

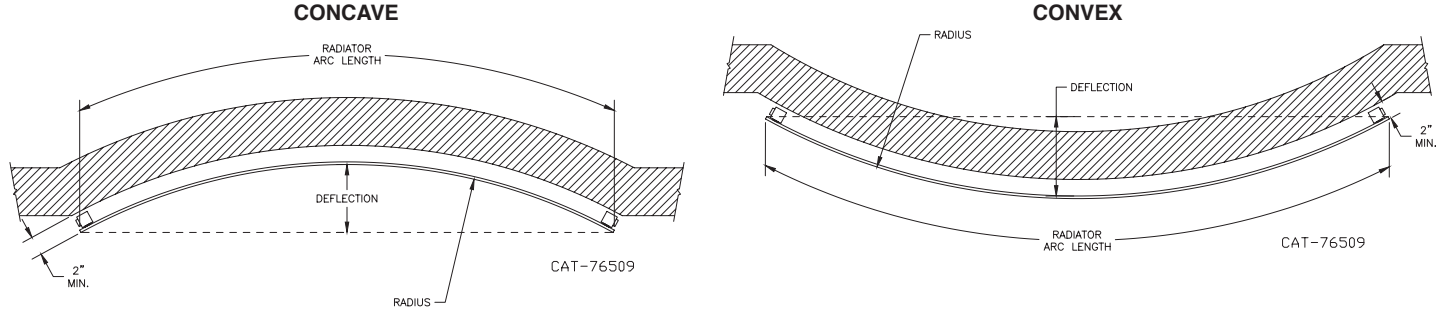
FACTORY CURVED PANEL RADIATOR

Submittal

PRFAC-1

Specification

(High Pressure PR or PRF Panels Only)



Tag No	Quantity	Radiator Model	Radiator Arc Length	Radius	Concave/Convex	Deflection	Connections	Color

MAXIMUM RADIATOR LENGTHS SHOWN (Minimum length is 5'-0")

		RADIUS															
		5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
TUBES		MAXIMUM RADIATOR LENGTHS															
	1	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'
PR PANELS	2	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'
	3	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'
	4	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'
NO FINIS	5	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'
	6	13'	14'	15'	16'	17'	18'	19'	20'	20'	20'	20'	20'	20'	20'	20'	20'

MAXIMUM RADIATOR LENGTHS SHOWN (Minimum length is 10'-0")

		RADIUS										
		10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
TUBES		MAXIMUM RADIATOR LENGTHS										
	1	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'
PRF PANELS	2	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'
	3	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'
FINIS	4	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'
	5	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'
	6	10'	11'	11'	12'	12'	13'	13'	13'	14'	14'	15'

NOTES:

1. Factory curving is not exact. There will be some "Fitting to the curve" required in the field.
2. When curving to a radius of less than 20 feet, the radius of the radiator ends will vary slightly from the radiator as a whole. Care in job planning and flexibility in radiator piping are essential.
3. Perforated grilles are not available.

ORDERING:

1. The radiator must be ordered by the Arc length.
2. The radius of curvature of the radiator must be specified (deflection is helpful if known).
3. Curved panel radiators are available with high pressure tubes only.
4. Specify "Option 54 Factory Curved" on the order release.
5. Lockdown brackets are advised for all curved radiator installations; a minimum of one on each end with one in the middle.



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PROJECT: _____ DATE: _____

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ARCHITECT: _____

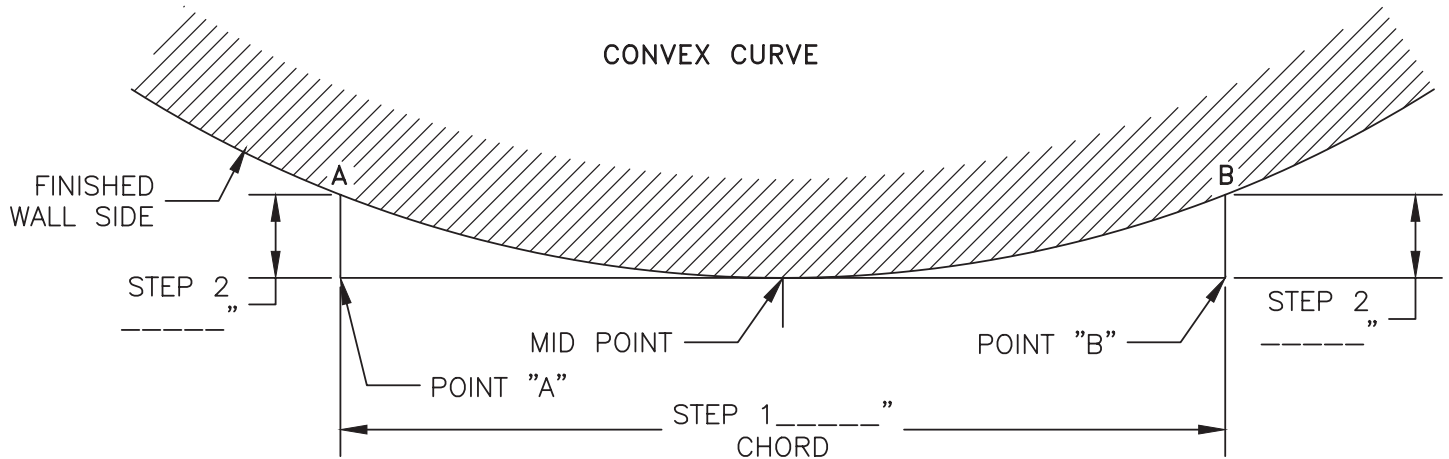
ENGINEER: _____

CONTRACTOR: _____

PO NUMBER: _____

CURVE LAYOUT

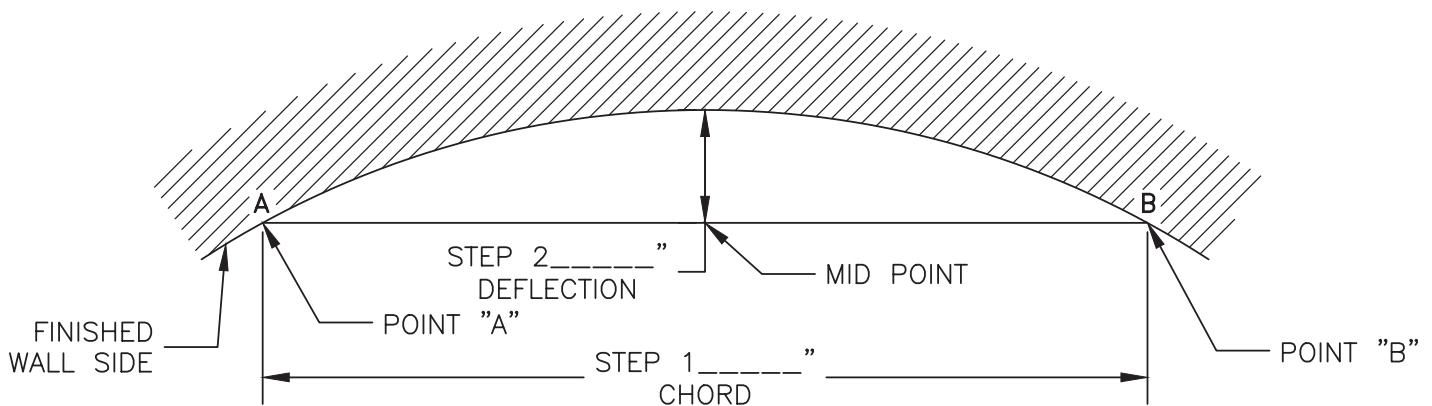
FIELD MEASURING PROCEDURE FOR FINDING A FINISHED WALL RADIUS MODELS PR (UP TO 6 TUBES) AND PRF (UP TO 4 TUBES) ONLY



CONVEX CURVE

1. DRAW A STRAIGHT LINE FROM POINT "A" TO POINT "B" HAVING THE MID-POINT TOUCHING THE WALL. MEASURE THE LINE LENGTH AND FILL IN STEP 1.
2. DRAW A PERPENDICULAR LINE FROM THE A-B LINE END POINTS TO THE WALL. MEASURE THE LINE LENGTHS AND FILL IN STEP 2.
3. MEASURE THE ARC LENGTH (THE RADIATOR LENGTH) FROM POINT A TO B.

CONCAVE CURVE



CONCAVE CURVE

1. DRAW A STRAIGHT LINE FROM POINT "A" TO POINT "B" TOUCHING THE WALL. MEASURE THE LINE LENGTH AND FILL IN STEP 1.
2. FIND THE MID POINT ON THE A-B LINE AND DRAW A LINE PERPENDICULAR TO THE WALL. MEASURE THE LINE LENGTHS AND FILL IN STEP 2.
3. MEASURE THE ARC LENGTH (THE RADIATOR LENGTH) FROM POINT A TO B.

GENERAL NOTES

1. MEASUREMENTS ARE TO THE "FINISHED" SIDE OF THE WALL.
2. WALL CONTOUR TO BE OF A "CONTINUOUS UNINTERRUPTED RADIUS".
3. CONSTRUCTION LINES ARE TO BE PERPENDICULAR TO EACH OTHER.
4. PR2, PR2F, PR3F MODELS NOT AVAILABLE.
5. CONTACT FACTORY FOR HEIGHTS AND LENGTHS AVAILABLE.

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