



# SRHD LW Program Updates/Review

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*Liquid Waste Program  
Environmental Health Specialist III*

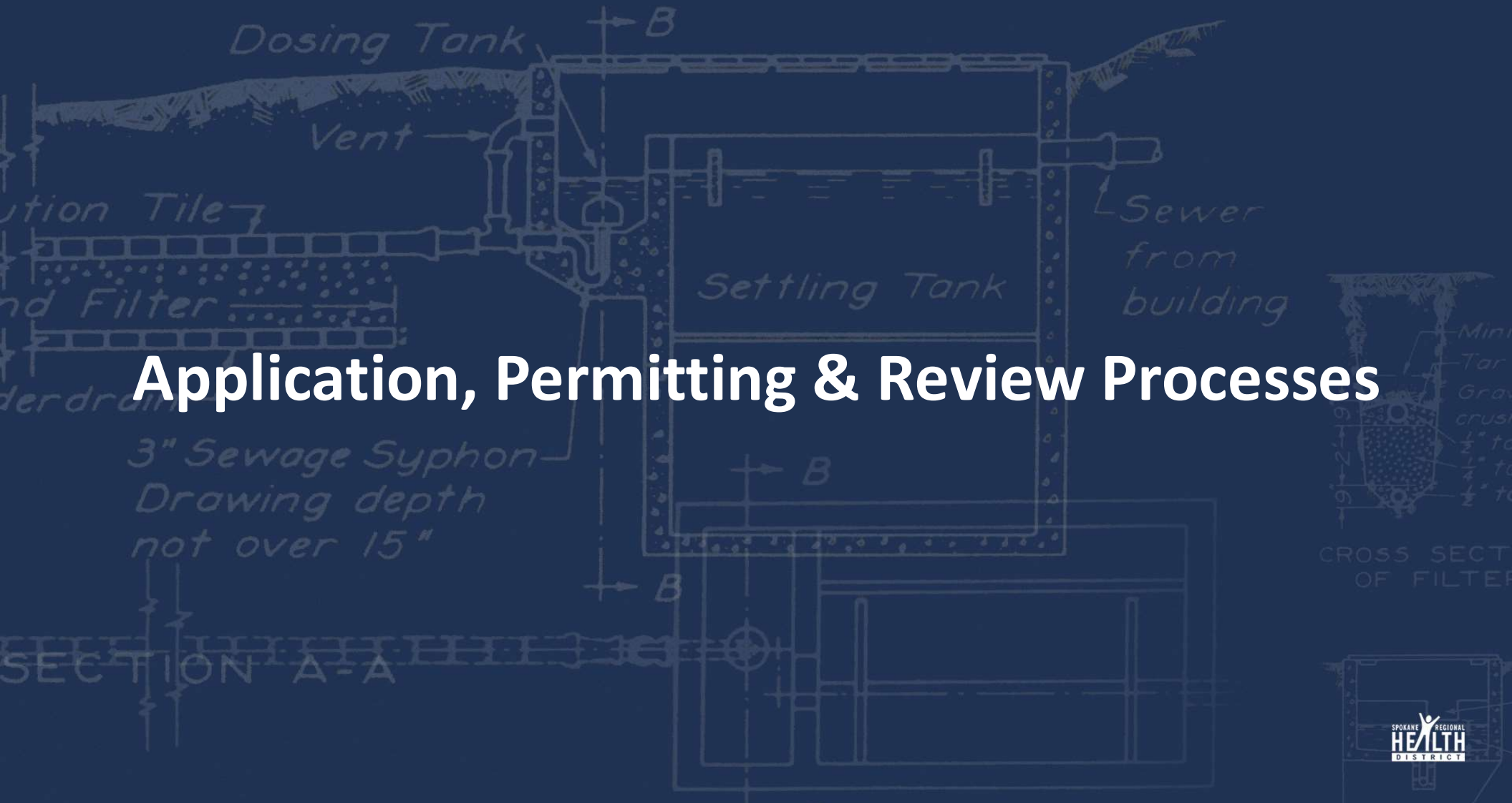
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# Agenda

- Application & Permitting Updates
- Test Hole Safety
- Waiver Reminders
- Engineer/Designer Reminders
- Installer Reminders
- SRHD O&M Program

# Application, Permitting & Review Processes





# Correspondence and Document Submittal

All correspondence and documents must be submitted to

[liquidwaste@srhd.org](mailto:liquidwaste@srhd.org)

# Change of Ownership

- Change of Ownership Requirement
  - Updated new application
  - Correct contacts
  - \$90 change of ownership fee

- To ensure:
  - Accurate records and contact information
  - Permission to access property



# “Building Sewer” Lines

- Sewer lines from interior plumbing of one structure to another
  - No SRHD Permit required
  - Not within our jurisdiction
- Building sewer/transport line minor repairs
  - No permit required, but still required to be installed by SRHD licensed installer or homeowner
- Completion of Building Sewer connections
- REMINDER – SRHD’s jurisdiction starts 2’ outside the building foundation
- Check with local building codes for requirements within 2’ of the foundation
- SRHD Installer License does not cover installing components within 2’ of foundation

# Replacement Systems

- Replacement systems when previously approved design...
  - Requires full design submittal
  - Using old, approved design
    - Confirm conditions of original approval apply to current WAC
    - Test hole data must be included
- Verify any changes to lot haven't affected proposed OSS
  - Horizontal setbacks
  - Reserve area
- Reusing test hole data is acceptable
  - Must be in the same area

# Test Hole Safety






# Test Pit Construction & Safety

- Safety - Test Pit / Test Hole Construction
  - Test Pit/Test Hole Construction
- SRHD will not require test holes > 6' to be left open
- Test holes > 6' are to follow L&I requirements

WAC 296-155-657

 Liquid Waste Program  
**Test Pit/Test Hole Construction**


Safety and soil characterization are both important when constructing a test pit for an on-site sewage system soil review. The three test pit options in this guidance will meet the Washington State Labor and Industries (L&I) safety requirements in Chapter 296-155 WAC. The three options can be used for all soil types listed in On-Site Sewage Systems Chapter 246-272A WAC and Chapter 246-272B WAC except as noted below. Local Health Jurisdictions may have more specific guidance for their local area. The reviewing agency should be consulted before test pits are constructed.

### Test Pit Construction

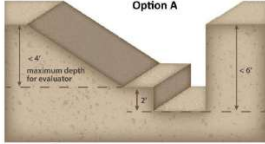
- Call 811 to locate underground utilities prior to digging.
- All test pits must be evaluated for stability by a competent person per WAC 296-155-657. Test pits shall not be entered if deemed unstable.
- Use the least stable soil for evaluating test pit stability when there is a layered soil profile.
- Regardless of soil type, a test pit that shows distress such as fissures or cracks is deemed unstable.
- Benching for test pit stability can only be done in unsaturated soils with greater than 15% fines (silt and clay). This means some DOH Type 1, Type 2, and Type 3 soils and soils seeping freely may not qualify for Test Pit Option A.
- The three test pit options do not allow an evaluator to enter the test pit to a depth greater than 4 feet. To enter to a depth greater than 4 feet, additional requirements in WAC 296-155-657 must be followed.
- Every test pit must have a ramp that provides for entry and exit into the test pit without the need of aid.
- All spoils must be placed at least 2 feet from the edge of the test pit.
- All equipment within 20 feet of the test pit should be shut down when a person is in the test pit.
- For Large On-site Sewage Systems (LOSS) an excavator must be on site.
- Test pits shall not be left open for an extended period unless properly barricaded per L&I regulation. An example of a properly barricaded test pit is orange construction fencing surrounding the entire test pit and secured by metal fence posts.

**If additional inspections are necessary additional fees will apply**

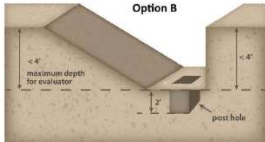
Adapted from content created by Washington State Department of Health.

 Liquid Waste Program  
1101 W. College Ave., Spokane, WA 99201 | 509.324.1560 ext. 1 | srhd.org

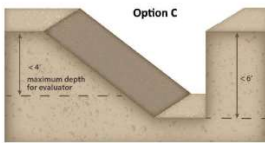
Revised: July 2022



**Option A**



**Option B**



**Option C**

# Designer Reminders

# OSS Failures

- If the existing system has been identified as a failure, designer must evaluate the reason for failure and should include in their design -0280(5)(a)
- SRHD will require completion of failing systems to be completed in a timely manner (3 months) to protect public health
- SRHD will be following up more frequently with applications that have been identified as failures
- Homeowner installation not allowed for Table X repairs (per new code)
  - Or within 100' of surface water (NOTE: also applies to new construction)

# Easements & Restrictive Covenants

- Ensure and verify all easements/restrictive covenants have been identified
- Overhead, underground or other utility easement
  - Verify with utility company if easement exists and include as part of site plan
- If property is part of plat, ensure plat requirements have been identified and addressed
- “Utility” language in an easement does NOT include water lines from a non-public water source or OSS
  - i.e. Crossing roads

## Slide 12

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**LBO**

Reminder that 'utility' language in an easement does not include water lines from a non-public water source OR  
OSS

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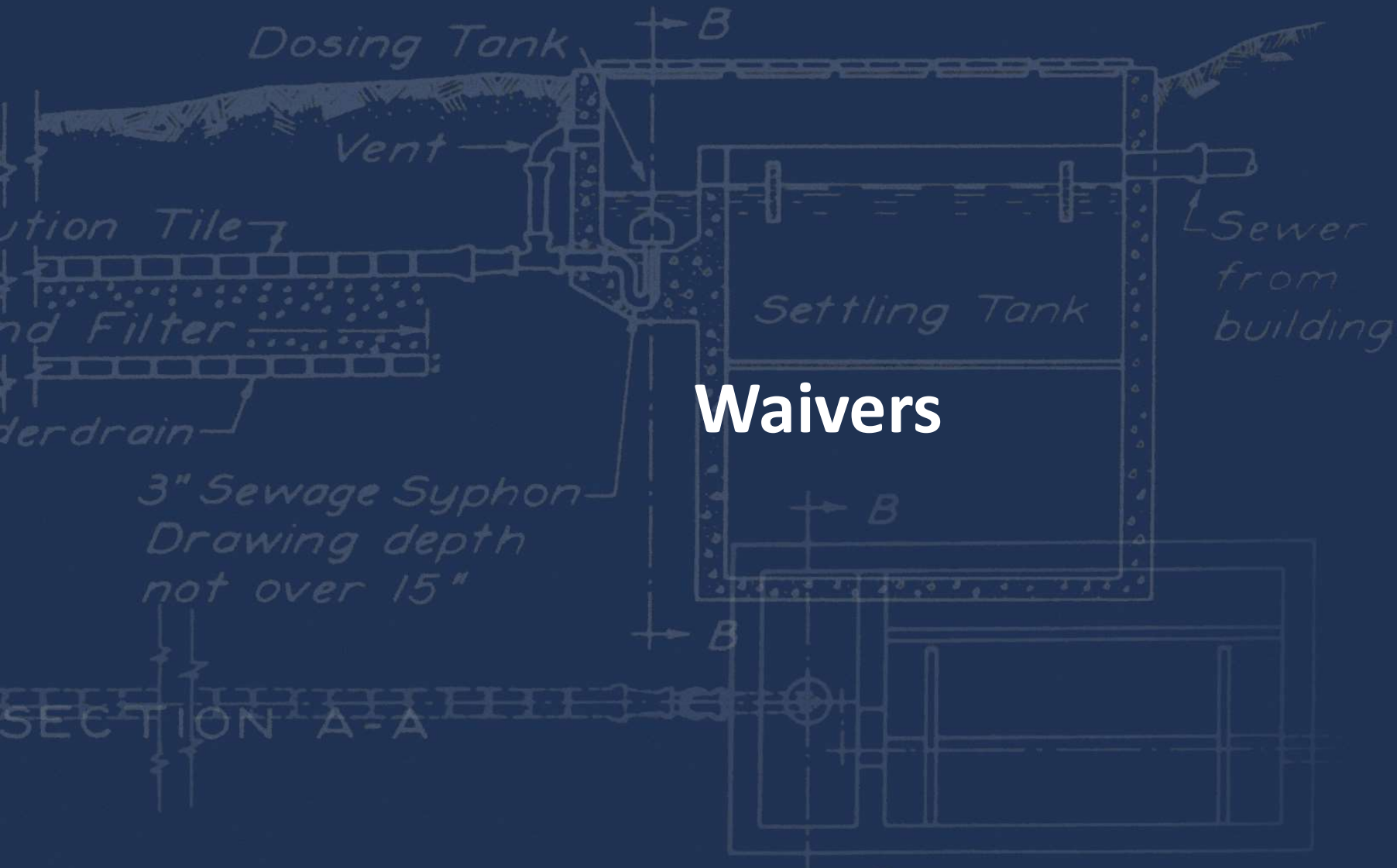
# Septic Tank Spec Sheets

- WADOH approved list
- Tank changes from approved plans to installation need to be with record drawing submittal
  - Including updated spec sheets
  - Labeling make/manufacture and model # on record drawing

# Record Drawing Submittal

- Ensure the licensed installer's name is shown on the record drawing
- Tank changes
- C-33 verification
- Pump/Pressure settings
- Location of buried electrical & control panel
- North Arrow
- Reserve Area
- Test hole location shown with respect to drainfield
- Waiver requirements

# Waivers



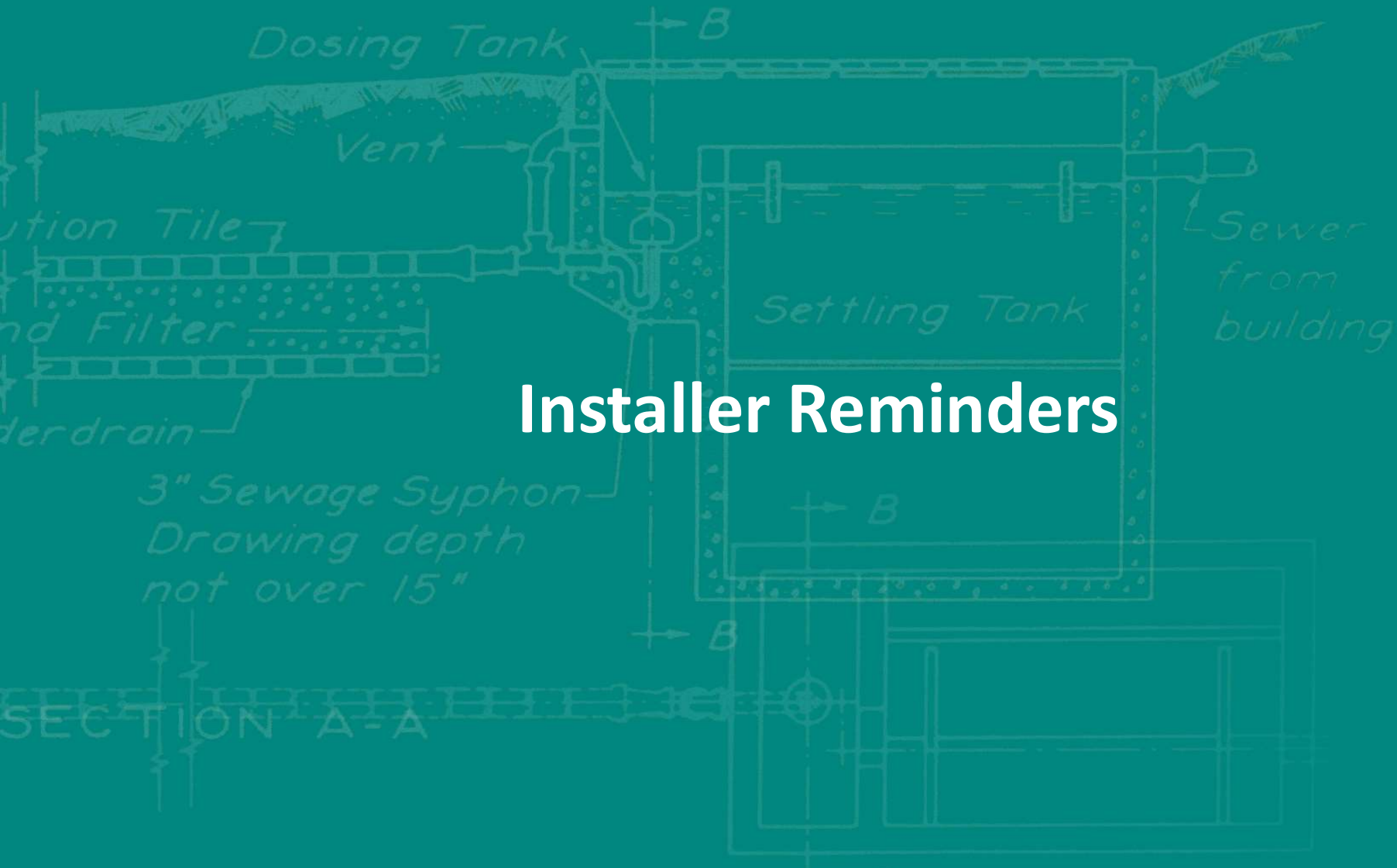
CROSS SECTION OF FILTER



# Waiver Reminders

- Common mistakes on waiver form
  - Correct WAC reference
  - Misspellings i.e. addresses and names
  - Correct parcel number
  - Phone number
  - Ensure signature
- Reasoning under justification section, not just mitigation
- Ensure waiver requirements are included on the record drawing
  - i.e. label the sleeved portion and note the pressure test

# Installer Reminders



CROSS SECTION OF FILTER





# Installer reminders

- Installers license is for an individual, NOT a business
- DO NOT INSTALL W/O PERMIT
  - Verify (physical copy) the installation permit prior to install
- DO NOT BACKFILL W/O APPROVAL
  - SRHD will notify designer of approval
  - Okay to backfill will be given by the designer
- Any changes from approved plans go through OSS design professional
  - Revised design may be required
- Installers should provide the required information to OSS design professionals
  - C-33 sand certificate
  - Pump/pressure settings
  - Tank changes

# SRHD Operation & Maintenance Program

# O&M Program

- Effective date: April 1, 2025 for routine O&M inspections
  - Property Transfer Inspection (PTI), not effective until February 1, 2027
- Types of Inspections
  - Routine vs PTI and how often
- SRHD inspection form
  - Multi-use form
- Engineers and OSS designers will NOT require an O&M license
- Still finalizing our exam and licensing procedure
- License will be for individual, not business (same as installer license)
- Exam based on DOH videos/website
- Passing certificate for WOSSA O&M Level 2 exam recognized
- Reciprocal with Whitman, Lincoln & Northeast Tri Counties

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## Slide 20

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**LBO**

Passing certificate for WOSSA Level 2 exam recognized

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# Questions?

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