

CITY OF AUBURN
REQUEST FOR PROPOSALS (RFP)
Project CP1603 – Coal Creek Springs 24” Transmission Replacement
Proposals Due: November 9, 2016

The City of Auburn is soliciting Proposals from qualified consulting teams to provide professional services for the design, survey, geotechnical evaluation and recommendations, environmental permitting and approvals, cultural & historical review, and potentially construction assistance for the Coal Creek Springs 24” Transmission Main Replacement project, CP1603.

One electronic copy (PDF) of the Proposal Package shall be emailed to swickstrom@auburnwa.gov on or before 4:00 pm, Wednesday, November 9, 2016 with a subject line “Proposal – Coal Creek Springs 24” Transmission Main Replacement, CP1603”. Questions regarding this solicitation should be directed to Seth Wickstrom, Project Engineer, by email only at swickstrom@auburnwa.gov.

For specific instructions on information to include in the Proposal, refer to the section below entitled *Proposal Elements*. Evaluation of the Proposals and ultimate consultant selection is identified in the section entitled *Selection Process and Evaluation Criteria* below. Although the use of subconsultants is recognized as being necessary for a multidiscipline project, the City’s preference is for the lead consultant to have the majority of the work performed in-house.

The City will conduct an optional pre-proposal meeting on Wednesday, October 19, 2016 @ 11:00 am at Game Farm Park, 3030 R Street SE, Auburn, WA. See attached map for the specific meeting location.

PROJECT DESCRIPTION

Coal Creek Springs is the City’s largest water source and is located south of the White River. The Coal Creek Springs transmission main conveys water under the White River to the City’s storage reservoirs and water system on the north side of the river. The transmission main was installed in the 1920s and was constructed of welded steel and wood. The wood stave main was replaced with concrete cylinder pipe in 1964. Approximately 870 feet of steel main crossing the White River was not replaced. Construction drawings indicate the river crossing was to be lined at a later date (see attached drawings); however there are no records indicating this work was ever completed.

This project will include:

- Constructing approximately 600 lineal feet of new 24-inch diameter water main crossing underneath the White River, parallel to the existing steel main. Include provisions for future replacement of the remaining portion of steel main (e.g., blind-flanged tee), or if there is sufficient budget, parallel all of the existing steel main.
- Evaluating the integrity of the existing steel main, and lining approximately 450 feet of main to provide a reliable, redundant river crossing.
- Constructing a casing parallel to the new river crossing to provide 8-inch water main and utility conduit to Game Farm Wilderness Park on the south side of the White River.

The entire project is located within park land owned by the City, and construction activities will be near Muckleshoot Indian Tribe (MIT) lands. Funding is provided by the Drinking Water State Revolving Fund (DWSRF). The total estimated cost of the project is \$1,550,000. The DWSRF loan agreement is anticipated to be executed in October 2016. The City has 18 months from

the loan execution date to award a construction contract. Project design is anticipated start in February 2017 and be complete by February 2018.

SCOPE OF WORK

The design contract will include project management, geotechnical evaluation, survey, environmental approvals and permitting, cultural and historical survey, preparation of contract plans, specifications, and estimates at the 15%, 30%, 90% and final review levels; “over-the-shoulder” reviews between the 30% and 90% review levels, and bidding/construction assistance.

PROPOSAL ELEMENTS

Each proposal is limited to twelve (12) single-sided pages (excluding cover and dividers) (minimum font size 10 arial), and should address the following items relative to the design and construction of large diameter water mains, river crossings, environmental permitting, cultural & historical survey, and other project elements:

1. The qualifications of your proposed Project Team for the environmental permitting, geotechnical design, cultural & historical survey, and design efforts. Include any sub-consultants proposed.
2. The proposed Project Team, including sub-consultants, and expertise and experience with similar projects. Please include the following information:
 - Project name
 - Location and Project Costs
 - A brief description of the project
 - The firm’s role in the project
 - Project Team Member roles in the project
 - A project reference and contact phone number.
3. The Project Team’s general approach to the project, and any issues that you have identified.
4. The Project Team’s anticipated Project Schedule.
5. Your firm’s process/procedures for providing quality assurance/quality control through out the life of the project.

SELECTION PROCESS AND EVALUATION CRITERIA

A committee of City personnel will evaluate and rate the proposals on the following criteria, weighted as indicated:

1. Project Team Qualifications (20%)
2. Project Team Experience with Similar Project (30%)
3. Approach to the Project (20%)
4. Anticipated Project Schedule (15%)
5. Quality Assurance / Quality Control Plan (15%)

Following the evaluation of the Proposals, the City will interview up to three (3) of the prospective consultants. Those firms selected for interview will have the opportunity to present their past experience with similar projects and overall project approach.

SELECTION SCHEDULE

The City's proposed schedule for Consultant selection, subject to change, is as follows:

Issue Request for Proposals	October 11, 2016
Pre-Proposal Meeting at Game Farm Park	October 19, 2016 @ 11:00 am
Deadline for Submittal of Proposals	November 9, 2016 @ 4:00 pm
Preliminary Selection of Firms	November 17, 2016
Notify Firms Chosen for Interviews	November 18, 2016
Consultant Interviews	Week of November 28, 2016
Final Selection of Design Firm	December 2, 2016
Execution of Consultant Agreement	February 2017

TERMS AND CONDITIONS

The City of Auburn reserves the right to reject any and all Proposals and to waive irregularities and informalities in the submittal and evaluation process. This solicitation for Consultant Services does not obligate the City of Auburn to pay any costs incurred by respondents in the preparation and submission of a Proposal. This solicitation does not obligate the City of Auburn to accept or contract for any expressed or implied services. Furthermore, the City of Auburn reserves the right to award the contract to the next most qualified Consultant if the selected Consultant does not execute a contract within thirty (30) days after the award of the proposal.

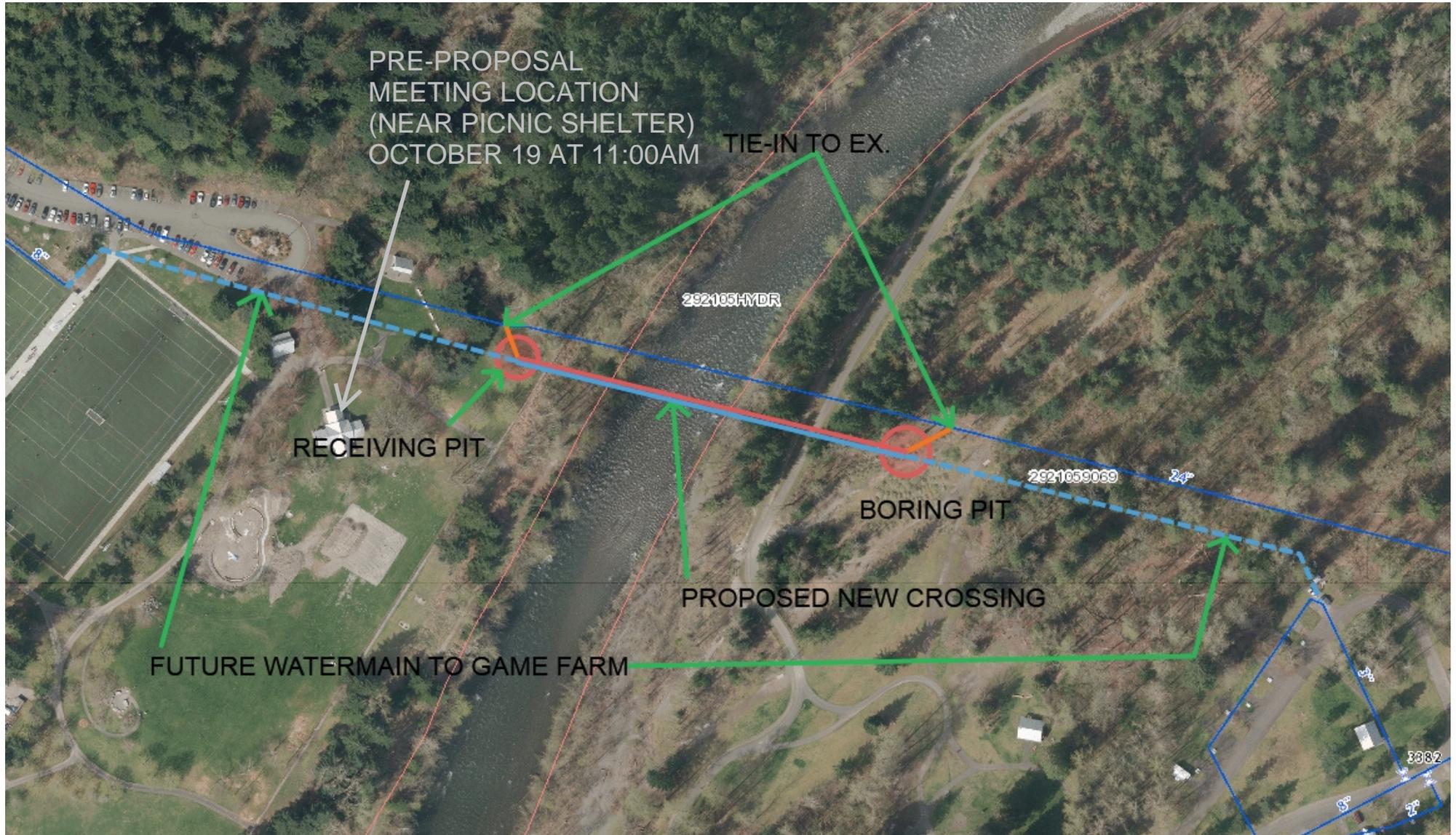
Persons with disabilities may request this information be prepared and supplied in alternative forms by calling 253-931-3010.

The City of Auburn does not discriminate on the grounds of race, color, religion, national origin, sex, sexual orientation, age or handicap in consideration for a project award.

Dates of publication in the Seattle Daily Journal of Commerce, October 11, 2016 and October 18, 2016.

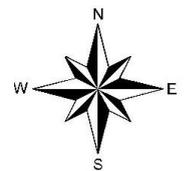
Dates of publication in the Seattle Times, October 11, 2016 and October 18, 2016.

Coal Creek Springs Transmission Main Crossing



Printed Date:4/13/2016
Map Created by City of Auburn eGIS

Information shown is for general reference purposes only and does not necessarily represent exact geographic or cartographic data as mapped. The City of Auburn makes no warranty as to its accuracy.

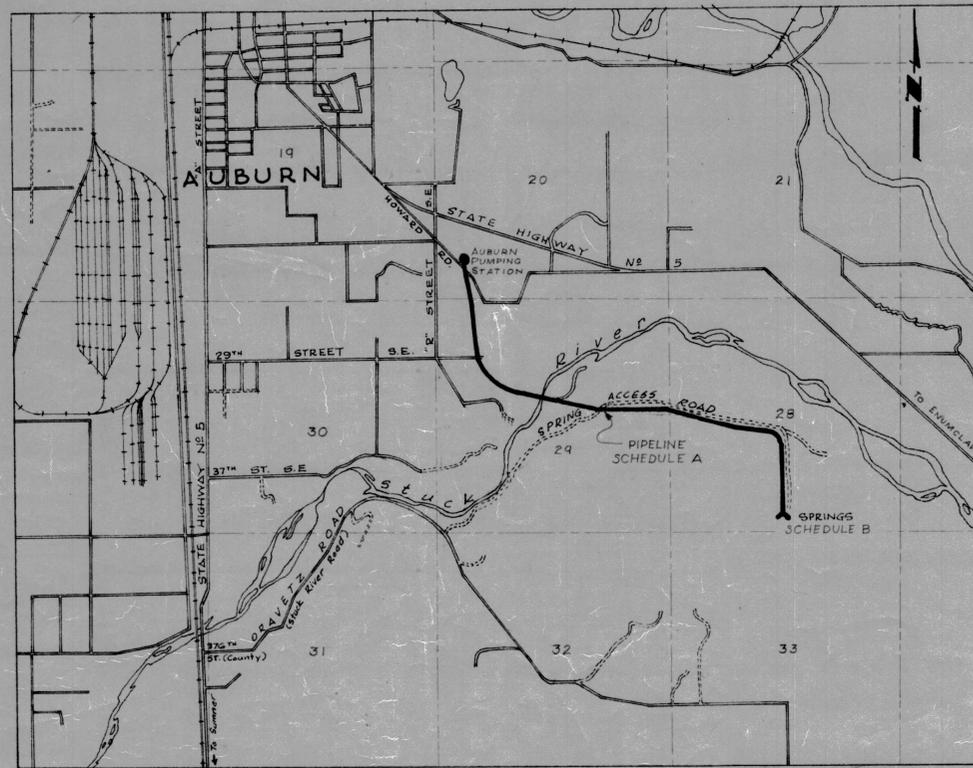


CITY OF AUBURN

PLANS AND PROFILES FOR THE

COAL CREEK PIPELINE

RICHARD E. WOLFF CONSULTING ENGINEER



R. 4 E. R. 5 E.

T. 21 N.

VICINITY MAP

SCALE: 1" = 2000'

INDEX TO DRAWINGS

PIPELINE CONSTRUCTION - SCHEDULE A

STA 93+00 TO STA 115+78	SHEET 2
STA 65+00 TO STA 93+00	SHEET 3
STA 37+00 TO STA 65+00	SHEET 4
STA 9+00 TO STA 37+00	SHEET 5
STA -2+25 TO STA 9+00	SHEET 6
DETAILS, PIPELINE & AIR VACUUM VALVES	SHEET 8

SPRING DEVELOPMENT - SCHEDULE B

UPPER COLLECTOR	SHEET 6
LOWER COLLECTOR & DETAILS	SHEET 7

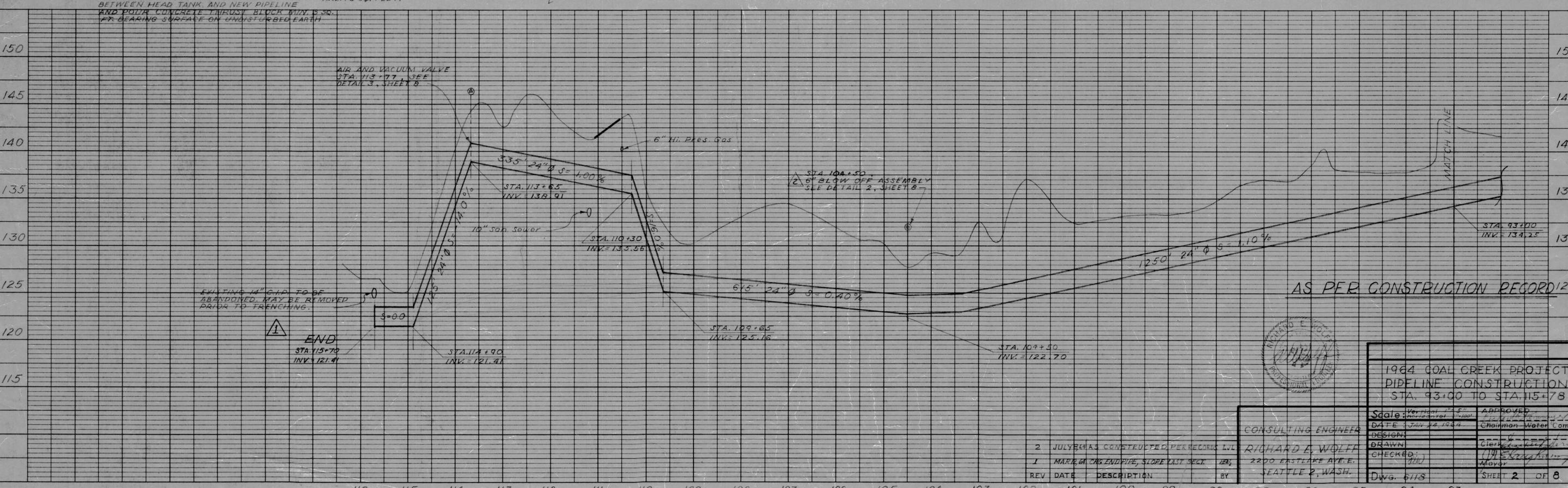
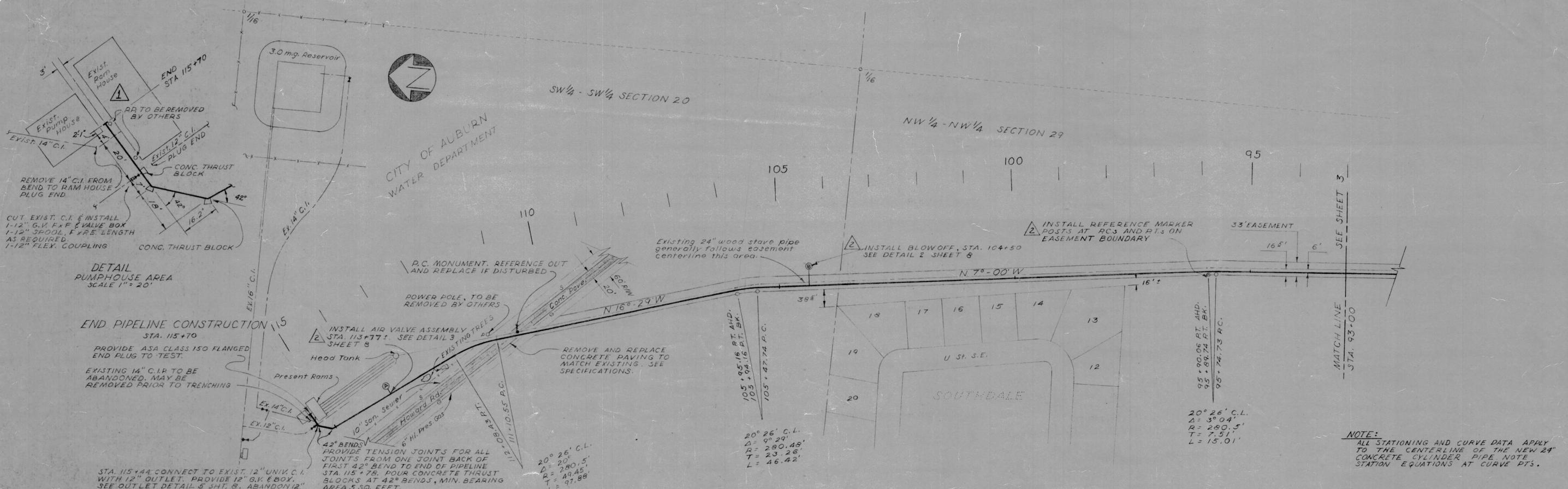
CITY COUNCIL

J.N. Shaughnessy Mayor

George Aaby	Dick Kammeyer
Ken Fitzsimmons	Ted Lea
Bob Gaines	Ray Sonnemann
Charles Hough	

AS PER CONSTRUCTION RECORD

1728



REV	DATE	DESCRIPTION	BY
2	JULY 84	AS CONSTRUCTED PER RECORDS	LVL
1	MAR 84	CHG END PIPE, SLOPE LAST SECT.	MB

CONSULTING ENGINEER
RICHARD E. WOLFF
 2200 EASTLAKE AVE. E.
 SEATTLE 2, WASH.

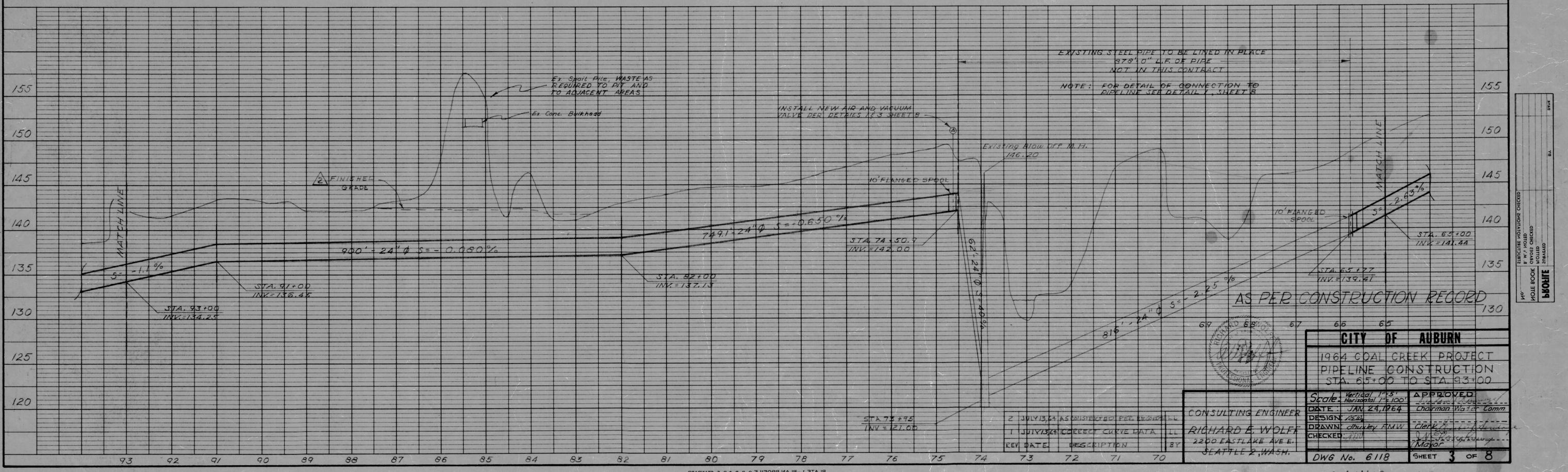
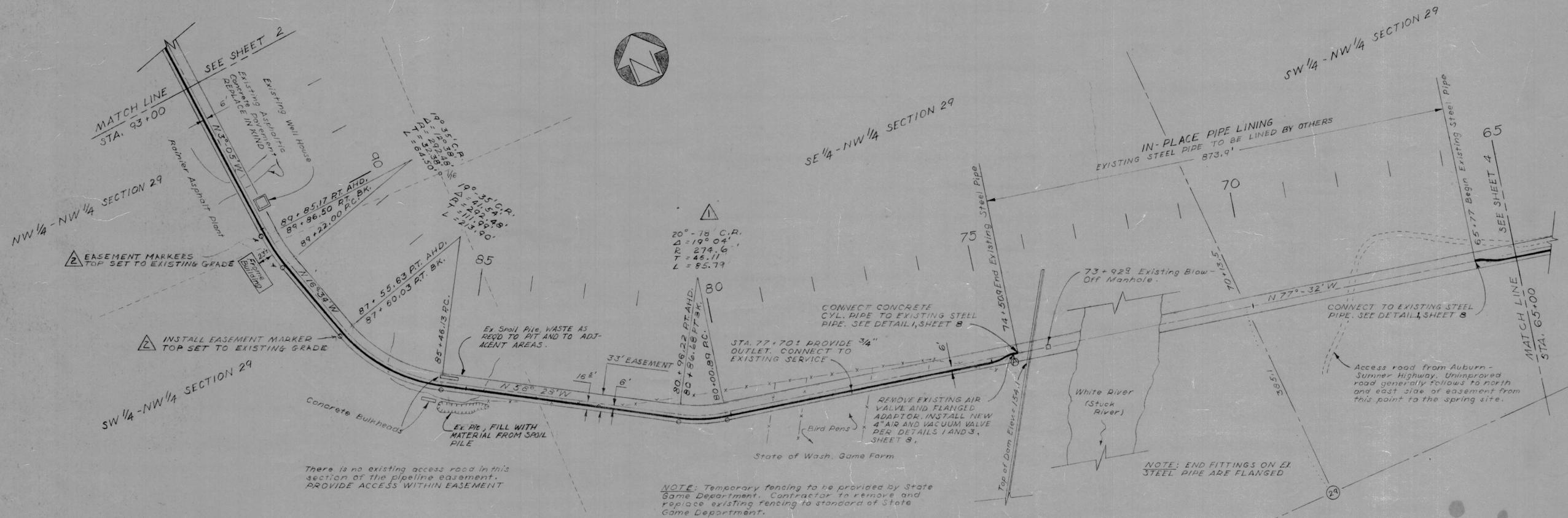
1984 GOAL CREEK PROJECT
PIPELINE CONSTRUCTION
STA. 93+00 TO STA. 115+78

Scale: Vertical 1" = 5'
 DATE: Jan 24, 1984
 DESIGN: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]
 DWG. 6118

APPROVED: [Signature]
 Chairman - Water Comm.
 Clerk: [Signature]
 Mayor: [Signature]
 SHEET 2 OF 8

IN CHARGE CHECKED
 MOLE BOOK INITIALS CHECKED
 MOLE BOOK INITIALS CHECKED
 MOLE BOOK INITIALS CHECKED
 MOLE BOOK INITIALS CHECKED

ENGINE REVIEWED CHECKED
 MOLE BOOK INITIALS CHECKED
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REV.	DATE	DESCRIPTION	BY
2	JULY 13, 64	AS CONSTRUCTED PER RECORD	LL
1	JULY 13, 64	CORRECT CURVE DATA	LL

CONSULTING ENGINEER
RICHARD E. WOLFF
 2200 EASTLAKE AVE. E.
 SEATTLE 2, WASH.

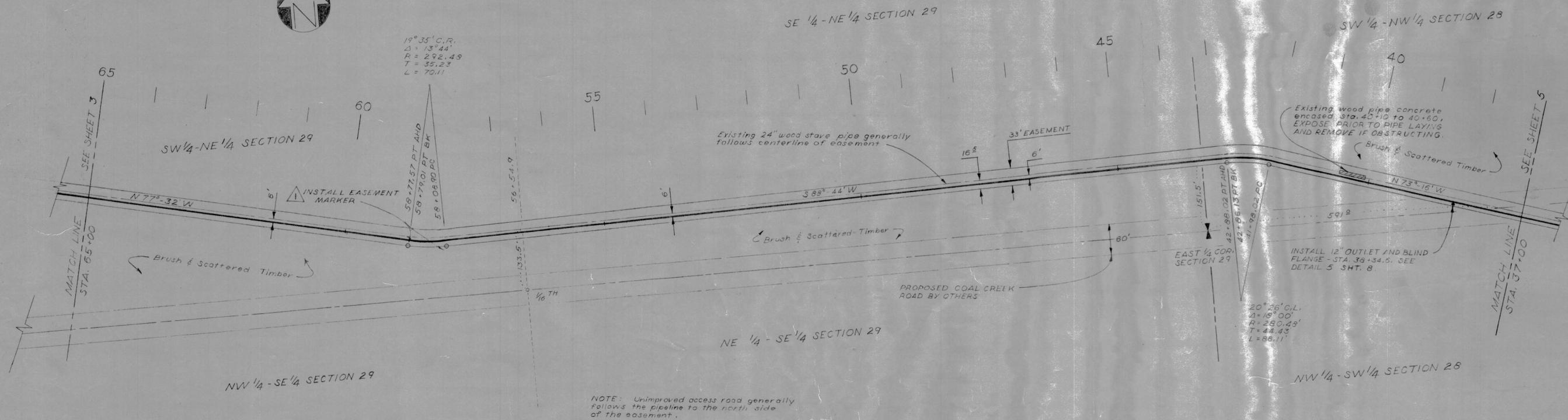
CITY OF AUBURN
 1964 GOAL CREEK PROJECT
 PIPELINE CONSTRUCTION
 STA. 65+00 TO STA. 93+00

APPROVED
 Chairman Water Comm
 Mayor

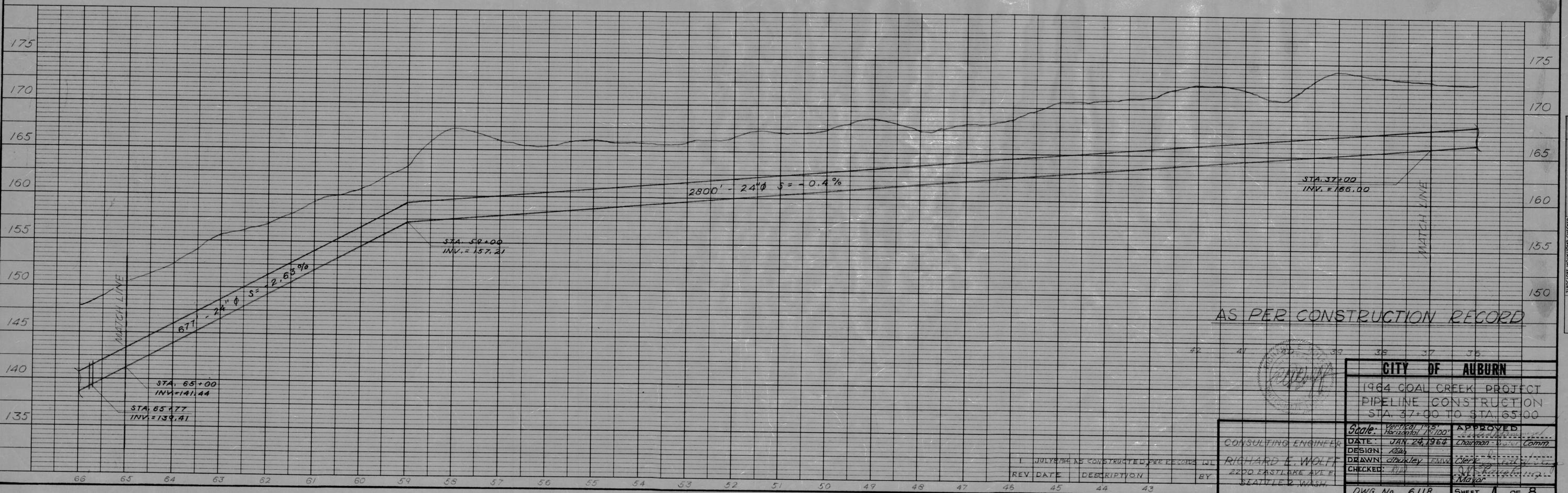
DWG No. 6118 SHEET 3 OF 8

NO. _____ DATE _____
 BY _____
 CHECKED _____
 APPROVED _____

NO. _____ DATE _____
 BY _____
 CHECKED _____
 APPROVED _____



NOTE: Unimproved access road generally follows the pipeline to the north side of the easement.



REV. DATE	DESCRIPTION	BY
1 JULY 1964	AS CONSTRUCTED PER RECORDS	WL

CONSULTING ENGINEER
RICHARD E. WOLFF
 2200 EASTLAKE AVE. E.
 SEATTLE 2, WASH.

CITY OF AUBURN
 1964 COAL CREEK PROJECT
 PIPELINE CONSTRUCTION
 STA. 37+00 TO STA. 65+00

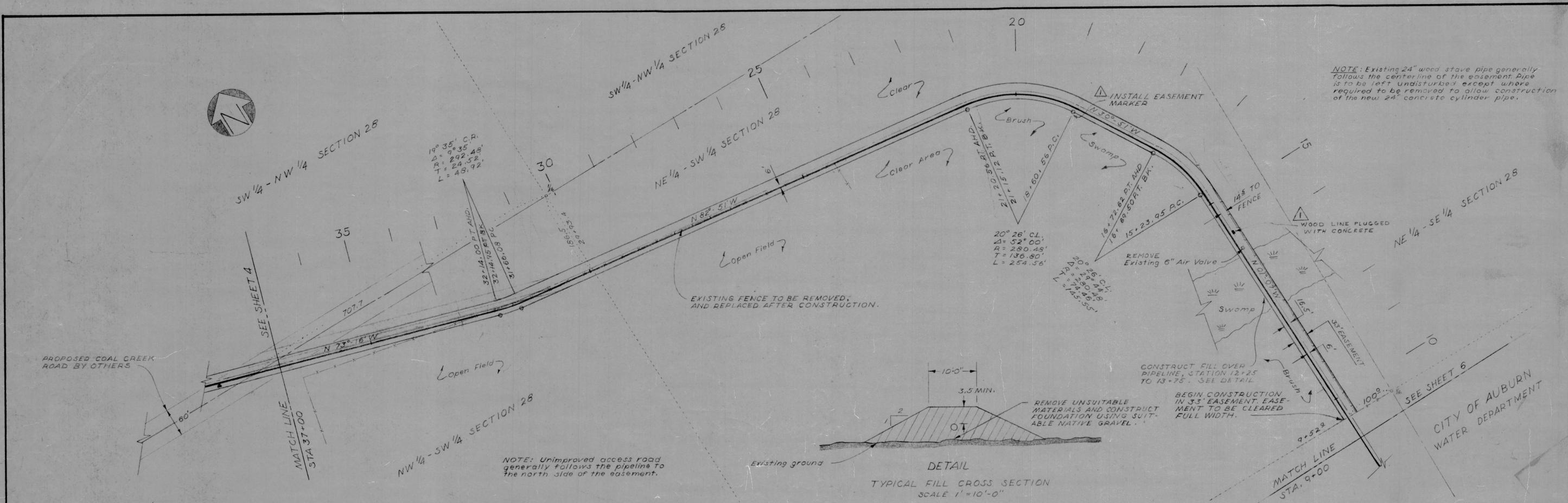
Scale: Vertical 1" = 5'
 Horizontal 1" = 100'

DATE: JAN. 24, 1964
 DESIGN: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

APPROVED
 Chairman - [Signature]
 Major - [Signature]

DWG. No. 6118 SHEET 4 OF 8

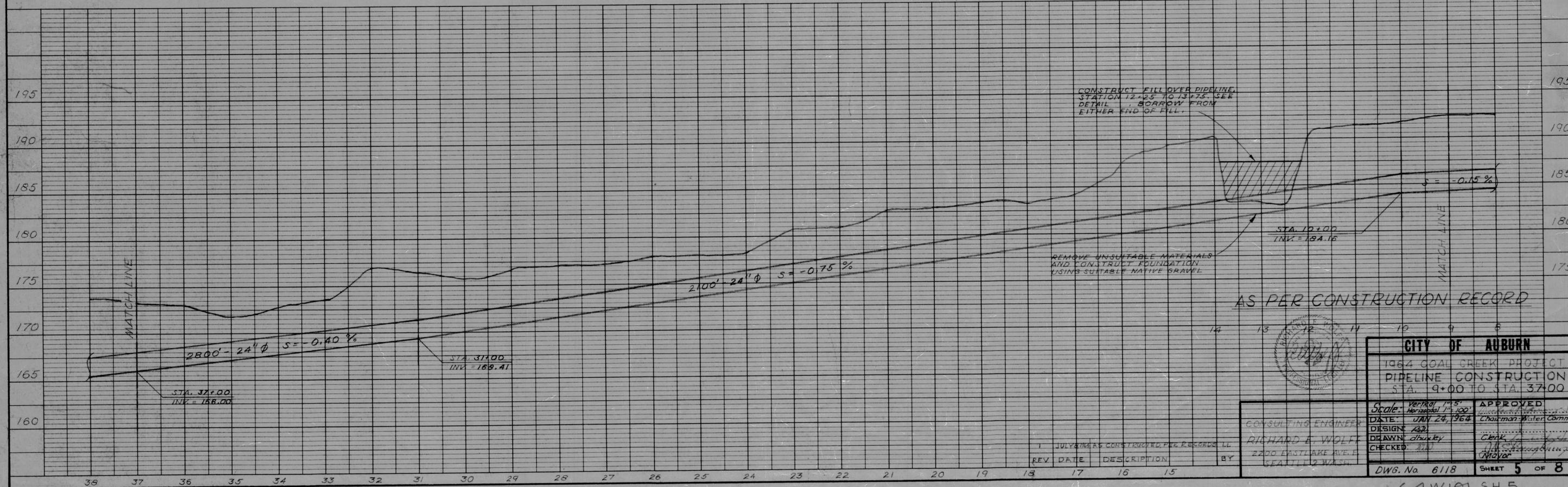
64W101SH4
 1728



NOTE: Existing 24" wood stave pipe generally follows the center line of the easement. Pipe is to be left undisturbed except where required to be removed to allow construction of the new 24" concrete cylinder pipe.

NOTE: Unimproved access road generally follows the pipeline to the north side of the easement.

TYPICAL FILL CROSS SECTION SCALE 1" = 10'-0"



AS PER CONSTRUCTION RECORD

CITY OF AUBURN	
1964 GOAL CREEK PROJECT PIPELINE CONSTRUCTION S.A. 9+00 TO STA 37+00	
Scale: Vertical 1" = 5' Horizontal 1" = 100'	APPROVED
DATE: JAN 24, 1964	Chairman Water Comm
DESIGN: [Signature]	Clerk
DRAWN: [Signature]	City Engineer
CHECKED: [Signature]	Mayor
CONSULTING ENGINEER RICHARD E. WOLFE 2200 EASTLAKE AVE. E. SEATTLE 2 WASH.	DWG. No 6118 SHEET 5 OF 8

REV	DATE	DESCRIPTION	BY
1	JULY 1965	AS CONSTRUCTED PER RECORDS	LL

NO. _____	DATE _____
BY _____	BY _____
MAILED _____	FILED _____

NO. _____	DATE _____
BY _____	BY _____
MAILED _____	FILED _____

MATCH LINE
STA. 9+00
SEE SHEET 5

SW 1/4 SECTION 28

CITY OF AUBURN
WATER DEPARTMENT

SE 1/4 SW 1/4 SECTION 28



Existing wood pipe CONC. ENCASED STA. 5+80 TO 6+10. EXPOSE PRIOR TO PIPE LAYING AND REMOVE IF OBSTRUCTING.

Existing 24" Wood Stave Pipe

Gate & Fence, REMOVE & REPLACE AS REQUIRED

VALVE MANHOLE
STA. 1+75 SEE DETAIL 2 SHT. 7

Existing 24" Wood Stave Pipe, REMOVE AS REQUIRED TO ALLOW INSTALLATION OF NEW 24" CONC. CYL. PIPE.

OVERFLOW MANHOLE AND OUTLET STRUCTURE
SEE DETAIL 3 SHT. 7

OVERFLOW MANHOLE

END PIPELINE CONST.
STA. -2+25

BEGIN SPRING COLLECTOR
STA. 0+00

Existing cleared Access Both Sides Of Fence
US 5

UPPER SPRING COLLECTOR
SEE DETAIL 1, THIS SHEET

MH-2

15" PERF. CONC. PIPE (300 G.R.M.)

MH-1

15" CONCRETE PIPE

LOWER SPRING COLLECTOR

SEE PROFILE THIS SHEET, DETAIL 1 SHEET 7

SPRING OUTCROP (3000 G.R.M.)

FILL IN CREEK AND GRADE SURFACE TO DRAIN NORTH.

NOTE: FOOTAGE OF PERFORATED CONC. PIPE AT SPRING OUTCROPS TO BE DETERMINED IN THE FIELD. BACKFILL PERFORATED PIPE WITH PEA GRAVEL PER DETAIL THIS SHEET.

Watershed fence

US 10

END COLLECTOR
STA-US 14+50

PLUG END

8" PERFORATED CONCRETE PIPE

INSTALL 8" PERF. CONCRETE PIPE IN EACH SPRING CHANNEL AT LEVEL OF COLLECTOR

NOTE:
1. CONSTRUCT TIGHT DIKE ALONG CREEK CHANNEL TO CONFINED PEA GRAVEL.
2. PLACE 6" DEPTH PEA GRAVEL.
3. PLACE PERF. TILE AND COVER WITH 6" PEA GRAVEL.
4. COVER FILTER WITH PVC AND BACKFILL TO ADJ. GROUND.

VARIABLE 4' TO 10'

SLOPE TO DRAIN 1%

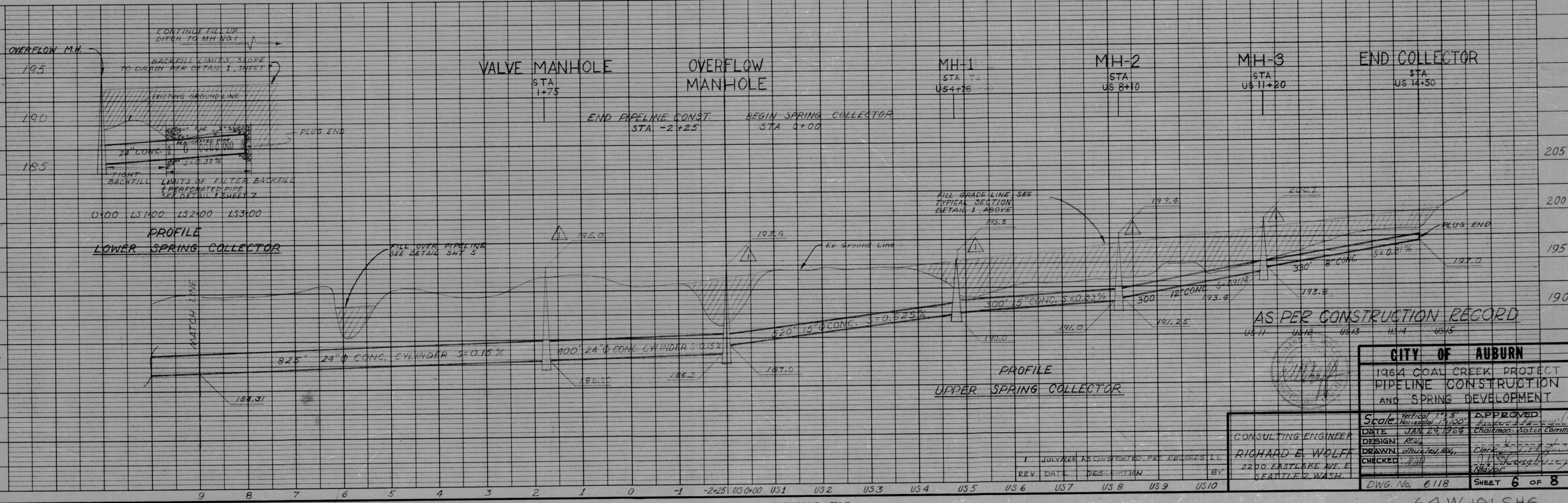
Natural Ground

PLASTIC MEMBRANE AT LEAST 12" EACH SIDE OF FILTER

NOTE: FILTER MATERIAL IS TO EXTEND FROM PIPE TO POINT OF SUITABLE SPRING OUTCROPPING AND TO A POINT AS HIGH AS THE TOP OF THE EXPOSED SPRING OUTCROP.



DETAIL 1
TYPICAL SECTION - UPPER SPRING COLLECTOR
N.T.S.



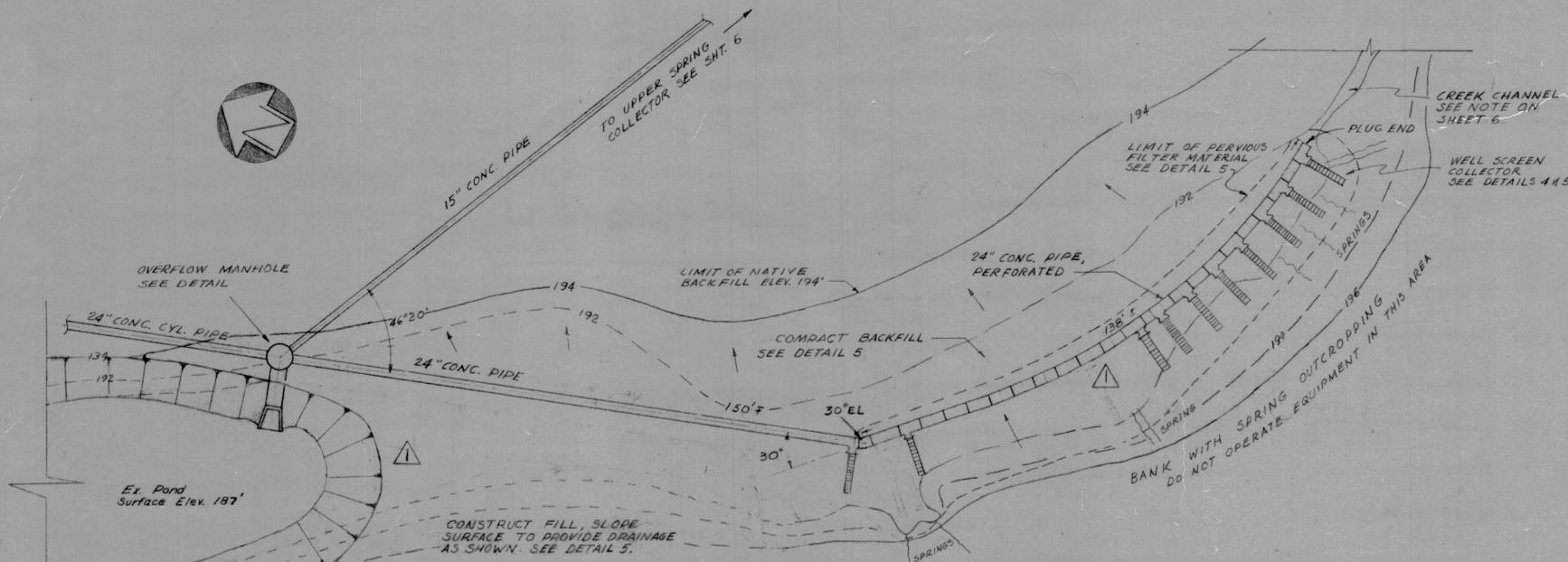
AS PER CONSTRUCTION RECORD

<p>CITY OF AUBURN 1964 GOAL CREEK PROJECT PIPELINE CONSTRUCTION AND SPRING DEVELOPMENT</p>		<p>Scale: Vertical 1"=5', Horizontal 1"=100'</p>	<p>APPROVED Chairman, Water Comm.</p>
		<p>DATE: JAN 24, 1964</p>	<p>DESIGN: R.W.</p>
<p>CONSULTING ENGINEER RICHARD E. WOLFF 2200 EASTLAKE AVE. E SEATTLE 2, WASH.</p>		<p>DRAWN: Clark, Lay, etc.</p>	<p>CHECKED: [Signature]</p>
<p>DWG. No. 6118</p>		<p>SHEET 6 OF 8</p>	

NO. 101
HOLE BOOK
MATERIAL CHECKED
BY: [Signature]

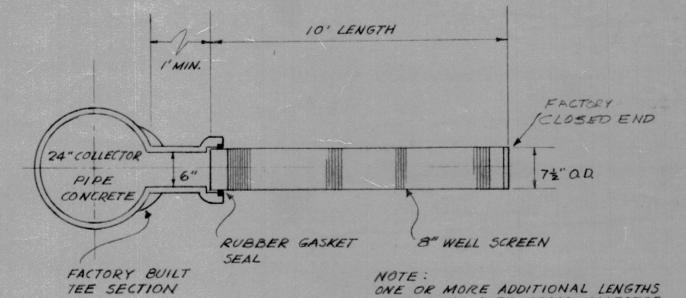
NO. 101
HOLE BOOK
MATERIAL CHECKED
BY: [Signature]

64 W 101 SHS
1728

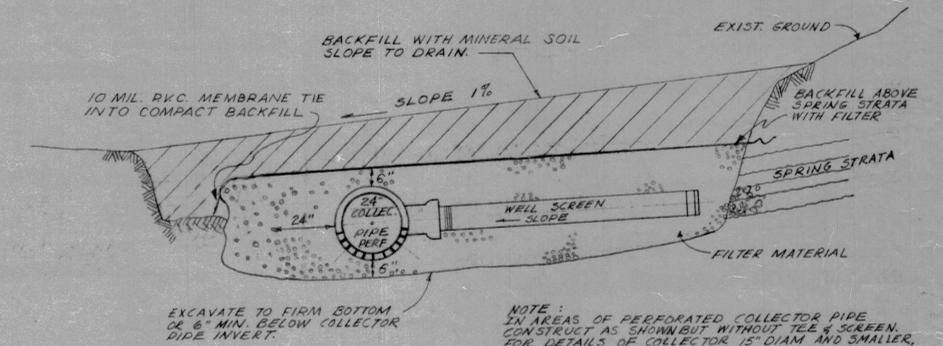


DETAIL-1
LOWER SPRING COLLECTOR & PIPING LAYOUT
SCALE 1" = 20'

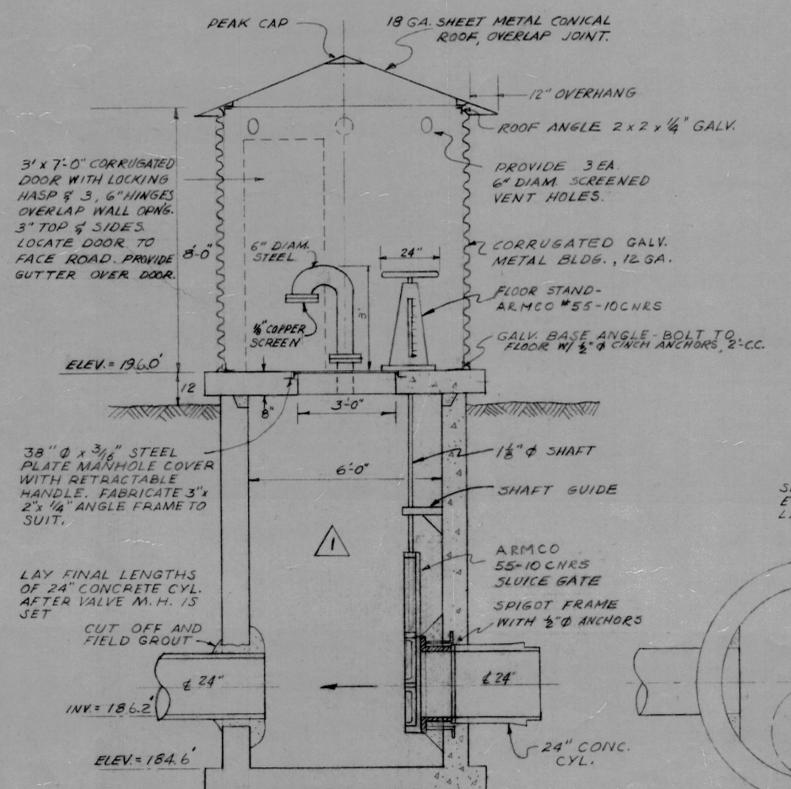
- LEGEND**
- 194 — FINISH CONTOUR
 - - - 192 — EXISTING CONTOUR
 - ▨▨▨▨▨ TOP OF FILL SLOPE
 - - - - - LIMIT OF FILTER
 - SURFACE DRAINAGE



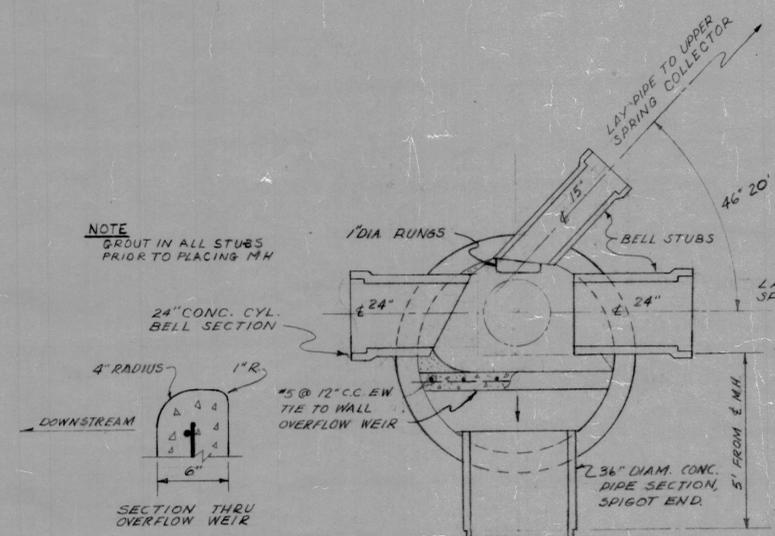
DETAIL-4
WELL SCREEN CONNECTION TO COLLECTOR PIPE
N.T.S.



DETAIL-5
TYPICAL LOWER SPRING COLLECTOR
N.T.S.

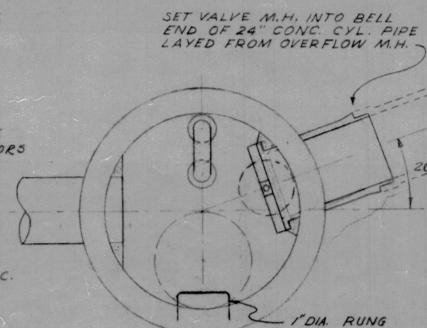


DETAIL-2
VALVE MANHOLE & SEDIMENT TRAP
SCALE 3/8" = 1'-0"

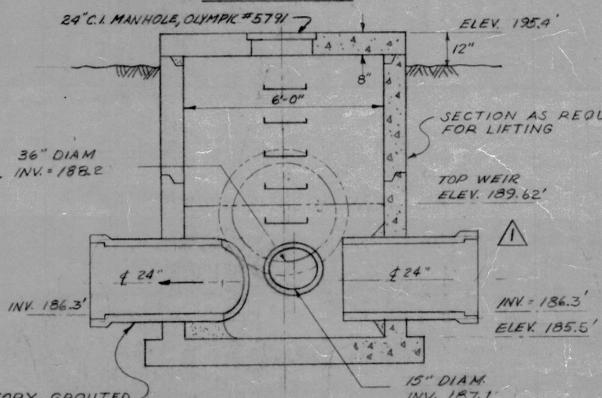


NOTE
GROUT IN ALL STUBS PRIOR TO PLACING M.H.

SECTION

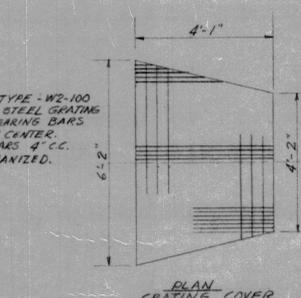


SECTION THRU VALVE MANHOLE

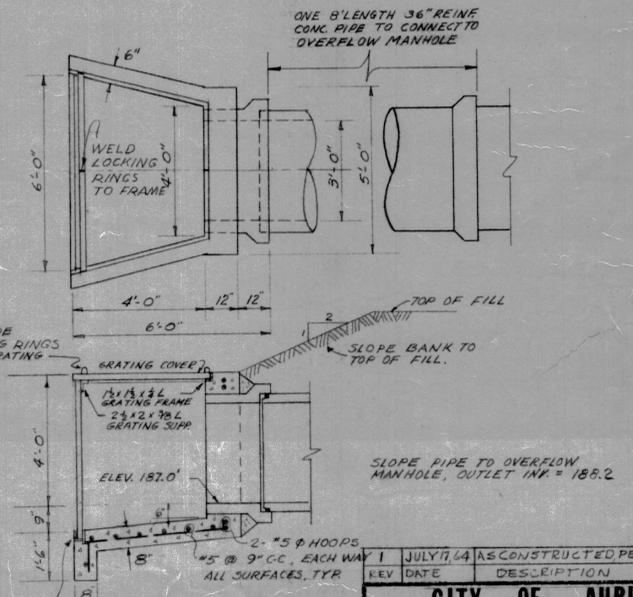


DETAIL-3
OVERFLOW MANHOLE
SCALE 3/8" = 1'-0"

AS PER CONSTRUCTION RECORD



PLAN GRATING COVER



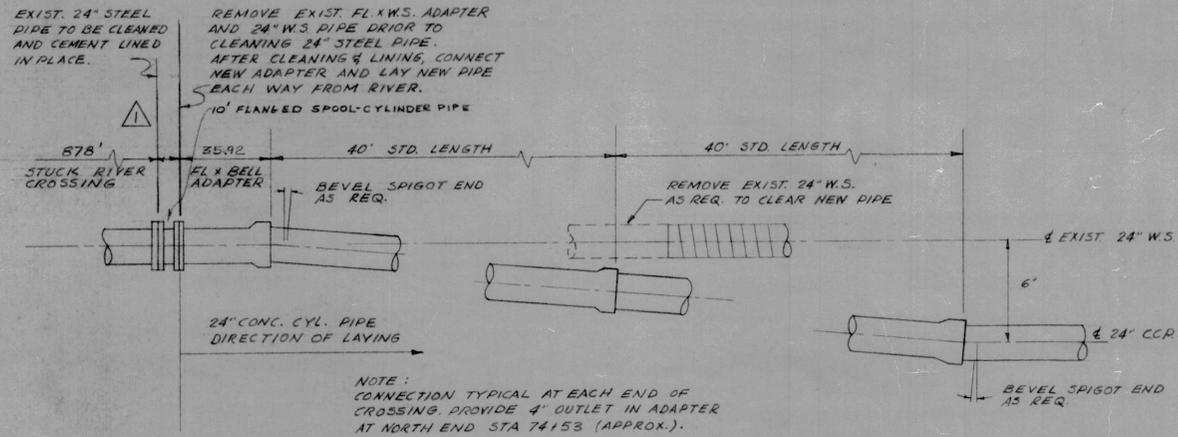
DETAIL-6
OVERFLOW MANHOLE OUTLET STRUCTURE
SCALE 3/8" = 1'-0"

REV	DATE	DESCRIPTION	BY
1	JULY 14, 1964	AS CONSTRUCTED PER RECORDS	LL

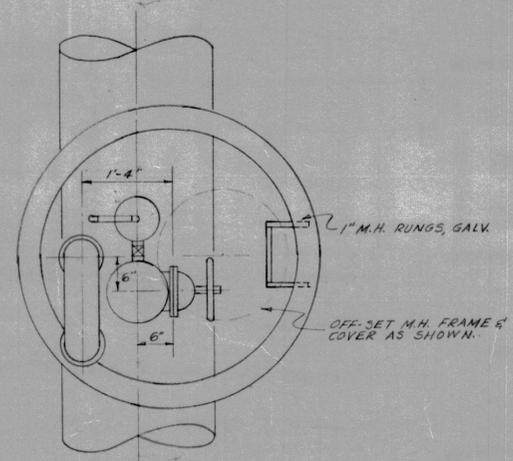
CITY OF AUBURN
1964 COAL CREEK PROJECT
DETAILS
VALVE MANHOLE & SPRINGS

Scale: as noted	APPROVED
DATE: JAN. 24, 1964	Chairman - Sewer Comm.
DESIGN: R.E.W.	
DRAWN: [Signature]	Clerk
CHECKED: [Signature]	Mayor
DWG. No. 6118	SHEET 7 OF 8

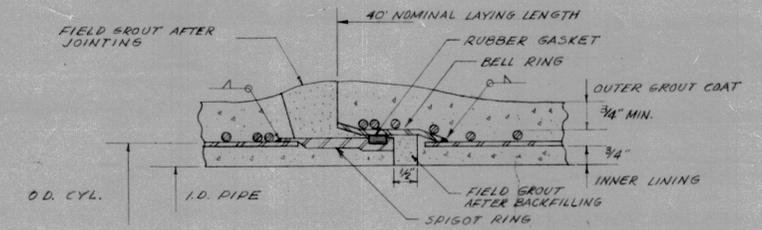
RICHARD E. WOLFF
CONSULTING ENGINEER
2200 EASTLAKE AVE. E.
SEATTLE 2, WASH.



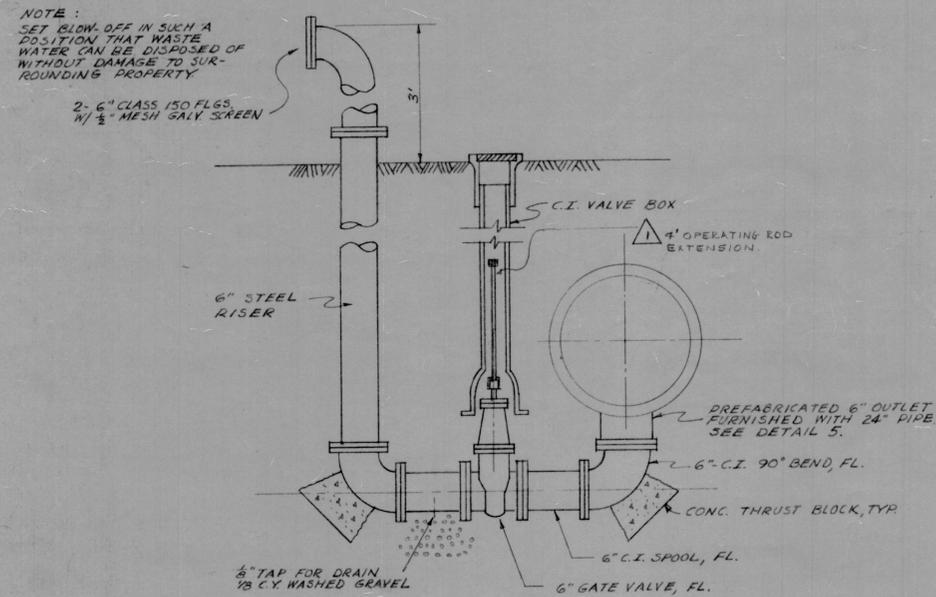
DETAIL-1
CONNECTION TO EXISTING STEEL
PIPE UNDER STUCK RIVER
N.T.S.



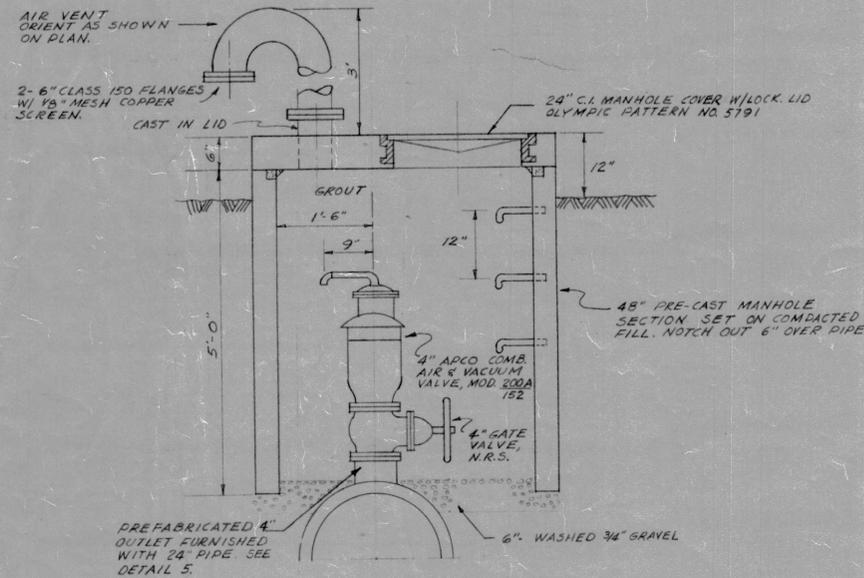
SECTION



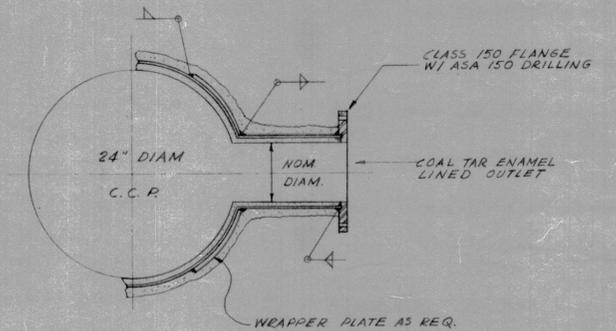
DETAIL-4
TYPICAL CONCRETE CYLINDER PIPE
JOINT & FIELD GROUTING
N.T.S.



DETAIL-2
6" BLOW-OFF ASSEMBLY
SCALE 3/4" = 1'-0"

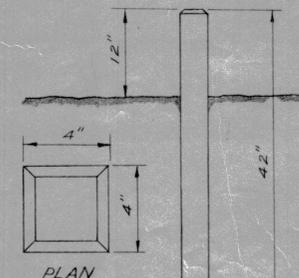


DETAIL-3
AIR & VACUUM VALVE
TYPICAL INSTALLATION
STA 74+53 AND STA 113+65 (APPROX.)
SCALE 3/4" = 1'-0"



APPROX. STATION	SIZE	DESCRIPTION
35+34.6	12"	FUTURE CONN. (BLIND FL.)
74+53	4"	AIR & VAC. VALVE
104+50	6"	BLOW-OFF
113+77	4"	AIR & VAC. VALVE
115+44	12"	BY-PASS AT PUMPHOUSE

DETAIL-5
PREFABRICATED OUTLET
N.T.S.



DETAIL-6
REINFORCED CONCRETE EASEMENT MARKER
N.T.S.

AS PER CONSTRUCTION RECORD



CITY OF AUBURN	
1964 COAL CREEK PROJECT DETAILS PIPELINE CONSTRUCTION	
Scale: as noted	APPROVED
DATE: JAN 24, 1964	<i>[Signature]</i>
DESIGN: <i>[Signature]</i>	<i>[Signature]</i>
DRAWN: <i>[Signature]</i>	<i>[Signature]</i>
CHECKED: <i>[Signature]</i>	<i>[Signature]</i>
CONSULTING ENGINEER RICHARD E. WOLFF 2200 EASTLAKE AVE E SEATTLE 2, WASH	DWG. No. 6118

REV	DATE	DESCRIPTION	BY
1	7-15-64	AS CONSTRUCTED, PER RECORDS	