

STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

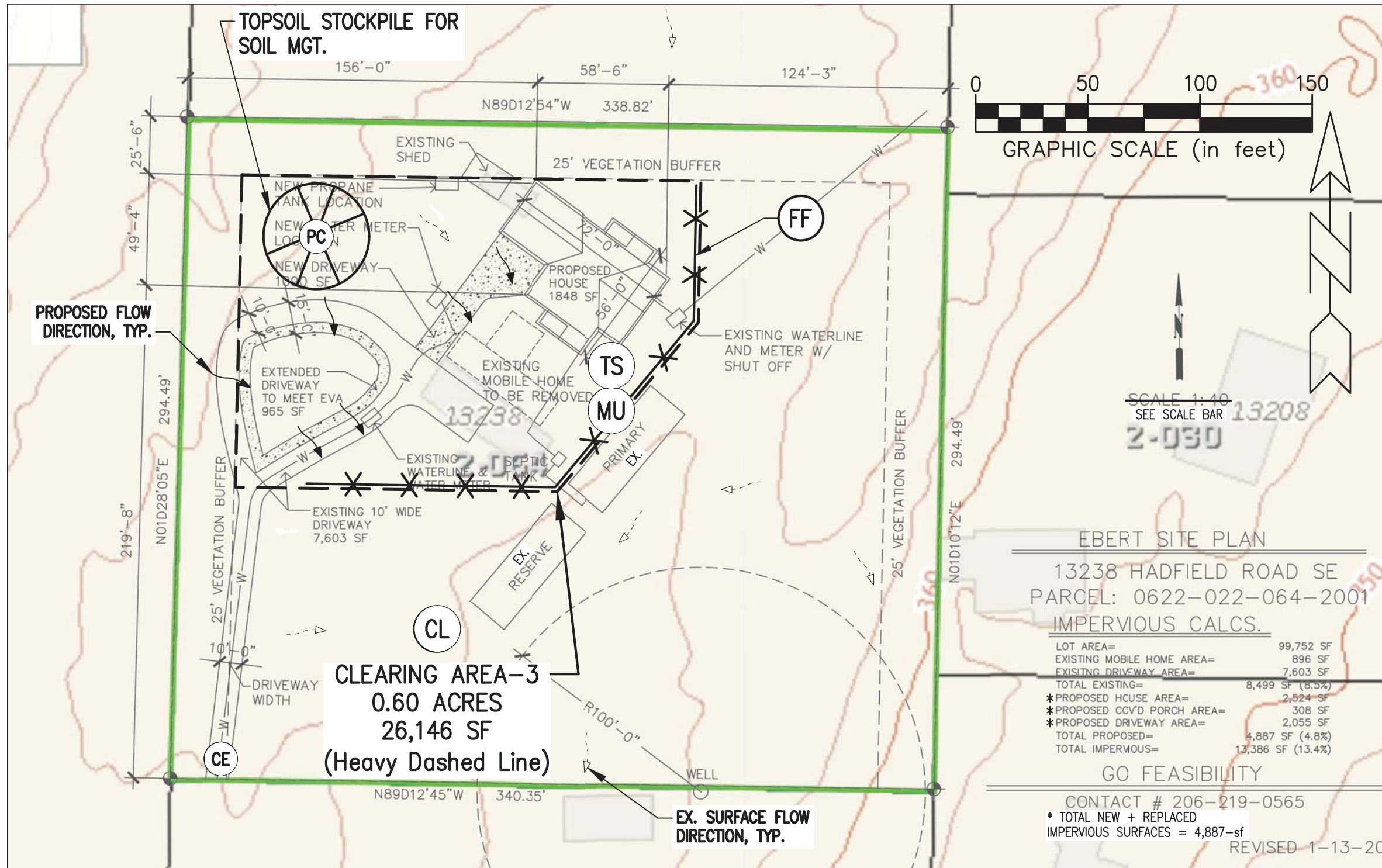
OVERLAYED ON EXHIBIT PROVIDED BY CLIENT (SCREENED BACKGROUND & COUNTY LIDAR CONTOURS)

EBERET SFR

EROSION CONTROL LEGEND:

- CE** BMP C107, STABILIZED CONSTRUCTION ENTRANCE. SEE FIGURE 2.2
- CL** BMP C101, PRESERVE NATURAL VEGETATION. (CLEARING LIMITS)
- FF** BMP C233, SILT FENCE. SEE FIGURE 4.19
- MU** BMP C121, MULCHING. SEE TABLE 2.7. FINISHED SLOPES & AS OTHERWISE WARRANTED.
- PC** BMP C123, PLASTIC COVERING. PROTECT TEMPORARY STOCKPILE AREAS.
- TS** BMP C120, TEMPORARY & PERMANENT SEEDING. SEE TABLE 2.1 & 2.2

- STORM MITIGATION:**
- DRIVEWAY – SHEET FLOW DISPERSION PER BMP T5.12
 - ROOF – DOWNSPOUT DISPERSION PER BMP T5.10B
 - SOIL MANAGEMENT – PER BMP T5-13



STORMWATER MITIGATION NOTES:

1. **DRIVEWAYS (Flat to Moderate Grade)**– Where the driveway centerline grade is less than 15%, BMP T5.12 "Sheet Flow Dispersion" can be employed. Cross-slope the driveway to the preferred side for dispersion (away from structures). For gravel driveways gravel should be 2" above adjacent dispersion area, for paved driveways provide a 2-ft width transition zone of washed rock. The dispersion area flow-path shall be at least 10-ft wide and consist of native vegetation, or lawn/landscape area with soils compost amended per BMP T5.13 "Post-Construction Soil Quality & Depth". Grades in the dispersion area shall be 20% maximum.

2. **ROOFS:** Provide downspout dispersion per BMP T5.10B. Splash blocks can be used where the roof can be divided to a maximum roof area of 700-sf per splash block, and each splash block will have a separate 50-ft flow-path away from the structure for 50-ft, at a 15% maximum grade. Where grades around the structure will not allow the required flow path, the downspouts can be tightlined to an appropriate location and dispersed in a dispersion trench. For 700-sf of roof area, 10-lf of dispersion trench is required. Multiple downspout tightlines can be routed to a single dispersion trench with the length of trench calculated at the 700-sf to 10-lf ratio. If dispersion trenches are used there shall be a flow-path of 25-ft downstream of the trench, with a maximum grade of 15%.

APPROVED