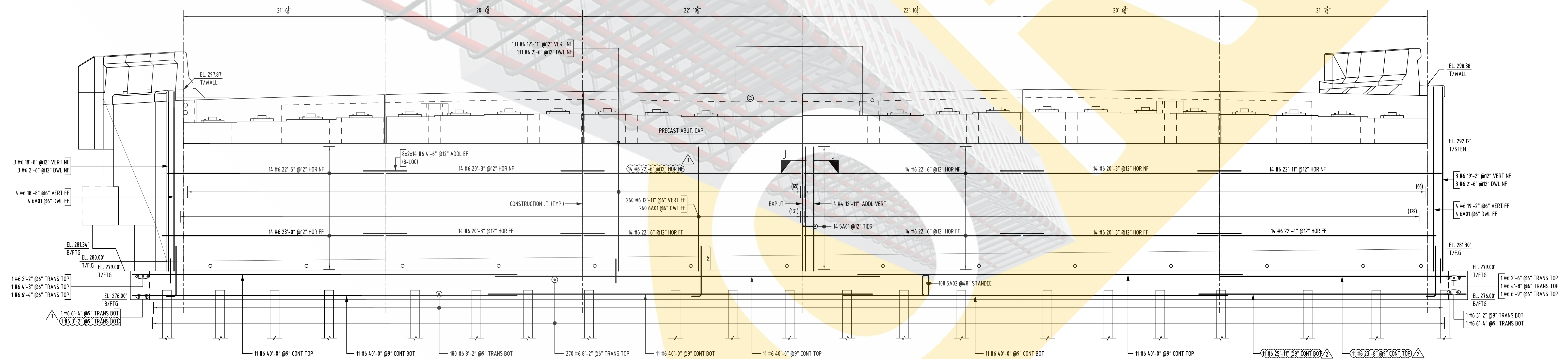
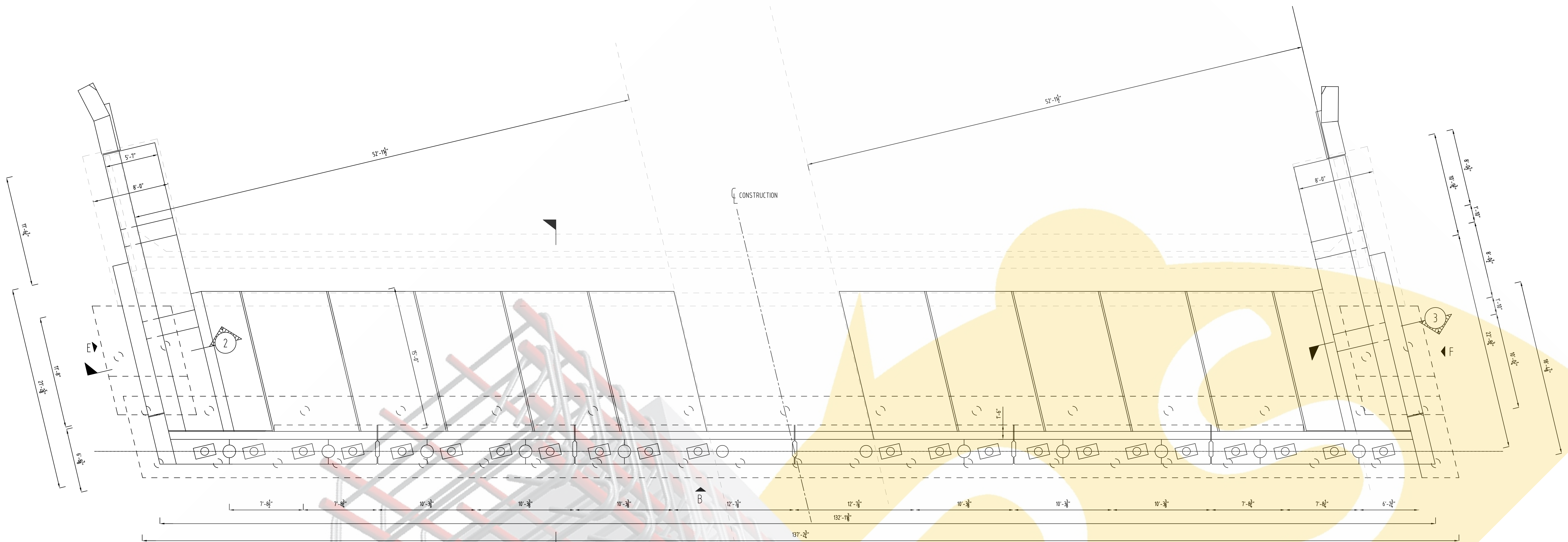


WEST ABUTMENT LAYOUT
 SCALE: 1/5"=1'-0"
 SDR: 10 OF 29

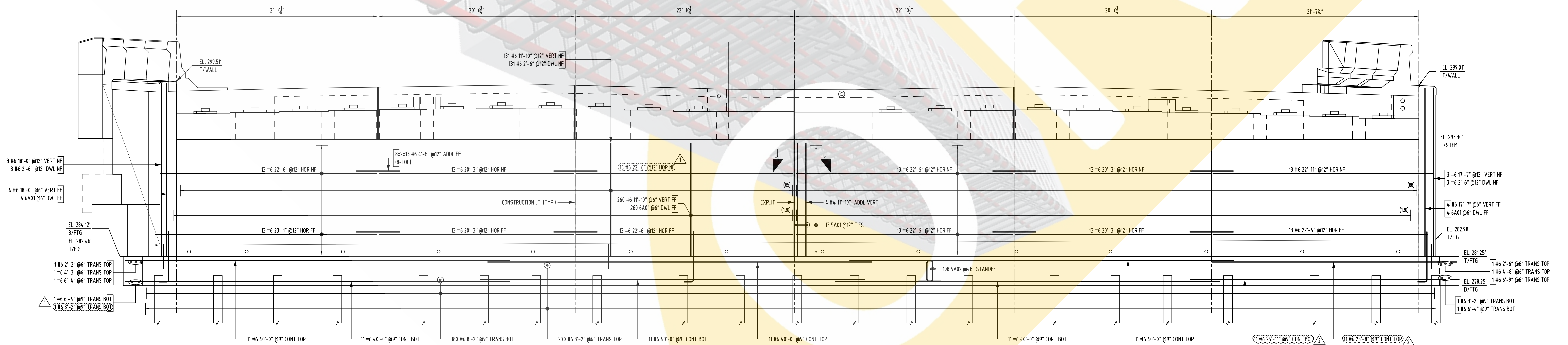


WEST ABUTMENT
 ELEVATION
 SCALE: 1/5"=1'-0"
 SDR: 10 OF 29

ONCE REBAR SERVICES

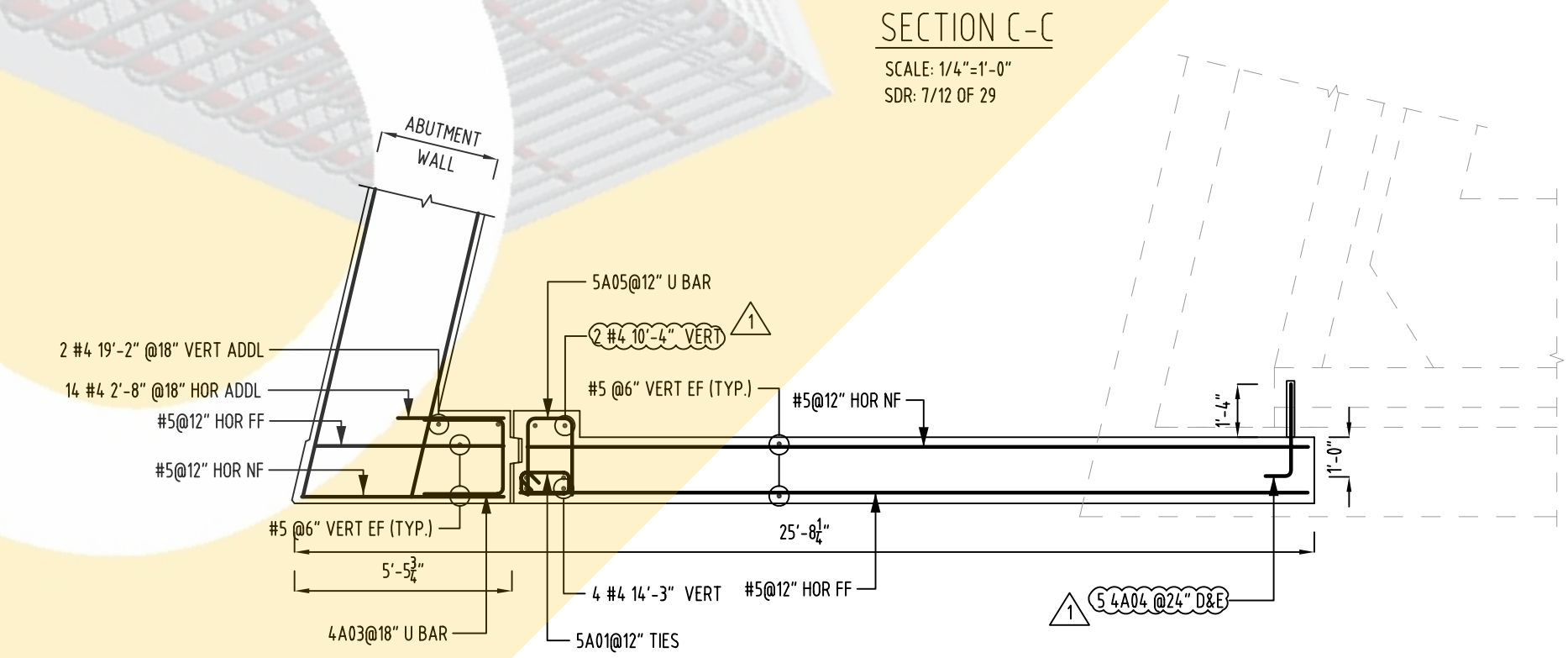
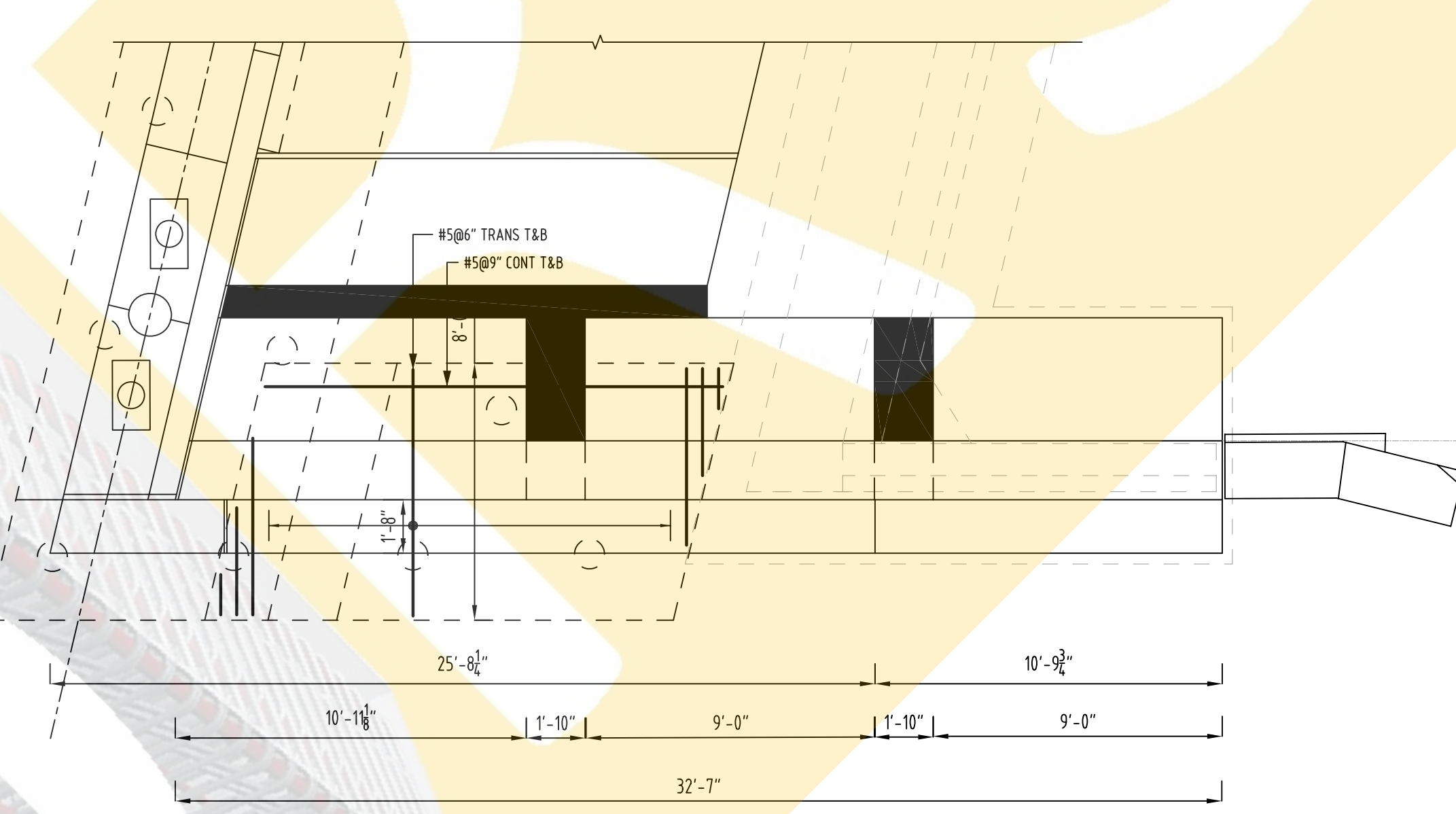
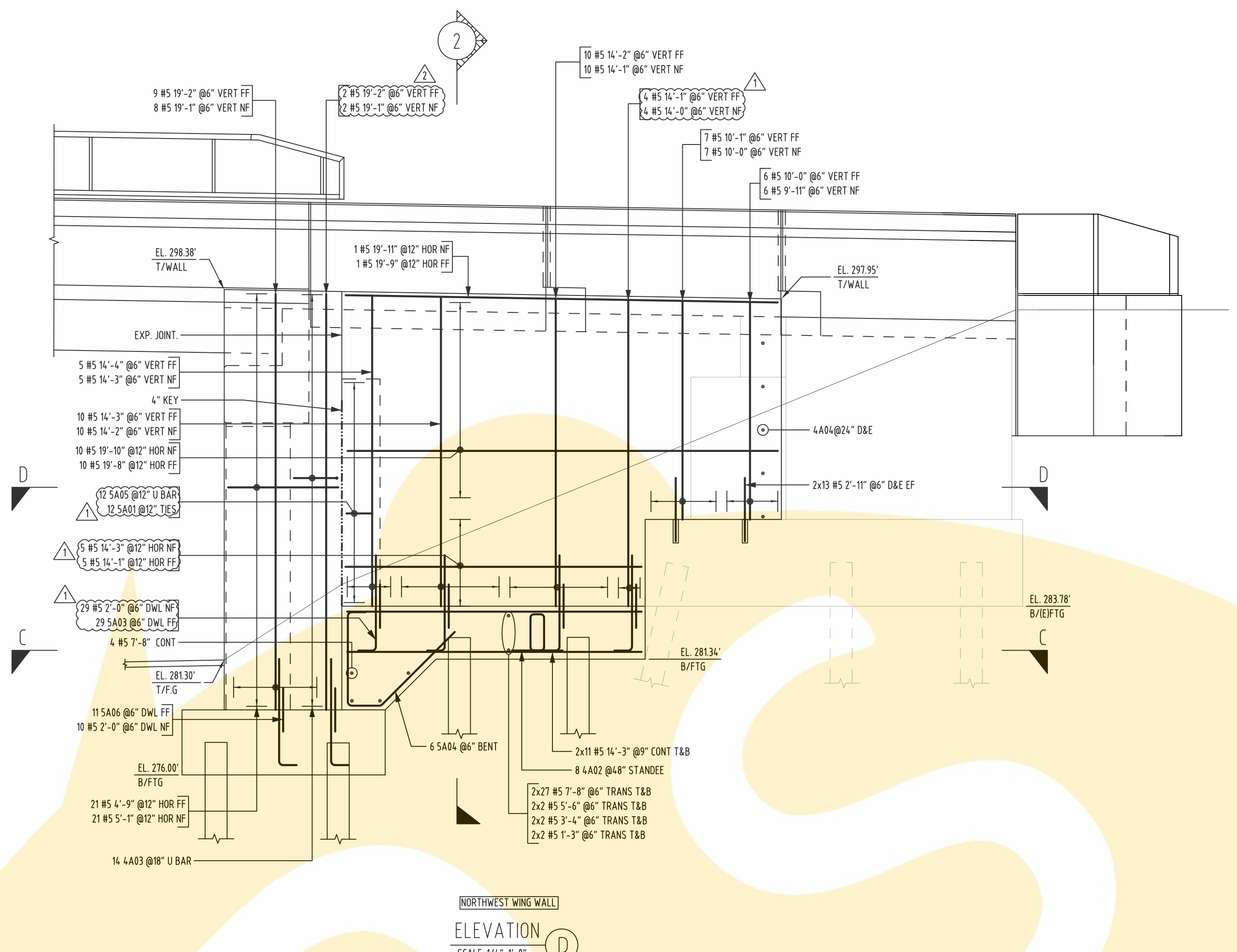
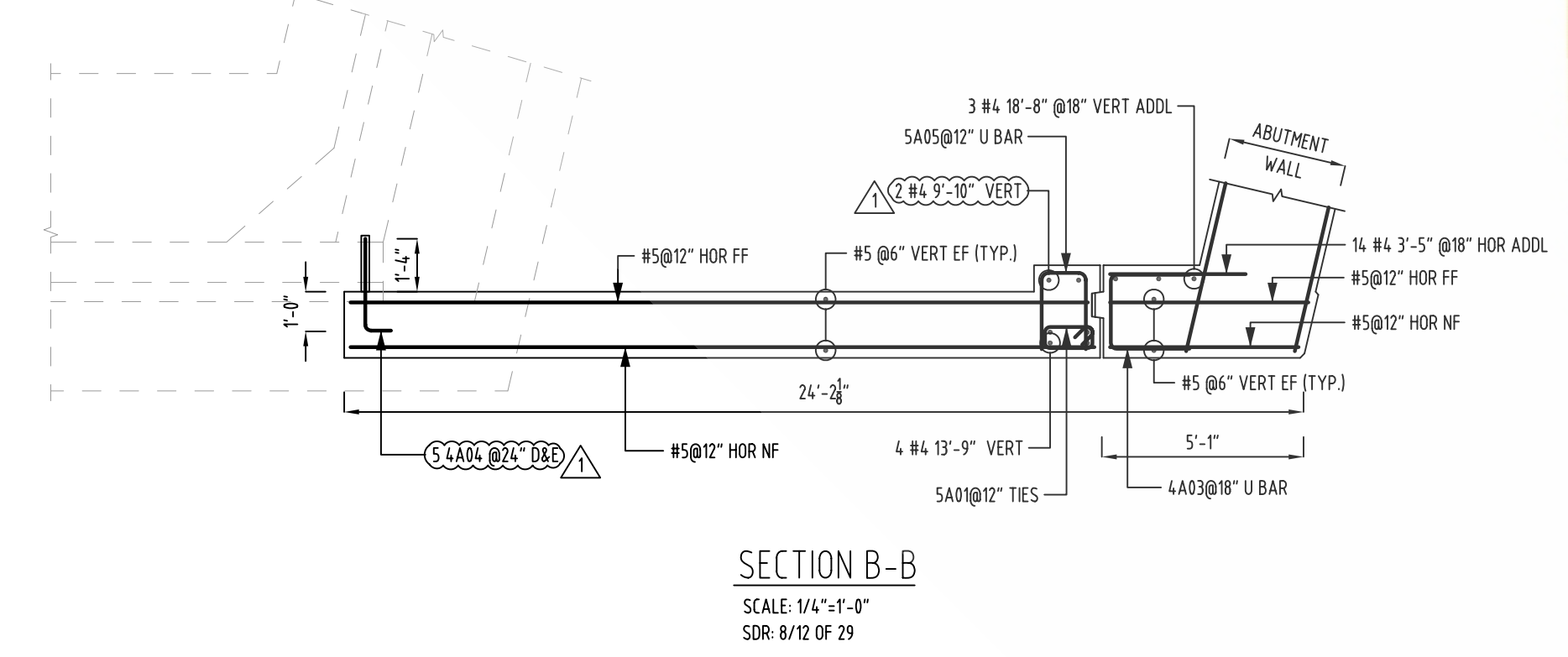
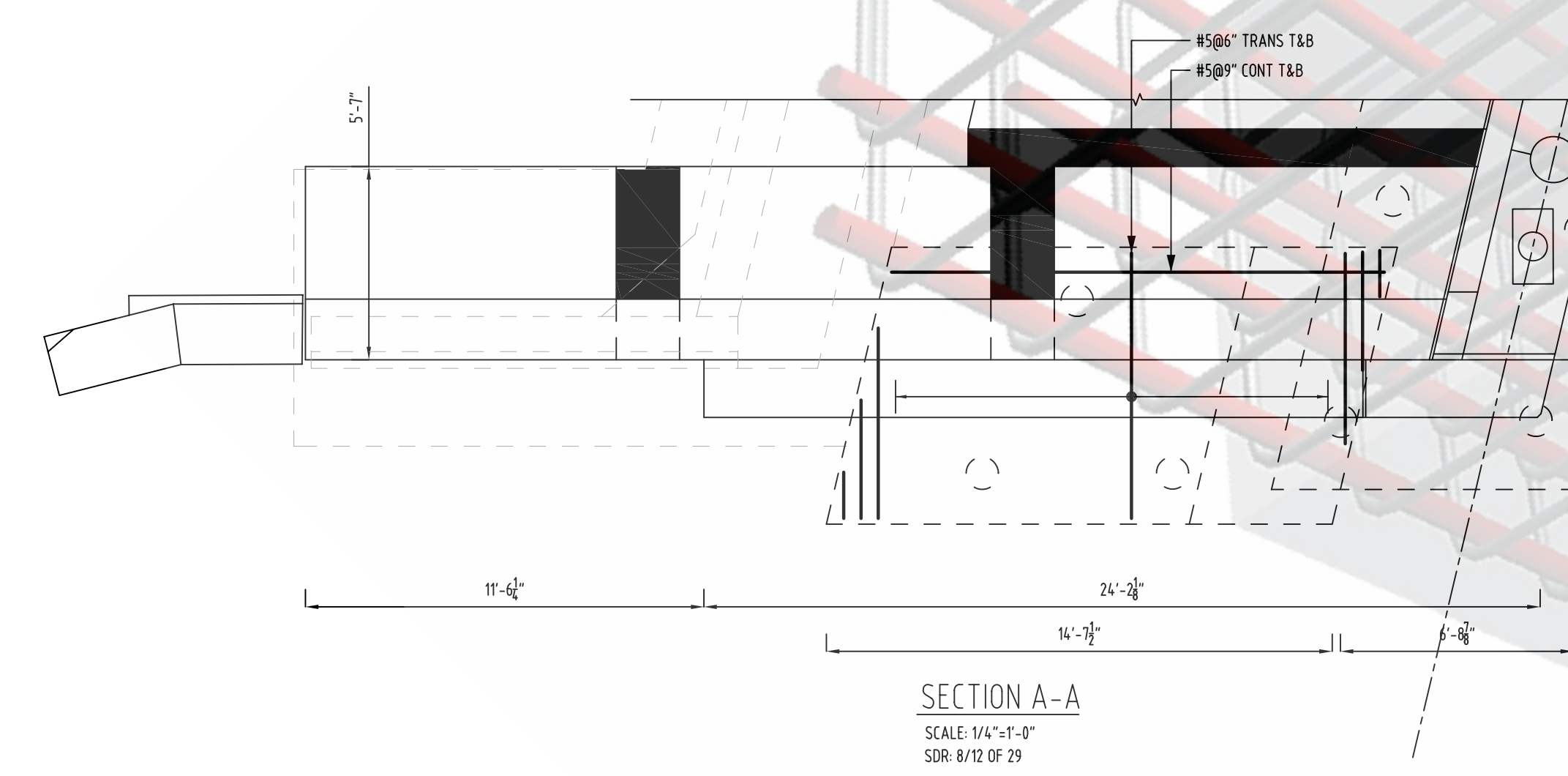
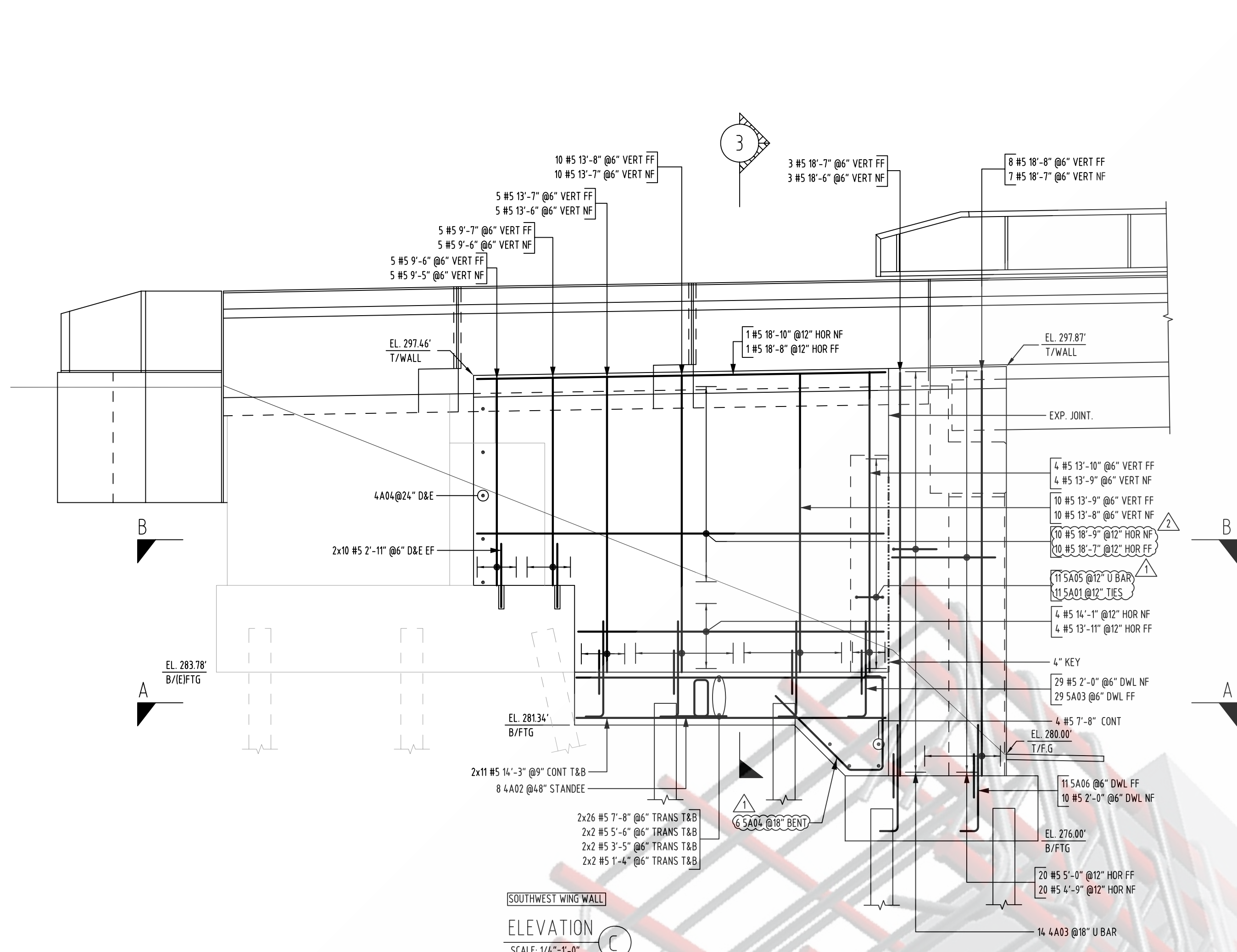


EAST ABUTMENT LAYOUT
SCALE: 1/5"=1'-0"
SDR: 11 OF 29

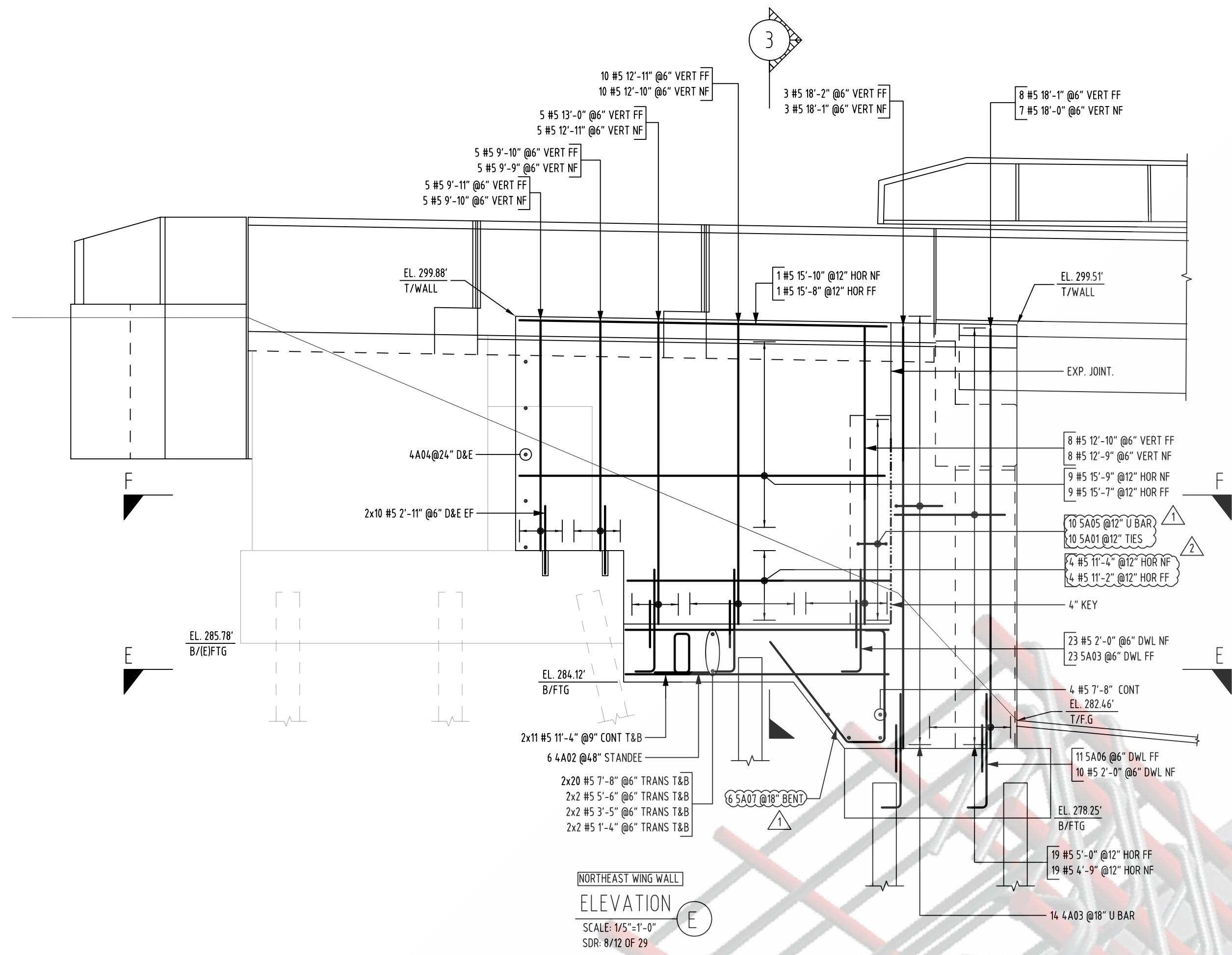


EAST ABUTMENT
ELEVATION
SCALE: 1/5"=1'-0"
SDR: 11 OF 29

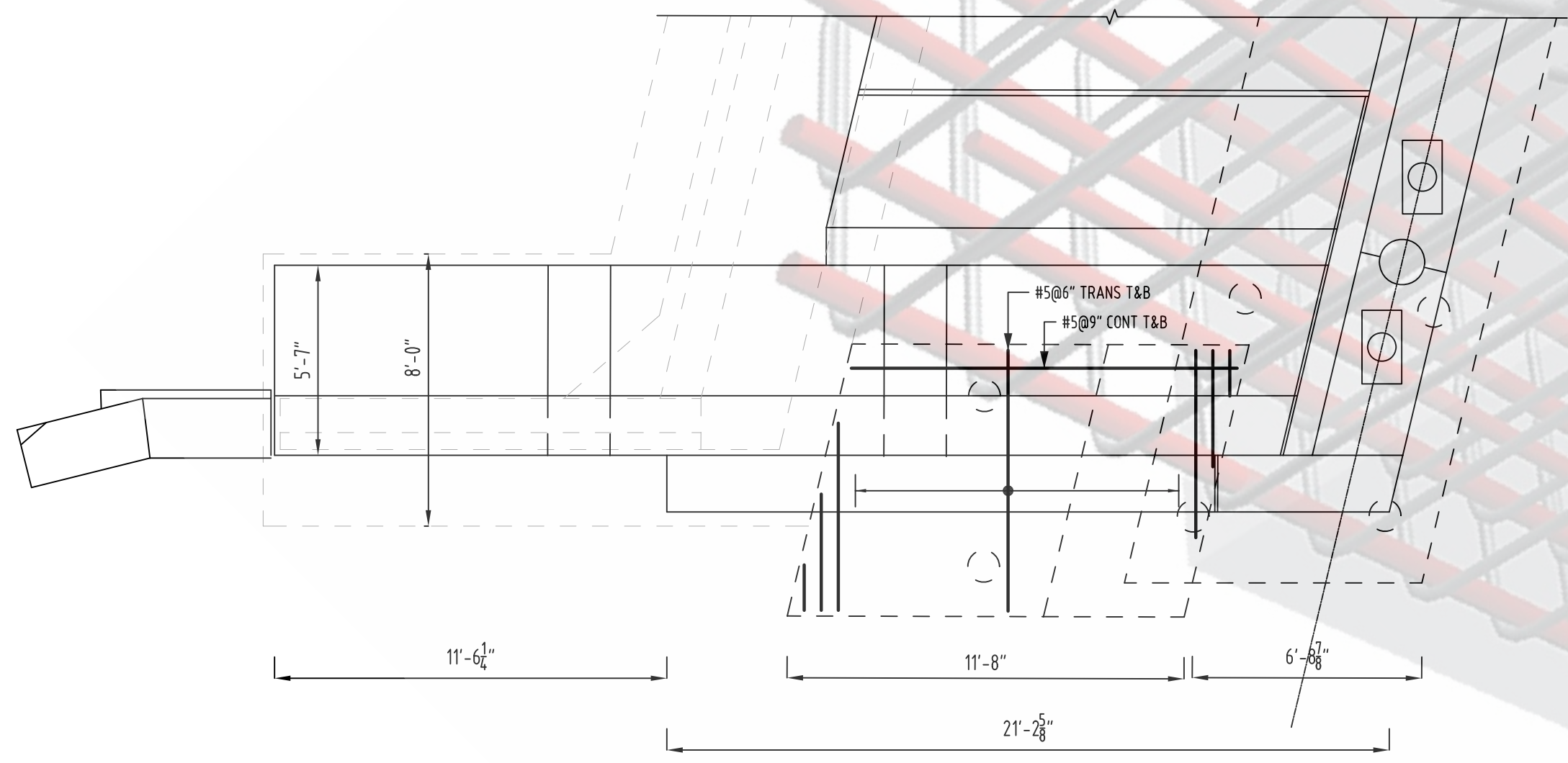
ONCE REBAR SERVICES



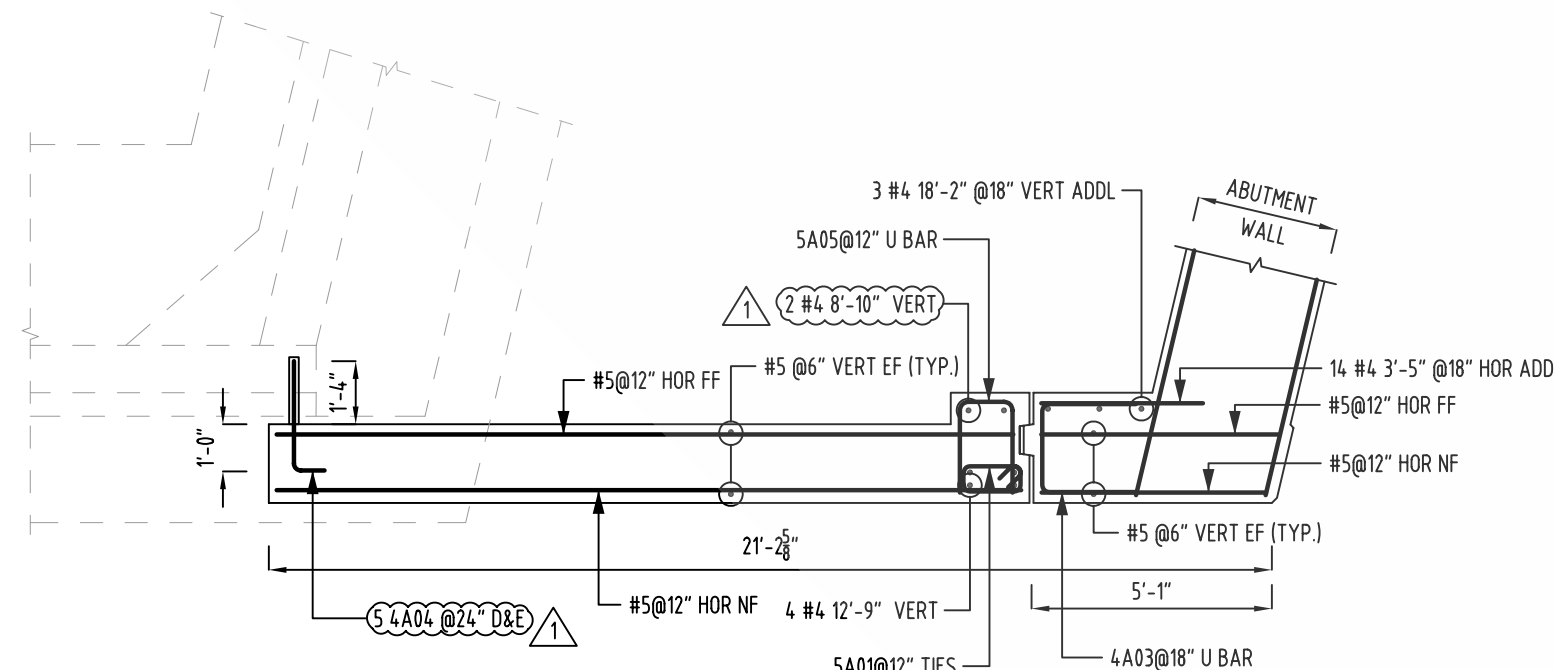
ONCE REBAR SERVICES



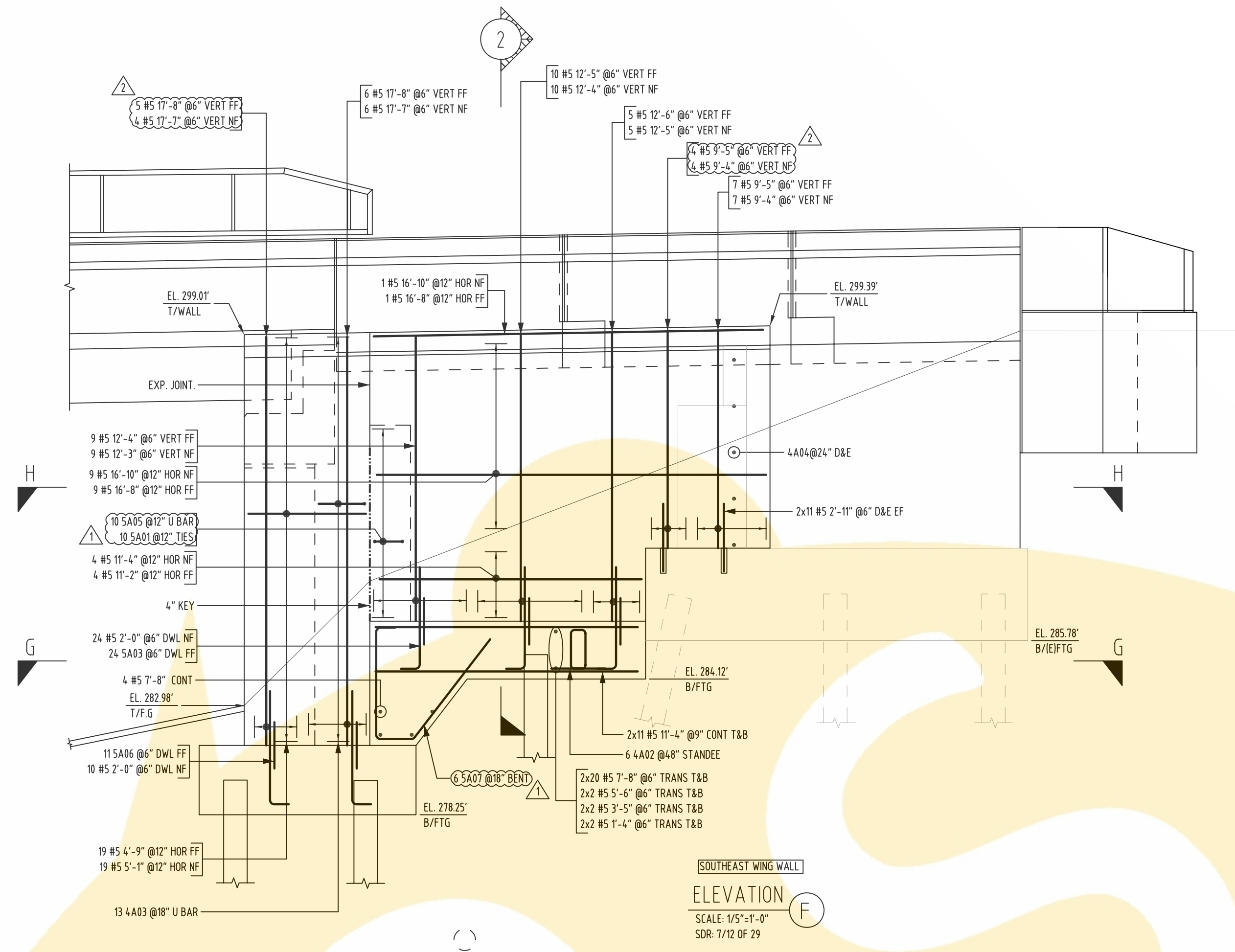
NORTHEAST WING WALL
ELEVATION E
 SCALE: 1/4"=1'-0"
 SDR: 8/12 OF 29



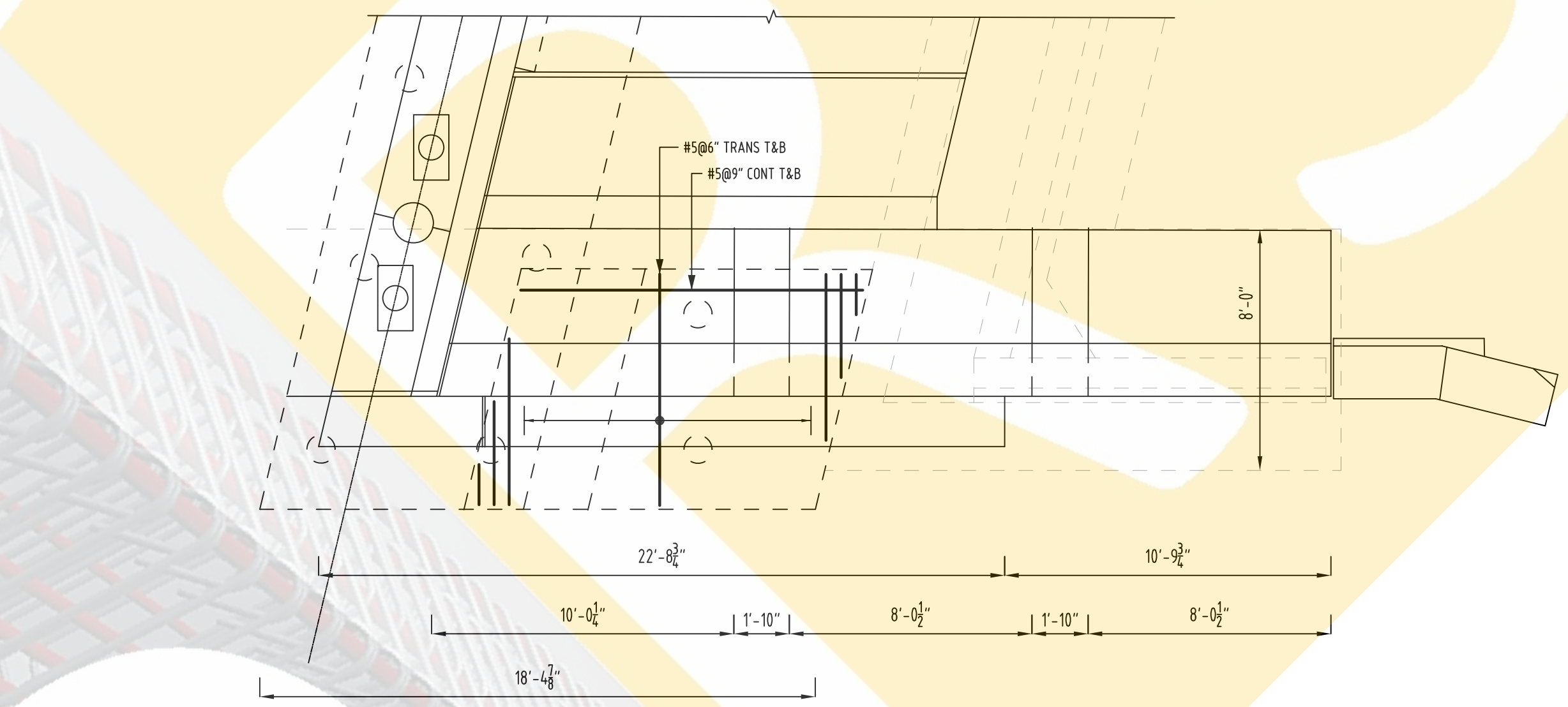
SECTION E-E
 SCALE: 1/4"=1'-0"
 SDR: 8/12 OF 29



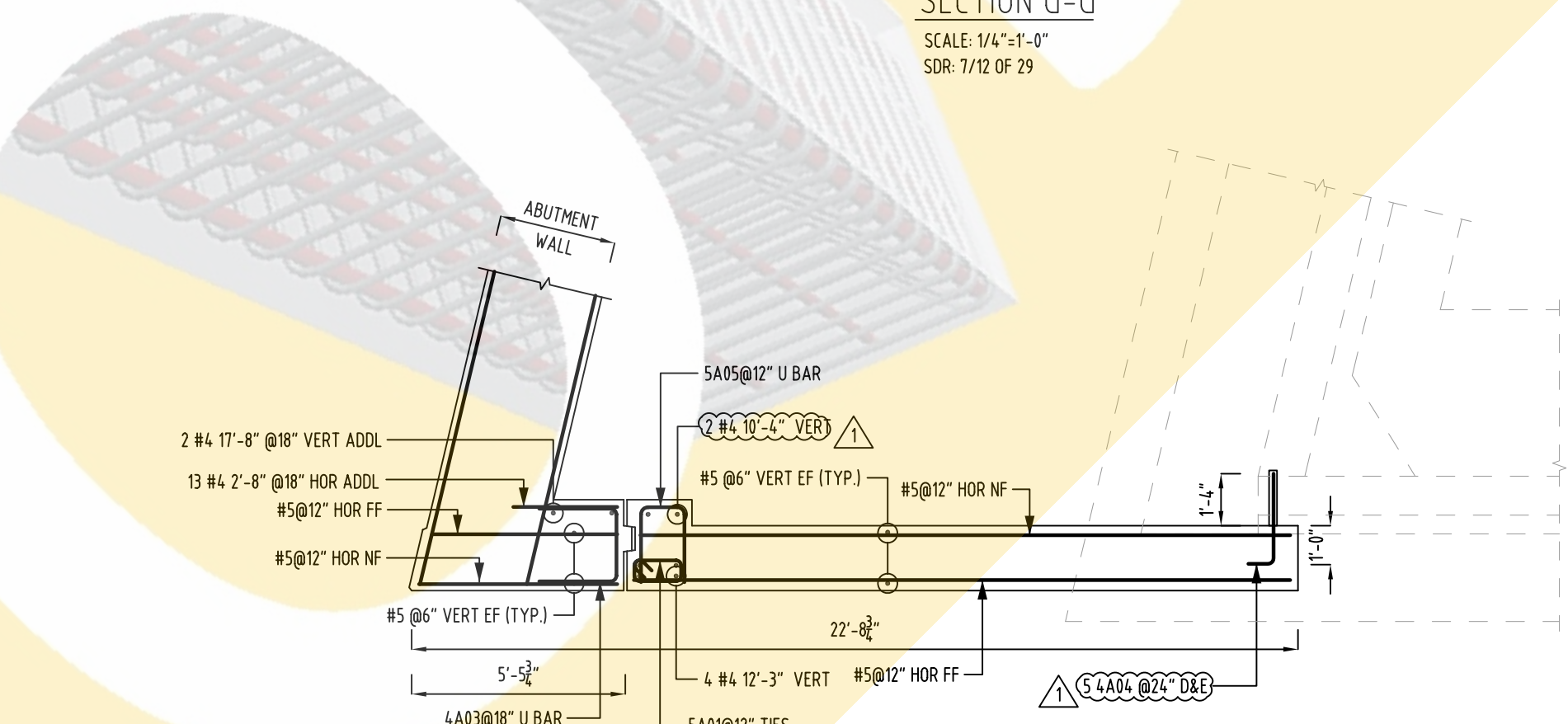
SECTION F-F
 SCALE: 1/4"=1'-0"
 SDR: 8/12 OF 29



SOUTHEAST WING WALL
ELEVATION F
 SCALE: 1/4"=1'-0"
 SDR: 7/12 OF 29



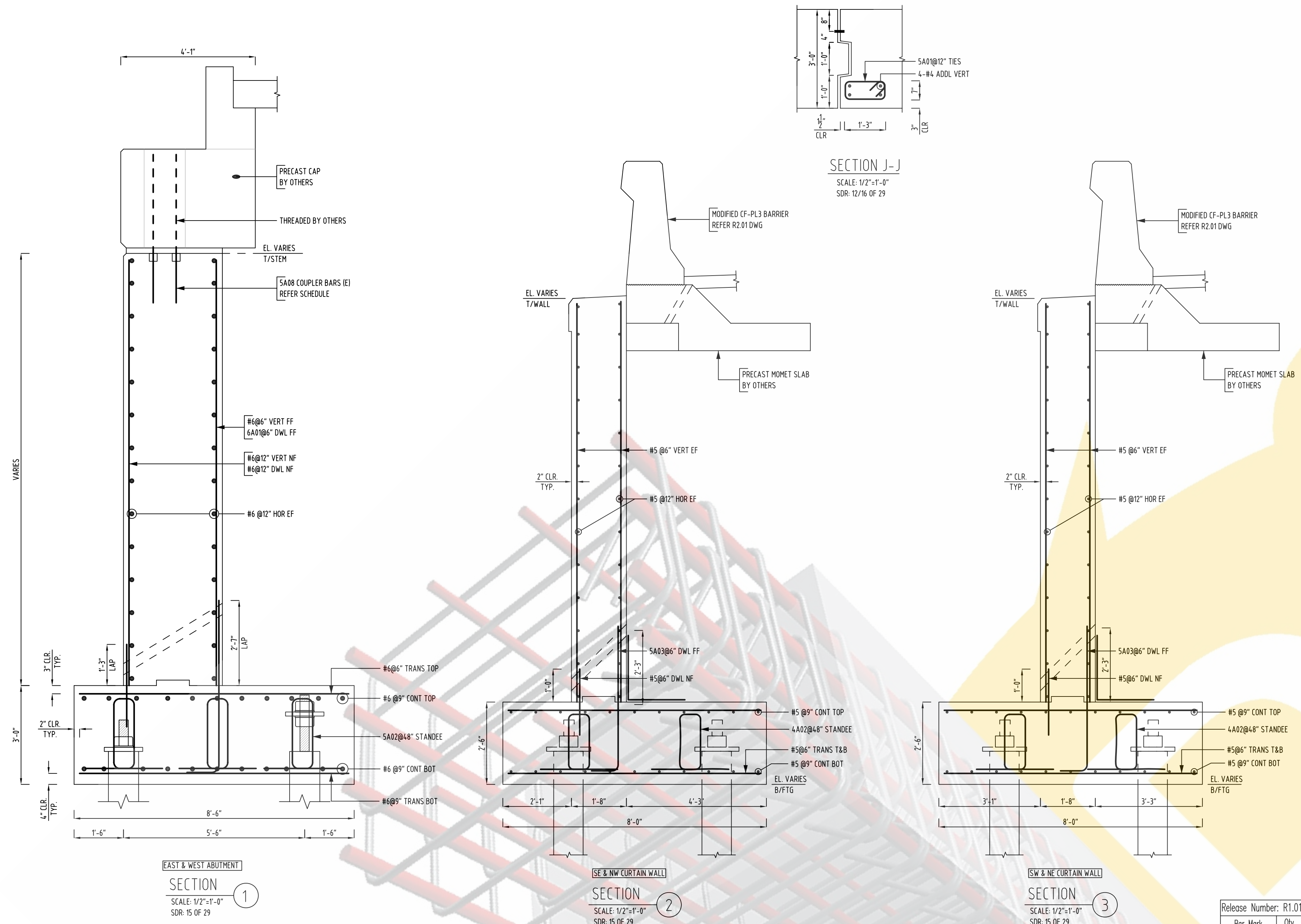
SECTION G-G
 SCALE: 1/4"=1'-0"
 SDR: 7/12 OF 29



SECTION H-H
 SCALE: 1/4"=1'-0"
 SDR: 7/12 OF 29

ONCE REBAR SERVICES

ONCE REBAR SERVICES



| ABBREVIATIONS | |
|----------------|-------|
| ADDITIONAL | ADDL |
| BOTTOM | BOT |
| CONTINUOUS | CONT |
| CORNER BAR | COR |
| DOWEL | DWL |
| TOP & BOTTOM | T&B |
| BOND BEAM | BB |
| SUPPORT BAR | SB |
| HORIZONTAL | HOR |
| TRANSVERSE | TRANS |
| TEMPERATURE | TEMP |
| VERTICAL | VERT |
| STIRRUPS | STIRR |
| INTERSECTION | INTER |
| EACH FACE | EF |
| INNER FACE | IF |
| OUTER FACE | OF |
| FACE BAR | FB |
| LONG WAY BAR | LW |
| SHORT WAY BAR | SW |
| EACH WAY | EW |
| DOWEL/VERTICAL | D/V |
| DRILL & EPOXY | D&E |
| DRILL DOWEL | DD |
| EACH SIDE | ES |
| EACH END | EE |

| ABBREVIATIONS | |
|--------------------|----------|
| REINFORCEMENT | REINF |
| RE-ENTRANT | RE-ENT |
| COLUMN | COL |
| FOOTING | FTG |
| CONCRETE | CONC |
| TOP OF FOOTING | T/FTG |
| BOTTOM OF FTG | B/FTG |
| TOP OF SLAB | T/SLAB |
| TOP OF COLUMN | T/COLUMN |
| TOP OF WALL | T/WALL |
| GRADE BEAM | GB |
| NUMBERS | NOS |
| TYPICAL | TYP |
| SIMILAR | SIM |
| EXPANSION JOINT | EJ |
| CONTROL JOINT | CJ |
| CONSTRUCTION JOINT | CNJ |
| CMU DOWEL | CMU DWL |
| WALL DOWEL | W DWL |
| SLAB DOWEL | S DWL |
| COLUMN DOWEL | C DWL |
| ELEVATION | EL |
| SECTION | SEC |
| OPENING | OPNG |
| PERIMETER | PERI |
| DIAGONAL | DIG |

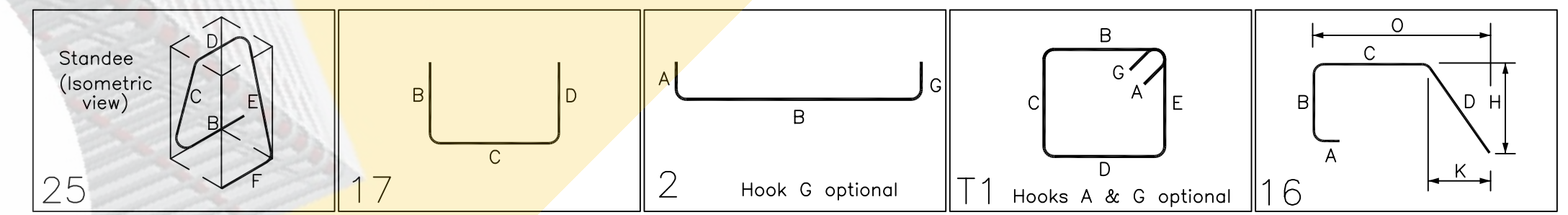
| Release Number: R1.01-R1.05 (A775) | | BENDING DETAILS | | | | | | | | | | | | | | | |
|------------------------------------|-----|-----------------|--------------|------|-----|------------|------------|------------|-----------|-------|-----|-----|-----------|-----|------------|------------|--|
| Bar Mark | Qty | Size | Total Length | Type | 'A' | 'B' | 'C' | 'D' | 'E' | 'F' | 'G' | 'H' | 'J' | 'K' | 'O' | 'R' | |
| 4A02 | 28 | #4 | 7'-2" | 25 | | 1'-6" | 1'-9" | 0'-8" | 1'-9" | 1'-6" | | | 1'-8 1/2" | | 0'-10 1/2" | | |
| 4A03 | 55 | #4 | 5'-10 3/4" | 17 | | 2'-0" | 1'-10 1/4" | 2'-0" | | | | | | | | | |
| 4A04 | 20 | #4 | 3'-0" | 2 | | 0'-8" | 2'-4" | | | | | | | | | | |
| 5A01 | 70 | #5 | 4'-7" | 11 | | 0'-5 1/2" | 1'-3" | 0'-7" | 1'-3" | 0'-7" | | | 0'-5 1/2" | | | | |
| 5A02 | 216 | #5 | 8'-1 1/2" | 25 | | 1'-6" | 2'-2 1/2" | 0'-8" | 2'-2 1/2" | 1'-6" | | | 2'-2" | | 1'-1" | | |
| 5A03 | 105 | #5 | 5'-3" | 2 | | 0'-10" | 4'-5" | | | | | | | | | | |
| 5A04 | 12 | #5 | 11'-6 3/4" | 16 | | 0'-10" | 4'-4 1/2" | 1'-6 3/4" | 4'-9 3/4" | | | | 3'-5 1/2" | | 3'-4 1/2" | 4'-11 1/2" | |
| 5A05 | 43 | #5 | 5'-0 3/4" | 17 | | 1'-11 1/2" | 1'-2" | 1'-11 1/2" | | | | | | | | | |
| 5A06 | 44 | #5 | 5'-9" | 2 | | 0'-10" | 4'-11" | | | | | | | | | | |
| 5A07 | 12 | #5 | 12'-9 1/4" | 16 | | 0'-10" | 4'-10 1/4" | 1'-7 1/4" | 5'-5 1/4" | | | | 4'-4 1/4" | | 3'-3 1/4" | 4'-11" | |
| 6A01 | 536 | #6 | 6'-3" | 17 | | 1'-0" | 5'-3" | | | | | | | | | | |

| LAP SCHEDULE (EPOXY COATED) | | |
|-----------------------------|-----------------------|--------------------------------------|
| SIZE | TOP (CONDITION 2 & 4) | OTHERS (COATED BARS, ALL OTHER CASE) |
| #4 | 24" | 18" |
| #5 | 30" | 23" |
| #6 | 36" | 27" |

| SAMPLE BARS | |
|-------------|------------------------|
| SIZE | QTY |
| #4 | 2 #4 3'-0" SAMPLE BARS |
| #5 | 2 #5 3'-0" SAMPLE BARS |
| #6 | 2 #6 3'-0" SAMPLE BARS |

| ACCESSORIES | | |
|---------------|-----------------------------|------|
| TYPE | AREA | LFT |
| 4" CHCU EPOXY | @ABTMNTS/CURT WALL FOOTINGS | 1000 |
| 2" SBPT EPOXY | @ABTMNTS/CURT WALL MAT EF | 1480 |

| COUPLER SCHEDULE | | |
|------------------|----------|--------------------------|
| SIZE | END PREP | REINFORCING & QTY. |
| #5 | DB | 60 5A08 COUPLER BARS (E) |



| Release Number: R1.01-R1.05 (A775) COUPLER | | BENDING DETAILS | | | | | | | | | | | | | | | |
|--|-----|-----------------|--------------|------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| Bar Mark | Qty | Size | Total Length | Type | 'A' | 'B' | 'C' | 'D' | 'E' | 'F' | 'G' | 'H' | 'J' | 'K' | 'O' | 'R' | |
| 5A08 | 60 | #5 | 1'-6" | SK1 | | 1'-6" | | | | | | | | | | | |

