

DATE:
06/30/2021

JOB #6

REVISION:

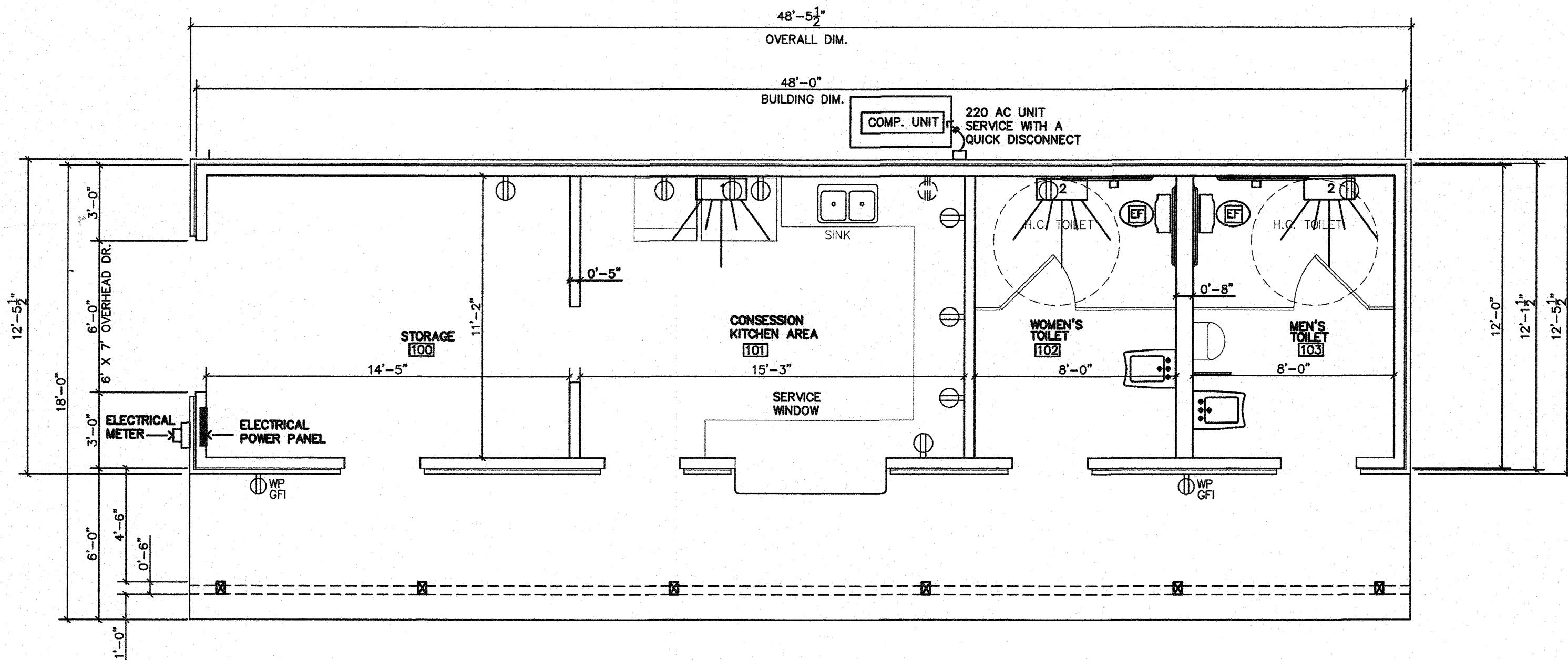
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RIGHTS RESERVED:

NEW BUILDING FOR:
NEW CONSESSION BUILDING
PIONEER SCHOOLS OKLAHOMA
3686 STATE HIGHWAY 92, OKLAHOMA 73018

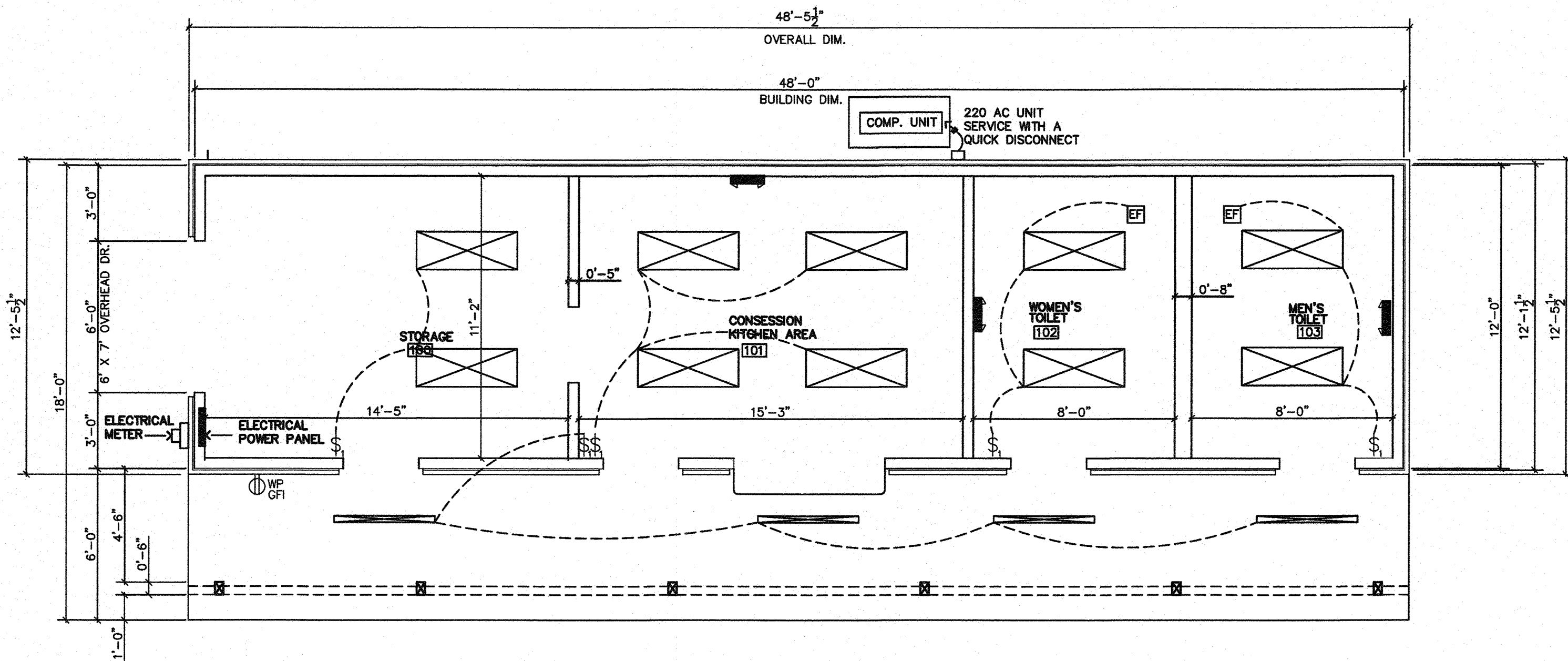
PLOT SCALE:
1/4" = 1'-0"

SHEET NO.:

E100



UNKNOWN
A
ELECTRICAL POWER PLAN
SCALE: 1/4" = 1'-0"



UNKNOWN
A
ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	
⊖ OR ⊕	110V DUPLEX	
⊖ GFI OR ⊕ WP GFI	120V WEATHER PROOF DUPLEX WITH GROUND FAULT	
⊖	220V DUPLEX	
—	200A PANEL BOARD W/ 42P IN THE WALL MOUNT W/GROUND KIT VOLTAGE: 120/208V, 3PHASE, 4 WIRE	

GENERAL NOTES:

- PROVIDE AND INSTALL CURRENT TECHNOLOGY TRANSIENT VOLTAGE SURGE SUPPRESSION.
 - PROVIDE AND INSTALL 5/8" ROUND BY 8'-0" DEEP COPPER GROUND ROD IN ORDER TO GROUND THE ENTIRE ELECTRICAL EQUIPMENT.
 - PROVIDE AND INSTALL ALL COVERS TO ALL WEATHERPROOF OUTLETS AND EQUIPMENT.
 - PROVIDE AND INSTALL GFI OUTLETS AT ALL WATER SOURCES.
 - FIELD VERIFY FINAL CIRCUITING REQUIREMENTS OF ALL AIR HANDLERS/CONDENSING UNITS AND OTHER HVAC EQUIPMENT WITH HVAC CONTRACTOR (TYPICAL)
 - DRAWINGS HAVE NOT HAD THE PROPER REVIEW FOR CODE COMPLIANCE.
- RECOMMENDED LIGHTING LEVELS:
 - MECHANICAL ROOM 20 - 30 FC
 - RESTROOMS 20 - 30 FC
 - KITCHEN 50 - 75 FC

ELECTRICAL LEGEND		
SYMBOL	DESCRIPTION	MANUF. MODEL AND NUMBER
⊖	1'-8" x 4 LED SURFACE MOUNT LIGHT 4400 LUMENS - 4000K	
—	4'-0" STRIP LIGHT SURFACE MOUNT 4400 LUMENS - 4000K	
⊖	EMERGENCY LIGHT WITH BATTERY BACKUP - 120 VOLT	HUBBELL PRM- 1509- 118 OR EQUAL
⊖	SINGLE POLE SWITCH	