



Public Works Department – Engineering Division

March 29, 2024

ADDENDUM NO. 1

PROJECT 8336 AMERICANA PARK BYPASS CHANNEL

NOTICE TO BIDDERS:

The following clarifications, amendments, additions and/or deletions as set forth herein shall apply to the above project contract documents and shall be made a part thereof and shall be subject to all the requirements thereof as though originally specified and/or shown. Submitters shall assure themselves that all addendum changes have been incorporated into their proposal.

A. ADDITIONS/DELETIONS

1. **Replace** the Bid Schedule – Attachment A
2. **Replace** the following Plans/Specifications:
 - a. Sheet C-3 and C-4 – Add a 20" Butterfly Valve – Attachment B
 - b. Special Provisions Section 10-1.00 Measurement and Payment, Bid Item No. 12 and 13 – Attachment C
3. As-Builts for City 20" Waterline – Attachment D

B. CLARIFICATIONS

Please be advised of the following clarifications to the contract documents:

1. The rate to apply compost is given under section 10-1.21 Erosion Control, but is there a desired depth to which this compost needs to be applied?

Response: Contractor shall assume with the application rate there will be an approximate depth between 2" to 4".

2. Is there a PLA or PSA associated with this Project?

Response: A PLA/PSA is required when a project is greater than one million dollars. The engineers estimate for this project is \$600,000, therefore a PLA/PSA is not anticipated for this project.

3. Will the Contractor be responsible for obtaining any construction-related permits from the City (such as building permit or grading permit)?

Response: Correct, it is the responsibility of the Contractor to obtain the permits from the City. The Project manager will assist through the process. For

clarification purposes, this project requires an encroachment permit at a no-fee cost, and Construction Water Application permit at the contractor's cost.

4. Drawing C-4, Note 3 states that the existing 15-inch and 20-inch waterlines can be shut down for up to 8 hours. Please clarify if multiple shutdown periods of up to 8-hours each shutdown event are allowed, or if the 8-hour limit is the cumulative allowable shutdown duration of the project.

Response: The City will allow for a 48-hour limit for the water shutdown.

5. Please provide as-built drawings for the 15-inch and 20-inch water lines showing the location of the nearest existing isolation valves on both sides of the work area, if available.

Response: Attachment D has been attached for the 20-inch water line showing location of the nearest valves. The contractor shall pothole and confirm location.

The 15-inch waterline is assumed to be live, and no as-builts are available for the privately owned waterline.

6. Does Hydrostatic pressure testing and flushing of the 15-inch and 20-inch waterlines need to be performed after the new segments are connected to the existing pipelines, or is pressure testing and flushing to be performed prior to connection to the existing pipelines (i.e., the conversion couplings would not be included in the pressure test)?

Response: For clarification purposes the 15" water is not city-owned, it is privately owned by the former NRG property, now Integral Communities. The 20" city owned line has been pressured tested. The static pressure on the 20" line is 70 psi.

7. Please confirm the location of the two 20-inch butterfly valves. Drawing C-4 shows only one butterfly valve on the 20-inch pipe bypass segment. Drawing P-1 shows only one butterfly valve on the site layout.

Response: Bid schedule is incorrect. There is only one 20-inch butterfly valve. However, upon further inspection, the City would like to add one more 20-inch valve as shown on the revised sheet C-3 and C-4. Refer to attachment B.

8. Please provide details for installation of the 20-inch butterfly valve shown on Drawing P-1.

Response: Contractor shall install the 20" butterfly valve per city standard details and standard specifications.

The link to our City Standard Details and Standard Specifications is:

<https://www.pittsburgca.gov/how-do-i/get-building-permit-zoning-info/obtain-city-standard-details-and-specifications>

9. Please specify the water line operating pressure for purposes of hydrostatic testing.

Response: Refer to the response to question 6.

10. Will the City or the Contractor be responsible for providing the Designated Biologist and Qualified Biological Monitoring oversight required by the CDFW permit?

Response: Yes the City shall provide the designated biologist and qualified biological monitoring required by the CDFW.

11. Drawing C-2 shows RSP fabric beneath the RSP layer. The CDFW permit (Streambed Alteration Agreement), paragraph 2.15, states that no geotextile fabric is permitted for installation in the project. Please confirm that the RSP fabric is to be installed as shown in the drawings and Special Provisions.

Response: Contractor shall assume a filter fabric is required for the project.

12. Please confirm that green waste (i.e., remove trees) are to be disposed of at an offsite facility.

Response: Yes, green waste shall be disposed of at an offsite facility.

13. Drawing C-3 calls out removal of trees sized at 4-inch, 6-inch, and 12-inch diameter. Based on the pre-bid site visit, it appears that these trees are considerably larger than shown on the drawings. Please confirm the removal of the existing tree sizes.

Response: The tree sizes are assumed to be greater than 12" - 48", with a total of 5 trees to be removed. See Appendix A for revised Bid Schedule.

14. Special Provisions Section 10-1.00 Measurement and Payment, Bid Item Nos. 12 and 13 describe installation of ductile iron pipe for relocation of the waterlines. The Drawings show installation of C-900 PVC pipe for the 15-inch and 20-inch water line relocation. Please indicate where ductile iron pipe is to be installed.

Response: The drawings are correct. The specifications have been revised, see Attachment C.

15. During the site walk, Marina mentioned that there could potentially be an existing abandoned pipe located in the footprint of the job. The city is about 70% certain

that the pipe is not there. However, if the contractor does find that there is still a pipe within the footprint, how would payment be quantified and what would be the scope of work to cap that and abandon it?

Response: The City is not aware of an abandoned pipe. If unforeseen conditions arise, the City will determine the method of scope and payment at that time.

16. The specs state that the contractor has an 8-hour window to have existing 20" and 15" water lines shut off to relocate the pipes. Is this 8-hour window referring to both pipes in the same window, or 8 hours per pipe (2 days)? Does the city intend to turn on that water immediately after relocation? This may present an issue with the curing time for concrete kickers.

Response: The City only owns the 20" AC Pipe. The 15" Waterline is a privately owned. The City allows up to 48 hours for the City line given the shutdown and isolation goes as planned and the residents are not affected otherwise the 8 hour window would still be in effect.

17. Can the contract propose alternate alignments to the 20" and 15" pipe installation by offsetting the new pipe alignment to help reduce the amount of time that the pipeline is not active.

Response: The City will allow up to 48 hours of shutdown windows. If the contractor has a means and methods that may reduce the time of construction the option shall be brought up to the City for evaluation and may be suitable to relocate.

18. Will the City allow for additional time 24-48 hours to install the pipeline rather than the 8 allowed by the contract currently?

Response: The City will allow up to 48 hours to install the pipeline.

19. Does the contractor have ability to close down The Americana Park for safety purposes as they see fit?

Response: The City has no problem with the park being closed. A plan for closure and notification for the surrounding residents should be submitted to the Project Manager for review.

20. Will the contractor be responsible for loading the city furnished RCP at the offsite location

Response: Yes, the contractor is responsible for loading the city furnished RCP at the offsite location. The contractor shall coordinate with the City to open the gate.

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21. Have any bird surveys been conducted this year and are there any species of concern that may prevent tree removal activities after bird nesting seasons?

Response: The city's biologist will be conducting a series of surveys prior to groundbreaking.

22. Have any biological surveys been conducted that show evidence of California or Federal Endangered Species living within the site or pond at Americana Park that would affect the means and method of performing the work on this project?

Response: See response to question 21.

23. What is the city's plan to dewater the pond? The flowline of the pond at the park may exceed the excavation depths required by the contract)

Response: Contractor is responsible for dewatering the pond.

24. What is the anticipated start date for the construction?

Response: The anticipated start date for the construction is May 20th.

25. Does the city have any concerns with the project having a delayed start date or activities that cannot be performed ASAP because of site constraints (Weather or Biological)?

Response: Work can begin in April. The amount of working days is 120 calendar days to complete the project from start date dependent on weather.

26. Based on my communication with vendors interested in supplying materials for this project, it has come to my attention that it is unclear whether the federal Buy America Requirements apply to this project. Can you please confirm that Buy America Requirements do apply to this project?

Response: Yes, Buy America Requirements do apply to this project.

BIDDERS MUST SIGN AND ATTACH one (1) copy of this addendum document to the proposal as acknowledgment of receipt of these instructions and that said addendum was properly evaluated in the proposal.

ANY PROPOSAL NOT IN COMPLIANCE WITH THIS ADDENDUM MAY BE REJECTED.



Issued: 03/29/24

Dayne Johnson, P.E.
Assistant City Engineer

ADDENDUM NO. 1, PROJECT 8336 AMERICANA PARK BYPASS CHANNEL is hereby acknowledged and was considered in this Project Proposal.

Bidder's Signature

Date

Firm Name

Mailing Address

City/State/Zip+4

Attachment A

Bid Schedule

Bid Schedule

This Bid Schedule must be completed in ink and included with the sealed Bid Proposal. Pricing must be provided for each Bid Item as indicated. Items marked "(SW)" are Specialty Work that must be performed by a qualified Subcontractor. The lump sum or unit cost for each item must be inclusive of all costs, whether direct or indirect, including profit and overhead. The sum of all amounts entered in the "Extended Total Amount" column must be identical to the Base Bid price entered in Section 1 of the Bid Proposal form.

AL = Allowance CF = Cubic Feet CY = Cubic Yard EA = Each LB = Pounds
 LF = Linear Foot LS = Lump Sum SF = Square Feet TON = Ton (2000 lbs)

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
1	Mobilization	1	LS	\$	\$
2	Stormwater Pollution Prevention Plan	1	LS	\$	\$
3	Construction Staking	1	LS	\$	\$
4	Excavation Safety	1	LS	\$	\$
5	Traffic Control	1	LS	\$	\$
6	Clearing and Grubbing	1	LS	\$	\$
7	ESA Fence	2356	LF	\$	\$
8	Reconstruct HMA Pathway	1765	SF	\$	\$
9	Remove Tree	5	EA	\$	\$
10	Modify Lighting System	1	LS	\$	\$
11	Modify Irrigation System	1	LS	\$	\$
12	Relocate 20-inch Waterline	206	LF	\$	\$
13	Relocate 15-inch Waterline	78	LF	\$	\$
14	20-inch Butterfly Valve	2	EA	\$	\$
15	2-inch Air Valve	1	EA	\$	\$
16	Fire Hydrant	1	EA	\$	\$
17	Channel Excavation *	4587	CY	\$	\$
18	Erosion Control	35594	SY	\$	\$
19	Class 2 Aggregate Base	92	CY	\$	\$
20	Install 72-inch Reinforced Concrete Pipe (City Furnished)	40	LF	\$	\$
21	72-inch Reinforced Concrete Pipe	40	LF	\$	\$
22	Roadside Sign	2	EA	\$	\$
23	Rock Slope Protection (CL IV)	200	CY	\$	\$
24	Rock Slope Protection Fabric	305	SY	\$	\$

BID ITEM NO.	ITEM DESCRIPTION	EST. QTY.	UNIT	UNIT COST	EXTENDED TOTAL AMOUNT
25	Reconstruct Fence (Type CL 4)	147	LF	\$	\$
26	Remove Fence (Type CL-6)	170	LF	\$	\$
27	Fence (Type CL-4)	27	LF	\$	\$
28	Fence (Type CL-6, Modified)	170	LF	\$	\$
29	CL-4 Gate (12' Wide)	2	EA	\$	\$
30	Double CL-4 Gate (16' Wide)	1	EA	\$	\$

* Final Pay Quantity

TOTAL BASE BID: Items 1 through 30 inclusive: \$ _____

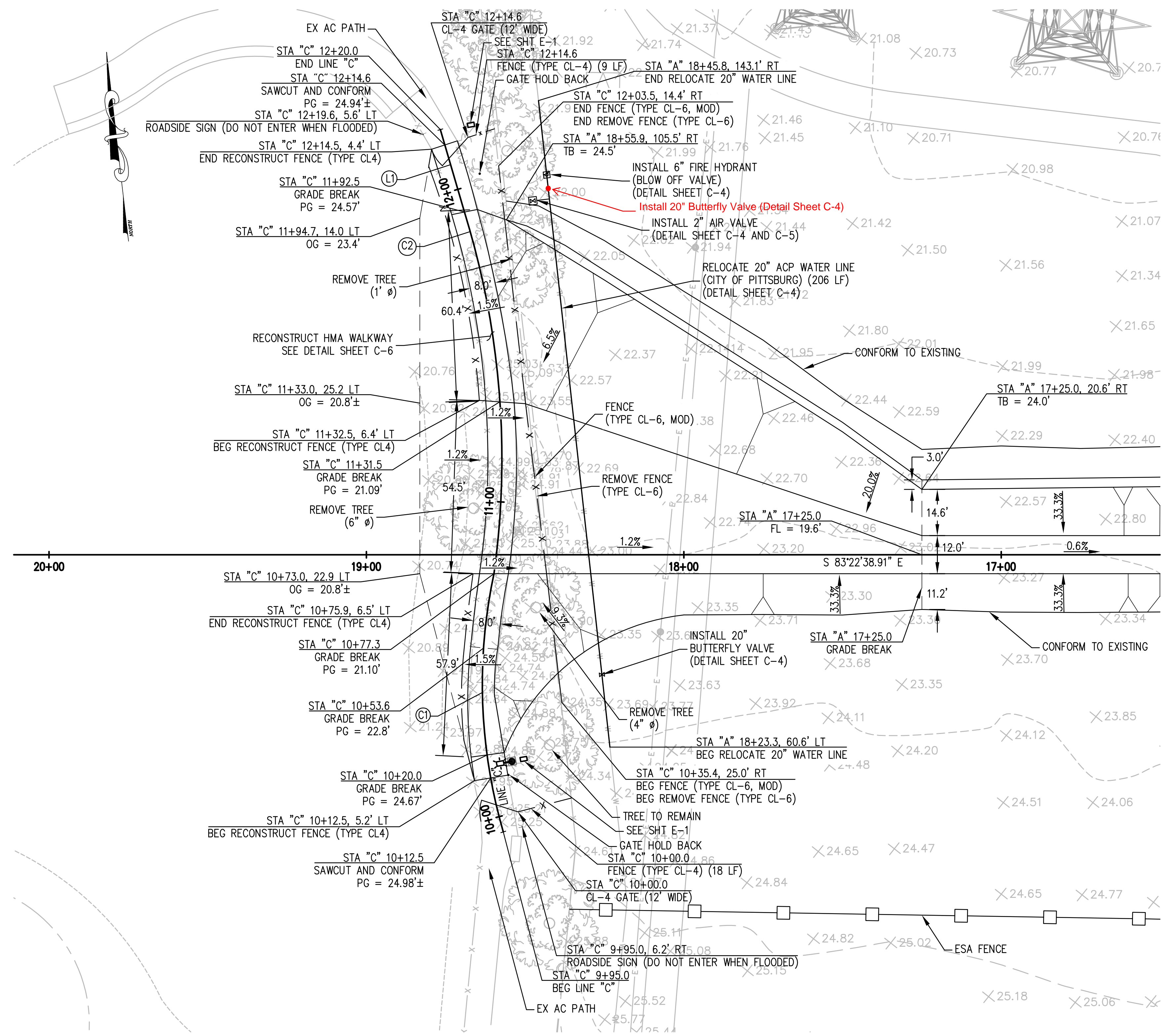
Note: The amount entered as the "Total Base Bid" should be identical to the Base Bid amount entered in Section 1 of the Bid Proposal form.

BIDDER NAME: _____

END OF BID SCHEDULE

Attachment B

Sheet C-3 and Sheet C-4 Revised



BYPASS INLET
SCALE 1"=20'

CONSTRUCTION NOTES:

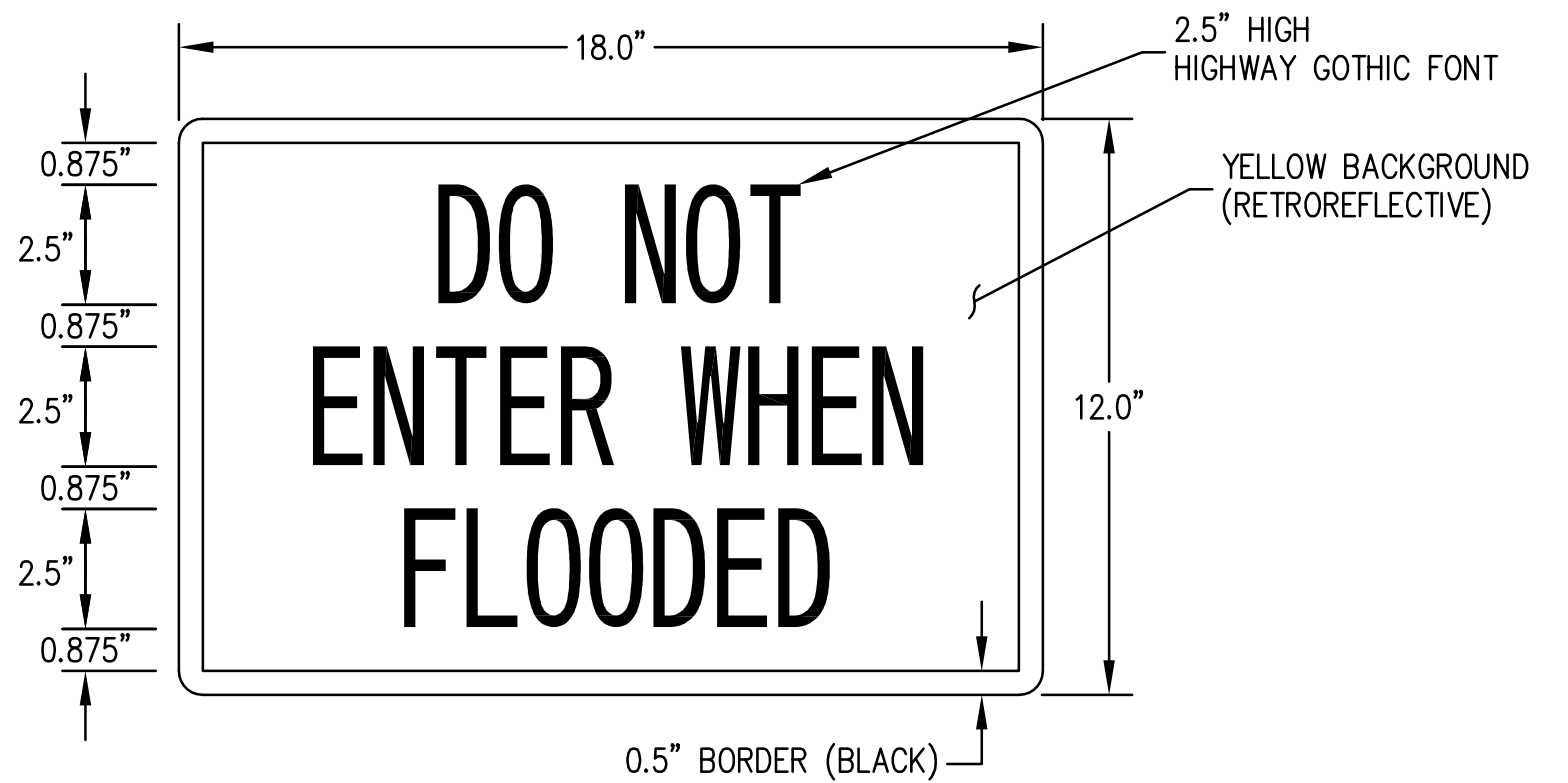
- SEE IRRIGATION DETAILS ON SHEET C-5.
- TRANSITION SLOPE FROM -1.5% TO +1.2% BETWEEN: STA "C" 10+53.6 AND STA "C" 10+77.3, STA "C" 11+31.5 AND STA "C" 11+53.

CURVE TABLE				
CURVE No.	START STATION	Δ	DISTANCE	RADIUS
"C" LINE - C1	9+95.00	28.20°	82.26	167.12
"C" LINE - C2	11+77.26	25.19°	115.28	262.20

HORIZONTAL ALIGNMENT					
LINE	START STATION	BEGIN NORTHING	BEGIN EASTING	BEARING	DISTANCE
"C" LINE - L1	11+92.54	2198997.86	6155967.56	N9°39'55.95"W	27.08

ROADSIDE SIGN NOTES:

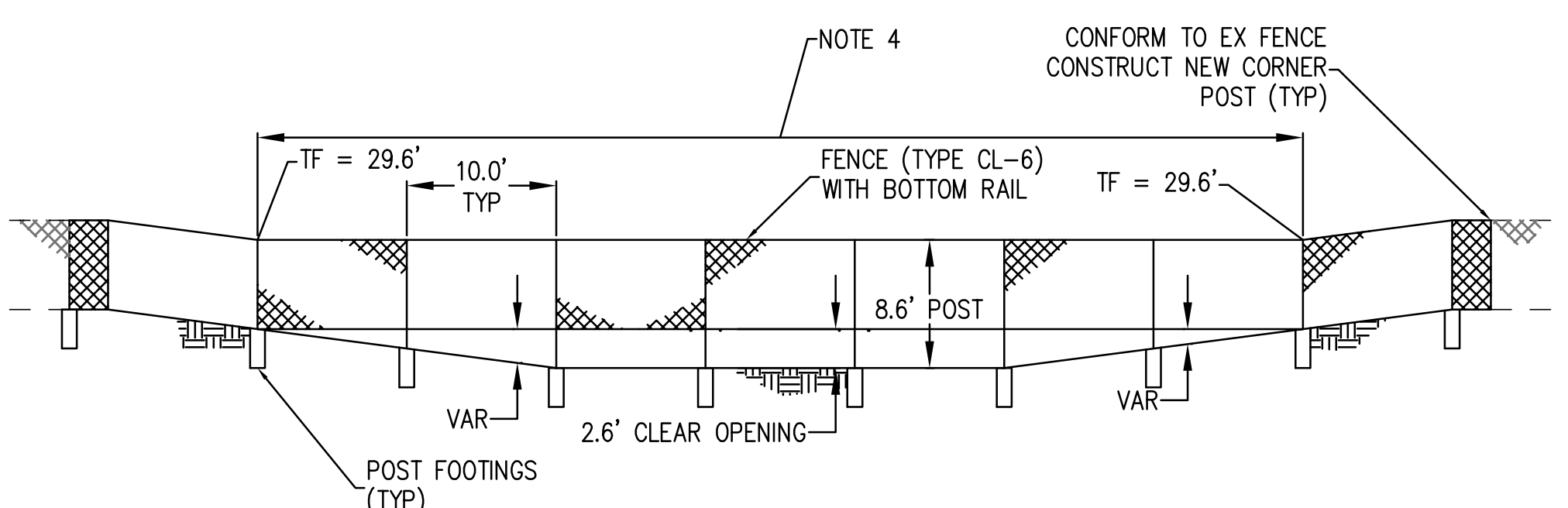
- MOUNT SIGN PANEL ON GATE PANEL (2 EA) AND ON WOOD POST, 5' HIGH (2 EA).



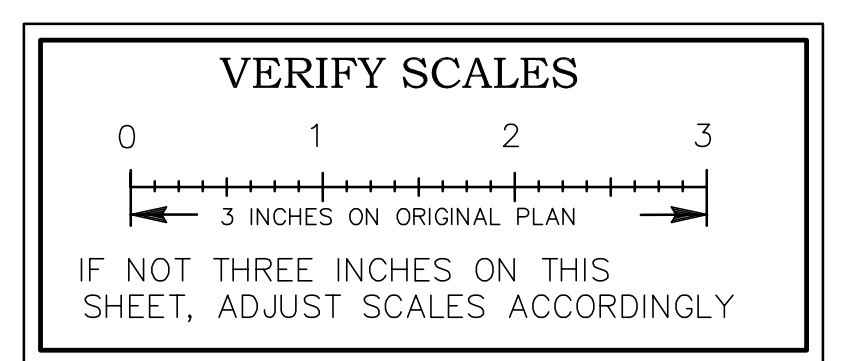
ROADSIDE SIGN (DO NOT ENTER WHEN FLOODED) DETAIL
NOT TO SCALE

RECONSTRUCT FENCE NOTES:

- FOR DETAILS NOT SHOWN, SEE STATE STANDARD PLAN A85 AND A85B.
- POST GREATER THAN 6' IN HEIGHT SHALL BE 4" STANDARD (10.8 LB/FT).
- FENCE FABRIC SHALL BE 9 GAUGE WIRE.
- FOUNDATIONS SHALL CONFORM TO THE 10' HEIGHT NON-SLATTED FENCE SIZES.



FENCE (TYPE CL-6, MOD) DETAIL
NOT TO SCALE



NO.	DATE	APPROV.	REVISION

DESIGNED: RTH
DRAWN: ESM
CHECKED: RTH
REVIEWED: RTH
DATE: 06-18-2023

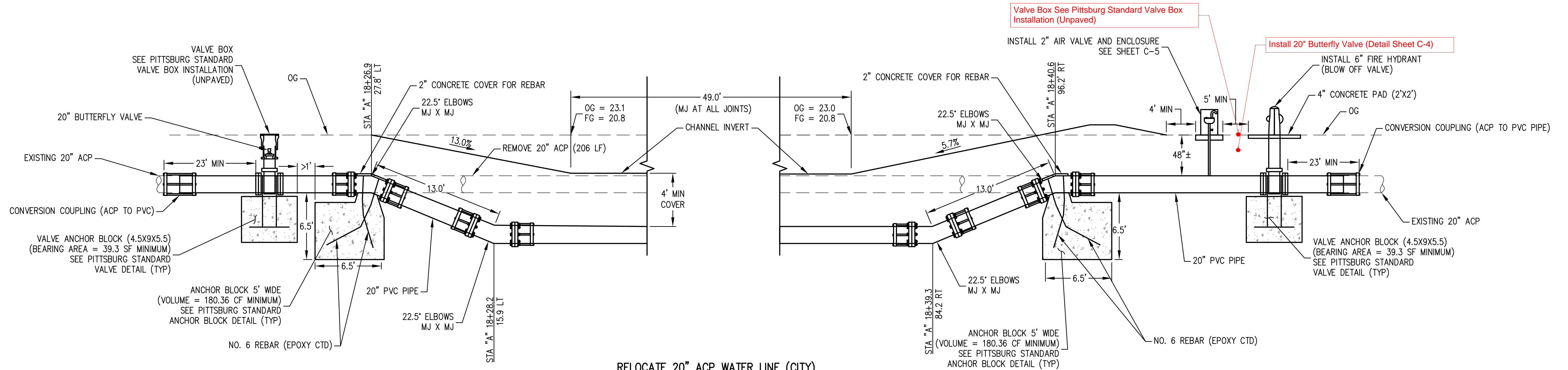
APPROVED BY:
City Engineer
Date:



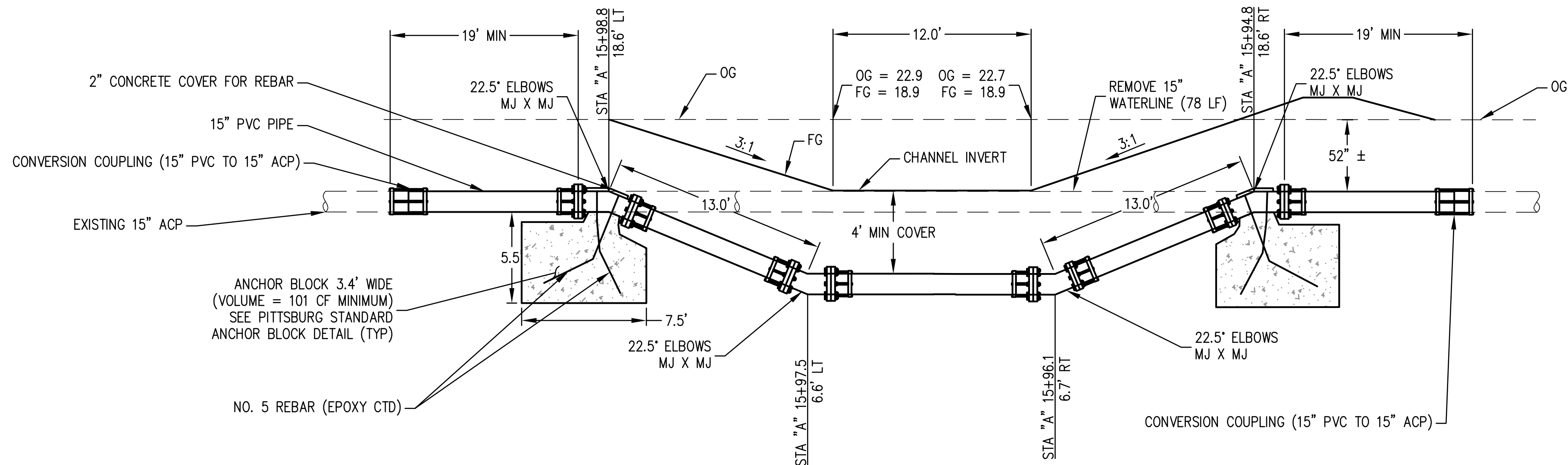
HEI HARRISON ENGINEERING INC.
1987 BONIFACIO STREET • CONCORD, CA 94520
PHONE (925) 691-0450



CITY OF PITTSBURG
AMERICANA PARK BYPASS CHANNEL
CONSTRUCTION DETAILS - SHEET C-3
SCALE: AS SHOWN
SHEET: 7 OF 11

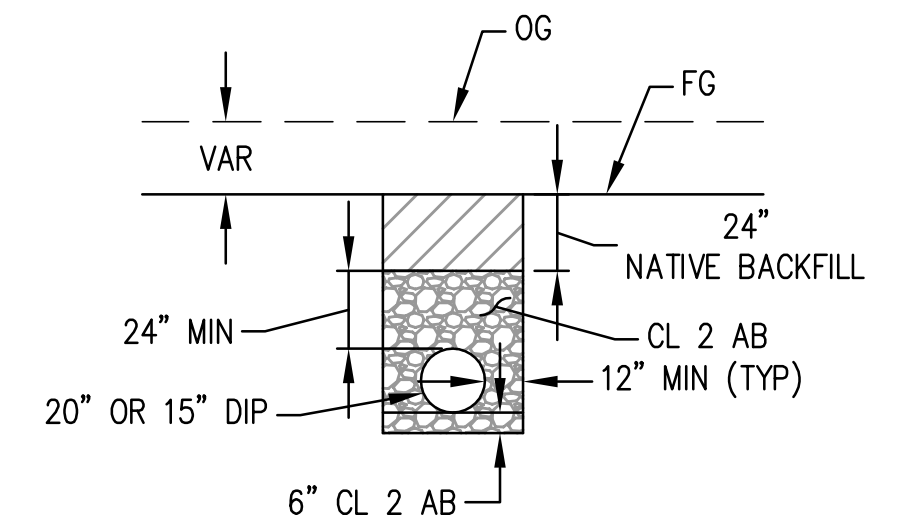


RELOCATE 20" ACP WATER LINE (CITY)
 (STA "A" 18+23.3 TO 18+45.8)
 NOT TO SCALE



RELOCATE 15" WATER LINE (POWER PLANT)
 (STA "A" 15+92.6 TO 16+01.0)
 NOT TO SCALE

- NOTES:**
- MECHANICAL JOINTS REQUIRED.
 - WRAP PIPE AND FITTING WITH POLYETHYLENE SHEETING.
 - THE 15" LINE AND THE 20" APC WATER LINE CAN BE SHUT DOWN FOR UP TO 8 HOURS. CONTRACTOR MUST COORDINATE SHUTDOWN AT LEAST 2 WEEKS IN ADVANCE OF ANY WATERLINE WORK.
 - ALL FITTINGS SHALL BE EPOXY COATED.
 - 20-INCH PVC WATERLINE SHALL BE SANITIZED.
 - WATERLINES SHALL BE PRESSURE TESTED.

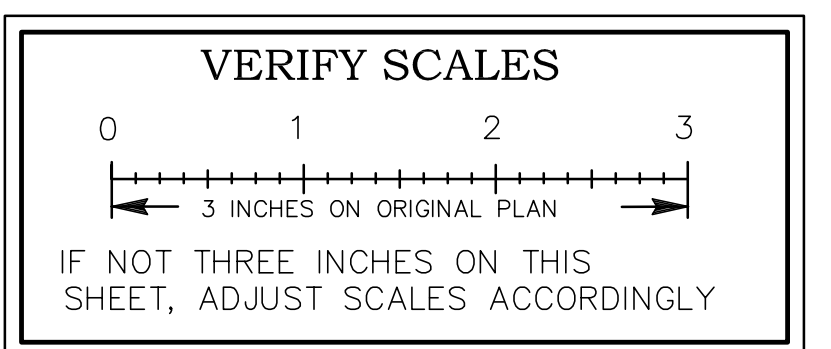


TRENCH SECTION
 NOT TO SCALE

CONTACT INFO:
 15" WATERLINE
 JOE MAURA
 O&M MANAGER
 CELL: 925-324-3512
 OFFICE: 925-779-6685

LAWRENCE PENN
 PLANT MANAGER
 CELL: 925-597-7757
 OFFICE: 925-427-3583

CONTACT INFO:
 20" ACP WATERLINE (CITY OF PITTSBURG)
 CHAD JOAQUIN
 LEAD WORKER
 925-382-5235



NO.	DATE	APPROV.	REVISION

DESIGNED: RTH
 DRAWN: ESM
 CHECKED: RTH
 REVIEWED: RTH
 DATE: 06-18-2023

APPROVED BY:



City Engineer
 Date:

HEI HARRISON ENGINEERING INC.
 1987 BONIFACIO STREET • CONCORD, CA 94520
 PHONE (925) 691-0450



CITY OF PITTSBURG

AMERICANA PARK BYPASS CHANNEL

CONSTRUCTION DETAILS - WATERLINES SHEET C-4 SCALE: AS SHOWN SHEET: 8 OF 11

Attachment C

Special Provisions Section 10-1.00
Measurement and Payment Revised

Bid Item No. 12 Relocate 20-inch Waterline

The contract price paid per Linear Foot for Relocate 20-inch Waterline shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Relocate 20-inch Waterline complete in place, including excavation, backfill, removal and disposal of asbestos cement pipe, C-900 PVC pipe, elbows, mechanical joints, concrete anchor blocks, conversion couplings, pressure testing, and other appurtenances, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Bid Item No. 13 Relocate 15-inch Waterline

The contract price paid per Linear Foot for Relocate 15-inch Waterline shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Relocate 15-inch Waterline complete in place, including coordination with pipeline owner, excavation, backfill, removal and disposal of asbestos cement pipe, C-900 PVC pipe, elbows, mechanical joints, concrete

anchor blocks, conversion couplings, pressure testing, and other appurtenances, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Bid Item No. 14 20-inch Butterfly Valve

The contract unit price paid per 20-inch Butterfly Valve shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in 20-inch Butterfly Valve complete in place, including valve, valve box, concrete anchor block, fittings, pressure testing, and appurtenances, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Bid Item No. 15 2-inch Air Valve

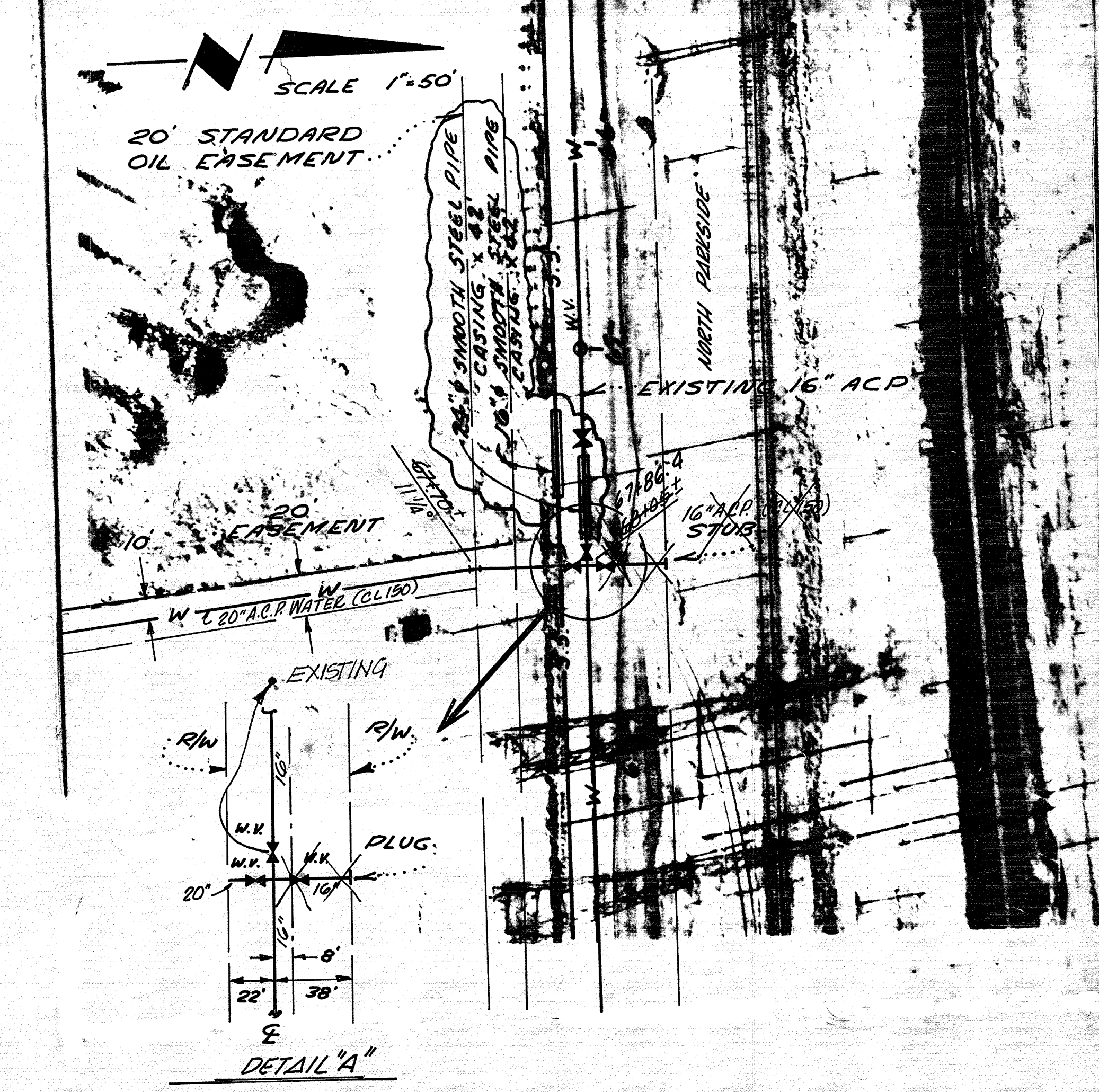
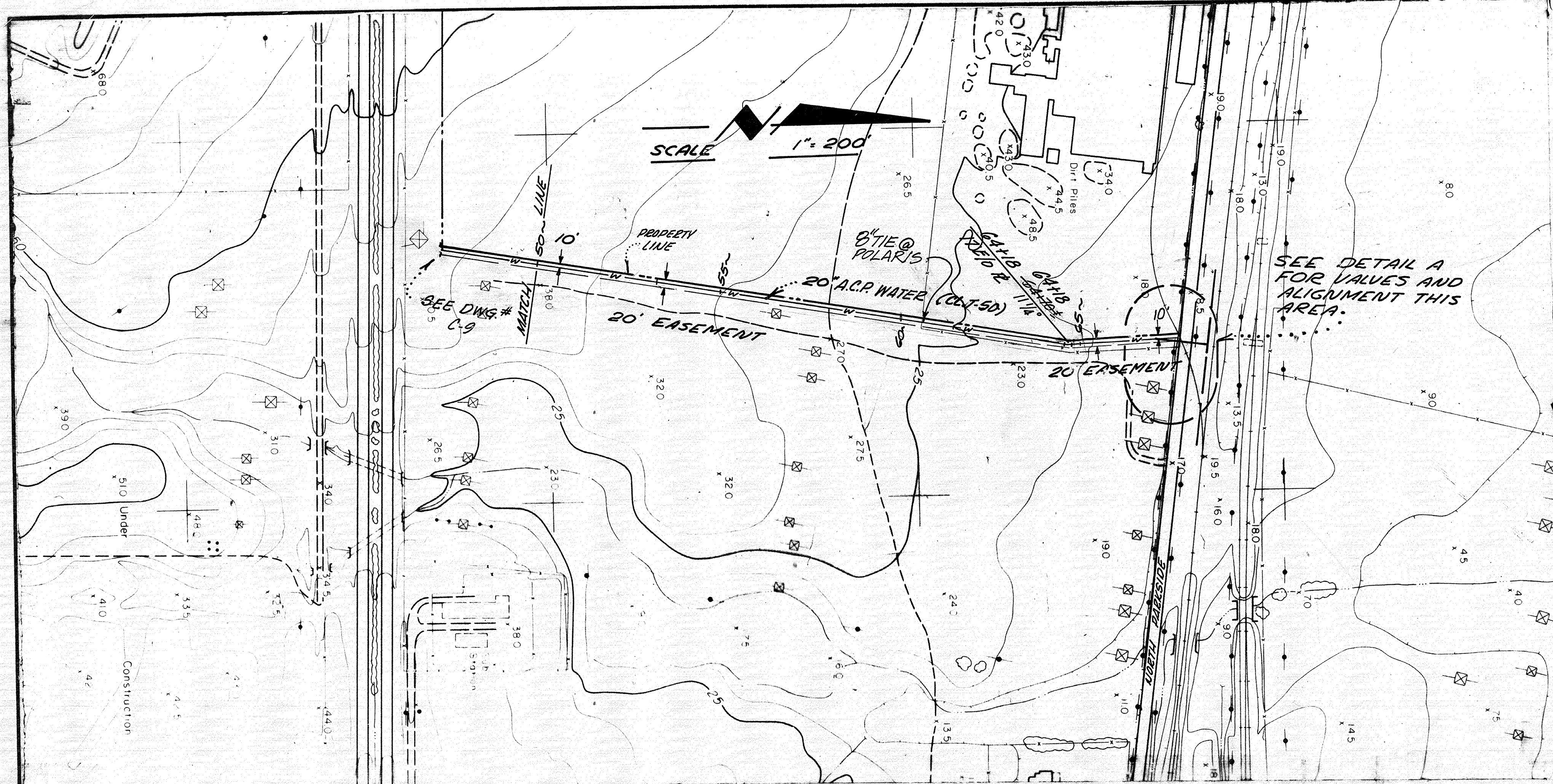
The contract unit price paid per 2-inch Air Valve shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in 2-inch Air Valve complete in place, including 2" air release valve, concrete pad, piping, tap saddle, enclosure, and appurtenances, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Bid Item No. 16 Fire Hydrant

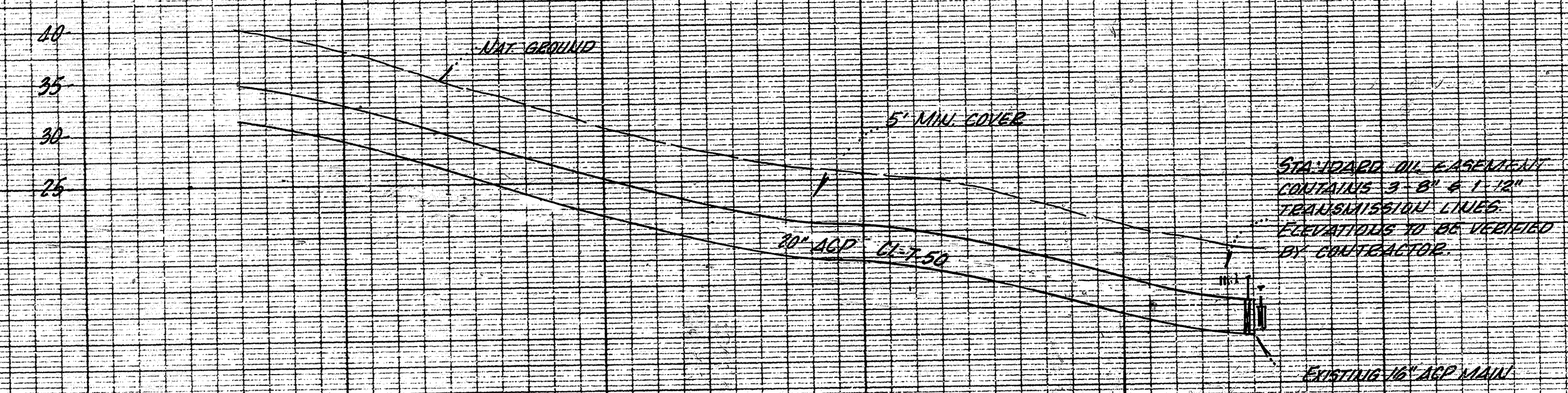
The contract unit price paid per Fire Hydrant shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all the work involved in Fire Hydrant complete in place, including hydrant, 20"x20"x6" tee, 6" ductile iron pipe, anchor blocks, thrust block, concrete pad, 6" valve, valve cover, and

Attachment D

As-Builts – 20” Waterline



50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68

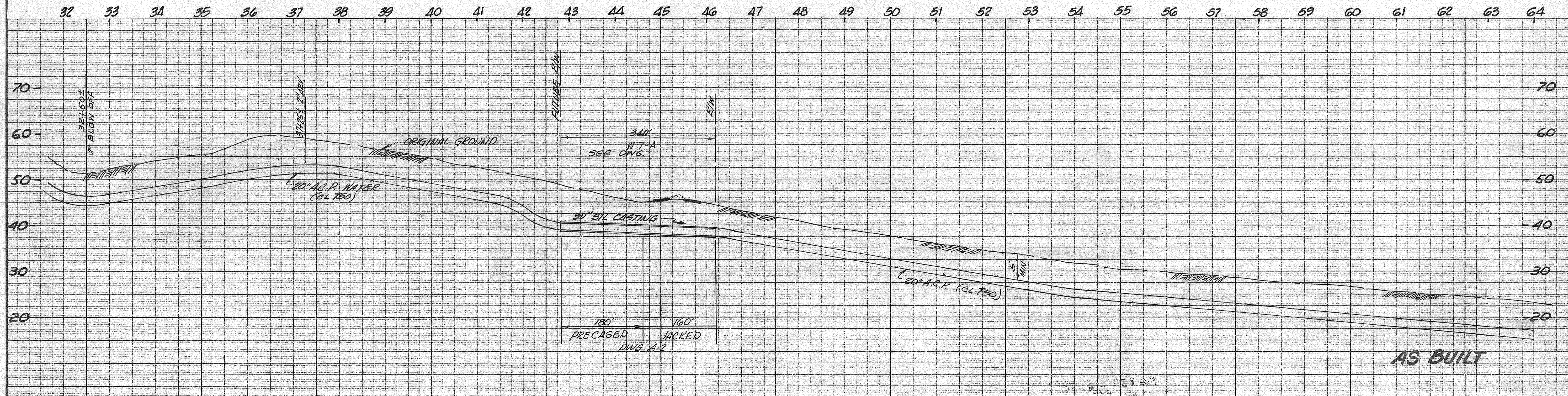
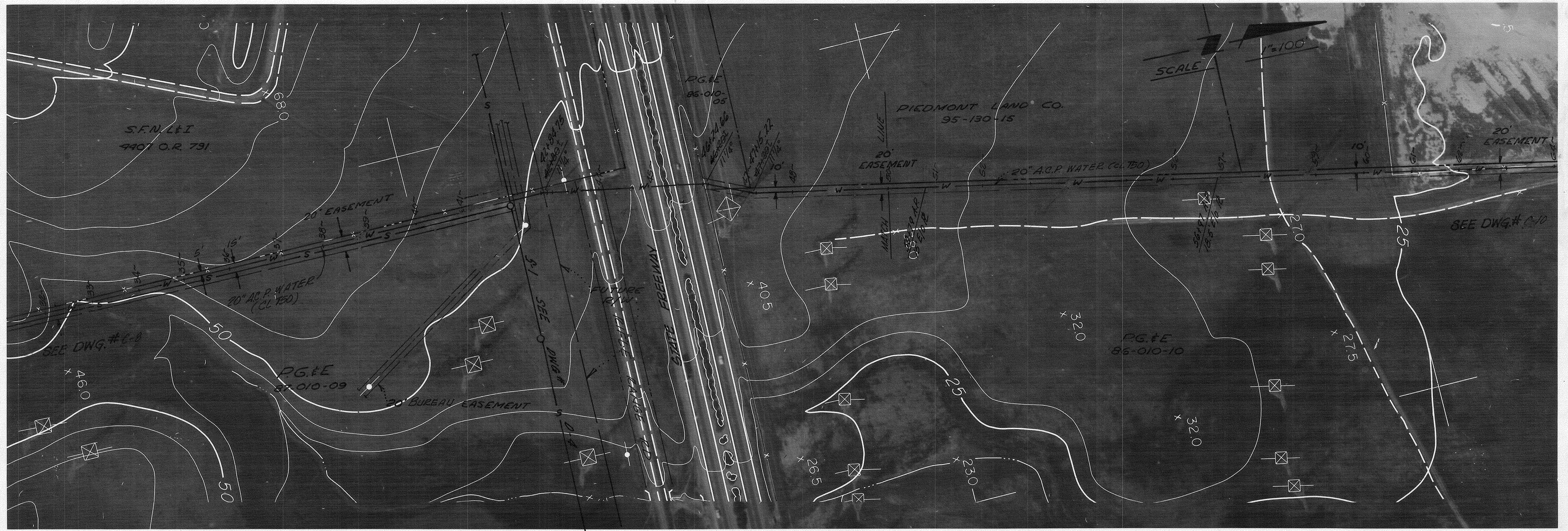


AS BUILT

HORIZ. 1"=200'
SCALE: VERT. 1"=10'

REVIEWED: APR 25 1973
DATE
Only for compliance with Section 660
of City Ordinance 300 CS.
Director of Public Works
City of Pittsburg, California

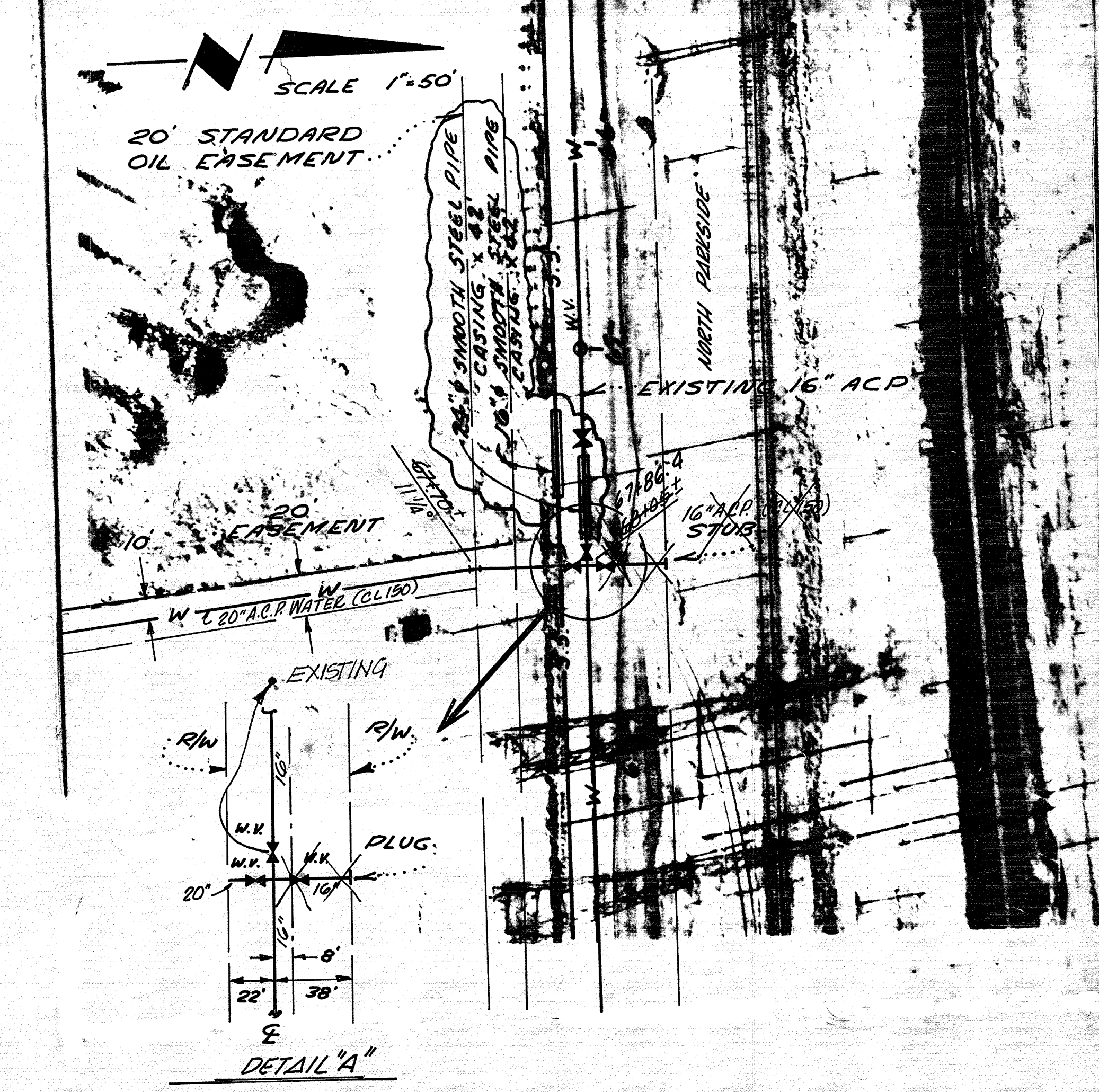
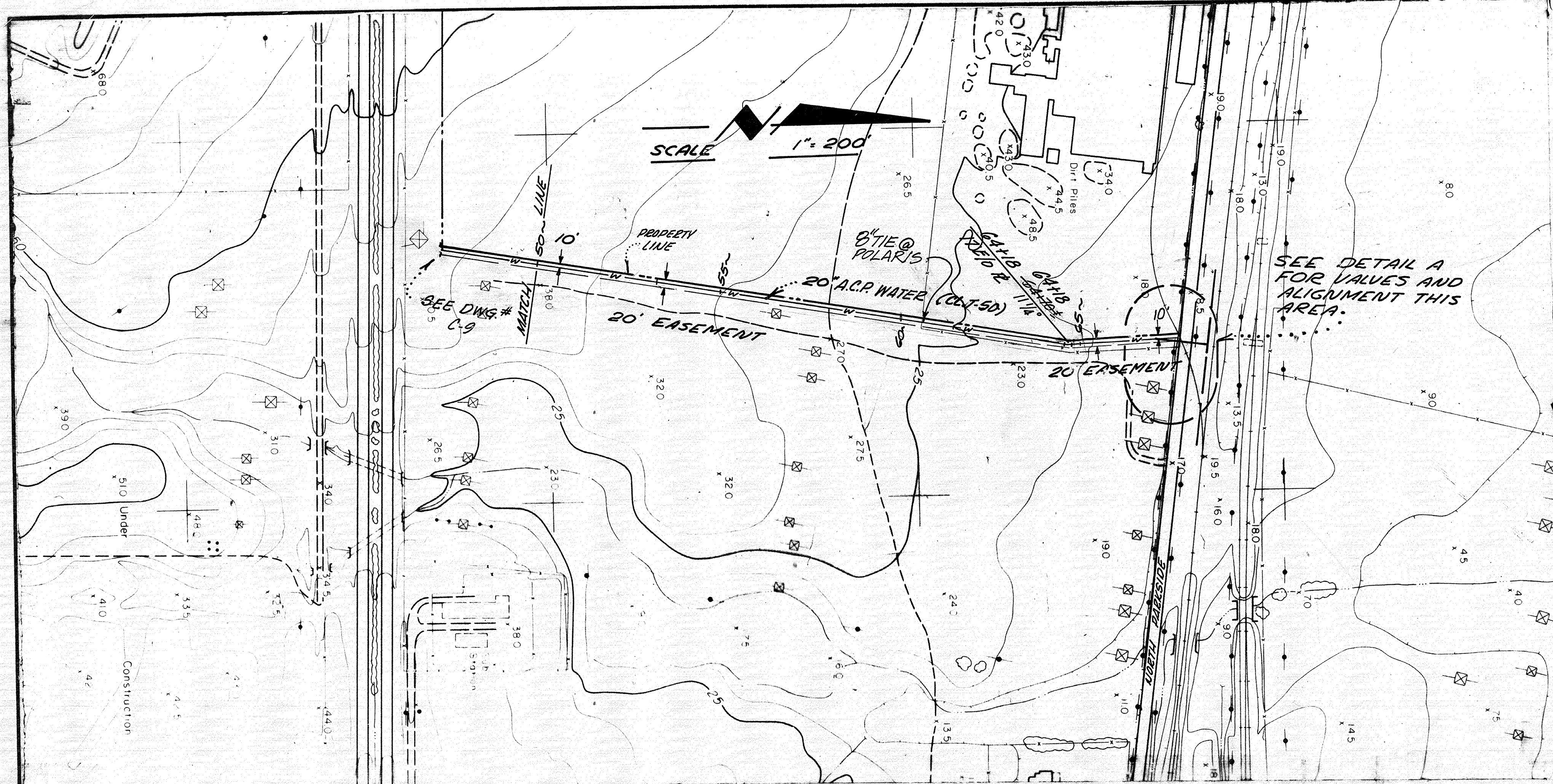
BEN H. FERGUSON CONSULTING ENGINEERS 204 GREGORY LANE PLEASANT HILL, CALIF. 94553		DATE	REVISION	BY	DATE
DESIGNED	PITTSBURG WEST ASSESSMENT DISTRICT NO. 1971-1		SCALE	C-10	
DRAWN	WATER LINE W-7		DWG. NO.	C-10	
CHECKED	STA. 62+00 THRU 68+05		SHEET	OF	
APPROVED	JOB NO. 1900				



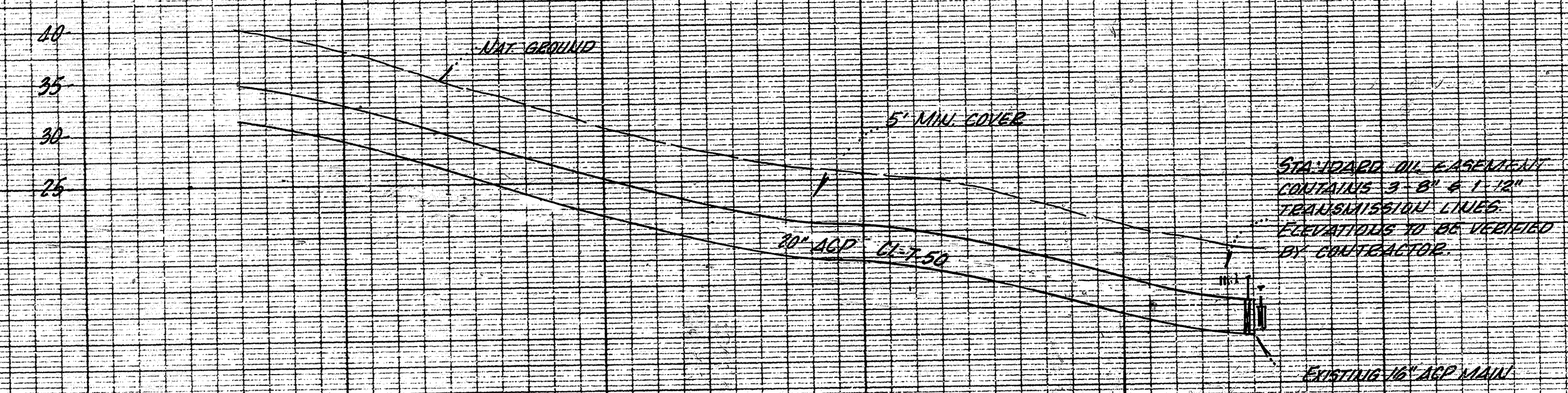
HORIZ: 1" = 100'
 SCALE: VERT: 1" = 10'

REVIEWED APR 25 1973
 DATE
 Only for use in connection with the project shown on this drawing.
 City of Pittsburg, California

BEN H. FERGUSON consulting engineers 200 GREGORY LANE · PLEASANT HILL, CALIF. · 956-1500		NO. 1 REVISION DATE	P.G. 5-25-73 DATE
DESIGNED DRAWN CHECKED APPROVED JOB NO. 1900	PITTSBURG WEST ASSESSMENT DISTRICT NO. 1971-1 WATER LINE W-7 STA. 32+00 THRU 62+00		SCALE NOTED DWG. NO. C-9 SHEET OF



50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68



AS BUILT

HORIZ. 1"=200'
SCALE: VERT. 1"=10'

REVIEWED: APR 25 1973
DATE
Only for compliance with Section 660
of City Ordinance 300 CS.
Director of Public Works
City of Pittsburg, California

BEN H. FERGUSON CONSULTING ENGINEERS 204 GREGORY LANE PLEASANT HILL, CALIF. 94523		DATE
DESIGNED	PITTSBURG WEST ASSESSMENT DISTRICT NO. 1971-1 WATER LINE W-7 STA. 62+00 THRU 68+05	SCALE
DRAWN		DWG. NO.
CHECKED		C-10
APPROVED		SHEET OF
JOB NO. 1900		