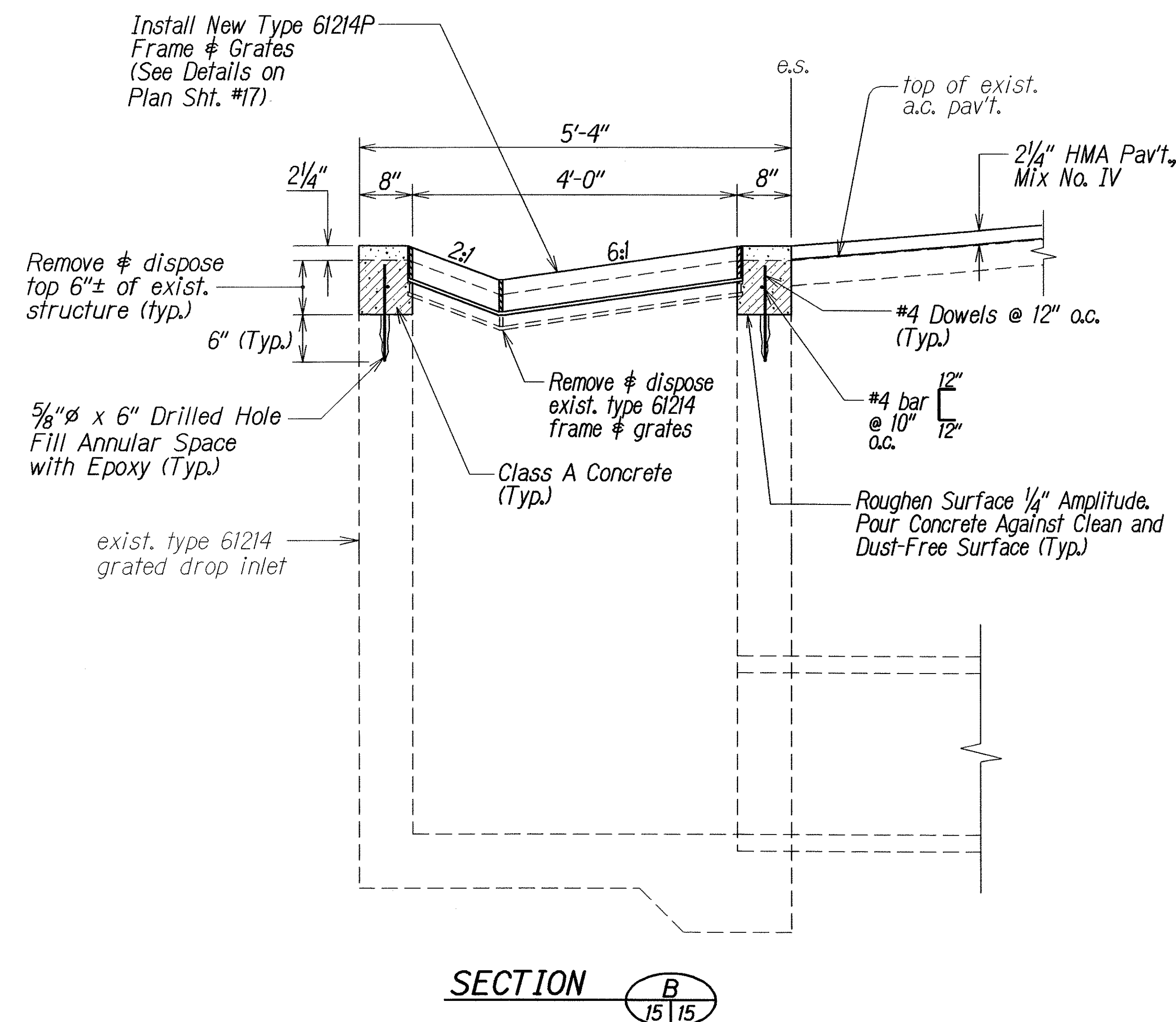
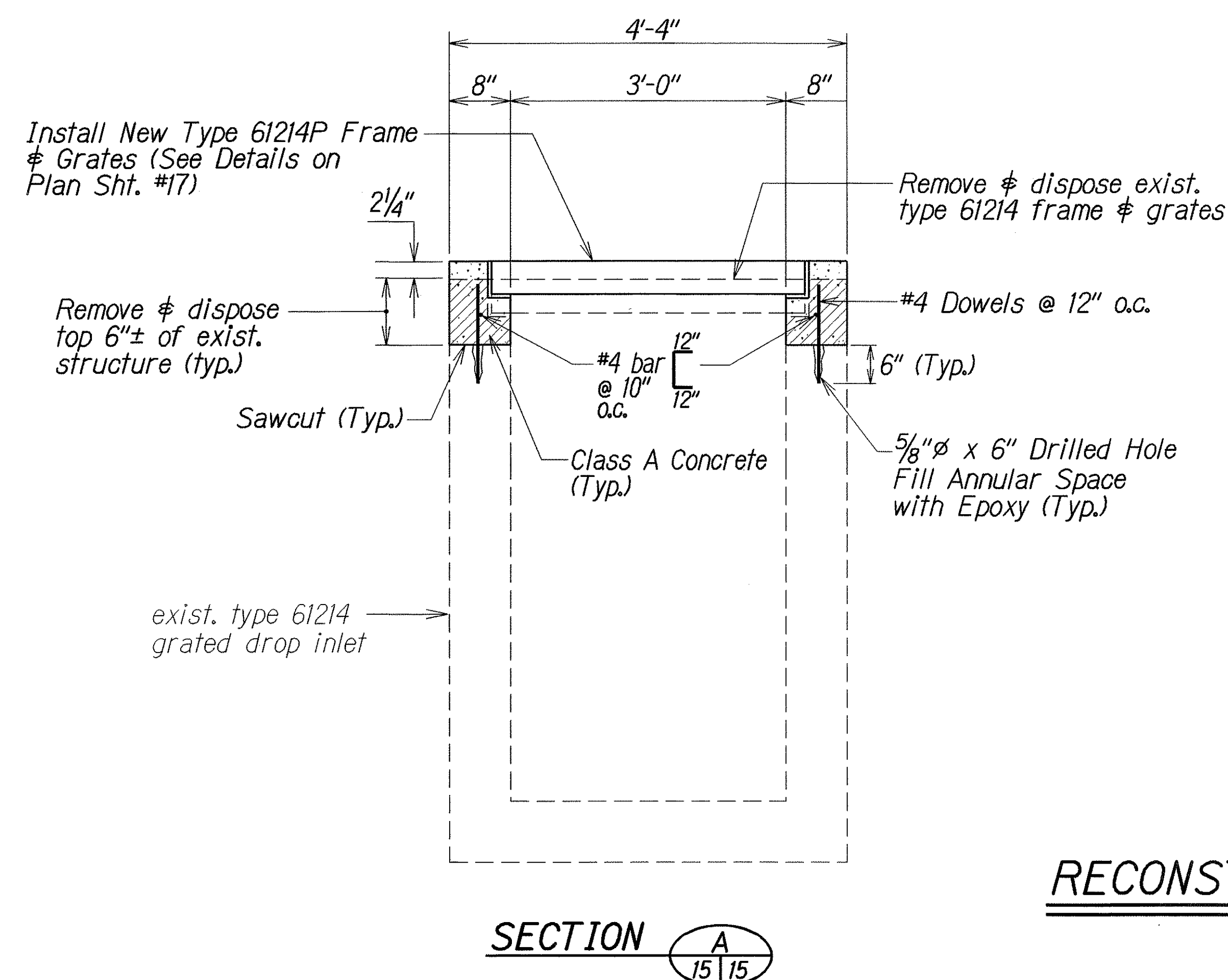
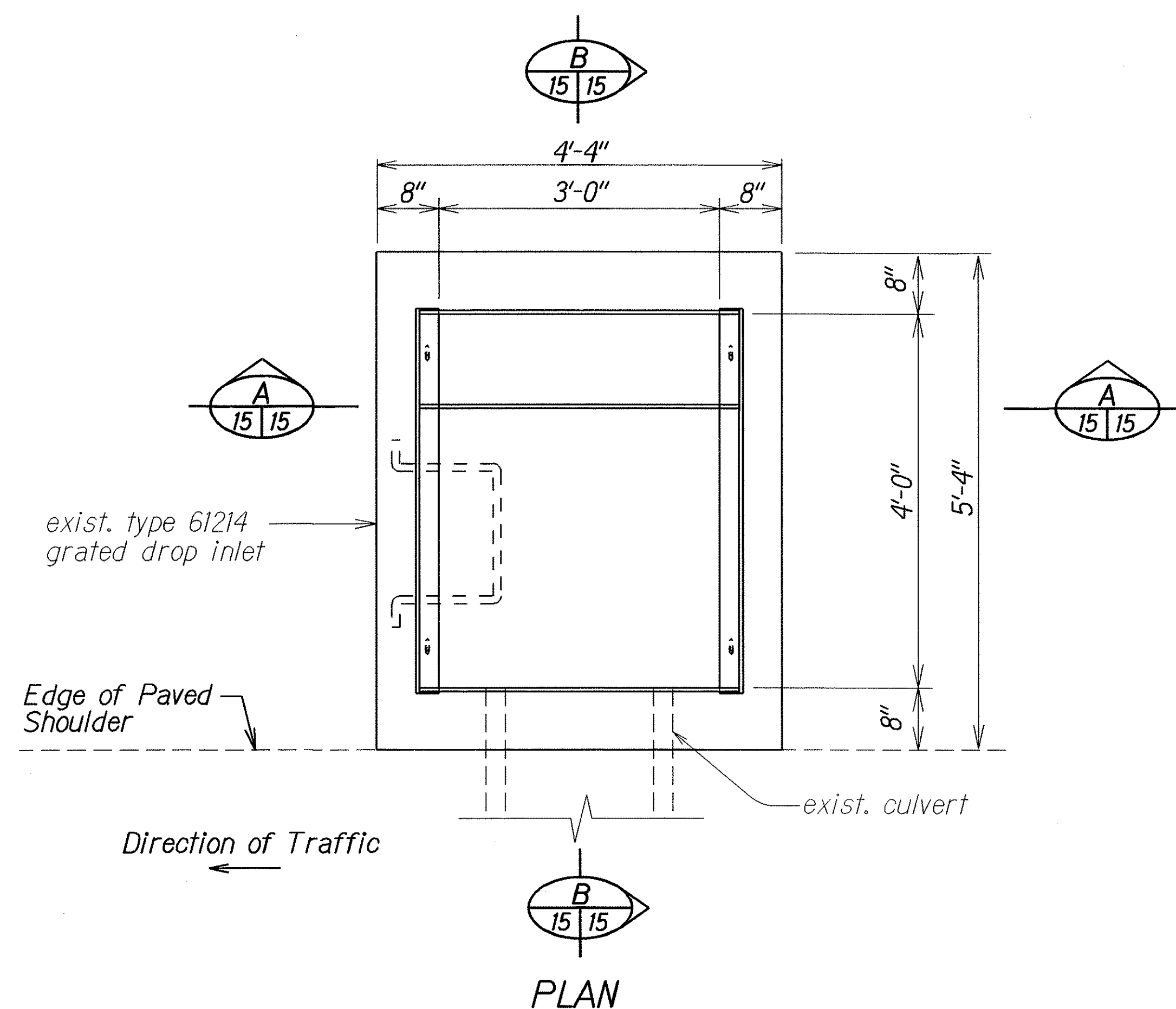


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50C-01-07M	2007	15	24



RECONSTRUCTED TYPE 61214 DRAIN INLET WITH TWO GRATES

Not to Scale

DESIGNED BY	DATE
TRACED BY	2/06
NOTED BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

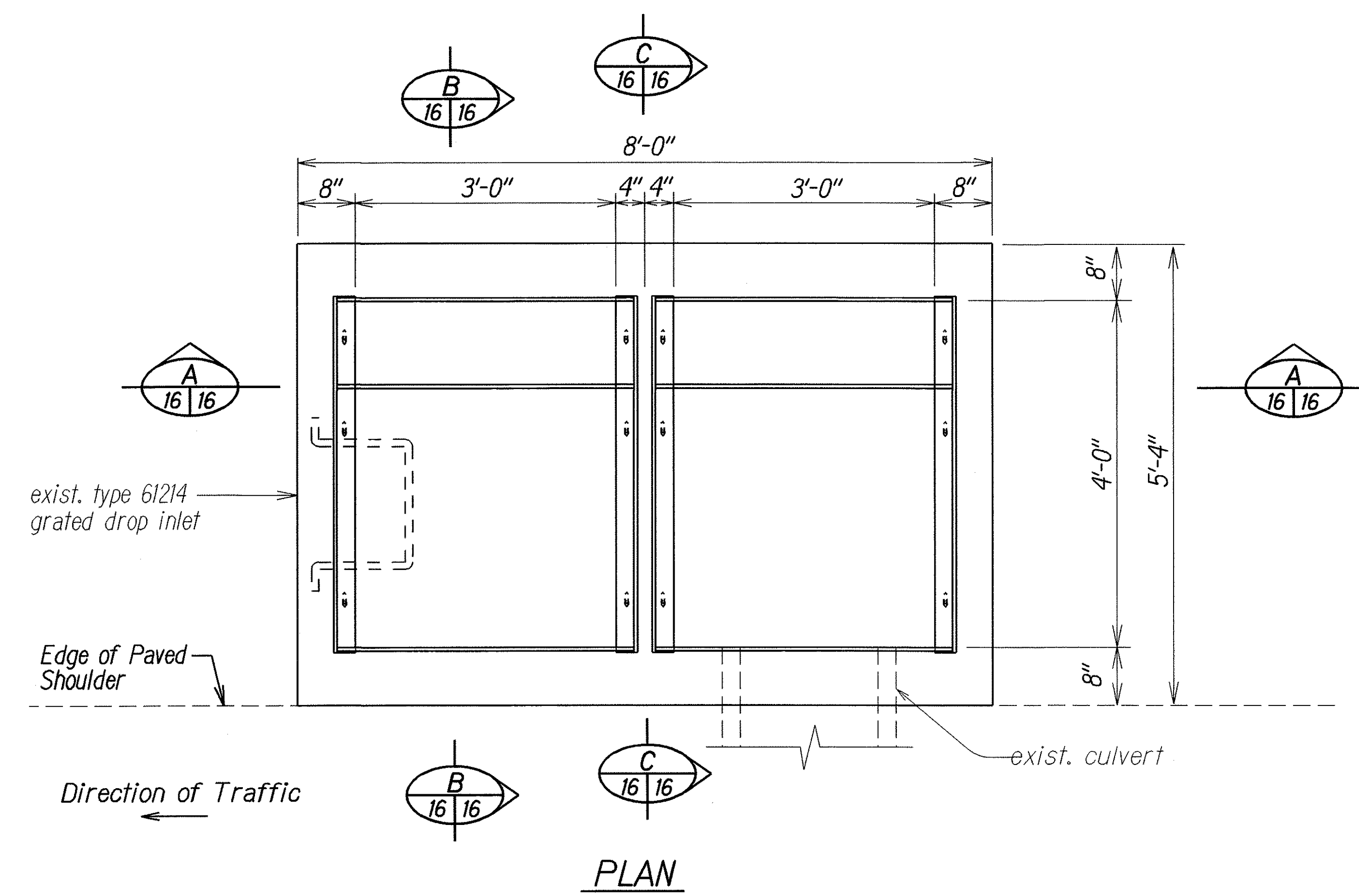
DRAINAGE DETAILS

KAUMUALII HIGHWAY RESURFACING
Halewili Road to Vicinity of Wahiawa Bridge
Project No. 50C-01-07M

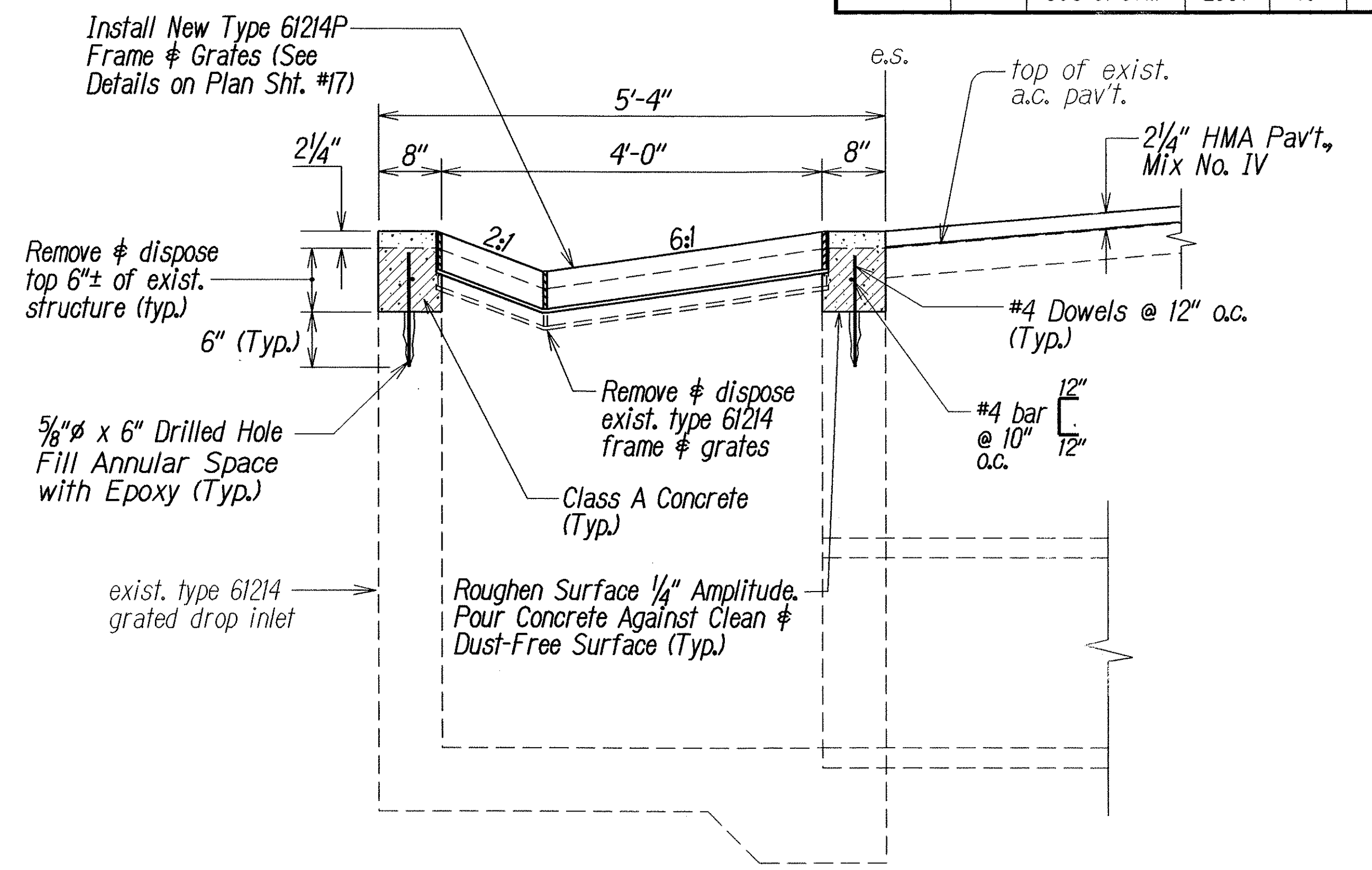
Not to Scale Date: October 2006

SHEET No. 1 OF 3 SHEETS

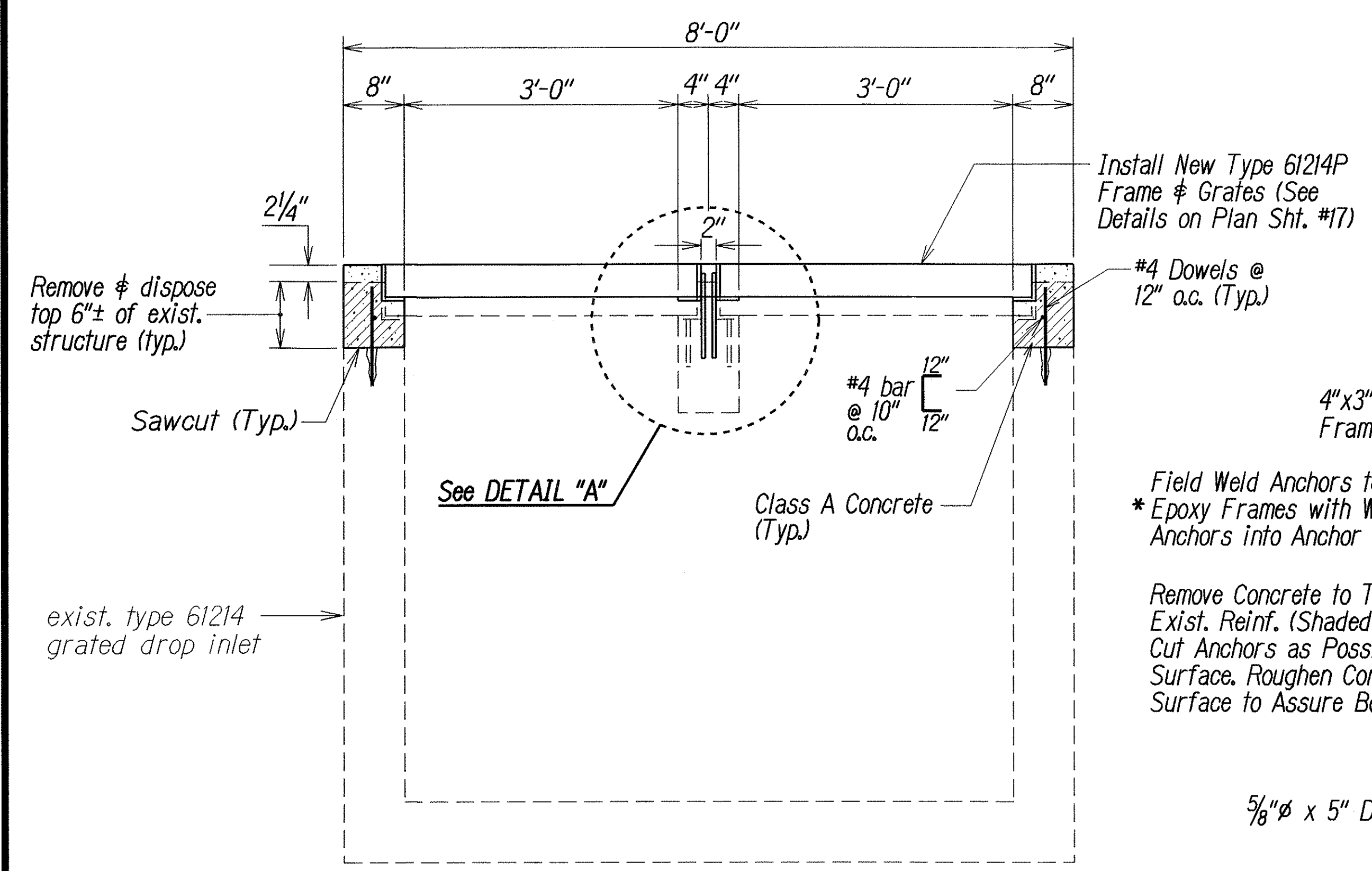
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HAWAII	HAW.	50C-01-07M	2007	16	24



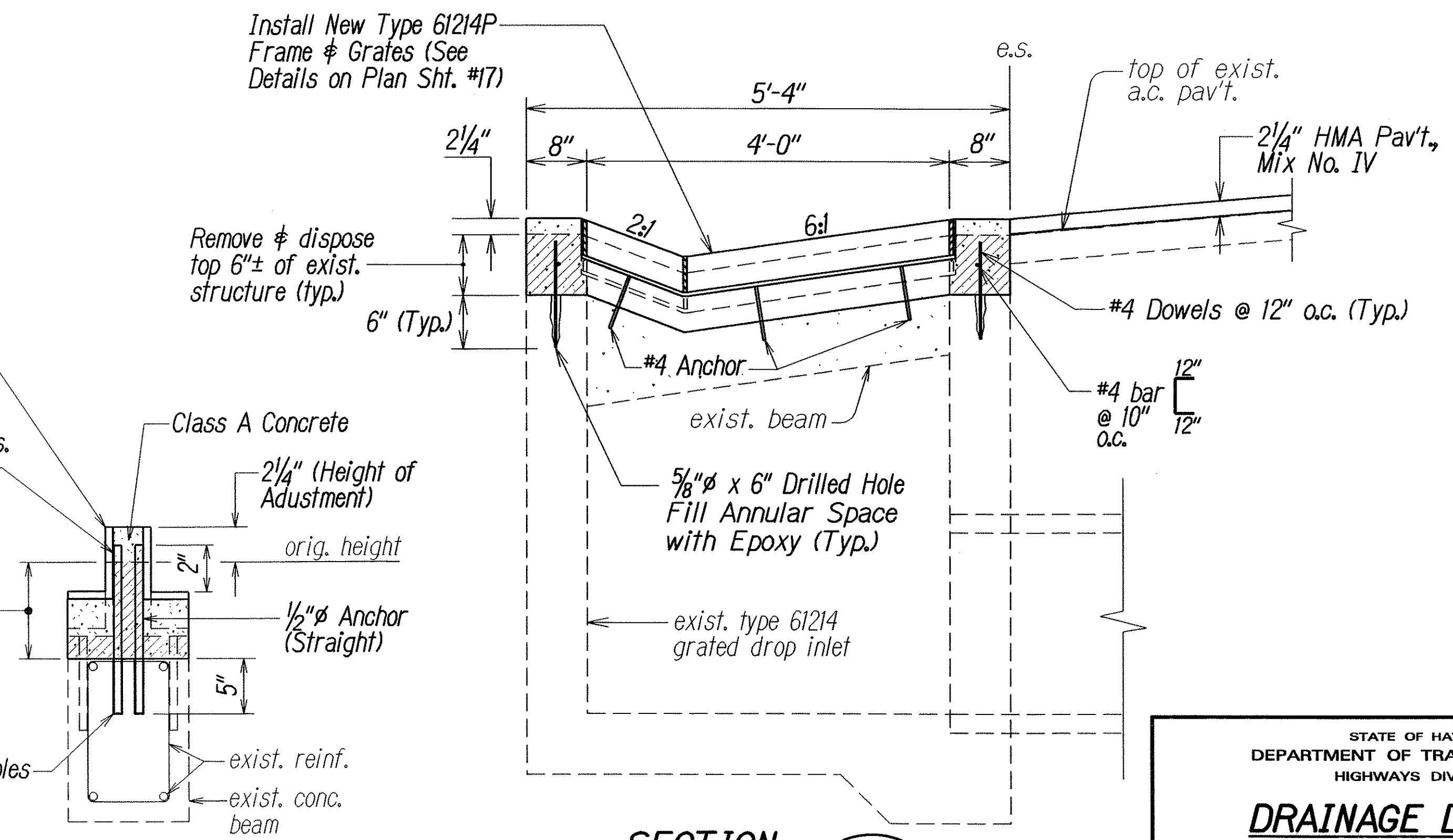
PLAN



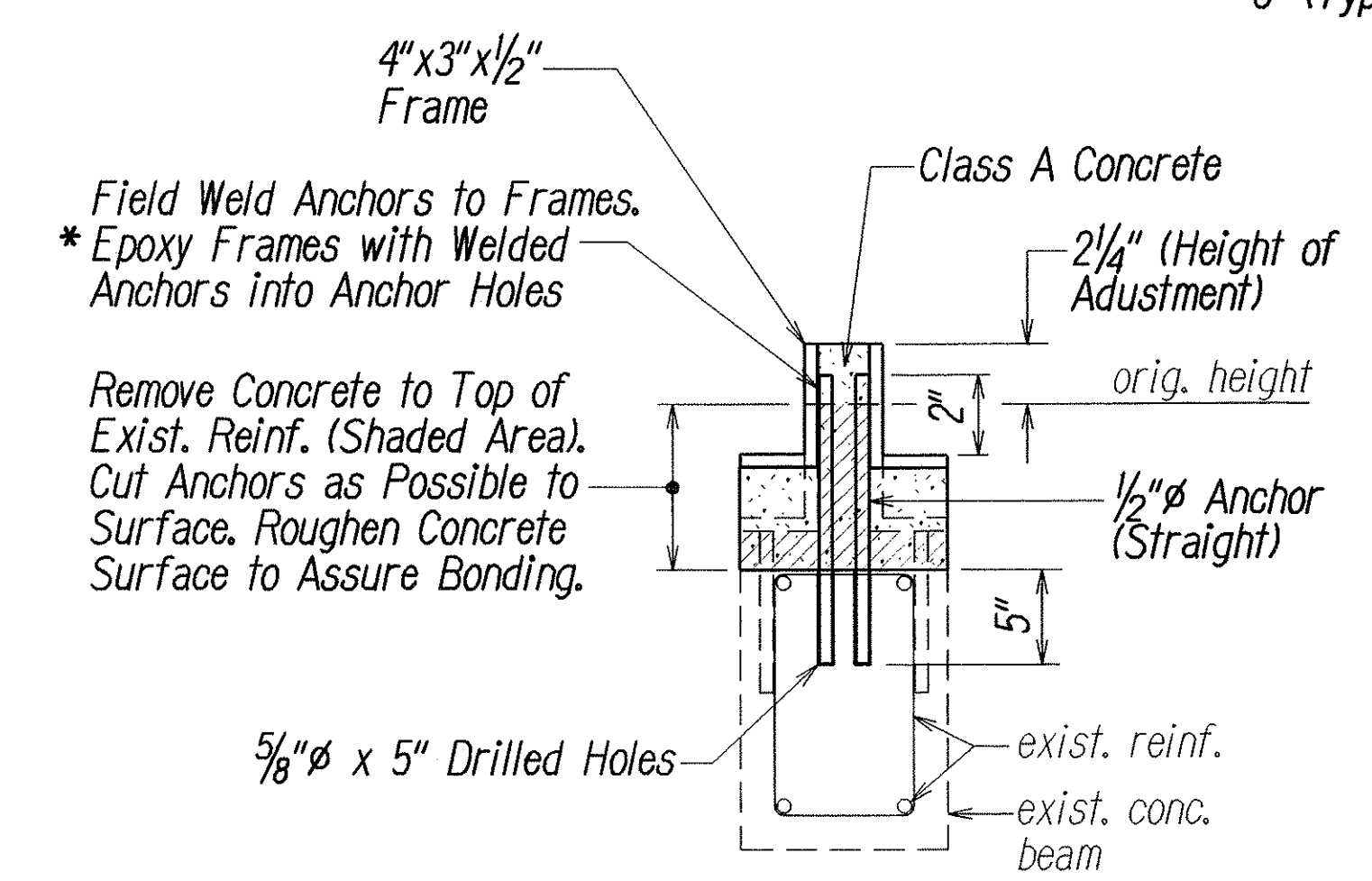
SECTION B
16/16



SECTION A
16/16



SECTION C
16/16



DETAIL "A"

RECONSTRUCTED TYPE 61214 DRAIN INLET WITH FOUR GRATES

Not to Scale

*Epoxy shall be ASTM C881 Type IV Grade I Class C

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

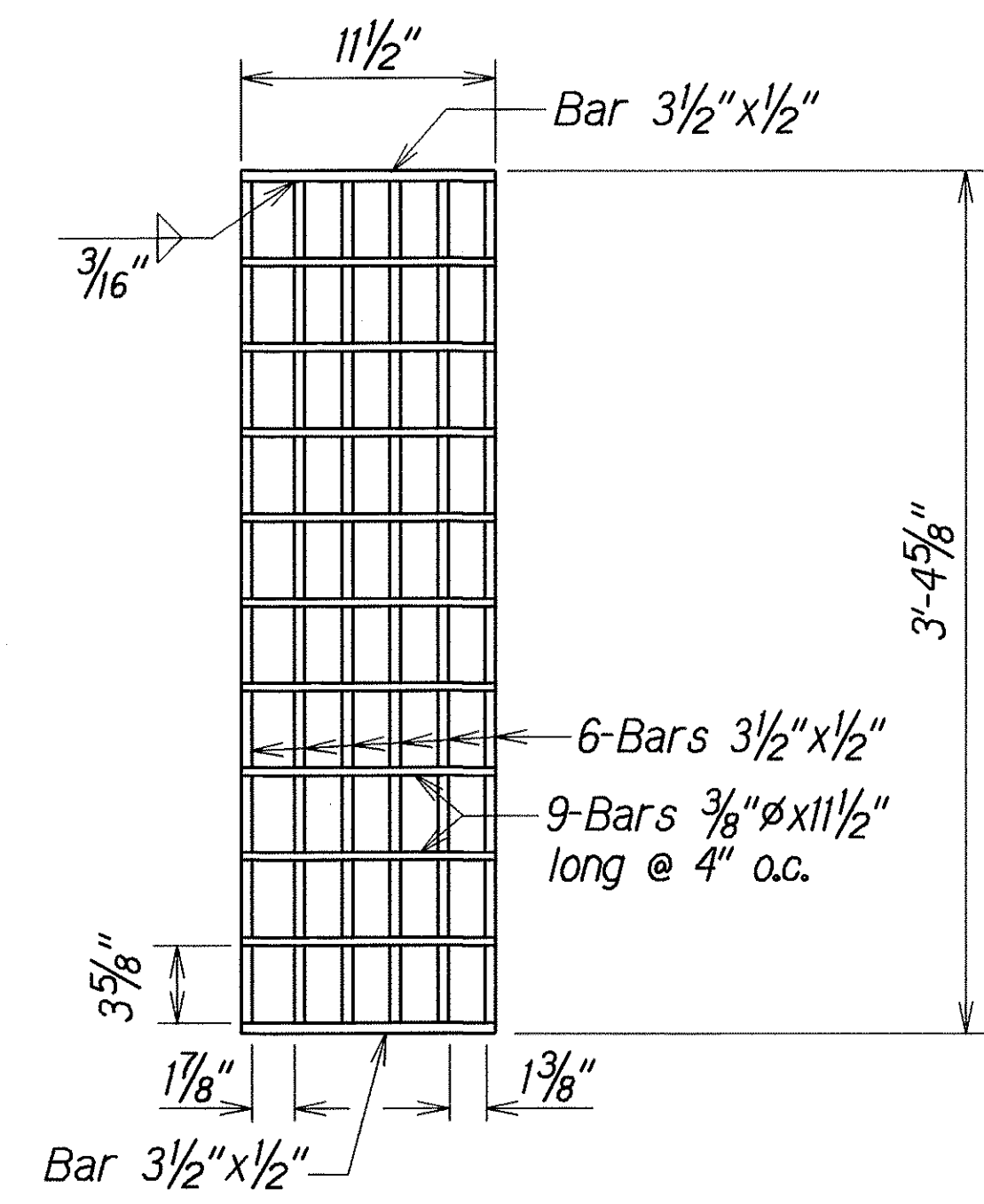
DRAINAGE DETAILS

KAUMUALII HIGHWAY RESURFACING
Halewili Road to Vicinity of Wahiawa Bridge
Project No. 50C-01-07M

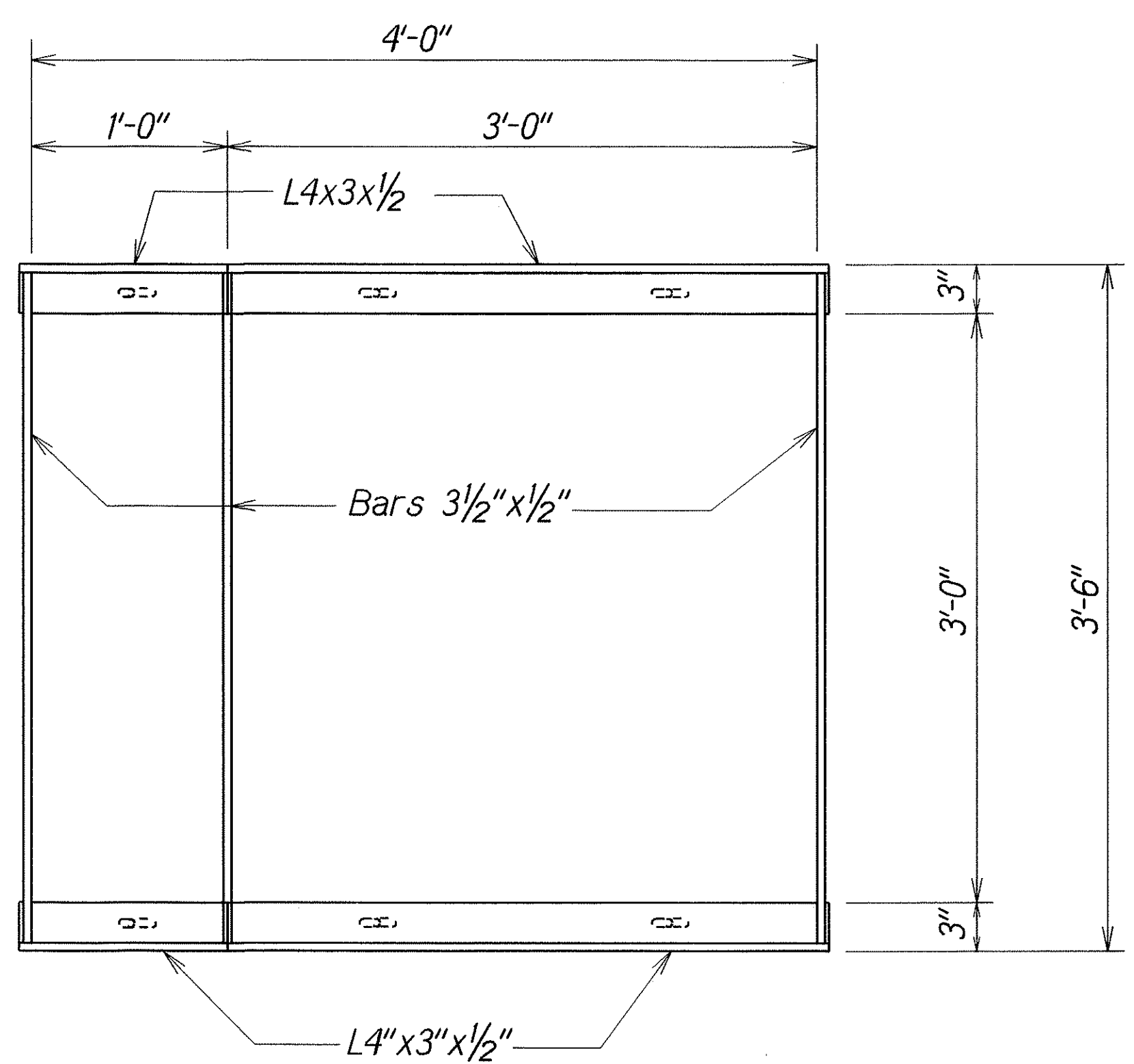
Not to Scale Date: October 2006

SHEET No. 2 OF 3 SHEETS

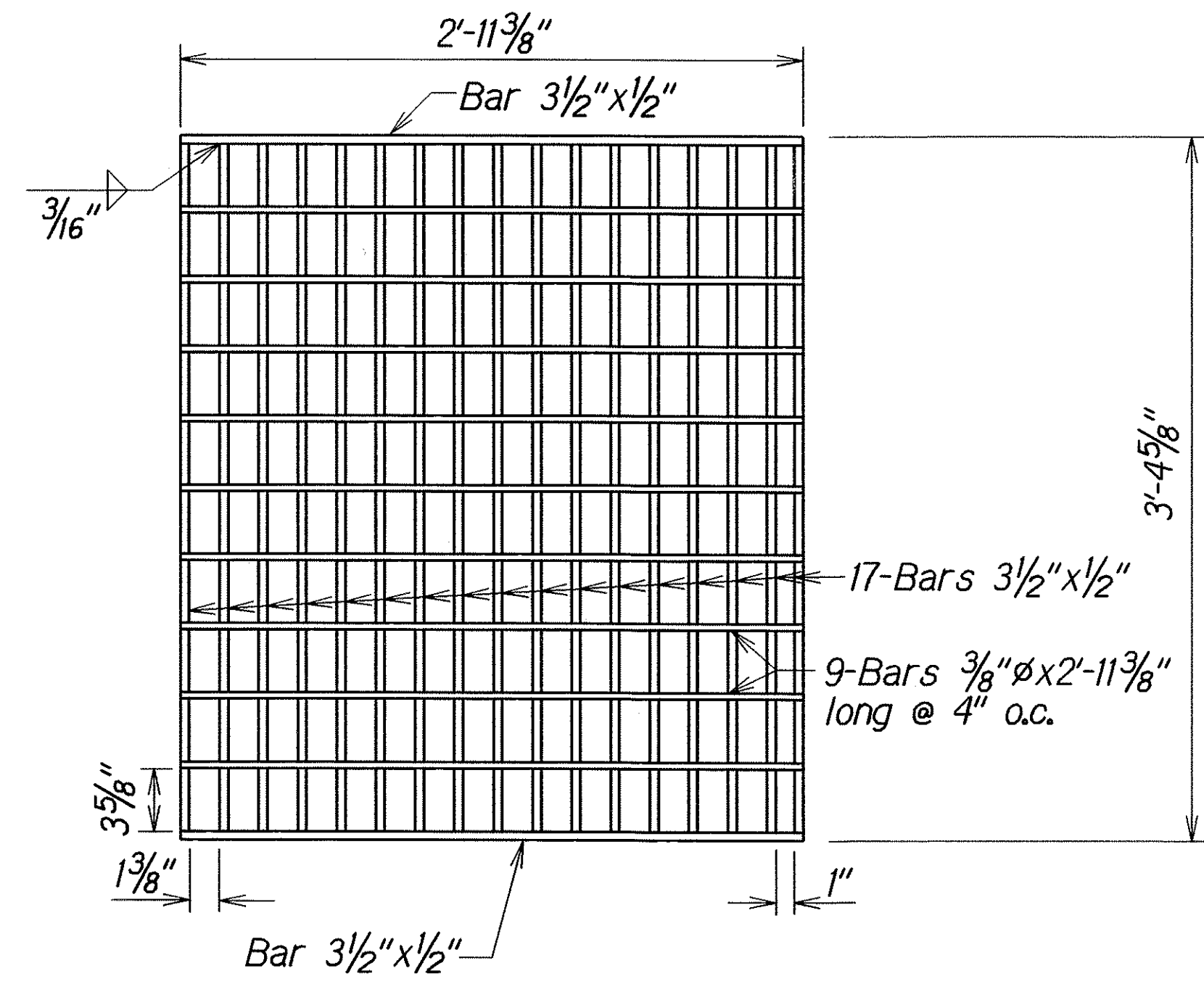
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	50C-01-07M	2007	17	24



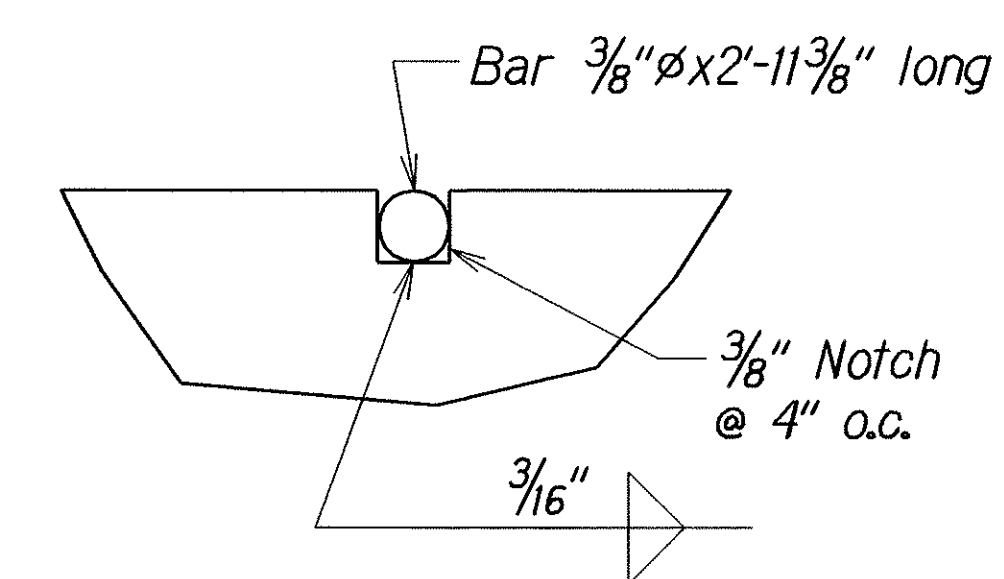
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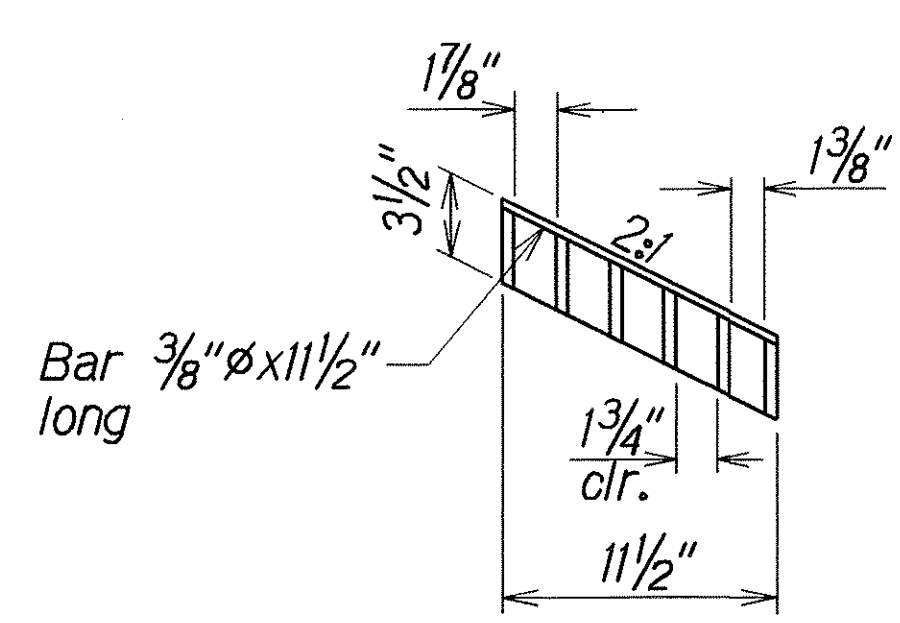
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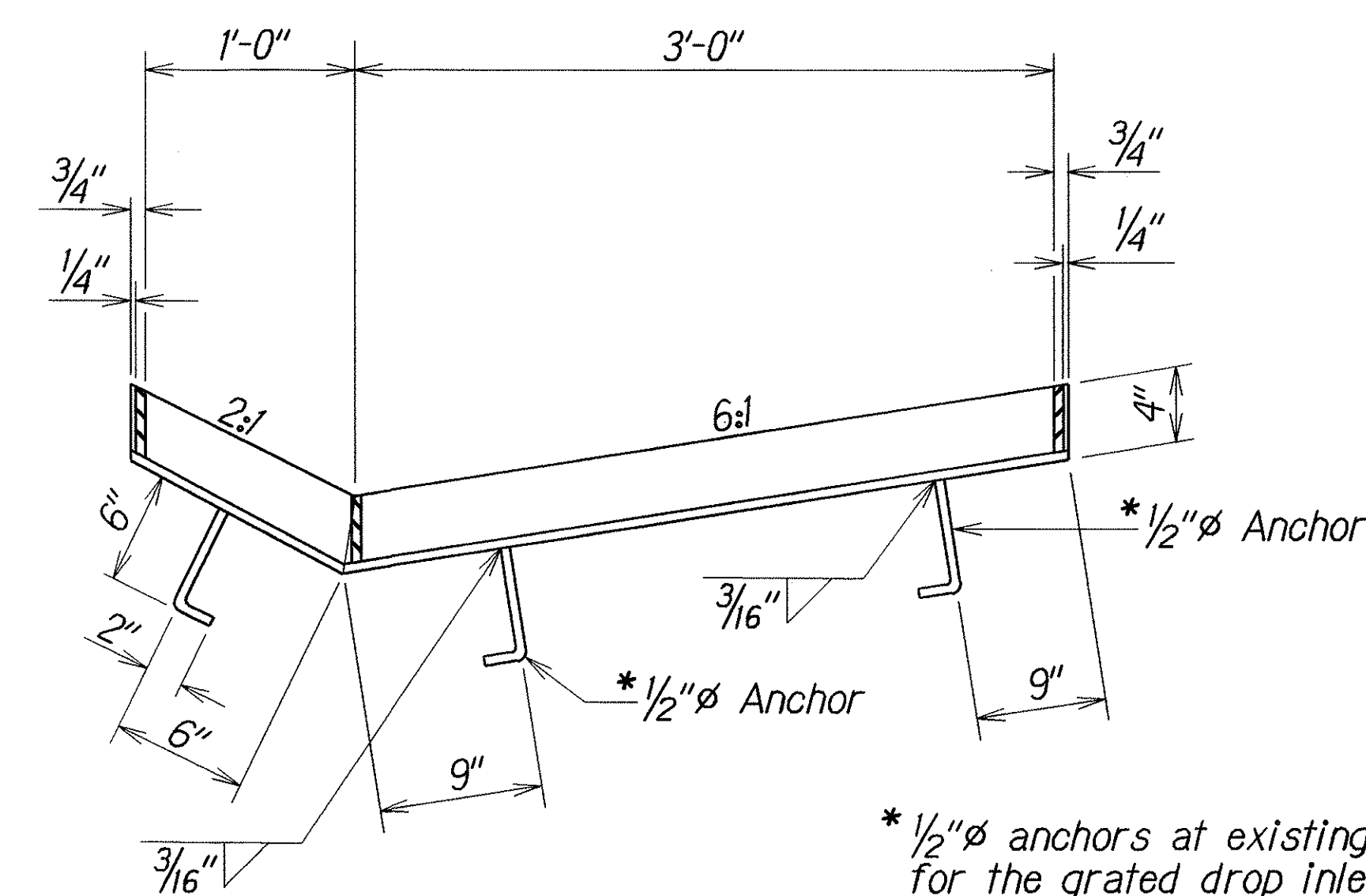
PLAN



NOTCH DETAIL
Full Size

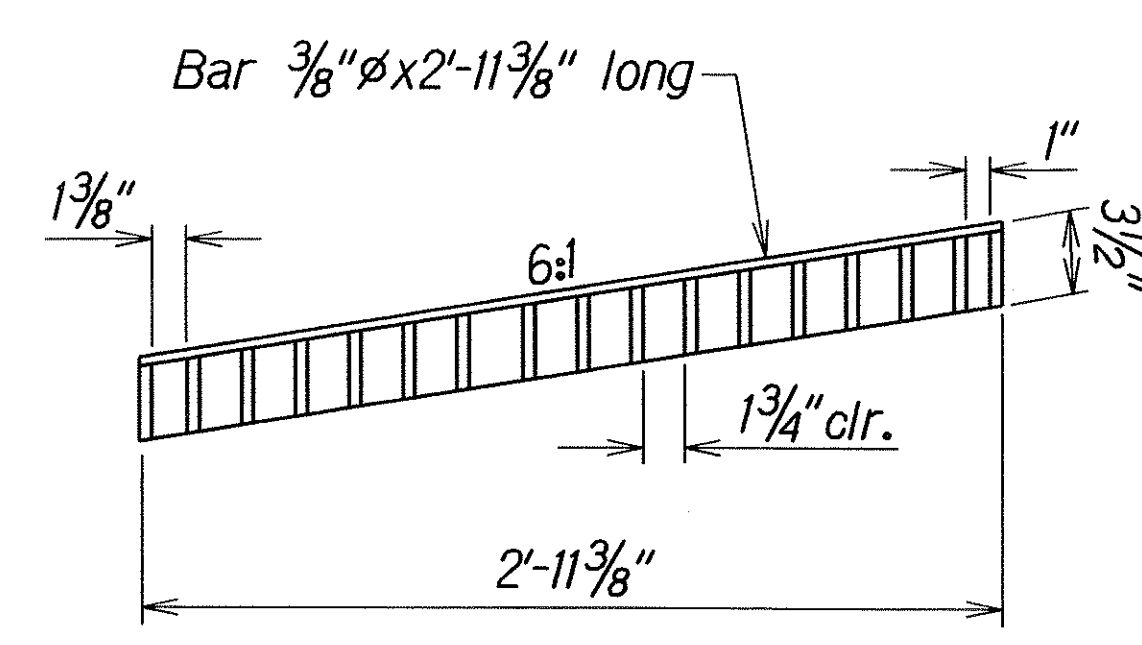


SECTION
GRATE
Scale: 1 1/2"=1'-0"



SECTION
FRAME
Scale: 1 1/2"=1'-0"

* 1/2" diameter anchors at existing concrete beams for the grated drop inlets at Stations 61+00, 65+80 and 71+20 shall be straight anchors (not bended).



SECTION
GRATE
Scale: 1 1/2"=1'-0"

NOTE:
All welds 3/8" unless otherwise noted.

TYPICAL DETAILS OF TYPE 61214P STEEL FRAME AND GRATES

SURVEY PLOTTED BY	DATE
DRAWN BY	2/06
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DRAINAGE DETAILS

KAUMUALII HIGHWAY RESURFACING
Halewili Road to Vicinity of Wahiawa Bridge
Project No. 50C-01-07M

Not to Scale Date: October 2006

SHEET No. 3 OF 3 SHEETS