



581 Ottawa Ave.
Holland MI 49423
(616) 494-0771
Tommycarwash.com

Customer:
Tommy Express

Drawing Name:
GCS1-TX110-480-RB
GCS2-TX110-480-RB

Completed By: JS

DISCLAIMER:
ALTHOUGH BUILDING CODES HAVE BEEN CONSIDERED IN DEVELOPING THIS DRAWING, VERIFICATION OF SITE SPECIFIC CONDITIONS AND COMPLIANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES IS THE EXCLUSIVE RESPONSIBILITY OF THE CUSTOMER AND/OR ARCHITECT AND ENGINEER.

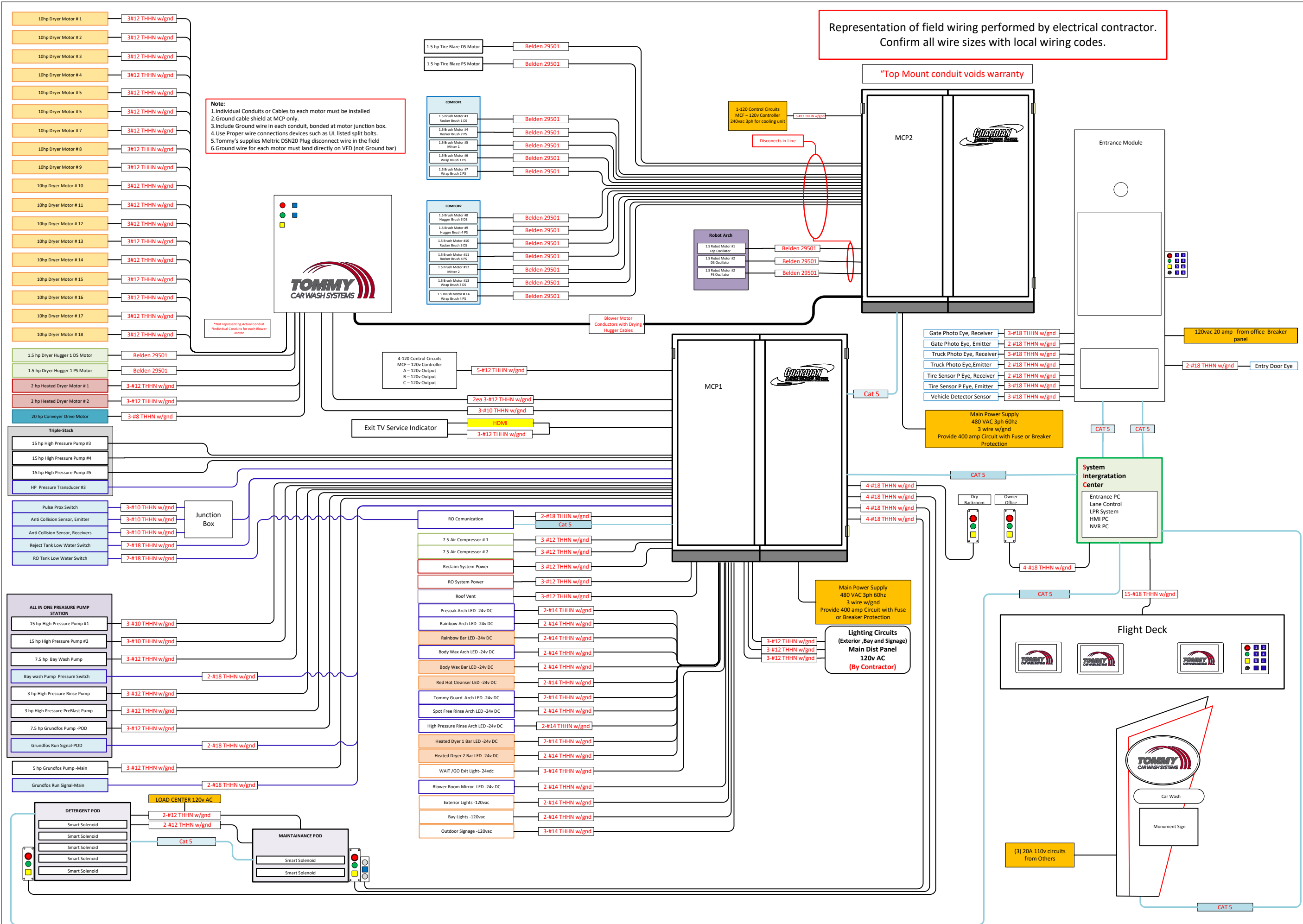
CONFIDENTIAL WARNING:
THIS SHEET CONTAINS AND CONSTITUTES CONFIDENTIAL INFORMATION, IMAGES AND TRADE SECRETS OF TOMMY'S CAR WASH SYSTEMS. ANY UNAUTHORIZED USE OR DISCLOSURE OF ANY OR PORTION THERE OF IS STRICTLY PROHIBITED. THIS WORK IS THE EXCLUSIVE PROPERTY OF TOMMY'S CAR WASH SYSTEMS. ALL RIGHTS RESERVED.

NOTES
Not for construction until approved

Approved by: _____
Date: / /
10/15/2020
Rev 1.1

Representation of field wiring performed by electrical contractor.
Confirm all wire sizes with local wiring codes.

"Top Mount conduit voids warranty"



Note:
1. Individual Conduits or Cables to each motor must be installed
2. Ground cable shield at MCP only.
3. Include Ground wire in each conduit, bonded at motor junction box.
4. Use Proper wire connections devices such as UL listed split bolts.
5. Tommy's supplies Meltric DSN20 Plug disconnect wire in the field
6. Ground wire for each motor must land directly on VFD (not Ground bar)

*Not representing Actual Conduit
Individual Conduits for each Blower Motor

Main Power Supply
480 VAC 3ph 60hz
3 wire w/gnd
Provide 400 amp Circuit with Fuse or Breaker Protection

Lighting Circuits
(Exterior, Bay and Signage)
Main Dist Panel
120v AC
(By Contractor)

Gate Photo Eye, Receiver 3-#18 THHN w/gnd
Gate Photo Eye, Emitter 2-#18 THHN w/gnd
Truck Photo Eye, Receiver 3-#18 THHN w/gnd
Truck Photo Eye, Emitter 2-#18 THHN w/gnd
Tire Sensor P Eye, Receiver 2-#18 THHN w/gnd
Tire Sensor P Eye, Emitter 3-#18 THHN w/gnd
Vehicle Detector Sensor 3-#18 THHN w/gnd

120vac 20 amp from office Breaker panel
2-#18 THHN w/gnd Entry Door Eye

Main Power Supply
480 VAC 3ph 60hz
3 wire w/gnd
Provide 400 amp Circuit with Fuse or Breaker Protection

System Intergration Center
Entrance PC
Lane Control
LPR System
HMI PC
NVR PC

Flight Deck

(3) 20A 110v circuits from Others