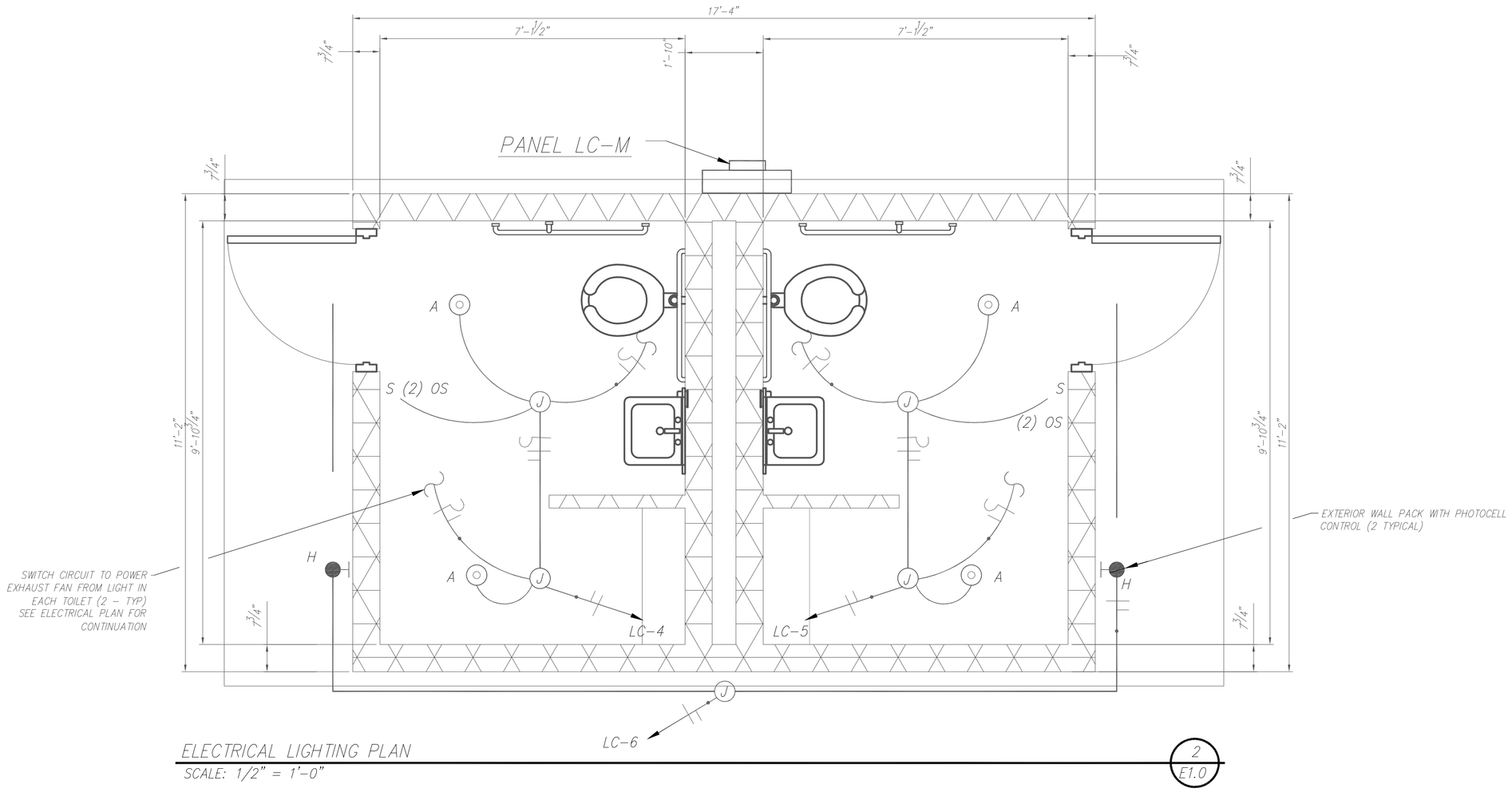
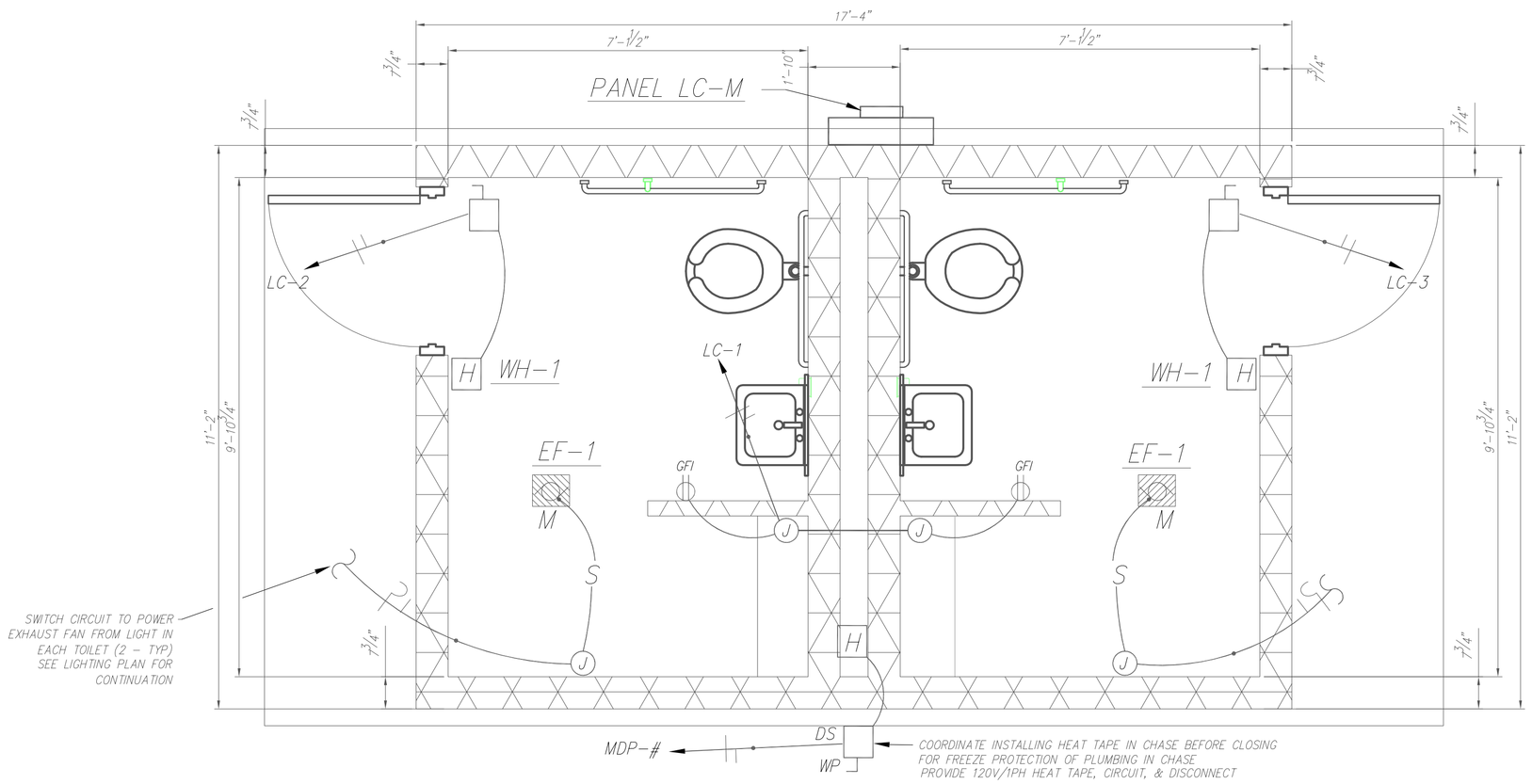


ELECTRICAL LIGHTING PLAN
SCALE: 1/2" = 1'-0"

2 E1.0



ELECTRICAL POWER PLAN
SCALE: 1/2" = 1'-0"

1 E1.0

ELECTRICAL LEGEND

J	JUNCTION BOX – CONNECT EQUIPMENT AS REQUIRED		120V RECEPTACLE, DUPLEX – 18" AFF UNLESS OTHERWISE NOTED
	MAIN LOAD CENTER	GFI	120V RECEPTACLE, GROUND FAULT INTERRUPTING
	DISCONNECT SWITCH – SIZE AS NOTED ON PLANS AMPS/POLE		LED FIXTURE – WALL MOUNT – LETTER DENOTES TYPE SEE LEGEND THIS SHEET FOR MODEL#
S	SWITCH – SINGLE POLE, 4' AFF, LOWER CASE LETTER IND CIRCUIT SWITCHING, SEE SWITCHING LEGEND THIS SHEET FOR MODEL #		LED FIXTURE – CEILING MOUNT – LETTER DENOTES TYPE SEE LEGEND THIS SHEET FOR MODEL#
S(2) OS	SWITCH – DUAL CIRCUIT OCC/VAC H. 4' AFF SEE SWITCH LEGEND THIS SHEET FOR MODEL #	CTR	NOTE: COUNTER TOP – 8" ON CENTER ABOVE FINISHED COUNTER
S_M	MANUAL MOTOR STARTER – SQUARE D CLASS 1510 W/OVERLOAD PROTECTION IN ALL LEGS	DS	NOTE: DISCONNECT SWITCH
	WIRE AND CONDUIT	FBO	NOTE: FURNISHED BY OTHERS
MDP-#	HOMERUN TO MAIN PANEL – SYMBOL DENOTES PHASE, SW PHASE, NEUTRAL, RUN, GROUND	WP	NOTE: WEATHER PROOF PHASE, NEUTRAL, RUN, GROUND
	ELECTRICAL EQUIPMENT AS NOTED		
	MOTOR		

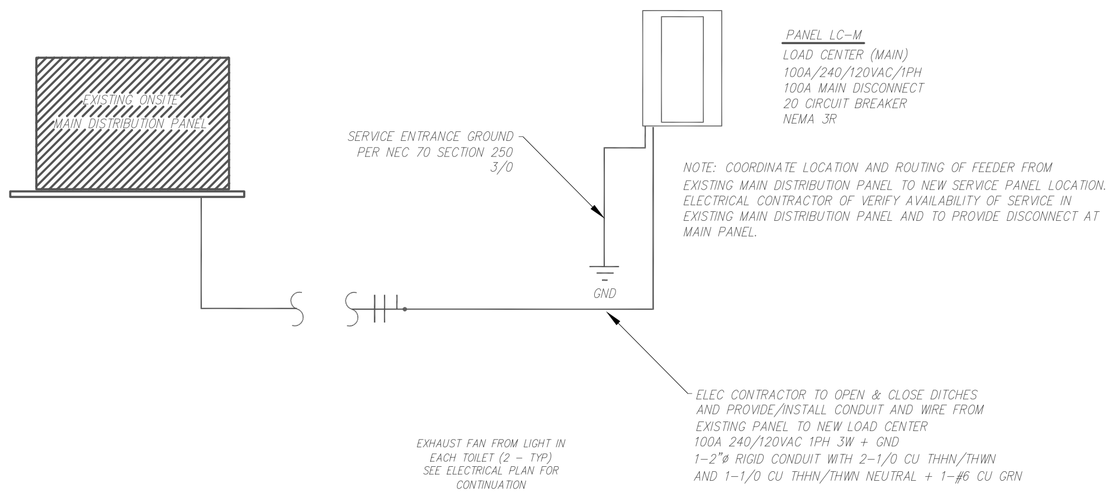
LIGHTING AND FIXTURE SCHEDULE

NOTE	DESCRIPTION	MANUFACTURER	MODEL #	QUANTITY	TEMPERATURE
A	CEILING SURFACE MOUNT WET LOCATION LED POLYCARBONATE RESTROOM FIXTURE	BROWNLEE LTG	1005-CSWLED-40K-T	4 EA	4000K
H	EXTERIOR LED WALL PACK FIXTURE W/PHOTO CONTROL	BROWNLEE LTG	1005-CSWLED-40K-T	2 EA	4000K
EF-1	EXHAUST FAN MATCH EXISTING	MATCH	MATCH	2 EA	
WH-1	RESISTANCE HEATER MATCH EXISTING	MATCH	MATCH	2 EA	

PANEL SCHEDULE

NOTE	DESCRIPTION	CIRCUIT BREAKERS	EQUIPMENT/DEVICE
LC-M	LOAD CENTER (MAIN) – SQUARE D MODEL NO. HOM2040M100PRB OR APPROVED EQUIVALENT – 100A/240/120VAC/1PH NEMA 3R SURFACE MOUNT ENCLOSURE WITH 1-100A MAIN CIRCUIT BREAKER AND 20 CIRCUIT BREAKER SPACES	(1) – 100A/2P	MAIN CB (PANEL LC-1)
		(12) – 20A/1P	EF-1, LIGHTS, HEAT TAPE, RECEPT, SPACES, ETC.
		(2) – 20A/1P/GFI	WH-1 (2 REQD)

PRELIMINARY



ELECTRICAL SERVICE RISER
SCALE: NA

3 E1.0

GENERAL ELECTRICAL NOTES

1. THESE DRAWINGS ARE SCHEMATIC REPRESENTATION OF THE ELECTRICAL EQUIPMENT REQUIRED AT THIS FACILITY. EXACT MATERIAL TAKE-OFFS ARE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
2. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO VISIT THE SITE AND ESTABLISH SITE CONDITIONS BEFORE PROVIDING BID OR ANY ON SITE WORK & MATERIALS.
3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL MATERIAL AND LABOR AS IDENTIFIED ON THIS DRAWING AND THE PROVIDED SCOPE OF WORK.
4. THE ELECTRICAL CONTRACTOR IS TO TAKE STEP TO SAFEGUARD ALL EXISTING EQUIPMENT ON SITE AND REPAIR/REPLACE ANY DAMAGE EQUIPMENT NOT IDENTIFIED FOR REMOVAL.
5. THE ELECTRICAL CONTRACTOR IS TO COORDINATE INSTALLATION WITH THE GENERAL AND MECHANICAL CONTRACTOR.
6. THE ELECTRICAL CONTRACTOR MUST RECEIVE PERMISSION FROM THE ENGINEER OF RECORD BEFORE MAKING ANY PENETRATION OR ATTACHING TO THE BUILDING SYSTEM AND/OR STRUCTURAL STEEL.
7. ANY PENETRATIONS THROUGH WALLS AND ROOF SHALL BE SEALED WATER TIGHT AND INSTALLED PER THE ROOF MANUFACTURER'S WARRANTY.
8. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS, INSPECTIONS, AND ASSOCIATED FEES/CHARGES TO COMPLETE THE ELECTRICAL WORK IDENTIFIED ON THIS DRAWING.
9. ALL WIRE SHALL BE COPPER THHN/THWN, 600W INSULATION SIZED FOR APPLICATION ACCORDING TO CURRENT NEC (MOST CURRENT).
10. PROVIDE GROUNDING PER NEC (MOST CURRENT).
11. ALL EXPOSED EQUIPMENT, CONDUIT AND BOXES SHALL BE PAINTED AND FINISHED PER THE ARCHITECT.
12. COMPLY WILL ALL LOCAL CODES & ORDINANCES INCLUDING MOST CURRENT NFPA 70 (NEC). NO COMMON NEUTRALS SHALL BE ALLOWED.
13. THE ELECTRICAL CONTRACTOR SHALL LOCATE AND VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION.

APPROVED BY:			
TITLE	SIGNATURE	DATE	
TITLE	SIGNATURE	DATE	
TITLE	SIGNATURE	DATE	

DESIGNED BY: XYZ
DRAWN BY: XYZ
CHECKED BY: XYZ

REV	DESCRIPTION	BY	DATE
A	ISSUED FOR BID	JSD	01/01/20

SCALE: 0' 2' 4' GRAPHIC SCALE

LOCATION:
ASHLEY PARK
210 SW 3RD ST
BRYANT, ARKANSAS
72022

CITY OF BRYANT ARKANSAS Est 1892

DWG. TITLE:
ASHLEY PARK
BATHROOM
ELECTRICAL
POWER & LIGHTING PLAN

REVISION NO./DATE: A – 11/15/19
PROJECT NO.:
SHEET NO.: E1.0

XXX####XXX.DWG