENTARY, JR. HIGH, & HIGH SCHOOL
CHEROKEE COUNTY BOARD OF EDUCATION
ANDREWS, NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL 5949 ENGINEER WILLIAM CLINTON BARNARD

PROJECT NO. 91-11

DATE 31 DEC. 1991

CHECKED BY JFH

DRAWN BY CSP

REVISIONS

SET NO.

SHEET NO. E-3 OF 5

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MILL ENGINEERS
P.O. BOX 2648
HICKORY, NORTH CAROLINA
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JOB NUMBER 91-765