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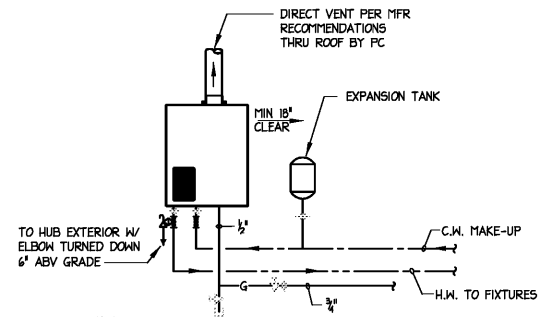
UNDER FLOOR PLUMBING SCHEDULE												
PIPE	ELEVATION	PIPE SIZE	FROM	TO	DESCRIPTION	PRESSURE	FLOW	SOURCE TYPE	MATERIAL	SUPPLIED BY	TERMINATED BY	NOTES
U1	UNDER	8"	WASHBAY TRENCH	RECLAIM TANK	DRAIN LINE TO RECLAIM TANKS.	-	-	RECLAIM	SCH. 40 PVC	PLUMBER	PLUMBER	NONE
U2	UNDER	4"	CORROLATER	WASHBAY TRENCH	DRAINLINE FROM CORROLATER TO WASHBAY TRENCH.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	NONE
U4	UNDER	3"	EQUIPMENT ROOM	ENTRANCE WASHBAY TRENCH	CHASE PIPE FROM EQUIPMENT ROOM TO ENTRANCE END OF TRENCH. LIMIT ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U5	UNDER	3"	EQUIPMENT ROOM	EXIT WASHBAY TRENCH	CHASE PIPE FROM EQUIPMENT ROOM TO ENTRANCE END OF TRENCH. LIMIT ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U6	UNDER	3"	EQUIPMENT ROOM	WASHBAY TRENCH	CHASE PIPE FROM EQUIPMENT ROOM TO UNDER CARRIAGE WASH BAR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U7	UNDER	3"	EQUIPMENT ROOM	PASSANGER SIDE TIRE SHINER	CHASE PIPE FROM EQUIPMENT ROOM TO PASSANGER SIDE DURASHINER. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U8	UNDER	3"	EQUIPMENT ROOM	DRIVER SIDE TIRE SHINER	CHASE PIPE FROM EQUIPMENT ROOM TO DRIVER SIDE DURASHINER. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U9	UNDER	3"	EQUIPMENT ROOM	PASSANGER SIDE PREP AREA	CHASE PIPE FROM EQUIPMENT ROOM TO PASSANGER SIDE PREPING AREA. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U10	UNDER	3"	EQUIPMENT ROOM	DRIVER SIDE PREP AREA	CHASE PIPE FROM EQUIPMENT ROOM TO DRIVER SIDE PREPING AREA. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U11	UNDER	3"	RECLAIM WATER STORAGE TANKS.	RECLAIM PUMPING UNIT	RECLAIM WATER SUCTION LINE FROM STORAGE TANK TO RECLAIM PUMPING UNIT.	VACUUM	120GPM	RECLAIM	SCH. 80 PVC	PLUMBER	PLUMBER	NONE
U12	UNDER	3"	RECLAIM WATER STORAGE TANKS.	RECLAIM PUMPING UNIT	RECLAIM WATER SUCTION LINE FROM STORAGE TANK TO RECLAIM PUMPING UNIT.	VACUUM	120GPM	RECLAIM	SCH. 80 PVC	PLUMBER	PLUMBER	SPARE
U13	UNDER	1"	RECLAIM PUMPING UNIT	RECLAIM WATER STORAGE TANKS.	AIR SPARGER LINE TO UNDERGROUND STORAGE TANK.	OZONE	-	-	SCH. 80 PVC	PLUMBER	PLUMBER	NONE
U14	UNDER	2"	RECLAIM PUMPING UNIT	RECLAIM WATER STORAGE TANKS.	RETURN LINE TO RECLAIM STORAGE TANKS. (FIRST COMPARTMENT)	-	-	RECLAIM	SCH. 80 PVC	PLUMBER	PLUMBER	NONE
U15	UNDER	3"	EQUIPMENT DRAINS	CONVEYOR TRENCH	EQUIPMENT DISCHARGE AND OVERFLOW DRAINS TO WASHBAY TRENCH	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	NONE
U16	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	DURA SCRUBBER	CHASE PIPE FROM EQUIPMENT ROOM TO DURASCRUBBER AREA OF TRENCH. LIMIT ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U17	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	DURA SCRUBBER	CHASE PIPE FROM EQUIPMENT ROOM TO DURASCRUBBER AREA OF TRENCH. LIMIT ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U19	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	D/S LOW SIDE WHEEL CHASE PIPE	CHASE PIPE FROM EQUIPMENT ROOM TO UNDER CARRIAGE WASH BAR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U20	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	P/S LOW SIDE WHEEL CHASE PIPE	CHASE PIPE FROM EQUIPMENT ROOM TO UNDER CARRIAGE WASH BAR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U21	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	D/S CHEMICAL TIRE APPLC.	CHASE PIPE FROM EQUIPMENT ROOM TO FLOOR MOUNTED TIRE APPLICATOR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U22	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	P/S CHEMICAL TIRE APPLC.	CHASE PIPE FROM EQUIPMENT ROOM TO FLOOR MOUNTED TIRE APPLICATOR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.
U23	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	D/S CHEMICAL TIRE APPLC.	CHASE PIPE FROM EQUIPMENT ROOM TO FLOOR MOUNTED TIRE APPLICATOR. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.

UNDER FLOOR PLUMBING SCHEDULE												
PIPE	ELEVATION	PIPE SIZE	FROM	TO	DESCRIPTION	PRESSURE	FLOW	SOURCE TYPE	MATERIAL	SUPPLIED BY	TERMINATED BY	NOTES
U24	UNDER FLOOR CHASE	3"	EQUIPMENT ROOM	P/S DURABLASTER	CHASE PIPE FROM EQUIPMENT ROOM TO UNDER DURABLASTER. ALL CORNERS TO 45 DEGREES OR LESS.	-	-	-	SCH. 40 PVC	PLUMBER	PLUMBER	LIMIT ALL BENDS TO 45 DEGREES OR LESS.

RECLAIM WATER FEEDS PLUMBING SCHEDULE												
PIPE	ELEVATION	PIPE SIZE	FROM	TO	DESCRIPTION	PRESSURE	FLOW	SOURCE TYPE	MATERIAL	SUPPLIED BY	TERMINATED BY	NOTES
R4	ABOVE	1 1/2"	RECLAIM WATER SYSTEM	RECLAIM WATER SUPPLY HEADER	RECLAIM WATER SUPPLY HEADER.	40PSI @0PSI	40GPM	RECLAIM	SCH. 80 PVC	PLUMBER	PLUMBER	NONE
R5	ABOVE	1 1/2"	RECLAIM WATER SUPPLY HEADER	SUPER JET PUMPING STATION	RECLAIM WATER DROP TO SUPER JET PUMPING STATION	40PSI @0PSI	30GPM	RECLAIM	SCH. 80 PVC	PLUMBER	PLUMBER	TERMINATE WITH BALL VALVE AND 1" FEMALE PIPE THREAD FITTING 84" A.F.F.
R10	UNDER FLOOR CHASE	3/4"	UNDER CARRIAGE SUPPLY DROP	UNDER CARRIAGE	FINAL CONNECTION TO WASHBAY UNDERCARRIAGE MANIFOLD.	-	-	RECLAIM	RE-ENFORCED RUBBER HOSE 300PSI RATED	CAR WASH INSTALLER	CAR WASH INSTALLER	HOSE THROUGH UNDERGROUND CAR WASH PIPE.
R16	ABOVE	3/4"	SOAP SELECT SOLENOID #1	WASH MODULE #1	SOAP FEED LINE TO WASH MODULE	40PSI @0PSI	10GPM	RECLAIM	RE-ENFORCED RUBBER HOSE 300PSI RATED	CAR WASH INSTALLER	CAR WASH INSTALLER	NONE
R18	ABOVE	3/4"	SOAP SELECT SOLENOID #1	WASH MODULE #2	SOAP FEED LINE TO WASH MODULE	40PSI @0PSI	10GPM	RECLAIM	RE-ENFORCED RUBBER HOSE 300PSI RATED	CAR WASH INSTALLER	CAR WASH INSTALLER	NONE
R20	UNDER FLOOR CHASE	3/4"	DURA-SCRUBBER SELECT SOLENOUD	P/S DURASCRUBBER	RECLAIM WATER SUPPLY TO DURASCRUBBER THROUGH CHASE PIPE.	40PSI @0PSI	10GPM	RECLAIM	RE-ENFORCED RUBBER HOSE 300PSI RATED	CAR WASH INSTALLER	CAR WASH INSTALLER	NONE

PLUMBING NOTES (CARWASH AND SUPPORT EQUIPMENT)

- ALL PLUMBING MATERIALS USED IN THE INSTALLATION OF THE CARWASH AND ITS SUPPORT EQUIPMENT PER THE EQUIPMENT AND PLUMBING SCHEDULES TO BE PROVIDED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH LOCAL CODES AND OR CUSTOMERS ENGINEERING SPECIFICATION WHICH EVER ONE IS GREATER AND PROVIDES A HIGHER LEVEL OF ACCEPTABILITY.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE SURVEYING AND IDENTIFYING ALL EXISTING CONDITIONS FOR THE INTENDED INSTALLATION BEFORE BIDDING THE WORK AND BEFORE BEGINNING CONSTRUCTION. ANY DISCREPANCIES FOUND UPON DISCOVERY ARE TO BE COMMUNICATED TO BELANGER INC OR THE CONTRACTING PARTY BEFORE ANY WORK BEGINS.
- WHILE THE SIZE AND LOCATION OF NEW WORK AND EQUIPMENT IN THE BUILDING HAS BEEN INDICATED ON THE DRAWINGS AS ACCURATELY AS POSSIBLE, THE CONTRACTOR SHALL VERIFY HIS WORK AS REQUIRED TO AVOID BEAMS, JOISTS, AND OTHER OBSTRUCTIONS NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL ADAPT HIS WORK TO MEET ALL ACTUAL CONDITIONS.
- UNLESS OTHERWISE SPECIFIED ALL WATER PIPING FOR FRESH WATER DELIVERY TO WASH SUPPORT EQUIPMENT TO BE COPPER TYPE K WITH BRAZED OR SOLDED JOINTS USING WIRE ASTM B75, B88, B251, OR B447. ALL DROPS TO EQUIPMENT TO BE TERMINATED WITH AN EQUALLY SIZED BALL VALVE AND FOLLOWED BY A FEMALE PIPE THREAD FITTING SIZED EQUAL TO THE TUBING SUPPLYING IT.
- UNLESS OTHERWISE SPECIFIED ALL WATER PIPING FOR RECLAIM WATER DELIVERY TO WASH SUPPORT EQUIPMENT TO BE SCHEDULE 80 POLYVINYL CHLORIDE (PVC) COMPLYING WITH ASTM D1785, D2241, OR D2672 AND RATED FOR THE CONNECTED OPERATING PRESSURE. ALL DROPS TO EQUIPMENT TO BE TERMINATED WITH AN EQUALLY SIZED BALL VALVE AND FOLLOWED BY A FEMALE PIPE THREAD FITTING SIZED EQUAL TO THE TUBING SUPPLYING IT. RECLAIM DISTRIBUTION PIPING SHALL BEAR THE CERTIFICATION MARK SUITABLE FOR USE IN RECLAIMED OR RECYCLED WATER APPLICATIONS.
- UNLESS OTHERWISE SPECIFIED ALL SUCTION LINES FROM RECLAIM TANKS TO RECLAIM SYSTEM TO BE SCHEDULE 80 POLYVINYL CHLORIDE (PVC) COMPLYING WITH ASTM D1785, D2241, OR D2672. PLUMBING TO BE TERMINATED AT THE RECLAIM SYSTEM AND FLAP STYLE CHECK VALVE TO BE PROVIDED AND INSTALLED, IN TANK, FOR EACH OF THE SUCTION LINES.
- UNLESS OTHERWISE SPECIFIED THE COMPRESSED AIR PIPING TO WASH SUPPORT EQUIPMENT TO BE DUCTILE IRON WITH 100LB ASTM A MALLEABLE FITTINGS. ALL DROPS TO EQUIPMENT TO BE TERMINATED WITH AN EQUALLY SIZED BALL VALVE AND FOLLOWED BY A FEMALE PIPE THREAD FITTING SIZED EQUAL TO THE TUBING SUPPLYING IT. THE FINAL CONNECTION TO THE COMPRESSOR WILL BE MADE WITH A PERMANENTLY FLEXIBLE TUBE RATED FOR AT LEAST 175PSI.
- FLUSH TEST EQUIPMENT AND ALL TEST PIPING TO CONDUCT A LEAK TEST ON ALL PIPING INCLUDING RECLAIM SUCTION AND RETURN LINES. TEST IS TO INCLUDE PRESSURIZATION OF ALL LINES WITH COMPRESSED AIR TO 125PSI. PRESSURE IS TO MAINTAIN FOR NO LESS THAN 3 HOURS AND BE ACKNOWLEDGED IN WRITING WITH A SIGNATURE FROM EITHER A BELANGER INC REPRESENTATIVE OR CUSTOMER APPOINTED REPRESENTATIVE.
- SEAL ALL WALL PENETRATIONS CREATED FOR PIPE RUNS BETWEEN WASH BAY AND ANY ADJOINING ROOM.
- DISCREPANCIES BETWEEN PORTIONS OF THE CONTRACT DOCUMENTS, DRAWINGS, AND SPECIFICATIONS ARE NOT INTENDED. THE PLUMBING CONTRACTOR IS TO COORDINATE ANY SUCH DISCREPANCIES DUE TO DESIGN OR CODE WITH BELANGER INC. AND OR OWNER PRIOR TO COMMENCING WORK. CHANGES TO CONTRACT DOCUMENTS AND THE COSTS ASSOCIATED WILL ONLY BE BINDING AND PAYABLE IF PREVIOUSLY APPROVED FOR, AND ACKNOWLEDGED WITH A SIGNED LETTER OF DEVIATION BY BELANGER INC OR THE OWNER.
- PIPING SHALL BE RAN IN STRAIGHT LINES, PARALLEL AND/OR PERPENDICULAR TO THE BUILDING CONSTRUCTION. PIPING TO BE RAN AS HIGH AS POSSIBLE TO PRESERVE MINIMUM CLEARANCES AS THAT SHOULD CROSS OPEN AREAS.



1 INSTANTANEOUS WATER HEATER DETAIL
NO SCALE

NOTE TO CONTRACTOR

- THE PLUMBING CONTRACTOR SHALL COORDINATE WITH THE EQUIPMENT DRAWINGS FOR INSTALLATION OF ALL PIPING RELATING TO ALL EQUIPMENT AND REQUIRED CONNECTIONS PER EQUIPMENT SUPPLIER/OWNER LAYOUT. ALL WORK SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES.
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL UTILITIES AND LINES RELATING TO CAR WASHING EQUIPMENT WITH THE CIVIL ENGINEER AND THE CIVIL DRAWINGS.

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UNDERGROUND AND
RECLAIM SCHEDULES

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P101

Order Plans