

## **ADDENDUM NO. 1**

### **City of Lakewood Angle Lane/Elwood Drive Pedestrian Improvements City Project No. 302.0156**

Date of Issue: April 20, 2023

Date of Opening: **April 25, 2023**

#### **Notice to all Planholders:**

This Addendum No. 1, containing the following revisions, additions, deletions, and/or clarifications, is hereby made a part of the Plans and Contract Provisions (Contract Documents) for the above-named project. Bidders shall take this Addendum No. 1 into consideration when preparing and submitting their bids.

Bidders shall attach this Addendum No. 1 to their copy of the Contract Provisions, and shall acknowledge receipt of this Addendum No. 1 in the space provided on the Proposal. Failure to do so may subject the Bidder to disqualification of its bid.

## **CONTRACT PROVISIONS**

### **Bid Schedule**

Sheet xii – Sheet xiii. Replace the Bid Schedule with the attached. Changes include the following:

- Schedule B, as listed on the vBid section of the QuestCDN platform was originally correct. Schedule B on the single pdf file originally released had formatting issues where items were duplicated and numbering was off. The City is only accepting bids per on the QuestCDN platform. We are including a revised bid schedule B for clarity and to adjust the potholing bid item as explained below.
- Item B3, Potholing- Quantity for potholing has been increased from 20 to 22 to account for additional communication potholes related to additions on sheets 4, 5, and 12.

### **Contract**

Sheet xxi-xxv. Replace contract. Section 6B is added to address legal concerns from the Washington State Department of Retirement Systems (DRS). If an employee working on the project is being paid directly from the DRS (public pension fund), the contractor must fill out a form that the City provides.

### **Special Provisions**

Section 8-02.5 is supplemented as follows:

“PSIPE ‘Quercus Garryana’ 10 Gal. (Hand Water)” per each will be supplied by the City in the fall of 2023. With the difficulty obtaining the particular planting material (substitutes will not be permitted), the City will pay for and arrange delivery of the initial trees directly through the supplier. They are in 15 gallon pots and are 6-7’ tall. The contractor shall schedule a time with the City to take delivery of the trees and plant them in accordance with PSIPE per WSDOT Standard Specification 8-02.

Section 8-03.2 is supplemented as follows:

Backflow prevention device is to be paid as a part of the Schedule B – Water Main. The work for the water main schedule includes installation of a new 6” irrigation service with 6” backflow device that services Fort

Steilacoom Park. Following the 6" DCVA on the park side (not potable water side) the contractor shall provide a 6x1 fitting or corp. That shall be the demarc between the water main portion of the work and the irrigation work. The irrigation valves shall not require the use of a flow sensor as the system is a dc battery operated system.

Section 9-14.2 is added as follows:

#### **9-14.2 Seed**

#### **Supplement**

Hydroseeding shall be performed by an experienced applicator.

Seed shall be broadcast with approved hydraulic seeding equipment, in combination with wood-cellulose fiber mulch, soil stabilizer and fertilizer distributed uniformly over designated areas. Half of seed shall be sown with sower moving in one direction, the other half with sower moving at right angles to first sowing. Seed shall not be broadcast during windy weather. Hydroseeding operator shall remove all seed mulch in its entirety from adjoining paving, structures and plants.

Grass seed of the type specified shall conform to the standards for "Certified" grade seed or better as outlined by the State of Washington Department of Agriculture "Rules for Seed Certification", latest edition. Seed shall be furnished in standard containers on which shall be shown the following information:

1. Common name of seed
2. Lot number
3. Net weight
4. Percentage of purity
5. Percentage of germination (in case of legumes, percentage of germination to include hard seed)
6. Percentage of weed seed content and inert material clearly marked for each kind of seed in accordance with applicable State and Federal Laws.

Upon request, the Contractor shall furnish to the Engineer duplicate copies of a statement signed by the vendor certifying that each lot of seed has been tested by a recognized seed testing laboratory within 6 months before date of delivery on the project. Seed which has become wet, moldy, or otherwise damaged in transit, or storage will not be accepted.

STANDARD SEED MIX (Percentage by Weight):

Hard Fescue (Spartan)	20%
Perennial Turf Type Rye Grass (Sherwood, Tara Dandy)	50%
Kentucky Bluegrass	30%

The above seed mixture shall be applied at the rate of 240 pounds per acre.

## **Plans**

### **WATER MAIN PLANS**

1. **Sheet 2** – Water utility notes 1, 4, 8, 12 and 14 were revised and note 11 was removed:
  - a. Note 1 was revised to allow the use of Class 50 pipe for the mainline per District Standards.
  - b. Note 4 was revised to call out the appropriate District Detail.
  - c. Note 8 was revised to identify the correct District specifications for separation.
  - d. Note 11 was removed.
  - e. Note 12 was revised to allow for the District Inspector to revise the location of meters.

- f. Note 14 was revised to remove the Engineer.
- 2. **Sheets 4 & 5** – Revised General Note 4, Revised Construction Note 9 & 17
  - a. General Note 4 was revised so that the meter location in the field is to be coordinated with the District Inspector
  - b. Construction Note 9 was revised to from Class 52 to Class 50 to match District Standards
  - c. Construction Note 17 was revised to from Class 52 to Class 50 to match District Standards.
- 3. **Sheets 9-11** – Engineer’s seal did not plot on the sheet, signature and seal has been added.
- 4. **Sheet 12** – Lumen contacted the City and identified a buried copper telephone line that wasn’t located prior to survey. Lumen has indicated where the line is and it has been added to the existing conditions plans as well as pothole locations that will be needed to locate the line in the field. The line is now visible on sheets 4 & 5 as well.

**ALL OTHER REQUIREMENTS OF THE CONTRACT DOCUMENTS REMAIN IN EFFECT.**

*Troy Pokswinski*

Troy Pokswinski, P.E.  
City of Lakewood

Date: April 20, 2023

A-63	8-22.5	Plastic Speed Bump Symbol	8	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
A-64	8-22.5	Plastic Crosswalk Line	640	SF	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
A-65	8-22.5	Plastic Yield Symbol	16	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
A-66	8-26.5	Tree Barricade	3	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
A-67	8-26.5	Gate System Complete	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
<b>TOTAL</b>					Fill in QuestCDN Bid Worksheet	

### **SCHEDULE B – Water Main**

Item No.	Section No.	Description	Quantity	Unit	Unit Price	Amount
B-1	01150-2a	Minor Change	10,000	FA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-2	01150-2b	Mobilization	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-3	01150-2c	Potholing	22	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-4	01150-2d	Record Drawings, (Min. Bid \$2000)	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-5	01150-2e	Traffic Control	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-6	01150-2f	Water Main Surveying	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-7	01150-2g8	Furnish and Install 8 Inch Ductile Iron Water Main	1,136	LF	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-8	01150-2g6	Furnish and Install 6 Inch Ductile Iron Water Main	176	LF	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-9	01150-2h8	Furnish and Install 8-Inch Gate Valve	9	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-10	01150-2h6	Furnish and Install 6-Inch Gate Valve	1	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-11	01150-2i	Furnish and Install Fire Hydrant Assembly	1	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-12	01150-2j	Furnish and Install Combination Air Release/Air Vacuum Valve Assembly	1	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-13	01150-2k	Connection to Existing System	6	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet



B-14	01150-2l	Import Trench Backfill and Bedding	61	CY	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-15	01150-2m	Furnish and Install Ductile Iron Fittings	19	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-16	01150-2n	1-Inch Irrigation Service	1	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-17	01150-2o	Reconnect Existing Water Service	4	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-18	01150-2p	Trench Excavation Safety System	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-19	01150-2q	Compaction Tests	18	EA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-20	01150-2r	Erosion Control and Water Pollution Prevention	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-21	01150-2s	Remove, Protect and Reinstall Chainlink Fence	30	LF	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-22	01150-2t	Install 6-Inch Meter Vault	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-23	01150-2u	Install 6-Inch Double Detector Check Valve Vault	1	LS	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
B-24	01150-2v	Resolution of Utility Conflicts	15,000	FA	Fill in QuestCDN Bid Worksheet	Fill in QuestCDN Bid Worksheet
<b>SUBTOTAL</b>					Fill in QuestCDN Bid Worksheet	
<b>SALES TAX (10.0%)</b>					Added After Bid Opening	
<b>SCHEDULE B TOTAL</b>					Calculated After Bid Opening	

**CONTRACT AGREEMENT**  
**Angle Lane/Elwood Drive Pedestrian Improvements**  
**City Project No. 302.0156**

THIS AGREEMENT, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the **CITY OF LAKEWOOD**, Washington, a municipal corporation, hereinafter referred to as the City, and \_\_\_\_\_, hereinafter called the Contractor.

WITNESSETH:

**WHEREAS**, the City desires to have certain services and/or work performed as hereinafter set forth requiring specialized skills and other supportive capabilities; and,

**WHEREAS**, the Contractor represents that the Contractor is qualified and possesses sufficient skills and the necessary capabilities, including technical and professional expertise where required, to perform the services set forth in this Agreement.

**NOW THEREFORE**, in consideration of the terms, conditions, covenants, and performance contained herein, the parties hereto agree as follows:

1. **SCOPE OF SERVICES.**

The Contractor shall perform such services and accomplish such work, including the furnishing of all materials and equipment necessary for full performance thereof, as are identified and designated as Contractor responsibilities throughout this Agreement and as detailed in the attached plans, specifications, addenda, and the 2023 Standard Specifications for Road, Bridge, Municipal Public Works Construction prepared by the Washington State Department of Transportation and the Washington State Chapter of the American Public Works Association herein after called the Standard Specification, and shall perform any alterations in or additions to the work provided under this contract and every part thereof.

2. **TIME FOR PERFORMANCE AND LIQUIDATED DAMAGES.**

A. The Contractor shall perform the work of the scope of service in accordance with the time for performance as specified in the Bid Form.

B. Liquidated damages shall apply as specified in the Bid Form.

3. **COMPENSATION AND METHOD OF PAYMENT.**

A. Payments for services provided hereunder shall be made following the performance of such services, unless otherwise permitted by law and approved in writing by the City.

B. No payment shall be made for any service rendered by the Contractor except for services identified and set forth in this agreement.

C. The City shall pay the Contractor for work performed under this Agreement as detailed in the Bid Schedule which is incorporated herein and made a part hereof by this reference.

D. The Contractor shall submit to the City, in accordance with the procedures specified in the Standard Specifications, and on forms approved by the City, a voucher or invoice for services rendered during the pay period. The City shall initiate authorization for payment after receipt of said approved voucher or invoice and shall make payment to the Contractor within approximately thirty (30) days thereafter.

4. INDEPENDENT CONTRACTOR RELATIONSHIP.

A. The parties intend that the relationship of an independent Contractor between the Contractor and the City will be created by this Agreement. The City is interested primarily in the results to be achieved. The implementation of services will lie solely with the Contractor. No agent, employee, servant or representative of the Contractor shall be deemed to be an employee, agent, servant or representative of the City for any purpose, and the employees of the Contractor are not entitled to any of the benefits the City provides for its employees. The Contractor will be solely and entirely responsible for its acts and for the acts of its agents, employees, servants, subcontractors or representatives during the performance of this Agreement.

B. In the performance of the services herein contemplated the Contractor is an independent contractor with the authority to control and direct the performance of the details of the work, however, the results of the work contemplated herein must meet the approval of the City and shall be subject to the City's general rights of inspection and review to secure the satisfactory completion thereof.

5. CONTRACTOR'S EMPLOYEES – PREVAILING WAGE REQUIREMENTS.

The Contractor shall be responsible for payment of wages and salaries, plus all appropriate and timely employment related contributions, for all employees of the Contractor, including but not limited to Workers Compensation Insurance and Unemployment Insurance. The Contractor shall also comply with applicable prevailing wage requirements, and shall document the same to the City upon request, and shall file with the City appropriate affidavits, certificates and/or statements of compliance with the prevailing wage requirements. The Contractor shall also ensure that any sub-contractors or agents of the Contractor shall comply with the requirements hereof.

6. CONTRACTOR'S EMPLOYEES – EMPLOYMENT ELIGIBILITY REQUIREMENTS

A. The Contractor and any subcontractors shall comply with E-Verify as set forth in Lakewood Municipal Code Chapter 1.42. E-Verify is an Internet-based system operated by United States Citizenship and Immigration Services in partnership with the Social Security Administration. E-Verify is free to employers and is available in all 50 states. E-Verify provides an automated link to federal databases to help employers determine employment eligibility of new hires and the validity of their Social Security numbers. The Contractor shall enroll in, participate in and document use of E-Verify as a condition of the award of this contract. The Contractor shall continue participation in E-Verify throughout the course of the Contractor's contractual relationship with the City. If the Contractor uses or employs any subcontractor in the performance of work under this contract, or any subsequent renewals, modifications or extension of this contract, the subcontractor shall register in and participate in E-Verify and certify such participation to the Contractor. The Contractor shall show proof of compliance with this section, and/or proof of subcontractor compliance with this section, within three (3) working days of the date of the City's request for such proof.

B. The City's obligation to comply with Department of Retirement Systems (DRS) Retiree Return to Work Verification Process extends to Independent Contractors and Third Party Workers. The Contractor hereby certifies that no one who will be providing service to the City of Lakewood has retired under a DRS system or will provide a list, attached hereto as an Exhibit to this Agreement of DRS retirees who will be providing services to the City of Lakewood.

7. BOND REQUIREMENTS.

The Contractor shall provide and deliver to the City, through its Contract Administrator identified below, such Performance Bond(s) as may be required by the City, in such amount(s) and form(s) as required by the City.

8. HOLD HARMLESS AND INDEMNIFICATION.

The Contractor shall indemnify and hold the City and its agents, employees, and/or officers, harmless from and shall process and defend at its own expense any and all claims, demands, suits, at law or

equity, actions, penalties, losses, damages, or costs, of whatsoever kind or nature, brought against the City arising out of, in connection with, or incident to the execution of this Agreement and/or the Contractor's performance or failure to perform any aspect of this Agreement; provided, however, that if such claims are caused by or result from the concurrent negligence of the City, its agents, employees, and/or officers, this indemnity provision shall be valid and enforceable only to the extent of the negligence of the Contractor; and provided further, that nothing herein shall require the Contractor to hold harmless or defend the City, its agents, employees and/or officers from any claims arising from the sole negligence of the City, its agents, employees, and/or officers. No liability shall attach to the City by reason of entering into this Agreement except as expressly provided herein.

9. INSURANCE.

The Contractor shall obtain, and keep in force during the full term of this Agreement, Public Liability and Property Damage Insurance in accordance with Sections 1-07.18 of the APWA General Special Provisions to the Standard Specifications and the following additions:

A. The City shall be specifically named as **ADDITIONAL INSURED** in the insurance coverage required hereinabove. A certificate of such insurance or a copy of such insurance policy or policies shall be provided to the City within ten (10) working days after the execution of the Agreement. The Contractor's insurer shall agree to give the City thirty (30) days written notice of cancellation or reduction in coverage below the limits set forth herein. Coverage in the minimum amount set forth herein shall not be construed to relieve the Contractor from liability in excess of such coverage. Further, the City reserves all claims or rights of action against the Contractor as if the City were not named in the subject policy or policies.

10. COMPLIANCE WITH LAWS.

A. The Contractor, in the performance of the Agreement, shall comply with all applicable federal, state or local laws and ordinances, including regulations for licensing, certification and operation of facilities, programs and accreditation, and licensing of individuals, and any other standards or criteria as described in this Agreement to assure quality of services.

B. The Contractor specifically agrees to pay any applicable business and permit fees and taxes which may be due on account of this Agreement.

11. NONDISCRIMINATION.

A. The City is an equal opportunity employer.

B. In the performance of this Agreement, the Contractor will not discriminate against any employee or applicant for employment on the grounds of race, creed, color, national origin, sex, marital status, age, or the presence of any sensory, mental or physical handicap; provided that the prohibition against discrimination in employment because of handicap shall not apply if the particular disability prevents the proper performance of the particular worker involved. The Contractor shall ensure that applicants are employed, and that employees are treated during employment without discrimination because of their race, creed, color, national origin, sex, marital status, age, or the presence of any sensory, mental or physical handicap. Such action shall include, but not be limited to: employment, upgrading, demotion or transfers, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and programs for training including apprenticeships. The Contractor shall take such action with respect to this Agreement as may be required to ensure full compliance with Chapter 49.60 Revised Code of Washington, Law Against Discrimination.

C. Title VI Standard Assurance. In performance of this Agreement, the Contractor in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to

such Act will affirmatively insure it will not discriminate against any recipient of any services or benefits provided for in this Agreement on the grounds of race, creed, color, national origin, sex, marital status, age or the presence of any sensory, mental or physical handicap.

D. If any assignment and/or subcontracting has been authorized by the City, said assignment or subcontract shall include appropriate safeguards against discrimination. The Contractor shall take such action as may be required to ensure full compliance with the provision in the immediately preceding paragraphs herein.

12. RESTRICTION AGAINST ASSIGNMENT.

The Contractor shall not assign this Contract or any interest herein, nor any money due or to become due hereunder without first obtaining the written consent of the City, nor shall the Contractor subcontract any part of the services to be performed hereunder, without first obtaining the consent of the City.

13. CONTINUATION OF PERFORMANCE.

In the event that any dispute or conflict arises between the parties while this Contract is in effect, the Contractor agrees that, notwithstanding such dispute or conflict, the Contractor shall continue to make a good faith effort to cooperate and continue work toward successful completion of assigned duties and responsibilities.

14. CONTRACT ADMINISTRATION.

This Contract shall be administered by \_\_\_\_\_ on behalf of the Contractor and by the City Manager or designee on behalf of the City. Any written notices required by terms of this Contract shall be served or mailed to the following address(es):

If to the City:  
City of Lakewood  
6000 Main Street SW  
Lakewood, WA 98499

If to the Contractor:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

15. CONSTRUCTION AND VENUE.

This Contract shall be construed in accordance with laws of the State of Washington. In the event of any litigation regarding the construction or effect of this Contract, or the rights of the parties pursuant to this Contract, it is agreed that venue shall be Pierce County, Washington.

16. TERMINATION AND SUSPENSION.

A. The City may terminate this Agreement upon not less than fifteen (15) days written notice to the Contractor if the services provided for herein are no longer needed from the Contractor.

B. If this Agreement is terminated through no fault of the Contractor, the Contractor shall be compensated for services performed prior to termination in accordance with the rate of compensation provided in the Contract Documents incorporated herein.

17. MERGER AND AMENDMENT.

This Contract contains the entire understanding of the parties with respect to the matters set forth herein and any prior or contemporaneous understandings are merged herein. This contract shall not be modified except by written instrument executed by all parties hereto.

**IN WITNESS WHEREOF** the parties hereto have caused this agreement to be executed the day and year first above written.

**CITY OF LAKEWOOD, OWNER**

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John J. Caulfield, City Manager

**ATTEST:**

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Briana Schumacher, City Clerk

**APPROVED AS TO FORM:**

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Heidi Wachter, City Attorney









































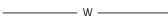




**CONTRACTOR**

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Name: \_\_\_\_\_

Title: \_\_\_\_\_

### LEGEND

EXISTING		PROPOSED	
	FOUND MONUMENT AS NOTED		PROPOSED WATER MAIN
	SET NAIL AND WASHER		GATE VALVE
	BOLLARD		COUPLING/LONG SLEEVE
	MAIL BOX		TEE
	SIGN		METER
	CLEANOUT		REDUCER
	SANITARY SEWER MANHOLE		THRUST BLOCK
	STORM CATCH BASIN		CAP
	GAS METER		WATER LINE TO BE REMOVED OR ABANDONED PER SPECIAL PROVISIONS
	GAS VALVE		FIRE HYDRANT
	TRAFFIC SIGNAL POLE W/ LIGHT		AIR VAC ASSEMBLY
	TRAFFIC CABINET		NEW ASPHALT PAVEMENT
	GUY ANCHOR		BACKFILL PER SPECIAL PROVISIONS
	UTILITY POWER POLE		
	JUNCTION BOX		
	STREET LIGHT		
	POWER VAULT		
	LUMINAIRE		
	TELEPHONE VAULT		
	FIRE HYDRANT		
	IRRIGATION CONTROL VALVE		
	WATER METER		
	WATER VALVE		
	CONIFEROUS TREE		
	DECIDUOUS TREE		
	SD STORM LINE		
	S SEWER LINE		
	W WATER LINE		
	G GAS LINE		
	BP BURIED ELECTRICAL LINE BURIED		
	T COMMUNICATION LINE		
	X FENCE		

## ABBREVIATIONS

AC	ASBESTOS CONCRETE	HP	HIGH POINT	PVI	POINT OF VERTICAL
ACP	ASPHALT CONCRETE PAVEMENT	ID	INSIDE DIAMETER	R	RADIUS
ADA	AMERICANS WITH DISABILITIES ACT	IE	INVERT ELEVATION	RAB	ROUND A BOUT
ALT	ALTERNATE	L	LENGTH	REQD	REQUIRED
AP	ANGLE POINT	LF	LINEAR FEET	RP	RADIUS POINT
APPROX	APPROXIMATE	LP	LOW POINT	RT	RIGHT
AVE	AVENUE	LT	LEFT	R/W, ROW	RIGHT OF WAY
BLDG	BUILDING	LWD	LAKEWOOD WATER DISTRICT	S	SLOPE/SOUTH
BOW	BOTTOM OF WALL	MAX	MAXIMUM	SD	STORM DRAIN
CB	CATCH BASIN	MDD	MAXIMUM DRY DENSITY	SS	SANITARY SEWER
CD	CONTROLLED DENSITY FILL	MIC	MONUMENT IN CASE	SHT	SHEET
CHAN	CHANNELIZATION	MIL	MILLIMETER	SPEC	SPECIFICATIONS
C ,CL, & CL	CENTERLINE	MIN	MINIMUM	SSMH	SANITARY SEWER MANHOLE
CL	CLASS	MH	MANHOLE	ST	STREET
CO	CLEANOUT	MISC	MISCELLANEOUS	STA	STATION
CONC	CONCRETE	MJ	MECHANICAL JOINT	STD	STANDARD
COLW	CITY OF LAKEWOOD	MON	MONUMENT	T	TANGENT LENGTH
CSBC	CRUSHED SURFACING BASE COURSE	MSE	MECHANICALLY STABILIZED EARTH	TEMP	TEMPORARY
CSTC	CRUSHED SURFACING TOP COURSE	N	NORTHING/NORTH	TOC	TOP OF CURB
DET	DETAIL	NO,#	NUMBER	TOG	TOP OF GRATE
DIAM, Ø	DIAMETER	NTS	NOT TO SCALE	TOW	TOP OF WALL
DIP/DI	DUCTILE IRON PIPE	O.C.	ON CENTER	TYP	TYPICAL
DW	DRIVEWAY	O.D.	OUTSIDE DIAMETER	UNK	UNKNOWN
E	EASTING/EAST	PC	POINT OF CURVATURE	VC	VERTICAL CURVE
EL/ELEV	ELEVATION	PCC	POINT OF CURVE ON CURVE	VERT	VERTICAL
EOP	EDGE OF PAVEMENT	PCC	PORTLAND CEMENT CONCRETE	W	WATER, WEST
EX/EXIST	EXISTING	PE	POLYETHYLENE	WM	WATERMAIN
FL	FLANGE/FLOWLINE	PI	POINT OF INTERSECTION	W/	WITH
FOC	FACE OF CURB	PIV	PRESSURE INDICATOR VALVE	WSDOT	WASHINGTON STATE
H, HOR	HORIZONTAL	POC	POINT OF CURVE		DEPARTMENT
HMA	HOT MIX ASPHALT	PRC	POINT OF REVERSE CURVATURE		OF TRANSPORTATION
		PT	POINT OF TANGENCY	Δ	DELTA
		PVC	POLYVINYL CHLORIDE		

## GENERAL NOTES

1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH DISTRICT STANDARDS AND/OR THE ENGINEERING DESIGN AND CONSTRUCTION STANDARDS AND THE MOST CURRENT EDITION OF THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND MUNICIPAL CONSTRUCTION. IN CASES OF CONFLICT, THE MOST STRINGENT STANDARD SHALL APPLY.
2. THE CONTRACTOR SHALL BE IN COMPLIANCE WITH ALL SAFETY STANDARDS AND REQUIREMENTS AS SET FORTH BY OSHA, WISHA AND THE WASHINGTON STATE DEPARTMENT OF LABOR AND INDUSTRIES.
3. ALL APPROVALS AND PERMITS REQUIRED BY THE DISTRICT SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL IN ACCORDANCE WITH THE WSDOT/APWA STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (ALL APPLICABLE "TC" PLANS IN THE STANDARD PLANS) AND/OR THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). PRIOR TO INTERRUPTION OF ANY TRAFFIC, AN APPROVED TRAFFIC CONTROL PLAN IS REQUIRED. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
5. IF CONSTRUCTION IS TO TAKE PLACE IN THE DISTRICT OR COUNTY RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY THE DISTRICT OR COUNTY AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS. A COPY OF THE RIGHT-OF-WAY PERMIT MUST BE SUBMITTED TO THE DISTRICT PRIOR TO THE START OF CONSTRUCTION.
6. A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE DISTRICT PRIOR TO THE START OF CONSTRUCTION.
7. APPROXIMATE LOCATIONS OF EXISTING UTILITIES HAVE BEEN OBTAINED FROM AVAILABLE RECORDS AND ARE SHOWN FOR CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF LOCATIONS AND TO AVOID DAMAGE TO ANY ADDITIONAL UTILITIES NOT SHOWN. IF CONFLICTS WITH EXISTING UTILITIES ARISE DURING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DISTRICT ENGINEER AND ANY CHANGES REQUIRED SHALL BE APPROVED BY THE DISTRICT ENGINEER PRIOR TO COMMENCEMENT OF THE AFFECTED CONSTRUCTION.
8. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES, WHICH INCLUDES KEEPING THE LOCATES CURRENT. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION BY CALLING THE UNDERGROUND LOCATE LINE AT 800-424-5555 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND AFTER THE LOCATES ARE COMPLETED THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN MARKS THROUGH CONSTRUCTION.
9. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP A COPY OF THE APPROVED SET OF PLANS ON SITE. ALSO, A CURRENT RED-LINE (CHANGE TO THE PLAN) DRAWING OF THE APPROVED PLAN INDICATING CHANGES SHALL BE KEPT ON THE CONSTRUCTION SITE AT ALL TIMES.
10. ALL SURVEYING AND STAKING SHALL BE PERFORMED PER THE ENGINEERING DESIGN AND CONSTRUCTION STANDARDS.
11. HORIZONTAL DIMENSIONS AND STATION OFFSETS ON PLAN AND PROFILE SHEETS TO PIPELINES, MANHOLES, AND OTHER FACILITIES ARE TO THE CENTERLINES OF THOSE FACILITIES UNLESS SPECIFICALLY NOTED OTHERWISE. INVERT ELEVATIONS IN MANHOLES AND OTHER STRUCTURES IDENTIFIED IN THE PLANS REFERS TO THE ELEVATION AT THE CENTER OF THE STRUCTURE.
12. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING WARNING SIGNS AND DEVICES NECESSARY TO SAFEGUARD THE GENERAL PUBLIC DURING WORKING AND NON-WORKING HOURS.
13. CONTRACTOR TO PROTECT EXISTING MONUMENTS DURING CONSTRUCTION. ANY DAMAGE TO MONUMENTS WILL BE REPAIRED AT THE CONTRACTOR'S EXPENSE BY A LICENSED SURVEYOR.
14. CONTRACTOR SHALL POTHOLE THE CONNECTION TO EXISTING WATER MAIN LOCATIONS TO VERIFY HORIZONTAL AND VERTICAL LOCATION AND PIPE MATERIAL PRIOR TO PROCURING FITTINGS FOR THE CONNECTION.
15. PROTECT ALL IMPROVEMENTS NOT MARKED FOR REMOVAL.
16. OVERHEAD POWER AND UTILITY WIRES ARE LOCATED THROUGHOUT THE PROJECT, CONTRACTOR SHALL USE CONSTRUCTION METHODS TO AVOID IMPACTS TO THESE UTILITIES.

## WATER UTILITY NOTES

1. UNLESS OTHERWISE IDENTIFIED IN THE APPROVED CONSTRUCTION PLANS ALL WATER MAINS SHALL BE DUCTILE IRON, STANDARD CLASS 50 FOR MAINS AND CLASS 52 FOR FIRE AND INSTALLED PER AWWA STANDARD C600.
2. GATE VALVES SHALL BE RESILIENT WEDGE, NRS (NON RISING STEM) WITH O-RINGS SEALS. VALVE ENDS SHALL BE MECHANICAL JOINT OR ANSI FLANGES. VALVES SHALL CONFORM TO AWWA 509 OR C515. VALVES SHALL BE MUELLER, M & H, KENNEDY OR CLOW R/W.
3. EXISTING VALVES SHALL BE OPERATED BY AUTHORIZED DISTRICT EMPLOYEES ONLY.
4. HYDRANTS SHALL BE AS SPECIFIED AS SHOWN IN THE ENGINEERING DESIGN AND CONSTRUCTION STANDARDS (DETAIL 9) AND SHALL BE BAGGED UNTIL SYSTEM IS APPROVED.
5. ALL WATER MAINS SHALL BE CHLORINATED AND TESTED IN CONFORMANCE WITH WSDOT SECTION 7-09.3 (23) AND 7-09.3 (24).
6. ALL PIPE SHALL BE INSTALLED WITH CONTINUOUS DIRECT BURY, U.S.E.12 GAUGE BLUE COATED COPPER WIRE, WRAPPED AROUND OR TAPED TO THE WATER MAIN. LOW VOLTAGE GREASE TYPE SPLICE KITS OR EPOXY KITS MAY BE USED ON TRACER WIRE. CONTINUITY TESTING OF THE WIRE WILL BE DONE BY THE DISTRICT.
7. THE DISTRICT WILL BE GIVEN 72 HOURS' NOTICE PRIOR TO SCHEDULING A WATER SYSTEM SHUTDOWN. WHERE CONNECTIONS REQUIRE "FIELD VERIFICATION", CONNECTION POINTS SHALL BE EXPOSED BY THE CONTRACTOR AND FITTINGS VERIFIED 72 HOURS PRIOR TO DISTRIBUTING SHUT-DOWN NOTICES.
8. VERTICAL AND HORIZONTAL SEPARATION BETWEEN WATER AND SEWER MAINS SHALL BE MAINTAINED PER SECTION 24 OF THE LAKEWOOD WATER DISTRICT DESIGN AND CONSTRUCTION SPECIFICATIONS. IN THE ENGINEERING DESIGN AND CONSTRUCTION STANDARDS.
9. ALL WATER MAINS SHALL HAVE RESTRAINED JOINT FITTINGS (MEGA-LUG OR APPROVED EQUAL).
10. IN AREAS WHERE NATIVE SOILS HAVE BEEN DISTURBED WITHIN 10 FEET BEHIND A BEND OR FITTING, RESTRAINED JOINT PIPE SHALL BE USED IN LIEU OF THRUST BLOCKING.
11. WATER METER LOCATIONS MAY BE ADJUSTED IN THE FIELD. COORDINATE WITH DISTRICT INSPECTOR FOR FINAL LOCATION.
12. WATER SERVICES SHALL BE INSTALLED UNDER CULVERTS OR DRAINAGE DITCHES, IF NEEDED. DEPTH MAY VARY FROM 21" TO 36" MAXIMUM AS REQUIRED AT CROSSING.
13. CONTRACTOR SHALL PROVIDE STAGING/SEQUENCING PLAN AT PRECONSTRUCTION CONFERENCE FOR REVIEW AND APPROVAL BY DISTRICT.

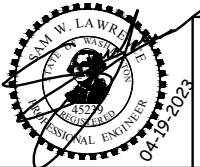
### TEMPORARY EROSION AND SETTLEMENT CONTROL NOTES

1. TEMPORARY EROSION CONTROL/WATER POLLUTION MEASURES SHALL BE REQUIRED IN ACCORDANCE WITH THE ENGINEERING DESIGN AND CONSTRUCTION STANDARDS. AT NO TIME WILL SILTS AND DEBRIS BE ALLOWED TO DRAIN INTO AN EXISTING OR NEWLY INSTALLED STORMWATER FACILITY UNLESS SPECIAL PROVISIONS HAVE BEEN APPROVED.

ALL REFERENCES TO "STANDARD SPECIFICATIONS" PERTAIN TO THE 2023 WSDOT STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION.

ALL REFERENCES TO "SPECIAL PROVISIONS" PERTAIN TO THE PROJECT MANUAL.

NO.	DATE	BY	APPR.	REVISIONS			Approved By		SLAK010100ELW_COVR.dwg	
1	4/19	CES	SWL	REVISED	NOTES PER LWD	COMMENT			FILENAME	DATE
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									CES	04/2023
							PROJECT MANAGER	DATE	DRAWN BY	DATE
									SWL	04/2023
							PROJECT ENGINEER	DATE	CHECKED BY	DATE



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## ADDENDUM #1



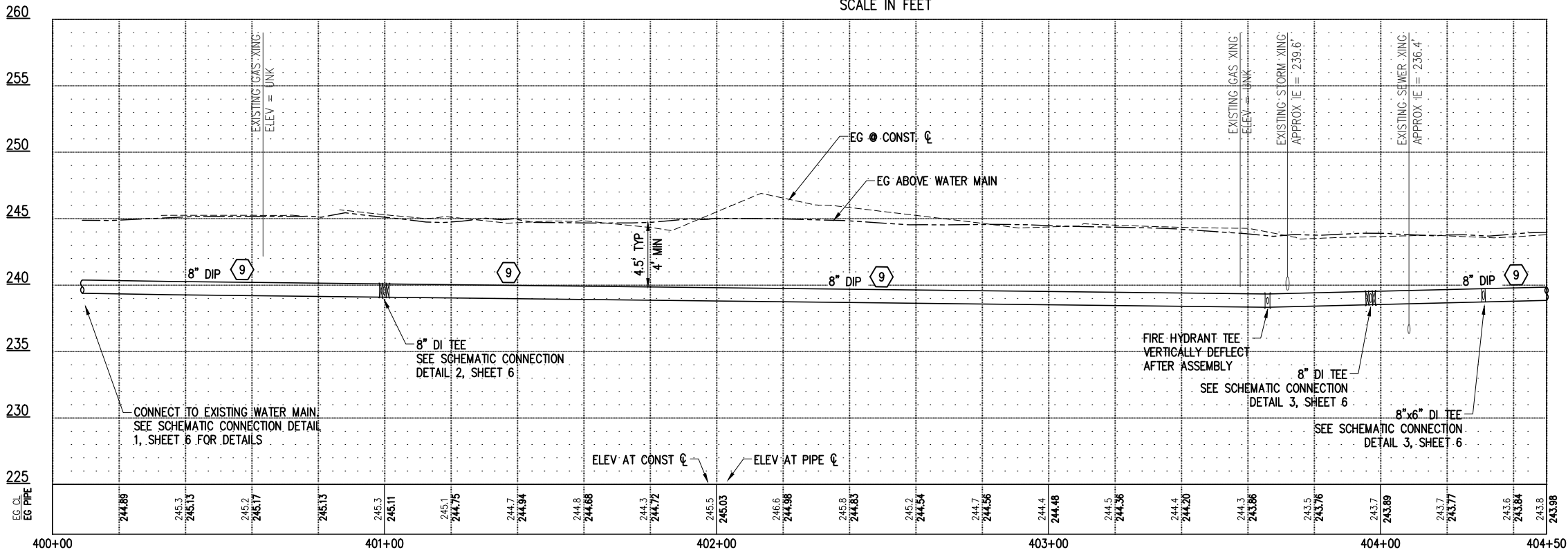
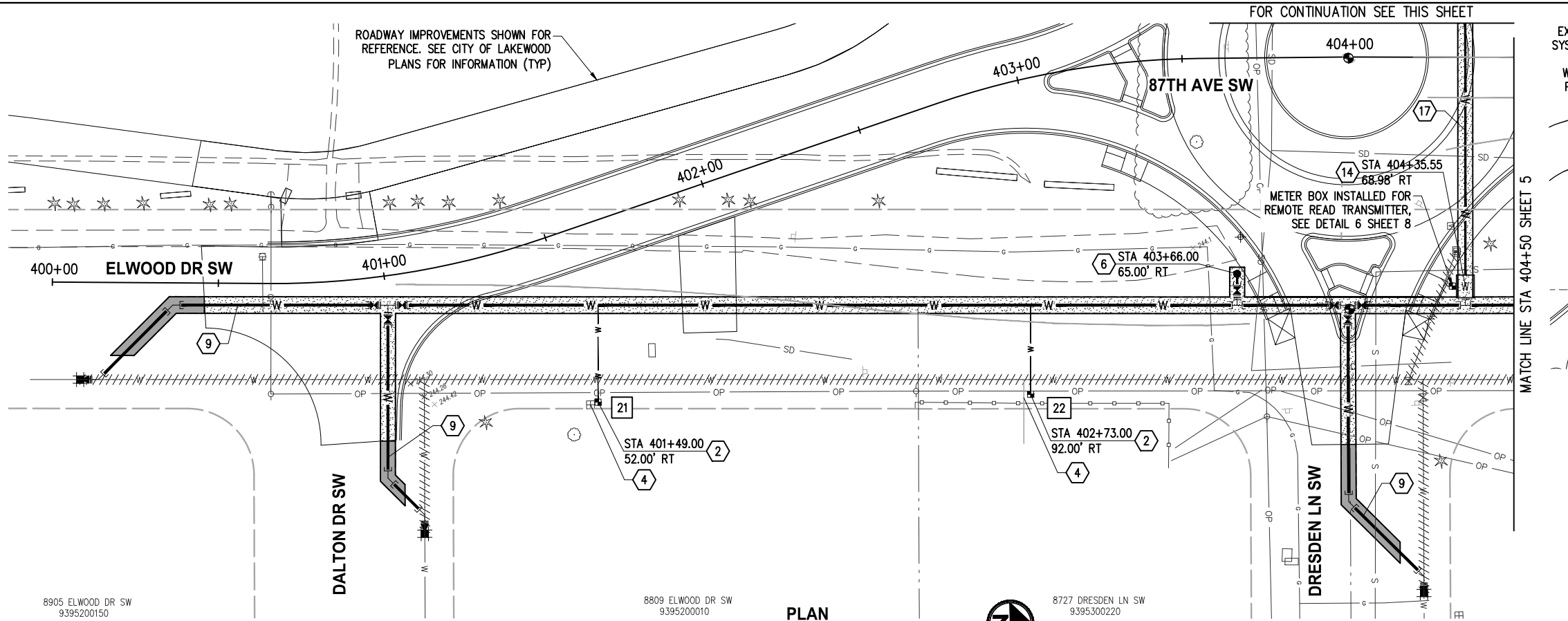
LAKWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

## LEGEND, ABBREVIATIONS & GENERAL NOTES

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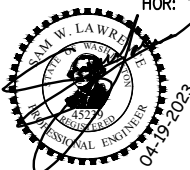
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PROFILE  
HOR: 1"=20' VER: 1"=5'

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1	4/19	CES	SWL	NOTES REVISED PER LWD COMMENT

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ENGINEERING MANAGER	DATE	FILENAME CES 04/2023
PROJECT MANAGER	DATE	DESIGNED BY DATE CES 04/2023
PROJECT ENGINEER	DATE	DRAWN BY DATE SWL 04/2023
		CHECKED BY DATE



ADDENDUM  
#1



LAKESWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

WATER PLAN & PROFILE ELWOOD DR SW STA 400+00 TO STA 404+50	
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### GENERAL NOTES

- CONTRACTOR SHALL POTHOLE THE CONNECTION TO EXISTING WATER MAIN LOCATIONS TO VERIFY HORIZONTAL AND VERTICAL LOCATION AND PIPE MATERIAL PRIOR TO PROCURING FITTINGS FOR THE CONNECTION.
- PROTECT ALL IMPROVEMENTS NOT MARKED FOR REMOVAL.
- THIS PLAN WAS PREPARED FOR THE CONTRACTOR'S CONVENIENCE IN LOCATING, PROTECTING AND AVOIDING CONFLICTS WITH EXISTING UTILITIES. IT IS BASED ON BEST AVAILABLE INFORMATION BUT IS NOT INTENDED TO BE A COMPLETE RECORD. CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY VERIFYING THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- WATER METER LOCATIONS MAY BE ADJUSTED IN THE FIELD. COORDINATE WITH THE DISTRICT INSPECTOR FOR FINAL LOCATION.
- FOR SCHEMATIC CONNECTIONS DETAILS SEE SHEETS 6-7.
- ALL HORIZONTAL AND VERTICAL BENDS SHALL BE RESTRAINED PER LWD STD DETAILS 2 AND 4.

### CONSTRUCTION NOTES

- INSTALL NEW 5/8" OR 1" WATER SERVICE, UNLESS NOTED OTHERWISE, PER LWD STD DETAIL 7A. RECONNECT EXISTING CUSTOMER PIPING AFTER NEW METER SETTER IS INSTALLED, METER SIZE SHALL BE PER TABLE THIS SHEET.
- REMOVE METER/METER BOX AND ABANDON EXISTING SERVICE LINE.
- INSTALL NEW FIRE HYDRANT PER LWD STD DETAIL 9.
- INSTALL NEW 8" DIAM. CL 50 DUCTILE IRON PIPE PER LWD STD TRENCH DETAIL 6.
- INSTALL 6" METER VAULT PER DETAIL 6, SHEET 8.
- INSTALL 6" DOUBLE CHECK-VALVE ASSEMBLY PER DETAIL 7, SHEET 8.
- INSTALL NEW 6" DIAM. CL 50 DUCTILE IRON PIPE PER LWD STD TRENCH DETAIL 6.

### LEGEND

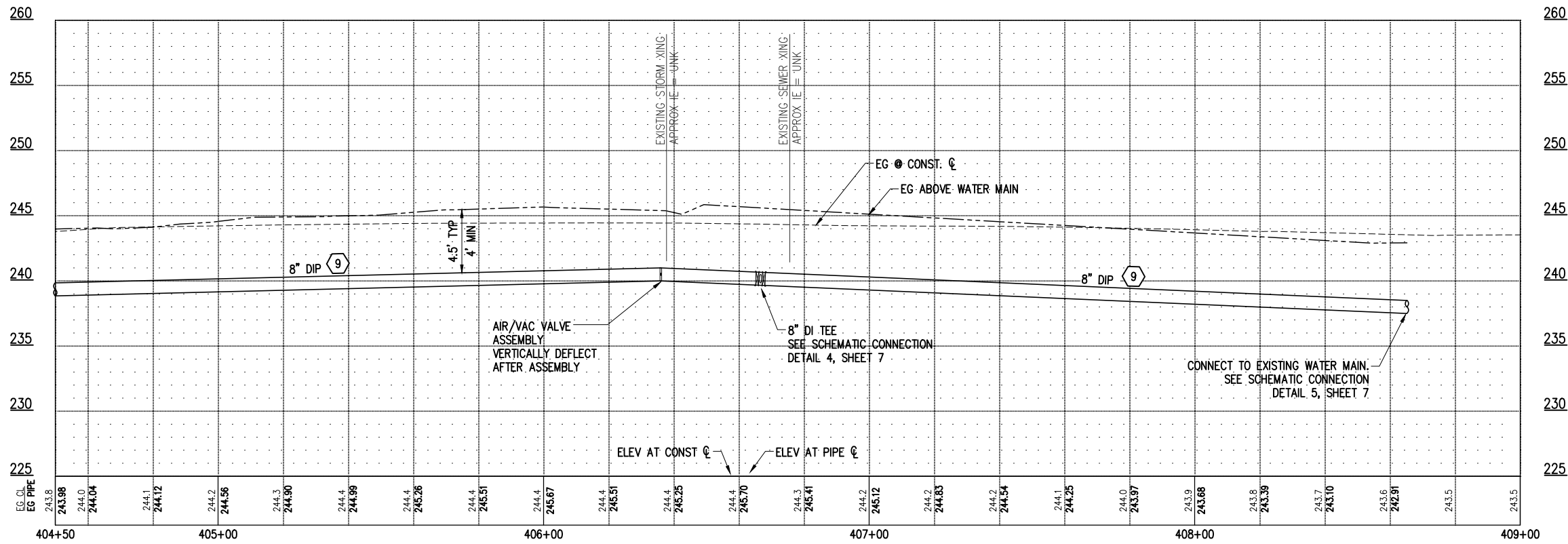
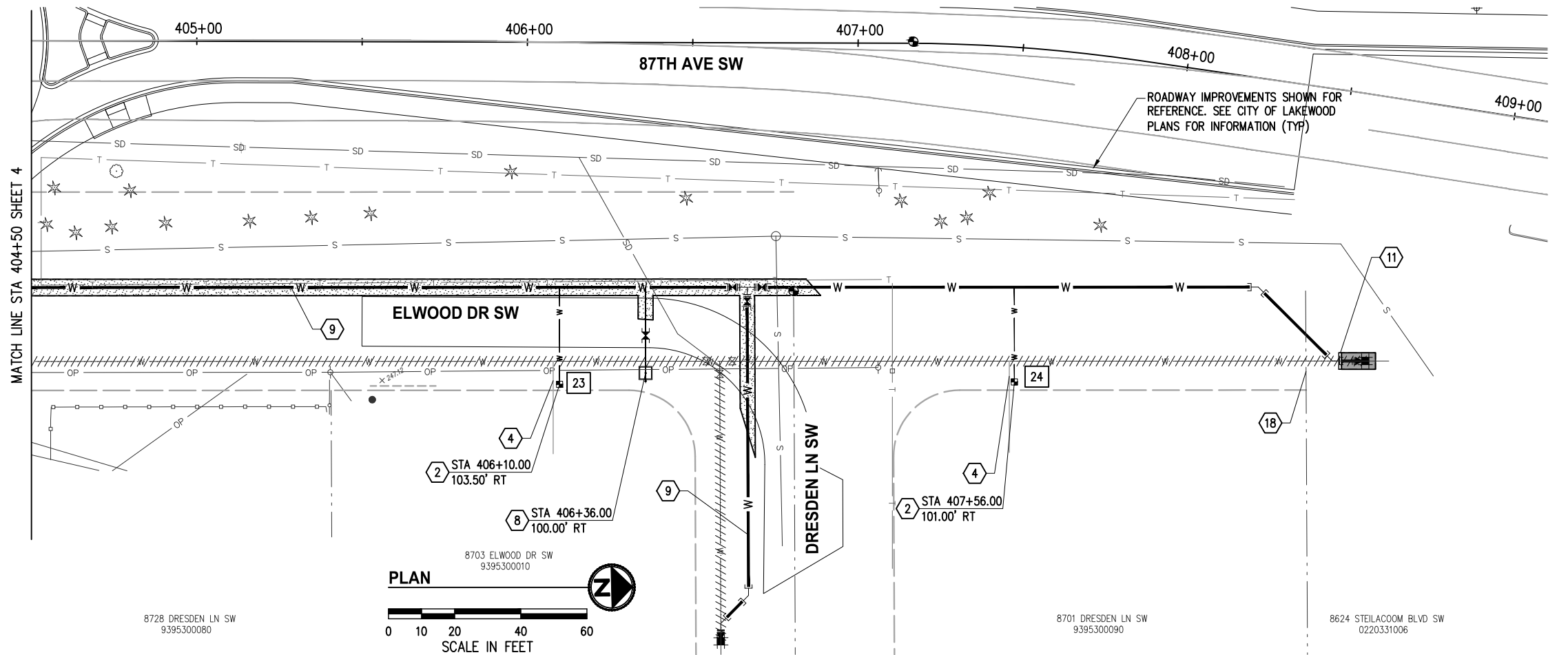
SEE SHEET 2 FOR LEGEND

### METER SCHEDULE

#	METER SIZE	ADDRESS	COMMENTS
21	5/8"	8809 ELWOOD DR SW	
22	5/8"	8727 DRESDEN LN SW	



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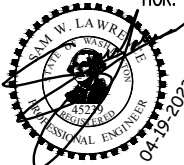
#### LEGEND

SEE SHEET 2 FOR LEGEND

#### METER SCHEDULE

##	METER SIZE	ADDRESS	COMMENTS
23	5/8"	8703 ELWOOD DR SW	
24	5/8"	8701 DRESDIN LN SW	

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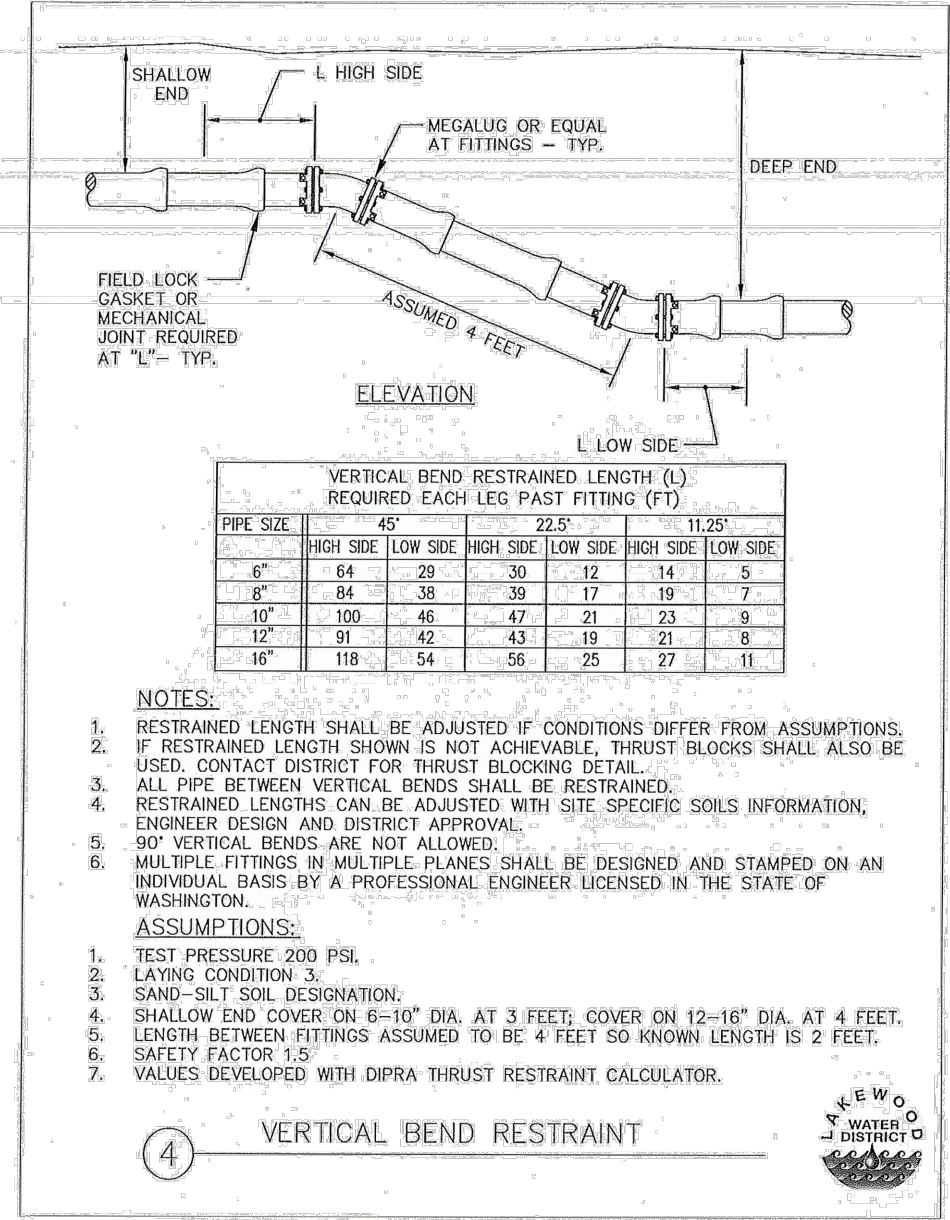
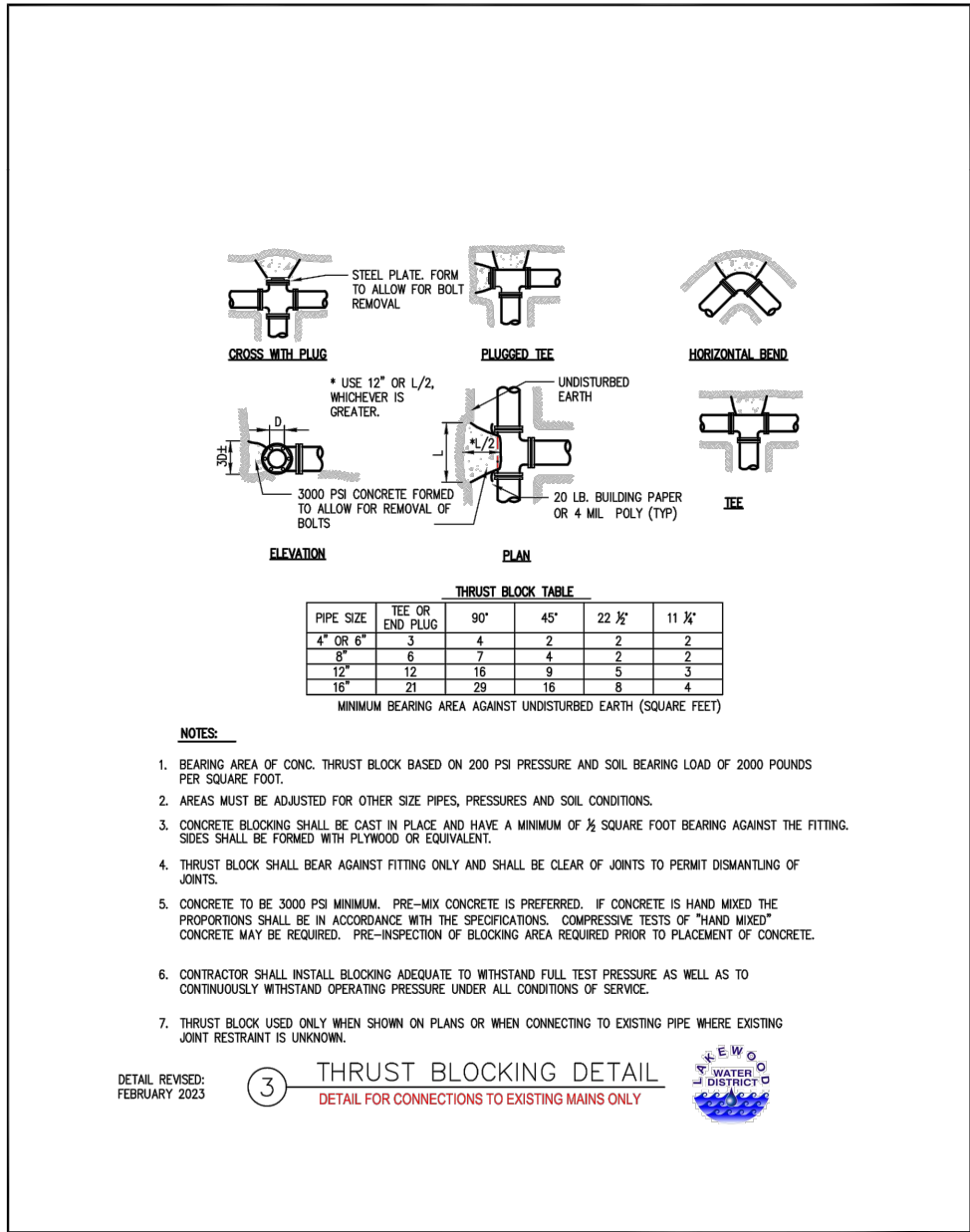
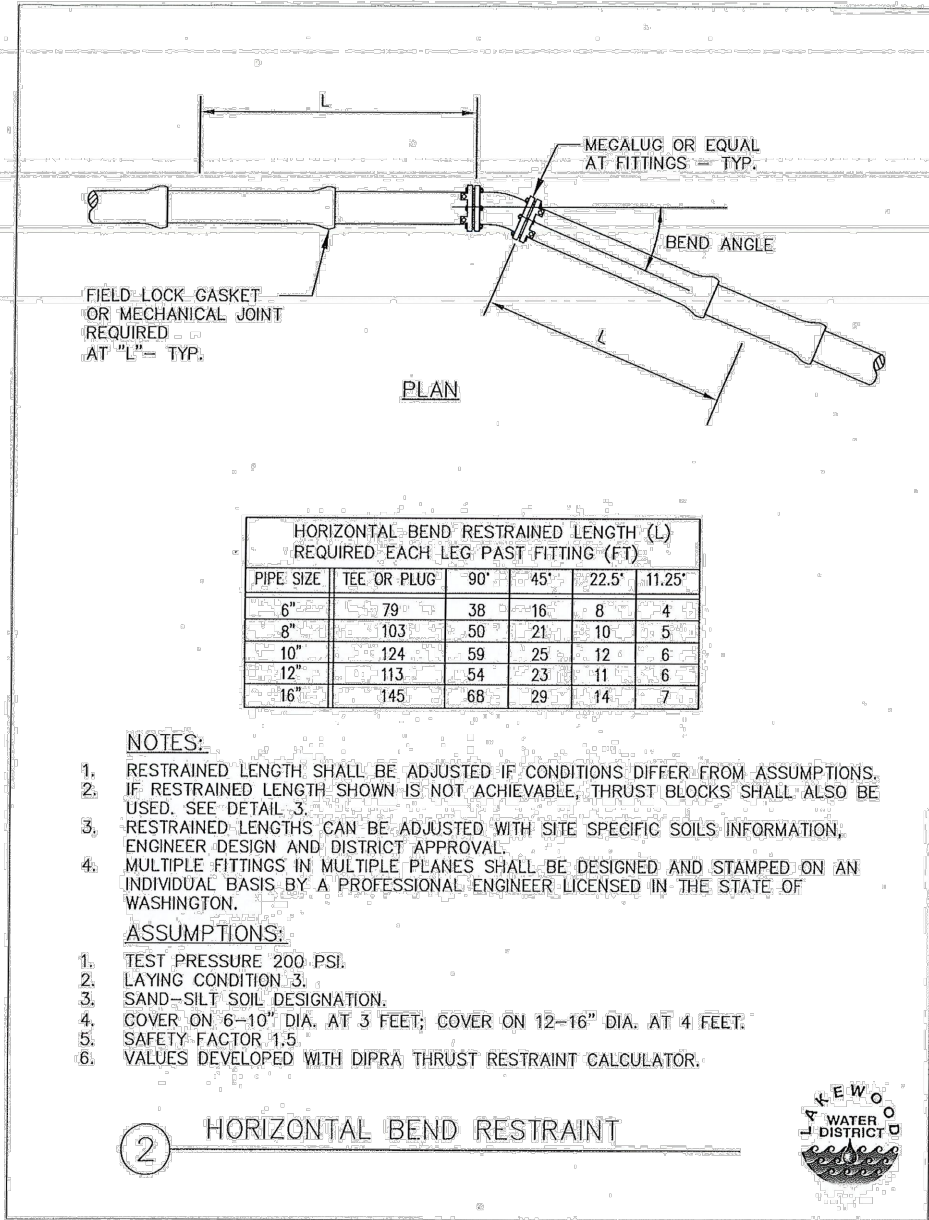


LAKEWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

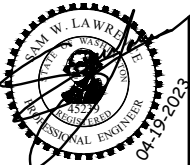
WATER PLAN & PROFILE  
ELWOOD DR SW  
STA 404+50 TO STA 409+00

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					PROJECT MANAGER	DATE	DRAWN BY DATE
							SWL 04/2023
					PROJECT ENGINEER	DATE	CHECKED BY DATE



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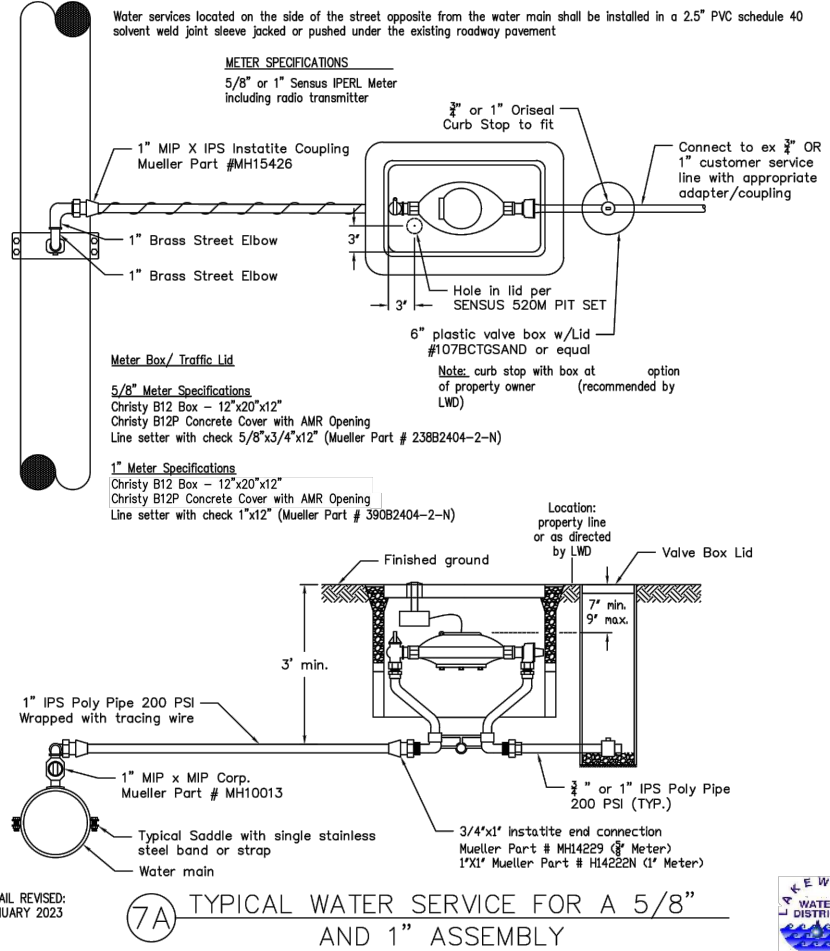
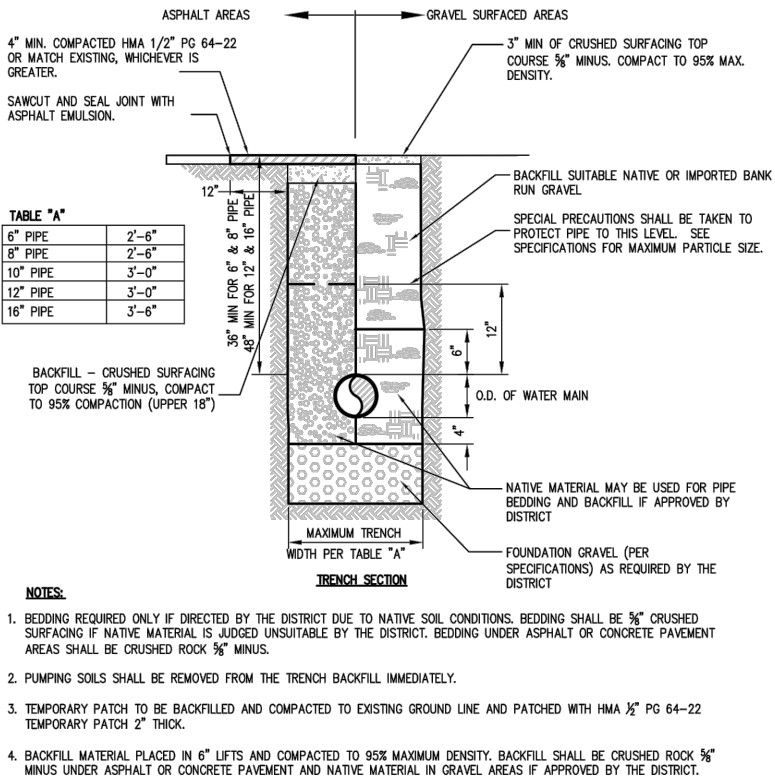
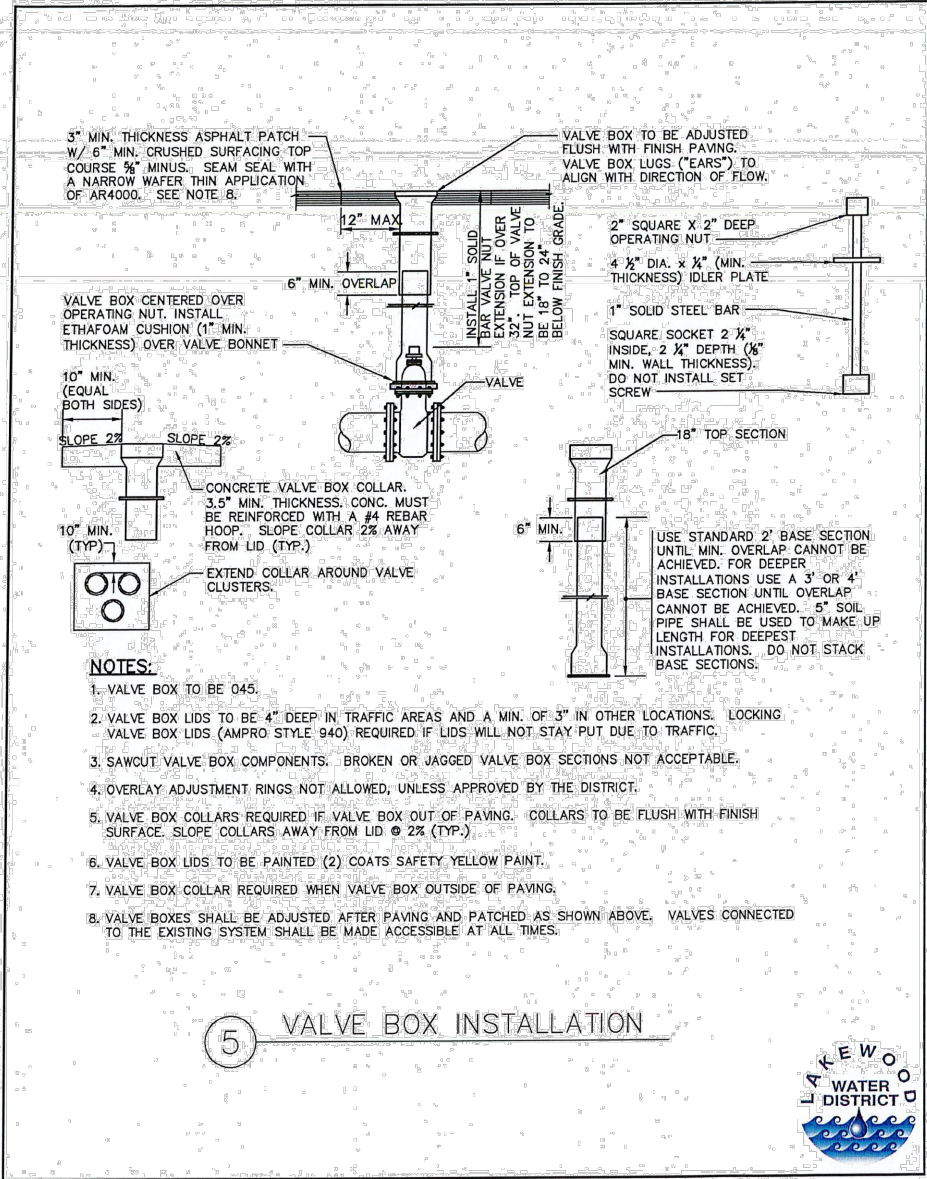


LAKWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

LAKWOOD WATER DISTRICT DETAILS

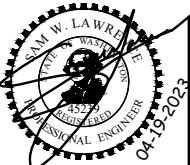


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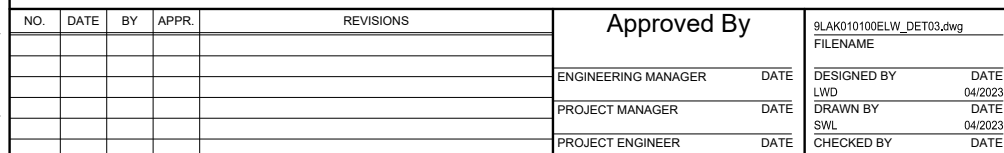
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LAKEWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

LAKEWOOD WATER DISTRICT DETAILS

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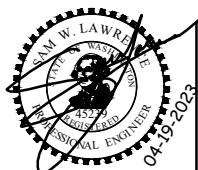
LAKEWOOD WATER DISTRICT  
ANGLE LN SW & ELWOOD DR SW  
WATER MAIN RELOCATION

LAKEWOOD WATER DISTRICT DETAILS		
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DESIGNED BY	DATE	CES	04/2023
PROJECT MANAGER	DATE	DRAWN BY	DATE
		SWL	04/2023
PROJECT ENGINEER	DATE	CHECKED BY	DATE



## ADDENDUM #1



# LAKEWOOD WATER DISTRICT ANGLE LN SW & ELWOOD DR SW WATER MAIN RELOCATION

EXISTING CONDITION PLAN  
ELWOOD DR SW  
STA 400+00 TO STA 409+00

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