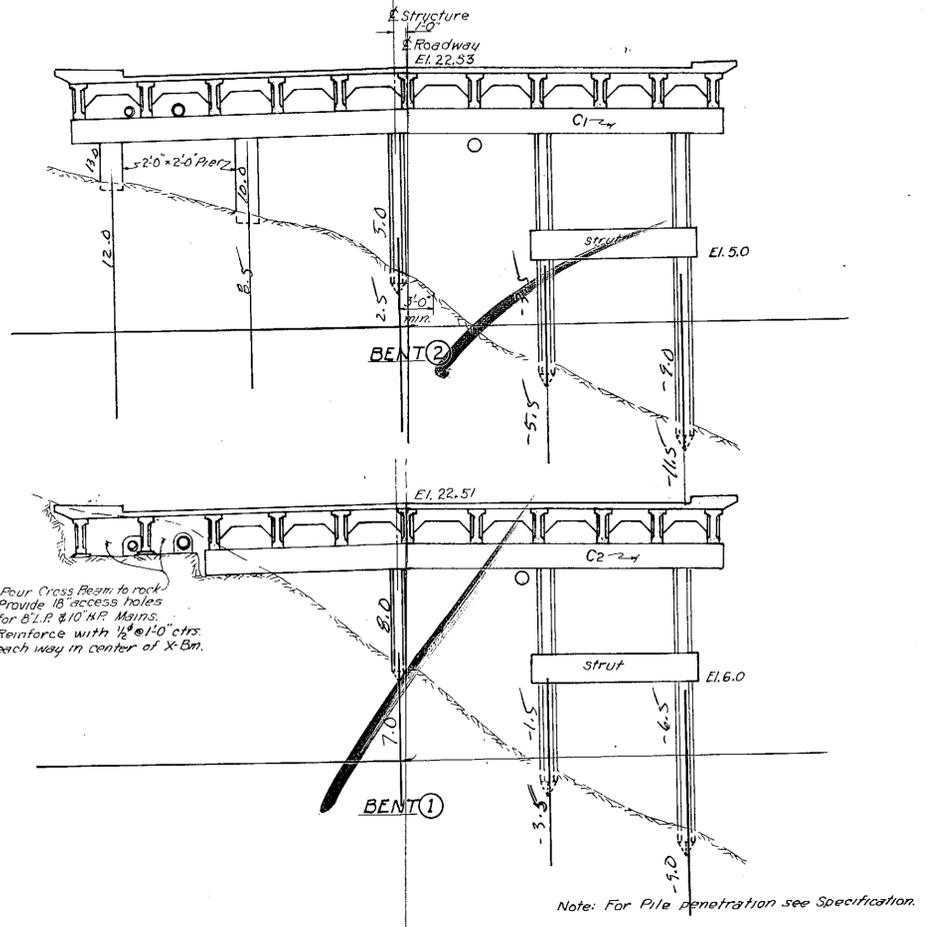
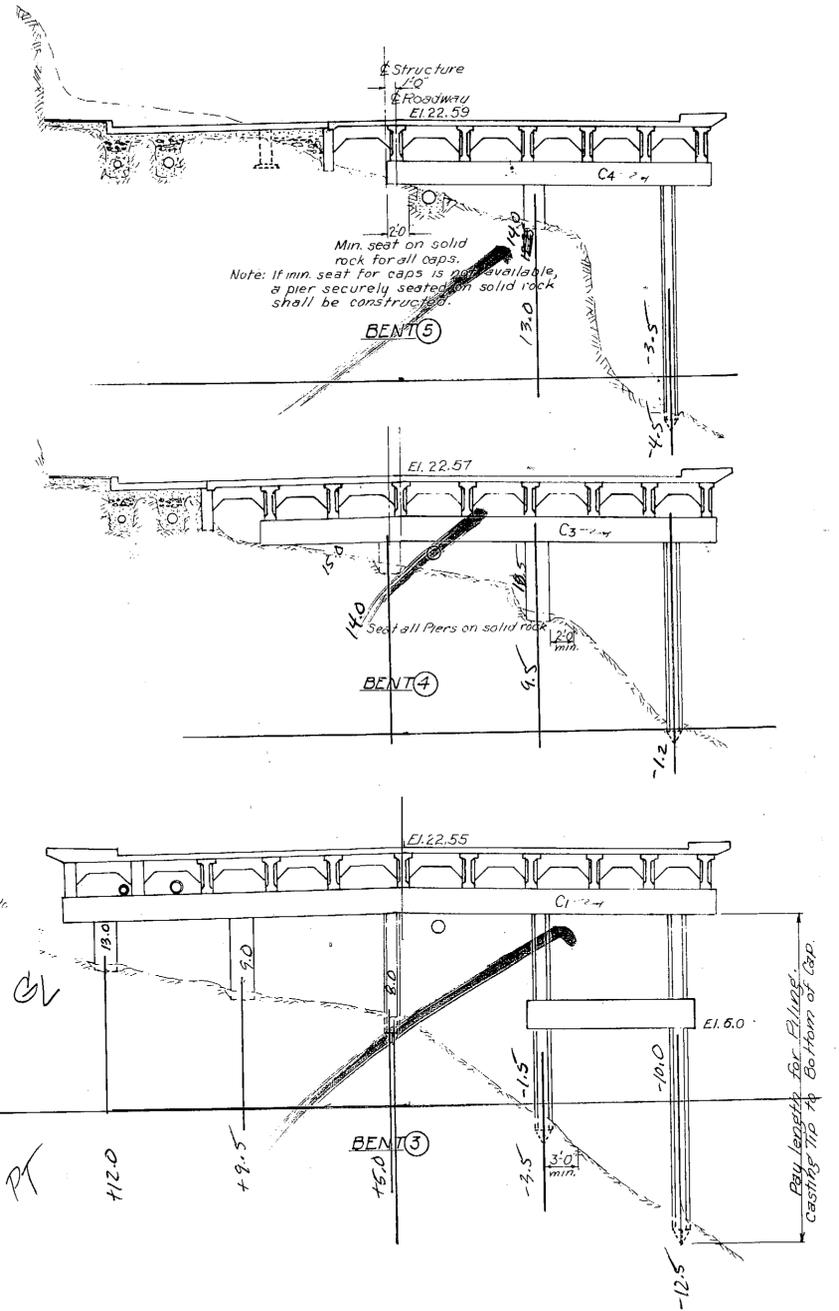
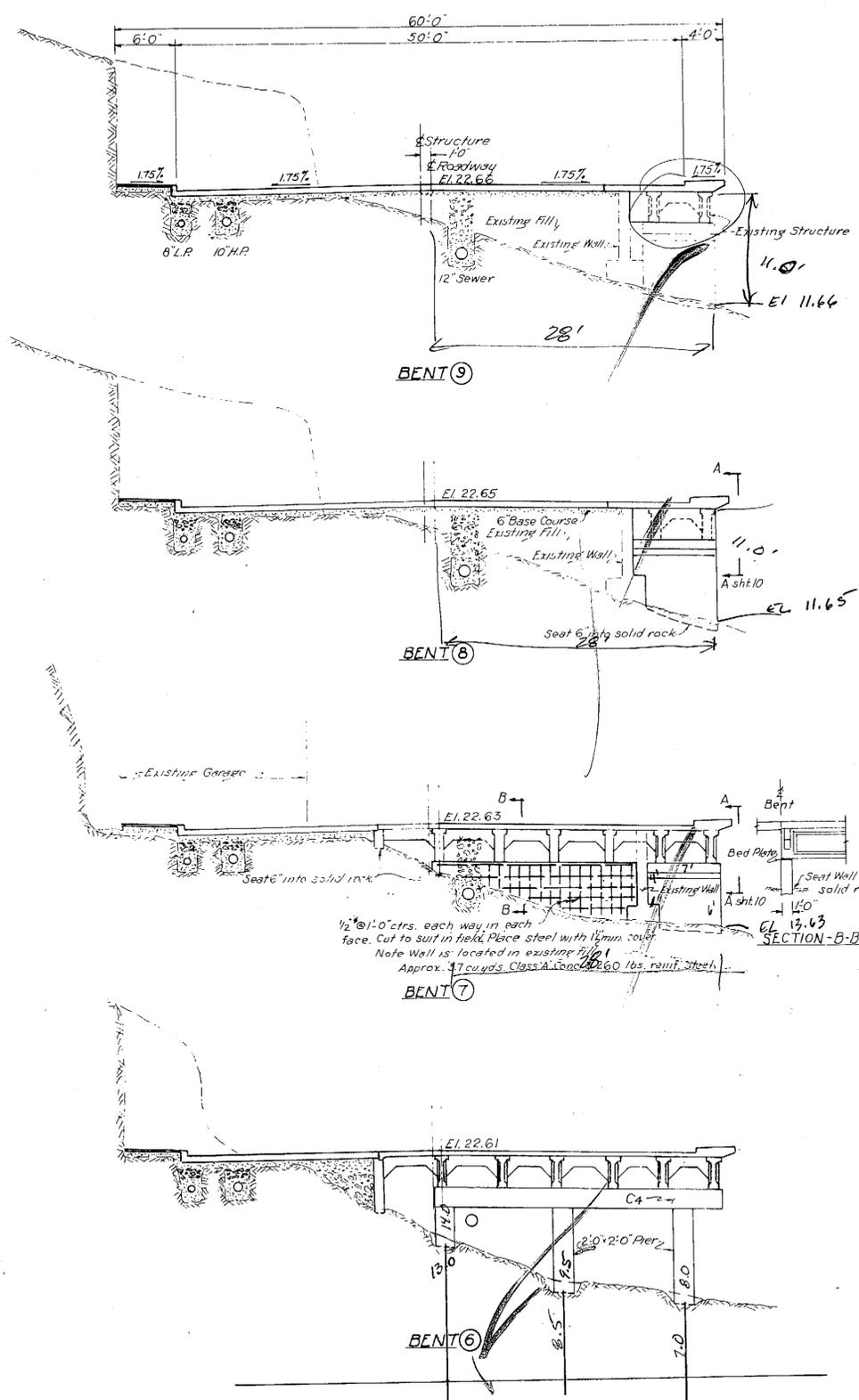




Drawn By *F.D.L.* Date, 1955  
 Checked *F.D.L.* " 1956  
*F.D. Longdale* Consulting Eng'r.  
 City Engineer

REVISIONS:  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_



NOTE:  
 All Quantities Shown are  
 Approximate Quantities

U. S. DEPARTMENT OF THE INTERIOR  
 OFFICE OF TERRITORIES  
 ALASKA PUBLIC WORKS  
 PROJECT NO. Aaa 50-A-208

KETCHIKAN, ALASKA.  
 TONGASS AVE. - WATER ST. IMPROVEMENT  
 WATERFRONT ARTERIAL  
 DIV. A - UNIT 3 - DIV. B - UNIT 4a  
 PROJECT DIVISION

CROSS - SECTIONS  
 BENT 9 - BENT 1



DATE THIS PRINT

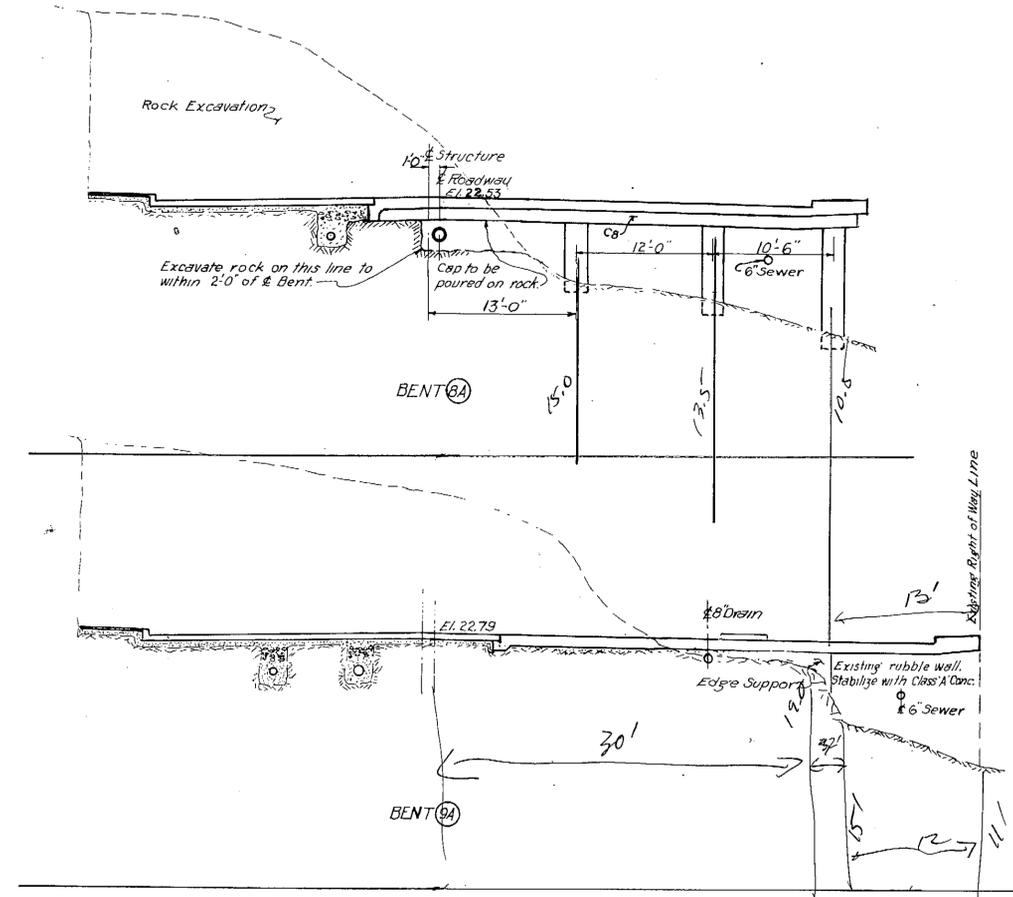
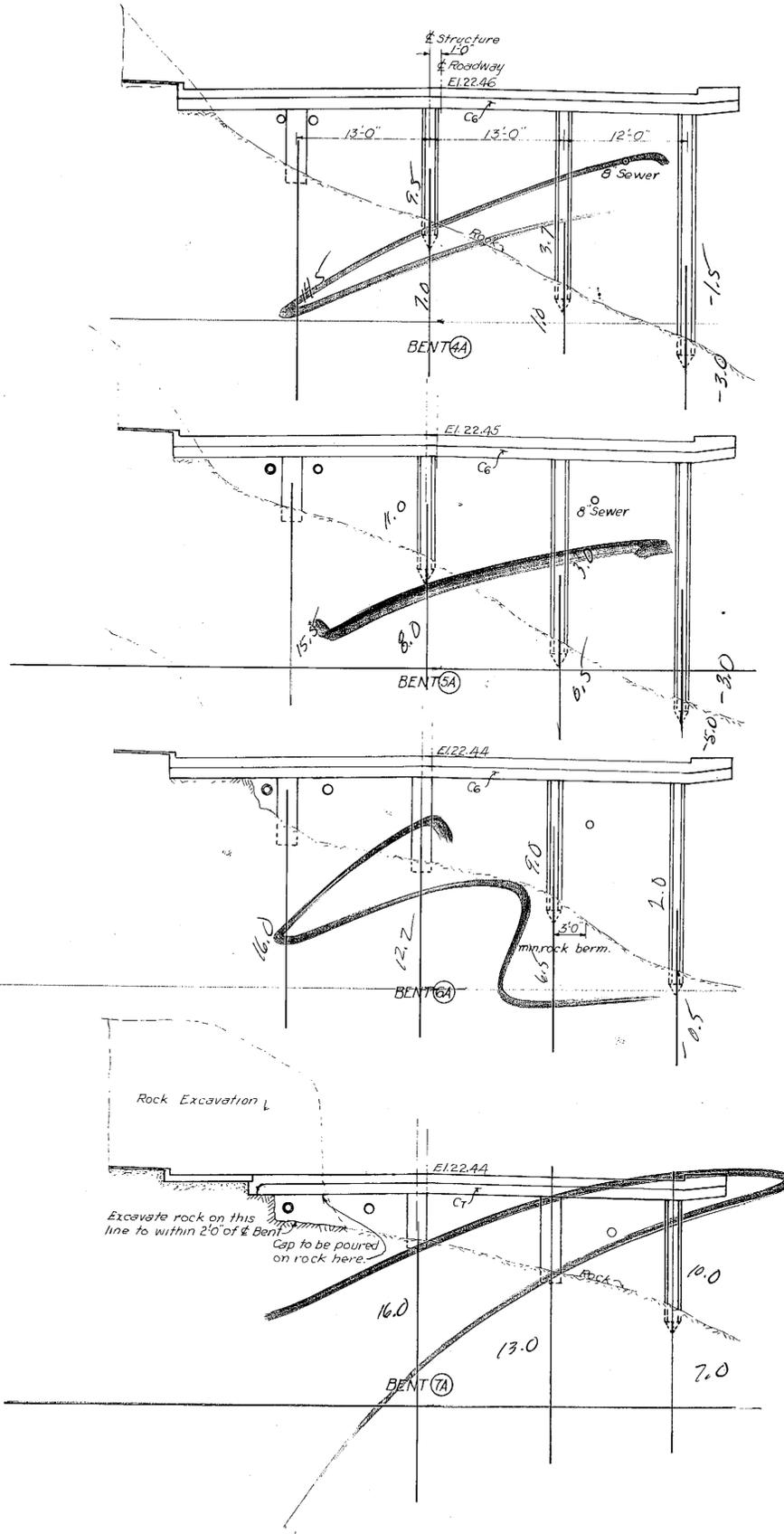
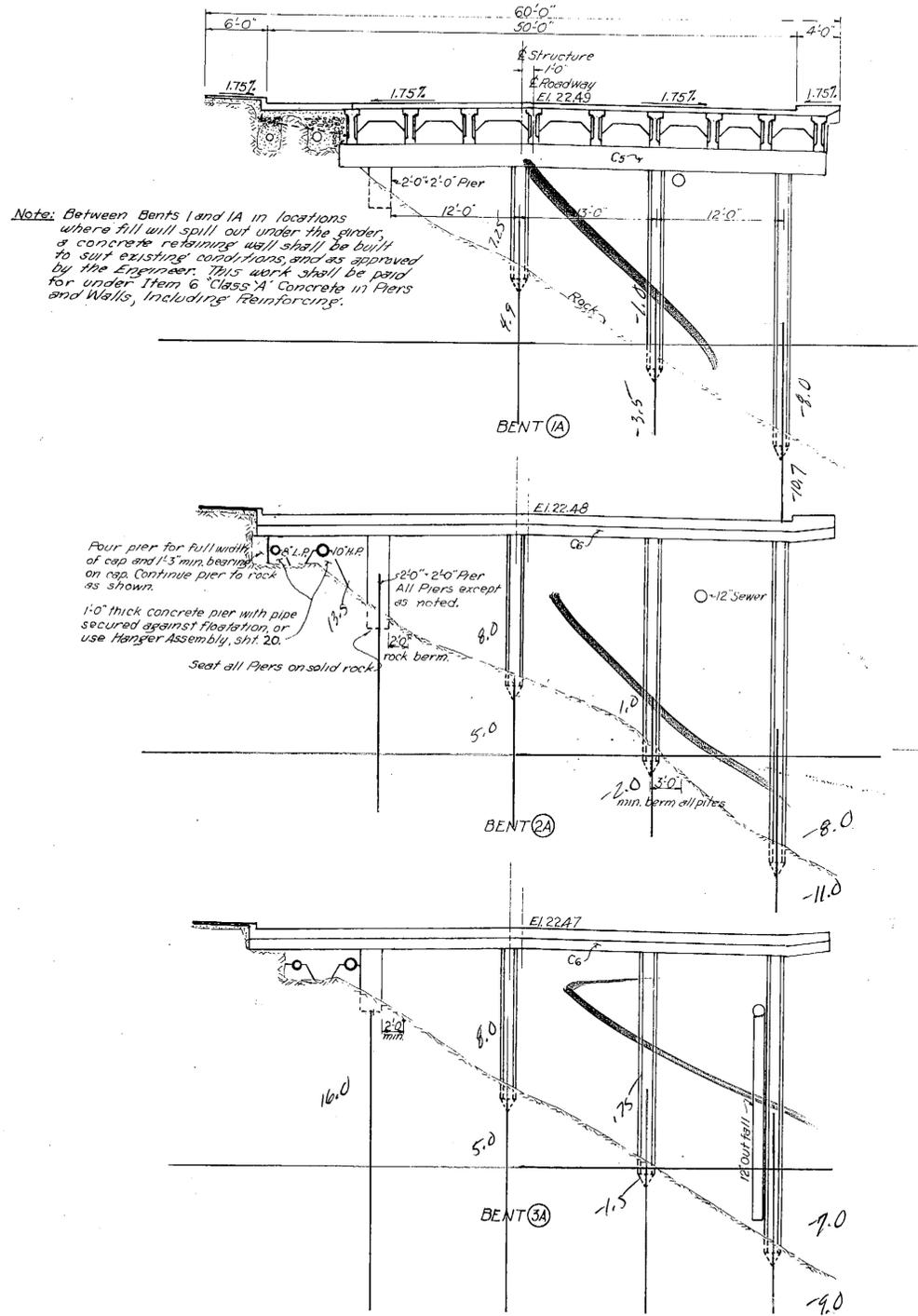
Approved *Aug 15* 1956  
*Robert M. Clark* City Manager

Adopted by the City Council  
 Aug 15, 1956, Resolution No. 580  
 Account No. 830, Fund Waterfront Arterial  
*Herbert Meyer*, Mayor; *Robert M. Clark*, City Clerk

W. E. Brice, Act'g City Engineer  
 Ray M. Murray, Consulting Eng'r.  
 Scale 1/8" = 1'-0" Date Aug 1956  
 SHEET NO. 6 OF 40 SHEET  
 CITY FILE:

Drawn By F.D.S. Date, 1955  
 Checked [Signature] " 1956  
F.D. Stangor Consulting Eng'r.  
[Signature] City Engineer

REVISIONS:  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_



Note: For Pile penetration see specification.

DATE THIS PRINT



Approved Aug 15 1956  
[Signature] City Manager

Adopted by the City Council  
Aug 15, 1956, Resolution No. 580  
 Account No. 530, Fund Waterfront Arterial  
[Signature] Mayor, [Signature] City Clerk

U. S. DEPARTMENT OF THE INTERIOR  
 OFFICE OF TERRITORIES  
 ALASKA PUBLIC WORKS  
 PROJECT NO. Aaa 50-A-208

KETCHIKAN, ALASKA  
 TONGASS AVE. - WATER ST. IMPROVEMENT  
 WATERFRONT ARTERIAL  
 DIV. A - UNIT 3 - DIV. B - UNIT 4a  
 PROJECT DIVISION

CROSS-SECTIONS  
 BENT 1A - BENT 9A

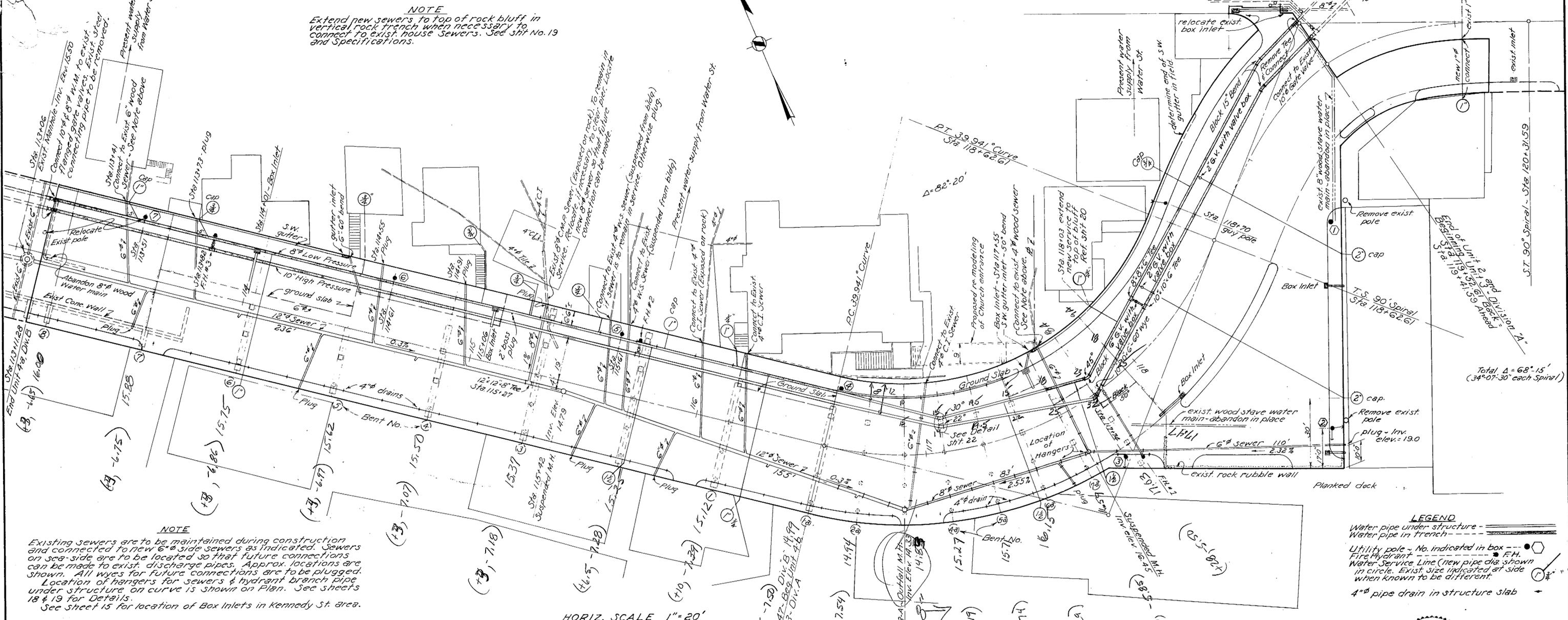
W. E. Brice, Act'g City Engineer  
 Ray M. Murray, Consulting Eng'r.  
 Scale 1/4" = 1'-0" Date Aug 1956

SHEET NO. 7 OF 40 SHEETS  
 CITY FILE:

Drawn By FLC Date 1/14/55  
 Checked FLC " 1955  
F.D. Langdale Consulting Eng'r.  
 City Engineer

REVISIONS:  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_  
 Detail \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_

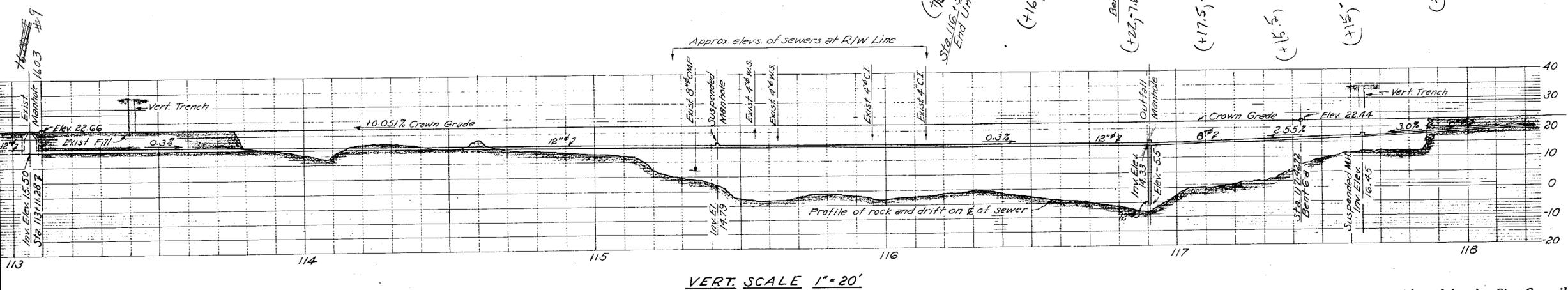
**NOTE**  
 Extend new sewers to top of rock bluff in vertical rock trench when necessary to connect to exist. house sewers. See sheet No. 13 and Specifications.



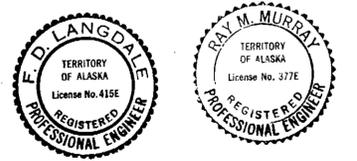
**NOTE**  
 Existing sewers are to be maintained during construction and connected to new 6" side sewers as indicated. Sewers on sea-side are to be located so that future connections can be made to exist. discharge pipes. Approx. locations are shown. All wyes for future connections are to be plugged. Location of hangers for sewers & hydrant branch pipe under structure on curve is shown on Plan. See sheets 18 & 19 for Details. See sheet 15 for location of Box Inlets in Kennedy St. area.

**LEGEND**  
 Water pipe under structure -   
 Water pipe in trench -   
 Utility pole - No. indicated in box -   
 Fire Hydrant -   
 Water Service Line (new pipe dia. shown in circle. Exist. size indicated at side when known to be different) -   
 4" pipe drain in structure slab -

HORIZ. SCALE 1" = 20'



VERT. SCALE 1" = 20'



U. S. DEPARTMENT OF THE INTERIOR  
 OFFICE OF TERRITORIES  
 ALASKA PUBLIC WORKS  
 PROJECT NO. Aaa 50-A-208

KETCHIKAN, ALASKA.  
 TONGASS AVE. - WATER ST. IMPROVEMENT  
 WATERFRONT ARTERIAL  
 DIV. A - UNIT 3 - DIV. B - UNIT 4-a  
 PROJECT DIVISION

UTILITIES  
 SEWERS  
 DRAINS

W. E. Brice, Act'g City Engineer  
 Ray M. Murray, Consulting Engr.  
 Scale Noted Date Aug. 1956  
 SHEET NO. 17 OF 40 SHEETS  
 CITY FILE:

Adopted by the City Council  
 Aug 15, 1956, Resolution No. 580  
 Account No. 830 - Fund Waterfront Arterial  
 Approved Aug 15 1956  
Ray M. Murray, Mayor; Ray M. Murray, City Clerk

DATE THIS PRINT