

3. Concrete: $f_c =$

GENERAL NOTES:

- DESIGN LOADING: H20 S16
- SOIL COMPACTION: SEE SPECIFICATIONS

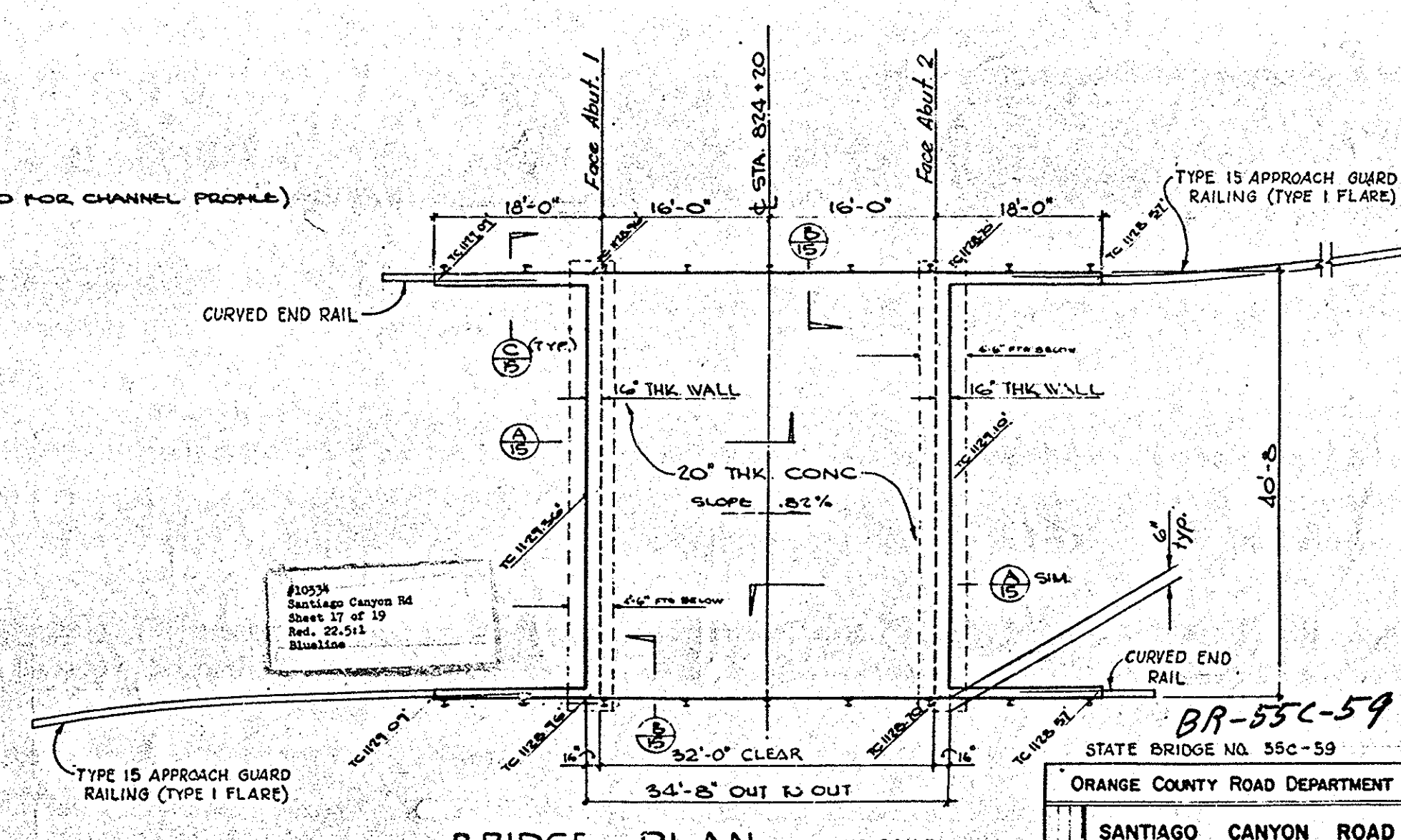
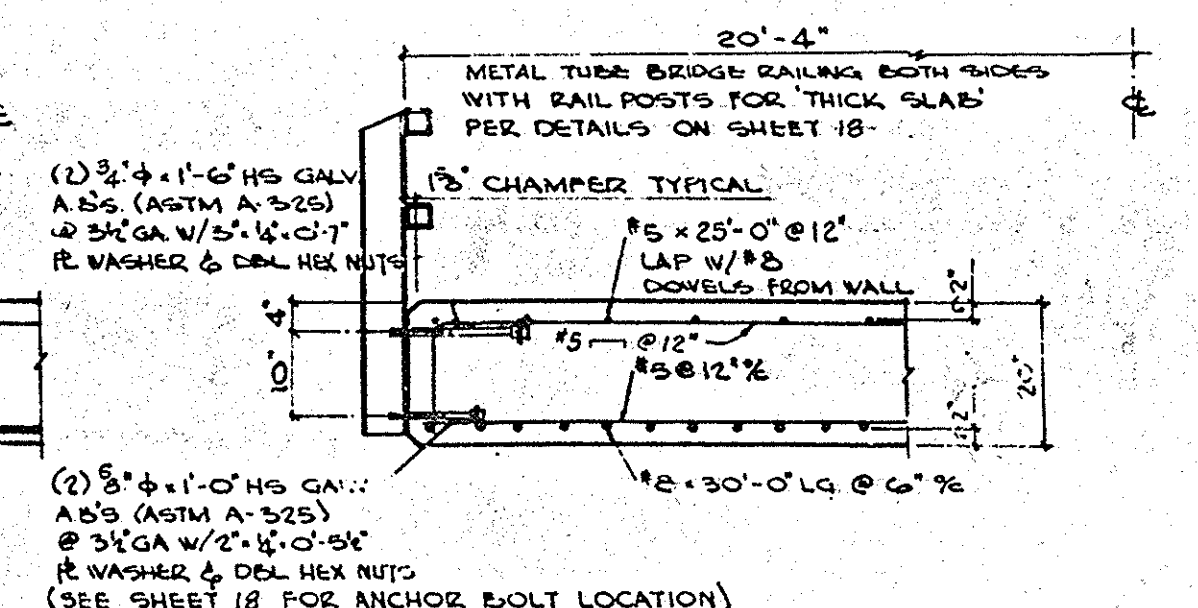
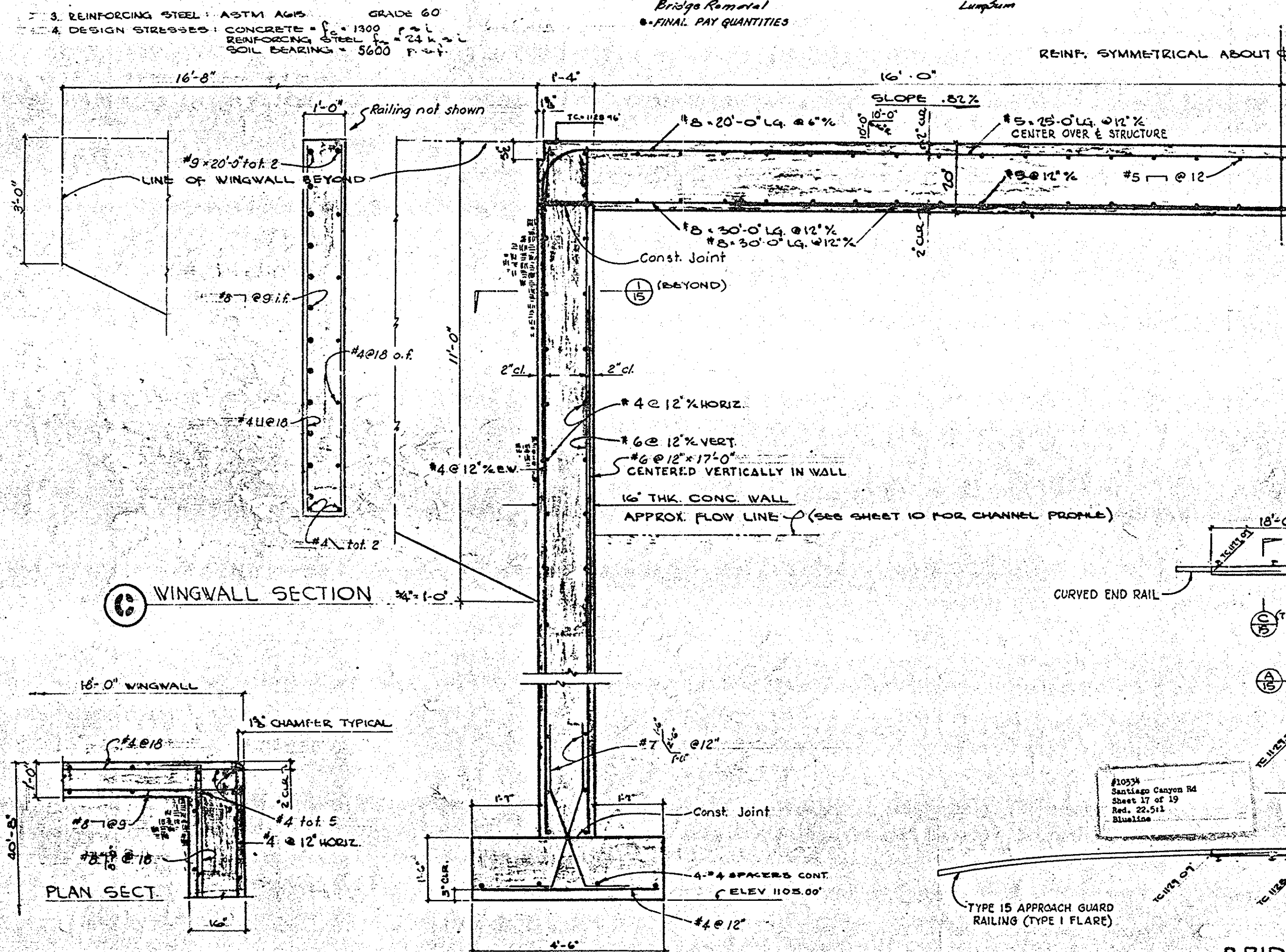
3. REINFORCING STEEL: ASTM A615 GRADE 60
 4. DESIGN STRESSES: CONCRETE $f_c = 1300$ P.S.I.
 REINFORCING STEEL $f_s = 24,000$ P.S.I.
 SOIL BEARING = 5600 P.S.F.

APPROXIMATE QUANTITIES

• STRUCTURE EXCAVATION (BRIDGE)	450 C.Y.
• STRUCTURE BACKFILL (BRIDGE)	330 C.Y.
• CLASS "A" CONCRETE (BRIDGE)	210 C.Y.
• BAR REINFORCING STEEL (BRIDGE)	35,500 LBS.
METAL TUBE BRIDGE RAILING (TYPE 15)	145 L.F.
BRIDGE APPROACH GUARD RAILING (TYPE 15)	91 L.F.
Bridge Removal	Lumpsum
• FINAL PAY QUANTITIES	

SHEET NO.	STATE	FEDERAL PROJECT NO.	SHEET TITLE	SHEET NO.	TOTAL SHEETS
7	CALIF.	3-1279 (7)			
DIST.	COUNTY	SECTION	POST MILES - 1/4 MILE PROJECT	SHEET NO.	TOTAL SHEETS
7	ORA	1279	CR	17	19

BRIDGE ENGINEER: *DR. #17*
 REGISTERED CIVIL ENGINEER NO. 5596
 DATE APPROVED: August 3, 1970



DESIGNED	INITIAL	DATE
FEH		
TRACED		
CHECKED	DRR	
SUPERVISED BY	A.M. FICKES	
REVIEWED BY		

17

BRIDGE PLAN NO SCALE
 SEE SHEET NO 4 FOR BRIDGE LOCATION AND DETAILS OF DRAINAGE CHANNEL

BR-55C-59
 STATE BRIDGE NO. 55C-59
 ORANGE COUNTY ROAD DEPARTMENT
 SANTIAGO CANYON ROAD
 3.5 MI. NLY. OF LIVE OAK CANYON ROAD
 TO SANTIAGO SCHOOL
 WILLIAMS CANYON BRIDGE
 BRIDGE NO. S-94
 PLAN & DETAILS

DR. #17 (10534)
 SANTIAGO CYN ROAD
 NER WILLIAMS CYN S-94
 CRK 55C-059
 THOS. Map: 832-D5
 1970