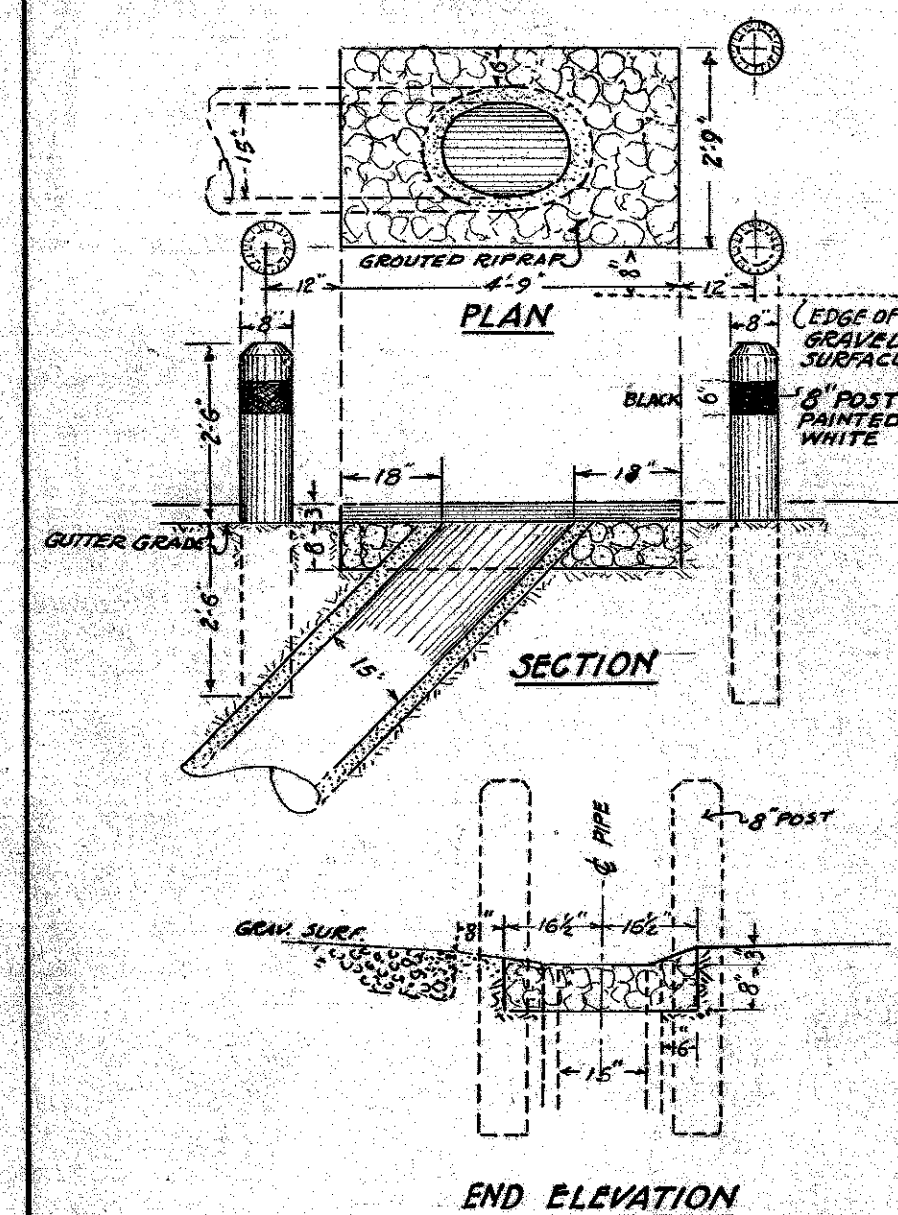
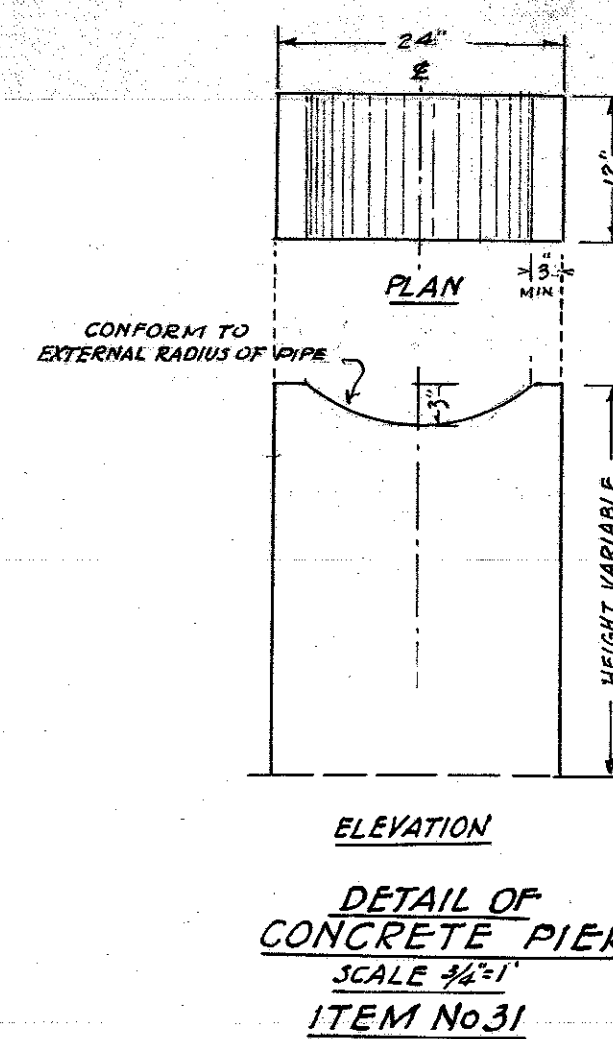


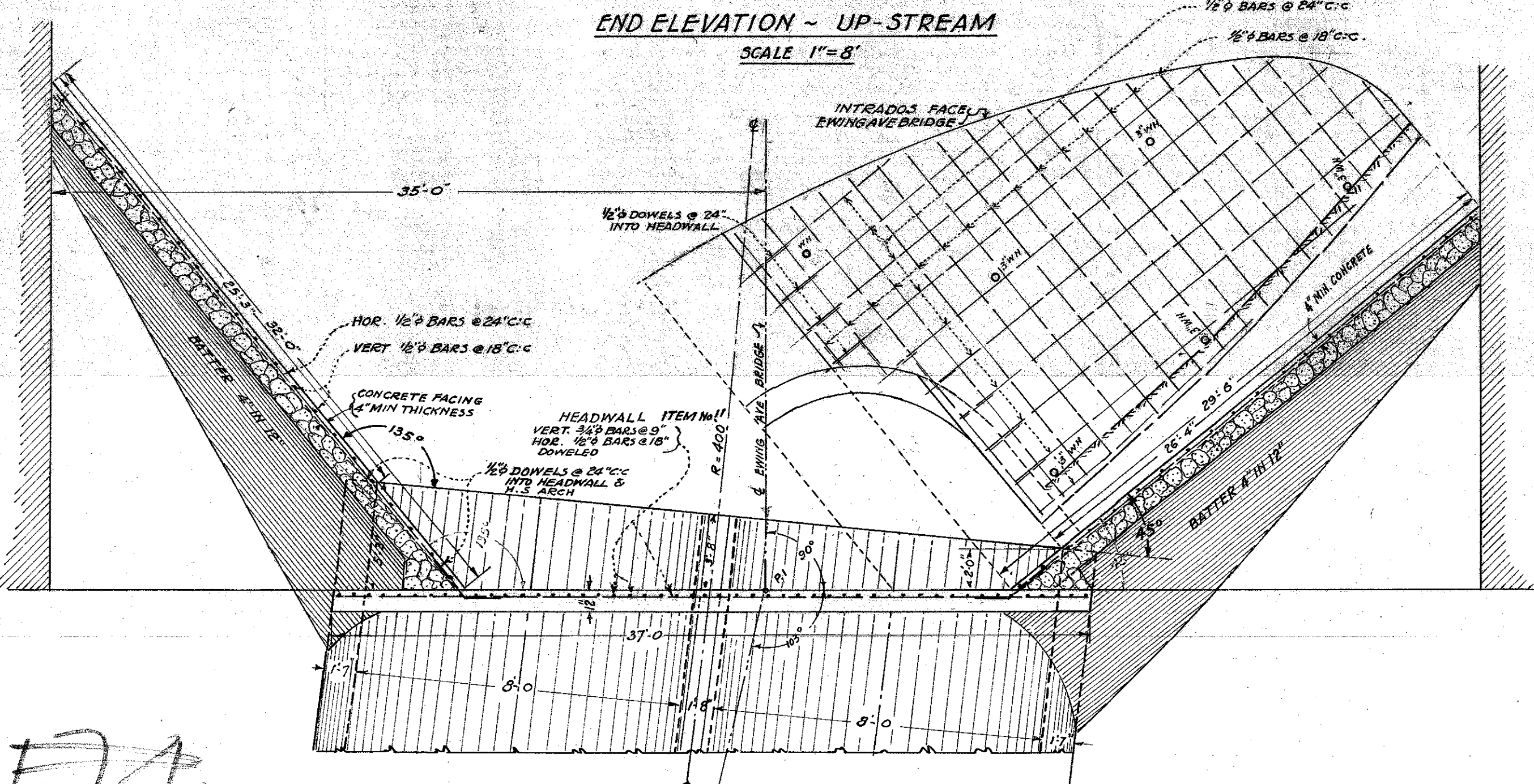
Location of borrow for Project-Roadway will be paid by City of Dallas



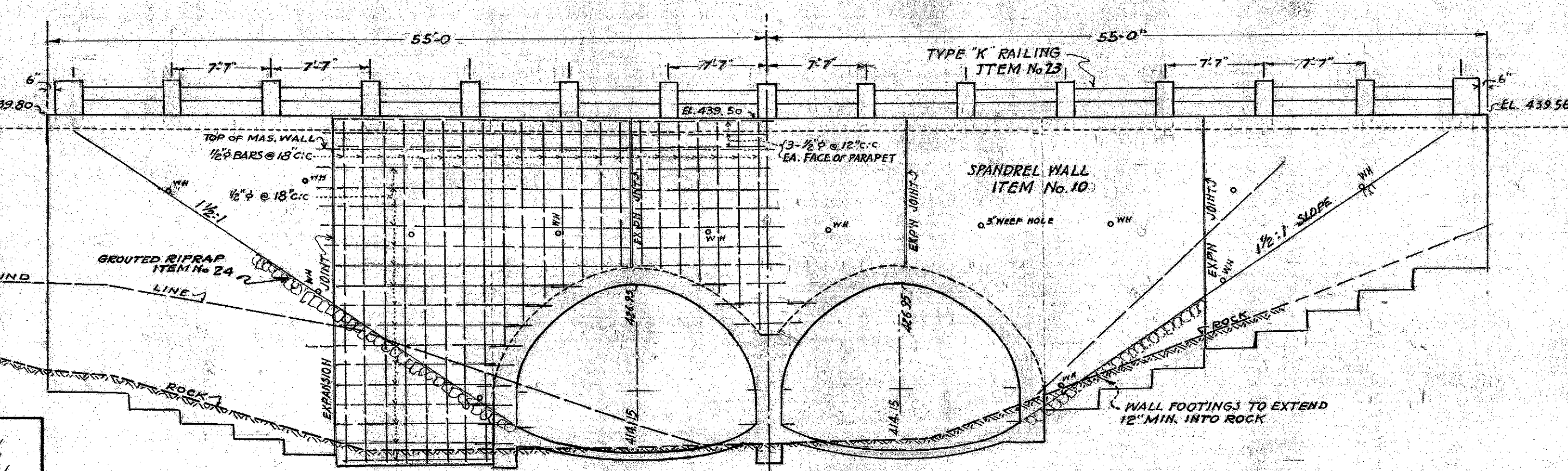
DETAIL OF GROUDED RIPRAP INLET
SCALE 3/8"=1"
ITEM No. 30



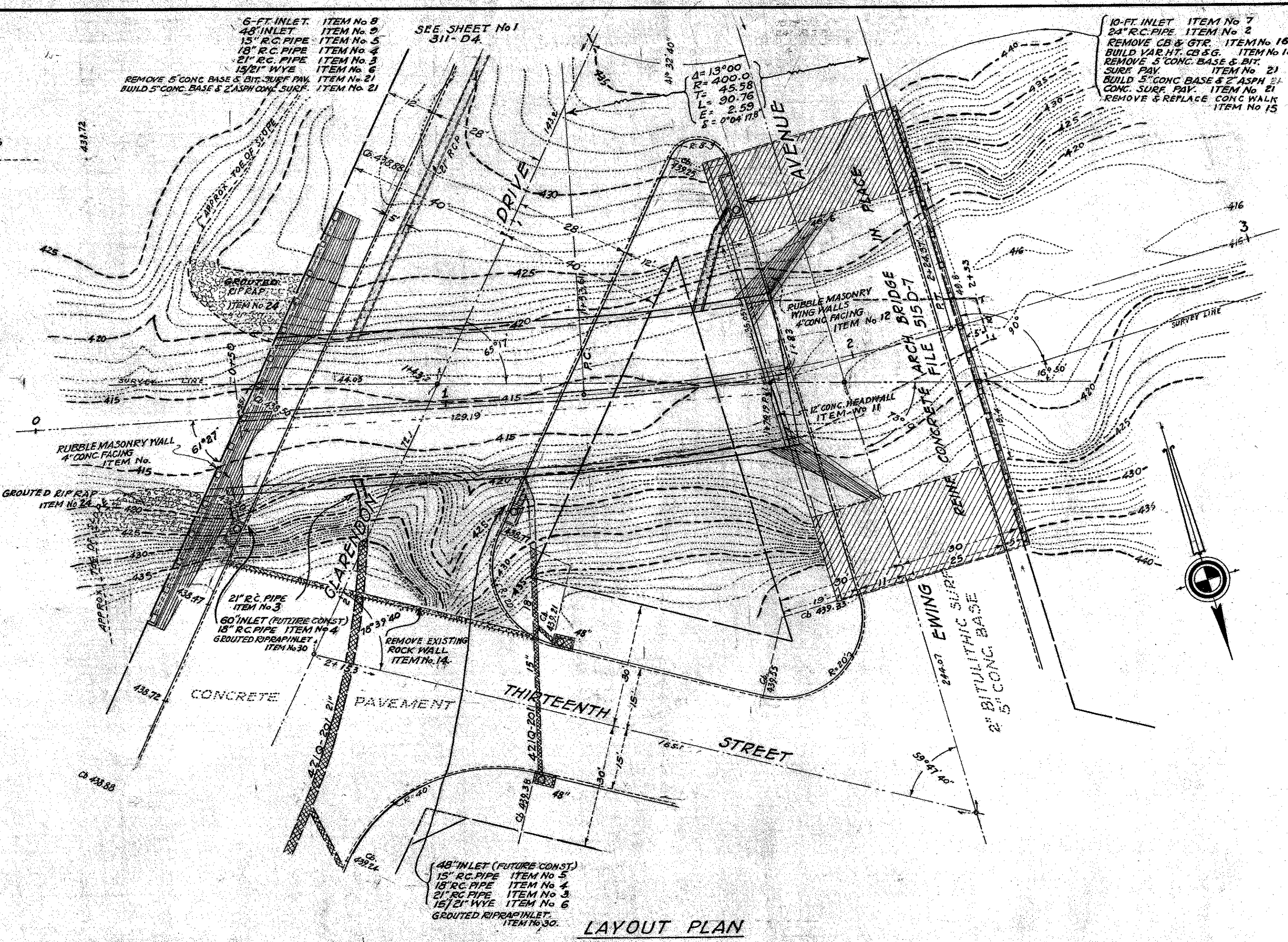
DETAIL OF CONCRETE PIER
SCALE 3/4"=1"
ITEM No. 31



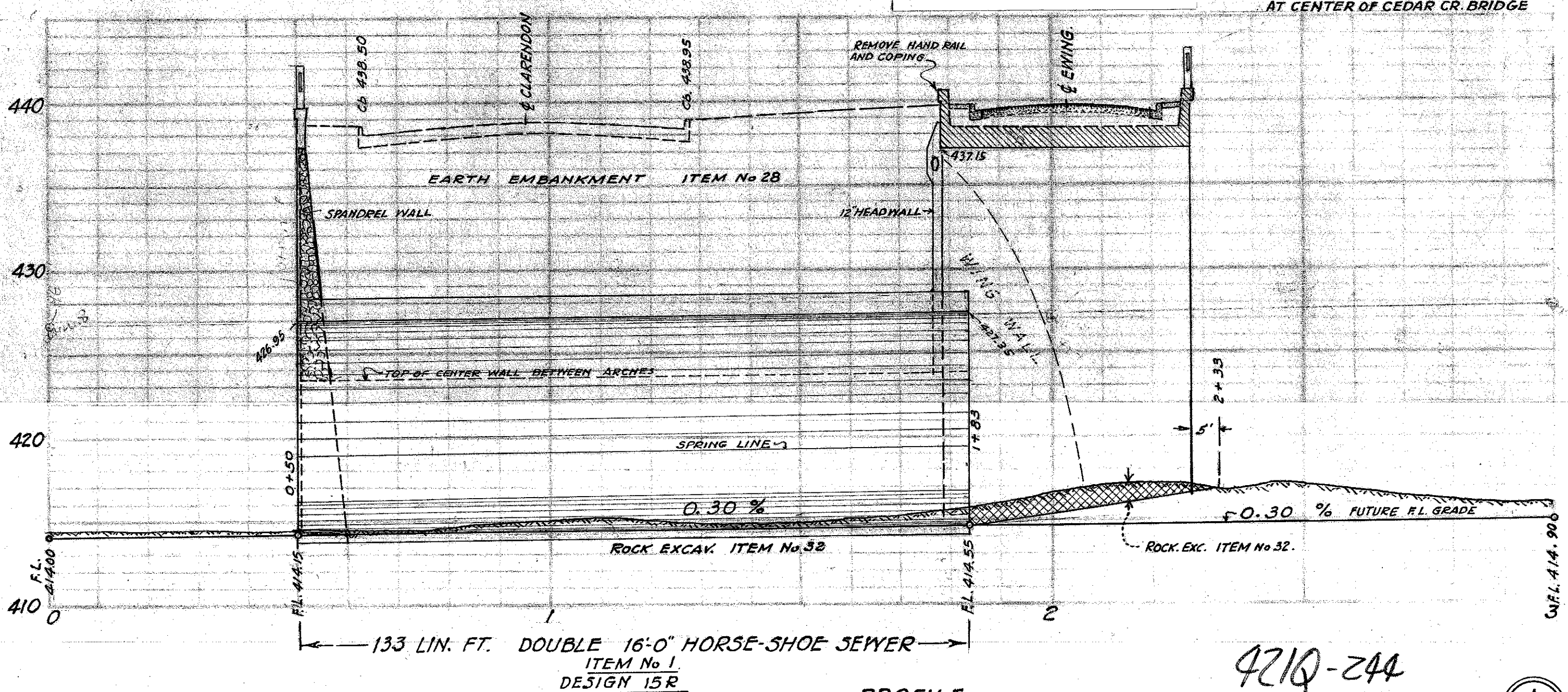
DETAILS OF RUBBLE MASONRY WING WALLS FOR DOUBLE 16-FT H.S. SEWER UNDER EWING AVE BRIDGE
SCALE 3/8"=1" ITEM No. 12



END ELEVATION ~ DOWN-STREAM
SCALE 1"=8"

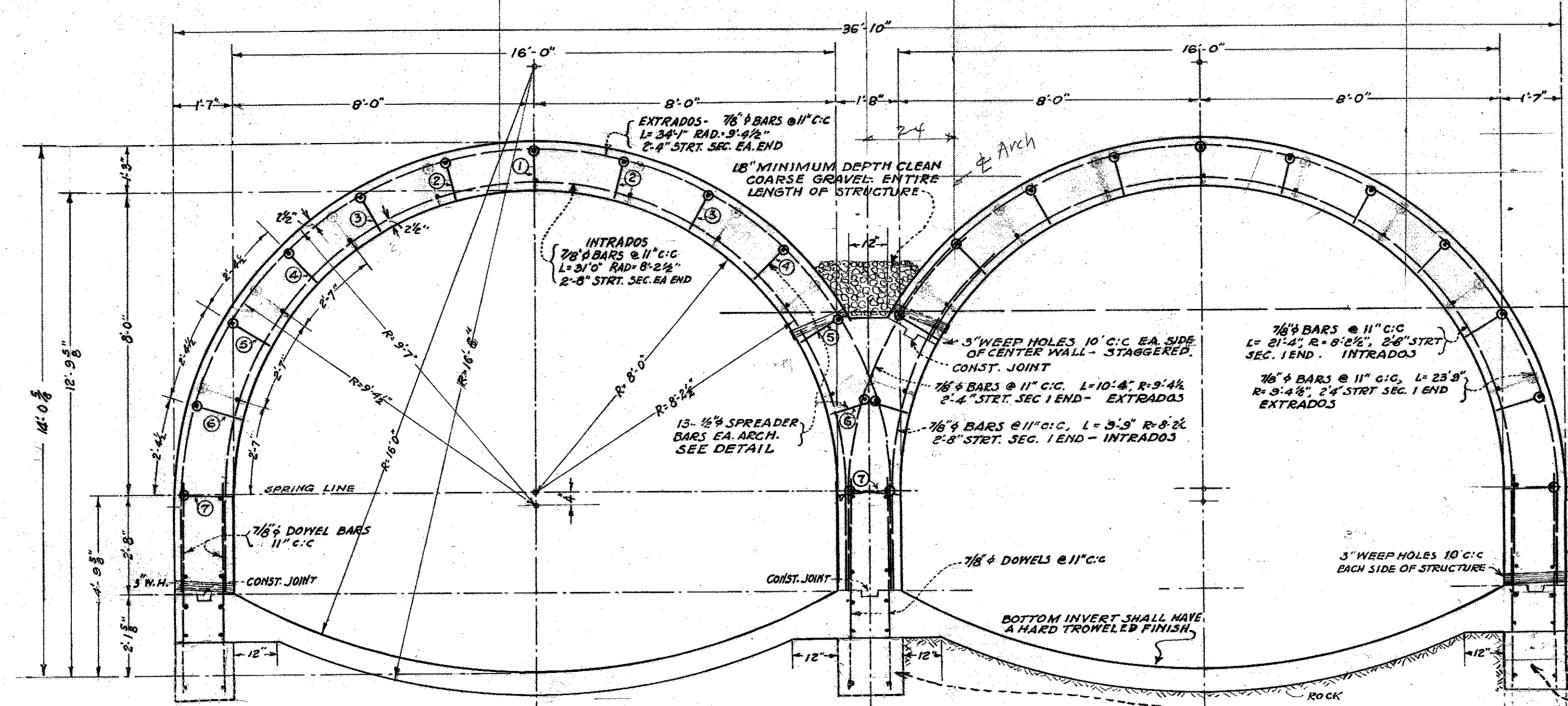


LAYOUT PLAN
SCALE 1"=20"

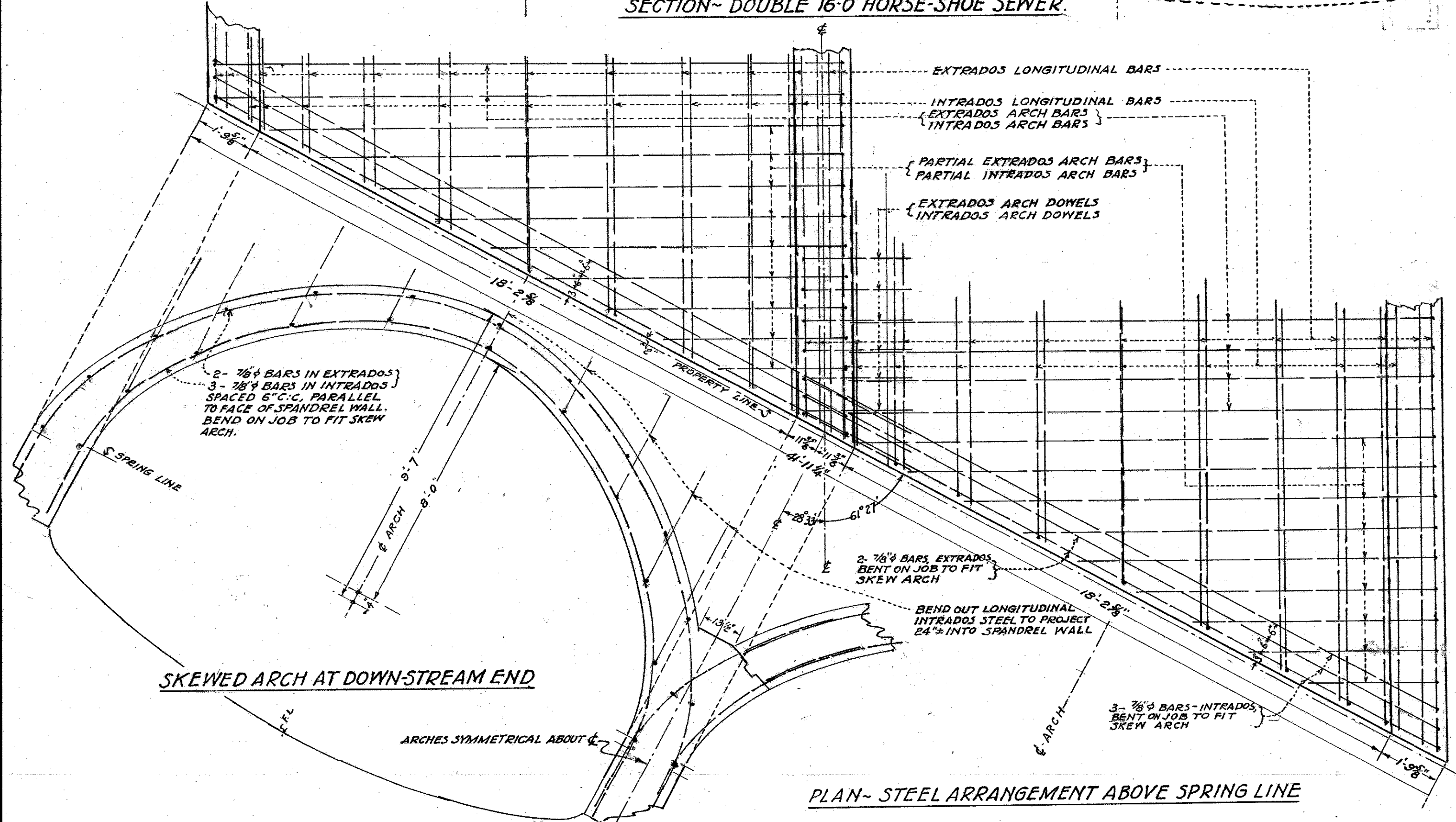


PROFILE
SCALE (HOR. 1"=20', VERT. 1"=6')

| | | |
|---|---|--|
| <p>APPROVED:</p> <p><i>[Signature]</i> DIRECTOR OF PUBLIC WORKS</p> | <p>SHEETS No. 1 & 2, INCLUSIVE</p> <p>APPROVED BY CITY COUNCIL</p> <p>THIS THE 10th DAY OF Nov. 1945</p> <p><i>[Signature]</i> CITY SECRETARY</p> | <p>REVISION: 2-21-46, C.T.B. CORR. & NOTATIONS ON SHEET 244-244</p> <p>421Q-244</p> <p>1 2</p> <p>CEGAR CREEK - DRAINAGE DISTRICT No. 21</p> <p>DOUBLE 16-FT HORSE SHOE SEWER</p> <p>CEGAR CREEK AT EWING & CLARENDON</p> <p>LAYOUT & STRUCTURAL DETAILS</p> <p>DEPARTMENT OF PUBLIC WORKS</p> <p>CITY OF DALLAS, TEXAS</p> <p>DESIGN TRACED DATE SCALE NOTES FILE NO</p> <p>C. T. B. P. NOV. 1945 NOTED FOLDER 421Q 244</p> |
|---|---|--|



SECTION~ DOUBLE 16'-0" HORSE-SHOE SEWER



PLAN~ STEEL ARRANGEMENT ABOVE SPRING LINE

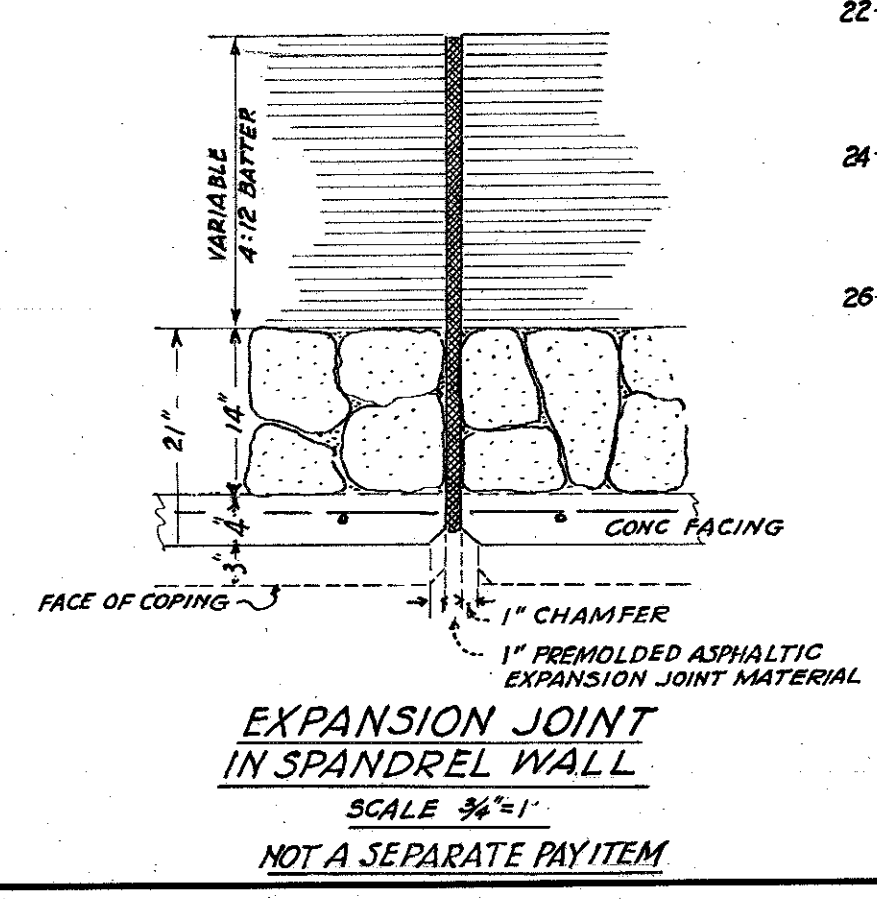
SPREADER

| SPRDR NO. | DIMENSION "D" |
|-----------|---------------|
| 1 | 14 1/4" |
| 2 | 14 3/8" |
| 3 | 15 1/2" |
| 4 | 15 3/4" |
| 5 | 16 3/8" |
| 6 | 16 3/8" |
| 7 | 17 3/8" |

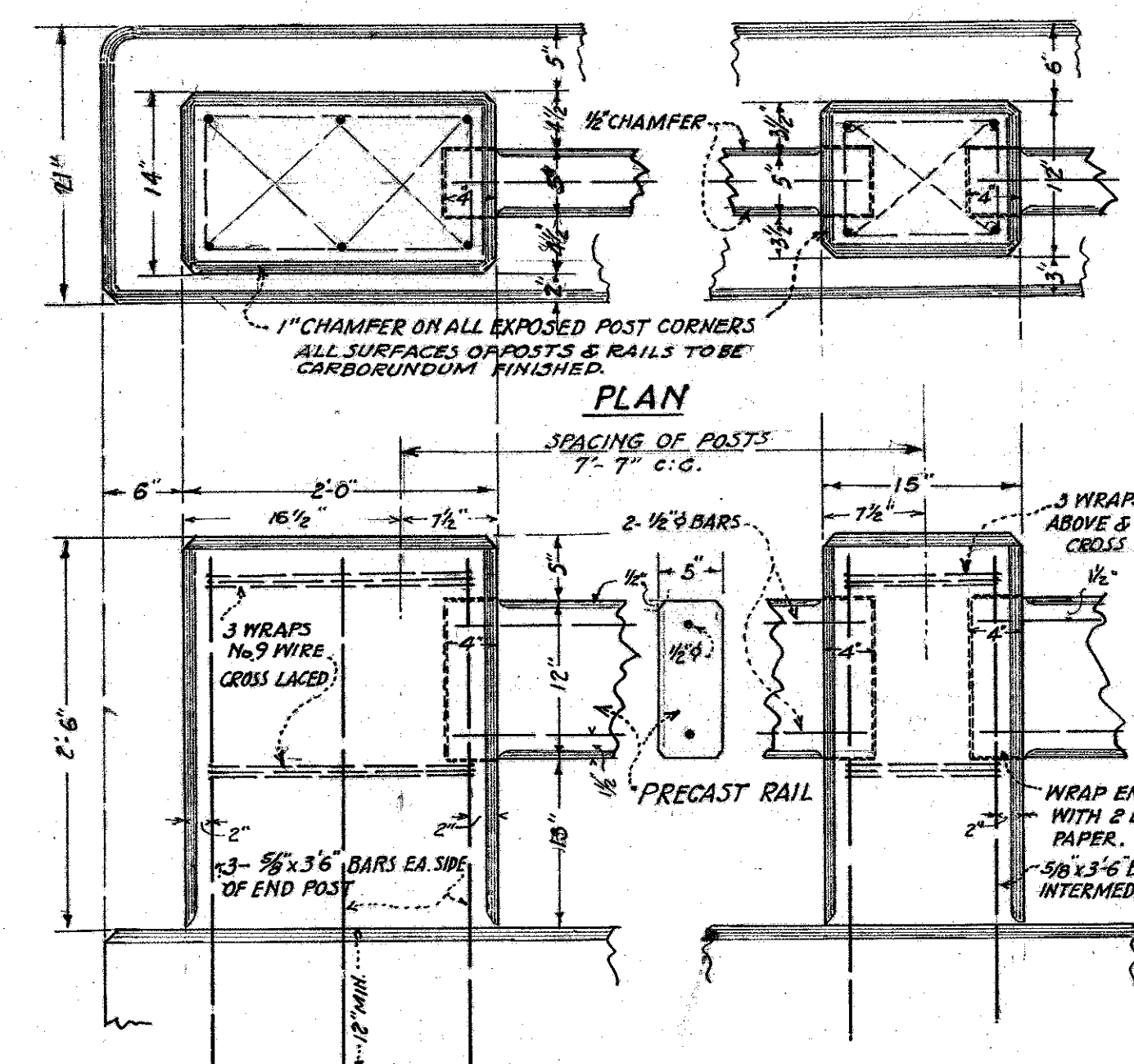
SPREADERS TO BE SPACED 5 FT C/C LONGITUDINALLY. CHAIR SPACERS TO BE USED BETWEEN INTRADOS BARS AND ARCH LAGGING.

DETAIL OF SPREADERS

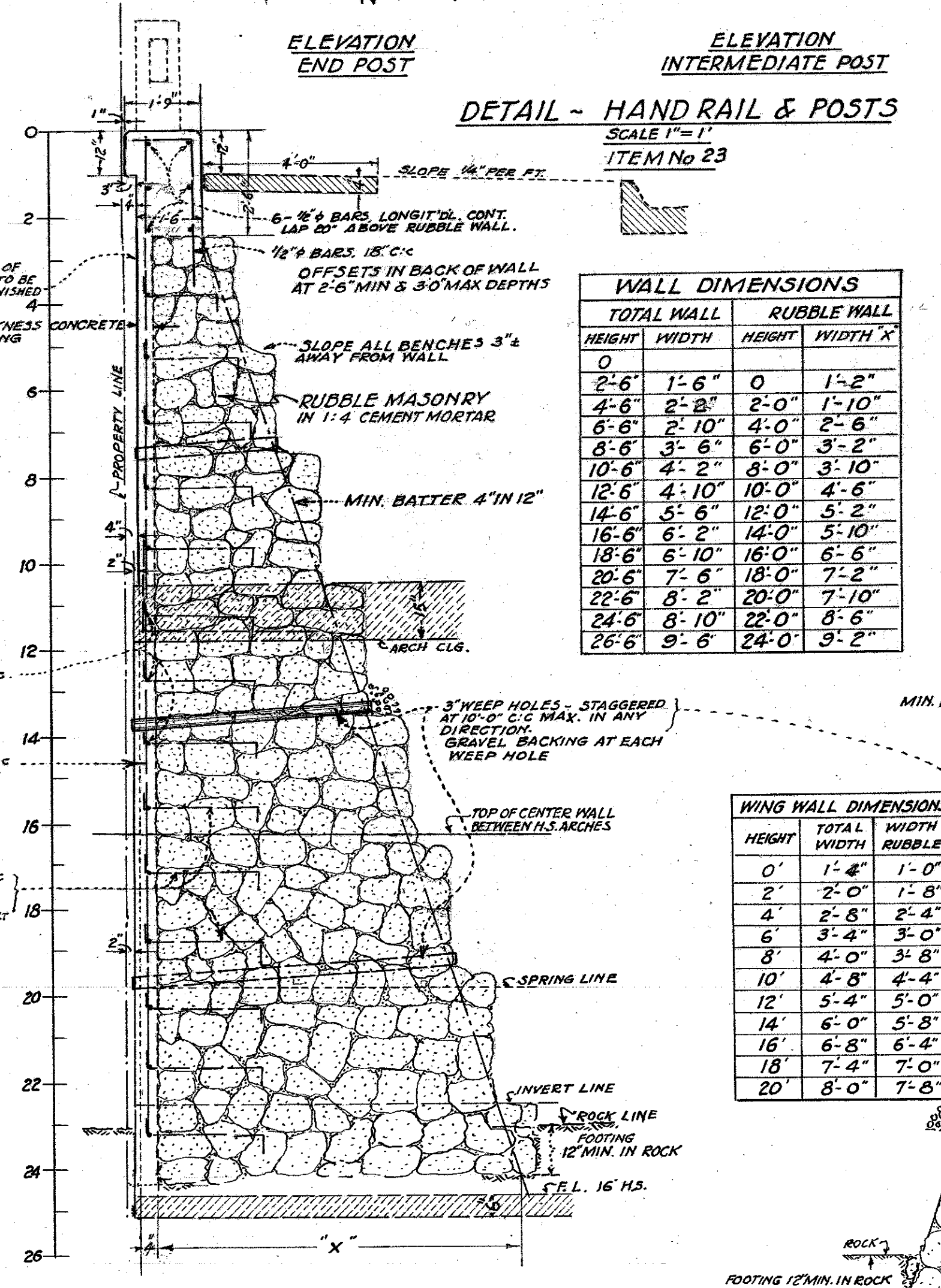
DETAIL OF DOUBLE 16'-0" HORSE-SHOE SEWER DESIGN 15-R
SCALE 3/8"=1'
ITEM No. 1



EXPANSION JOINT IN SPANDREL WALL
SCALE 3/8"=1'
NOT A SEPARATE PAY ITEM



DETAIL - HAND RAIL & POSTS
SCALE 1"=1'
ITEM No. 23



TYPICAL SECTION RETAINING OR SPANDREL WALL DOWN-STREAM END OF STRUCTURE
SCALE 3/8"=1'
ITEM No. 10

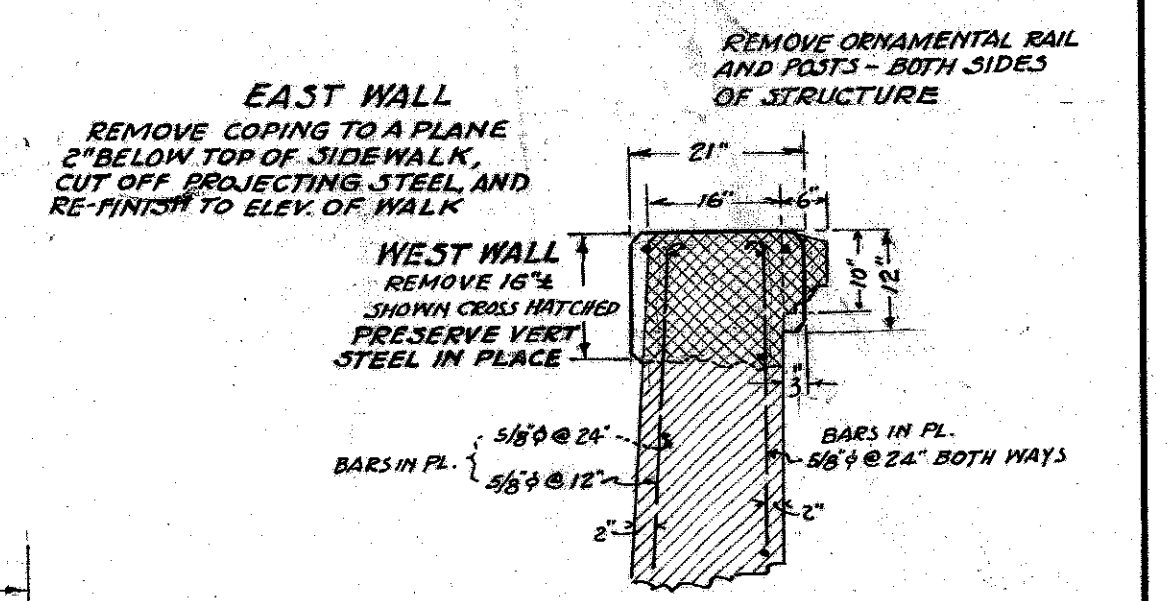
WALL DIMENSIONS

| TOTAL WALL | | RUBBLE WALL | |
|------------|--------|-------------|--------|
| HEIGHT | WIDTH | HEIGHT | WIDTH |
| 0 | 1'-6" | 0 | 1'-2" |
| 2'-6" | 2'-2" | 2'-0" | 1'-10" |
| 4'-6" | 2'-10" | 4'-0" | 2'-6" |
| 6'-6" | 3'-6" | 6'-0" | 3'-2" |
| 10'-6" | 4'-2" | 8'-0" | 3'-10" |
| 12'-6" | 4'-10" | 10'-0" | 4'-6" |
| 14'-6" | 5'-6" | 12'-0" | 5'-2" |
| 16'-6" | 6'-2" | 14'-0" | 5'-10" |
| 18'-6" | 6'-10" | 16'-0" | 6'-6" |
| 20'-6" | 7'-6" | 18'-0" | 7'-10" |
| 22'-6" | 8'-2" | 20'-0" | 8'-6" |
| 24'-6" | 8'-10" | 22'-0" | 9'-2" |
| 26'-6" | 9'-6" | 24'-0" | 9'-8" |

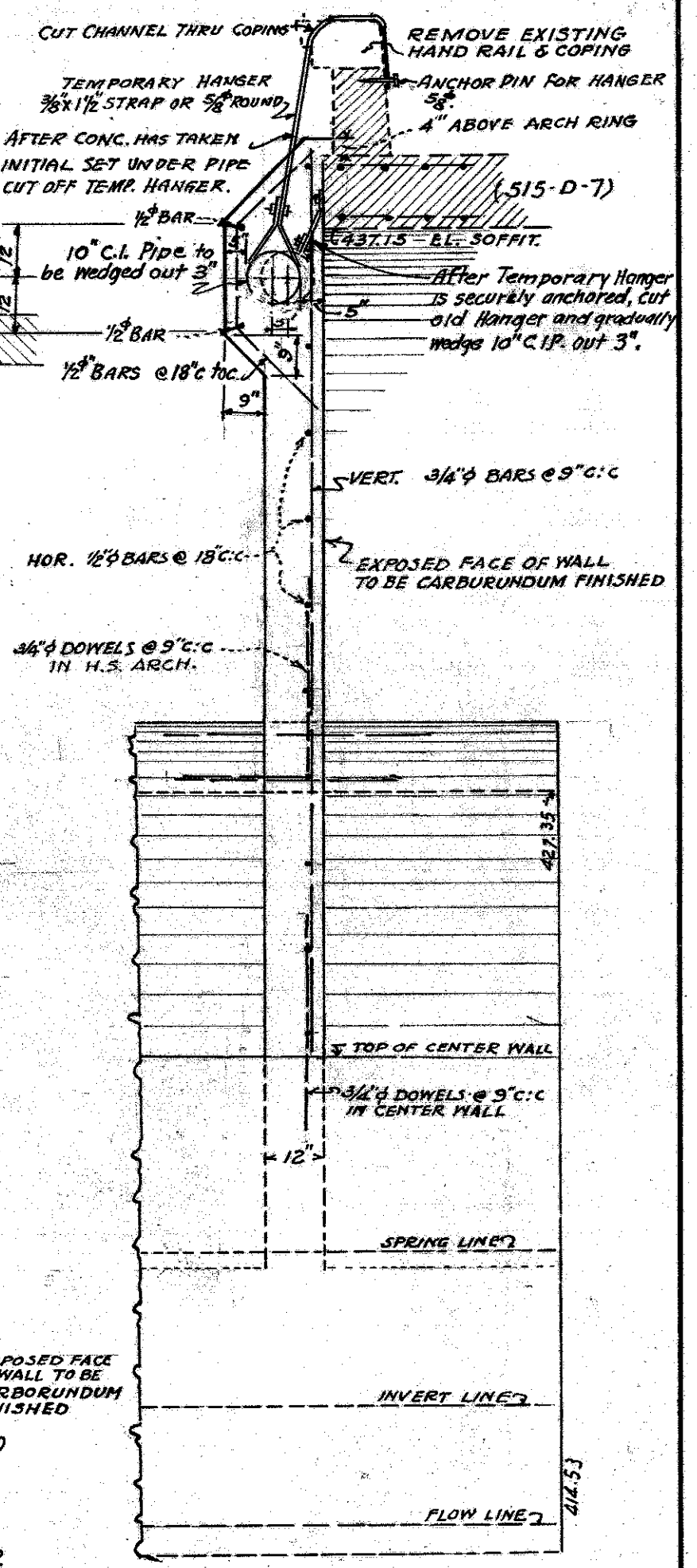
WING WALL DIMENSIONS

| HEIGHT | TOTAL | WIDTH | RUBBLE |
|--------|-------|-------|--------|
| 0' | 1'-4" | 1'-0" | |
| 2' | 2'-0" | 1'-8" | |
| 4' | 2'-8" | 2'-4" | |
| 6' | 3'-4" | 3'-0" | |
| 8' | 4'-0" | 3'-8" | |
| 10' | 4'-8" | 4'-4" | |
| 12' | 5'-4" | 5'-0" | |
| 14' | 6'-0" | 5'-8" | |
| 16' | 6'-8" | 6'-4" | |
| 18' | 7'-4" | 7'-0" | |
| 20' | 8'-0" | 7'-8" | |

TYPICAL SECTION WING WALLS UP-STREAM END OF STRUCTURE
SCALE 3/8"=1'
ITEM No. 12



SECTION OF PRES. BRIDGE WALL SHOWING COPING TO BE REMOVED BOTH SIDES EAVING AVE BRIDGE AND NEW COPING TO BE BUILT ON WEST WALL OF BRIDGE
SCALE 3/8"=1'
ITEM No. 13 & 22



TYPICAL SECTION - VARIABLE HEIGHT HEADWALL FOR DOUBLE 16'-FT. H.S. SEWER DOWN-STREAM END- EWING AVE. BR.
SCALE 3/8"=1'
ITEM No. 11