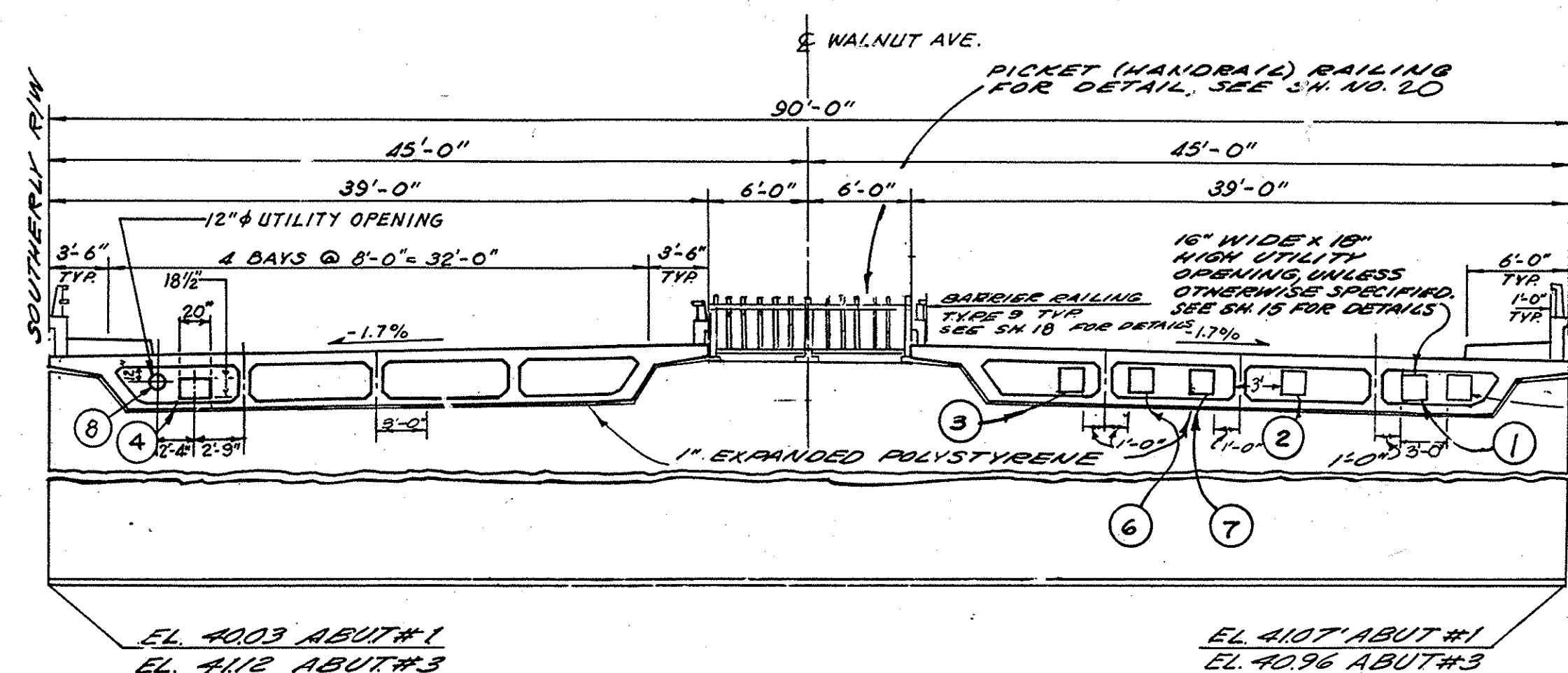
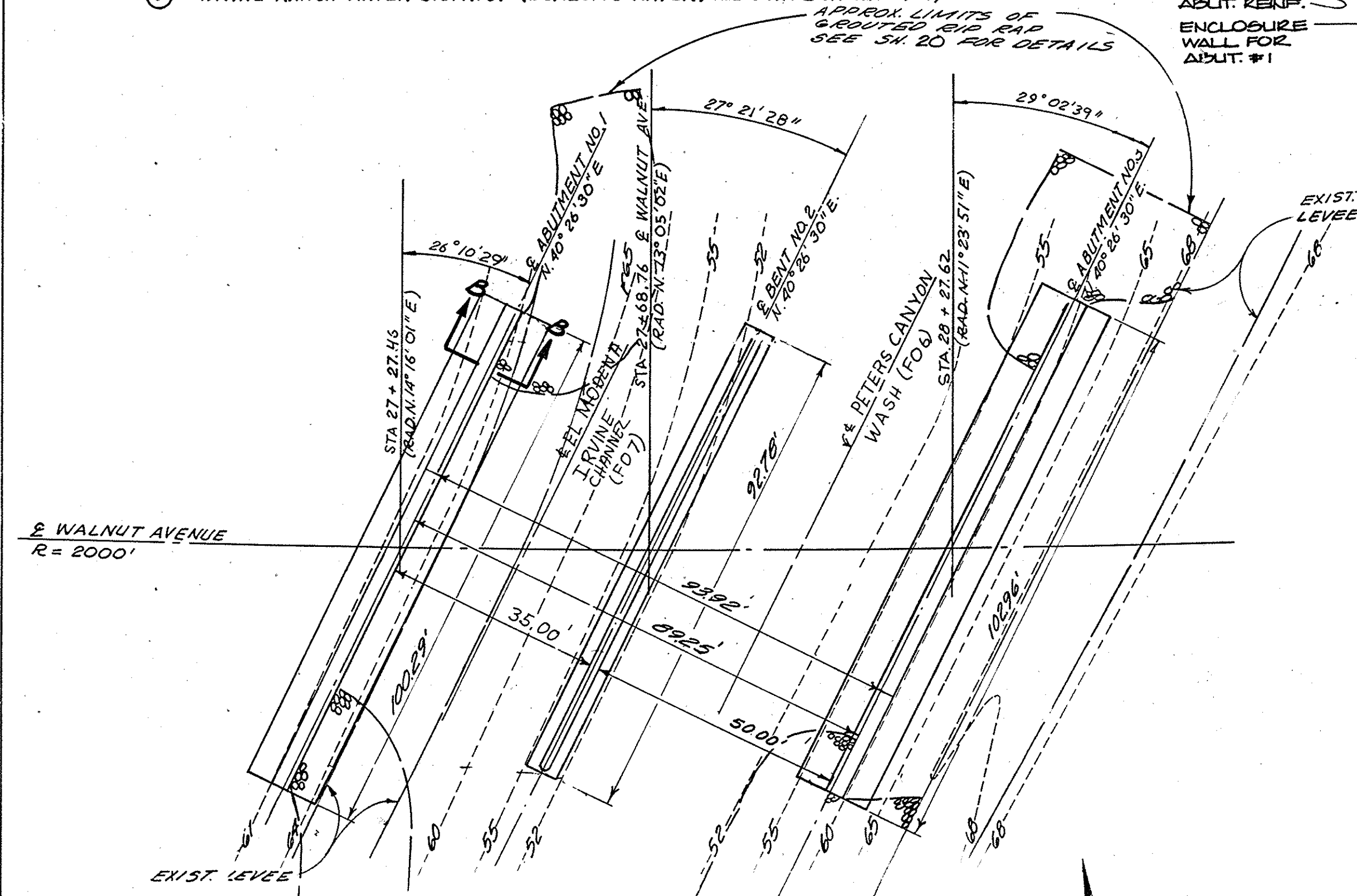




SECTION A-A ABUTMENT NO. 3
(ABUTMENT NO. 1 SIMILAR BUT OPPOSITE HAND)
SCALE: 1/8" = 1'-0"

UTILITY OPENINGS RESERVED FOR:

- 1 SOUTHERN CALIFORNIA GAS CO.
- 2 IRVINE RANCH WATER DIST. (RECLAIMED WATER)
- 3 IRVINE RANCH WATER DIST. (SEWER)
- 4 IRVINE RANCH WATER DIST. (DOMESTIC WATER) SEE DETAIL ON SHT. N-4, PART "B"
- 5 SOUTHERN CALIF. EDISON COMPANY
- 6 PACIFIC TELEPHONE CO.
- 7 COMMUNITY CABLE VISION
- 8 IRVINE RANCH WATER DISTRICT (DOMESTIC WATER) SEE DETAIL ON SHT. N-4, PART "B"



PILE LAYOUT
SCALE: 1" = 20'

PILING DATA

FOOTING	EST. PILE TIP ELEV.	PILE CUT OFF ELEV.
ABUT. NO. 1	210	4028 TO 4132
BENT NO. 2	210	4031 TO 4038
ABUT. NO. 3	210	4137 TO 4121

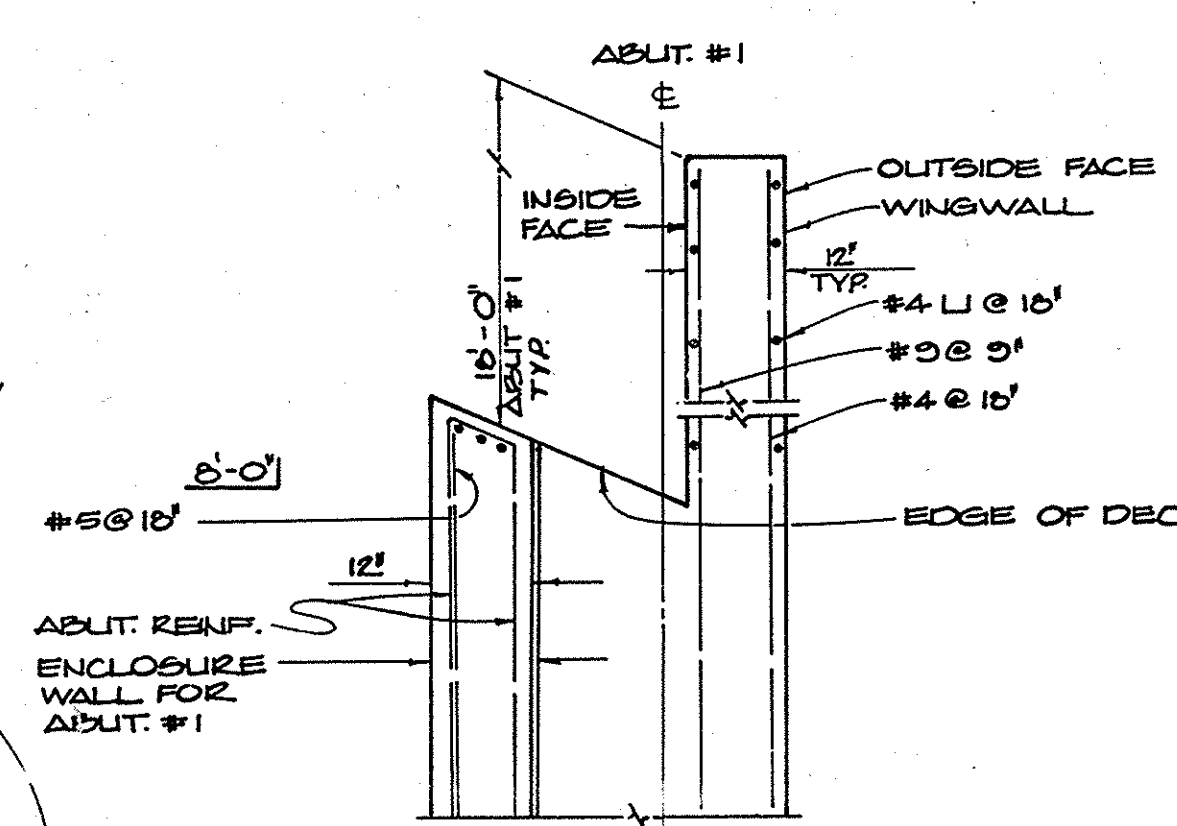
NOTES:

1. BACKFILL BEHIND ABUTMENT SHALL BE PLACED SIMULTANEOUSLY AT BOTH ABUTMENTS AFTER DECK IS COMPLETED.
2. BRACE ABUTMENTS AND WINGWALLS AS REQUIRED DURING CONSTRUCTION.
3. PILES ARE CLASS 45-1 WITH BEARING VALUE OF 45 TONS. (PRESTRESSED)
4. TEMPORARY BYPASS NOT SHOWN. SEE SHT. N-1, PART "B"

APPROX. LIMITS OF
GEOTECH. RPD MAP
SEE SH. 20 FOR DETAILS

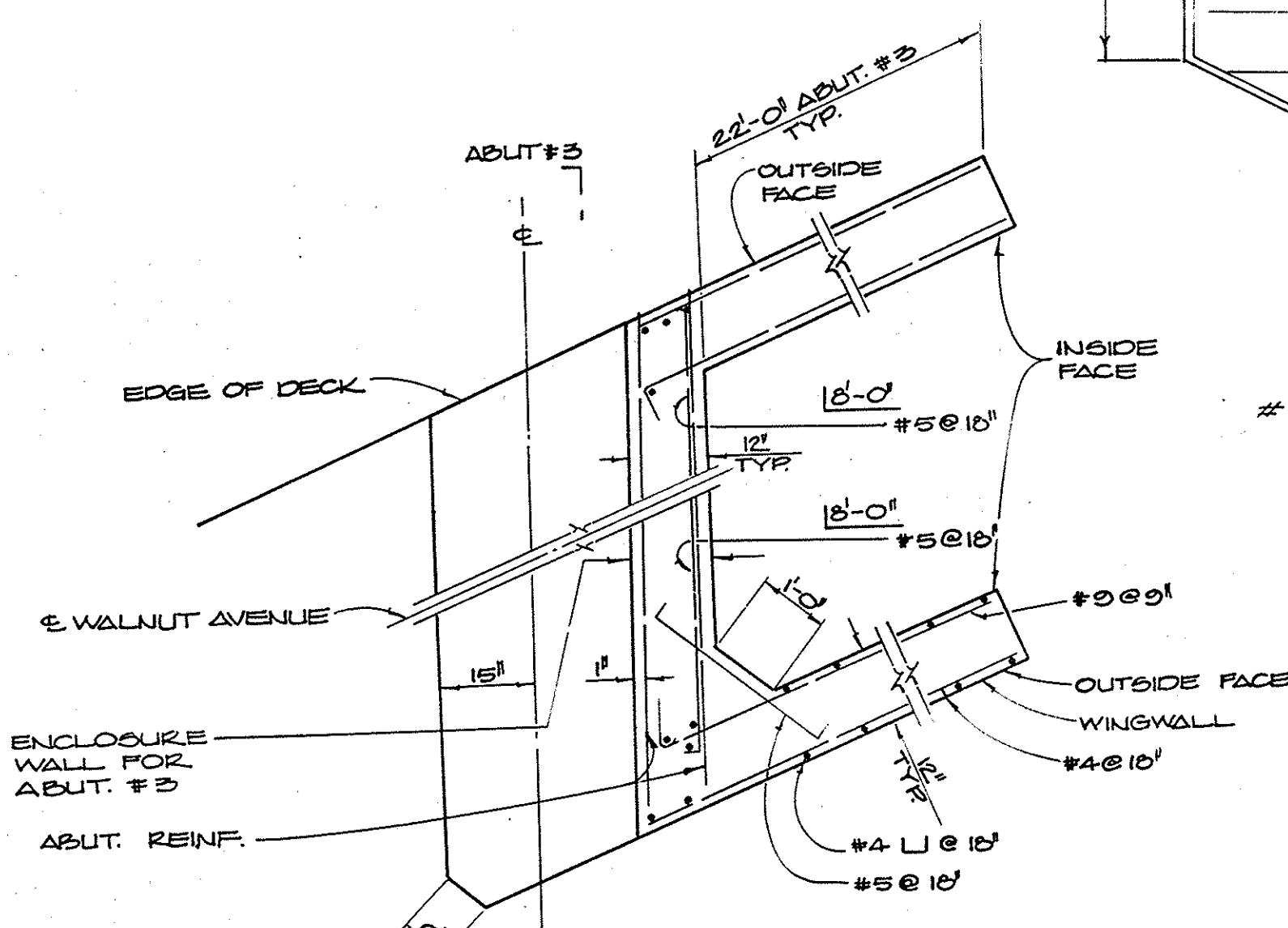
PROF. FINISHED SURFACE

1. CONCRETE KNOCKOUT TO COVER FUTURE UTILITY OPENINGS. PLACE PERVIOUS BACKFILL MATERIAL CONTINUOUSLY BOTH SIDES OF ABUTMENT
2. ONE CU. FT. PERVIOUS BACKFILL MATERIAL IN A BURLAP SACK SECURELY TIED.
3. 6" SQUARE ALUMINUM OR GALVANIZED STEEL WIRE MESH NO. 6 HARDWARE CLOTH (MIN. WIRE DIA. 0.03") ANCHOR FIRMLY TO BACKFACE.
4. 4" DIA. DRAINS @ 10' MAX O.C.



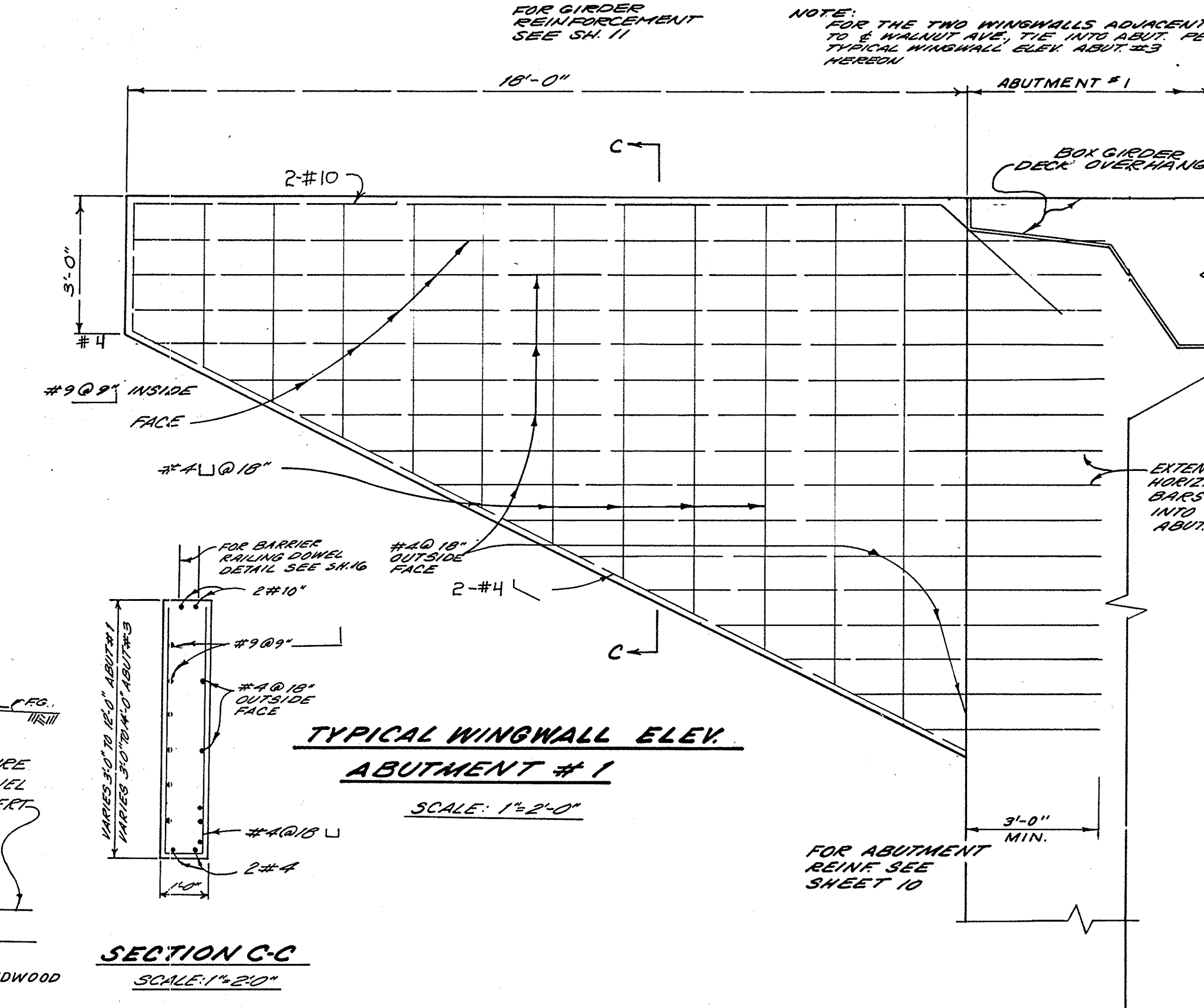
ABUT. #1 CORNER DETAIL
TYPICAL
(N.W. CORNER SHOWN)
NO SCALE

SECTION B-B
SCALE: 1" = 2'-0"



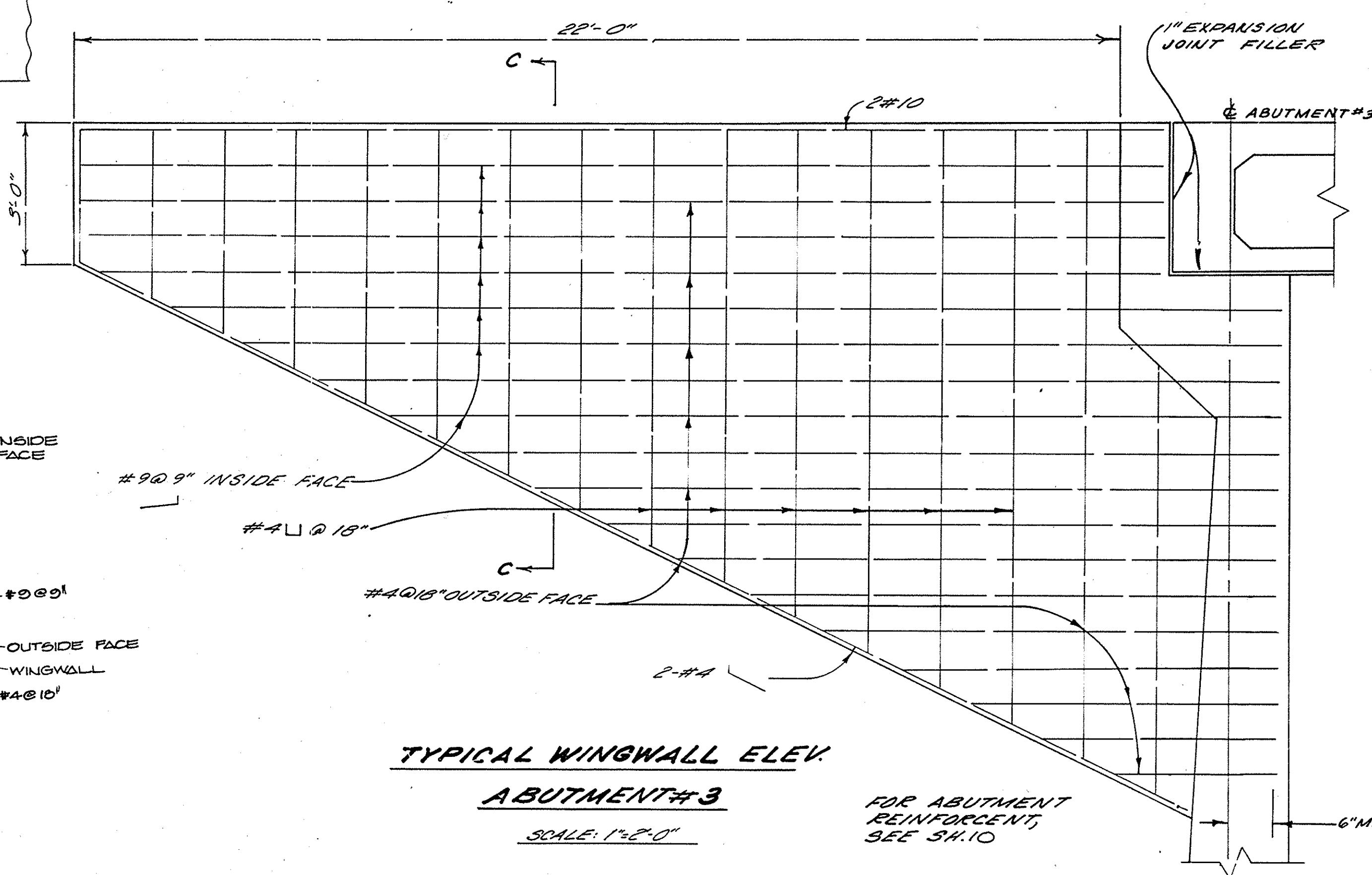
ABUT. #3 CORNER DETAIL
TYPICAL
NO SCALE

"AS BUILT"



TYPICAL WINGWALL ELEV.
ABUTMENT #1
SCALE: 1" = 2'-0"

SECTION C-C
SCALE: 1" = 2'-0"



TYPICAL WINGWALL ELEV.
ABUTMENT #3
SCALE: 1" = 2'-0"

FOR ABUTMENT REINFORCEMENT, SEE SH. 10

NO.	DATE	REVISIONS
7		
6		
5		
4		
3		
2		
1		

PLANS PREPARED BY:	R.G.S. ENGINEERING, INC.
	3183 "G" AIRWAY AVENUE
	COSTA MESA, CA 92626
	PH. (714) 557-5651
DRAWN BY:	K.H.
DESIGNED BY:	J.I.
CHECKED BY:	J.I.
DATE	3/16/78

PROJECT NO.	
WALNUT AVENUE	
BRIDGE OVER PETERS CANYON WASH	
ABUTMENTS & FOUNDATION PLAN	
SHEET	2
OF	25
CITY OF IRVINE	
COMMUNITY DEVELOPMENT DEPARTMENT	