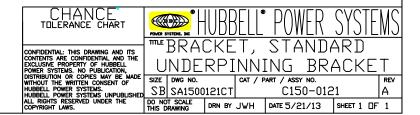
## -14" WIDE BRACKET-LIFTING BOLTS TO DIA. X 10' LONG 34 MAX LIFTING DISTANCE 3½ SLOT TO FIT & DIA. ANCHOR BOLT FOUNDATION CROSS BOLT 5' DIA. X 41' LONG REAR VIEW \_FOUNDATION BRACKET FOUNDATION FOOTING PIPE SHAFT 13 MAX HEIGHT ABOVE EXTENSION 0 0 0 TRANSITION 225/22150 SQUARE SHAFT LEAD SECTION 11 STAMP SIDE VIEW C150-0121 ACCEPTS TYPICAL INSTALLATION RS2875, 203 AND RS2875, 203 SHAFTS

## -NOTES-

- . HOT DIP GALVANIZE PER ASTM A153-(LATEST REVISION).
- 2. ASSEMBLE COMPLETE AS SHOWN IN SIDE VIEW.
- DD NOT EXCEED 165 FT-LBS OF TORQUE ON 7/8" DIA LIFTING BOLTS DURING STABILIZING OR LOAD LOCK-OFF.
- 4. RECOMMENDED ANCHOR SHAFT CUTOFF LEVEL ABOVE THE BOTTOM OF THE FOOTING IS 10' TO 11' FOR MAXIMUM LIFT DISTANCE.
- FOR DETAILED INSTALLATION INSTRUCTIONS, READ CHANCE BULLETIN 01-9812.
- 6. MATERIAL SPECIFICATIONS:
  - BRACKET BODY: PER ASTM A36 AND ASTM A570 GR. 50.
    T-PIPE TUBE: HOT ROLLED MECHANICAL TUBING PER ASTM A500.
    LIFTING BOLTS: HEX HEAD BOLT PER SAE J429 GRADE 5.
    CROSS BOLT: HEX HEAD BOLT PER SAE J429 GRADE 5.
- 7. THE CAPACITY OF THE UNDERPINNING SYSTEM IS A FUNCTION OF MANY INDIVIDUAL ELEMENTS, INCLUDING THE CAPACITY OF THE FOUNDATION, BRACKET, PIER SHAFT HELICAL PLATE, AND BEARING STRATA, AS WELL AS THE STRENGTH OF THE FOUNDATION TO BRACKET CONNECTION AND THE QUALITY OF PIER INSTALLATION. COLUMN THREE OF THE TABLE SHOWS TYPICAL UNDERPINNING SYSTEM CAPACITIES THAT ARE ACHIEVABLE UNDER NORMAL CONDITIONS. YOUR ACHIEVABLE CAPACITIES COULD BE HIGHER OR LOWER DEPENDING ON THE ABOVE FACTORS.

| UNDERPINNING SYSTEM PER PIER/BRACKET LOAD RATINGS<br>(SEE NOTE-7) |           |            |   |              |                      |              |                      |              |
|---|-----------|------------|---|--------------|----------------------|--------------|----------------------|--------------|
| ANCHOR<br>TYPE  | BRACKET   | T-PIPE     | ASD ALLOWABLE STRENGTH IN AXIAL<br>COMPRESSION (KIPS) |              |                      |              |                      |              |
|   |           |            | 2500 PSI<br>CONCRETE                                  |              | 3000 PSI<br>CONCRETE |              | 4000 PSI<br>CONCRETE |              |
|   |           |            | FIRM<br>SOIL  | SDFT<br>SDIL | FIRM<br>SOIL         | SOFT<br>SOIL | FIRM<br>SOIL         | SDFT<br>SDIL |
| RS2875, 203   | C150-0121 | *C278-0001 | 23. 2   | 23. 2        | 23. 2                | 23. 2        | 23. 2                | 23. 2        |
| RS2875. 203   | C150-0121 | C278-0002  | 26. 3   | 26. 3        | 29. 9                | 29. 9        | 29. 9                | 29. 9        |
| RS2875. 276   | C150-0121 | *C278-8012 | 23. 2   | 23. 2        | 23. 2                | 23. 2        | 23. 2                | 23. 2        |
| RS2875. 276   | C150-0121 | C278-8011  | 34. 6   | 32. 4        | 38. 1                | 32. 5        | 39. 6                | 38. 5        |

\* DENOTES T-PIPES WITH SQUARE TUBING TOP INSTEAD
SOLID ROUND CORNER SQUARE BAR.



FOUNDATION REPAIR BRACKET WITH SS5/SS150 AND CAST

TRANSITION TO RS2875