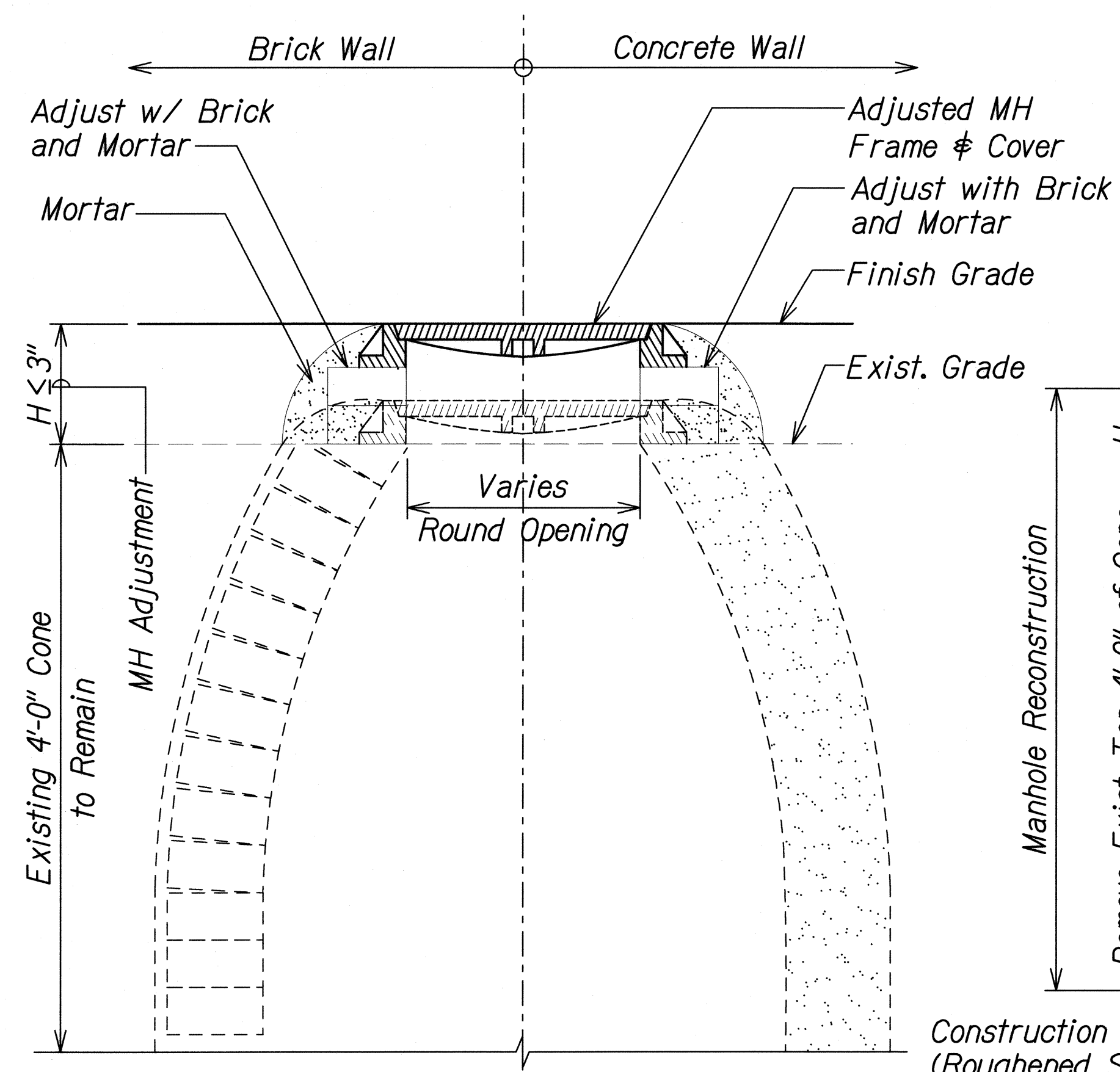
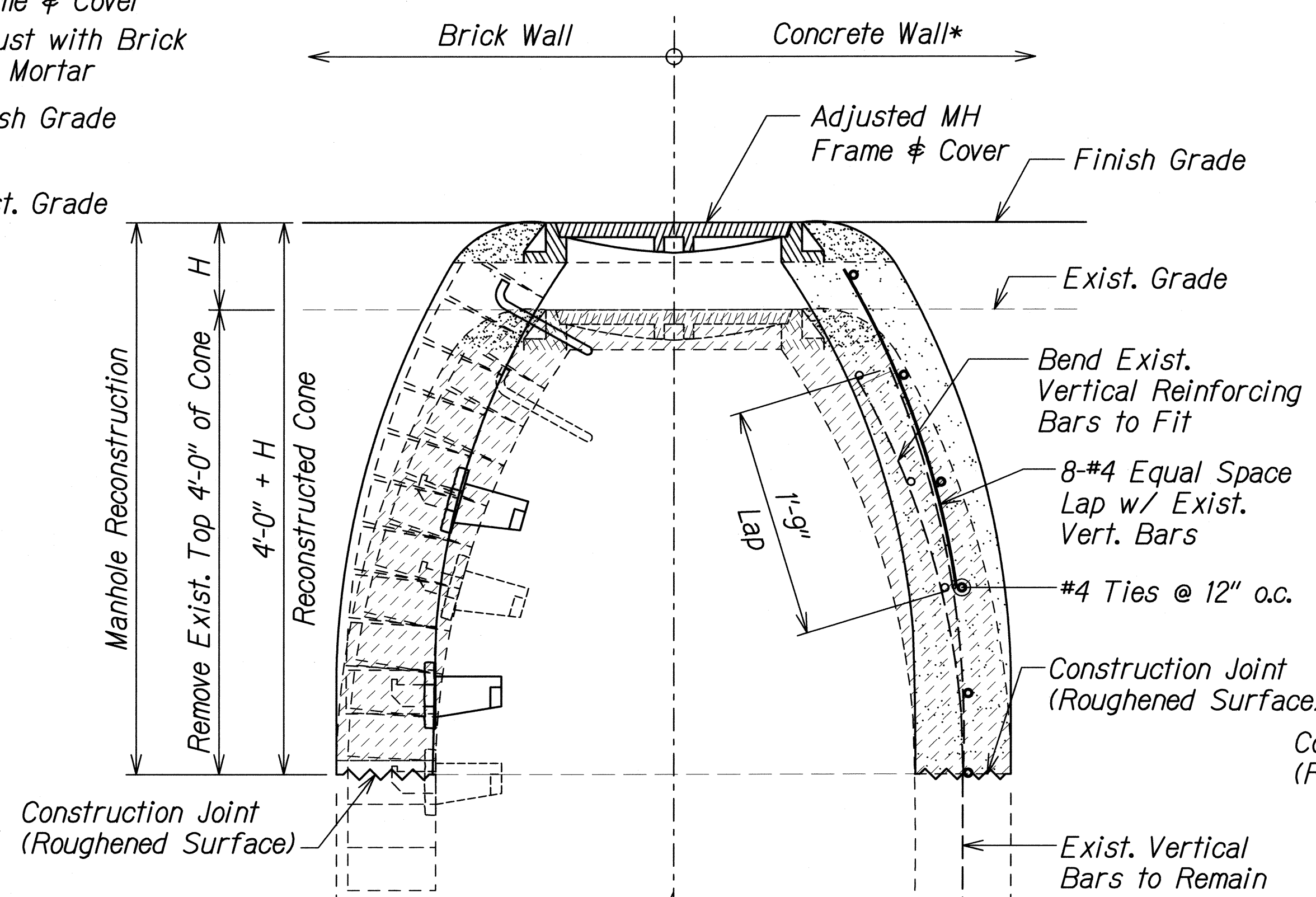


FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-076-1(10)	2011	24	38



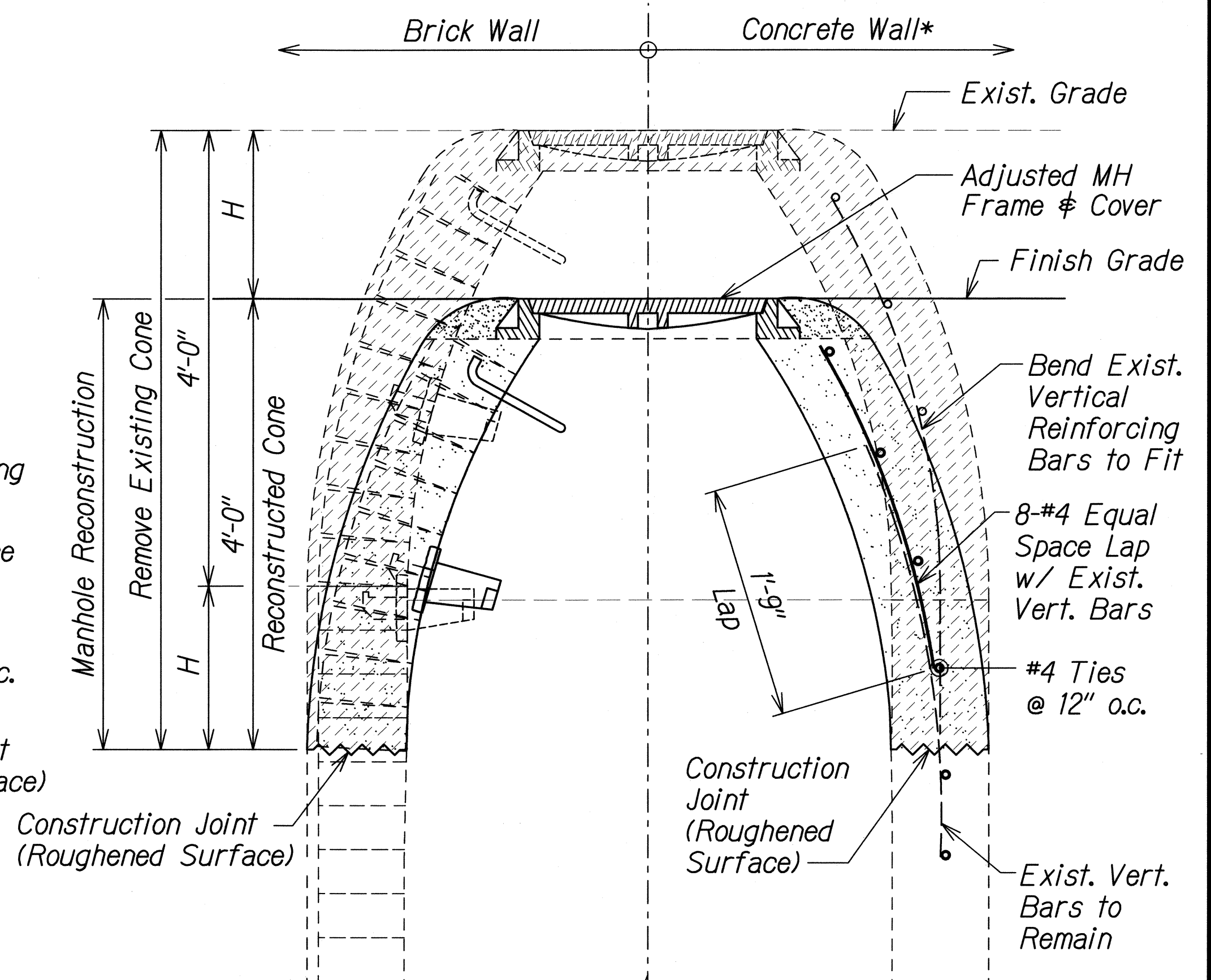
DETAIL A

ADJUSTMENT OF EXISTING MANHOLE* COVER
- CONICAL ($H < 3''$)
Not to Scale

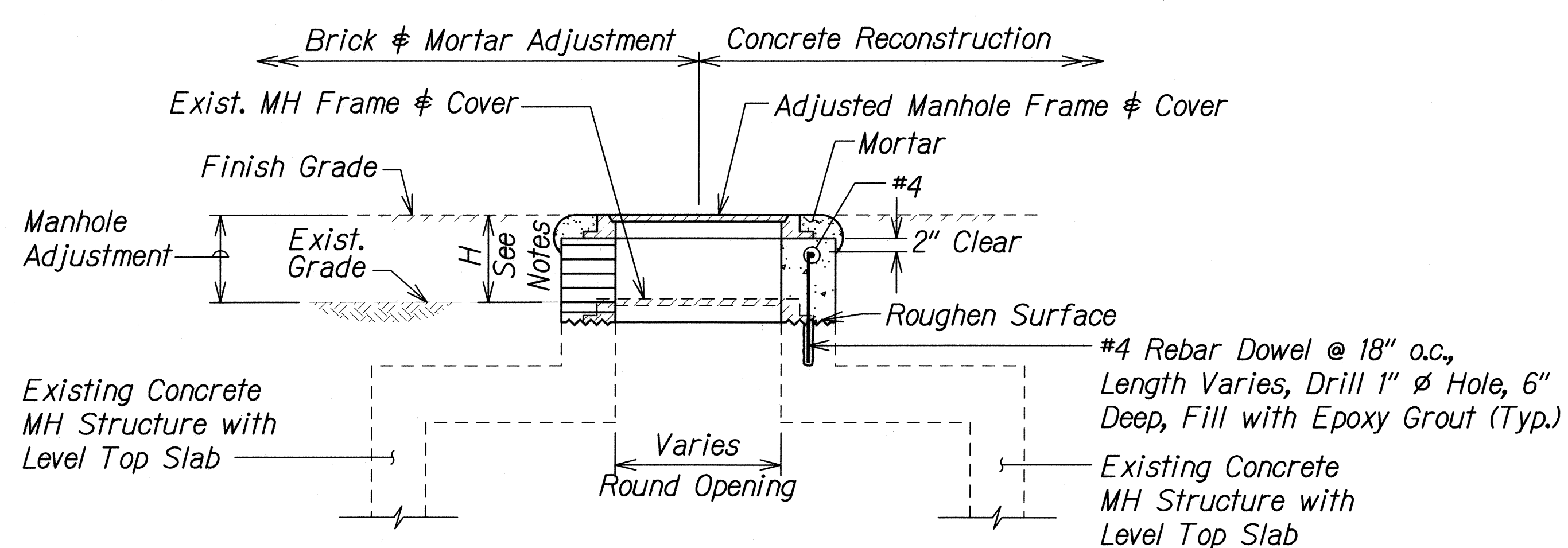


DETAIL B

RECONSTRUCTION OF EXISTING MANHOLE* COVER - CONICAL ($H > 3''$)
Not to Scale



DETAIL C



- NOTES:
- For $0'' < H < 18''$, adjust with brick and mortar.
 - For $18'' < H < 36''$, adjust with concrete.
 - Mortar and $H > 18''$, remove existing bricks if existing MH is already adjusted with brick and adjust with concrete.

ADJUSTMENT/RECONSTRUCTION OF EXIST MANHOLE* COVER
- LEVEL TOP SLAB
Not to Scale

*Manhole adjustment details applicable for water, storm sewer, and signal corps manholes. For adjustments to sanitary sewer manholes, see DPP Sewer Note 9 on Sheet G-5.

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

JL/16459A FPM/FW/Weaver_RentonRoadPavementPreservation/RC-detail.dgn

PAMELA K. UYEDA
LICENSED PROFESSIONAL ENGINEER
No. 10352-C
HAWAII, USA

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

[Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY CONSTRUCTION DETAILS
MANHOLE ADJUSTMENT DETAIL

FORT WEAVER ROAD PAVEMENT PRESERVATION
Renton Road to the Vicinity of Ewa Beach Road
Federal Aid Project No. STP-076-1(10)
Scale: Not to Scale Date: Feb. 2011