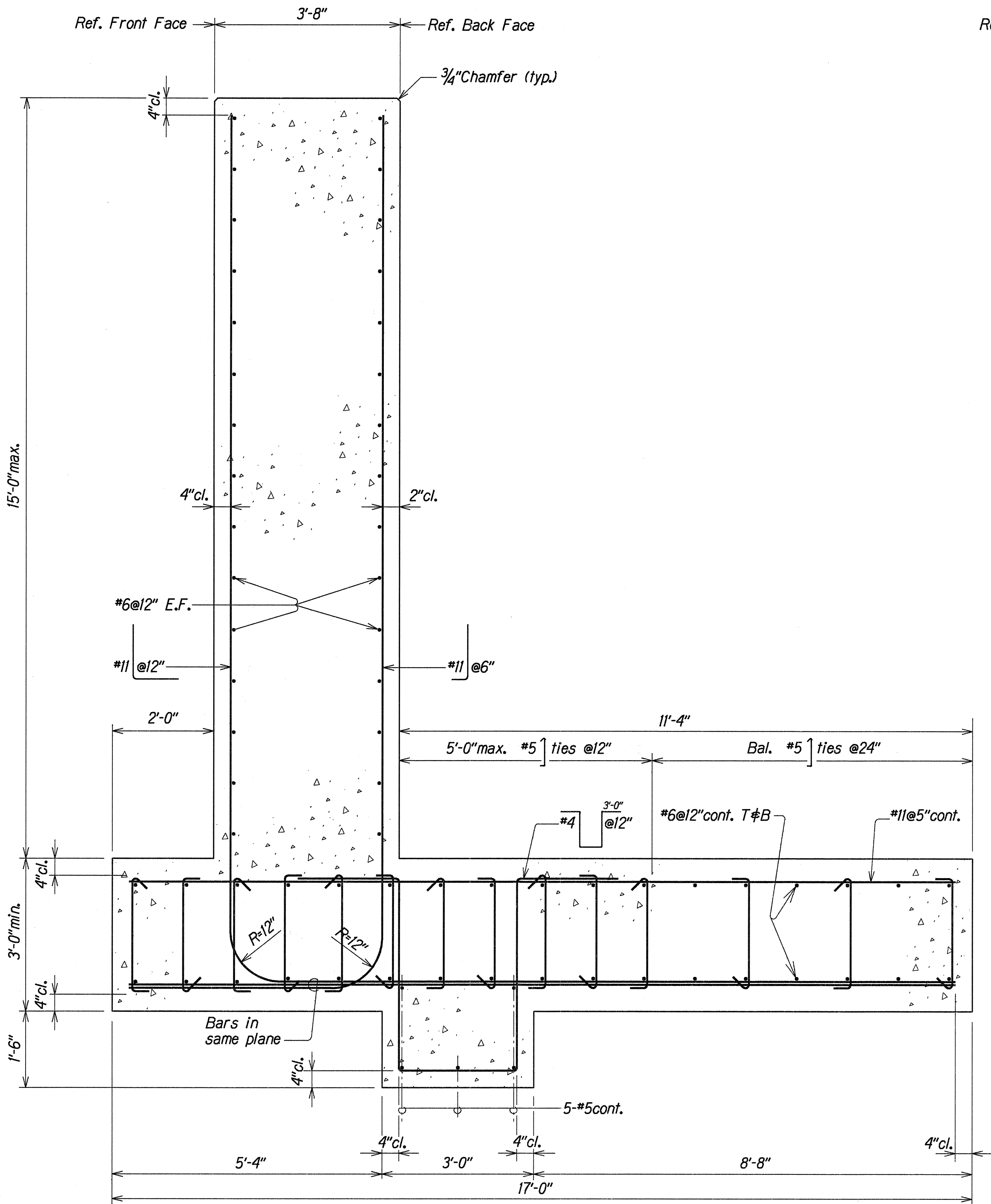


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19K-01-97M	1997	6	10

ESTIMATED QUANTITIES

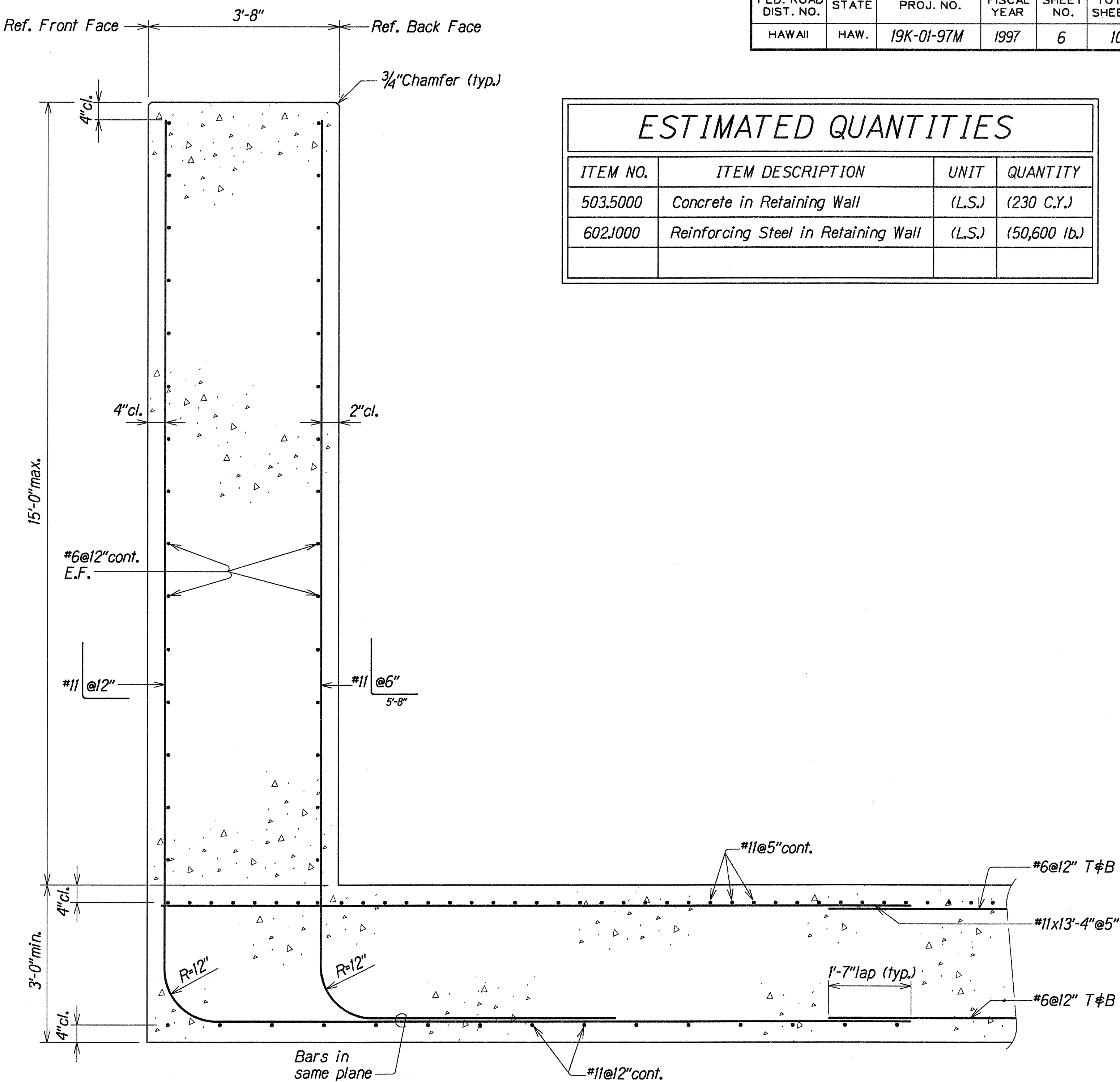
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
503.5000	Concrete in Retaining Wall	(L.S.)	(230 C.Y.)
602.1000	Reinforcing Steel in Retaining Wall	(L.S.)	(50,600 lb.)



TYPICAL MAIN WALL SECTION

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

A
S1 S2



TYPICAL SIDE WALL SECTION

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

B
S1 S2

TYPICAL #5 TIE DETAIL

Not to Scale

- NOTES:
- All costs for excavation of Key shall be included in, and is considered incidental to Item No. 503.5000, Concrete in Retaining Walls.
 - Chamfer all exposed corners 3/4".

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

REPAIR TO WALL AND EMBANKMENT
TYPICAL MAIN WALL AND SIDE WALL SECTIONS
HAWAII BELT ROAD
Emergency Repair To Seawall and Embankment
Vicinity Of Kalalau Stream
Project No. 19K-01-97M

Scale: As Noted

Date: May, 1997