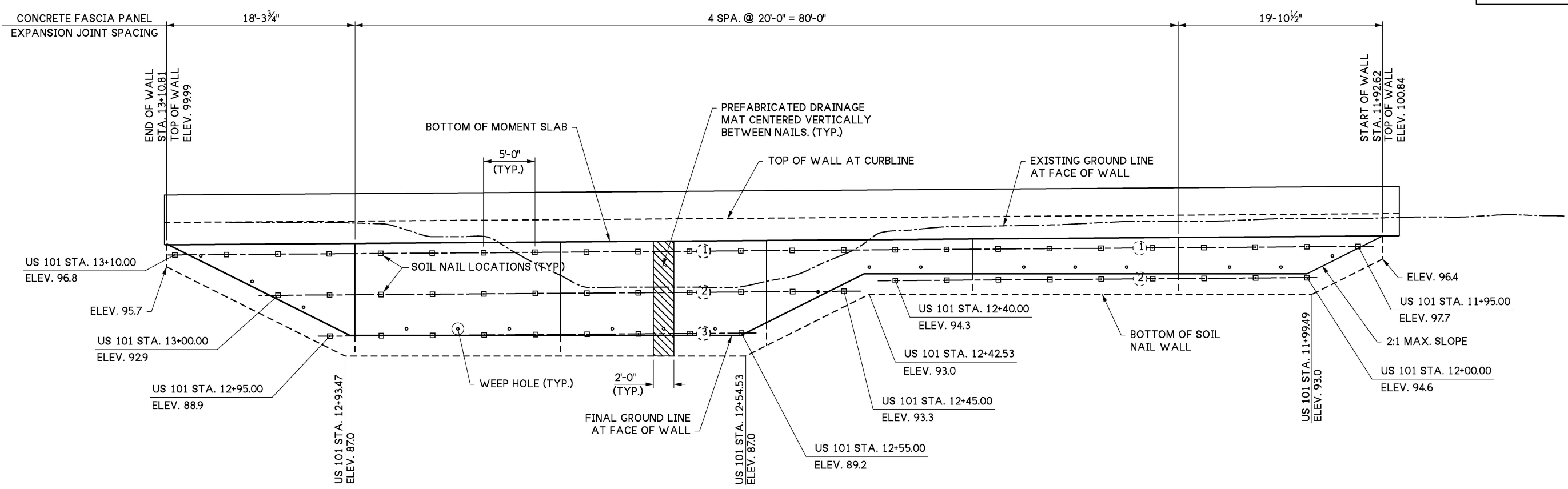


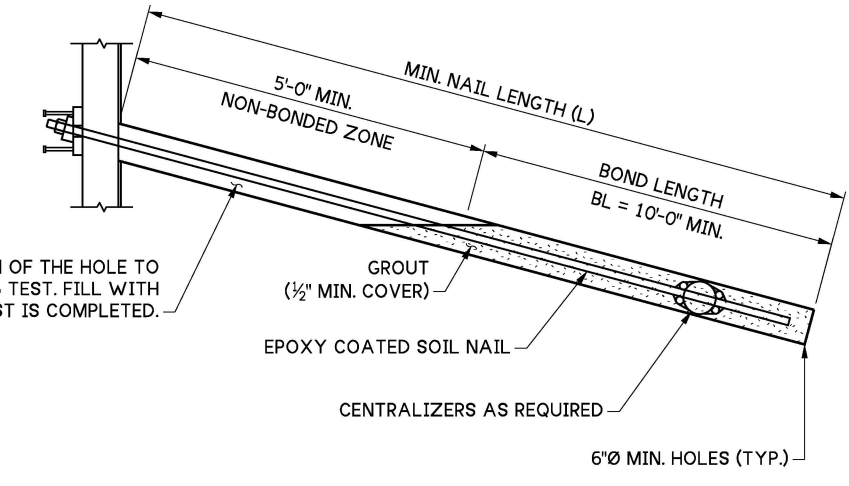
LAST REVISED: 06/11/2025

| NAIL SCHEDULE | | | | | | | |
|------------------------|-----|----|----------|---|-------|-----------------------|------|
| STA. ALONG US 101 LINE | ROW | L | α | S | BAR # | BAR STEEL GRADE (KSI) | DLT |
| 11+92.62 TO 13+10.81 | ALL | 18 | 15 | 5 | 6 | 60 | 1000 |

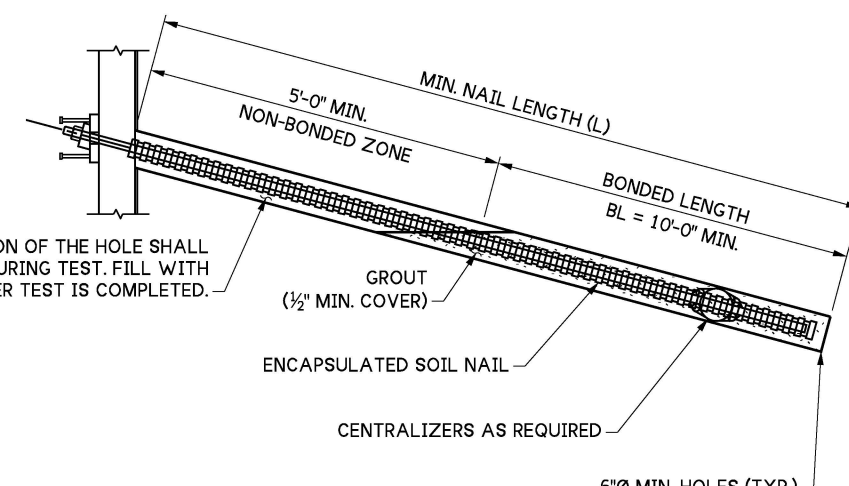
| LEGEND |
|-------------------------------------|
| L = MINIMUM NAIL LENGTH (FT.) |
| α = NAIL DECLINATION (DEG.) |
| S = HORIZONTAL SPACING OF NAILS |
| BAR # = MIN. STEEL BAR SIZE |
| DLT = DESIGN LOAD TRANSFER (LB/FT.) |
| ⊙ = PROOF NTEST NAILS |
| ⊠ = PRODUCTION NAILS |



ELEVATION



EXPOXY COATED TEST NAIL DETAIL
 TL = TEST LOAD = (BOND LENGTH) x (DESIGN LOAD TRANSFER (DLT))



ENCAPSULATED TEST NAIL DETAIL
 TL = TEST LOAD = (BOND LENGTH) x (DESIGN LOAD TRANSFER (DLT))

8.1-A4-1

| | | | |
|-------------------|---------------------------------------|------|----|
| FILE NAME | 8.1-A4-1_Soil Nail Wall Elevation.dgn | | |
| BRIDGE DES. ENG. | | | |
| BRIDGE PROJ. ENG. | | | |
| SUPERVISOR | | | |
| DESIGNED BY | | | |
| CHECKED BY | | | |
| ENTERED BY | | | |
| PRELIM. PLAN BY | | | |
| ARCH. / SPEC. | | | |
| | REVISION | DATE | BY |

| | |
|--------------|-------|
| REGION NO. | STATE |
| 10 | WASH |
| JOB NUMBER | |
| CONTRACT NO. | |



| | |
|------------------------------|------------------------------|
| SEE CERTIFICATION SHEET DATE | SEE CERTIFICATION SHEET DATE |
| STAMP BOX | STAMP BOX |

| |
|---|
| STANDARD DESIGN DRAWINGS SOIL NAIL WALLS |
| SOIL NAIL WALL ELEVATION DETAILS 1 OF 4 |

| |
|-----------------|
| PLAN REF NO |
| SHEET OF SHEETS |