

AcoustaWall™ NON-CONDUCTIVE SYSTEMS

By Shakespeare Composite Structures



AcoustaWall™ **Non-Conductive** Fence Systems with acoustical properties provide safety and security around transformer yards and switching stations. The fiberglass wall deters would-be vandals, excludes wildlife and hides unsightly equipment from growing neighborhoods. Lightweight and versatile, Shakespeare AcoustaWall can be field modified to address all types of terrain.





AcoustaWall™

NON-CONDUCTIVE SYSTEMS

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Attractive, non-conductive AcoustaWall brings safety and peace of mind to transformer and switching yards.

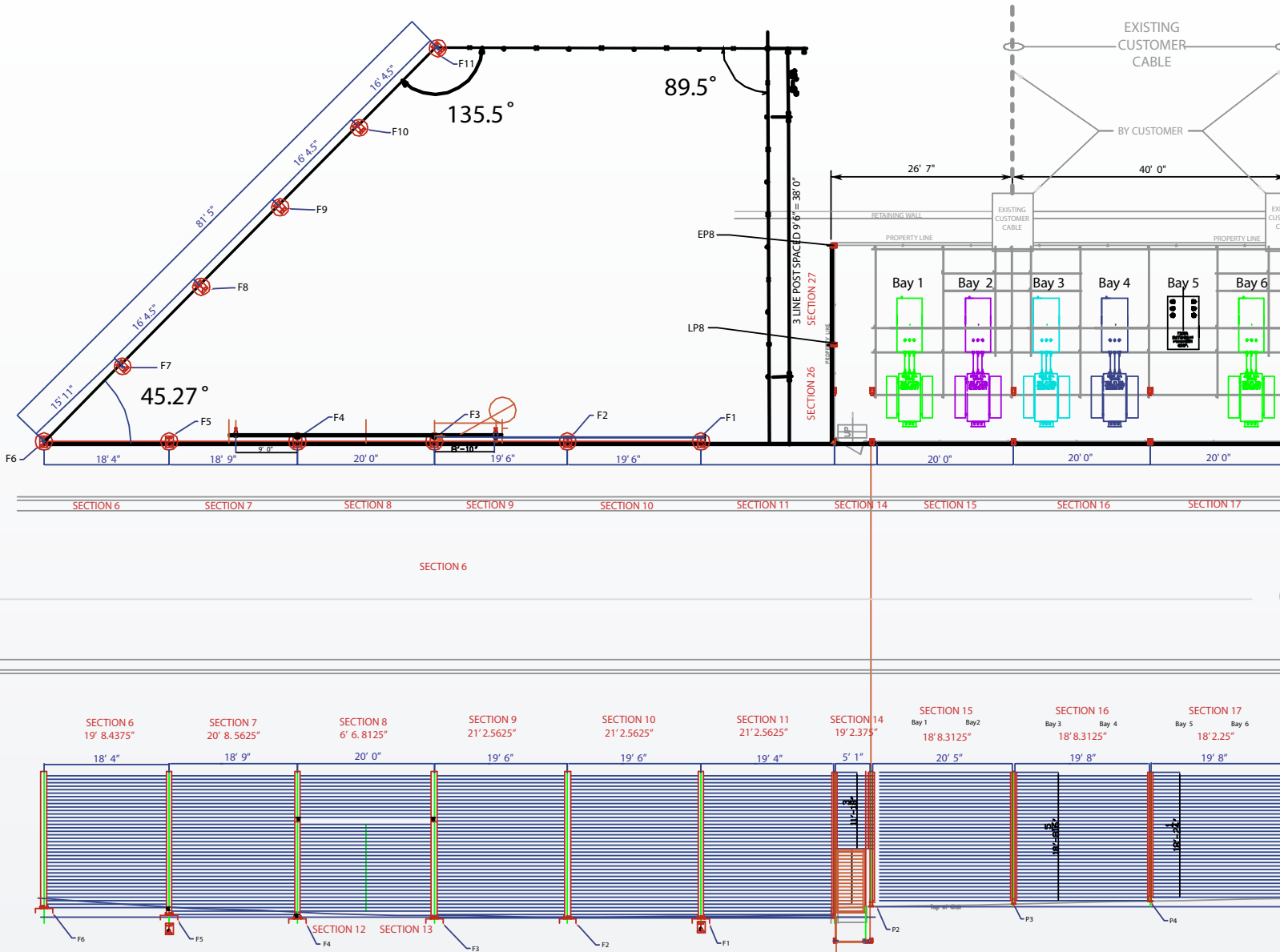
- ▶ **Non-conductive** fiberglass supports and panels
- ▶ Simple, fast, inexpensive installation
- ▶ Can be modified and cut in the field
- ▶ Low maintenance over life of product
- ▶ Wide variety of RAL colors available
- ▶ Spans up to 18 feet
- ▶ Will not rust, rot, or corrode
- ▶ Lightweight, can be installed with minimal equipment



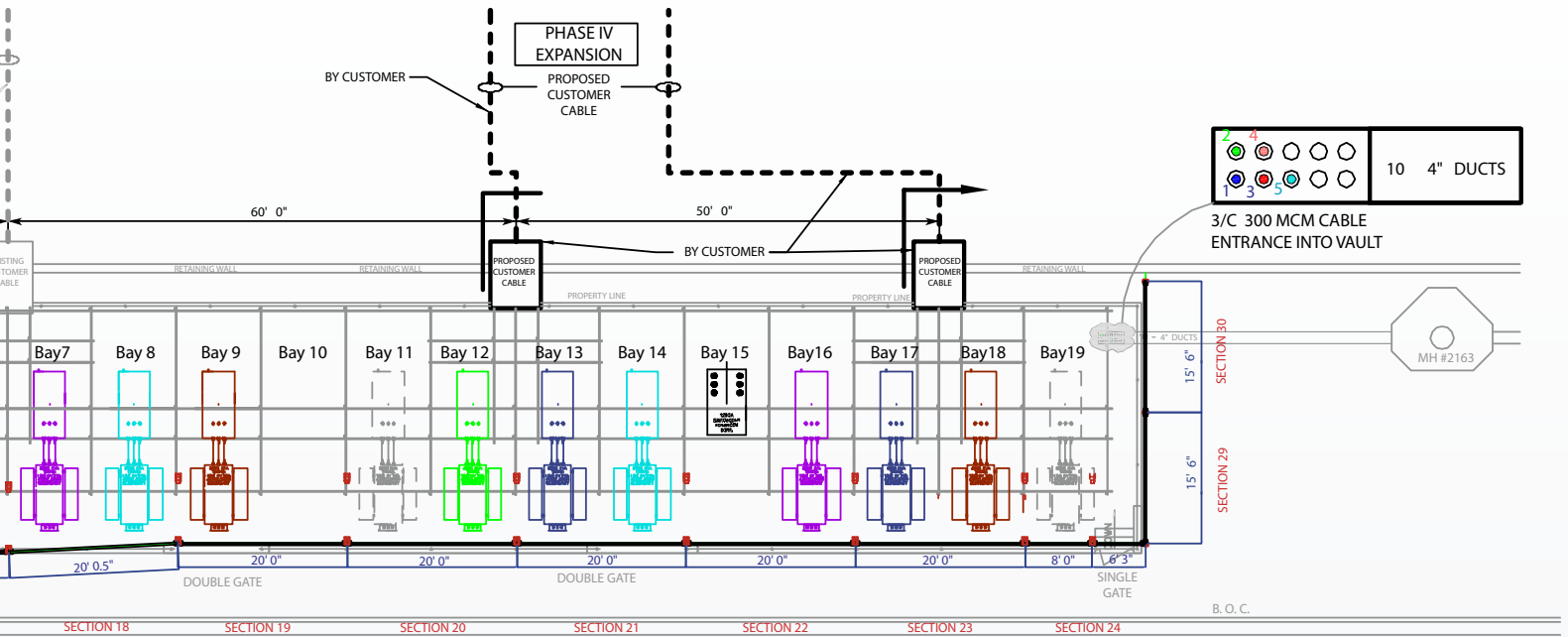
**Shakespeare
Composite Structures**



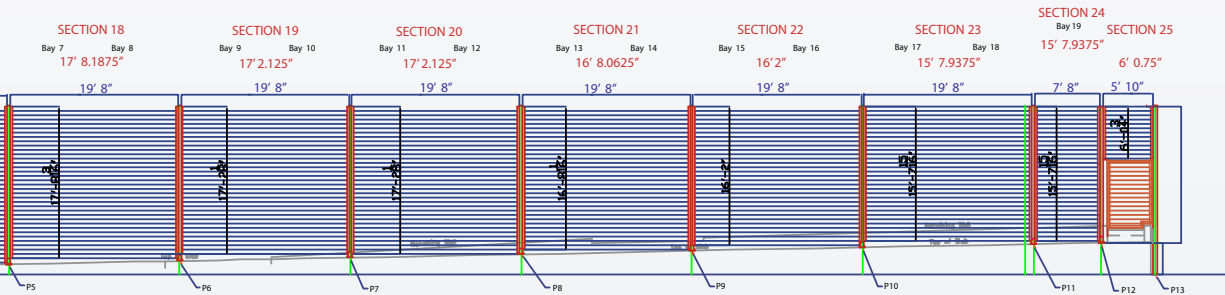
AcoustaWall™ Non-Conductive Engineered Composite Fence System incorporating both steel and composite posts: Example



Sample Installation

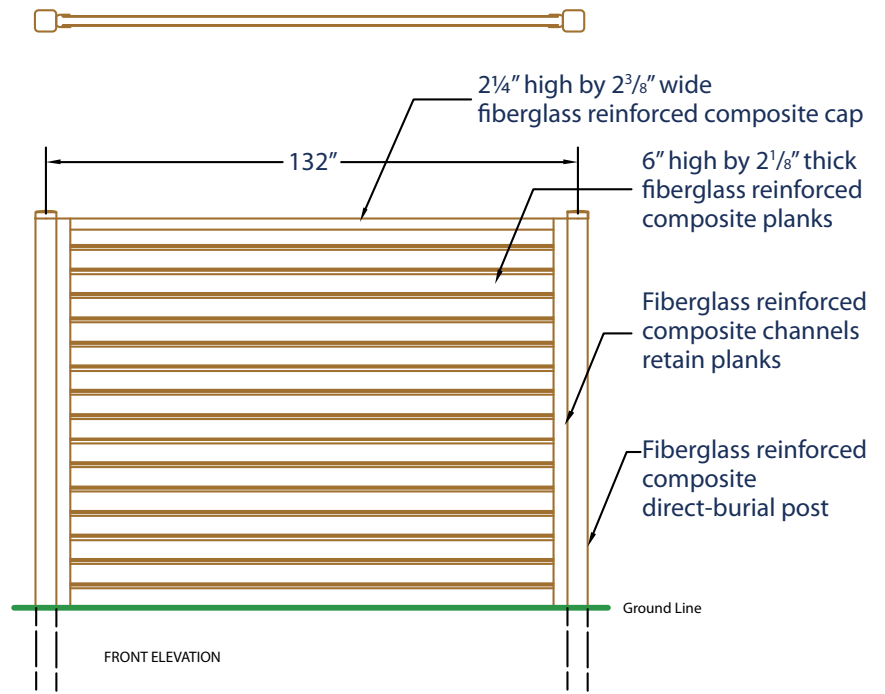


C/L STREET



AcostaWall At-A-Glance

Fire resistance	Excellent
Moisture resistance	Excellent
Freeze/thaw resistance	Excellent
Graffiti resistance	Excellent
Structurally self-supporting	Yes
Maintenance cost	Negligible
Hazardous disposal required	No
Works in challenging terrain	Yes
Easy onsite changes/adjustments	Yes



Wall height (ft)	Minimum Spacing (ft.) for AcoustaWall™ 4x6 Direct-burial Composite Support Posts in Prevailing Winds								
	at 70 mph	at 80 mph	at 90 mph	at 100 mph	at 110 mph	at 120 mph	at 130 mph	at 140 mph	at 150 mph
4	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0	15.0
5	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0	15.0
6	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0	15.0
7	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0	13.4
8	18.0	18.0	18.0	17.0	16.0	15.0	13.9	11.9	10.4
9	18.0	18.0	18.0	17.0	15.5	13.0	11.1	9.6	8.3
10	18.0	18.0	18.0	15.3	12.7	10.6	9.1	7.8	6.8
11	18.0	18.0	15.8	12.8	10.6	8.9	7.6	6.5	5.7
12	18.0	16.9	13.3	10.8	8.9	7.5	6.4	5.5	4.8
13	18.0	14.5	11.4	9.3	7.7	6.4	5.5	4.7	4.1
14	16.4	12.5	9.9	8.0	6.6	5.6	4.7	4.1	3.6
15	14.3	11.0	8.7	7.0	5.8	4.9	4.2	3.6	3.1
16	12.6	9.7	7.6	6.2	5.1	4.3	3.7	3.2	2.8
17	11.2	8.6	6.8	5.5	4.6	3.8	3.3	2.8	2.4
18	10.1	7.7	6.1	4.9	4.1	3.4	2.9	2.5	2.2
19	9.1	6.9	5.5	4.4	3.7	3.1	2.6	2.3	2.0
20	8.2	6.3	5.0	4.0	3.3	2.8	2.4	2.0	1.8

Wall height (ft)	Minimum Spacing for AcoustaWall™ 4x7.5 Direct-burial Composite Support Posts in Prevailing Winds								
	at 70 mph	at 80 mph	at 90 mph	at 100 mph	at 110 mph	at 120 mph	at 130 mph	at 140 mph	at 150 mph
4	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0
5	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0
6	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0
7	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0
8	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	15.0
9	18.0	18.0	18.0	18.0	17.0	16.0	15.0	15.0	13.2
10	18.0	18.0	18.0	18.0	17.0	16.0	14.3	12.4	10.8
11	18.0	18.0	18.0	18.0	16.7	14.0	11.9	10.3	9.0
12	18.0	18.0	18.0	17.1	14.1	11.9	10.1	8.7	7.6
13	18.0	18.0	18.0	14.6	12.1	10.2	8.7	7.5	6.5
14	18.0	18.0	15.7	12.7	10.5	8.8	7.5	6.5	5.6
15	18.0	17.3	13.7	11.1	9.2	7.7	6.6	5.7	4.9
16	18.0	15.3	12.1	9.8	8.1	6.8	5.8	5.0	4.4
17	17.8	13.6	10.7	8.7	7.2	6.0	5.1	4.4	3.9
18	15.9	12.2	9.6	7.8	6.4	5.4	4.6	4.0	3.5
19	14.3	10.9	8.7	7.0	5.8	4.9	4.1	3.6	3.1
20	12.9	9.9	7.8	6.3	5.2	4.4	3.8	3.2	2.8

- ▶ AcoustaWall™ Non-conductive Systems can include standard or custom doors and gates with security locks that provide easy access and lockability from both sides.



► Before



► After



 **AcoustaWall**TM
NON-CONDUCTIVE SYSTEMS
By Shakespeare Composite Structures

 **Shakespeare
Composite Structures**

Shakespeare Composite Structures is a Philips group brand.

19845 U.S. Highway 76, Newberry, SC 29108 · 803.276.5504 · Fax: 803.276.8940 · Toll-free in U.S.A.: 800.800.9008 · www.skp-cs.com