



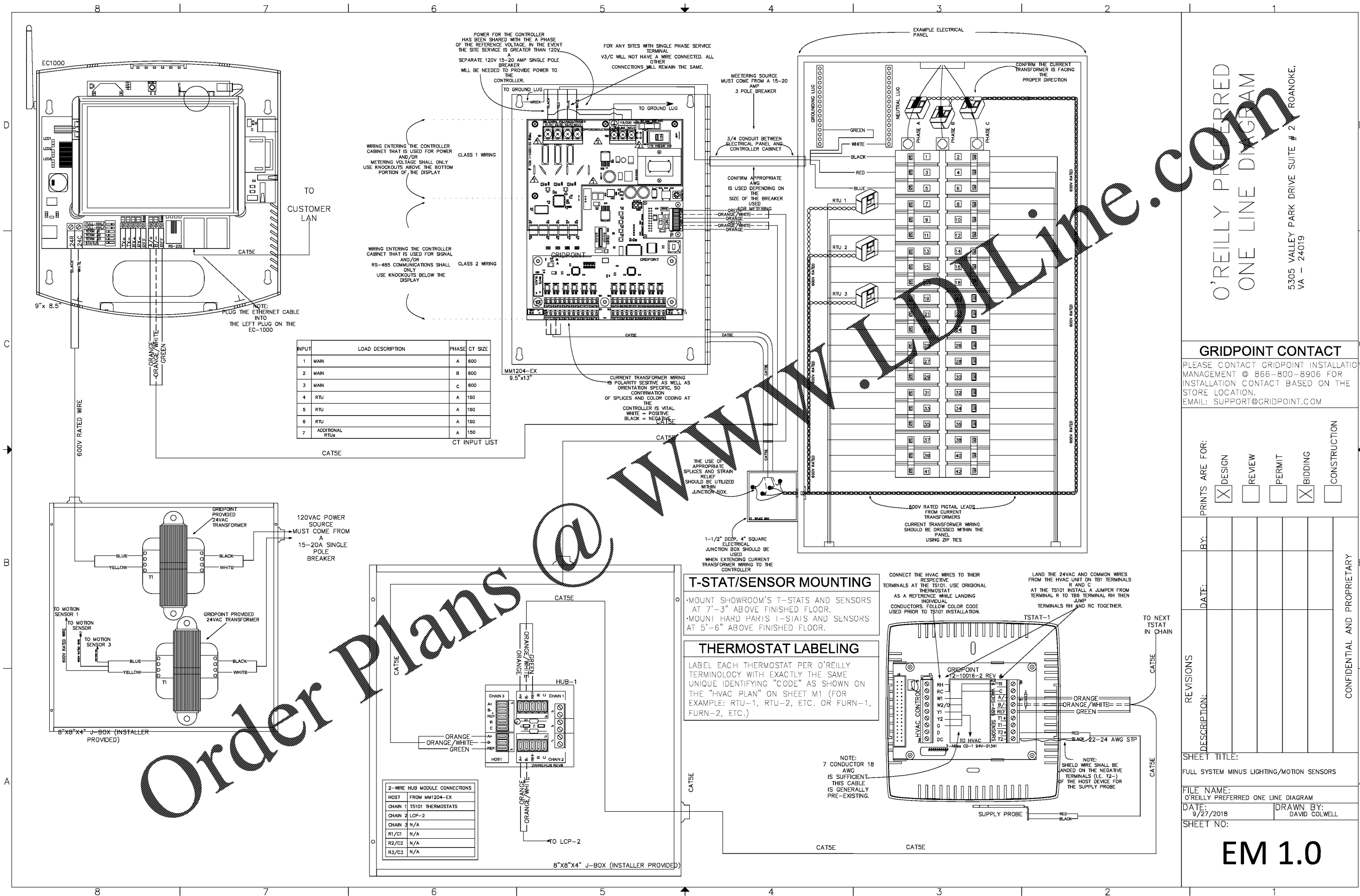
ENGINEER OF RECORD  
**ABEY L. THURMAN**  
ENGINEER LICENSE NUMBER  
**38151-E**  
SHEETS BEARING THIS SEAL ARE AUTHENTICATED. RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS OR INSTRUMENTS ARE DISCLAIMED.

**PROJECT:**  
NEW O'REILLY AUTO PARTS STORE  
11178 COUNTY LINE ROAD  
MADISON, AL 35758

**O'Reilly AUTO PARTS**  
CORPORATE OFFICES  
235 SOUTH PATTERSON  
SPRINGFIELD, MISSOURI 65802  
(417) 882-6874 TELEPHONE

DRAWN BY: **CEV** CHECKED BY: **AT/BC**  
DATE: **05/10/2019**  
REVISION:  
PROJECT NUMBER:  
**19098-MS3**  
SHEET NUMBER  
**EM1.0**

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INPUT	LOAD DESCRIPTION	PHASE	CT SIZE
1	MAIN	A	600
2	MAIN	B	600
3	MAIN	C	600
4	RTU	A	150
5	RTU	A	150
6	RTU	A	150
7	ADDITIONAL RTUs	A	150

CT INPUT LIST

2-WIRE HUB MODULE CONNECTIONS	
HOST	FROM MM1204-EX
CHAN 1	TS101 THERMOSTATS
CHAN 2	LCP-2
CHAN 3	N/A
R1/CT	N/A
R2/C2	N/A
R3/C3	N/A

O'REILLY PREFERRED  
ONE LINE DIAGRAM  
5305 VALLEY PARK DRIVE SUITE # 2 ROANOKE, VA - 24019

**GRIDPOINT CONTACT**

PLEASE CONTACT GRIDPOINT INSTALLATION MANAGEMENT @ 866-800-8906 FOR INSTALLATION CONTACT BASED ON THE STORE LOCATION.  
EMAIL: SUPPORT@GRIDPOINT.COM

PRINTS ARE FOR:

<input checked="" type="checkbox"/>	DESIGN
<input type="checkbox"/>	REVIEW
<input type="checkbox"/>	PERMIT
<input checked="" type="checkbox"/>	BIDDING
<input type="checkbox"/>	CONSTRUCTION

REVISIONS	DESCRIPTION	DATE	BY

SHEET TITLE:  
FULL SYSTEM MINUS LIGHTING/MOTION SENSORS  
FILE NAME:  
O'REILLY PREFERRED ONE LINE DIAGRAM  
DATE: 9/27/2018 DRAWN BY: DAVID COLWELL  
SHEET NO:

**EM 1.0**

Order Plans @ [www.dolline.com](http://www.dolline.com)

WWW.DOLLINE.COM

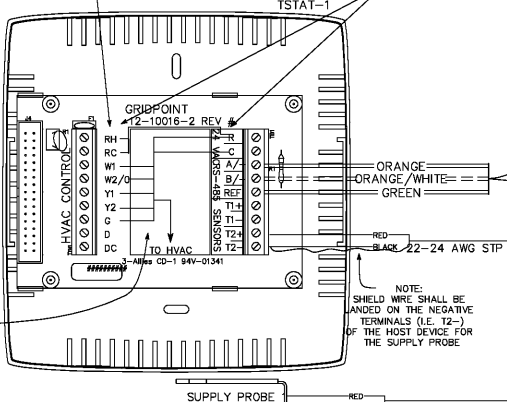
**T-STAT/SENSOR MOUNTING**

- MOUNT SHOWROOM'S T-STATS AND SENSORS AT 7'-3" ABOVE FINISHED FLOOR.
- MOUNT HARD PARSIS I-SIAs AND SENSORS AT 5'-6" ABOVE FINISHED FLOOR.

**THERMOSTAT LABELING**

LABEL EACH THERMOSTAT PER O'REILLY TERMINOLOGY WITH EXACTLY THE SAME UNIQUE IDENTIFYING "CODE" AS SHOWN ON THE "HVAC PLAN" ON SHEET M1 (FOR EXAMPLE: RTU-1, RTU-2, ETC. OR FURN-1, FURN-2, ETC.)

CONNECT THE HVAC WIRES TO THEIR RESPECTIVE TERMINALS AT THE TS101. USE ORIGINAL THERMOSTAT AS A REFERENCE WHILE LANDING INDIVIDUAL CONDUCTORS. FOLLOW COLOR CODE USED PRIOR TO TS101 INSTALLATION.



NOTE: 7 CONDUCTOR 18 AWG IS SUFFICIENT. THIS CABLE IS GENERALLY PRE-EXISTING.

LAND THE 24VAC AND COMMON WIRES FROM THE HVAC UNIT ON T81 TERMINALS R AND C AT THE TS101. INSTALL A JUMPER FROM TERMINAL R TO T89 TERMINAL RH THEN TERMINALS RH AND RC TOGETHER.

NOTE: SHIELD WIRE SHALL BE LANDED ON THE NEGATIVE TERMINALS (E.G. T2-) OF THE HOST DEVICE FOR THE SUPPLY PROBE.