

HOWEM GRAVEL PIT

RECLAMATION PLAN - DNR PERMIT #70-011328 WHATCOM COUNTY, WASHINGTON

NO	REVISIONS	BY	DATE

WILSON ENGINEERING, LLC
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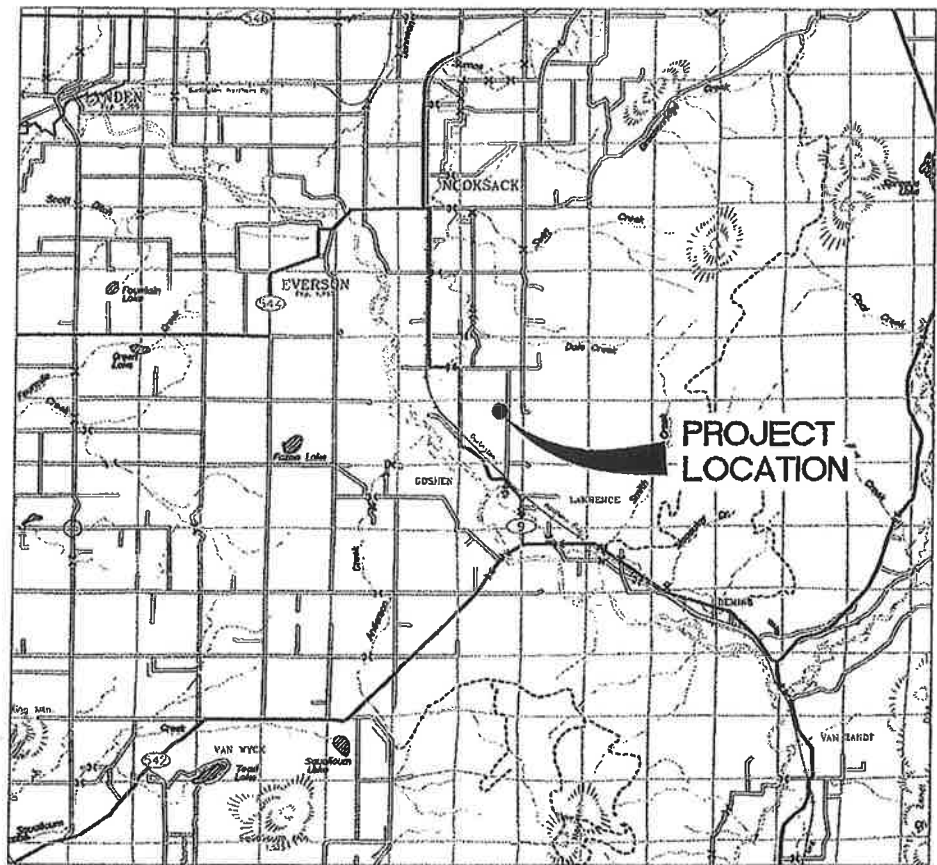


DESIGNED BY: BAH
DRAWN BY: NJT
CHECKED BY: BAH

WHATCOM COUNTY
HOWEM GRAVEL PIT RECLAMATION PLAN
VICINITY MAP, INDEX TO DRAWINGS

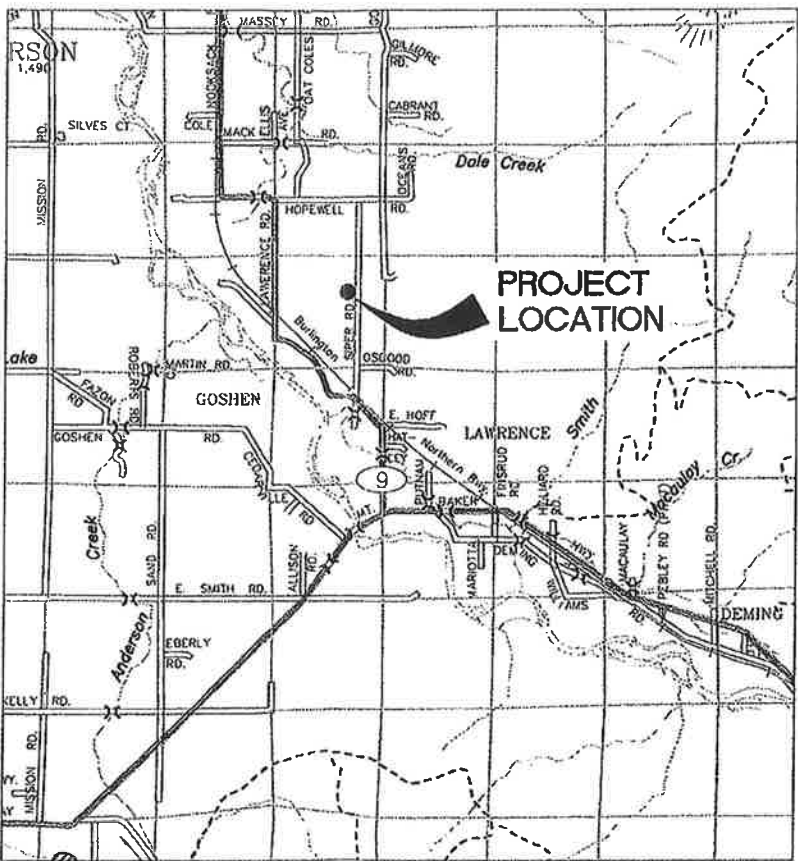
DATE: NOV 2010
SCALE: AS SHOWN
JOB NUMBER: 2008-087C

SHEET: C01
OF: C07



LOCATION MAP

NOT TO SCALE



VICINITY MAP

NOT TO SCALE

INDEX TO DRAWINGS

- C01 VICINITY MAP, INDEX TO DRAWINGS
- C02 SURVEY CONTROL & ADJACENT OWNERS
- C03 EXISTING CONDITIONS
- C04 MINE SEQUENCING MAP
- C05 RECLAMATION MAP
- C06 CROSS SECTIONS
- C07 REVEGETATION MAP

RECLAMATION IMPLEMENTATION NOTES

1. SCOTCH BROOM REMOVAL. On going removal program until reclamation is complete and formally approved by Department of Natural Resources.
2. SALVAGE OF ORGANIC MATERIAL. Organic materials such as woody debris, trees, shrubs, top soil, and other sources shall be salvaged during reclamation.
3. EXISTING STRUCTURES AND EQUIPMENT. All structures and equipment shall be removed from the site.
4. PIT SLOPES AND FLOOR. The perimeter slopes, shall be graded to 2H:1V & fill slopes.
5. UNSUITABLE (silt/clay mix) GRAVEL. The exact volume of any unsuitable material is unknown. Any unsuitable material shall be spread evenly on designated Revegetation areas and filled into the sand & gravel.
6. PLACEMENT OF DEAD WOOD. Available dead wood shall be place horizontally on slopes. Locate dead wood in areas where drainage washout risks are the greatest.
7. SEED. Following tree and shrub planting, all sloped areas that receive top soil and overburden shall receive seeding. See sheet C07
8. MAINTENANCE. On going until final acceptance by DNR. Repair and re-plant any washout areas. Reinforce troublesome areas with dead wood check dams.

ADJACENT PROPERTY OWNERS

- ① MOUNTAIN VIEW BERRIES LLC
988 E POLE RD, EVERSON WA 98247
- ② DONALD P & SHIRLEY Y F NIELSEN
6287 SIPER RD, EVERSON WA 98247
- ③ LEE R & LORRAINE S PEGAN
6308 SIPER RD, EVERSON WA 98247
- ④ JAMES D-KATHRYN B BEESLEY
6312 SIPER RD, EVERSON WA 98247
- ⑤ RYAN T MCNIELLY
6348 SIPER RD, EVERSON WA 98247
- ⑥ CORY L & ARLENE L COPPS
6364 SIPER RD, EVERSON WA 98247
- ⑦ GLEN R & AVALEE CONWAY
5808 MURRAY ROAD BELLINGHAM, WA 98226
- ⑧ MILES SAND & GRAVEL COMPANY
P O BOX 280, MT VERNON WA 98273

THIS MAP HAS BEEN PRODUCED USING PROCEDURES THAT HAVE BEEN DEMONSTRATED TO YIELD MAPPING WHICH COMPLIES WITH THE NATIONAL STANDARD FOR SPATIAL DATA ACCURACY (NSSDA) FOR A SCALE OF 1" = 100'.

THE PRESENCE OF DASHED CONTOURS INDICATES THAT THE GROUND IS OBSCURED BY VEGETATION, BUILDINGS OR SHADOWS AND THAT THE DATA IN THOSE AREAS MAY NOT MEET NSSDA. GROUND SURVEYS MAY BE REQUIRED TO SUPPLEMENT THE MAPPING.

HORIZONTAL DATUM: WASHINGTON STATE PLANE, NORTH ZONE, NAD83/91, US FEET.

VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988

PROPERTY LINES SHOWN ARE BASED ON WHATCOM COUNTY ASSESSOR MAP. WILSON ENGINEERING DOES NOT TAKE RESPONSIBILITY FOR THE ACCURACY OF THE PROPERTY LINES

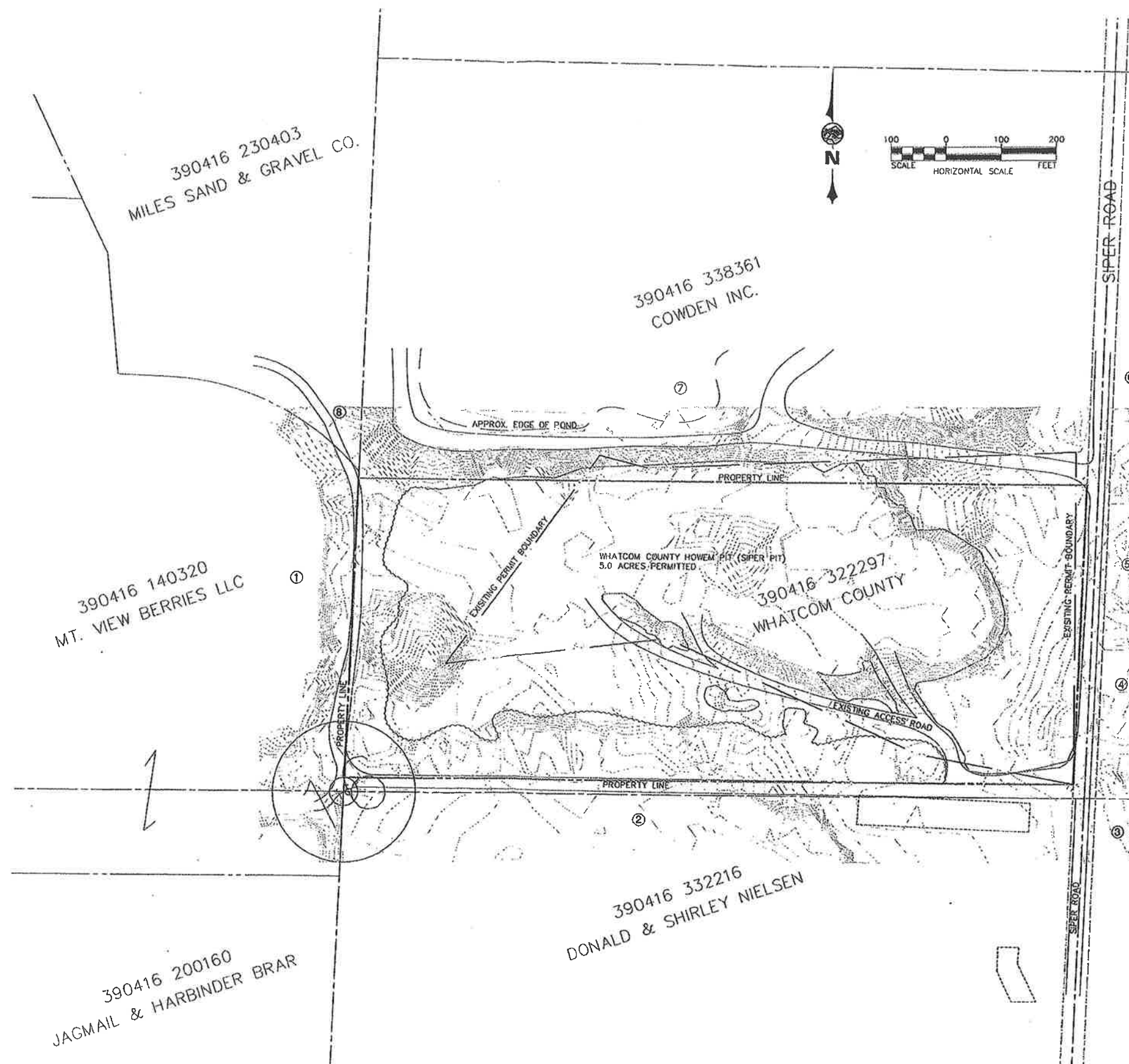
NO LEVEL LOOPS WERE PERFORMED TO TIE THE ON-SITE NETWORK TO EXTERNAL BENCHMARKS.

EXISTING

- 150.00' EXISTING MAJOR INDEX CONTOUR
- EXISTING MINOR CONTOUR
- EXISTING PERMITTED BOUNDARY LIMITS
- PROPERTY LINE
- SECTION LINE
- EXISTING DRIVEWAY ROAD
- EXISTING VEGETATION CANOPY LINE
- EXISTING BUILDING
- EXISTING EDGE OF ASPHALT

PROPOSED

- PROPOSED MATERIAL STOCKPILE AREA
- PROPOSED TEMPORARY BERM
- 150.00' PROPOSED MAJOR INDEX CONTOUR (10-FT INTERVALS)
- PROPOSED MINOR INDEX CONTOUR (2-FT INTERVALS)
- PROPOSED VEGETATION CANOPY LINE
- PROPOSED PERMITTED BOUNDARY LIMITS



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BELLINGHAM
SURVEY CONTROL & ADJACENT OWNERS

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