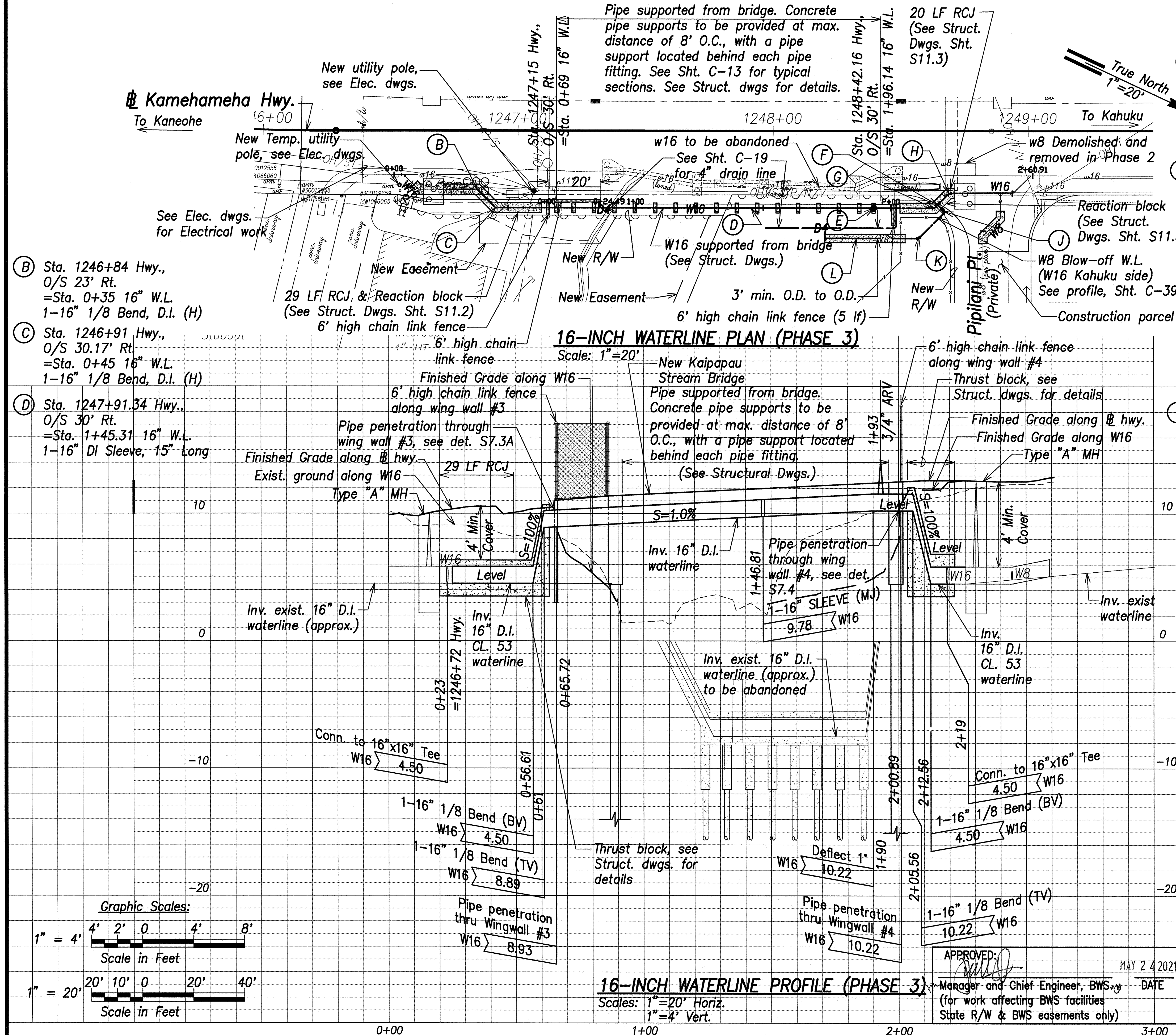
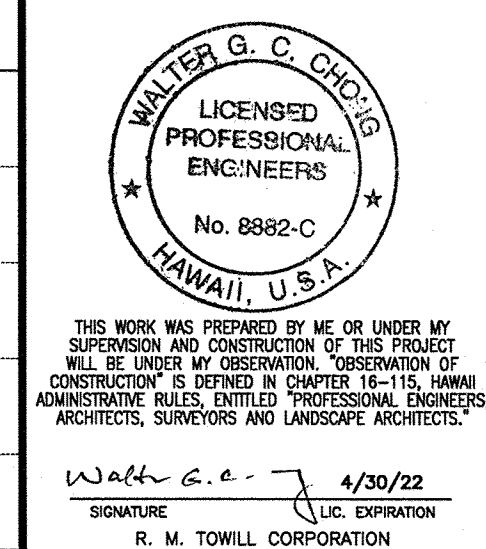


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-083-1(48)	2021	36	161



- (E) Sta. 1248+39.03 Hwy.,
O/S 30.18' Rt.
=Sta. 1+93 16" W.L.
1-3/4" ARV (WP=250 PSI)
w/ Cage, see details, sheets
C-39 & Struct. dwg. S11.4
- (F) Sta. 1248+64.48 Hwy.,
O/S 28.90' Rt.
=Sta. 2+19 16" W.L.
Conn. to 16" W.L.
Materials for conn.
1-16" D.I. Sleeve, 15" long
1-16"X8" Tee
1-Conc. Block
1-8" GV, 150# (Valve Closed)
1-Valve box w/ cover
8-LF 16" D.I.P., CL. 53
Temp. fo testing
1-8" Cap w/2-1/2" C.O.
1-Conc. block
- (G) Sta. 1248+63 Hwy.,
O/S 30.17' Rt.
=Sta. 2+19 16" W.L.
1-16" 1/8 Bend, D.I. (H)
- (H) Sta. 1248+69 Hwy.,
O/S 24.4' Rt.
=Sta. 2+25.27 16" W.L.
Conn. to 16" W.L.
Materials for conn.
1-16" 1/8 Bend, D.I. (H)
- (J) Sta. 1248+67 Hwy.,
O/S 31.50' Rt.
=Sta. 0+03.67
8" Blow-off W.L.
1-8" 1/4 Bend, D.I. (H)
1-Conc. block
- (K) Sta. 1248+57 Hwy.,
O/S 41.50' Rt.
=Sta. 0+17.92
1-8" 1/8 Bend, D.I. (H)
1-Conc. Block
- (L) 30 LF RCJ
Per BWS Std.
Det. B-1

- Notes:**
- The existing waterlines shown on these plans were located using record drawings and toning information from the Board of Water Supply. The contractor shall make an independent check by probing the waterlines and coordinating with the Board of Water Supply to ascertain the exact locations of the waterlines. Any discrepancies shall be immediately brought to the attention of the Project Engineer prior to any work on the water system.
 - The contractor shall be responsible for adjusting all manhole and valve box frame and covers to the final finished grades. All work shall be considered incidental to the various items of work.
 - See General Note No. 31 on sht. C-2.
 - Contractor shall fill abandoned waterlines with flowable grout or CLSM.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**16-INCH WATERLINE
PLAN & PROFILE (PHASE 3)**
Kamehameha Highway
Kaipapau Stream Bridge Replacement
Federal Aid Project No. BR-083-1(48)

Scale: As Noted Date: February 2021

DATE	BY	TC
DESIGNED BY	TC	
QUANTITIES BY		
CHECKED BY		