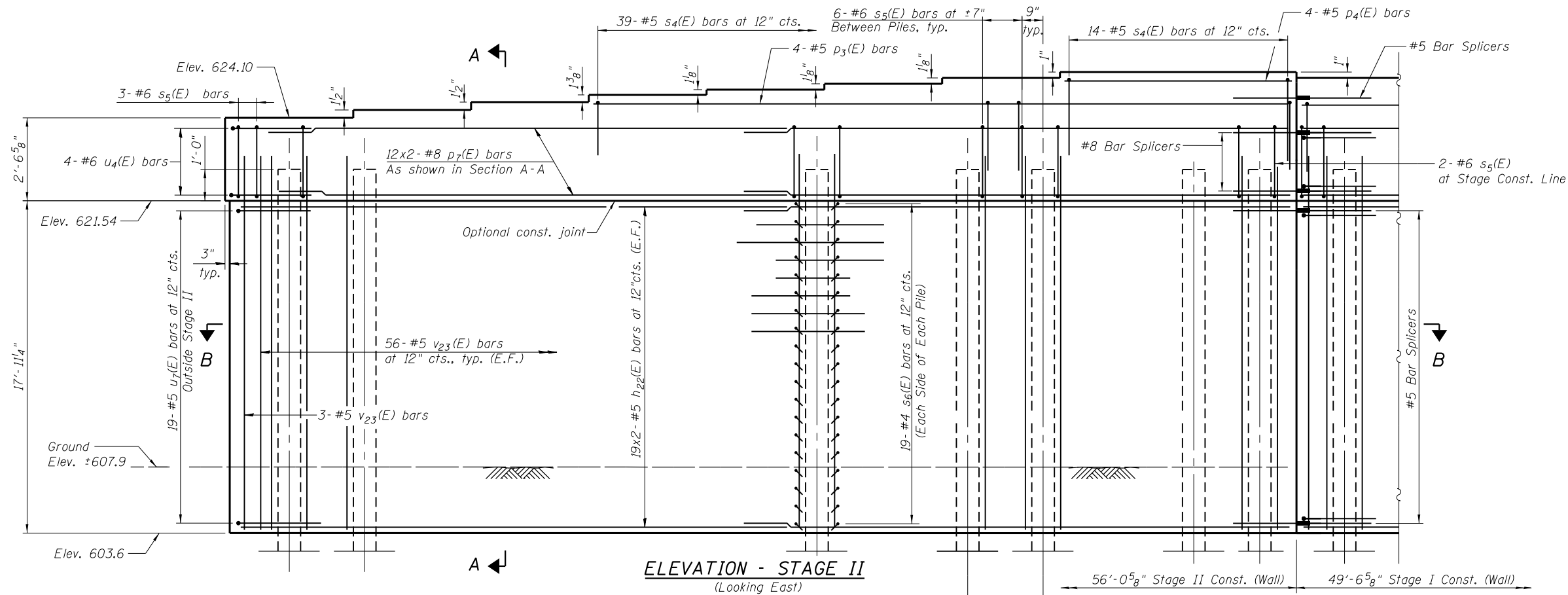


TOP PLAN - STAGE II

BEARING SEAT ELEVATION TABLE - STAGE II

| Beam No. | ℄ Brg. |
|----------|--------|
| 1 | 624.11 |
| 2 | 624.24 |
| 3 | 624.37 |
| 4 | 624.49 |
| 5 | 624.59 |
| 6 | 624.69 |
| 7 | 624.79 |
| 8 | 624.88 |
| 9 | 624.88 |



ELEVATION - STAGE II (Looking East)

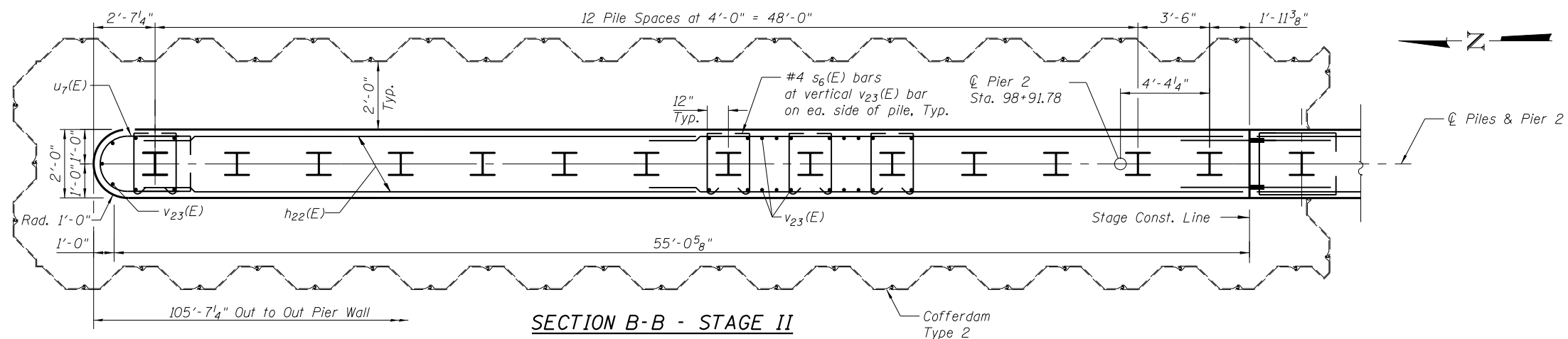
PILE DATA - STAGE II

Type: HP 12x53 with Pile Shoes
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 230 kips
 Est. Length: 46'
 No. Production Piles: 14
 No. Test Piles: 0

Notes:
 Space reinforcement in cap to miss anchor bolts. Pour steps monolithically with cap.
 See sheet 52 of 62 for details of piles.
 See sheet 53 of 62 for Bar Splicer Details.
 See sheet 51 of 62 for Section A-A and Anchor Bolt Layout.
 Bars indicated thus 19x2-#5 etc. indicates 19 line of bars with 2 lengths per line.
 E.F. Denotes Each Face.

MINIMUM BAR LAP

#5 Bars = 2'-11"
 #8 Bars = 6'-2"



SECTION B-B - STAGE II

FILE NAME = W:\191-130-1001-1164\CADD_Sheets\Structure\1160J11-1st-39a_Pier 2.dgn

Bollinger, Lach & Associates, Inc.
 ITASCA, ILLINOIS

| | | |
|-----------------------|----------------|---------|
| USER NAME = | DESIGNED - JMT | REVISED |
| PLOT SCALE = | CHECKED - JJI | REVISED |
| PLOT DATE = 8/16/2013 | DRAWN - GM | REVISED |
| | CHECKED - JJI | REVISED |

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PIER 2 - STAGE II
 STRUCTURE NO. 016-3035

| | | | | |
|--------------------|------------------|-------------|------------------|---------------|
| F.A.P. RTE. 307 | SECTION 541Y-3-B | COUNTY COOK | TOTAL SHEETS 143 | SHEET NO. 111 |
| CONTRACT NO. 60J11 | | | | |