

GENERAL NOTES

DESIGN DATA

H 20-516-44 loading
 $f_s = 20,000$
 $f_c = 12,000$
 $n = 10$

MATERIALS

All concrete except concrete in piles class A-1
 Concrete in piles Class E-1

AD MIXTURE

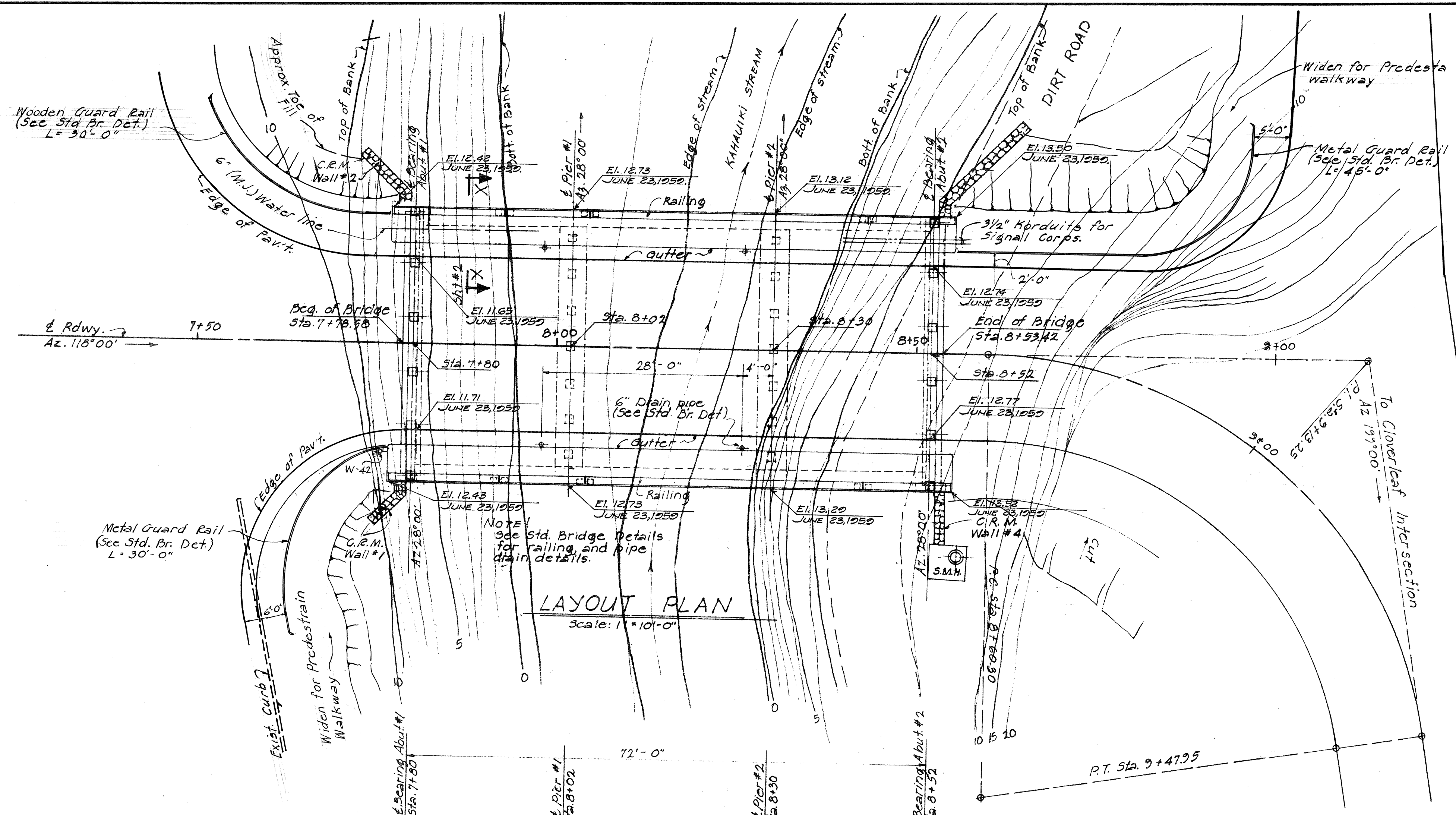
Admixture of "Plastiment" or approved equal shall be added to all concrete according to manufacturer's recommendation.

CONSTRUCTION METHOD

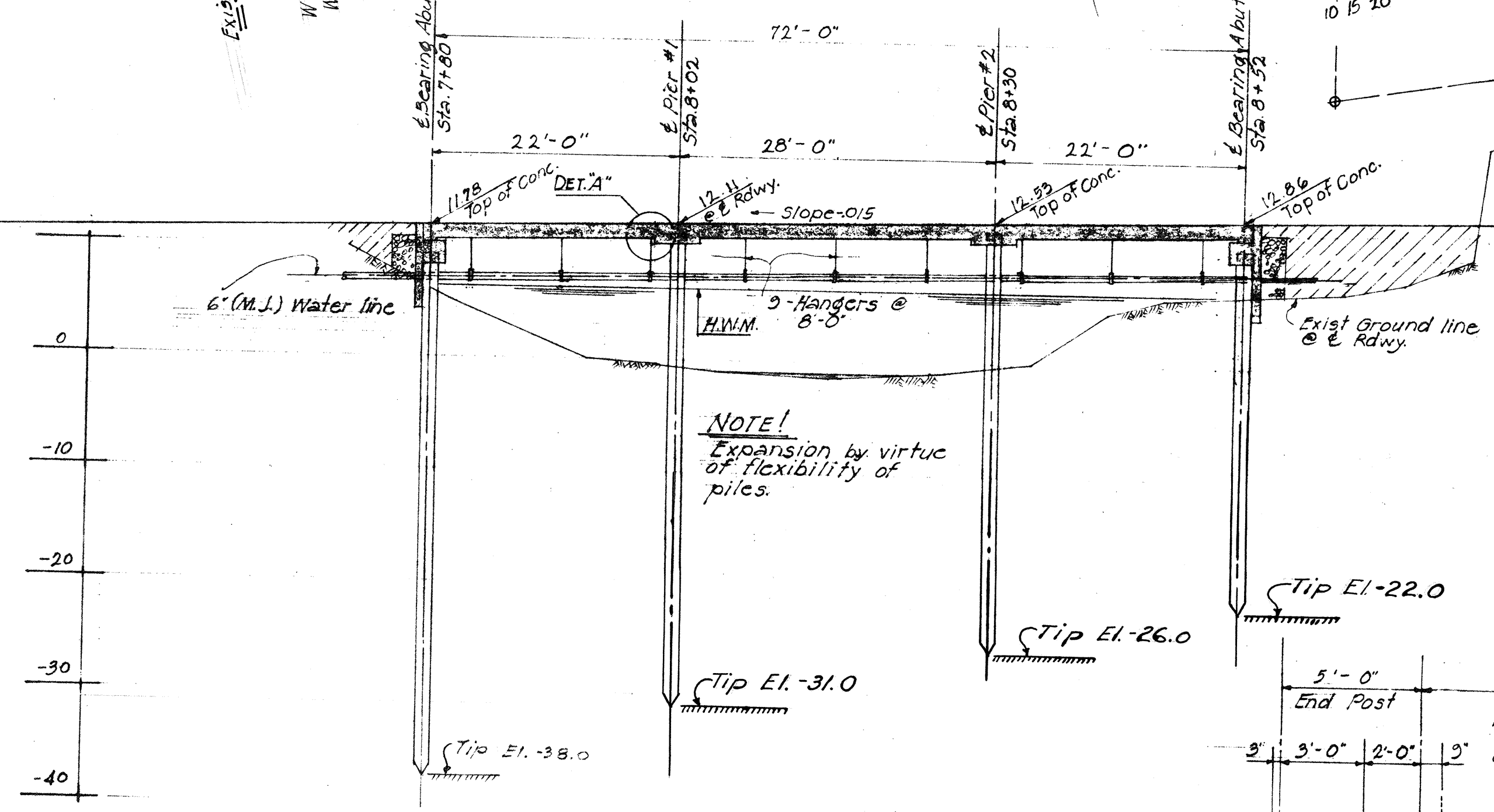
Railing and railing posts shall not be poured until after the release of falsework.
 Backfill - Placing of fill at bridge shall not be started until after the concrete in the superstructure has reached a strength of 3,000 lbs. per sq. in. in compression.

ESTIMATED QUANTITIES

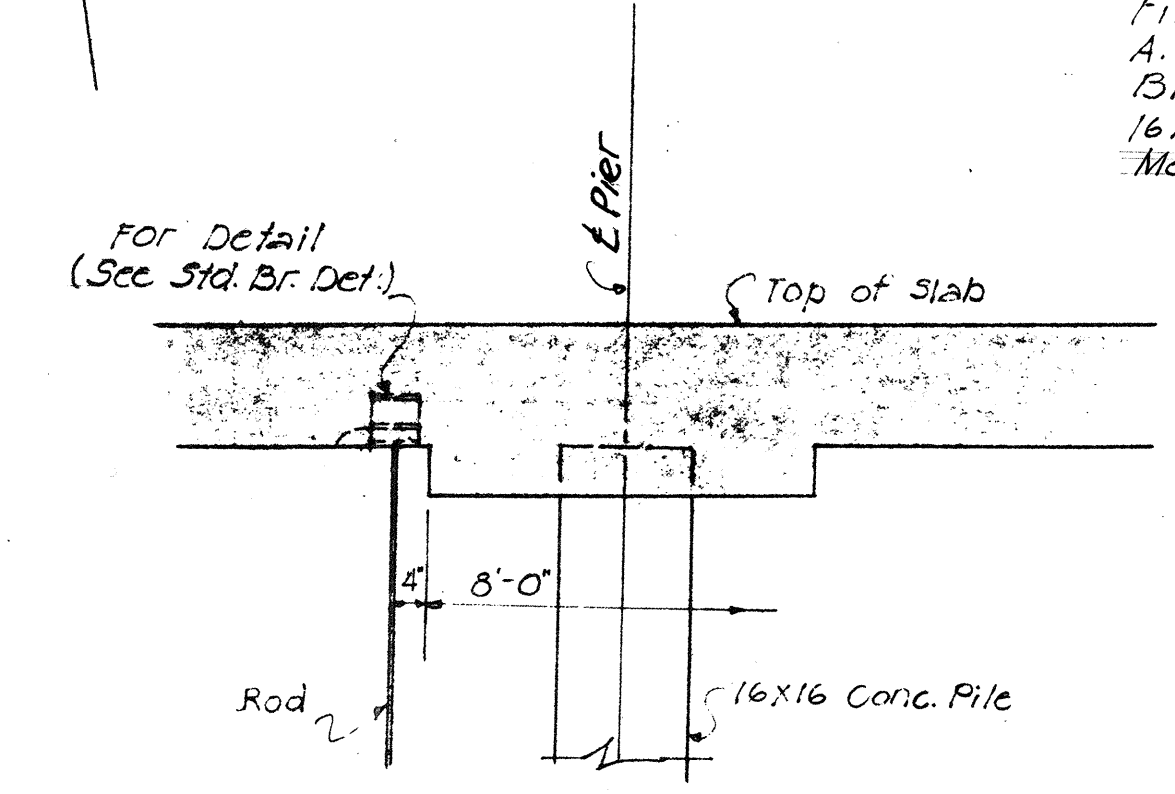
Conc. in Bridge	-----	Lump Sum
Class A-1	-----	175 cu. yd.
Reinf. Steel	-----	Lump Sum (30,400")
C. R. M.	-----	30 cu. yd.
Structural Exc.	-----	38 cu. yd.
Filter Material	-----	31 cu. yd.
A.C. Pavt.	-----	23 tons
Bituminous tack Coat	-----	50 gal.
16x16 Precast Conc Piles	-----	1105 lin. ft.
Metal Guard Rail	-----	105 lin. ft.



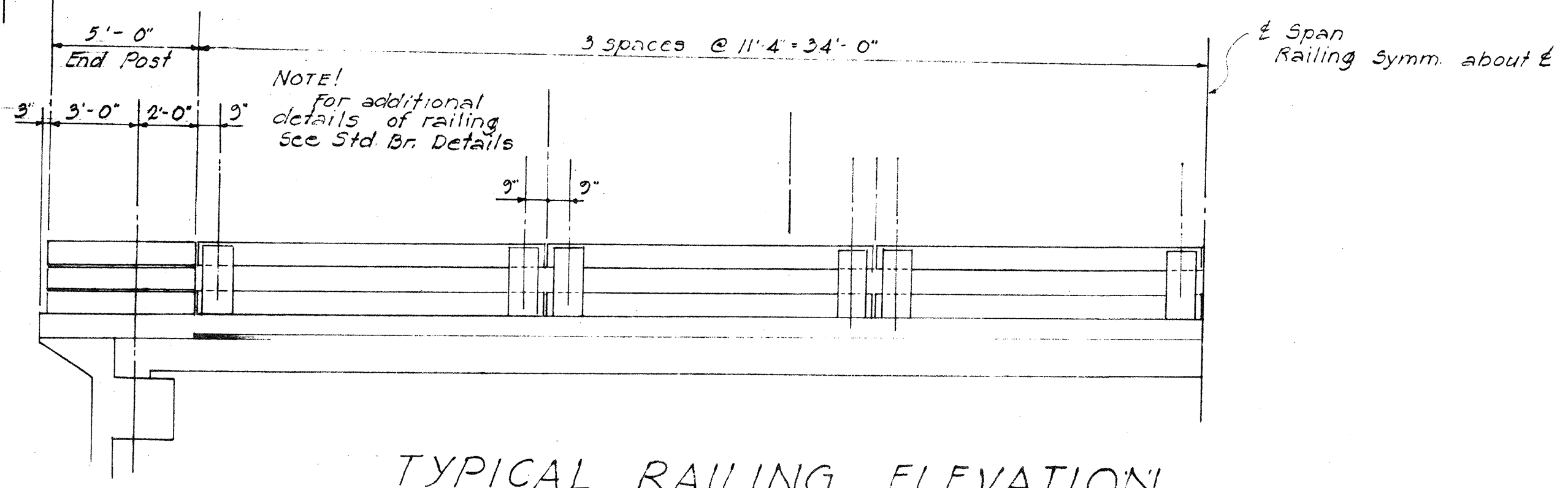
LAYOUT PLAN
 Scale: 1" = 10'-0"



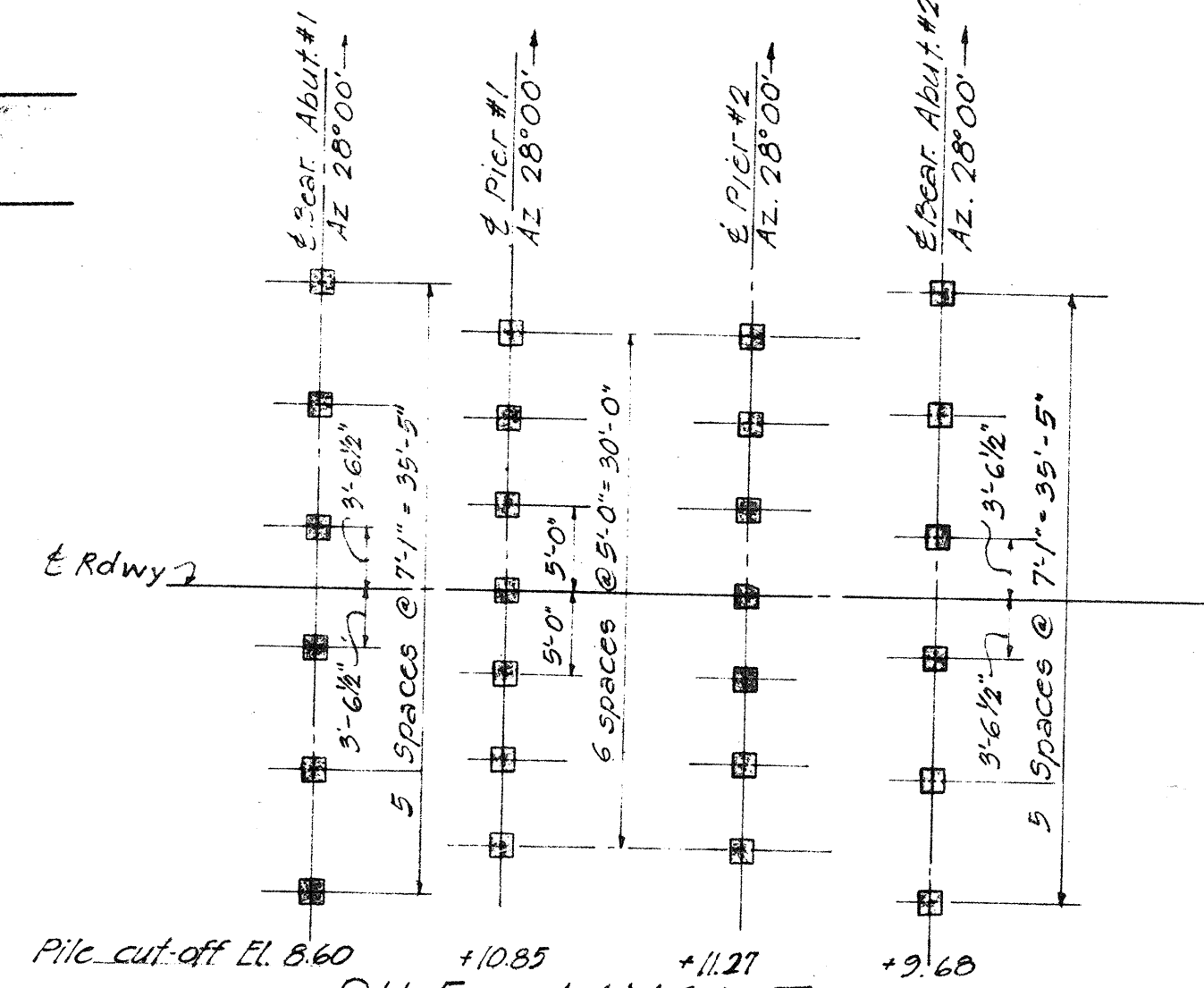
LONG SECTION ALONG ROADWAY
 Scale: 1" = 10'-0"



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



TYPICAL RAILING ELEVATION
 Scale: 1/4" = 1'-0"



PILE LAYOUT
 Scale: Hor. 1" = 20'-0" Vert. 1" = 10'-0"

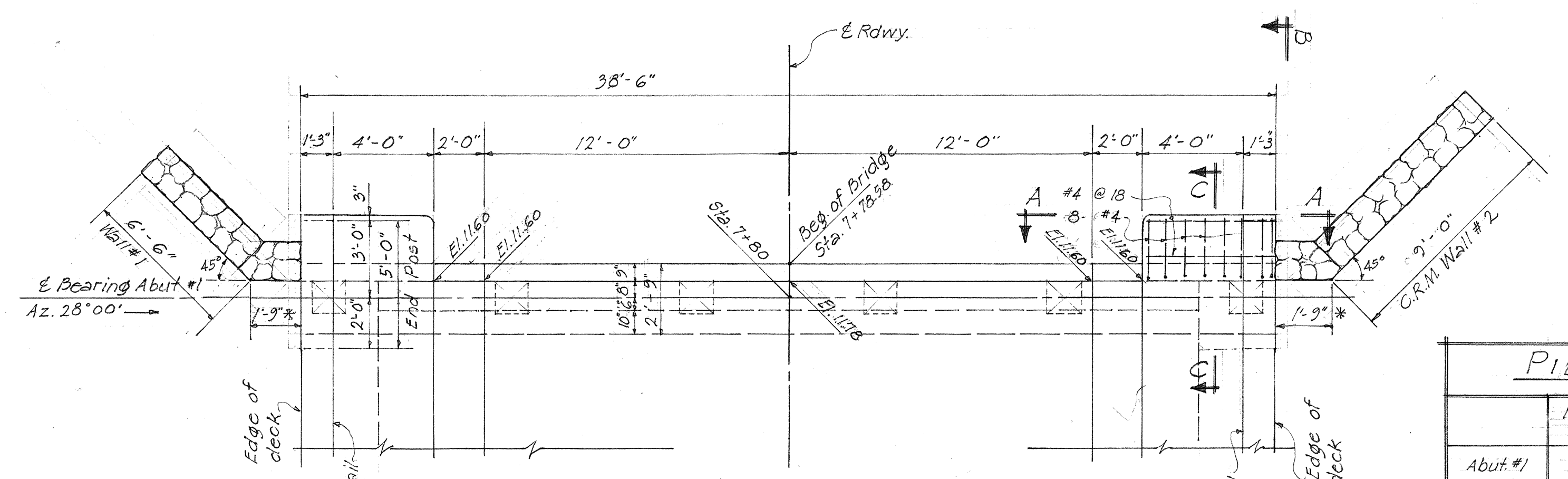
TERRITORIAL HIGHWAY DEPARTMENT
 TERRITORY OF HAWAII

KAHAUIKI MAKAI BRIDGE

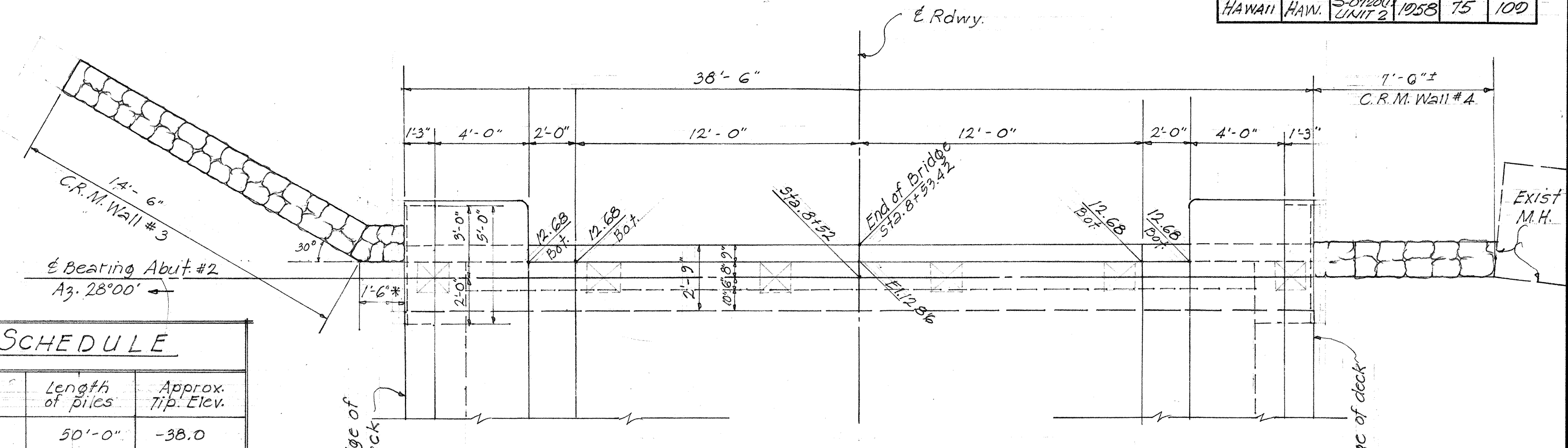
Sta. 7+78.58 to Sta. 8+53.42

MOANALUA RD. Proj. No. 5-0720(1)
 Oct. 1957 UNIT-2

DESIGNED BY: MYAMOTO
 DRAWN BY: G.T.
 CHECKED BY: G.T.
 DATE: 10-27-57

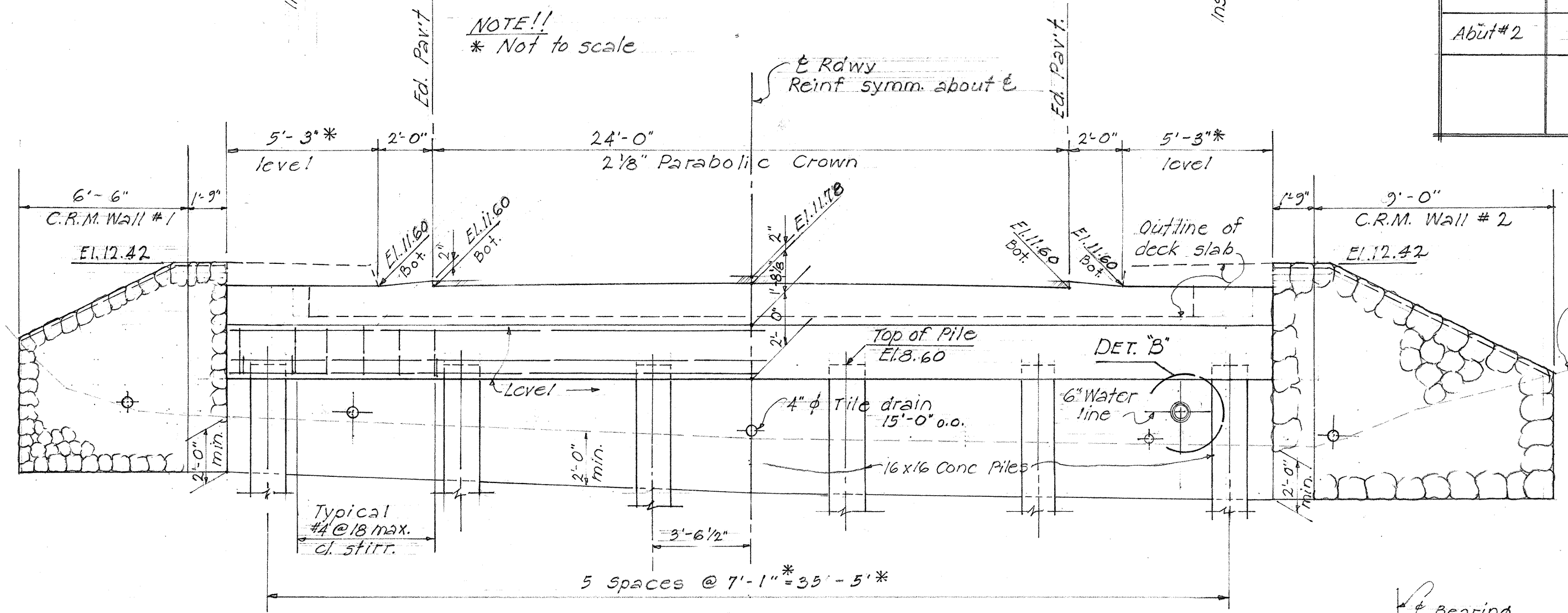


PLAN - ABUT N°1
Scale: 1/4" = 1'-0"

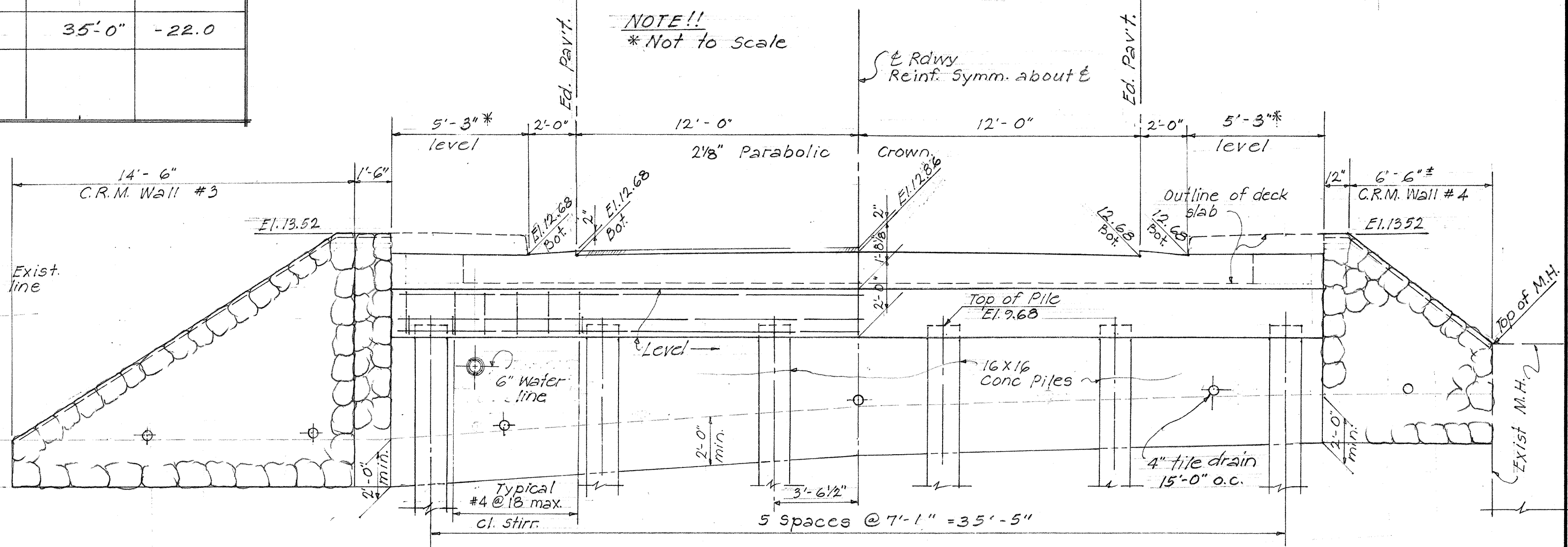


PLAN - ABUT N°2
Scale: 1/4" = 1'-0"

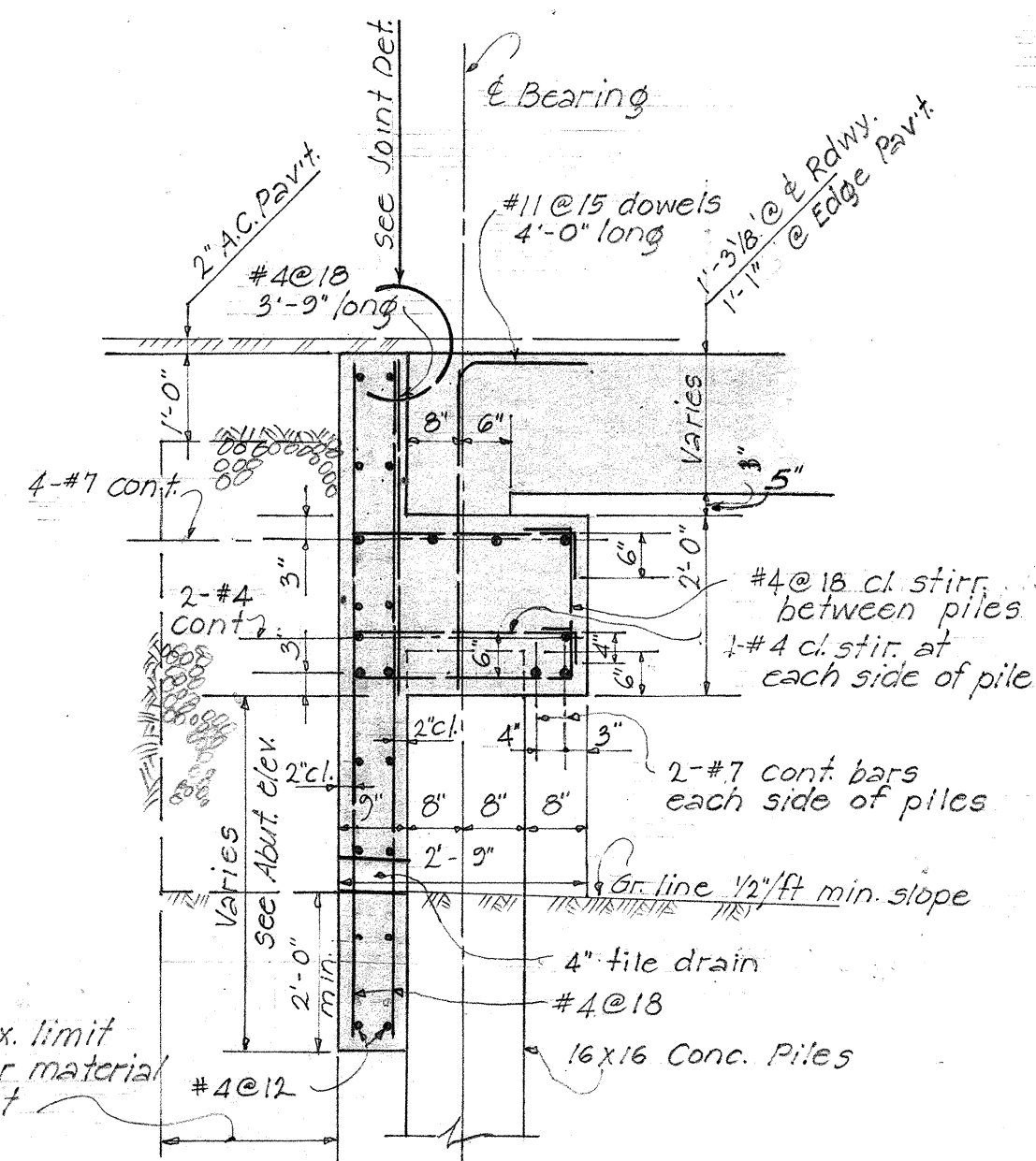
PILE SCHEDULE			
	No. of piles	Length of piles	Approx. Tip Elev.
Abut #1	6	50'-0"	-38.0
Pier #1	7	45'-0"	-31.0
Pier #2	7	40'-0"	-26.0
Abut #2	6	35'-0"	-22.0



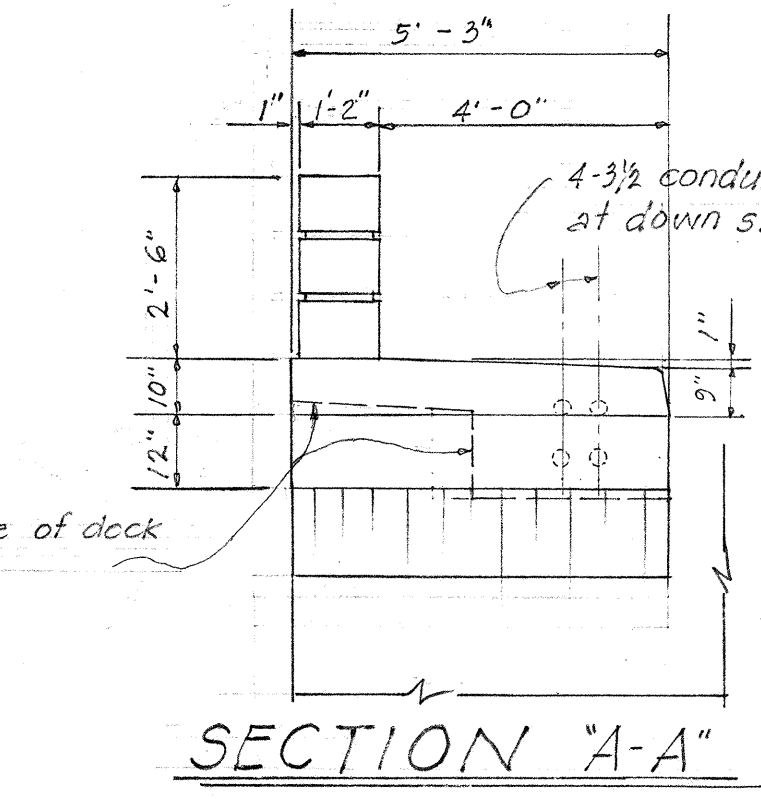
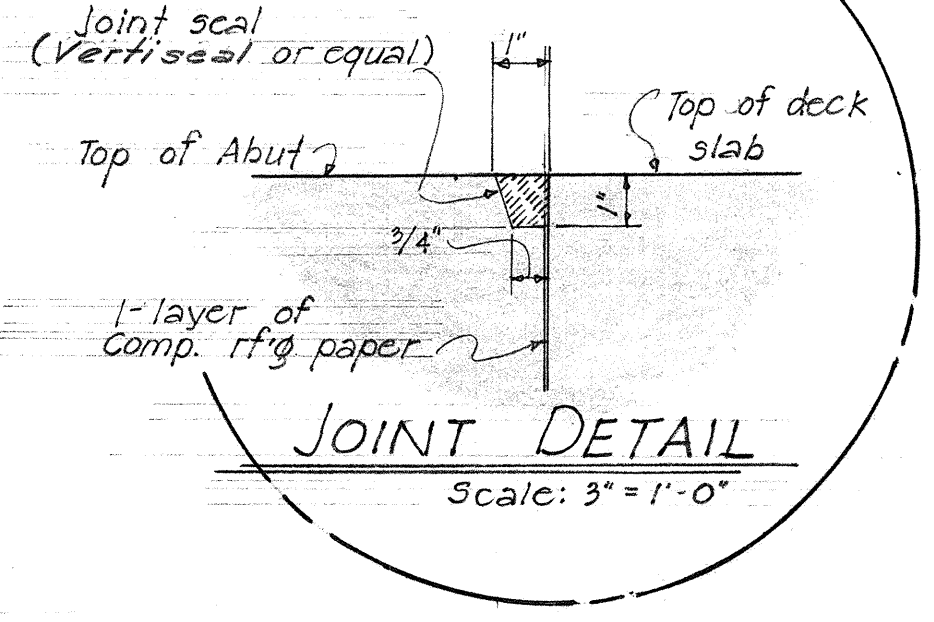
ELEVATION ABUT N°1
Scale: 1/4" = 1'-0"



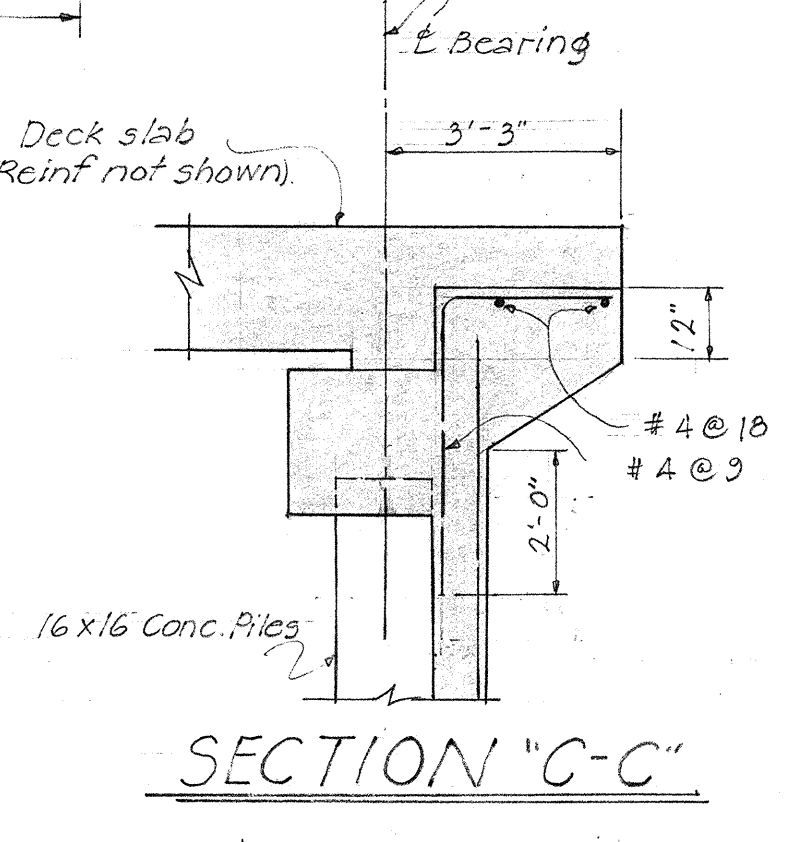
ELEVATION ABUT N°2
Scale: 1/4" = 1'-0"



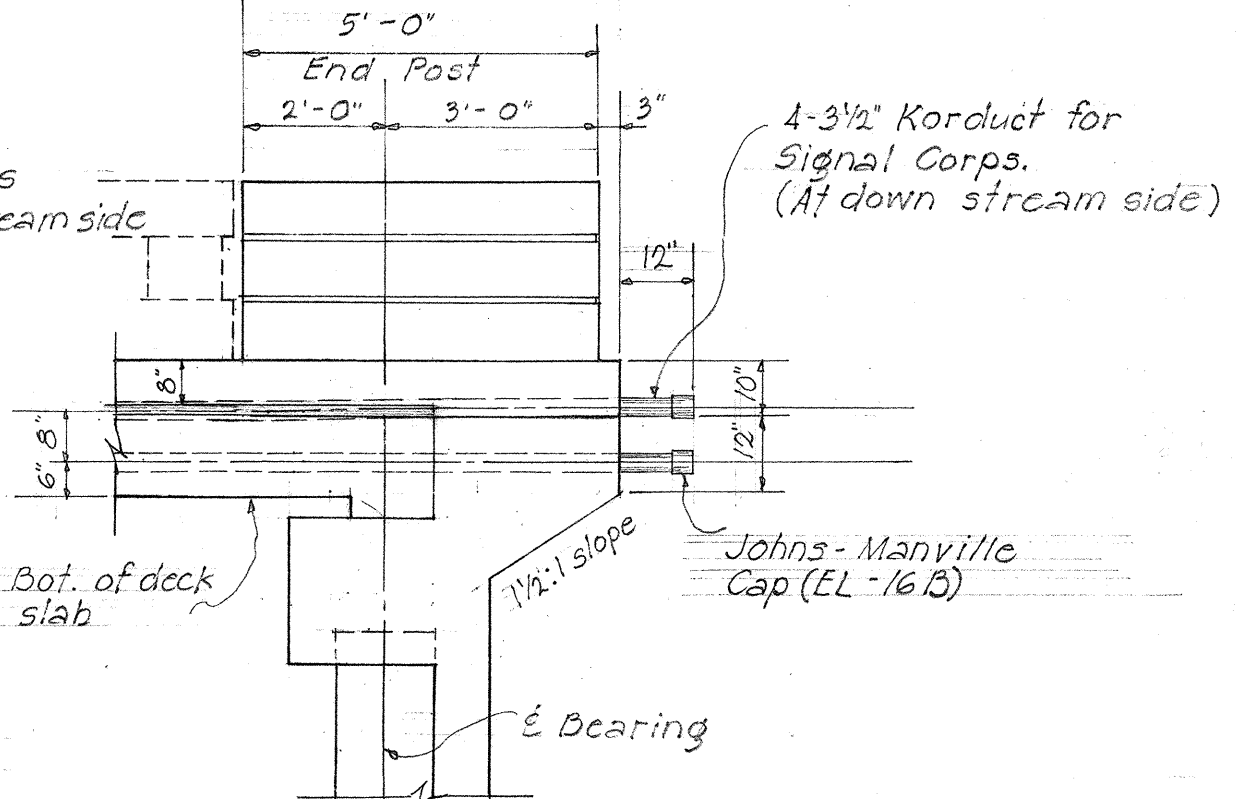
TYPICAL SECTION
Scale: 1/2" = 1'-0"



SECTION A-A

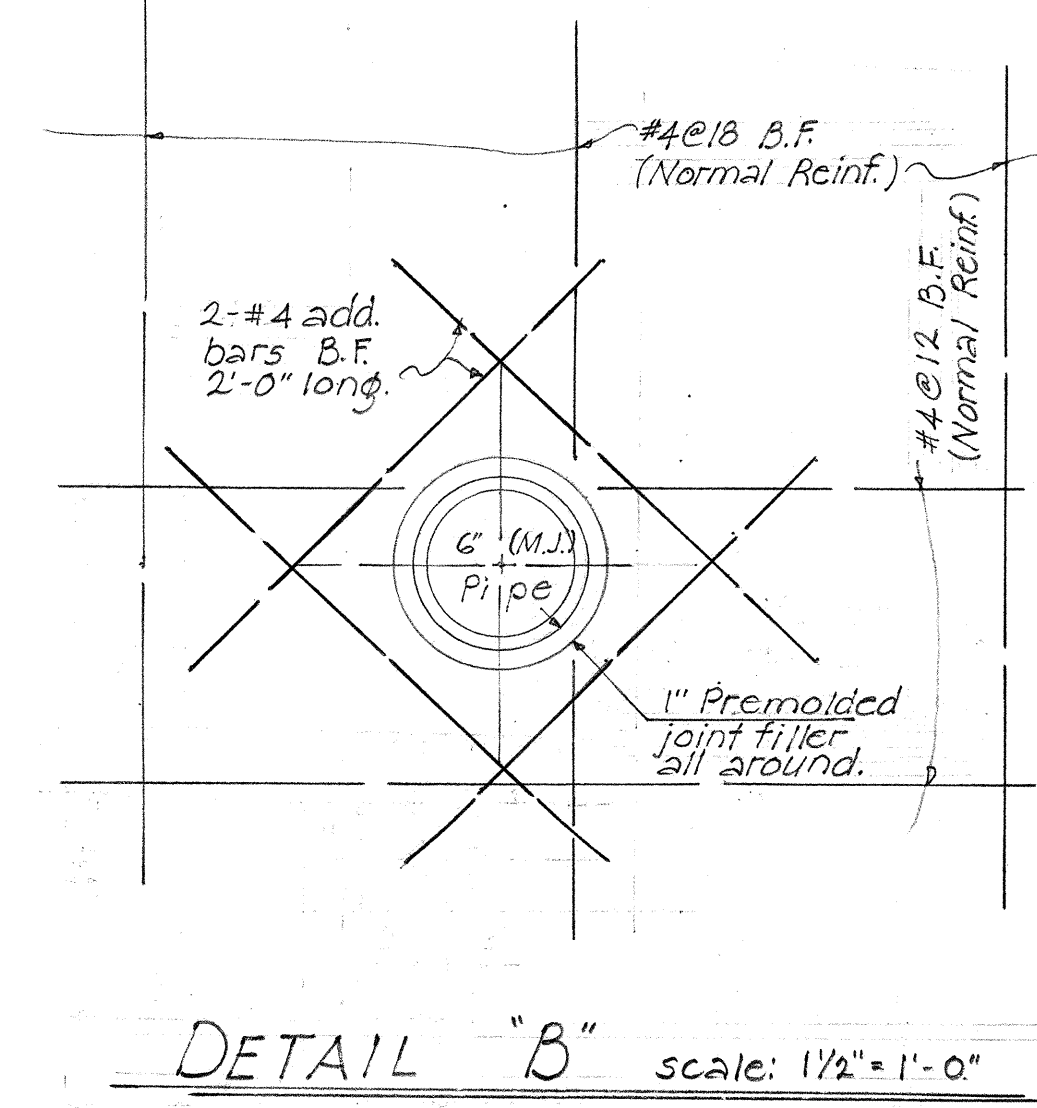


SECTION C-C

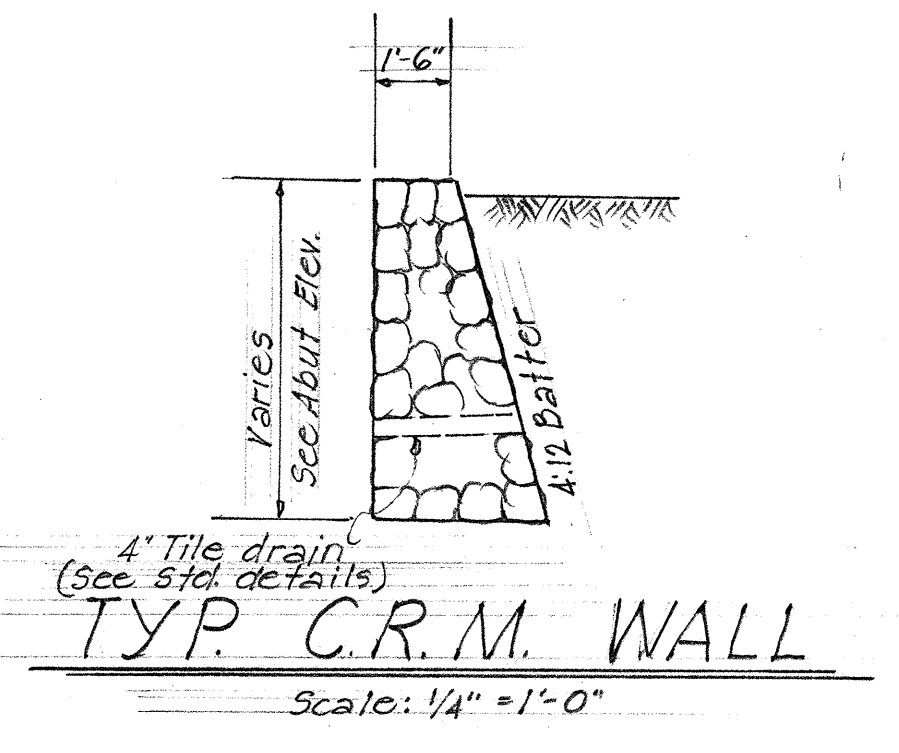


SECTION B-B

TYPICAL END POST DETAIL
Scale: 3/8" = 1'-0"



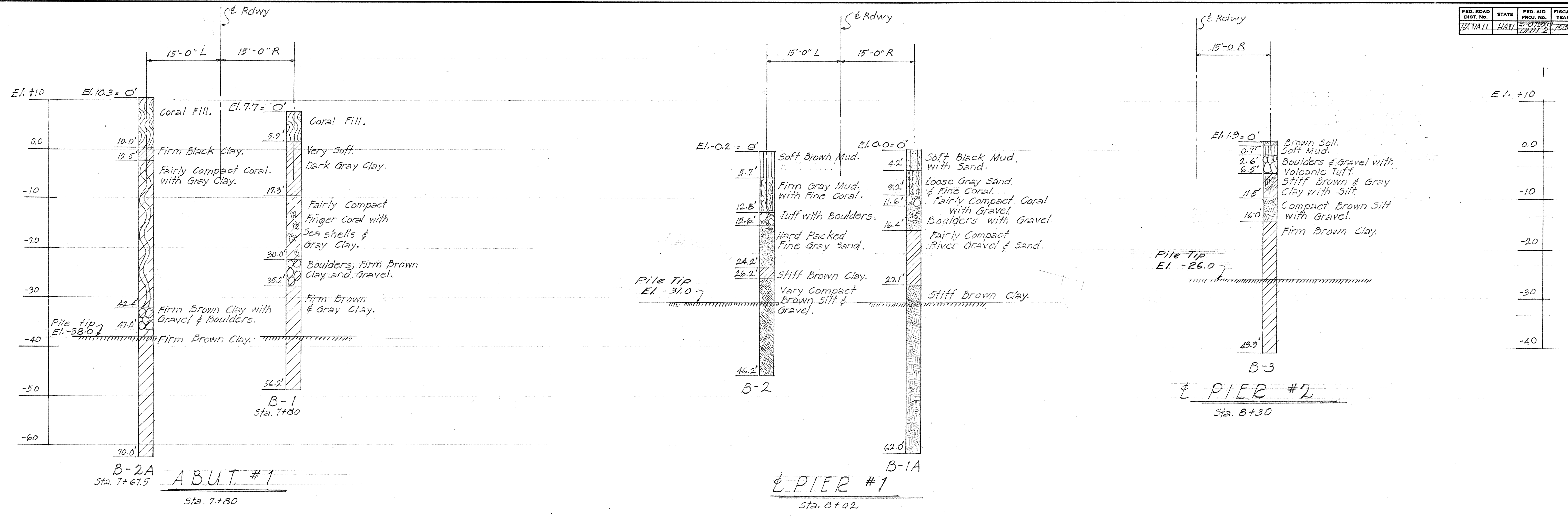
DETAIL B scale: 1 1/2" = 1'-0"



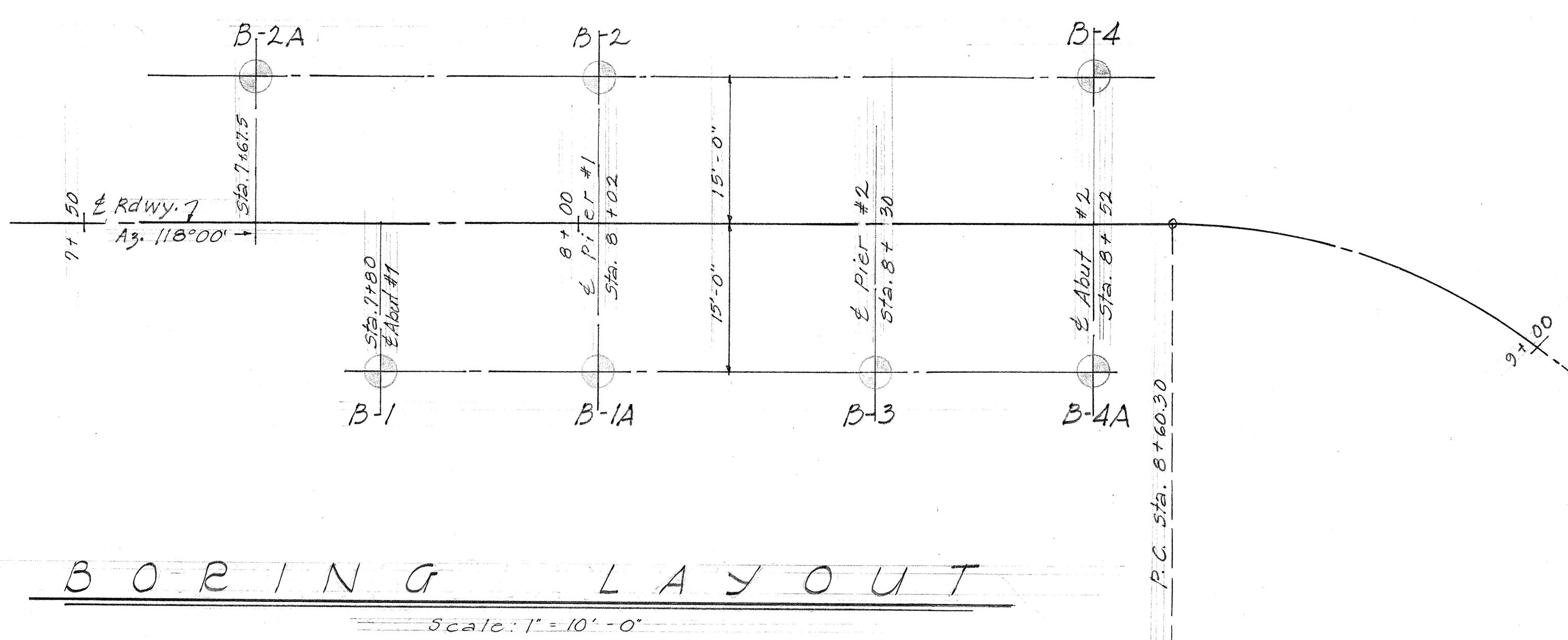
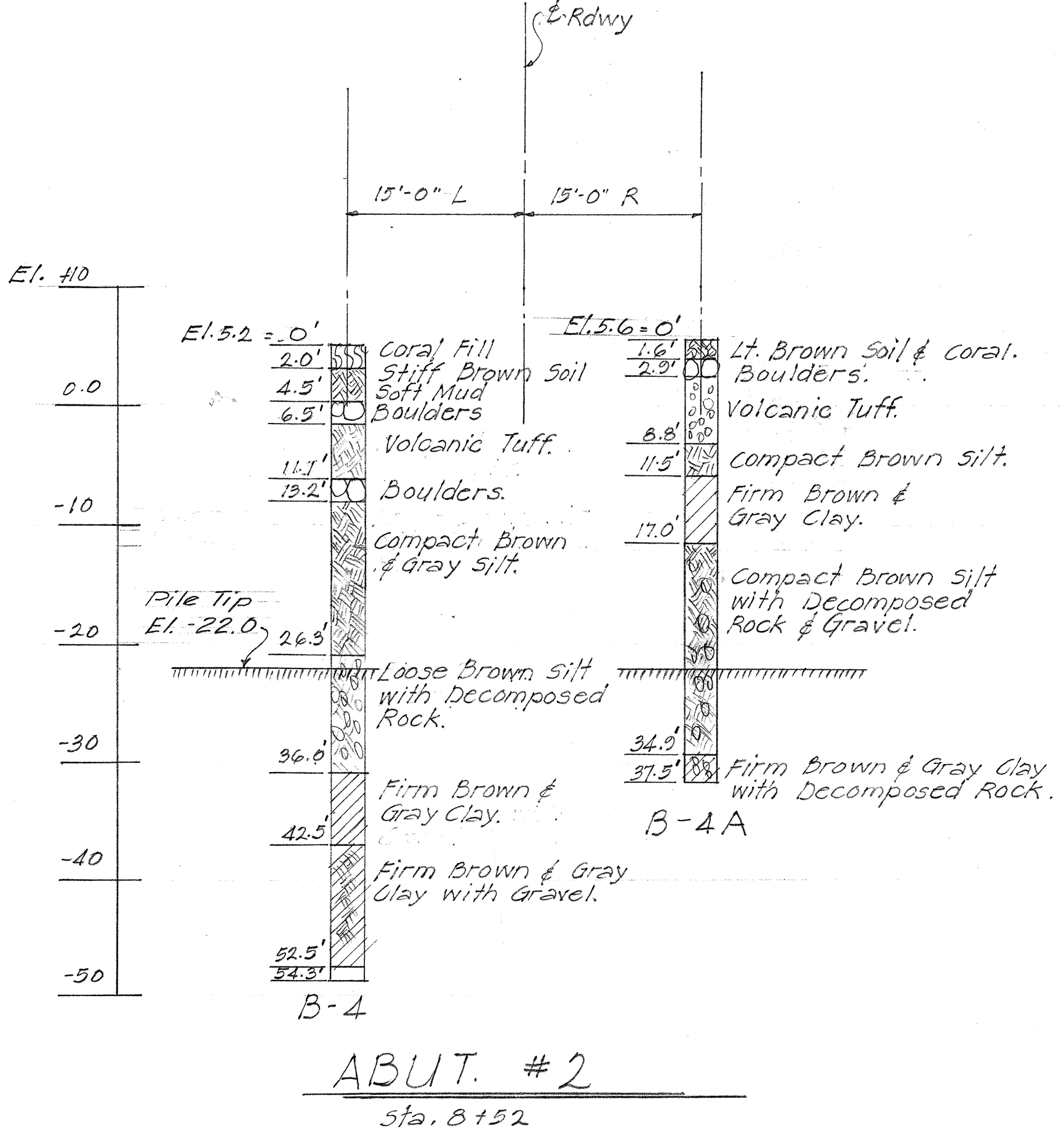
TYP. C.R.M. WALL
Scale: 1/4" = 1'-0"

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAHAULIKI MAKAI BRIDGE
Sta. 7+78.98 to Sta. 8+53.42
MOANALUA RD. Proj. N° 5-0720(1)
Oct. 1957 UNIT - 2

SURVEY PLOTTED BY: J. J. HANAYAMA
DATE: 10-57
DRAWN BY: J. J. HANAYAMA
DATE: 10-57
CHECKED BY: J. J. HANAYAMA
DATE: 10-57
ORIGINAL PLAN NO. 5444.75



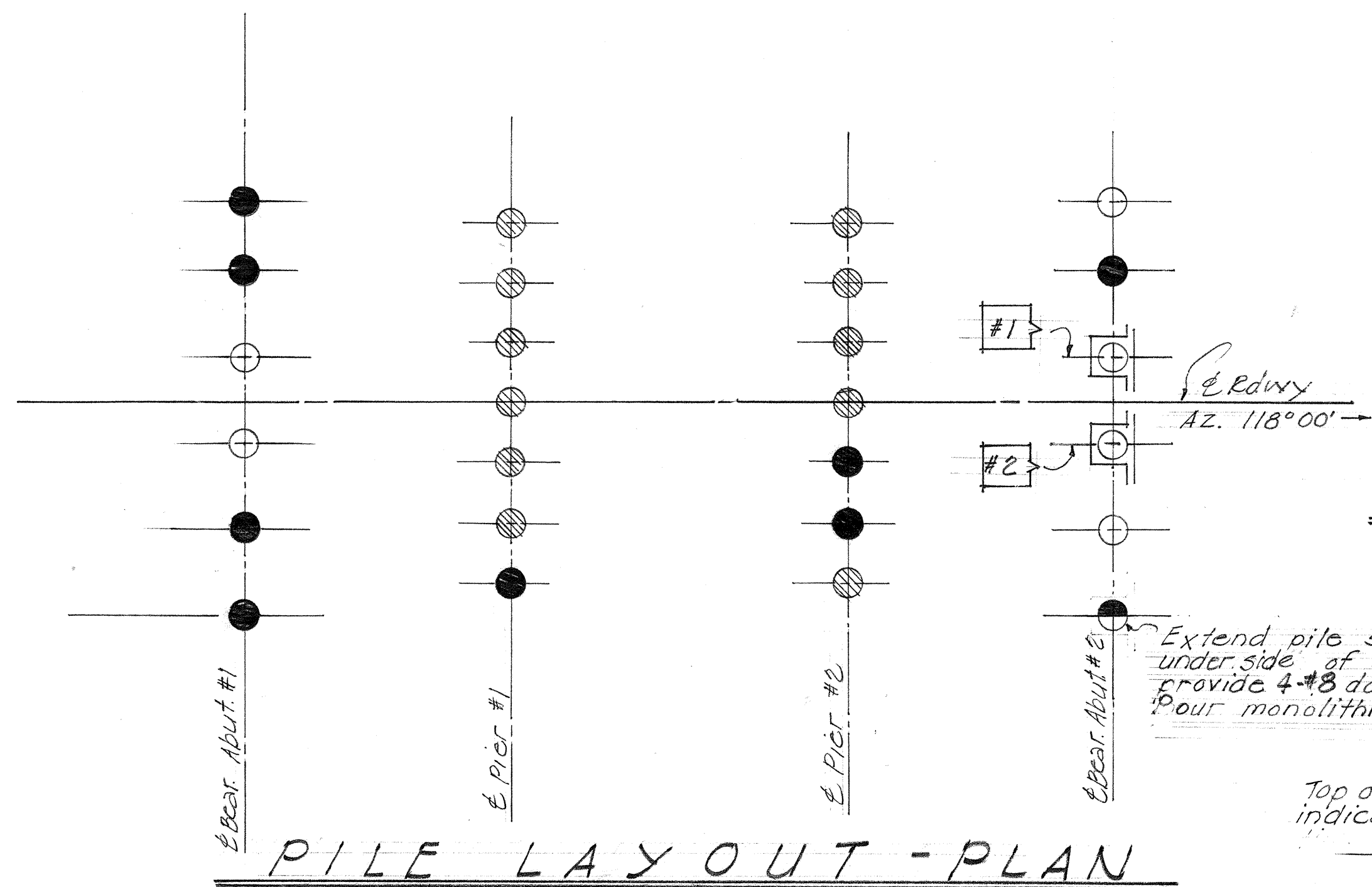
B O R I N G D A T A



DATE: _____
SURVEY PLOTTED BY: _____
DESIGNED BY: _____
TRACED BY: _____
QUANTITIES CHECKED BY: _____
NOTE BOOK NO. _____

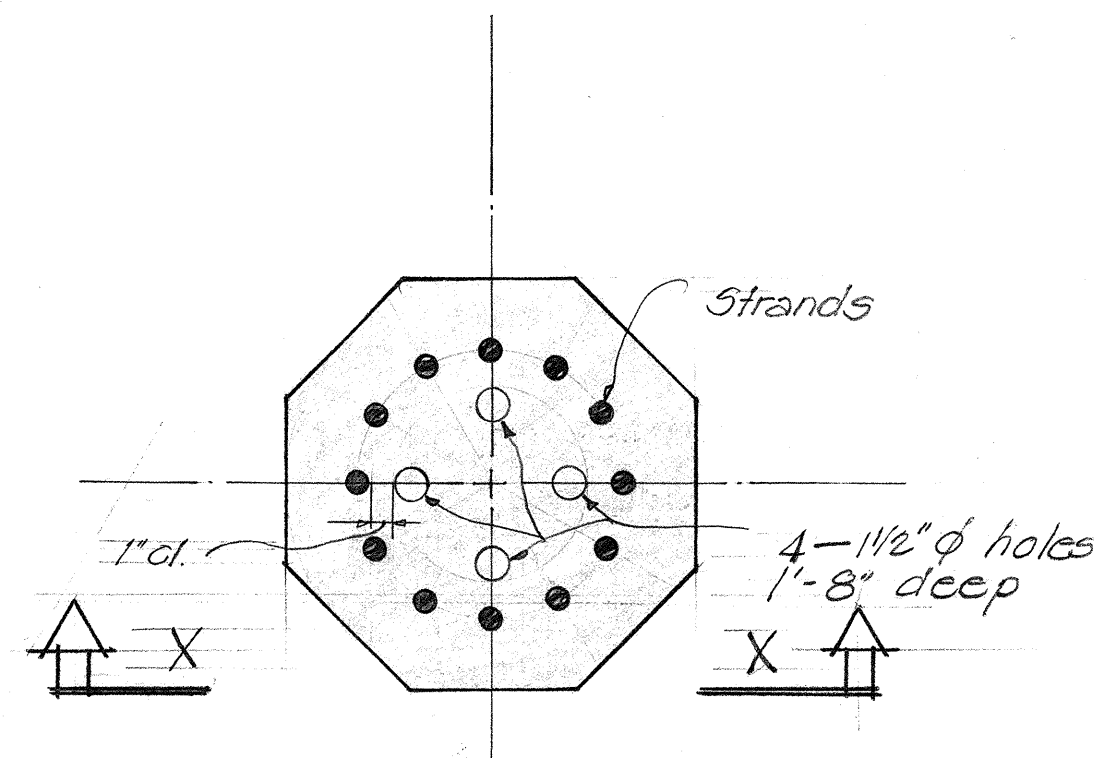
TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAHAUHI MAKAI BRIDGE
Sta. 7+78.58 to Sta. 8+59.42
MOANALUA RD. Proj. No. S-0720 (1)
Oct. 1957

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS



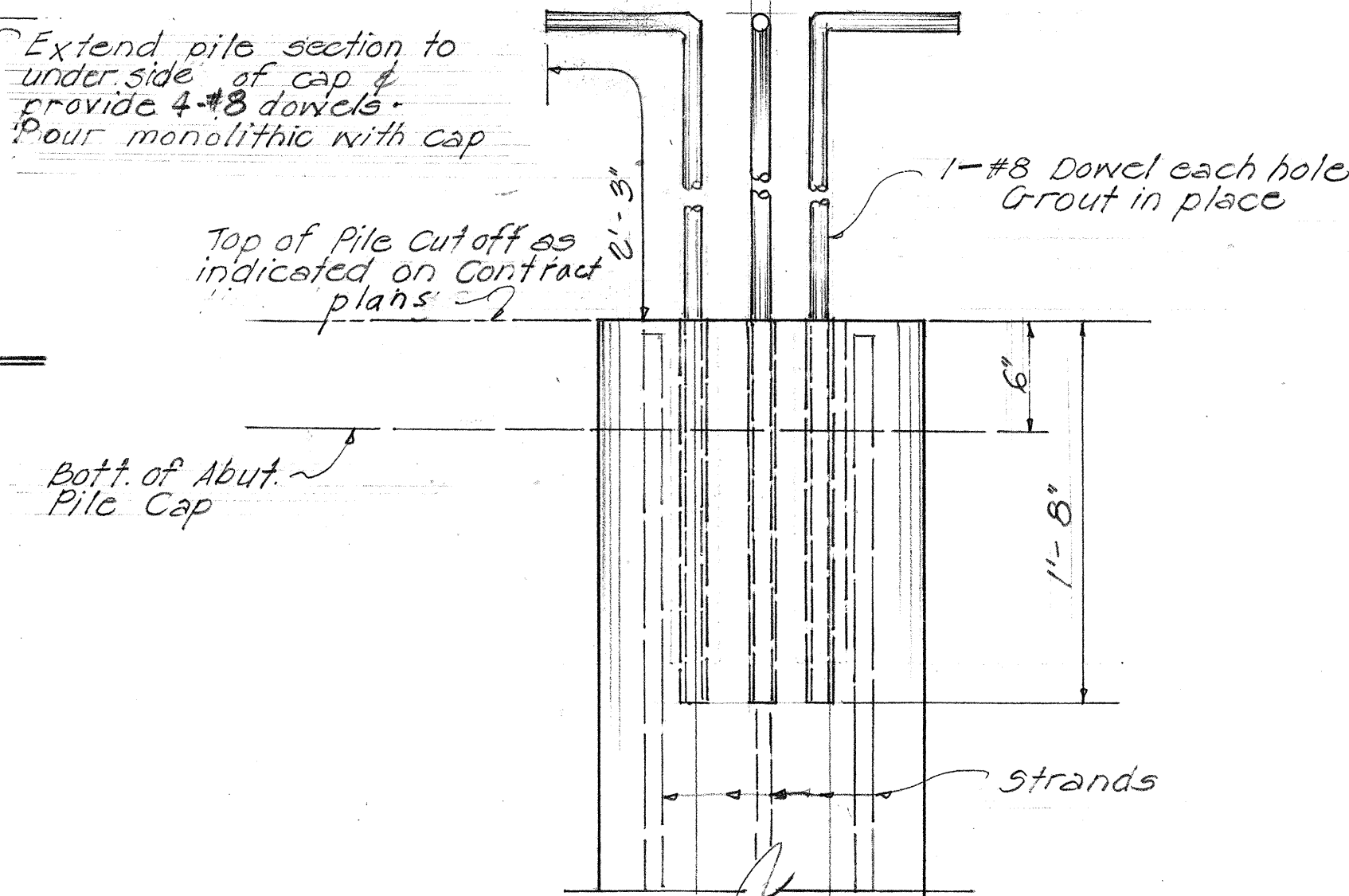
PILE LAYOUT - PLAN

- Pile buildup - See Detail Sht #15444.65
- Pile Dowels - See Typ. Detail "A"
- Cut pile at cutoff elev. indicated on contract plans and expose strands.
- Pile Cap - See Typ. Detail "B"
- See note in Pile Layout Plan



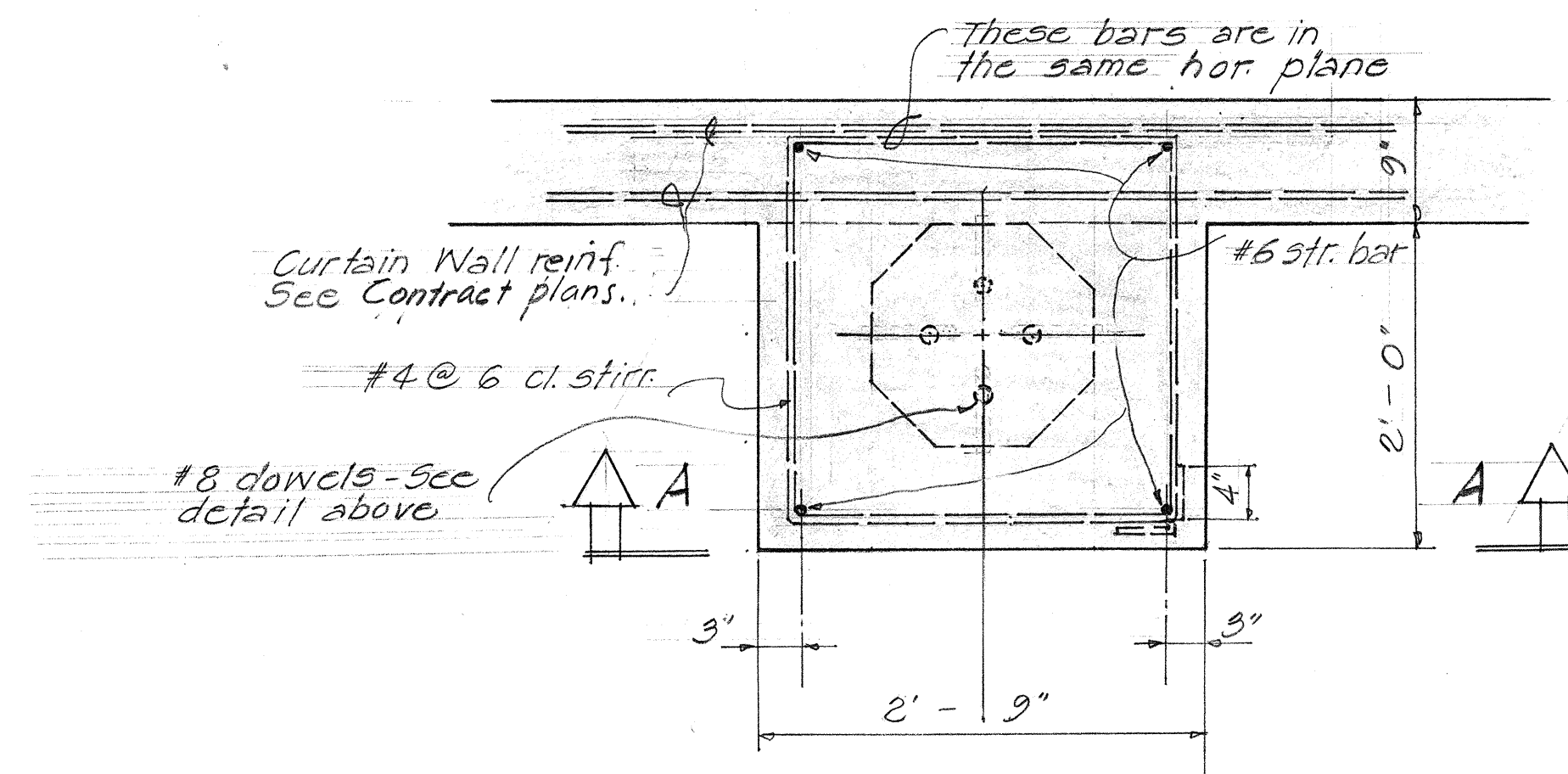
TYP. DETAIL "A" - PILE DOWELS

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



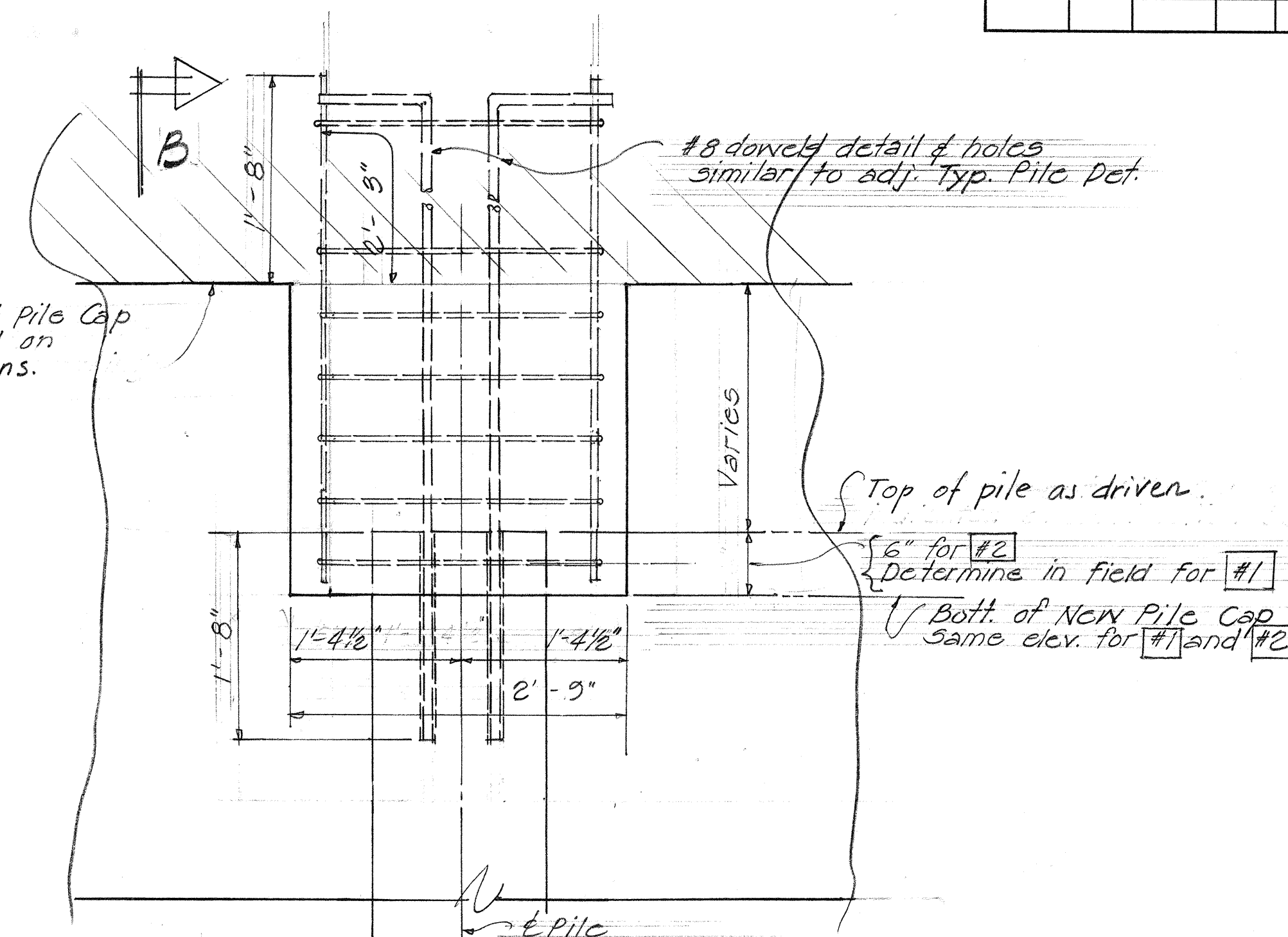
ELEVATION "X-X"

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

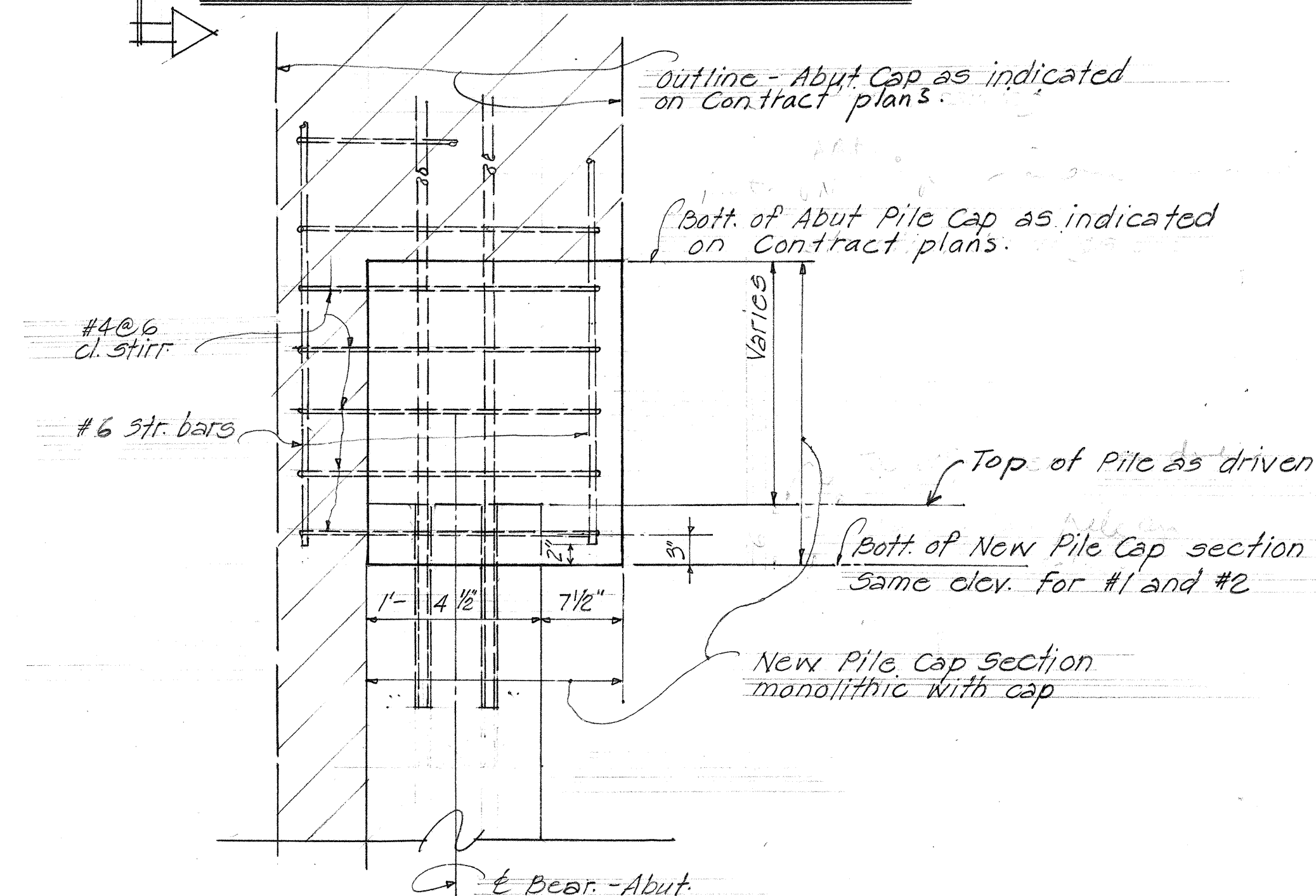


TYP. DETAIL "B" - PILE CAP

Bott. of Abut. Pile Cap as indicated on Contract plans.



B ELEVATION "A-A"



SECTION "B-B"

Scale: 1" = 1'-0"

NOTE!!
All conc. to be Class A-1 conc.

TERRITORIAL HIGHWAY DEPARTMENT
TERRITORY OF HAWAII
KAHAULIKI MAKAI BRIDGE
REVISION TO DEVEN PILES
MOANALUA ROAD
PROJ. S-0720 (1)

SHEET NO. OF SHEETS

5444.76A

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