

| 208V Electrical Schedule | | | | | | | | | | | | |
|--------------------------|-----------|--------------|-------------------------------|--------------------------|--|------|---------|-------|--------------------------------|-------------|---------------|-------|
| CONDUIT | ELEVATION | CONDUIT SIZE | FROM | TO | DESCRIPTION | VOLT | CURRENT | PHASE | WIRE | SUPPLIED BY | TERMINATED BY | NOTES |
| A1 | ABOVE | 3" | MAIN POWER DISTRIBUTION PANEL | MSP #1 | POWER SUPPLY TO MSP #1. 208V/3PH/300AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 208V | 300A | 3PH | 3-#300MCM BLK, 1-#2 AVG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| A2 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | MSP #2 | POWER SUPPLY TO MSP #2. 208V/3PH/250AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 208V | 200A | 3PH | 3-#3/0 AWG BLK, 1-#2 AVG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| A3 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | MSP #3 | POWER SUPPLY TO MSP #3. 208V/3PH/250AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 208V | 200A | 3PH | 3-#3/0 AWG BLK, 1-#2 AVG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| A4 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | RECLAIM PUMPING STATION | POWER SUPPLY TO RECLAIM PUMPING STATION. 208V/3PH/3PH. CIRCUIT BREAKER IN ELECTRICAL DISTRIBUTION PANEL. | 208V | 20A | 3PH | 3-#10AWG BLK, 1-#10AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| A5 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | AIR COMPRESSOR | POWER SUPPLY TO AIR COMPRESSOR. 208V/10HP/3PH. CIRCUIT BREAKER IN ELECTRICAL DISTRIBUTION PANEL. | 208V | 40A | 3PH | 3-#10AWG BLK, 1-#10AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| A6 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | HYDRA-FLEX MOTOR CONTROL | POWER SUPPLY TO PUMP MOTOR CONTROL. 208V/3HP/3PH. CIRCUIT BREAKER IN ELECTRICAL DISTRIBUTION PANEL. | 208V | 15A | 3PH | 3-#12AWG BLK, 1-#12AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |

| 120V/208V 1PH Electrical Schedule | | | | | | | | | | | | |
|-----------------------------------|-----------|--------------|-------------------------------|--------------------------|--|------|---------|-------|--|-------------|---------------|---|
| CONDUIT | ELEVATION | CONDUIT SIZE | FROM | TO | DESCRIPTION | VOLT | CURRENT | PHASE | WIRE | SUPPLIED BY | TERMINATED BY | NOTES |
| B1 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | ICS CARWASH CONTROLLER | POWER SUPPLY TO CENTRA CARWASH CONTROLLER. SUPPLY BREAKER IN PDP CAPABLE OF 20 AMPS AT 220V 1 PH. | 220V | 20A | 1PH | 2-#12AWG RED, 1-#12AWG WHITE, 1-#12AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B2 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | RECLAIM PUMPING STATION | POWER SUPPLY TO RECLAIM PUMPING STATION. 120V/1PH/20AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 208V | 15A | 1PH | 1-#14AWG RED, 1-#14AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B3 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | SPOT FREE WATER SYSTEM | POWER SUPPLY TO SPOT FREE WATER SYSTEM. 220V/1PH/20AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 220V | 20A | 1PH | 4-#12AWG BLACK, 1-#12AWG GREEN | ELECTRICIAN | ELECTRICIAN | TERMINATE IN JUNCTION BOX W/L-20 TWIST LOCK CONNECTOR |
| B4 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | MAT WASHER | POWER SUPPLY TO MAT WASHER. 220V/1PH/40AMPS. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 220V | 20A | 1PH | 2-#12AWG BLACK, 1-#12AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B5 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | POINT OF SALE COMPUTER | POWER SUPPLY TO CUSTOMER POINT OF SALE COMPUTER LOCATED IN THE MANAGERS OFFICE. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 120V | 15A | 1PH | 1-#14AWG RED, 1-#14AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B6 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | CUSTOMER ENTRY DEVICE #1 | POWER SUPPLY TO CUSTOMER POINT OF SALE LOCATED AT THE ENTRANCE OF THE WASH. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 120V | 15A | 1PH | 1-#14AWG RED, 1-#14AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B7 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | GATED ENTRY DEVICE #1 | POWER SUPPLY TO GATE CONTROLLER LOCATED NEAR THE CUSTOMER POINT OF SALE. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 120V | 20A | 1PH | 1-#12AWG RED, 1-#12AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B8 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | CUSTOMER ENTRY DEVICE #2 | POWER SUPPLY TO CUSTOMER POINT OF SALE LOCATED AT THE ENTRANCE OF THE WASH. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 120V | 15A | 1PH | 1-#14AWG RED, 1-#14AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| B9 | UNDER | 2" | MAIN POWER DISTRIBUTION PANEL | GATED ENTRY DEVICE #2 | POWER SUPPLY TO GATE CONTROLLER LOCATED NEAR THE CUSTOMER POINT OF SALE. CIRCUIT BREAKER IN POWER DISTRIBUTION PANEL. | 120V | 20A | 1PH | 1-#12AWG RED, 1-#12AWG WHITE, 1-#14AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |

| 208V Motor Starter Panel Electrical Schedule | | | | | | | | | | | | |
|--|-----------|--------------|--------|---------------------------|---|------|----------|-------|---------------------------------|-------------|---------------|---|
| CONDUIT | ELEVATION | CONDUIT SIZE | FROM | TO | DESCRIPTION | VOLT | CURRENT | PHASE | WIRE | SUPPLIED BY | TERMINATED BY | NOTES |
| C1 | UNDER | 2" | MSP #1 | 10HP HYDRAULIC POWER PACK | POWER SUPPLY TO 10HP HYDRAULIC POWER PACK. SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8A | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C2 | ABOVE | 2" | MSP #1 | TOP WHEEL | POWER SUPPLY TO TOPWHEEL #1 MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C3 | ABOVE | 2" | MSP #1 | QUICKFIRE | POWER SUPPLY TO 1HP QUICKFIRE MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C4 | ABOVE | 2" | MSP #1 | QUICKFIRE | POWER SUPPLY TO 1HP QUICKFIRE MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C5 | UNDER | 2" | MSP #1 | LSV | POWER SUPPLY TO 1HP LOW SIDE WASHER MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C6 | UNDER | 2" | MSP #1 | LSV | POWER SUPPLY TO 1HP LOW SIDE WASHER MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C7 | ABOVE | 2" | MSP #1 | TOP WHEEL | POWER SUPPLY TO TOPWHEEL #2 MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C8 | ABOVE | 2" | MSP #1 | QUICKFIRE | POWER SUPPLY TO 1HP QUICKFIRE MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C9 | ABOVE | 2" | MSP #1 | QUICKFIRE | POWER SUPPLY TO 1HP QUICKFIRE MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C10 | ABOVE | 2" | MSP #1 | FULL SIDE WASHER | POWER SUPPLY TO 1HP FULL SIDE WASHER MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C11 | ABOVE | 2" | MSP #1 | FULL SIDE WASHER | POWER SUPPLY TO 1HP FULL SIDE WASHER MOTOR FROM SYS MCC PANEL. | 208V | 4.6A | 3PH | 3-#14AWG BLACK, 1-#14AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C12 | UNDER | 1 1/2" | MSP #1 | SUPPLY BREAKER | POWER SUPPLY TO SUPPLY BREAKER IN PDP CAPABLE OF 74.8 AMPS AT 208V 3 PH. | 208V | 74.8A | 3PH | 3-#2AWG BLACK, 1-#8AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C13 | UNDER | 2" | MSP #1 | PREP JET PUMPING STATION | POWER SUPPLY TO PREP JET PUMPING STATION. SUPPLY BREAKER IN PDP CAPABLE OF 24.2 AMPS AT 208V 3 PH. | 208V | 24.2 | 3PH | 3-#10AWG BLK, 1-#10AWG GREEN | ELECTRICIAN | ELECTRICIAN | NONE |
| C14 | ABOVE | 2" | MSP #1 | AIRBLAST DRYER MOTORS | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | (2) 30.8 | 3PH | 6-#10AWG BLACK, 2-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | POWER FOR BOTH MOTORS. PROVIDE DISTRIBUTION BOX IN CEILING. |
| C15 | ABOVE | 2" | MSP #2 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C16 | ABOVE | 2" | MSP #2 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C17 | ABOVE | 2" | MSP #2 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C18 | ABOVE | 2" | MSP #2 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C19 | ABOVE | 2" | MSP #2 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C20 | ABOVE | 2" | MSP #3 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C21 | ABOVE | 2" | MSP #3 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C22 | ABOVE | 2" | MSP #3 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |
| C23 | ABOVE | 2" | MSP #3 | DRYER MOTOR | POWER SUPPLY TO 10HP DRYER . SUPPLY BREAKER IN PDP CAPABLE OF 30.8 AMPS AT 208V 3 PH. | 208V | 30.8 | 3PH | 3-#10AWG BLACK, 1-#10AWG GREEN, | ELECTRICIAN | ELECTRICIAN | NONE |

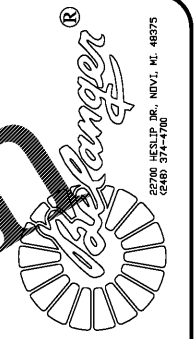
Order Plans @

ELECTRICAL NOTES:

- ELECTRICAL SERVICE BY OTHERS, FOLLOWING ALL LOCAL AND NATIONAL CODES.
- BELANGER, INC. RECOMMENDS THAT ALL ELECTRICAL CONDUITS BE RUN OUT THE BOTTOM OF JUNCTION BOXES AND/OR PANELS WHEREVER POSSIBLE.
- WATER PROOF ELECTRICAL FITTINGS REQUIRED TO ALL ELECTRICAL CONNECTIONS.
- ALL ELECTRICAL CONNECTIONS TO BE COMPLETED BY AND MATERIALS PROVIDED BY ELECTRICAL CONTRACTOR.
- FOR ELECTRICAL SCHEDULE, LINE SIZE AND REQUIREMENTS, REFER TO SHEET E1

BELANGER, INC. STANDARD NOTE TO CONTRACTORS: THIS SET OF DRAWINGS AND DOCUMENTS IS INTENDED AS A SET OF GUIDELINES FOR THE PROJECT. THEY MUST BE READ TO INCORPORATE ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING FEDERAL A.D.A. REQUIREMENTS. THIS SET ASSUMES THAT THERE ARE NO UNUSUAL SOIL CONDITIONS. THE FAILURE OF THIS CONDITION MAY REQUIRE SIGNIFICANT CHANGES TO THESE DOCUMENTS. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CONFORM TO ALL APPLICABLE CODES AND TO INFORM THE OWNERS/ARCHITECTS OF ANY QUESTIONS OR CLARIFICATIONS WHICH ARE DESIRED. CONTRACTORS ARE ASSUMED TO KNOW ALL OBSERVANCE CONDITIONS.

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SAMS EXPRESS - INDIAN TRAIL
BELANGER CARWASH SYSTEM
ELECTRICAL SCHEDULE

DRAWN: DATE: 4/18/17
S. MCBRIDE
CHECKED: DATE: 4/18/17
S. MCBRIDE
APPROVED: DATE:

PAPER: 22"x34"
SCALE: N/A

| REV | DATE | ENGR | APPR | DESCRIPTION |
|-------|---------|------------|-------|-------------|
| REV 2 | 5/22/17 | S. MCBRIDE | ADDED | FSW |

PROJECT #:
INDIAN TRAIL

SHEET #:
E1

22700 HESLIP DR., NDY, MI. 48375
6246 374-7701