## Pile Layouts For Standard Plan Retaining Walls - Attachment B

**GENERAL NOTES:**

1. SUBSCRIPT 90 INDICATES CLASS 90 PILES (MIN)
2. $V_p$ - SUM OF VERTICAL LOADS
3. $H_x$ = SUM OF RESISTING HORIZONTAL LOADS
4. $D_s$ = DISTANCE BETWEEN CENTER LINE OF PILES AND EDGE OF FOOTING 1'-0" WHT.
5. $F_p$ - PILE SPACING P AND G IS MAX. REDUCE TO SUIT LENGTH OF FOOTING.
6. MIN SPACING BETWEEN ANY TWO PILES IS 3'-0".

### Table: Pile Pattern Layouts

<table>
<thead>
<tr>
<th>DESIGN H</th>
<th>FOOTING DATA</th>
<th>PILE PATTERN LAYOUT</th>
<th>LOAD CASE</th>
<th>CONCRETE/STEEL PILES</th>
<th>CONCRETE/STEEL PILE GROUPS</th>
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### Diagrams:

- **CASE 2**
  - 2:1 SLOPE (45°-0" WHT PILE HEIGHT)

### Diagram Legend:

- **Plan Types:**
  - **Plan Type 2-I**
  - **Plan Type 2-II**
  - **Plan Type 2-IV**
  - **Plan Type 2-V**
  - **Plan Type 2-VI**

*Date: 4/11/14*