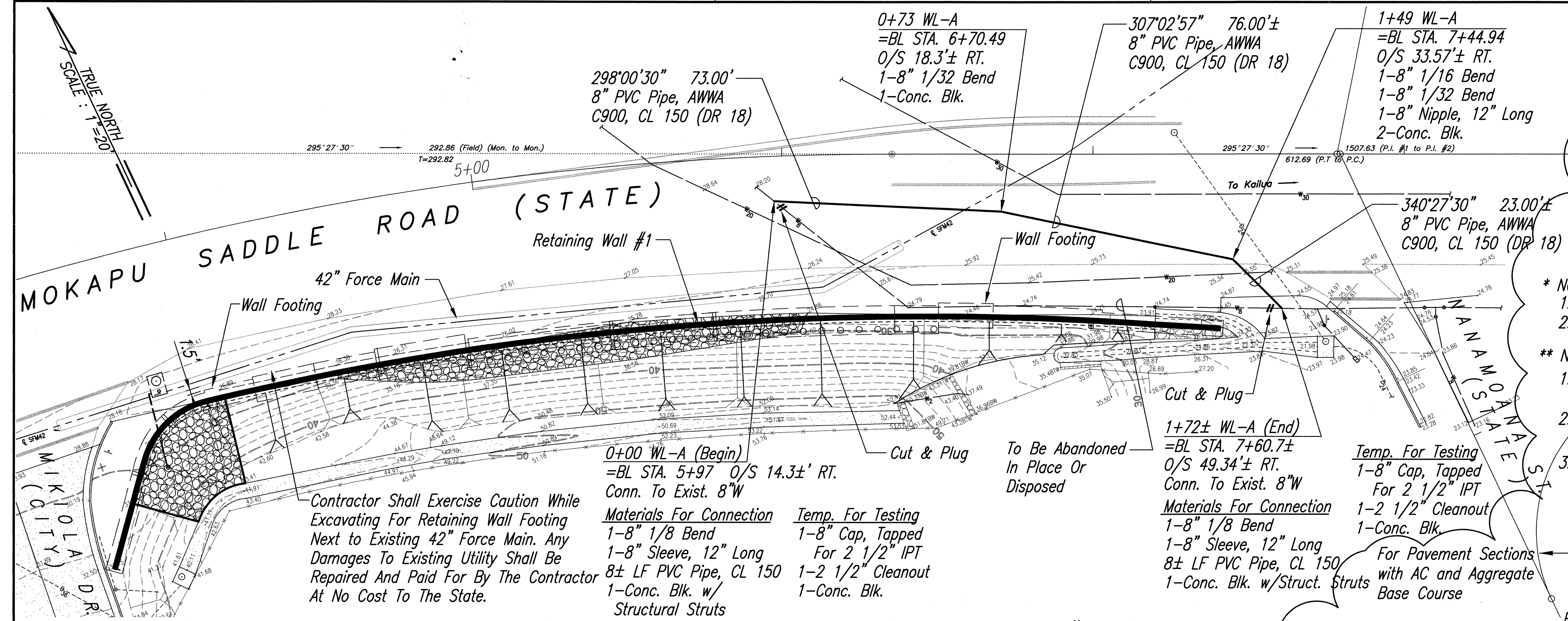


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	57	58



NOTES:

1. This trench restoration is to be used wherever the pavement is an asphalt surface, including medians and paved areas between guardrails.
2. Tack coat existing asphalt bound material faces prior to filling excavation with asphalt bound material.

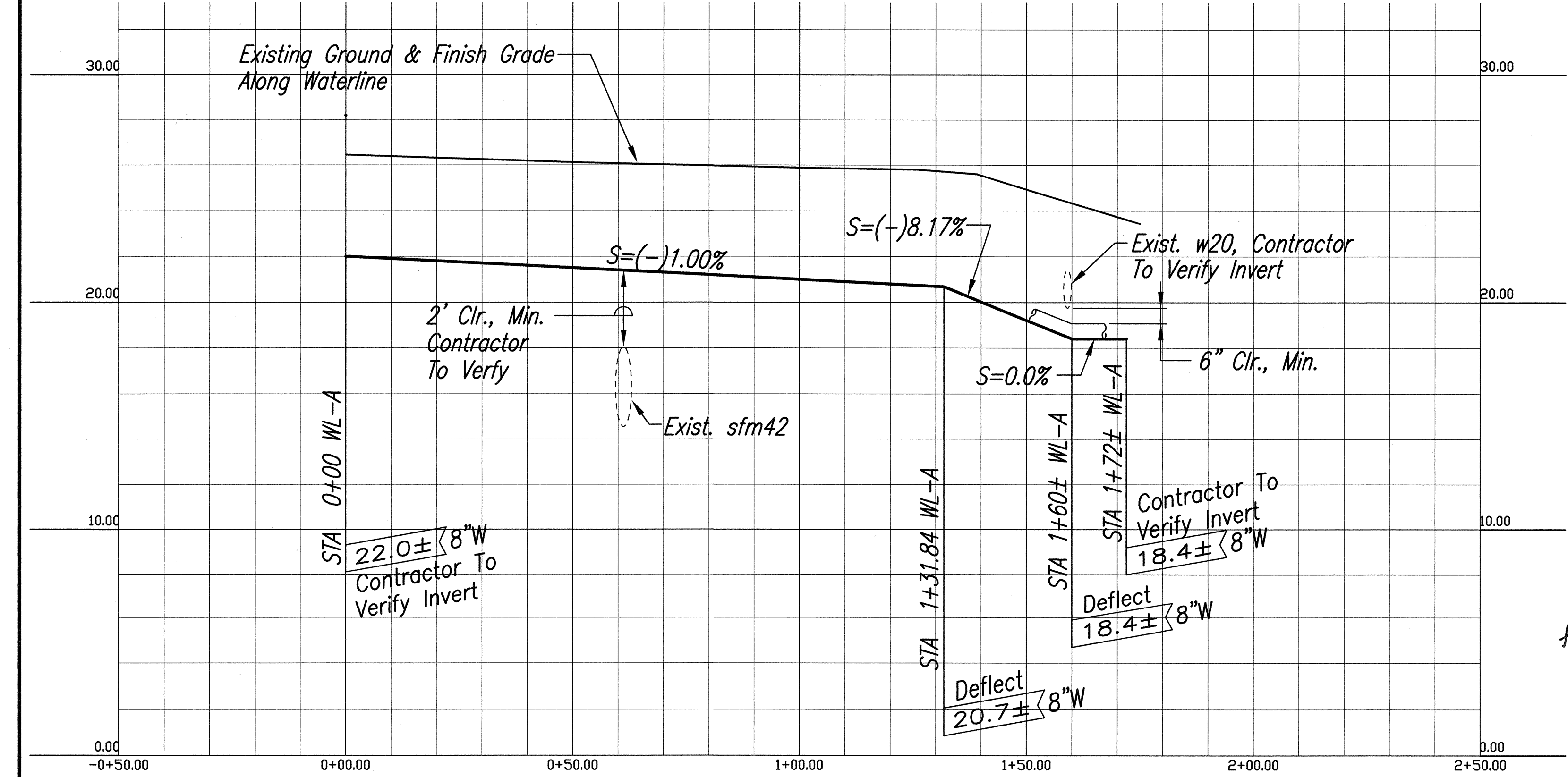
*** NOTES:**

1. When thickness less than 6" use AC.
2. When thickness 6" or greater, use GCB or AC.

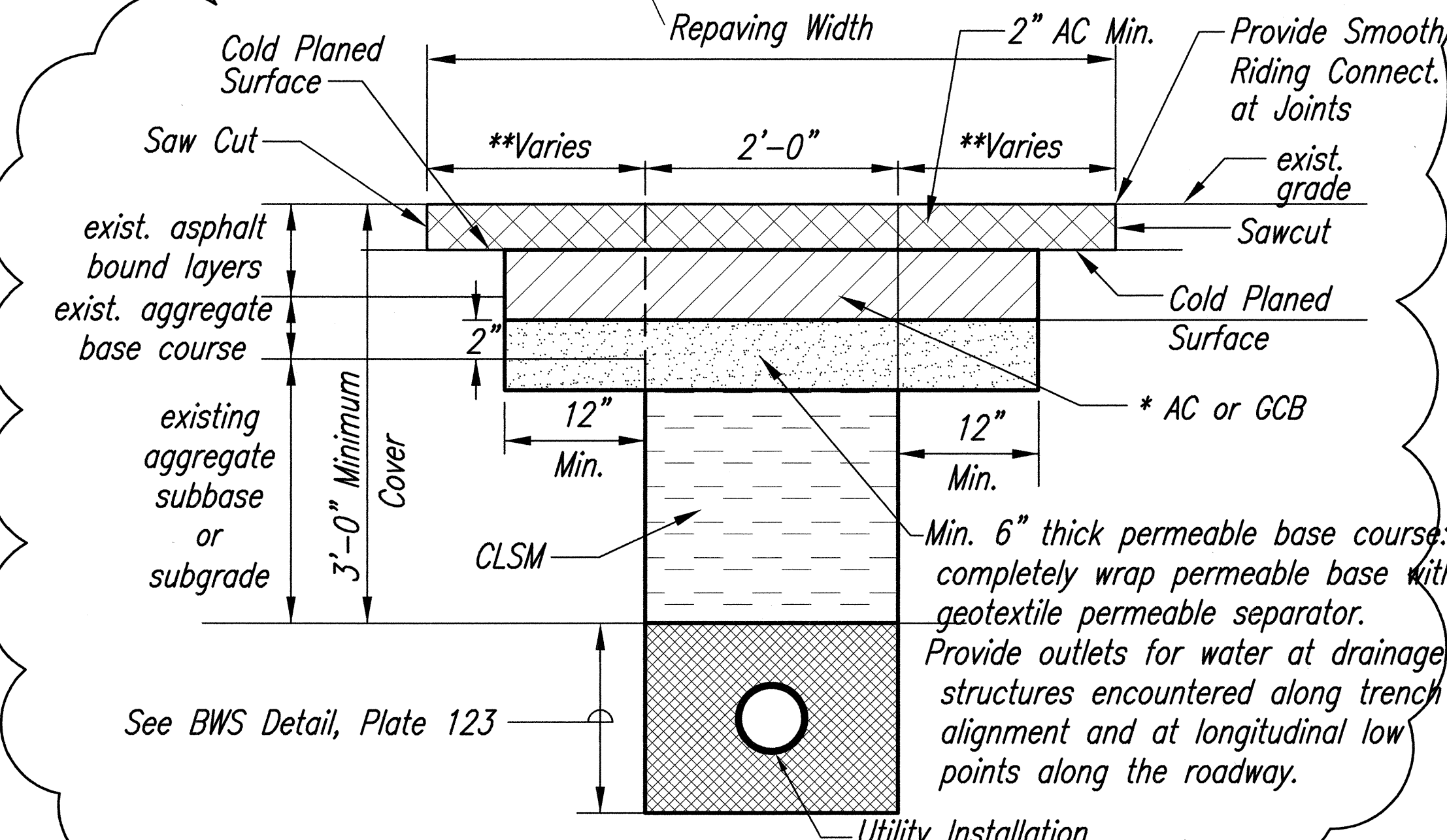
**** NOTES:**

1. If trench aligned traverse to direction of travel, 1 foot on each side of trench.
2. If trench aligned along direction of travel, to edge of lane in which edge of trench is located.
3. Smoothness of paved surfaces: The distance from the paved surface to the testing edge of a ten-foot straight edge between two points of contact shall not exceed 3/16".

PLAN - WATERLINE RELOCATION @ RETAINING WALL #1
SCALE: 1"=20'



PROFILE - WATERLINE RELOCATION @ RETAINING WALL #1
Scales: HORIZ 1"=20'
VERT 1"=4'



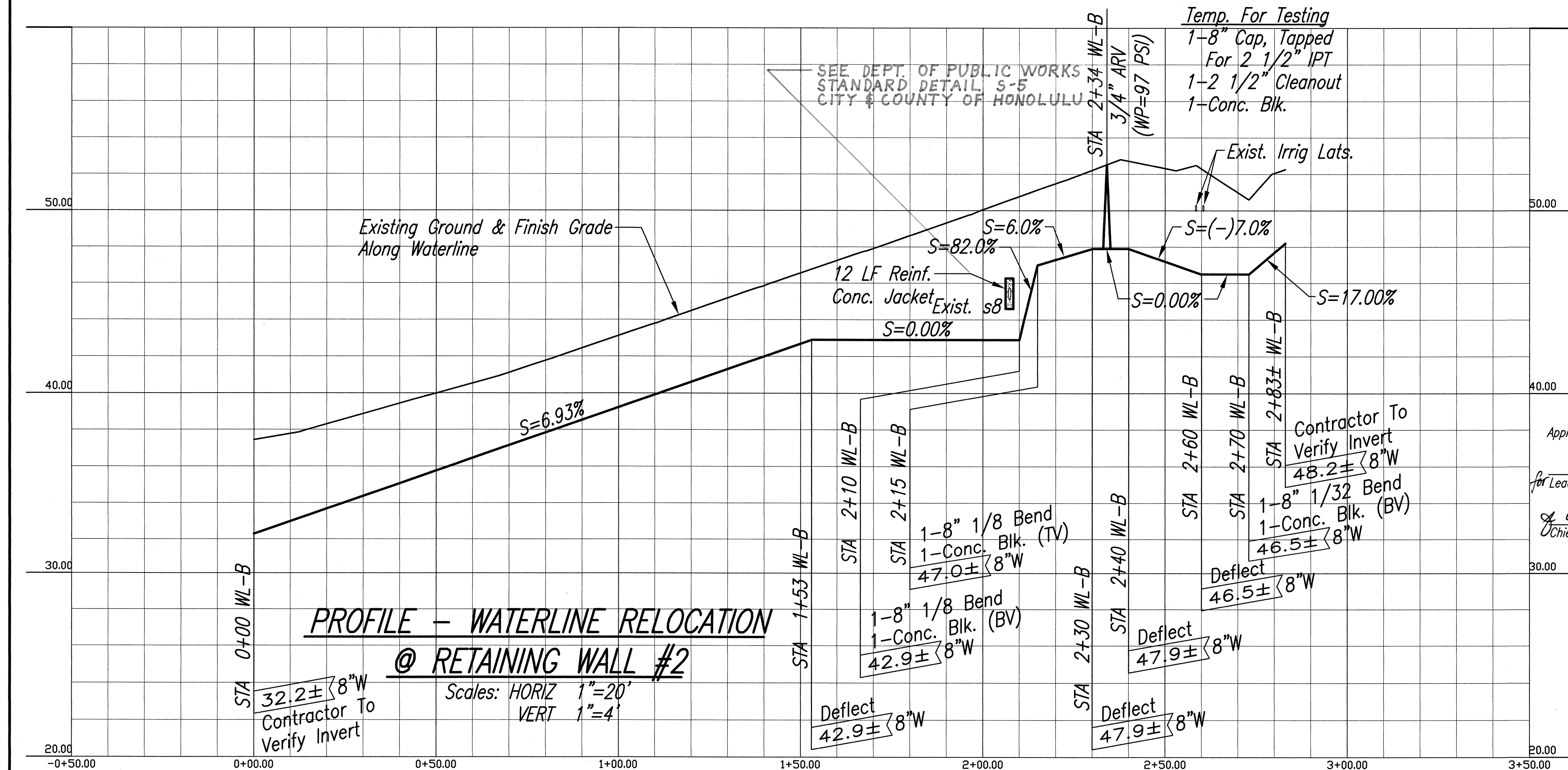
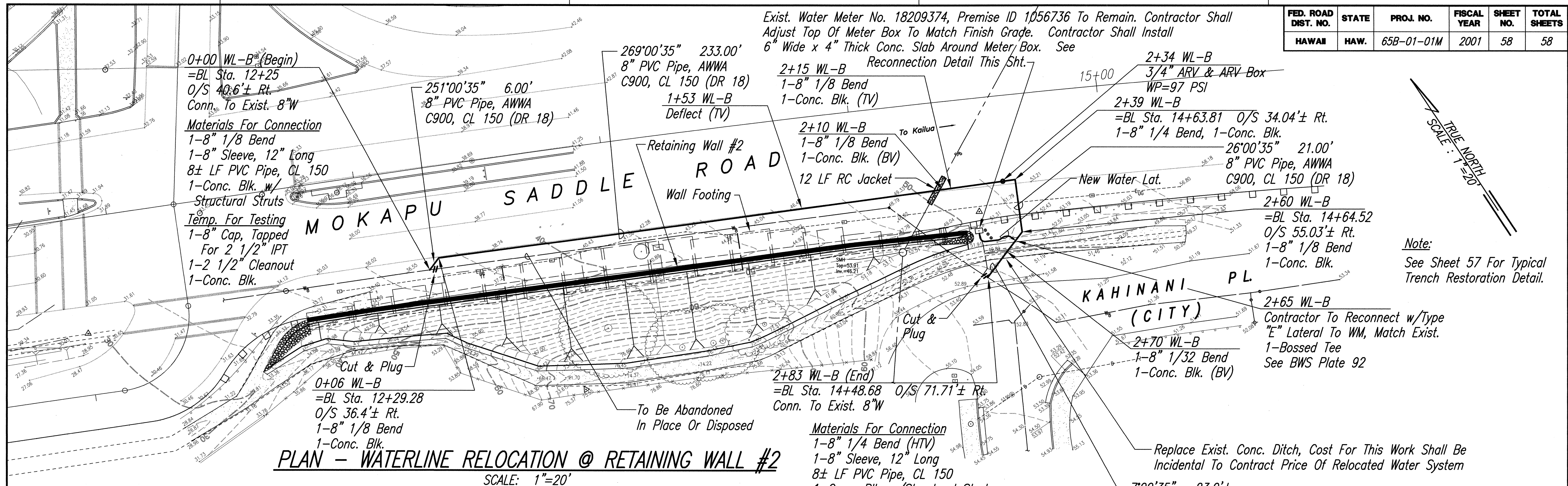
TRENCH RESTORATION DETAIL FINAL
NOT TO SCALE

Approved:
for *Catharine Dunga* 6/21/01
Leader, Maintenance Unit, BWS Date
Wayne Salama 6/21/01
Chief, Wastewater Branch, DPP Date

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Wayne Salama
LAWRENCE Y. TOMITA
LICENSED PROFESSIONAL ENGINEER
NO. 4129-C
HAWAII, U.S.A.

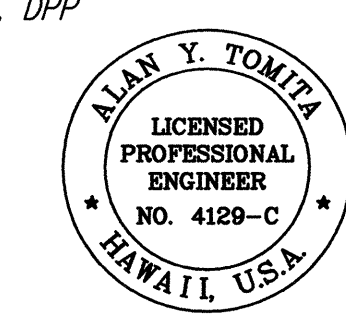
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN & PROFILE
WATERLINE RELOCATION @ RET. WALL #1
MOKAPU SADDLE ROAD
SLOPE STABILITY
Vicinity of Mikiola Dr. to Kahinani Place
Project No. 65B-01-01M
Scale: 1"=20' Date: June, 2001
SHEET No. 1 OF 2 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	65B-01-01M	2001	58	58



Approved: *Catherine D. Dungey* 5/16/01
for Leader, Maintenance Unit, BWS

Wayne Delmonico 5/15/01
Chief, Wastewater Branch, DPP



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

FINAL

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PLAN & PROFILE
WATERLINE RELOCATION @ RET. WALL #2
MOKAPU SADDLE ROAD
SLOPE STABILITY
Vicinity of Mikiola Dr. to Kahinani Place
Project No. 65B-01-01M
Scale: 1"=20' Date: May, 2001

SHEET No. 2 OF 2 SHEETS