

Quality People. Building Solutions.

Comfort Systems USA (Arkansas), Inc.
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Date: 2/21/2024

Return Request: 3/28/2024

Project: Little Rock West High School

Supplier: Comfort Systems USA (Arkansas), Inc.

Manufacturer: Various

Submittal: Plumbing (Piping)

Submittal Number: 22 01 00-01

Drawing # and Installation: Plumbing Drawings

ARCHITECT

Lewis Architects Engineers
11225 Huron Lane, Suite 104
Little Rock, AR 72211
501-223-9302

ENGINEER

Lewis Architects Engineers
11225 Huron Lane, Suite 104
Little Rock, AR 72211
501-223-9302

GENERAL CONTRACTOR

Baldwin & Shell
1000 W. Capitol Ave.
Little Rock, AR 72201
501-374-8677

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
9924 Landers Rd.
N. Little Rock, AR 72117
501-834-3320

Notes:

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chowell@comfortar.com

9924 Landers Rd.
No. Little Rock, AR 72117

Pipe Valve & Fitting Schedule - Little Rock West				
System	Spec Section	Pipe	Fittings	Joint
Sanitary Sewer & Vent Piping - Above Grade	22 01 00; 2.1.1	Schedule 40 PVC DWV; ASTM D2655	PVC DWV; ASTM D2655/ASTM D3311	Solvent Weld (Glue & Primer); ASTM D2564
Sanitary Sewer - Above Grade (Plenum Area)	22 01 00; 2.1.1	Hubless Cast Iron; ASTM A888/CISPI 301	Hubless Cast Iron; ASTM A888/CISPI 301	Standard Hubless Band; ASTM C1277/CISPI 310
Sanitary Sewer & Vent Piping - Below Grade	22 01 00; 2.1.1	Schedule 40 PVC DWV; ASTM D2655	PVC DWV; ASTM D2655/ASTM D3311	Solvent Weld (Glue & Primer); ASTM D2564
Sanitary Sewer & Vent Piping - Below Grade Beyond 5'	22 01 00; 2.1.4	SDR-26 Heavy Wall Gasket PVC; ASTM D2412	SDR-26 Gasketed Fittings; ASTM D2412	Neoprene Gasket; ASTM C564
Acid Waste & Vent Piping - Above Grade	22 01 00; 2.1.6	Flame Retardent PPFR Sch. 40/80; ASTM D635	Flame Retardent PPFR Sch. 40/80; ASTM D635	No-Hub Mechanical Joint (Band)
Acide Waste & Vent Piping - Below Grade	22 01 00; 2.1.6	Flame Retardent PPFR Sch. 40/80; ASTM D635	Flame Retardent PPFR Sch. 40/80; ASTM D635	Electro-Fusion
Domestic Water - Above Grade	22 01 00; 2.1.3	Type L Hard Copper; ASTM B88	Wrought Copper; ASME B.16.22	Lead-Free Solder; ASTM B32
Domestic Water - Below Grade	22 01 00; 2.1.3	Type K Hard Copper; ASTM B42	Wrought Copper; ASME B.16.22	Silfos; AWS A5.8 BCuP
Storm/Roof Drain Piping - Above Grade	22 01 00; 2.1.5	Hubless Cast Iron; ASTM A888/CISPI 301	PVC DWV; ASTM D2655/ASTM D3311	Standard Hubless Band; ASTM C1277/CISPI 310
Storm/Roof Drain Piping - Below Grade	22 01 00; 2.1.5	Schedule 40 PVC DWV; ASTM D2655	PVC DWV; ASTM D2655/ASTM D3311	Solvent Weld (Glue & Primer); ASTM D2564
Acid Waste & Vent Piping - Above Grade	22 01 00; 2.1.6	Polypropylene (PP) Pipe (PPFR); ASTM D4101	Polypropylene (PP) Fittings; ASTM D4101	No-Hub Mechanical Joint Band; ASTM F1412
Acid Waste & Vent Piping - Below Grade	22 01 00; 2.1.6	Polypropylene (PP) Pipe; ASTM D4101	Polypropylene (PP) Fittings; ASTM D4101	Electrofusion; ASTM F1290
HVAC Condensate Drain Piping - Below Grade	22 01 00; 2.1.7	Schedule 40 PVC; ASTM D1785	Schedule 40 PVC; ASTM D2466	Solvent Weld (Glue & Primer); ASTM D2564
HVAC Condensate Drain Piping (Exterior) - Above Grade	22 01 00; 2.1.7	Schedule 80 PVC; ASTM D1785	Schedule 80 PVC; ASTM D2467	Solvent Weld (Glue & Primer); ASTM D2564
HVAC Condensate Drain Piping - Above Grade	22 01 00; 2.1.7	Type L Hard Copper; ASTM B88	Wrought Copper; ASME B.16.22	Lead-Free Solder; ASTM B32
HVAC Condensate Drain Piping (In wall/chase) - Above Grade	22 01 00; 2.1.7	Schedule 40 PVC; ASTM D1785	Schedule 40 PVC; ASTM D2466	Solvent Weld (Glue & Primer); ASTM D2564
Natural Gas - Below Grade	22 10 05; 2.1.8.1	PE Pipe (SDR 11); ASTM D2513	PE Fittings; ASTM D2683	Butt Fusion
Natural Gas 2" & Below - Above Grade	22 10 05; 2.1.8.1	Schedule 40 Steel; ASTM A53/A53M	Schedule 40 Malleable Iron; ASME B16.3/ASTM A234	Threaded (2" & Smaller)
Natural Gas 2 1/2" & Above - Above Grade	22 10 05; 2.1.8.1	Schedule 40 Steel; ASTM A53/A53M	Schedule 40 Forged Steel; ASME B16.3/ASTM A234	Welded (2 1/2" & Larger)