

ELECTRICAL SYMBOL LEGEND SYMBOL DESCRIPTION DUPLEX RECEPTACLE, 18" AFF.,

- SUBSCRIPT INDICATES: GFI - GROUND FAULT INTERRUPTION WP - WEATHER PROOF D - DEDICATED IG - ISOLATED GROUND AC - ABOVE COUNTER TOP QUADRAPLEX RECEPTACLE, 18" AFF., U.N.O.
- FLOOR RECEPTACLE FLUSH MOUNTED UNLESS OTHERWISE NOTED. SPECIAL RECEPTACLE, 18" AFF., U.N.O. ▼ DATA AND TELEPHONE

MULTIOUTLET ASSEMBLY

- TELEPHONE OUTLET, 18" AFF., U.N.O. FLOOR TEL/DATA OUTLET FLUSH MOUNTED UNLESS OTHERWISE NOTED. DATA OUTLET, 18" AFF., U.N.O.
- JUNCTION BOX SINGLE POLE SINGLE THROW SWITCH, 48" AFF., U.N.O. SUBSCRIPT INDICATES: 2 - DOUBLE POLE SINGLE THROW OS- OCCUPANCY SENSOR K - KEY OPERATED
 - P PILOT LIGHT M - MANUAL MTR STARTER HP RATED SUBSCRIPT OF LOWER CASE LETTER (a.b.c.etc...) DESIGNATES CONTROL OF SIMILARLY MARKED LIGHT FIXTURES/RECEPTACLES
- PUSH BUTTON, 48" AFF., U.N.O. PANELBOARD (208V,480V) TELEPHONE TERMINAL BACKBOARD 4'X 8'X 3/4" PLYWOOD, U.N.O. SYMBOL | DESCRIPTION
- CONDUIT-SWITCH/GROUND/PHASE/ NEUTRAL MOTOR |F|_P PHOTOELECTRIC SMOKE DETECTOR
- COMBINATION HEAT/SMOKE DETECTOR DUCT SMOKE DETECTOR
- FIRE ALARM PULL STATION, 48" AFF. FIRE ALARM STROBE ONLY
- FIRE ALARM HORN/STROBE FACP | FIRE ALARM CONTROL PANEL

FAAP | FIRE ALARM ANNUNCIATOR PANEL

- MOTION DETECTOR, ARROW INDICATES SENSITIVE DIRECTION DISCONNECT, SEE PLANS FOR TYPE AND SIZE
- PENDANT LIGHT FIXTURE TYPE AS INDICATED. FLUORESCENT STRIP OR INDUSTRIAL FIXTURE NOTE: SHADING ALL OR PART OF FIXTURE SYMBOL INDICATES SUPPLIED FROM EMERGENCY POWER SOURCE.

RECESSED, SURFACE OR

- RECESSED LIGHT FIXTURE & WALL FLUORESCENT FIXTURE
- BATTERY EMERGENCY UNIT EXIT SIGN WALL OR CEILING MOL DIRECTIONAL ARROWS AND FACES AS SHOWN

PHOTO-ELECTRIC SWITCH, AIM NORTH EA NOTE: NOT ALL SYMBOLS ARE USED IN THIS PROJECT

- **ABBREVIATIONS** AFF ABOVE FINISHED FLOOR AFG ABOVE FINISHED GROUND ATS AUTOMATIC TRANSFER SWITCH BBH BASEBOARD HEATER EWC ELECTRIC WATER COOLER EWH ELECTRIC WATER HEATER S OCCUPANCY SENSOR BO FURNISHED BY OTHERS BE FURNISHED BY ELECTRICIAN
- BO INSTALLED BY OTHERS IBE INSTALLED BY ELECTRICIAN NIC NOT IN CONTRACT XFMR. TRANSFORMER U.N.O. UNLESS OTHERWISE NOTED.

LIGHTING GENERAL NOTES

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS & FOR REPORTING ANY CONFLICTS TO THE ENGINEER OR PROJECT MANAGER PRIOR TO START OF WORK.
- COLOR. SWITCHES IN KITCHEN SHALL BE WHITE IN COLOR W/ STAINLESS STEEL C. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR DIMENSIONED LOCATIONS OF LIGHT FIXTURES.

B. SWITCHES & COVER PLATES IN RESTROOMS & WAINSCOT TO BE WHITE IN

- D. LIGHTING BRANCH CIRCUITS SHALL BE AS SCHEDULED. E. SEAL ALL PENETRATIONS IN EXTERIOR WALLS, ROOF, & REFRIGERATION EQUIPMENT PER N.E.C. ARTICLE 300.7. ALL RACEWAYS IN REFRIGERATION
- EQUIPMENT SHALL BE LFMC & INSTALLED PER THE RECOMMENDATIONS OF THE REFRIGERATION EQUIPMENT MANUFACTURER. F. NIGHT LIGHTING, EMERGENCY LIGHTING, & EGRESS (EXIT) LIGHTING SHALL BE CONNECTED TO LOCAL CIRCUIT SERVING AREA. BATTERY PACKS SHALL PROVIDE A MINIMUM OF 90-MINUTES OF OPERATION UPON LOSS OF POWER FOR THEIR ASSOCIATED LOADS IN COMPLIANCE WITH U.L.924.
- G. ALL BRANCH CIRCUITRY SHALL BE CONSIDERED 2#12 PLUS 1#12GND IN EMT OR FMC. UNLESS NOTED OTHERWISE. METALCLAD (N.E.C TYPE MC) CABLE SHALL BE ACCEPTABLE WHERE EXPOSED & WHERE PERMITTED BY CODE. (ARMORED CABLE, N.E.C. TYPE AC IS NOT ACCEPTABLE). USE OF MC CABLE SHALL BE LIMITED TO LIGHTING & EXPOSED RECEPTACLES. MC CABLE SHALL NOT EXCEED 10' IN LENGTH. ALL 120V CIRCUITRY SHALL HAVE DEDICATED NEUTRAL CONDUCTORS & FULLY SIZED INSULATED GROUND CONDUCTORS, INCLUDING MC CABLE. MULTIPLE CIRCUITS IN A COMMON RACEWAY MAY SHARE A COMMON GROUND CONDUCTOR.
- H. REFER TO ARCHITECTURAL CEILING PLAN SHEET FOR DIMENSIONED LOCATION OF LIGHTING.

LIGHTING KEY NOTES (

- 1. LOCATION OF LIGHTING CONTROL AT 42". COORDINATE EXACT LOCATION IN
- 2. CONTRACTOR TO INSTALL SWITCHES & REFRIGERATION LIGHTING. L.E.D. FIELD COORDINATION IS REQUIRED.
- THREADED ROD W/ ATLEAST ONE BEING EMT FOR POWER FEED. ROUTE CIRCUIT VIA INDICATED SWITCH. SEE GENERAL NOTES.

HEIGHT. PROVIDE A 2 AMP CURRENT LIMITER. PENDANT STEMS MAY BE

5. EXIT & EMERGENCY LIGHTING SHALL BYPASS ALL SWITCHED CONTROLS.

- LIGHTING FURNISHED W/ REFRIGERATION EQUIPMENT. SEE GENERAL NOTES.
- 3. WALL MOUNTED OCCUPANCY SENSOR SWITCH AT 48" AFF MODEL NO. MS-OPS6M2-DV-GR. 4. PENDANT HUNG TRACK LIGHTING REFER TO ARCH ELEVATIONS FOR MOUTING

FIRE DETECTION AND ALARM SYSTEM

A. CONNECT ALL DEVICES TO L.L. FIRE ALARM SYSTEM.

NOT ALL FIXTURES ARE USED

VT-03 SECURITY MONITOR

- 1. FIXTURE IS FURNISHED BY BUFFALO WILD WINGS & INSTALLED BY CONTRACTOR, SEE SHEET G002. 2. PROVIDE SINGLE CIRCUIT TRACK COMPLETE W/ CURRENT LIMITERS AS INDICATED ON SHEET E101 AND ALL ASSOCIATED HARDWARE AND FITTINGS. PENDANT MOUNT, VERIFY HEIGHT WITH ARCHITECT. ALL ITEMS SHALL HAVE BLACK FINISH.
- 3. MOUNT AT 84" WHEN LOCATED ON WALLS, REFER TO INSTALLATION INSTRUCTIONS WHEN MOUNTED TO CEILING. 4. COORDINATE LOCATION W/ DECOR, SEE ARCHITECTURAL ELEVATIONS. 5. PROVIDE REMOTE EMERGENCY HEAD WHERE REQUIRED AND NOT PROVIDED AS PART OF LL WORK

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		Lighti	ing Fixture	e Schedule			
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	WATTS	VOLTS	NOTES
E-01-I-BL	EMERGENCY LIGHT	EXITRONIX	LED90-BL-R	2 LED HEADS FURNISHED W/ UNIT	2.2	120	1,3,4
_E-01-I-WH	EMERGENCY LIGHT	EXITRONIX	LED90-WH-R	2 LED HEADS FURNISHED W/ UNIT	2.2	120	1,3,4
_E-03-I-BL	EXIT SIGN W/EM HEADS	EXITRONIX	VLEDUBL-EL90-R	LED	1.1	120	1,5
LE-03-I-WH	EXIT SIGN W/EM HEADS	EXITRONIX	VLEDUWH-EL90-R	LED	1.1	120	1,5
LR-01-I	2X4 (IN ACT)	SATCO	NUVO 65-572	LED	50	120	1
LR-02A-I	RECESSED CAN LIGHT (IN ACT)	SATCO/NORA	SACTO S9540	LED	13.5	120	1
LS-01-I	TRACKHEAD SPOT LIGHT-ADJUSTABLE	NORA	NTE-860L930M10B	LED	10	120	1,2
LR-02B-I	RECESSED CAN LIGHT (IN GYB-2)	SATCO/NORA	SACTO S9540	LED	20	120	1

ELECTRICAL EQUIPMENT SCHEDULE

EQ NUMBER	DESCRIPTION	HEIGHT	VOLTAGE	AMPS	KW	RECEPT TYPE
AB-01	BAG N BOX	1' - 6"	120/1	9.33	1.12	NEMA 5-20R
AB-03	SODA DISPENSER	1' - 6"	120/1	9.30	1.12	NEMA 5-20R
AB-04	PEPSI UPRIGHT COOLER	1' - 6"	120/1	7.20	0.86	NEMA 5-20R
AG-01-I	GREASE RECOVERY	6' - 8"	120/1	1.50	0.18	NEMA 5-20R
QC-01-L	REACH-IN REFRIG	1' - 6"	120/1	4.90	0.59	NEMA 5-20R
QC-03D	U.C. REFRIG	1' - 6"	120/1	5.00	0.60	NEMA 5-20R
QC-04	ICE CUBER	6' - 8"	208/1	4.20	0.87	NEMA 6-20R
QC-16-R	SANDWICH STATION	1' - 6"	120/1	4.00	0.48	NEMA 5-20R
QC-17-R	U.C. REFRIG	1' - 6"	120/1	7.50	0.90	NEMA 5-20R
QH-01	3-BANK FRYER	1' - 6"	120/1	8.80	1.06	NEMA 5-20R
QH-02	2-BANK FRYER	1' - 6"	120/1	8.20	0.98	NEMA 5-20R
QH-04B	MICROWAVE	5' - 6"	208/1	15.4	3.20	NEMA 6-20R
QH-05	WARMER DRAWER	1' - 6"	120/1	17.8	2.14	NEMA 5-20R
QH-06B	FRY WARMER(18")	3' - 6"	208/1	8.70	1.81	NEMA 6-20R
QH-07-L	HEATED HOLD CABINET	1' - 6"	120/1	24.0	2.88	NEMA 5-30R
QH-10	BREAD TOASTER	6' - 6"	208/1	9.62	2.00	NEMA 6-20R
QH-17	GRIDDLE	3' - 6"	120/1	0.44	0.05	NEMA 5-20R
VO-02	COMPUTER HUB	1' - 6"	120/1	5.00	0.60	NEMA 5-20R
VO-04	DATA RACK	8' - 6"	120/1	8.00	0.96	NEMA 5-20R
VO-05	SECURITY MONITOR	8' - 6"	120/1	3.00	0.36	NEMA 5-20R
VO-06	MUSIC PLAYER	4' - 6"	120/1	7.6	0.91	NEMA 5-20R
VO-08	VOLUME CONTROL BOX (AMPLIFIER)	6' - 0"	120/1	7.6	0.91	NEMA 5-20R
VO-10	MODEM	6' - 0"	120/1	1.50	0.18	NEMA 5-20R
VP-01	POS	1' - 6"	120/1	4.17	0.50	NEMA 5-20R
VP-01	POS	1' - 6"	120/1	4.17	0.50	NEMA 5-20R
VP-02	RECEIPT PRINTER	1' - 6"	120/1	1.80	0.22	NEMA 5-20R
VP-02	RECEIPT PRINTER	1' - 6"	120/1	1.80	0.22	NEMA 5-20R
VP-02	RECEIPT PRINTER	3' - 6"	120/1	1.80	0.22	NEMA 5-20R
VT-02	KDU SCREEN	5' - 6"	120/1	3.00	0.36	NEMA 5-20R
VT-02	KDU SCREEN	5' - 6"	120/1	3.00	0.36	NEMA 5-20R
VT-02	KDU SCREEN	6' - 0"	120/1	3.00	0.36	NEMA 5-20R
				1	1	1

8' - 6" 120/1

POWER GENERAL NOTES

A. VERIFY LOCATION OF ALL EQUIPMENT WITH ARCHITECT, BWW PROJECT

BLACK DEVICE WITH BLACK COVER ON BLACK OR BLUE WALLS

E. COVER PLATES THAT ARE NOT METALLIC SHALL BE NYLON OR OTHER

COORDINATE LOCATION OF OUTLETS AND JACKS AT TV'S WITH EXACT

G. REFER TO EQUIPMENT CATALOG SHEETS FOR EXACT REQUIREMENTS.

EQUIPMENT LOCATION AND ELEVATION. SEE ARCHITECTURAL DRAWINGS

H. SEAL ALL CONDUITS ENTERING COOLERS AND FREEZERS AS PER N.E.C. ART.

300-7. REFRIGERATION SYSTEMS SHALL HAVE ALL LINE VOLTAGE POWER AND

LIGHTING CIRCUITRY INSTALLED BY CONTRACTOR PER THE REQUIREMENTS OF

MINIMIZE THE NUMBER AND SIZE OF PENETRATIONS. LOW VOLTAGE CONTROLS

K. ALL 20A UP TO 50A, 125V-250V RECEPTACLES RATED 150V OR LESS TO GROUND IN

KITCHEN SHALL BE G.F.C.I., UNLESS NOTED OTHERWISE TO HAVE G.F.C.I.

. DUPLEX RECEPTACLES SHALL BE MOUNTED AT 18" AFF UNLESS NOTED

M. ALL BRANCH CIRCUITING SHALL BE 1/2" CONDUIT, 2#12 AND 1#12 GROUND

N. WHERE DEVICES ARE SHOWN ON HALF WALLS ROUTE CONDUIT DOWN UNDER

FLOOR OVER TO NEAREST FULL HEIGHT WALL AND RUN UP INTO CEILING

O. CONTRACTOR SHALL LABEL EACH RECEPTACLE WITH THE CIRCUIT NUMBER

BE ACCEPTABLE WHERE EXPOSED AND WHERE PERMITTED BY CODE.

P. ALL EXTERIOR WEATHERPROOF OUTLETS SHALL COMPLY WITH N.E.C. ARTICLE

2. ALL BRANCH CIRCUITRY SHALL BE CONSIDERED 2#12 PLUS 1#12GND IN EMT OR

FMC, UNLESS NOTED OTHERWISE. METAL CLAD (N.E.C TYPE MC) CABLE SHALL

(ARMORED CABLE, N.E.C. TYPE AC IS NOT ACCEPTABLE). USE OF MC CABLE SHALL BE LIMITED TO LIGHTING AND EXPOSED RECEPTACLES. MC CABLE SHALL

NEUTRAL CONDUCTORS AND FULLY SIZED INSULATED GROUND CONDUCTORS,

INCLUDING MC CABLE. MULTIPLE CIRCUITS IN A COMMON RACEWAY MAY SHARE

NOT EXCEED 10' IN LENGTH. ALL 120V CIRCUITRY SHALL HAVE DEDICATED

0.36 | NEMA 5-20R

THE REFRIGERATION EQUIPMENT SUPPLIER/INSTALLER. CONTRACTOR SHALL

RUN CIRCUITRY OUTSIDE OF THE REFRIGERATION EQUIPMENT AND SHALL

SHALL BE PROVIDED BY THE REFRIGERATION EQUIPMENT INSTALLER.

USE #10 WIRE FOR BRANCH CIRCUIT RUNS LONGER THAN 100 FT.

. SEE THIS SHEET FOR ELECTRICAL SYMBOLS LEGEND AND KITCHEN

COORDINATE ALL TV RELATED WORK WITH OWNER'S AUDIO/VIDEO CONTRACTOR.

D. COORDINATE ALL DEVICE/COVER PLATE COLORS WITH OWNER'S

BLACK DEVICE WITH BLACK METAL COVER ON METAL PANEL WALLS

FINISHES, THE FOLLOWING ARE ANTICIPATED COLORS:

GREY DEVICE WITH GREY COVER ON GREY WALLS

B. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS

DEVICES AND COVER PLATES SHALL BE COLOR COORDINATED WITH WALL

AND IS ALSO RESPONSIBLE FOR REPORTING ANY CONFLICTS TO THE ENGINEER

WHITE DEVICE WITH WHITE COVER ON WHITE WALLS (OTHER THAN KITCHEN

MANAGER, AND OTHER TRADES.

PRIOR TO THE START OF WORK.

UNBREAKABLE TYPE MATERIAL

CONTRACTOR TO FIELD COORDINATE.

OTHERWISE ON DRAWINGS OR SCHEDULES.

THAT SERVES IT. SEE SPECIFICATIONS.

COMMON GROUND CONDUCTOR.

406.4(D)(6) FOR WEATHER-RESISTANT RECEPTACLES.

ELECTRICAL ROUGH-IN SCHEDULE

PROTECTION AT PANEL.

STRUCTUR

UNLESS NOTED OTHERWISE.

REPRESENTATIVE.

- HORIZONTALLY FOR KDS MONITOR. COORDINATE LOCATION W/ P.O.S. SYSTEM SUPPLIER/INSTALLER.
- 2. COORDINATE EXACT REQUIREMENTS WITH COOLER COOLER/FREEZER SUPPLIER.
- 3. PROVIDE CONNECTIONS FOR HOOD FIRE SUPPRESSION SYSTEM AND TO GAS VALVE VIA HOOD FIRE SUPPRESSION SYSTEM. CONNECTIONS SHALL INCLUDE 120V POWER FOR CONTROLS AND OPERATION OF FIRE ALARM SIGNALING FOR INTERLOCK WITH FIRE ALARM CONTROL PANEL. PROVIDE 100W A19-IF LAMPS FOR ALL HOOD LIGHTS. SEE SHEET M102 AND HOOD DRAWINGS FOR ADDITIONAL INFORMATION. FIELD CONFIRM GAS VALVE LOCATION W/

MOUNT RECEPTACLES & DATA PROVISION JUNCTION BOX IN WALL AT 43"

POWER KEY NOTES

4. KDS MONITOR SHALL TIE TO READY ORDER SCREEN, COORDINATE REQUIREMENTS WITH AVV SUPPLIER/INSTALLER.

MECHANICAL CONTRACTOR.

- 5. KDS MONITOR LOCATION COORDINATE W/ P.O.S. SYSTEM SUPPLIER/INSTALLER.
- 6. CONDUIT & OUTLET BOX FOR HOOD FIRE PROTECTION SYSTEM PULL STATION AT 48", COORDINATE W/ HOOD SYSTEM INSTALLER.
- TELEPHONE CABINET W/ 3/4" PLYWOOD MOUNTING BOARD, HOFFMAN #ACT36246F OR EQUAL. MOUNT TOP AT 72". PROVIDE 60A GROUND BAR W/ 1#6 GND IN 1/2" EMT TO SERVICE GROUND, PROVIDE ONE QUAD ISOLATED GROUND RECEPTACLE W/ 120V SOURCE FROM A-16. PROVIDE UNDERGROUND 2" PVC CONDUIT FOR USE BY TELEPHONE COMPANY, CONFIRM & COORDINATE REQUIREMENTS.
- 8. GREASE RECOVERY SYSTEM CONTROLLER AND TANK. COORDINATE ALL REQUIREMENTS WITH VENDOR.
- 9. PROVIDE RECEPTACLE AS SHOWN FOR FUTURE EQUIPMENTS.
- POWER AND DATA FOR POS.
- 11. PROVIDE RECEPTACLE FOR GREASE RECOVERY SYSTEM HEAT TRACING AT FRYERS. CIRCUIT AS INDICATED. REFER TO DETAIL ON SHEET P102.
- 12. PROVIDE DUPLEX RECEPTACLE AT TV. PROVIDE A QUADRAPLEX RECEPTACLE FOR BACK TO BACK TVs MOUNTED ON ONE POLE. COORDINATE EXACT LOCATION WITH AV VENDOR.
- 13. WH, RECIRCULATION PUMP & WATER SOFTNERS SHALL BE PROVIDED BY OTHER W/ CORDS THAT HAVE NEMA 5-15P PLUGS. COORDINATE LOCATION OF
- 14. EXISTING PANEL "A" TO REMAIN. E.C. SHALL VERIFY LOCATION OF PANEL IN FIELD. E.C. SHALL PROVIDE TIMECLOCK/CONTACTOR FOR COMPLIANCE WITH IECC.
- 15. FOR PANIC BUTTONS IN COOLERS, CONDUIT SHALL BE RAN INSIDE COOLER
- WALL TO JUNCTION BOX FOR PANIC ALARM. FIRE ALARM CONTRACTOR SHALL PROVIDE THE PANIC ALARM AND THE WIRING TO THE ALARM.
- 16. DATA RACK BY OWNER'S VENDOR FIELD COORDINATE. 17. PROVIDE NSI PART #76080PS, OR EQUAL FLUSH INDUSTRIAL WEATHERPROOF
- PUSH-BUTTON FOR DOOR BELL AT 42". SEE KEY NOTE 18.
- 18. JUNCTION BOX ABOVE CEILING FOR DOOR BELL TRANSFORMER, TRANSFORMER TO BE EDWARDS #592. PROVIDED WITH EDWARDS #55-4G5 DOOR BELL. MAKE ALL CONNECTIONS AS REQUIRED.
- 19. WIFI ACCESS POINT ANTENNA FOR FUTURE CURBSIDE PICKUP, COORDINATE
- EXACT LOCATION AND ALL OTHER COMPONENTS PRIOR TO ROUGH-IN.
- 20. WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION AND ALL OTHER REQUIREMENTS WITH AV VENDOR PRIOR TO ROUGH-IN.
- 21. SPEAKER, COORDINATE ALL REQUIREMENTS WITH AVV VENDOR.
- 22. NEW ELECTRICAL PANEL "B" FOR SPACE. E.C. SHALL CO-ORDINATE WITH
- ARCHITECT/OWNER FOR EXACT LOCATION OF PANEL. 23. SECURITY KEYPAD. PROVIDE CONDUIT WITH NYLON PULL STRING TO SECURITY SYSTEM AT MANAGER'S DESK.

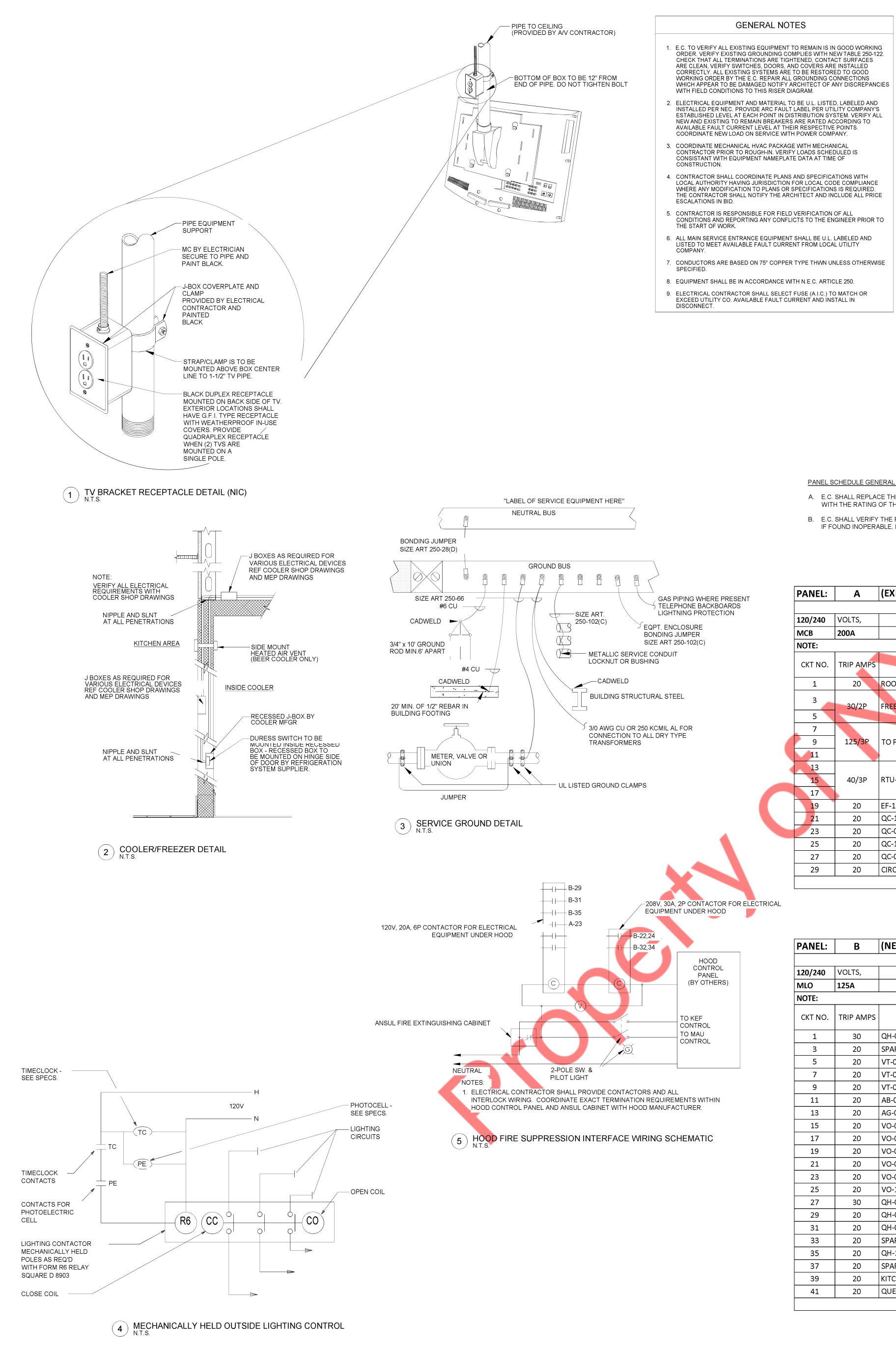
ELECTRICAL ROOF KEY NOTES WEATHERPROOF WEATHER-RESISTANT GFI RECEPTACLE SECURED TO SIDE OF

- ROOF TOP EQUIPMENT AT 24" ABOVE ROOF. DO NOT IMPEDE REMOVAL OF ACCESS PANELS. ROUTE 2#12 + 1#12-GND IN 1/2" EMT TO INDICATED CIRCUIT. THIS SHALL BE IN ADDITION TO ANY RECEPTACLE SUPPLIED W/ ROOFTOP UNIT. PROVIDE WEATHERPROOF DISCONNECT SWITCH AT FAN. ROUTE 3#12 + 1#12-GND TO INDICATED CIRCUITRY VIA HOOD CONTROLS, SEE SHEET E102. COORDINATE ALL REQUIREMENTS WITH MECHANICAL SHEETS AND HOOD DRAWINGS.
- 3. PROVIDE WEATHERPROOF DISCONNECT SWITCH AT FAN. ROUTE 2#12 + 1#12-GND TO INDICATED CIRCUITRY VIA RESTROOM CONTROLS, SEE THIS SHEET AND MECHANICAL SHEETS.
- 4. NEMA 3R, HEAVY-DUTY FUSIBLE DISCONNECT SWITCH (ONE POLE PER INDICATED FUSES) W/ FUSING AS INDICATED. SECURED TO SIDE OF ROOFTOP EQUIPMENT AT 24" ABOVE ROOF. SEE SHEET E102 FOR CIRCUITRY REQUIREMENTS.

SYSTEMS GENERAL NOTES

- A. CONTRACTOR TO VERIFY LOCATION OF ALL EQUIPMENT W/ ARCHITECT & OTHER
- B. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS & IS ALSO RESPONSIBLE FOR REPORTING ANY CONFLICTS TO THE ENGINEER
- PRIOR TO THE START OF WORK. C. DEVICE & COVER PLATES SHALL BE PER THE REQUIREMENTS INDICATED ON
- POWER GENERAL NOTE 'C'. SEE LEGEND ON THIS SHEET FOR ELECTRICAL SYMBOLS. ALL EXPOSED WIRE SHALL HAVE BLACK INSULATION. UNLESS OTHERWISE
- PROVIDE OUTLET BOX WITH DEDICATED 3/4" CONDUIT WITH PULL WIRE STUBBED UP INTO CEILING STRUCTURE FOR COMMUNICATION DEVICES (TELEPHONE, DATA AND TV).
- G. WHERE DEVICES ARE SHOWN ON HALF WALLS ROUTE CONDUIT DOWN UNDER FLOOR OVER TO NEAREST FULL HIGH WALL AND STUBBED UP INTO CEILING
- H. ALL COMMUNICATION OUTLETS SHALL BE MOUNTED AT 18" A.F.F. UNLESS NOTED OTHERWISE ON DRAWINGS OR SCHEDULES. I. ALL EMPTY CONDUITS FOR SECURITY, A/V, DATA VOICE, FIRE ALARM ETC. SHALL
- HAVE BUSHINGS AND PULL STRINGS. CONDUCTOR SHALL BE INSTALLED BY ALL LOW VOLTAGE AND COMMUNICATION WIRING SHALL BE PLENUM RATED

REGARDLESS OF WHERE IT SHALL BE INSTALLED.



1 ←	EXISTING	EXISTING PANEL—"A" 200A, MCB 120/208V 3PH, 4W 125A	NEW PANEL—"B" 125A, MLO 120/208V 3PH, 4W	PROF	POSED FLOOR
RISER GENERAL NO	 TE:				
AND AHJ PRIOR B. ABOVE RISER F FIELD. INFORM C. E.C. SHALL VER BEING REUSED	TO COMMENCING ANY WORK. OR REFERENCE PURPOSE ONLY. E ENGINEER ON RECORD FOR ANY DI IFY RATINGS AND OPERABLE COND	CURRENT (ISC) RATING WITH UTILITY OF C. SHALL VERIFY EXACT POWER DISRISCREPANCY. ITIONS OF ALL EXISTING ELECTRICAL EXECUTES OF ALL EXISTING ELECTRICAL EXECUTES OF AND BASE	IBUTION IN	ELECTRICAL RISER SYMBO ———————————————————————————————————	GEDER
ACCORDINGLY.		NO WITH OWNER/LANDLORD AND BASE			DISCONNECTED OVED
1. EXISTING 200A,	ERABLE CONDITION OF FEEDER IN	EDER FOR SPACE TO REMAIN. E.C. SHA FIELD. REPLACE IF FOUND INOPERABL			
		NEL "A" TO REMAIN. E.C. SHALL VERIF ND/PROVIDE NEW FEEDER IF NEEDED.			
· · · · · · · · · · · · · · · · · · ·	208V, 3 PHASE, ELECTRICAL PANEL ON PARTIES OF PARTIES O	'B''. E.C. SHALL CO-ORDINATE WITH EL.			

PANEL SCHEDULE GENERAL NOTE:

- A. E.C. SHALL REPLACE THE BREAKER FROM THE EXISTING PANEL WHERE EVER REQUIRED TO MATCH WITH THE RATING OF THE BREAKER MENTIONED IN THE PANEL SCHEDULE.
- B. E.C. SHALL VERIFY THE RATING AND OPERABLE CONDITION OF THE EXISTING BREAKERS. REPLACED IF FOUND INOPERABLE. BASE BID ACCORDINGLY.

PANEL:	Α	(EXISTING)										MOUNTING:	SURFACE		
						_									
120/240	VOLTS,		3	PHASE	4	WIRE				PANEL LOCATION:	KITCHEN				
МСВ	200A		BUS:	200A	MINIMUM							FED FROM:	MAIN SERVICE		
NOTE:															
CKT NO.	NO TRIP ANARC PESCRIPTION OF LOAD		LOAD TYPE	LOAD (KVA)	MINIMUM BRANCH CIRCUIT	PI	ER PHASE (K	(VA)	MINIMUM BRANCH	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TDID ANADS	CKT NO.	
CKT NO.	TRIP AMPS DESCRIPTION OF LOAD	LOAD TIPE	E LOAD (KVA)	А		В	С	CIRCUIT	LOAD (NVA)	DESCRIPTION OF LOAD		TRIP AMPS	CKT NO.		
1	20	ROOF GFI RECEPTACLES	R	0.18	2#12, 1#12, 3/4"C	0.68			2#12, 1#12, 3/4"C	0.50	L	LIGHTING - QUEING, PICK UP	20	2	
3	30/2P	P FREEZER CONDENSER M	FREEZER CONDENSER	М	1.96	2#10, 1#10, 3/4"C		2.46		2#12, 1#12, 3/4"C	0.50	L	LIGHTING - KITCHEN, RESTROOMS	20	4
5					М	1.96	, , ,			2.06	2#12, 1#12, 3/4"C	0.10	L	TIME CLOCK	20
7	125/3P TO PANEL B	0	13.24		13.74			2#12, 1#12, 3/4"C	0.50	E	EXTERIOR SIGNAGE	20	8		
9		TO PANEL B	TO PANEL B	0	13.24	4#1, 1#6, 1 1/4"C		14.24		2#12, 1#12, 3/4"C	1.00	E	VP-01 # POS COMPUTER	20	10
11		0	13.24				14.24	2#12, 1#12, 3/4"C	1.00	E	VP-02 # RECEIPT PRINTER	20	12		
13	3		М	3.40		4.40			2#12, 1#12, 3/4"C	1.00	E	VT-01B # MENU TV	20	14	
15	40/3P	RTU-1 (E)	RTU-1 (E)	М	3.40	3#8, 1#10, 3/4"C		3.58		2#12, 1#12, 3/4"C	0.18	E	TOILET GFI RECEPTACLE	20	16
17			М	3.40				4.52	2#12, 1#12, 3/4"C	1.12	E	#AB-03 SODA DISPENSER	20	18	
19	20	EF-1	М	0.10	2#12, 1#12, 3/4"C	0.96			2#12, 1#12, 3/4"C	0.86	E	#AB-04 UPRIGHT COOLER	20	20	
21	20	QC-17-R# U.C. REFRIGERATOR	Е	0.90	2#12, 1#12, 3/4"C		2.50		2412 4412 2/4110	1.60	E	OLL OAD # NAICDONANYE	20/2P	22	
23	20	QC-03D-R# U.C. REFRIGERATOR	Е	0.60	2#12, 1#12, 3/4"C			2.20	2#12, 1#12, 3/4"C	1.60	E	QH-04B # MICROWAVE		24	
25	20	QC-16R# SANDWICH STATION	Е	0.48	2#12, 1#12, 3/4"C	0.98			2#12, 1#12, 3/4"C	0.50	Е	HOOD CONTROLS	20	26	
27	20	QC-01-L# REACH IN REFRIGERATOR	Е	0.59	2#12, 1#12, 3/4"C		0.69		2#12, 1#12, 3/4"C	0.10	E	WATER HEATER (WH-1)	20	28	
29	20	CIRCULATION PUMP	Е	0.50	2#12, 1#12, 3/4"C			0.60	2#12, 1#12, 3/4"C	0.10	Е	WATER HEATER (WH-2)	20	30	
	•		•			20.76	23.47	23.62		•	•		•	•	

PANEL:	В	(NEW)										MOUNTING:	SURFACE	
120/240	VOLTS,		3	PHASE	4	WIRE						PANEL LOCATION:	KITCHEN	
MLO	125A		BUS:	125A	MINIMUM							FED FROM:		
NOTE:	-			1										
				1000 (1000)	MINIMUM BRANCH	PER	PER PHASE (KVA)		MINIMUM BRANCH	1000 (10)			Ī	
CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD TYPE	LOAD (KVA)	CIRCUIT	А	В	С	CIRCUIT	LOAD (KVA)	LOAD TYPE	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
1	30	QH-05 # WARMER DRAWER	Е	2.14	2#10, 1#10, 3/4"C	6.46				4.32	М			2
3	20	SPARE					4.32		3#8, 1#10, 3/4"C	4.32	М	RTU-2 (N)	50/3P	4
5	20	VT-02 # KDU SCREEN	R	0.50	2#12, 1#12, 3/4"C			4.82		4.32	М			6
7	20	VT-02 # KDU SCREEN	R	0.50	2#12, 1#12, 3/4"C	1.40				0.90	М			8
9	20	VT-03 # SECURITY MONITOR	R	0.50	2#12, 1#12, 3/4"C		1.40		3#12, 1#12, 3/4"C	0.90	М	KEF-1	20/3P	10
11	20	AB-01 # BAG N BOX	Е	1.12	2#12, 1#12, 3/4"C			2.02		0.90	М			12
13	20	AG-01-I # GREASE RECOVERY	Е	0.18	2#12, 1#12, 3/4"C	3.67				3.49	M			14
15	20	VO-02 # COMPUTER HUB	Е	0.36	2#12, 1#12, 3/4"C		3.85		3#8, 1#10, 3/4"C	3.49	М	KSF-1 50,	50/3P	16
17	20	VO-04 # DATA RACK	Е	0.36	2#12, 1#12, 3/4"C			3.85		3.49	М			18
19	20	VO-05 # SECURITY MONITOR	Е	0.18	2#12, 1#12, 3/4"C	0.18						SPARE	20	20
21	20	VO-06 # MUSIC PLAYER	R	0.18	2#12, 1#12, 3/4"C		1.18		2412 4412 2/4110	1.00	E	HOLL 10 DDEAD TOACTED	20/25	22
23	20	VO-08 # VOLUME CONTROL BOX	Е	0.18	2#12, 1#12, 3/4"C			1.18	2#12, 1#12, 3/4"C	1.00	E	#QH-10 BREAD TOASTER	20/2P	24
25	20	VO-10 # MODEM	R	0.18	2#12, 1#12, 3/4"C	0.18						SPARE	20	26
27	30	QH-07 # HEATEDHOLDING CABINET	Е	0.90	2#10, 1#10, 3/4"C		0.90					SPARE	20	28
29	20	QH-01 # 3 BANK GAS FRYER	E	1.06	2#12, 1#12, 3/4"C			1.06				SPARE	20	30
31	20	QH-02 # 2 BANK GAS FRYER	E	0.98	2#12, 1#12, 3/4"C	1.89			2412 4412 2/440	0.91	Е	#OULOGD EDV MADMED	20/20	32
33	20	SPARE					0.91		2#12, 1#12, 3/4"C	0.91	Е	#QH-06B FRY WARMER	20/2P	34
35	20	QH-17 # GRIDDLE	E	0.50	2#12, 1#12, 3/4"C			0.94	2#12 1#12 2/4"0	0.44	Е	#QC-04 ICE CUBER	00/00	36
37	20	SPARE				0.44			2#12, 1#12, 3/4"C	0.44	Е	1 #QC-04 ICE COBEK	30/2P	38
39	20	KITCHEN - GENERAL RECEPTACLE	L	0.54	2#12, 1#12, 3/4"C		1.51		2#12 1#12 2/4"0	0.97	М	COOLED CONDENSED	20/20	40
41	20	QUEUING - GENERAL RECEPTACLE	L	0.72	2#12, 1#12, 3/4"C			1.69	2#12, 1#12, 3/4"C	0.97	М	COOLER CONDENSER	20/2P	42
						14.22	14.07	15.56					•	•