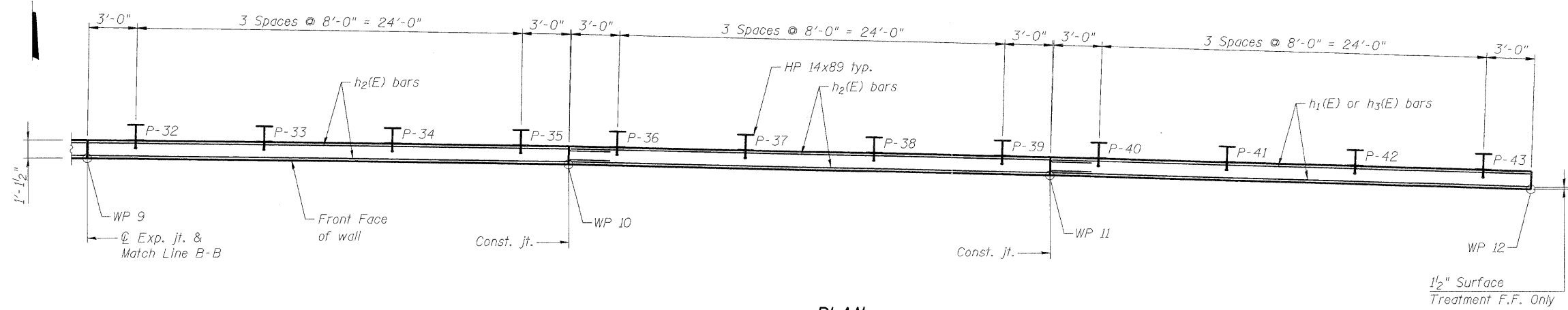


* Field cut bars h3(E) as required. Fan bars as shown.

ELEVATION
(Looking @ F.F. of wall)



PLAN

PILE SCHEDULE

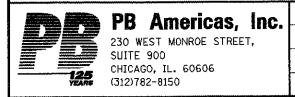
| Pile Name | Top Elev. | Bottom Elev. | Length | Shear Studs | |
|-----------|-----------|--------------|--------|-------------|----------|
| | | | | No. | Spacing |
| P-32 | 632.17 | 600.17 | 32'-0" | 9 | 12" max. |
| P-33 | 631.84 | 599.84 | 32'-0" | 9 | 12" max. |
| P-34 | 631.52 | 599.52 | 32'-0" | 9 | 12" max. |
| P-35 | 631.20 | 599.20 | 32'-0" | 9 | 12" max. |
| P-36 | 630.96 | 598.96 | 32'-0" | 9 | 12" max. |
| P-37 | 630.63 | 598.63 | 32'-0" | 9 | 12" max. |
| P-38 | 630.31 | 598.31 | 32'-0" | 9 | 12" max. |
| P-39 | 629.99 | 597.99 | 32'-0" | 9 | 12" max. |
| P-40 | 629.05 | 597.05 | 32'-0" | 8 | 12" max. |
| P-41 | 626.89 | 594.89 | 32'-0" | 6 | 12" max. |
| P-42 | 624.72 | 592.72 | 32'-0" | 8 | 6" max. |
| P-43 | 622.55 | 590.55 | 32'-0" | 4 | 6" max. |

MINIMUM BAR LAP

#5 bar = 2'-11"

Notes:
 Wall to be built along straight chords between adjacent construction joints & expansion joints.
 For match line B-B, see sheet 4 of 13.
 For parapet railing details, see sheet 8 of 13.
 For sections and details, see sheets 6 and 7 of 13.
 For bill of material, see sheet 7 of 13.

T:\16829-PrairiePkwy-P12\Struct\Cadd\Prefinal\US34 Retaining Wall 10478800-66985-005-P&E.dgn 05-MAY-2011 10:31



| | | |
|---------------------------------------|-----------------------|-----------|
| FILE NAME = 0478800-66985-005-P&E.dgn | DESIGNED - Y. Ali | REVISED - |
| CHECKED - M. Shalkh | REVISED - | |
| PLOT SCALE = NONE | DRAWN - D. C. PATEL | REVISED - |
| PLOT DATE = 5/5/2011 | CHECKED - J. GRAINAWI | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND ELEVATION
STRUCTURE NO. 047-8800
SHEET NO. 5 OF 13 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|-----------------------------|---------|--------------|--------------------|
| 591 | 13R-2;14R-1 & BR-1(1);15R-1 | KENDALL | 429 | 298 |
| | | | | CONTRACT NO. 66985 |
| ILLINOIS FED. AID PROJECT | | | | |