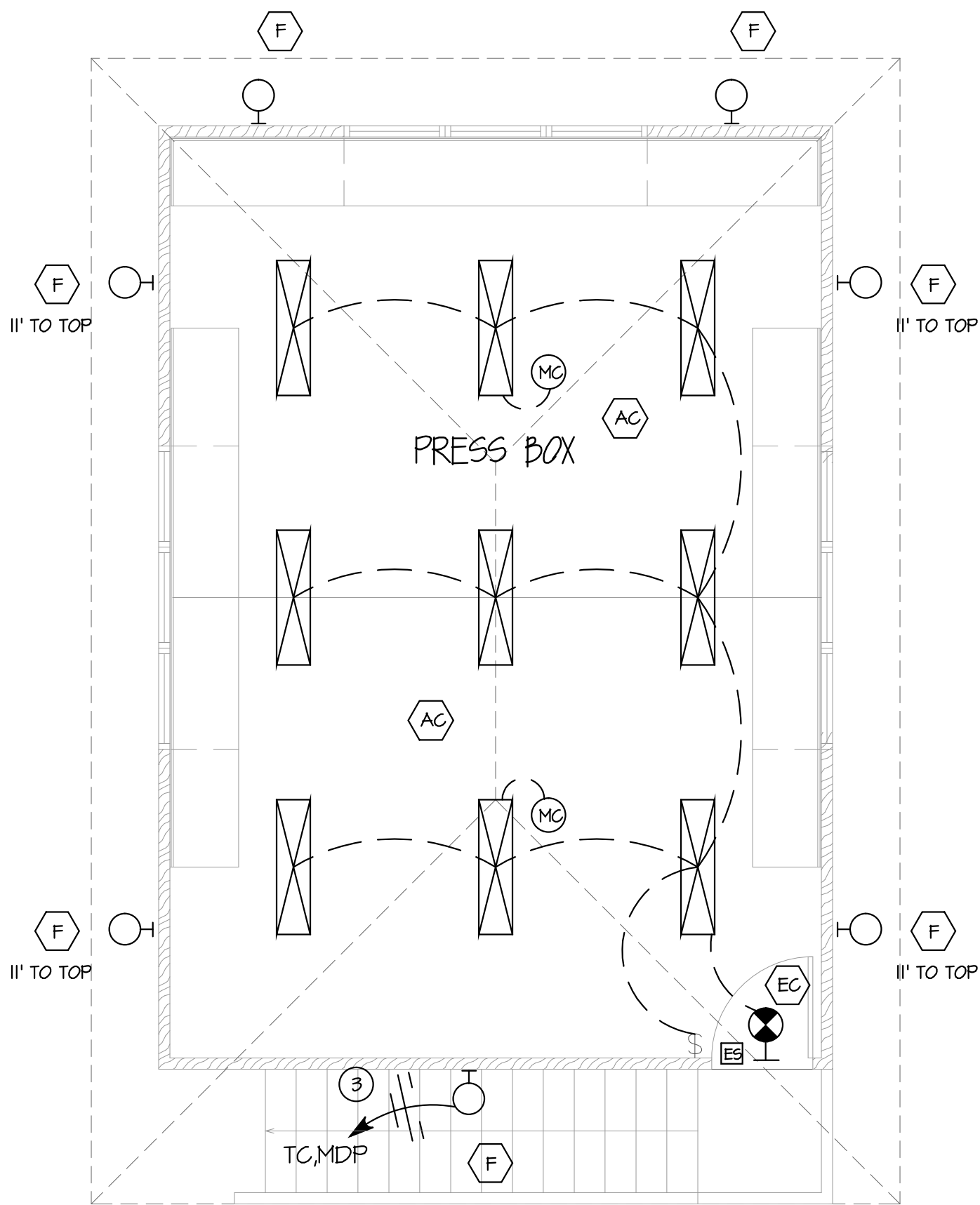
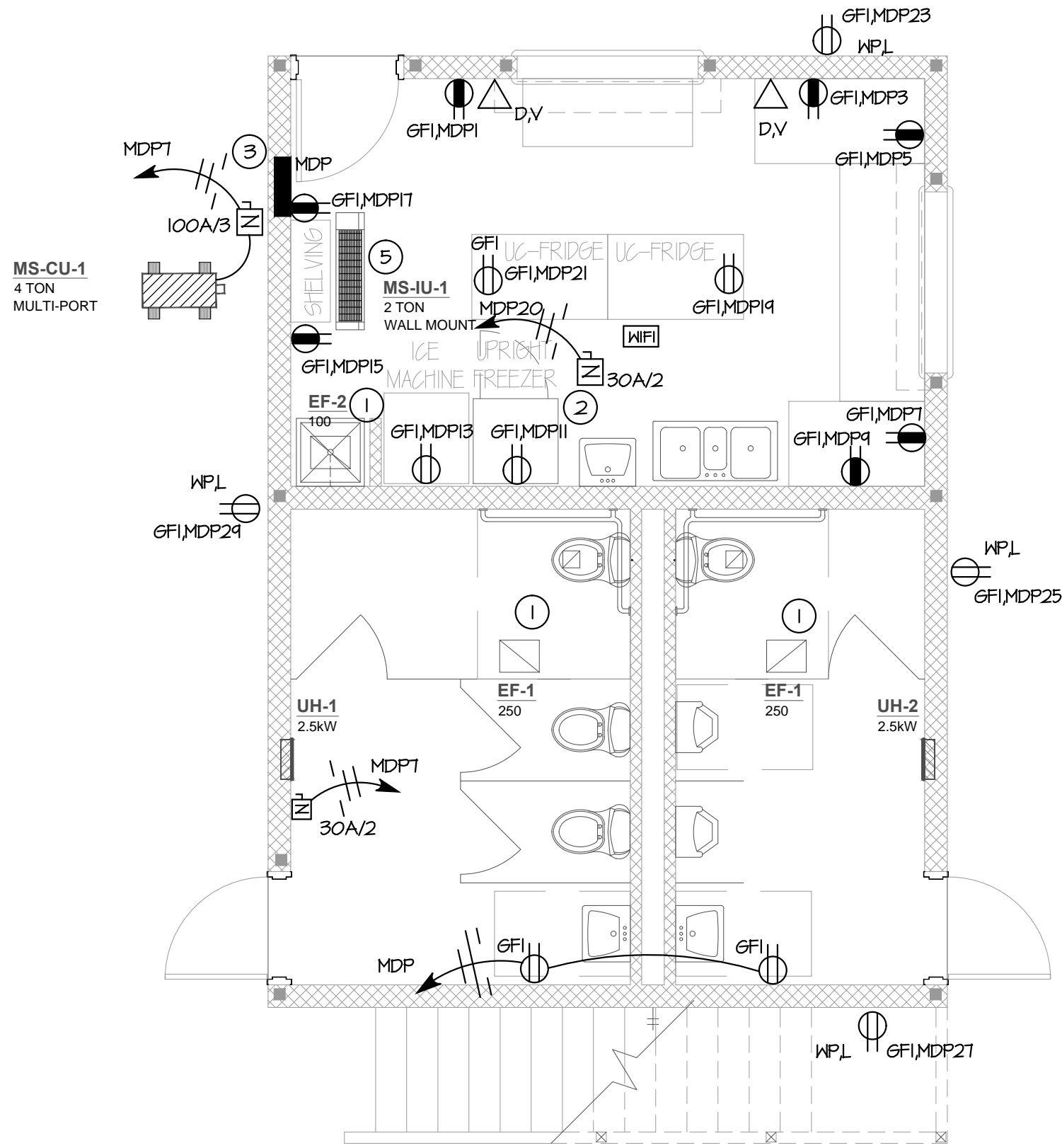


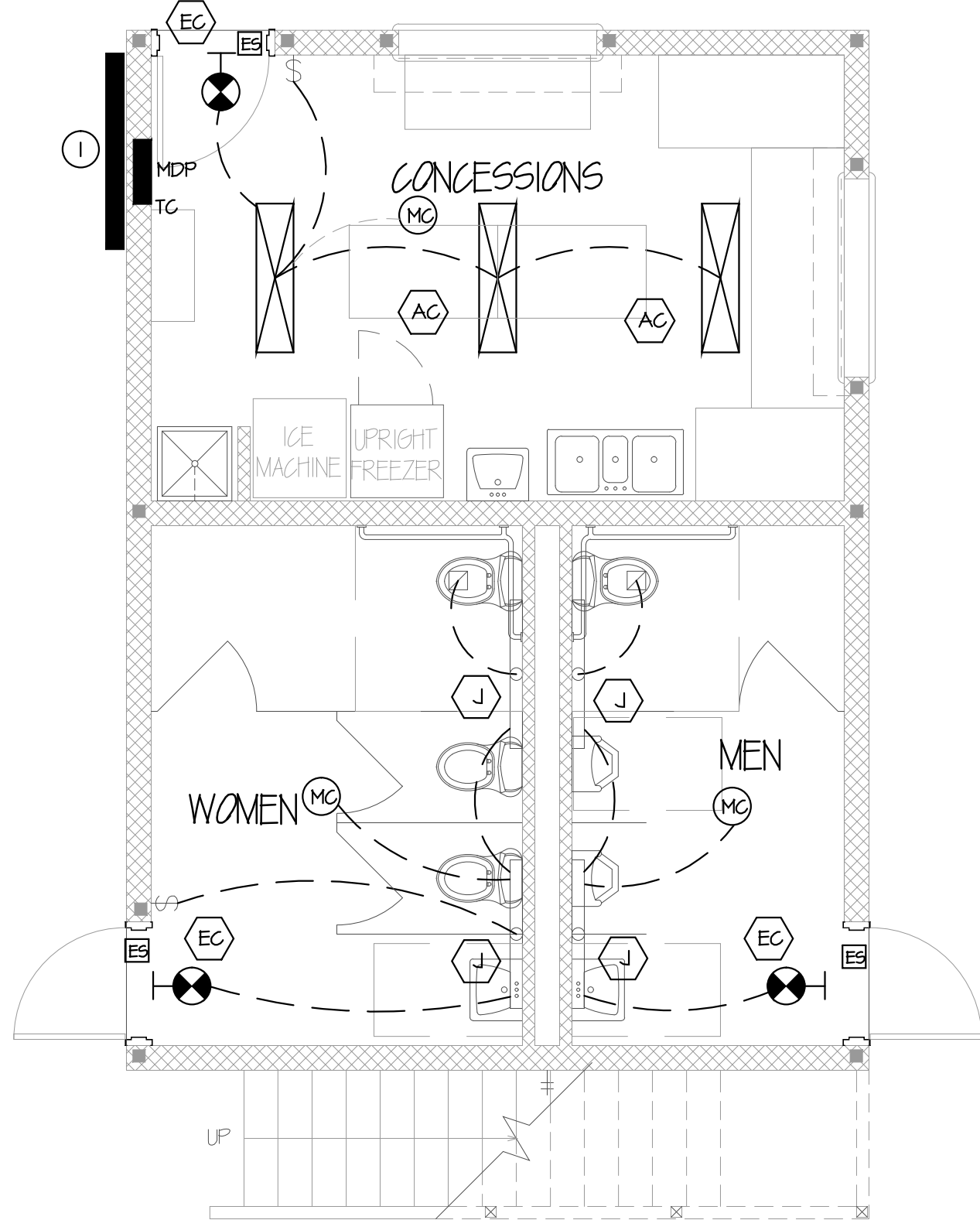
2
E100
UPPER LEVEL POWER PLAN
1/4" = 1'-0" 560 S.F.



2
E100
UPPER LEVEL LIGHTING PLAN
1/4" = 1'-0" 560 S.F.



1
E100
MAIN LEVEL POWER PLAN
1/4" = 1'-0" 560 S.F.



1
E100
MAIN LEVEL LIGHTING PLAN
1/4" = 1'-0" 560 S.F.

GENERAL NOTES:

- ALL ELECTRICAL CONDUITS SHALL BE CONCEALED IN FLOOR OR WALL.
- ALL DISCONNECT SWITCHES AND EQUIPMENT SHALL BE LABELED USING PHENOLIC NAMEPLATE INDICATING POWER SOURCE PANEL AND CIRCUIT BREAKER NUMBER.
- BASED ON ROUTING OF CONDUITS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPSIZING BRANCH CIRCUIT WIRING AS REQUIRED TO LIMIT VOLTAGE DROP ON BRANCH CIRCUIT TO 3%.
- PROVIDE DISCONNECT SWITCH FOR ALL HVAC EQUIPMENT WHERE DISCONNECT NOT PROVIDED WITH UNIT.
- CONTRACTOR SHALL LABEL ALL PANELS, ETC., PER SPECIFICATIONS WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY. PROVIDE LABELING AS REQUIRED.
- ALL RECEPTACLES REQUIRED TO BE GFI PER NEC SHALL BE GFI.
- CONNECT ALL RECEPTACLES IN ROOM TO BRANCH CIRCUIT DESIGNATION INDICATED IN ROOM.

PLAN NOTES:

- CONNECT EXHAUST FAN TO SWITCHED "LEG" OF LIGHTING IN ROOM SERVED UNLESS NOTED/INDICATED OTHERWISE, SEE E11.
- WATER HEATER 4.5KW, 240V, 1Ø WITH LOCAL DISCONNECT.
- NEW SERVICE ENTRANCE DISTRIBUTION PANELBOARD MDP AND UNDERGROUND SERVICE CONDUCTORS TO SERVICE TRANSFORMER/METER. SEE CIVIL DRAWINGS. COORDINATE 400A SERVICE WITH LOCAL UTILITY. PROVIDE ALL COMPONENTS REQUIRED BY LOCAL UTILITY FOR COMPLETE ELECTRICAL SERVICE.
- PROVIDE SEMI RECESSED, WEATHERPROOF, WHILE IN USE BOXES AND COVER. BOX SHALL NOT BE SURFACE MOUNTED TO EXTERIOR SIDE OF BRICK.
- INDOOR UNIT/BS BOX, CONNECT ALL UNITS TO COMMON BRANCH CIRCUIT IN PANEL MDP. SEE BUSSING DIAGRAMS. PROVIDE FRACTIONAL HORSEPOWER DISCONNECT SWITCH AT EACH UNIT.
- CONTRACTOR SHALL LABEL ALL PANELS, ETC., PER SPECIFICATIONS WITH ARC FLASH HAZARD PPE REQUIREMENTS INCLUDING CLOTHING TYPE AND DISTANCE REQUIREMENTS BASED ON ARC FLASH STUDY PERFORMED BY GEAR MANUFACTURER. PROVIDE LABELING AS REQUIRED.

GENERAL LIGHTING PLAN NOTES:

- CONNECT ALL EXIT LIGHT FIXTURES AND NIGHT LIGHTS TO HOT CONDUCTOR OF BRANCH LIGHTING CIRCUIT IN AREA.
- BASED ON ROUTING OF CONDUITS, ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPSIZING BRANCH CIRCUIT WIRING AS REQUIRED TO LIMIT VOLTAGE DROP TO 3%.
- FIELD LOCATE ALL MOTION SENSORS TO PROVIDE BEST COVERAGE IN ROOM/AREA. SET MOTION SENSORS TO SHUT OFF LIGHTING AFTER 30 MINUTES OF INACTIVITY.

GENERAL PLAN NOTES:

- ALL WORK SHALL BE DONE BY A LICENSED CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOBSITE SAFETY, INCLUDING REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR, UNLESS NOTES OTHERWISE.
- THERE SHALL BE NOTHING ABANDONED IN PLACE, UNLESS SPECIFICALLY IDENTIFIED AS SUCH.
- ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, INCLUDING ADDENDA, AND APPLICABLE CODES AND STANDARDS.
- ALL TRADES SHALL COORDINATE THE ROUTING AND INSTALLATION OF HIS WORK WITH THAT OF ALL OTHER TRADES THROUGH THE GENERAL CONTRACTOR.
- PROVIDE ALL EQUIPMENT, MATERIAL, LABOR, SUPERVISION, COST, AND SERVICES REQUIRED TO INSTALL COMPLETE AND WORKING SYSTEMS, INCLUDING ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE, INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFIED OR SHOWN.

PLAN NOTES:

- EXISTING SPORTS FIELD LIGHTING PANEL AND CONTROL PANEL SHALL REMAIN HOWEVER RESUPPORT ALL COMPONENTS WITH NEW UNISTRUT SUPPORT SYSTEM.

REVISIONS	BY

DRAWN	BGC
CHECKED	-
APPROVED	-
JOB NO.	6918
DATE	1-10-19
SHEET	E-100
OF	2 SHEETS