

LIGHTING FIXTURE LIST					
TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
A1 A1E	LED 3000K 2000LM/80CRI 25W	LITHONIA (OR APPROVED OTHER)	ZLIN SERIES	TYPE :4' GEN. PURPOSE STRIP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:DIFFUSED ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE 'A1E' SIMILAR TO TYPE 'A1' EXCEPT WITH EMERGENCY BATTERY BACK-UP STORAGE & EQUIPMENT ROOMS
B1 B1E	LED 3500K 4200LM 36W	ALCON LIGHTING (OR APPROVED OTHER)	12200-4 SERIES	TYPE :4FT LINEAR WALL MOUNT MOUNTING :SURFACE (+7'-6" AFF) HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE 'B1E' SIMILAR TO TYPE 'B1' EXCEPT WITH EMERGENCY BATTERY BACK-UP FINISH PER ARCHITECT UL LISTED WET LOCATION STAIRWELLS & LANDINGS
B2	LED 3500K ---LM ---W	TBD (OR APPROVED OTHER)	TBD	TYPE :EXTERIOR WALL SCONCE MOUNTING :SURFACE (+7'-0" MIN) HOUSING :STEEL LENS/REFL : VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT UL LISTED WET LOCATION BUILDING EXTERIOR
B3 B3E	LED 3500K 4200LM 36W	ALCON LIGHTING (OR APPROVED OTHER)	12100-4 SERIES	TYPE :4FT LINEAR CEILING MOUNT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE 'B3E' SIMILAR TO TYPE 'B3' EXCEPT WITH EMERGENCY BATTERY BACK-UP FINISH PER ARCHITECT UL LISTED WET LOCATION STAIRWELLS & LANDINGS
U1	LED 650 LM 3000K 10W	LIGHTOLIER (OR APPROVED OTHER)	S5R SERIES	TYPE :5" DIA. DOWNLIGHT MOUNTING :SURFACE (J-BOX) HOUSING :ALUMINUM LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	WHITE FINISH UNIT KITCHEN, HALL, BATHROOM
U2	LED 650LM 3000K (15W)	TBD (OR APPROVED EQUAL)	TBD	TYPE :WALL SCONCE MOUNTING :SURFACE (CENTERED OVER SINK) HOUSING :ALUMINUM LENS/REFL:ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER	FINISH PER ARCHITECT VERIFY MOUNTING HEIGHT W/ ARCHITECT PRIOR TO ROUGH IN. UNIT KITCHEN
U3	LED 1400 LUMEN 3000K 16W	MAXIM LIGHTING (OR APPROVED OTHER)	52102SN SERIES	TYPE :24" VANITY LIGHT MOUNTING :SURFACE (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL:GLASS VOLTAGE :120V BALLAST :LED DRIVER	POLISHED CHROME FINISH UNIT BATHROOM
U4	LED 1500 LM 3000K 17W	DESIGN CLASSICS LIGHTING (OR APPROVED OTHER)	60309-SN E16 SERIES	TYPE :11" DIA CEILING LIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER	FINISH PER ARCHITECT UNIT BEDROOM
U5	LED 650LM 3000K (15W)	TBD (OR APPROVED EQUAL)	TBD	TYPE :EXTERIOR WALL SCONCE MOUNTING :SURFACE (+6'-6" AFF) HOUSING :ALUMINUM LENS/REFL:ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER	FINISH PER ARCHITECT VERIFY MOUNTING HEIGHT W/ ARCHITECT PRIOR TO ROUGH IN. UNIT ENTRY

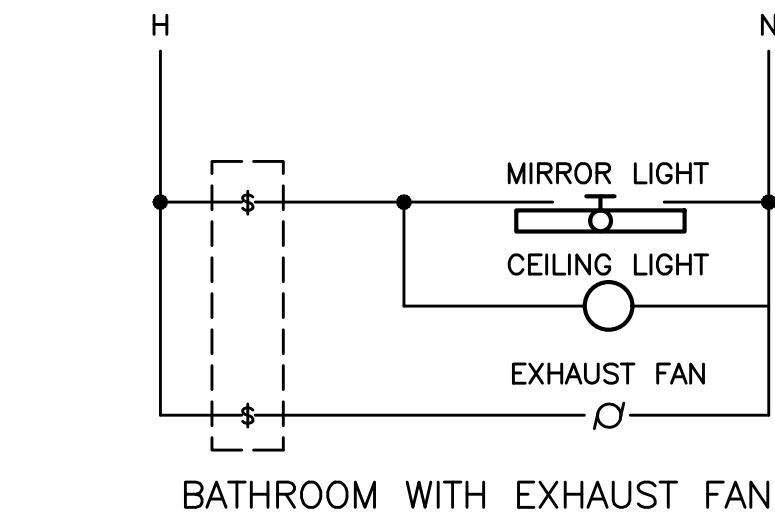
GENERAL LIGHTING NOTES:

- A. ALL LIGHT FIXTURES SHALL HAVE ENERGY EFFICIENT LAMPING AND BALLASTS.
- B. LIGHT FIXTURES FOR LIVING UNITS SHALL BE "ENERGY STAR" RATED.
- C. VERIFY ALL FIXTURE TYPES AND FINISHES WITH ARCHITECT PRIOR TO BID.
- D. VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO BID.
- E. VERIFY ALL FIXTURE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH IN.
- F. ALL INTERIOR LIGHTING SHALL BE 3000 KELVIN UNLESS OTHERWISE NOTED.
- G. ALL PRODUCT SUBSTITUTIONS AND VALUE ENGINEERING SHALL BE SUBMITTED DURING BID PHASE, SHALL MEET DESIGN INTENT AND IS SUBJECT TO OWNER APPROVAL.
- H. EGRESS LIGHTING SHALL BE PROVIDED WITH EMERGENCY BATTERY BACKUP, EITHER INTEGRAL OR REMOTE, AS REQUIRED. EGRESS LIGHTING SHALL BE PROVIDED TO MEET MINIMUM LIGHT LEVELS AS DESCRIBED PER OREGON STRUCTURAL SPECIALTY CODE 1006.3.
- I. BUILDING EXTERIOR & SITE LIGHTING SHALL BE CONTROLLED VIA PHOTOCELL, EITHER INTEGRAL OR REMOTE, FOR DUSK-TILL-DAWN OPERATION.
- J. PARKING LOT AREA LIGHTS SHALL BE PROVIDED WITH MOTION SENSOR (OR OTHER APPROVED MEANS) TO REDUCE LIGHT LEVELS BY A MINIMUM OR 30% DURING PERIODS OF LOW ACTIVITY.
- K. BUILDING MOUNTED LIGHT FIXTURES TYPE 'S2' SHALL BE CONTROLLED VIA PHOTOCELL AND SHALL ACT AS EGRESS LIGHTING IN THE EVENT OF POWER FAILURE. THESE FIXTURES ARE TO BE SEPARATE FROM TENANT CONTROLLED "PORCH" LIGHTS.

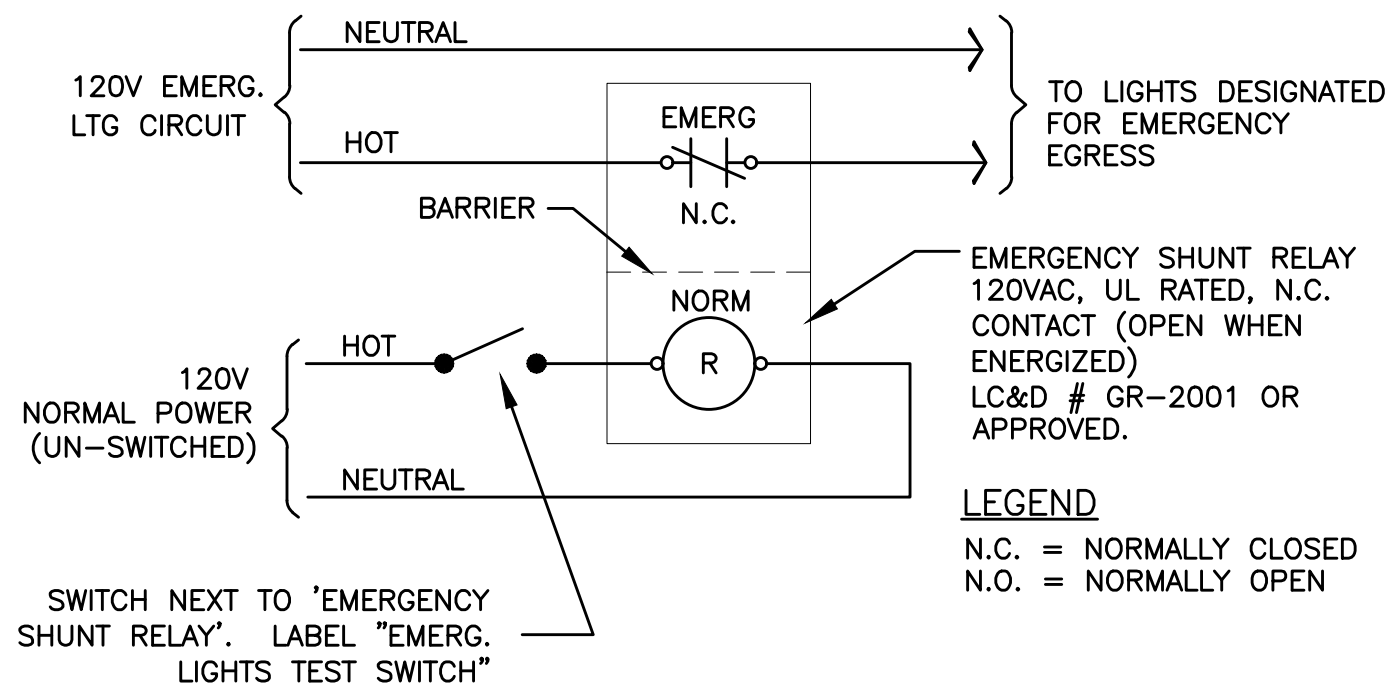
MECHANICAL EQUIPMENT SCHEDULE									
NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
EF-1	EXHAUST FAN NO.1	11.0W	120	1		1/2"	#12	#12	SEE UNIT PLANS
EF-2	EXHAUST FAN NO.2	11.0W	120	1		1/2"	#12	#12	SEE E2.01
EH-1	ELECTRIC HEATER NO.1	5.0KW	240	1		1/2"	#10	#10	SEE E2.01
ERV-1	VENTILATION UNIT NO.1	25.0W	120	1		1/2"	#12	#12	SEE UNIT PLANS
IHP-1	MINI SPLIT SYST NO.1 (INDOOR)								
OHP-1	MINI SPLIT SYST NO.1 (OUTDOOR)		240	1	17.1 MCA	1/2"	#12	#12	SEE UNIT PLANS
IHP-2	MINI SPLIT SYST NO.2 (INDOOR)								
OHP-2	MINI SPLIT SYST NO.2 (OUTDOOR)		240	1	17.1 MCA	1/2"	#12	#12	SEE UNIT PLANS
IHP-3	MINI SPLIT SYST NO.3 (INDOOR)								
OHP-3	MINI SPLIT SYST NO.3 (OUTDOOR)		240	1	17.1 MCA	1/2"	#12	#12	SEE UNIT PLANS
IHP-4	MINI SPLIT SYST NO.4 (INDOOR)								
OHP-4	MINI SPLIT SYST NO.4 (OUTDOOR)		240	1	17.1 MCA	1/2"	#12	#12	SEE UNIT PLANS
WH-1	WATER HEATER NO.1	4.5KW	240	1		1/2"	#12	#12	SEE UNIT PLANS

GENERAL EQUIPMENT NOTES:

- A. CONTRACTOR/DESIGNER SHALL VERIFY ALL MECHANICAL EQUIPMENT CONNECTION LOAD REQUIREMENTS WITH THE MECHANICAL EQUIPMENT PROVIDER PRIOR TO ROUGH IN.
- B. MECHANICAL EQUIPMENT SIZES SHOWN IN THE MECHANICAL SCHEDULE ABOVE ARE FOR REFERENCE ONLY AND MAY NOT REFLECT THE ACTUAL EQUIPMENT TO BE INSTALLED.



1
E1.12
BATHROOM SWITCHING DIAGRAM — TYPICAL
NO SCALE



2
E1.12
EMERGENCY EGRESS LIGHTING — UNSWITCHED
NO SCALE



Date:	W/D/Y	10/15
Proj. No:	###	DNT
Drawn By:	DNT	RLC
Chkd By:	DNT	DNT
Dsgn By:	DNT	DNT
Acad File:		

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ELECTRICAL SCHEDULED & DETAILS



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