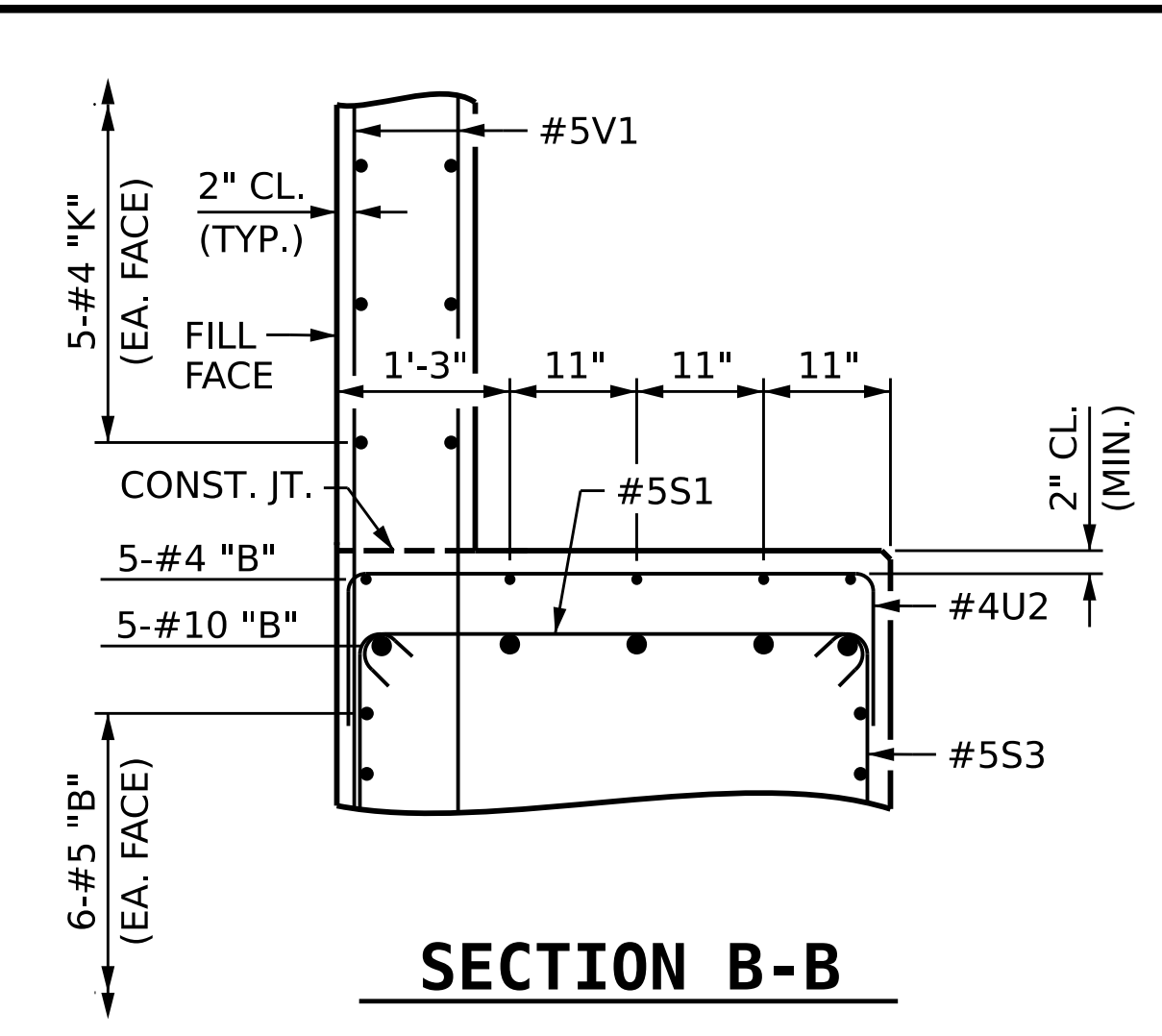
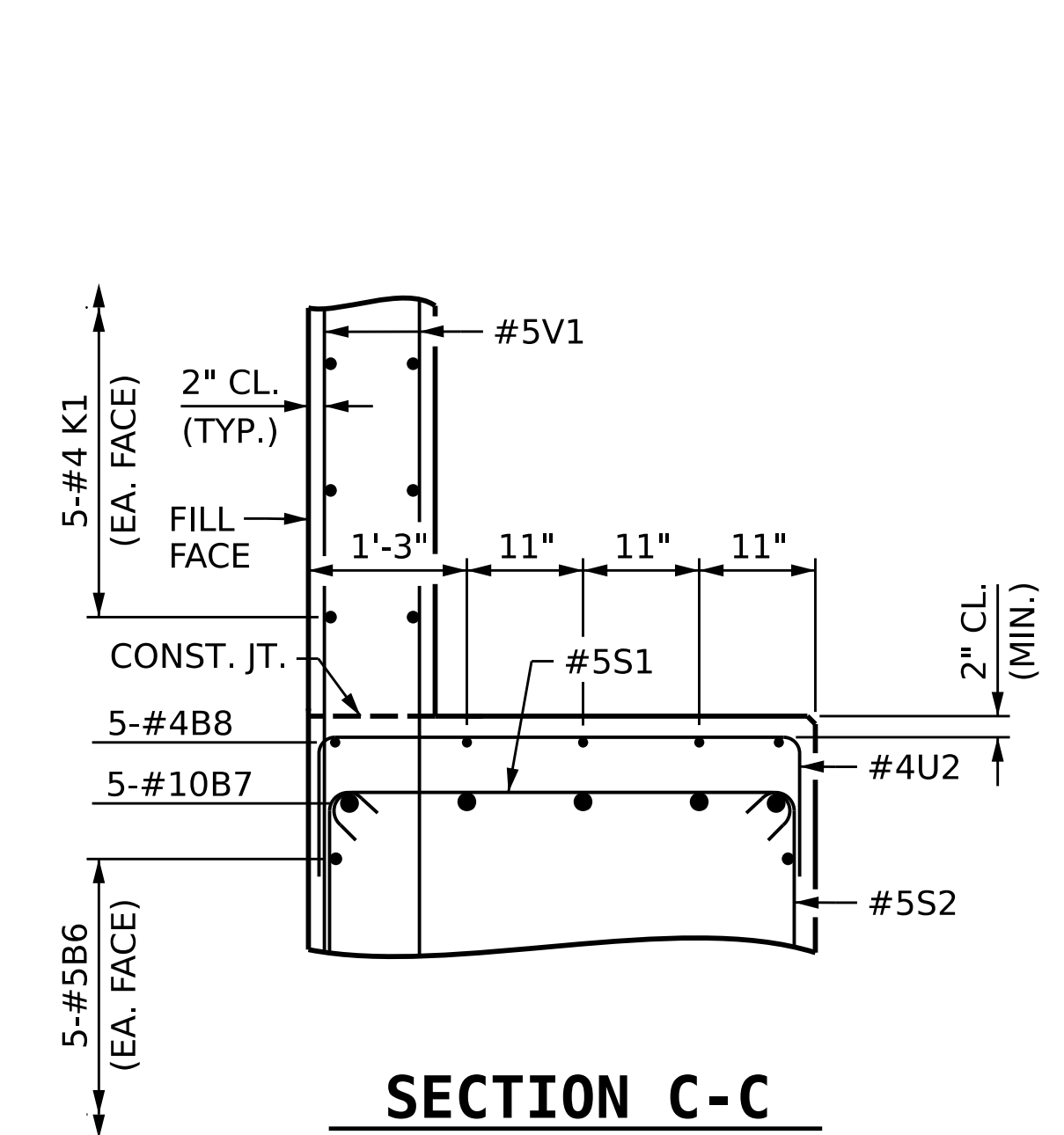


SECTION A-A



SECTION B-B



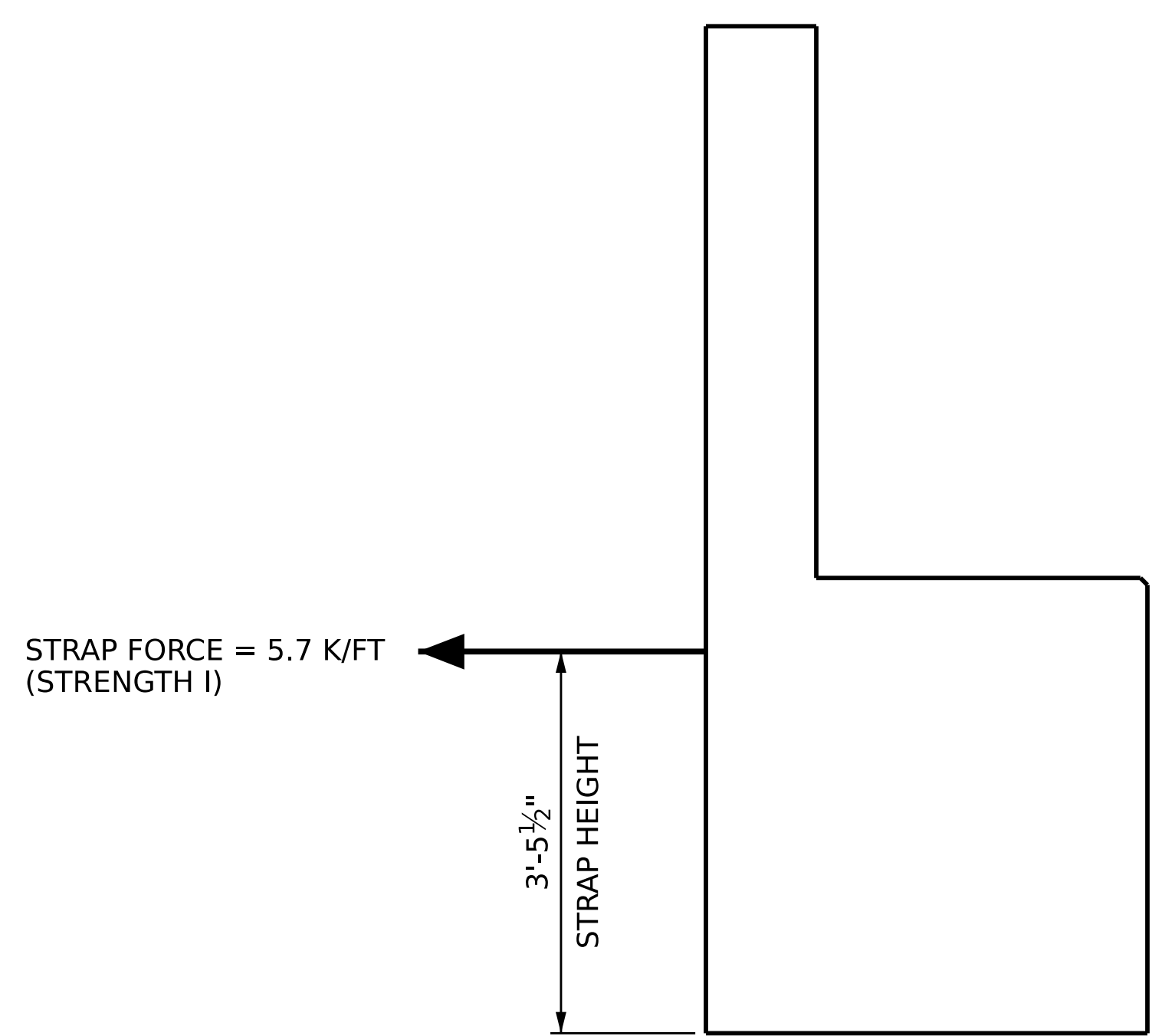
SECTION C-C

BAR TYPES

| BAR | DIM. "X" |
|-----|----------|
| B1 | 43'-2" |
| B2 | 45'-5" |
| B3 | 43'-9" |
| B4 | 46'-3" |
| B5 | 44'-6" |
| B7 | 26'-0" |
| B15 | 52'-11" |
| B16 | 50'-8" |
| B17 | 52'-4" |
| B18 | 49'-9" |
| B19 | 51'-6" |
| B25 | 36'-10" |

ALL BAR DIMENSIONS ARE OUT TO OUT.

| BILL OF MATERIAL | | | | | | | | | | | | |
|-------------------------------------|-----|------|------|---------|------------|-------------------------------------|-----|------|------|---------|-----------|------------|
| END BENT 2 | | | | | | | | | | | | |
| STAGE I | | | | | STAGE II | | | | | | | |
| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT | BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT | |
| B1 | 1 | 10 | 1 | 44'-7" | 192 | B15 | 1 | 10 | 1 | 54'-4" | 234 | |
| B2 | 1 | 10 | 1 | 46'-10" | 202 | B16 | 1 | 10 | 1 | 52'-1" | 224 | |
| B3 | 1 | 10 | 1 | 45'-2" | 194 | B17 | 1 | 10 | 1 | 53'-9" | 231 | |
| B4 | 1 | 10 | 1 | 47'-8" | 205 | B18 | 1 | 10 | 1 | 51'-2" | 220 | |
| B5 | 1 | 10 | 1 | 45'-11" | 198 | B19 | 1 | 10 | 1 | 52'-11" | 228 | |
| B6 | 20 | 5 | STR | 24'-11" | 520 | B20 | 20 | 5 | STR | 28'-6" | 595 | |
| B7 | 5 | 10 | 1 | 27'-5" | 590 | B21 | 2 | 5 | STR | 20'-4" | 42 | |
| B8 | 5 | 4 | STR | 16'-8" | 56 | B22 | 3 | 10 | STR | 26'-4" | 340 | |
| B9 | 3 | 10 | STR | 27'-6" | 355 | B23 | 5 | 4 | STR | 4'-8" | 16 | |
| B10 | 2 | 10 | STR | 29'-6" | 254 | B24 | 10 | 4 | STR | 10'-5" | 70 | |
| B11 | 5 | 4 | STR | 3'-3" | 11 | B25 | 5 | 10 | 1 | 38'-3" | 823 | |
| B12 | 8 | 4 | STR | 24'-7" | 131 | B26 | 14 | 4 | STR | 3'-8" | 34 | |
| B13 | 2 | 5 | STR | 23'-8" | 49 | B27 | 2 | 10 | STR | 24'-4" | 209 | |
| B14 | 5 | 4 | STR | 3'-8" | 12 | B28 | 8 | 4 | STR | 28'-3" | 151 | |
| B26 | 11 | 4 | STR | 3'-8" | 27 | | | | | | | |
| H1 | 24 | 4 | 2 | 8'-8" | 139 | H2 | 24 | 4 | 3 | 8'-11" | 143 | |
| K1 | 20 | 4 | STR | 23'-6" | 314 | K2 | 4 | 4 | STR | 4'-2" | 11 | |
| K2 | 4 | 4 | STR | 4'-2" | 11 | K3 | 20 | 4 | STR | 28'-3" | 377 | |
| S1 | 51 | 5 | 4 | 4'-7" | 244 | S1 | 64 | 5 | 4 | 4'-7" | 306 | |
| S2 | 19 | 5 | 5 | 11'-9" | 233 | S2 | 32 | 5 | 5 | 11'-9" | 392 | |
| S3 | 32 | 5 | 5 | 12'-7" | 420 | S3 | 32 | 5 | 5 | 12'-7" | 420 | |
| S4 | 28 | 4 | 6 | 6'-6" | 122 | S4 | 32 | 4 | 6 | 6'-6" | 139 | |
| U1 | 38 | 4 | 7 | 4'-8" | 118 | U1 | 49 | 4 | 7 | 4'-8" | 153 | |
| U2 | 18 | 4 | 7 | 6'-2" | 74 | U2 | 18 | 4 | 7 | 6'-2" | 74 | |
| V1 | 76 | 5 | STR | 8'-1" | 641 | V1 | 98 | 5 | STR | 8'-1" | 826 | |
| V2 | 26 | 5 | STR | 10'-5" | 282 | V3 | 26 | 5 | STR | 10'-1" | 273 | |
| REINFORCING STEEL | | | | | 5,594 LBS. | REINFORCING STEEL | | | | | | 6,531 LBS. |
| CLASS A CONCRETE | | | | | | CLASS A CONCRETE | | | | | | |
| POUR #1 (CAP & LOWER WINGWALL) | | | | | 29.4 C.Y. | POUR #1 (CAP & LOWER WINGWALL) | | | | | 35.6 C.Y. | |
| POUR #2 (BACKWALL & UPPER WINGWALL) | | | | | 9.2 C.Y. | POUR #2 (BACKWALL & UPPER WINGWALL) | | | | | 11.3 C.Y. | |
| TOTAL | | | | | 38.6 C.Y. | TOTAL | | | | | | 46.9 C.Y. |



STRAP FORCE

SEE WALL PLANS AND SPECIAL PROVISIONS

PROJECT NO. BR-0041
ROCKINGHAM COUNTY
 STATION: POT 34+73.00 -L-
 SHEET 5 OF 5

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|-----------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | SHEET NO. |
| 1 | | | 3 | | | 5-44 |
| 2 | | | 4 | | | TOTAL SHEETS 48 |

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

| | | | |
|-----------------------------|--------------|--------|---------|
| DRAWN BY : | D.R. DRUM | DATE : | 09/2022 |
| CHECKED BY : | S. NATARAJAN | DATE : | 10/2022 |
| DESIGN ENGINEER OF RECORD : | G. COLS | DATE : | 12/2022 |