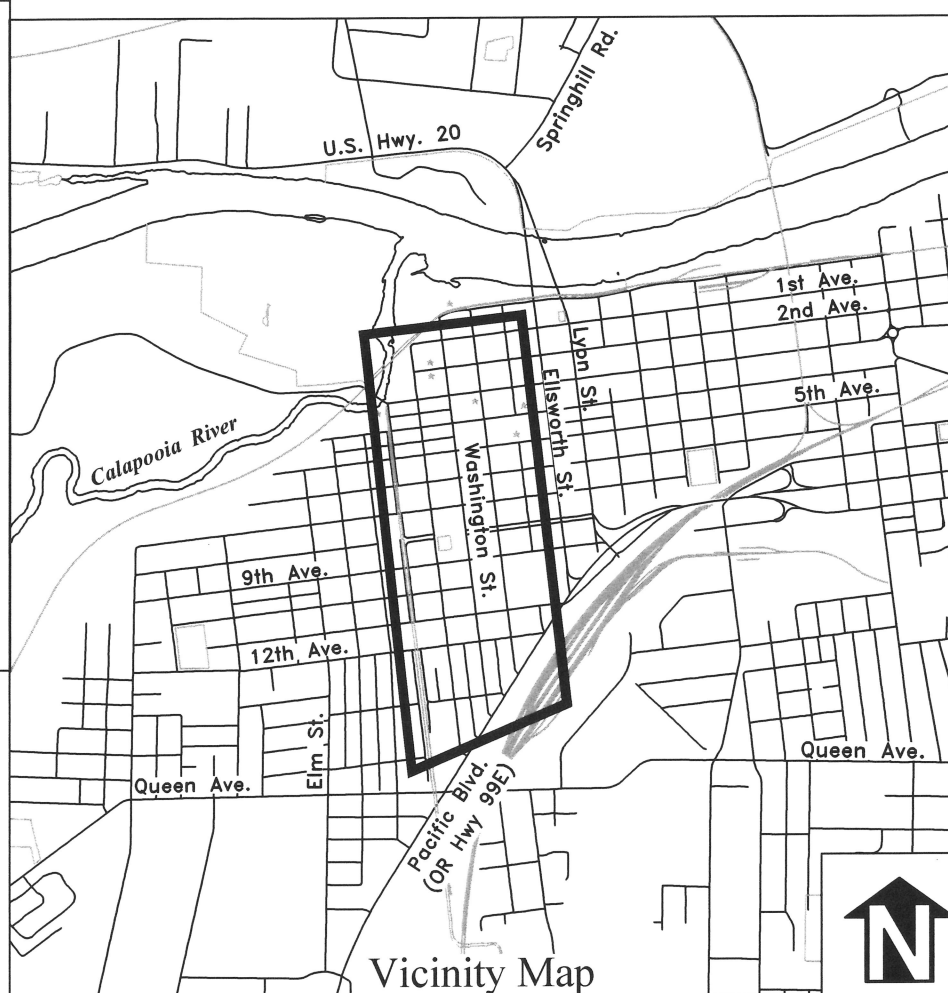
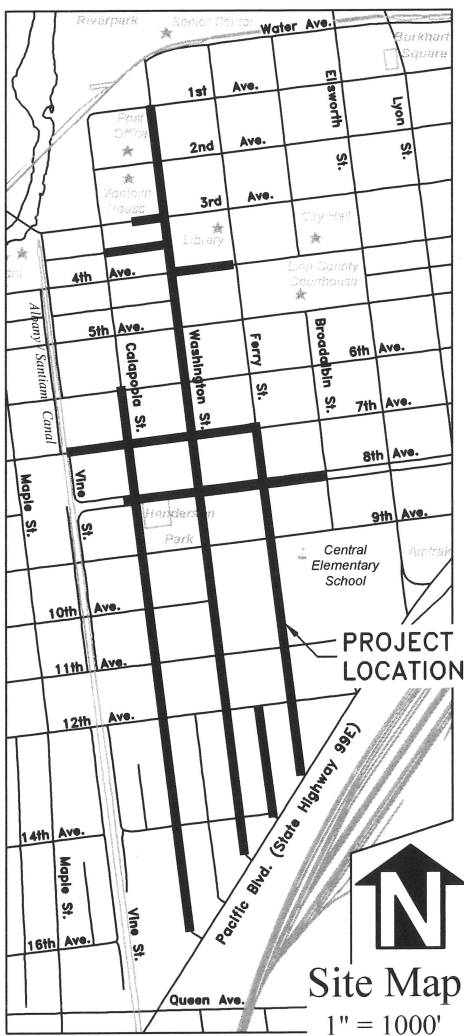
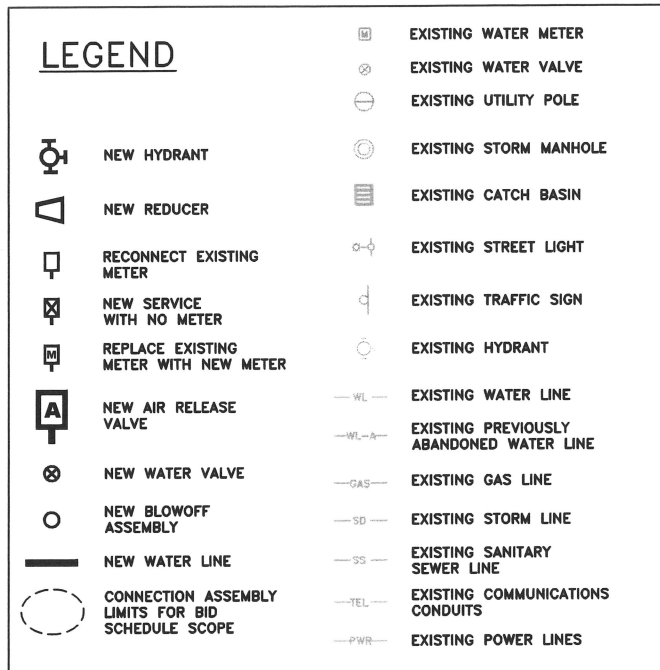


CITY OF ALBANY

ST-23-01, WASHINGTON STREET AREA PROJECTS

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44	10TH STREET INTERSECTION DETAILS
45	11TH STREET INTERSECTION DETAILS
46	12TH STREET INTERSECTION DETAILS
47	14TH STREET INTERSECTION DETAILS



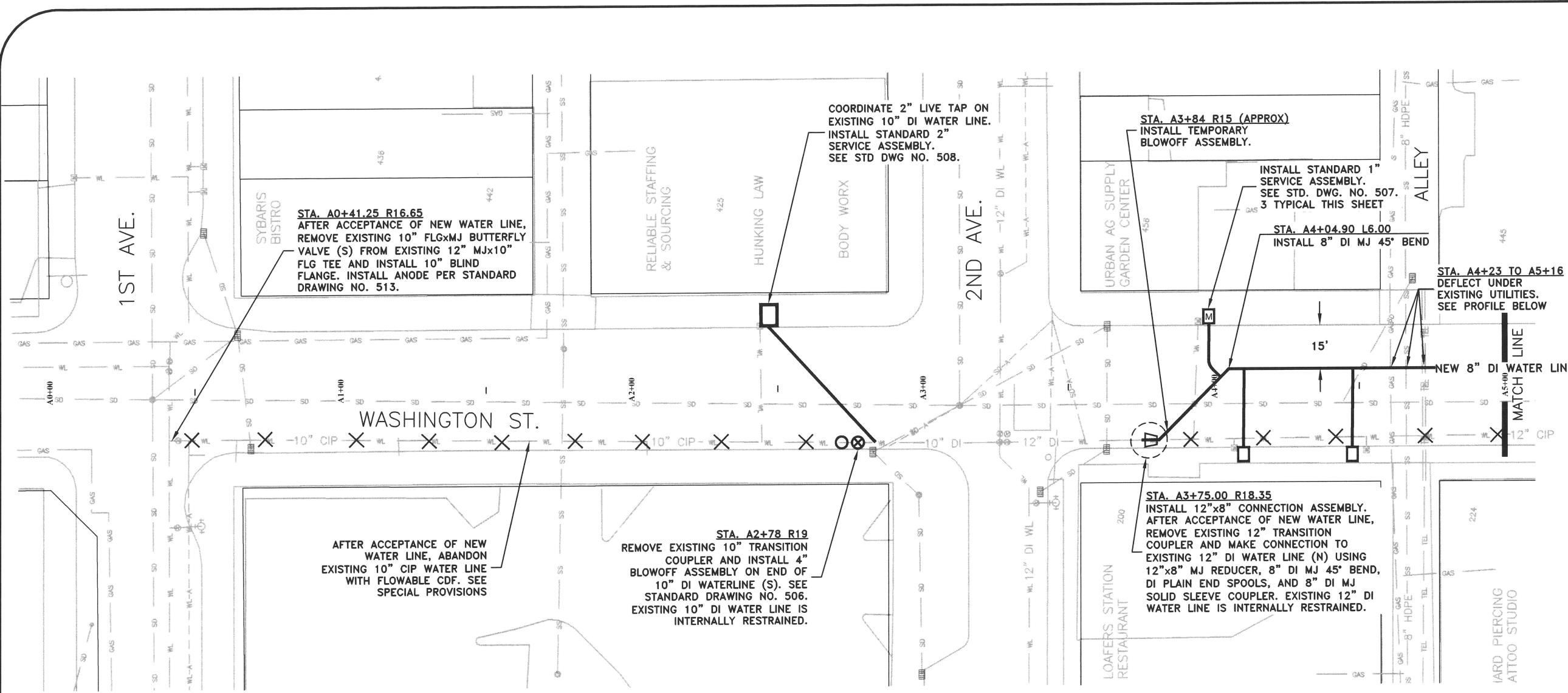
- ### GENERAL NOTES
- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS AND ASSOCIATED STANDARD DRAWINGS. THE CURRENT VERSION OF THE CITY OF ALBANY STANDARD CONSTRUCTION SPECIFICATIONS CAN BE FOUND ON THE CITY'S WEBSITE AT WWW.ALBANYOREGON.GOV.
 - UTILITIES SHOWN ARE FOR REFERENCE ONLY. FOR A FIELD LOCATE, CALL THE UTILITIES NOTIFICATIONS CENTER AT 1-800-332-2344.
 - OPERATING ACCESS FOR CITY MAINTENANCE PERSONNEL TO EXISTING AND NEW WATER VALVES AND MANHOLES SHALL BE CONTINUOUSLY MAINTAINED BY THE CONTRACTOR DURING ALL CONSTRUCTION ACTIVITIES.
 - CONTRACTOR SHALL VERIFY ALL EXISTING PIPE ELEVATIONS, PIPE DIAMETERS, AND PIPE MATERIALS AT CONNECTION AND ABANDONMENT LOCATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO ENGINEER PRIOR TO BEGINNING WORK.
 - ATTENTION: OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. (NOTE: THE TELEPHONE NUMBER FOR THE OREGON UTILITY NOTIFICATION CENTER IS (503) 232-1987).
 - CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION AND MAINTENANCE OF ALL EROSION PREVENTION SEDIMENT CONTROL (EPSC) MEASURES IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS UNTIL ALL CONSTRUCTION IS COMPLETED AND APPROVED BY THE CITY OF ALBANY, AND VEGETATION/LANDSCAPING IS ESTABLISHED. FOR GUIDANCE, REFER TO THE CITY OF ALBANY EPSC MANUAL WHICH CAN BE FOUND AT WWW.ALBANYOREGON.GOV.

DESIGNED: A. MONACO/C. BERG	REVISIONS
DRAWN: A. MONACO/C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
COVER SHEET

RENEWS: 12/31/2025
SHEET NO. 1 OF 47
PROJECT NO: ST-23-01
FILE: COVER.ST-23-01.dwg



1ST AVE.

2ND AVE.

WASHINGTON ST.

ALLEY

SYBARIS BISTRO
STA. A0+41.25 R16.65
 AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 10" FLGxMJ BUTTERFLY VALVE (S) FROM EXISTING 12" MJx10" FLG TEE AND INSTALL 10" BLIND FLANGE. INSTALL ANODE PER STANDARD DRAWING NO. 513.

COORDINATE 2" LIVE TAP ON EXISTING 10" DI WATER LINE. INSTALL STANDARD 2" SERVICE ASSEMBLY. SEE STD DWG NO. 508.

STA. A3+84 R15 (APPROX)
 INSTALL TEMPORARY BLOWOFF ASSEMBLY.

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD. DWG. NO. 507. 3 TYPICAL THIS SHEET

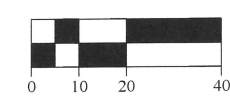
STA. A4+04.90 L6.00
 INSTALL 8" DI MJ 45° BEND

STA. A4+23 TO A5+16
 DEFLECT UNDER EXISTING UTILITIES. SEE PROFILE BELOW

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 10" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. A2+78 R19
 REMOVE EXISTING 10" TRANSITION COUPLER AND INSTALL 4" BLOWOFF ASSEMBLY ON END OF 10" DI WATERLINE (S). SEE STANDARD DRAWING NO. 506. EXISTING 10" DI WATER LINE IS INTERNALLY RESTRAINED.

STA. A3+75.00 R18.35
 INSTALL 12"x8" CONNECTION ASSEMBLY. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 12" TRANSITION COUPLER AND MAKE CONNECTION TO EXISTING 12" DI WATER LINE (N) USING 12"x8" MJ REDUCER, 8" DI MJ 45° BEND, DI PLAIN END SPOOLS, AND 8" DI MJ SOLID SLEEVE COUPLER. EXISTING 12" DI WATER LINE IS INTERNALLY RESTRAINED.

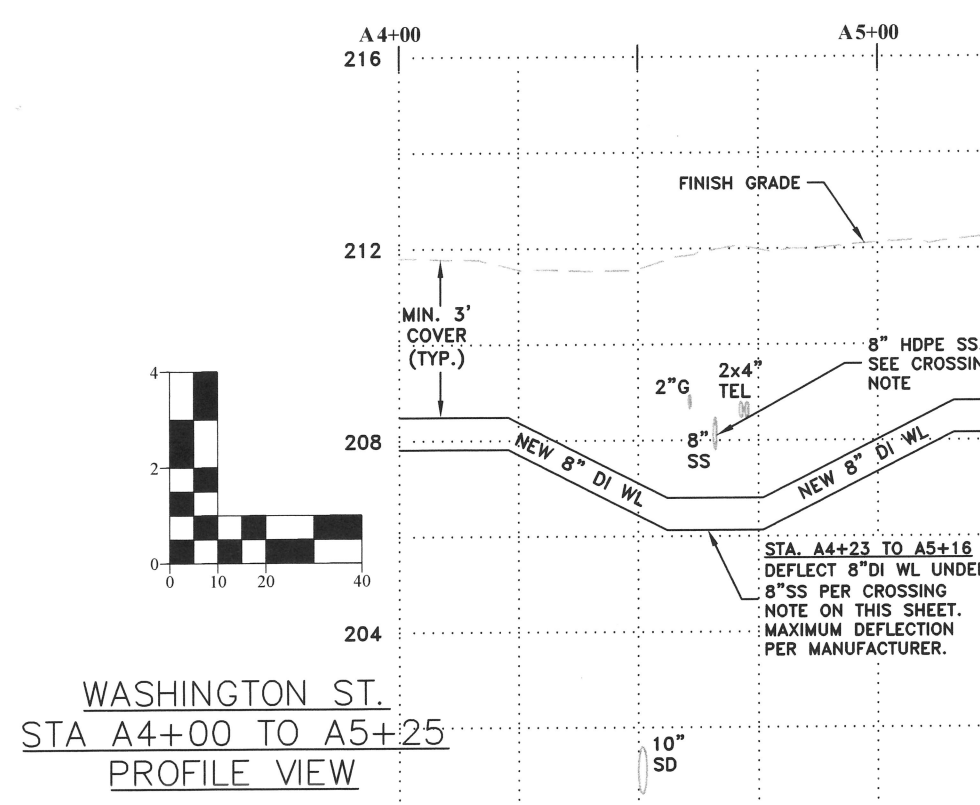


GENERAL WATER NOTES:

1. ALL NEW WATER SERVICE LINES SHALL BE HDPE. SEE SPECIAL PROVISIONS.
2. HYDRANT AND METER BOX LOCATION SHOWN IS APPROXIMATE. FINAL LOCATION TO BE DETERMINED IN FIELD AS DIRECTED BY ENGINEER.
3. NON-INVASIVE EXCAVATION REQUIRED WHEN WORKING WITHIN 5' OF AC WATERLINES.

CROSSING NOTE: WATER UNDERCROSSING STA. A4+23 TO A5+16
 NEW 8" DI WATER LINE TO CROSS UNDER 8" SANITARY SEWER AND OTHER UTILITIES.

1. SANITARY SEWER HAS RECENTLY BEEN PIPE BURST WITH NEW 8" HDPE (COA PROJECT SS-23-01-A). EXPOSE PIPE AND NOTIFY CITY TO INSPECT AND VERIFY NO EVIDENCE OF LEAKAGE BEFORE PROCEEDING WITH NEW PIPE INSTALLATION.
2. AFTER CITY HAS COMPLETED VERIFICATION, CENTER ONE FULL STICK (18'-20' LENGTH) OF WATER PIPE AT 8" SS CROSSING. INSTALL UNDERGROUND UTILITY SUPPORT PER STD DWG NO. 211. MIN 12" CLEARANCE.

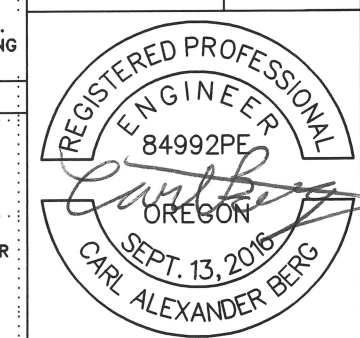


WASHINGTON ST.
 STA A4+00 TO A5+25
 PROFILE VIEW

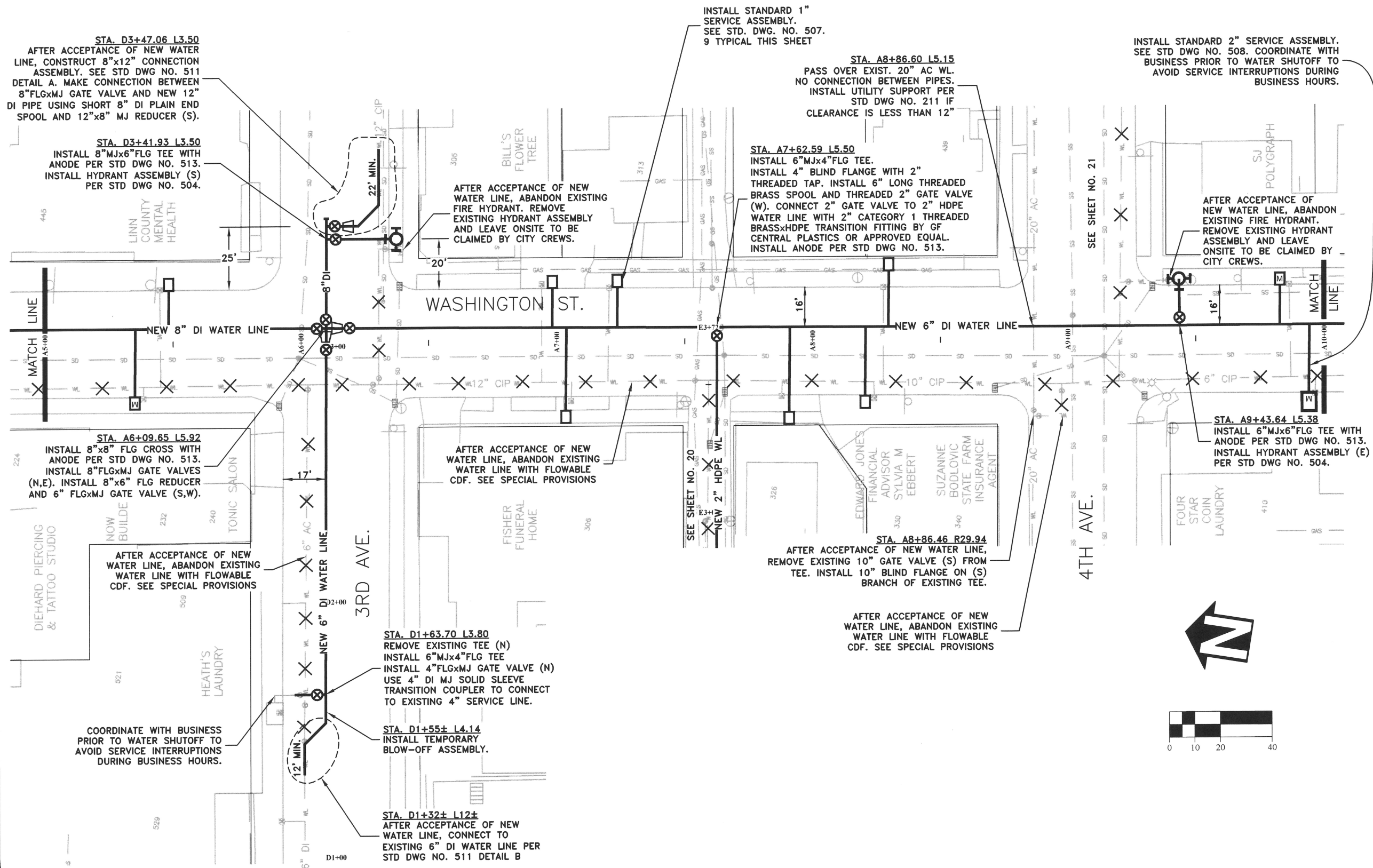
DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	DATE: --
DATE: 4/18/2024	BY: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
 WATER LINE REPLACEMENT - WASHINGTON ST. STA. A0+00 TO A5+00



RENEWS: 12/31/2025
 SHEET NO. 2 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-01.dwg



STA. D3+47.06 L3.50
 AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x12" CONNECTION ASSEMBLY. SEE STD DWG NO. 511 DETAIL A. MAKE CONNECTION BETWEEN 8" FLGxMJ GATE VALVE AND NEW 12" DI PIPE USING SHORT 8" DI PLAIN END SPOOL AND 12"x8" MJ REDUCER (S).

STA. D3+41.93 L3.50
 INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (S) PER STD DWG NO. 504.

STA. A6+09.65 L5.92
 INSTALL 8"x8" FLG CROSS WITH ANODE PER STD DWG NO. 513. INSTALL 8" FLGxMJ GATE VALVES (N,E). INSTALL 8"x6" FLG REDUCER AND 6" FLGxMJ GATE VALVE (S,W).

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. D1+63.70 L3.80
 REMOVE EXISTING TEE (N)
 INSTALL 6" MJx4" FLG TEE
 INSTALL 4" FLGxMJ GATE VALVE (N)
 USE 4" DI MJ SOLID SLEEVE TRANSITION COUPLER TO CONNECT TO EXISTING 4" SERVICE LINE.

STA. D1+55± L4.14
 INSTALL TEMPORARY BLOW-OFF ASSEMBLY.

STA. D1+32± L12±
 AFTER ACCEPTANCE OF NEW WATER LINE, CONNECT TO EXISTING 6" DI WATER LINE PER STD DWG NO. 511 DETAIL B

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING FIRE HYDRANT. REMOVE EXISTING HYDRANT ASSEMBLY AND LEAVE ONSITE TO BE CLAIMED BY CITY CREWS.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD. DWG. NO. 507. 9 TYPICAL THIS SHEET

STA. A8+86.60 L5.15
 PASS OVER EXIST. 20" AC WL. NO CONNECTION BETWEEN PIPES. INSTALL UTILITY SUPPORT PER STD DWG NO. 211 IF CLEARANCE IS LESS THAN 12"

STA. A7+62.59 L5.50
 INSTALL 6" MJx4" FLG TEE. INSTALL 4" BLIND FLANGE WITH 2" THREADED TAP. INSTALL 6" LONG THREADED BRASS SPOOL AND THREADED 2" GATE VALVE (W). CONNECT 2" GATE VALVE TO 2" HDPE WATER LINE WITH 2" CATEGORY 1 THREADED BRASSxHDPE TRANSITION FITTING BY GF CENTRAL PLASTICS OR APPROVED EQUAL. INSTALL ANODE PER STD DWG NO. 513.

SEE SHEET NO. 20

STA. A8+86.46 R29.94
 AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 10" GATE VALVE (S) FROM TEE. INSTALL 10" BLIND FLANGE ON (S) BRANCH OF EXISTING TEE.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS


INSTALL STANDARD 2" SERVICE ASSEMBLY. SEE STD DWG NO. 508. COORDINATE WITH BUSINESS PRIOR TO WATER SHUTOFF TO AVOID SERVICE INTERRUPTIONS DURING BUSINESS HOURS.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING FIRE HYDRANT. REMOVE EXISTING HYDRANT ASSEMBLY AND LEAVE ONSITE TO BE CLAIMED BY CITY CREWS.

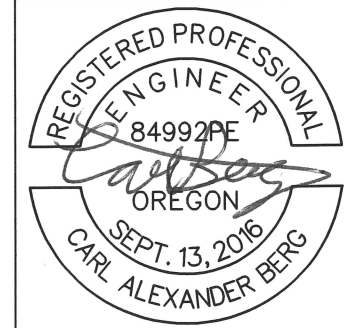
STA. A9+43.64 L5.38
 INSTALL 6" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (E) PER STD DWG NO. 504.

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CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

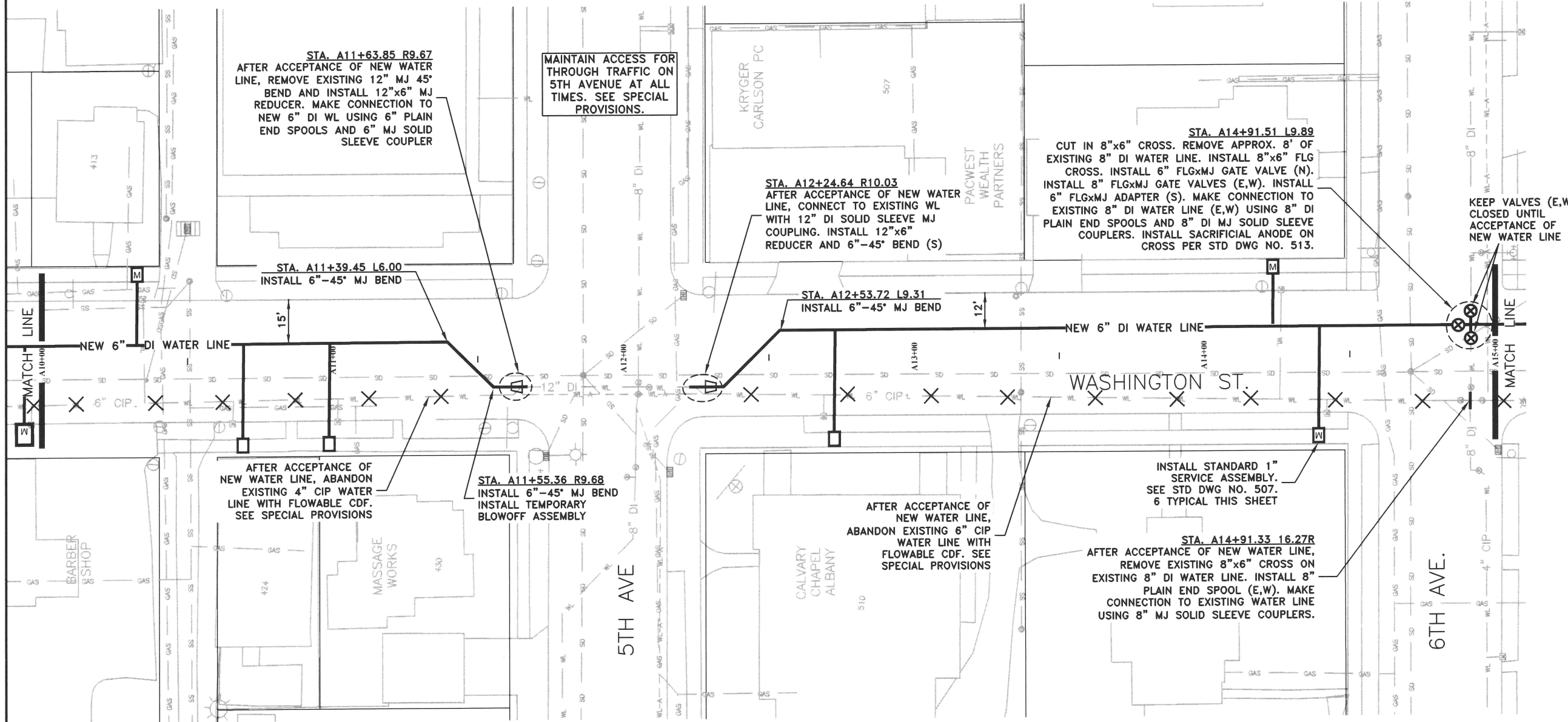
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. A5+00 TO A10+00**



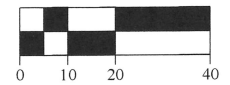
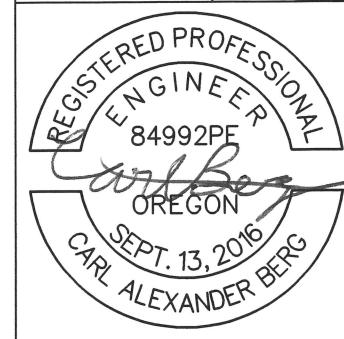
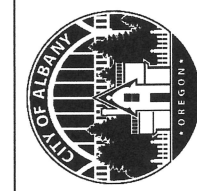
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SHEET NO. 3 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-01.dwg



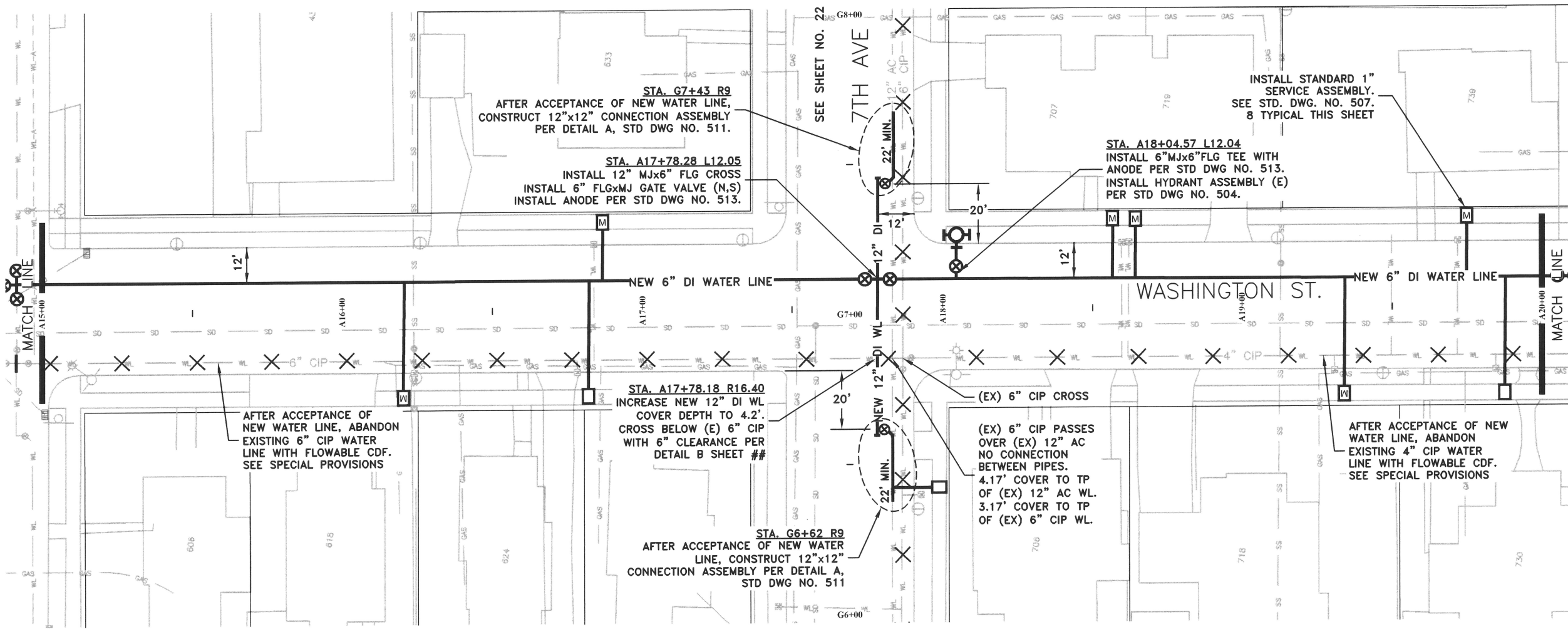
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DRAWN: C. BERG	NO: ---
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DATE: 4/18/2024	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. A10+00 TO A15+00



RENEWS: 12/31/2025
SHEET NO. 4 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-01.dwg



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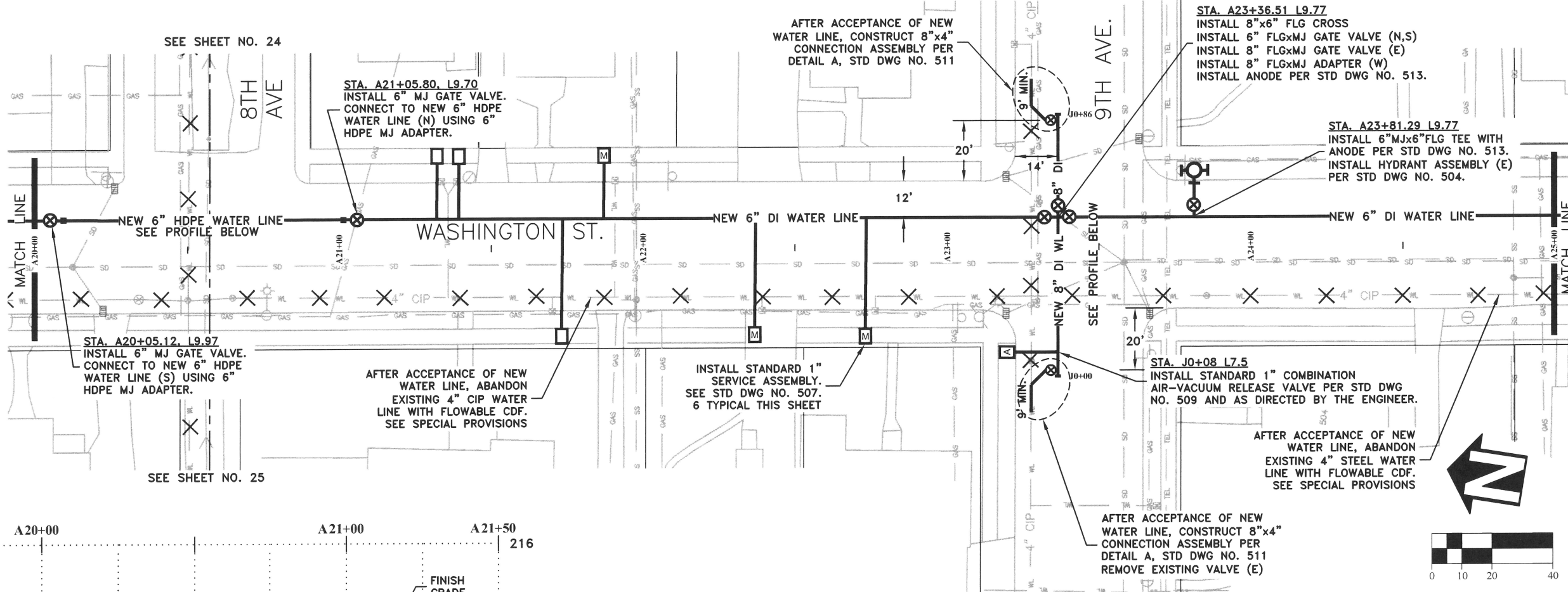
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. A15+00 TO A20+00**



RENEWS: 12/31/2025
SHEET NO. 5 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-01.dwg



STA. A20+05.12, L9.97
 INSTALL 6" MJ GATE VALVE.
 CONNECT TO NEW 6" HDPE
 WATER LINE (S) USING 6"
 HDPE MJ ADAPTER.

STA. A21+05.80, L9.70
 INSTALL 6" MJ GATE VALVE.
 CONNECT TO NEW 6" HDPE
 WATER LINE (N) USING 6"
 HDPE MJ ADAPTER.

AFTER ACCEPTANCE OF NEW
 WATER LINE, CONSTRUCT 8"x4"
 CONNECTION ASSEMBLY PER
 DETAIL A, STD DWG NO. 511

STA. A23+36.51 L9.77
 INSTALL 8"x6" FLG CROSS
 INSTALL 6" FLGxMJ GATE VALVE (N,S)
 INSTALL 8" FLGxMJ GATE VALVE (E)
 INSTALL 8" FLGxMJ ADAPTER (W)
 INSTALL ANODE PER STD DWG NO. 513.

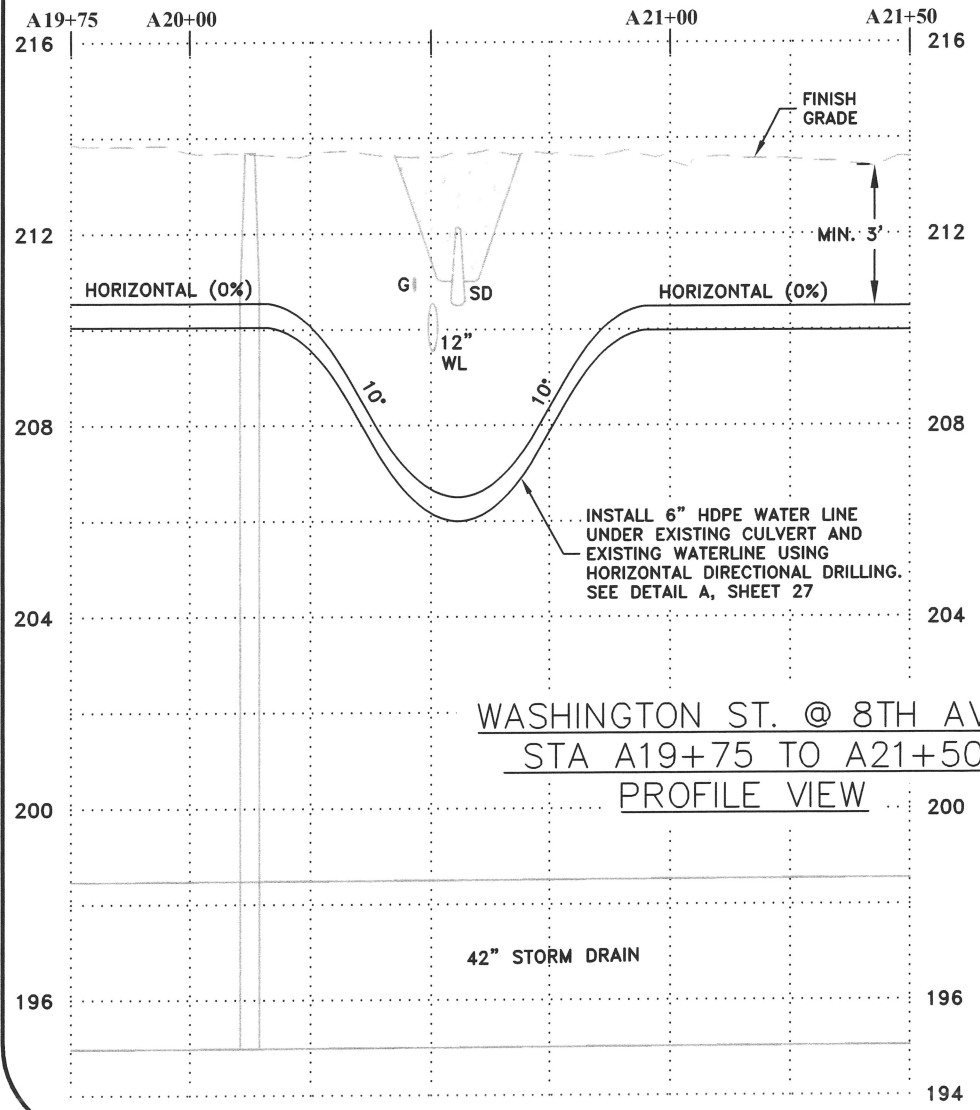
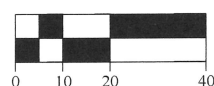
STA. A23+81.29 L9.77
 INSTALL 6" MJx6" FLG TEE WITH
 ANODE PER STD DWG NO. 513.
 INSTALL HYDRANT ASSEMBLY (E)
 PER STD DWG NO. 504.

INSTALL STANDARD 1"
 SERVICE ASSEMBLY.
 SEE STD DWG NO. 507.
 6 TYPICAL THIS SHEET

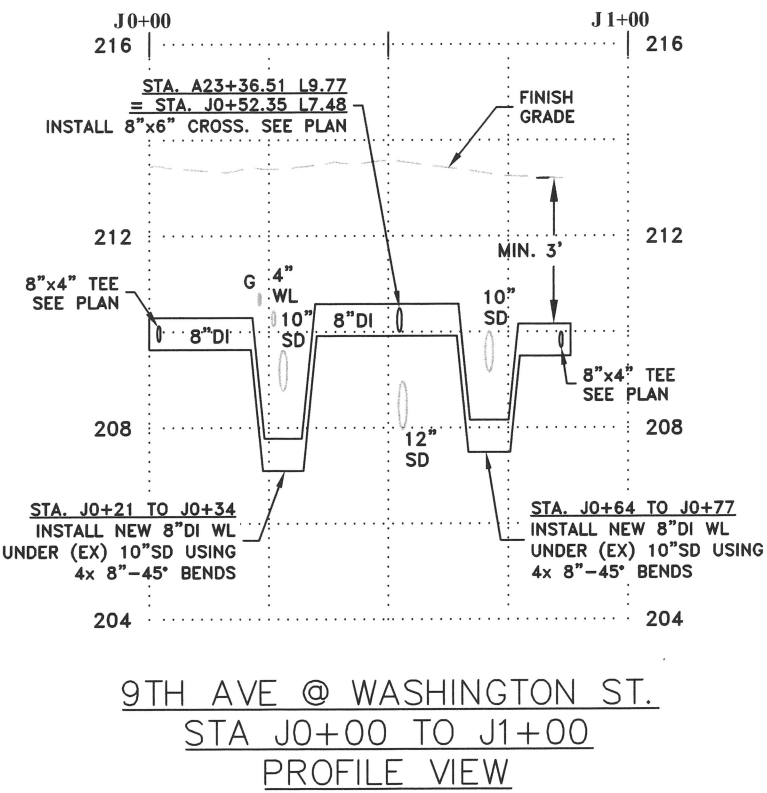
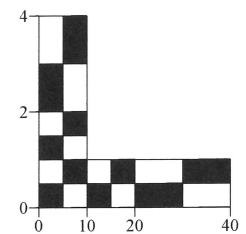
STA. J0+08 L7.5
 INSTALL STANDARD 1" COMBINATION
 AIR-VACUUM RELEASE VALVE PER STD DWG
 NO. 509 AND AS DIRECTED BY THE ENGINEER.

AFTER ACCEPTANCE OF NEW
 WATER LINE, ABANDON
 EXISTING 4" STEEL WATER
 LINE WITH FLOWABLE CDF.
 SEE SPECIAL PROVISIONS

AFTER ACCEPTANCE OF NEW
 WATER LINE, CONSTRUCT 8"x4"
 CONNECTION ASSEMBLY PER
 DETAIL A, STD DWG NO. 511
 REMOVE EXISTING VALVE (E)



WASHINGTON ST. @ 8TH AVE
 STA A19+75 TO A21+50
 PROFILE VIEW



9TH AVE @ WASHINGTON ST.
 STA J0+00 TO J1+00
 PROFILE VIEW

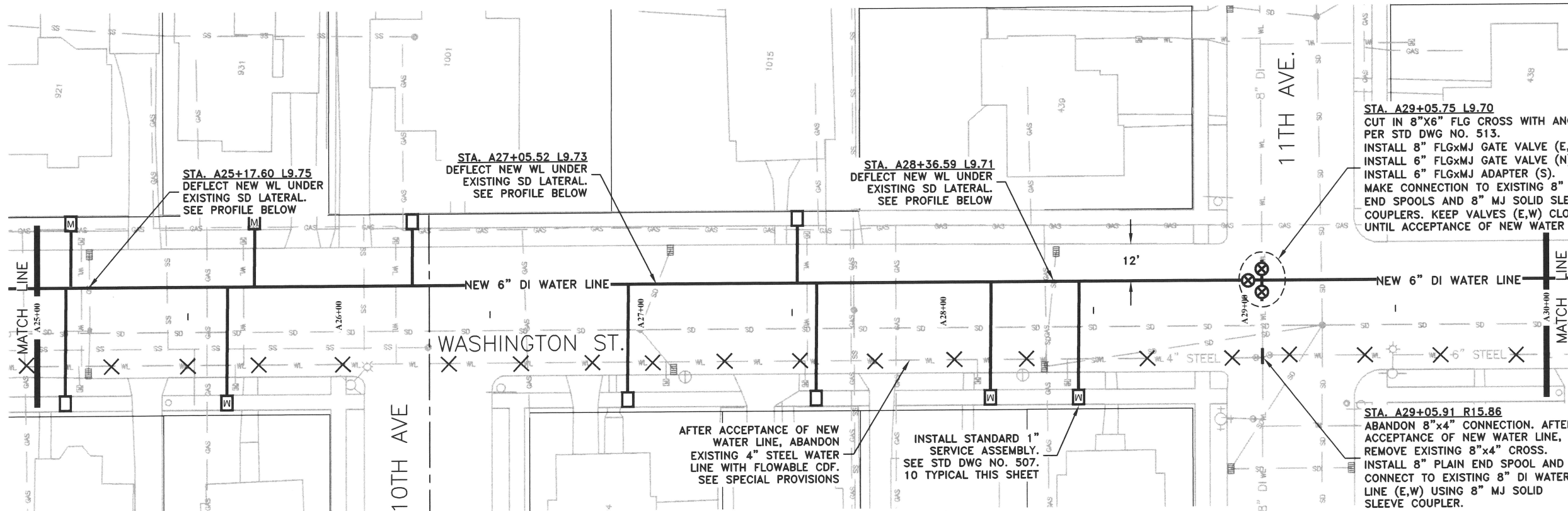
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ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. A20+00 TO A25+00



RENEWS: 12/31/2025
 SHEET NO. 6 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-01.dwg



STA. A29+05.75 L9.70
 CUT IN 8"x6" FLG CROSS WITH ANODE PER STD DWG NO. 513.
 INSTALL 8" FLGxMJ GATE VALVE (E,W).
 INSTALL 6" FLGxMJ GATE VALVE (N).
 INSTALL 6" FLGxMJ ADAPTER (S).
 MAKE CONNECTION TO EXISTING 8" PLAIN END SPOOLS AND 8" MJ SOLID SLEEVE COUPLERS. KEEP VALVES (E,W) CLOSED UNTIL ACCEPTANCE OF NEW WATER LINE.

STA. A29+05.91 R15.86
 ABANDON 8"x4" CONNECTION. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 8"x4" CROSS.
 INSTALL 8" PLAIN END SPOOL AND CONNECT TO EXISTING 8" DI WATER LINE (E,W) USING 8" MJ SOLID SLEEVE COUPLER.

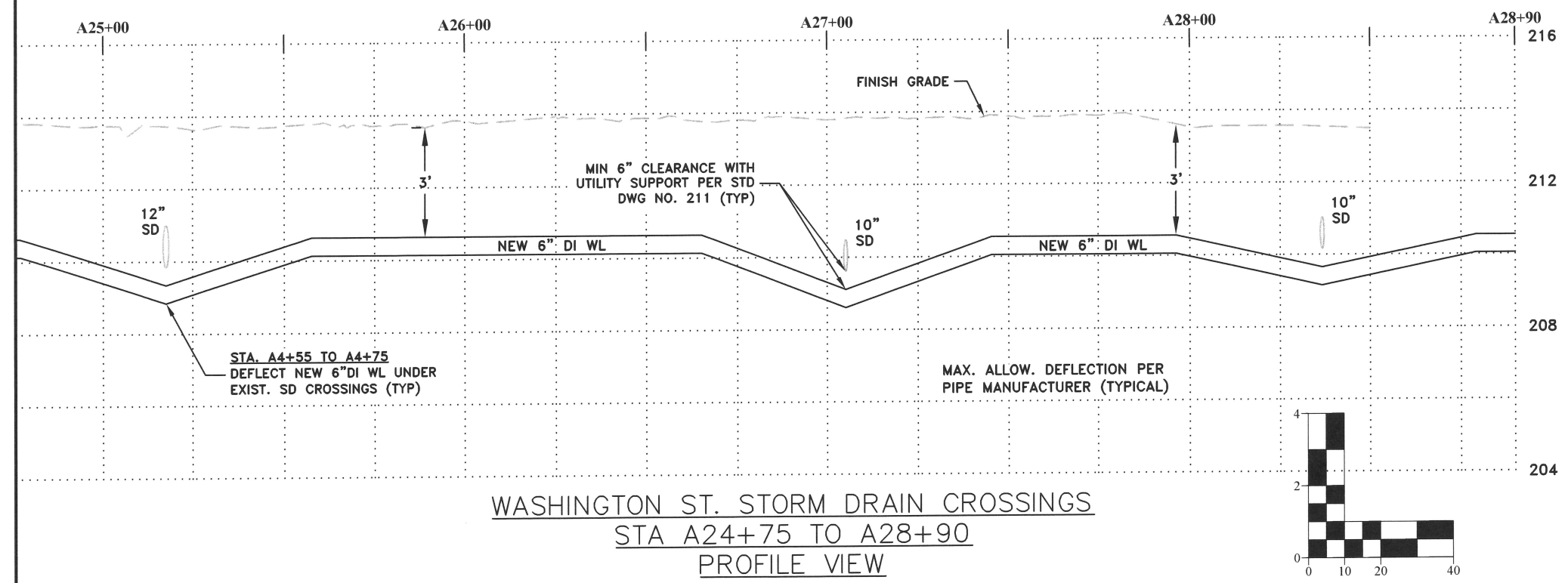
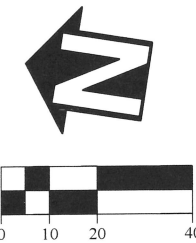
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 4" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 10 TYPICAL THIS SHEET

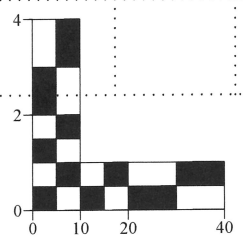
STA. A25+17.60 L9.75
 DEFLECT NEW WL UNDER EXISTING SD LATERAL. SEE PROFILE BELOW

STA. A27+05.52 L9.73
 DEFLECT NEW WL UNDER EXISTING SD LATERAL. SEE PROFILE BELOW

STA. A28+36.59 L9.71
 DEFLECT NEW WL UNDER EXISTING SD LATERAL. SEE PROFILE BELOW



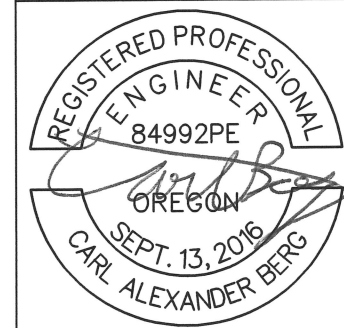
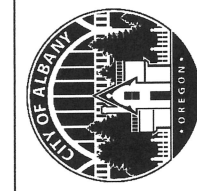
**WASHINGTON ST. STORM DRAIN CROSSINGS
 STA A24+75 TO A28+90
 PROFILE VIEW**



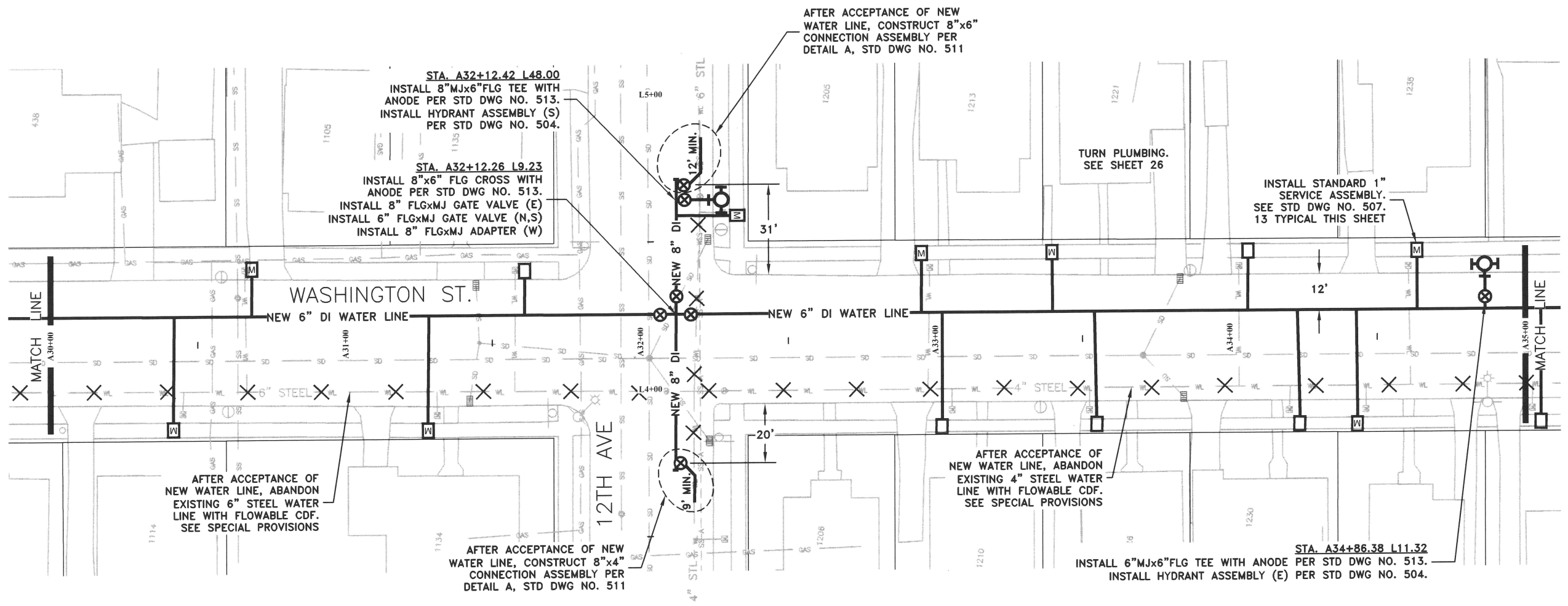
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**PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES**

**ST-23-01, WASHINGTON STREET AREA PROJECTS
 WATER LINE REPLACEMENT - WASHINGTON ST. STA. A25+00 TO A30+00**



RENEWS: 12/31/2025
 SHEET NO. 7 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-01.dwg



STA. A32+12.42 L48.00
 INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513.
 INSTALL HYDRANT ASSEMBLY (S) PER STD DWG NO. 504.

STA. A32+12.26 L9.23
 INSTALL 8" x6" FLG CROSS WITH ANODE PER STD DWG NO. 513.
 INSTALL 8" FLGxMJ GATE VALVE (E)
 INSTALL 6" FLGxMJ GATE VALVE (N,S)
 INSTALL 8" FLGxMJ ADAPTER (W)

AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x6" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511

TURN PLUMBING. SEE SHEET 26

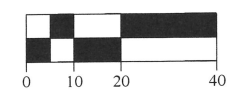
INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 13 TYPICAL THIS SHEET

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 6" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x4" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511


AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 4" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. A34+86.38 L11.32
 INSTALL 6" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513.
 INSTALL HYDRANT ASSEMBLY (E) PER STD DWG NO. 504.

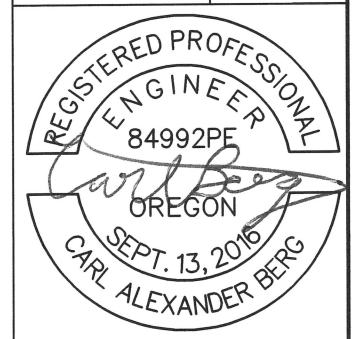


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DATE: 4/18/2024	---

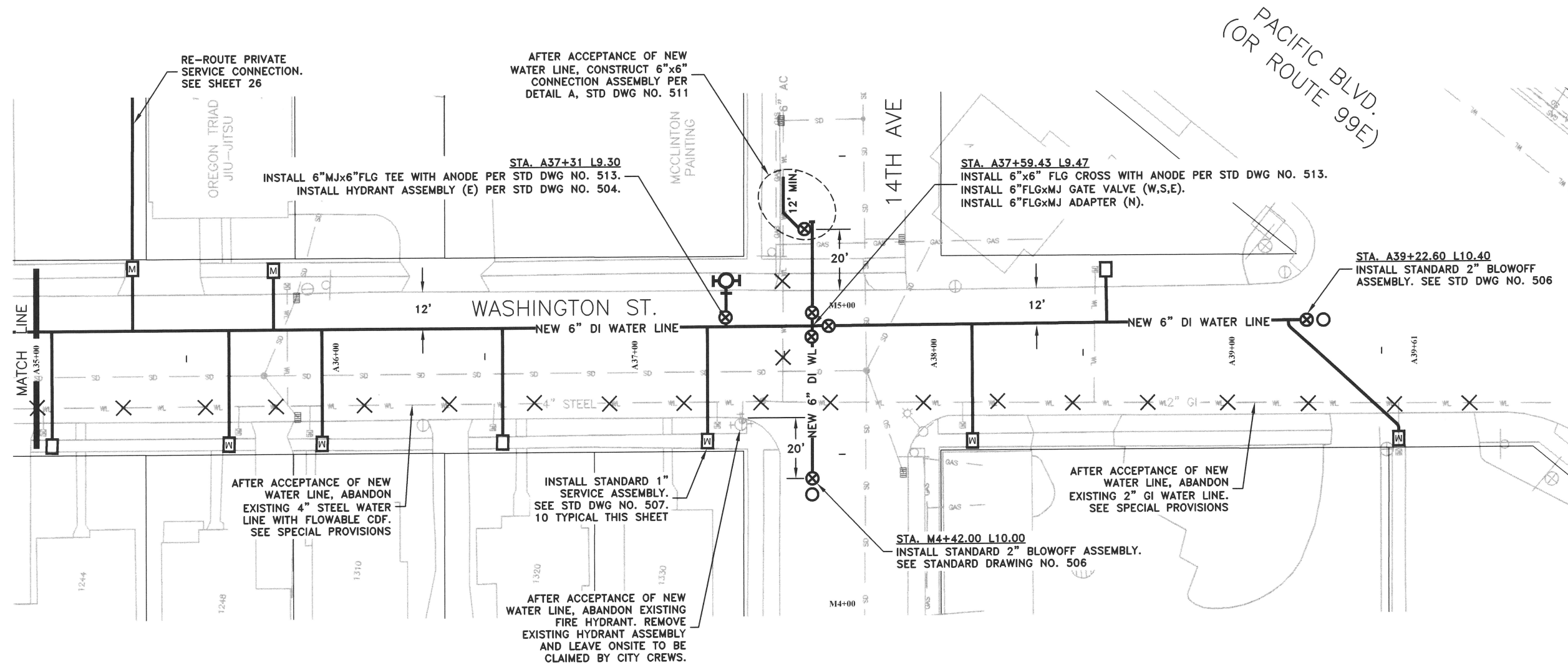
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. 430+00 TO 435+00



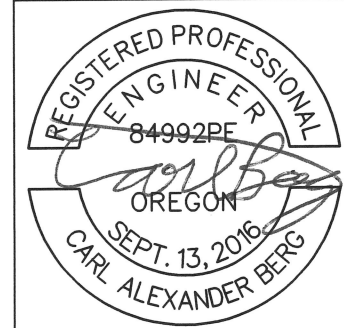
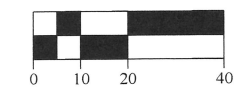
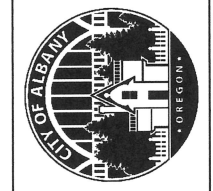
RENEWS: 12/31/2025
 SHEET NO. 8 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-01.dwg



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ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - WASHINGTON ST. STA. A35+00 TO A40+00

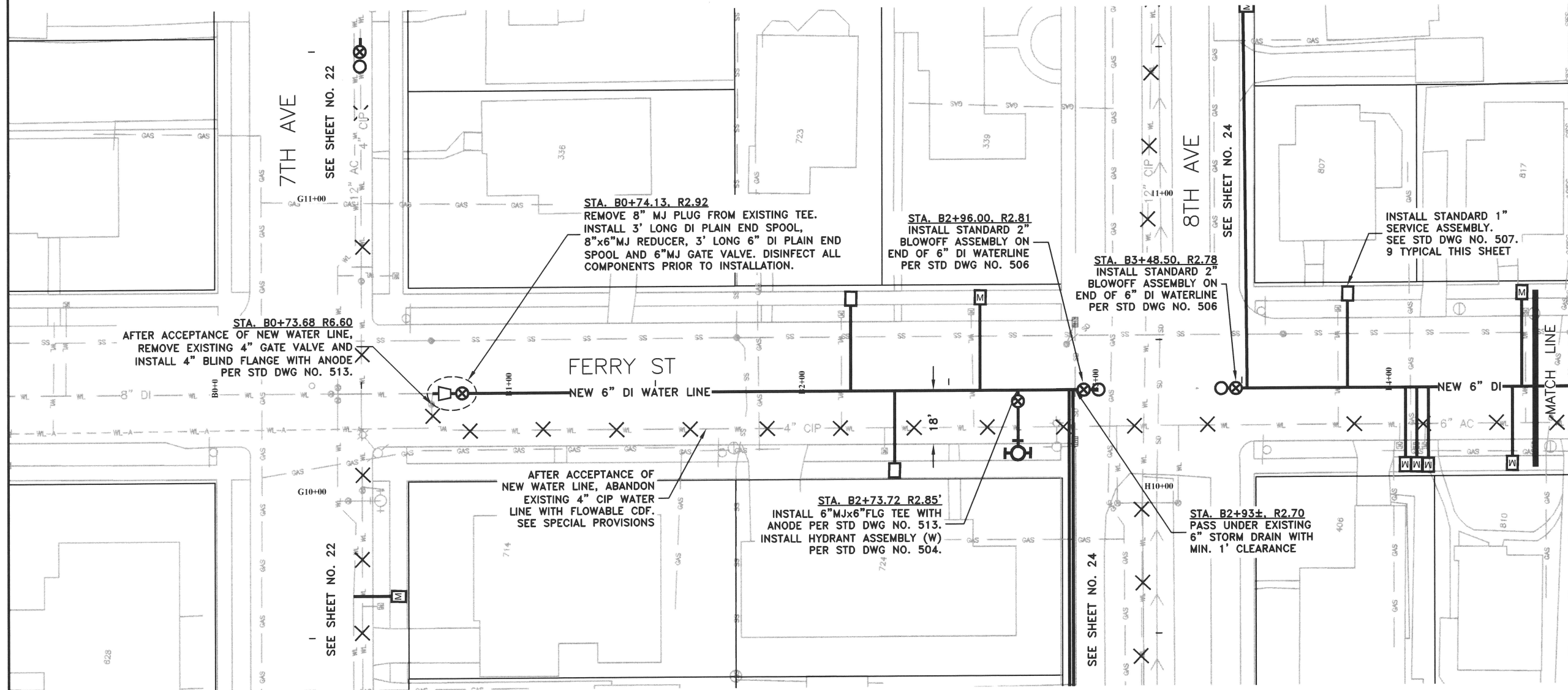


RENEWS: 12/31/2025

SHEET NO. 9 OF 47

PROJECT NO: ST-23-01

FILE: BASE.WL-23-01.dwg



STA. B0+73.68 R6.60
 AFTER ACCEPTANCE OF NEW WATER LINE,
 REMOVE EXISTING 4" GATE VALVE AND
 INSTALL 4" BLIND FLANGE WITH ANODE
 PER STD DWG NO. 513.

STA. B0+74.13 R2.92
 REMOVE 8" MJ PLUG FROM EXISTING TEE.
 INSTALL 3' LONG DI PLAIN END SPOOL,
 8"x6" MJ REDUCER, 3' LONG 6" DI PLAIN END
 SPOOL AND 6" MJ GATE VALVE. DISINFECT ALL
 COMPONENTS PRIOR TO INSTALLATION.

STA. B2+96.00 R2.81
 INSTALL STANDARD 2"
 BLOWOFF ASSEMBLY ON
 END OF 6" DI WATERLINE
 PER STD DWG NO. 506

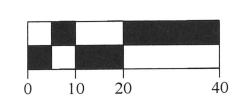
STA. B3+48.50 R2.78
 INSTALL STANDARD 2"
 BLOWOFF ASSEMBLY ON
 END OF 6" DI WATERLINE
 PER STD DWG NO. 506

INSTALL STANDARD 1"
 SERVICE ASSEMBLY.
 SEE STD DWG NO. 507.
 9 TYPICAL THIS SHEET

AFTER ACCEPTANCE OF
 NEW WATER LINE, ABANDON
 EXISTING 4" CIP WATER
 LINE WITH FLOWABLE CDF.
 SEE SPECIAL PROVISIONS

STA. B2+73.72 R2.85'
 INSTALL 6" MJx6" FLG TEE WITH
 ANODE PER STD DWG NO. 513.
 INSTALL HYDRANT ASSEMBLY (W)
 PER STD DWG NO. 504.

STA. B2+93± R2.70
 PASS UNDER EXISTING
 6" STORM DRAIN WITH
 MIN. 1' CLEARANCE



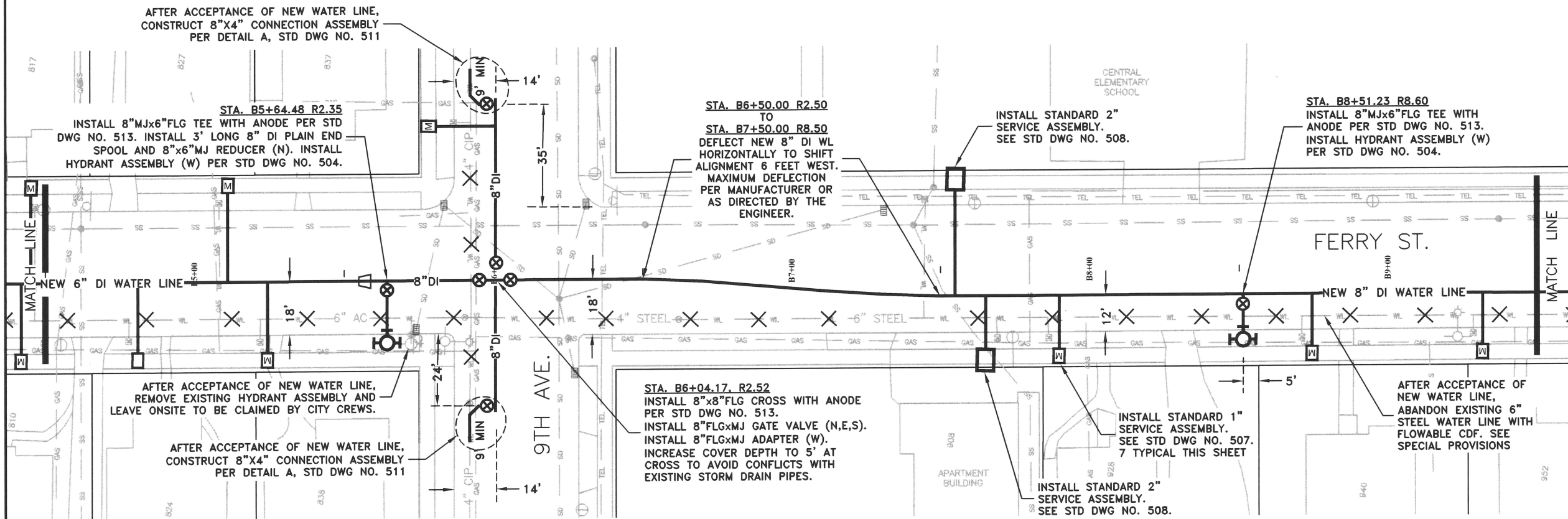
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ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - FERRY STREET STA. B0+00 TO B4+50



RENEWS: 12/31/2025
 SHEET NO. 10 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-02.dwg



AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x4" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511

STA. B5+64.48 R2.35
INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL 3' LONG 8" DI PLAIN END SPOOL AND 8"x6" MJ REDUCER (N). INSTALL HYDRANT ASSEMBLY (W) PER STD DWG NO. 504.

AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING HYDRANT ASSEMBLY AND LEAVE ONSITE TO BE CLAIMED BY CITY CREWS.

AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x4" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511

STA. B6+04.17 R2.52
INSTALL 8"x8" FLG CROSS WITH ANODE PER STD DWG NO. 513.
INSTALL 8" FLGxMJ GATE VALVE (N,E,S).
INSTALL 8" FLGxMJ ADAPTER (W).
INCREASE COVER DEPTH TO 5' AT CROSS TO AVOID CONFLICTS WITH EXISTING STORM DRAIN PIPES.

STA. B6+50.00 R2.50 TO STA. B7+50.00 R8.50
DEFLECT NEW 8" DI WL HORIZONTALLY TO SHIFT ALIGNMENT 6 FEET WEST. MAXIMUM DEFLECTION PER MANUFACTURER OR AS DIRECTED BY THE ENGINEER.

INSTALL STANDARD 2" SERVICE ASSEMBLY. SEE STD DWG NO. 508.

STA. B8+51.23 R8.60
INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (W) PER STD DWG NO. 504.

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 7 TYPICAL THIS SHEET

INSTALL STANDARD 2" SERVICE ASSEMBLY. SEE STD DWG NO. 508.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 6" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

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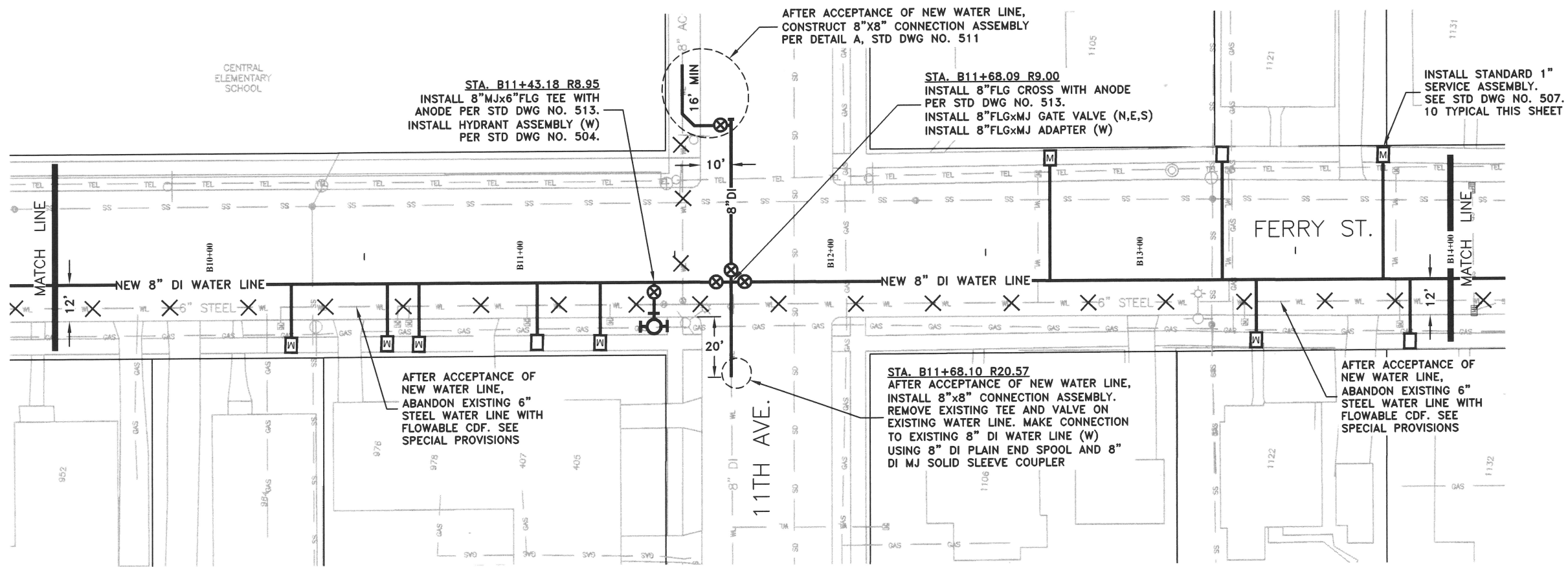
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - FERRY STREET STA. B4+50 TO B9+50



RENEWS: 12/31/2025
SHEET NO. 11 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-02.dwg



CENTRAL
ELEMENTARY
SCHOOL

STA. B11+43.18 R8.95
INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513.
INSTALL HYDRANT ASSEMBLY (W) PER STD DWG NO. 504.

AFTER ACCEPTANCE OF NEW WATER LINE,
CONSTRUCT 8"x8" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511

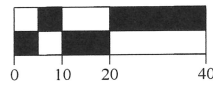
STA. B11+68.09 R9.00
INSTALL 8" FLG CROSS WITH ANODE PER STD DWG NO. 513.
INSTALL 8" FLGxMJ GATE VALVE (N,E,S)
INSTALL 8" FLGxMJ ADAPTER (W)

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 10 TYPICAL THIS SHEET

AFTER ACCEPTANCE OF NEW WATER LINE,
ABANDON EXISTING 6" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. B11+68.10 R20.57
AFTER ACCEPTANCE OF NEW WATER LINE, INSTALL 8"x8" CONNECTION ASSEMBLY. REMOVE EXISTING TEE AND VALVE ON EXISTING WATER LINE. MAKE CONNECTION TO EXISTING 8" DI WATER LINE (W) USING 8" DI PLAIN END SPOOL AND 8" DI MJ SOLID SLEEVE COUPLER

AFTER ACCEPTANCE OF NEW WATER LINE,
ABANDON EXISTING 6" STEEL WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS



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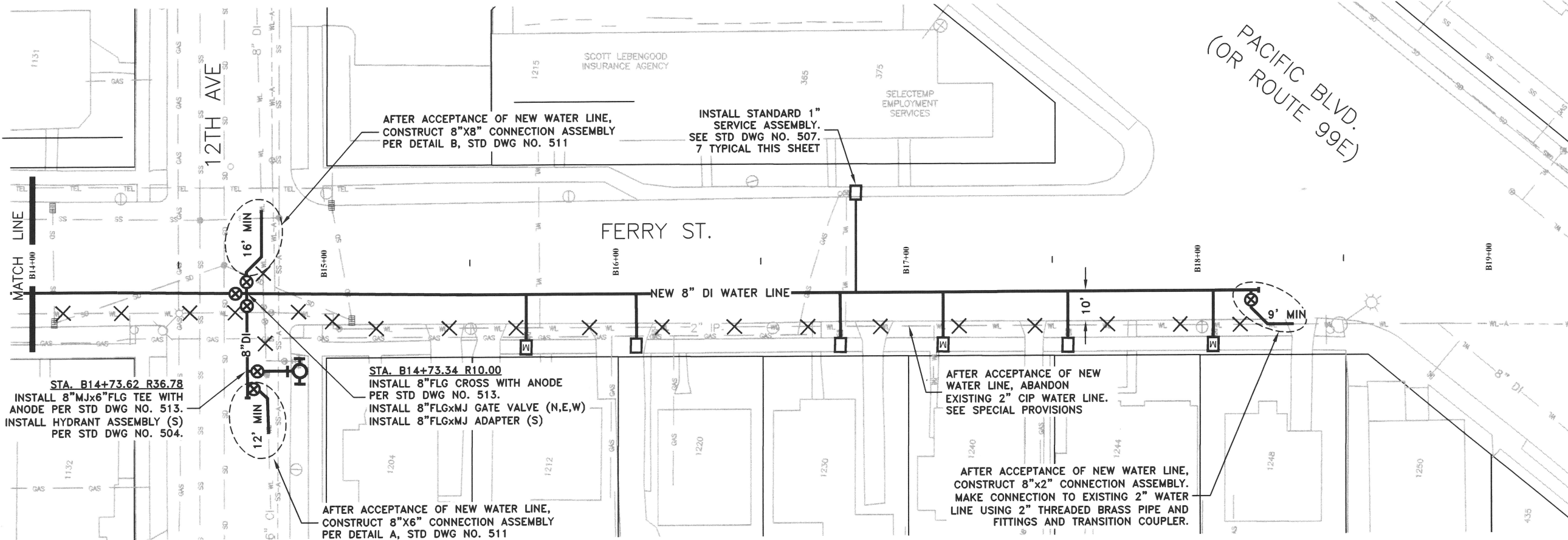
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ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - FERRY STREET STA. B9+50 TO B14+00



RENEWS: 12/31/2025
SHEET NO. 12 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-02.dwg



STA. B14+73.62 R36.78
 INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513.
 INSTALL HYDRANT ASSEMBLY (S) PER STD DWG NO. 504.

STA. B14+73.34 R10.00
 INSTALL 8" FLG CROSS WITH ANODE PER STD DWG NO. 513.
 INSTALL 8" FLGxMJ GATE VALVE (N,E,W)
 INSTALL 8" FLGxMJ ADAPTER (S)

AFTER ACCEPTANCE OF NEW WATER LINE,
 CONSTRUCT 8"x6" CONNECTION ASSEMBLY PER DETAIL A, STD DWG NO. 511

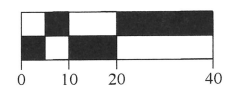
AFTER ACCEPTANCE OF NEW WATER LINE,
 CONSTRUCT 8"x8" CONNECTION ASSEMBLY PER DETAIL B, STD DWG NO. 511

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 7 TYPICAL THIS SHEET

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 2" CIP WATER LINE. SEE SPECIAL PROVISIONS

AFTER ACCEPTANCE OF NEW WATER LINE, CONSTRUCT 8"x2" CONNECTION ASSEMBLY. MAKE CONNECTION TO EXISTING 2" WATER LINE USING 2" THREADED BRASS PIPE AND FITTINGS AND TRANSITION COUPLER.

PACIFIC BLVD.
 (OR ROUTE 99E)

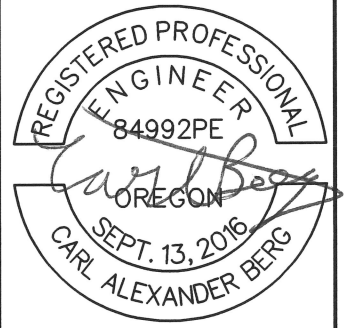


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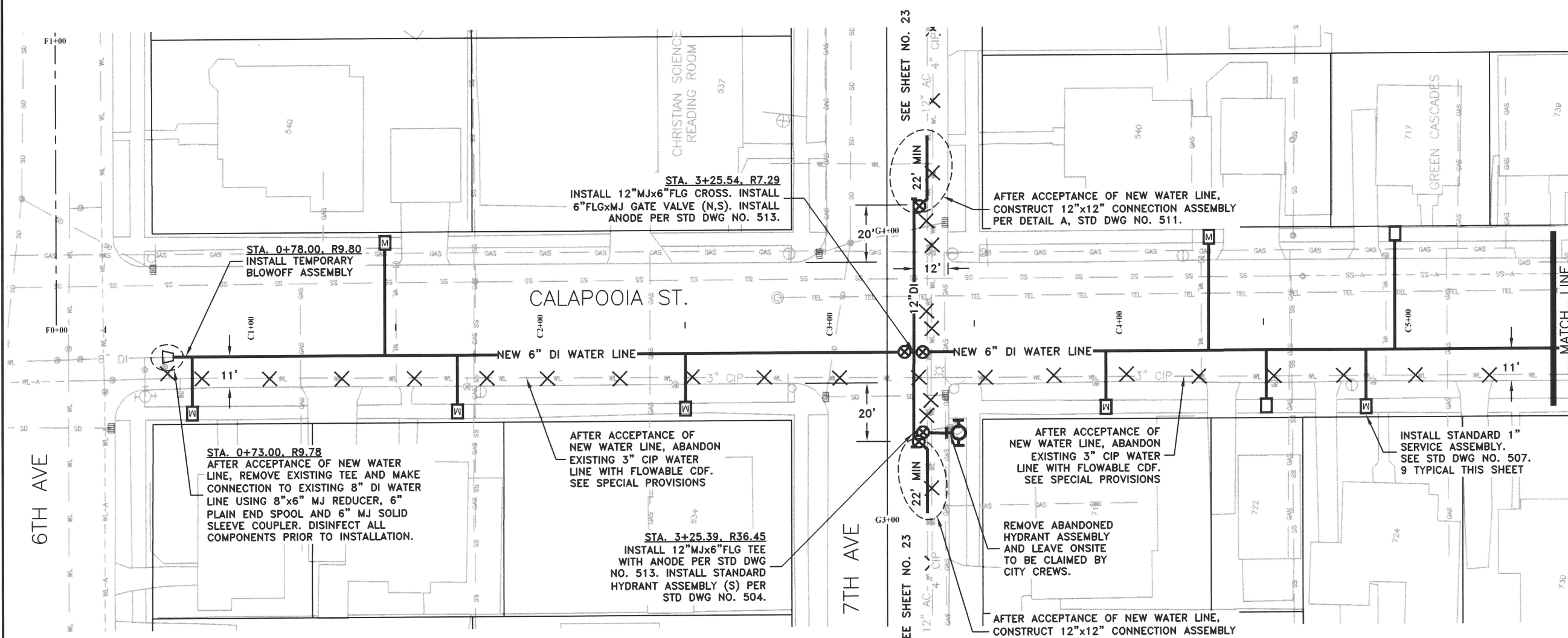
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ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - FERRY STREET STA. B14+00 TO B19+00



RENEWS: 12/31/2025
 SHEET NO. 13 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-02.dwg



6TH AVE

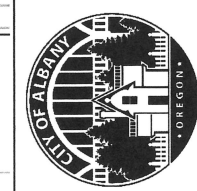
7TH AVE

CALAPOOIA ST.

CHRISTIAN SCIENCE
READING ROOM
537

GREEN CASCADES
717

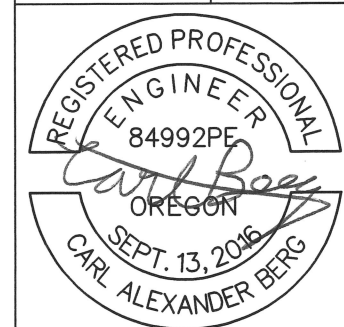
730



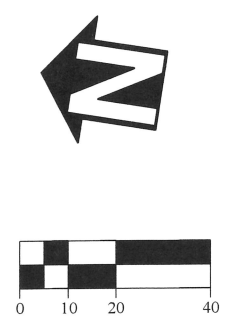
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C0+50 TO C5+50**

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RENEWS: 12/31/2025
SHEET NO. 14 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-03.dwg



SEE SHEET NO. 23

STA. 0+78.00, R9.80
INSTALL TEMPORARY
BLOWOFF ASSEMBLY

STA. 0+73.00, R9.78
AFTER ACCEPTANCE OF NEW WATER
LINE, REMOVE EXISTING TEE AND MAKE
CONNECTION TO EXISTING 8" DI WATER
LINE USING 8"x6" MJ REDUCER, 6"
PLAIN END SPOOL AND 6" MJ SOLID
SLEEVE COUPLER. DISINFECT ALL
COMPONENTS PRIOR TO INSTALLATION.

STA. 3+25.54, R7.29
INSTALL 12" MJx6" FLG CROSS. INSTALL
6" FLGxMJ GATE VALVE (N,S). INSTALL
ANODE PER STD DWG NO. 513.

AFTER ACCEPTANCE OF
NEW WATER LINE, ABANDON
EXISTING 3" CIP WATER
LINE WITH FLOWABLE CDF.
SEE SPECIAL PROVISIONS

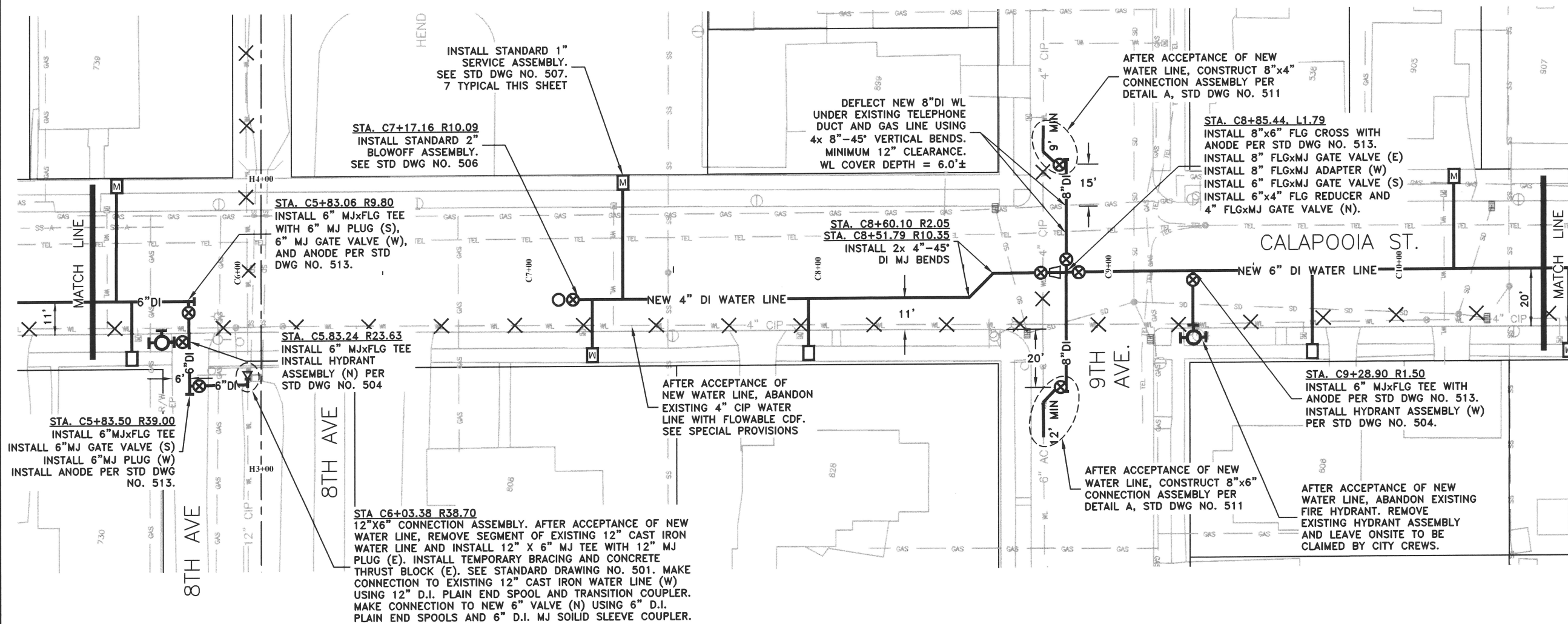
STA. 3+25.39, R36.45
INSTALL 12" MJx6" FLG TEE
WITH ANODE PER STD DWG
NO. 513. INSTALL STANDARD
HYDRANT ASSEMBLY (S) PER
STD DWG NO. 504.

AFTER ACCEPTANCE OF NEW WATER LINE,
CONSTRUCT 12"x12" CONNECTION ASSEMBLY
PER DETAIL A, STD DWG NO. 511.

AFTER ACCEPTANCE OF
NEW WATER LINE, ABANDON
EXISTING 3" CIP WATER
LINE WITH FLOWABLE CDF.
SEE SPECIAL PROVISIONS

REMOVE ABANDONED
HYDRANT ASSEMBLY
AND LEAVE ONSITE
TO BE CLAIMED BY
CITY CREWS.

AFTER ACCEPTANCE OF NEW WATER LINE,
CONSTRUCT 12"x12" CONNECTION ASSEMBLY
PER DETAIL A, STD DWG NO. 511.

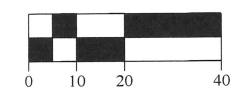


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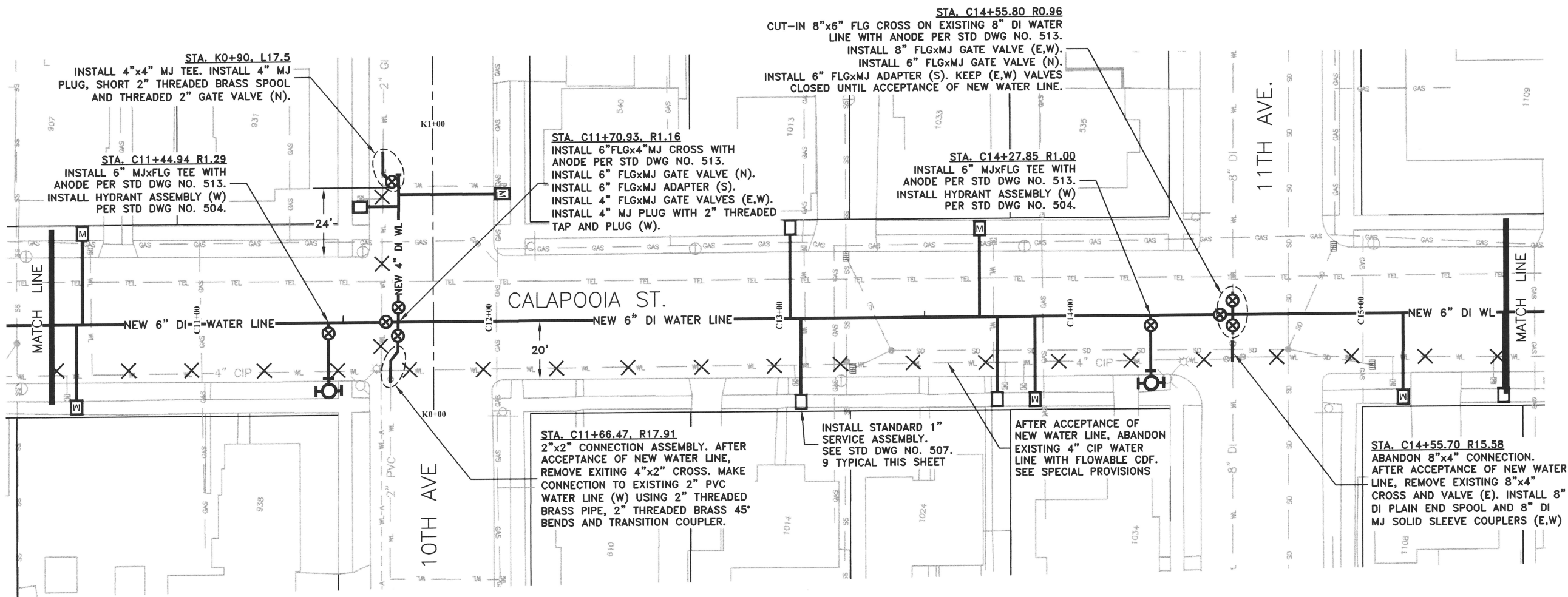
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ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C5+50 TO C10+50**



RENEWS: 12/31/2025
SHEET NO. 15 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-03.dwg



STA. K0+90. L17.5
 INSTALL 4"x4" MJ TEE. INSTALL 4" MJ PLUG, SHORT 2" THREADED BRASS SPOOL AND THREADED 2" GATE VALVE (N).

STA. C11+44.94 R1.29
 INSTALL 6" MJxFLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (W) PER STD DWG NO. 504.

STA. C11+70.93. R1.16
 INSTALL 6" FLGx4" MJ CROSS WITH ANODE PER STD DWG NO. 513. INSTALL 6" FLGxMJ GATE VALVE (N). INSTALL 6" FLGxMJ ADAPTER (S). INSTALL 4" FLGxMJ GATE VALVES (E,W). INSTALL 4" MJ PLUG WITH 2" THREADED TAP AND PLUG (W).

STA. C14+55.80 R0.96
 CUT-IN 8"x6" FLG CROSS ON EXISTING 8" DI WATER LINE WITH ANODE PER STD DWG NO. 513. INSTALL 8" FLGxMJ GATE VALVE (E,W). INSTALL 6" FLGxMJ GATE VALVE (N). INSTALL 6" FLGxMJ ADAPTER (S). KEEP (E,W) VALVES CLOSED UNTIL ACCEPTANCE OF NEW WATER LINE.

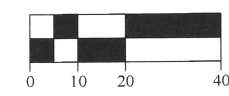
STA. C14+27.85 R1.00
 INSTALL 6" MJxFLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (W) PER STD DWG NO. 504.

STA. C11+66.47. R17.91
 2"x2" CONNECTION ASSEMBLY. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 4"x2" CROSS. MAKE CONNECTION TO EXISTING 2" PVC WATER LINE (W) USING 2" THREADED BRASS PIPE, 2" THREADED BRASS 45° BENDS AND TRANSITION COUPLER.

INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 9 TYPICAL THIS SHEET

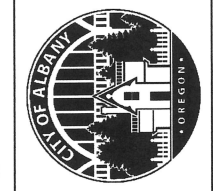
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 4" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. C14+55.70 R15.58
 ABANDON 8"x4" CONNECTION. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 8"x4" CROSS AND VALVE (E). INSTALL 8" DI PLAIN END SPOOL AND 8" DI MJ SOLID SLEEVE COUPLERS (E,W)

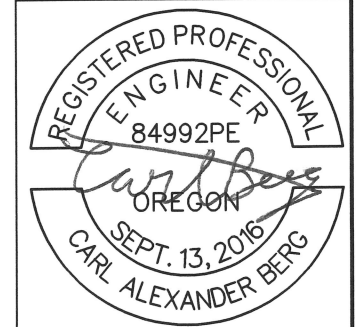


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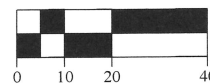
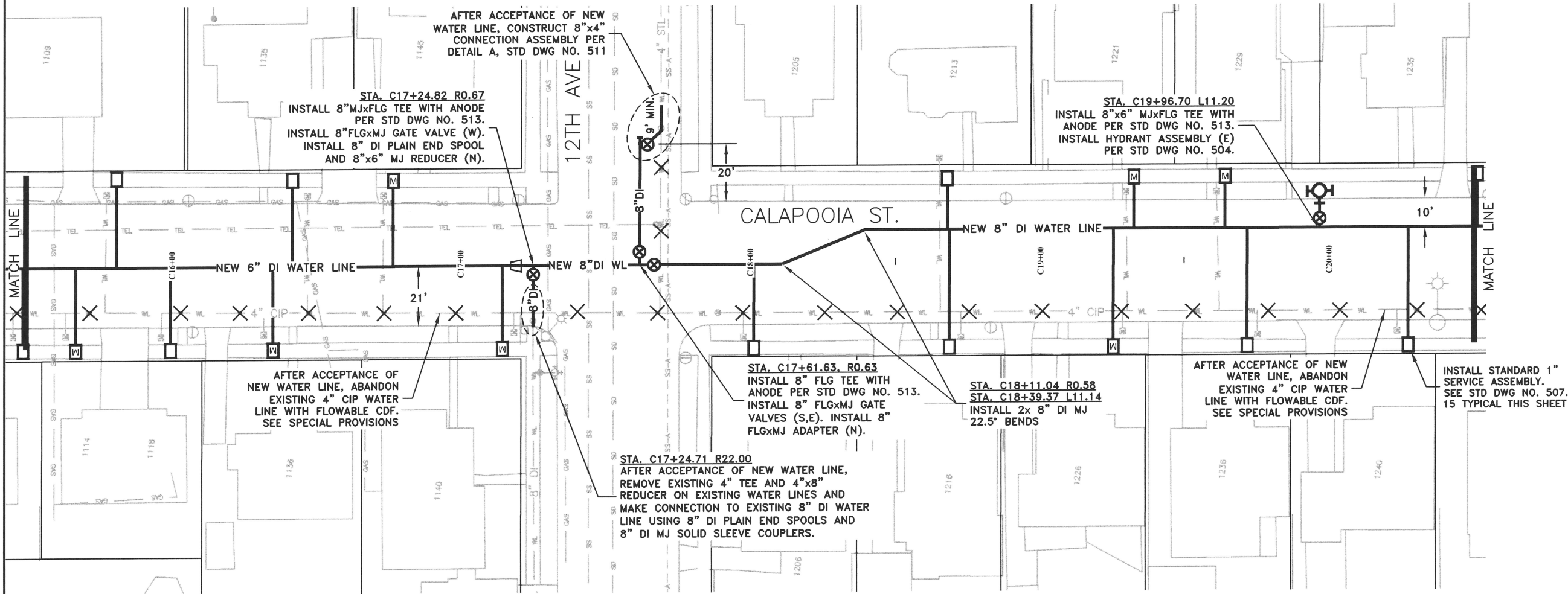
**PUBLIC WORKS DEPARTMENT
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**ST-23-01, WASHINGTON STREET AREA PROJECTS
 WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C10+50 TO C15+50**




RENEWS: 12/31/2025
 SHEET NO. 16 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-03.dwg

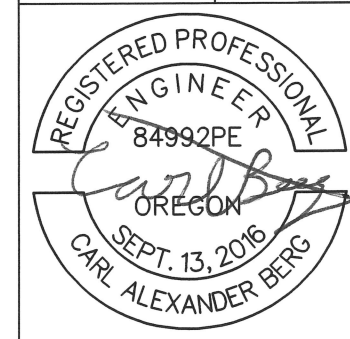


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ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C15+50 TO C20+50



RENEWS: 12/31/2025


SHEET NO. 17 OF 47

PROJECT NO: ST-23-01


FILE: BASE.WL-23-03.dwg

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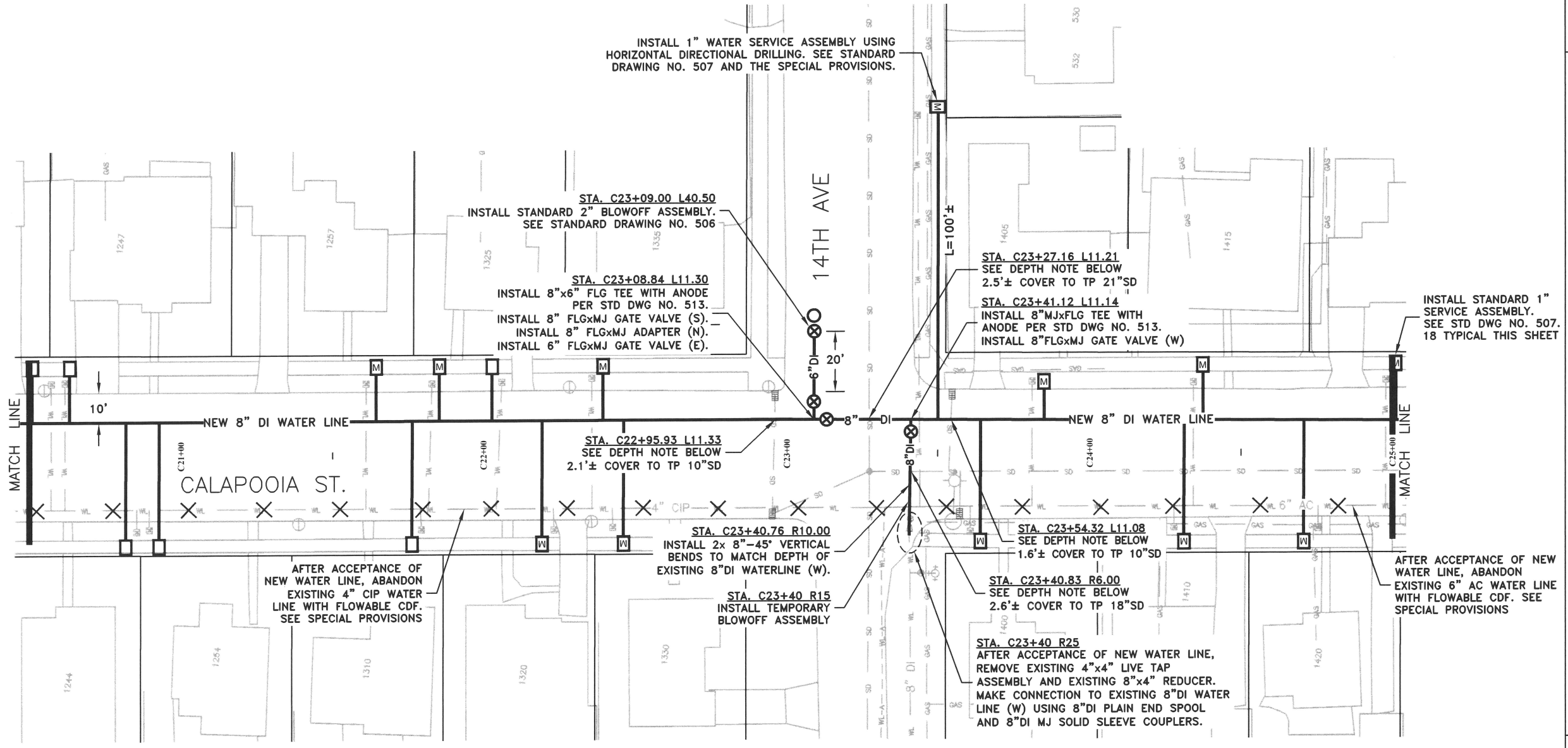
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**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C20+50 TO C25+00**



RENEWS: 12/31/2025
SHEET NO. 18 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-03.dwg

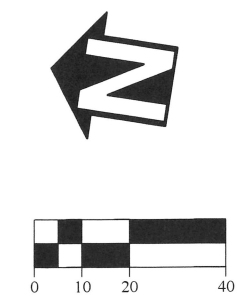


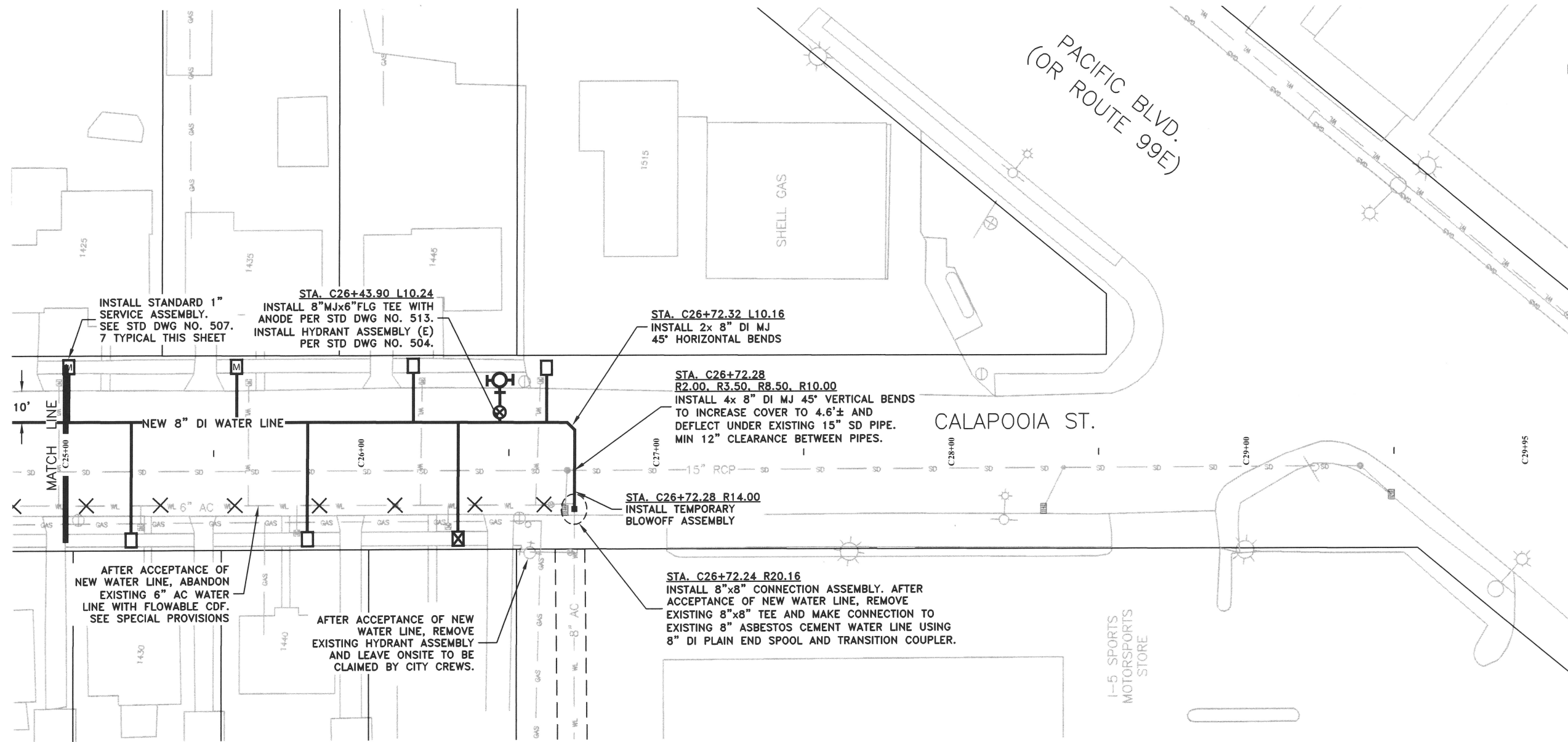
DEPTH NOTE: WATER UNDERCROSSINGS STA. C22+95.93 TO C23+54.32 (14TH AVENUE & CALAPOOIA STREET INTERSECTION AREA)

INCREASE COVER DEPTH OF NEW DI WATER LINE (INCLUDING BOTH TEE FITTINGS) TO CROSS UNDER STORM PIPE SYSTEM.

ALL CROSSINGS SHALL HAVE CLEARANCE OF NO LESS THAN 6". CROSSINGS WITH LESS THAN 12" CLEARANCE SHALL HAVE UNDERGROUND UTILITY SUPPORTS PER STD DWG NO. 211.

SPECIFIC DEPTHS AT EACH CROSSING AS NOTED ON PLAN VIEW.





INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 7 TYPICAL THIS SHEET

STA. C26+43.90 L10.24
INSTALL 8" MJx6" FLG TEE WITH ANODE PER STD DWG NO. 513. INSTALL HYDRANT ASSEMBLY (E) PER STD DWG NO. 504.

STA. C26+72.32 L10.16
INSTALL 2x 8" DI MJ 45° HORIZONTAL BENDS

STA. C26+72.28 R2.00, R3.50, R8.50, R10.00
INSTALL 4x 8" DI MJ 45° VERTICAL BENDS TO INCREASE COVER TO 4.6'± AND DEFLECT UNDER EXISTING 15" SD PIPE. MIN 12" CLEARANCE BETWEEN PIPES.

STA. C26+72.28 R14.00
INSTALL TEMPORARY BLOWOFF ASSEMBLY

STA. C26+72.24 R20.16
INSTALL 8"x8" CONNECTION ASSEMBLY. AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 8"x8" TEE AND MAKE CONNECTION TO EXISTING 8" ASBESTOS CEMENT WATER LINE USING 8" DI PLAIN END SPOOL AND TRANSITION COUPLER.

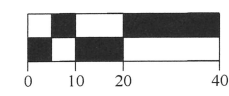
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 6" AC WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING HYDRANT ASSEMBLY AND LEAVE ON-SITE TO BE CLAIMED BY CITY CREWS.

PACIFIC BLVD.
(OR ROUTE 99E)

CALAPOOIA ST.

I-5 SPORTS MOTORSPORTS STORE



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --
	NO: --
	BY: --
	DATE: --

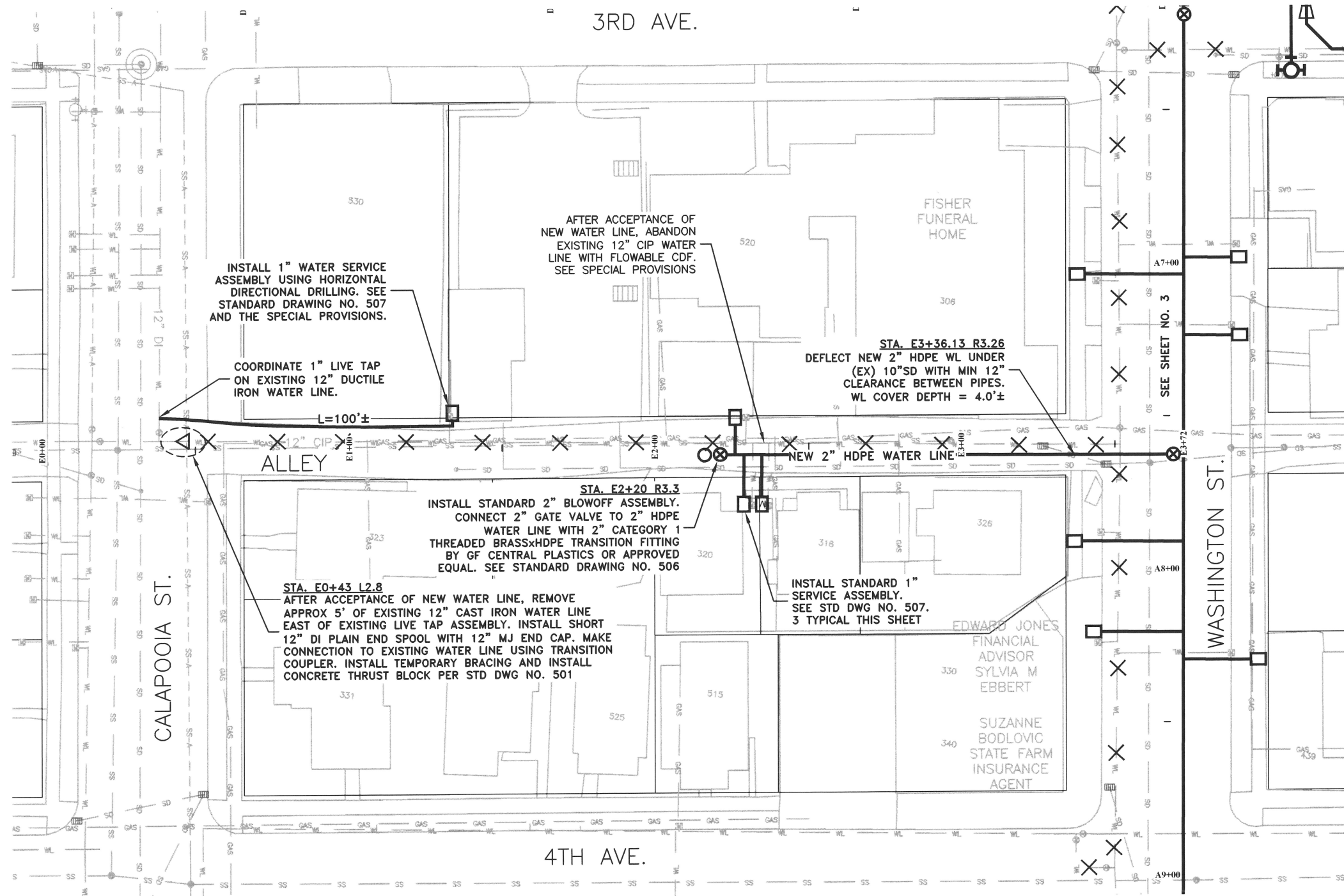
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CALAPOOIA ST. STA. C25+00 TO C29+00



RENEWS: 12/31/2025
SHEET NO. 19 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-03.dwg



INSTALL 1" WATER SERVICE ASSEMBLY USING HORIZONTAL DIRECTIONAL DRILLING. SEE STANDARD DRAWING NO. 507 AND THE SPECIAL PROVISIONS.

COORDINATE 1" LIVE TAP ON EXISTING 12" DUCTILE IRON WATER LINE.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. E3+36.13 R3.26
DEFLECT NEW 2" HDPE WL UNDER (EX) 10"SD WITH MIN 12" CLEARANCE BETWEEN PIPES. WL COVER DEPTH = 4.0'±

STA. E2+20 R3.3
INSTALL STANDARD 2" BLOWOFF ASSEMBLY. CONNECT 2" GATE VALVE TO 2" HDPE WATER LINE WITH 2" CATEGORY 1 THREADED BRASSxHDPE TRANSITION FITTING BY GF CENTRAL PLASTICS OR APPROVED EQUAL. SEE STANDARD DRAWING NO. 506

STA. E0+43 L2.8
AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE APPROX 5' OF EXISTING 12" CAST IRON WATER LINE EAST OF EXISTING LIVE TAP ASSEMBLY. INSTALL SHORT 12" DI PLAIN END SPOOL WITH 12" MJ END CAP. MAKE CONNECTION TO EXISTING WATER LINE USING TRANSITION COUPLER. INSTALL TEMPORARY BRACING AND INSTALL CONCRETE THRUST BLOCK PER STD DWG NO. 501

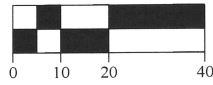
INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 3 TYPICAL THIS SHEET

3RD AVE.

CALAPOOIA ST.

WASHINGTON ST.

4TH AVE.



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

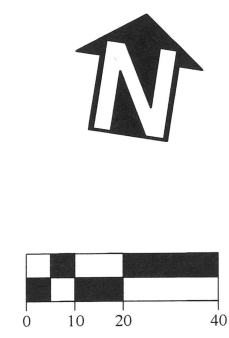
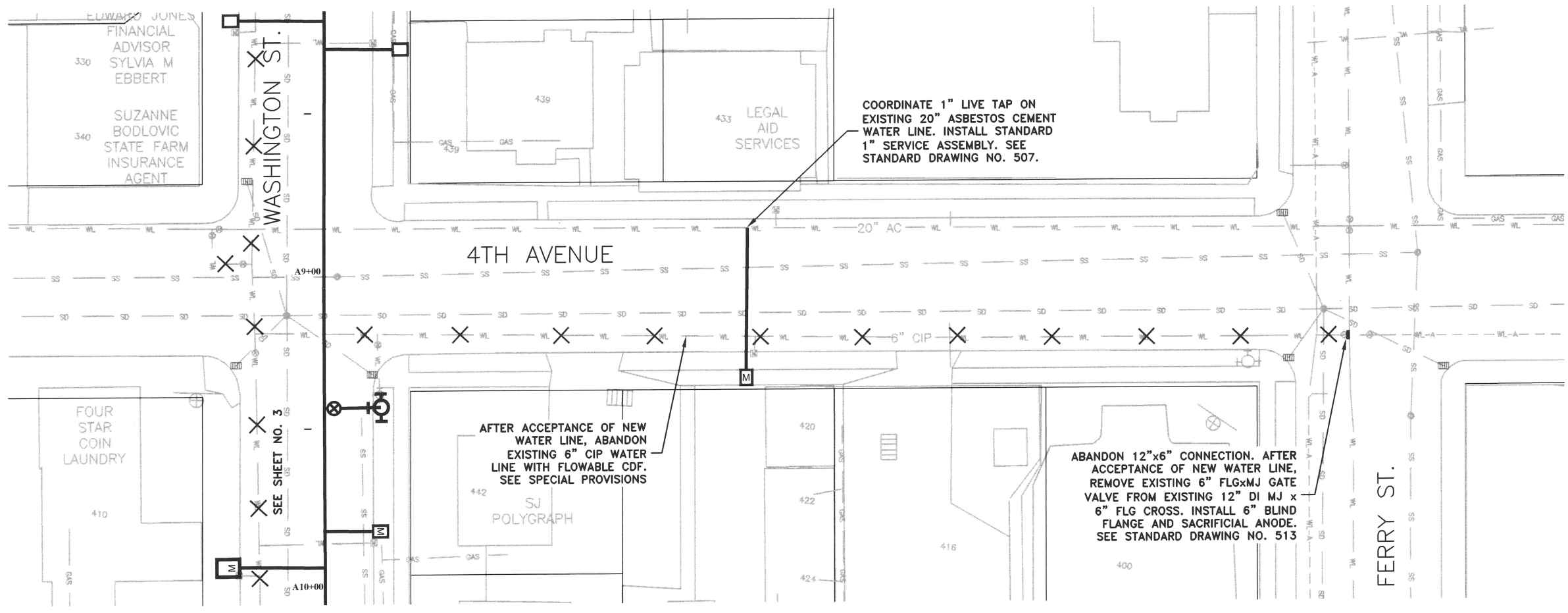
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 3.5 AVENUE ALLEY




RENEWS: 12/31/2025
SHEET NO. 20 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-01.dwg

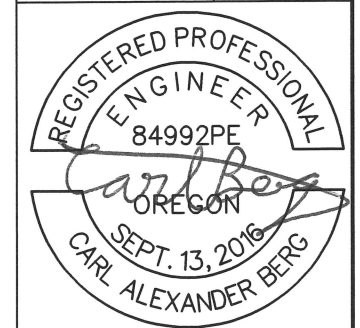


DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

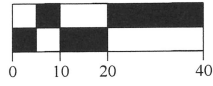
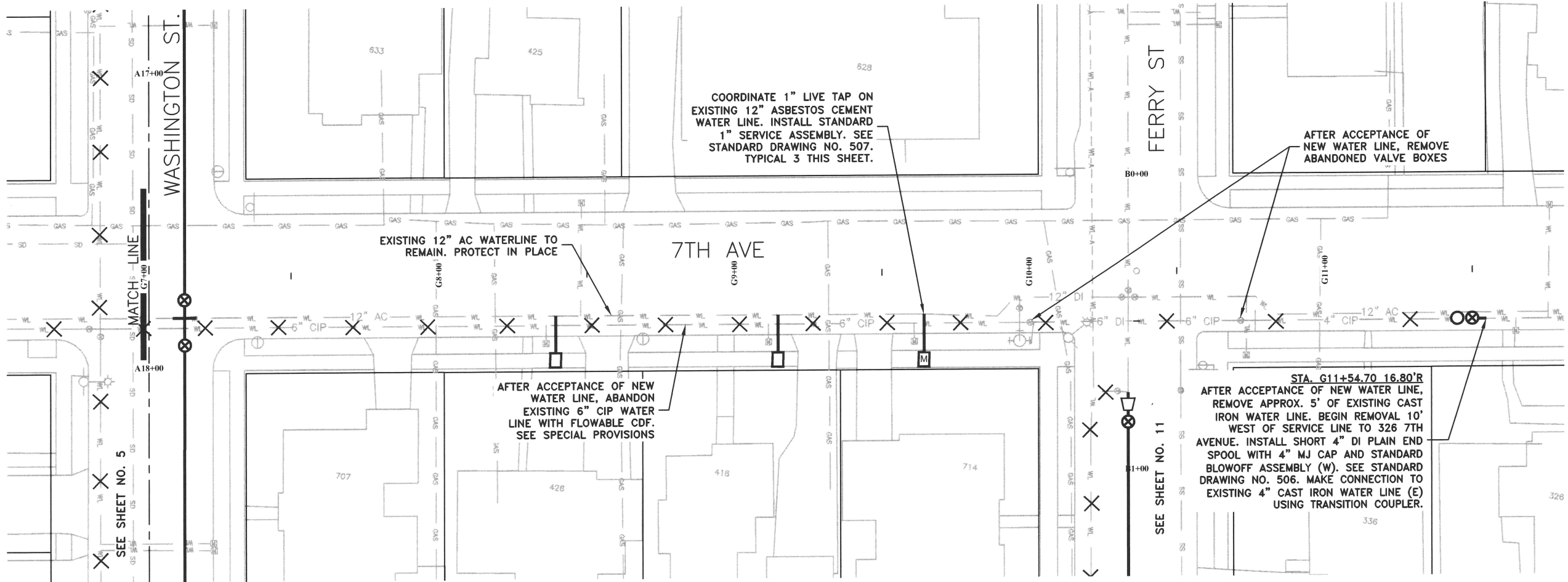
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 4TH AVENUE



RENEWS: 12/31/2025
 SHEET NO. 21 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-01.dwg



DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	NO: --
	DATE: --
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	DATE: --
	NO: --

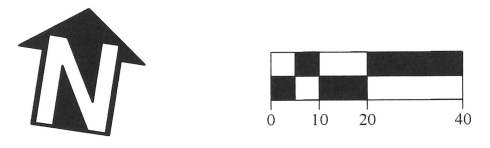
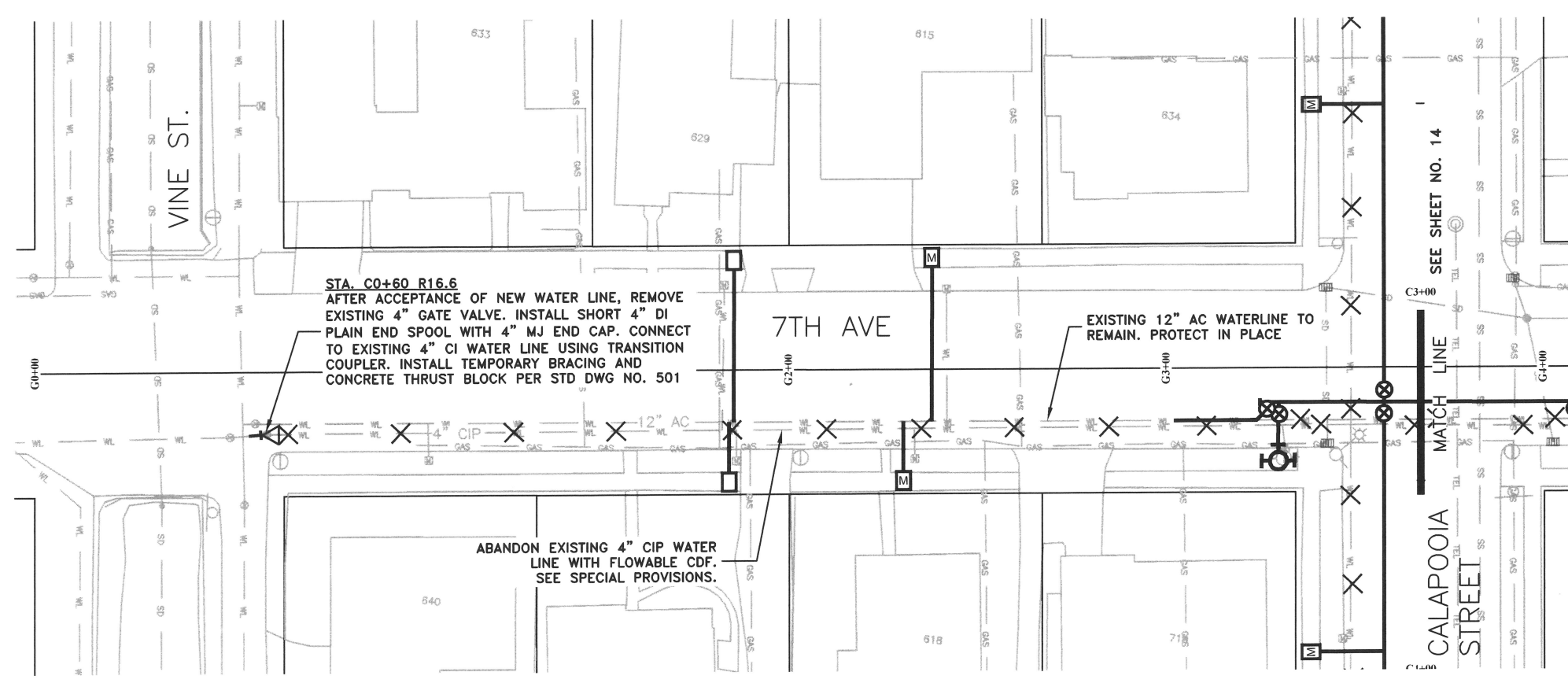
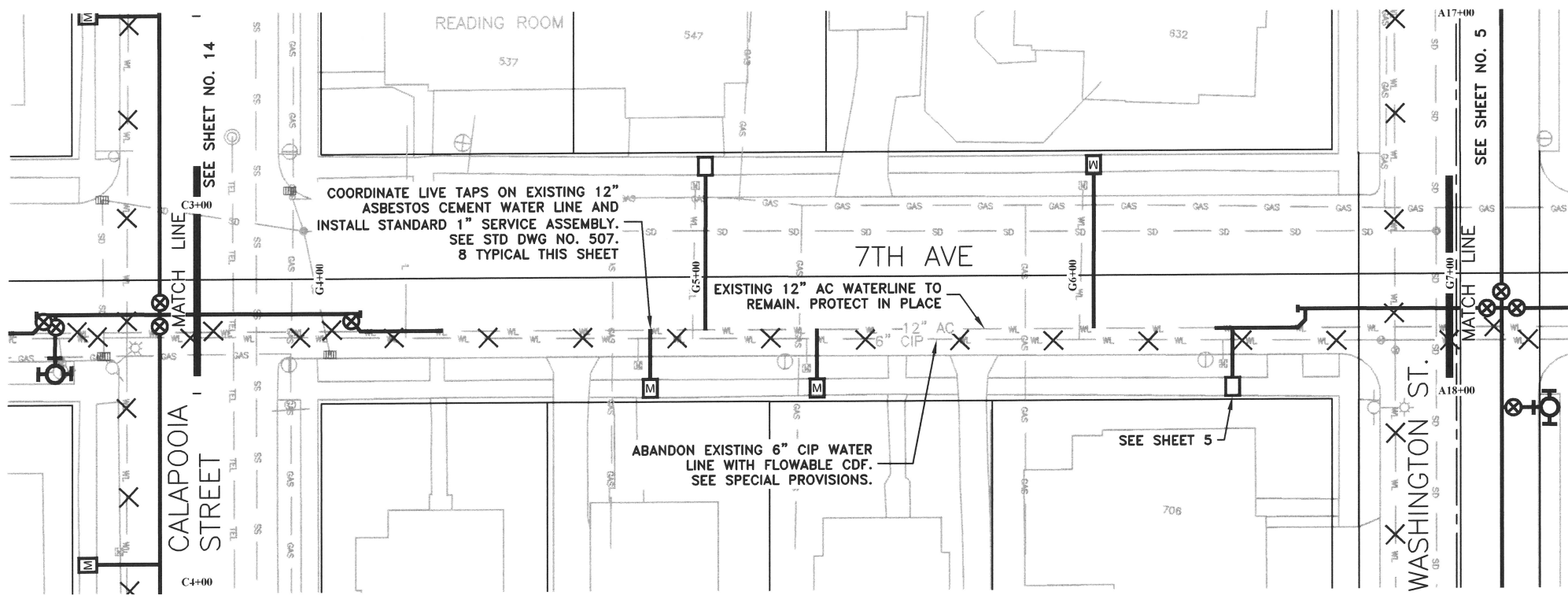
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 7TH AVENUE STA. G7+00 TO G10+70**



RENEWS: 12/31/2025
SHEET NO. 22 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-02.dwg



STA. C0+60 R16.6
 AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE EXISTING 4" GATE VALVE. INSTALL SHORT 4" DI PLAIN END SPOOL WITH 4" MJ END CAP. CONNECT TO EXISTING 4" CI WATER LINE USING TRANSITION COUPLER. INSTALL TEMPORARY BRACING AND CONCRETE THRUST BLOCK PER STD DWG NO. 501

ABANDON EXISTING 4" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.

EXISTING 12" AC WATERLINE TO REMAIN. PROTECT IN PLACE

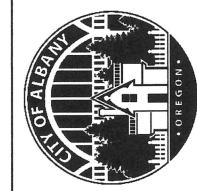
COORDINATE LIVE TAPS ON EXISTING 12" ASBESTOS CEMENT WATER LINE AND INSTALL STANDARD 1" SERVICE ASSEMBLY. SEE STD DWG NO. 507. 8 TYPICAL THIS SHEET

EXISTING 12" AC WATERLINE TO REMAIN. PROTECT IN PLACE

ABANDON EXISTING 6" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.

SEE SHEET 5

SEE SHEET NO. 14

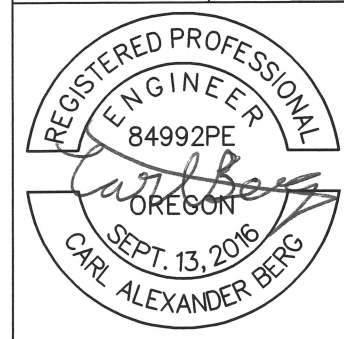


PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

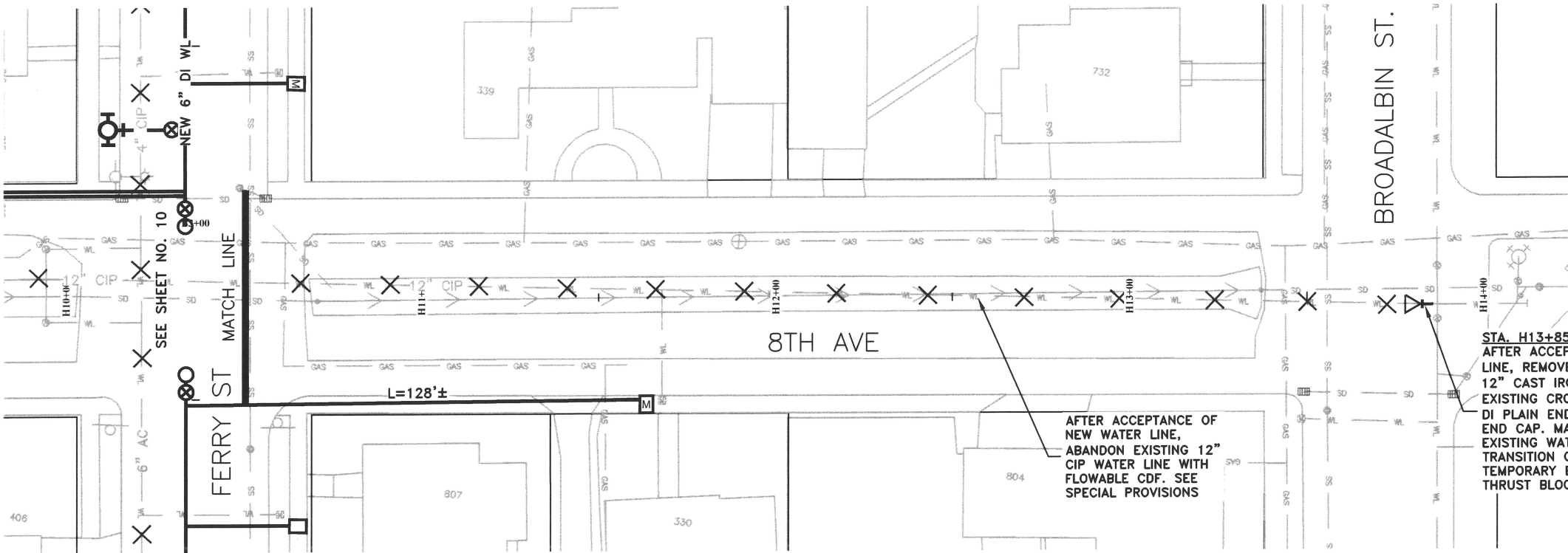
ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 7TH AVENUE STA G0+00 TO G7+00

DESIGNED: C. BERG
 DRAWN: C. BERG
 CHECKED: C. CERKLEWSKI
 DATE: 4/18/2024

REVISIONS	
NO.	BY:

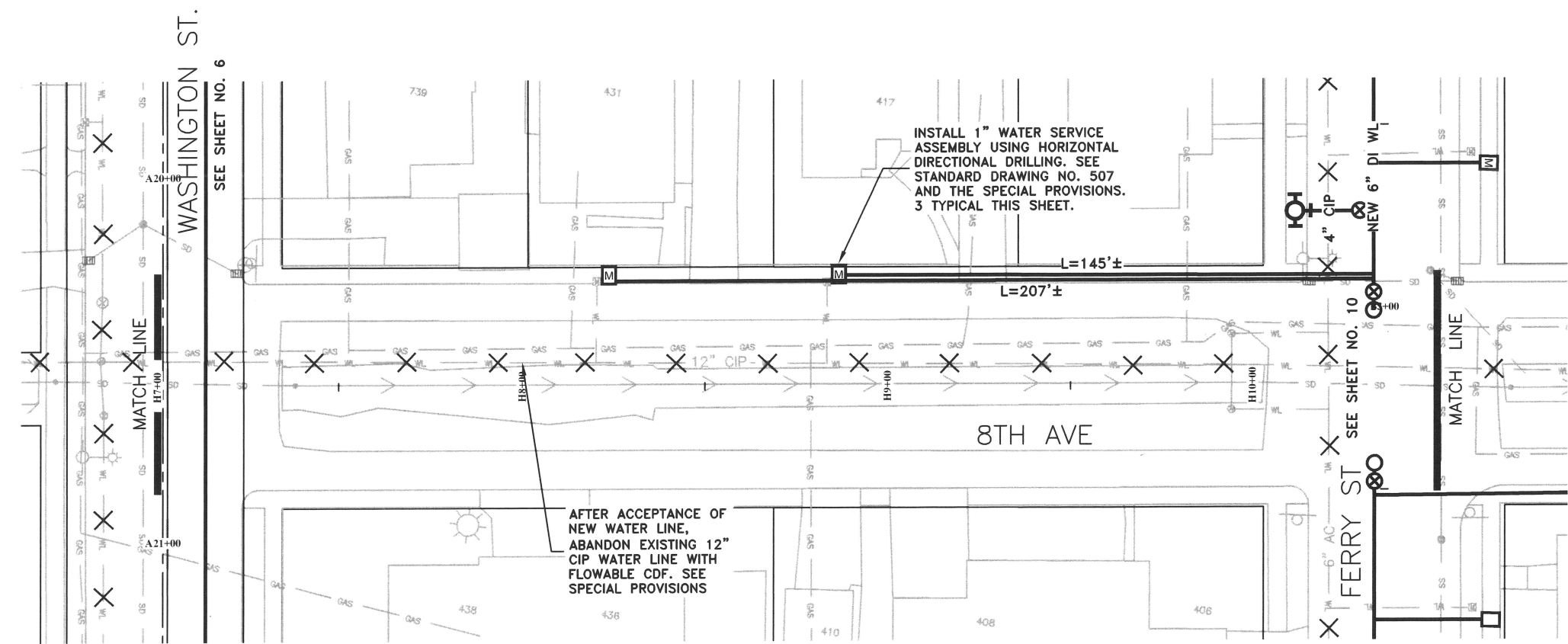


RENEWS: 12/31/2025
 SHEET NO. 23 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-03.dwg



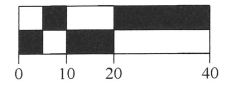
AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

STA. H13+85 R2.50
 AFTER ACCEPTANCE OF NEW WATER LINE, REMOVE APPROX 5' OF EXISTING 12" CAST IRON WATER LINE WEST OF EXISTING CROSS. INSTALL SHORT 12" DI PLAIN END SPOOL WITH 12" MJ END CAP. MAKE CONNECTION TO EXISTING WATER LINE USING TRANSITION COUPLER. INSTALL TEMPORARY BRACING AND CONCRETE THRUST BLOCK PER STD DWG NO. 501



INSTALL 1" WATER SERVICE ASSEMBLY USING HORIZONTAL DIRECTIONAL DRILLING. SEE STANDARD DRAWING NO. 507 AND THE SPECIAL PROVISIONS. 3 TYPICAL THIS SHEET.

AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS

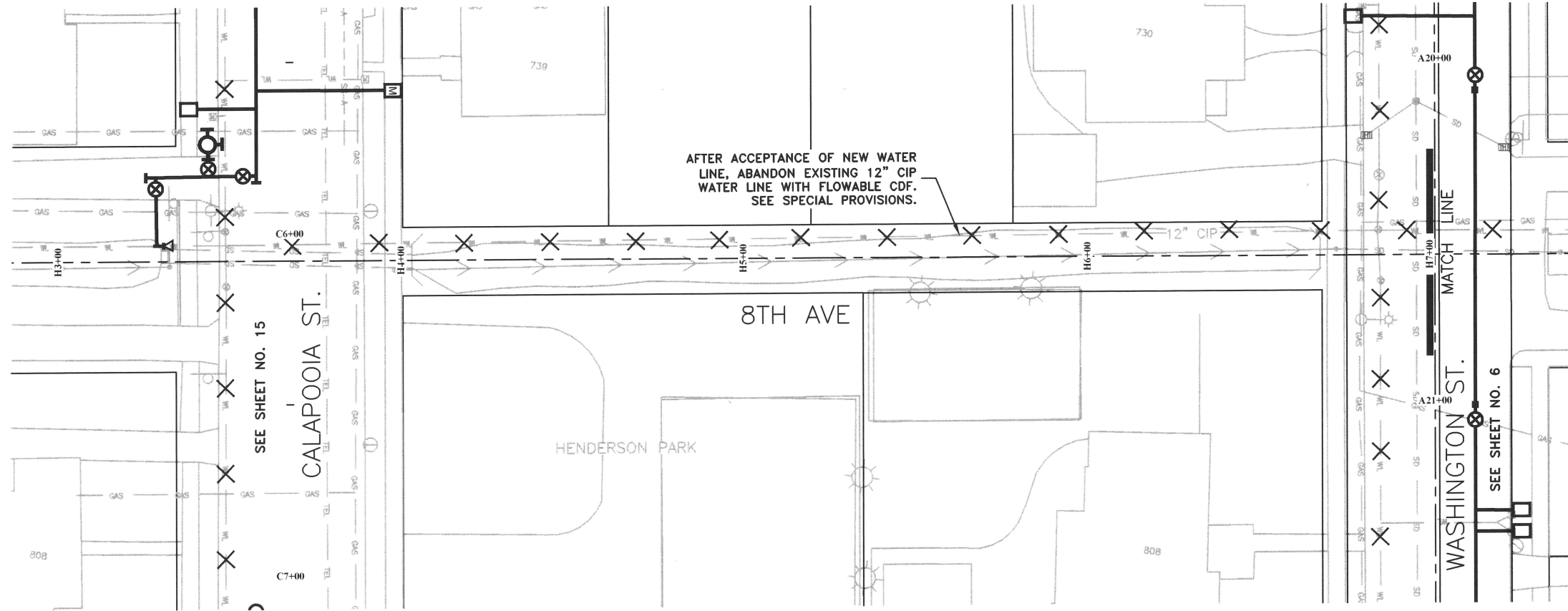


DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 8TH AVENUE STA. H7+00 TO H14+00

RENEWS: 12/31/2025
 SHEET NO. 24 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.WL-23-02.dwg



AFTER ACCEPTANCE OF NEW WATER LINE, ABANDON EXISTING 12" CIP WATER LINE WITH FLOWABLE CDF. SEE SPECIAL PROVISIONS.

SEE SHEET NO. 15

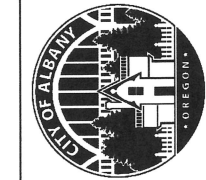
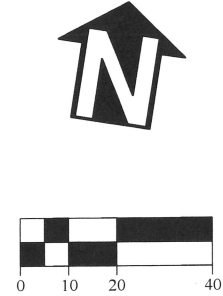
CALAPOOIA ST.

8TH AVE

HENDERSON PARK

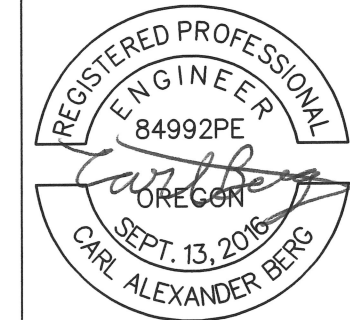
WASHINGTON ST.

SEE SHEET NO. 6



**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

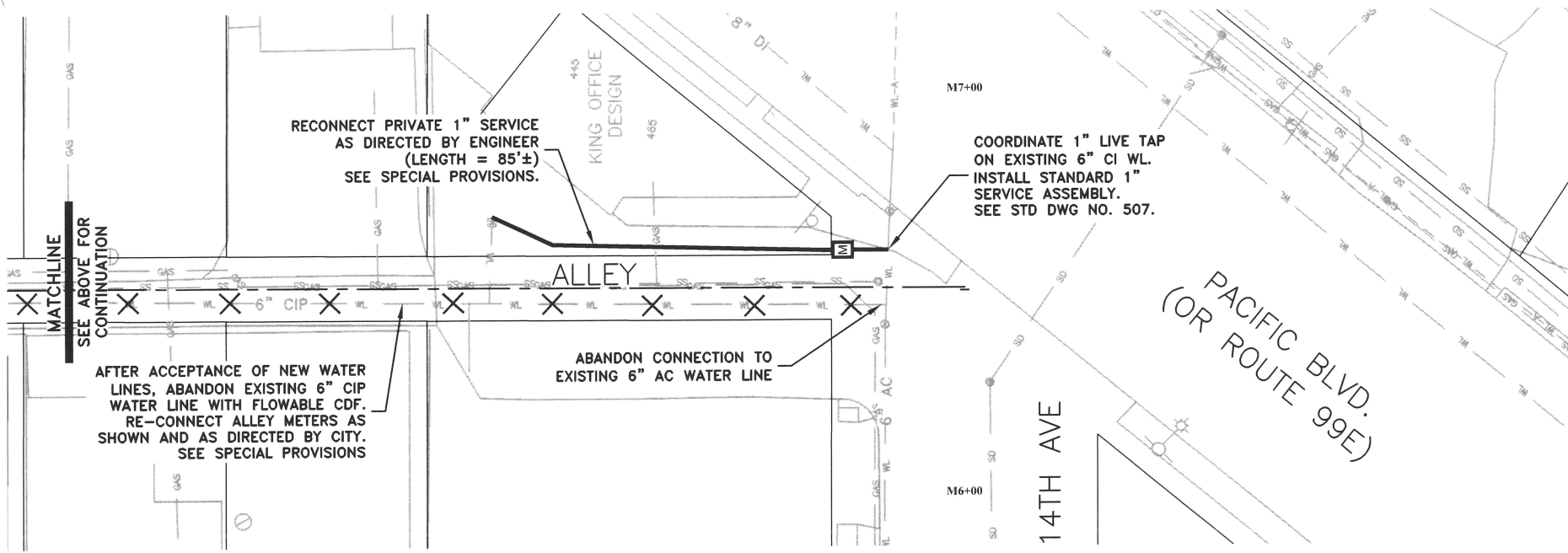
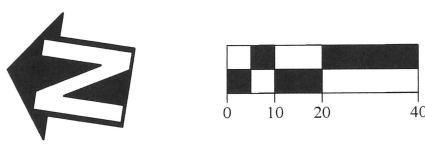
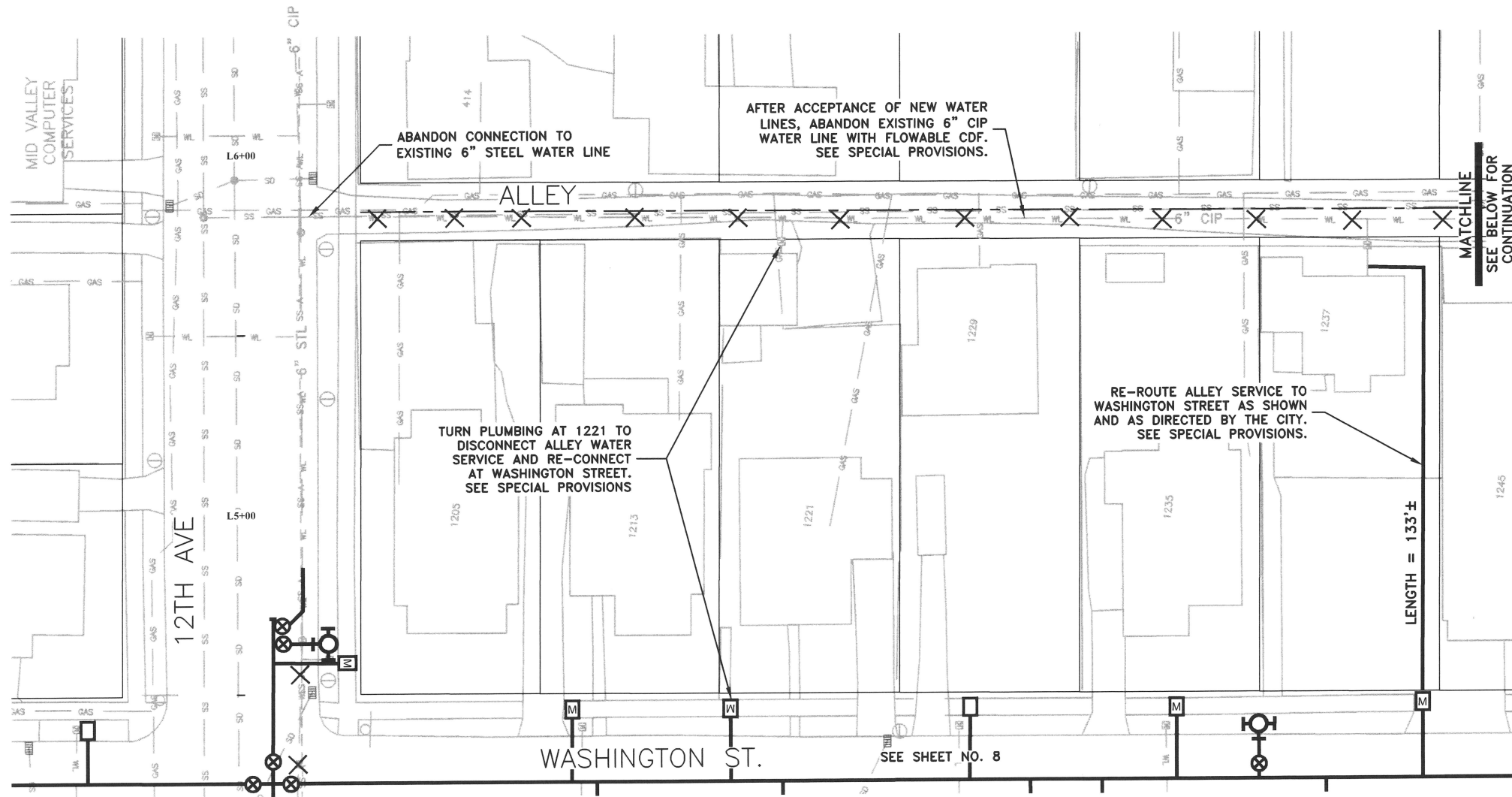
**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - 8TH AVENUE STA. H3+00 TO H7+00**



RENEWS: 12/31/2025
SHEET NO. 25 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-03.dwg

DESIGNED: C. BERG
DRAWN: C. BERG
CHECKED: C. CERKLEWSKI
DATE: 4/18/2024

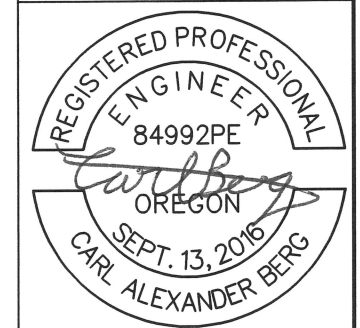
REVISIONS	
DATE:	BY:
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DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

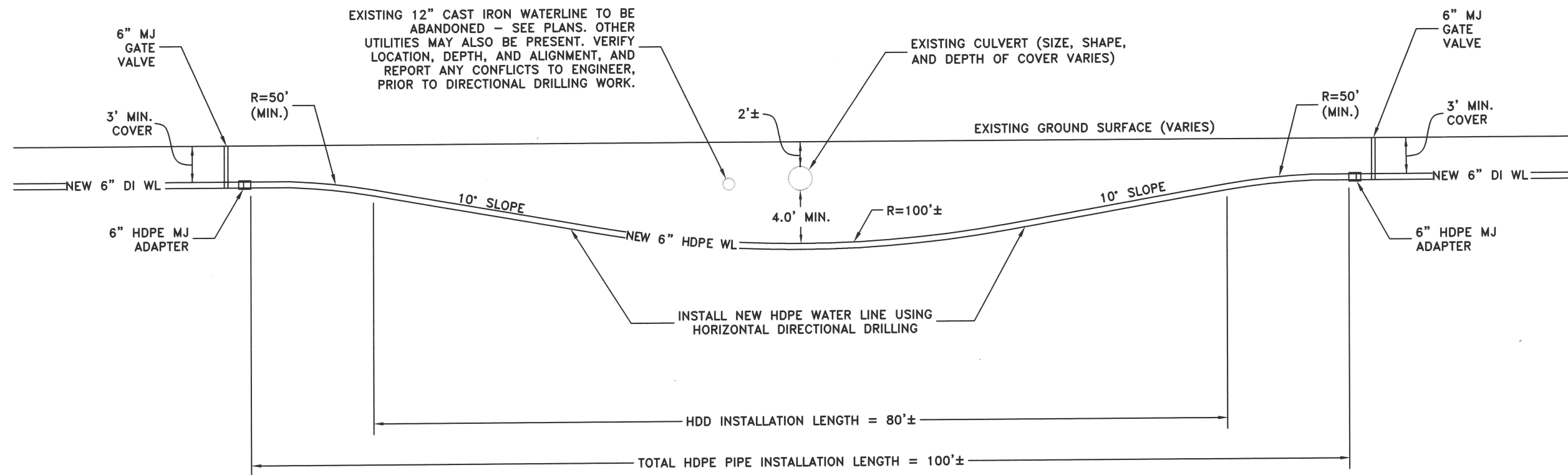
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - ALLEY BETWEEN FERRY ST & WASH ST




RENEWS: 12/31/2025
SHEET NO. 26 OF 47
PROJECT NO: ST-23-01
FILE: BASE.WL-23-01.dwg

**DETAIL A:
HORIZONTAL DIRECTIONAL DRILLING FOR
WATERLINE CROSSING UNDER CULVERT**
NOT TO SCALE

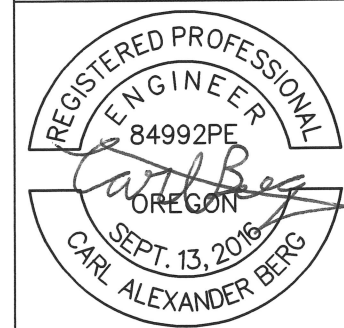


DESIGNED: C. BERG	REVISIONS
DRAWN: C. BERG	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	--
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**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WATER LINE REPLACEMENT - CULVERT CROSSING DETAIL**



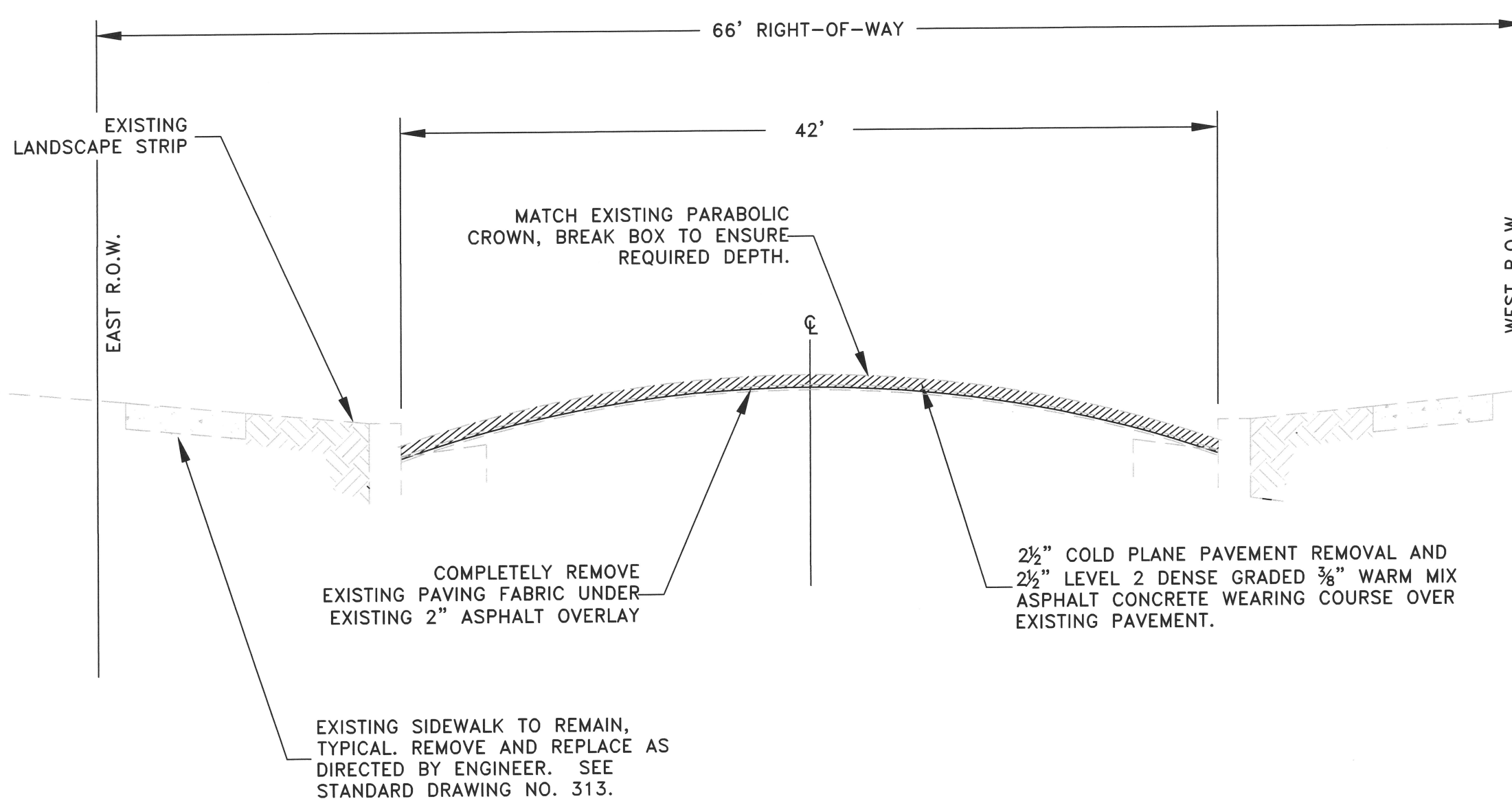
RENEWS: 12/31/2025

SHEET NO. 27 OF 47

PROJECT NO: ST-23-01

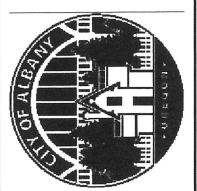
FILE: BASE.WL-23-01.dwg

**WASHINGTON STREET
TYPICAL STREET CROSS SECTION**
(NOT TO SCALE)



DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: -- BY: --
CHECKED: C. CERKLEWSKI	NO: -- BY: --
DATE: 4/18/2024	NO: -- BY: --
	NO: -- BY: --
	NO: -- BY: --
	NO: -- BY: --

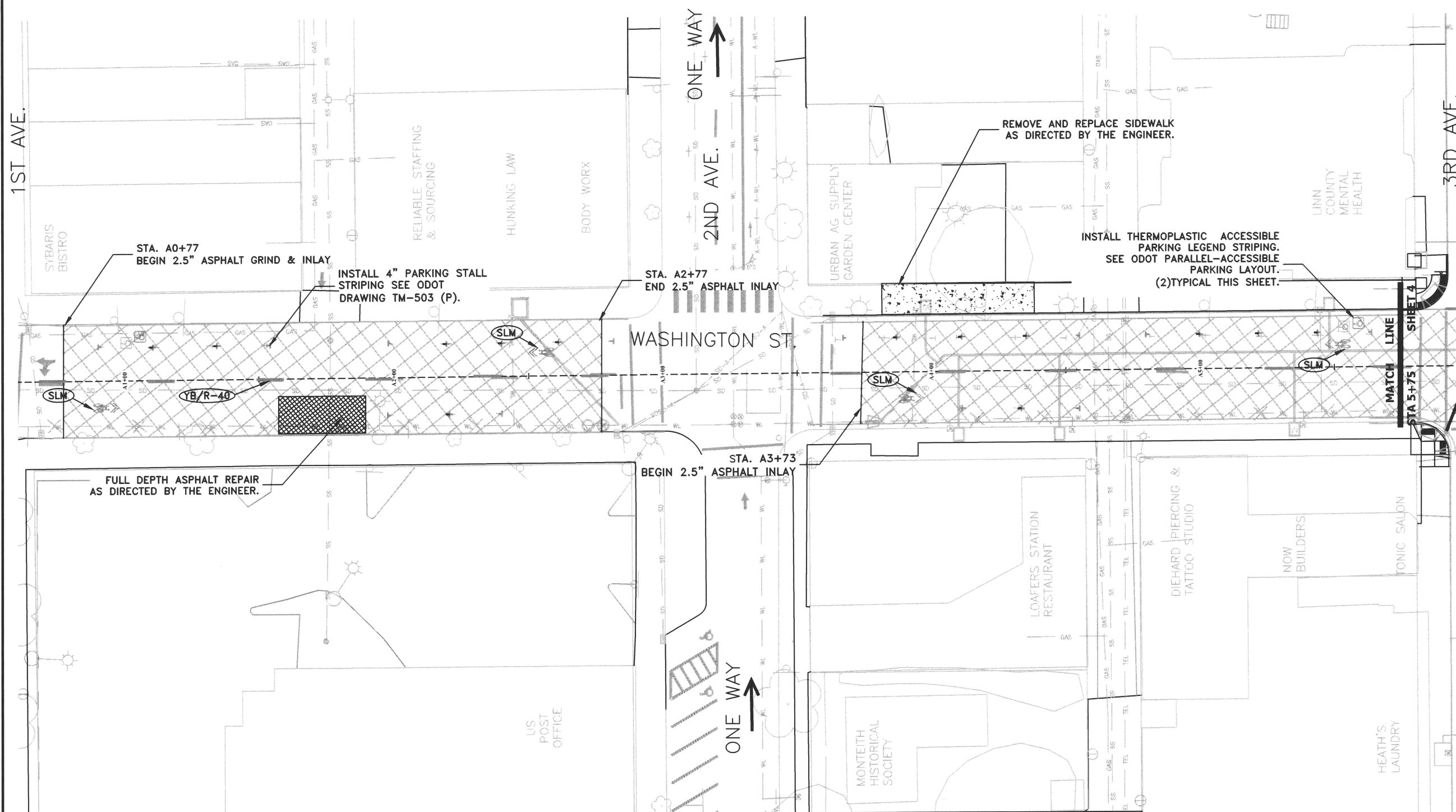
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
WASHINGTON STREET TYPICAL SECTION**

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2025
SHEET NO. 28 OF 47
PROJECT NO: ST-23-01
FILE: BASE.DWG



DESIGNED: A. MONACO
 DRAWN: A. MONACO
 CHECKED: C. CERKLEWSKI
 DATE: 4/18/2024

REVISIONS	
NO.	BY:

**PUBLIC WORKS DEPARTMENT
 ENGINEERING SERVICES**



**ST-23-01, WASHINGTON STREET AREA PROJECTS
 STREET CONSTRUCTION - WASHINGTON ST. STA. 40+75 TO 45+75**



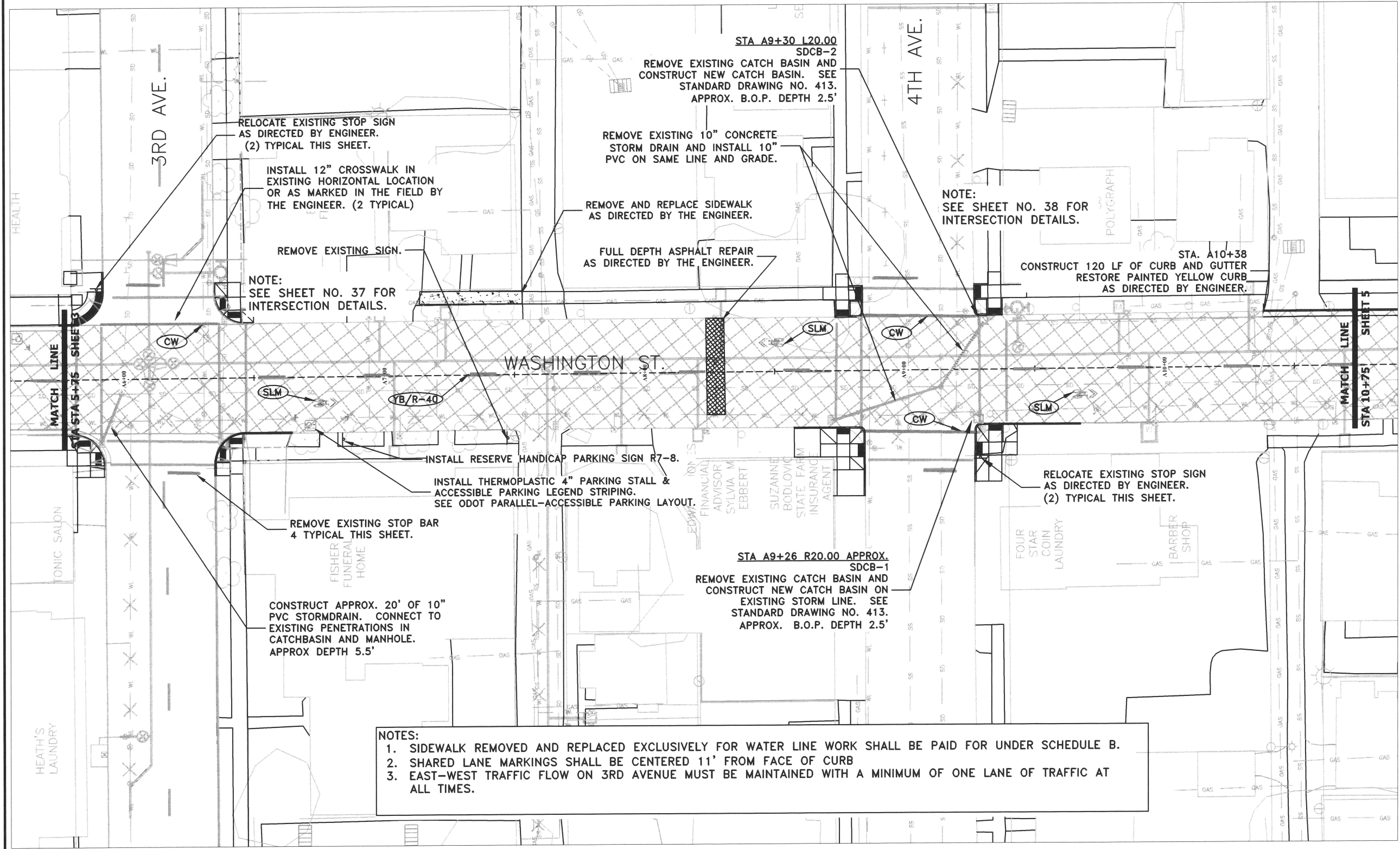
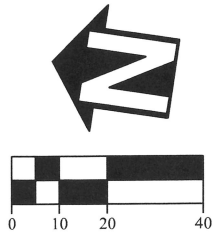
EXPIRATION DATE: 12/31/2025

SHEET NO. 29 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG

- NOTES:**
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE B.
 4. EAST-WEST TRAFFIC FLOW ON 2ND AVENUE MUST BE MAINTAINED WITH A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES.
 5. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB



NOTES:

- SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE B.
- SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB
- EAST-WEST TRAFFIC FLOW ON 3RD AVENUE MUST BE MAINTAINED WITH A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES.

DESIGNED: A. MONACO
 DRAWN: A. MONACO
 CHECKED: C. CERKLEWSKI
 DATE: 4/18/2024

REVISIONS	
NO.	BY:

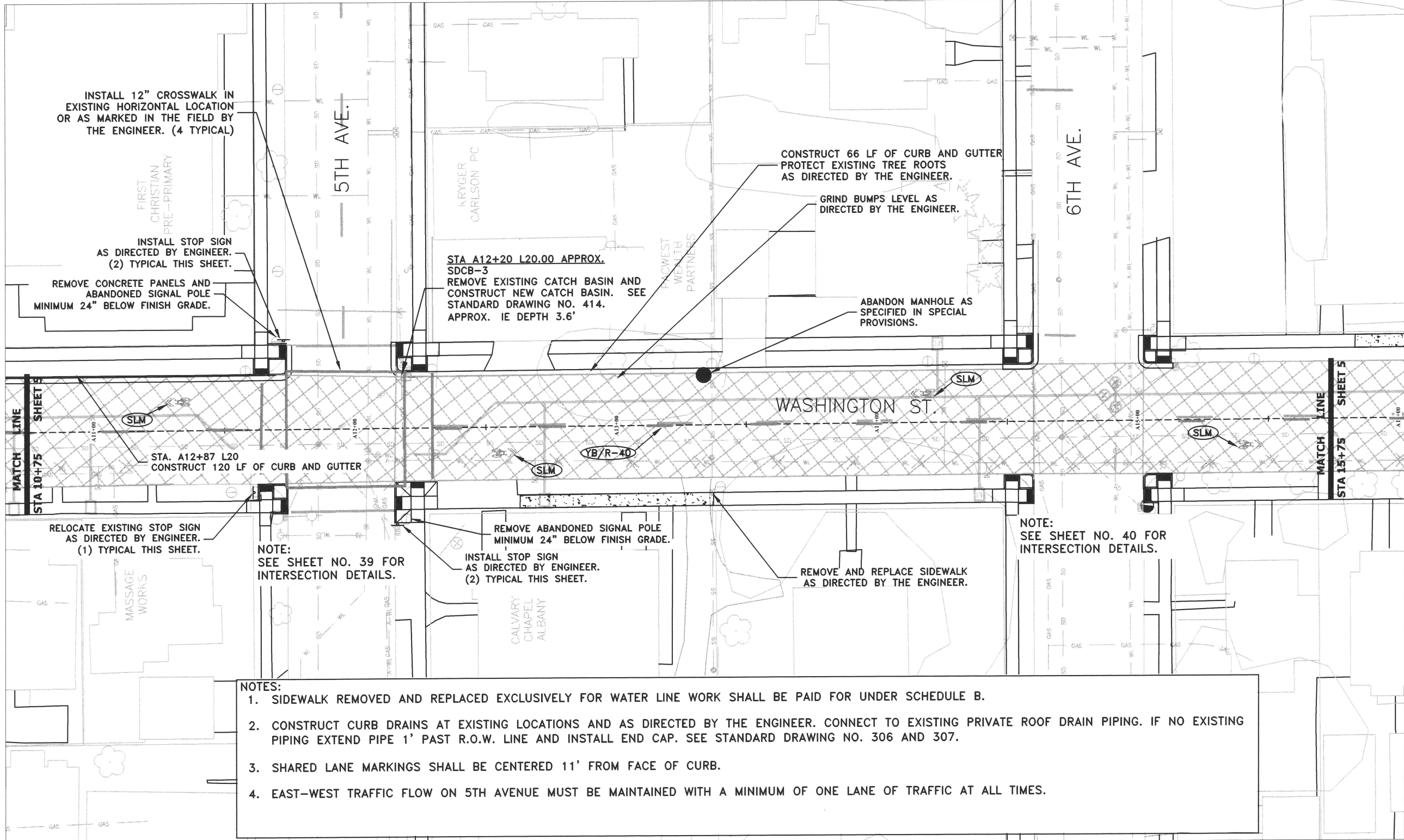
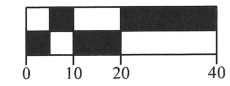
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. A5+75 TO A10+75



EXPIRATION DATE: 12/31/2025

SHEET NO. 30 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.DWG



NOTES:

1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE B.
2. CONSTRUCT CURB DRAINS AT EXISTING LOCATIONS AND AS DIRECTED BY THE ENGINEER. CONNECT TO EXISTING PRIVATE ROOF DRAIN PIPING. IF NO EXISTING PIPING EXTEND PIPE 1' PAST R.O.W. LINE AND INSTALL END CAP. SEE STANDARD DRAWING NO. 306 AND 307.
3. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB.
4. EAST-WEST TRAFFIC FLOW ON 5TH AVENUE MUST BE MAINTAINED WITH A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

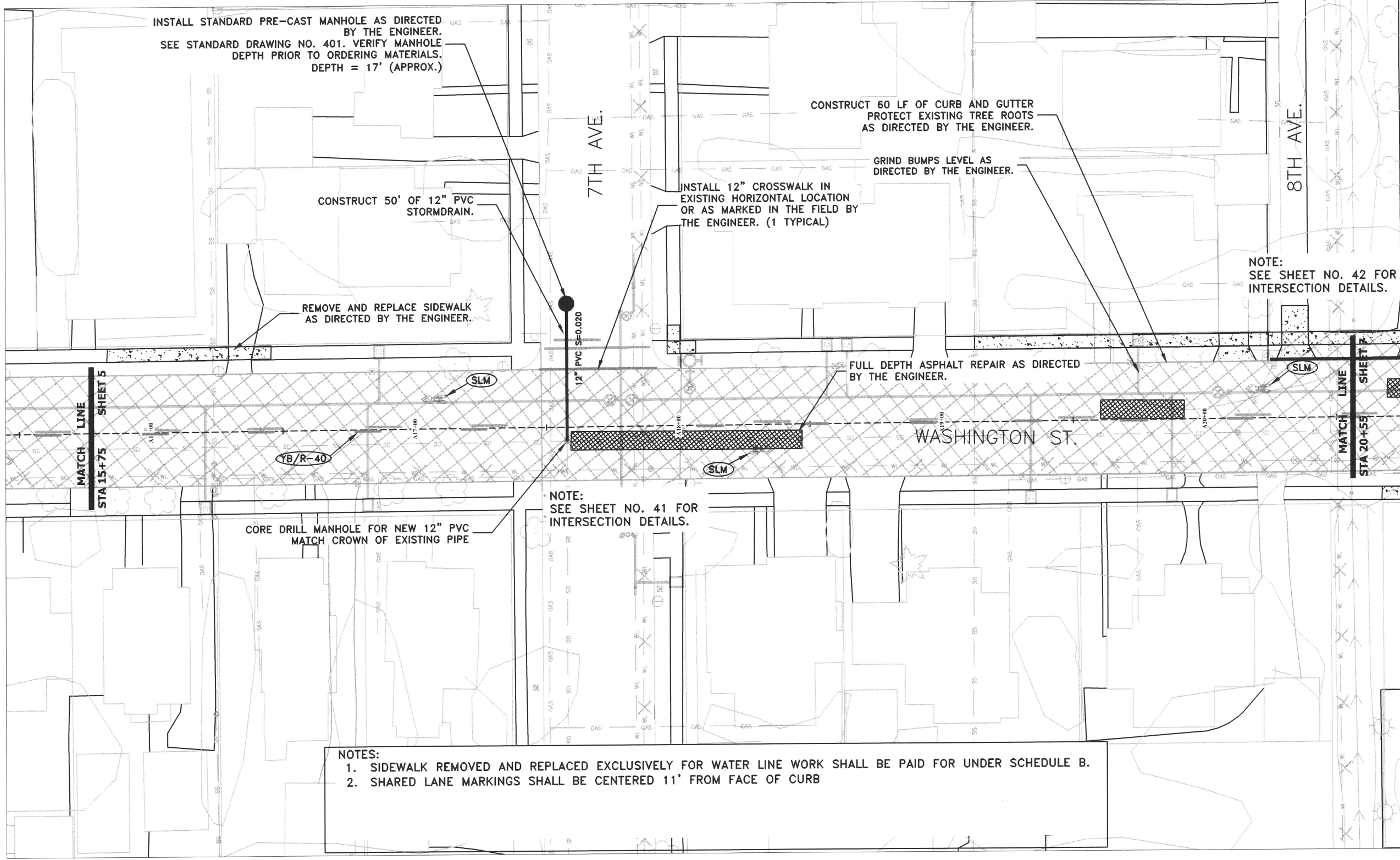


ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. A10+75 TO A15+75



EXPIRATION DATE: 12/31/2025

SHEET NO. 31 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.DWG



INSTALL STANDARD PRE-CAST MANHOLE AS DIRECTED BY THE ENGINEER. SEE STANDARD DRAWING NO. 401. VERIFY MANHOLE DEPTH PRIOR TO ORDERING MATERIALS. DEPTH = 17' (APPROX.)

CONSTRUCT 50' OF 12" PVC STORMDRAIN.

REMOVE AND REPLACE SIDEWALK AS DIRECTED BY THE ENGINEER.

7TH AVE.

CONSTRUCT 60 LF OF CURB AND GUTTER PROTECT EXISTING TREE ROOTS AS DIRECTED BY THE ENGINEER.

GRIND BUMPS LEVEL AS DIRECTED BY THE ENGINEER.

INSTALL 12" CROSSWALK IN EXISTING HORIZONTAL LOCATION OR AS MARKED IN THE FIELD BY THE ENGINEER. (1 TYPICAL)

8TH AVE.

NOTE: SEE SHEET NO. 42 FOR INTERSECTION DETAILS.

FULL DEPTH ASPHALT REPAIR AS DIRECTED BY THE ENGINEER.

WASHINGTON ST.

NOTE: SEE SHEET NO. 41 FOR INTERSECTION DETAILS.

CORE DRILL MANHOLE FOR NEW 12" PVC MATCH CROWN OF EXISTING PIPE

- NOTES:
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE B.
 2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB

DESIGNED: A. MONACO
 DRAWN: A. MONACO
 CHECKED: C. CERKLEWSKI
 DATE: 4/18/2024

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. A15+75 TO A20+55

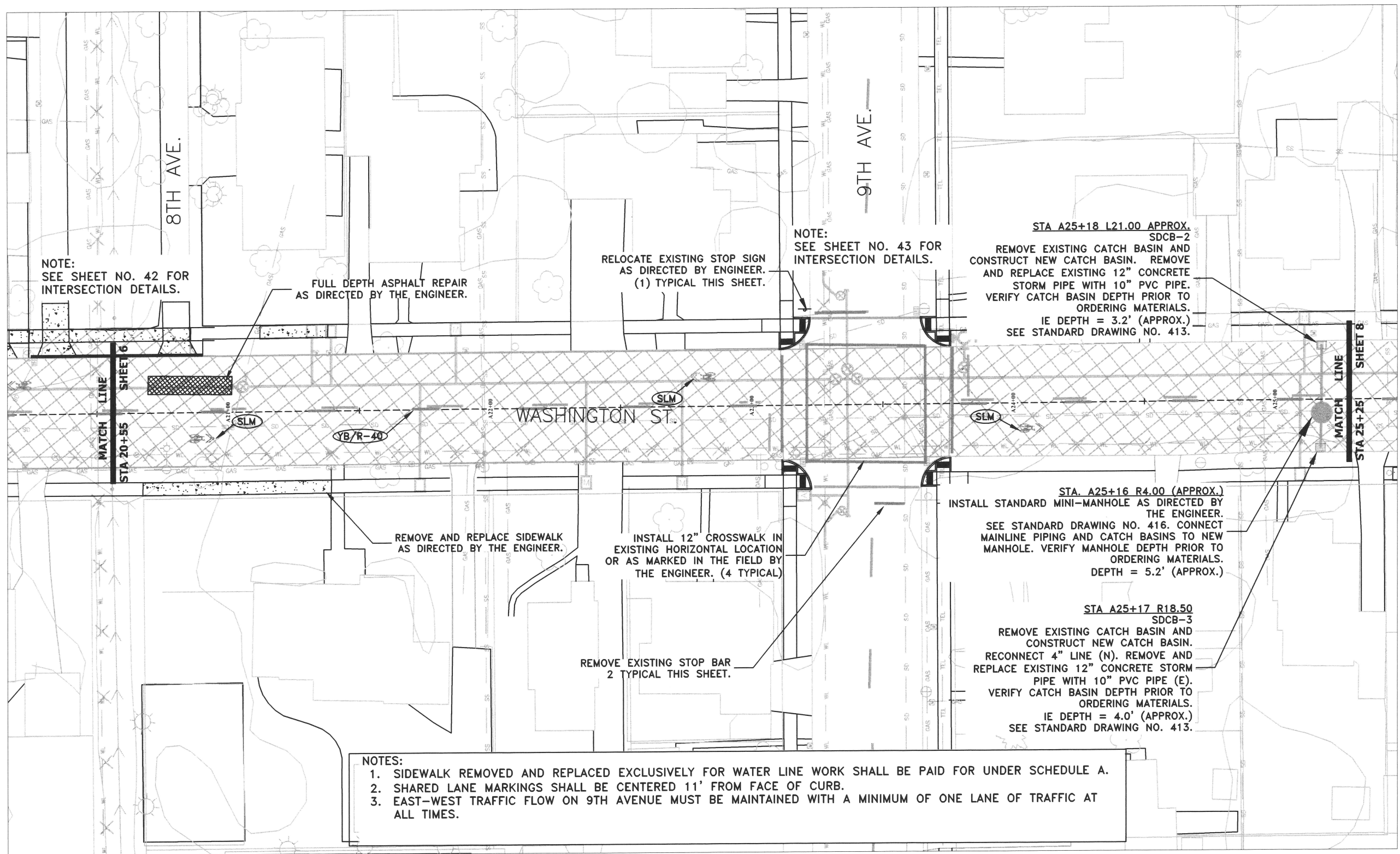
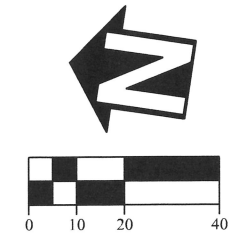


EXPIRATION DATE: 12/31/2025

SHEET NO. 32 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



NOTE:
SEE SHEET NO. 42 FOR
INTERSECTION DETAILS.

FULL DEPTH ASPHALT REPAIR
AS DIRECTED BY THE ENGINEER.

RELOCATE EXISTING STOP SIGN
AS DIRECTED BY ENGINEER.
(1) TYPICAL THIS SHEET.

NOTE:
SEE SHEET NO. 43 FOR
INTERSECTION DETAILS.

STA A25+18 L21.00 APPROX.
SDCB-2
REMOVE EXISTING CATCH BASIN AND
CONSTRUCT NEW CATCH BASIN. REMOVE
AND REPLACE EXISTING 12" CONCRETE
STORM PIPE WITH 10" PVC PIPE.
VERIFY CATCH BASIN DEPTH PRIOR TO
ORDERING MATERIALS.
IE DEPTH = 3.2' (APPROX.)
SEE STANDARD DRAWING NO. 413.

REMOVE AND REPLACE SIDEWALK
AS DIRECTED BY THE ENGINEER.

INSTALL 12" CROSSWALK IN
EXISTING HORIZONTAL LOCATION
OR AS MARKED IN THE FIELD BY
THE ENGINEER. (4 TYPICAL)

STA. A25+16 R4.00 (APPROX.)
INSTALL STANDARD MINI-MANHOLE AS DIRECTED BY
THE ENGINEER.
SEE STANDARD DRAWING NO. 416. CONNECT
MAINLINE PIPING AND CATCH BASINS TO NEW
MANHOLE. VERIFY MANHOLE DEPTH PRIOR TO
ORDERING MATERIALS.
DEPTH = 5.2' (APPROX.)

REMOVE EXISTING STOP BAR
2 TYPICAL THIS SHEET.

STA A25+17 R18.50
SDCB-3
REMOVE EXISTING CATCH BASIN AND
CONSTRUCT NEW CATCH BASIN.
RECONNECT 4" LINE (N). REMOVE AND
REPLACE EXISTING 12" CONCRETE STORM
PIPE WITH 10" PVC PIPE (E).
VERIFY CATCH BASIN DEPTH PRIOR TO
ORDERING MATERIALS.
IE DEPTH = 4.0' (APPROX.)
SEE STANDARD DRAWING NO. 413.

- NOTES:
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE A.
 2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB.
 3. EAST-WEST TRAFFIC FLOW ON 9TH AVENUE MUST BE MAINTAINED WITH A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES.

DESIGNED: A. MONACO	REVISIONS:
DRAWN: A. MONACO	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --
	NO: --
	BY: --
	DATE: --

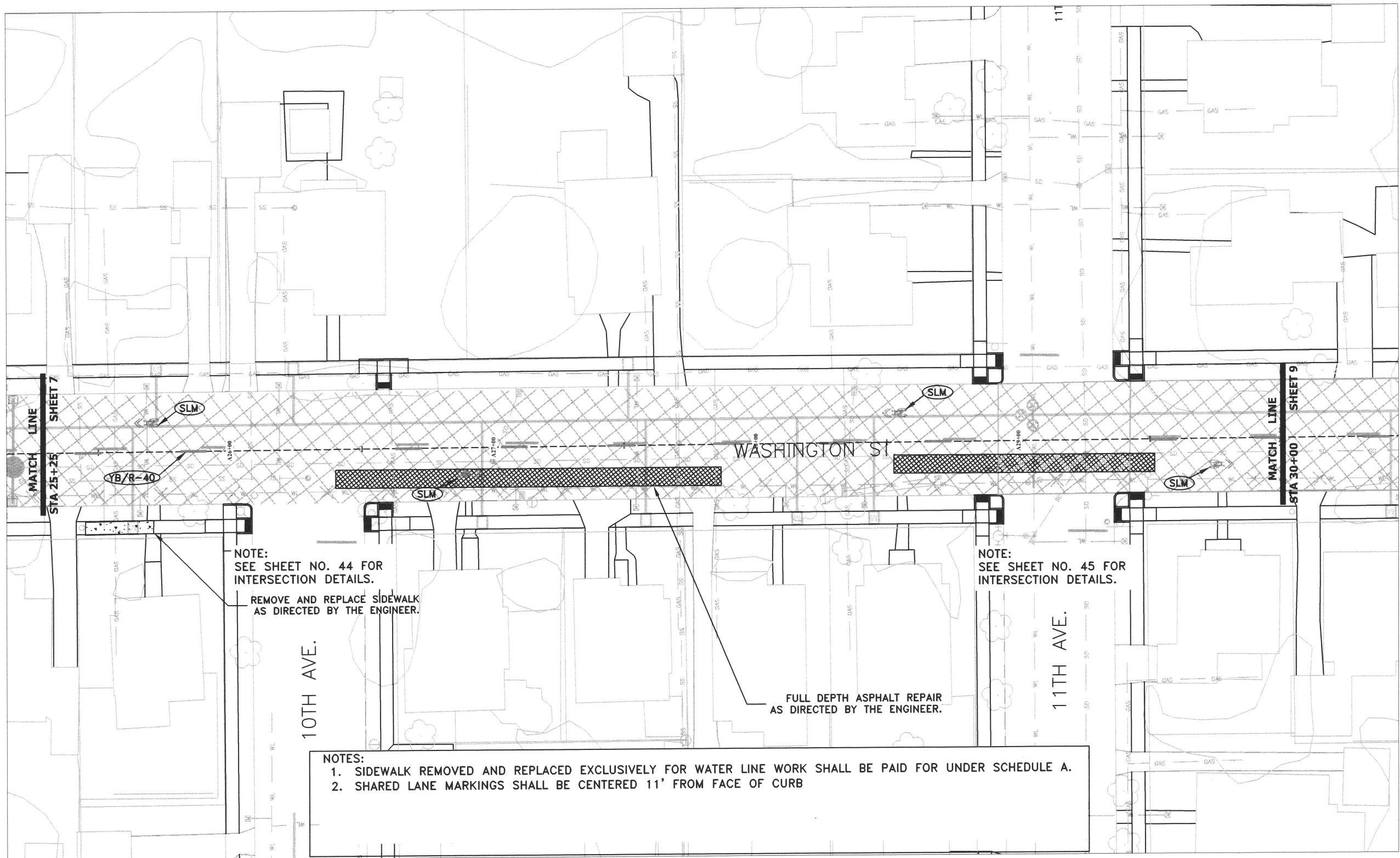
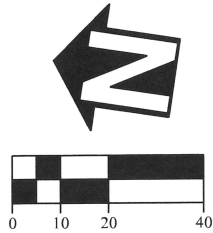
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. A20+55 TO A25+25



EXPIRATION DATE: 12/31/2025

SHEET NO. 33 OF 47
PROJECT NO: ST-23-01
FILE: BASE.DWG



NOTE:
SEE SHEET NO. 44 FOR
INTERSECTION DETAILS.
REMOVE AND REPLACE SIDEWALK
AS DIRECTED BY THE ENGINEER.


NOTE:
SEE SHEET NO. 45 FOR
INTERSECTION DETAILS.

FULL DEPTH ASPHALT REPAIR
AS DIRECTED BY THE ENGINEER.

NOTES:
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE A.
2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

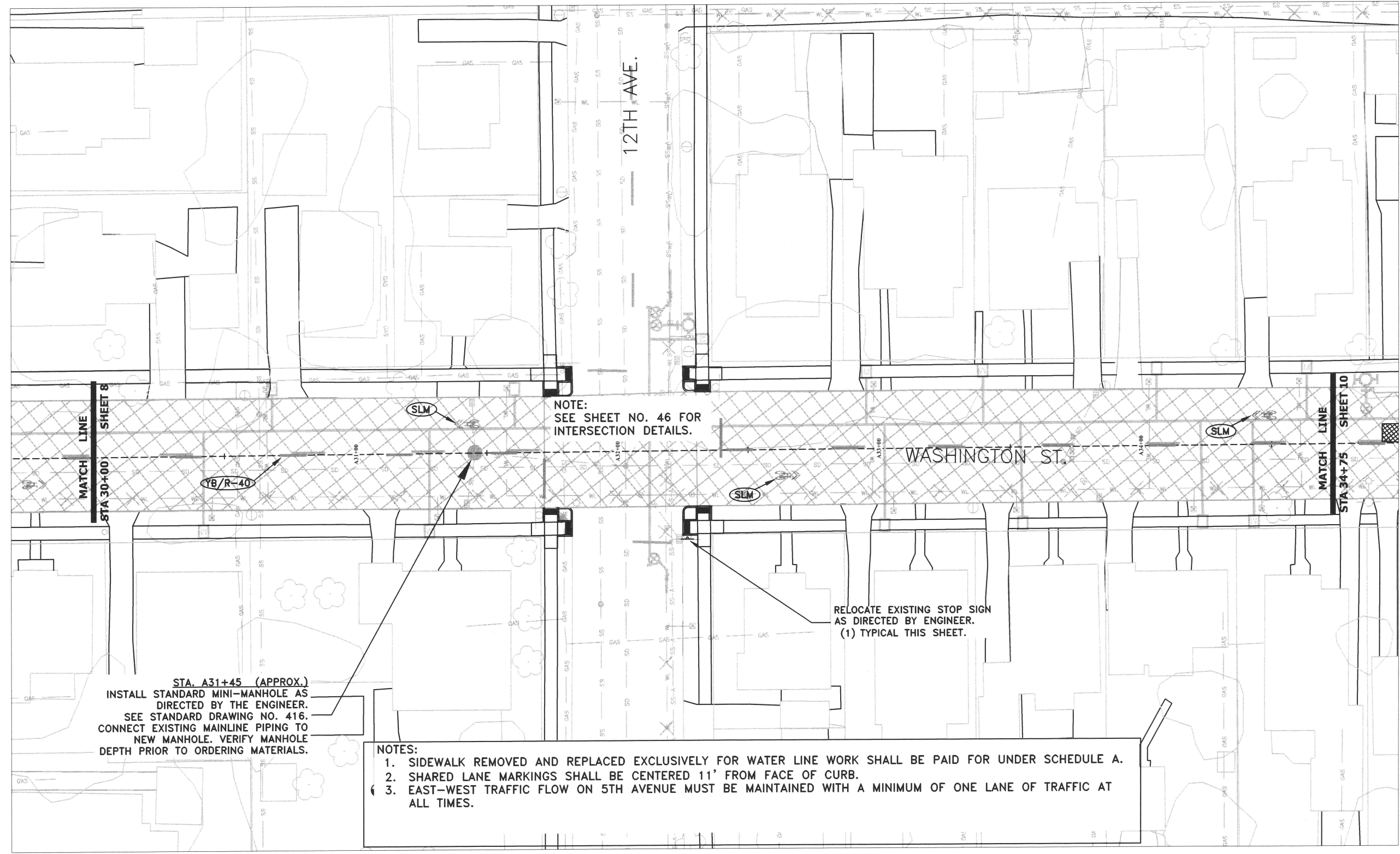
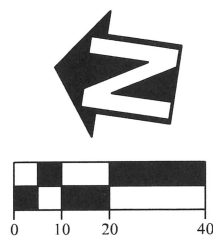
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. 425+25 TO 430+00

REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2025
SHEET NO. 34 OF 47
PROJECT NO: ST-23-01
FILE: BASE.DWG



NOTE:
SEE SHEET NO. 46 FOR
INTERSECTION DETAILS.

RELOCATE EXISTING STOP SIGN
AS DIRECTED BY ENGINEER.
(1) TYPICAL THIS SHEET.

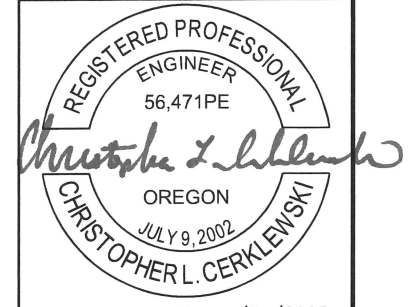
STA. A31+45 (APPROX.)
INSTALL STANDARD MINI-MANHOLE AS
DIRECTED BY THE ENGINEER.
SEE STANDARD DRAWING NO. 416.
CONNECT EXISTING MAINLINE PIPING TO
NEW MANHOLE. VERIFY MANHOLE
DEPTH PRIOR TO ORDERING MATERIALS.

- NOTES:
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE A.
 2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB.
 3. EAST-WEST TRAFFIC FLOW ON 5TH AVENUE MUST BE MAINTAINED WITH A MINIMUM OF ONE LANE OF TRAFFIC AT ALL TIMES.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. 430+00 TO 434+75

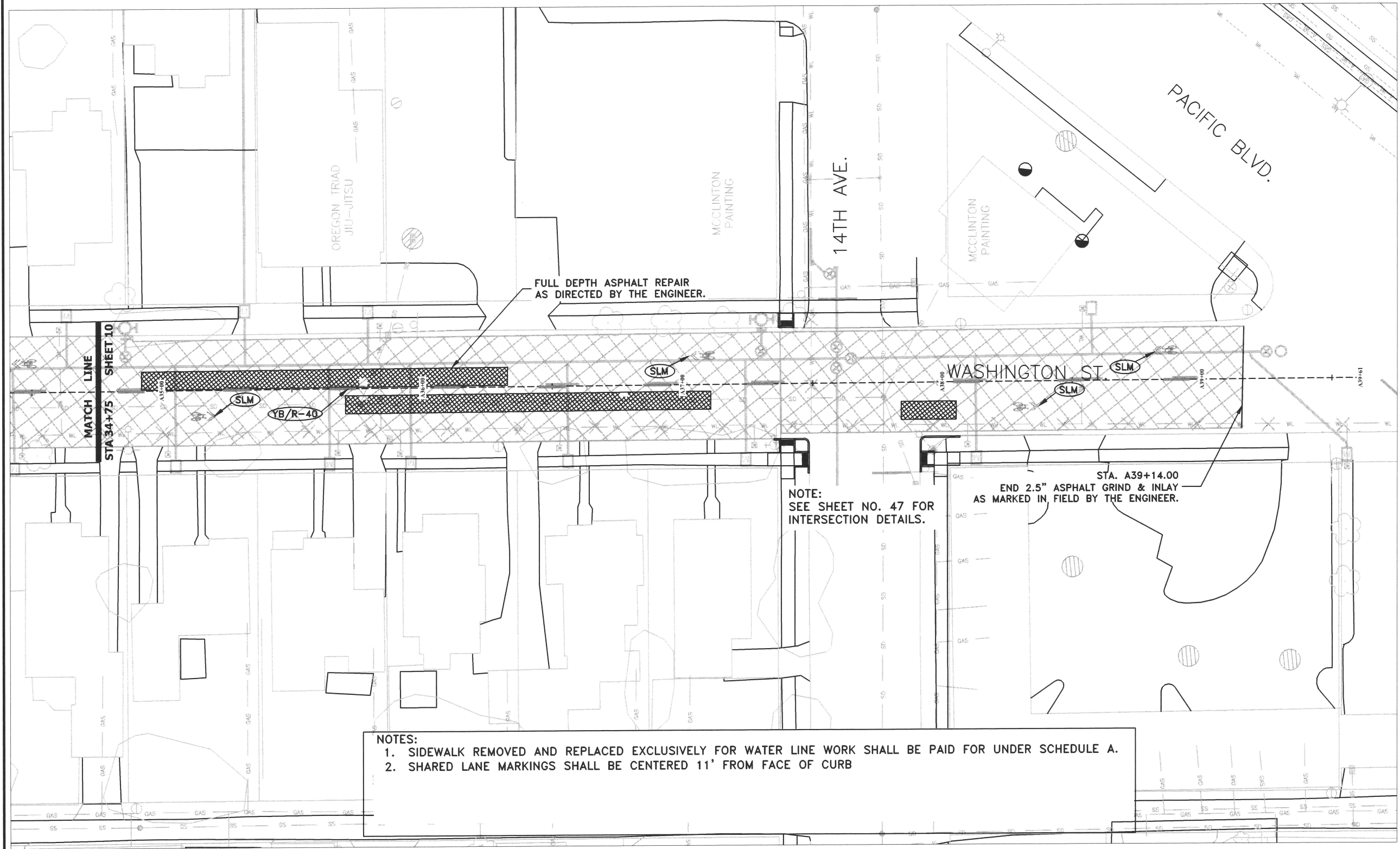
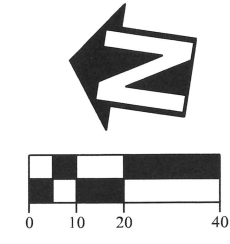


EXPIRATION DATE: 12/31/2025

SHEET NO. 35 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



FULL DEPTH ASPHALT REPAIR
AS DIRECTED BY THE ENGINEER.

NOTE:
SEE SHEET NO. 47 FOR
INTERSECTION DETAILS.

STA. A39+14.00
END 2.5" ASPHALT GRIND & INLAY
AS MARKED IN FIELD BY THE ENGINEER.

NOTES:
1. SIDEWALK REMOVED AND REPLACED EXCLUSIVELY FOR WATER LINE WORK SHALL BE PAID FOR UNDER SCHEDULE A.
2. SHARED LANE MARKINGS SHALL BE CENTERED 11' FROM FACE OF CURB

DESIGNED: A. MONACO
DRAWN: A. MONACO
CHECKED: C. CERKLEWSKI
DATE: 4/18/2024

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

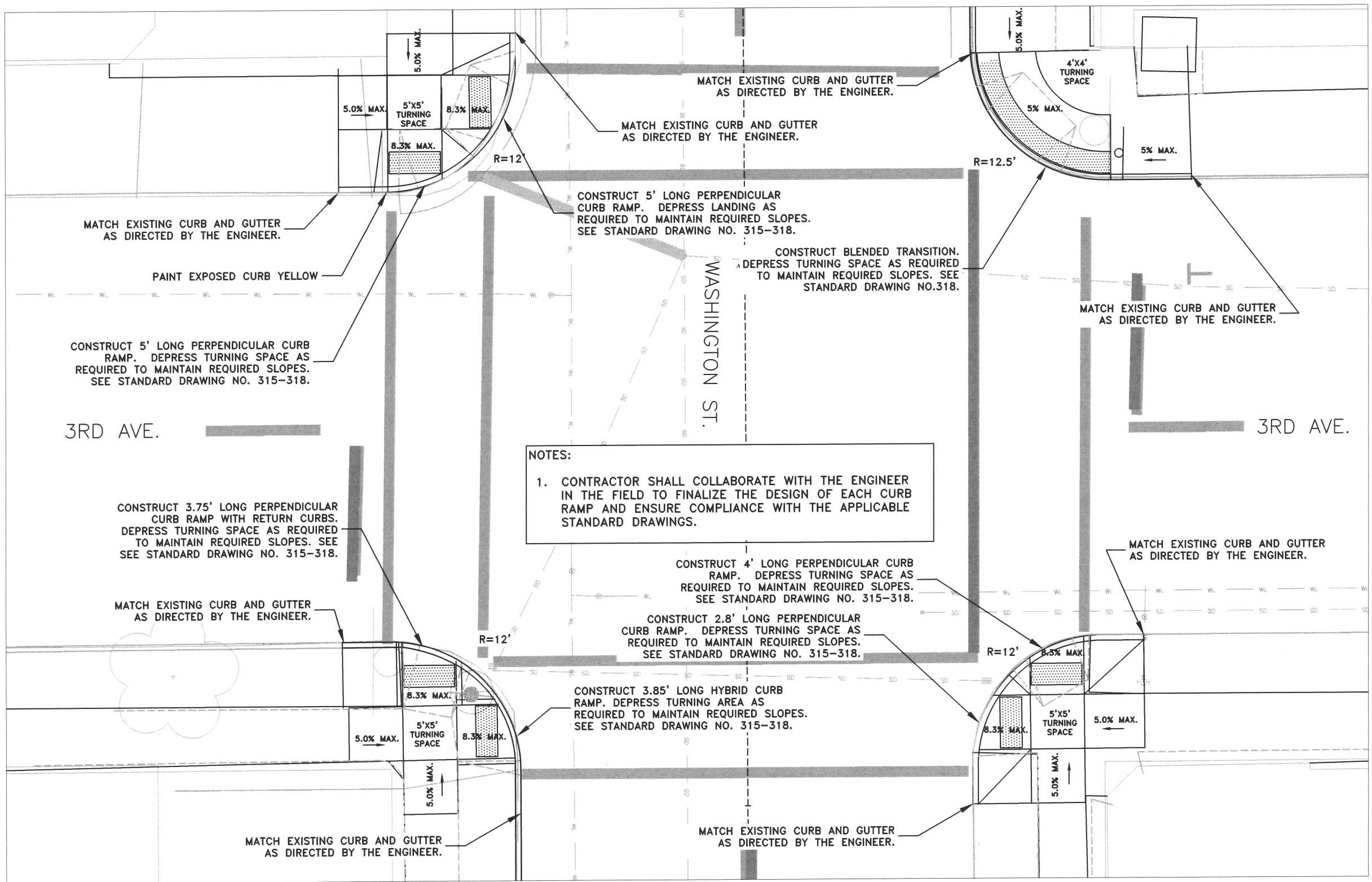
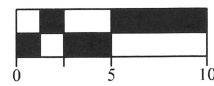


ST-23-01, WASHINGTON STREET AREA PROJECTS
STREET CONSTRUCTION - WASHINGTON ST. STA. A34+75 TO A39+14



EXPIRATION DATE: 12/31/2025

SHEET NO. 36 OF 47
PROJECT NO: ST-23-01
FILE: BASE.DWG



NOTES:

1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---
	NO: ---
	BY: ---
	DATE: ---

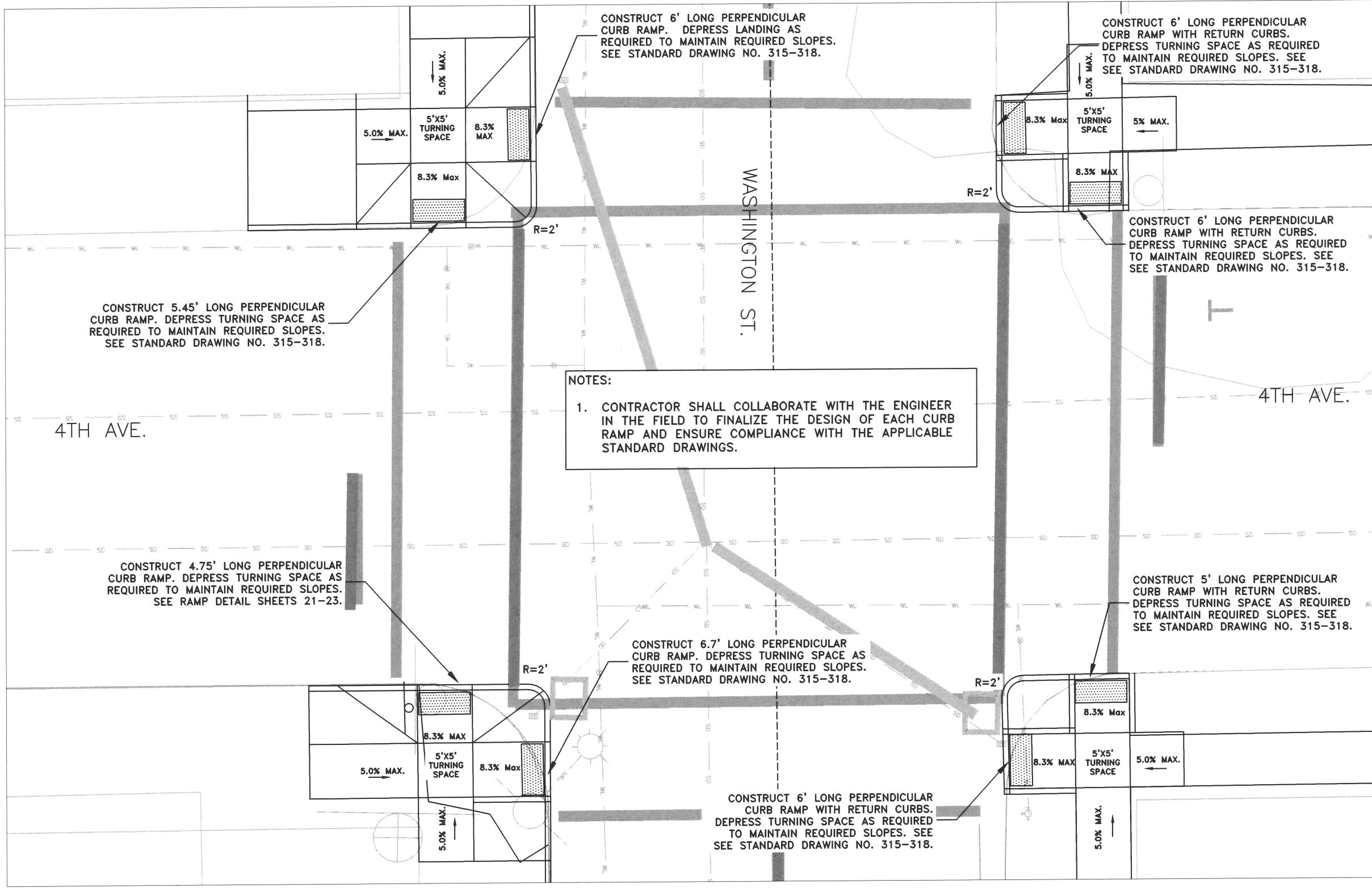
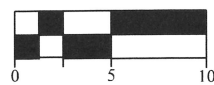
**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

**ST-23-01, WASHINGTON STREET AREA PROJECTS
3RD STREET INTERSECTION DETAILS**



EXPIRATION DATE: 12/31/2025

SHEET NO. 37 OF 47
PROJECT NO: ST-23-01
FILE: BASE.DWG



NOTES:

1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

CONSTRUCT 5.45' LONG PERPENDICULAR CURB RAMP. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 4.75' LONG PERPENDICULAR CURB RAMP. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE RAMP DETAIL SHEETS 21-23.

CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 6.7' LONG PERPENDICULAR CURB RAMP. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

DESIGNED: A. MONACO
 DRAWN: A. MONACO
 CHECKED: C. CERKLEWSKI
 DATE: 4/18/2024

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
4TH STREET INTERSECTION DETAILS

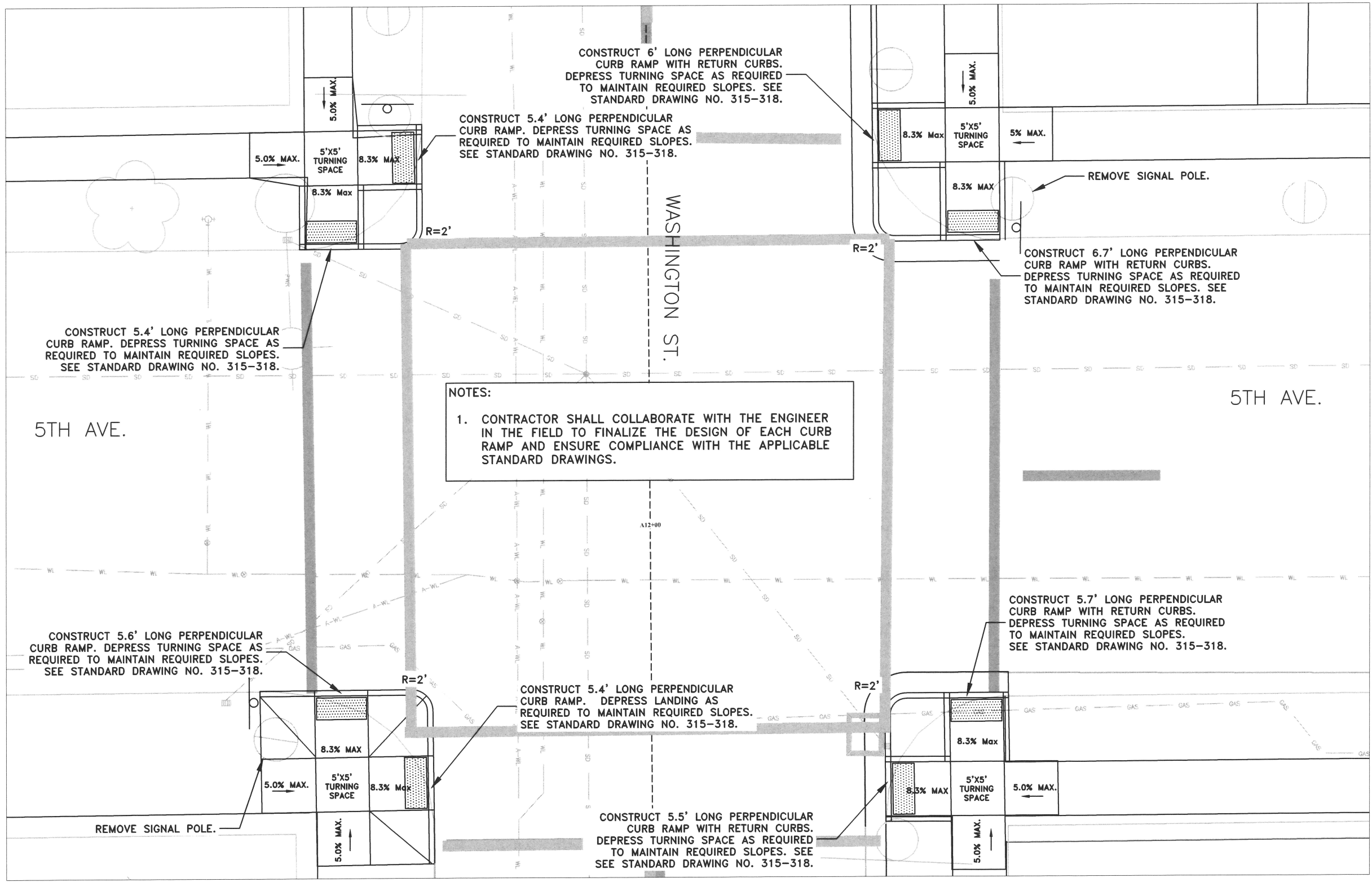
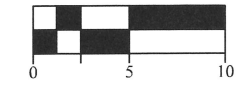


EXPIRATION DATE: 12/31/2025

SHEET NO. 38 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



NOTES:

1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
5TH STREET INTERSECTION DETAILS



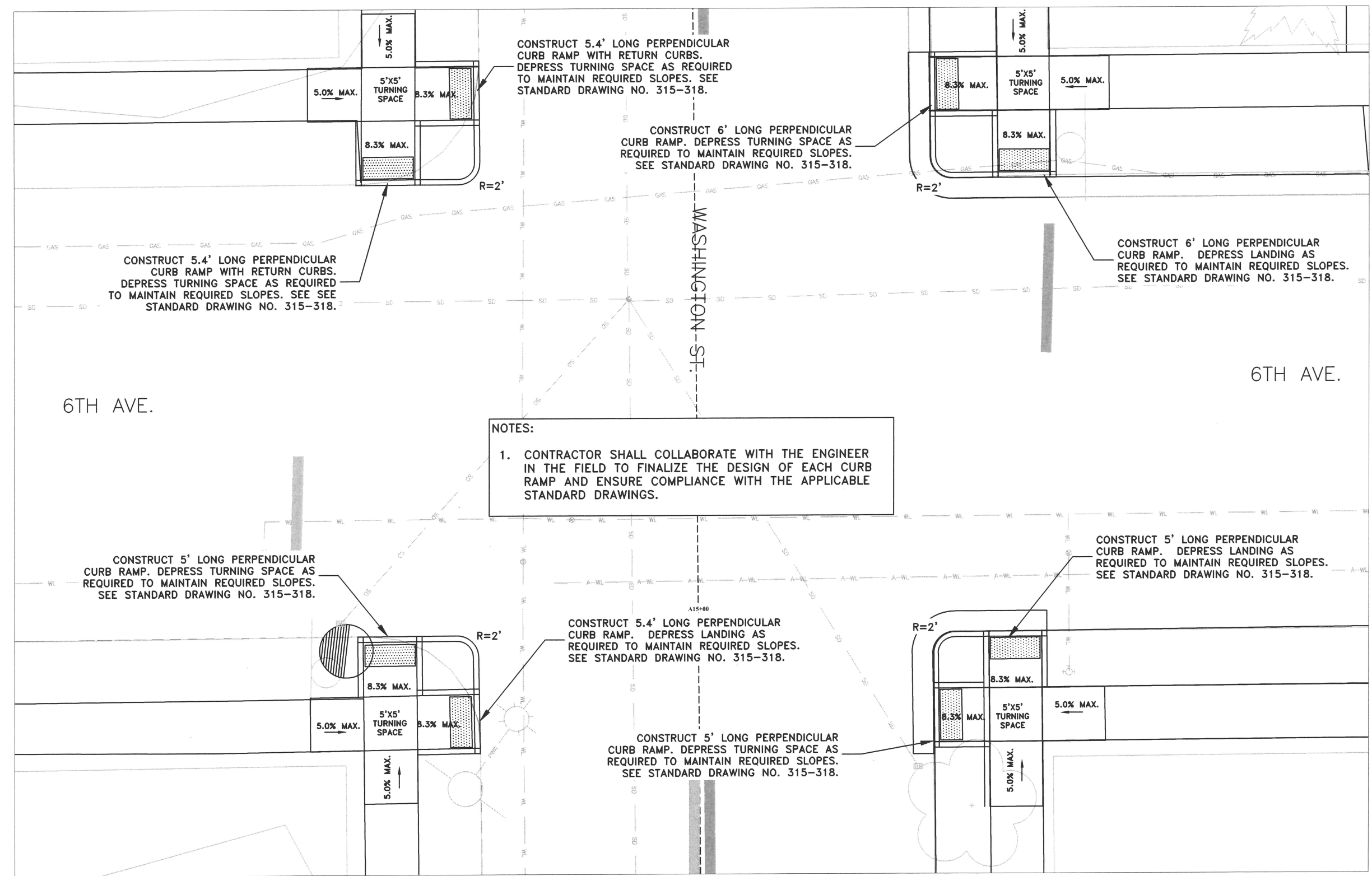
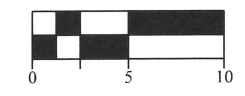
REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerkowski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2025

SHEET NO. 39 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



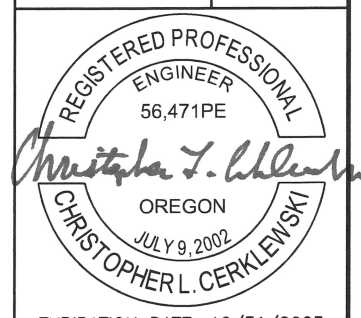
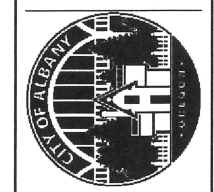
NOTES:

- CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
6TH STREET INTERSECTION DETAILS

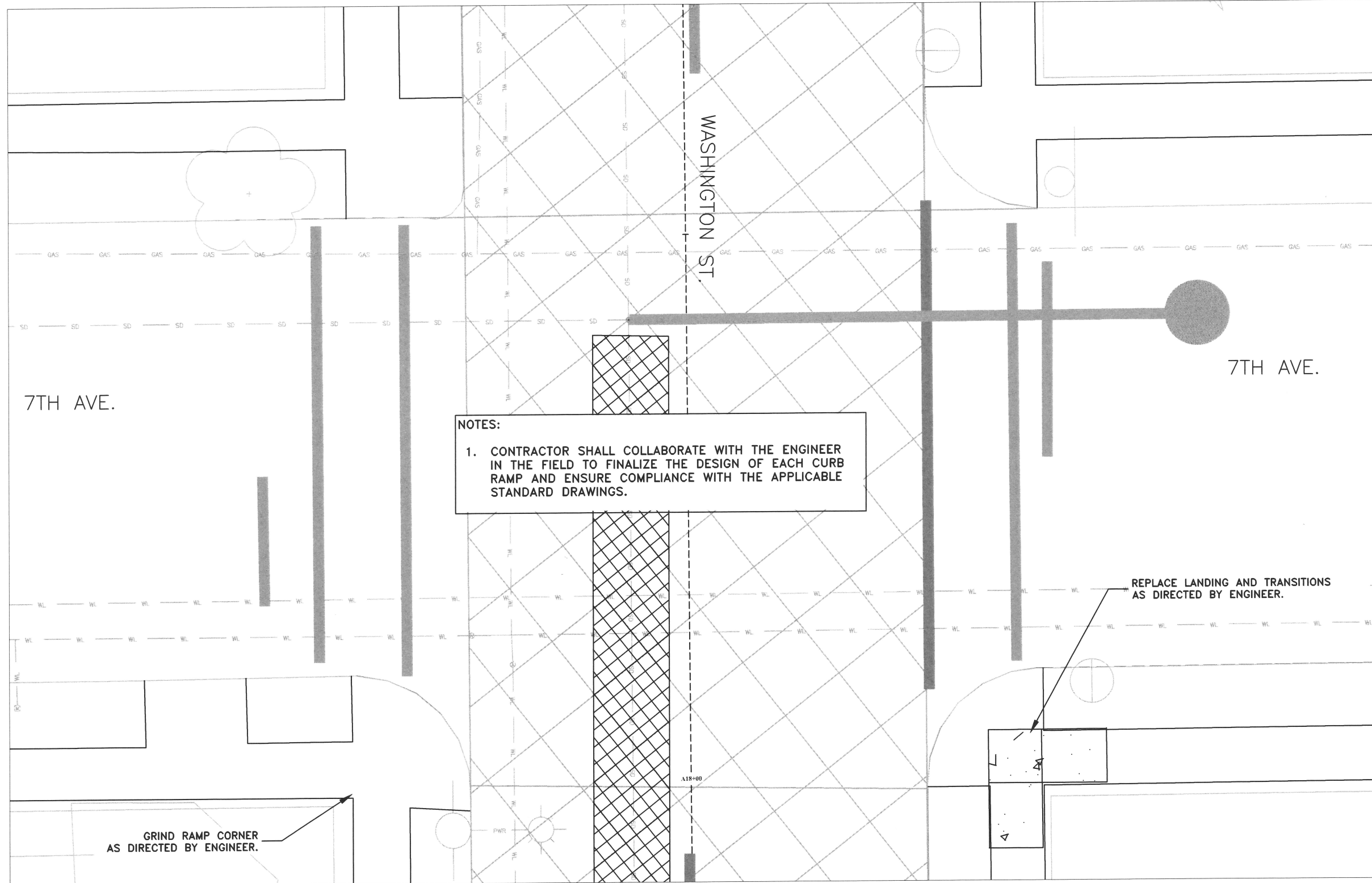
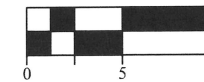


EXPIRATION DATE: 12/31/2025

SHEET NO. 40 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG




NOTES:

1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
7TH STREET INTERSECTION DETAILS

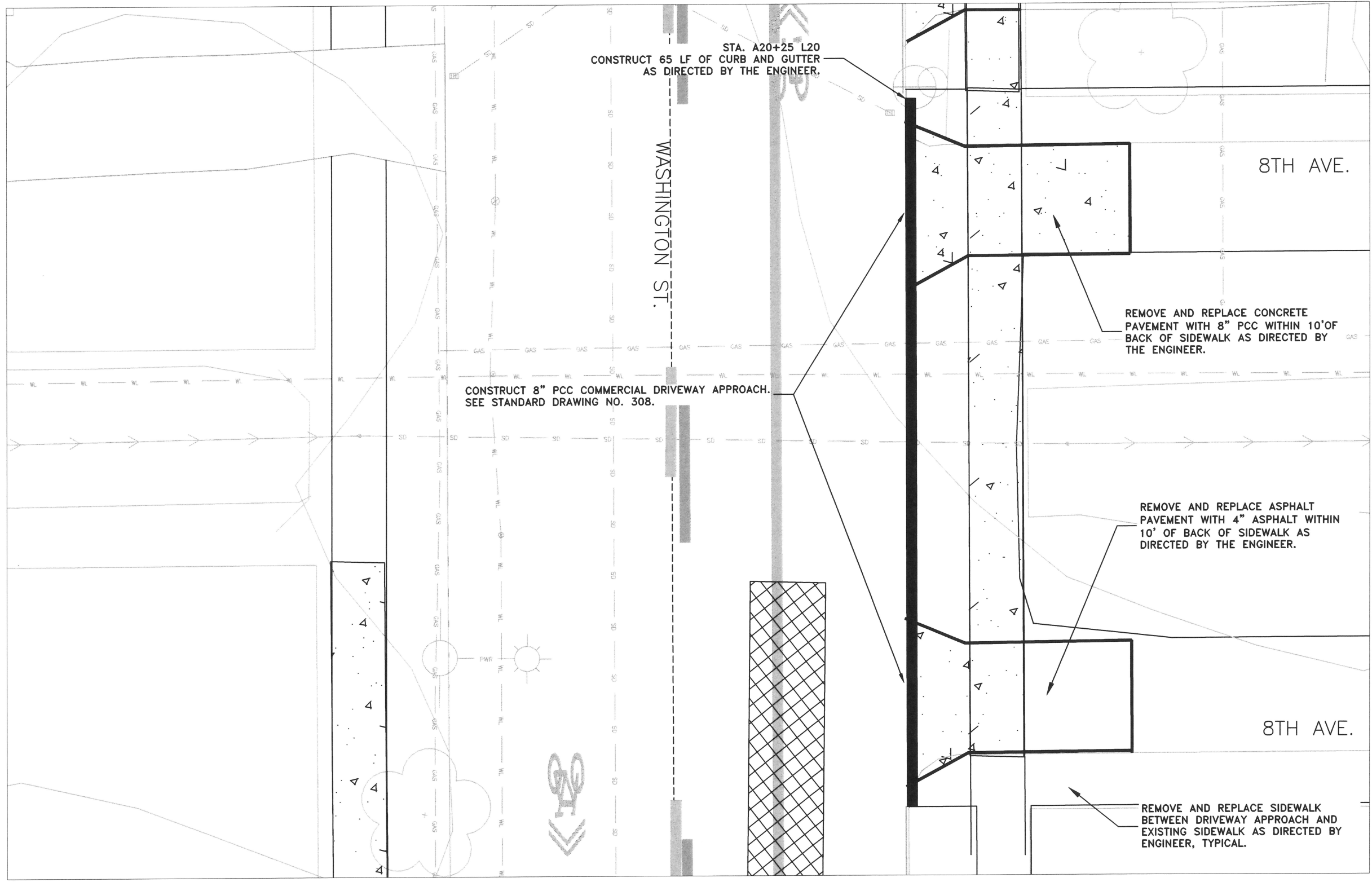
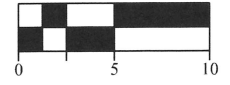
REGISTERED PROFESSIONAL
ENGINEER
56,471PE
Christopher L. Cerklewski
OREGON
JULY 9, 2002
CHRISTOPHER L. CERKLEWSKI

EXPIRATION DATE: 12/31/2025

SHEET NO. 41 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



STA. A20+25 L20
CONSTRUCT 65 LF OF CURB AND GUTTER
AS DIRECTED BY THE ENGINEER.

WASHINGTON ST.

8TH AVE.

CONSTRUCT 8" PCC COMMERCIAL DRIVEWAY APPROACH.
SEE STANDARD DRAWING NO. 308.

REMOVE AND REPLACE CONCRETE
PAVEMENT WITH 8" PCC WITHIN 10' OF
BACK OF SIDEWALK AS DIRECTED BY
THE ENGINEER.

REMOVE AND REPLACE ASPHALT
PAVEMENT WITH 4" ASPHALT WITHIN
10' OF BACK OF SIDEWALK AS
DIRECTED BY THE ENGINEER.

8TH AVE.

REMOVE AND REPLACE SIDEWALK
BETWEEN DRIVEWAY APPROACH AND
EXISTING SIDEWALK AS DIRECTED BY
ENGINEER, TYPICAL.

DESIGNED: A. MONACO
DRAWN: A. MONACO
CHECKED: C. CERKLEWSKI
DATE: 4/18/2024

REVISIONS	
NO.	BY:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
8TH STREET INTERSECTION DETAILS

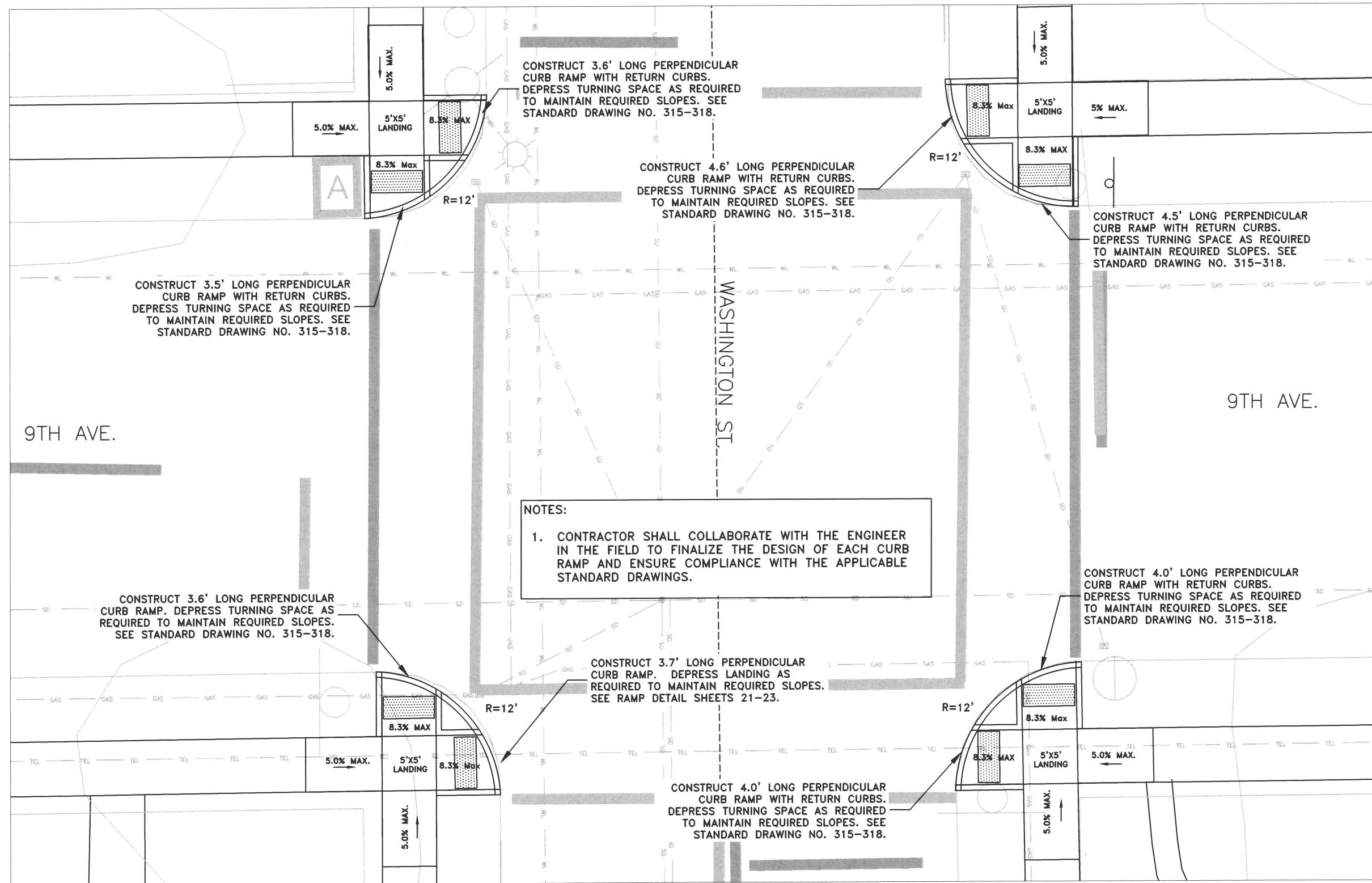
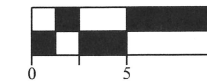


EXPIRATION DATE: 12/31/2025

SHEET NO. 42 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



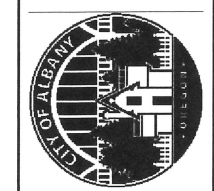
NOTES:

- CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: --
CHECKED: C. CERKLEWSKI	BY: --
DATE: 4/18/2024	DATE: --

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
9TH STREET INTERSECTION DETAILS

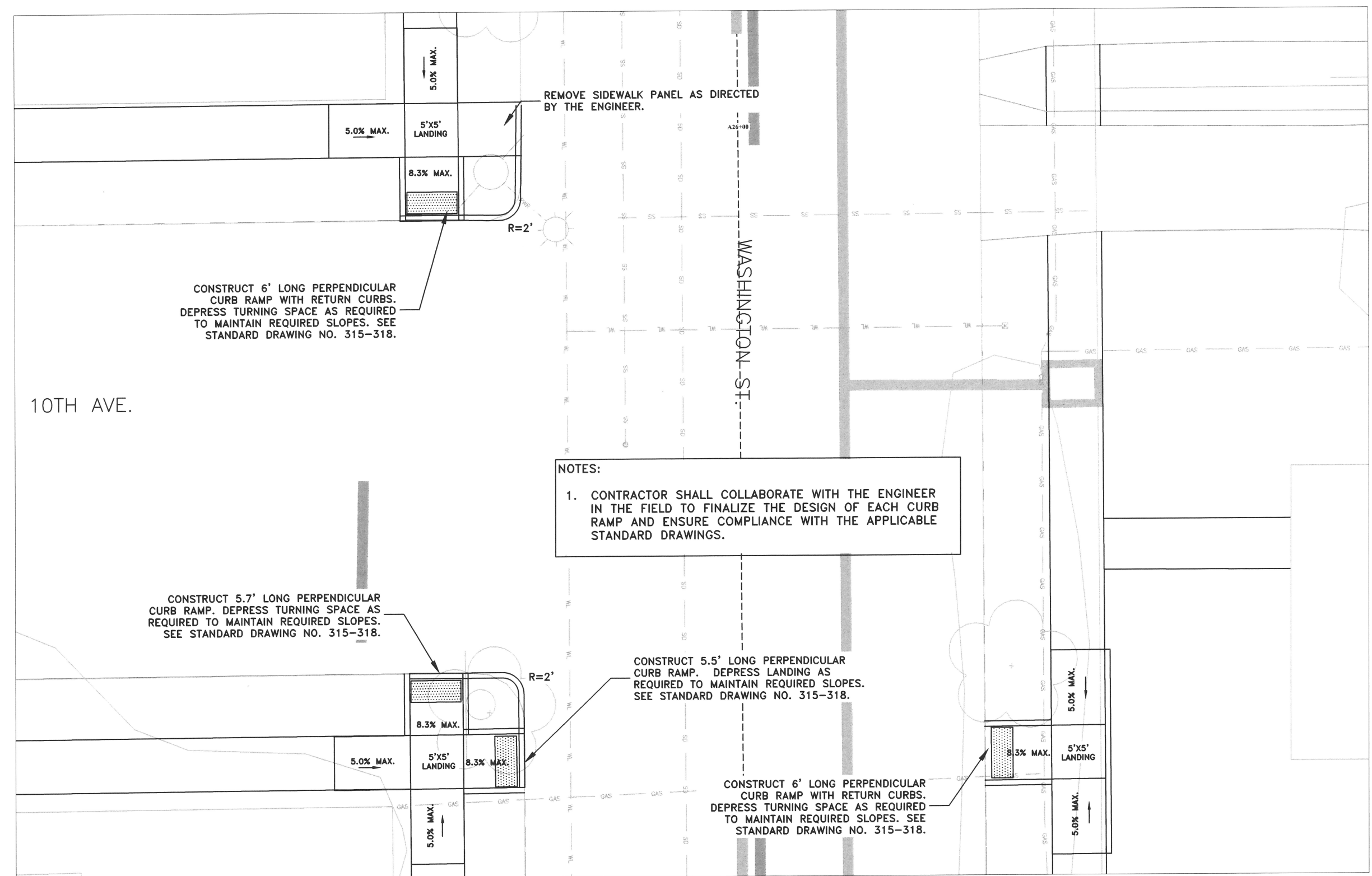
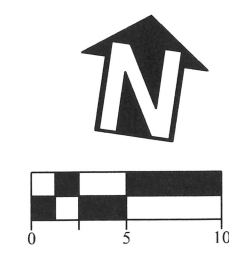


EXPIRATION DATE: 12/31/2025

SHEET NO. 43 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.7' LONG PERPENDICULAR CURB RAMP. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

NOTES:
 1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

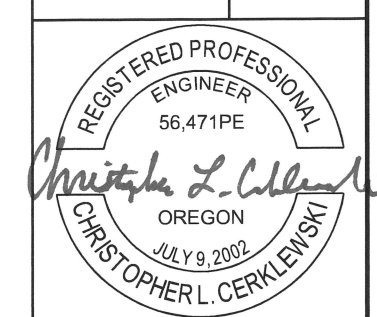
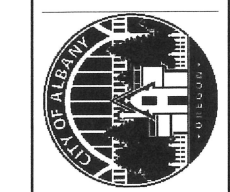
CONSTRUCT 5.5' LONG PERPENDICULAR CURB RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

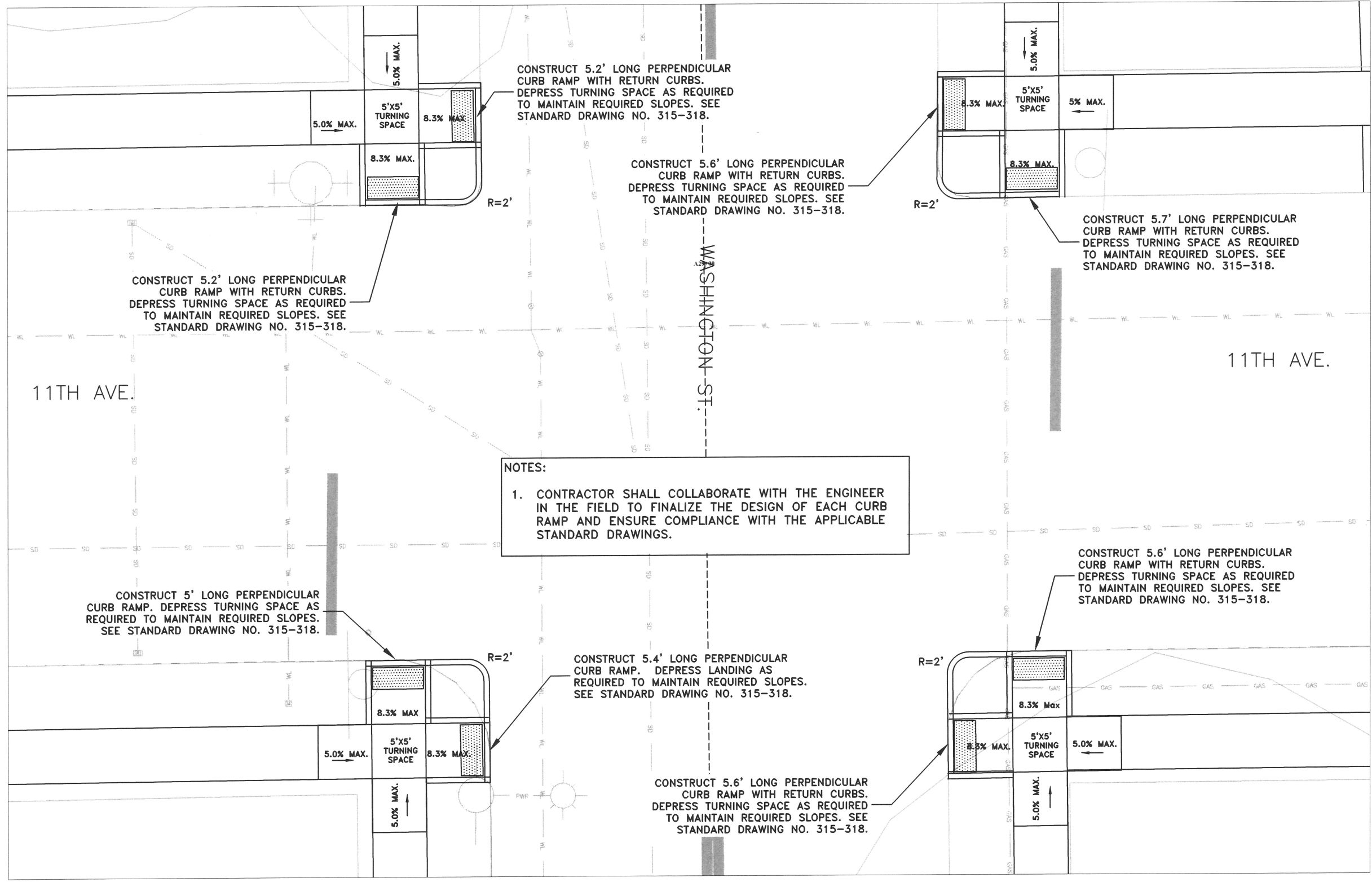
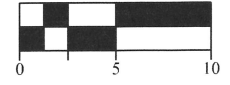
DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: --- BY: ---
CHECKED: C. CERKLEWSKI	DATE: ---
DATE: 4/18/2024	

**PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES**

**ST-23-01, WASHINGTON STREET AREA PROJECTS
10TH STREET INTERSECTION DETAILS**



EXPIRATION DATE: 12/31/2025
 SHEET NO. 44 OF 47
 PROJECT NO: ST-23-01
 FILE: BASE.DWG



CONSTRUCT 5.2' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.7' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.2' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

NOTES:
1. CONTRACTOR SHALL COLLABORATE WITH THE ENGINEER IN THE FIELD TO FINALIZE THE DESIGN OF EACH CURB RAMP AND ENSURE COMPLIANCE WITH THE APPLICABLE STANDARD DRAWINGS.

CONSTRUCT 5' LONG PERPENDICULAR CURB RAMP. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.4' LONG PERPENDICULAR CURB RAMP. DEPRESS LANDING AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

CONSTRUCT 5.6' LONG PERPENDICULAR CURB RAMP WITH RETURN CURBS. DEPRESS TURNING SPACE AS REQUIRED TO MAINTAIN REQUIRED SLOPES. SEE STANDARD DRAWING NO. 315-318.

DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---
	NO: ---
	BY: ---
	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
11TH STREET INTERSECTION DETAILS

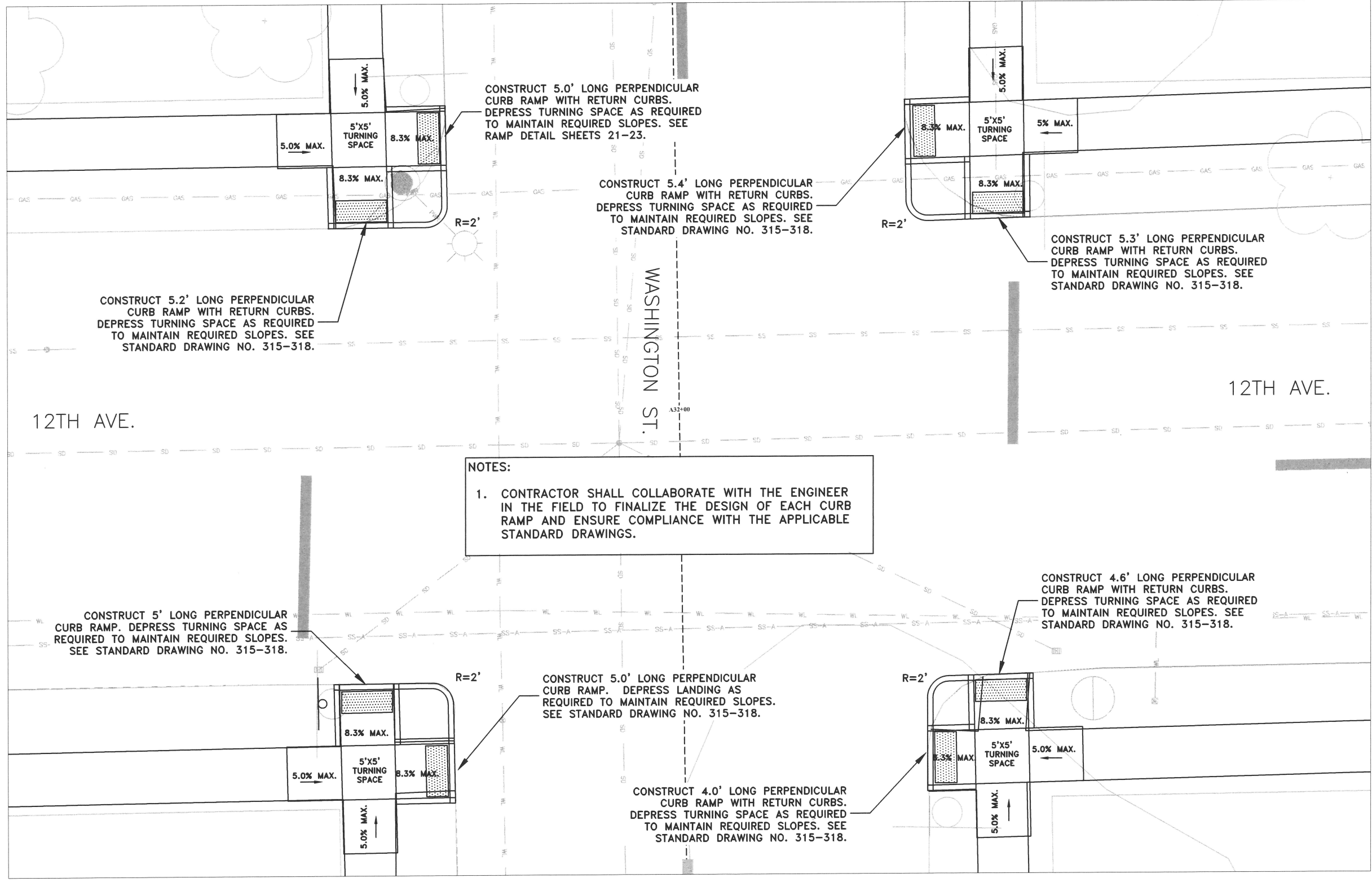
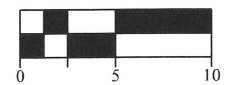


EXPIRATION DATE: 12/31/2025

SHEET NO. 45 OF 47

PROJECT NO: ST-23-01

FILE: BASE.DWG



DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO: ---
CHECKED: C. CERKLEWSKI	BY: ---
DATE: 4/18/2024	DATE: ---

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES



ST-23-01, WASHINGTON STREET AREA PROJECTS
12TH STREET INTERSECTION DETAILS

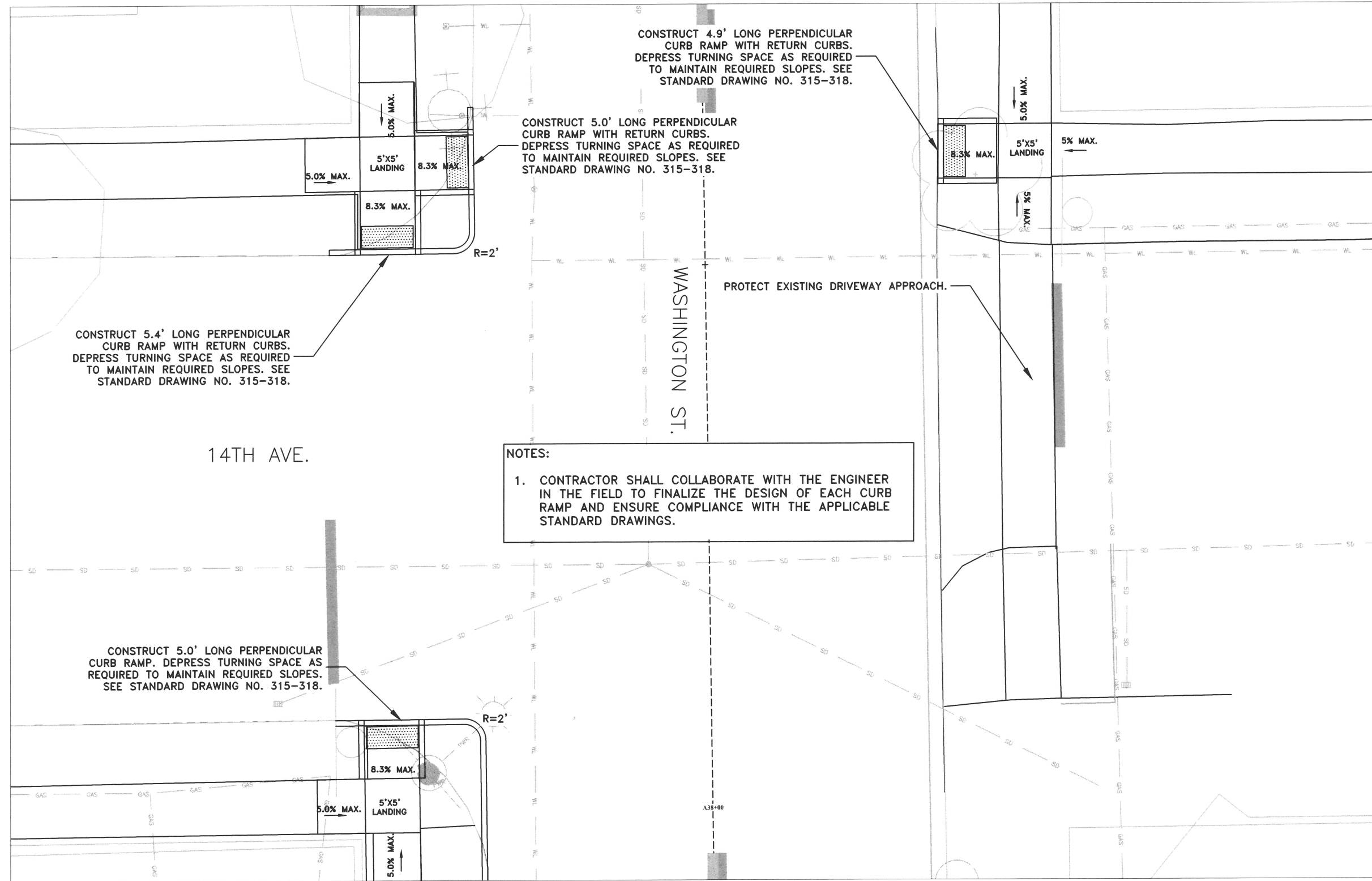


EXPIRATION DATE: 12/31/2025

SHEET NO. 46 OF 47

PROJECT NO: ST-23-01

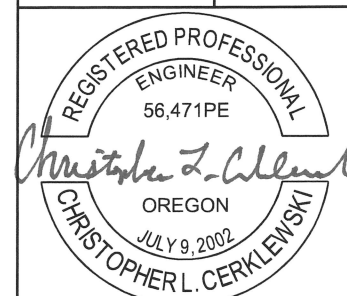
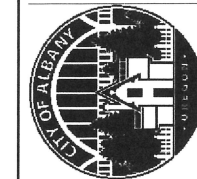
FILE: BASE.DWG



DESIGNED: A. MONACO	REVISIONS
DRAWN: A. MONACO	NO:
CHECKED: C. CERKLEWSKI	BY:
DATE: 4/18/2024	NO:
	DATE:

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

ST-23-01, WASHINGTON STREET AREA PROJECTS
14TH STREET INTERSECTION DETAILS



EXPIRATION DATE: 12/31/2025

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