	LIGHTING FIXTU	URE SCHEDULE				
TYPE	DESCRIPTION	LAMPS QUANTITY & TYPE	REMARKS			
Α	NOT USED					
В	NOT USED					
С	PROGRESS *P2858-09EBWB	(3) 26W CF	SURFACE MOUNT IN UNIT BATHROOM - BRUSHED NICKEL FINISH			
D	PROGRESS #2796-09	(3) 13W CF GU24	WALL MOUNT ABOVE MIRROR - HANG W/ OPEN SIDE OF SHADES FACING DOWN - BRUSHED NICKEL			
D1	PROGRESS #2796-20EBWB	(3) 13W CF GU24	WALL MOUNT ABOVE MIRROR - HANG W/ OPEN SIDE OF SHADES FACING DOWN - ANTIQUE BRONZE			
E	DUAL-LITE *LX-U-R-W-E	LED'S FURNISHED W/ UNIT	SINGLE/DOUBLE FACE, END/CEILING/WALL MOUNT			
F	PROGRESS *P5108-09EBWB	(1) 13W CF GU24	MINI-PENDANT - BRUSHED NICKEL FINISH			
G	PROGRESS *P7278-60EB	(4) F17T8/SPX35	SURFACE MOUNTED IN UNIT KITCHEN			
H	NOT USED					
J	COLUMBIA *UC-24-117-EU	(1) F17T8/SPX35	2' UNDERCABINET			
K	COLUMBIA *P224-3-32-G-LD-36-S-3EB8L120	(3) F32T8/SPX35	2X4 PARABOLIC - RECESSED IN GRID CEILING - (1) 3 LAMP ELECTRONIC BALLAST			
K1	COLUMBIA *P222-3-17-G-LD-33-S-3EB8L120	(3) F17T8/SPX35	2X2 PARABOLIC - RECESSED IN GRID CEILING - (1) 3 LAMP ELECTRONIC BALLAST			
L	PROGRESS *P7186	(2) F32T8/SPX35	SURFACE MOUNT WRAPAROUND			
М	COLUMBIA *CSR4-232-EB8LH120	(2) F32T8/SPX35	SURFACE MOUNT/CHAIN HANG INDUSTRIAL			
M1	COLUMBIA *CSR4-232-EB8LH120-Z	(2) F32T8/SPX35	SURFACE MOUNT/CHAIN HANG INDUSTRIAL - W/ COLD WEATHER BALLAST			
N	PROGRESS #4020 (120V)	(1) 75W A19	ELEVATOR PIT LIGHT			
Р	NOT USED					
Q1	PROGRESS *P3290-20EBWB	(2) 13W CF GU24	SURFACE MOUNT - ANTIQUE BRONZE FINISH			
R	PROGRESS *P7089-20EBWB	(1) 26W 4-PIN QUAD	WALL MOUNTED AT IN COMMON SPACE - ANTIQUE BRONZE FINISH			
AA	KIM *RA172-100MH-ED17	(1) 100W MH	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			
BB	KIM #RA175-100MH-ED17	(1) 100W MH	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			
CC	KIM #AN52-15LED	LED INCLUDED	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			
DD	KIM #WD18D3-175PMH-ED28-HS-DB	175W MH	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			
EE	KIM #WD18D4-175PMH-ED28-HS-DB	175W MH	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			
FF	KIM #WD18D3-175PMH-ED28-HS-DB	175W MH	WALL MOUNTED ON BUILDING EXTERIOR - DARK BRONZE FINISH - VERIFY MOUNTING HEIGHT WITH LANDSCAPE ARCHITECT			

All Lighting fixtures shall be energy star rated or have High performance T8 ballast and lamps to meet Efficiency maine criteria.

PROJECT: MUNJOY COMMONS (SHAILER) PORTLAND, MAINE		IAILER)	THREE PHASE PANELBOARD SCHEDULE			<u>PANEL DESIGNATION:</u> BP (NEW PANEL)		
			SURFACE M	OUNTE	.D			.,
<u>N</u>	IAIN LUGS: 100A	VOL	<u>.TS:</u> 120/208	PHA	<u>SE:</u> 3	WIRE:	4	
KVA LOAD			<u> </u>	B	<u> </u>	22,	000 AIC	KV. LOA
1.2	BOILER B-1		1 1P 20	20 ^{1P} 2		BOILER B-2		1.2
.60	CP-1A		3 1P 20	-}-	-20 ^{1P} -4	CP-2A		.60
.70	CP-1B & SF-1		5 1P 20		20 ^{1P} 6	CP-2B		.53
.94	CP-3		7-1		-	CP-	4	.94
.94			<u>3</u> P/	Ļ	<u> </u>			.94
.94					20—	A	r	.94
.20	UNIT HEATER 8	& OUTLETS	13 1P 20		20 ^{1P} 14	(2) UH-1	.72	
2.2	ERV-1		15 1P 25		25 1P 16	ERV-2	2.2	
1.2	DUPLEX SEWAG	SE EJECTOR	17 1P 20		20 ^{1P} 18	TEMP. CONTI	ROLS	.50
	SPAC	E	19 —		20 ^{1P} 20	SI	PARE	
			21——	4	20 ^{1P} 22			
		-	23—		20 ^{1P} 24	· . · · · · · · · · · · · · · · · · · ·		
		a mada ja kana da ada da kana	25——			Şi	PACE	
			27—		∕ —28			
			29—		~ _30			
	***************************************				L	, man agrant and the first		

KEYED NOTES

- PROVIDE NEW ARC FAULT TYPE CIRCUIT BREAKERS FOR ALL 120V BRANCH CIRCUITS IN UNIT PROVIDE NEW ARC FAULT THE STRONG KITCHEN AND BATHROOMS.
- $\overline{2}$ REPLACE ALL EXISTING OUTLETS WITHIN UNIT WITH NEW TAMPERPROOF OUTLETS.
- REPLACE ALL EXISTING EXPOSED TV AND TEL. CABLE AND JACKS WITH NEW CONCEALED CABLE AND JACKS WITHIN UNIT.
- 4 PROVIDE NEW WIRING TO BE MINIMUM #12 AWG COPPER PROVIDE NEW WIRING FOR LIGHTS AND RECEPTACLES AS INDICATED. ALL NEW WIRING
- PROVIDE CONTACT SWITCH ALARM SYSTEM (9) 121 AUG. ALARM SHALL SOUND WHEN DOOR IS OPENED AND ALL LIGHTING IN FIRE ESCAPE SHALL TURN ON.
- (6) CONNECT TO EXISTING HOUSE EXTERIOR LIGHTING CIRCUIT AND LIGHTING CONTROLS.
- PROVIDE I POLE 20 AMP BREAKER IN EXISTING TENANT PANEL FOR 120V KITCHEN LOADS.
 RE-USE EXISTING BREAKERS WHERE AVAILABLE.
- (8) PROVIDE I POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "HI".
- (9) PROVIDE I POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "H2".
- (10) PROVIDE I POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "H3".
- (11) PROVIDE 2 POLE 50 AMP BREAKER IN EXISTING HOUSE PANEL "HI".
- (12) PROVIDE 2 POLE 50 AMP BREAKER IN EXISTING HOUSE PANEL "H3".
- PROVIDE I POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "H2" FOR COMMON SPACE LIGHTING. PROVIDE I FOLE 20 ALIF DREAKERS WHERE AVAILABLE.
- PROVIDE 1 POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "H3" FOR COMMON SPACE LIGHTING. RE-USE EXISTING BREAKERS WHERE AVAILABLE.
- (15) CONNECT TO EXISTING TENANT LIGHTING CIRCUIT.
- (16) CONNECT TO EXISTING BREAKER SERVING KITCHEN RANGE IN TENANT PANEL.
- (17) SWITCHES FOR RANGE HOOD FAN AND LIGHT TO BE MOUNTED AT COUNTER HEIGHT.
- PROVIDE I POLE 20 AMP BREAKER IN EXISTING TENANT PANEL FOR 120V BATHROOM RECEPTACLE. RE-USE EXISTING BREAKERS WHERE AVAILABLE.
- REPLACE EXISTING WALL SCONCE WITH NEW TYPE "R" FIXTURE, CONNECT TO AND SWITCH WITH STAIR LIGHTING.
- ELECTRICAL PANEL SHALL BE REPLACED SO TOP BREAKER IN PANEL IS NO HIGHER THAN 48" TO CENTER OF HIGHEST BREAKER PROVIDE NEW 100A, 208V, 1PHS LOADCENTER USE EXISTING TUB AS JUNCTION BOX, SPLICE EXISTING BRANCH CIRCUITS AND INSTALL NEW WIRE TO MATCH EXISTING DOWN TO NEW LOAD CENTER BELOW.
- PROVIDE I POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "HI" FOR COMMON SPACE LIGHTING. RE-USE EXISTING BREAKERS WHERE AVAILABLE.
- 22) PROVIDE 3 POLE, 125A SHUNT TRIP TYPE CIRCUIT BREAKER FOR NEW ELEVATOR IN PANEL "HI"
- 23) PROVIDE I POLE 25 AMP BREAKER IN EXISTING HOUSE PANEL "HI" FOR NEW ERV UNIT.
- (24) PROVIDE 2 POLE 20 AMP BREAKER IN EXISTING HOUSE PANEL "HI".

SYMBOL LEGEND

UNIT NUMBER-

POWER PANEL,120/208V,3PHS,4WIRE

TP___ LOAD CENTER,120/208V,1PHS,3WIRE

ELECTRIC MOTOR DRIVEN EQUIPMENT, HP SHOWN SM MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD DEVICE, MOUNTED AT UNIT

JUNCTION BOX - "H" DENOTES RANGE HOOD, "DS" DENOTES DISPOSAL

LIGHTING FIXTURES - CAPITAL LETTERS DENOTE TYPE AS PER LIGHTING FIXTURE SCHEDULE. LOWER CASE LETTERS INDICATE SWITCH CONTROL. ADDITIONAL CROSS LINE INDICATES NIGHT LIGHT - UNSWITCHED

DISCONNECT SWITCH -250 VOLT- SIZE AND NUMBER OF POLES AS INDICATED ON DRAWING PROVIDED AND INSTALLED BY E.C. - UNLESS OTHERWISE NOTED.

VARIABLE FREQUENCY DRIVE - SUPPLIED BY M.C., WIRED BY E.C.

RUN CONCEALED IN WALLS/CEILINGS. ---- RACEWAY & WIRING RUN EXPOSED _____ RACEWAY & WIRING RUN CONCEALED UNDER FLOOR HOME RUN TO PANEL- ARROWS INDICATE
QUANTITY OF CIRCUITS- NUMERALS
DENOTE CIRCUIT NUMBERS

CIRCUITS CONTAINED IN HOMERUN.
DOUBLE ASTERISK INDICATES 2, *8 &1, *10,¾"C

RACEWAY & WIRING OR MC CABLE

BRANCH CIRCUIT WIRING SHALL CONSIST OF 2*12, 1*12G, 1/2"C UNLESS OTHERWISE NOTED.
ASTERISK INDICATES *10 AWG FOR ALL CIRCUITS CONTAINED IN HOMERUN.

SINGLE POLE SWITCH,120 VOLT,20 AMP,SPEC GRADE, GROUNDING TYPE ,MOUNT 48"
AFF, 3-3-WAY,4-4 WAY,P-PILOT LOWER CASE LETTER INDICATES FIXTURE OR CONTROLLED LOAD. PILOT LIGHT SWITCHES SHALL BE PROVIDED W/ ENGRAVED NAMEPLATE IDENTIFYING USE.

SELF CONTAINED EMERGENCY LIGHTING UNIT W/2 HEADS
- LITHONIA *ELM2 12WATTS FOR 90 MINUTES, 6V

EXIT LIGHT FIXTURE - UNSWITCHED - SEE LIGHTING FIXTURE SCHEDULE

DUPLEX RECEPTACLE- 20A, 125V SPEC GRADE GROUNDING TYPE, TAMPER PROOF AND MATCHING PLATE - MOUNT 18" AFF. "R" DENOTES REFRIGERATOR, "D" DENOTES DOUBLE DUPLEX

DUPLEX RECEPTACLE- 20A, 125V SPEC GRADE GROUNDING TYPE, TAMPER PROOF AND MATCHING PLATE - MOUNT 18" AFF. BOTTOM RECEPTACLE SWITCHED

DUPLEX RECEPTACLE- GROUND FAULT OUTLET 20A, 125V- TAMPER PROOF, WITH MATCHING PLATE FURNISHED W/ OUTLET. FLUSH MOUNTED 45" AFF

RANGE OUTLET 50 AMP, 250 VOLT, GROUNDING TYPE FLUSH MOUNTED 18" AFF

DRYER OUTLET 30 AMP, 250 VOLT, GROUNDING TYPE FLUSH MOUNTED 18" AFF

FACE FIRE ALARM CONTROL PANEL

FIRE ALARM AUDIO/VISUAL, MOUNT 6'-8"AFF - NUMERAL DENOTES CANDELA RATING "MH" DENOTES MINIHORN

15 SD FIRE ALARM VISUAL STROBE ONLY - FLUSH MOUNT 6'-8" AFF NUMERALS DENOTE CANDELA RATINGS.

135° 200° SYSTEM CONNECTED FIXED TEMPERATURE HEAT DETECTOR

SB SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE- W/ SOUNDER BASE-

"SB" DENOTES SOUNDER BASE. SS SINGLE STATION SMOKE DETECTOR - PHOTOELECTRIC - AUDIBLE/VISUAL TYPE ALARMS

SD DUCT SMOKE DETECTOR & TEST STATION

F FIRE ALARM PULL STATION - MOUNT 48"AFF

DOOR RELEASE

H MAGNETIC DOOR HOLDER

TV OUTLET LOCATION - CABLE AND JACKS BY E.C. - INTERCONNECT ALL LOCATIONS WITHIN EACH UNIT WITH (1) HOMERUN OF RG6 BACK TO TBB.

TELEPHONE/DATA DUAL JACK LOCATION MOUNT 18"AFF - TWO CAT 5 CABLES BACK TO TBB.

TELEPHONE JACK LOCATION MOUNT 18"AFF - ONE CAT 5 CABLE BACK TO TBB.

CTV CABLE TV JUNCTION BOX "CTV" - SIZE AS REQUIRED BY CABLE TV CO.

PC PHOTOCELL

TIME CLOCK

IP INTERCOM PANEL IN UNIT

IC INTERCOM PANEL AT ENTRANCE

PADDLE SWITCH FOR ELECTRICALLY OPERATED DOOR FURN. W/ DOOR OPERATOR - WIRED BY E.C.

CH DOOR CHIME

DOOR PUSHBUTTON

WP WEATHERPROOF

MS MOTION SENSOR (WATTSTOPPER OR EQUAL) CORRIDORS: WT-2255 SENSOR & B120E-P POWER PACK OTHER COMMON SPACES: WT-605 SENSOR & B120E-P POWER PACK

F SPRINKLER SYSTEM FLOW SWITCH

SUPPLIED BY SPRINKLER CONTRACTOR—WIRED BY E.C. VERIFY LOCATIONS WITH SPRINKLER CONTRACTOR.

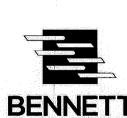
SPRINKLER SYSTEM ELECTRIC BELL. VERIFY LOCATION WITH SPRINKLER CONTRACTOR. PROVIDE 120V POWER.

CWS Architects □ Architecture

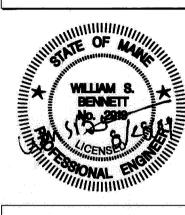
Space Planning Value Design

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Munjoy Commons Apartments

Portland, Maine

Project No

Drawing Title:

SHAILER **ELECTRICAL** DET., LEG., SCHED.

1/4" = 1'-0" August 28, 2009

Date Revisions

Drawing Number: **SHAILER**