

PROJECT NO. 212063R
100% COMPLETE
5504 W Pinnacle Pointe Dr
Suite 200
Rogers, AR
TEL 479-899-6370

CONSULTANT:
HP ENGINEERING, INC.
#1653
ARKANSAS - ENGINEER

Architecture and Interiors

MSRDesign
510 Marquette Avenue South, Suite 200
Minneapolis, MN 55402 | 612.753.0336

Associate Architect

Height Jackson Associates PA
5201 W Village Plaza #300
Rogers, AR 72758 | 479.464.4965

Civil Engineer

E | D | G
216 West Birch Street
Rogers, AR 72758 | 501.378.0200

Landscape Architect

TEN x TEN
575 SE 9th St #210
Minneapolis, MN 55414 | 612.440.8369

Structural Engineer

3100 S Market St #202
Rogers, AR 72758 | 479.621.6128

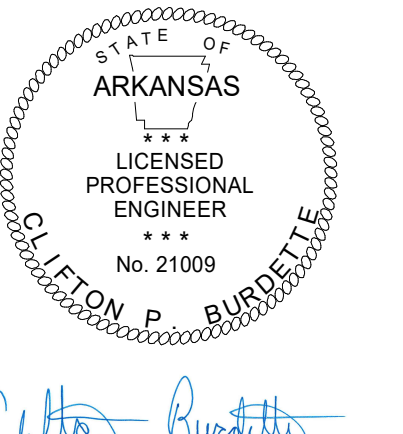
MEP Engineer

HP Engineering, Inc.
5504 W Pinnacle Pointe Dr, Ste. 200
Rogers, AR 72758 | 479.899.6370

Bentonville Public Library
Expansion
405 S Main Street
Bentonville, AR 72712

Project No. 2021007

Engineer Seal



Signature: Clifton Burdette
Print Name: Clifton Burdette
Date: 1/18/2023 License No. 21009

BID SET

ISSUE / REVISION

Table with 2 columns: Mark Date, Description. Contains revision history from 12/15/2021 to 5/02/2023.

Issued By: Clifton Burdette, Date: 1/18/2023

ELECTRICAL
SCHEDULES AND
RISER

E501

Branch Panel: LF
Location: MDP
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1
Notes:
Table with columns: CKT, Circuit Description, Trip, Poles, Wire, A, B, C, Wire, Poles, Trip, Circuit Description, CKT

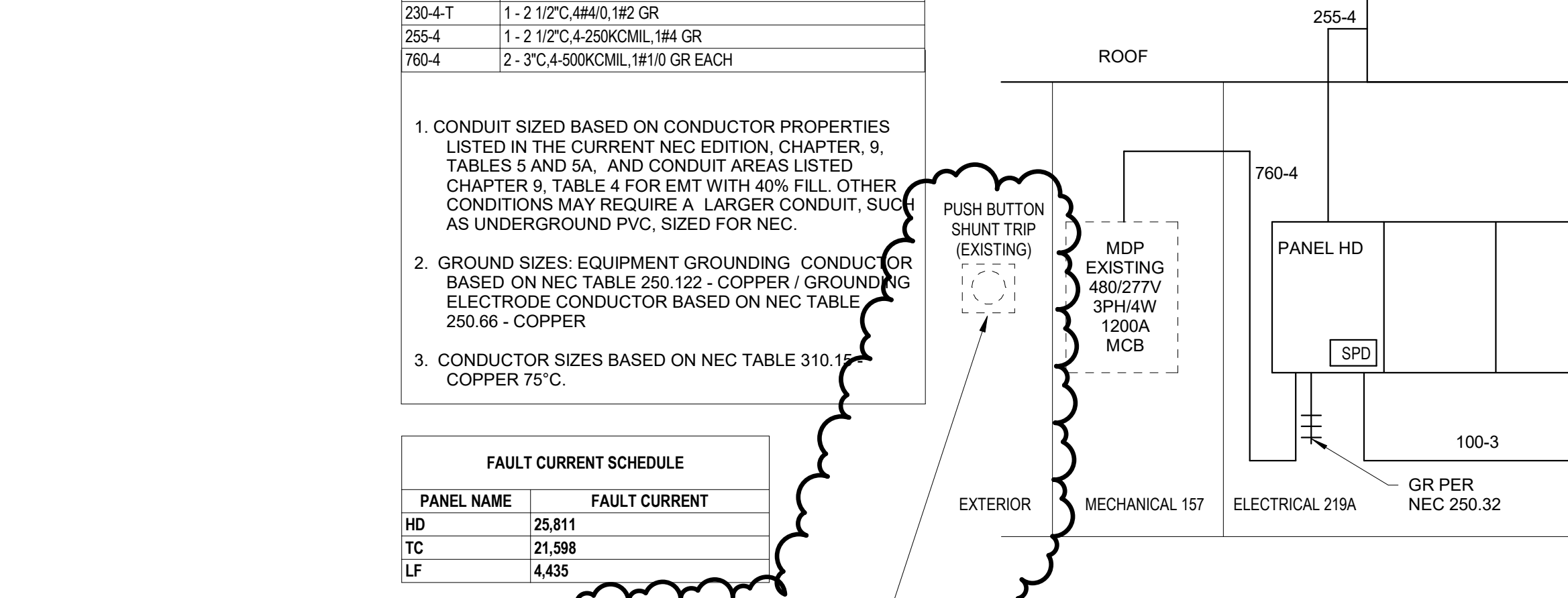
Branch Panel: MDP
Location: MECHANICAL 157
Supply From: MECHANICAL 157
Mounting: SURFACE
Enclosure: NEMA 1
Notes:
Table with columns: CKT, Circuit Description, Trip, Poles, Wire, A, B, C, Wire, Poles, Trip, Circuit Description, CKT

Branch Panel: MDP (continued)
Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals

Branch Panel: HD
Location: MDP
Supply From: MDP
Mounting: SURFACE
Enclosure: NEMA 1
Notes:
Table with columns: CKT, Circuit Description, Trip, Poles, Wire, A, B, C, Wire, Poles, Trip, Circuit Description, CKT

Branch Panel: HD (continued)
Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals

Branch Panel: HD (continued)
Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals



PANELBOARD NOTES (#)

- 1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD...
3. INSTALL LOCKING DEVICE FURNISHED WITH PANELBOARD...
4. GFI BREAKER FOR PERSONNEL PROTECTION (5mA).

EQUIPMENT GROUNDING CONDUCTOR SIZING CHART

Table with columns: BRKR AMP, WIRE SIZE, PHASE GROUND, NEUTRAL, BONDING

CIRCUIT DESCRIPTIONS SHOWN AS 'EXISTING' OR IN LOWER CASE LETTERS INDICATE AN EXISTING CIRCUIT BREAKER TO REMAIN AND IS BASED ON ORIGINAL BUILDING PLANS, PANEL SCHEDULES AND BREAKER ARRANGEMENTS AT THE TIME OF THE SITE VISIT.

EQUIPMENT LABELS

ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A LABEL APPLIED TO WARN OF POTENTIAL ARC FLASH HAZARDS.



WARNING
ARC FLASH AND SHOCK HAZARD. APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIRED.

NOTES:
A. ALL SWITCHBOARDS AND PANELBOARDS SHALL HAVE A COMMERCIALY PRODUCED PERMANENT LABEL APPLIED, SIMILAR TO THE ABOVE, TO WARN OF POTENTIAL ARC FLASH HAZARDS, IN ACCORDANCE WITH NEC 110.16 AND NFPA 70E.

B. LABELING MAY BE COMPLETED BY EQUIPMENT MANUFACTURER, EQUIPMENT VENDORS/SUPPLIER, OR THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THAT ALL SWITCHBOARDS AND PANELBOARDS ARE PROPERLY LABELED IN THE FIELD.