

| Hydraulic Feeds Plumbing Schedule | | | | | | | | | | | | |
|-----------------------------------|-------------------|------|------------------------------|------------------------------|--------------------------------------|----------|------|-------------|----------------|--------------------|--------------------|---|
| HOSE | ELEVATION | SIZE | FROM | TO | DESCRIPTION | PRESSURE | FLOW | SOURCE TYPE | MATERIAL | SUPPLIED BY | TERMINATED BY | NOTES |
| H1 | UNDER FLOOR CHASE | 1/2" | 10HP HYDRAULIC POWER PACK | CONVEYDR MOTOR FEED | HYDRAULIC FEED TO CONVEYDR. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | HYDRAULIC LINES ROUTED TO CHASE PIPE TO EXIT END OF CARWASH CONVEYDR. |
| H2 | UNDER FLOOR CHASE | 1/2" | CONVEYDR MOTOR | 10HP HYDRAULIC POWER PACK | HYDRAULIC RETURN TO POWER PACK. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | HYDRAULIC LINES ROUTED TO CHASE PIPE TO EXIT END OF CARWASH CONVEYDR. |
| H3 | UNDER FLOOR CHASE | 1/2" | 10HP HYDRAULIC POWER PACK | D/S DURA SCRUBBER MOTOR FEED | HYDRAULIC FEED TO P/S DURA SCRUBBER. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | NONE |
| H4 | UNDER FLOOR CHASE | 1/2" | D/S DURA SCRUBBER MOTOR FEED | 10HP HYDRAULIC POWER PACK | HYDRAULIC RETURN TO POWER PACK. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | NONE |
| H5 | UNDER FLOOR CHASE | 1/2" | 10HP HYDRAULIC POWER PACK | P/S DURA SCRUBBER MOTOR FEED | HYDRAULIC FEED TO D/S DURA SCRUBBER. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | NONE |
| H6 | UNDER FLOOR CHASE | 1/2" | P/S DURA SCRUBBER MOTOR FEED | 10HP HYDRAULIC POWER PACK | HYDRAULIC RETURN TO POWER PACK. | - | - | OIL | HYDRAULIC HOSE | CAR WASH INSTALLER | CAR WASH INSTALLER | NONE |

| UNDERFLOOR HIGH PRESSURE PIPING Schedule | | | | | | | | | | | | |
|--|-------------|------|---------------------------|---------------------------|--|----------|-------|-------------|------------------------|-------------|---------------|---|
| PIPE | ELEVATION | SIZE | FROM | TO | DESCRIPTION | PRESSURE | FLOW | SOURCE TYPE | MATERIAL | SUPPLIED BY | TERMINATED BY | NOTES |
| S1 | UNDER FLOOR | 1/2" | 10HP HYDRAULIC POWER PACK | CONVEYDR DRIVE MOTOR | HYDRAULIC FEED TO CONVEYDR. | 1,500PSI | 8GPM | OIL | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S2 | UNDER FLOOR | 1/2" | 10HP HYDRAULIC POWER PACK | CONVEYDR DRIVE MOTOR | HYDRAULIC RETURN TO POWER PACK. | 1,500PSI | 8GPM | OIL | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S3 | UNDER FLOOR | 1/2" | 10HP HYDRAULIC POWER PACK | P/S DURA-SCRUBBER | HYDRAULIC FEED TO P/S DURA SCRUBBER. | 1,500PSI | 8GPM | OIL | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S4 | UNDER FLOOR | 1/2" | P/S DURA-SCRUBBER | D/S DURA-SCRUBBER | HYDRAULIC CROSS OVER TO D/S DURA SCRUBBER | 1,500PSI | 8GPM | OIL | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S5 | UNDER FLOOR | 1/2" | D/S DURA-SCRUBBER | 10HP HYDRAULIC POWER PACK | D/S DURA SCRUBBER TO HYDRAULIC POWER UNIT | 1,500PSI | 8GPM | OIL | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S6 | UNDER FLOOR | 3/4" | SUPER JET PUMP STATION | P/S DURA-BLASTER | HIGH PRESSURE WATER SUPPLY TO DURA BLASTER | 1,500PSI | 18GPM | WATER | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S7 | UNDER FLOOR | 3/4" | SUPER JET PUMP STATION | D/S DURA-BLASTER | HIGH PRESSURE WATER SUPPLY TO DURA BLASTER | 1,500PSI | 18GPM | WATER | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S8 | UNDER FLOOR | 1/2" | PREP JET PUMP STATION | P/S PREP GUN | HIGH PRESSURE WATER SUPPLY TO PREP GUN | 2,000PSI | 4GPM | WATER | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |
| S9 | UNDER FLOOR | 1/2" | PREP JET PUMP STATION | D/S PREP GUNS | HIGH PRESSURE WATER SUPPLY TO PREP GUNS | 2,000PSI | 4GPM | WATER | STAINLESS STEEL TUBING | PLUMBER | PLUMBER | TUBING TO BE SEAMLESS AND RATED FOR TWO TIMES WORKING PRESSURE. WELD ALL UNDER FLOOR JOINTS. PRESSURE TEST FOR 24HRS@125PSI |

| Pneumatic Feeds Plumbing Schedule | | | | | | | | | | | | |
|-----------------------------------|-----------|------|-------------------------|--------------------------------------|--|----------|--------|-------------|---------------|-------------|---------------|--|
| PIPE | ELEVATION | SIZE | FROM | TO | DESCRIPTION | PRESSURE | FLOW | SOURCE TYPE | MATERIAL | SUPPLIED BY | TERMINATED BY | NOTES |
| N1 | ABOVE | 1" | AIR COMPRESSOR | AIR SUPPLY HEADER | AIR SUPPLY TO PNEUMATIC HEADER. | 100PSI | 25SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N2 | ABOVE | 3/4" | AIR SUPPLY HEADER | AIR PANEL FEEDS | MAIN AIR PANEL FEEDS. | 100PSI | 20SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N4 | ABOVE | 1/2" | CONVEYDR AIR PANEL DROP | CONVEYDR AIR PANEL DROP | AIR DROP TO CONVEYDR AIR PANEL. | 100PSI | 10SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N5 | ABOVE | 1/2" | AIR SUPPLY HEADER | HYDRA-FLEX #1 CHEMICAL DELIVERY DROP | AIR DROP FOR HYDRA-FLEX CHEMICAL DELIVERY SYSTEM | 65PSI | 5SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N6 | ABOVE | 1/2" | AIR SUPPLY HEADER | HYDRA-FLEX #2 CHEMICAL DELIVERY DROP | AIR DROP FOR HYDRA-FLEX CHEMICAL DELIVERY SYSTEM | 65PSI | 15SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N7 | ABOVE | 1/2" | AIR SUPPLY HEADER | TOPWHEEL AIR PANEL DROP | AIR DROP TO TOPWHEEL AIR PANEL. | 65PSI | 5SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N8 | ABOVE | 1/2" | AIR SUPPLY HEADER | TOPWHEEL AIR PANEL DROP | AIR DROP TO TOPWHEEL AIR PANEL. | 65PSI | 5SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N9 | ABOVE | 1/2" | AIR SUPPLY HEADER | QUICKFIRE AIR PANEL DROP | AIR DROP TO QUICKFIRE AIR PANEL. | 100PSI | 10SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N10 | ABOVE | 1/2" | AIR SUPPLY HEADER | DURA SCRUBBER AIR PANEL DROP | AIR DROP TO DURA SCRUBBER AIR PANEL. | 100PSI | 10SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N11 | ABOVE | 1/2" | AIR SUPPLY HEADER | QUICKFIRE AIR PANEL DROP | AIR DROP TO QUICKFIRE AIR PANEL. | 100PSI | 10SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N12 | ABOVE | 1/2" | AIR SUPPLY HEADER | DURA BLASTER AIR PANEL DROP | AIR DROP TO PIVOTING WHEEL STINGER AIR PANEL. | 100PSI | 10SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |
| N13 | ABOVE | 1/2" | AIR SUPPLY HEADER | TIRE SHINER CHEMICAL MIXSTIR DROP | AIR DROP FOR TIRE SHINER. | 65PSI | 5SCFM | AIR | TYPE M COPPER | PLUMBER | PLUMBER | TERMINATE WITH BALL VALVE AND 1/2" FEMALE PIPE THREAD FITTING 84" A.F.F. |

Order Plans



SAMS EXPRESS - WINSTON SALEM, NC

BELANGER CARWASH SYSTEM

PLUMBING SCHEDULE

DRAWN: S. MCBRIDE
 CHECKED: S. MCBRIDE
 DATE: 5/19/17
 APPROVED: S. MCBRIDE
 DATE: 5/19/17

SCALE: N/A
 PAPER: 22"X34"

| REV | DATE | ENGR | APPR | DESCRIPTION |
|-----|--------|------|------|----------------------------|
| 3 | 6/1/17 | | | ADDED HIGH PRESSURE PIPING |

PROJECT #:
WINSTON SALEM

SHEET #:
P3

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