LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	VOLTAGE	LAMPS				NOTES
						QUANTITY	WATTS	COLOR	TYPE	
A	PROGRESS	P5121-16	ART DECO CLEAR & WHITE GLASS GLOBE	SURFACE	120	1	150	--	A23	
B	PROGRESS	P7009-30EB	48"L X 4-1/2"W X 1-3/4"H UNDER CABINET LIGHT	SURFACE	120	1	32	3500K	T8	
C	PROGRESS	P7007-30EB	24"L X 5-1/4"W X 1-3/4"H UNDER CABINET LIGHT	SURFACE	120	1	17	3500K	F17	
D	PROGRESS	P7000-30	12-7/8"L X 5"W X 1-1/8"H UNDER CABINET LIGHT	SURFACE	120	1	8	3500K	F8	
E	PROGRESS	P7008-30EB	36 X 5-1/4"W X 1-3/4"H UNDER CABINET LIGHT	SURFACE	120	1	25	3500K	F25	
F	PROGRESS	P66-DM/P8031-28	6" APERTURE, WHITE BAFFLE, DIMMABLE	RECESSED	120	2	26	QUAD	4-PIN	
G	PROGRESS	P7372-30STR	13-3/4" DIA. X 4-1/4"H WHITE ACRYLIC DRUM, WHITE CANOPY	SURFACE	120	2	13	QUAD	4-PIN	
H	PROGRESS	P7186-30EB	48"L X 7-3/4"W X 3"H WRAPAROUND UTILITY AREA LIGHT	SURFACE	120	2	32	3500K	T8	
I	NOT USED									
J	PROGRESS	P3262-15	LAV LIGHTS - COORDINATE WITH OVAL MIRROR	SURFACE	120	1	100	INC	A19	
K	PROGRESS	P7172-30EB	25"L X 4-3/4"H MIRROR LIGHT	SURFACE	120	1	17	3500K	T8	
L	PROGRESS	P7173-E0EB	37-5/8"L X 4-3/4"H MIRROR LIGHT	SURFACE	120	1	15	3500K	T8	
M	PROGRESS	P7372-30STR	13-3/4" DIA. WHITE ACRYLIC DRUM	SURFACE	120	2	13	3500K	4PQ	
N	PROGRESS	P3547-30STR	13-1/4" DIA. WHITE RIBBED SWIRL GLASS - WHITE TRIM	SURFACE	120	2	13	3500K	4PQ	
O	NOT USED									
P	PROGRESS	P3492-33EB	15-1/4" DIA. ALABASTER BOWL PENDANT TO 10-5/8"	PENDANT	120	2	26	3500K	4PQ	
Q	PROGRESS	P3490-33EB	19-3/8" DIA. ALABASTER BOWL WITH DARK TRIM	SURFACE	120	3	13	3500K	4PQ	
R	PROGRESS	P3489-33EB	15-1/4" DIA. ALABASTER BOWL, 4-5/8"H, DARK TRIM	SURFACE	120	2	13	3500K	4PQ	
S	NOT USED									
T	PROGRESS	P821-AT-P8007-60	8-1/4" DIA. DROP OPAL GLASS SHOWER LIGHT, WET LOCATION	SURFACE	120	1	75	INC	A-19	
U	PROGRESS	P3355-27WB	12"W X 4-5/8"H X 5-5/8"D WALL SCONCE - ALABASTER	SURFACE	120	1	75	INC	QT4	
V	PROGRESS	P5774-30	5" DIA. X 6-1/2"H WHITE CYLINDER, WET LOCATION, CANOPY LIGHT	SURFACE	120	1	75	FL	PAR30	
W	PROGRESS	P7285-60TRM-EB-HSG	30-3/4" X 27-1/4" WHITE ACRYLIC CLOUD	SURFACE	120	2	32	3500K	F332T8	
X	PROGRESS	P3493-33EB	19-3/4" DIA. X 13-1/4"H ALABASTER BOWL PENDANT	PENDANT	120	3	26	3500K	4PQ	
Y	MANNING	LP-260-WH,WH,120FX	8-1/4"W X 8-1/4"L X 20-1/2" H ASSEMBLY SPACE PENDANT 52" OAH	PENDANT	120	PROVIDED	300	--	--	
Z	METALUX	8T-SSL-232-120-LU	96" X 4-1/4" X 3-5/8"H STAGGERED STRIP COVE LIGHT, LUTRON DIMMING BALLAST	SURFACE	120	4	32	3500K	T8	
AA	METALUX	SSL-217-120-LU	24"L X 4-1/4"W X 3-5/8"H STAGGERED STRIP COVE LIGHT, LUTRON DIMMING BALLAST	SURFACE	120	2	17	3500K	T8	
BB	PROGRESS	P5712-30	5" DIA. X 7-1/4"H, EXTENDS 7-3/4" ENTRY LIGHT, WHITE CYLINDER, WET LOCATION	SURFACE	120	1	75	INC	PAR30	
CC	PROGRESS	P7263-30EB	49"L X 12"W X 4-1/2"H WRAP WITH 3/4" STANDOFF, DROP WHITE ACRYLIC DIFFUSER	SURFACE	120	2	32	3500K	T8	
DD	SURE-LITES	CC-2	BATTERY OPERATED EMERGENCY LIGHT UNIT	SURFACE	120	2	3.6	INC	Z4	
EE	SURE-LITES	LPX-70-GWH	EXIT SIGN, UNIVERSAL FACE, UNIVERSAL MOUNT, BATTERY BACKUP	SURFACE	120	1	6	GREEN	LED	
FF	PROGRESS	P4188-09	FIVE LIGHT CHANDELIER - DINING ROOM	PENDANT	120	5	100	INC	A19	
GG	PROGRESS	P2987-09	SINGLE BOWL LIGHT WALL SCONCE	SURFACE	120	1	100	INC	A19	
HH	PROGRESS	P5994-50	TIFFANY LANTERN, WALL MOUNTED AT RESIDENCE ENTRY	SURFACE	120	1	100	INC	A-CL	
II	NOT USED									
JJ	PROGRESS	P3221-15	38" , 5-LIGHT, PRISMATIC GLASS BOWL ON CHROME ROD ABOVE MIRROR	SURFACE	120	5	100	INC	A19	
KK	PROGRESS	P7116-60EB	6" X 51" SOFT CLOUD WALL MOUNTED ABOVE MIRROR	SURFACE	120	2	32	3500K	T8	
LL	PROGRESS	P2947-44	WALL SCONCE, ALABASTER TYPE GLASS	SURFACE	120	1	100	INC	A19	
MM	MANNING	DP-950-SAB-FX-QAD	24" DIA, 34" OAH PENDANT BOWL, ARCHITECT TO REVIEW - DIMMING	PENDANT	120	4	26	3500K	CF	
NN	PROGRESS	P9204-28/P9113-28	5" DIA, 8' LONG ROUND BACK LAMP HOLDER AND MONOPOINT	SURFACE	--	--	75	--	P38	
OO	SURE-LITES	12T-12-DW	DOUBLE HEAD WEATHERPROOF, 12V, EMERGENCY LIGHT, REMOTE POWERED, TWO #029-79 LAMPS	SURFACE	12VDC	2	12W	HAL	PAR36	
PP	SURE-LITES	CC-8-2(029-79)	EMERGENCY LIGHT BATTERY PACK WITH TWO #029-79 LAMPS, 100 WATT CAPACITY	SURFACE	120/12	2	12W	HAL	PAR36	
QQ	SURE-LITES	12T-12WHUX2	DOUBLE HEAD, 12VDC EMERGENCY LIGHT, TWO #029-79 LAMPS, WHITE	SURFACE	12VDC	2	12	HAL	PAR36	
RR	SURE-LITES	CC-7-2(029-79)	EMERGENCY LIGHT BATTERY PACK WITH TWO #029-79 LAMPS, 60 WATT CAPACITY	SURFACE	120/12	2	12	HAL	PAR36	
SS	LITHONIA	CB132-120	4' X 48" CORRIDOR WRAP, ACRYLIC PRISMATIC DIFFUSER	SURFACE	120	1	32	3500K	T8	
TT	SURE-LITES	HR-12170	EMERGENCY LIGHT BATTERY PACK 170 WATTS AT 12 VDC 90 MINUTES	SURFACE	120	--	--	--	--	
UU										

MATERIAL SCHEDULE

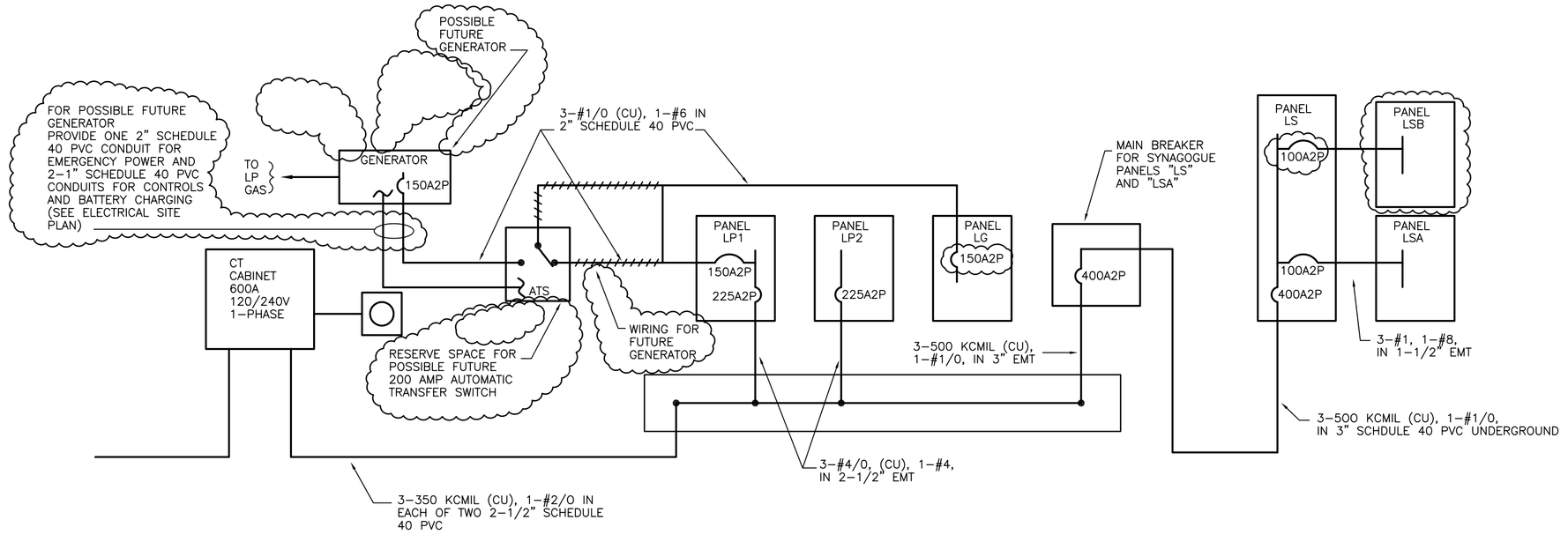
ITEM	MANUFACTURER	CATALOG NUMBER	DESCRIPTION
1	SQUARE D	3130-D221N	30A2P, NEMA-1, FUSED DISCONNECT SWITCH
2	SQUARE D	3130-D221NRB	30A2P, NEMA-3R, FUSED DISCONNECT SWITCH
3	SQUARE D	3130-D222NRB	60A2P, NEMA-3R, FUSED DISCONNECT SWITCH
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

PANEL SCHEDULE

PANEL "LSB" — PASSOVER KITCHEN

VOLTAGE: 120/240 — PHASE: 1 — WIRE: 3 — BUS: 100 — MLO: YES — MCB: NO — AIC: — CKTS: 30 — MOUNTING: FLUSH — CONNECTED KVA: — DEMAND KVA:

CKT.BRKR.				CIRCUIT KVA LOAD											
CKT #	AMP SIZE	POLE	ϕ	LIGHTING A	LIGHTING B	LIGHTING C	RECEPTACLES A	RECEPTACLES B	RECEPTACLES C	POWER/HEAT A	POWER/HEAT B	POWER/HEAT C	MISC. A	MISC. B	MISC. C	BRANCH CIRCUIT DESCRIPTION
1	20	1	A				.54									KITCHEN COUNTER
3	20	1	B					.54								KITCHEN COUNTER
5	20	1	A				1.2									DISHWASHER
7	20	1	B					.36								KITCHEN COUNTER
9	20	1	A										.5			SYNAGOGUE FIRE ARLARM
11	20	1	B					.54								REC BATH/LOUNGE/EXIT
13	20	1	A				.18									REC MIKVA
15	20	1	B					.18								REC MECH RM
17			A													
19			B													
21			A													
23			B													
25			A													
27			B													
29			A													
31			B													
33			A													
35			B													
37			A													
39			B													
41			A													
2	20	1	A	1.0												LTS MIKVA & EMERG LTS
4			B													
6			A													
8			B													
10			A													
12			B													
14			A													
16			B													
18			A													
20			B													
22			A													
24			B													
26			A													
28			B													
30			A													
32			B													
34			A													
36			B													
38			A													
40			B													
42			A													
CONNECTED TOTAL																NOTES:
DEMAND				100%			70%			80%						
DEMAND TOTAL																



NOTE: SEE PANEL SCHEDULES FOR ADDITIONAL PANEL DETAILS

POWER DISTRIBUITION RISER DIAGRAM
NOT TO SCALE

GENERAL NOTES

1 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NFPA70-2005.

2 THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES.

3 THE CONTRACTOR SHALL VERIFY THE EXACT ELECTRICAL CONNECTION POINT FOR EQUIPMENT OF OTHER TRADES WITH THOSE TRADES BEFORE ROUGHING-IN ELECTRICAL WORK.

4 ALL ELECTRICAL WORK SHOWN WITHOUT DIMENSIONS IS SHOWN DIAGRAMMATICALLY AND EXACT LOCATIONS ARE TO BE DETERMINED IN THE FIELD.

5 THE CONTRACTOR SHALL VERIFY THE FIRE RATING OF WALLS, FLOORS AND CEILINGS WITH THE ARCHITECT'S DRAWINGS AND SHALL PROVIDE ELECTRICAL PENETRATIONS OF THESE PARTITIONS HAVING THE SAME OR HIGHER FIRE RATING BASED ON AND AS SHOWN IN THE UL FIRE RESISTANCE DIRECTORY FOR EACH CIRCUMSTANCE.

6 THE ELECTRICAL DRAWINGS AND SPECIFICATIONS FORM AN INTEGRAL PART OF THE CONTRACT DOCUMENTATION AND INFORMATION GIVING IN EITHER IS AS APPLICABLE AS IF GIVEN IN BOTH.

7 WHERE DIFFERENCES EXIST BETWEEN TWO OR MORE DESCRIPTIONS OF WORK TO BE DONE, THE MORE DETAILED DESCRIPTION SHALL PREVAIL.

8 WHERE ALLOWED AND UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS, ALL WIRING FOR 20 AMPERE, 120 VOLT BRANCH CIRCUITS SHALL BE COPPER NUMBER 12/2 W/GND TYPE MC CABLE.

9 GFCI RECEPTACLES ARE NOT TO BE THROUGH WIRED TO PROTECT DOWNSTREAM EQUIPMENT UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.

10 LUMINAIRES RECESSED INTO FIRE RATED CEILINGS SHALL HAVE FIRE RATED ENCLOSURES IN ACCORDANCE WITH THE UL FIRE RESISTANCE DIRECTORY.

11 ALL LABOR AND MATERIAL NOT NORMALLY PROVIDED BY THE UTILITY OR THE MUNICIPALITY BUT REQUIRED IN THE COURSE OF PROVIDING CONNECTION OF THE PROJECT TO TELEPHONE, CATV, MUNICIPAL FIRE ALARM, OR ELECTRIC POWER SHALL BE PROVIDED BY THE CONTRACTOR.

12 ALL FUSES SHALL BE UL CLASS RK5, LOW PEAK, CURRENT LIMITING, TIME DELAY, CARTRIDGE TYPE UNLESS OTHERWISE NOTED.

13 ALL INDIVIDUAL CONDUCTORS SHALL BE COPPER WITH THWN INSULATION COLOR CODED AS SPECIFIED.

14 THE CONTRACTOR SHALL VERIFY WITH OTHER TRADES AND PROVIDE RECEPTACLES THAT MATCH THE PLUG PROVIDED WITH THEIR EQUIPMENT WHEN THAT EQUIPMENT IS REFERENCED ON THE ELECTRICAL DRAWINGS.

15 THE CONTRACTOR SHALL ARRANGE TO HAVE THE ELECTRICAL INSPECTOR HAVING JURISDICTION INSPECT THE ELECTRICAL INSTALLATION BEFORE IT IS CONCEALED.

16 ALL TEMPORARY WIRING AND ELECTRICAL EQUIPMENT USED DURING CONSTRUCTION SHALL BE REMOVED FROM THE BUILDING BEFORE COMPLETION.

17 THE CONTRACTOR SHALL COORDINATE THE MOUNTING HEIGHT OF ALL LIGHT SWITCHES AND RECEPTACLES IN THE FIELD WITH ARCHITECT'S FLOOR PLANS, ELEVATIONS, AND AREA UTILIZATION DETAILS.

18 OPENINGS IN SMOKE BARRIERS AND FIRE RATED BARRIERS (WALLS, FLOORS, AND CEILINGS) FOR STEEL ELECTRICAL OUTLET BOXES NOT EXCEEDING 16 SQUARE INCHES IN AREA AND THAT ARE NOT LISTED FOR USE IN FIRE RESISTANCE RATED ASSEMBLIES SHALL BE PERMITTED PROVIDED THE TOTAL AREA OF SUCH OPENINGS DOES NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF BARRIER AREA. OUTLET BOXES ON OPPOSITE SIDES OF SMOKE AND FIRE BARRIERS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF NOT LESS THAN 24 INCHES.

SYMBOLS

- 30/10 2P/1A AMS — AUTOMATIC MOTOR STARTER WITH FUSED DISCONNECT SWITCH DISCONNECT SWITCH RATED 30A, 2-POLE, NEMA-1A AND FUSED AT 10 AMPS. SEE MATERIAL LIST FOR CATALOG NUMBERS
- MMS — MANUAL MOTOR STARTER
- TC — TIME CLOCK
- MOTOR DRIVEN MECHANICAL EQUIPMENT
- WH — WATER HEATER
- BP-# — EMERGENCY LIGHTING BATTERY PACK
- RECESSED CIRCUIT BREAKER PANELBOARD
- SURFACE MOUNTED LOADCENTER
- 20A1P — CIRCUIT BREAKER DESIGNATION: 20 AMPS, 1 POLE
- LP3-1 — BRANCH CIRCUIT HOME RUN DESIGNATION: HOME RUN TO PANELBOARD "LP3" CIRCUIT #1
- JB — JUNCTION BOX OR ELECTRICAL CONNECTION POINT
- PEC — PHOTOELECTRIC SWITCH
- GROUNDING ELECTRODE AND CONDUTOR
- WP — ABBREVIATION-WEATHER PROOF
- P/O — ABBREVIATION: PART OF
- NEC — NATIONAL ELECTRIC CODE
- N. I. C. — NOT IN CONTRACT
- # — NUMBER REFERS TO CONSTRUCTION NOTE ON THIS SHEET
- #△ — NUMBER REFERS TO ITEM ON EQUIPMENT SCHEDULE
- (#) — NUMBER REFERS TO ITEM NUMBER ON MATERIAL SCHEDULE
- CONDUIT TURNING UP OR OUT OF DRAWING
- CONDUIT TURNING DOWN OR INTO DRAWING
- S — LIGHT SWITCH, SINGLE POLE
- S3 — LIGHT SWITCH, THREE WAY
- S4 — LIGHT SWITCH, FOUR WAY
- SP — LIGHT SWITCH WITH PILOT LIGHT TOGGLE
- ○ □ △ — LUMINARIES: (DRAWN TO APPROXIMATE SHAPE AND TO SCALE OR LARGE ENOUGH FOR CLARITY)
- LUMINARIES STRIP TYPE (LENGTH DRAWN TO SCALE)
- EXIT LIGHTING FIXTURE, ARROWS AND EXIT FACE AS INDICATED ON DWGS (MOUNTING HEIGHTS TO BE DETERMINED BY JOB SPECIFICATIONS)
- EMERGENCY BATTERY REMOTE LIGHTING HEADS
- EMERGENCY BATTERY UNIT WITH LIGHTING HEADS
- DUPLEX RECEPTACLE
- G — DUPLEX RECEPTACLE--GFCI TYPE
- WP — DUPLEX RECEPTACLE IN WEATHER PROOF BOX
- DOUBLE DUPLEX RECEPTACLE
- SPECIAL RECEPTACLE - SEE CONSTRUCTION NOTES
- S — FIRE ALARM SYSTEM-SMOKE DETECTOR
- F — FIRE ALARM SYSTEM-MANUAL PULL STATION
- # S — FIRE ALARM SYSTEM-STROBE LIGHT UNIT, NUMBER=CANDELLA OF STROBE
- WP # F — FIRE ALARM SYSTEM-HORN/STROBE LIGHT UNIT, WEATHERPROOF
- # F — FIRE ALARM SYSTEM-HORN/STROBE LIGHT UNIT, NUMBER=CANDELLA OF STROBE
- H — FIRE ALARM SYSTEM-HEAT DETECTOR
- FS — FIRE ALARM SYSTEM-FLOW DETECTOR
- TS — FIRE ALARM SYSTEM-TAMPER SWITCH
- DH — FIRE ALARM SYSTEM-RELEASED MAGNETIC DOOR HOLDERS
- FACP — FIRE ALARM SYSTEM CONTROL PANEL
- LP-15 — BRANCH CIRCUIT HOMERUN TO PANEL CIRCUIT LP-15. SINGLE HALF ARROW HEAD INDICATES 120 VOLT CIRCUIT. TWO HALF ARROW HEADS INDICATES 240 VOLT CIRCUIT.
- LP1-6,8 — 208 VOLT BRANCH CIRCUIT HOMERUN TO PANEL "LP1" 2-POLE BREAKER ASSEMBLY IN CIRCUIT LOCATIONS 6 & 8
- VOICE/DATA OUTLET
- EMT — ELECTRICAL METALLIC TUBING
- FMC — FLEXIBLE METALLIC TUBING
- FMC (LT) — LIQUID TIGHT FLEXIBLE METALLIC TUBING
- TV — CATV OUTLET

PROGRESS SET ONLY
FOR REVIEW BY AUTHORITIES
HAVING JURISDICTION

CHABAD LUBAVITCH OF MAINE, INC.
101 CRAIGIE STREET
PORTLAND, ME 04102

SCHEDULES, NOTES AND SYMBOLS

CHABAD LUBAVITCH OF MAINE — STATE OF MAINE — RALPH F. SWEET No. 2003 — REGISTERED PROFESSIONAL ENGINEER — ELECTRICAL CONSTRUCTION DOCUMENTS

ELECTRICAL DESIGN CONSULTANTS

DESIGNED BY: RFS	FILENAME: CHA-POWER
DRAWN BY: BMC	REVISION DATE:
DATE: 6-28-07	SCALE: 1/4"=1'-0"

E-8

REVISION	
DATE:	DESCRIPTION
7-12-07	ADDED PANEL AND EMERGENCY LIGHT BATTERY FOR MIKVA BATH, ADD LUMINAIRE TYPE "TT".

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