ONSITE SANITATION City of Portland – Bureau of Development Services
1900 SW 4th Avenue, Portland, Oregon 97201 – 503-823-7300 – septic@portlandoregon.gov

SEPTIC REVIEW CERTIFICATION

A signed Septic Review Certification from the City of Portland / Multnomah County Septic Sanitarian is required for proposed development, any change in use, and the creation of a new parcel or property line adjustment.

Permit No. 24-052315-SE

Date 7/25/24

STEP 1- Complete the following:

Address of Proposed Work: 36800 SE Lusted Rd Boring OR 97009

Property Map & Tax Lot #: 1S4E23C-~~01400~~ 01500 Alternate Acct #: R R237225

Description of proposed work for this Septic Planning Review
Temporary permit for onsite construction administration office trailers at the Filtration Facility site

Change in number of bedrooms? ☐ Yes ☑ No # existing bedrooms 0 # bedrooms at completion 0

Applicant's Name Robert Fraley

Applicant E-mail Robert.Fraley@portlandoregon.gov Phone 503-319-9207

STEP 2- Submit: This form with all required submittals listed on page 2. Separate properties require individual applications. Refer to the current Septic Evaluation Application for fees.

Submit complete Septic Review Certification submittal package via:

- E-mail septic@portlandoregon.gov. Information will be provided to make payment online. - OR -
- Mail completed submittal package and check **payable to City of Portland** to:
  City of Portland, BDS, Site Development, 1900 SW 4th Ave., Portland, OR 97201

STEP 3- Review: After submittal and payment, allow up to 20 business days for plan review

STEP 4- Site Visit: Sanitarian will contact you with any questions and/or site visit requirements

STEP 5- Sign Off: Based on present knowledge of the area and current regulations of the State of Oregon Department of Environmental Quality (DEQ), the Sanitarian hereby finds that the above proposal is:

☐ Approved – will not impact the existing system. The following is **REQUIRED** prior to Building Permit issuance:

☐ Septic Installation Permit ☐ Authorization Notice

Conditions/Comments: Proposed portable septic holding tank for temporary trailer office with restrooms meets requirements of OAR 340-071-0340(5) provided tanks are marked with name & phone number of licensed sewage disposal service responsible for maintaining the tanks & have a secure,watertight connection to the building sewer pipe. Signed pumping contract with DEQ-licensed pumper received. Placement of temporary trailer office does not impact neighboring septic systems as shown on included site plan. No site visit.

Lindsey Reschke 7/25/24

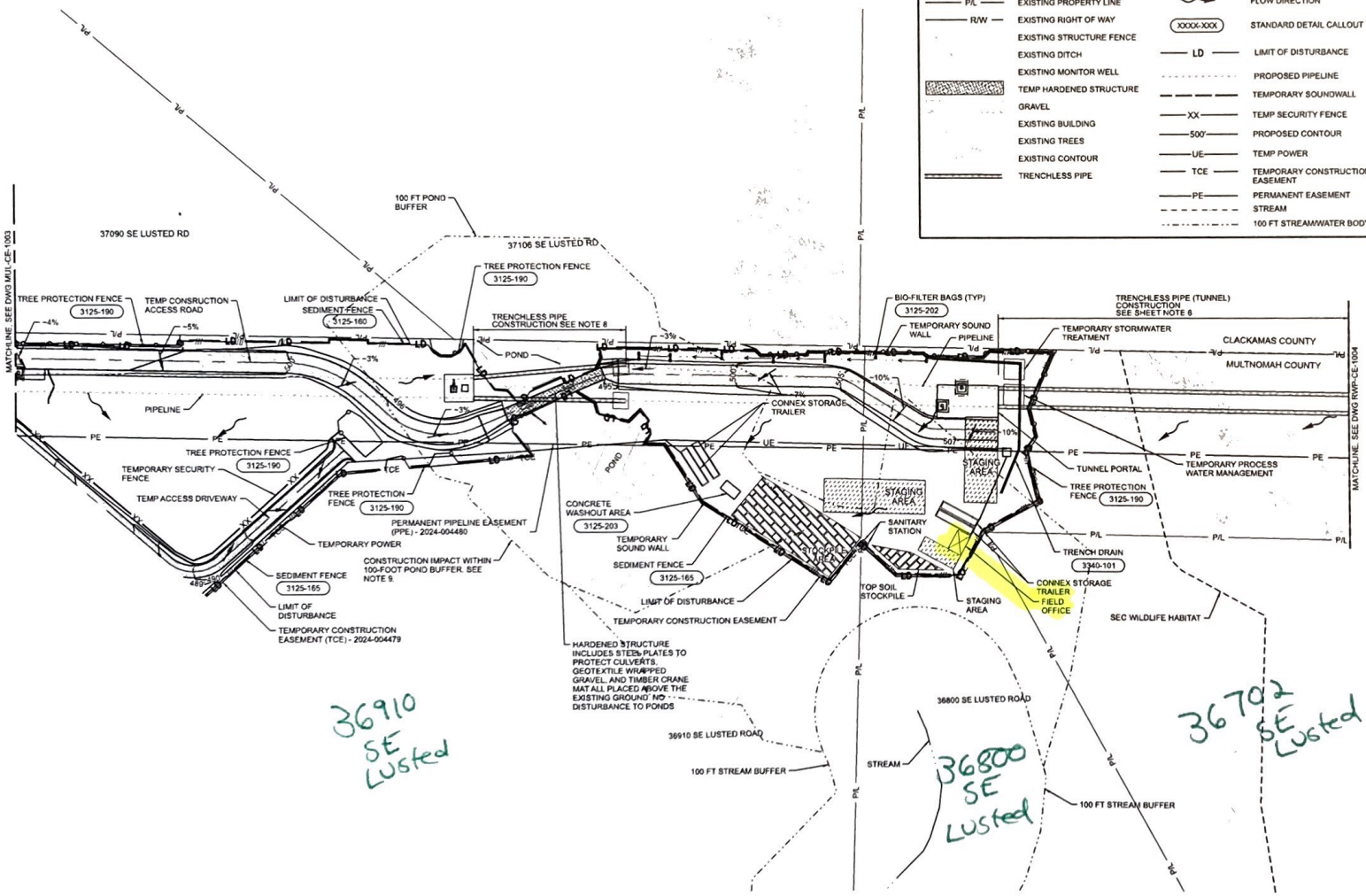
Multnomah County Sanitarian *Date*

STEP 6- Return: to Multnomah County Land Use Planning with this signed form and site plan (floor plans if applicable)

See page 2 for requirements

24-052315-SE

UTILITY WORK



LEGEND

SIGNIFICANT ENVIRONMENTAL CONCERN (SEC)	SEDIMENT FENCE
COUNTY LINE	TREE PROTECTION FENCE
EXISTING PROPERTY LINE	FLOW DIRECTION
EXISTING RIGHT OF WAY	STANDARD DETAIL CALLOUT
EXISTING STRUCTURE FENCE	LIMIT OF DISTURBANCE
EXISTING DITCH	PROPOSED PIPELINE
EXISTING MONITOR WELL	TEMPORARY SOUNDWALL
TEMP HARDENED STRUCTURE	TEMP SECURITY FENCE
GRAVEL	PROPOSED CONTOUR
EXISTING BUILDING	TEMP POWER
EXISTING TREES	TEMPORARY CONSTRUCTION EASEMENT
EXISTING CONTOUR	PERMANENT EASEMENT
TRENCHLESS PIPE	STREAM
	100 FT STREAM/WATER BODY BUFFER

GENERAL SHEET NOTES

1. REFER TO EROSION AND SEDIMENT CONTROLS NOTES, SHEET ESC-004
2. PROTECT ALL EXISTING STRUCTURES AND TREES NOT SHOWN FOR DEMOLITION.
3. REMOVE AND REPLACE ROADWAY PAVEMENT WITHIN LIMITS OF DISTURBANCE TO MATCH EXISTING LINE AND GRADE.
4. CONTRACTOR TO RE-GRADE DISTURBANCE AREA FROM PIPELINE CONSTRUCTION TO MATCH EXISTING GRADE, WHERE NOT OTHERWISE SHOWN ON DRAWINGS.
5. ALL DISTURBANCE AREA NOT RECEIVING PAVEMENT OR GRAVEL, UNLESS OTHERWISE SHOWN, SHALL BE RESTORED WITH GRASS SEEDING. SLOPES STEEPER THAN 3:1 SHALL BE RESTORED WITH GRASS SEEDING AND PERMANENT EROSION CONTROL BLANKETS AS SPECIFIED AND PER DETAIL 3125-152, SHEET ESC-201
6. TWO EACH 9' DIAMETER 1240' LONG PARALLEL TUNNELS WITH 9' OF SEPARATION BETWEEN TUNNELS WILL BE EXCAVATED FROM A PORTAL SHAFT WITH INVERT 33' BELOW GROUND SURFACE AT THE START OF THE TUNNEL AND 232' BELOW GROUND SURFACE AT THE END OF THE TUNNEL. DEEP VERTICAL SHAFT THE TUNNEL EXCAVATION OPENING WILL BE CONTINUOUSLY SUPPORTED BY STEEL SETS AND LAGGING INSTALLED IMMEDIATELY FOLLOWING THE EXCAVATION SHIELD TO MINIMIZE CONVERGENCE.
7. CONTOURS DISPLAYED AND LABELED EVERY 5FT
8. TRENCHLESS PIPES HAVE 6 TO 12 FT OF COVER. NO SURFACE DISTURBANCE OR TREE DISTURBANCE FROM THE PIPES.
9. EROSION CONTROL BMPS HAVE BEEN DESIGNED TO REDUCE THE CONSTRUCTION PHASE SEDIMENT LOAD WITHIN THE 100-FOOT POND BUFFER TO LESS THAN 1 TON PER ACRE PER YEAR. BMPS INCLUDE SEDIMENT FENCE AND STRAW WATTLES.

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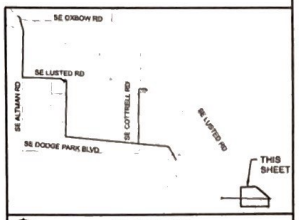
Scale In Feet



KEYPLAN

11 W02563_RWP-CE-1003.dgn
21-MAY-2024 18:05

No.	Date	Description	Appd
		Revision	
Survey			

ISSUED FOR CONFORMED SET ONLY

FOR STAMPED DESIGN PLEASE REFER TO JUNE 6, 2023 100% FINAL DESIGN PACKAGE

Designed By
Drawn By
Checked By
Project Mgr
Program Mgr: DH
Const Mgr: BN
CMH Eng Mgr: JB
Date: 9/29/23

WARNING
0 1"
If this bar does not measure 1" then the drawing is not to scale

PORTLAND WATER BUREAU
FROM FOREST TO FAUCET

KENNETH M. ACKERMAN PRINCIPAL ENGINEER PE #19424 Date

Bull Run Filtration Pipelines
RAW WATER PIPELINE EROSION AND SED CONTROL
UTILITY WORK 1
GRID 2

BAP Project No: W02563
UM Section
Sheet No: RWP-CE-1003

REUSE OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, WAS PREPARED BY JACOBS SOLELY FOR THE PURPOSE OF THIS PROJECT AND DESIGN CRITERIA. JACOBS IS RELEASED FROM ANY AND ALL LIABILITY (OR ANY RISK) ARISING OUT OF OR RELATING TO THE RE USE OF THE DOCUMENTS IN WHOLE OR IN PART FOR ANY OTHER PROJECT OR EXTENSIONS OF THIS PROJECT

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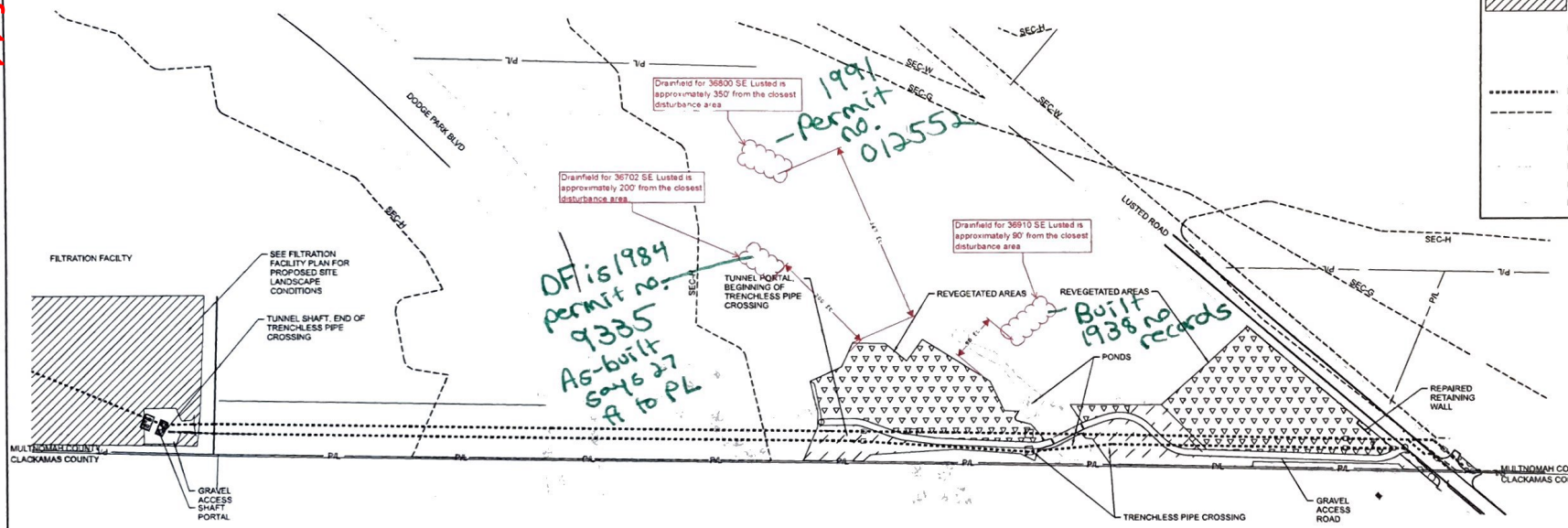
24-052315-SE

GENERAL SHEET NOTES

1. ALL WORK AREAS RESTORED TO EXISTING GRADE
2. REFER TO SEC RW-01 (APPENDIX A.3) FOR DETAILS FOR SEC WORK
3. SEE SHEET GEN-L-061 FOR PLANT SCHEDULE AND SPEC 32 92 00 FOR SEEDING INFORMATION.

LEGEND

- PASTURE SEEDING
- FOREST UNDERSTORY MIX Native shrub planting and seeded groundcover
- INTERIM GRASS SEEDING Filtration Facility project will replace with native groundcover seeding and screening shrubs
- EXISTING STRUCTURES
- CONTOURS
- PIPELINE
- SEC ZONE
- CONIFEROUS TREE
- DECIDUOUS TREE
- EASEMENT
- PROPERTY LINE
- RIGHT OF WAY



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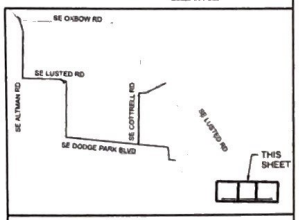
Scale in Feet



KEYPLAN

Septic locations based on inspection records and site walk with property owners

BJK 4/28/23

No	Date	Description	Appd
		Revision	
Survey			

PRELIMINARY NOT FOR CONSTRUCTION

Designed By | Drawn By | Checked By | Project Mgr | Program Mgr | Const Mgr | Const Supvr | Date 6/30/22

WARNING
0 1"
If this bar does not measure 1" then the drawing is not to scale

PORTLAND WATER BUREAU
FROM FOREST TO FAUCET

XXX XXX Date
XXX XXX Date

Bull Run Filtration Pipelines

RAW WATER PIPELINE

PROPOSED CONDITIONS PLAN
GRID 1,GRID 2, GRID 3

SAP Project No. W02563
Tx Section 3967
Sheet No. LU-200

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24-052315-SE

MWHKiewit
A JOINT VENTURE

TIER 3 SUBCONTRACT

Subcontract No.: 23016-S-14

This Tier 3 Subcontract Agreement is effective as of **March 15, 2024** by and between **MWH-Kiewit JV a Joint Venture** with its primary offices located at 8001 Arista Place, Suite 500, Broomfield, CO 80021 (Contractor)

Project Manager: John Kolkman
Phone: 720 547 5400
Email: John.Kolkman@mwhconstructors.com

and

American Sani-Can located at 7315 NE 27th Ave, Portland OR 97211 (Subcontractor)

Authorized Representative: Brittany Walsh
Phone: (503) 252-0550
Email: brittany@americansanican.com
EIN #: 83-3158259

for services in connection with the Subcontract Work for the **Bull Run Filtration Facility Project** (Project).

Whereas **the City of Portland** (Owner) entered into a contract dated September 1, 2023, with Contractor (the "Prime Contract") for construction of the above referenced Project. The Engineer is Stantec Consulting Services.

Now, therefore, in consideration of the mutual promises and conditions set forth in this Subcontract, the Parties hereto do hereby agree as follows:

1. **SUBCONTRACT DOCUMENTS** "Agreement" means this Subcontract Agreement Between Contractor and Subcontractor, as modified by the Parties, and exhibits and attachments made part of this agreement upon its execution.

   1.1. The Agreement exhibits are as follows:

Exhibit A	General Conditions, dated April 15, 2022
Exhibit A-1	Insurance Specifications, dated November 7, 2022
Exhibit B	Supplemental Conditions, dated September 29, 2023
Exhibit C	Scope of Work, dated December 14, 2023
Exhibit D	Quantities & Pricing, dated December 14, 2023
Exhibit E	Prime Contract
Exhibit F	City of Portland Documents and MWH-Kiewit Project Plans and Manuals
Exhibit G	Standard Forms

   Subcontractor acknowledges it has received access to the Prime Contract, City of Portland Documents, and MWH-Kiewit Project Plans and Manuals, as shown on Exhibit E and F, from the following:
   01 BRFF Prime Contract Documents
   02 BRFF Project Plans and Manuals
   03 BRFF City of Portland Documents

2. **TOTAL ESTIMATED SUBCONTRACT PRICE** As full compensation for performance of this Agreement, Contractor agrees to pay Subcontractor in current funds for the satisfactory performance of the Subcontract Work subject to all applicable provisions of this Agreement. The **Total Estimated Subcontract Price of One Hundred Fifty-eight Thousand Three Hundred Eight-four and 40/100 ($158,384.40)** is based on the price(s) identified in Exhibit D and incorporated by reference.

3. **TIME OF PAYMENT** Progress payments to Subcontractor for satisfactory performance of the Subcontract Work shall be made within thirty (30) days of Contractor's receipt of a non-disputed invoice or with ten (10) days of Contractor's receipt of payment by Owner, whichever is first. Subcontractor shall submit all invoices for payment electronically to: AP.MWHKiewitJV@mwhconstructors.com

4. **RETAINAGE** ☐ **applicable** ☒ **not applicable**

   If applicable, Retainage shall be withheld in the amount of zero percent (0%), equal to the percentage retained from Subcontractor's payment by Owner for the Subcontract Work. If the Subcontract Work is satisfactory and the Prime Contract provides for reduction of retainage, Subcontractor's retainage shall also be reduced when Constructor's retainage of the Subcontract Work has been so reduced by Owner.

5. **TAX EXEMPT** ☐ applicable ☒ not applicable

   If applicable, a tax-exempt certificate for construction and building materials to be incorporated in this Project will be attached to Exhibit D.

6. **PERFORMANCE AND PAYMENT BONDS** ☐ **required** ☒ **not required**

   If required, the penal sum of the Performance and Payment (P&P) Bonds shall be in the full Agreement amount and in the form attached and incorporated in Exhibit G. Subcontractor shall furnish the P&P Bonds within fifteen (15) Days of the Effective Date of this Agreement, but no later than commencement of Work.

7. **JOBSITE ADDRESS** Contractor's jobsite location and mailing address is:

LOCATION	MAILING ADDRESS
54321 SE Carpenter Lane	P.O. Box 99
Gresham, OR 97080	Boring, OR 97009-0099

8. **EXTENT OF AGREEMENT** This Agreement represents the entire and integrated agreement between the Parties, and supersedes all prior negotiations, representations, or agreements, either written or oral. Neither Contractor and Subcontractor shall be bound by or be liable for any statement, representation, promise, inducement or understanding not set forth herein.

The undersigned on behalf of Subcontractor represents they are an authorized representative of Subcontractor and can commit to all representations, warranties, and terms and conditions set forth herein.

Contractor:		Subcontractor:	
MWH-Kiewit JV a Joint Venture		**American Sani-Can**	
Authorized Signature	DocuSigned by: John Kolkman E9AC07A623A44D5...	*Authorized Signature*	DocuSigned by: Brittany Walsh AP70D3DB8F93400...
Print Name	John Kolkman	*Print Name*	Brittany Walsh
Print Title	Project Manager	*Print Title*	Operations Manager
Date	3/25/2024	*Date*	3/20/2024
Oregon CCB	230673	*Oregon CCB*	N/A

DS LP

DS JS

MWH-KIEWIT JV A JOINT VENTURE

EXHIBIT D - QUANTITIES & PRICING OF THE TIER 3 SUBCCONTRACT FOR THE BULL RUN FILTRATION FACILITY PROJECT

1. SCHEDULE OF PRICES

Payment by **MWH-Kiewit JV a Joint venture** ('Contractor") to **American Sani-can** ("Subcontractor") of the prices set forth below shall constitute full payment for performance of the corresponding Work and shall cover all costs of whatever nature incurred by Subcontractor in performing the Subcontract Work in accordance with the provisions of this Subcontract No. **23016-S-14**. The prices shall be fixed for the duration of the Subcontract Work, unless expressly indicated otherwise herein.

Item No.	Description	Est Qty	Units	Unit Price	Unit Price
1.	Standard Restroom (weekly service)	625	Month	$135.00	$84,375.00
2.	ADA restroom (weekly service)	62	Month	$223.70	$13,869.40
3.	Handwashing Stations (weekly service)	125	Month	$185.00	$23,125.00
4.	Delivery per trip	313	EA	$100.00	$31,300.00
5.	500gal Tank Pump Out	6,350	Gal	$0.90	$5,715.00
				Estimated Subcontract Total	$158,384.40

2. ADDITIONAL COMPENSATION TERMS

2.1. Prices good through 12/31/2025. 2.5% escalation allowed thereafter.

2.2. Price list for additional services if requested by Contractor

- 2.2.1. Twice a week service of Item 1 Standard Restroom: $199.45/Month
- 2.2.2. Twice a week service of Item 2 ADA Restroom: $298.70/Month
- 2.2.3. Twice a week service of Item 3 Handwashing Stations: $245.00/Month
- 2.2.4. Sling Unit (weekly Service): $163.75/Month
- 2.2.5. Twice a week Service of Sling Unit: $228.50

3. QUANTITIES

Subcontractor understands that Contractor makes no commitments or guarantees as to the total amount or final value of the Work to be performed hereunder. Payment under this Subcontract shall be made on the basis of the actual quantity of Work performed by Subcontractor (excluding any rework).

4. TIME AND MATERIAL (T&M) WORK

If any Work under this Subcontract is performed on a T&M Basis, Subcontractor shall submit daily or weekly (at Contractor's sole option) T&M tickets to Contractor in a form acceptable to Contractor and signed by Subcontractor's authorized representative, or their designee. Receipt of such tickets is a condition precedent to payment for all Work payable on a T&M basis. At a minimum, the T&M tickets shall list all labor, equipment and material employed in performance of the T&M Work each day.

5. APPLICATION FOR PAYMENT

5.1. Subcontractor shall submit each application for payment to Contractor electronically in the form of a single PDF with all applicable documentation in the PDF file to the email address provided in the Subcontract.

MWH-KIEWIT JV A JOINT VENTURE

EXHIBIT D - QUANTITIES & PRICING OF THE TIER 3 SUBCCONTRACT FOR THE S-14 PORTABLE TOILETS BULL RUN FILTRATION FACILITY PROJECT

1. SCHEDULE OF PRICES

Payment by **MWH-Kiewit JV a Joint venture** ('Contractor") to **American Sani-can** ("Subcontractor") of the prices set forth below shall constitute full payment for performance of the corresponding Work and shall cover all costs of whatever nature incurred by Subcontractor in performing the Subcontract Work in accordance with the provisions of this Subcontract No. **23016-S-14**. The prices shall be fixed for the duration of the Subcontract Work, unless expressly indicated otherwise herein.

Item No.	Description	Est Qty	Units	Unit Price	Unit Price
1.	Standard Restroom (weekly service)	625	Month	$135.00	$84,375.00
2.	ADA restroom (weekly service)	62	Month	$223.70	$13,869.40
3.	Handwashing Stations (weekly service)	125	Month	$185.00	$23,125.00
4.	Delivery per trip	313	EA	$100.00	$31,300.00
5.	500gal Tank Pump Out	6,350	Gal	$0.90	$5,715.00
				Estimated Subcontract Total	$158,384.40

2. ADDITIONAL COMPENSATION TERMS

2.1. Prices good through 12/31/2025. 2.5% escalation allowed thereafter.

2.2. Price list for additional services if requested by Contractor

- 2.2.1. Twice a week service of Item 1 Standard Restroom: $199.45/Month
- 2.2.2. Twice a week service of Item 2 ADA Restroom: $298.70/Month
- 2.2.3. Twice a week service of Item 3 Handwashing Stations: $245.00/Month
- 2.2.4. Sling Unit (weekly Service): $163.75/Month
- 2.2.5. Twice a week Service of Sling Unit: $228.50/Month

3. QUANTITIES

Subcontractor understands that Contractor makes no commitments or guarantees as to the total amount or final value of the Work to be performed hereunder. Payment under this Subcontract shall be made on the basis of the actual quantity of Work performed by Subcontractor (excluding any rework).

4. TIME AND MATERIAL (T&M) WORK

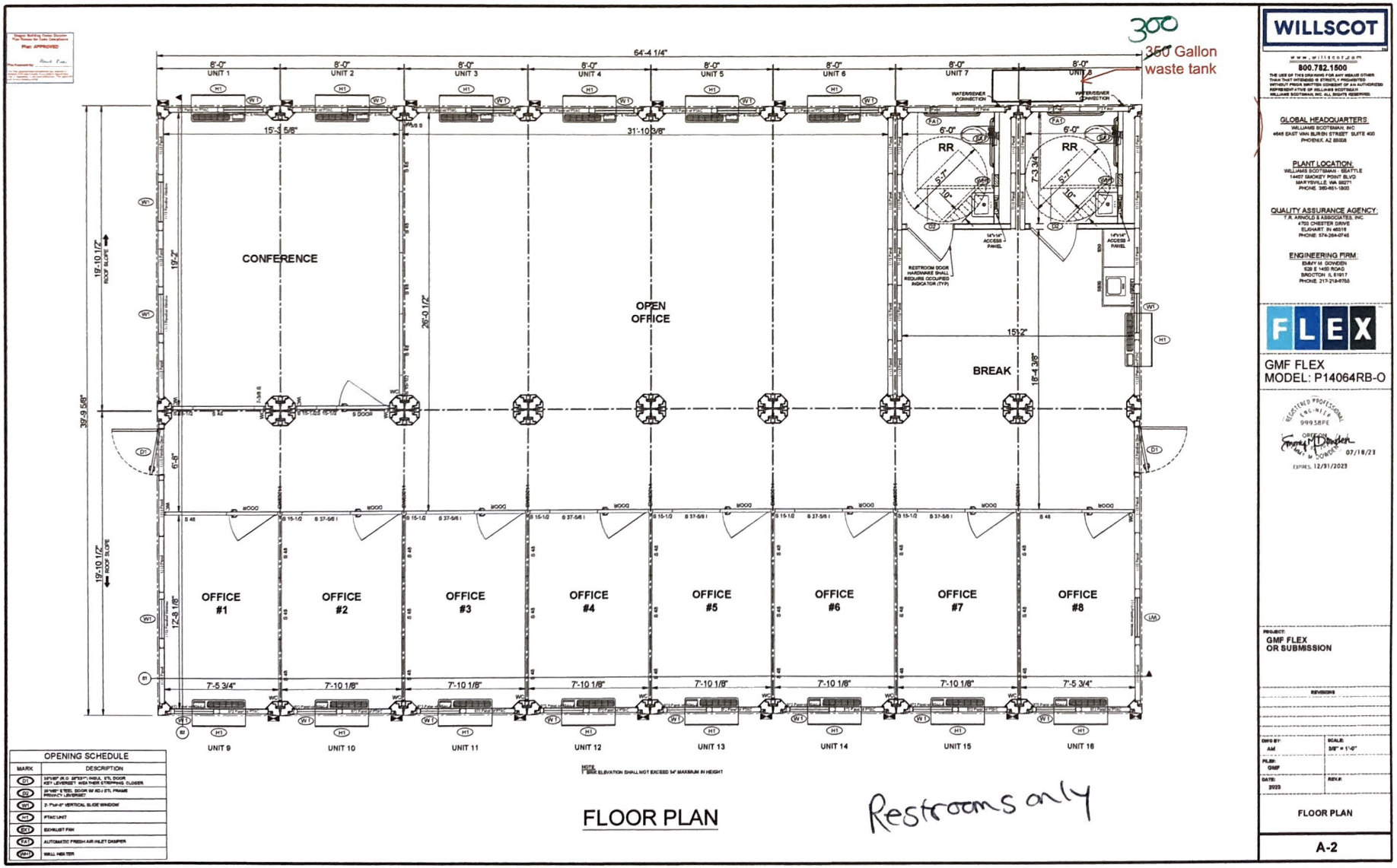
If any Work under this Subcontract is performed on a T&M Basis, Subcontractor shall submit daily or weekly (at Contractor's sole option) T&M tickets to Contractor in a form acceptable to Contractor and signed by Subcontractor's authorized representative, or their designee. Receipt of such tickets is a condition precedent to payment for all Work payable on a T&M basis. At a minimum, the T&M tickets shall list all labor, equipment and material employed in performance of the T&M Work each day.

5. APPLICATION FOR PAYMENT

5.1. Subcontractor shall submit each application for payment to Contractor electronically in the form of a single PDF with all applicable documentation in the PDF file to the email address provided in the Subcontract.

24-052315-SE

23-6997D



07/19/2023

24-052315-SE

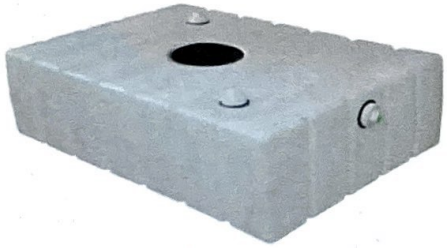
300 GAL

The 300 gallon tank uses 3" Fernco-style couplings at any of eight recessed port locations. It has three locations for optional 10" manways. The indented sides of this tank allow it to sit between and over the wheel wells of a standard pickup bed.

Specifications

Height - 16.35"
Width - 60"
Depth - 95"
Freshwater - 300 gal
Color - Dark Gray & Natural
Weight - 136.3 lbs

250 GAL



Satellite | PolyPortables' 250-gallon rotationally-molded polyethylene holding tank works well in many applications. The low-profile tank has dimensions of: 6' x 3' x 18". One 10" manway and four 3" clean-out ports are typically installed on each tank, but custom tanks with as few as two ports may be produced. A uni-seal grommet and threaded PVC connector are inserted in each port.

Specifications

Height - 18"
Width - 47.5"
Depth - 72"
Freshwater - 250 gal
Color - Natural
Weight - 100 lbs

250 GAL

Satellite | Five Peaks 250-gallon holding tank is fitted with six recessed 3" Fernco-style couplings, one 10" manway installed, and a second location where you can install another 10" manway. The deep channels in the tank add strength and rigidness, allowing multiple tanks to be stacked on top of each other without warping.

Specifications

Height - 17"
Width - 46"
Depth - 92"
Freshwater - 250 gal
Color - Gray
Weight - 129 lbs

24-052315-SE

(2) Operations and maintenance. At all times the holding tank is being used, the tank's owner must maintain a service contract with a sewage disposal service licensed under OAR 340-071-0600 to provide for regularly inspecting and pumping the holding tank.

(3) Design and construction requirements. Except as provided in section (5) of this rule, holding tanks must comply with the following requirements:

(a) Plans and specifications for each holding tank proposed to be installed must be submitted to the agent for review and approval.

(b) Each tank must:

(A) Have a minimum liquid capacity of 1,500 gallons;

(B) Comply with tank standards in OAR 340-073-0025;

(C) Be located and designed to facilitate removal of contents by pumping

(D) Be equipped with both an audible and a visual alarm placed in locations acceptable to the agent to indicate when the tank is 75 percent full. Only the audible alarm may be user cancelable;

(E) Have no overflow vent at an elevation lower than the overflow level of the lowest fixture served; and

(F) Be designed for antibuoyancy if test hole examination or other observations indicate seasonally high groundwater may float the tank when empty.

(4) Special requirements. The application for a holding tank permit must include:

(a) A copy of a contract with a licensed sewage disposal service that requires the tank to be pumped periodically at regular intervals or as needed and the contents treated in a manner and at a facility the agent approves; and

(b) Evidence that the owner or operator of the proposed treatment facility will accept the pumpings for treatment.

(5) Portable holding tanks may be temporarily placed at sites having limited duration events such as county fairs or construction projects or at temporary restaurants if the following requirements are met:

- owned by Sani-Can

(a) The tanks must be owned and serviced by a licensed sewage disposal service with sewage pumping equipment having a 550-gallon or larger tank and meeting all other requirements in OAR 340-071-0600(11). DEQ License # 37615 exp 6/30/25

(b) Tank placement and use must comply with all local planning, building, and health requirements.

✓(c) Only domestic sewage may be discharged into the tank. restrooms only

(d) The tank must be maintained in a sanitary manner to prevent a health hazard or nuisance.

(e) The tank must not be buried.

(f) A person may not use the tank to serve a dwelling, recreation vehicle, or any other structure having sleeping accommodations, except that a portable holding tank may be used temporarily to serve a contractor's job shack or night watchman's trailer.

(g) The tank must meet the following standards:

✓(A) The tank must be watertight with no overflow vent lower than the overflow level of the lowest fixture served.

✓(B) Tank capacity may not exceed 1,000 gallons unless otherwise authorized by the agent. 300 gal

✓(C) The tank must be structurally sound and made of durable, noncorrosive materials.

✓(D) The tank must be designed and constructed to provide a secure, watertight connection of the building sewer pipe. fernco style couplings provided

(E) The tank must be marked with the name and phone number of the licensed sewage disposal service responsible for maintaining the tank.

Stat. Auth.: ORS 454.625 & 468.020
Stats. Implemented: ORS 454.615 & 454.775
Hist.: DEQ 10-1981, f. & ef. 3-20-81; DEQ 5-1982, f. & ef. 3-9-82; DEQ 27-1994, f. 11-15-94, cert. ef. 4-1-95; DEQ 12-1997, f. & cert. ef. 6-19-97; DEQ 13-1997(Temp), f. & cert. ef. 6-23-97; DEQ 11-2004, f. 12-22-04, cert. ef. 3-1-05; DEQ 14-2013, f. 12-20-13, cert. ef. 1-2-14

340-071-0345

Alternative Treatment Technologies (ATTs)

(1) Criteria for approval. Construction-installation permits may be issued for onsite systems incorporating alternative treatment technologies (ATTs) for single family dwellings and commercial facilities if the following criteria are met: