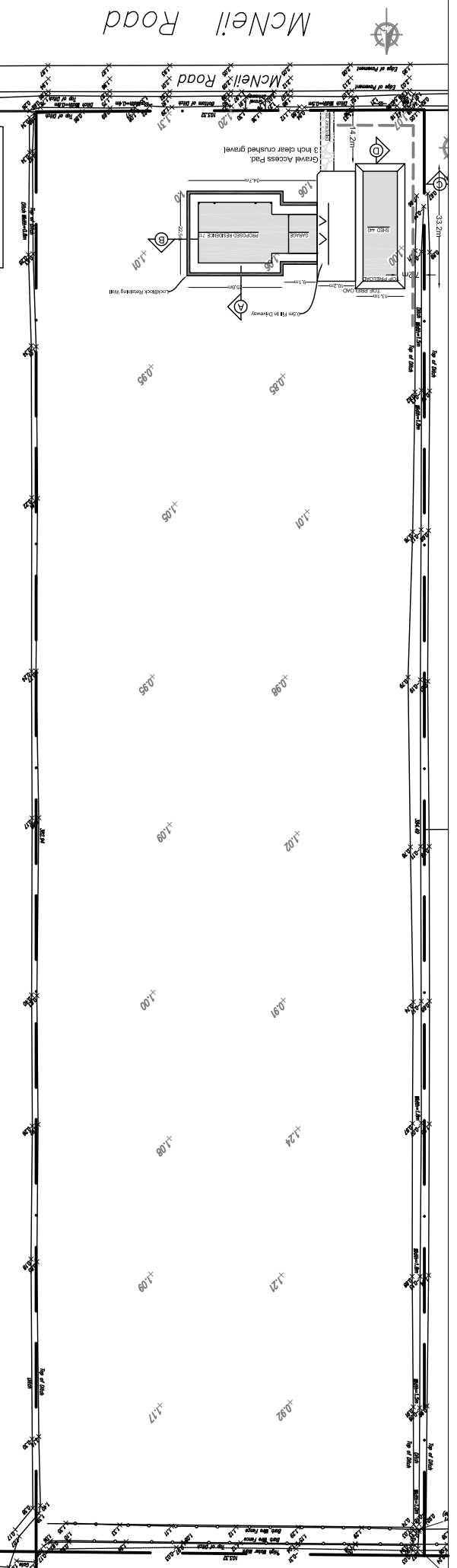
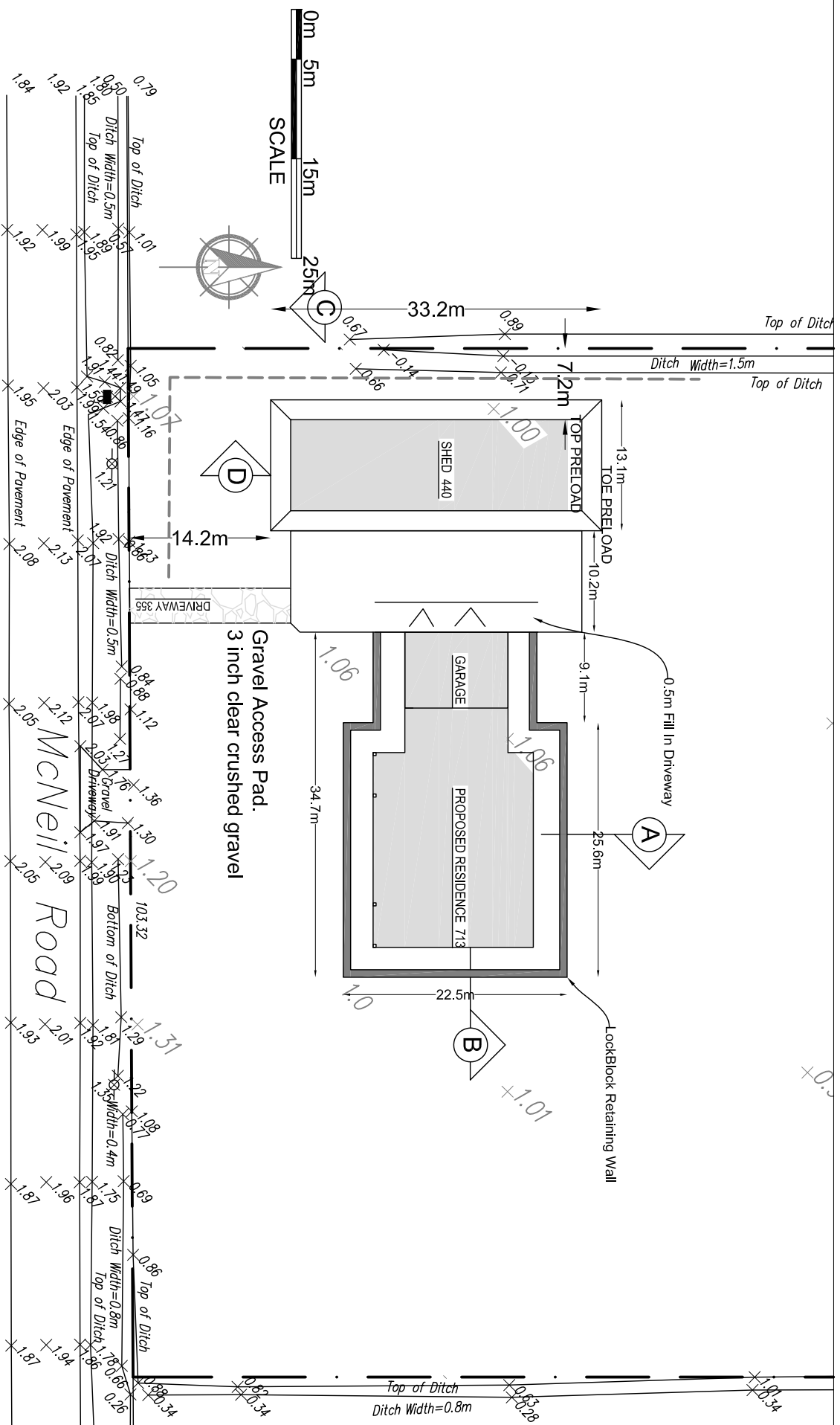


ATTACHMENT B



OVERALL SITE PLAN



FILL AREAS AND VOLUMES

DWELLING	713M ²
HOME PLATE	280M ²
SEPTIC	2140M ³
FILL VOLUME 713X3	
FARM BLDG	335M ²
DRIVEWAY AREA	440M ²
AREA	775M ²
TOTAL AREA 335+440	775M ²
TOTAL AREA 335+440	775M ²
VOLUME 440X1+335X0.5	610M ³
GRAND TOTAL VOLUME 2140+610 = 2750M³	

LEGEND

- Property Line
- Silt Fence
- Existing EL m

All dimensions and elevations in meters

PROFESSIONAL
 T.S. BAINA
 # 30368
 CIVIL ENGINEER
 BC
 Sept 22, 2023

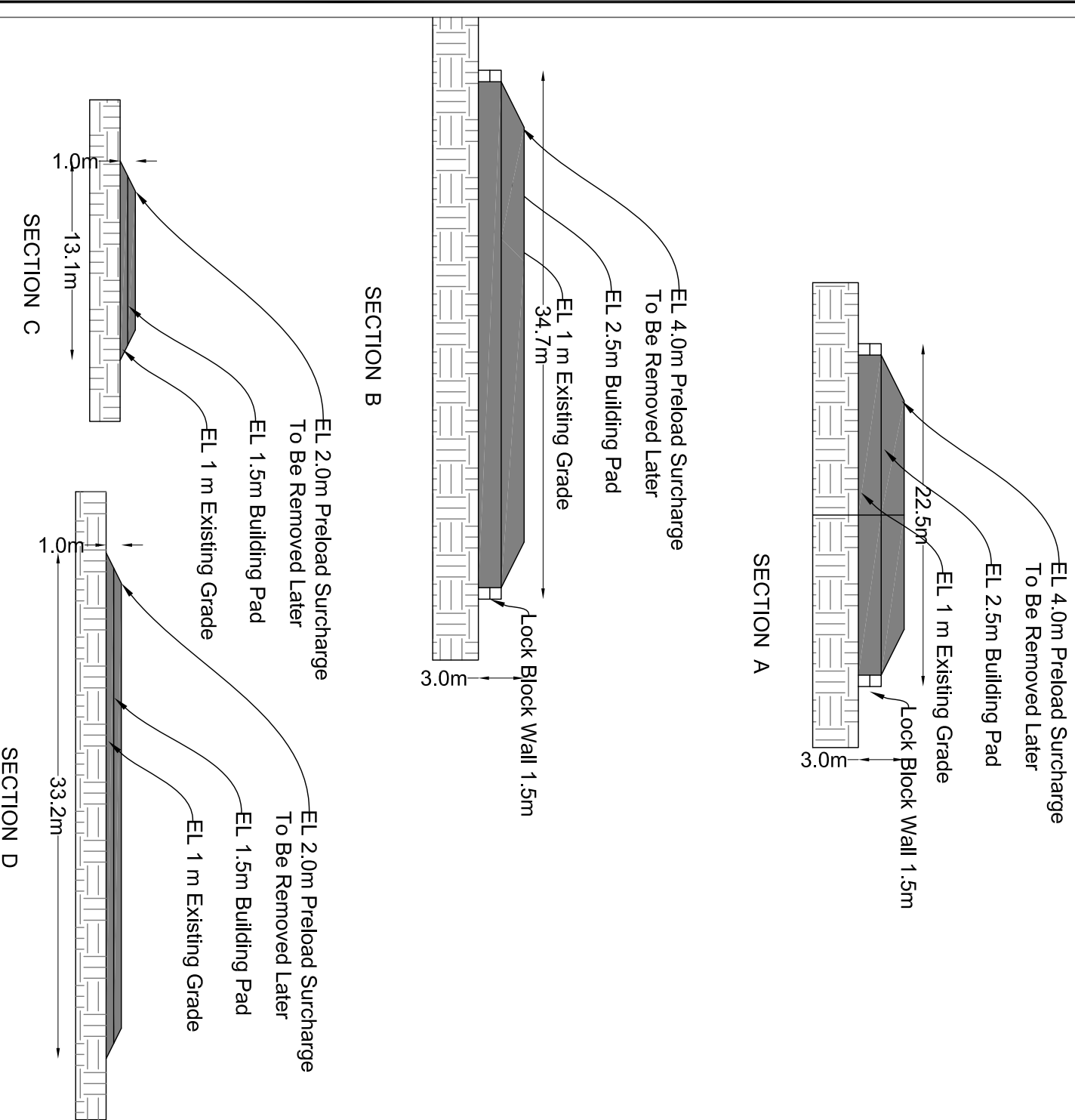


ABLE GEOTECHNICAL LTD.
 (Permit to Practice # 1003426)
 15580 79A Avenue
 Surrey BC V3S 8R8
 T: 778 995 2404 E: teght@ablegeo.com

CLIENT: JUGRAJ BAINS
 TITLE: FILL PLAN
 PROJECT: SINGLE FAMILY DWELLING AND FARM BUILDING
 SITE: LOT 39 MCNEIL ROAD, PITT MEADOWS

FILE: 1788
 PAGE 1 OF 2
 AUGUST 26, 2023

Elevations are geodetic and average



NOTES:

1. The underlying soft soils have low strength and can fail if the fill is placed too fast. Therefore, the fill should be placed in MAXIMUM 1 M THICK LIFTS, with a pause of 20 days in between lifts. EVERY NEXT LIFT SHOULD ONLY BE PLACED AFTER THE WRITTEN APPROVAL OF THE GEOTECHNICAL ENGINEER. Therefore, the Geotechnical Engineer should be notified during the fill placement. No stockpile above 1 m height should be placed within 20 m of the adjacent ditch.
 2. Install high visibility flags at each corner of the preload. The flags to remain in place for the project duration. No soil should be deposited outside the permitted area.
 3. All public roads are to be kept clean of soil during fill operation.
 4. All works shall be as per City issued permit.
 5. The owner to confirm that the location and size of the preload shown on this drawing meets his requirements before starting the field work. Owner must comply with the fill permit.
 6. Before starting the earth work, the Geotechnical report dated July 20, 2023 should be read in conjunction with this drawing. Field reviews will be required by the Geotechnical Engineer as noted on the report. The contractor shall provide minimum 24 hours notice.
 7. Contractor to confirm the underground utilities before digging.
 8. The City requires that the Engineer to complete a field review of fill every month to and report to City.
 9. The settlement gauges shall be protected against damage. Therefore flag the gauges and all construction equipment should stay minimum 1 m away from the gauges. Settlement gauges are typically surveyed after 7, 15, 30, and 60 days.
 10. Immediately after completion of the preload, the client shall provide an 'As-Built' survey of the top of bank. The survey should tie the preload top bank with the property line.
 11. The work shall be carried out in accordance with applicable bylaws and regulations.
 12. Additional permanent fill may be required following preload removal based on actual settlements.
 13. Slope the preload top at 2% to avoid ponding of rain water. Surface run off should not discharge into adjacent properties or ditch.
 14. Permanent fills below proposed building should consist of granular fills, (sand and gravel, or sand) with less than 5% fines (percent passing No. 200 sieve). Silty fill may also be used as permanent fill, subject to review and acceptance of the material by the Geotechnical Engineer. The fill should be damp for proper compaction. deflection under ride-on compactor should be less than $\frac{1}{4}$ inch. Moist to wet fill exceeding $\frac{1}{4}$ inch deflection is unacceptable and will be rejected.
 15. This drawing has been prepared for the exclusive use of Client, and their approved users for specific application to the development mentioned here. Able and its employees accept no responsibility to another party for loss or liability incurred as a result of use of this report.
 16. This drawing is prepared as per client's direction. The client must check applicable setbacks (environmental, zoning bylaw, fire separation etc.) which is beyond our scope of work.
- EROSION AND SEDIMENT CONTROL (ESC):**
17. Construct the necessary erosion control measures including silt fencing, gravel access pad, straw cover on preload, and temporary drainage swales as required. Earth works must be undertaken in such manner as to prevent the release of silt into ditch, watercourse, neighbouring property.
 18. Silt fence (Amoco 2130 or equivalent) or topsoil berm shall be installed as shown, typical section shown. Sediment laden water should not leave the site.
 19. Any soils deposited on City property should be swept up immediately, in order to prevent its entry into City catch basins/ditch.

Sept 22, 2023

ENGINEER

Professional Engineer Seal



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PAGE 2 OF 2
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