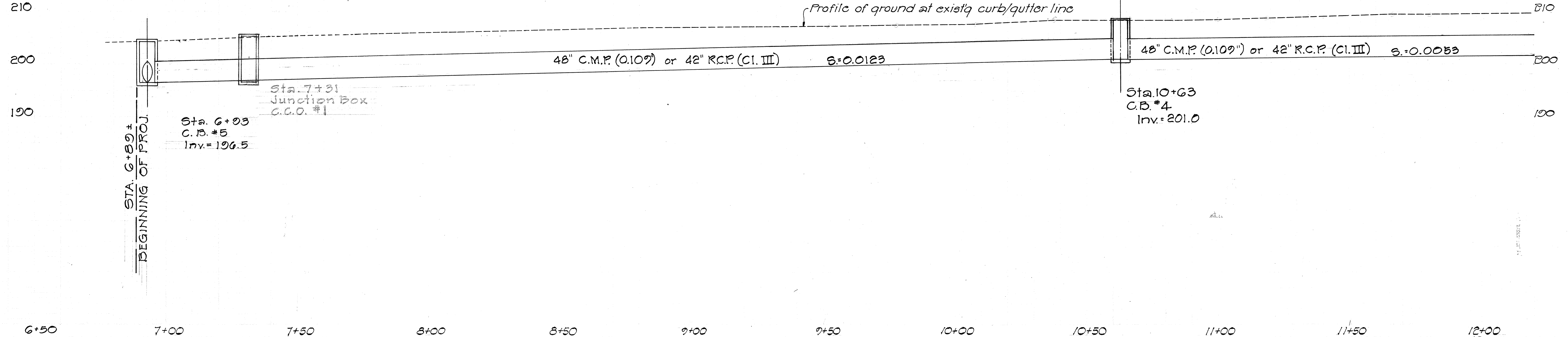
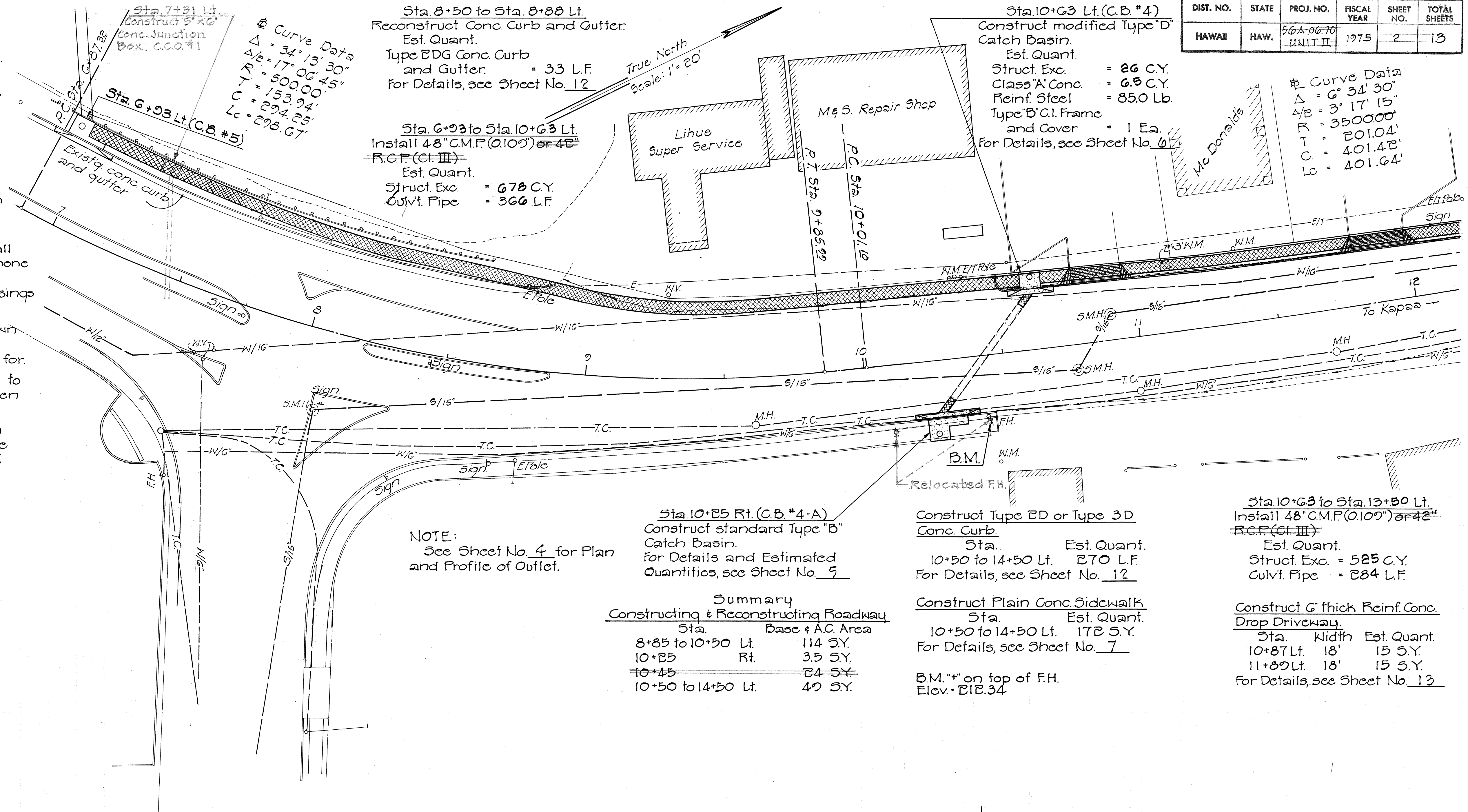


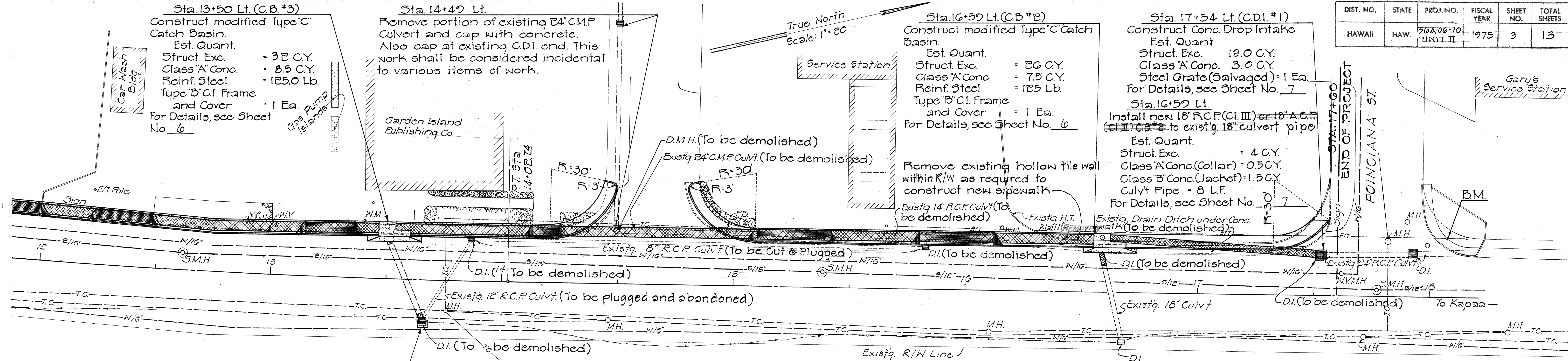
GENERAL NOTES

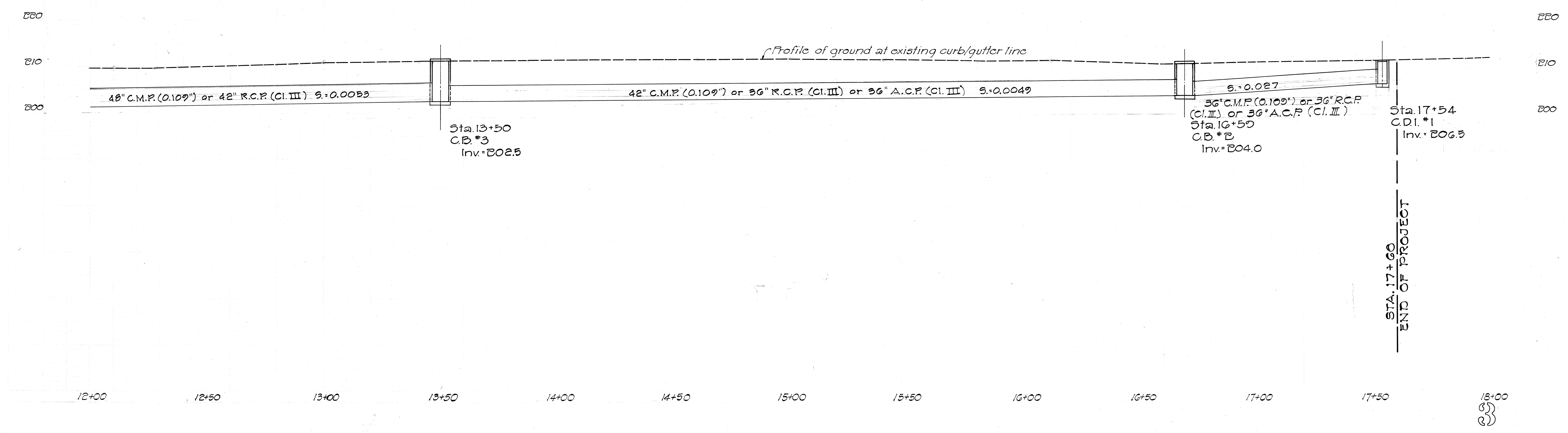
1. All azimuths are referred to Δ Kalepa.
2. All elevations are referred to Mean Sea Level Datum.
3. Brooming off and Tack Coat shall be considered incidental to the item, Asphalt Concrete Pavement, Mix No.V.
4. Relocation of all existing utilities shall be done by others except for water utility. Work required to remove and reinstall, or adjust water meter, meter boxes, valves, valve boxes, fire hydrants, utility pull boxes; and to cut and reconnect, relocate or adjust existing service laterals affected by the construction shall be considered incidental to item "Structural Excavation for Drainage System."
5. Prior to commencing construction, the contractor shall request Hawaii Board of Water Supply, Hawaiian Telephone Co. and Hawaii Electric Co. to locate their respective utilities. The contractor shall expose all utility crossings prior to excavation and demolition.
6. Any work done beyond the lines and grades shown on the plans or specified by the engineer will be considered as unauthorized and will not be paid for.
7. The contractor shall keep at least one lane open to traffic during working hours and both lanes open to traffic during non-working hours.
8. The contractor shall conduct his operations in a responsible manner such that the roadway will be able to drain at all times and at no time shall the capacity to drain be less than existing conditions.
9. Existing Storm Drain Line shown to be cut and plugged may be demolished if shown to be in conflict with construction.



DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-0670	1975	2	13

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-06-70 UNIT II	1975	3	13





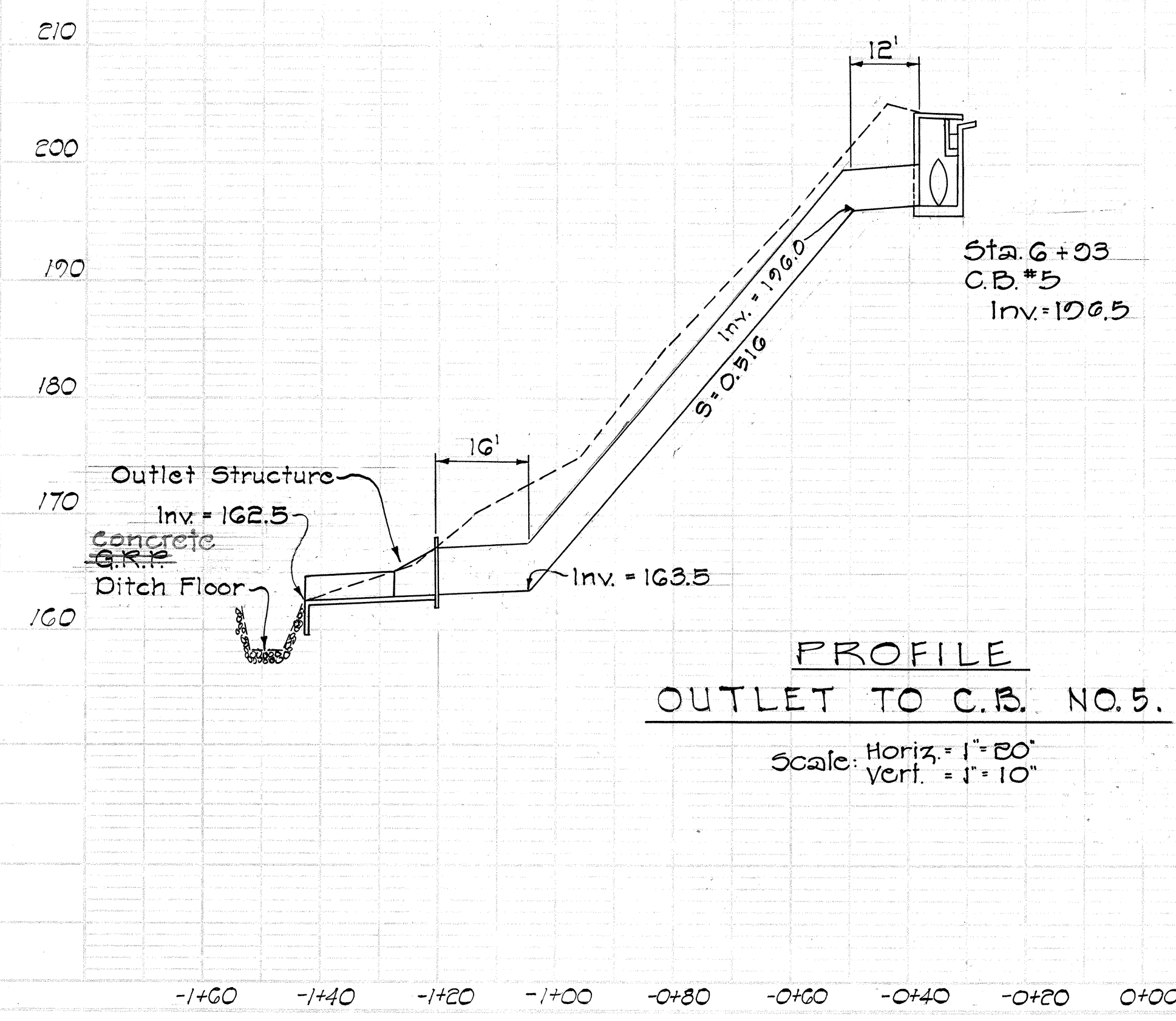
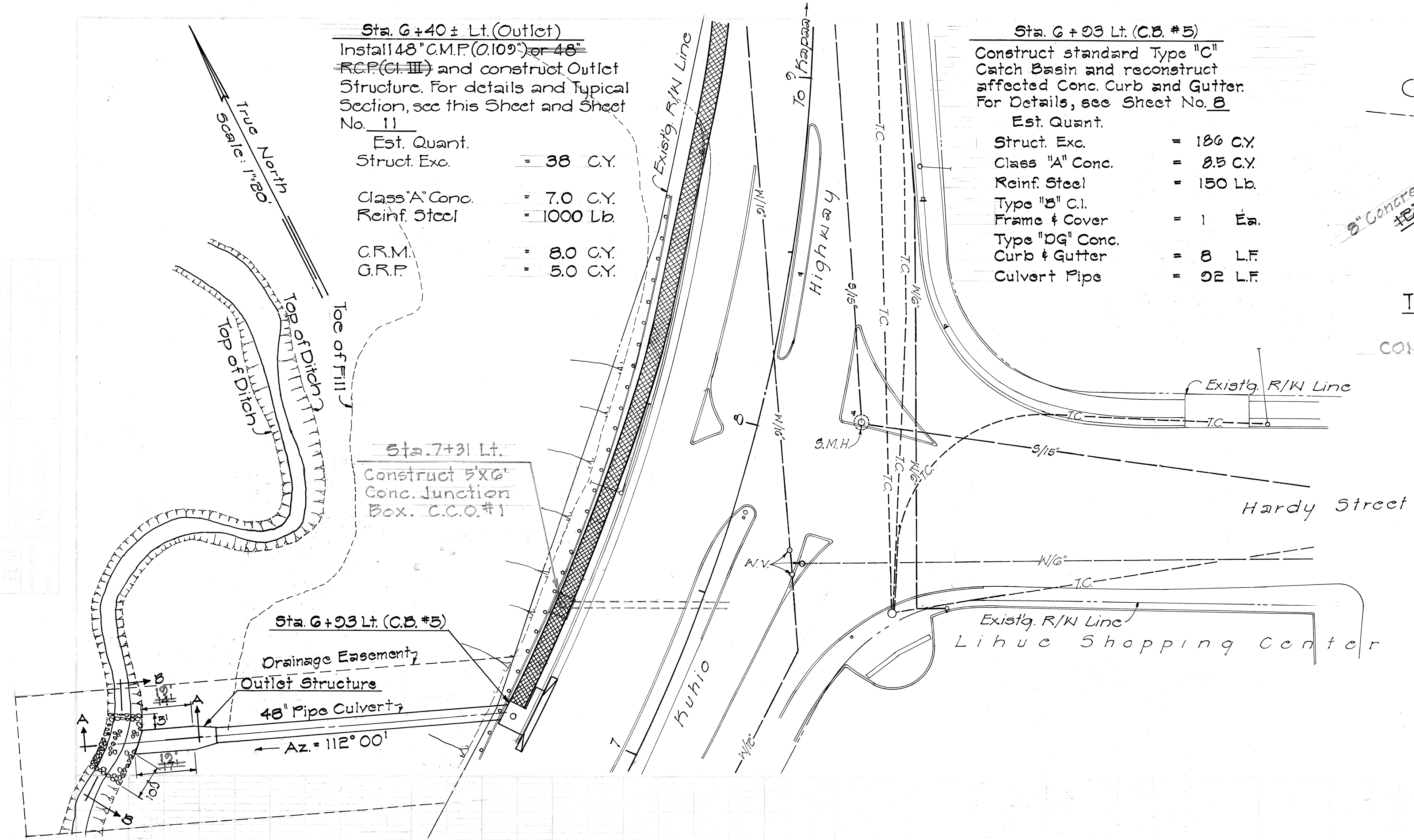
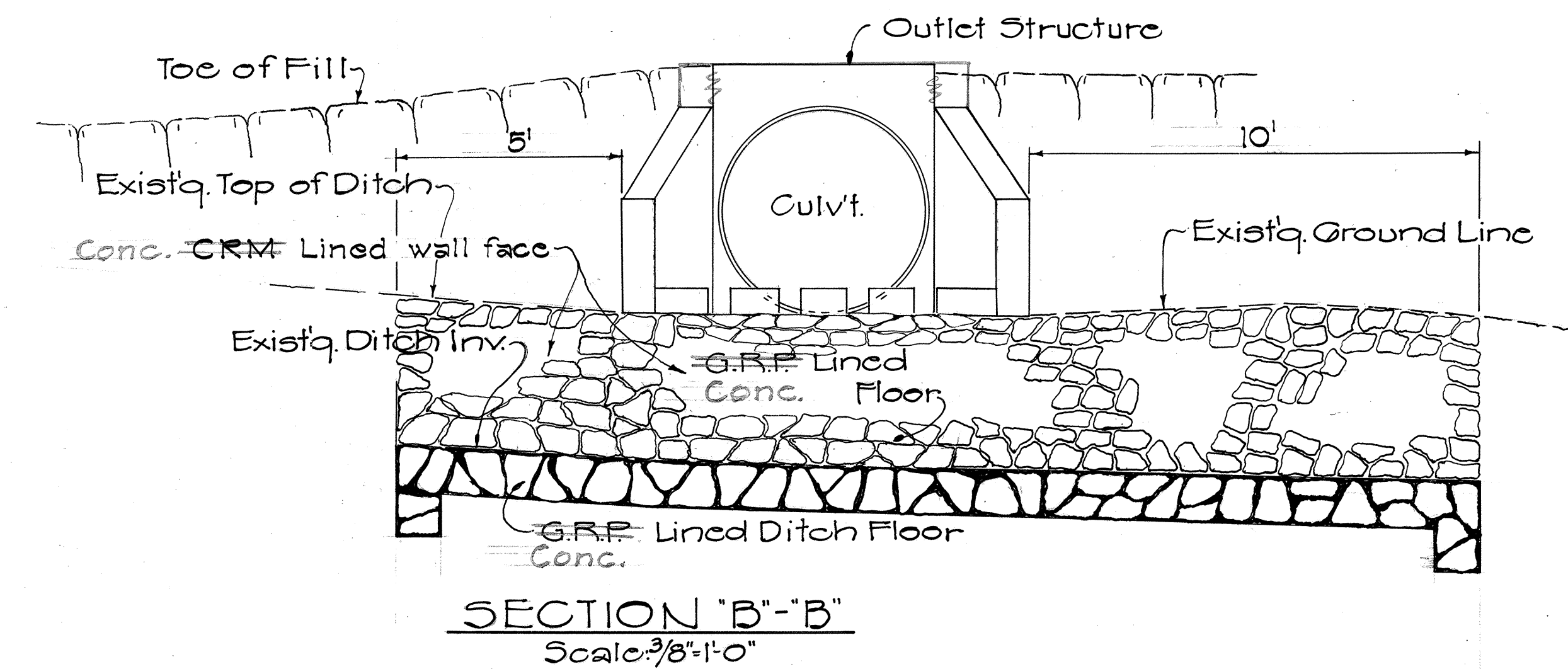
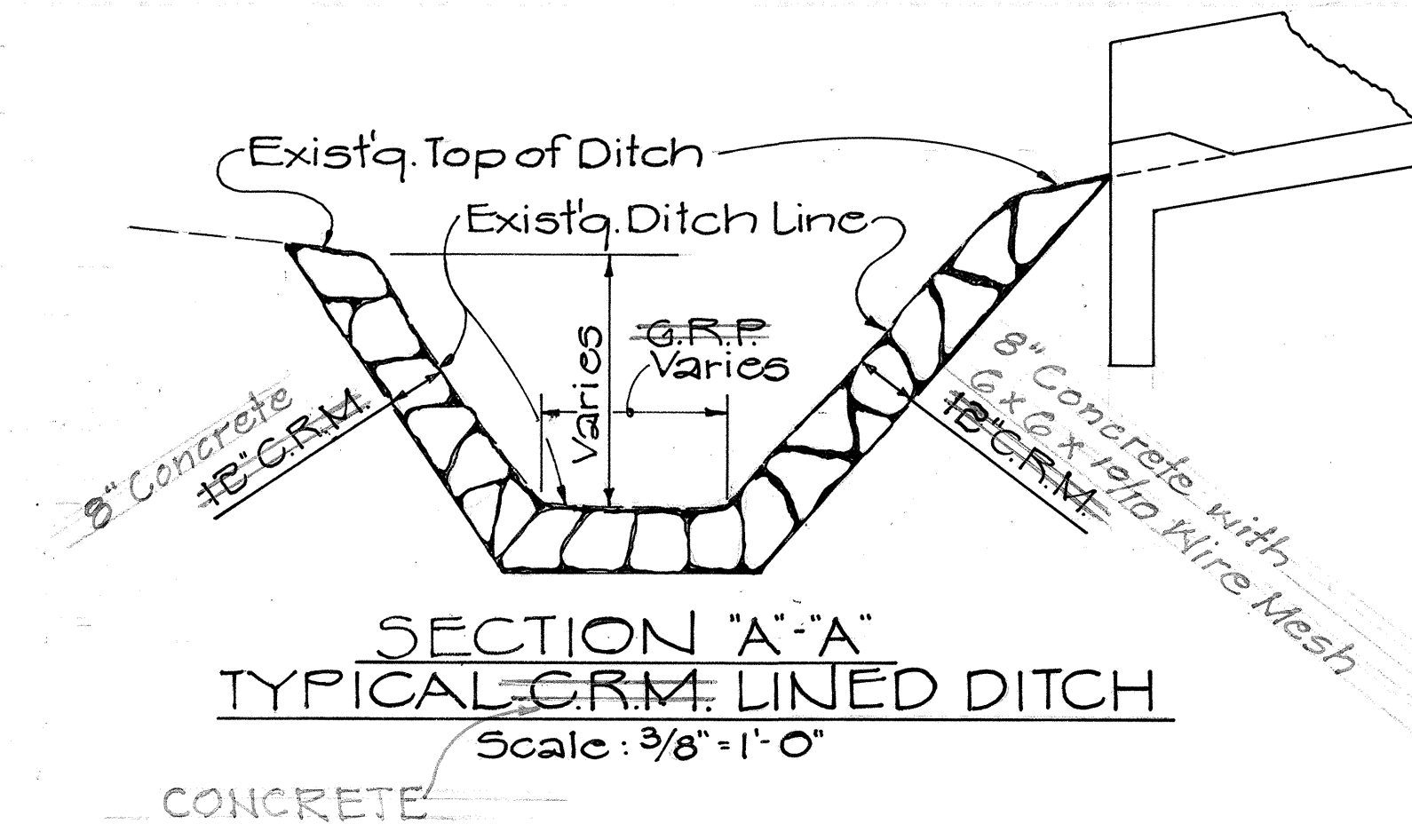
DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-06-70 UNIT II	1975	4	13

Sta. G+40± Lt. (Outlet)
Install 148" C.M.F. (2109") or 48"
R.C.P. (C.I.) and construct Outlet
Structure. For details and Typical
Section, see this Sheet and Sheet
No. 11

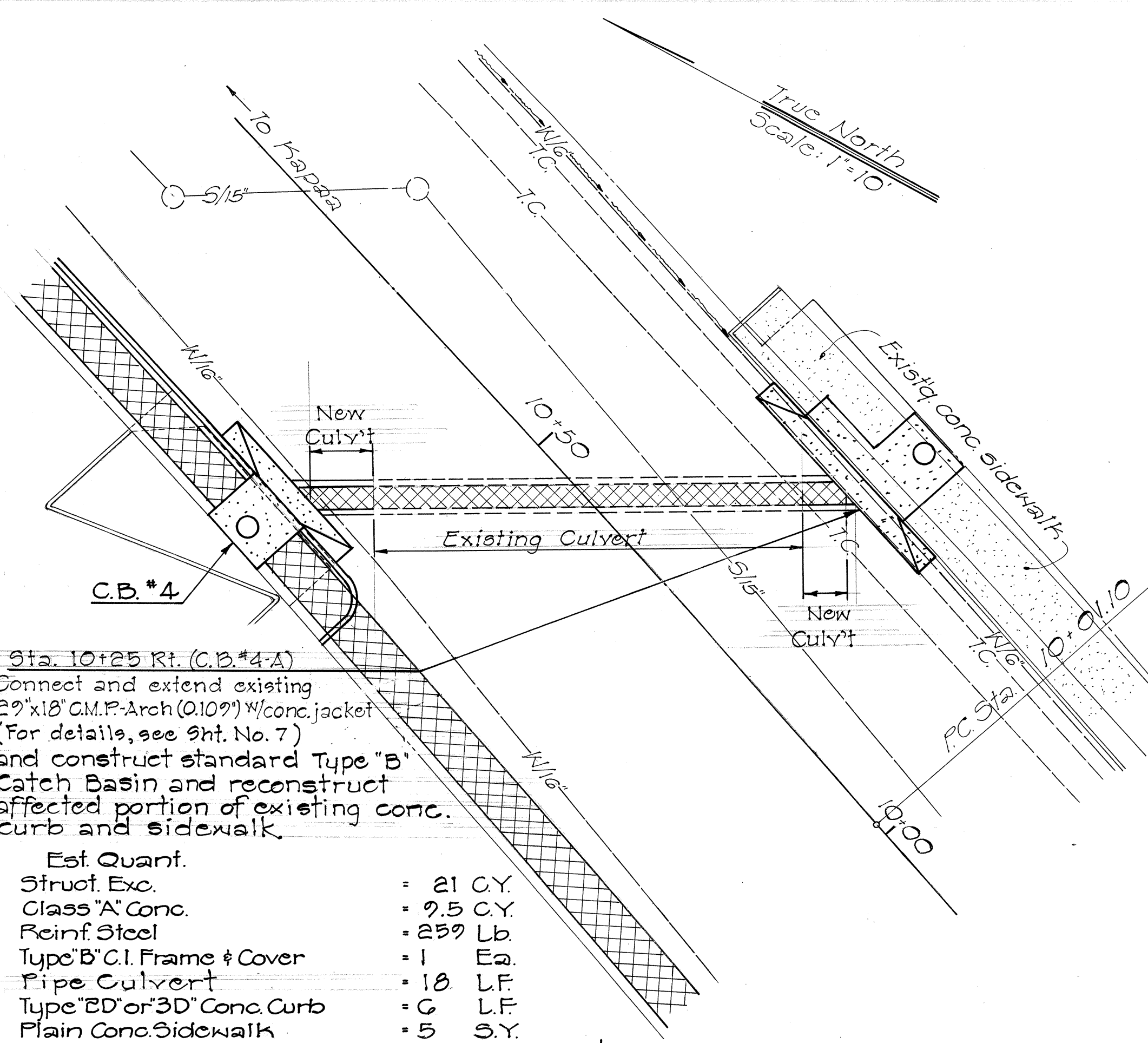
Est. Quant.
Struct. Exc. = 38 C.Y.
Class "A" Conc. = 7.0 C.Y.
Reinf. Steel = 1000 Lb.
C.R.M. = 8.0 C.Y.
G.R.P. = 5.0 C.Y.

Sta. G+03 Lt. (C.B. #5)
Construct standard Type "C"
Catch Basin and reconstruct
affected Conc. Curb and Gutter.
For Details, see Sheet No. 8

Est. Quant.
Struct. Exc. = 186 C.Y.
Class "A" Conc. = 8.5 C.Y.
Reinf. Steel = 150 Lb.
Type "B" C.I. Frame & Cover = 1 Ea.
Type "DG" Conc. Curb & Gutter = 8 L.F.
Culvert Pipe = 92 L.F.



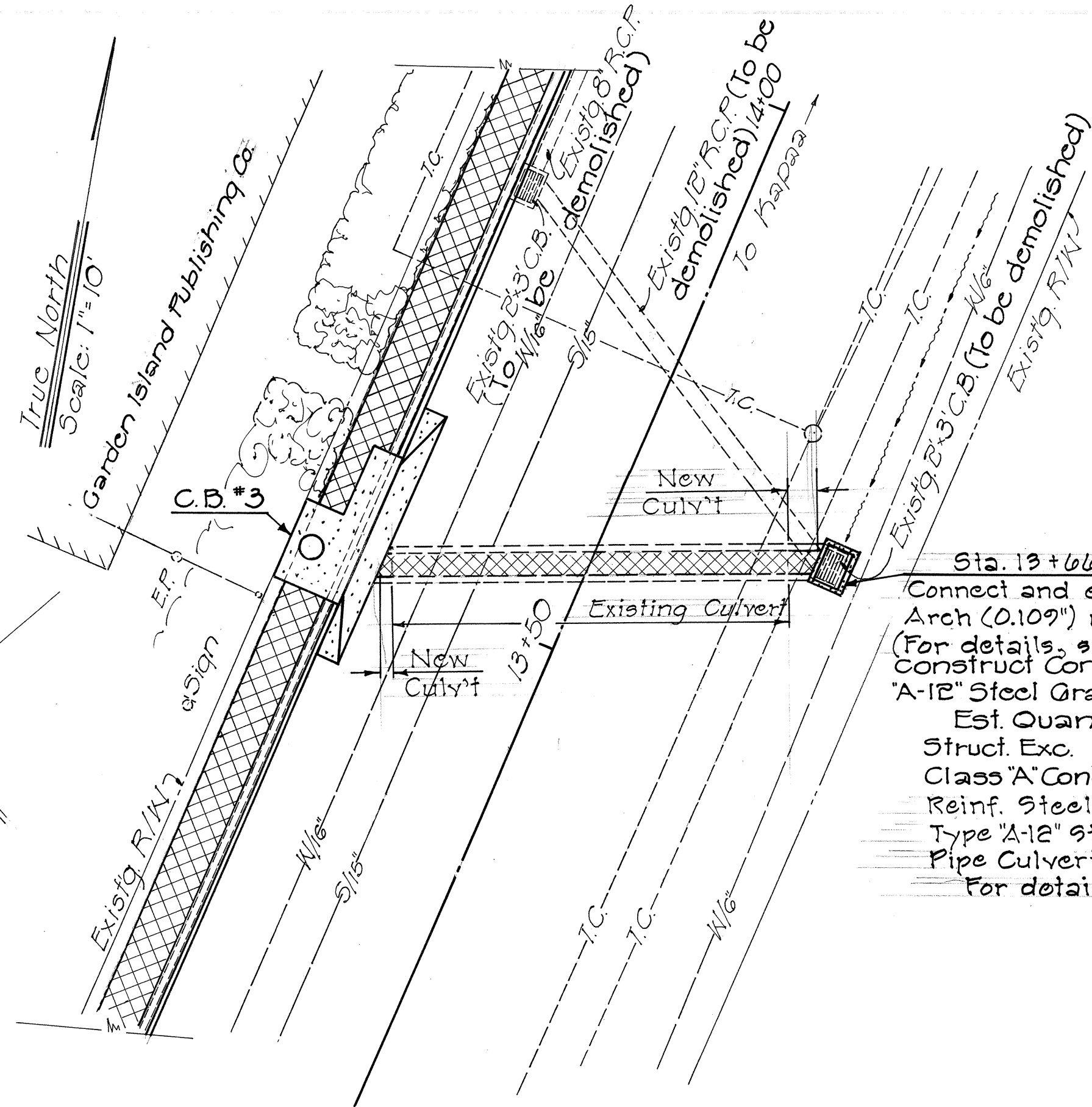
DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50A-06-70 UNIT II	1975	5	13



Sta. 10+25 Rt. (C.B. #4-A)
Connect and extend existing 29"x18" C.M.P. Arch (0.10%) w/conc. jacket (For details, see Sht. No. 7) and construct standard Type "B" Catch Basin and reconstruct affected portion of existing conc. curb and sidewalk.

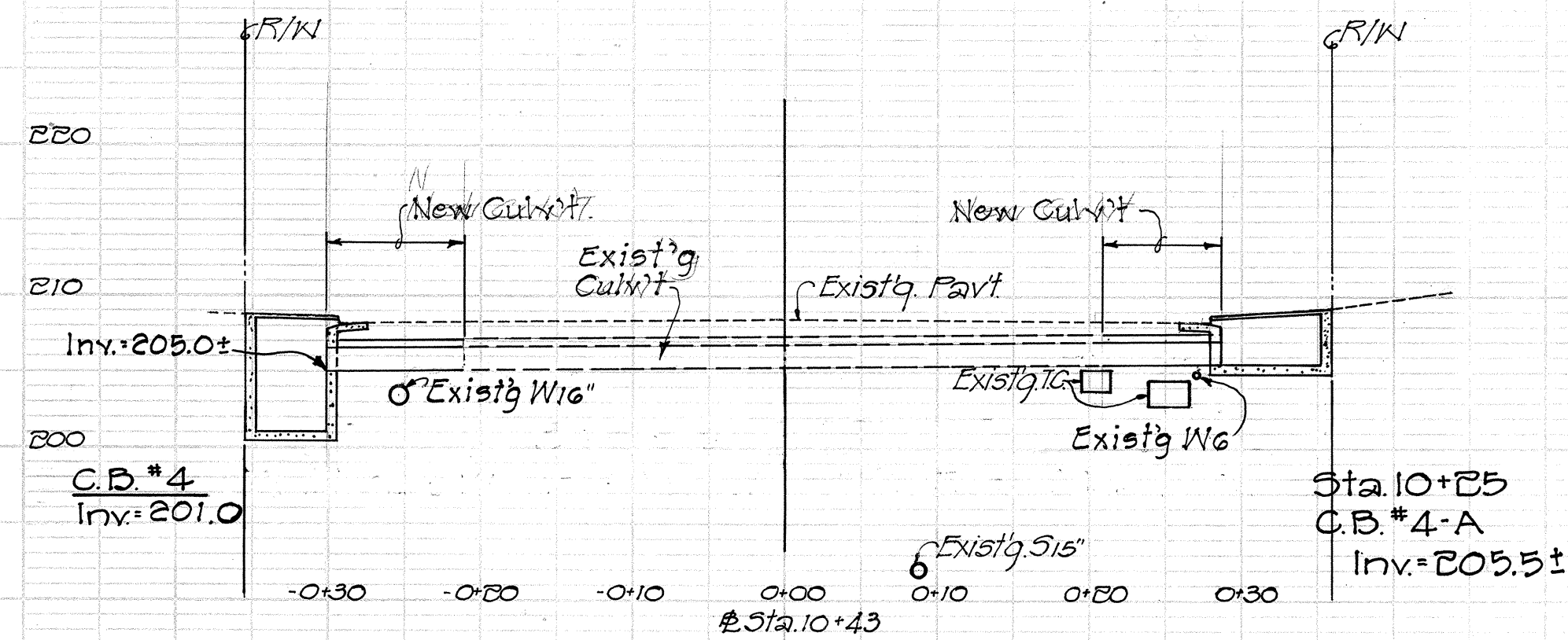
Est. Quant.
Struct. Exc. = 21 C.Y.
Class "A" Conc. = 9.5 C.Y.
Reinf. Steel = 259 Lb.
Type "B" C.I. Frame & Cover = 1 Ea.
Pipe Culvert = 18 L.F.
Type "BD" or "3D" Conc. Curb = 6 L.F.
Plain Conc. Sidewalk = 5 S.Y.
For details, see Sheets No's 7, 8, & 12.

PLAN
Scale: 1"=10'

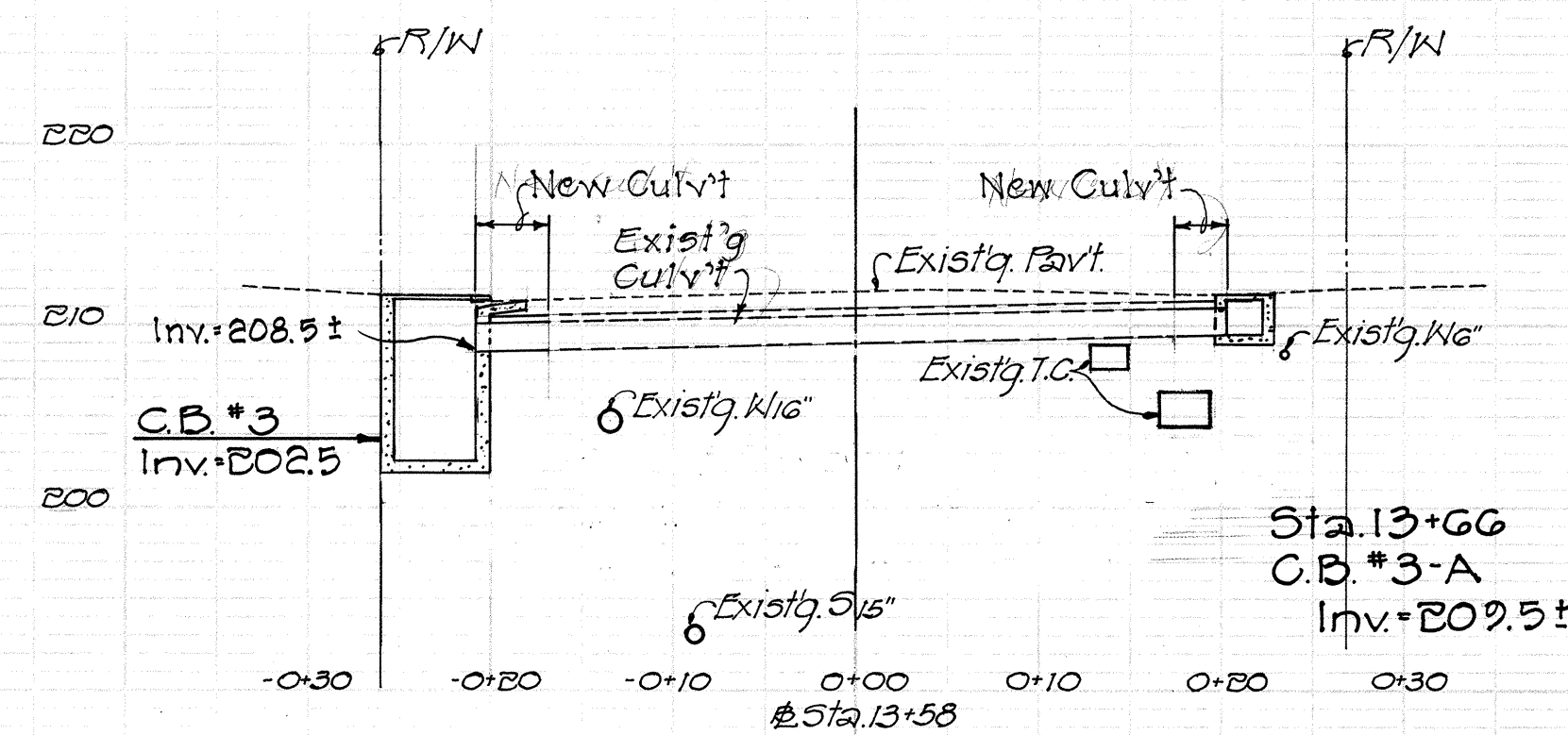


Sta. 13+66 Rt. (C.B. #3-A)
Connect and extend existing 29"x18" C.M.P. Arch (0.10%) w/conc. jacket (For details, see Sht. No. 7) Construct Conc Drop Intake w/Type "A-12" Steel Grating.
Est. Quant.
Struct. Exc. = 8 C.Y.
Class "A" Conc. = 3.0 C.Y.
Reinf. Steel = 52 Lb.
Type "A-12" Steel Grating = 1 Ea.
Pipe Culvert = 8 L.F.
For details, see Sheet No. 4

PLAN
Scale: 1"=10'



PROFILE ~24" CULVERT LEG @ STA. 10+43
Scale: 1"=10' B.N.



PROFILE ~24" CULVERT LEG @ STA. 13+58
Scale: 1"=10' B.N.