



1 RISER DIAGRAM
E-5.2 SCALE: NOT TO SCALE

NOTES:

1. PROVIDE 600A, NEMA 3R, SERVICE ENTRANCE RATED ELECTRICAL WIREWAY. WIREWAY SHALL BE SIZED PER NEC AND SHALL BE SUITABLE TO ACCEPT THE REQUIRED NUMBER OF CABLES.
2. PROVIDE 2 SETS OF 4 #350KCMIL IN 3" EACH.
3. PROVIDE UTILITY METER AND METER CAN.
4. PROVIDE 100A, 240V FUSED DISCONNECT WITH 100A FUSES.
5. PROVIDE 100A MLO, 208/120V, 3PH, 4W, 42 POLE PANEL BOARD.
6. PROVIDE 4 #1, 1 #6G IN 1-1/2".
7. PROVIDE 200A, 240V FUSED DISCONNECT SWITCH WITH 200A FUSES.
8. PROVIDE 200A MLO, 208/120V, 3PH, 4W, 42 POLE PANEL BOARD.
9. PROVIDE 4 #3/0, 1 #6G IN 3-1/2".
10. PROVIDE 100A, 240V FUSED DISCONNECT SWITCH WITH 400A FUSES.
11. PROVIDE 400A MLO, 208/120V, 3PH, 4W, 84 POLE PANEL BOARD.
12. PROVIDE 4 #350KCMIL #3G IN 3-1/2".
PROVIDE CT CABINET IF REQUIRED.
14. PROVIDE 100A MLO, 208/120V, 3PH, 4W, 24 POLE PANEL BOARD.

GENERAL NOTES

1. BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:
 - A. LIGHTING AND POWER NETWORKS: (120/208V, 3PH)
 - 1) 100 FEET OR LESS:
 - PHASE - 3#12 AWG
 - NEUTRAL - 1#12 AWG
 - GROUND - 1#12 AWG
 - 2) GREATER THAN 100 FEET:
 - INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE.
 - 3) TWO NETWORKS MAXIMUM PER CONDUIT.
 - B. PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND/OR DATA OUTLET WITH 4" C. S. DRIBBED-UP TO 6" ABOVE WALL PARTITION, OR 4" ABOVE CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
 - C. MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
2. EMERGENCY LIGHTING CIRCUITING SHALL BE THE SAME CIRCUIT AS THE SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES.

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DATE									
REVISION									
DRAWING NO.	E-5.2								
DRAWN BY	ASHIM K. RAI								
CHECKED BY									
DATE	06/18/20								
PROJECT	STORE/2ND FLOOR RISER DIAGRAM								
CLIENT	WILD WOLF - COMMERCIAL DEVELOPMENT								
ADDRESS	BOYD MORRIS ROAD & GA HWY 293 SPUR								
CITY	BARTOW COUNTY, GEORGIA 30120								
GENERAL CONTRACTOR	BLACKWATER CONSTRUCTION								
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