

HORIZON RIDGE SUBDIVISION

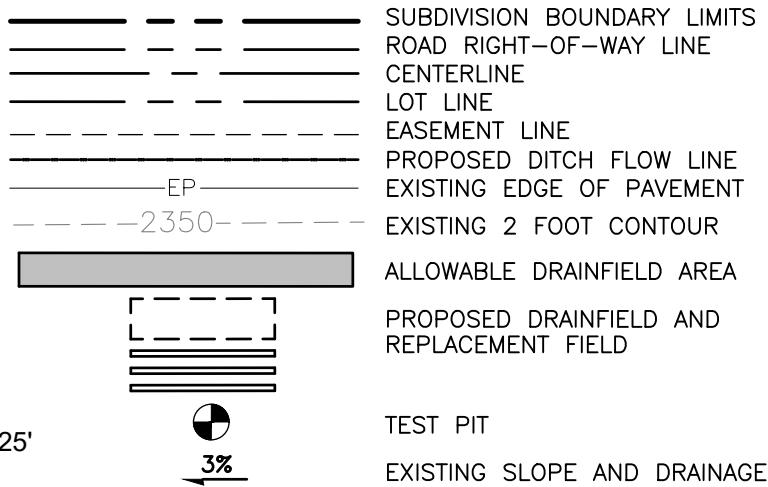
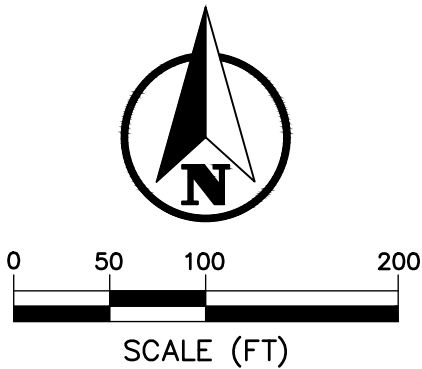
LOT 06
BLOCK 2

CANYON COUNTY, IDAHO

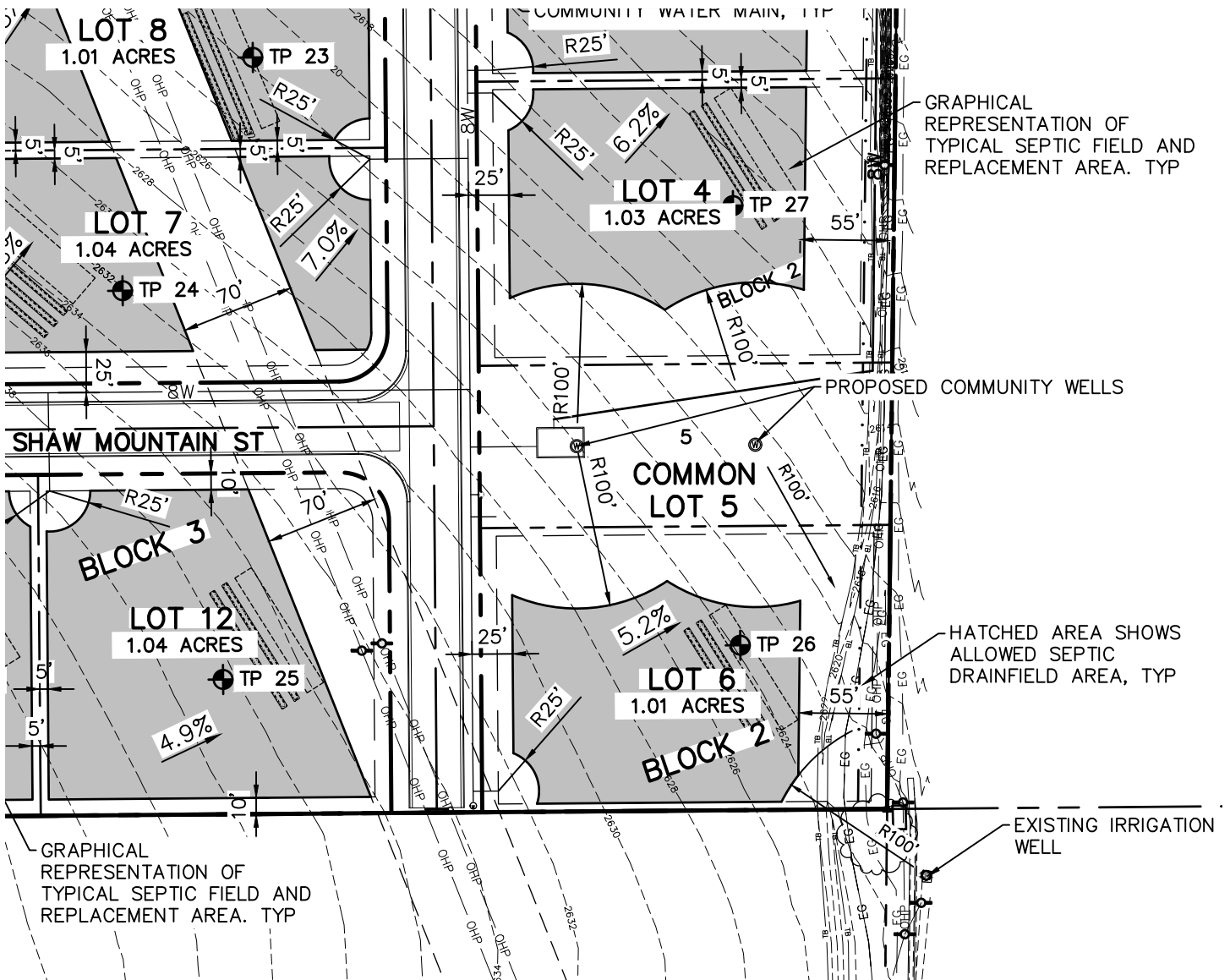
DATE: 11/08/2022

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LEGEND



CONTRACTOR SHALL MAINTAIN A MINIMUM 25' SEPARATION BETWEEN WATER MAINS, SERVICE LINES, AND PROPOSED SEPTIC FIELD



HORIZON RIDGE SUBDIVISION

LOT 06
BLOCK 2

CANYON COUNTY, IDAHO

DATE: 10/20/2022

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LOCATION: LOCATED IN THE NW 1/4 OF THE NW 1/4 OF SECTION 26, T3N, R3W, B.M. CANYON COUNTY, IDAHO

DEVELOPER: WOLF BUILDING COMPANY
(CONTACT: BLAKE WOLF)

EXCAVATED BY: DAYSTAR

EXCAVATOR TYPE: BACKHOE

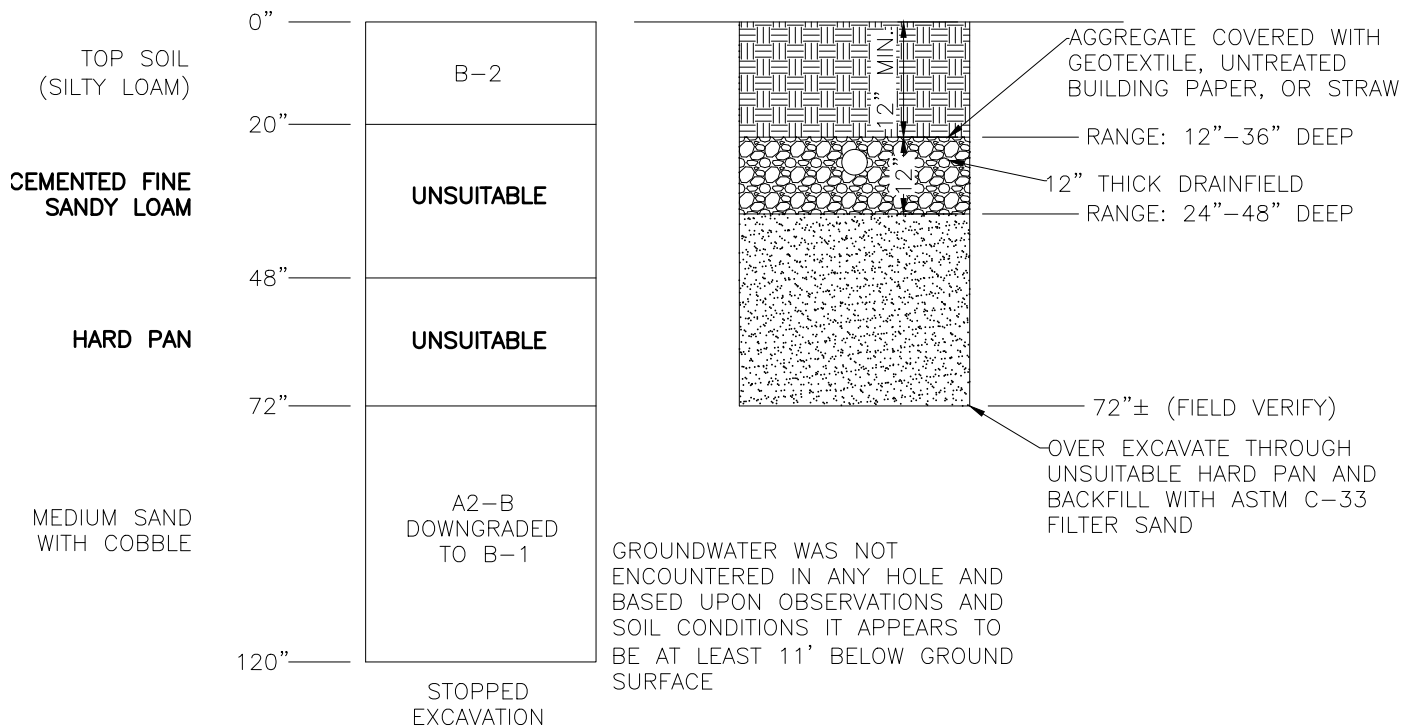
LOGGED BY: TCW & LBW OF ASPEN ENGINEERS

EXCAVATION DATE: 10/18/2021

PARCEL SIZE: 1.01 ACRES

TEST PIT #26

SEPTIC TRENCH @ TEST PIT #26



METHOD OF 72 CALCULATIONS:

FILTER SAND: FROM 48" TO 72" = 24" * 2TU = 48

A2-B (DOWNGRADED TO B-1): FROM 72" TO 120" = 48" * 1.2TU = 57.6

PROPOSED TREATMENT UNITS = 48 + 57.6 = 105.6

MINIMUM TREATMENT UNITS REQUIRED = 72, THEREFORE: OK

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BLOCK 2

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SEPTIC TANK AND DRAINFIELD SPECIFICATIONS

- Designated Area: Allowable drain field location as shown on Septic Plan.
- Septic Trench & Test Pit Section: See Test Pit location for soil types and trench sections, along with the Septic Plan for pit locations.
- Soil Subgroups: Size for B-1 soil.
Per Method of 72, the 24" of filter sand and 48" of A2-b soil (downgraded to B-1 soil) allow for effective treatment of septic matter. Calculations completed using Table 2-8 from the DEQ Technical Guidance Manual.
- Seasonal High Groundwater: N/A
- Parcel Size: 1.01 Acres

Septic Tank Sizing Requirement

<u>Building size:</u>	<u>Liquid Capacity:</u>
1-2-bedroom single family residence	900 gal
3-4-bedroom single family residence	1,000 gal
For each bedroom over four	add 250 gallons

Notes:

1. This specification sheet is based upon soil conditions encountered by the Engineer at the specific test hole excavated for this lot. See Test Pit Log on previous page.
2. The Contractor is responsible to verify and maintain separation between site features, including but not limited to wells, structures and water features.
3. The Health Department shall review and approve a plot plan for each home in the subdivision prior to issuing a permit. The plot plan shall show the location of the proposed residence, outbuildings, water meter, septic fields, applicable setbacks.
4. Installation location may be adjusted in the field by Contractor from the location of existing test hole shown on the plan. However, the Health Department may require the Contractor to excavate a test hole in the location of the septic field shown on the proposed plot plan, in the presence of the Health Department for use in sizing the system. Size of system shall be based upon soil conditions encountered at the desired septic field location. Septic field must be located in allowable septic area shown on Septic plan drawing.

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LOT 06
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5. Over excavate hardpan and/or unsuitable materials and backfill with ASTM C-33 filter sand where required.
6. Gravelless Trench Systems are an acceptable alternative.
7. Absorption Bed Disposal Facilities are acceptable when a site is not large enough for a standard subsurface disposal facility, but must be preapproved by SWDH prior to installation.
8. Installation depth may be adjusted by Contractor in field if required to maintain depth of receiving soils. Bottom of trench shall be 24" to 48" below ground surface with standard trench. However, in all cases, the minimum depth of receiving soils must be maintained.
9. Complex septic system professional installers are required to install alternative drain field systems (i.e., those requiring an advanced treatment sewage disposal system are classified in this grouping). Lots designed with a standard drain field, may require, with a site soil condition change, an alternative system.
10. Contractor shall verify building elevation to allow for sufficient fall from proposed residence to trench or make provisions to pump effluent as required. A lift station may be required to achieve engineered receiving soil heights for both the primary and replacement sites.
11. If additional assistance is needed, contact the Engineer at Aspen Engineers 208-466-8181 for direction. Fees for SWDH Review and the Engineer to modify the plans are the responsibility of the Contractor or Lot Owner.
12. Contractor shall maintain a minimum 25' separation between water mains, service lines, and proposed septic field.

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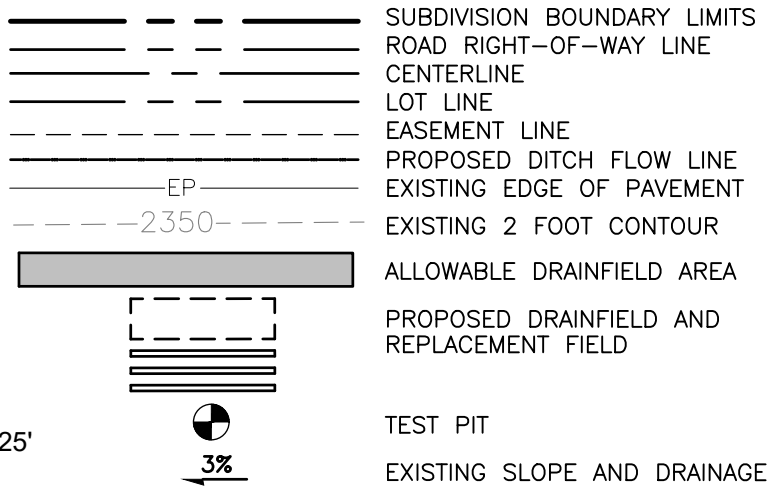
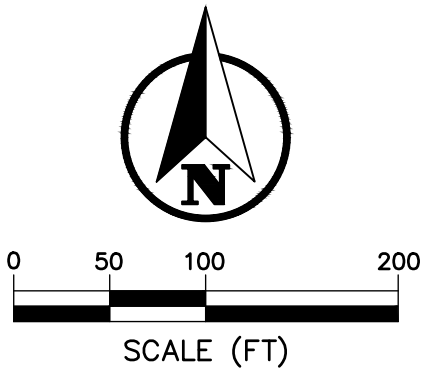
LOT 01
BLOCK 3

CANYON COUNTY, IDAHO

DATE: 11/08/2022

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LEGEND



CONTRACTOR SHALL MAINTAIN A MINIMUM 25' SEPARATION BETWEEN WATER MAINS, SERVICE LINES, AND PROPOSED SEPTIC FIELD

