**DIAGONALS, STRUTS AND CROSS BRACES**

**DOUBLE ANGLES AT HORIZONTAL**

**TYPICAL DETAIL FOR OPTIONAL 2.5 STD.**

2…"

2…"

3"

4"

SPLIT TUBE (NPS)

OPTIONAL DOUBLE ANGLES

2 Lv3"xv2"xv…"

2 Lv4"xv3"xv…"

2 Lv6"xv4"xv…"

**CONNECTIONS SHOWN IN DETAILS 4, 5 AND 6, IF GALVANIZING TANKS PERMIT.**

**FULLY WELDED SPLIT TUBES MAY BE USED IN LIEU OF THE BOLTED CONNECTIONS SHOWN IN DETAILS 4, 5 AND 6, IF GALVANIZING TANKS PERMIT.**

**THE BOLT SHALL BE INSTALLED WITH THE BOLT HEAD UP.**

**OVERSIZE HOLES IN BOLTED CONNECTION SPLICE PLATES OR DOUBLE ANGLES MAY BE FULLY TIGHTENED. HOLES IN GUSSET AND TAB PLATES SHALL BE STANDARD.**

**ALL BOLTED CONNECTIONS SHALL BE MADE WITH ‡" DIA. HIGH STRENGTH BOLTS.**

**NOTES:**

1. ALL BOLTED CONNECTIONS SHALL BE MADE WITH ‡" DIA. HIGH STRENGTH BOLTS.

2. FOR LOCATIONS OF DETAILS, SEE BD-OS7E.

3. ALL VERTICAL TRUSS CONNECTIONS SHALL BE WELDED. DOUBLE ANGLES MAY NOT BE SUBSTITUTED FOR VERTICAL TRUSS MEMBERS.

4. FULLY WELDED SPLIT TUBES MAY BE USED IN LIEU OF THE BOLTED CONNECTIONS SHOWN IN DETAILS 4, 5 AND 6, IF THE FABRICATOR'S DISCRETION.

5. DETAIL 4 MAY BE SUBSTITUTED FOR DETAIL 1 AT THE FABRICATOR'S DISCRETION.