

PLAN VIEW Place Bars $w_1(E)$ thru $w_5(E)$ @ 12" cts., Bott. of Pad - Rustication -Ground Well (Typ.) Note 7 6" All around-36" Radius Elbow -© Light Tower & Drilled Shaft Drilled Shaft

> ELEVATION VIEW (HMLT not shown for clarity)

 $-#5 h_I(E) t$ © 12" cts. $#4 h_7(E) t$ © 12" cts. $h_1(E)$ (B.F.) or $h_7(E)$ (F.F.) 25-#6 n₁(E) bars** © 12" cts. (B.F.)

1. F.F. and B.F. denote Front Face and Back Face, respectively.

2. HMLT denotes High Mast Light Tower.

- 3. Refer to HMLT Service Pad, Special & Retaining Wall Details 2 for Bar Bending Diagrams, Bill of Material, Bar Sections and Details.
- 4. T/Wall slope is constant along the arc of any given radius.
- 5. Place horizontal tails of n_1 (E) bars radially.
- 6. PVC sleeves must be extended 6 inches beyond the edge of the concrete pad (PVC sleeve shall be included in the cost of Light Tower Service Pad, Special).
- Adjust service pad reinforcement to miss wells. Any necessary vertical adjustments shall be included in the cost of Light Tower Service Pad, Special.

* Cut to fit, use remainder of bars at opposite end of wall. See Cutting Diagram (Detail sheet 2 of 2)

12" 7-#4 v₁(E) bars* • 12" cts. (F.F.) 12" 8-#4 v₂(E) bars • 12" cts. (F.F.) 12" #4 v₁(E) bars* • 12" cts. (F.F.) 12"

h₆(E) (B.F.) or h₁₂ (E) (F.F.)

** Cut to fit where necessary, discard excess.

5'-0" RETAINING WALL ELEVATION (PROJECTED)

(Looking at F.F.)

USER NAME = DESIGNED REVISED A- ADDENDUM 1 05/24/10 DRAWN REVISED TYLININTERNATIONAL PLOT SCALE : CHECKED REVISED PLOT DATE = 3/18/2010 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

I-57 AT I-294 INTERCHANGE PROJECT HIGH MAST LIGHT TOWER SERVICE PAD & RETAINING WALL DETAILS SHEET NO. 1 OF 2 SHEETS STA.

COUNTY TOTAL SHEET NO.

COOK 516 209E SECTION 57 1414.2B CONTRACT NO. 60J27

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NEW SHEET SHEET E20