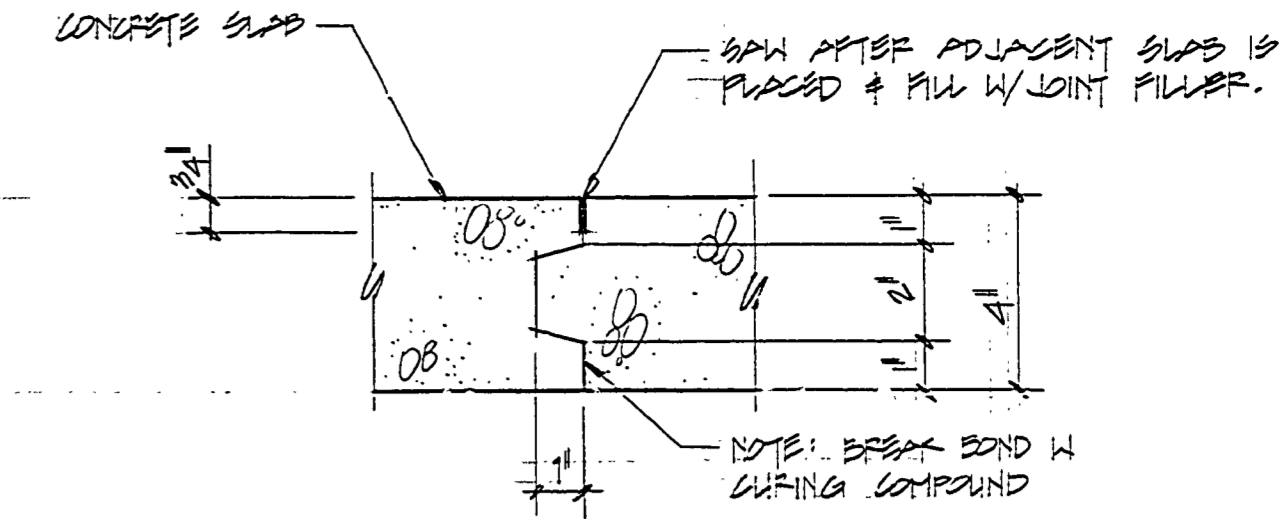
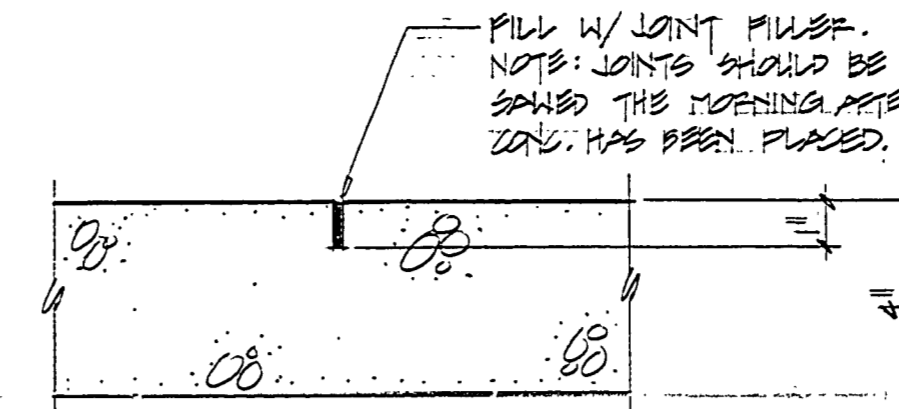
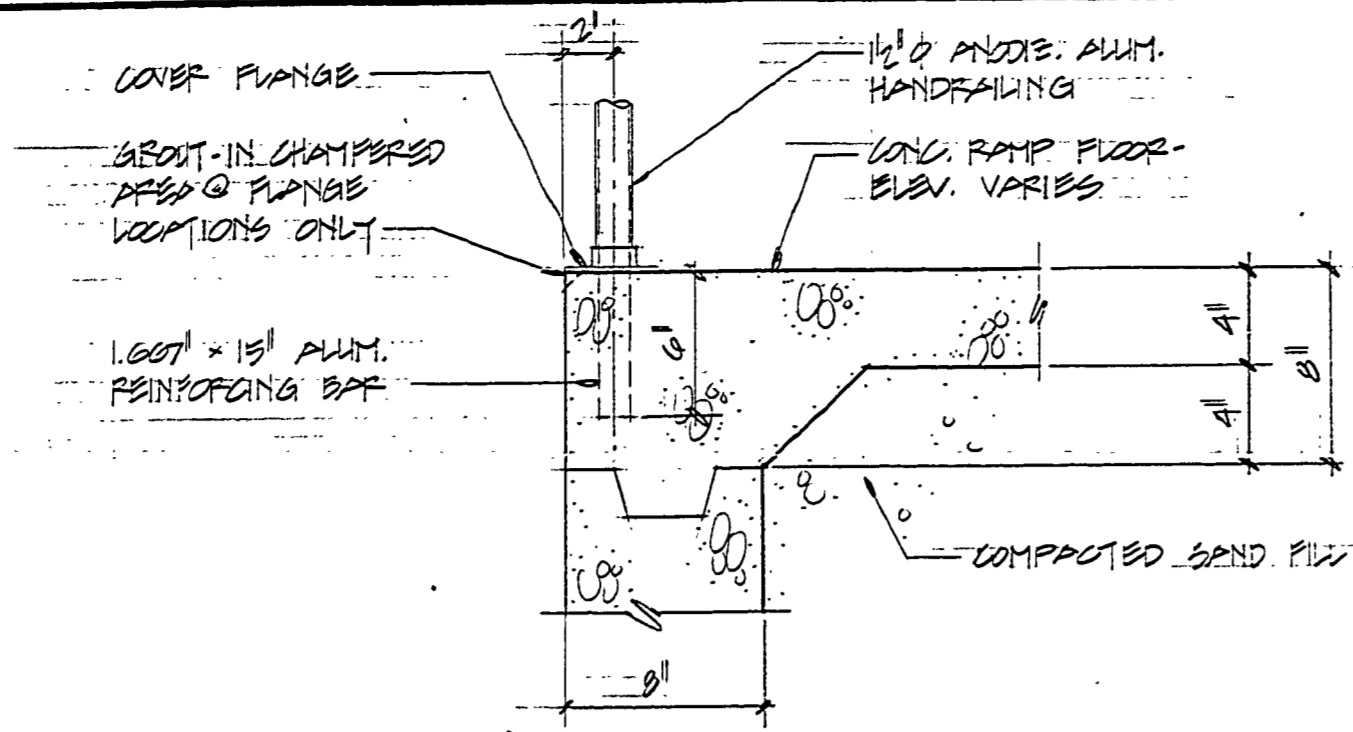


CONSTRUCTION NOTES/OUTLINE SPECIFICATIONS

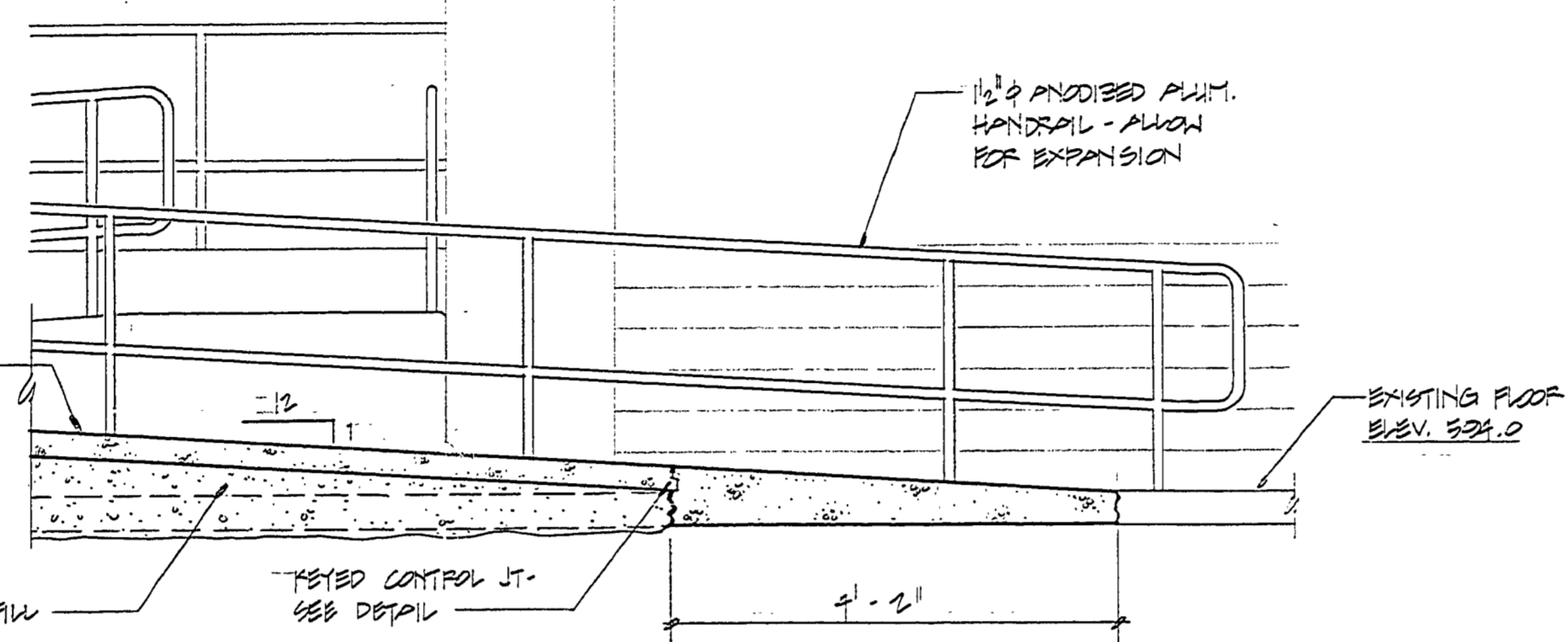
- Granular fill shall meet requirements for Class II granular fill as specified in Section 8.02.05 of M.D.O.T. Standard Specifications.
- All footings shall bear on undisturbed soil.
- Concrete -
 - Reinforcing bars - grade 40 deformed bars of ASTM Designation A-615 or A-617.
 - Cement - Portland Cement conforming to ASTM Designation C-150, Type 1A, 28-day compressive strength of 35-0 psi.
 - Aggregate - shall meet requirements of ASTM Designation C33-71.
- Hardened concrete shall be bonded to new concrete with "Soncrete" by Sonneborn Building Products.
- Handrails - shall be the "Connectorail" system as manufactured by Julius Blum and Co., Carlstadt, N.J., constructed of 1 1/2" o.d., clear anodized #6063 aluminum alloy. Railing shall consist of a top rail and intermediate rail with posts centered as shown on the plans. Verify measurements prior to ordering and placing handrails. **EXEMPT: "CONNECTORAIL II" SYSTEM AS MANUFACTURED BY CONNECTORAIL SYSTEMS, INC.**
- Ramp slope shall be one on sixteen (1:16).
- Repair all damaged surfaces to match existing.
- TAMPED SAND SHALL MEET THE REQUIREMENTS FOR "2NS" AS SPECIFIED IN SECTION 8.02.02 OF M.D.O.T. STANDARD SPECIFICATIONS.



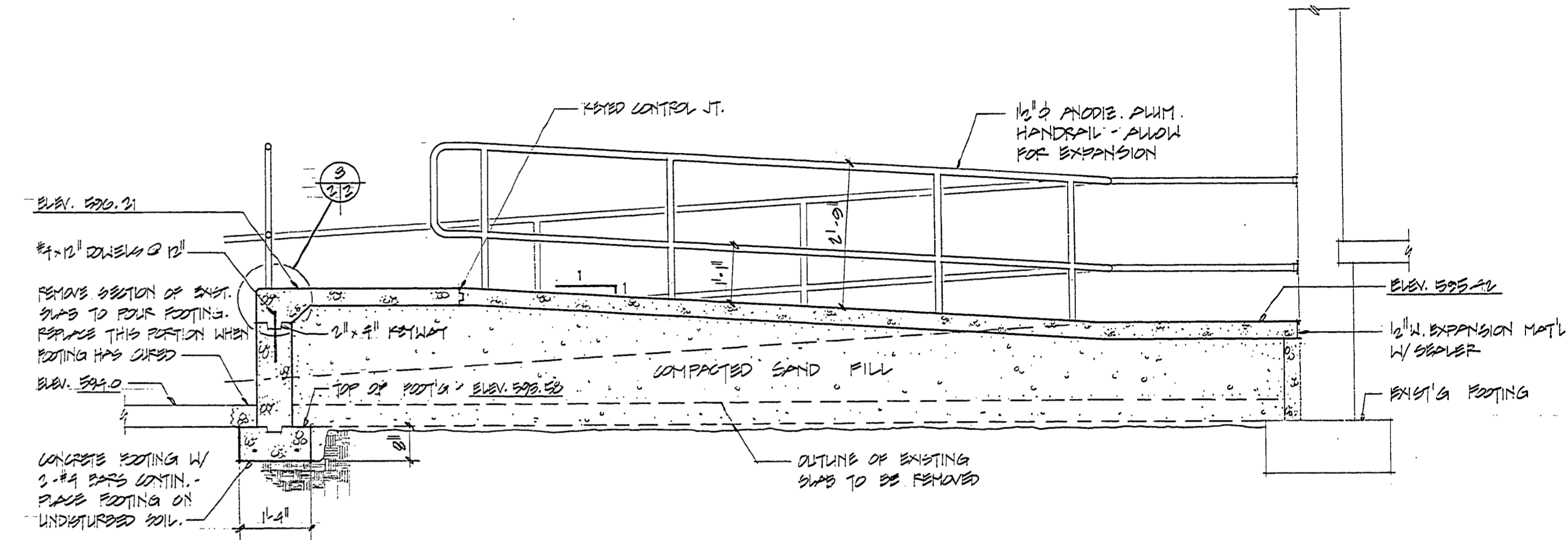
DETAIL 8
1/2" ONE FOOT

SAWED CONTROL JT. DETAIL
1/2" ONE FOOT

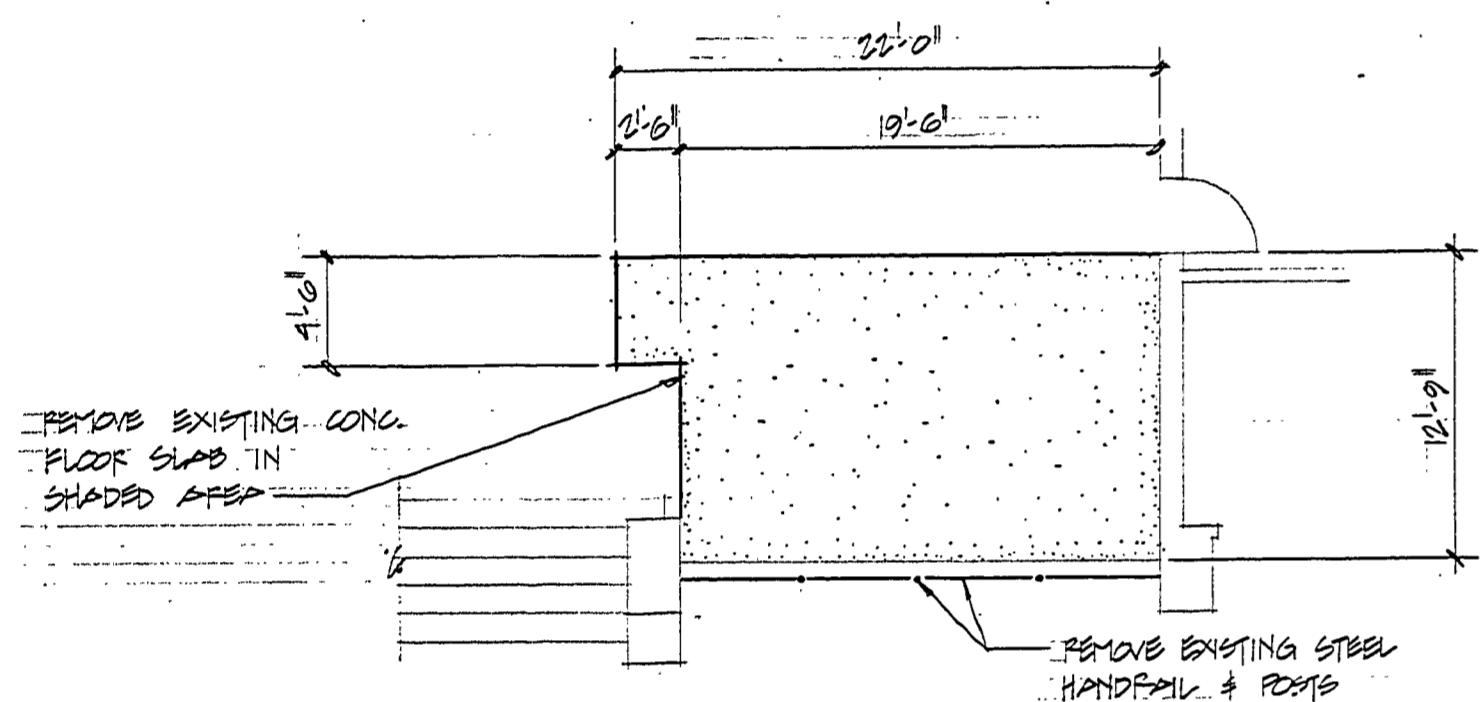
KEYED CONTROL JOINT DETAIL
1/2" ONE FOOT



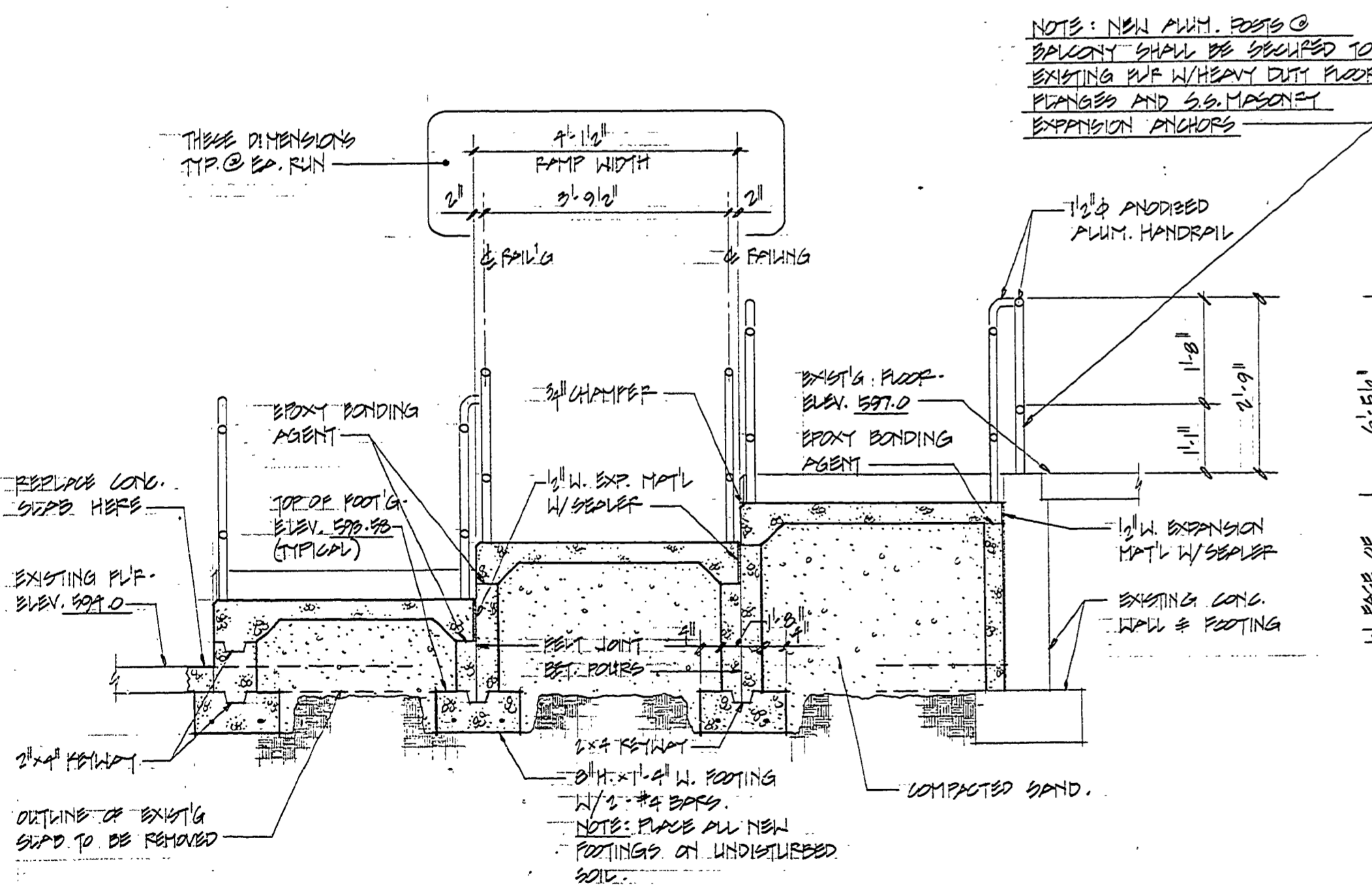
SECTION 9
1/2" ONE FOOT



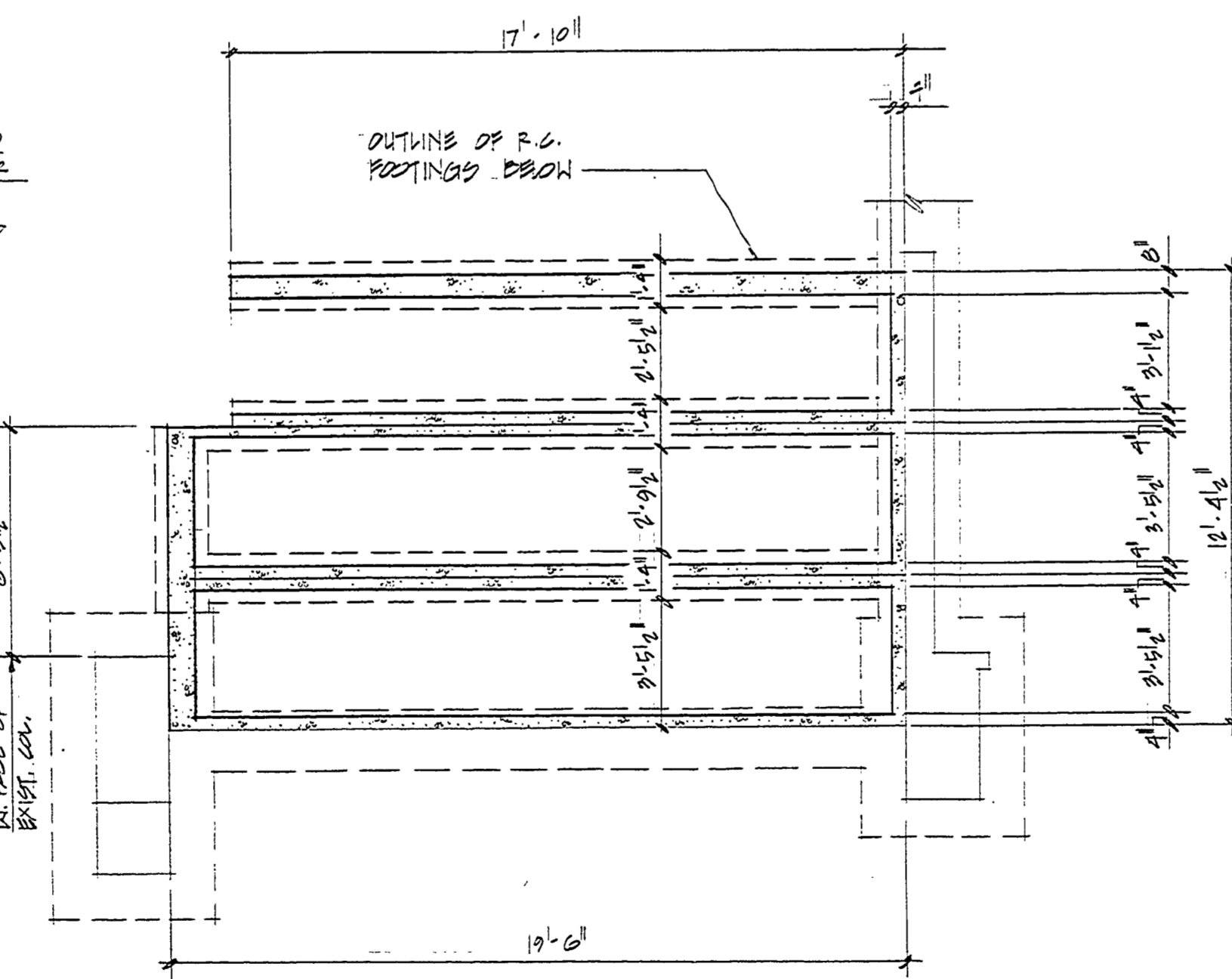
SECTION 10
1/2" ONE FOOT



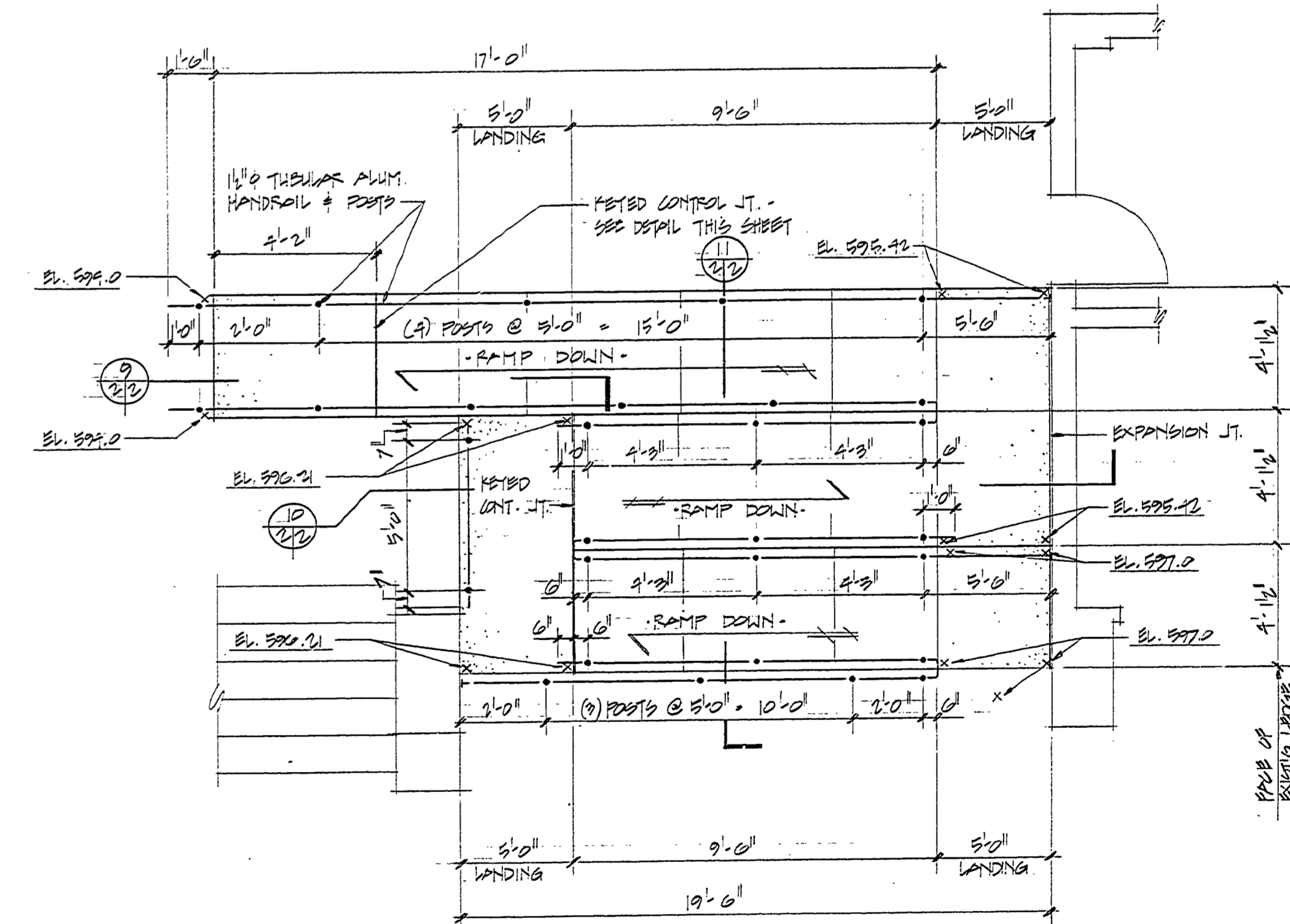
DEMOLITION PLAN @ RAMP AREA
1/2" ONE FOOT



SECTION 11
1/2" ONE FOOT



FOOTING & FOUNDATION PLAN
1/2" ONE FOOT



PLAN @ HANDICAP RAMP
NOT TO SCALE

- NOTES:
- All control joints in ramp slab shall be sawed joints unless otherwise noted. Spacing 5'-0" max.
 - Concrete surfaces of ramp shall be finished with a coarse hair broom.

SURVEYED BY	DRAWN BY	JUNE 98	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	HANDICAP RAMP PLANS	MUSKOGEE STATE PARK	PROJECT NO. 24-2589
DESIGNED BY	CHECKED BY	JUNE 98	1.				3.				DEPARTMENT OF NATURAL RESOURCES	HANDICAP RAMP PLANS	AREA OR PARK	SHEET 2 OF 3
	DATE		2.				4.					SHEET TITLE	PROJECT	PLAN NO. A-117