



State of Oregon Department of Environmental Quality Land Use Compatibility Statement

What is a Land Use Compatibility Statement?

A LUCS is a form developed by DEQ to determine whether a DEQ permit or approval will be consistent with local government comprehensive plans and land use regulations.

Why is a LUCS required?

DEQ and other state agencies with permitting or approval activities that affect land use are required by Oregon law to be consistent with local comprehensive plans and have a process for determining consistency. DEQ activities affecting land use and the requirement for a LUCS may be found in Oregon Administrative Rules (OAR) Chapter 340, Division 18.

When is a LUCS required?

A LUCS is required for nearly all DEQ permits and certain approvals of plans or related activities that affect land use prior to issuance of a DEQ permit or approval. These permits and activities are listed in section 1.D on p. 2 of this form. A single LUCS can be used if more than one DEQ permit or approval is being applied for concurrently.

Permit modifications or renewals also require a LUCS when any of the following applies:

1. Physical expansion on the property or proposed use of additional land;
2. Alterations, expansions, improvements or changes in method or type of disposal at a solid waste disposal site as described in OAR 340-093-0070(4)(b);
3. A significant increase in discharges to water;
4. A relocation of an outfall outside of the source property; or
5. Any physical change or change of operation of an air pollutant source that results in a net significant emission rate increase as defined in OAR 340-200-0020.

How to complete a LUCS:

Step	Who does it?	What happens?
1.	Applicant	Applicant completes Section 1 of the LUCS and submits it to the appropriate city or county planning office.
2.	City or County Planning Office	City or county planning office completes Section 2 of the LUCS to indicate whether the activity or use is compatible with the acknowledged comprehensive plan and land use regulations, attaches written findings supporting the decision of compatibility, and returns the signed and dated LUCS to the applicant.
3.	Applicant	Applicant submits the completed LUCS and any supporting information provided by the city or county to DEQ along with the DEQ permit application or approval request.

Where to get help:

For questions about the LUCS process, contact the DEQ staff responsible for processing the permit or approval. DEQ staff may be reached at 1-800-452-4011 (toll-free, inside Oregon) or 503-229-5630. For general questions, please contact DEQ land use staff listed on our [Land Use Compatibility Statement page](#) online.

Cultural resources protection laws:

Applicants involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction, or alteration of an archeological site or object or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking, to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, ext. 232.

Land Use Compatibility Statement

Section 1 – To be completed by the applicant

1A. Applicant Name: Port of Toledo	1B. Project Name: Shipyard Sanitary Sewer
Contact Name: Lorna Davis	Physical Address: 1000 SW Altree Lane
Mailing Address: PO Box 428	City, State, Zip: Toledo, OR 97391
City, State, Zip: Toledo, OR 97391	Tax Lot #: 601
Telephone: 541-336-5207	Township: 11 Range: 10 Section: 18A
Tax Account #: R500455	Latitude: 44.6191
	Longitude: -123.9470

1C. Describe the project, include the type of development, business, or facility and services or products provided (attach additional information if necessary):

This project is to install a 5,000 solids tank for the newly constructed Environmental Work Building at the Port's Shipyard. The tank will be used for sanitary sewer only, connected to the building's restrooms. It will not be used for industrial wastewater.

This solids tank is included in the Port's Sanitary Sewer Extension Plan. Please see the attached sheet for additional information regarding the full project.

1D. Check the type of DEQ permit(s) or approval(s) being applied for at this time.

- | | |
|---|---|
| <input type="checkbox"/> Air Quality Notice of Construction | <input type="checkbox"/> Clean Water State Revolving Fund Loan Request |
| <input type="checkbox"/> Air Contaminant Discharge Permit | <input checked="" type="checkbox"/> Wastewater/Sewer Construction Plan/ Specifications (includes review of plan changes that require use of new land) |
| <input type="checkbox"/> Air Quality Title V Permit | <input type="checkbox"/> Water Quality NPDES Individual Permit |
| <input type="checkbox"/> Air Quality Indirect Source Permit | <input type="checkbox"/> Water Quality WPCF Individual Permit (for onsite construction-installation permits use the DEQ <u>Onsite LUCS form</u>) |
| <input type="checkbox"/> Parking/Traffic Circulation Plan | <input type="checkbox"/> Water Quality NPDES Stormwater General Permit (1200-A, 1200-C, 1200-CA, 1200-COLS, and 1200-Z) |
| <input type="checkbox"/> Solid Waste Land Disposal Site Permit | <input type="checkbox"/> Water Quality General Permit (all general permits, except 600, 700-PM, 1700-A, and 1700-B when they are mobile) |
| <input type="checkbox"/> Solid Waste Treatment Facility Permit | <input type="checkbox"/> Water Quality 401 Certification for federal permit or license |
| <input type="checkbox"/> Solid Waste Composting Facility Permit (includes Anaerobic Digester) | |
| <input type="checkbox"/> Conversion Technology Facility Permit | |
| <input type="checkbox"/> Solid Waste Letter Authorization Permit | |
| <input type="checkbox"/> Solid Waste Material Recovery Facility Permit | |
| <input type="checkbox"/> Solid Waste Energy Recovery Facility Permit | |
| <input type="checkbox"/> Solid Waste Transfer Station Permit | |
| <input type="checkbox"/> Waste Tire Storage Site Permit | |
| <input type="checkbox"/> Pollution Control Bond Request | |
| <input type="checkbox"/> Hazardous Waste Treatment, Storage or Disposal Permit | |

This application is for: Permit Renewal New Permit Permit Modification Other:

Section 2 – To be completed by city or county planning official

Applicant name: Port of Toledo Project name: Shipyard Sanitary Sewer

Instructions: Written findings of fact for all local decisions are required; written findings from previous actions are acceptable. For uses allowed outright by the acknowledged comprehensive plan, DEQ will accept written findings in the form of a reference to the specific plan policies, criteria, or standards that were relied upon in rendering the decision with an indication of why the decision is justified based on the plan policies, criteria, or standards.

2A. The project proposal is located: Inside city limits Inside UGB Outside UGB

2B. Name of the city or county that has land use jurisdiction (the legal entity responsible for land use decisions for the subject property or land use): City of Toledo

2C. This project is not within the jurisdiction of any other land use, zoning, or planning entity
 This project is also within the jurisdiction of the following land use, zoning, or planning entity _____

2D. Is the activity allowed under Measure 49 (2007)? No, Measure 49 is not applicable Yes, if yes, then check one:

Express; approved by DLCD order #:

Conditional; approved by DLCD order #:

Vested; approved by local government decision or court judgment docket or order #:

2E. Is the activity a composting facility?
 No Yes; Senate Bill 462 (2013) notification requirements have been met.

2F. Is the activity or use compatible with your acknowledged comprehensive plan as required by OAR 660-031? Please complete this form to address the activity or use for which the applicant is seeking approval (see 1.C on the previous page). If the activity or use is to occur in multiple phases, please ensure that your approval addresses the phases described in 1C. For example, if the applicant's project is described in 1C. as a subdivision and the LUCS indicates that only clearing and grading are allowed outright but does not indicate whether the subdivision is approved, DEQ will delay permit issuance until approval for the subdivision is obtained from the local planning official.

The activity or use is specifically exempt by the acknowledged comprehensive plan; explain:

Yes, the activity or use is pre-existing nonconforming use allowed outright by (provide reference for local ordinance):

Yes, the activity or use is allowed outright by (provide reference for local ordinance):
TMC 17.32.020(B)

Yes, the activity or use received preliminary approval that includes requirements to fully comply with local requirements; findings are attached.

Yes, the activity or use is allowed; findings are attached.

No, see 2D. above, activity or use allowed under Measure 49; findings are attached.

No, (complete below or attach findings for noncompliance and identify requirements the applicant must comply with before compatibility can be determined):
 Relevant specific plan policies, criteria, or standards:

Provide the reasons for the decision:

Additional comments (attach additional information as needed): Floodplain permit required. Permits from the Department of State Lands may be required. *continued below

Planning Official Signature: [Signature] Title: Contract Planner

Print Name: Justin Peterson Telephone #: 541 336 2247 Date: 2/10/2021

If necessary, depending upon city/county agreement on jurisdiction outside city limits but within UGB:

Planning Official Signature: _____ Title: _____
 Print Name: _____ Telephone #: _____ Date: _____

* Applicant needs to verify any required easements are obtained from the County or/and the railroad.

Alternative formats

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email deqinfo@deq.state.or.us.

Port of Toledo

Shipyard Sanitary Sewer

Attachment to LUCS

February 3, 2021

The full project encompasses multiple tax lots in order to connect buildings at the Port's Shipyard at 1000 SW Altree Lane and Industrial Park at 625 North Bay Road to the city of Toledo's sewer service.

All Tax Lots affected:

11-10-18-C0 500 Account # R500455

11-10-18-D0 400 Account # R179810

11-10-18-A0 800 Account # R167905

Utility Easement on City's Property 11-10-18-AA 900 Account #R515146

- This project will be completed in phases.
- This line will collect sanitary sewer from the buildings only and will not include industrial waste water.

The project spans approximately 4,750 feet, includes 3 pump stations and 3 solids tanks.

The new sewer line will collect from the restrooms in the current shipyard warehouse and the vessel work building with a solids tank placed at each building. The line will cross the railroad and street to the Port's Industrial Park and collect from restrooms in the existing and proposed industrial buildings and the caretaker's residence with a solids tank to service all buildings. The line will run along Bay road, cross the road, cross the railroad tracks, and run into the City's TIP Property where it will connect to the City sewer.

PORT OF TOLEDO SHIPYARD – SANITARY SEWER PROJECT

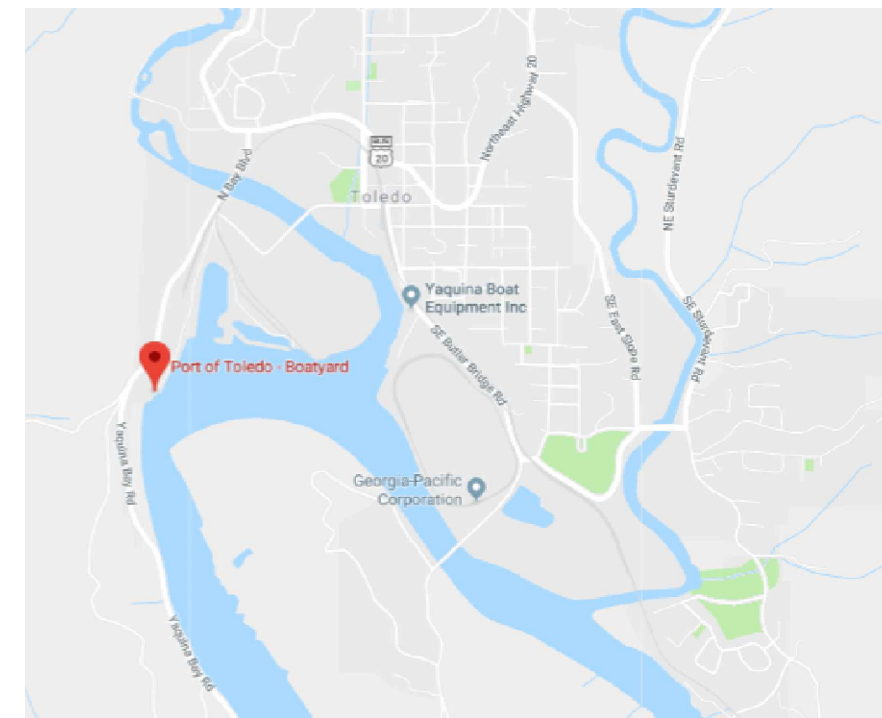
SEWER SYSTEM STANDARD GENERAL NOTES:

- ALL SEWER LINES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT EDITIONS OF THE CITY OF TOLEDO DESIGN AND CONSTRUCTION STANDARDS, ASCE STANDARDS, OREGON ADMINISTRATIVE RULES (OAR), AND THE OREGON PLUMBING SPECIALTY CODE (OPSC).
- LOCATIONS SHOWN FOR EXISTING UTILITIES ARE BASED ON AVAILABLE INFORMATION AND ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION; POTHOLE ALL EXISTING UTILITIES AS REQUIRED TO AVOID CONFLICTS WITH THE PROPOSED WATER LINE; AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN THE PLANS.
- THE CONTRACTOR SHALL CALL THE OREGON UTILITY NOTIFICATION CENTER (811) AT LEAST 48 HOURS, BUT NOT MORE THAN 10 BUSINESS DAYS, BEFORE BEGINNING EXCAVATION. 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. COPIES OF THE RULES ARE AVAILABLE THROUGH THE NOTIFICATION CENTER. IF ADDITIONAL INFORMATION IS DESIRED, YOU MAY CONTACT THE WATER DEPARTMENT AT 541-336-2247.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF TOLEDO AT 541-336-2247 A MINIMUM 48 HOURS (TWO BUSINESS DAYS) PRIOR TO CONSTRUCTION. WEEKENDS AND HOLIDAYS ARE NOT TO BE COUNTED AS PART OF NOTIFICATION TIME.
- ALL SEWER SERVICE LINES SHALL HAVE A MINIMUM COVER OVER THE TOP OF THE PIPE OF 30 INCHES ON IMPROVED ROADS AND 42 INCHES ON UNIMPROVED AREAS, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PROPER HORIZONTAL AND VERTICAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATERLINES AS REQUIRED BY THE OREGON HEALTH AUTHORITY, PUBLIC HEALTH DIVISION, OAR 333-061-0050.
- PRIOR TO BEING PLACED IN SERVICE, ALL SEWER LINES AND SERVICES SHALL BE LEAK TESTED. A REPRESENTATIVE MUST BE PRESENT DURING PRESSURE TESTING, FLUSHING AND DISINFECTION.
- THE CONTRACTOR SHALL PROTECT ALL SEWER APPURTENANCES DURING CONSTRUCTION. ANY TESTED AND APPROVED SEWER SERVICE THAT IS DISTURBED PRIOR TO THE CITY'S FINAL ACCEPTANCE OF ALL PUBLIC IMPROVEMENTS SHALL BE REMOVED AND REPLACED AT THE DEVELOPER'S EXPENSE.

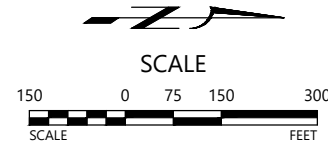
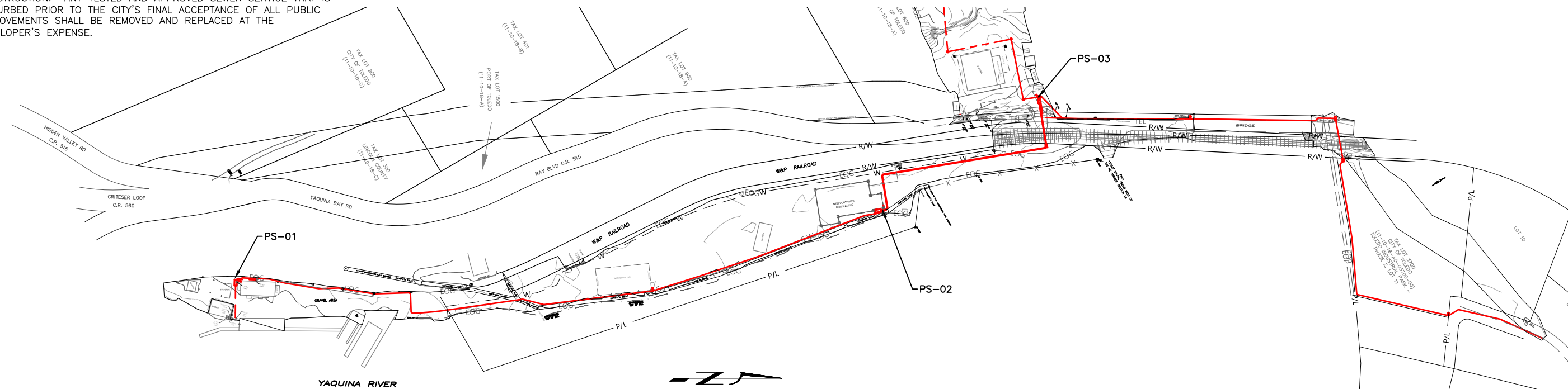
- IN THE EVENT OF A CONFLICT OR CHANGE IN CONDITIONS, THE CITY OF TOLEDO RESERVES THE RIGHT TO MAKE FIELD ADJUSTMENTS TO THE LOCATION OF A SEWER LINE OR APPURTENANCE AS REQUIRED FOR CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES IN ACCORDANCE WITH THE CURRENT EDITION OF DEQ "EROSION PREVENTION AND SEDIMENT CONTROL STANDARDS" AND CITY OF TOLEDO GRADING AND EROSION CONTROL PERMITS. COORDINATE EROSION CONTROL MEASURES WITH THE CITY OF TOLEDO INSPECTOR.
- TRAFFIC CONTROL IN THE RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ODOT "MANUAL ON TRAFFIC PRACTICES HANDBOOK FOR LOCAL ROADS AND STREETS IN OREGON." DURING THE WORK DAY, ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL CONFINE PUBLIC IMPROVEMENT WORK TO THE DEDICATED RIGHT-OF-WAY AND UTILITY EASEMENT AREAS.
- DURING CONSTRUCTION, THE CONTRACTOR AND/OR SUBCONTRACTORS SHALL HAVE A MINIMUM OF ONE (1) SET OF ENGINEER APPROVED AND CITY STAMPED PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES.

SHEET INDEX:

SHEET NUMBER	SHEET NAME	SHEET DESCRIPTION
01	G01	COVER SHEET
02	G02	CITY OF TOLEDO STANDARD NOTES
03	G03	CITY OF TOLEDO STANDARD NOTES
04	S01	FORCE MAIN PLAN
05	S02	FORCE MAIN PLAN
06	S03	FORCE MAIN PLAN
07	S04	FORCE MAIN PLAN
08	S05	FORCE MAIN PLAN
09	S06	FORCE MAIN PLAN
10	S07	FORCE MAIN PLAN
11	BR01	BRIDGE CROSSING PLAN
12	PS01	SITE LAYOUT PS-01 AND PS-02
13	PS02	SITE LAYOUT PS-03
14	PS03	SOLIDS TANK AND PUMP STATION DETAILS
15	PS04	PUMP STATION PS-03 DETAILS
16	CD01	CITY OF TOLEDO STANDARD DETAILS
17	CD02	CITY OF TOLEDO STANDARD DETAILS

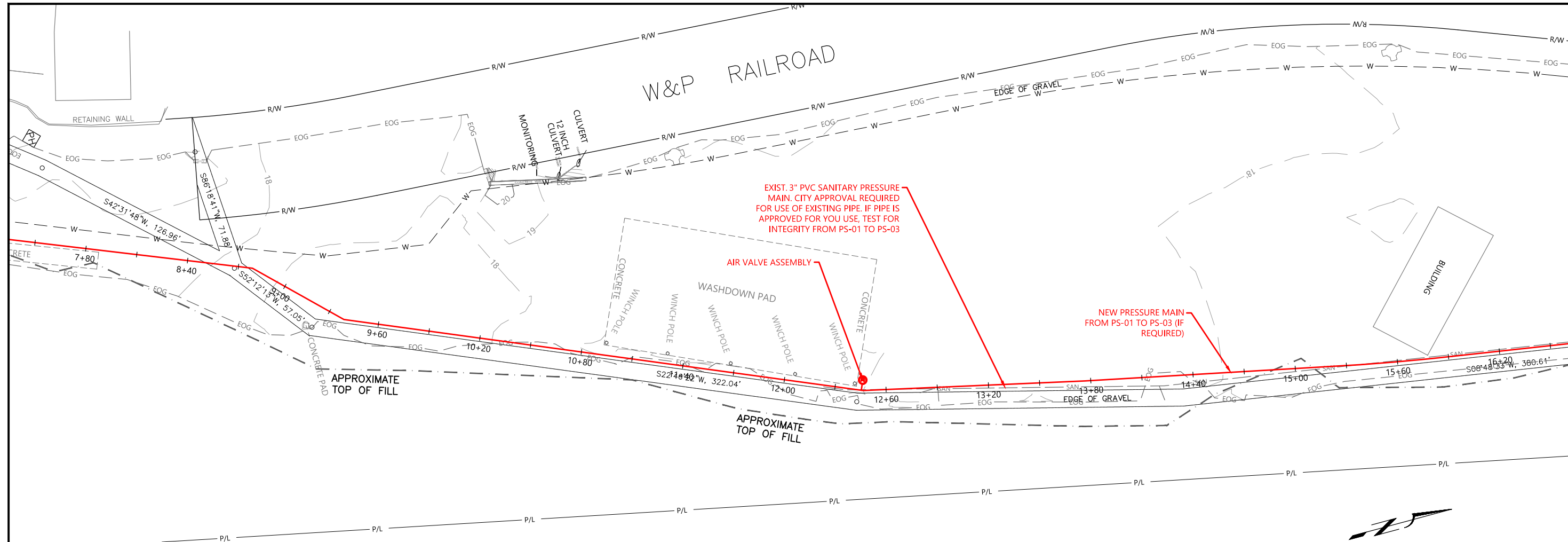


VICINITY MAP
NOT TO SCALE



BID SET
12/21/2020

SHIPYARD - SANITARY SEWER PROJECT	REVISIONS DATE NO.
PORT OF TOLEDO PROJECT SITE: 496 NE HWY 20, UNIT 1, TOLEDO, OR 97123	COVER SHEET
 Water Environment Resources Inc. <i>simple solutions... excellent results</i>	DATE 12/20/2020
13467 SW SUMMERWOOD DR. TIGARD, OR 97225 (503)-333-3470 WALTER L. COOK P.E.	SCALE: 1" = 150'
SHEET NO G01	PROJ. NO.: XXXX DRAWN BY: MJJ CHECKED BY: WLC
1 OF 17	SHEET NO G01



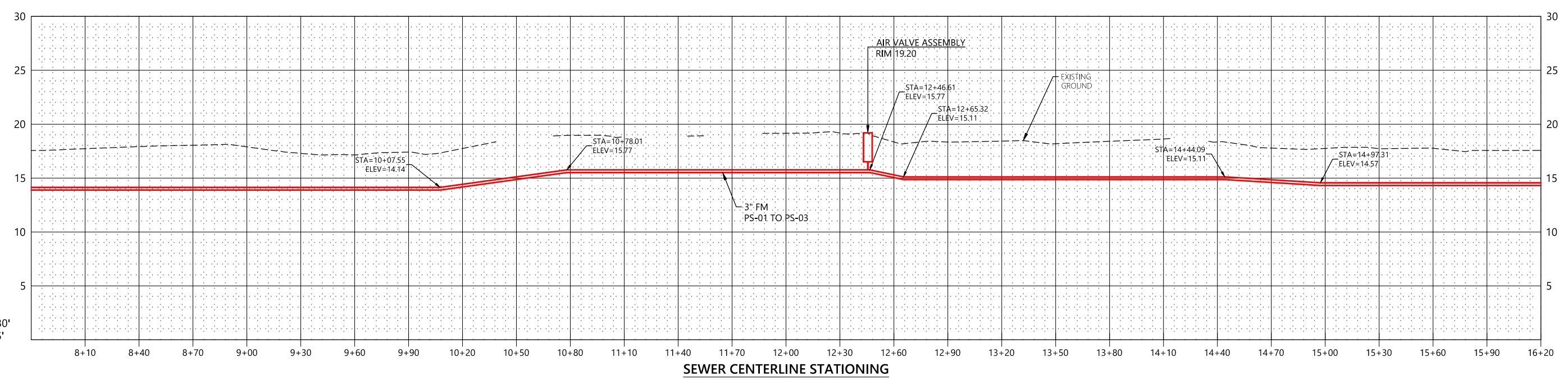
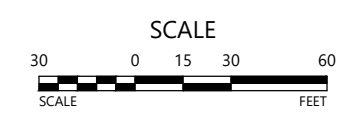
EXIST. 3" PVC SANITARY PRESSURE MAIN. CITY APPROVAL REQUIRED FOR USE OF EXISTING PIPE. IF PIPE IS APPROVED FOR YOUR USE, TEST FOR INTEGRITY FROM PS-01 TO PS-03

AIR VALVE ASSEMBLY

NEW PRESSURE MAIN FROM PS-01 TO PS-03 (IF REQUIRED)

APPROXIMATE TOP OF FILL

APPROXIMATE TOP OF FILL



PROFILE:
HORIZ 1"=30'
VERT 1"=5'

SEWER CENTERLINE STATIONING

BID SET
12/21/2020

NO.	DATE	REVISIONS

PORT OF TOLEDO
 PROJECT SITE:
 496 NE HWY 20, UNIT 1,
 TOLEDO, OR 97123

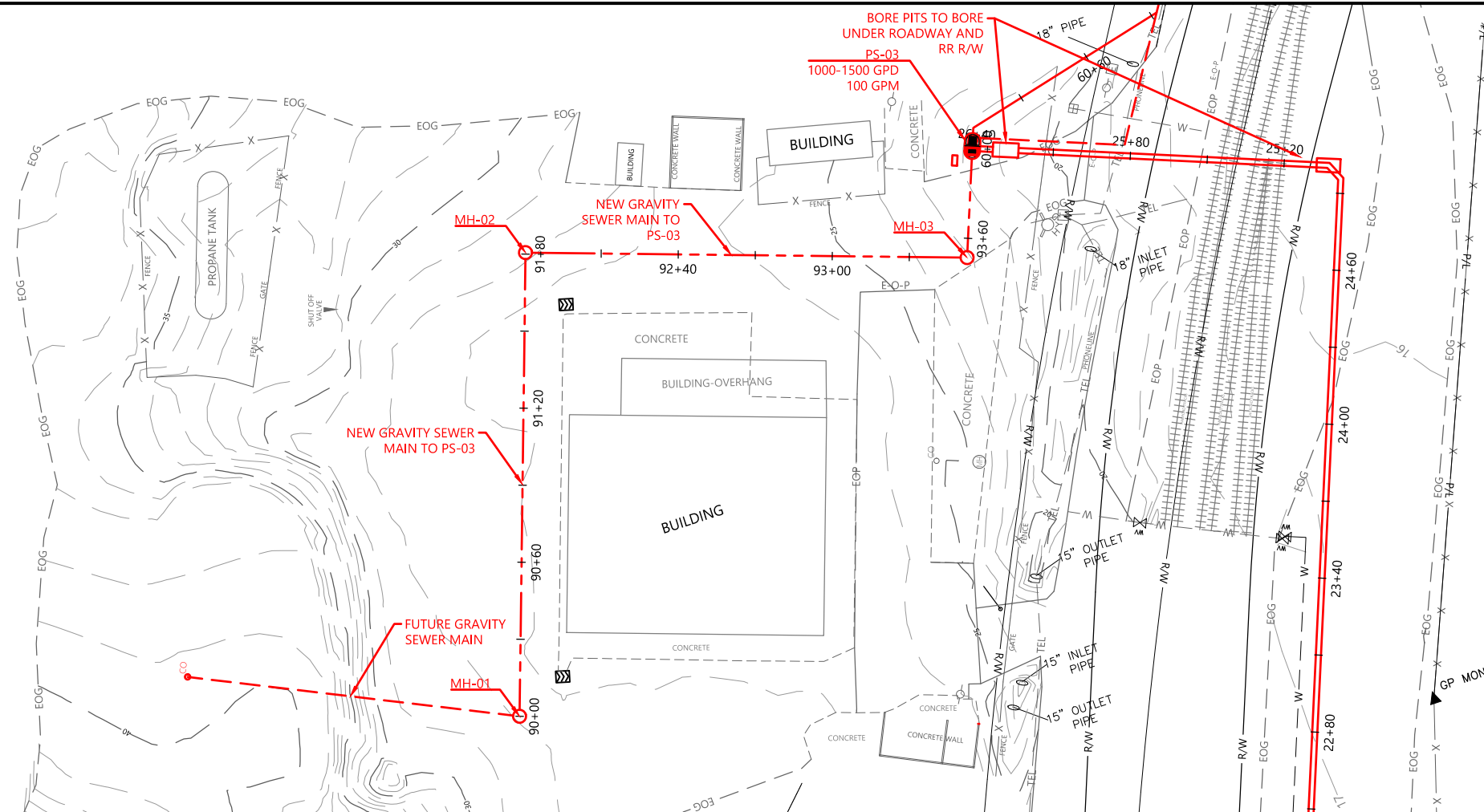
FORCE MAIN PLAN

Water Environment Resources Inc.
 simple solutions... excellent results

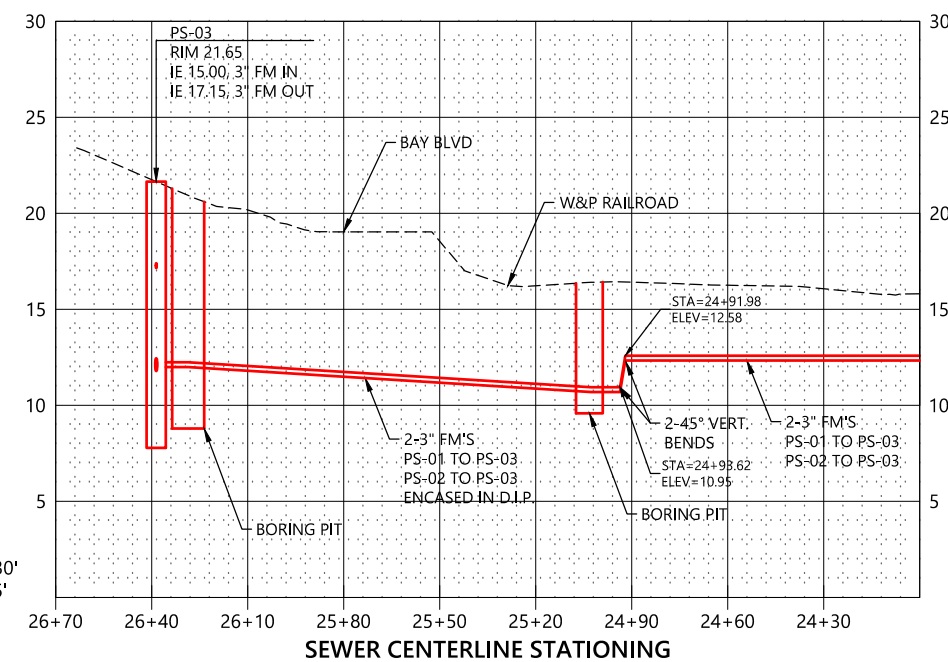
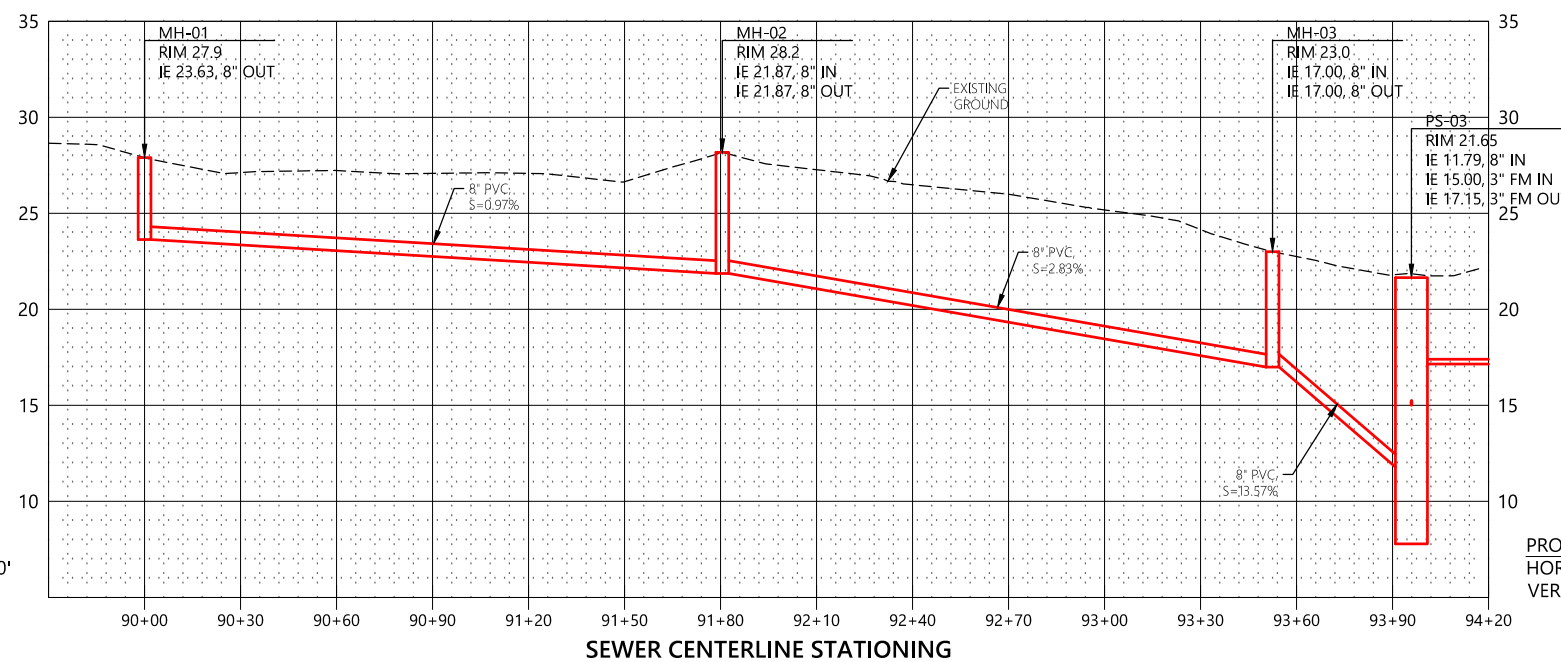
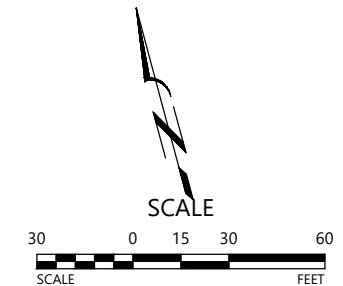
13467 SW SUMMERWOOD DR.
 TIGARD, OR 97225
 (503)-333-3470
 WALTER L. COOK P.E.

DATE 12/20/2020	PROJ. NO.:
SCALE: 1" = 30'	XXX
DRAWN BY: MJJ	CHECKED BY: WLC

SHEET NO
S02
5 OF 17



- SHEET NOTES:**
- RAILROAD CROSSINGS SHALL BE IN ACCORDANCE WITH UPRR STANDARDS INCLUDING AREMA CHAPTER 1 APPLICABLE SECTIONS.
 - REFER TO UPRR PERMIT CROSSING DRAWING SET.
 - CONDUCT ALL WORK IN ACCORDANCE WITH THE APPROVED UPRR PERMIT APPLICATION.
 - CONTACT PWR FOR FLAGGING PERMIT AND REQUIREMENTS.

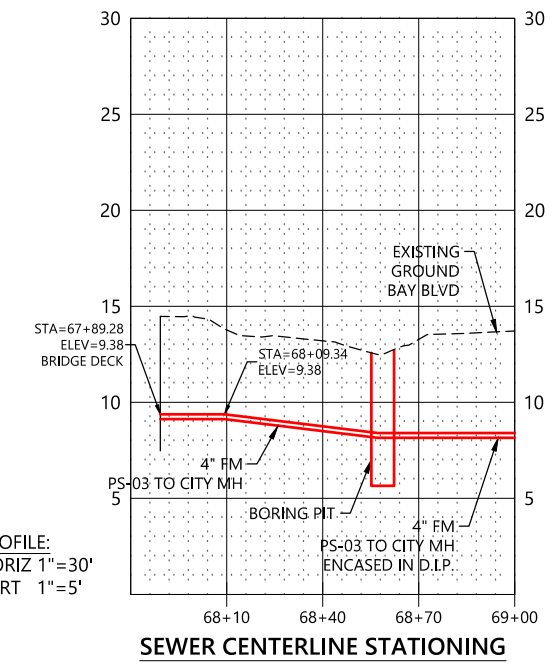
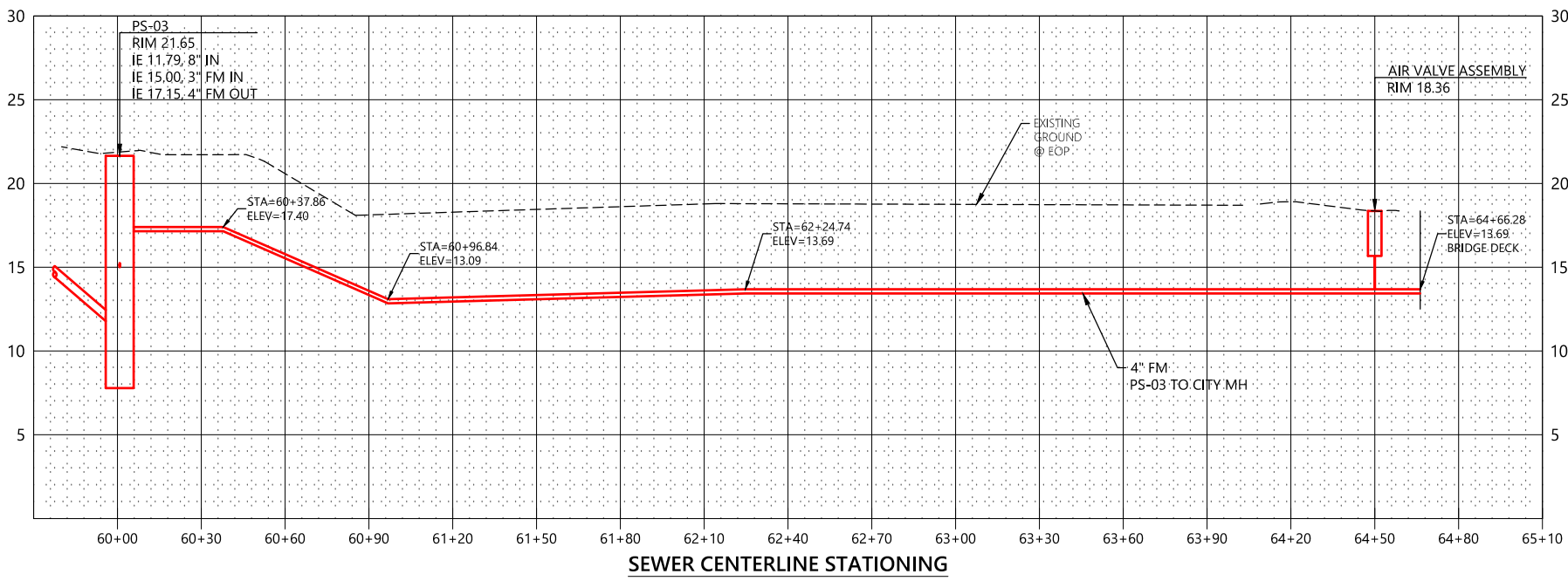
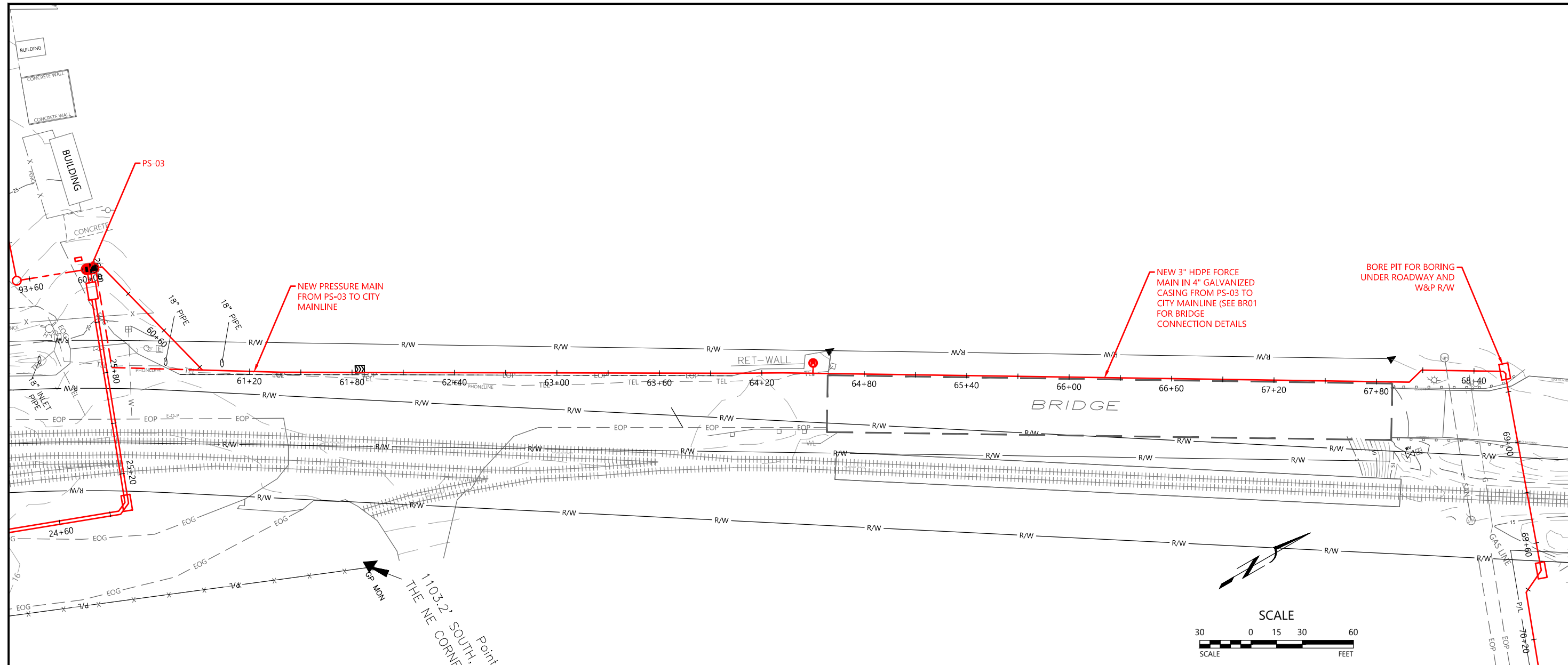


PROFILE:
HORIZ 1"=30'
VERT 1"=5'

PROFILE:
HORIZ 1"=30'
VERT 1"=5'

BID SET
12/21/2020

<p>PORT OF TOLEDO</p> <p>PROJECT SITE: 496 NE HWY 20, UNIT 1, TOLEDO, OR 97123</p> <p>FORCE MAIN PLAN</p>	<p>SHIPYARD - SANITARY SEWER PROJECT</p>
<p>Water Environment Resources Inc. simple solutions... excellent results</p> <p>13467 SW SUMMERWOOD DR. TIGARD, OR 97225 (503)-333-3470 WALTER L. COOK P.E.</p>	
<p>DATE: 12/20/2020</p> <p>SCALE: 1" = 30'</p> <p>DRAWN BY: MJJ</p> <p>SHEET NO:</p>	<p>PROJ. NO.: XXX</p> <p>CHECKED BY: WLC</p>
<p>S04</p> <p>7 OF 17</p>	<p>NO. _____</p> <p>DATE _____</p> <p>REVISIONS _____</p>



PROFILE:
HORIZ 1"=30'
VERT 1"=5'

PROFILE:
HORIZ 1"=30'
VERT 1"=5'

SEWER CENTERLINE STATIONING

SEWER CENTERLINE STATIONING

NO.	DATE	REVISIONS

SHIPYARD - SANITARY SEWER PROJECT

PORT OF TOLEDO
PROJECT SITE:
496 NE HWY 20, UNIT 1,
TOLEDO, OR 97123

WATER ENVIRONMENTAL RESOURCES INC.
simple solutions... excellent results
13467 SW SUMMERWOOD DR.
TIGARD, OR 97225
(503)-333-3470
WALTER L. COOK P.E.

DATE: 12/20/2020
SCALE: 1" = 30'
DRAWN BY: M.J.J.
SHEET NO: S05

S05
8 OF 17

BID SET
12/21/2020

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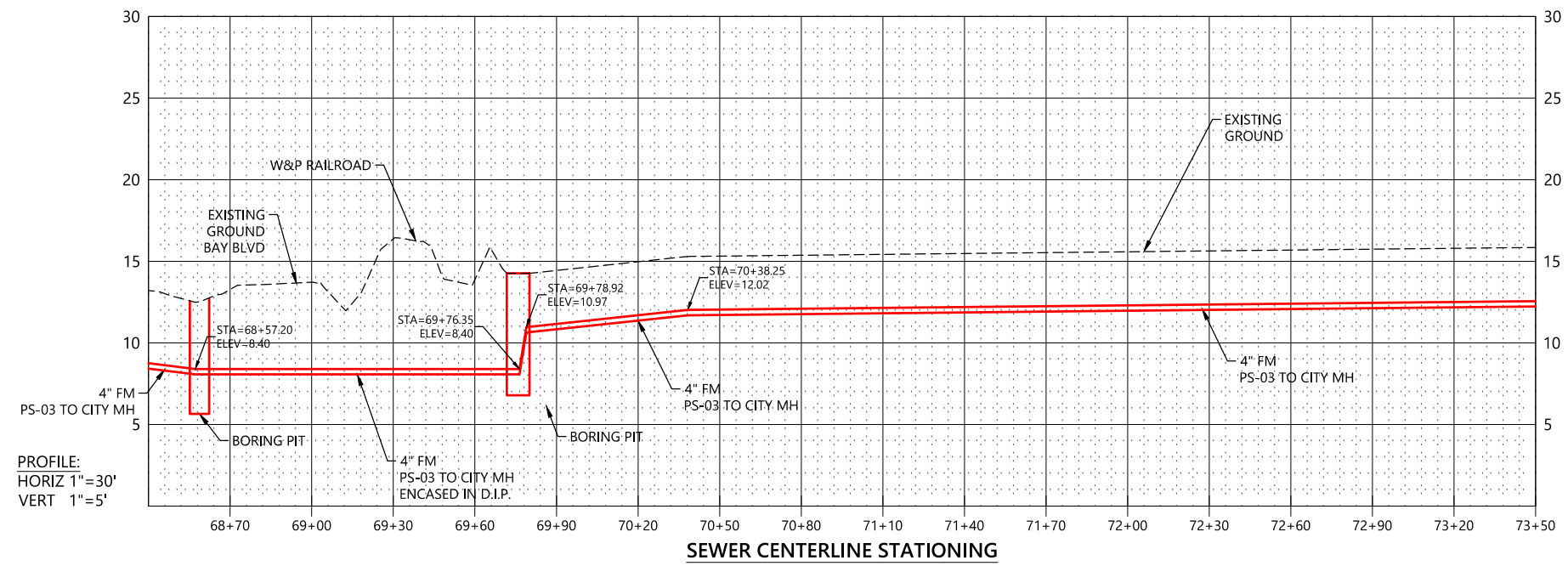
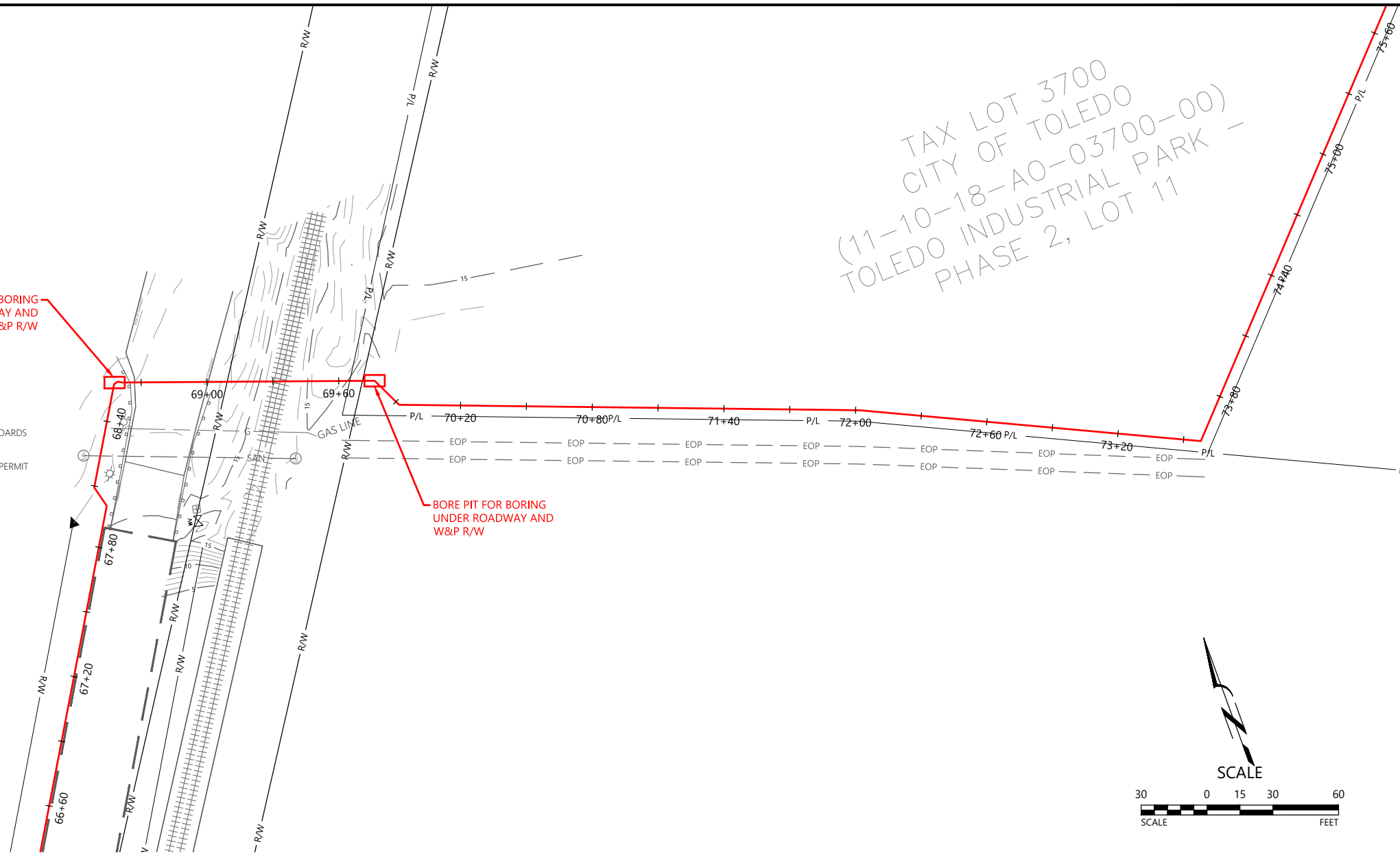
TAX LOT 3700
CITY OF TOLEDO
(11-10-18-A0-03700-00)
TOLEDO INDUSTRIAL PARK -
PHASE 2, LOT 11

BORE PIT FOR BORING
UNDER ROADWAY AND
W&P R/W

BORE PIT FOR BORING
UNDER ROADWAY AND
W&P R/W

SHEET NOTES:

1. RAILROAD CROSSINGS SHALL BE IN ACCORDANCE WITH UPRR STANDARDS INCLUDING AREMA CHAPTER 1 APPLICABLE SECTIONS.
2. REFER TO UPRR PERMIT CROSSING DRAWING SET.
3. CONDUCT ALL WORK IN ACCORDANCE WITH THE APPROVED UPRR PERMIT APPLICATION.
4. CONTACT PWR FOR FLAGGING PERMIT AND REQUIREMENTS.



PROFILE:
HORIZ 1"=30'
VERT 1"=5'

SEWER CENTERLINE STATIONING

NO.	DATE	REVISIONS

**SHIPYARD - SANITARY
SEWER PROJECT**

PORT OF TOLEDO
PROJECT SITE:
496 NE HWY 20, UNIT 1,
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FORCE MAIN PLAN

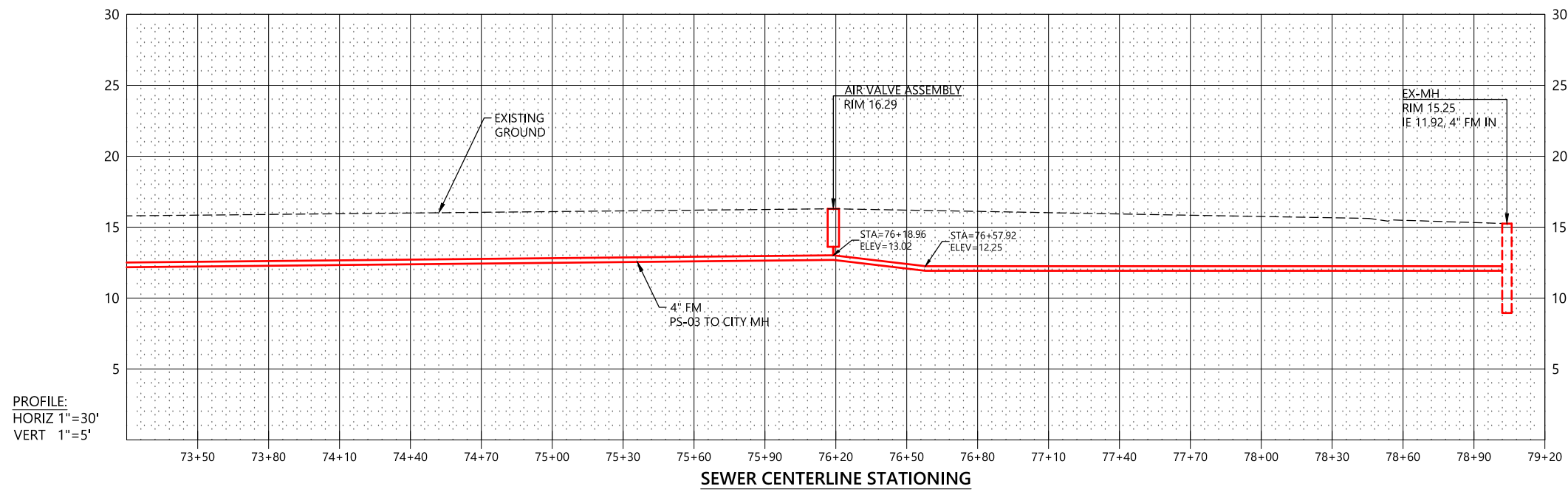
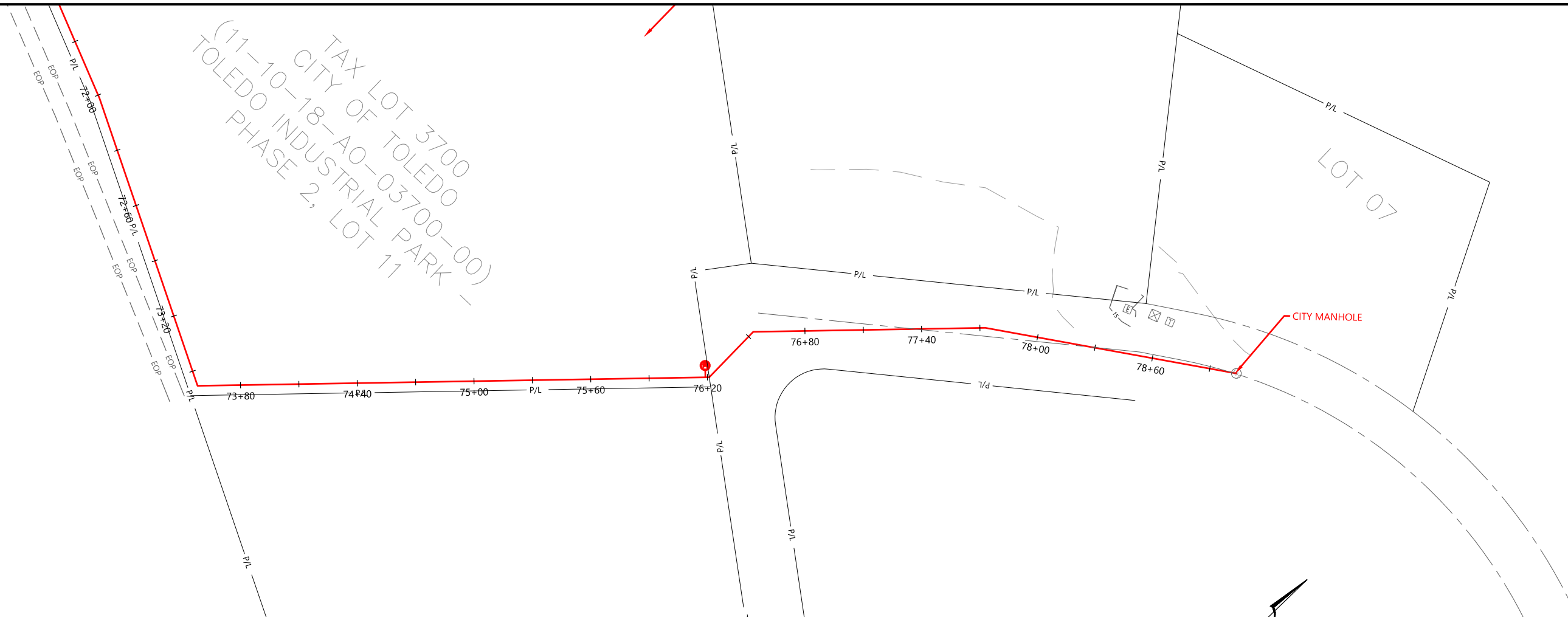
WER
Water Environment Resources Inc.
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13467 SW SUMMERWOOD DR.
TIGARD, OR 97225
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WALTER L. COOK P.E.

DATE 12/20/2020	PROJ. NO.:
SCALE: 1" = 30'	XXX
DRAWN BY: MJJ	CHECKED BY: WLC
SHEET NO	

**BID SET
12/21/2020**

S06
9 OF 17



PROFILE:
HORIZ 1"=30'
VERT 1"=5'

SEWER CENTERLINE STATIONING

NO.	DATE	REVISIONS

SHIPYARD - SANITARY SEWER PROJECT

PORT OF TOLEDO
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496 NE HWY 20, UNIT 1,
TOLEDO, OR 97123

FORCE MAIN PLAN

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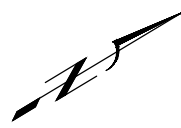
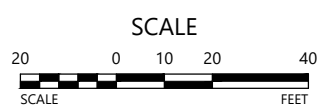
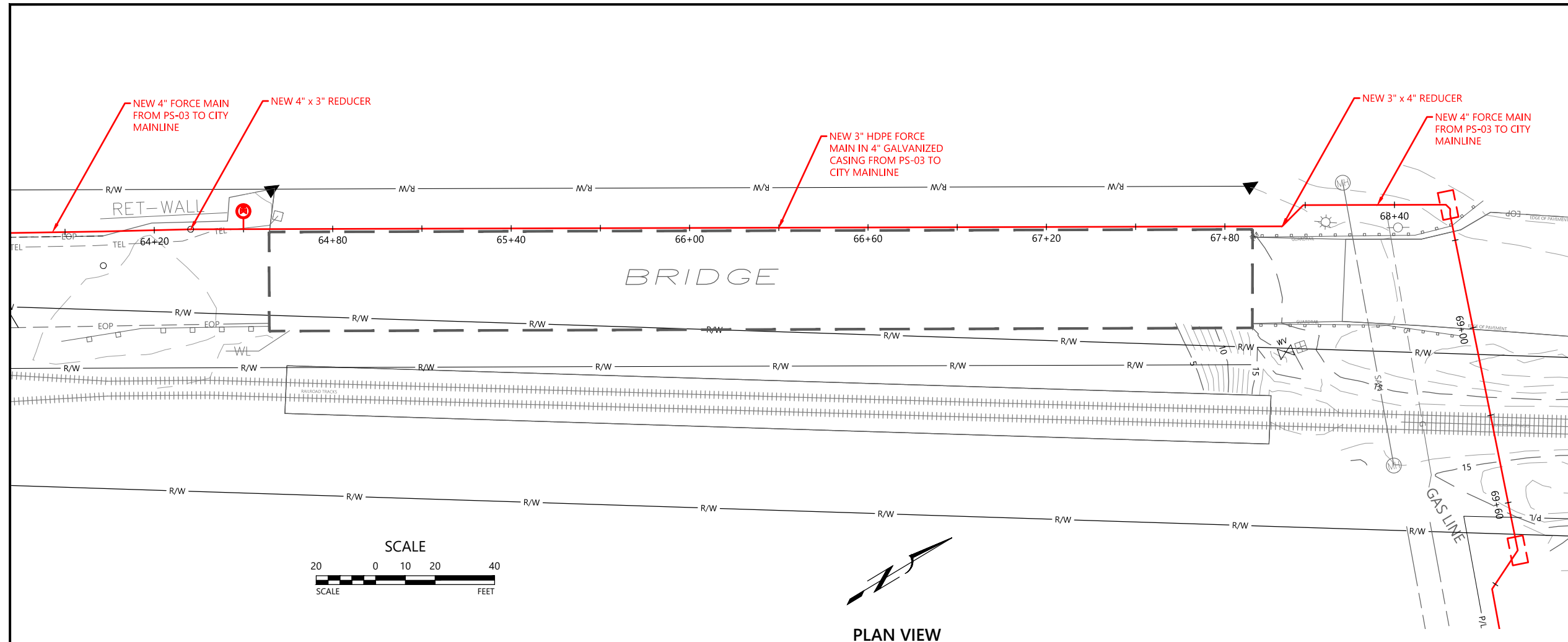
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WALTER L. COOK P.E.

DATE 12/20/2020	PROJ. NO.:
SCALE: 1" = 30'	XXX
DRAWN BY: MJJ	CHECKED BY: WLC

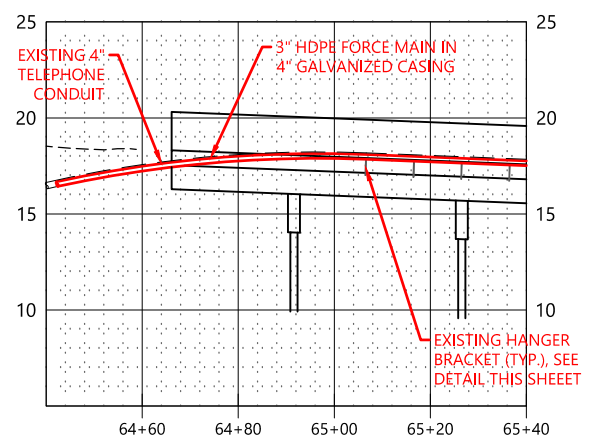
SHEET NO
S07
10 OF 17

BID SET
12/21/2020

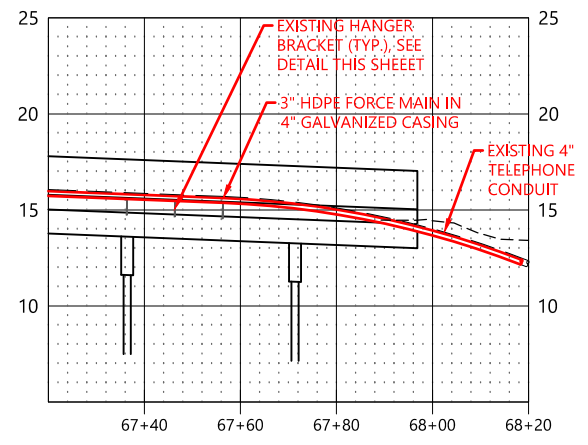
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PLAN VIEW



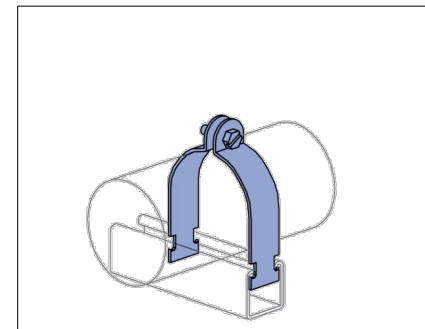
SOUTH END BRIDGE



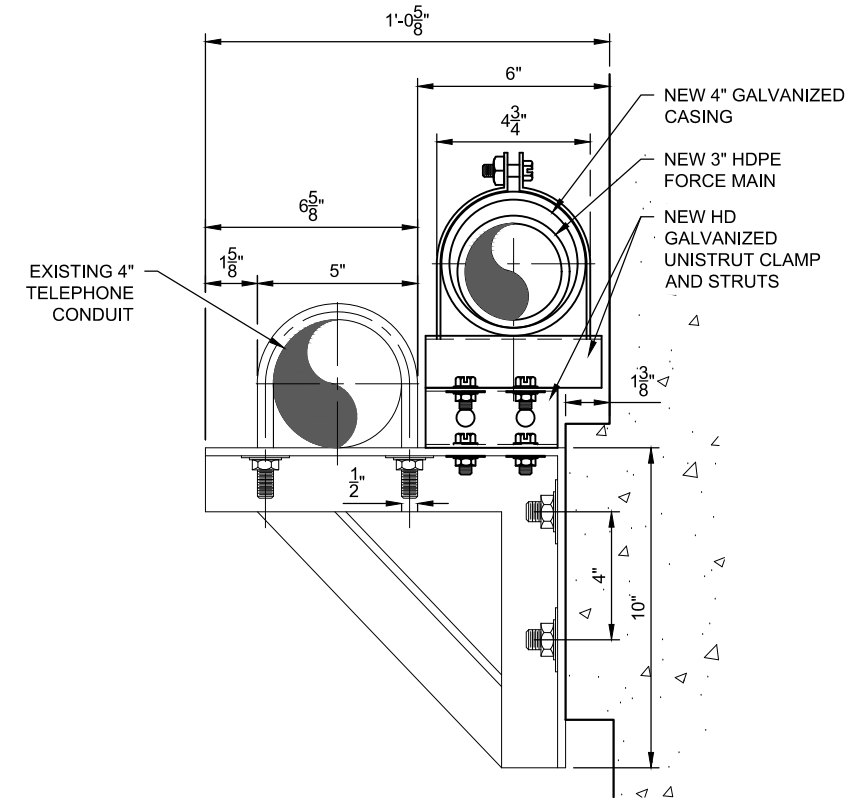
NORTH END BRIDGE

FORCE MAIN BRIDGE ATTACHMENT NOTES

1. ALL WORK IS TO BE IN CONFORMANCE WITH ODOT, LINCOLN COUNTY AND OTHER APPLICABLE CODES AND STANDARDS.
2. COORDINATE BRIDGE WORK WITH LINCOLN COUNTY BRIDGE ENGINEER, KELLY FOLEY 541-270-3746 AND PORT OF TOLEDO MANAGER BUD SHOEMAKE.
3. SUBMIT WORK PLAN TO LINCOLN COUNTY AND PORT OF TOLEDO.
4. SUBMIT TRAFFIC MANAGEMENT PLAN INCLUDING USE OF FLAGGERS FOR TRAFFIC CONTROL.
5. VERIFY INTEGRITY OF EXISTING HANGERS INCLUDING IMBEDDED ANCHORS.
6. REFERS TO ENGINEER SPECIFICATION AND CALCULATIONS FOR USE OF EXISTING BRIDGE PIPE HANGERS.
7. ALL NEW CONDUIT AND UNISTRUT PARTS TO BE HD GALVANIZED TREATED FOR CORROSION PROTECTION OR AS OTHERWISE REQUIRED BY THE COUNTY AND PORT.
8. PREVENT ALL DEBRIS AND OTHER CONTAMINANTS FROM ENTERING THE YAQUINA RIVER/ DEPOT SLOUGH.
9. OBTAIN ALL ADDITIONAL PERMITS FOR WORKING OVER WATER IF REQUIRED.



ISOMETRIC VIEW



BRACKET DETAIL
NTS

BID SET
12/21/2020

NO.	DATE	REVISIONS

SHIPYARD - SANITARY SEWER PROJECT

PORT OF TOLEDO
PROJECT SITE:
496 NE HWY 20, UNIT 1,
TOLEDO, OR 97123

WER
Water Environment Resources Inc.
simple solutions... excellent results

13467 SW SUMMERWOOD DR.
TIGARD, OR 97225
(503)-333-3470
WALTER L. COOK P.E.

DATE 12/20/2020	PROJ. NO.:
SCALE: 1" = 20'	XXX
DRAWN BY: MJJ	CHECKED BY: WLC
SHEET NO	

BR01
11 OF 17

NO.	DATE	REVISIONS

PORT OF TOLEDO
 PROJECT SITE:
 496 NE HWY 20, UNIT 1,
 TOLEDO, OR 97123

SHIPYARD - SANITARY SEWER PROJECT

SITE LAYOUT PS-01 AND PS-02

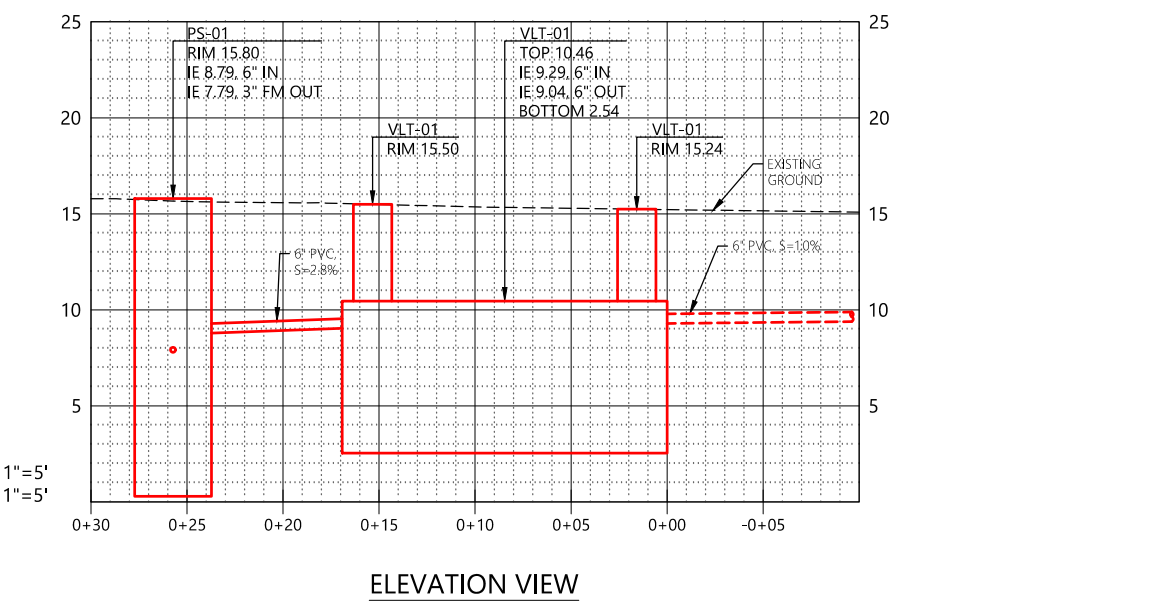
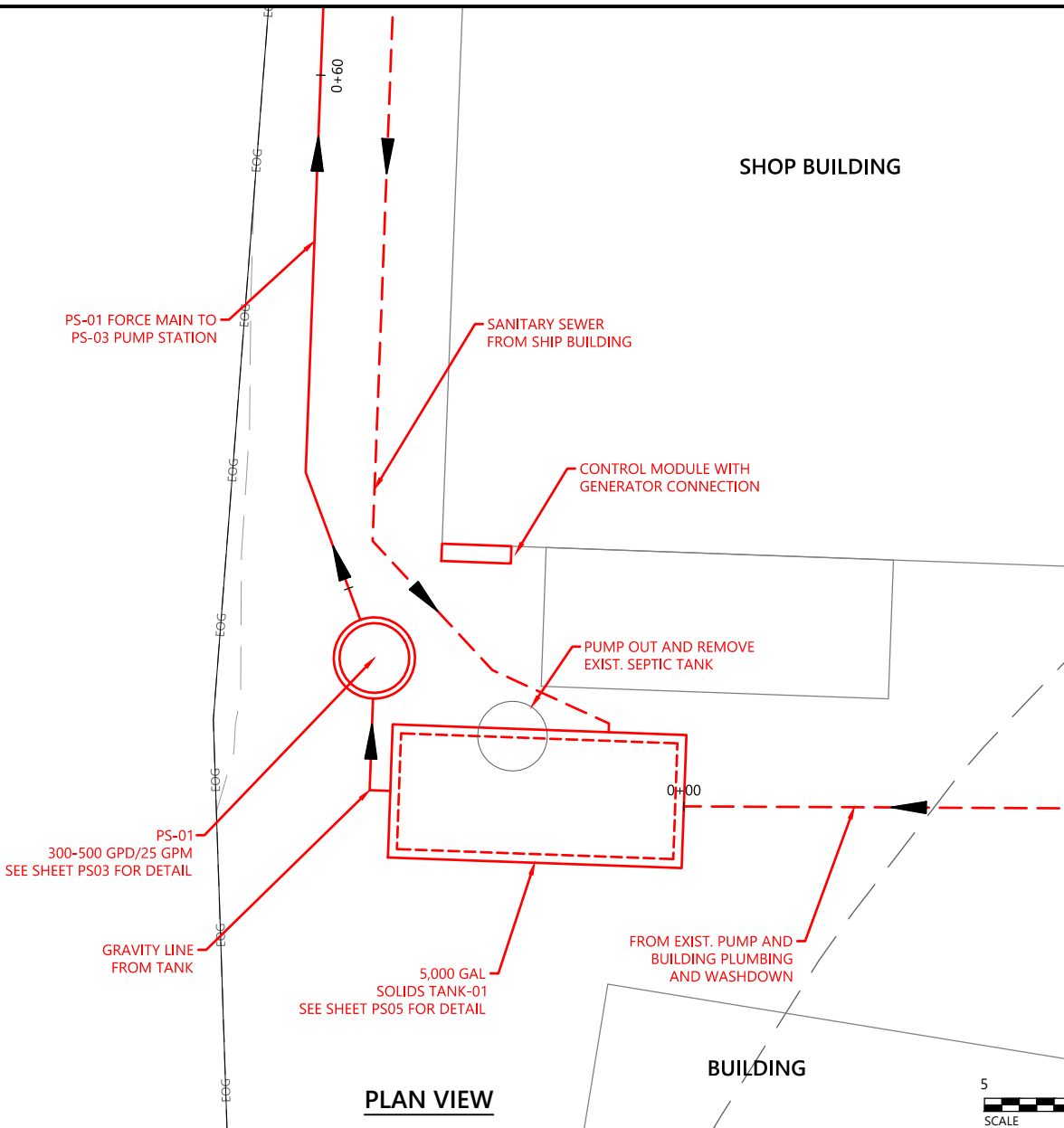
WATER ENVIRONMENTAL RESOURCES INC.
 Water Environment Resources Inc.
 simple solutions... excellent results

13467 SW SUMMERWOOD DR.
 TIGARD, OR 97225
 (503)-333-3470
 WALTER L. COOK P.E.

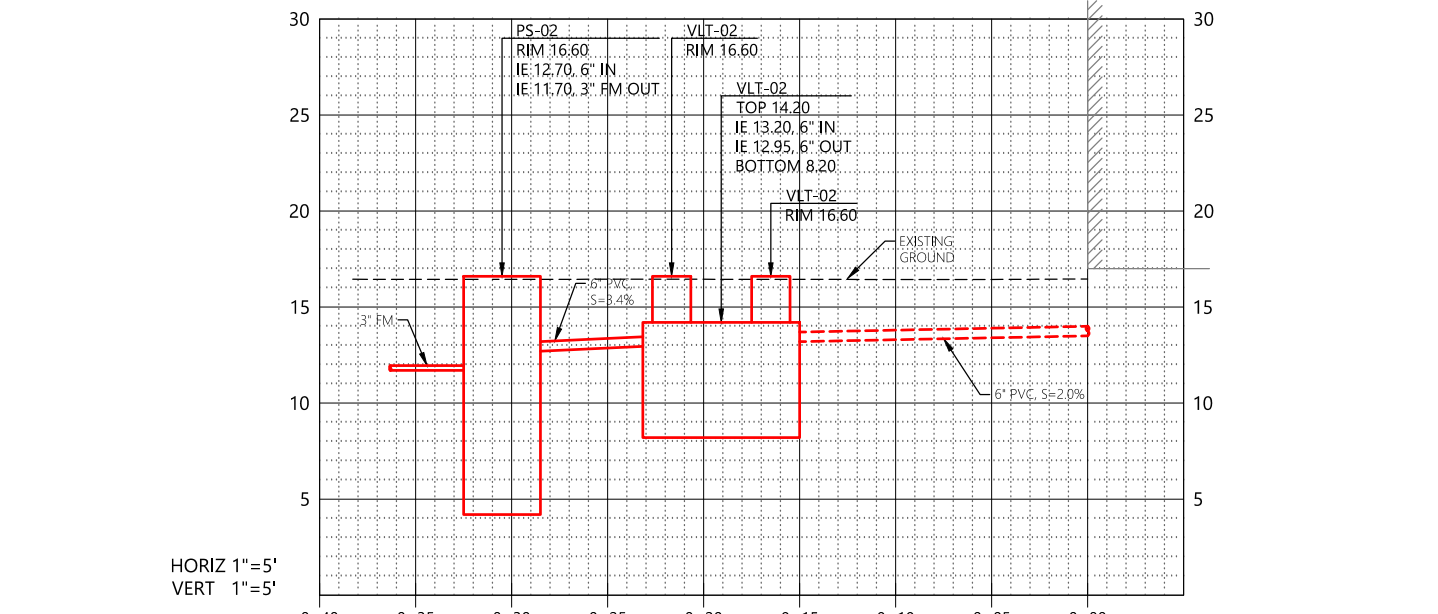
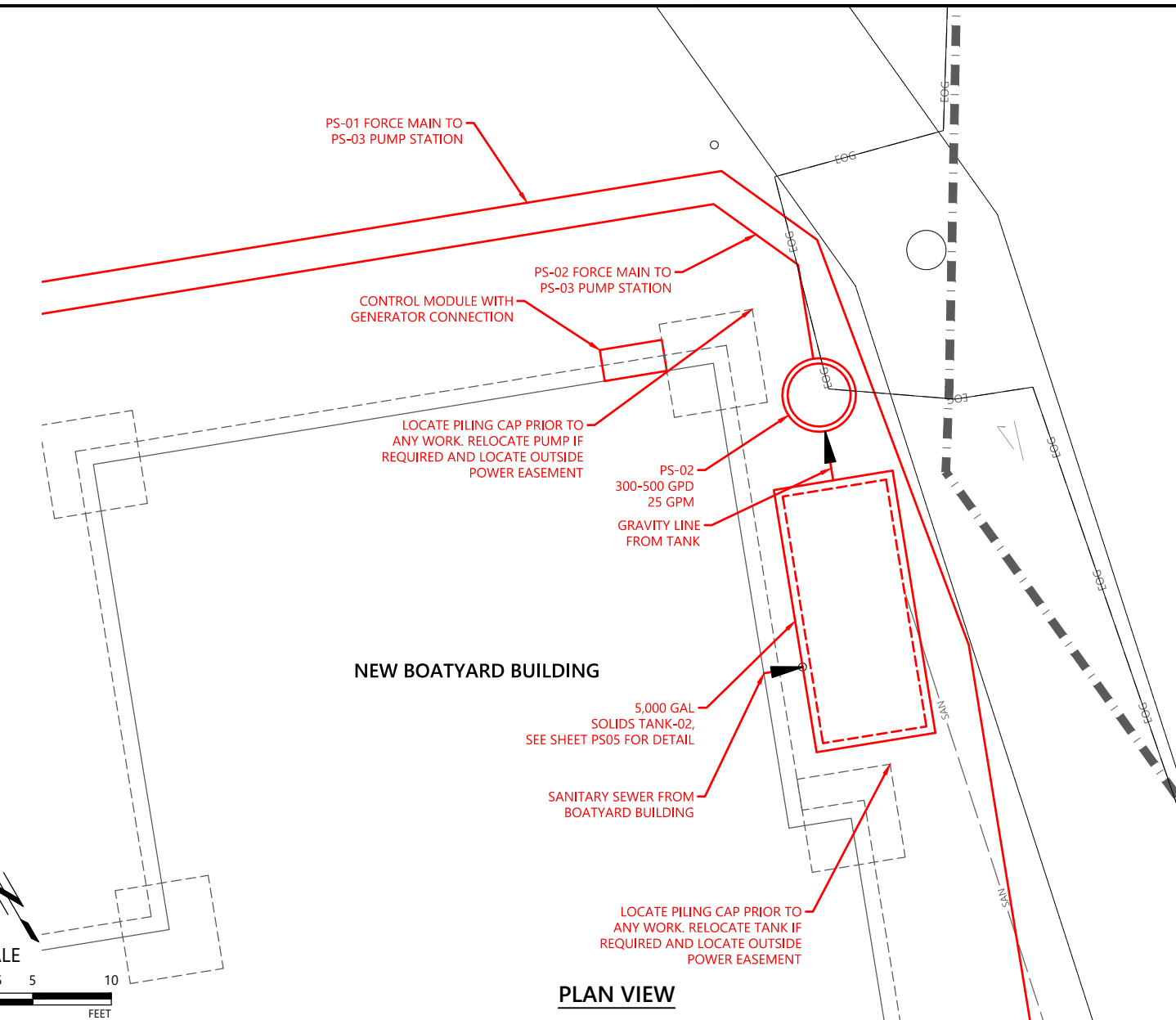
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 PROJ. NO.: XXX
 DRAWN BY: MJJ
 CHECKED BY: WLC

SHEET NO. PS01
 12 OF 17

PT_PP2.dwg

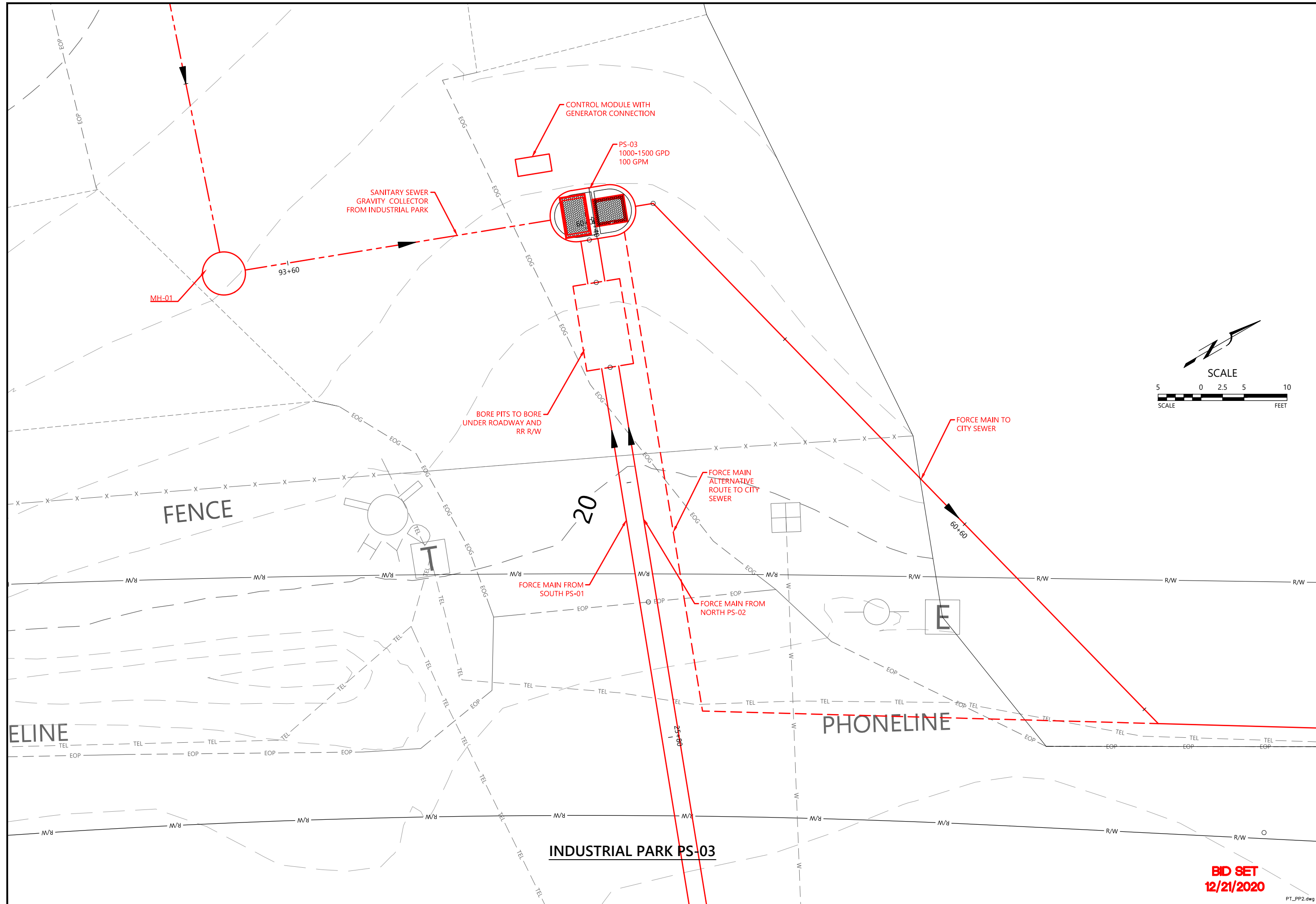


SOUTH BOATYARD PS-01



NORTH BOATYARD PS-02

BID SET
12/21/2020



NO.	DATE	REVISIONS

PORT OF TOLEDO
 PROJECT SITE:
 496 NE HWY 20, UNIT 1,
 TOLEDO, OR 97123

SHIPYARD - SANITARY SEWER PROJECT

SITE LAYOUT PS-03

WER
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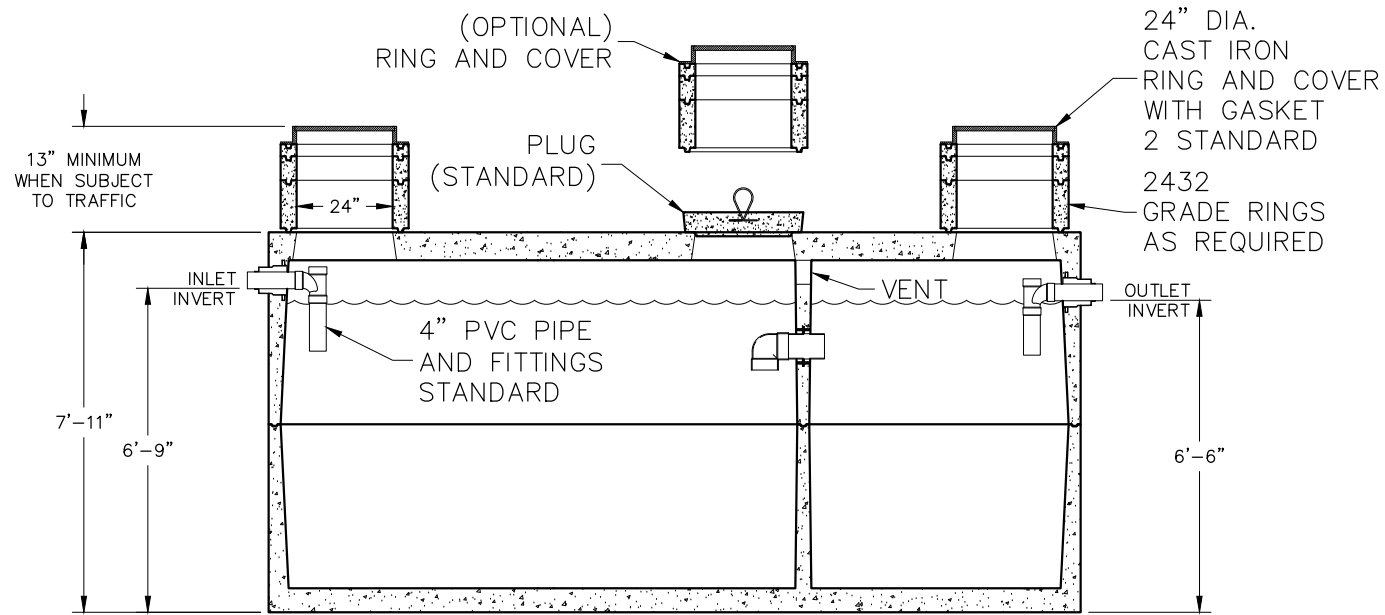
13467 SW SUMMERWOOD DR.
 TIGARD, OR 97225
 (503)-333-3470
 WALTER L. COOK P.E.

DATE: 12/20/2020
 SCALE: 1" = 5'
 PROJ. NO.: XXX
 DRAWN BY: MJJ
 CHECKED BY: WLC

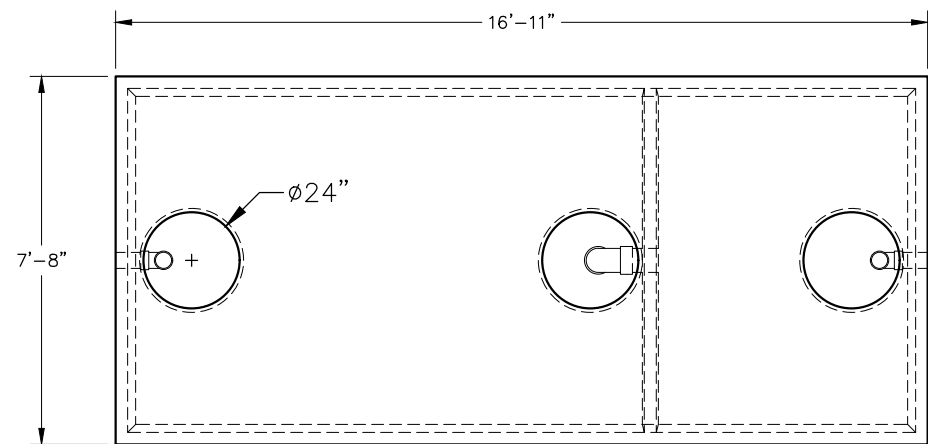
SHEET NO: PS02
 13 OF 17

BID SET
12/21/2020

PT_PP2.dwg



ELEVATION VIEW



PLAN VIEW (COVERS NOT SHOWN)

OPERATING CAPACITY: 5000 GALLONS.

DESIGN LOAD: H-20 TRAFFIC WITH WATER TABLE 4 FEET BELOW FINISHED GRADE AND 13 INCHES TO 6 FEET EARTH COVER.

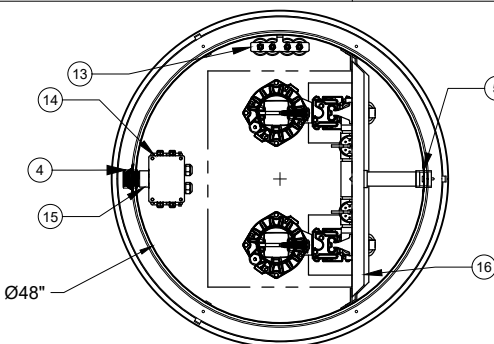
SUITABLE SUB-BASE BEDDED WITH GRANULAR MATERIAL SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT MANUFACTURER.

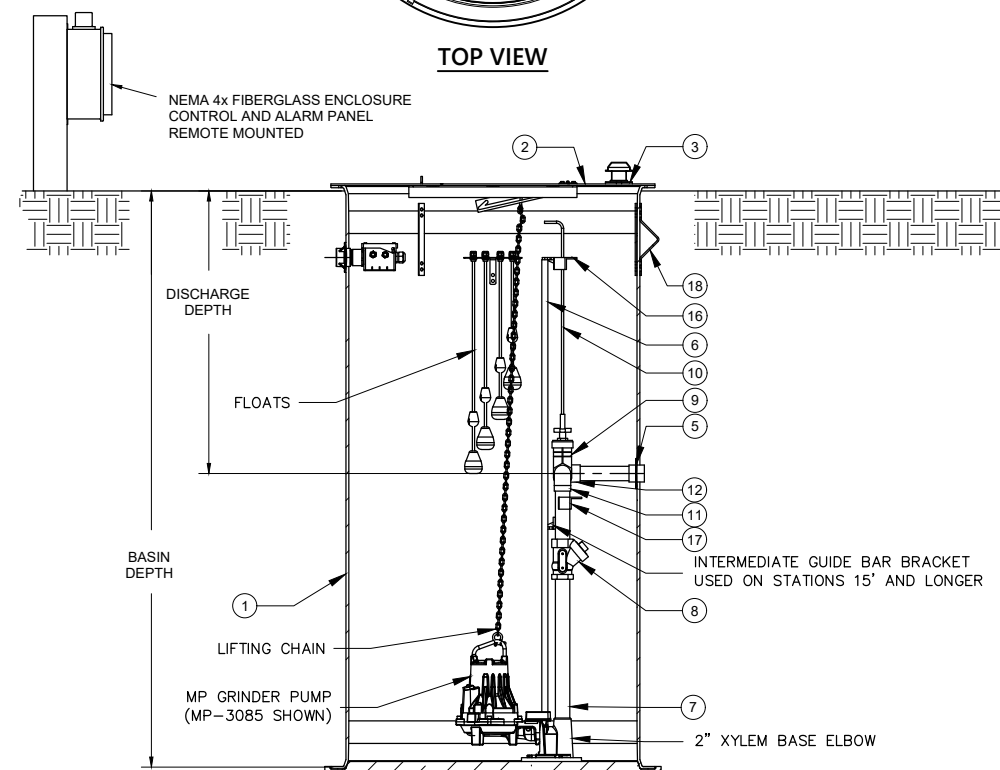
MINIMUM EXCAVATION
8'-8" x 17'-11"
x REQ'D DEPTH

5,000 GALLON SOLIDS TANK DETAIL

ITEM	DESCRIPTION	PART NUMBER	QTY
18	I.E. STEEL MINI LUG		
17	ALUMINUM SHIPPING BRACE FOR 48" BASIN		
16	UPPER ALUMINUM GUIDE BAR BRACE		
15	2" SCH80 PVC PIPE		
14	3 1/2" x 5 1/2" x 4" WATER-TIGHT J-BOX, (3) 1/2" AND (1) 1" GRIPS		
13	SST FLOAT BRACKET W/(4) CORD GRIPS		
12	2" SCH80 PVC TEE		
11	2" SCH80 PVC 90° ELBOW		
10	304 SST VALVE EXTENSION HANDLE		
9	2" SCH80 PVC GATE VALVE		
8	2" CAST IRON BALL CHECK VALVE		
7	2" SCH80 PVC PIPE		
6	3/4" 304 SST GUIDE BAR		
5	2" SST THREADED NPT COUPLING - DISCHARGE		
4	2" NPT BOLT-ON COMPOSITE FG COUPLING - ELECTRICAL		1
3	2" PLASTIC THREADED FLANGE VENT		2
2	1/4" ALUMINUM HATCH COVER		1
1	48" FIBERGLASS BASIN W/ FG ANTI-FLOAT		1



TOP VIEW



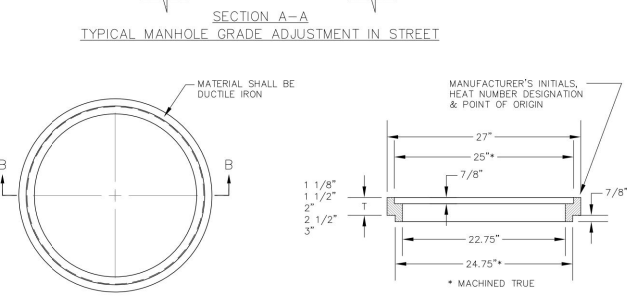
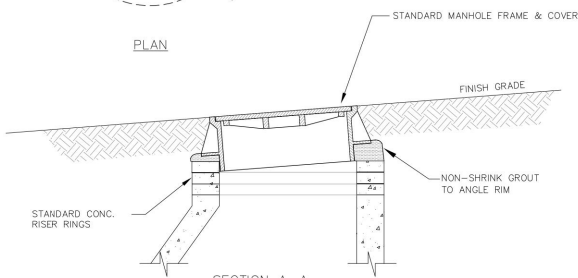
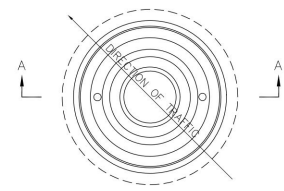
ELEVATION VIEW

PUMP STATION PS-01 AND PS-02 DETAIL

<p>SHIPYARD - SANITARY SEWER PROJECT</p>	<p>SOLIDS TANK AND PUMP STATION DETAILS</p>								
<p>PORT OF TOLEDO</p>									
<p>PROJECT SITE: 496 NE HWY 20, UNIT 1, TOLEDO, OR 97123</p>									
<p>13467 SW SUMMERWOOD DR. TIGARD, OR 97225 (503)-333-3470 WALTER L. COOK P.E.</p>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATE 12/20/2020</td> <td>PROJ. NO.:</td> </tr> <tr> <td>SCALE: 1/2" = 1'-0"</td> <td>PROJ.#</td> </tr> <tr> <td>DRAWN BY: MJJ</td> <td>CHECKED BY: WLC</td> </tr> <tr> <td colspan="2">SHEET NO</td> </tr> </table>		DATE 12/20/2020	PROJ. NO.:	SCALE: 1/2" = 1'-0"	PROJ.#	DRAWN BY: MJJ	CHECKED BY: WLC	SHEET NO	
DATE 12/20/2020	PROJ. NO.:								
SCALE: 1/2" = 1'-0"	PROJ.#								
DRAWN BY: MJJ	CHECKED BY: WLC								
SHEET NO									
<p>PS03</p>									
<p>14 OF 17</p>									

BID SET
12/21/2020

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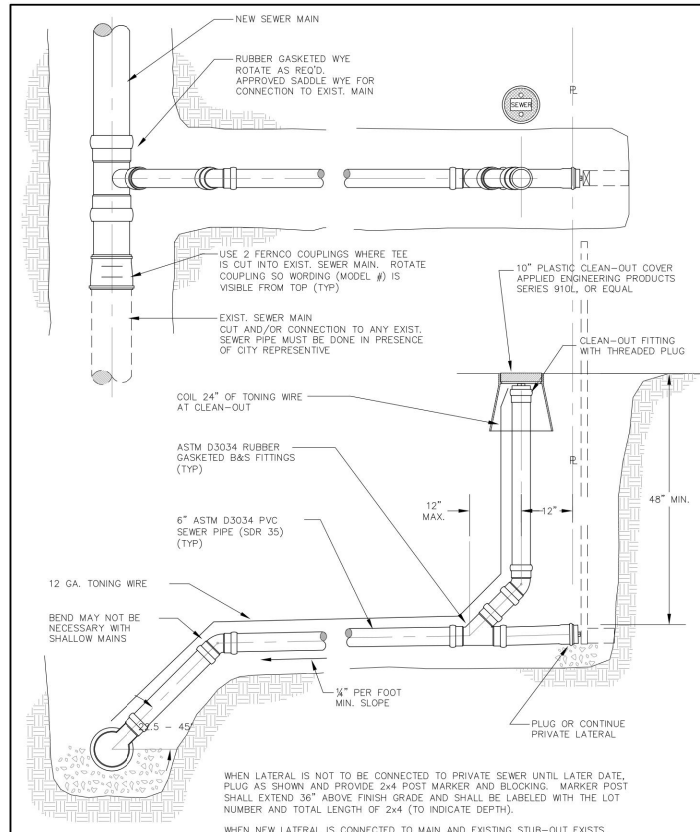
MANHOLE ADJUSTMENT RINGS FOR RESURFACING



City of Toledo
260 N Main St.
Toledo, Oregon 97391
(541) 336-2247 Fax: (541) 336-3512

MANHOLE FRAME GRADE ADJUSTMENT

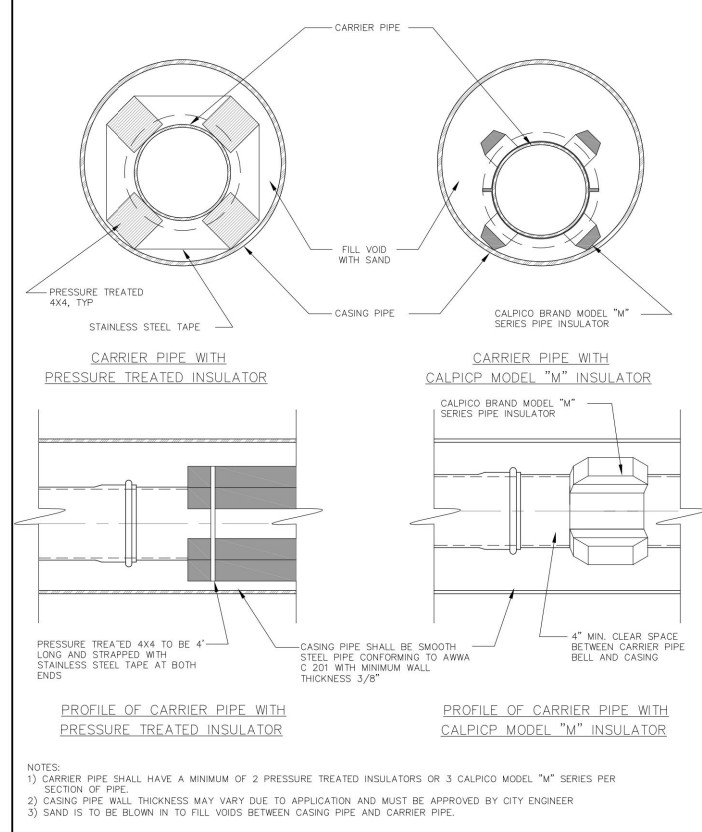
DETAIL NO.
S-260
04/30/2009



City of Toledo
260 N Main St.
Toledo, Oregon 97391
(541) 336-2247 Fax: (541) 336-3512

STANDARD SERVICE CONNECTION AND LATERAL

DETAIL NO.
S-300
04/30/2009



City of Toledo
260 N Main St.
Toledo, Oregon 97391
(541) 336-2247 Fax: (541) 336-3512

TYPICAL PIPE CASING DETAIL

DETAIL NO.
S-400
04/30/2009

NO.	DATE	REVISIONS

PORT OF TOLEDO
PROJECT SITE:
496 NE HWY 20, UNIT 1,
TOLEDO, OR 97123

SHIPYARD - SANITARY SEWER PROJECT

CITY OF TOLEDO STANDARD DETAILS

13467 SW SUMMERWOOD DR.
TIGARD, OR 97225
(503)-333-3470
WALTER L. COOK P.E.

DATE: 12/20/2020
SCALE: NTS
DRAWN BY: MJJ
SHEET NO:

PROJ. NO.: XXX
CHECKED BY: WLC

CD02
17 OF 17

BID SET
12/21/2020

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