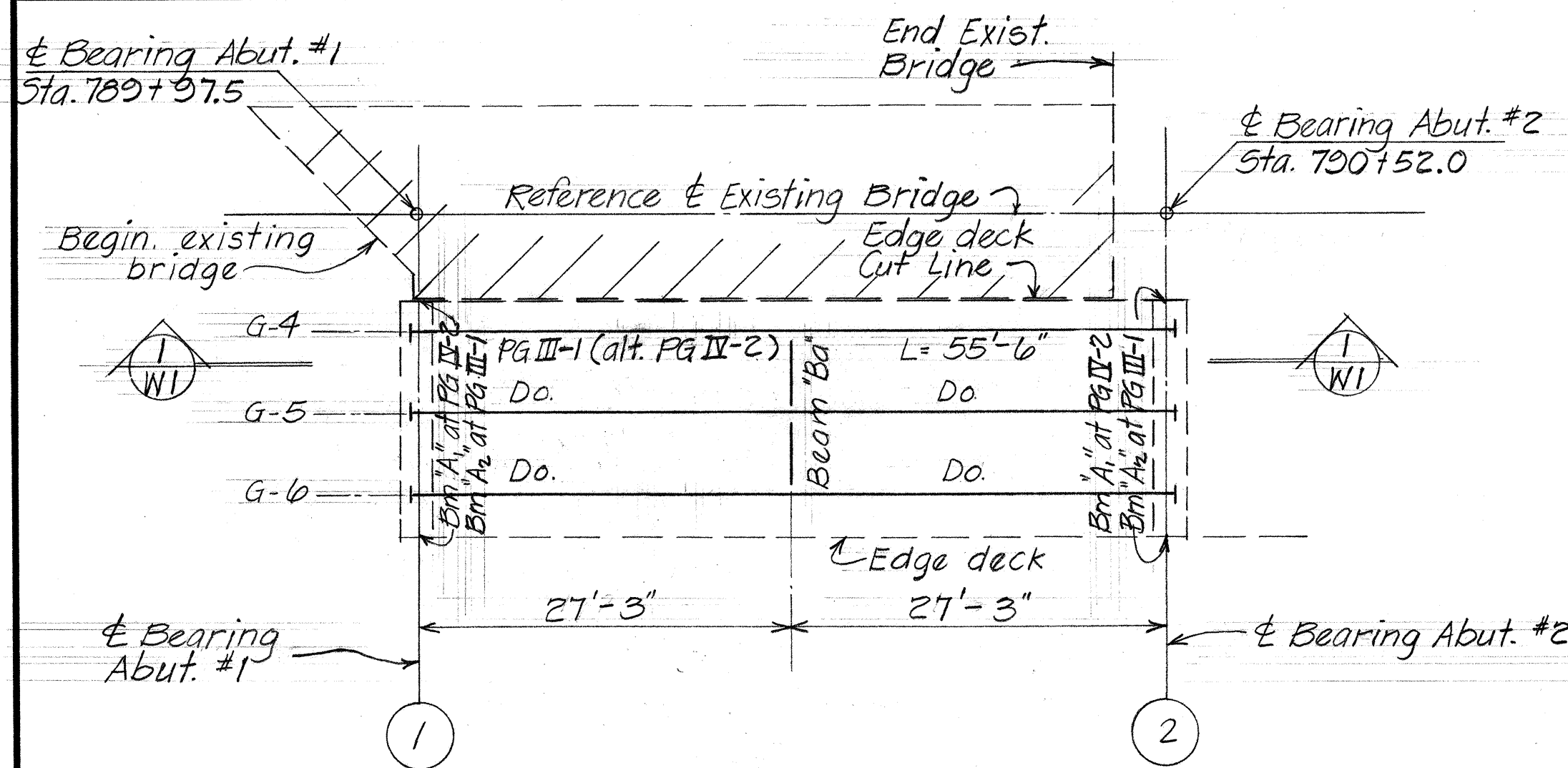
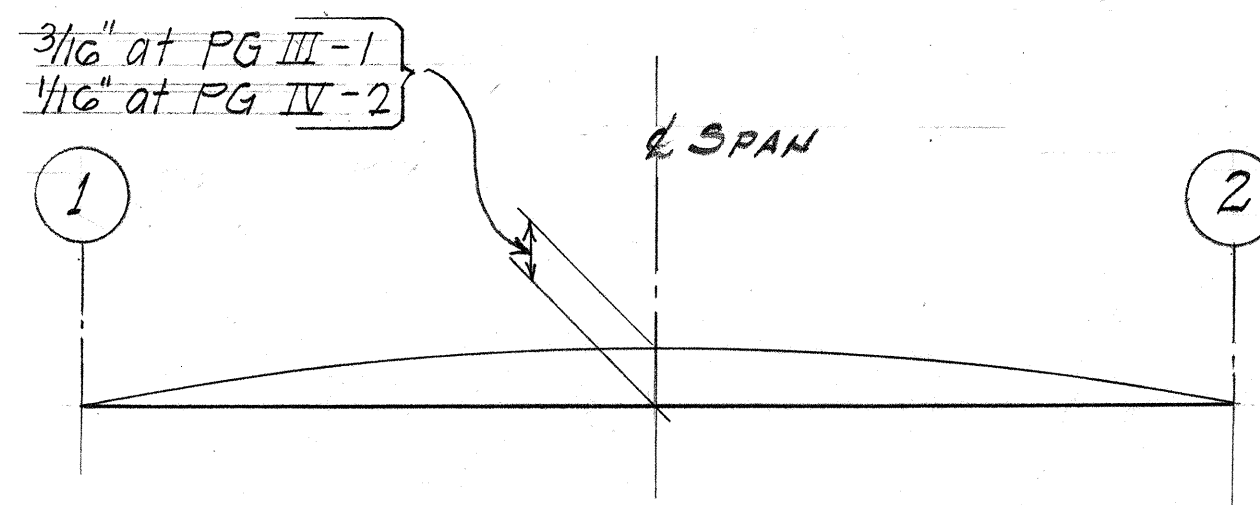




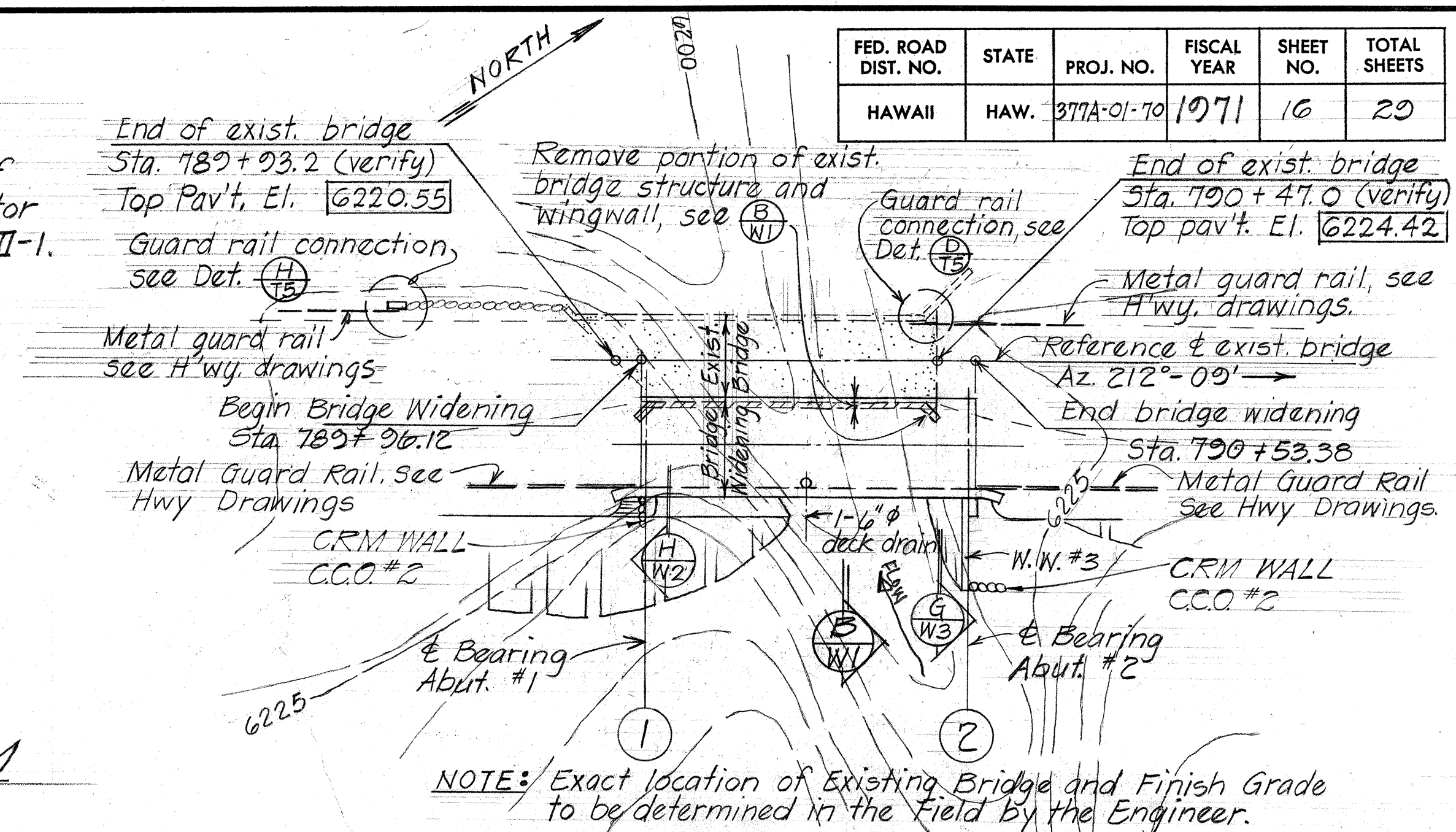
DECK FRAMING PLAN

Scale: 1" = 1'-0"

- NOTES**
- Design notes, general notes, symbols and abbreviations, refer to sht. # T-1
 - These plans in general are prepared for Basic Construction of Bridge utilizing prestressed girders Type PG III-1. The Contractor may substitute alternate Type PG IV-2 Girders in lieu of PG III-1.

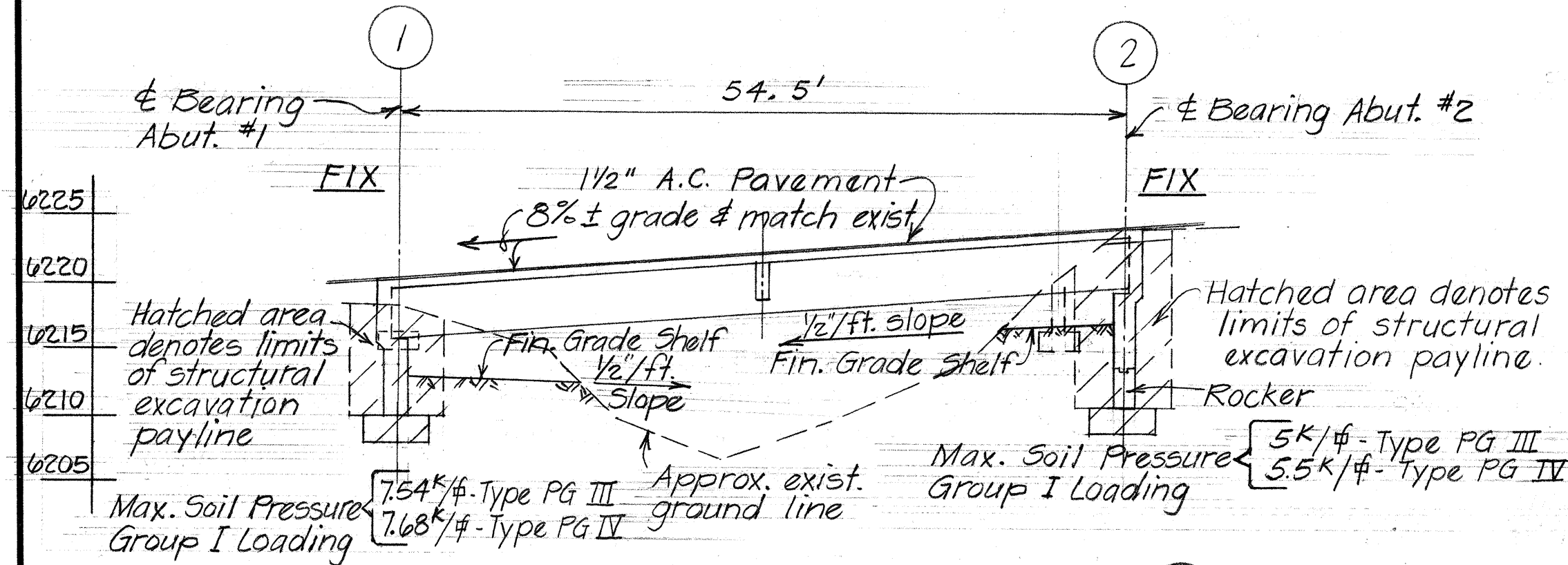


TYPICAL SLAB CAMBER DIAGRAM



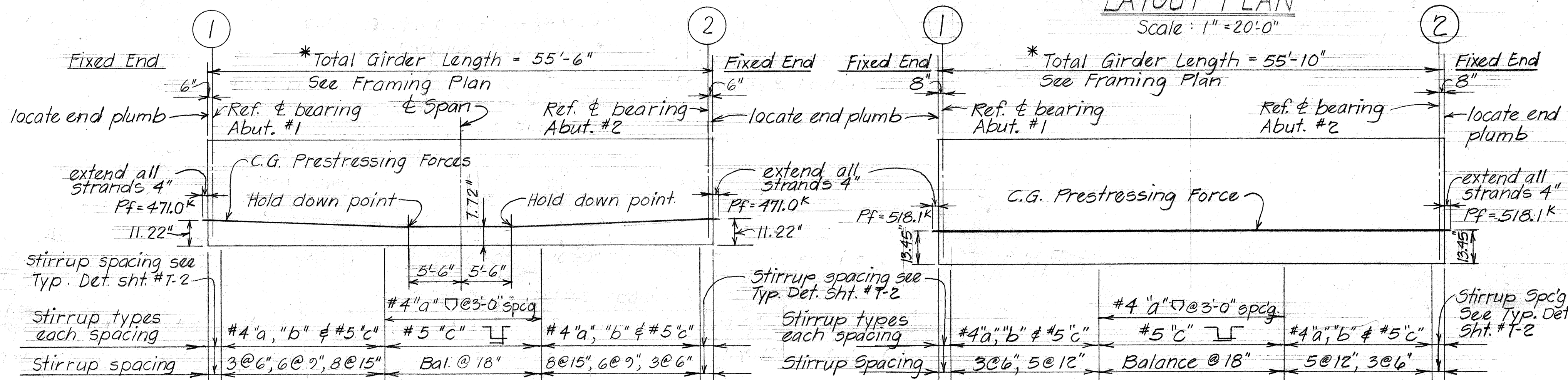
LAYOUT PLAN

Scale: 1" = 20'-0"



LONGITUDINAL SECTION

Scale: 1" = 10'-0"



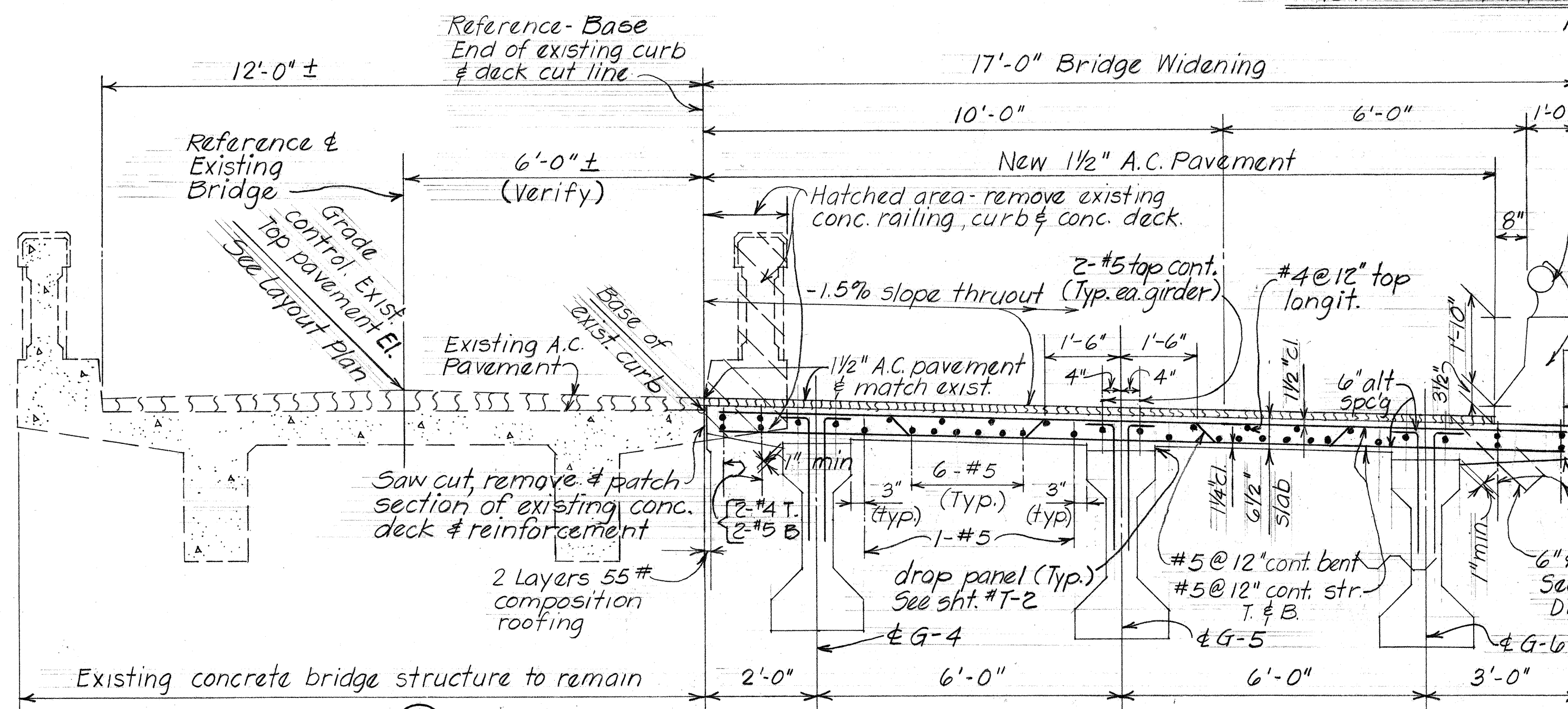
BASIC-TYPE PG III-1 GIRDER DETAILS

Not to Scale

* Girder slope not shown
The contractor shall determine the total slope length of each girder.

ALTERNATE-TYPE PG IV-2 GIRDER DETAILS

Not to Scale



NORMAL DECK SECTION

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

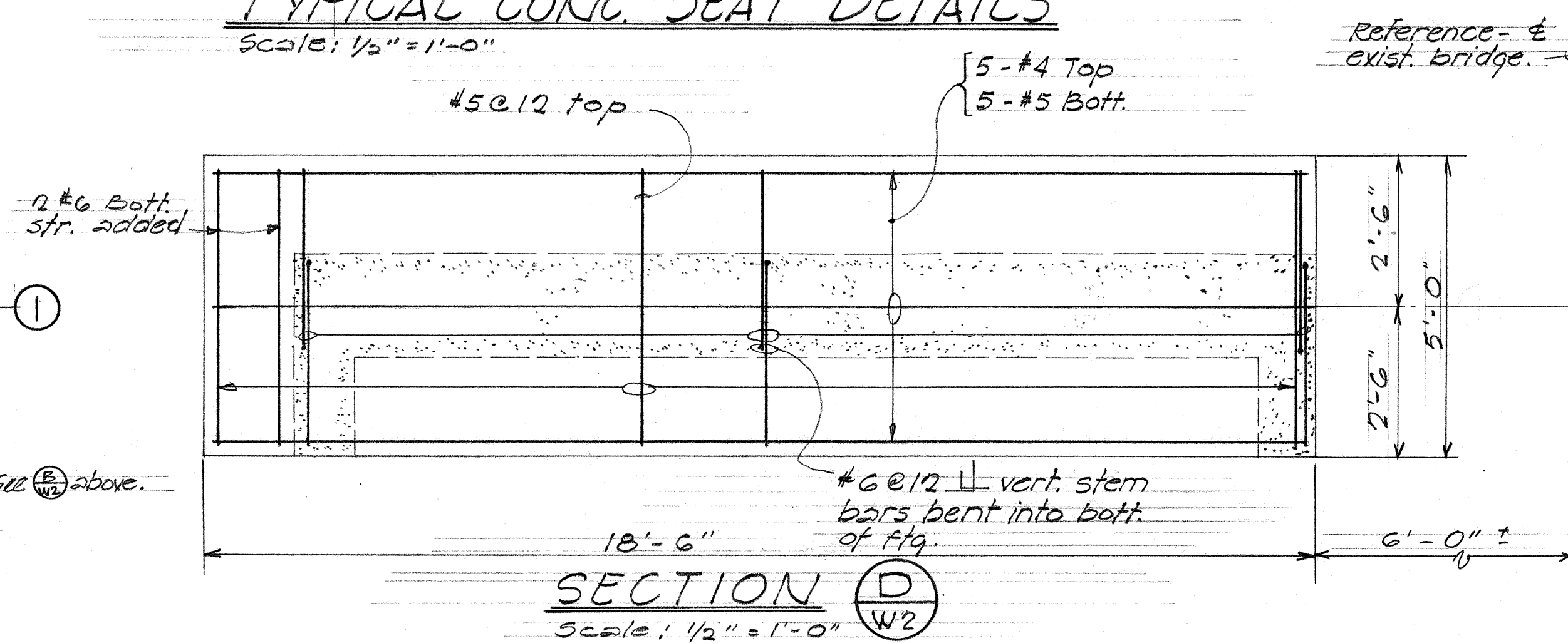
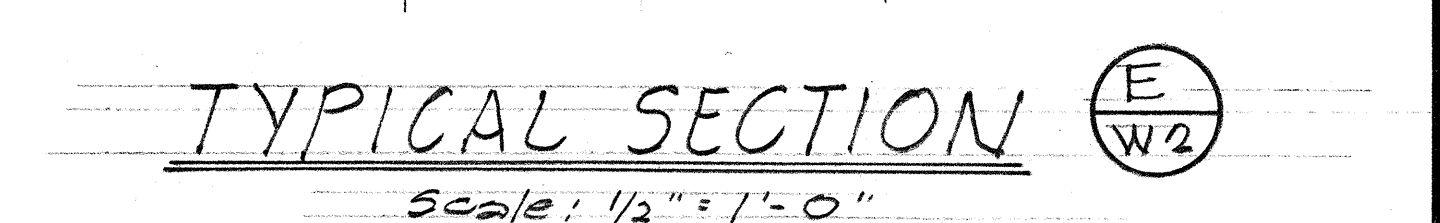
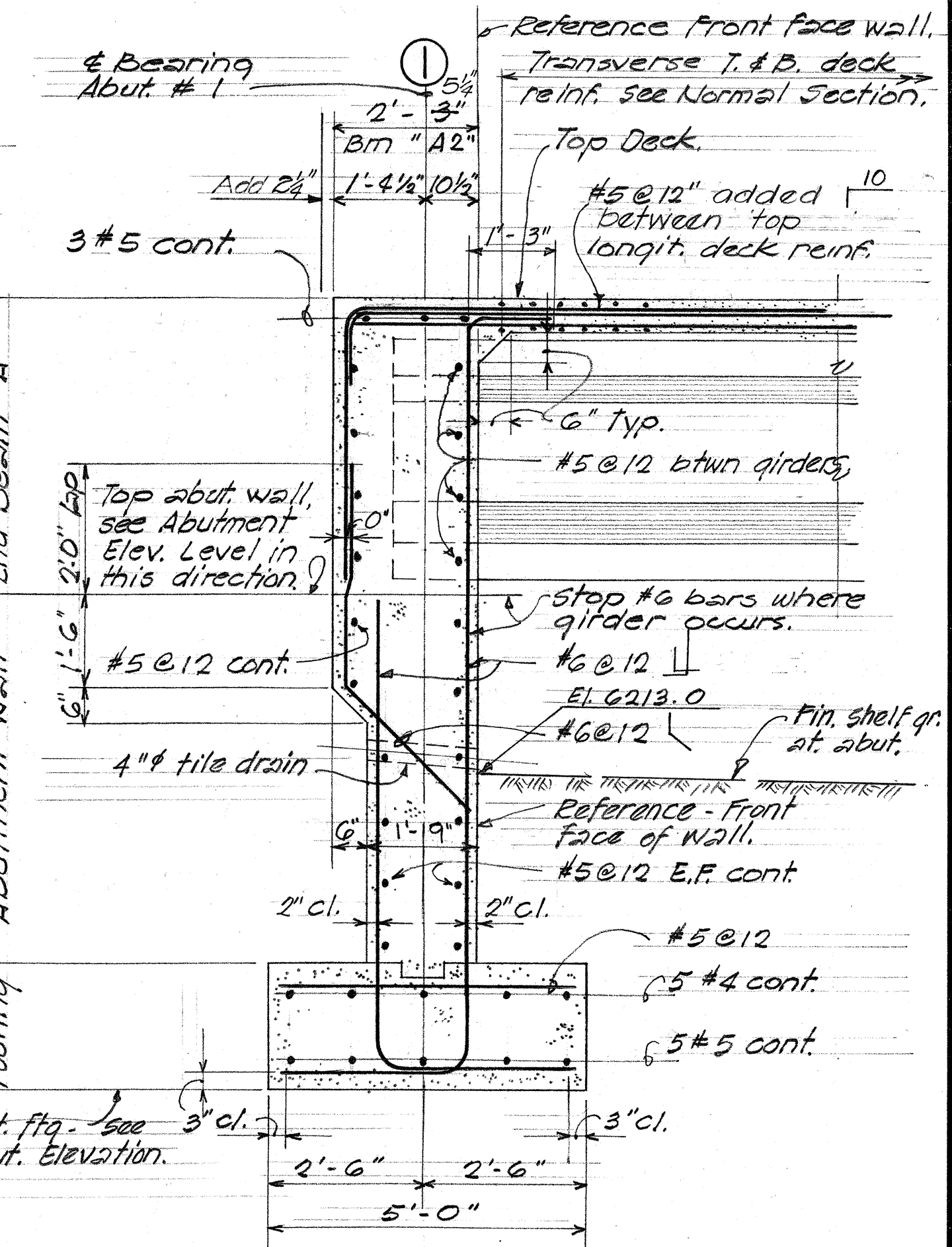
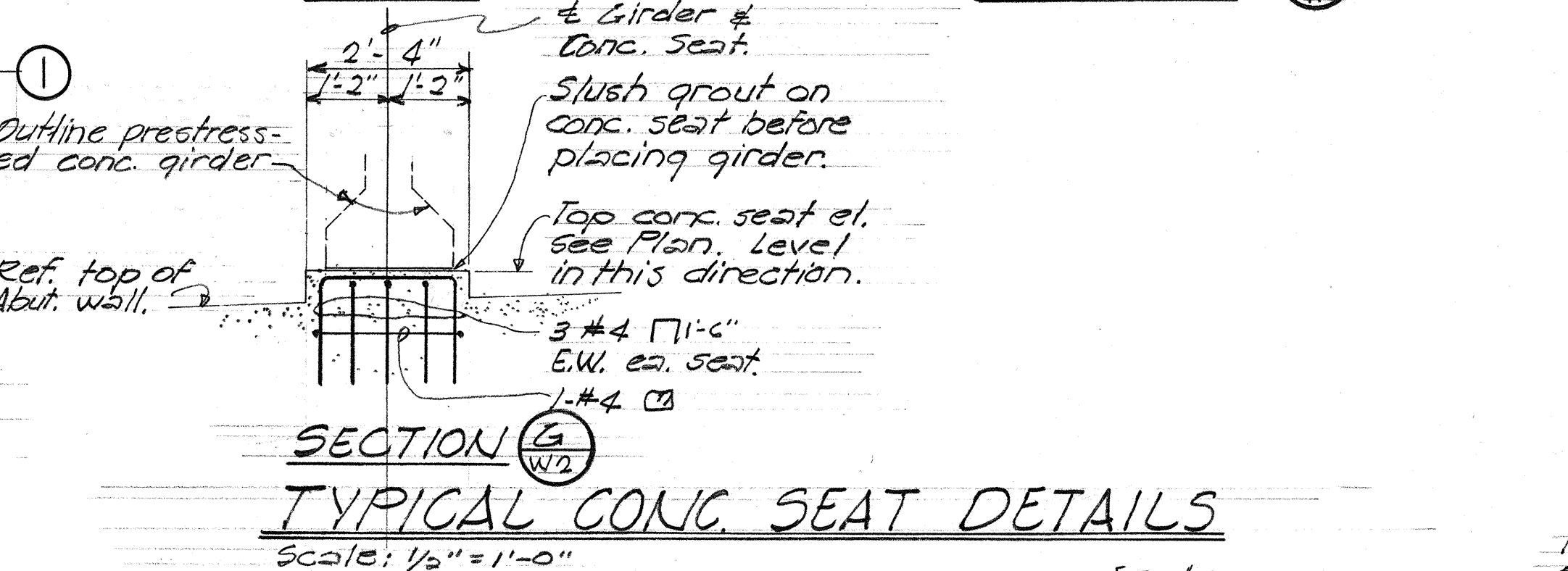
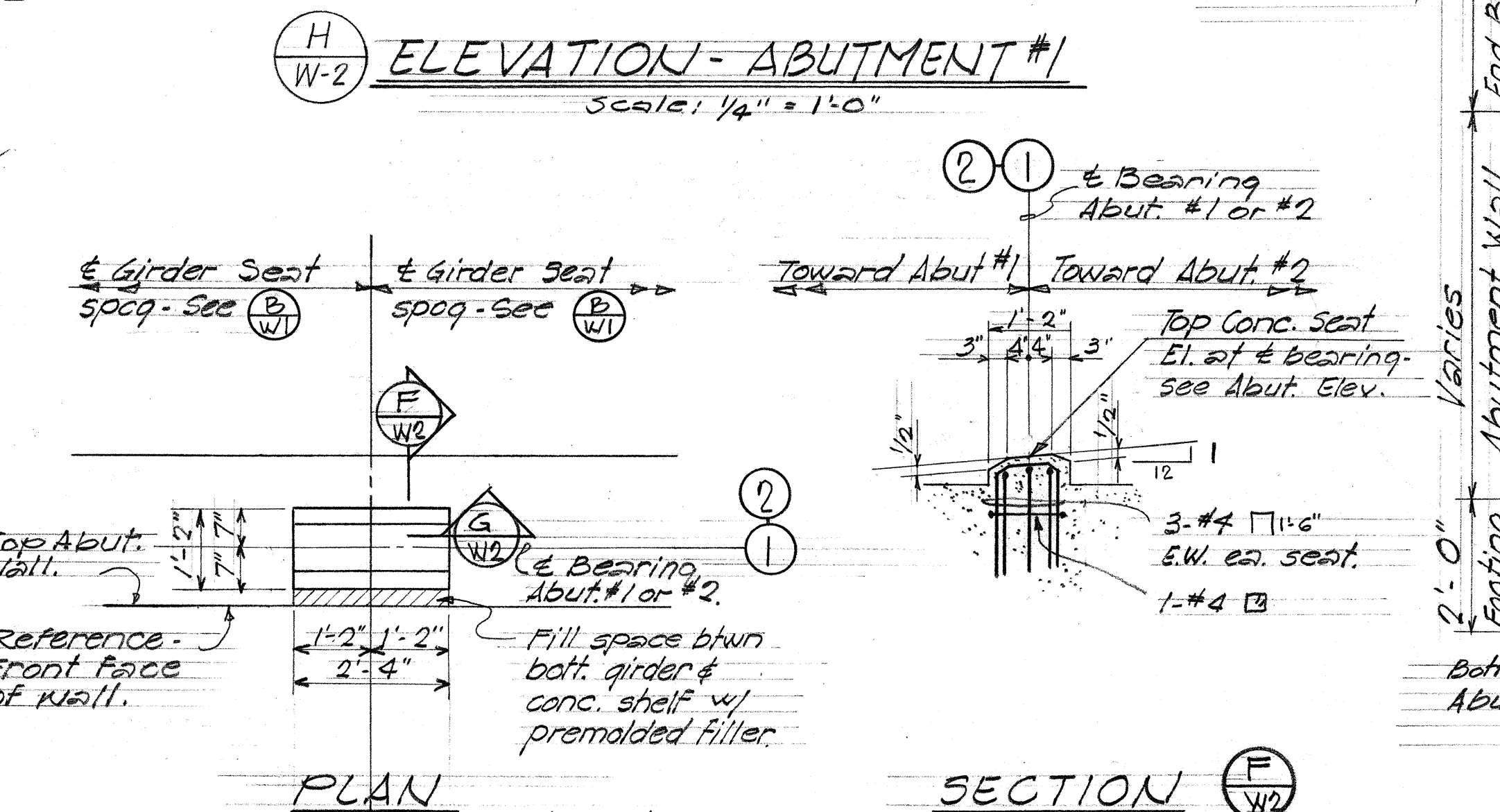
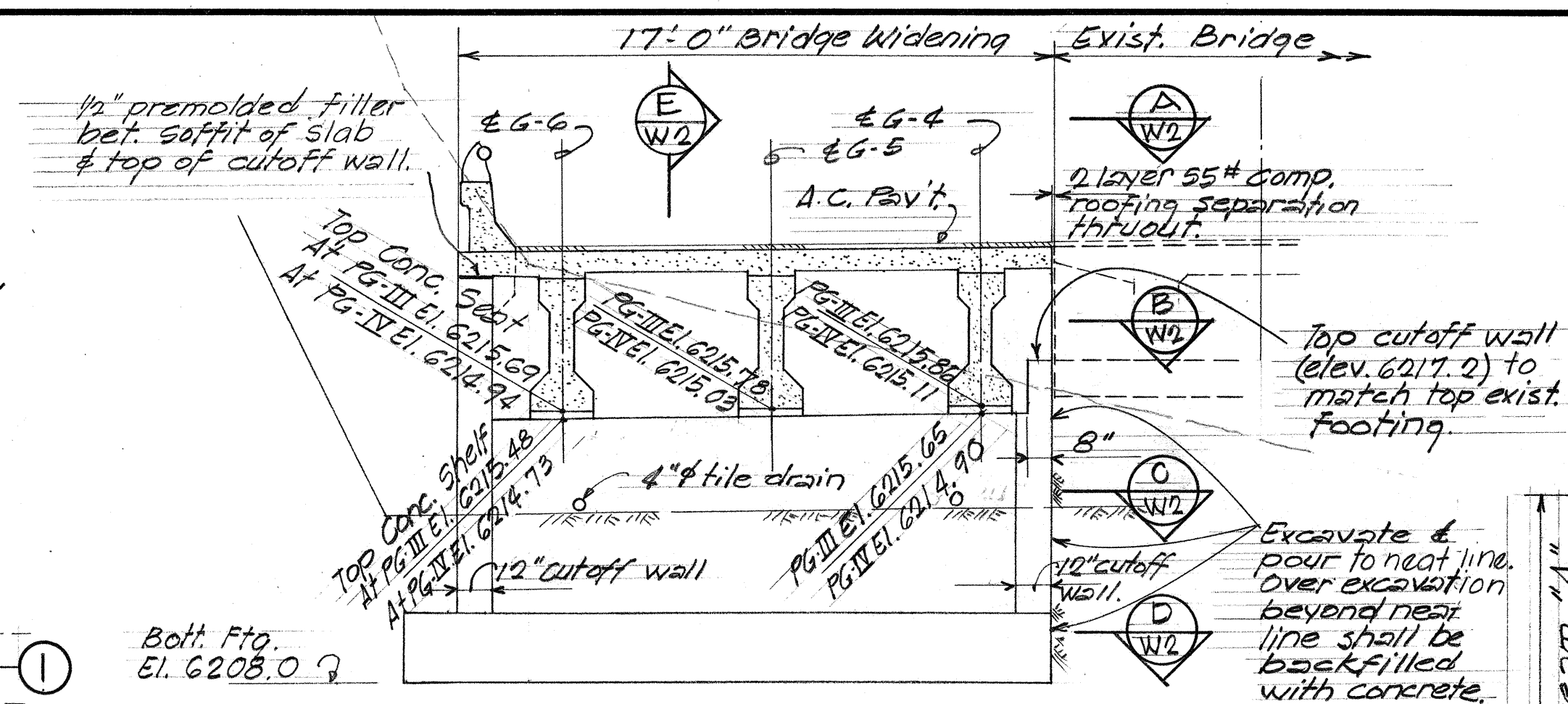
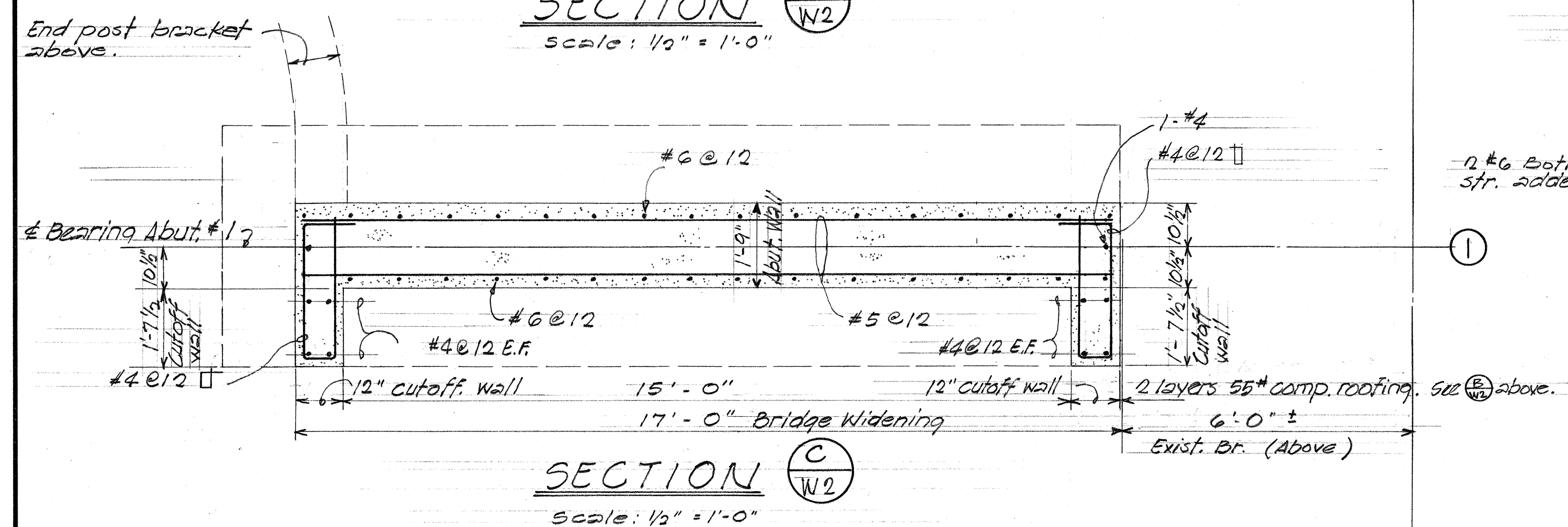
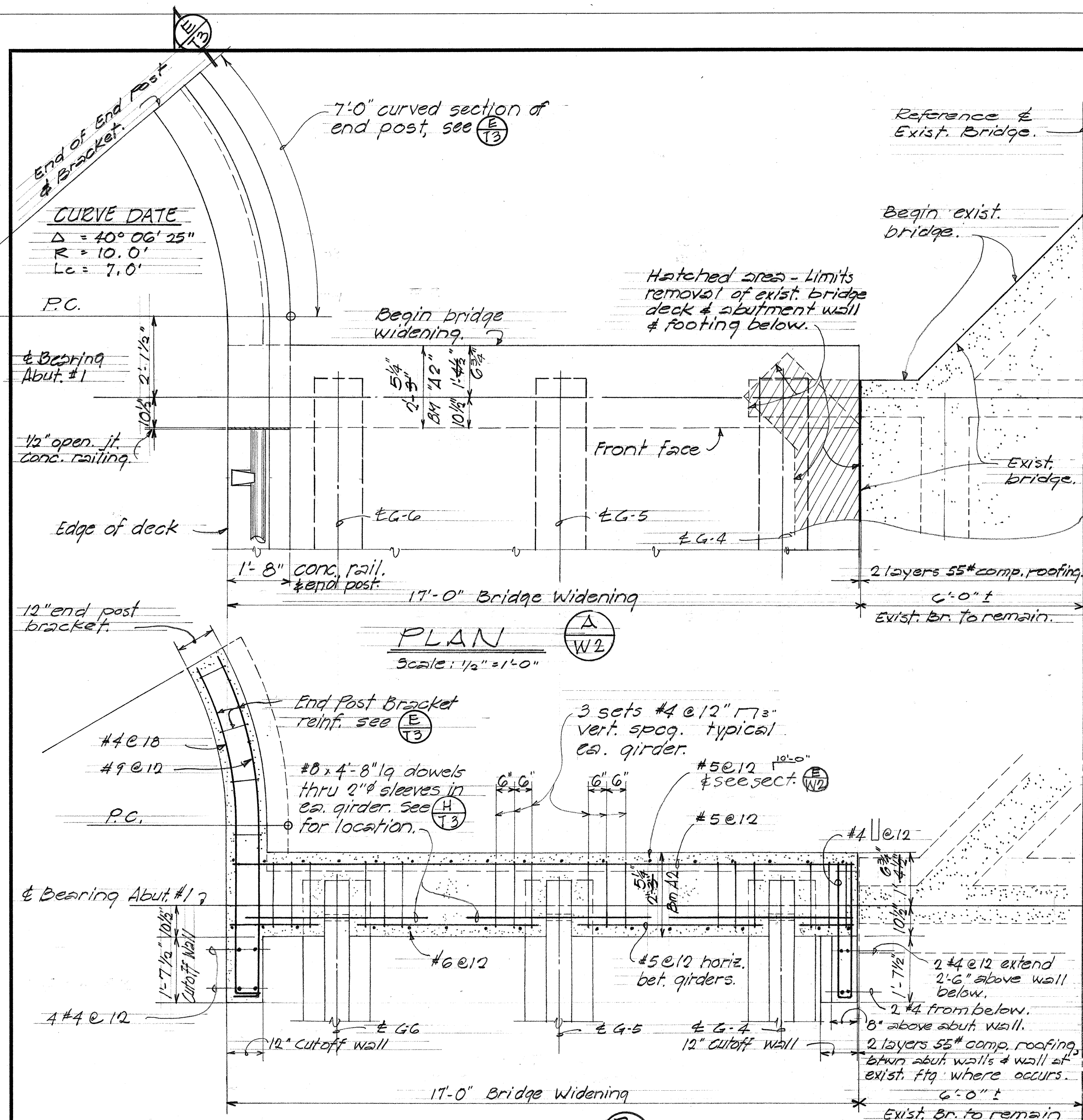
ESTIMATED QUANTITIES	
Concrete - Footing	(18 c.y.) Lump Sum
Concrete - All others	(65 c.y.) Lump Sum
Reinforcing Steel	(15,368 Lbs.) Lump Sum
Filter Material	12 c.y.
Prestressed Girder Type PG III-1	(67 Lin. Ft.) Lump Sum
Metal Bridge Railing (One Rail Traffic Type)	53 Lin. Ft.
Concrete Bridge Railing & End Post (One Rail Traffic)	73 Lin. Ft.
Structural Excavation	147 c.y.
Bituminous Tack Coat	25 gal.
A.C. Pavement Mix V	9 Tons
Removal of Portion of Existing Structure (29 c.y.)	Lump Sum

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIKALE BRIDGE WIDENING
Sta. 789+96.12 To Sta. 790+53.38

Proj. No. 377A-01-70 Mar. 1971
SHEET No. W1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-70	1971	17	20



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAI'ALE BRIDGE WIDENING

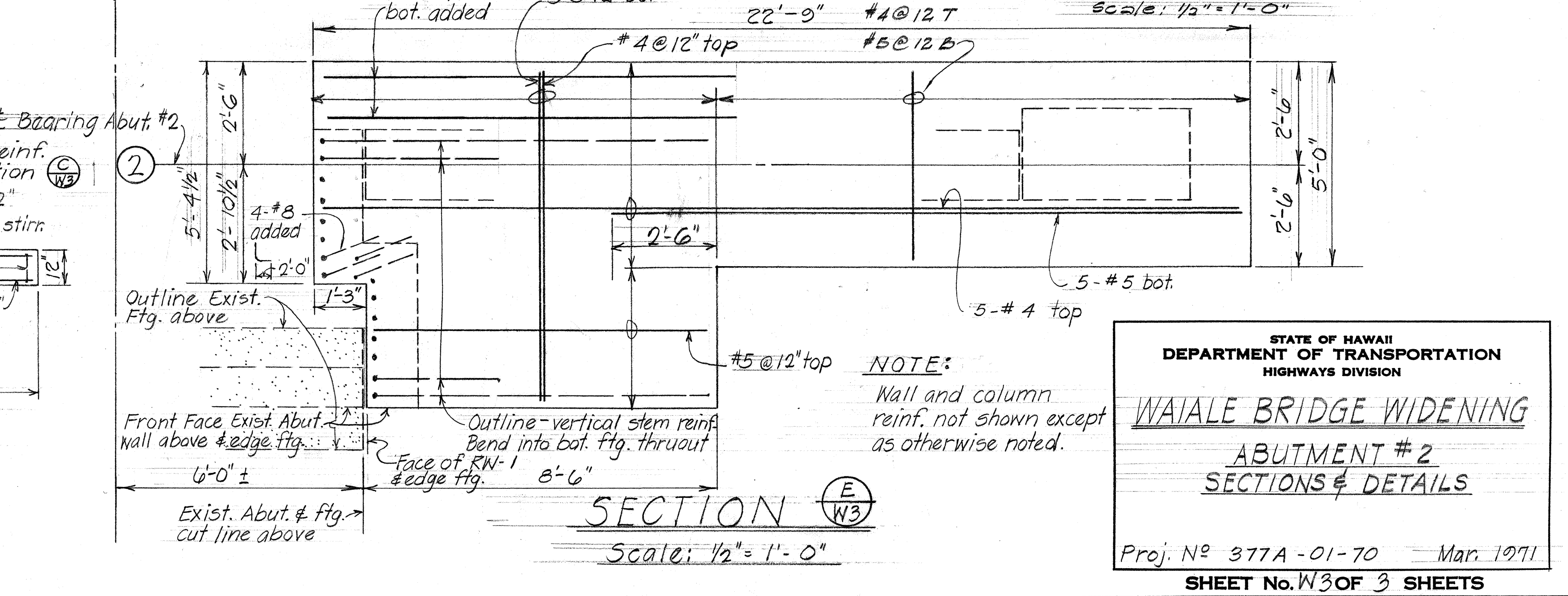
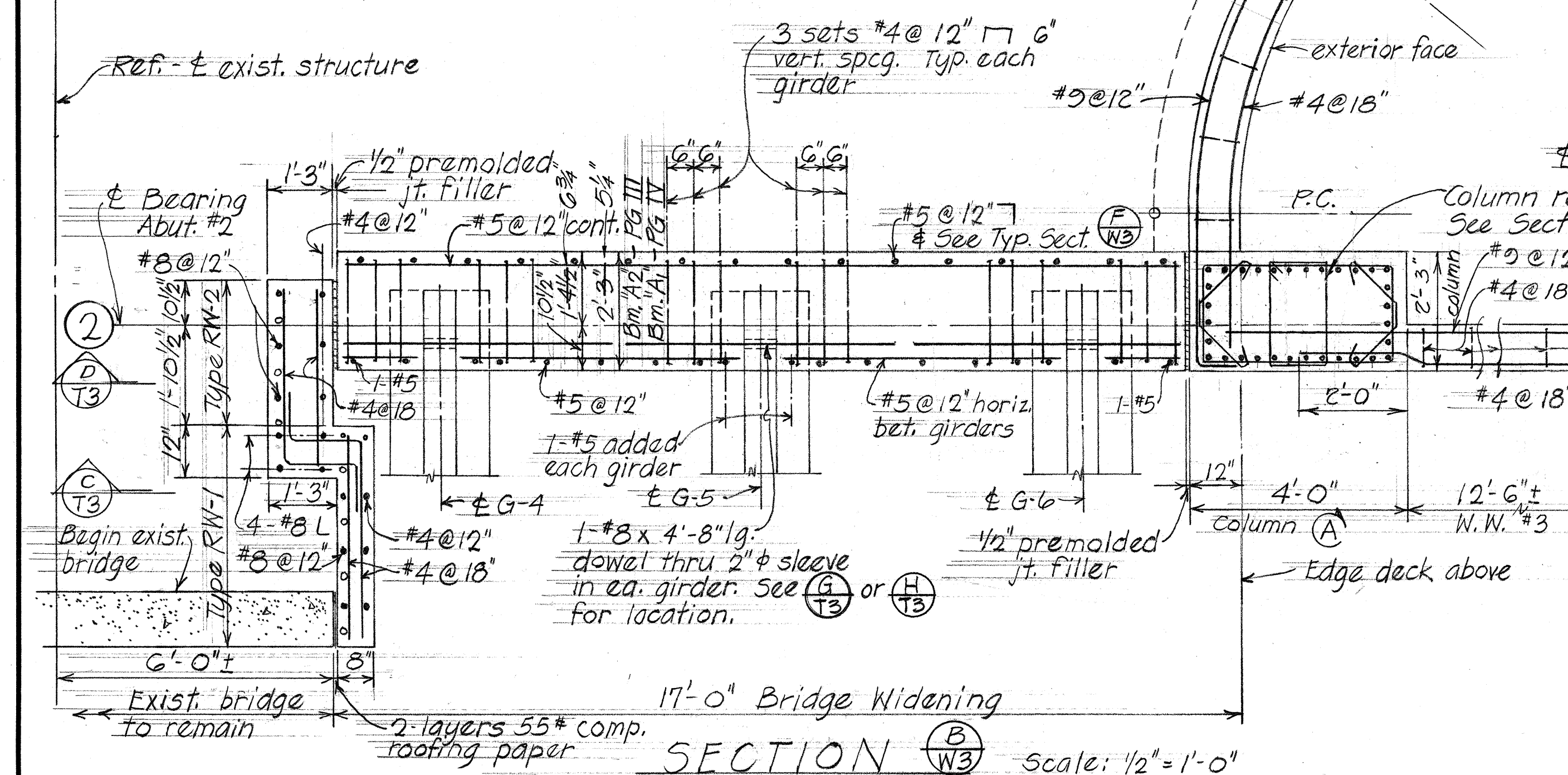
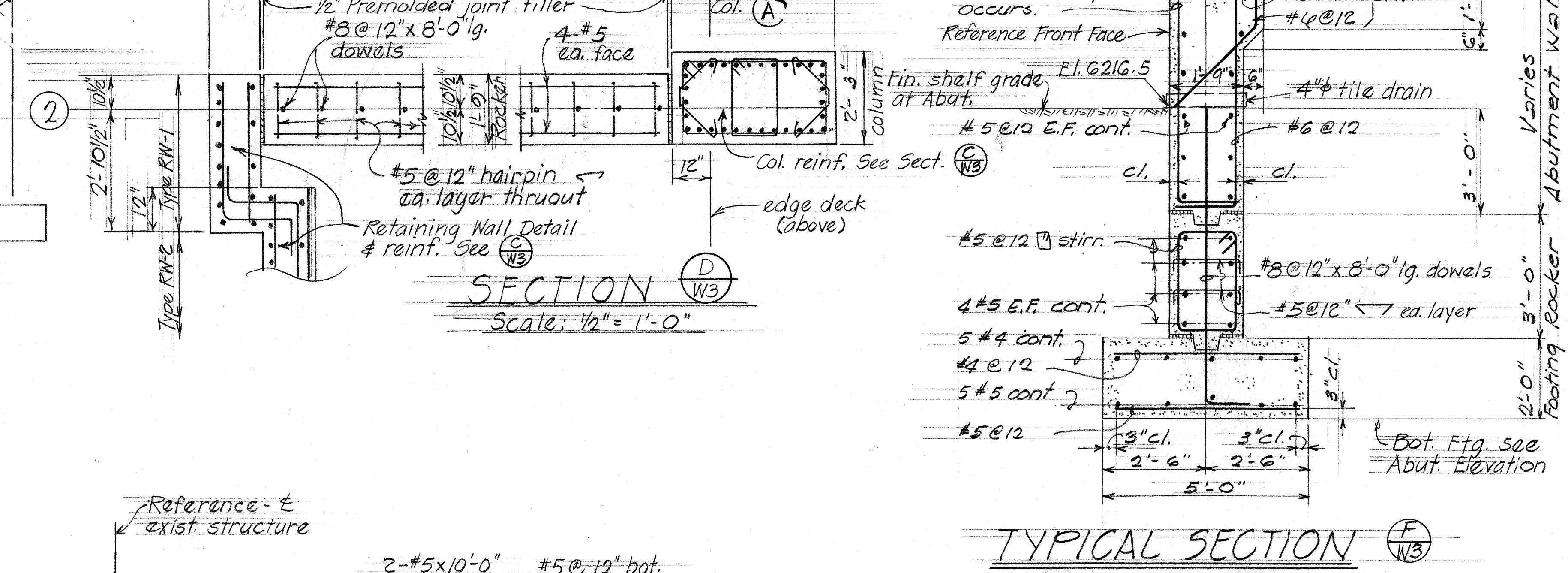
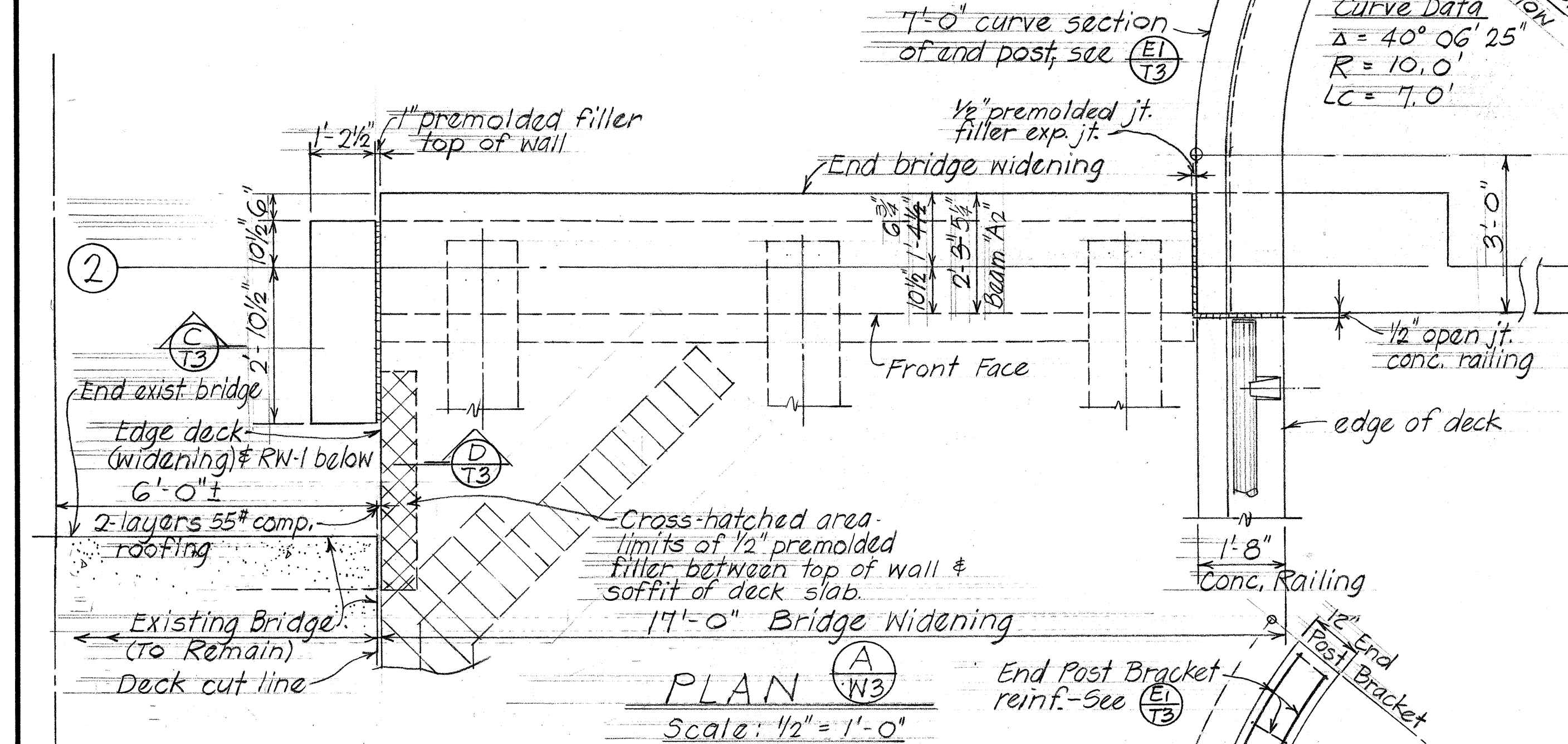
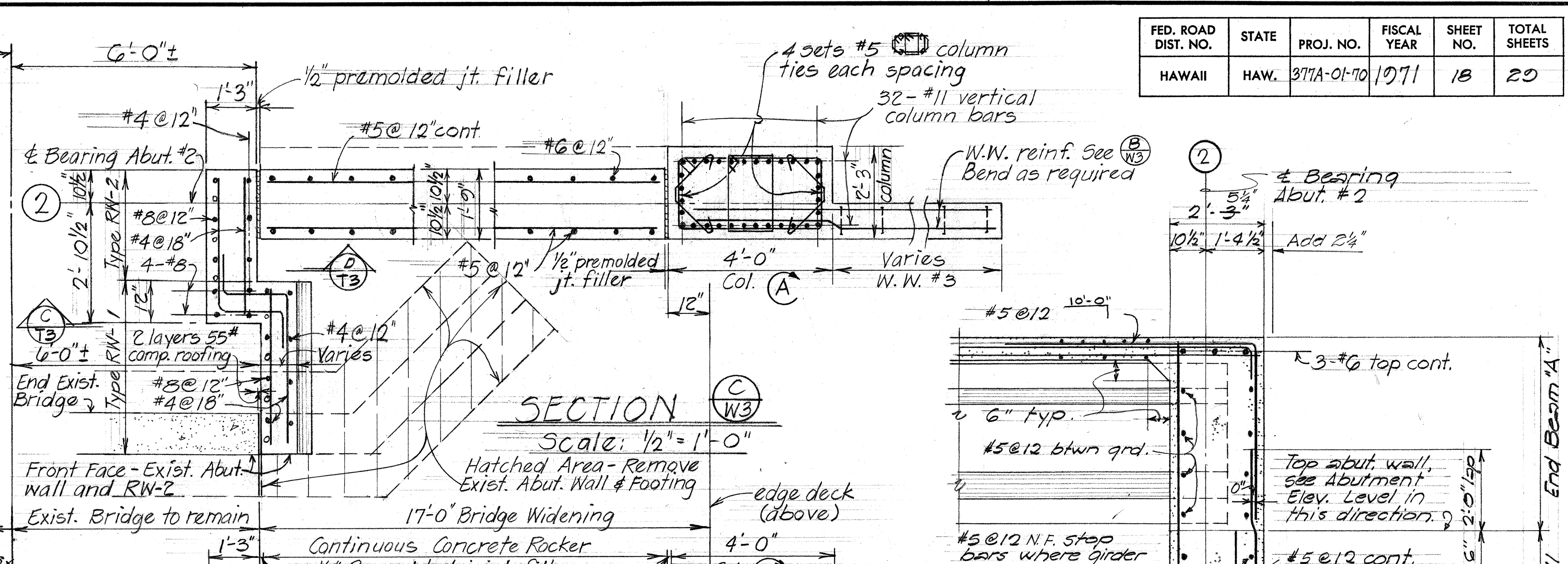
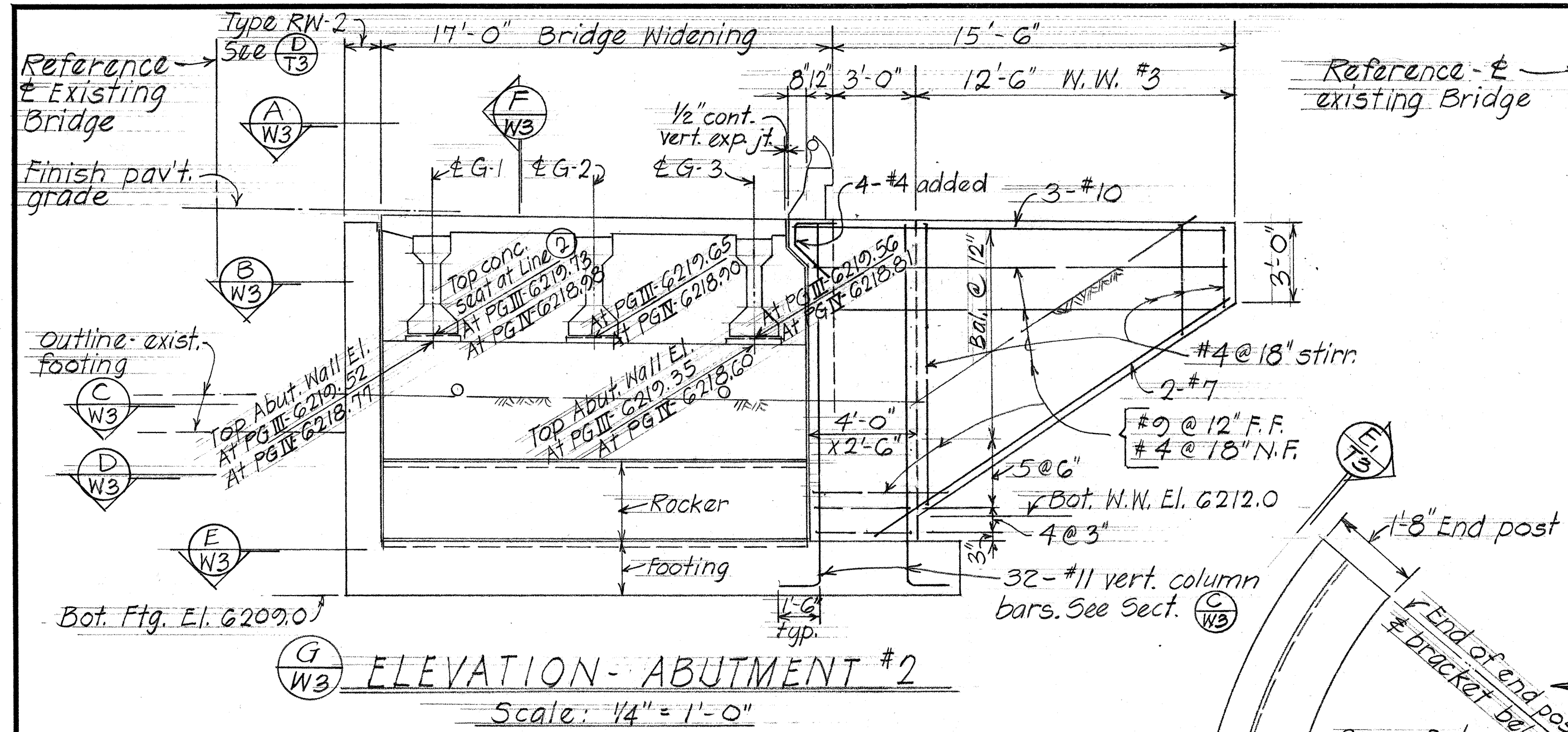
ABUTMENT #1

SECTIONS & DETAILS

Proj. No 377A-01-70 Mar 1971

SHEET No. W2 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	377A-01-70	1971	18	20



NOTE:
Wall and column
reinf. not shown except
as otherwise noted.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

WAIALE BRIDGE WIDENING
ABUTMENT #2
SECTIONS & DETAILS

Proj. No 377A - 01-70 Mar. 1971

SHEET No. W3 OF 3 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DRAWN BY	"
	TRACED BY	"
NOTE BOOK	DESIGNED BY	"
	QUANTITIES BY	"
	CHECKED BY	"
No.		