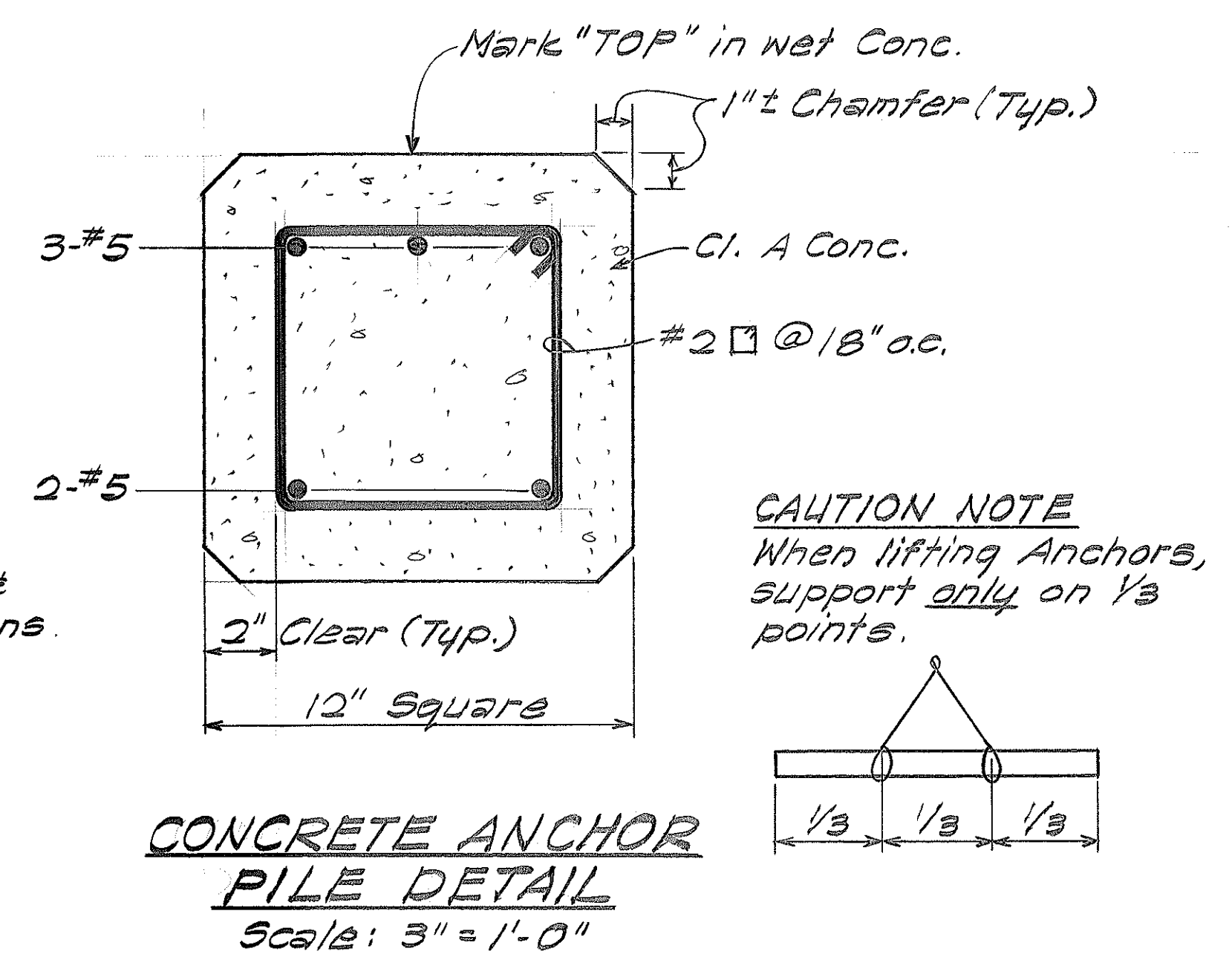
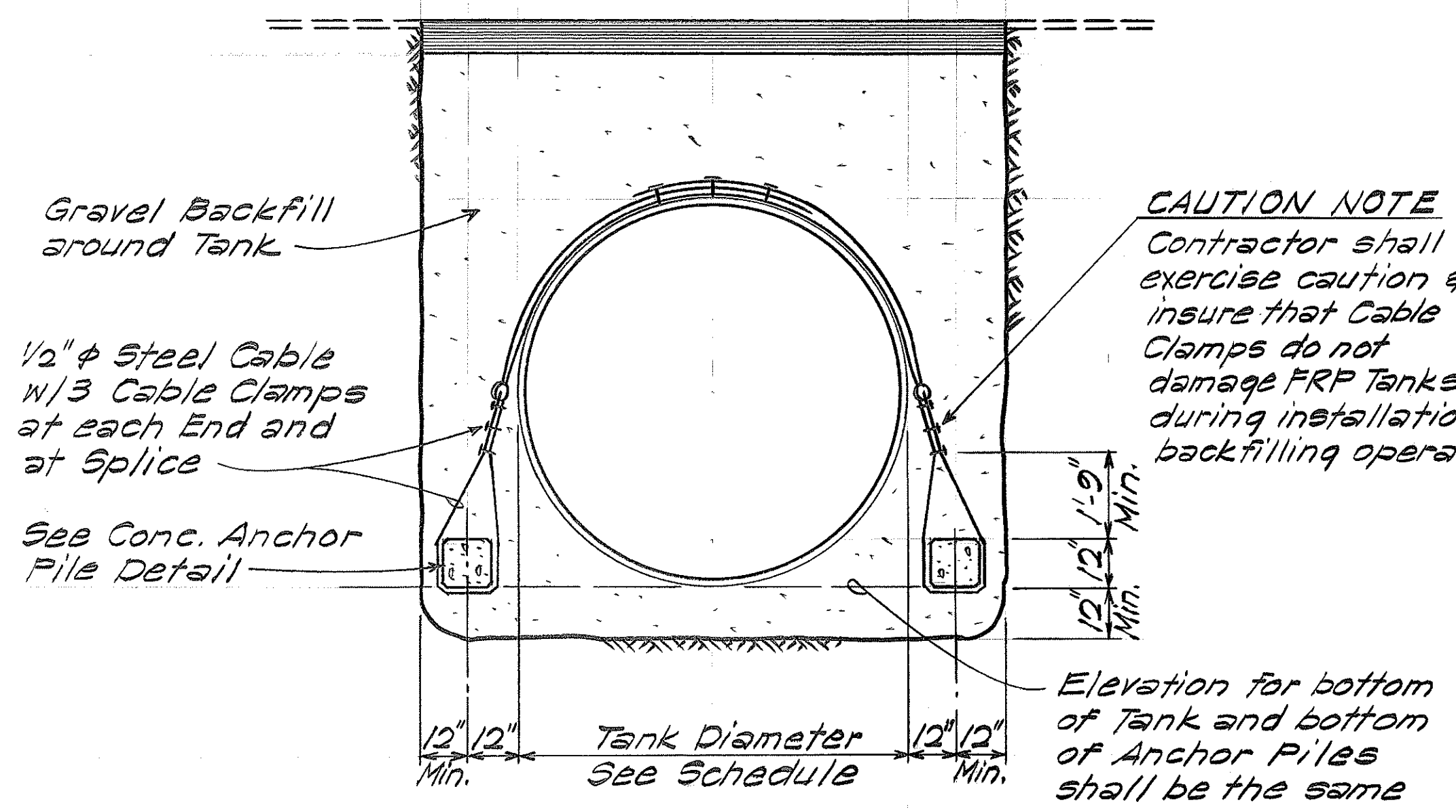
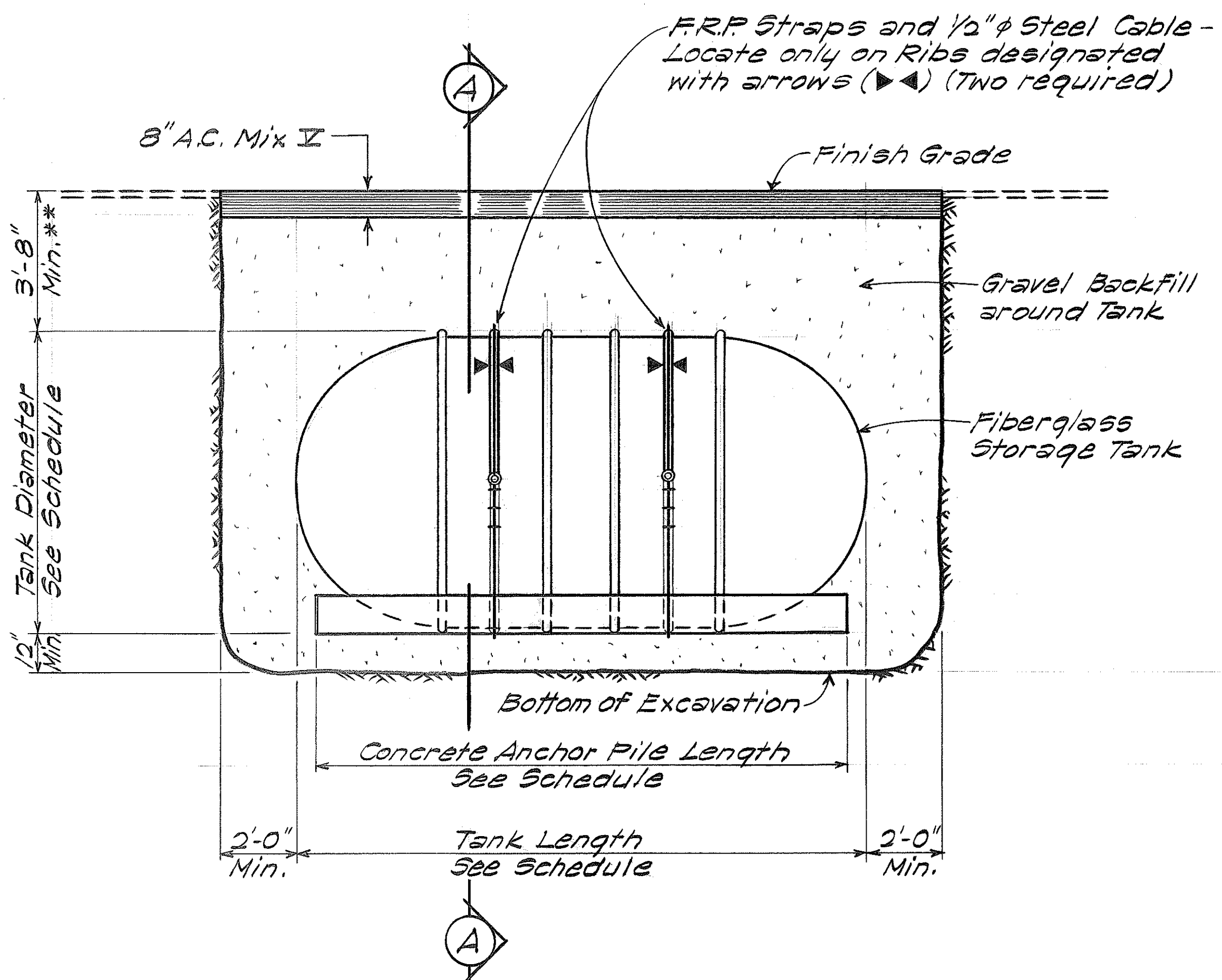


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	LT-0-05-70	1981	4	4



SECTION A-A
Scale: 3/8" = 1'-0"

FRP TANK SCHEDULE				
NOMINAL TANK CAPACITY	DIAMETER*	LENGTH*	ANCHOR PILE LENGTH	HOLD-DOWN STRAPS
2000 Gals.	6'-0" to 8'-0"	9'-0" to 11'-0"	9'-0"	2
4000 Gals.	7'-0" to 8'-0"	13'-0" to 16'-0"	14'-0"	2

* Diameter and length determined by FRP tank furnished.
 ** Min. depth may be more if req'd. by Code or if necessary for adequate Vent and Product Line slope to avoid flat spots.

ELEVATION
Scale: 3/8" = 1'-0"

INSTALLATION INSTRUCTIONS

1. Excavate hole to correct proportions. If necessary, keep hole free of ground water with pump.
2. Install Min. 12" Gravel Bed. Shape Bed for desired Tank slope.
3. Lower Tank into excavation. If required, add Ballast, sufficient to hold Tank in position. However, at no time should Ballast exceed level of ground water in excavation.
4. Thread 1/2" Galv. Cable through Eyelets of F.R.P. Strap. Lower and position Straps over appropriate Ribs of Tank (Designated with arrows). (Do not bond Straps to Ribs)
5. Loop end of Cable around Concrete Anchor Piles while Anchor is resting on Grade. Close Loop with three Cable Clamps spaced @ 6" o.c.
6. Lower and position Anchor Pile into excavation as shown on drawing. Keeping free end of Cable at top of Tank. CAUTION: Pick up Anchor Pile at designated location only.
7. Bring Backfill to top of Anchors to secure lateral positioning.
8. Form loops at free ends of Cables and overlap at top of Tank. Tighten Cable with "Come-a-long" or Hand Winch. Cable must be sufficiently tightened to assure firm contact all along top of Tank surface. Splice Cable with three Cable Clamps.
9. Complete Backfill to top of Tank.
10. For additional requirements, see Section 695 of the Special Provisions.

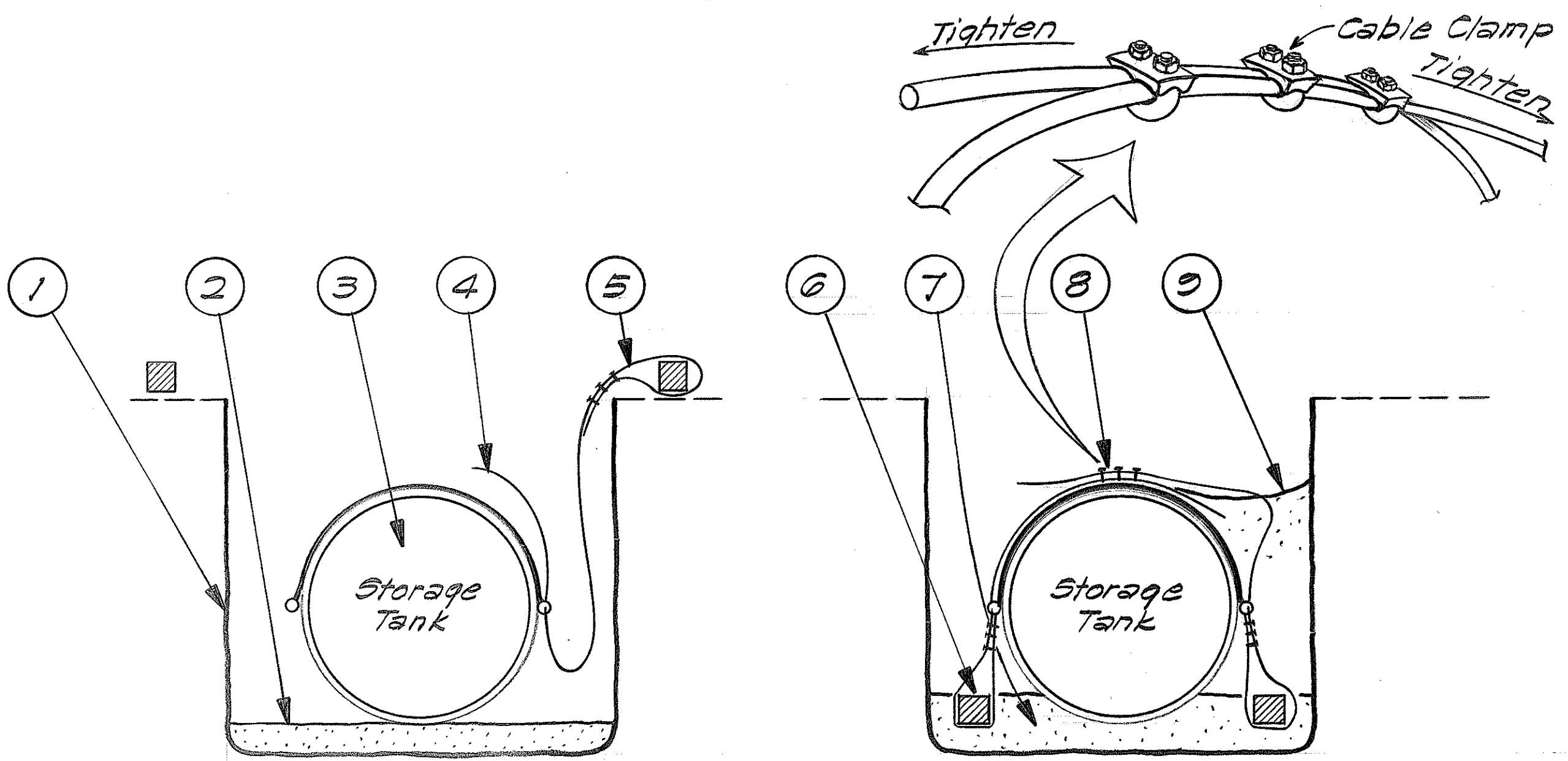


DIAGRAM FOR INSTALLATION
Not to Scale

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

LAND TRANSPORTATION FACILITIES DIVISION

TANK HOLD DOWN DETAILS

OAHU DISTRICT

BASEYARD IMPROVEMENTS

Proj. No. LT-0-05-70

Scale: As Shown Date: Nov. 1980

SHEET NO. 1 OF 1 SHEETS

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