

GENERAL NOTES (CONT.)

MATERIALS

Admixture: Air entraining admixture of Daxex AEA, Pozzolith 4A, Sikha AER, or approved equal shall be added to concrete in piles, deck and pier caps as specified in the Special Provisions.

GENERAL NOTES (FOR ALL BRIDGES)

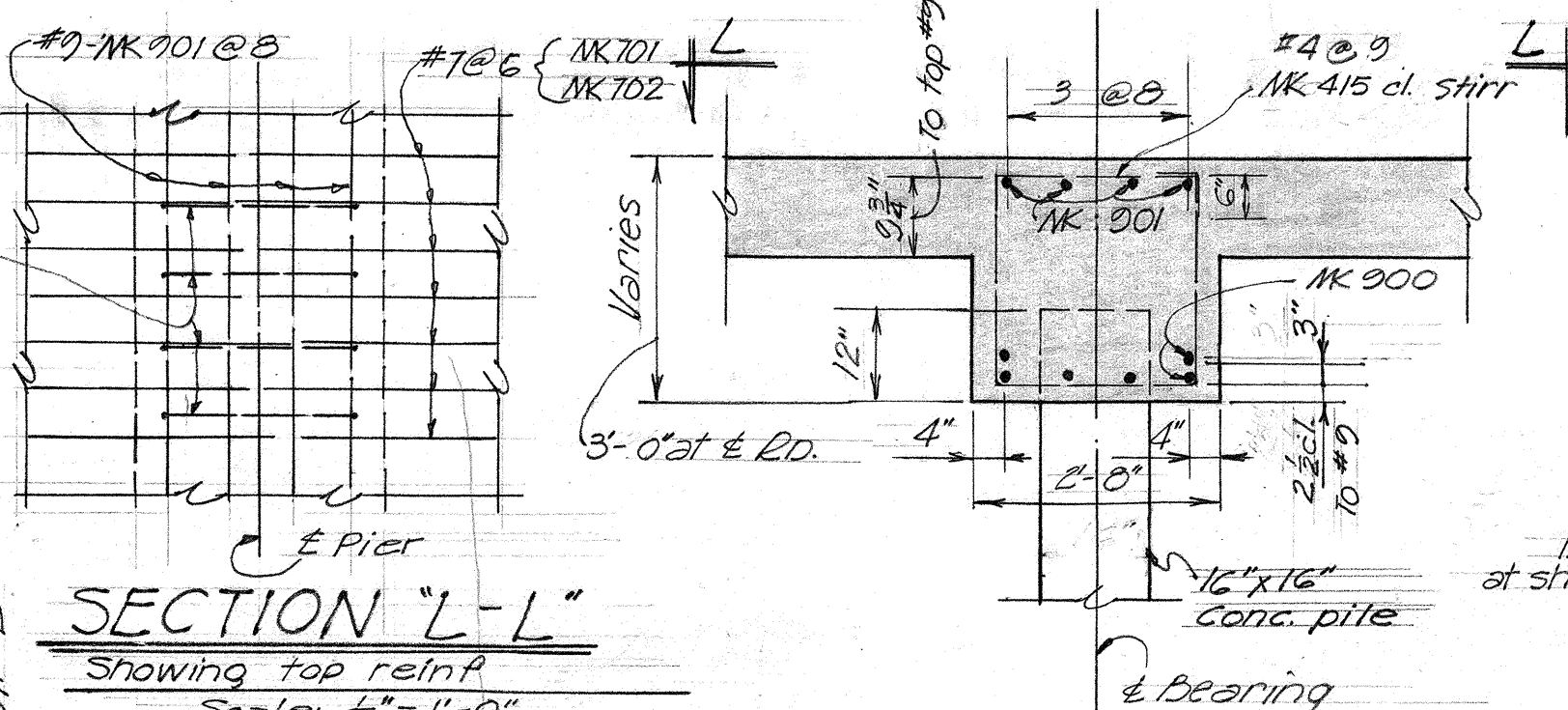
All Concrete Class A-1 except Concrete in piles and in abutments for Br. #3.
Concrete in piles - Class E-1.
Concrete in Bridge #3 Abut. - Class C-1.

Admixture: (See left top corner this sheet)

CONSTRUCTION METHODS

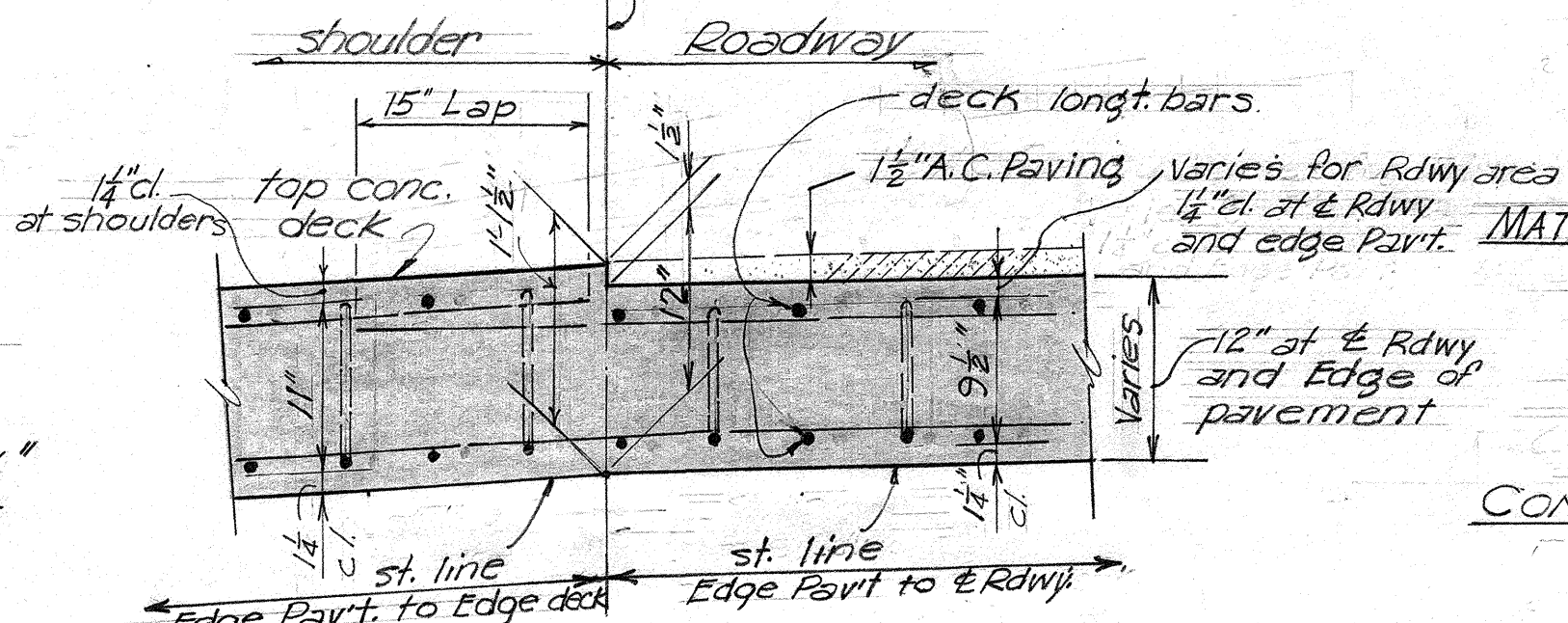
Railing to be poured after release of false-work.
All surfaces of railing shall be class 2 rubbed finish.

Timber piles to be cut at ground line.
All piles shall be 16"x16" precast concrete piles. Substantial leads shall be used in the driving of the piles. The contractor's attention is directed to Section 62.3c on page 27B of Standard Specifications in which the figure 64.1 in line four (4) must be replaced by 62.3. Spudding, jetting, or drilling must be anticipated to fulfill the Specification requirement of penetration into good material. Existing timber structures shall be removed. See Special Provisions.

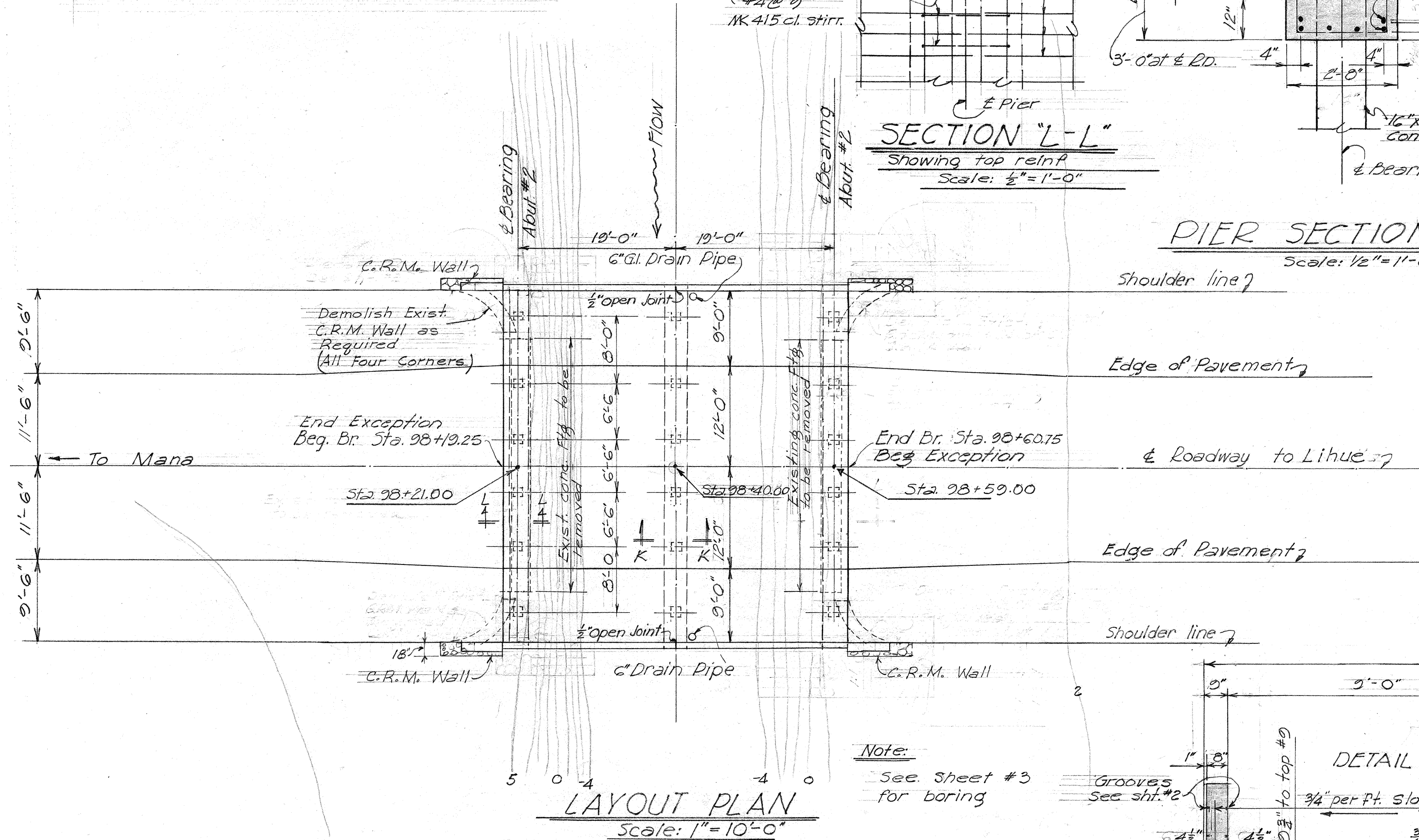


SECTION "L-L"
Showing top reinf.
Scale: 1/2" = 1'-0"

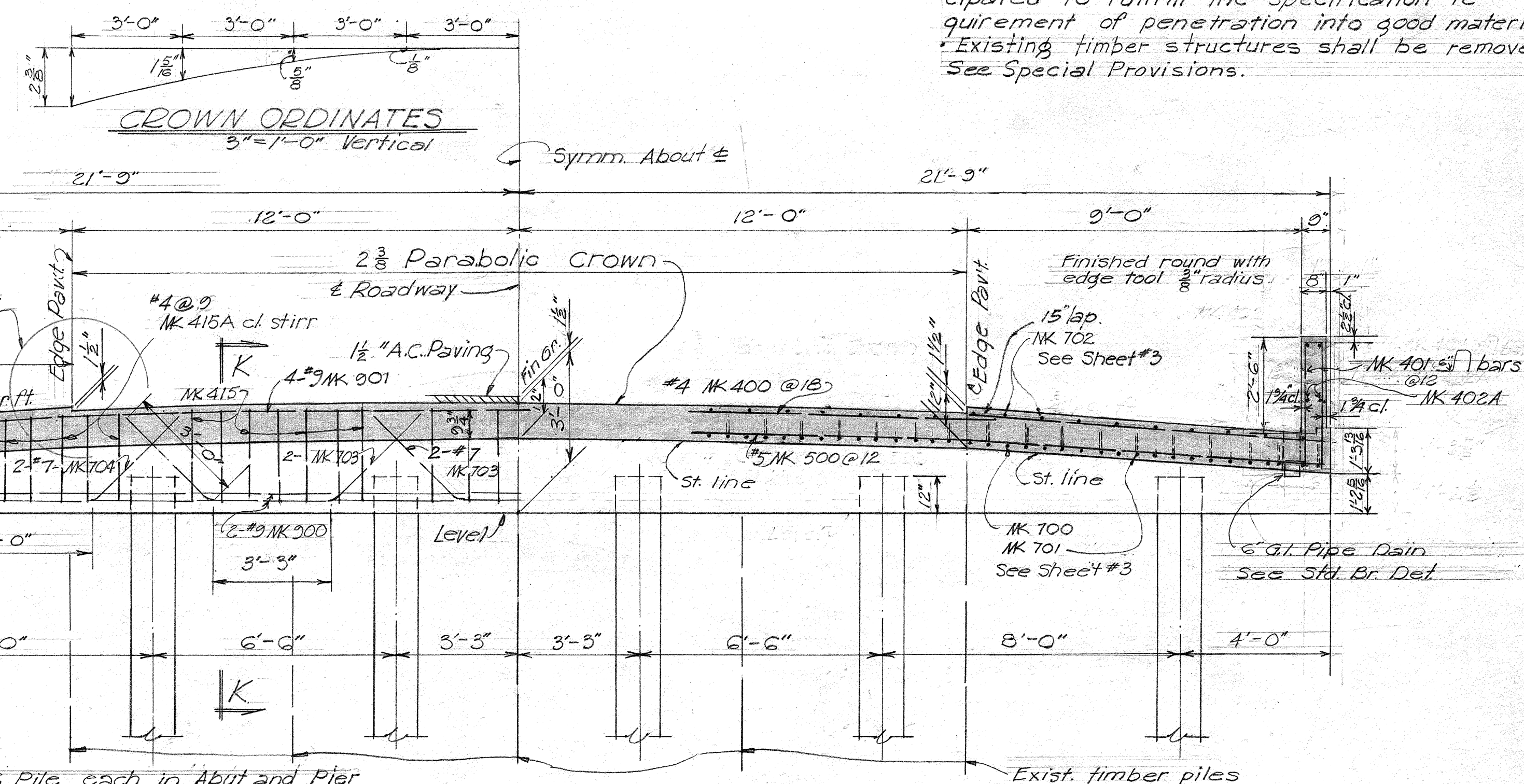
PIER SECTION "K-K"
Scale: 1/2" = 1'-0"



DETAIL "A" Scale: 1" = 1'-0"
(SLAB REINF. AT EDGE PAVEMENT)



LAYOUT PLAN
Scale: 1" = 10'-0"



HALF PIER REINF.

HALF NORMAL SECTION

Scale: 3/8" = 1'-0"

NORMAL SECTION & PIER CAP, BRIDGES 1,2

ESTIMATED QUANTITIES

Class A-1 Concrete	Lump Sum
Reinforcing Steel	Lump Sum
Structure Excavation	400 c.y.
16" x 16" x 22'-0" Piles	396 lin. ft.
C.R.M.	92 c.y.
A.C.	10 Tons
Bituminous Tack Coat	2790 gals.

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

BRIDGE NO. 1

Sta. 98+19.25-98+60.75

PROPOSAL "A"

KAUAI BELT ROAD F-050-1(1)

FEBRUARY 1956

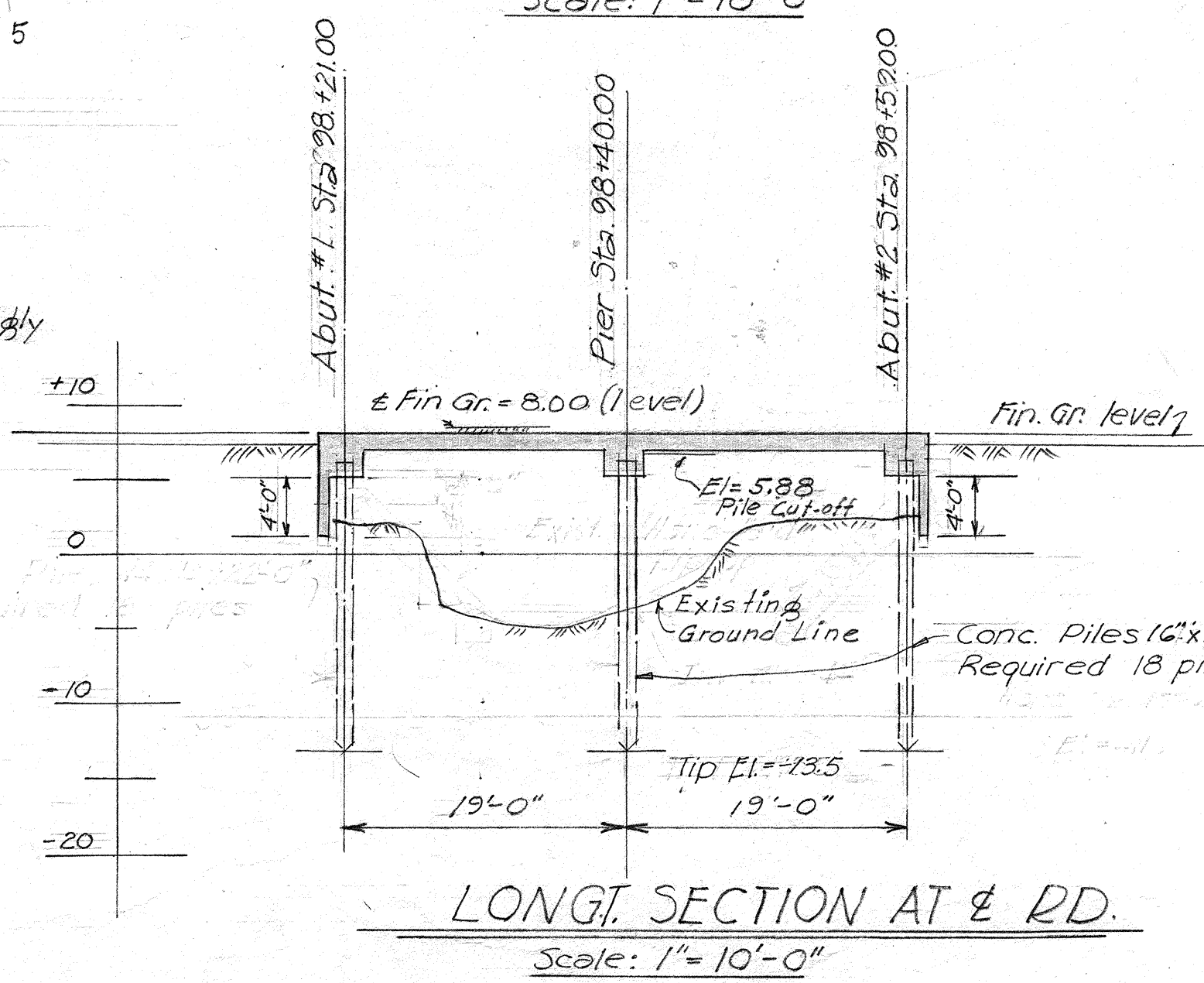
SHEET NO. 1 OF 3 SHEETS

5431.3

Note!

Pile cutoff elevations based on finish road grade taken from original plans. A field check of finish grade at all structures must be made and the pile cutoff elevations adjusted accordingly.

Contours shown were taken from original timber bridge drawings.

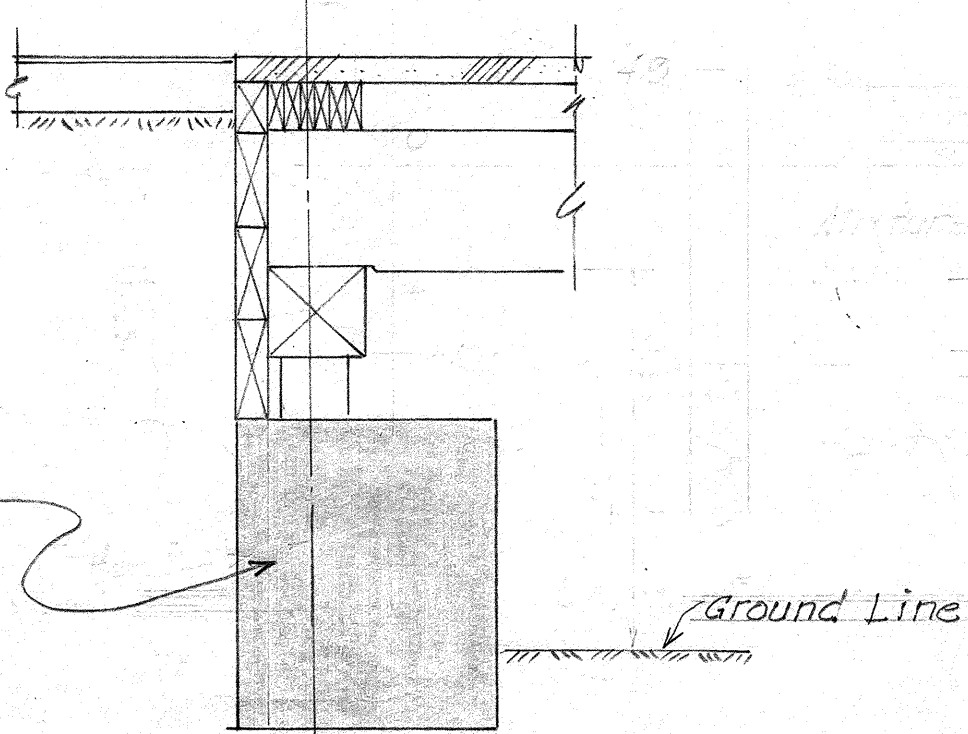


LONGI. SECTION AT & RD.

Scale: 1" = 10'-0"

Note!

Existing concrete or masonry footings obstructing new construction shall be removed. This note applies to all bridges.



SECTION L-L
(Existing Timber Bridge)

Scale: 1/2" = 1'-0"

DESIGNED BY	DATE
DRAWN BY	1956
CHECKED BY	1956
APPROVED BY	1956
QUANTITIES CHECKED BY	1956
NOTE BOOK	
No.	

GENERAL NOTES (CONT.)

MATERIALS

Admixture: Air entraining admixture of Daxex AEA, Pozzolith 4A, Sikha AER, or approved equal shall be added to concrete in piles, deck and pier caps as specified in the Special Provisions.

GENERAL NOTES (FOR ALL BRIDGES)

DESIGN DATA
H 20-44 Loading
FS = 20,000
FC = 1,000
N = 10

MATERIALS

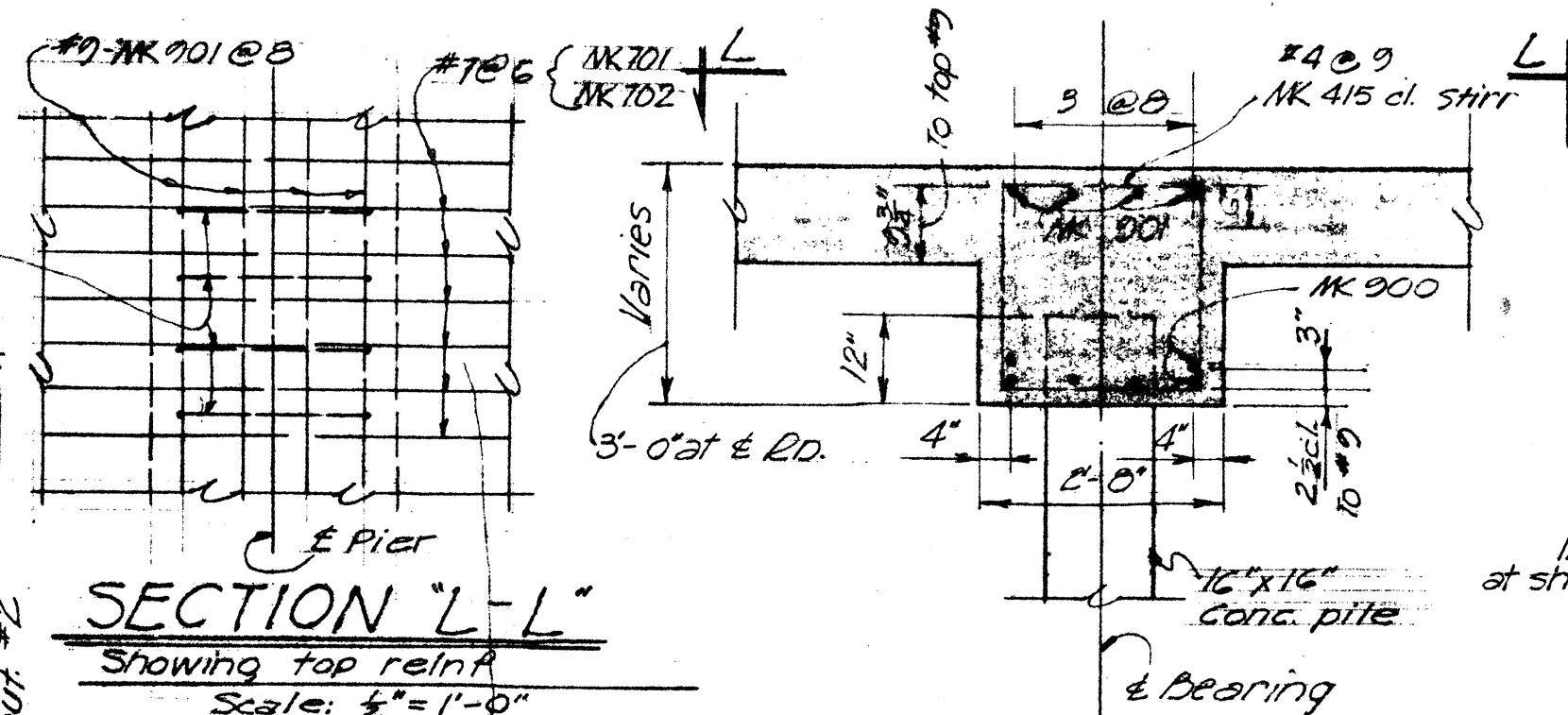
All Concrete Class A-1 except concrete in piles and in abutments for Br #3.
Concrete in piles - Class E-1.
Concrete in Bridge #3 Abut. - Class C-1.

Admixture: (See left top corner this sheet)

CONSTRUCTION METHODS

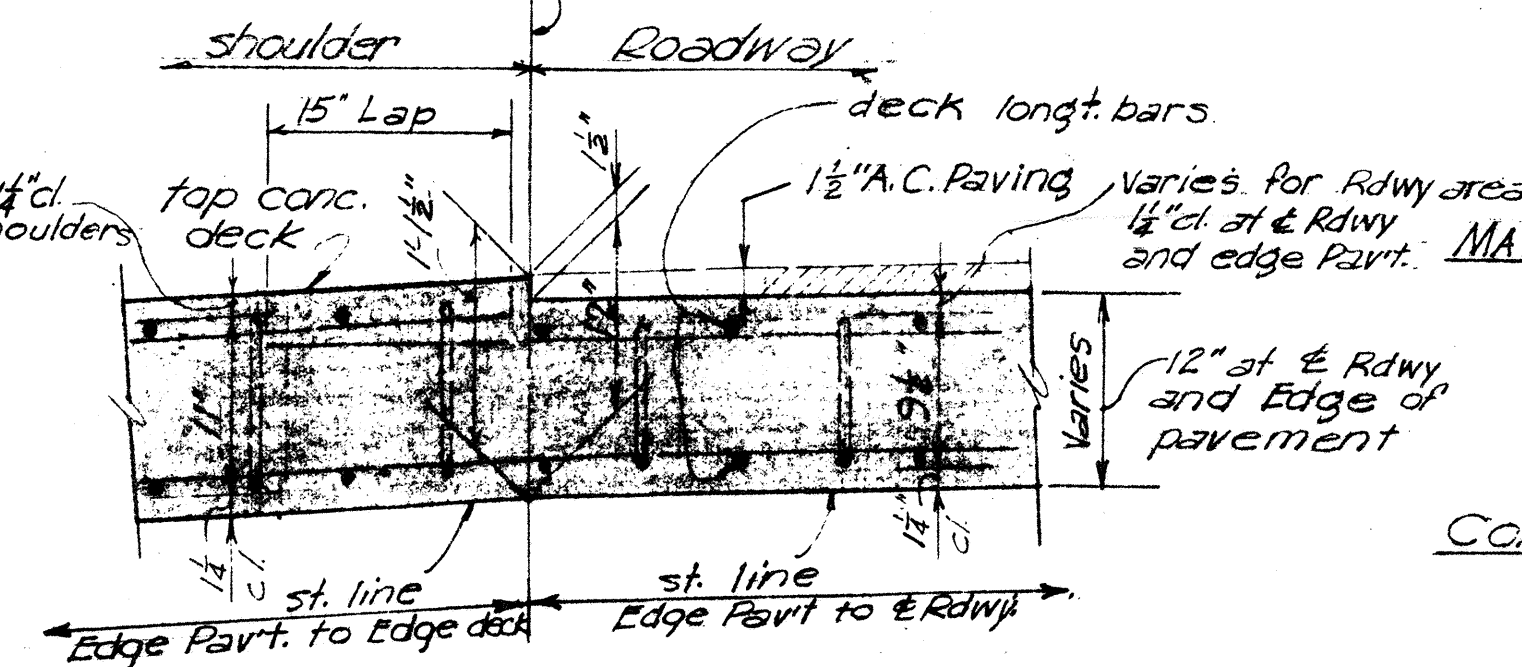
Railing to be poured after release of false-work.
All surfaces of railing shall be class 2 rubbed finish.

Timber piles to be cut at ground line.
All piles shall be 16"x16" precast concrete piles. Substantial leads shall be used in the driving of the piles. The contractor's attention is directed to Section 62.3c on page 278 of Standard Specifications in which the figure 4.1 in line four (4) must be replaced by 62.3. Spudding, jetting, or drilling must be anticipated to fulfill the Specification requirement of penetration into good material. Existing timber structures shall be removed. See Special Provisions.

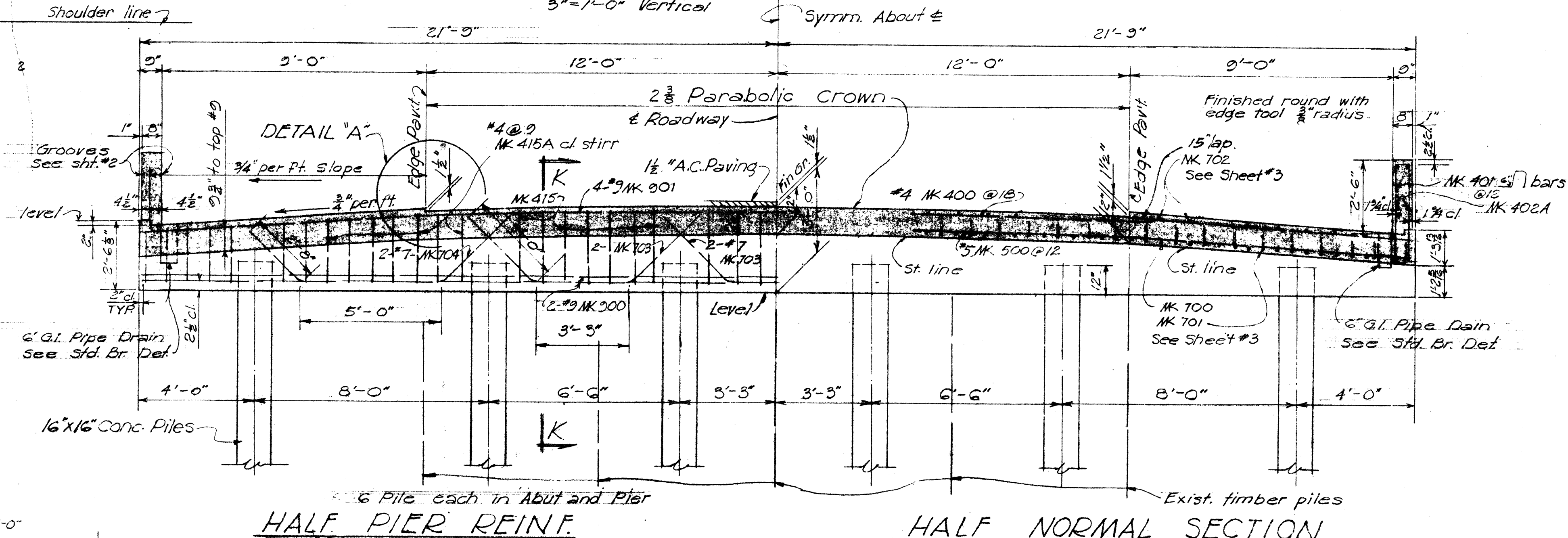
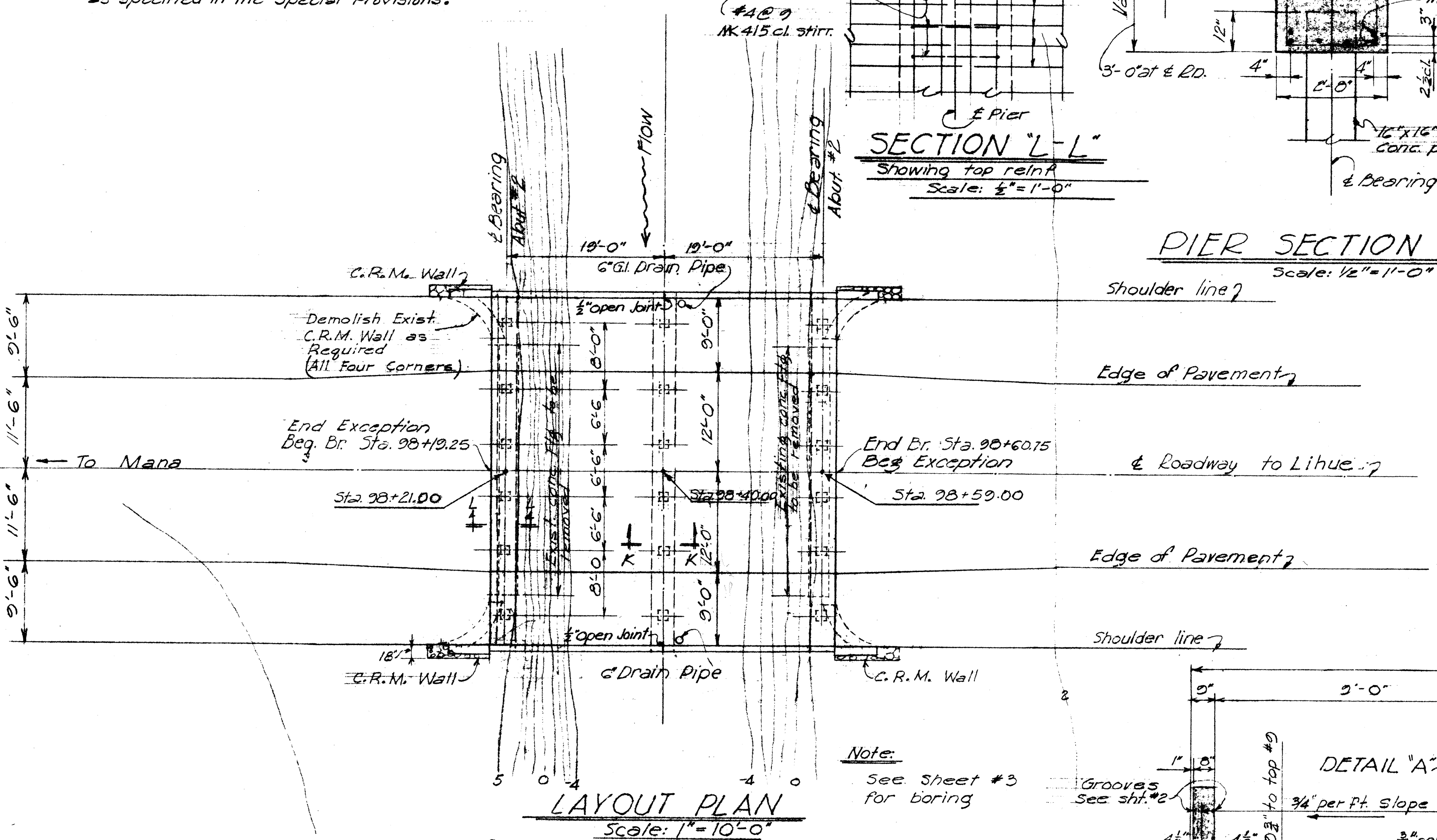
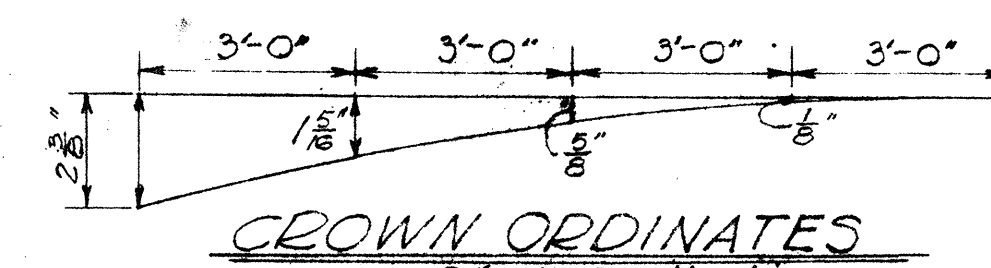


PIER SECTION K-K

Scale: 1/2" = 1'-0"

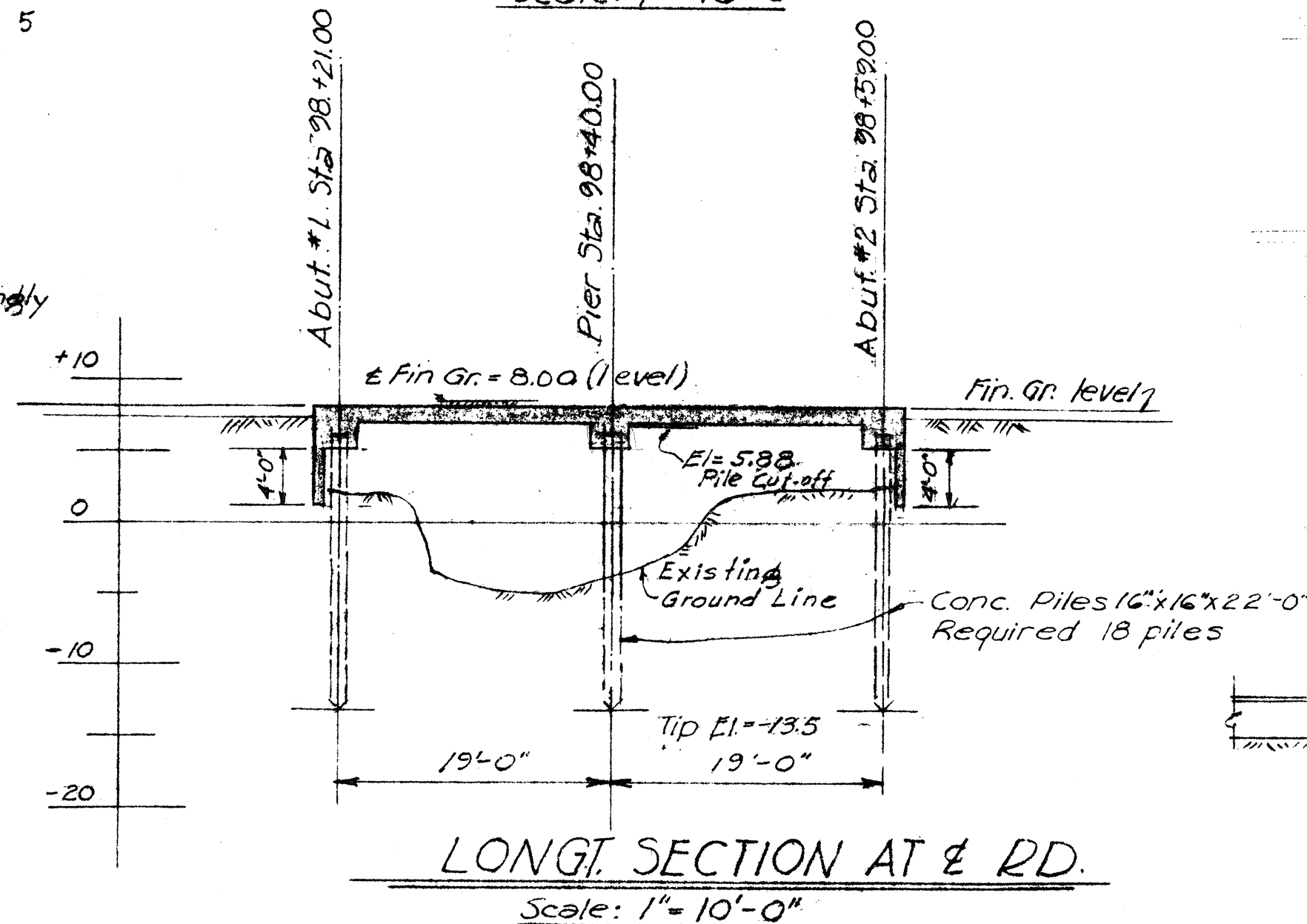


DETAIL A (SLAB REINF. AT EDGE PAVEMENT)



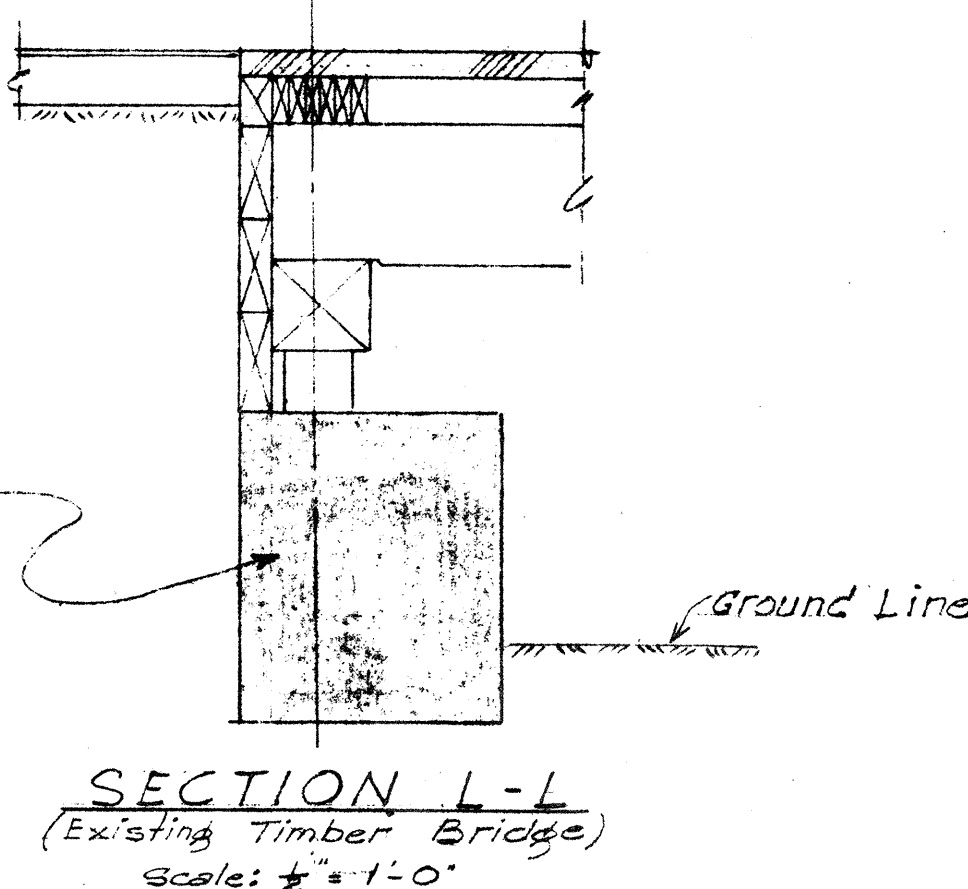
Note!
Pile cutoff elevations based on finish road grade taken from original plans. A field check of finish grade at all structures must be made and the pile cutoff elevations adjusted accordingly.

Contours shown were taken from original timber bridge drawings.



Note!

Existing concrete or masonry footings obstructing new construction shall be removed. This note applies to all bridges.



ESTIMATED QUANTITIES

Class A-1 Concrete	Lump Sum
Reinforcing Steel	Lump Sum
Structure Excavation	116 c.y.
16"x16"x22'-0" Piles	396 lin.ft.
C.R.M.	3.2 c.y.
A-1	10 Tons
Bituminous tack coat	2730 gal.

TERRITORIAL HIGHWAY DEPARTMENT

TERRITORY OF HAWAII

BRIDGE NO. 1

Sta 98+19.25-98+60.75

PROPOSAL "A"

KAUAI BELT ROAD F-050-1(C)

FEBRUARY 1956

SHEET NO. 1 OF 3 SHEETS

5431.3

FOR BPR & PROJECT ENG.

5431.4

