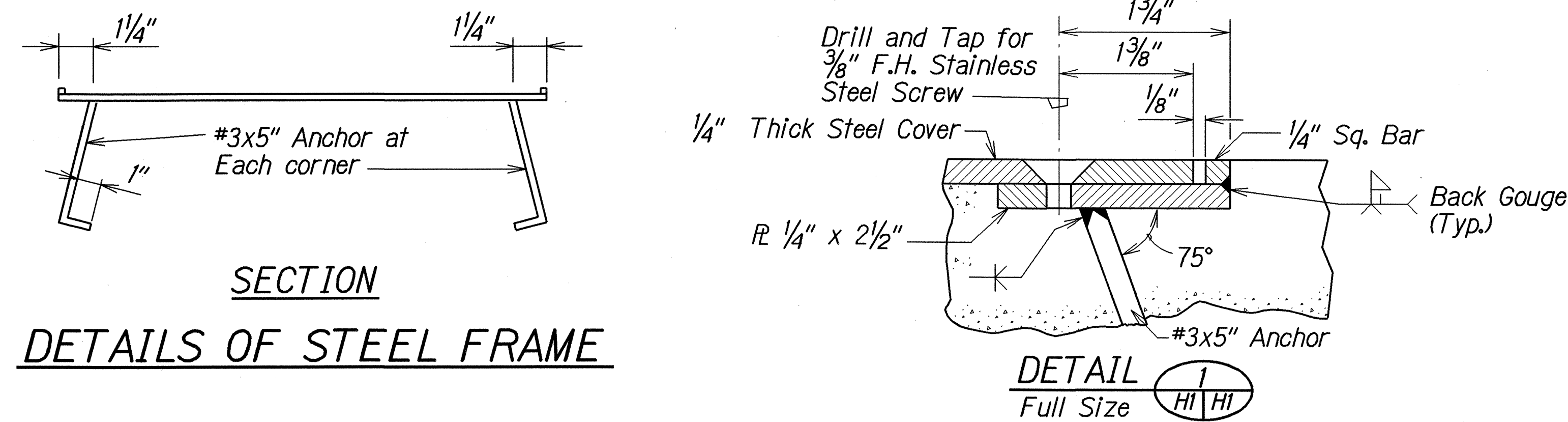


DRAINAGE NOTES

- Existing drainage systems will be functional at all times during construction. The Contractor is to furnish materials, equipment, labor, tools and incidentals necessary to accomplish maintenance of flow. The cost shall be incidental to Contract Item No. 605-2000.
- The quantities for cleanouts are based on As-Built drawings. The Contractor shall verify the locations of all existing cleanouts in the field. Demolishing, removing, and disposing existing cleanouts shall not be paid for separately, but shall be considered incidental to Item No. 605-2000-Cleanout.
- Any existing underdrains damaged during construction shall be replaced by the Contractor at his own expense.

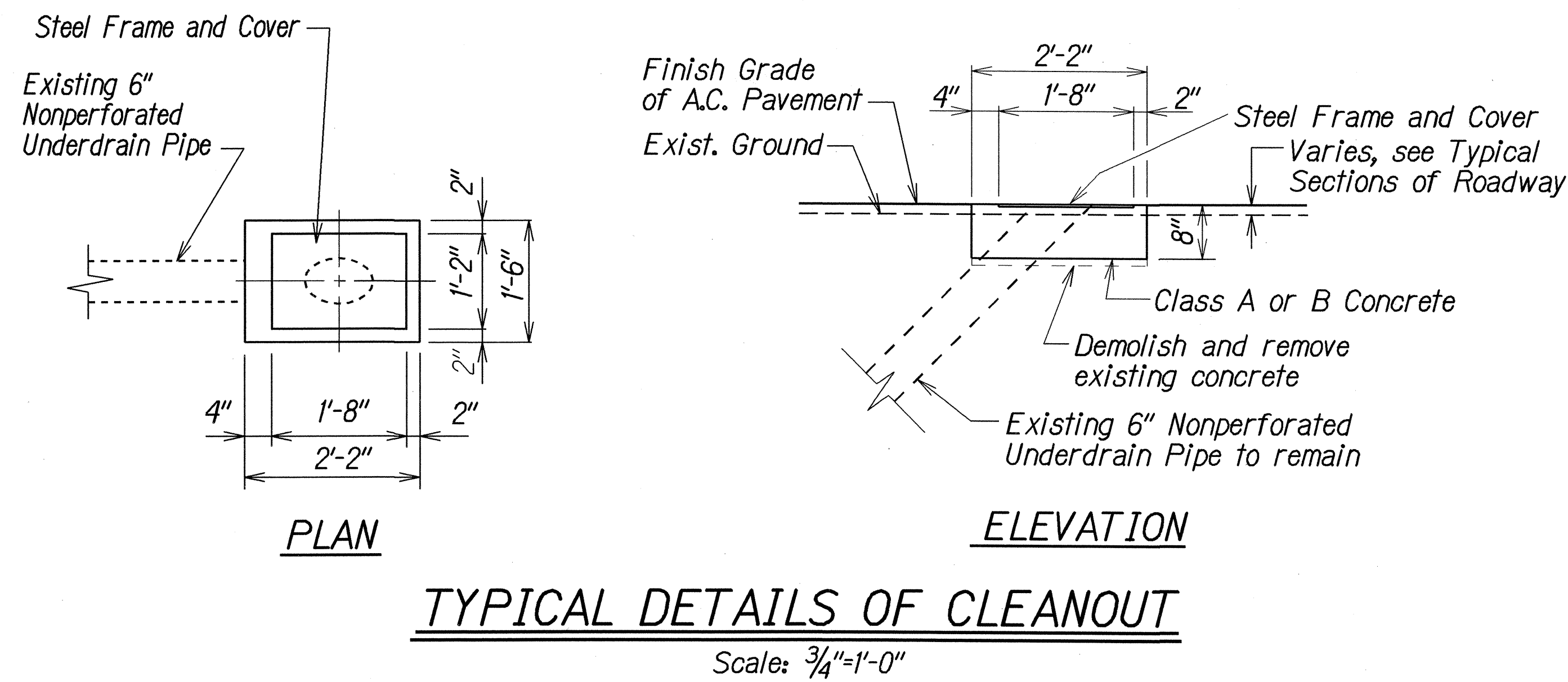


SECTION
DETAILS OF STEEL FRAME

DETAILS OF STEEL FRAME AND COVER FOR CLEANOUT

NOTE: All Steel Parts shall be galvanized in accordance with the requirements of ASTM A123.

Scale: 3/4"=1'-0"



TYPICAL DETAILS OF CLEANOUT

Scale: 3/4"=1'-0"

ESTIMATED QUANTITIES FOR CLEANOUT			
H-3 # Station	Quantity (ea)	H-3 # Station	Quantity (ea)
521+48 521+50± Lt	1	553+50 554+48± Rt	1
523+05 522+68± Rt	1	556+57 557+52± Rt	1
524+00 523+34± Lt	1	564+00 564+08± Rt	1
524+80± Rt	1	568+00 568+00± Rt	1
527+03 526+20± Rt	1	572+04 572+00± Rt	1
527+06 526+84± Lt	1	603+22 602+72± Lt	1
530+56 530+76± Rt	1	Ramp "D" # Sta.	
530+85 531+09± Lt	1		
534+50 534+92± Lt	1	0+93 1+30±	1
535+05 535+64± Rt	2	3+55 3+68±	1
536+99± Lt	1	11+32 11+08±	1
540+10± Rt	1	13+09 13+00±	1
541+34± Rt	1		
543+50 544+00± Rt	1		
540+95 546+24± Rt	1		
552+20± Rt	1	TOTAL	27

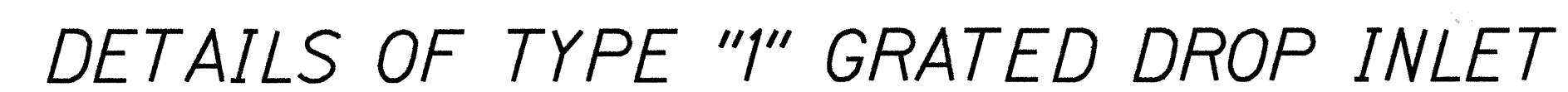
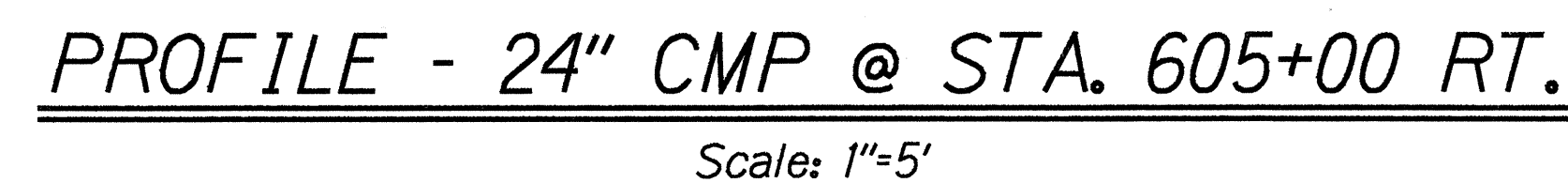
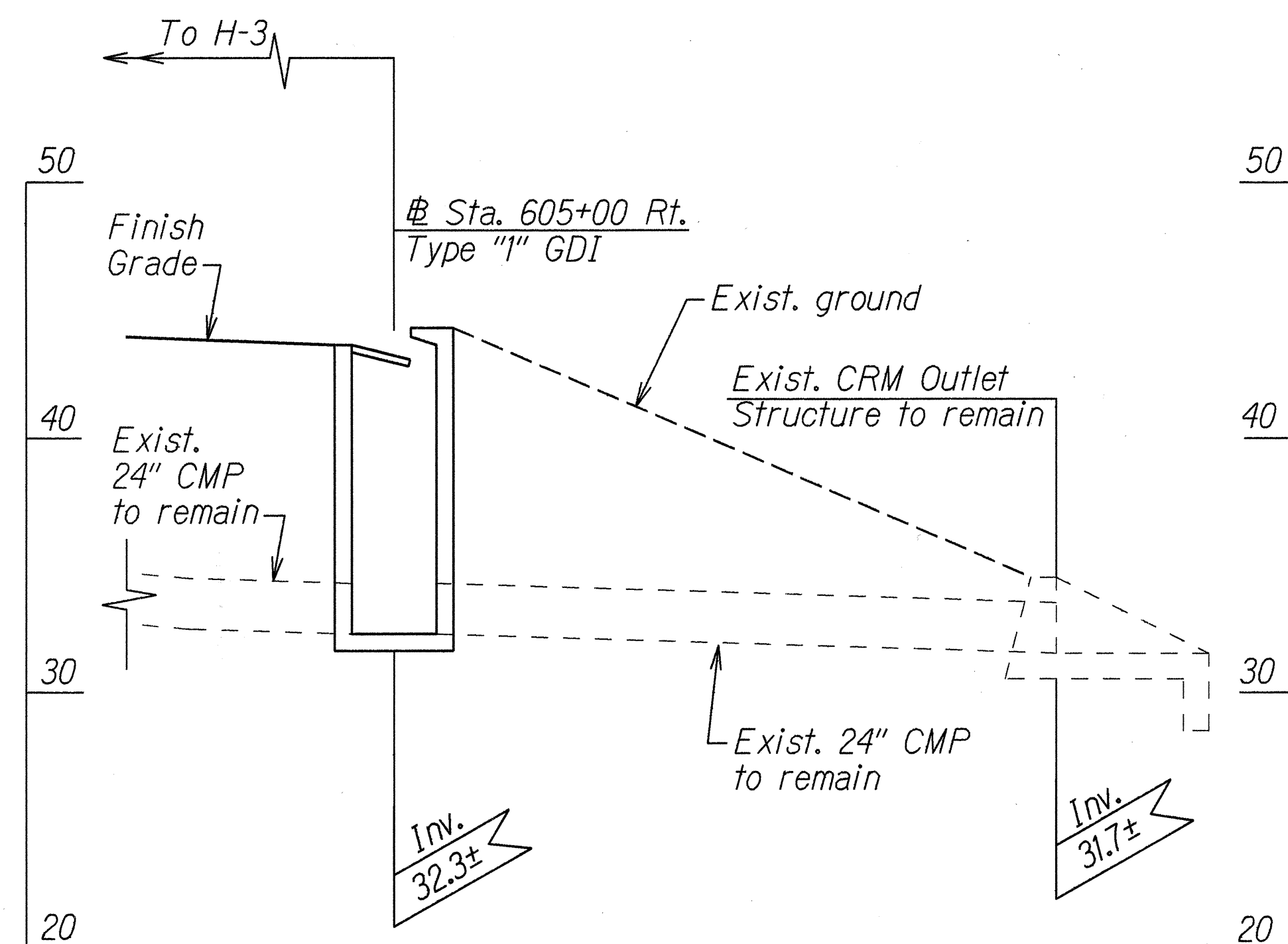
LEGEND FOR
AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DRAINAGE DETAILS
INTERSTATE ROUTE H-3 RESURFACING
Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
Federal Aid Project No. IM-H3-1(77)
Scale: As Shown Date: Nov. 1998
SHEET No. 41 OF 2 SHEETS

SECTION A

Scale: $\frac{3}{4}" = 1'-0"$



ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK DATE 2/2/79	DRAWN BY <u>λ</u> _____
DESIGNED BY Randy Kawamura	TRACED BY _____
QUANTITIES BY _____	CHECKED BY _____

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

INTERSTATE ROUTE H-3 RESURFACING

Halekou Interchange to
Kaneohe Marine Corps Base Hawaii
Federal Aid Project No. 1M-H3-1(K77)

Scale: As Shown Date: Nov. 1998

SHEET No. H2 OF 2 SHEETS