

INTERLOCAL AGREEMENT

THIS INTERLOCAL AGREEMENT (Agreement) is made and entered into pursuant to chapter 39.34 of the Revised Code of Washington, the Interlocal Cooperation Act, by and between the Port of Longview, Washington, a municipal corporation organized under the laws of the State of Washington (the Port) and City of Longview, Washington, a municipal corporation of the State of Washington, acting by and through its City Council (the City), on the date shown below.

RECITALS

1. The Port is developing a major rail expansion project within the Port's industrial rail corridor that involves expanding the original two-track system with an adjacent six-track bed in order to accommodate full-length unit trains and in turn reduce congestion, increase efficiency, and create economic opportunity (IRCE).

2. The IRCE project is funded in part by the United States Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant Program. As such, the IRCE project must fulfill the contracting requirements in the United States Department of Transportation's General Terms and Conditions Under the Fiscal Year 2021 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant Program: MARAD Projects.

3. The City owns, maintains, and provides potable water and services within the City limits and Cowlitz County.

4. As part of the IRCE project, there are certain potable waterlines within the Project's right of way that the City desires to relocate to accommodate ease of maintaining its waterline infrastructure once the IRCE project is completed.

5. To accommodate the City's desire to relocate its waterline infrastructure in conjunction with the IRCE project, the Port had its consultant provide engineered drawings for the relocation of the waterlines and included such in its bid documents as "additive bid items."

6. The Port and the City desire to enter into this Agreement to set forth the terms related to the Port's assistance in planning for and constructing the relocation of the City's waterlines as a change order to the Port's general construction contract for the IRCE project.

AGREEMENT

For and in consideration of the mutual covenants contained in this Agreement, the parties agree as follows:

1. Effective Date. This Agreement will be effective upon execution by both parties.

2. Purpose. The purpose of this Agreement is to set forth the terms and conditions under which the Port will construct the following waterline infrastructure installations (collectively, the Improvements). The below facilities are more particularly described in the Utility Site Overview, drawing number U1, and sheet associated with the City Water Lines improvements attached in Exhibit A (“Work”).

- a. Dogleg Waterline Relocation identified as Alternate Bid Item #1;
- b. City of Longview Water Main Relocation and Longview Switching Water Service identified as Bid Item #2;

3. Planning Design/Implementation. The Port has prepared, at its cost, plans, drawings and specifications for the Work of items 2.a. and b. above that was approved by the City of Longview on April 24, 2025.

4. Construction. The Port will be responsible for coordinating the Work including materials labor, and compliance with the standards required by the RAISE grant for project documentation and construction for items 2.a. and b. above. The City shall, within ten (10) working days of the inspection, provide to the Port final acceptance of the waterline, or alternatively, provide a detailed list of non-conforming Work. The Port shall then require the Contractor to complete the work identified on the City’s list. The City’s inspector shall perform follow-up inspections within ten (10) working days of notification of completion of list items.

5. Service Ownership and Easements. At all times the City shall retain ownership of the waterlines subject to relocation through the Work, provided the City shall authorize the Port and its contractor to exercise temporary control and possession of the waterlines as is necessary to complete the Work. The Port and its contractor shall be responsible for the maintenance and protection of the waterlines while under their control during the construction period and shall bear all risks and liabilities related to the waterlines, including any damage, theft, or loss, until the Work is completed and accepted by the City.

Notwithstanding the Port and its contractor’s control over the waterlines during construction, the City shall pre-approve all service interruptions necessary to accommodate the Work. Coordination for any service interruption shall include 7 days advance notice to the City.

Upon the completion of the construction work, the Port and its contractor shall return control of the waterlines to the City in good condition, free from any encumbrances, and in accordance with the approved specifications for the Work.

Additionally, prior to completion of the Work and resumption of service by the City, the Port and the City shall agree on terms of and will execute any easements necessary for the relocated waterlines owned and operated by the City that remain located on Port property.

5. Permits. The Port will be responsible for obtaining all required permits and approvals for the Work, at its sole cost, within Cowlitz County jurisdiction. The City will obtain all required permit approvals for the Work, at its sole cost, within the City limits and provide any provisions of the permits to the Port.

6. Payment. Pursuant to this Agreement, the City will pay to the Port the actual sums for the Work as completed and invoiced by the Port's contractor consistent with the bid items, and the Port shall obtain the City's pre-approval of the portion of any change order that impacts the Work, provided the City shall respond without delay and approval shall not be unreasonably withheld. The actual amounts may vary but are estimated as follows:

- a. \$148,748.02 Dogleg Waterline Relocation identified as Alternate Bid Item #1;
- b. \$489,535.46 City of Longview Water Main Relocation and Longview Switching Water Service identified as Bid Item #2;

The City will pay all sums on or before 30 days after the City's receipt of an invoice from the Port.

7. Budget. The total payment to the Port for the Work will not exceed \$638,283.48 except through an amendment to this Agreement. The Work is estimated to be completed no later than twenty-four (24) months after start of construction of the IRCE, estimated to begin in April 2025.

8. Administrators. It is not the intention that a separate legal entity be established to conduct this cooperative undertaking. Pursuant to RCW 39.34.030(4)(a), the administrators for administering this Agreement are:

Port of Longview
Kara Metzger
Contracts and Grants Administrator
10 International Way
Longview, WA 98632
360.425.3305 x 254
kmetzger@portoflongview.com

City of Longview
Tabitha Hayden

Contract Administrator
P.O. Box 128
Longview, WA 98632
360.442.5207
tabitha.hayden@ci.longview.wa.us

9. Real Property. Any real property affected by this Agreement, except for the relocated waterlines to be owned by the City, will be owned by the Port for the duration and after termination of this Agreement, except as provided herein.

10. Duration and Termination. The term of this Agreement will expire once the IRCE project is completed and all amounts due under this Agreement are paid.

11. Indemnification. It is understood and agreed that each party will be responsible for its own negligence and will, to the extent of its negligence, indemnify and hold harmless the other party from any and all claims, losses, or causes of action, suits and actions in equity of any kind. Section 11 of this Agreement will survive the termination of this Agreement.

12. Duty to Submit Agreement to Jurisdictional State Officer or Agency. The requirements of RCW 39.34.050 do not apply to this Agreement as no State Officer or Agency has control over the subject matter of this Agreement.

13. Publication. Prior to its entry into force and pursuant to RCW 39.34.040, this Agreement will be recorded with the County Auditor or published on the respective agencies' websites.

14. Governing Laws. This Agreement shall be governed by and construed in accordance with the laws of the State of Washington. In the event any suit, arbitration, or other proceeding is instituted to enforce any term of this Agreement, the Parties specifically understand and agree that venue shall be exclusively in Cowlitz County, Washington. The substantially prevailing Party in any such action shall be entitled to its attorneys' fees and costs of suit from the other Party.

Signatures on following page

CITY OF LONGVIEW , WASHINGTON

Jennifer Wills
Jennifer Wills, City Manager
Date 4/28/25

PORT OF LONGVIEW, WASHINGTON

Dan Stahl
Dan Stahl, Chief Executive Officer
Date 30 Apr '25

Exhibit A

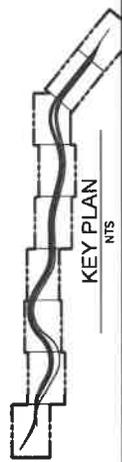
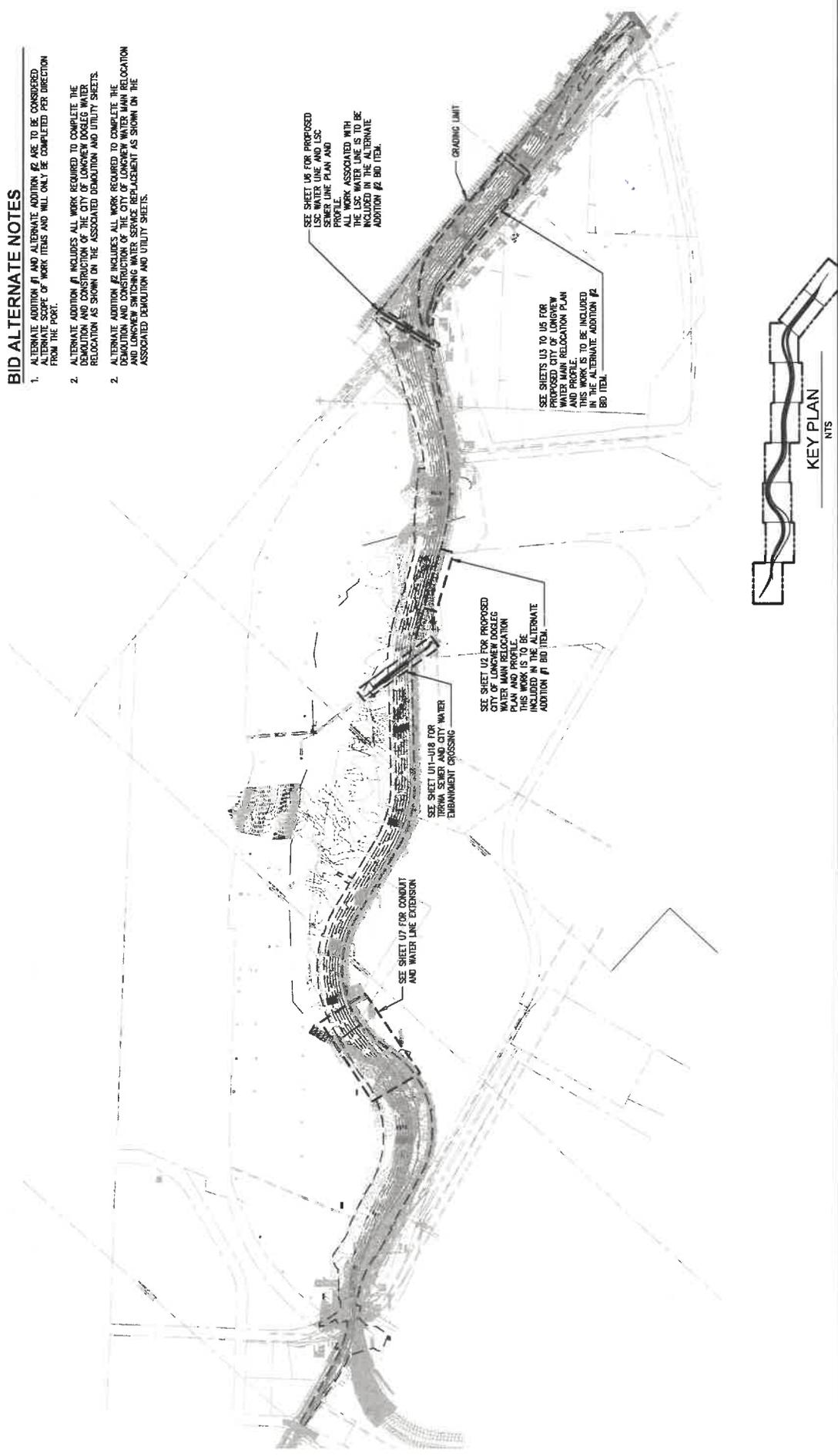
Utility Site Overview and Final Work Design Sheets

See following pages



BID ALTERNATE NOTES

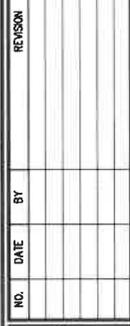
1. ALTERNATE ADDITION #1 AND ALTERNATE ADDITION #2 ARE TO BE CONSIDERED ALTERNATE SCOPE OF WORK ITEMS AND WILL ONLY BE COMPLETED PER DIRECTION FROM THE PORT.
2. ALTERNATE ADDITION #1 INCLUDES ALL WORK REQUIRED TO COMPLETE THE DEMOLITION AND CONSTRUCTION OF THE CITY OF LONGVIEW DOUGLES WATER RELOCATION AS SHOWN ON THE ASSOCIATED DEMOLITION AND UTILITY SHEETS.
2. ALTERNATE ADDITION #2 INCLUDES ALL WORK REQUIRED TO COMPLETE THE DEMOLITION AND CONSTRUCTION OF THE CITY OF LONGVIEW WATER MAIN RELOCATION AND LONGVIEW SWITCHING WATER SERVICE REPLACEMENT AS SHOWN ON THE ASSOCIATED DEMOLITION AND UTILITY SHEETS.



DRAWN: T.H.	PROJECT NO: 1800047
DESIGN: RLO	SCALE: AS SHOWN
CHECKED: SWK	DATE: 10/16/2024
DRAWING NO.	U1
SHEET NO. 139	OF 190

INDUSTRIAL RAIL CORRIDOR EXPANSION
UTILITY SITE OVERVIEW

NO.	DATE	BY	REVISION



kpff
 4227 North State Street, Suite 200
 Dallas, TX 75242
 (214) 796-6200 Fax (214) 796-6142

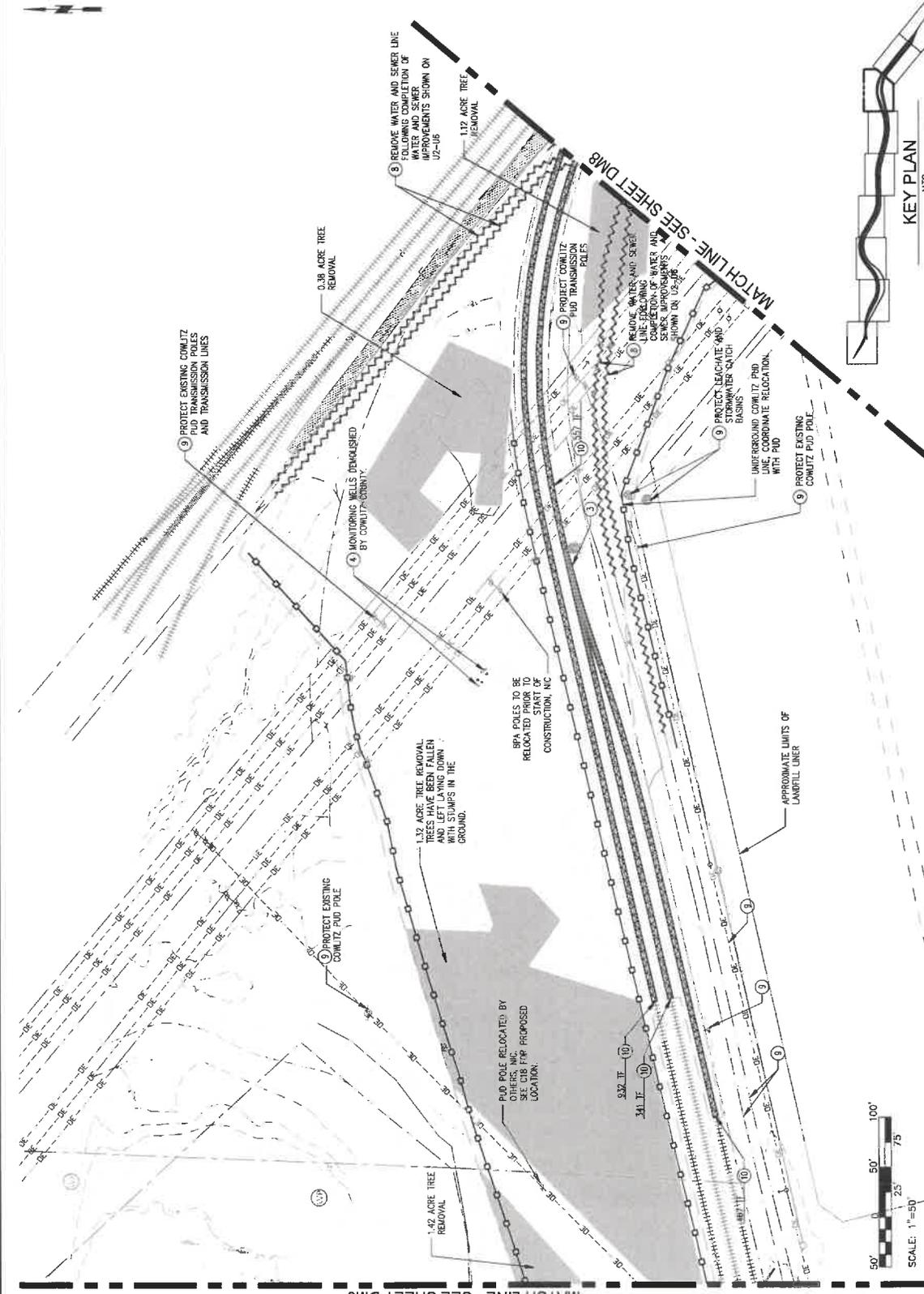
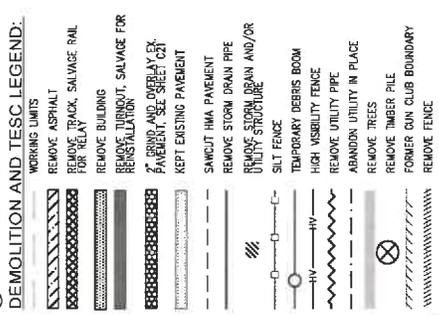
DEMOLITION NOTES:

1. REFER TO SHEET DM1D FOR DEMOLITION NOTES AND TEMPORARY EROSION AND SEDIMENTATION CONTROL NOTES.
2. SEE 00 AND U SHEETS FOR UTILITY AND STORM RELOCATIONS.
3. COORDINATE DEMOLITION WORK WITH SCHEDULING PLANS. DEMOLITION WORK SHALL BE COMPLETED PRIOR TO THE START OF CONSTRUCTION. DEMOLITION WORK SHALL BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE.
4. THE CONTRACTOR SHALL PROVIDE SUFFICIENT WORKING SPACE FOR ALL OPERATIONS AND ACCESS AND INTERFERENCES TO ALL OPERATIONS OR ACCESS WITH THE PORT OF LONGVIEW AND LUSC PRIOR TO COMMENCEMENT OF THE WORK. SEE SPECIFICATIONS CONTRACTOR SHALL MAINTAIN AND PROTECT ALL SITE UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
5. ALL PAVEMENT NOTED FOR DEMOLITION SHALL BE SHOWN ON THE PLAN. UTILITIES IDENTIFIED ARE APPROXIMATE. REFER TO TRACK REMOVAL LIMITS ARE APPROXIMATE. REFER TO SHEETS R1-R9 FOR EXACT LIMITS OF NEW TRACK CONSTRUCTION.

DEMOLITION ITEMS:

- 1 REMOVE FENCE
- 2 REMOVE LIGHT POLE
- 3 REMOVE AND SALVAGE TURBOOUT
- 4 REMOVE BOLLARDS
- 5 NOT USED
- 6 EXTENT OF HMA SMCUT
- 7 REMOVE ELECTRICAL BOX
- 8 REMOVE EXISTING UTILITY
- 9 PROTECT EXISTING UTILITY
- 10 REMOVE TRACK, SALVAGE RAIL FOR RELAY
- 11 PROTECT INLET
- 12 PROTECT RAILROAD SWITCH

DEMOLITION AND TESC LEGEND:



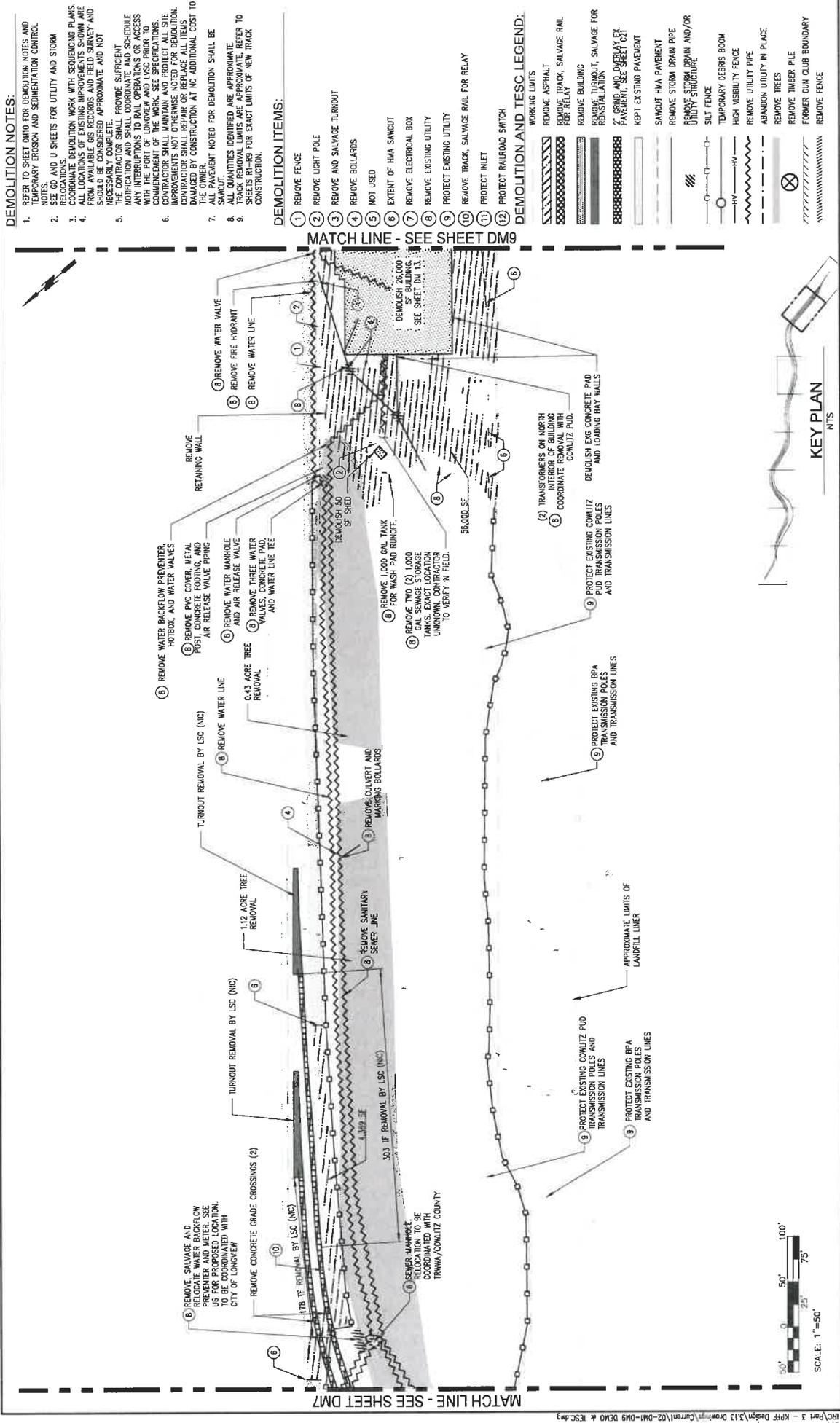
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SHEET NO. 26	OF 190

PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION
DEMOLITION AND TESC PLANS
AREA 7

NO.	DATE	BY	REVISION



kpff
2407 North 31st Street, Suite 100
Tacoma, Washington 98407
253.436.1000 | Fax: 253.436.1002



DEMOLITION NOTES:

- REFER TO SHEET DM10 FOR DEMOLITION NOTES AND TEMPORARY EROSION AND SEDIMENTATION CONTROL NOTES.
- SEE CD AND U SHEETS FOR UTILITY AND STORM INFORMATION.
- COORDINATE DEMOLITION WORK WITH SCHEDULING PLANS FROM AVAILABLE GIS RECORDS AND FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE AND NOT VERIFIED.
- THE CONTRACTOR SHALL PROVIDE SUFFICIENT NOTIFICATION AND SHALL COORDINATE AND SCHEDULE ANY INTERRUPTIONS TO RAIL OPERATIONS OR ACCESS WITH THE PORT OF LONGVIEW AND LSC PRIOR TO COMMENCEMENT OF WORK. SEE SHEET DM11 FOR CONTRACTOR'S MAINTENANCE PROTECT ALL SITE IMPROVEMENTS NOT OTHERWISE NOTED FOR DEMOLITION. CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- ALL QUANTITIES IDENTIFIED ARE APPROXIMATE. TRACK REMOVAL LIMITS ARE APPROXIMATE. REFER TO SHEETS P1-18 FOR EXACT LIMITS OF NEW TRACK CONSTRUCTION.

DEMOLITION ITEMS:

- REMOVE FENCE
- REMOVE LIGHT POLE
- REMOVE AND SALVAGE TURNOUT
- REMOVE BOLLARDS
- NOT USED
- EXTENT OF HMA SAWCUT
- REMOVE ELECTRICAL BOX
- REMOVE EXISTING UTILITY
- PROTECT EXISTING UTILITY
- REMOVE TRACK, SALVAGE RAIL FOR RELAY
- PROTECT INLET
- PROTECT RAILROAD SWITCH

DEMOLITION AND TESC LEGEND:

WORKING LIMITS

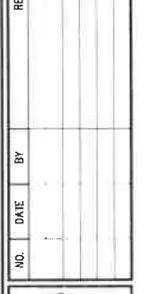
- REMOVE ASPHALT
- REMOVE TRACK, SALVAGE RAIL FOR RELAY
- REMOVE BUILDING
- REMOVE TURNOUT, SALVAGE FOR REINSTALLATION
- REMOVE AND OVERLAY EXISTING PAVEMENT, SEE SHEET DM11
- KEPT EXISTING PAVEMENT
- SAW-CUT HMA PAVEMENT
- REMOVE STORM DRAIN PIPE
- REMOVE STORM DRAIN AND/OR UTILITY STRUCTURE
- SILT FENCE
- TEMPORARY DEBRIS ROOM
- HIGH VISIBILITY FENCE
- ABANDON UTILITY IN PLACE
- REMOVE TREES
- REMOVE TOWER PILE
- FORMER GUN CLUB BOUNDARY
- REMOVE FENCE

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**PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION**

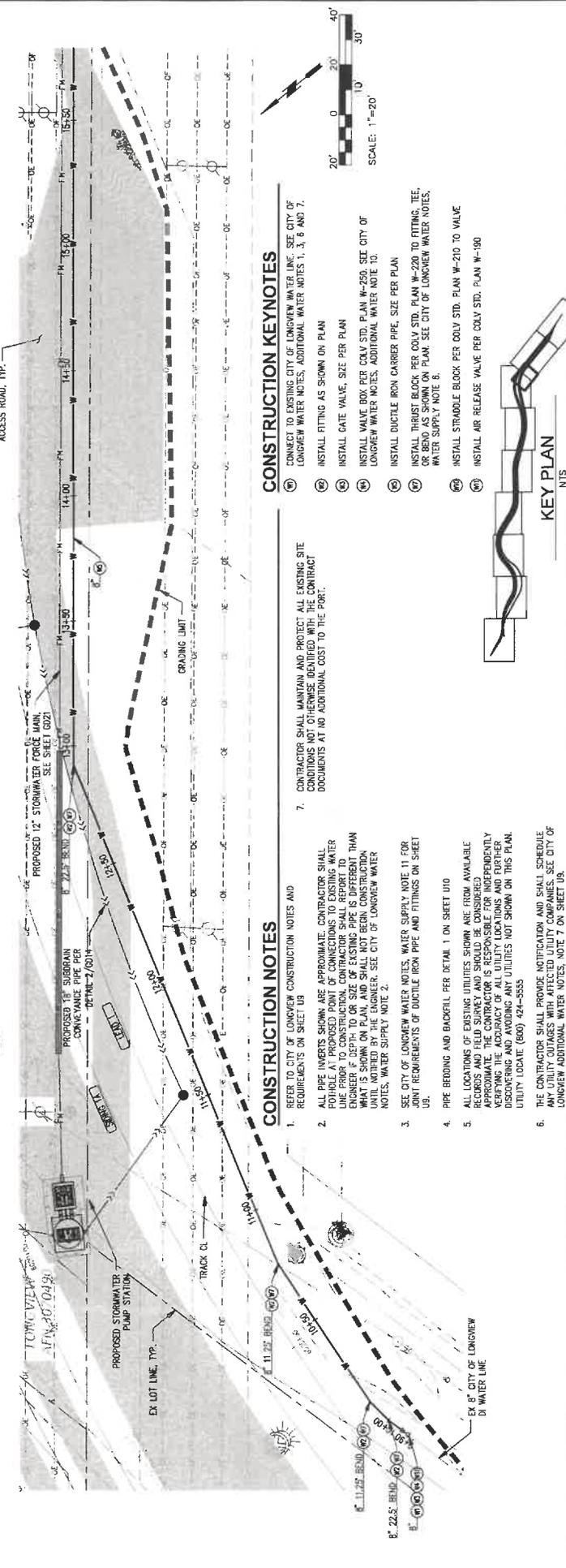
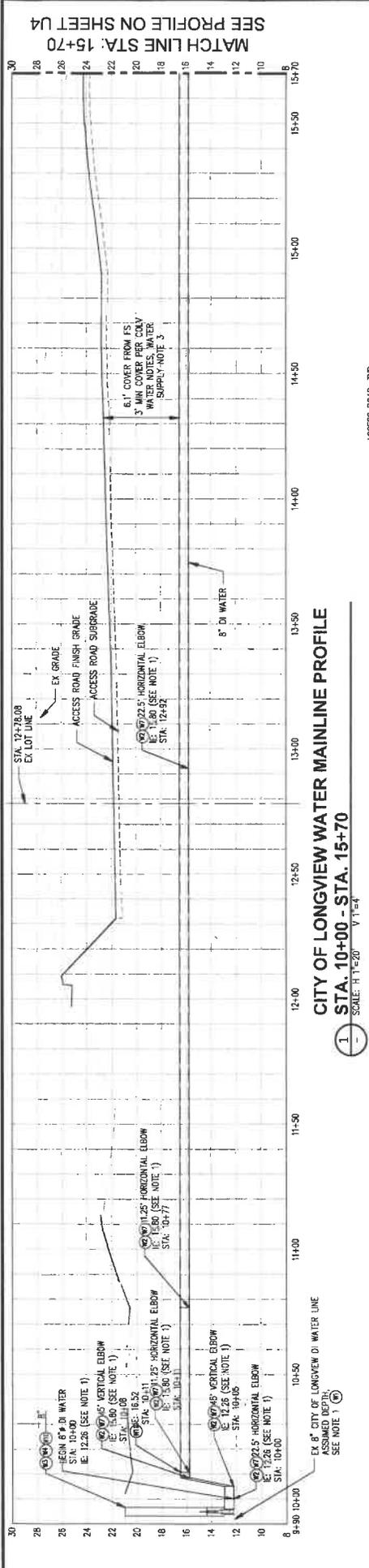
**DEMOLITION AND TESC PLANS
AREA B**

NO.	DATE	BY	REVISION



kppf

2407 North 34th Street, Suite 100
Tacoma, WA 98406
Tel: (253) 398-1100 Fax: (253) 398-0242



CONSTRUCTION KEYNOTES

1. REFER TO CITY OF LONGVIEW CONSTRUCTION NOTES AND REQUIREMENTS ON SHEET 05
2. ALL PIPE INVERTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL INVERTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO THE ENGINEER ANY DISCREPANCIES PRIOR TO BEING CONSTRUCTION UNLESS NOTIFIED BY THE ENGINEER. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 2.
3. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 11 FOR ANY REQUIREMENTS OF DUCTILE IRON PIPE AND FITTINGS ON SHEET 05.
4. PIPE BEDDING AND BACKFILL PER DETAIL 1 ON SHEET 10
5. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE FROM AVAILABLE RECORDS AND FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY VERIFYING THE ACCURACY OF ALL UTILITY LOCATIONS AND FURTHER DISCOVERING AND AVOIDING ANY UTILITIES NOT SHOWN ON THIS PLAN. UTILITY LOCATE (800) 424-5555
6. THE CONTRACTOR SHALL PROVIDE NOTIFICATION AND SHALL SCHEDULE ANY UTILITY OUTAGES WITH AFFECTED UTILITY COMPANIES. SEE CITY OF LONGVIEW ADDITIONAL WATER NOTES, NOTE 7 ON SHEET 05.
7. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING SITE CONDITIONS NOT OTHERWISE DERIVED WITH THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE PORT.
8. CONNECT TO EXISTING CITY OF LONGVIEW WATER LINE. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTES 1, 3, 6 AND 7.
9. INSTALL FITTING AS SHOWN ON PLAN
10. INSTALL GATE VALVE, SIZE PER PLAN
11. INSTALL VALVE BOX PER COLV STD. PLAN W-250. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTE 10.
12. INSTALL DUCTILE IRON CARRIER PIPE, SIZE PER PLAN
13. INSTALL THRUST BLOCK PER COLV STD. PLAN W-220 TO FITTING. SEE CR BRD AS SHOWN ON PLAN. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 8.
14. INSTALL STRADDLE BLOCK PER COLV STD. PLAN W-210 TO VALVE
15. INSTALL AIR RELEASE VALVE PER COLV STD. PLAN W-190

CONSTRUCTION NOTES

1. REFER TO CITY OF LONGVIEW CONSTRUCTION NOTES AND REQUIREMENTS ON SHEET 05
2. ALL PIPE INVERTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY ALL INVERTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO THE ENGINEER ANY DISCREPANCIES PRIOR TO BEING CONSTRUCTION UNLESS NOTIFIED BY THE ENGINEER. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 2.
3. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 11 FOR ANY REQUIREMENTS OF DUCTILE IRON PIPE AND FITTINGS ON SHEET 05.
4. PIPE BEDDING AND BACKFILL PER DETAIL 1 ON SHEET 10
5. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE FROM AVAILABLE RECORDS AND FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR INDEPENDENTLY VERIFYING THE ACCURACY OF ALL UTILITY LOCATIONS AND FURTHER DISCOVERING AND AVOIDING ANY UTILITIES NOT SHOWN ON THIS PLAN. UTILITY LOCATE (800) 424-5555
6. THE CONTRACTOR SHALL PROVIDE NOTIFICATION AND SHALL SCHEDULE ANY UTILITY OUTAGES WITH AFFECTED UTILITY COMPANIES. SEE CITY OF LONGVIEW ADDITIONAL WATER NOTES, NOTE 7 ON SHEET 05.
7. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING SITE CONDITIONS NOT OTHERWISE DERIVED WITH THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE PORT.

PROJECT NO: 1800047
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 DATE: 10/15/2024

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 SHEET NO. 141 OF 190

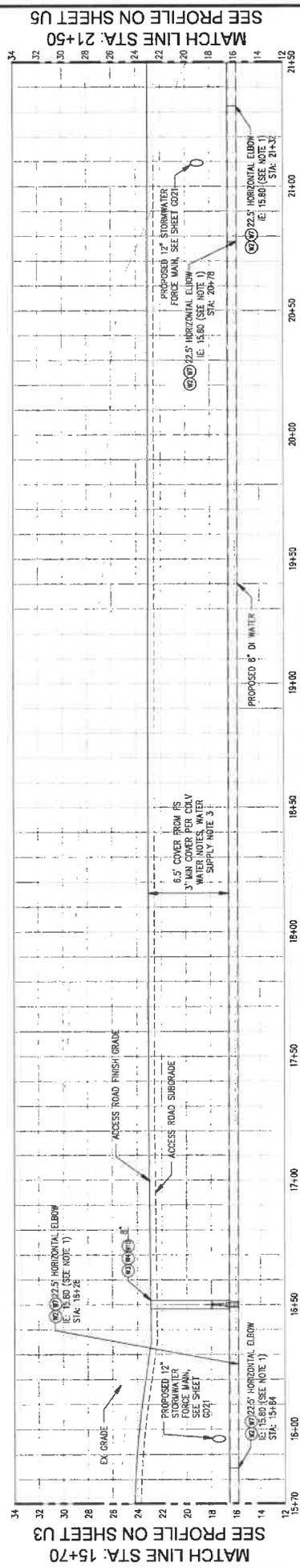
PORT OF LONGVIEW
 INDUSTRIAL RAIL CORRIDOR EXPANSION

CITY WATER MAIN
 PLAN AND PROFILE

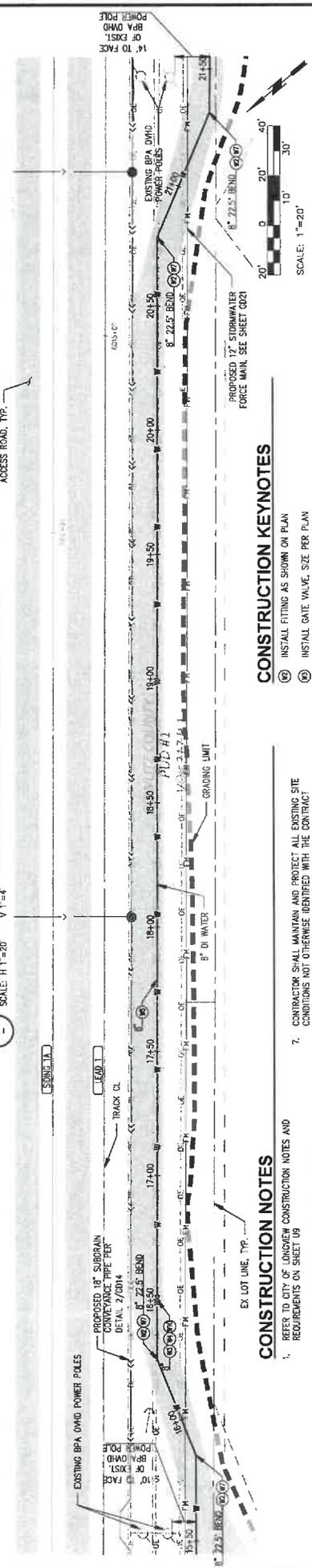
NO.	DATE	BY	REVISION

PORT OF LONGVIEW
 100 WEST 10TH ST
 LONGVIEW, TEXAS 75602

kpff
 2607 North Lakeside Lane, Suite 100
 Dallas, Texas 75243
 (214) 343-3333 Fax: (214) 343-3332



CITY OF LONGVIEW WATER MAINLINE PROFILE
STA. 15+70 - STA. 21+50
 SCALE: H:1"=20' V:1"=4'



CONSTRUCTION KEYNOTES

- 1. CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING SITE CONDITIONS NOT OTHERWISE IDENTIFIED WITH THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE PORT.
- 2. REFER TO CITY OF LONGVIEW CONSTRUCTION NOTES AND REQUIREMENTS ON SHEET U9.
- 3. ALL PIPE INVESTIGATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL POT-HOLE AT PROPOSED POINT OF CONNECTIONS TO EXISTING WATER LINE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO ENGINEER IF DEPTH TO OR SIZE OF EXISTING PIPE IS DIFFERENT THAN WHAT IS SHOWN ON PLAN, AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE INVESTIGATION IS COMPLETE. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 2.
- 4. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 11 FOR JOINT REQUIREMENTS OF DUCTILE IRON PIPE AND FITTINGS ON SHEET U9.
- 5. PIPE BEDDING AND BACKFILL PER DETAIL 1 ON SHEET U10.
- 6. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE FROM AVAILABLE INFORMATION. CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL UTILITIES BY DISCOVERING AND AVOIDING ANY UTILITIES NOT SHOWN ON THIS PLAN. UTILITY LOCATE (800) 424-5555.
- 7. THE CONTRACTOR SHALL PROVIDE NOTIFICATION AND SHALL SCHEDULE ANY UTILITY OUTAGES WITH AFFECTED UTILITY COMPANIES. SEE CITY OF LONGVIEW ADDITIONAL WATER NOTES, NOTE 7 ON SHEET U9.

CONSTRUCTION NOTES

- 1. INSTALL FITTING AS SHOWN ON PLAN.
- 2. INSTALL GATE VALVE, SIZE PER PLAN.
- 3. INSTALL VALVE BOX PER DOLY STD. PLAN W-250. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTE 10.
- 4. INSTALL DUCTILE IRON CARRIER PIPE, SIZE PER PLAN.
- 5. INSTALL THRUST BLOCK PER DOLY STD. PLAN W-220 TO FITTING, TEE OR BEND AS SHOWN ON PLAN. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 6.
- 6. INSTALL STRADDLE BLOCK PER DOLY STD. PLAN W-210 TO VALVE.



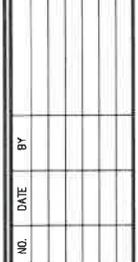
KEY PLAN
 NTS

PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION

CITY WATER MAIN
PLAN AND PROFILE

DRAWN: TJH	PROJECT NO.: 1800047
DESIGN: RLO	SCALE: AS SHOWN
CHECKED: SWK	DATE: 10/15/2024
DRAWING NO. U4	
SHEET NO. 142	OF 190

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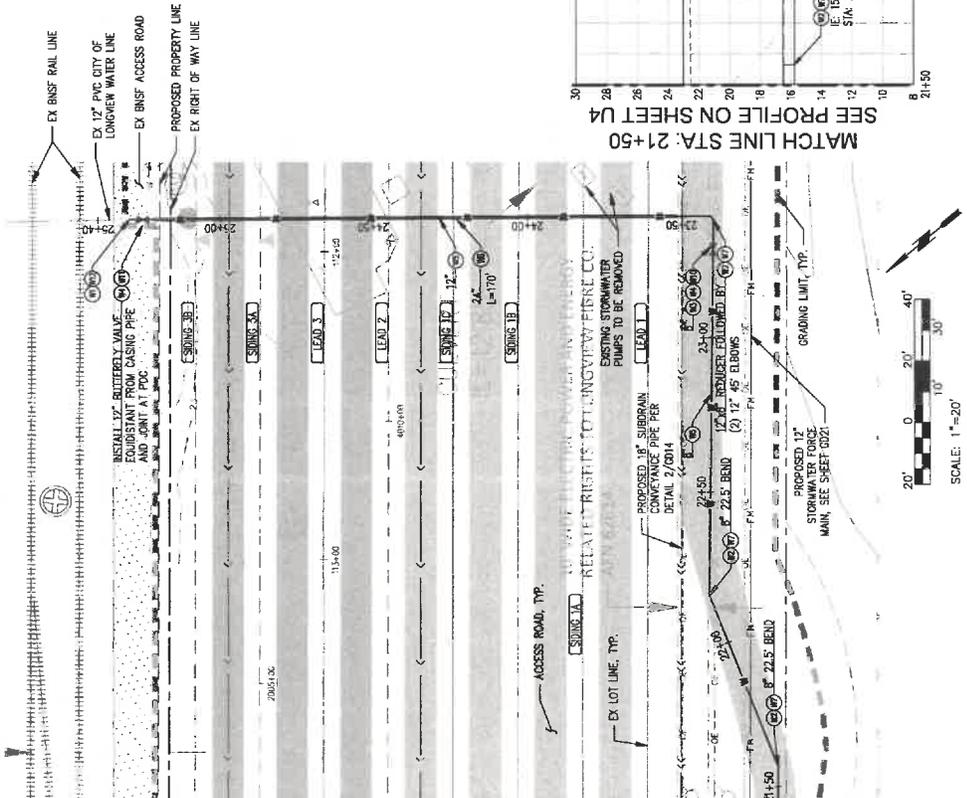
kpff
 1500 North 34th Street, Suite 100
 The Woodlands, Texas 77380
 (281) 296-6226 Fax: (281) 296-6144

CONSTRUCTION NOTES

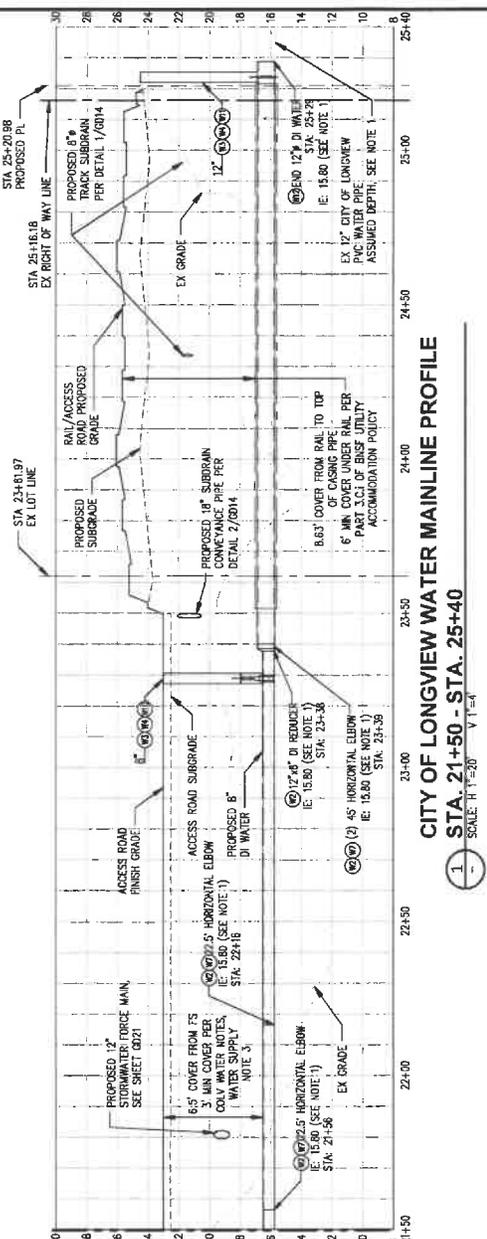
- REFER TO CITY OF LONGVIEW CONSTRUCTION NOTES AND REQUIREMENTS ON SHEET U9
- ALL PIPE INVESTMENTS SHOWN ARE APPROXIMATE. CONTRACTORS SHALL VERIFY PROPOSITIONS OF CONTRACTORS TO EXISTING WATER LINE PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPORT TO ENGINEER IF DEPTH TO OR SIZE OF EXISTING PIPE IS DIFFERENT THAN WHAT IS SHOWN ON PLAN, AND SHALL NOT BEGIN CONSTRUCTION UNTIL NOTED BY THE ENGINEER. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 2.
- SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 11 FOR JOINT REQUIREMENTS OF DUCTILE IRON PIPE AND FITTINGS ON SHEET U9.
- PIPE BEDDING AND BACKFILL PER DETAIL 1 ON SHEET U10
- ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE FROM AVAILABLE RECORDS AND FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY ACCURACY BY DISCOVERING AND AVOIDING ANY UTILITIES NOT SHOWN ON THIS PLAN. UTILITY LOCATE (900) 424-5555
- THE CONTRACTOR SHALL PROVIDE INSULATION AND SHALL SECURE ALL UTILITY CUTBACKS WITH APPROVED UTILITY COMPANIES. SEE CITY OF LONGVIEW ADDITIONAL WATER NOTES, NOTE 7 ON SHEET U9.
- CONTRACTOR SHALL MAINTAIN AND PROTECT ALL EXISTING SITE CONTIGUOUS TO UTILITIES ADJACENT TO THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE PORT.

CONSTRUCTION KEYNOTES

- CONNECT TO EXISTING CITY OF LONGVIEW WATER LINE. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTES 1, 3, 6 AND 7.
- INSTALL FITTING AS SHOWN ON PLAN
- INSTALL GATE VALVE, SIZE PER PLAN
- INSTALL VALVE BOX PER COLV STD. PLAN W-250. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTE 1D.
- INSTALL DUCTILE IRON CARRIER PIPE, SIZE PER PLAN
- INSTALL STEEL CASING PIPE PER COLV STD. PLAN W-270 OVER CARRIER PIPE. SIZE PER PLAN. SEAL BOTH ENDS OF CASING PIPE PER SPECS. OR BEND AS SHOWN ON PLAN. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 6.
- INSTALL STRADDLE BLOCK PER COLV STD. PLAN W-210 TO VALVE
- INSTALL 12" 250LB BUTTERFLY VALVE
- INSTALL RESTRAINED FLANGED COUPLING ADAPTER AT CONNECTION TO EXISTING WATER LINE



SEE PROFILE ON SHEET U4
MATCH LINE STA. 21+50



CITY OF LONGVIEW WATER MAINLINE PROFILE
STA. 21+50 - STA. 25+40
SCALE: H=1"=20' V=1"=4'





3407 North 31st Street, Suite 100
Longview, TX 75604
1001.138.6310 Fax 1001.285.6142



PORT OF LONGVIEW
EST. 1917



NO.	DATE	BY	REVISION

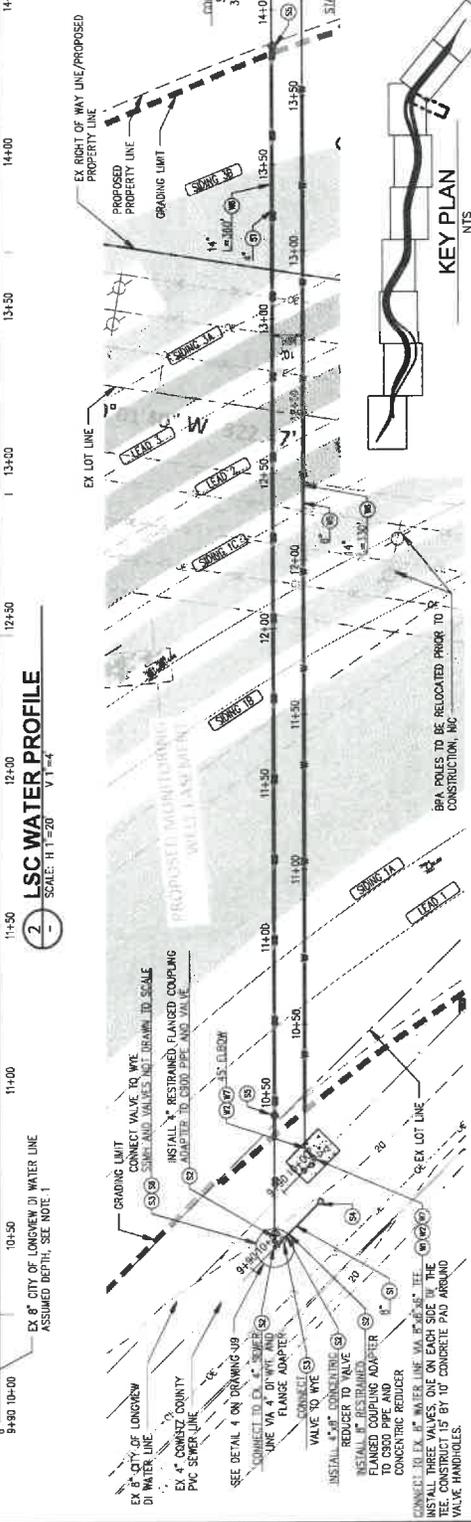
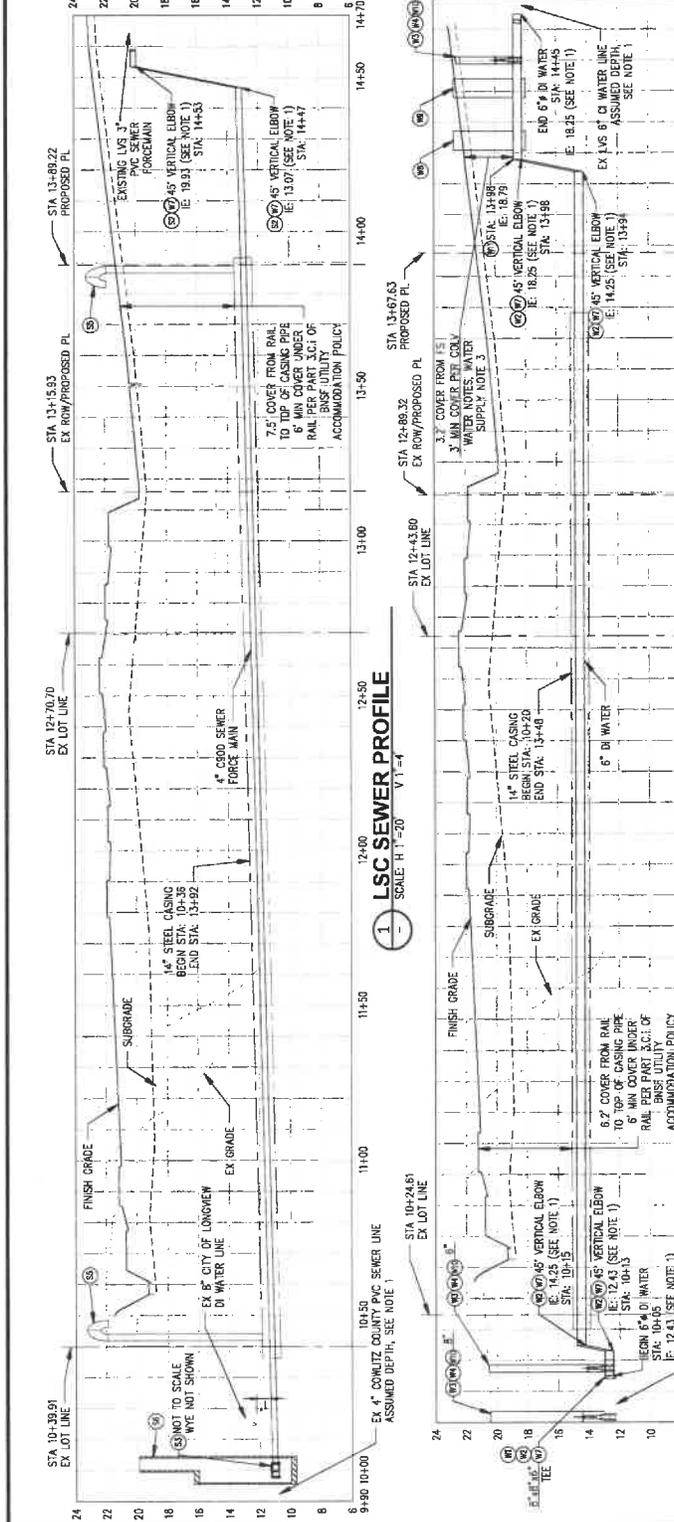
PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION

CITY WATER MAIN
PLAN AND PROFILE

DRAWN: TJH	PROJECT NO: 1800047	SCALE: AS SHOWN	SHEET NO. 143	OF 190
DESIGN: RLD	CHECKED: SWK	DATE: 10/15/2024	U5	

CONSTRUCTION KEYNOTES

- 1. CONVEY TO EXISTING CITY OF LONGVIEW WATER LINE. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTES 1A, B AND 7.
- 2. INSTALL WATER FITTING AS SHOWN ON PLAN
- 3. INSTALL GATE VALVE, SIZE PER PLAN
- 4. INSTALL VALVE BOX PER COLV STD. PLAN W-250. SEE CITY OF LONGVIEW WATER NOTES, ADDITIONAL WATER NOTE 10.
- 5. INSTALL DUCTILE IRON CARRIER PIPE, SIZE PER PLAN
- 6. INSTALL STEEL CASING PIPE PER COLV STD. PLAN W-270 OVER CARRIER PIPE. SEE PER PLAN. SEAL BOTH ENDS OF CASING PIPE PER SPECS
- 7. INSTALL THRUST BLOCK PER COLV STD. PLAN W-220 TO FITTING, TEE, OR BEND AS SHOWN ON PLAN. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 6
- 8. REINSTALL SALVAGED REDUCED PRESSURE SHOCKFLOW ASSEMBLY
- 9. REINSTALL SALVAGED WATER METER
- 10. INSTALL STRADDLE BLOCK PER COLV STD. PLAN W-210 TO VALVE
- 11. INSTALL AIR RELEASE VALVE PER COLV STD. PLAN W-190
- 12. INSTALL 600 SANITARY SEMI CARRIER PIPE, SIZE PER PLAN
- 13. INSTALL SEMI FITTING AS SHOWN ON PLAN
- 14. INSTALL 4" SHING CHECK VALVE IN PROPOSED MANHOLE
- 15. INSTALL 8" SEWER CLEANOUT PER WSDOT STD. PLAN B-85.40-00
- 16. INSTALL 80" DIA PIPE PER DETAIL 3 ON DRAWING U10
- 17. CONSTRUCT WOODED 48" MANHOLE SHAFT WITH 72" INSIDE DIAMETER PER WSDOT STD. PLAN B-15.40-01. MANHOLE SHALL BE USED FOR MAINTENANCE OF CHECK VALVES, CHANNEL, AND SHEEP DO NOT NEED TO BE CONSTRUCTED.
- 18. ALL PIPE INVERTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY AT PROPOSED POINT OF CONNECTIONS TO EXISTING WATER OR SEWER LINES OR SIZE OF EXISTING PIPE IS DIFFERENT THAN WHAT IS SHOWN ON PLAN, AND SHALL NOT BEGIN CONSTRUCTION UNTIL NOTIFIED BY THE ENGINEER. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 2.
- 19. SEE CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTE 11 FOR JOINT REQUIREMENTS OF DUCTILE IRON PIPE AND FITTINGS ON SHEET U9
- 20. PIPE BEDDING AND BACKFILL PER DETAIL 1 ON SHEET U10
- 21. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE FROM AVAILABLE RECORDS AND FIELD SURVEY AND SHOULD BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS AND DEPTHS AND FURTHER OBTAINING AND AVOIDING ANY UTILITIES NOT SHOWN ON THIS PLAN. UTILITY LOCATE (600) 424-5555
- 22. THE CONTRACTOR SHALL PROVIDE NOTIFICATION AND SHALL SCHEDULE ANY UTILITY OUTAGES WITH AFFECTED UTILITY COMPANIES. SEE CITY OF LONGVIEW ADDITIONAL WATER NOTES, NOTE 7 ON SHEET U9.
- 23. CONTRACTORS SHALL MAINTAIN AND PROTECT ALL EXISTING SITE CONDITIONS NOT OTHERWISE IDENTIFIED WITH THE CONTRACT DOCUMENTS AT NO ADDITIONAL COST TO THE PORT.
- 24. ALL PROPOSED PIPES, FITTINGS AND VALVES SHALL BE SUPPORTED WITH PIPE SUPPORTS WITHIN THE PROPOSED MANHOLE.

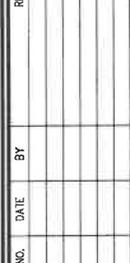
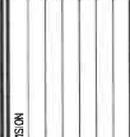


DRAWN: LCH	PROJECT NO.: 1800047
DESIGN: RLO	SCALE: AS SHOWN
CHECKED: SWK	DATE: 10/15/2024
DRAWING NO.	U6
SHEET NO.	144 OF 190

PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION

LSC WATER AND SEWER
PLAN AND PROFILE

NO.	DATE	BY	REVISION



kpff
200 Main Street, Suite 100
Tacoma, WA 98501
(252) 866-1111

CITY OF LONGVIEW WATER NOTES

- WATER SUPPLY**
- SEE DETAIL 1 ON SHEET U24 FOR CITY OF LONGVIEW WATER SUPPLY REQUIREMENTS.
- PRESSURE TESTING AND CHLORINATION**
- SEE DETAIL 2 AND 3 ON SHEET U24 FOR CITY OF LONGVIEW PRESSURE TESTING AND CHLORINATION REQUIREMENTS.

ADDITIONAL WATER NOTES

- SEE DETAIL 3 ON SHEET U24 FOR CITY OF LONGVIEW ADDITIONAL WATER NOTES.

LSC WATER NOTES

- CONTRACTOR SHALL INSTALL TRACER WIRE ALONG ALL NEW WATER LINES AND LOCATOR BOXES AT 500' MAX. INTERVALS OF ALL NEW WATER LINES. REFER TO CITY OF LONGVIEW WATER NOTES, WATER SUPPLY NOTES 12 AND 13 AND CITY WATER SPEC SECTION 7-09.3(9) FOR WIRE AND MARKER TAPE REQUIREMENTS, AND CITY OF LONGVIEW STANDARD PLAN W-580 FOR LOCATOR BOX DETAIL.
- BACKFLOW TESTING SHALL OCCUR IMMEDIATELY AFTER WATER LINE FLUSHING OCCURS.
- PUSH-ON JOINTS FOR CITY OF LONGVIEW WATER MAINLINE CARRIER PIPE SHALL BE USED. SEALS SHALL BE AS SHOWN ON SHEET U24. 350 GASKETS OR APPROVED EQUAL.

LSC WATER LATERAL	
CARRIER AND CASING PIPE DATA	CARRIER PIPE
ITEM	CARRIER PIPE
SPECIFICATIONS AND GRADE OF PIPE MATERIAL	STEEL, COMPLIANT WITH ASTM A1097
WALL THICKNESS OF PIPE	0.25"
ACTUAL WORKING PRESSURE	0.2"
TYPE OF JOINTS	PUSH-ON W/ FIELD LOCK GASKETS, MECHANICAL
LONGITUDINAL JOINT FACTOR	0.80
COATING	FUSION BONDED EPOXY WITH ABRASION-RESISTANT OVERCOATING
METHOD OF INSTALLATION	TRENCHING
VENTS	YES; SEE DETAIL X ON SHEET XX
COVER (TOP OF TIE TO TOP OF PIPE CASING)	VARIES; MIN. 6"
COVER (OTHER THAN UNDER TRACKS)	VARIES; MIN. 36"
COVER (AT DITCHES)	YES; SEE COATING
CATHODIC PROTECTION	PER CITY OF LONGVIEW STD. PLAN W-270
TYPE, SIZE, AND SPACING OF INSULATORS OR SUPPORTS	YES; SEE COATING

SEWER CARRIER AND CASING PIPE DATA	
CARRIER AND CASING PIPE DATA	CARRIER PIPE
ITEM	CARRIER PIPE
SPECIFICATIONS AND GRADE OF PIPE MATERIAL	STEEL, COMPLIANT WITH ASTM A1097
WALL THICKNESS OF PIPE	0.38"
ACTUAL WORKING PRESSURE	0.2"
TYPE OF JOINTS	PUSH ON FIELD LOCK GASKETS
LONGITUDINAL JOINT FACTOR	0.80
COATING	FUSION BONDED EPOXY WITH ABRASION-RESISTANT OVERCOATING
METHOD OF INSTALLATION	TRENCHING
VENTS	YES; SEE DETAIL X ON SHEET XX
SEALS	YES; SEE DETAIL X ON SHEET XX
COVER (TOP OF TIE TO TOP OF PIPE CASING)	VARIES; MIN. 6"
COVER (OTHER THAN UNDER TRACKS)	VARIES; MIN. 36"
COVER (AT DITCHES)	YES; SEE COATING
CATHODIC PROTECTION	PER CITY OF LONGVIEW STD. PLAN W-270
TYPE, SIZE, AND SPACING OF INSULATORS OR SUPPORTS	YES; SEE COATING

CITY OF LONGVIEW WATER MAINLINE CARRIER AND CASING PIPE DATA	
CARRIER AND CASING PIPE DATA	CARRIER PIPE
ITEM	CARRIER PIPE
SPECIFICATIONS AND GRADE OF PIPE MATERIAL	STEEL, COMPLIANT WITH ASTM A1097
WALL THICKNESS OF PIPE	0.27"
ACTUAL WORKING PRESSURE	0.22"
TYPE OF JOINTS	PUSH-ON W/ FIELD LOCK GASKETS FOR WATER MAIN RELOCATION OR TR FLEX RESTRAINED JOINT FOR EMBANKMENT CROSSING MECHANICAL FITTINGS
LONGITUDINAL JOINT FACTOR	0.80
COATING	FUSION BONDED EPOXY WITH ABRASION-RESISTANT OVERCOATING
METHOD OF INSTALLATION	TRENCHING
VENTS	YES; SEE DETAIL X ON SHEET XX
COVER (TOP OF TIE TO TOP OF PIPE CASING)	VARIES; MIN. 6"
COVER (OTHER THAN UNDER TRACKS)	VARIES; MIN. 36"
COVER (AT DITCHES)	YES; SEE COATING
CATHODIC PROTECTION	PER CITY OF LONGVIEW STD. PLAN W-270
TYPE, SIZE, AND SPACING OF INSULATORS OR SUPPORTS	YES; SEE COATING

NO.	DATE	BY	REVISION

PORT OF LONGVIEW	
INDUSTRIAL RAIL CORRIDOR EXPANSION	
CITY AND COUNTY UTILITY DETAILS	





 207 North 31st Street, Suite 100
 Longview, TX 75604
 409.748.6338 Fax: 409.748.6342

PROJECT: 4th GR. 2025 - 11:36am
 REVISIONS: 3
 DATE: 10/15/2024
 DRAWING NO. **U9**
 SHEET NO. 147 OF 190

THRUST BLOCK NOTES

1. ALL THRUST BLOCKS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY ENGINEER'S OFFICE.
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THRUST BLOCK CALCULATIONS

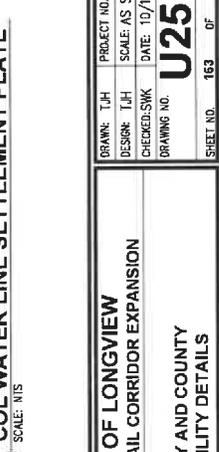
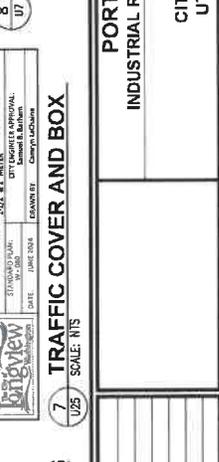
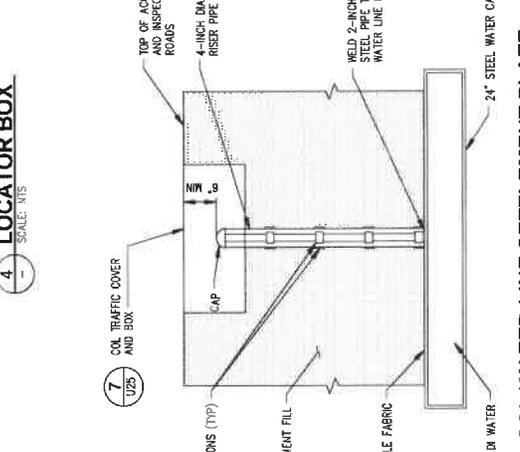
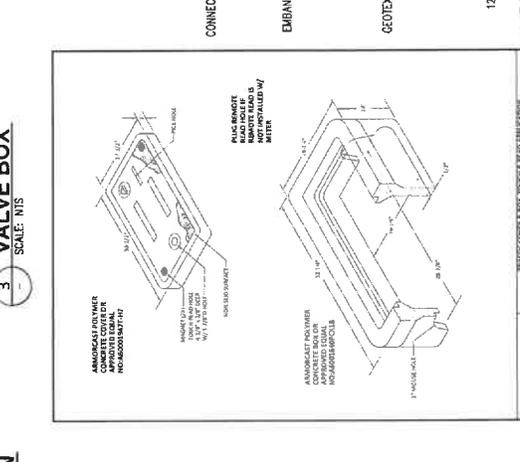
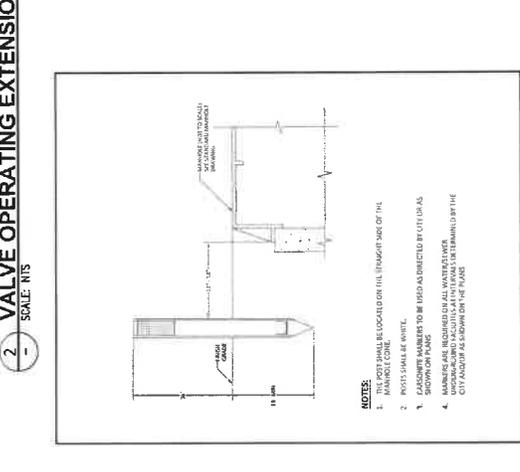
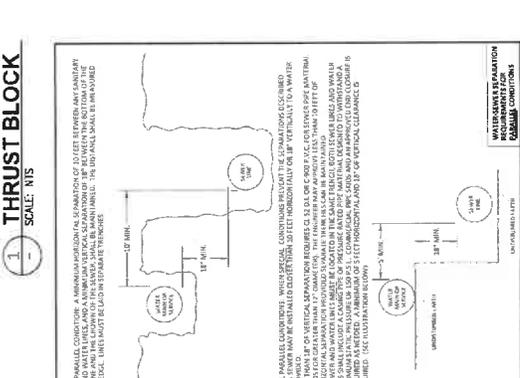
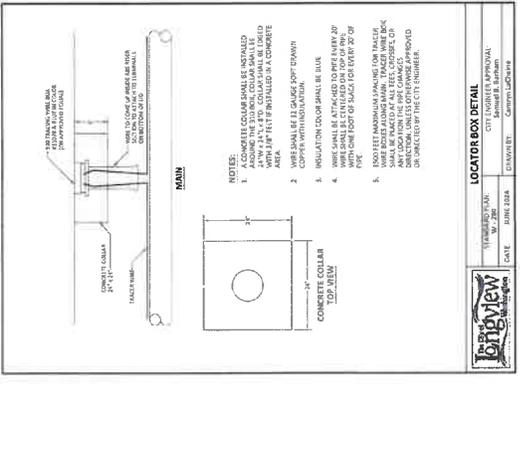
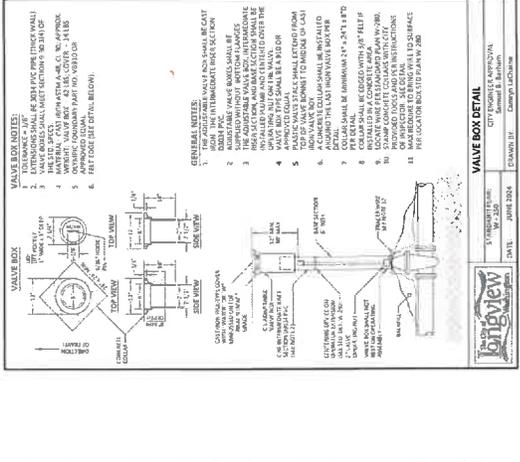
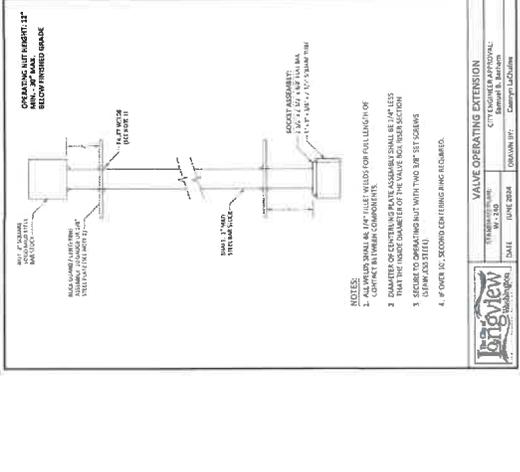
TO DETERMINE THE BEARING AREA OF THE THRUST BLOCK, USE THE FOLLOWING PROCEDURE:

- A. DETERMINE THRUST (T) OR TYPE AND SIZE OF PIPE.
- B. DETERMINE THE ALLOWED SOIL BEARING CAPACITY (B) IN PSI.
- C. DETERMINE THE REQUIRED BEARING AREA (A) IN SQ. FT. USING THE FORMULA: $A = \frac{T}{B}$
- D. DETERMINE THE REQUIRED BEARING AREA (A) IN SQ. FT. USING THE FORMULA: $A = \frac{T}{B}$

FORMULA: $A = \frac{T}{B}$ WHERE: A = REQUIRED BEARING AREA (SQ. FT.)
 T = THRUST (LBS.)
 B = ALLOWED SOIL BEARING CAPACITY (PSI)

EXAMPLE: $A = \frac{10,000}{100} = 100$ SQ. FT.

FOR MORE INFORMATION, SEE THE CITY ENGINEER'S OFFICE.



NO.	DATE	BY	REVISION

PORT OF LONGVIEW
INDUSTRIAL RAIL CORRIDOR EXPANSION

CITY AND COUNTY
UTILITY DETAILS

DRAWN: L.J.H. PROJECT NO.: 1800047
 DESIGN: L.J.H. SCALE: AS SHOWN
 CHECKED: SWK DATE: 10/15/2024
 DRAWING NO.: **U25**
 SHEET NO. 163 OF 190