

TRIPLE WATER SERVICE

NOT TO SCALE

FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS	
HAWAII	HAW.	STP-050-1(17)	2000	17	72	

	SCHEDULE OF FITTINGS					
No	Description	Single Service	Double Service	Triple Service	Quad Service	
A	Bronze Service Saddle w/ Tap for C-900 PVC Pipe and Ductile Iron Pipe	1	1	1	1	
E	Bronze Ball Corp	1	1	1	1	
C	Ford Pack Joint Coupling	1	1	1	1	
	Copper Tube, Type "K" Soft	1	1	1	1	
E	1" 90° Copper Elbow	1	2	3	4	
F	1" Copper Male Adapter	1	2	3	4	
	Angle Valve, 1" Female IPT, Inlet x 3/4" Meter Coupling Nut Outlet Ford KV13—342W or Approved Equal)	1	2	3	4	
F	Meter Spacer Supplied by Dow and Installed by Contractor	1	2	3	4	
	Ball Valve w/Handle, 3/4" Meter Coupling Nut Inlet x 1" Female IPT Outlet (Ford BM-13-342 w/ HT-34 Handle or Approved Equal)	1	2	3	4	
U	Linesetter — 1" Copper Tube, Type "K" Soft, 12" Long	1	2	3	4	
K	1" Plastic Thread Protector	1	2	3	4	
	Type "B" Concrete Meter Box w/ Cast Iron Cover	1	2	3	4	
N	1 1" x 1" x 1 1/2" Copper Tee, S x S x S		1			
	Copper Male Adapter, S x T (When Connecting to 3" or Smaller PVC Pipe)	1	1	1		
F	Copper Tube, Type "K" Soft		2	5	8	
	1" x 2" x 2" Copper Tee, S x S x S			1		
F	2" x 2" x 2" Copper Tee, S x S x S			1		
5	2" x 1" Copper Reducer, S x S			2		
	2" Copper Elbow, S x S			1		
	1" x 2 1/2" x 2 1/2" Copper Tee, S x S x S				2	
_\	2 1/2" x 2 1/2" x 2 1/2" Copper Tee, S x S x S				1	
<u> </u>	2 1/2" x 1" Copper Reducer, S x S				2	
	2 1/2" Copper Elbow, S x S				2	

LICENSED PROFESSIONAL ENGINEER

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APPROVED:

For MANAGER AND CHIEF ENGINEER DEPARTMENT OF WATER COUNTY OF KAUAI

1/29/02

DATE

IMPROVEMENTS AT KOLOA ROAD FED. AID PROJ. No. STP-050-1(17)

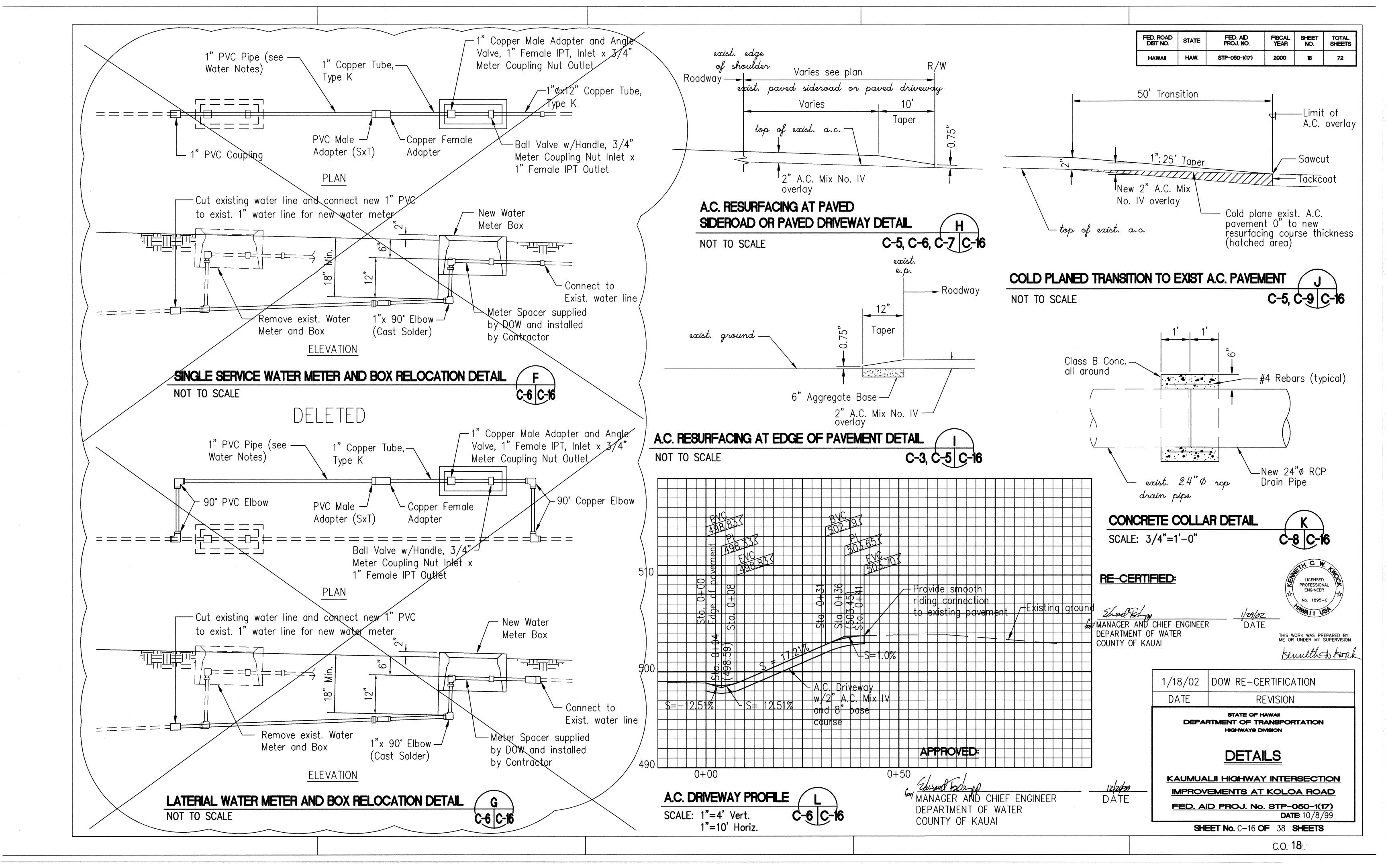
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

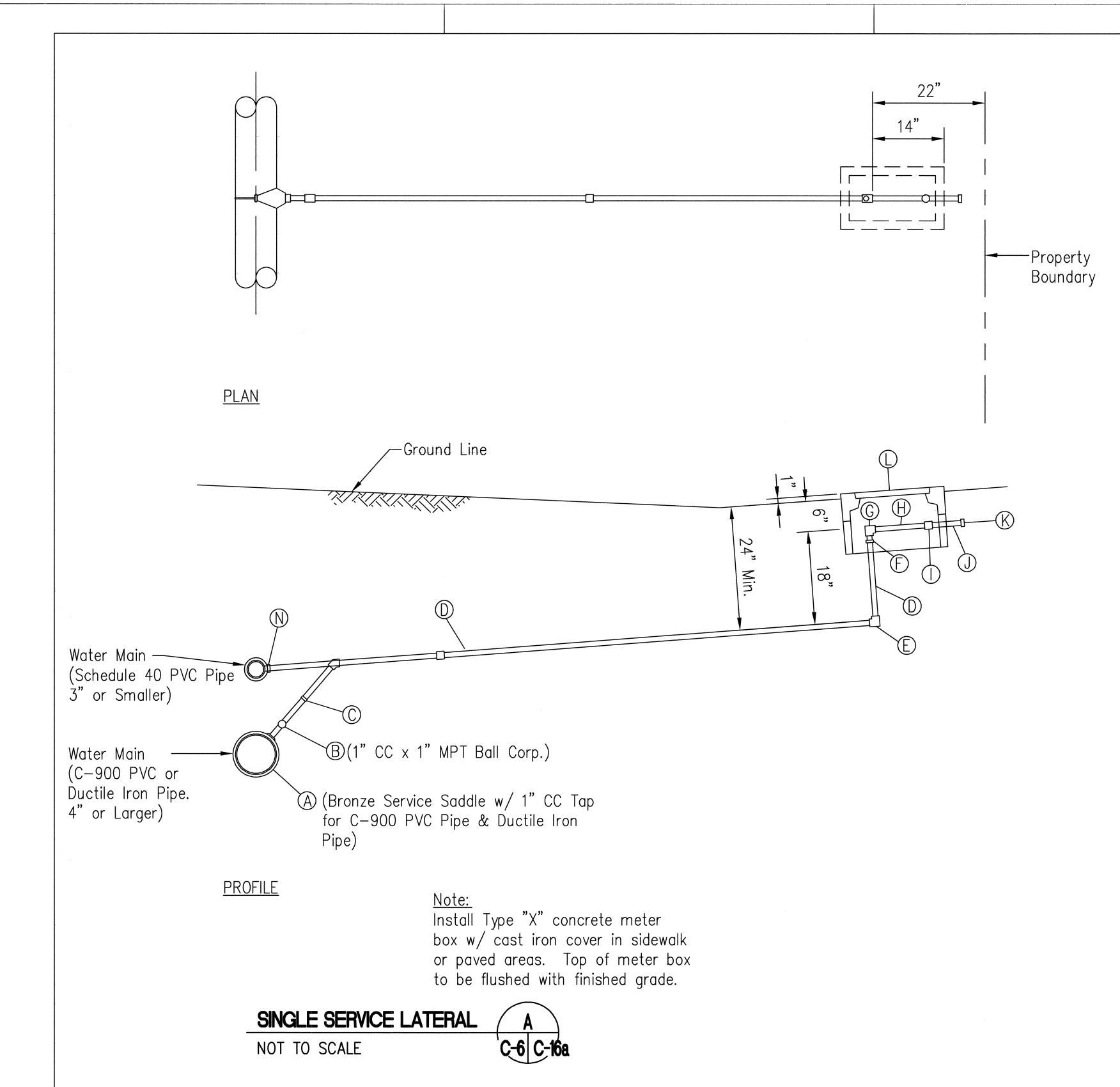
DETAILS

KAUMUALII HIGHWAY INTERSECTION

SHEET No. C-15aOF 38 SHEETS

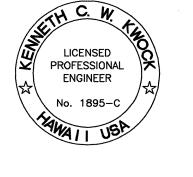
C.O. 17A





FED. ROAD DIST NO. FISCAL SHEET NO. FED. AID PROJ. NO. TOTAL SHEETS STATE STP-050-1(17)

	SCHEDULE OF FITTINGS	
No.	Description	Single Service
Α	Bronze Service Saddle w/ 1" Tap for C-900 PVC Pipe and Ductile Iron Pipe	. 1
В	1" CC X 1" MPT Ball Corporation	1
С	Pack Joint Couplings (Ford C14—44 or Approved Equal)	1
D	1" Copper Tube, Type "K" Soft	1
Ε	1" 90° Copper Elbow	1
F	1" Copper Male Adapter	1
G	Angle Ball Valve, 1" Female IPT, Inlet x 3/4" Meter Coupling Nut Outlet Ford BA13—342W or Approved Equal)	1
Н	Meter Spacer Supplied by Dow and Installed by Contractor	1
	Ball Valve w/Handle, 3/4" Meter Coupling Nut Inlet x 1" Female IPT Outlet (Ford B-13-342 w/ HT-34 Handle or Approved Equal)	1
J	Linesetter — 1" Copper Tube, Type "K" Soft, 12" Long	. 1.
K	1" Plastic Thread Protector	1
Ľ	Type "B" Concrete Meter Box w/ Cast Iron Cover	1
М	Tee w/ 1" Bushing (When Connecting to 3" or Smaller Pipe)	1



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1/29/02 DATE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

DETAILS

KAUMUALII HIGHWAY INTERSECTION IMPROVEMENTS AT KOLOA ROAD FED. AID PROJ. No. STP-050-1(17) DATE:

SHEET No. C-16a OF 38 SHEETS

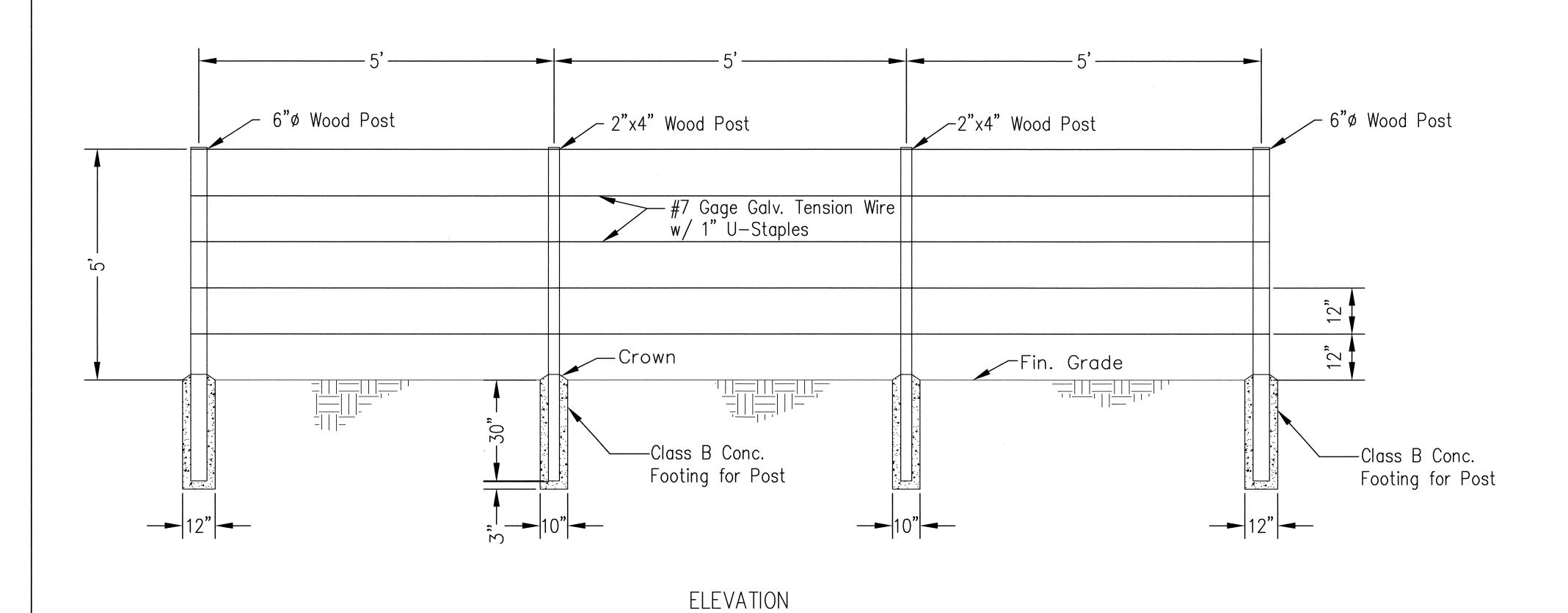
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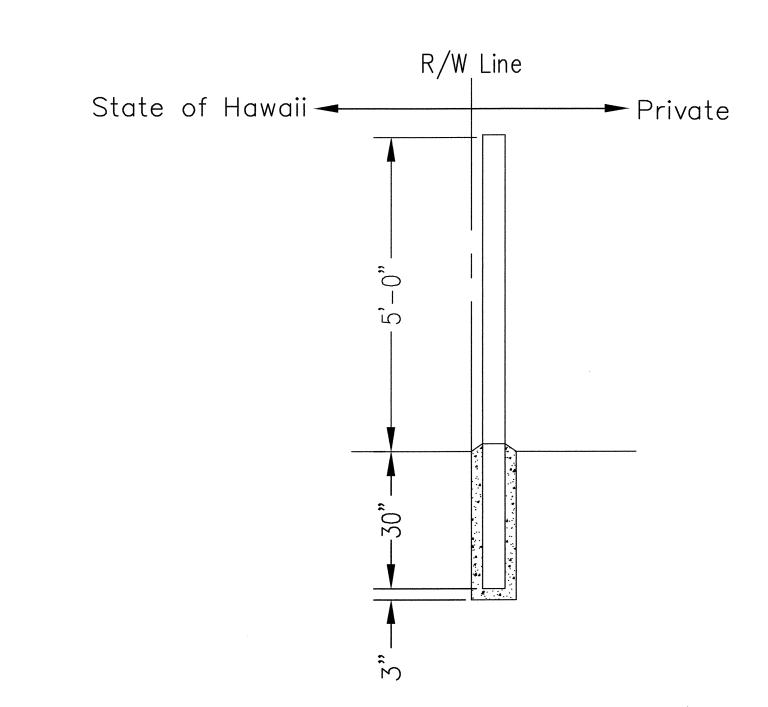
Edward Kelyp MANAGER AND CHIEF ENGINEER DEPARTMENT OF WATER

COUNTY OF KAUAI

C.O. 18A

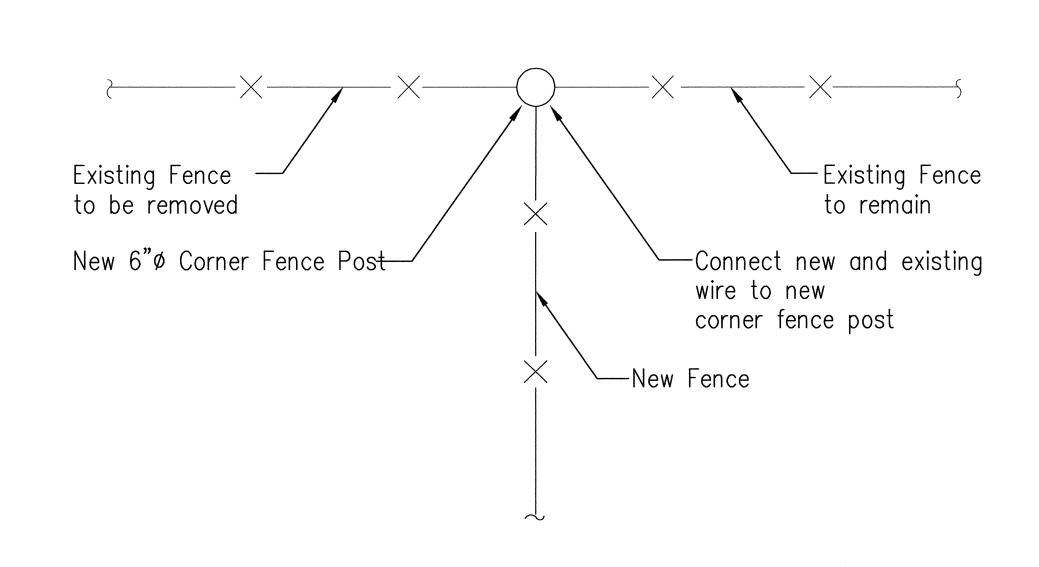
FED. ROAD DIST NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-050-1(17)	2000	19	72

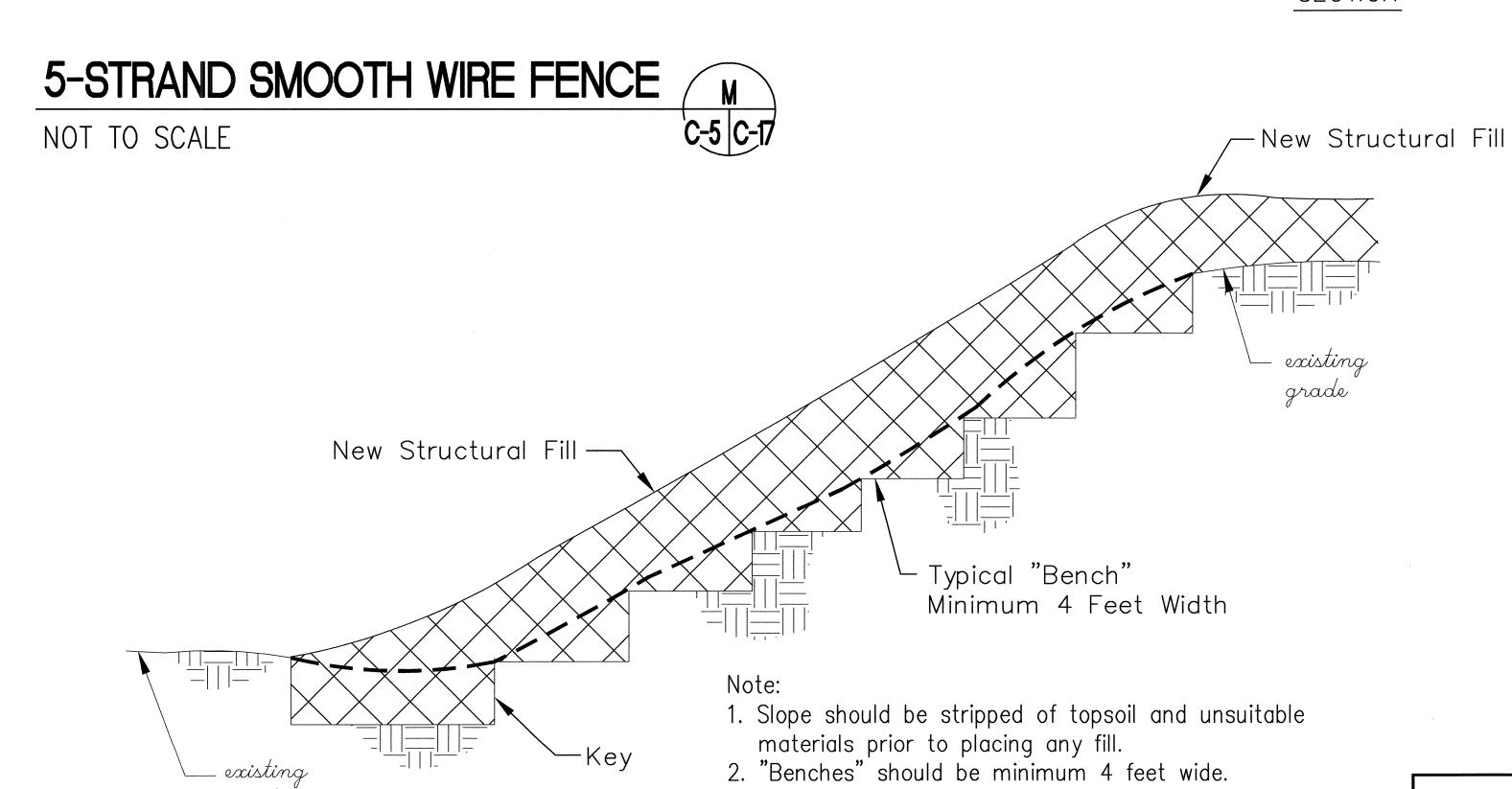




SECTION

C-5, C-8 C-17





TYPICAL SLOPE FILL PLACEMENT CROSS SECTION

3. "Key" should be minimum 2 feet deep and 6 feet

wide, extending the full length of the slope face.

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DEPARTMENT OF TRANSPORTATION

DETAILS

KAUMUALII HIGHWAY INTERSECTION IMPROVEMENTS AT KOLOA ROAD FED. AID PROJ. No. STP-050-1(17)

SHEET No. C-17 OF 38 SHEETS

TYPICAL FENCE CONNECTION DETAIL N NOT TO SCALE

NOT TO SCALE

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DATE: 10/8/99

