

FIRE SPRINKLER NOTES

FIRE SPRINKLER LINES AND SPRINKLER HEADS SHALL BE RELOCATED/ADJUSTED/INSTALLED AS REQUIRED BY A LICENSED FIRE SPRINKLER CONTRACTOR/PROVIDER. THE CONTRACTOR SHALL COORDINATE WITH PAINT BOOTH SUPPLIER. ALL FIRE SPRINKLER HEADS LOCATED INSIDE PAINT BOOTH ARE TO BE HIGH TEMP RATED. FIRE SUPPRESSION CONTRACTOR/PROVIDER SHALL COORDINATE FINAL TEMPERATURE EQUIPMENTS OF PAINT BOOTH IN FIELD WITH PAINT BOOTH SUPPLIER.

FIRE SPRINKLER DRAIN SHALL NOT DRAIN TO THE FRONT BUILDING ELEVATION. NO EXCEPTIONS.

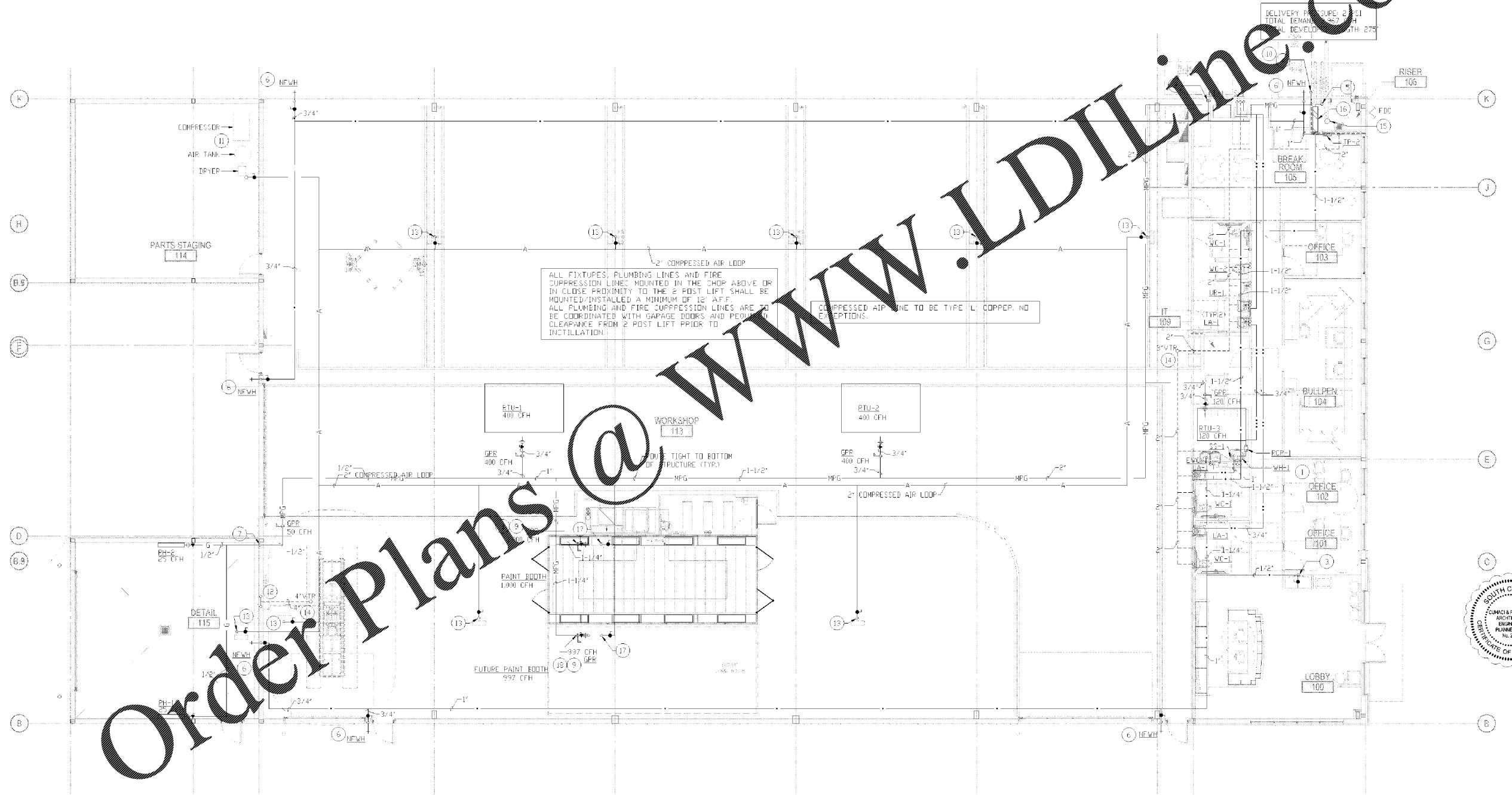
COMPRESSED AIR LINE NOTE

ALL COMPRESSED AIR PIPING TO BE TYPE 'L' COPPER.

- WATER HEATER TO BE MOUNTED ON PLATFORM FROM ADJACENT WALL ABOVE SERVICE SINK IN LOCATION SHOWN. REFERENCE P0.2/05 FOR DETAIL.
- PROVIDE NEW 1/2" DCW LINE DOWN IN WALL TO GUY GRAY WATER VALVE BOX (CB-D). PROVIDE BFF PRIOR TO CR-1 EQUAL TO ZURN 700XL-CH. PROVIDE 1/4" TUBING FROM CR-1 FOP CONNECTION TO APPLIANCE.
- PROVIDE NEW 1/2" DCW DOWN IN WALL TO SHUT OFF VALVE LOCATED UNDER COUNTER. PROVIDE BFF FROM SHUT-OFF VALVE EQUAL TO ZURN 700XL-CH. PROVIDE 1/4" TUBING FROM BFF UP THROUGH COUNTER TO CONNECTION TO APPLIANCE. FIELD LOCATE WITH EQUIPMENT.
- CONTRACTOR TO PROVIDE NEW GAS METER. GAS LINE UP FROM METER IN LOCATION SHOWN. CONTRACTOR SHALL COORDINATE SERVICE WITH GAS COMPANY. REFERENCE SHEET P2.0 UNDER CLAB PLAN FOR CONTINUATION.
- 1-1/2" DOMESTIC WATER LINE IN FROM CITY MAIN. REFERENCE UNDER CLAB PLAN SHEET P2.0 FOR CONTINUATION.
- 3/4" DOMESTIC COLD WATER LINE DOWN IN WALL TO NON-FREEZE HOSE BIB. CONFIRM FINAL HOSE BIB MOUNTING ELEVATION WITH ARCHITECT/DWNER PRIOR TO INSTALLATION.
- LOW PRESSURE GAS LINE DOWN FROM POOF HEIGHT TO WASH BAY. CONTRACTOR TO CONFIRM ALL PIPING MOUNTING HEIGHTS WITH WASH BAY IN FIELD. CONTRACTOR SHALL CONFIRM PIPING IS ROUTED AT AN ELEVATION HIGH ENOUGH TO ENSURE VEHICLES DO NOT COLLIDE WITH PIPING. CONTRACTOR SHALL ROUTE GAS PIPING SLEEVED DOWN THROUGH BUILDING TO WASH BAY ELEVATION PER DETAIL 04/PV.3.
- CONTRACTOR TO ROUTE 1" GAS LINE DOWN THROUGH ROOF TO PAINT BOOTHS HEATER. CONTRACTOR TO PROVIDE GAS TRAIN, INCLUDING BUT NOT LIMITED TO GAS COCK, UNION & DIRT LEG. CONTRACTOR TO PROVIDE GAS REGULATOR PER MANUFACTURER'S RECOMMENDATION. ALL REGULATORS LOCATED INDOORS ARE TO BE VENTED TO EXTERIOR OR RATED FOR INDOOR USE.
- CONTRACTOR SHALL FIELD COORDINATE ALL GAS PIPING CONNECTIONS OF PAINT BOOTH WITH PAINT BOOTH SUPPLIER IN FIELD.
- 2" GAS LINE UP FROM BELOW GRADE TO NEW GAS METER ON BUILDING. CONTRACTOR TO SET NEW METER AND FAY ALL ASSOCIATED METER FEES. ROUTE GAS LINE UP EXTERIOR WALL TO ROOF HEIGHT. PENETRATE WALL AND ROUTE GAS PIPING TIGHT TO BOTTOM OF STRUCTURE.
- NEW AIR COMPRESSOR PROVIDED BY OTHERS. CONTRACTOR SHALL COORDINATE FINAL SIZE AND REQUIRED CAPACITY WITH MANUFACTURER/DISTRIBUTOR. PLUMBING CONTRACTOR TO COORDINATE FINAL EQUIPMENT LOCATION IN EQUIPMENT YARD WITH EQUIPMENT SUPPLIER. CONTRACTOR TO PROVIDE ALL FINAL CONNECTIONS TO AIR COMPRESSORS IN FIELD.
- 3" VENTS UP IN WALL FROM SAND/OIL TRAP INTERCEPTOR AND SAMPLE WELL BELOW GRADE. CONTRACTOR TO TIE VENTS TOGETHER AND ROUTE VENT UP IN WALL AS A SINGLE 4" VENT. VENT TO BE ROUTED OUT FROM BUILDING EDGE TO VTR. REFERENCE SHEET P2.0 FOR CONTINUATION BELOW GRADE. CONTRACTOR TO PROVIDE CLEAN OUT AS REQUIRED.
- 3/4" COMPRESSED AIR LINE DOWN TO SERVE EACH CORD REEL. PROVIDE SHUT-OFF VALVE ON LINE TO EACH OUTLET. LOCATE SHUT-OFF VALVE ABOVE CORD REEL ON COLUMN. CONTRACTOR TO COORDINATE MOUNTING HEIGHT WITH DWNER/ARCHITECT PRIOR TO INSTALLATION. COORDINATE FINAL LOCATION OF

- DROP IN FIELD WITH EQUIPMENT. REFERENCE P0.3/05 FOR DETAILS.
- CONTRACTOR TO ENSURE VENT THROUGH ROOF IS LOCATED A MINIMUM OF 10' FROM ALL FRESH AIR INTAKES.
- WATER SUPPLY UP FROM BELOW CLAB. 6" PIPE RISER. REFERENCE SHEET P0.2/01 FOR PIPE RISER DETAIL.
- CONTRACTOR IS TO PROVIDE WALL MOUNTED PPE BACK FLOW PREVENTION DEVICE. MOUNT BFF ON WALL IN PIPE RISER ROOM. ROUTE DRAIN LINE FROM RFZ AROUND IN WALL TO FLOOR SINK.
- COMPRESSED AIR LINE DOWN TO SERVE PAINT BOOTH/APPARATION BOOTH. COORDINATE EXACT FINAL LOCATION WITH EQUIPMENT/EQUIPMENT PROVIDER IN FIELD.
- CONTRACTOR TO ROUTE 1" GAS LINE DOWN THROUGH ROOF AND GAP BELOW ROOF FOR FUTURE PAINT BOOTH USE. CONTRACTOR TO PROVIDE GAS TRAIN, INCLUDING BUT NOT LIMITED TO GAS COCK, UNION & DIRT LEG. CONTRACTOR TO PROVIDE GAS REGULATOR PER MANUFACTURER'S RECOMMENDATION. PROVISIONAL FUTURE GAS LOAD OF 997MBH. ALL REGULATORS LOCATED INDOORS ARE TO BE VENTED TO EXTERIOR OR RATED FOR INDOOR USE.

GAS UTILITY DISTRIBUTION SYSTEM				
TAG	QTY.	DESCRIPTION	TOTAL BTU/HR LOAD	PIPE CONNECTION SIZE
RB	1	PAINT BOOTH	1,000,000	1-1/4"
FIB	1	FUTURE PAINT BOOTH	997,000	1-1/4"
RH-2	2	RADIANT HEATER	25,000	1/2"
RTU-1	1	ROOFTOP UNIT	400,000	3/4"
RTU-2	1	ROOFTOP UNIT	400,000	3/4"
RTU-3	1	ROOFTOP UNIT	120,000	3/4"
TOTAL BTU/HR =			2,967,000	



- GAS PIPING NOTES**
- REFER TO EQUIPMENT PRODUCT DATA FOR EXACT LOCATIONS OF FIXTURES, REQUIRED BTUH, PIPE ROUGH-IN HEIGHTS AND ADDITIONAL INFORMATION.
 - THE PLUMBING CONTRACTOR SHALL PROVIDE GAS PIPING TO ROOF TOP EQUIPMENT. THE RTU EQUIPMENT SUPPLIER SHALL FURNISH GAS REGULATORS AND RESTRAINING DEVICES FOR EACH GAS CONSUMING APPLIANCE. THE GAS REGULATING VALVES SHALL BE INSTALLED BY THIS CONTRACTOR AND SHALL INSTALLED GAS CONSUMING EQUIPMENT PER MANUFACTURERS INSTALLATION REQUIREMENTS.
 - GAS PIPING SHALL BE PROVIDED IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE 2015 - FUEL GAS.
 - FUEL GAS SERVICES SHALL BE SIZED TO SUPPLY THE REQUIRED BTUH INDICATED TO THE EQUIPMENT AT PRESSURES AS SHOWN ON THE DRAWINGS. PROVIDE PRESSURE REGULATORS AS REQUIRED.
 - THE INSTALLING SUBCONTRACTOR SHALL BE LICENSED FOR THE INSTALLATION OF NATURAL GAS.
 - GAS PIPING SHALL BE SCHEDULE 40, ASME B31.10. PIPING JOINTS SHALL BE THREADED (4 INCH PIPE OR LESS) OR WELDED. FITTINGS SHALL BE STEEL OR MALLEABLE IRON.
 - CONNECTION AT EACH GAS APPLIANCE SHALL INCLUDE AN INVERTED TRAP, GAS COCK, UNION, AND DIRT LEG.
 - GAS PIPING SHALL BE INSPECTED, TESTED AND PURGED PER THE INTERNATIONAL BUILDING CODE 2015 - FUEL GAS.
 - GAS PIPING OUTSIDE OF BUILDING SHALL BE PAINTED WITH BLACK "RUSTOLEUM" PAINT. THEN IF AGAINST THE BUILDING PAINT TO MATCH SURFACE. THE GENERAL CONTRACTOR SHALL PAINT EXPOSED PIPING IN CUSTOMER AREA. PROVIDE YELLOW GAS PIPE LABELING MINIMUM EVERY 10'-0".
 - BRANCH TAPS SHALL BE MADE OFF THE TOP OF THE PIPING.

01 PLUMBING FLOOR PLAN
1/8"=1'-0"

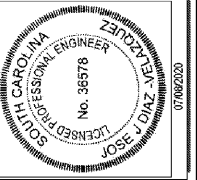
BID SET 10/28/2020

1925 Prospect Ave.
Orlando, FL 32814
P (407) 661-9100
F (407) 661-9101
www.cpi.com
Florida Corporate Certificate #AA 0006358

Culaci & Peterson
Architects Engineers Planners
ORLANDO • PHILADELPHIA

Cross Development
4336 Marsh Ridge
Carrollton, TX 75010

Caliber Collision Five Forks (161)
1215 East Valley Rd.
Greenville, SC 29607



PROJECT NO.	220067
DATE	07/08/2020
DRAWN BY	BK
CHECKED BY	ENC

P2.1