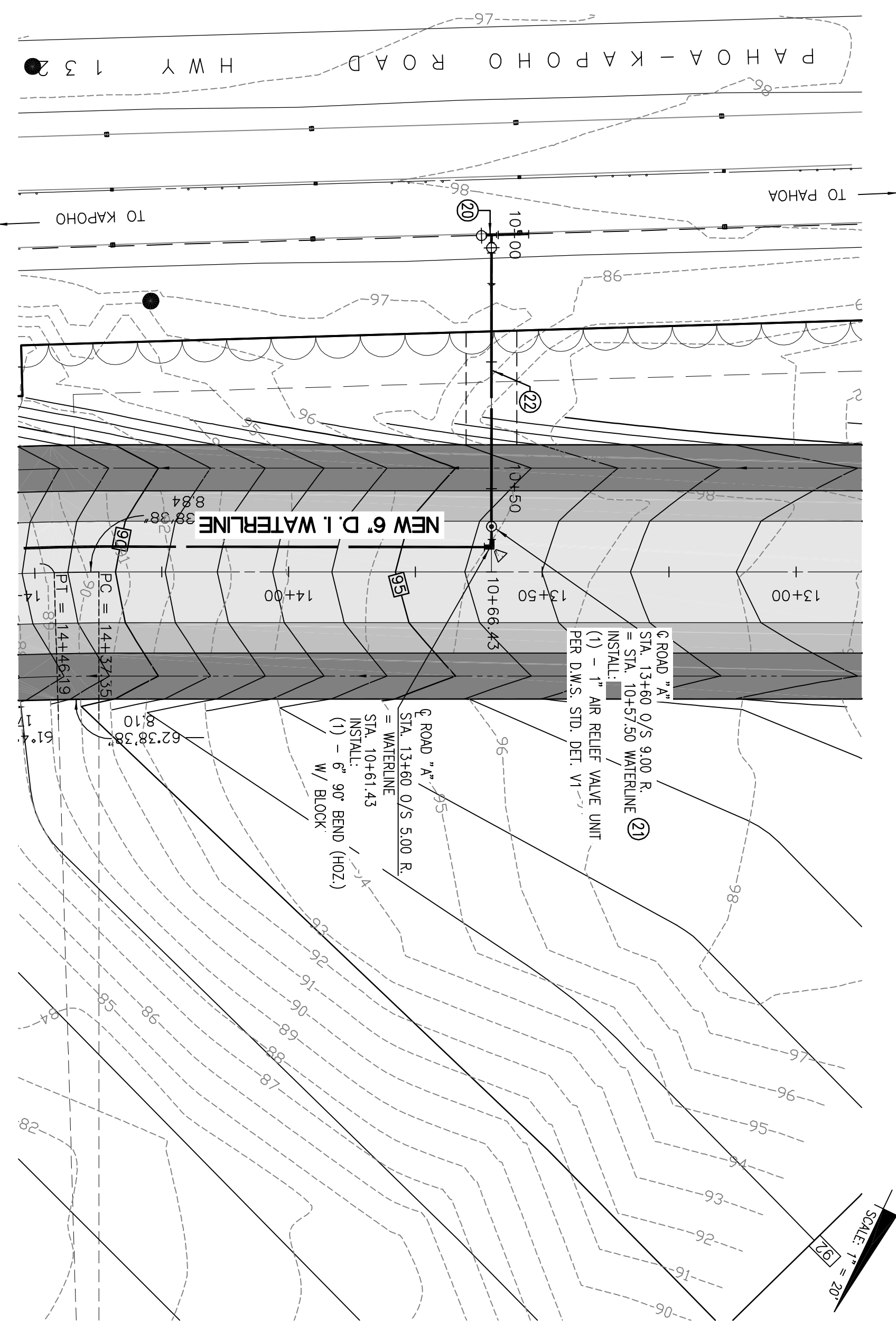


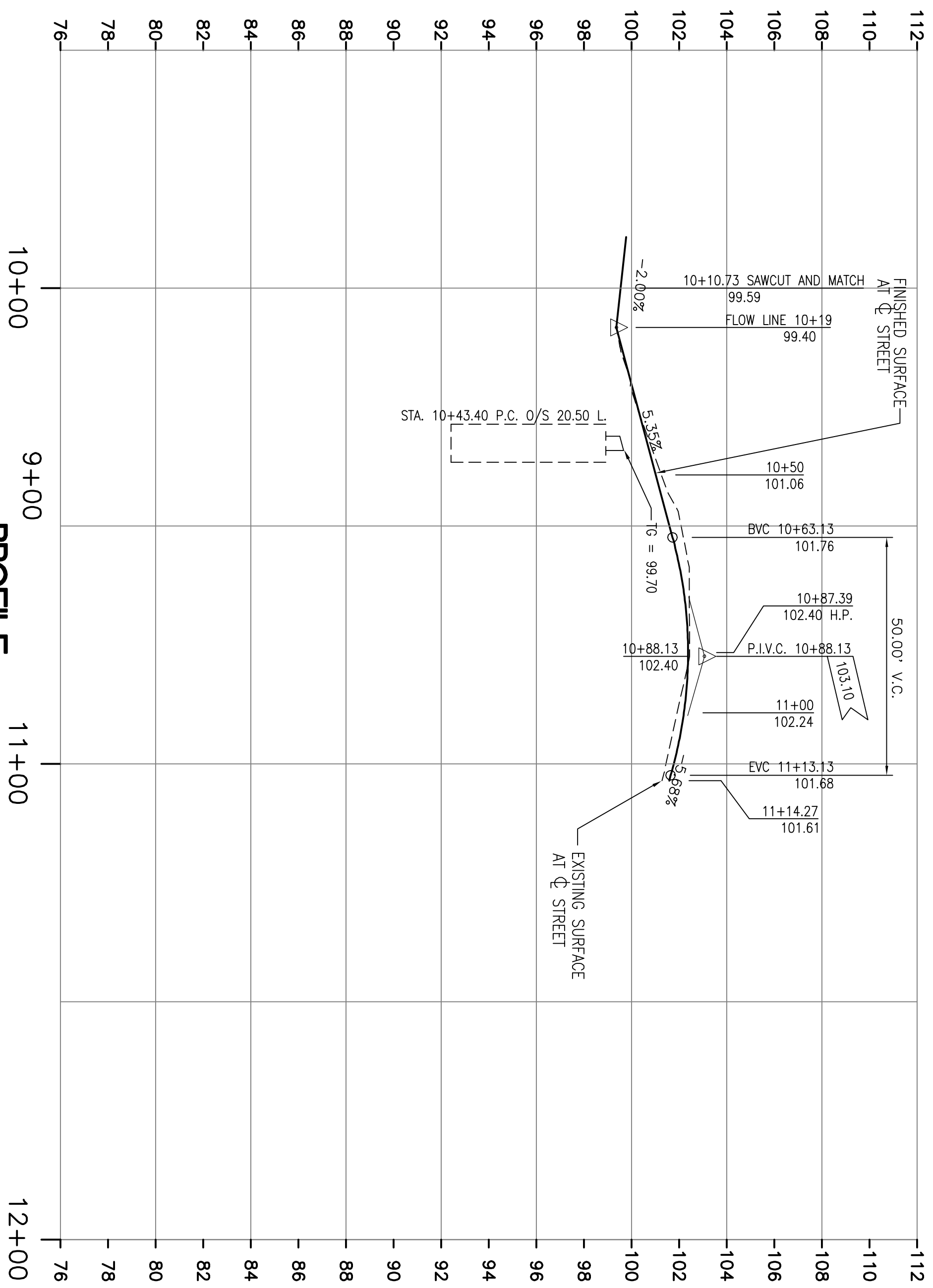
PLAN
 SCALE: 1"=20'

CURVE DATA				
MARK	R	L	Δ	T
①	20'	30.38'	87°01'21"	18.99'
②	18'	56.53'	179°23'31"	3402.38'

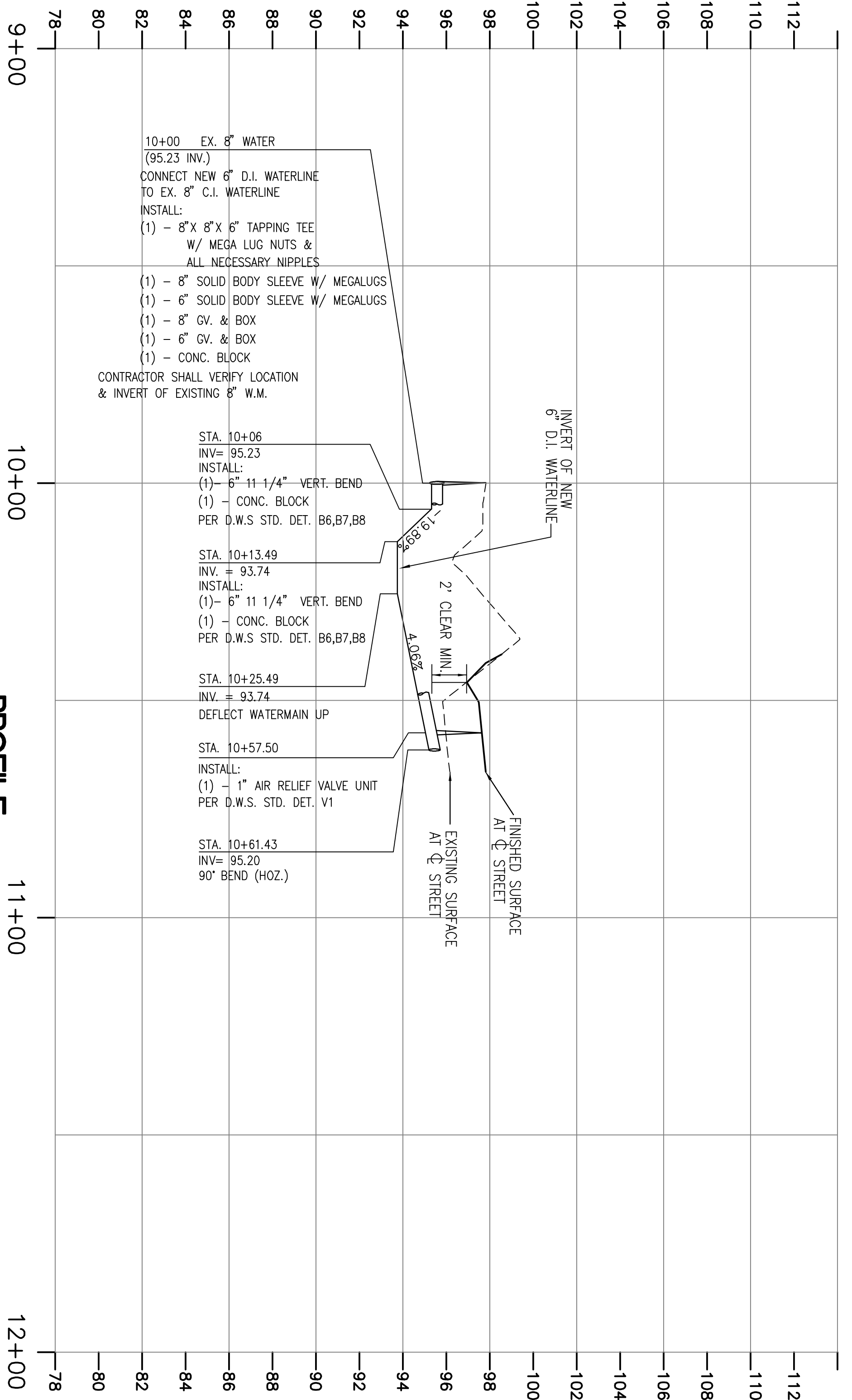
- CONSTRUCTION NOTES**
- ① CONSTRUCT 2" A.C. MIX / 4" BASECOURSE / 6" SUBBASE (C-13) (C-13) (C-13)
 - ② CONSTRUCT 2" A.C. MIX / 4" BASECOURSE (C-13) (C-13)
 - ③ CONSTRUCT 1 1/2" A.C. MIX / 4" BASECOURSE (C-13) (C-13)
- DRAINAGE NOTES**
- ⑩ CONSTRUCT 8" X 7'-10" DRWELL PER DET. (C-13)
- WATER CONSTRUCTION NOTES**
- ⑪ STA. 13+25.0/S. 870.5 R.L. -
 CONNECT NEW 6" D.I. WATERLINE TO EX. 8" C.I. WATERLINE
 INSTALL:
 (1) - 8" X 8" X 6" TEE W/ M.A., ALL NECESSARY NIPPLES & MEGALUGS
 (1) - 8" SOLID BODY SLEEVE W/ MEGALUGS
 (1) - 6" SOLID BODY SLEEVE W/ MEGALUGS
 (1) - 6" GV. & BOX
 (1) - 6" GV. & BOX
 (1) - CONC. BLOCK
 - ⑫ STA. 13+25.0/S. 890.0 R.L. -
 INSTALL:
 (1) - 1" AIR RELIEF VALVE UNIT PER D.W.S. STD. DET. V1
 - ⑬ CONSTRUCT 6" DUCTILE IRON WATERLINE, CLASS 52 (C-13) (C-13)



PLAN
 SCALE: 1"=20'



PROFILE
 HORIZ.: 1" = 20'
 VERT.: 1" = 4'



PROFILE
 HORIZ.: 1" = 20'
 VERT.: 1" = 4'

10+00 EX. 8" WATER (95.23 INV.)
 CONNECT NEW 6" D.I. WATERLINE TO EX. 8" C.I. WATERLINE
 INSTALL:
 (1) - 8" X 8" X 6" TAPPING TEE W/ MEGA LUG NUTS & ALL NECESSARY NIPPLES
 (1) - 8" SOLID BODY SLEEVE W/ MEGALUGS
 (1) - 6" SOLID BODY SLEEVE W/ MEGALUGS
 (1) - 8" GV. & BOX
 (1) - 6" GV. & BOX
 (1) - CONC. BLOCK
 CONTRACTOR SHALL VERIFY LOCATION & INVERT OF EXISTING 8" W.M.

STA. 10+06
 INV. = 95.23
 INSTALL:
 (1) - 6" 11 1/4" VERT. BEND
 (1) - CONC. BLOCK
 PER D.W.S. STD. DET. B6,B7,B8

STA. 10+13.49
 INV. = 93.74
 INSTALL:
 (1) - 6" 11 1/4" VERT. BEND
 (1) - CONC. BLOCK
 PER D.W.S. STD. DET. B6,B7,B8

STA. 10+25.49
 INV. = 93.74
 DEFLECT WATERMAIN UP

STA. 10+57.50
 INSTALL:
 (1) - 1" AIR RELIEF VALVE UNIT
 PER D.W.S. STD. DET. V1

STA. 10+61.43
 INV. = 95.20
 90° BEND (HORIZ.)

PLAN & PROFILE - ENTRANCE AND WATERLINE GRADING PLAN, UTILITY PLAN CONSTRUCTION NOTES DATE: MAY 2007 REV. <input type="checkbox"/> REV. <input type="checkbox"/> REV. <input type="checkbox"/>	JOB NO. 06-025	SUBDIVISION IMPROVEMENT PLAN FOR: HELLSTERN SUBDIVISION PUUA-KAPOHO, PUNA, ISLAND OF HAWAII, HAWAII T.M.K: (3) 1-4-001 : 073	THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION, CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. SIGNATURE: <i>[Signature]</i>	LICENSED PROFESSIONAL ENGINEER Exp. 04/20/08 No. 9361-C HAWAII, U.S.A.	Engineering Partners, Inc. Consulting Engineers P.O. Box 4159 Hilo, Hawaii 96720 Phone: (808) 933-7900 Fax: (808) 933-3533 eplic@lava.net
	DWG. NO. C-7	SHEET NO. OF			