

|       |                  |          |         |
|-------|------------------|----------|---------|
| O     |                  |          |         |
| N     |                  |          |         |
| M     |                  |          |         |
| L     |                  |          |         |
| K     |                  |          |         |
| J     |                  |          |         |
| I     |                  |          |         |
| H     |                  |          |         |
| G     |                  |          |         |
| F     |                  |          |         |
| E     |                  |          |         |
| D     |                  |          |         |
| C     |                  |          |         |
| B     |                  |          |         |
| A     | Original drawing | 09/12/14 | LLJ     |
| Issue | Revision         | Date     | Initial |

Notes:  
**All dimensions in millimetres**

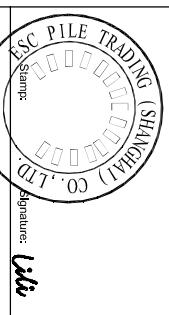
ESC Client:  
 \_\_\_\_\_

Manufacturer:  
**ESC Pile (China) Co., Ltd**  
 Room 309, Donggu International  
 No.651 East Yueling Road,  
 Pudong District, Shanghai, China  
 P.O. Box: 200062  
 Pn : +86-21-31263501 Fax : +86-21-31263502  
 Email : escchina@escpile.com

Project Title:  
 \_\_\_\_\_

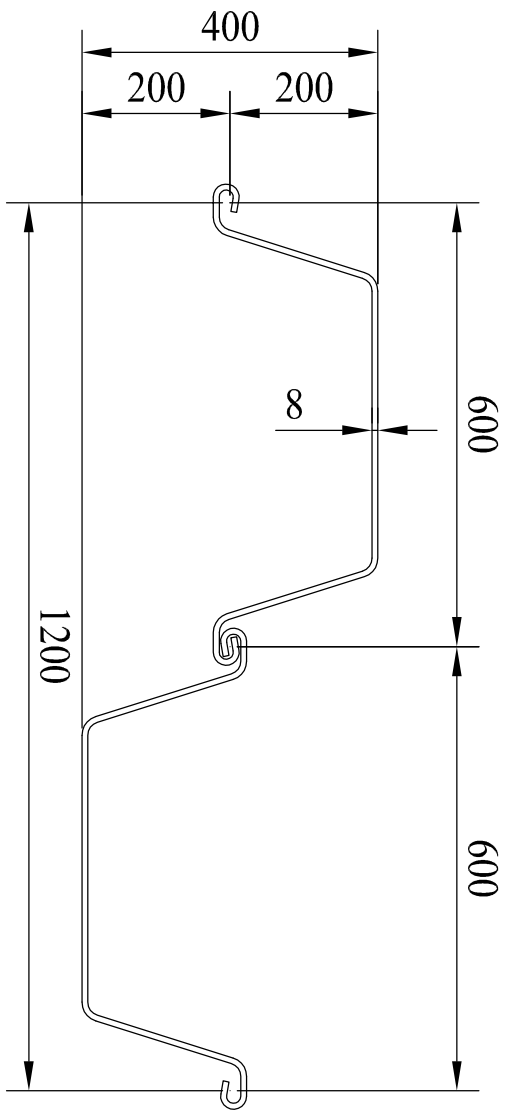
Drawing Title:  
**ESC-N-CRU13-600**

**ESC**  
 PILE



MANUFACTURING DRAWING

|          |            |         |      |
|----------|------------|---------|------|
| Designed | Drawn      | Checked | Rev. |
| LLJ      | LLJ        | BILL    |      |
| Scale    | Date       | Job No. |      |
| NTS      | 2014.12.09 |         | A    |



**ESC-N-CRU13-600**

**COMBINED PILE PROPERTIES**

| SERIES    | UNIT WIDTH<br>W<br>[in]<br>(mm) | WALL<br>HEIGHT<br>H<br>[in]<br>(mm) | THICKNESS<br>t<br>[in]<br>(mm) | MASS<br>[lb/ft]<br>(kg/m) | MASS<br>[lb/ft²]<br>(kg/m²) | TOTAL<br>MODULUS<br>[in³/ft]<br>(cm³/m) | TOTAL<br>MOMENT OF<br>INERTIA<br>[in⁴/ft]<br>(cm⁴/m) | Coating Area<br>full side<br>[ft²/ft]<br>(m²/m) |
|-----------|---------------------------------|-------------------------------------|--------------------------------|---------------------------|-----------------------------|---|--|---|
| CRU13-600 | 23.64<br>(600)                  | 15.76<br>(400)                      | 0.315<br>(8.0)                 | 43.77<br>(65.14)          | 22.24<br>(108.57)           | 24.9<br>(1337)                          | 195<br>(26745)                                       | 6.89<br>(2.10)                                  |