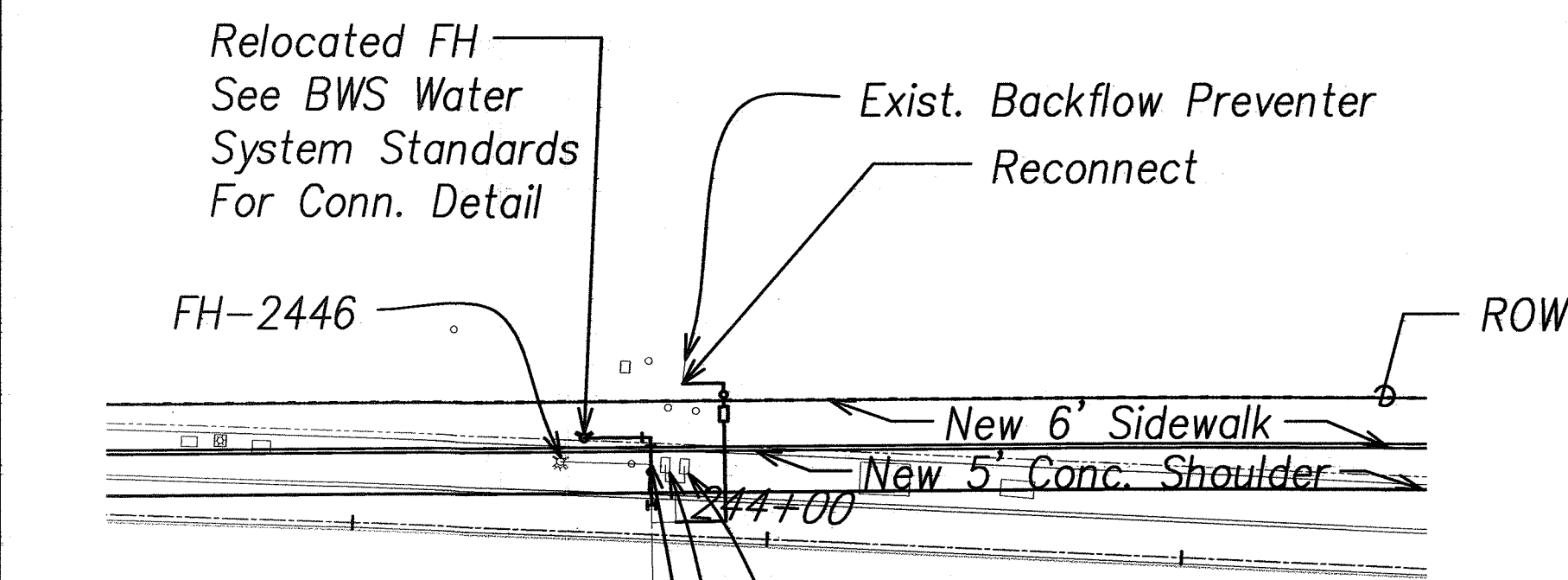


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(52)	2008	17	64

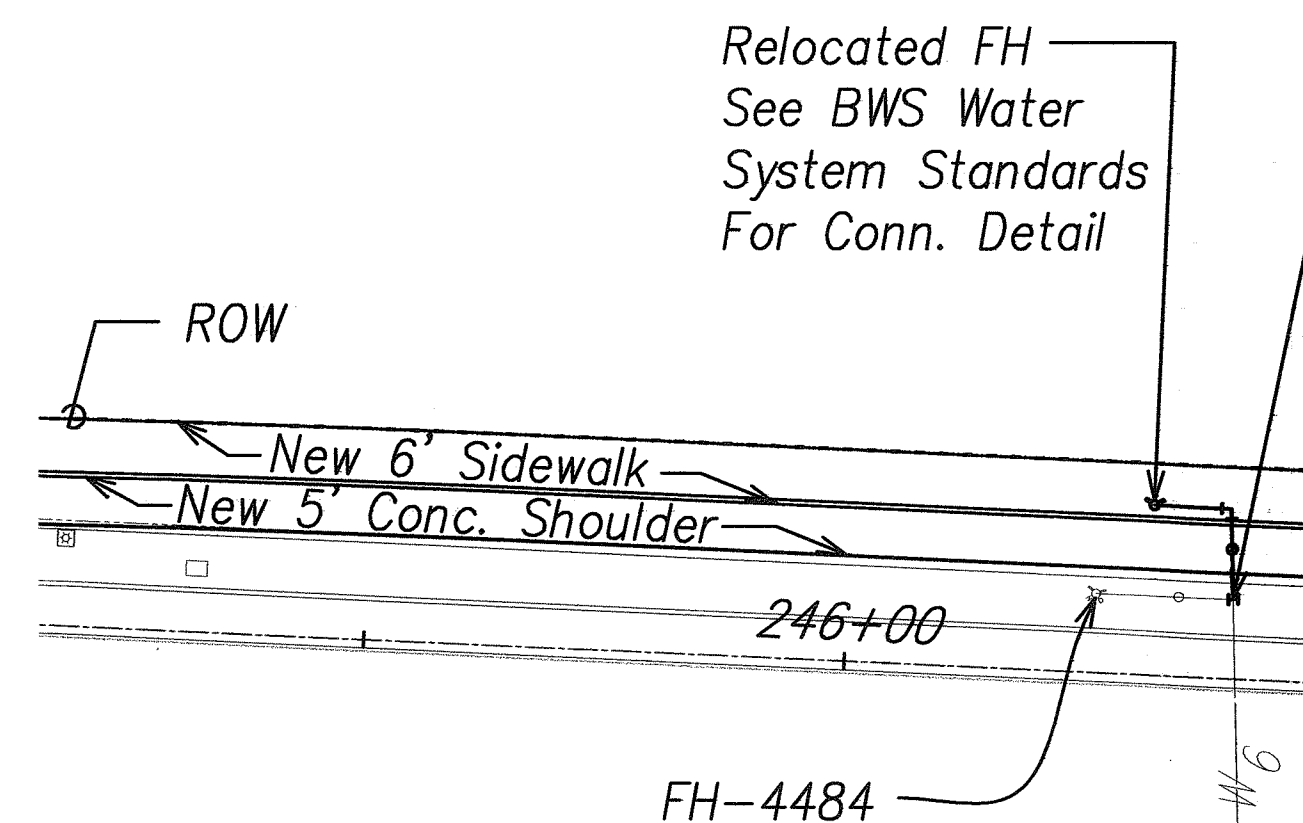
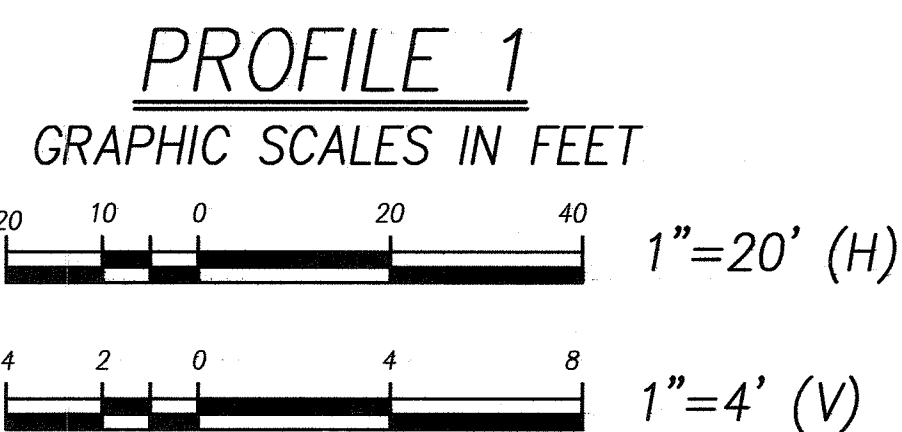
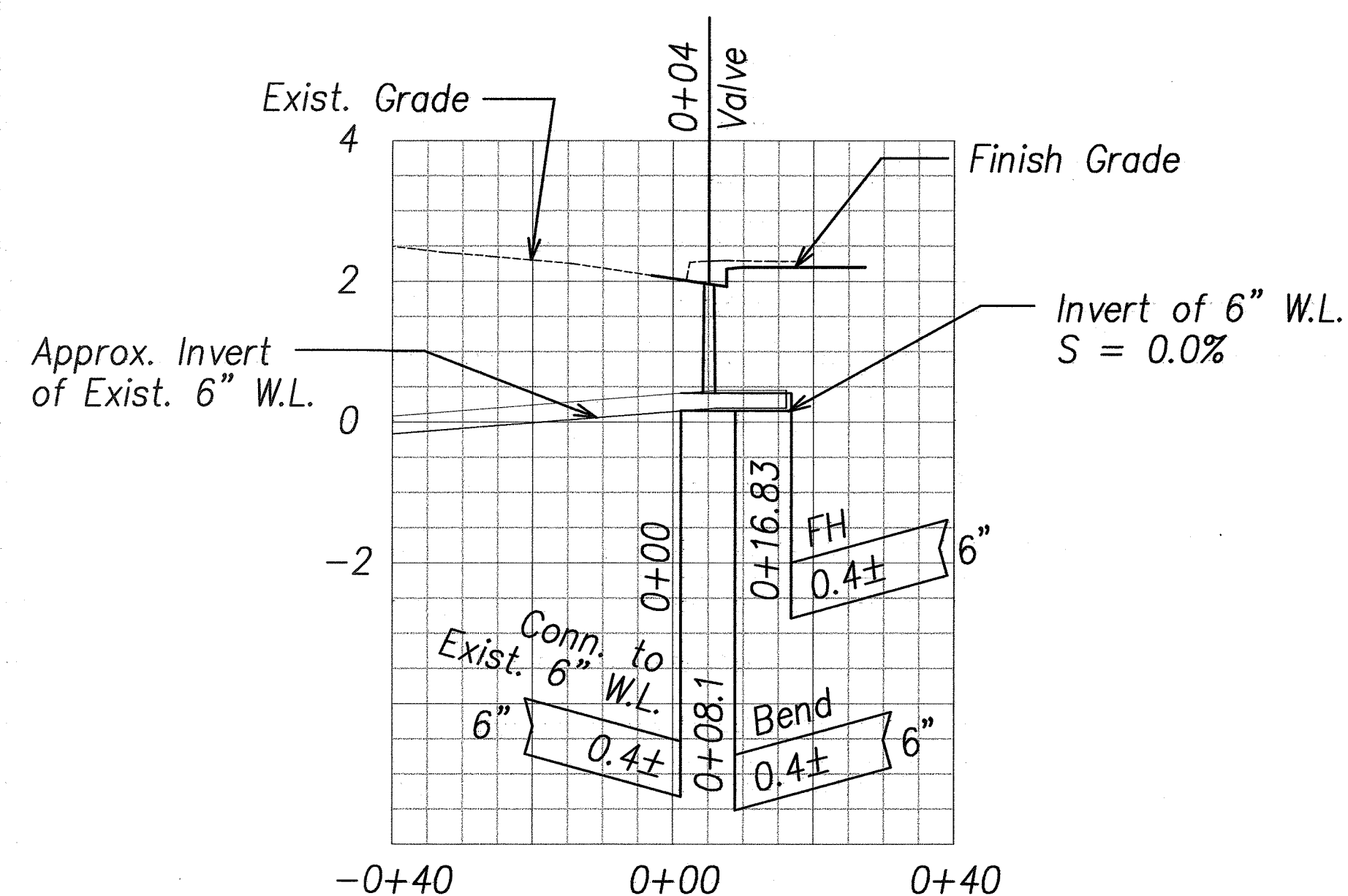


Remove Existing 6" 1/4 Bend
Connect to Existing FH Lateral
Cut Pipe as Necessary
1 - 6" Sleeve, 12" Long
8± LF DI Pipe, CL150/52
1 - 6" 1/4 Bend
1 - 6" GV, CL150
1 - Valve Box
1 - FH (Relocated)
1 - FH Extension Piece
Temporary For Testing
1 - 6" Cap w/ 2 1/2" C.O.
1 - Conc. Block

Exist. Water Meter
P/ID: 1062095
M/N: 94030276
Contractor to Relocate Exist.
3/4" Meter to New Sidewalk
Adjust Meter Box to New Finish Grade,
& Reconnect to Exist. Property Pipe
All Relocation Work to be Coordinated
with BWS Inspector.

Contractor to Remove and
Dispose of Exist. Inactive Water
Meter and Exist. Lateral Piping
P/ID: 1062094
M/N: 94032029

PLAN 1
Scale: 1" = 20'

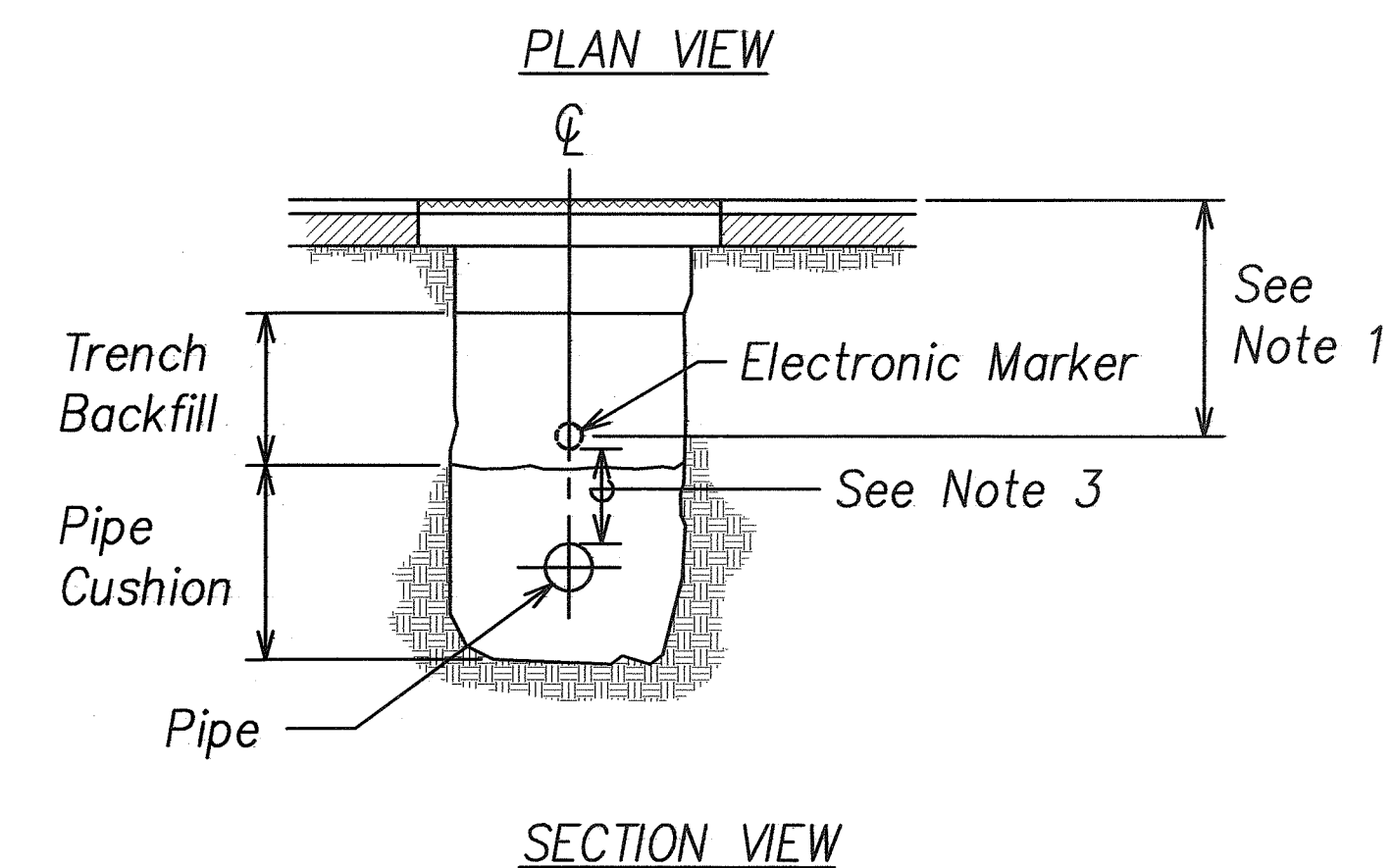
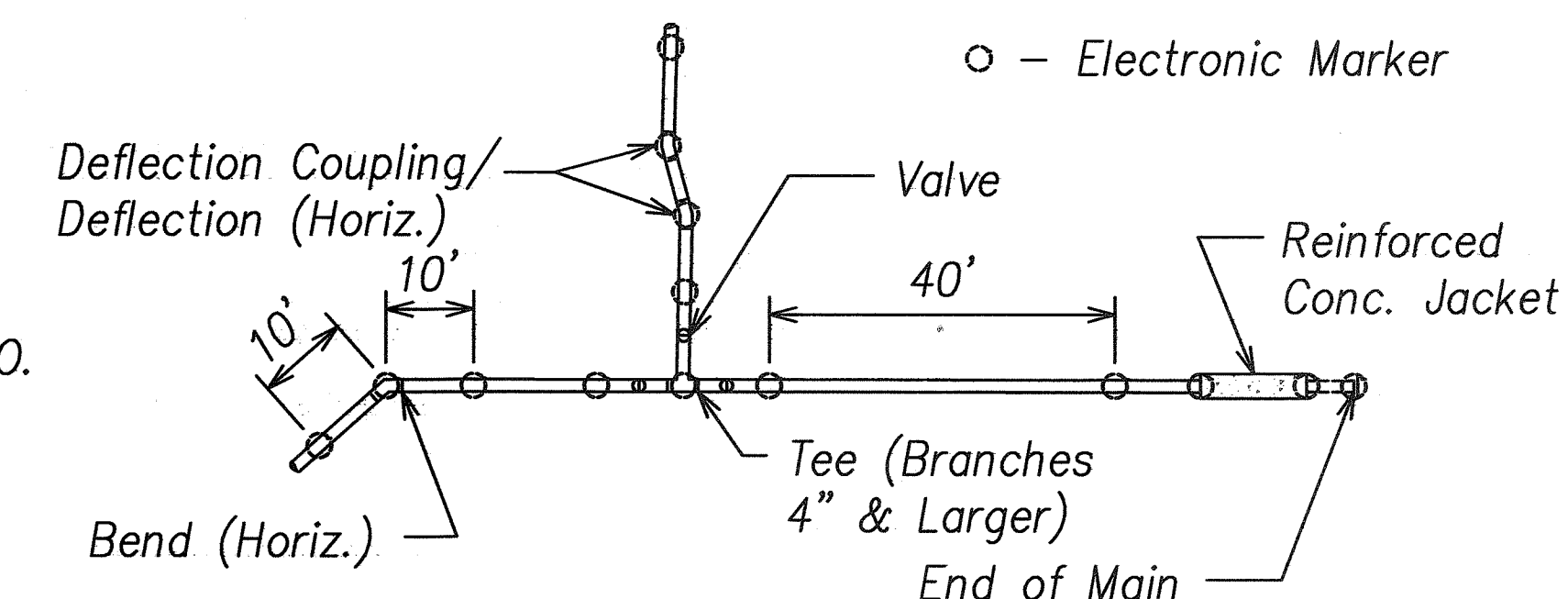
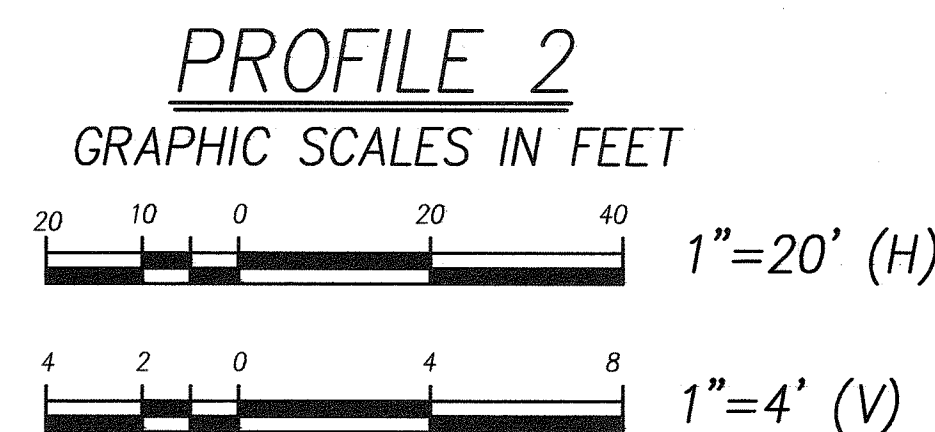
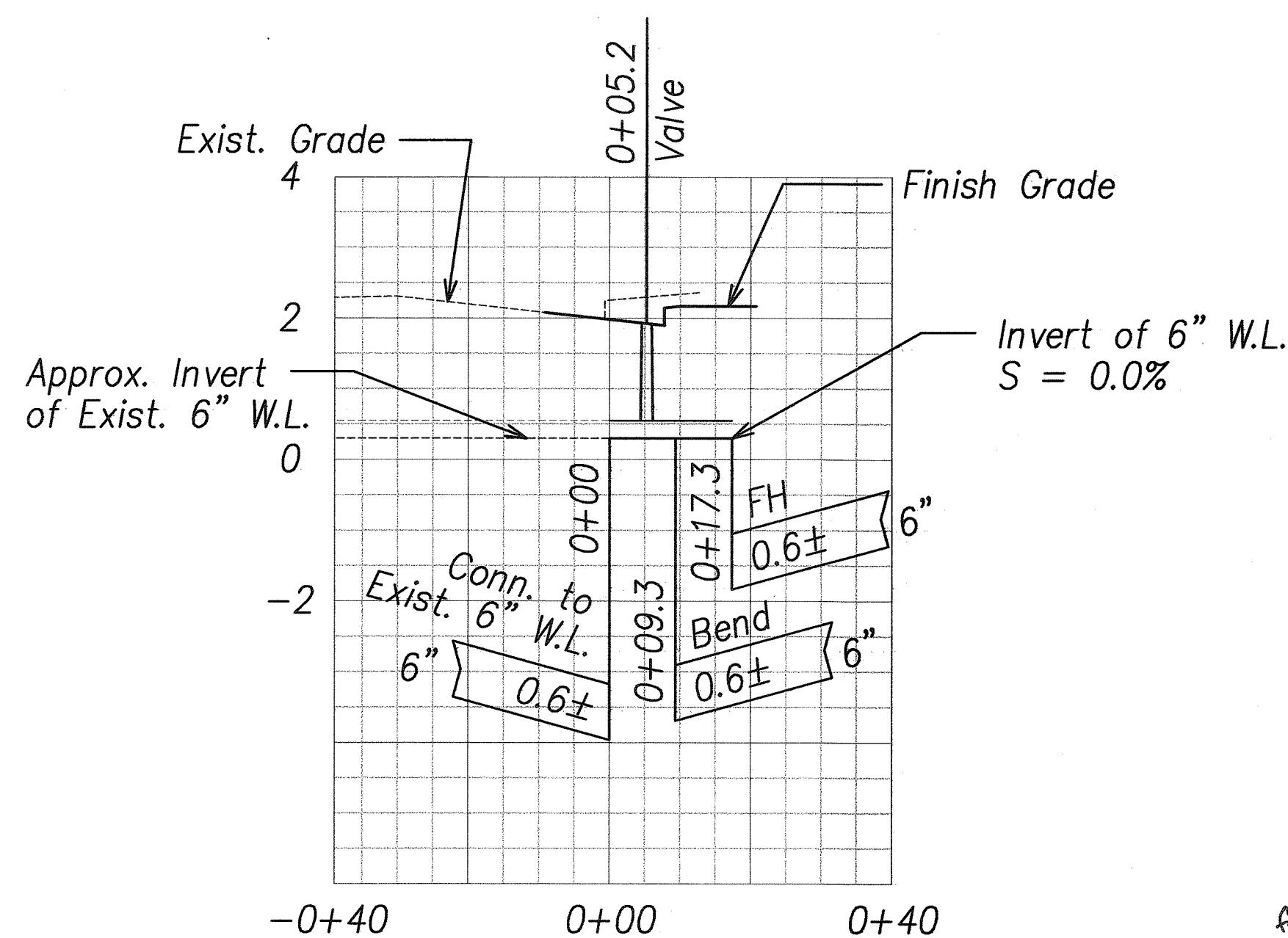


Remove Existing 6" 1/4 Bend
Connect to Existing FH Lateral
1 - 6" Sleeve, 12" Long
8± LF PVC/DI Pipe, CL150/52
1 - 6" 1/4 Bend
1 - 6" GV, CL150
1 - Valve Box
1 - FH (Relocated)
1 - FH Extension Piece
Temporary For Testing
1 - 6" Cap w/ 2 1/2" C.O.
1 - Conc. Block

PLAN 2
Scale: 1" = 20'

NOTES:
1. See BWS Water System Standards
For Connection Details.

LEGEND:
• Exist. Valve
• Exist. Fire Hydrant
— Existing Water Line
• New Valve
• New Fire Hydrant Location
— New Water Line



TYPICAL ELECTRONIC MARKER INSTALLATION
Not to Scale

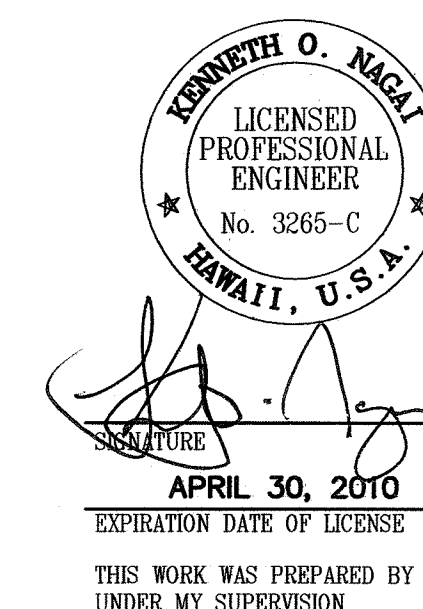
**ELECTRONIC MARKER
INSTALLATION NOTES:**

1. Install Electronic Marker Over ϕ of Pipe at a Minimum Depth of 2 Feet and a Maximum Depth of 3 Feet From Finish Grade.
2. Install Trench Backfill and Pipe Cushion Material in Accordance to the Plans and Specifications.
3. Install Electronic Marker at a Minimum Clearance of 6" Above the Pipe or Concrete Jacket.

APPROVED:

Dominic K. Dias
CHIEF, CAPITAL PROJECTS DIVISION, BWS

12/11/08
DATE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**FIRE HYDRANT
PLAN & PROFILES**

KALANIANA'OLE HIGHWAY IMPROVEMENTS
VICINITY OF HAWAII KAI DRIVE
TO KEAHOE STREET

FEDERAL-AID PROJECT NO. NH-072-1(52)
SCALE: As Noted DATE: November 2008

SHEET No. C-12 OF 22 SHEETS

DATE	_____
SURVEY PLOTTED BY	_____
DESIGNED BY	_____
TRACED BY	_____
NOTE BOOK	_____
CHECKED BY	_____
No.	_____