

PLOT DATE:

August, 21 2018

Table with 3 columns: No., Description, Date

STORE NUMBER 1687 Tattersall Park US 260 & Highway 19 Hoover Shelby Co., AL

48.10 08/21/2018 SIENNA LITE

ELECTRICAL RISER DIAGRAM

1/8" = 1'-0"

E7.1

MAIN SWITCHBOARD SCHEDULE. TABLE WITH 7 COLUMNS: SQAURE, 4'400 AMP FRAME SWITCHBOARD RATED 100,000 AIC SYM. COLUMNS: CKT, Frame, Rating, Poles, DEVICE SERVED, PHASE A, PHASE B, PHASE C, Load, PANEL DEMAND.

SUMMARY OF LOADS. TABLE WITH 4 COLUMNS: Load Classification, Connected Load, Demand Factor, Panel Totals.

SHORT CIRCUIT OUTPUT DATA. TABLE WITH 4 COLUMNS: LABEL, VOLTS, PH, MOTOR CALC. PERCENT, X/R SYMM. RATIO CURRENT.

VOLTAGE DROP. TABLE WITH 5 COLUMNS: FED BY, PANEL NAME, LENGTH, WIRE SIZE, % LOAD, % DROP.

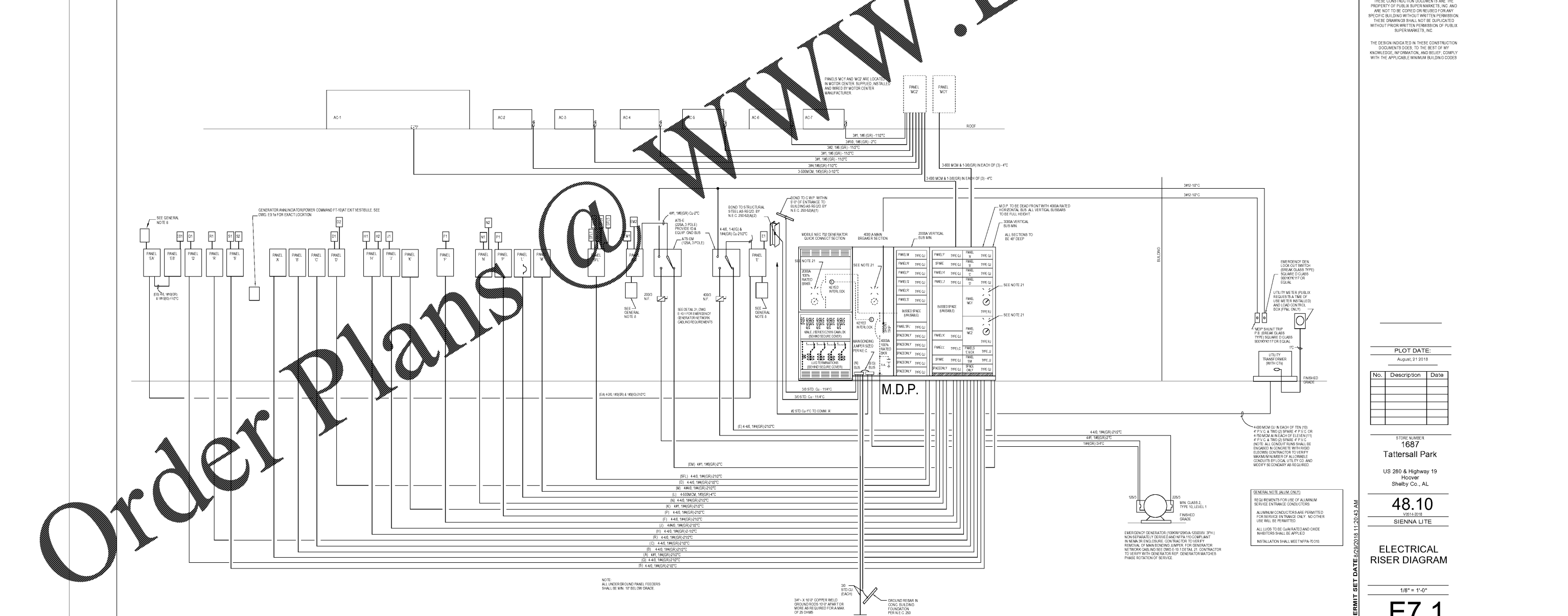
Table with 5 COLUMNS: BREAKER SIZE, MINIMUM CONDUCTOR SIZE, MINIMUM CONDUIT SIZE, MAXIMUM CONDUIT LENGTH, MINIMUM CONDUIT BEND RADIUS.

NOTE: U.S. DIMENSIONS QUARANTEED BY EQUIPMENT MANUFACTURERS.

CONTRACTOR TO VERIFY VOLTAGE DROP IF CONDUIT BREAKER COMBINATION INSTALLED IS NOT LISTED ABOVE.

CONTRACTOR TO USE 480 VOLT CONDUCTORS TO ALLOW MAX VOLTAGE DROP OF 3% FOR FEEDER CIRCUITS AND 5% FOR BRANCH CIRCUITS IN UNALLOWED LENGTHS EXCEEDING THREE (3) FEET ABOVE.

DISTANCES INDICATED ALLOW FOR A MAX. OF 1% VOLTAGE DROP TOTAL FOR FEEDER AND BRANCH CIRCUITS COMBINED, IN COMPLIANCE WITH/IF F.C.C. SECTION 15.113.



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