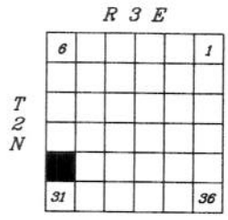
45° 37' 44" N Latitude
122° 29' 07" W Longitude

LOCATION MAP



DIRECTIONS TO SITE

SITE IS LOCATED ROUGHLY 110 DRIVING MILES FROM OLYMPIA. DRIVE SOUTHBOUND ON I-5 TOWARDS PORTLAND. MERGE ON TO I-205 S VIA EXIT 7 TOWARDS SALEM. TAKE EXIT 28, MILL PLAIN BLVD. RAMP. TURN LEFT ONTO SE MILL PLAIN BLVD. TURN LEFT ONTO SE 164TH AVE. TURN RIGHT ONTO SE 1ST ST. SITE ACCESS IS LOCATED ON LEFT SIDE OF ROAD, APPROXIMATELY ½ MILE EAST OF INTERSECTION OF SE 164TH & SE 1ST ST.

PROJECT VICINITY MAP

NOTE:
USGS topographic quadrangle map (Lacamas Creek, 1990 & Camas, 1993) reproduced using MAPTECH, Inc. software Terrain Navigator.

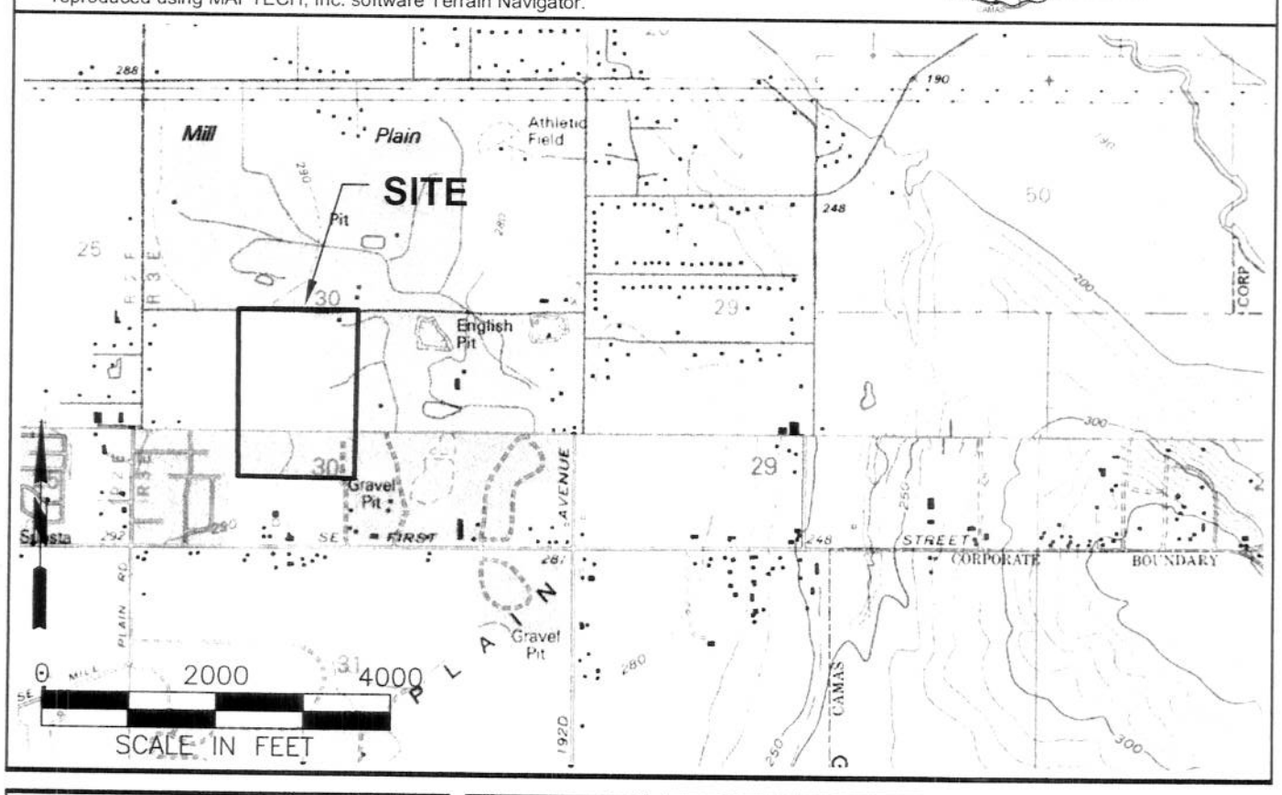


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Figure 1
VICINITY MAP
English Pit (Bjornsen) - DNR Permit #70-012557
Pacific Rock Products, LLC
Clark County, Washington
Section 30, Township 2N, Range 3E, W.M.

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SCALE IN FEET

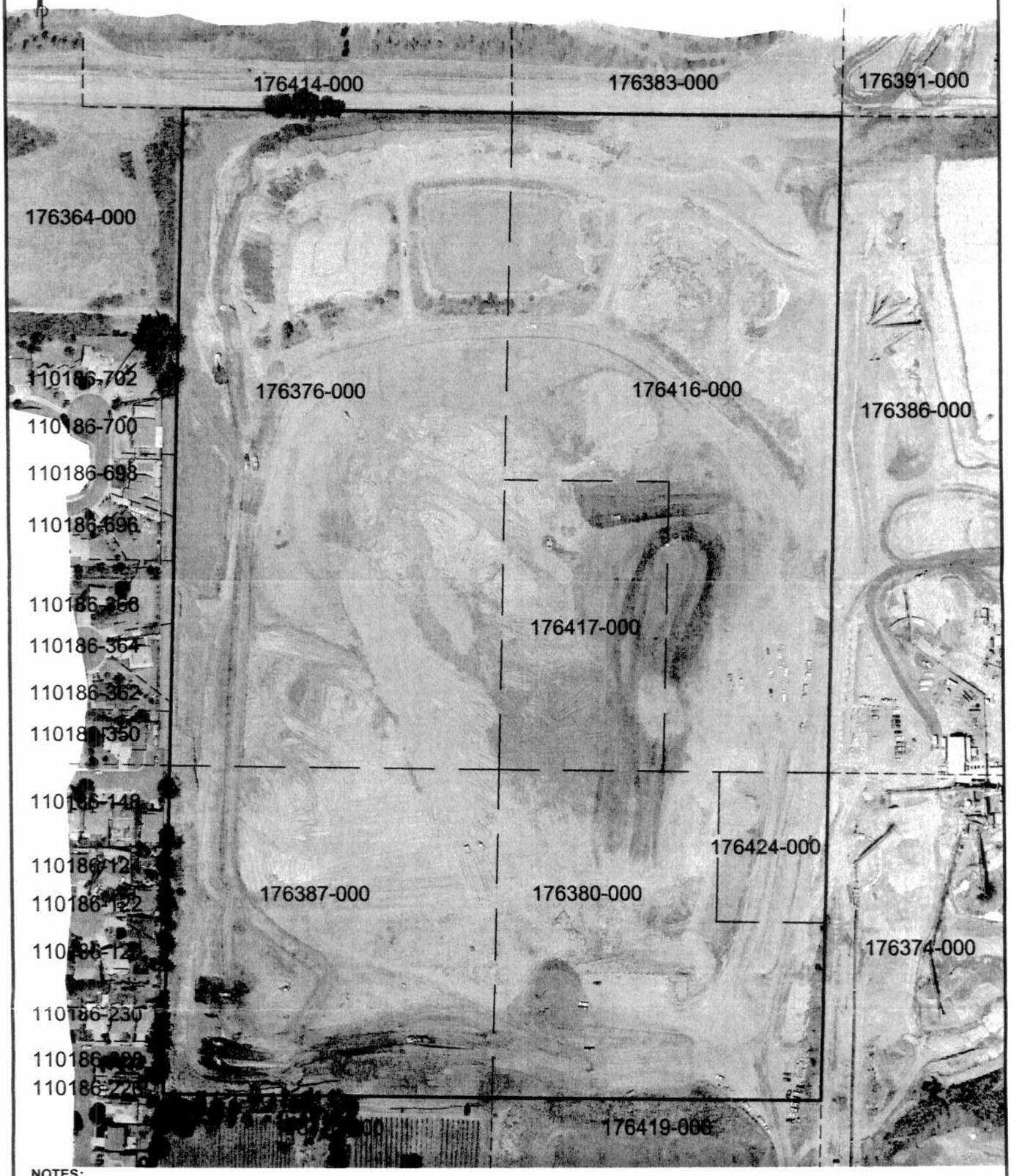
LEGEND

PERMIT BOUNDARY (60 ACRES)

176414-000 CLARK COUNTY ASSESSOR'S PROPERTY ACCOUNT NUMBER (PARCEL NUMBER - SEE FIGURE 2A)

ADJACENT PROPERTY PARCEL LINES

PERMITTED PARCEL LINES



NOTES:

1. BASE MAP (PERMIT BOUNDARY & PARCEL LINES) OBTAINED FROM SURVEY PERFORMED BY MINISTER-GLAESER SURVEYING, INC. , MARCH 19, 2005.
2. PROPERTY INFORMATIONOBTAINED ONLINE FROM CLARK COUNTY ASSESSOR AT WEB ADDRESS HTTP://GIS.CLARK.WA.GOV/GISHOME/PROPERTY/.
3. AERIAL PHOTOGRAPH (2007) PROVIDED BY CDG ENGINEERS.

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Figure 2
ADJACENT PROPERTY INFORMATION MAP
English Pit (Bjornsen) - DNR Permit #70-012557
Pacific Rock Products, LLC
Clark County, Washington
Section 30, Township 2N, Range 3E, W.M.

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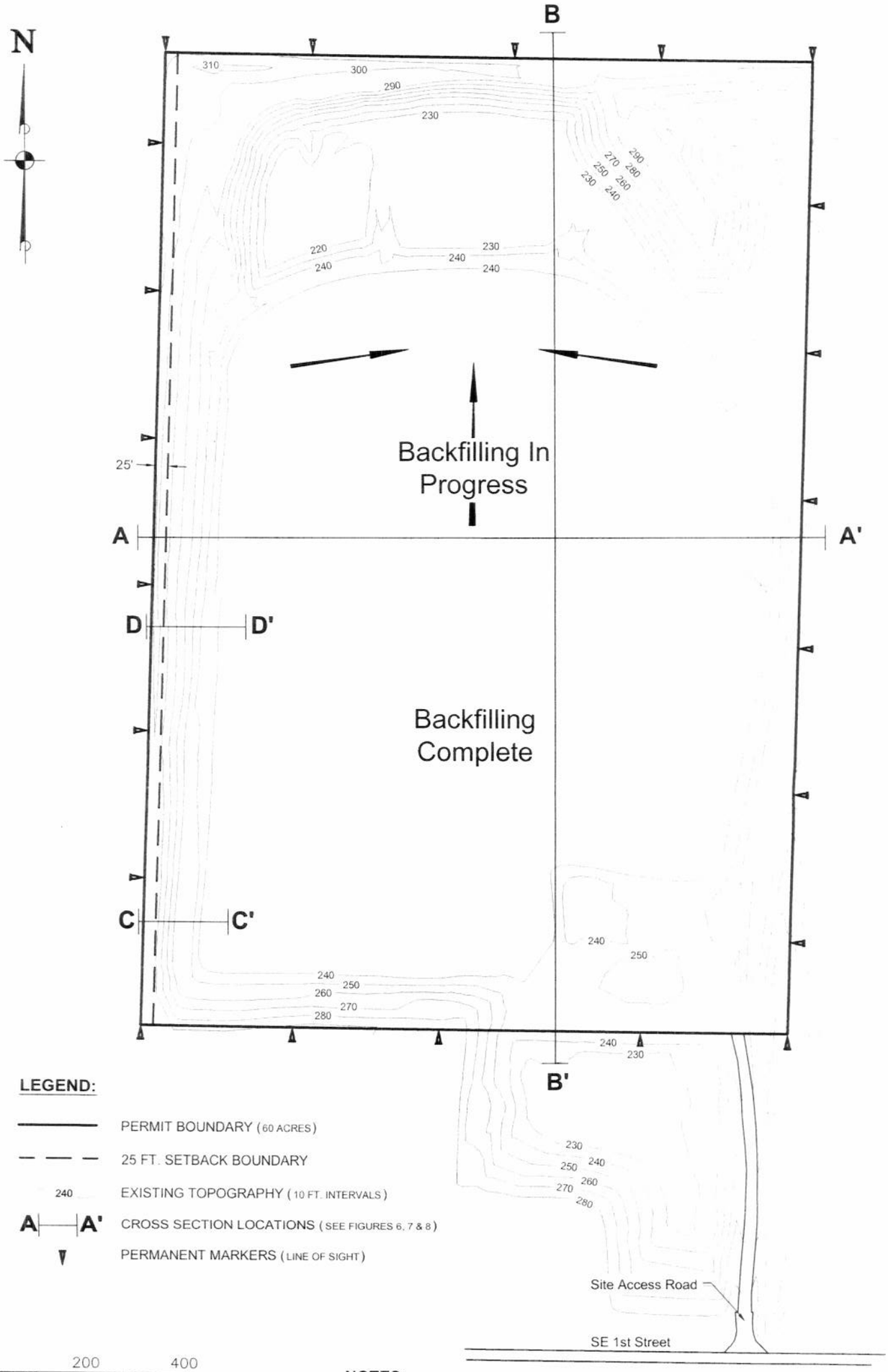

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. ALL ELEVATIONS IN FEET.

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Figure 3
EXISTING TOPOGRAPHY MAP
English Pit (Bjornsen) - DNR Permit #70-012557
Pacific Rock Products, LLC
Clark County, Washington
Section 30, Township 2N, Range 3E, W.M.

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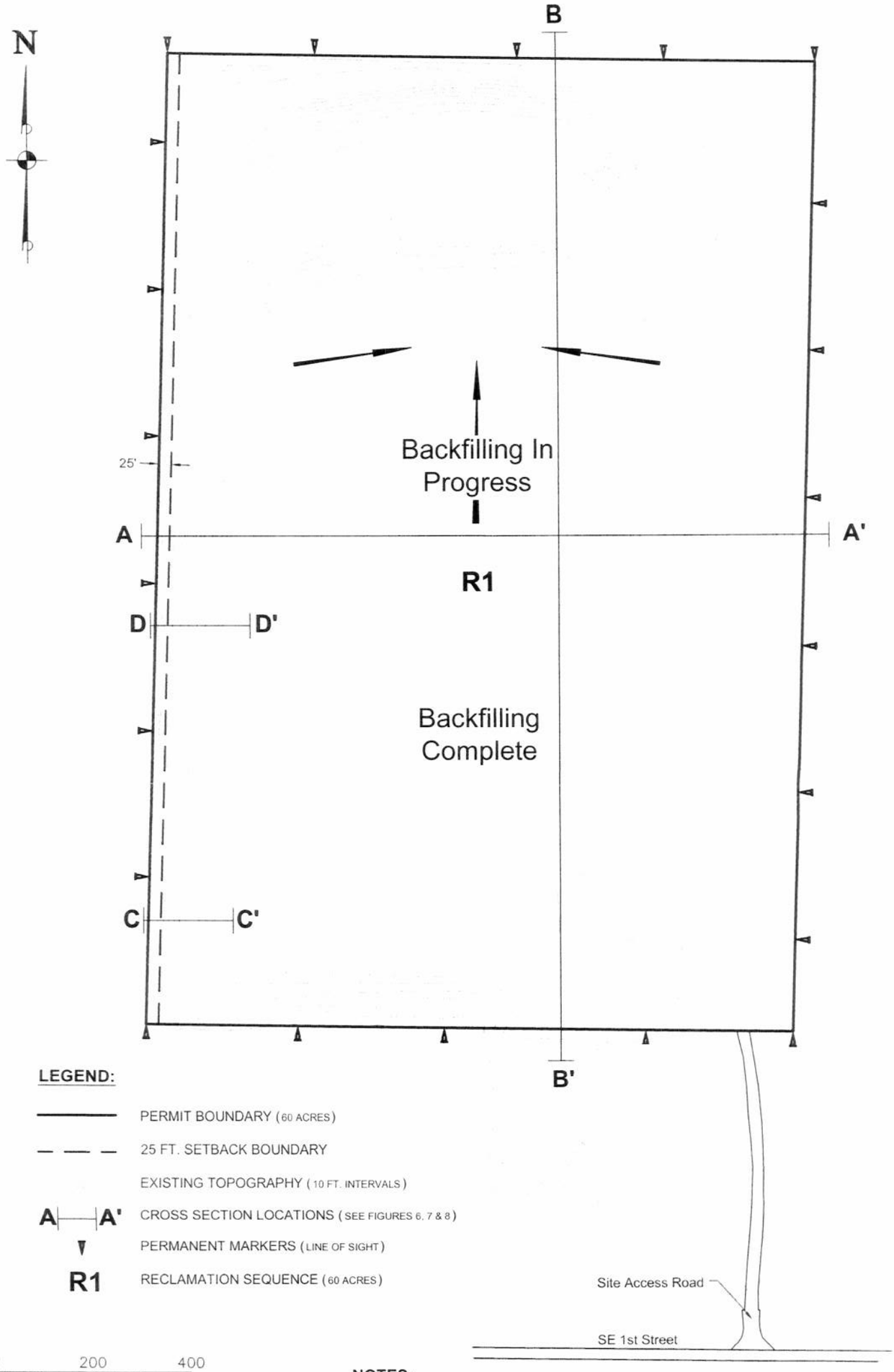

LEGEND:

PERMIT BOUNDARY (60 ACRES)

25 FT. SETBACK BOUNDARY

EXISTING TOPOGRAPHY (10 FT. INTERVALS)

A—A' CROSS SECTION LOCATIONS (SEE FIGURES 6, 7 & 8)

PERMANENT MARKERS (LINE OF SIGHT)

R1 RECLAMATION SEQUENCE (60 ACRES)

0 200 400

SCALE IN FEET

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. ALL ELEVATIONS IN FEET.

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Figure 4
RECLAMATION SEQUENCE MAP
English Pit (Bjornsen) - DNR Permit #70-012557
Pacific Rock Products, LLC
Clark County, Washington
Section 30, Township 2N, Range 3E, W.M.

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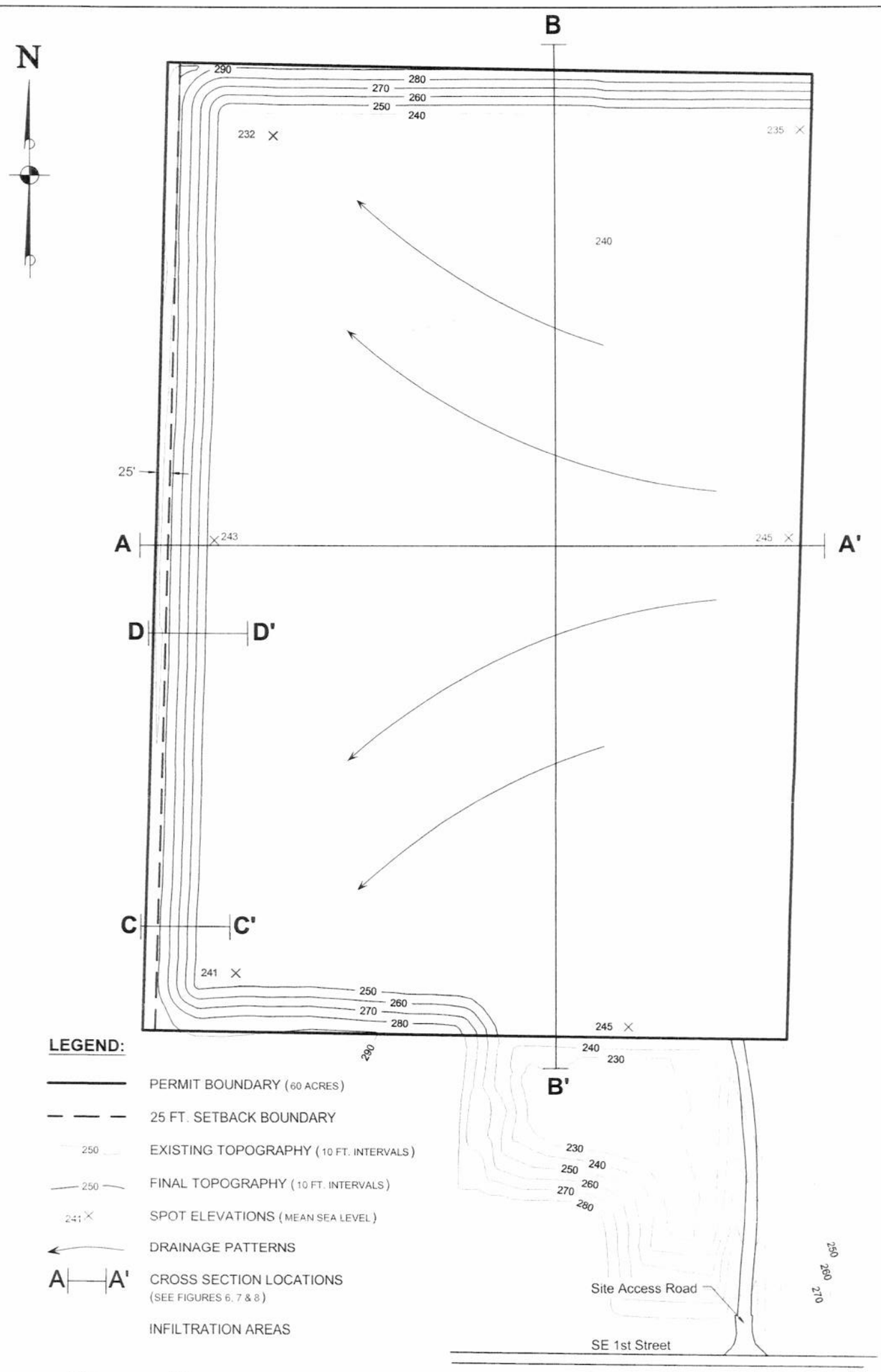

LEGEND:

- PERMIT BOUNDARY (60 ACRES)
- 25 FT. SETBACK BOUNDARY
- 250 EXISTING TOPOGRAPHY (10 FT. INTERVALS)
- 250 FINAL TOPOGRAPHY (10 FT. INTERVALS)
- 241 SPOT ELEVATIONS (MEAN SEA LEVEL)
- DRAINAGE PATTERNS
- A—A' CROSS SECTION LOCATIONS (SEE FIGURES 6, 7 & 8)
- INFILTRATION AREAS

0 200 400
SCALE IN FEET

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. ALL ELEVATIONS IN FEET.

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Figure 5
FINAL TOPOGRAPHY MAP
English Pit (Bjornsen) - DNR Permit #70-012557
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Section 30, Township 2N, Range 3E, W.M.

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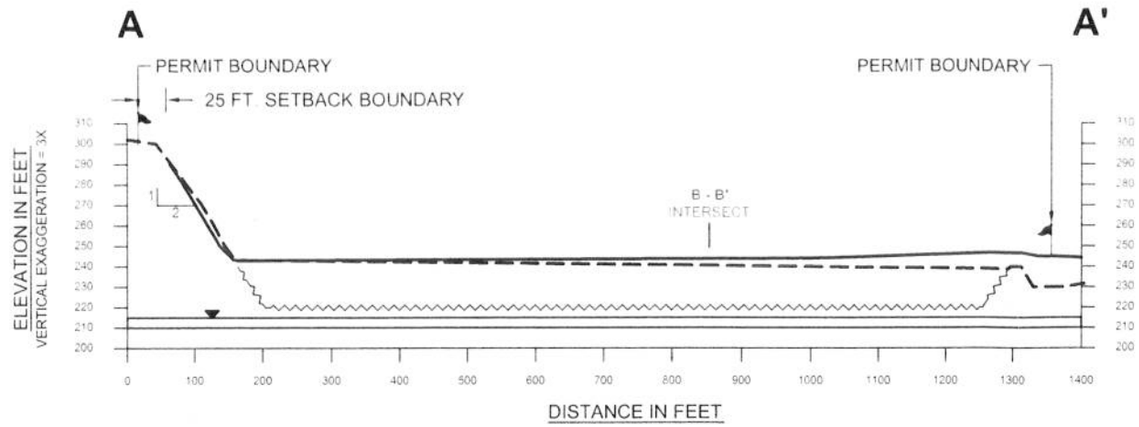

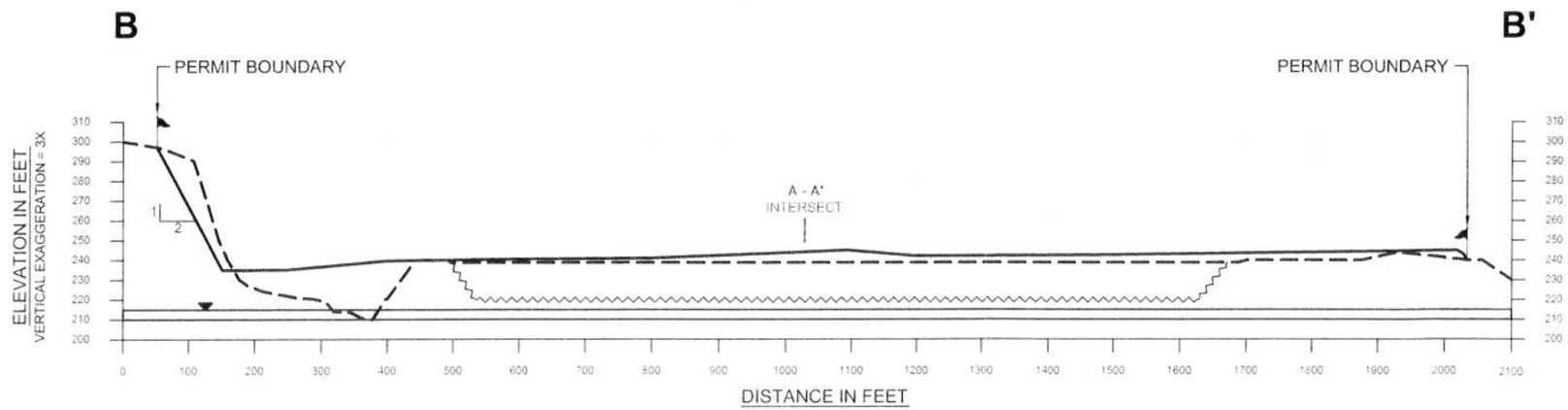

LEGEND:

- EXISTING TOPOGRAPHY
- FINAL TOPOGRAPHY
- MINE FLOOR
- PERMANENT MARKER
- WATER TABLE HIGH & LOW RANGE (GEODESIGN INC., 2007)
- 2 TO 1 SLOPE: FINAL TOPOGRAPHY (2 FT. HORIZONTAL TO 1 FT. VERTICAL)

0 200 400
SCALE IN FEET
VERTICAL EXAGGERATION = 3X

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. CROSS SECTIONS GENERATED USING AUTODESK 2006 CIVIL 3D SOFTWARE.
3. SEE FIGURES 3, 4 & 5 FOR CROSS SECTION LOCATIONS.

Figure 6
CROSS SECTIONS A-A' & B-B'
English Pit (Bjornsen) - DNR Permit # 70-012557
Pacific Rock Products, LLC
Clark County, Washington
Section 30, Township 2N, Range 3E, W.M.

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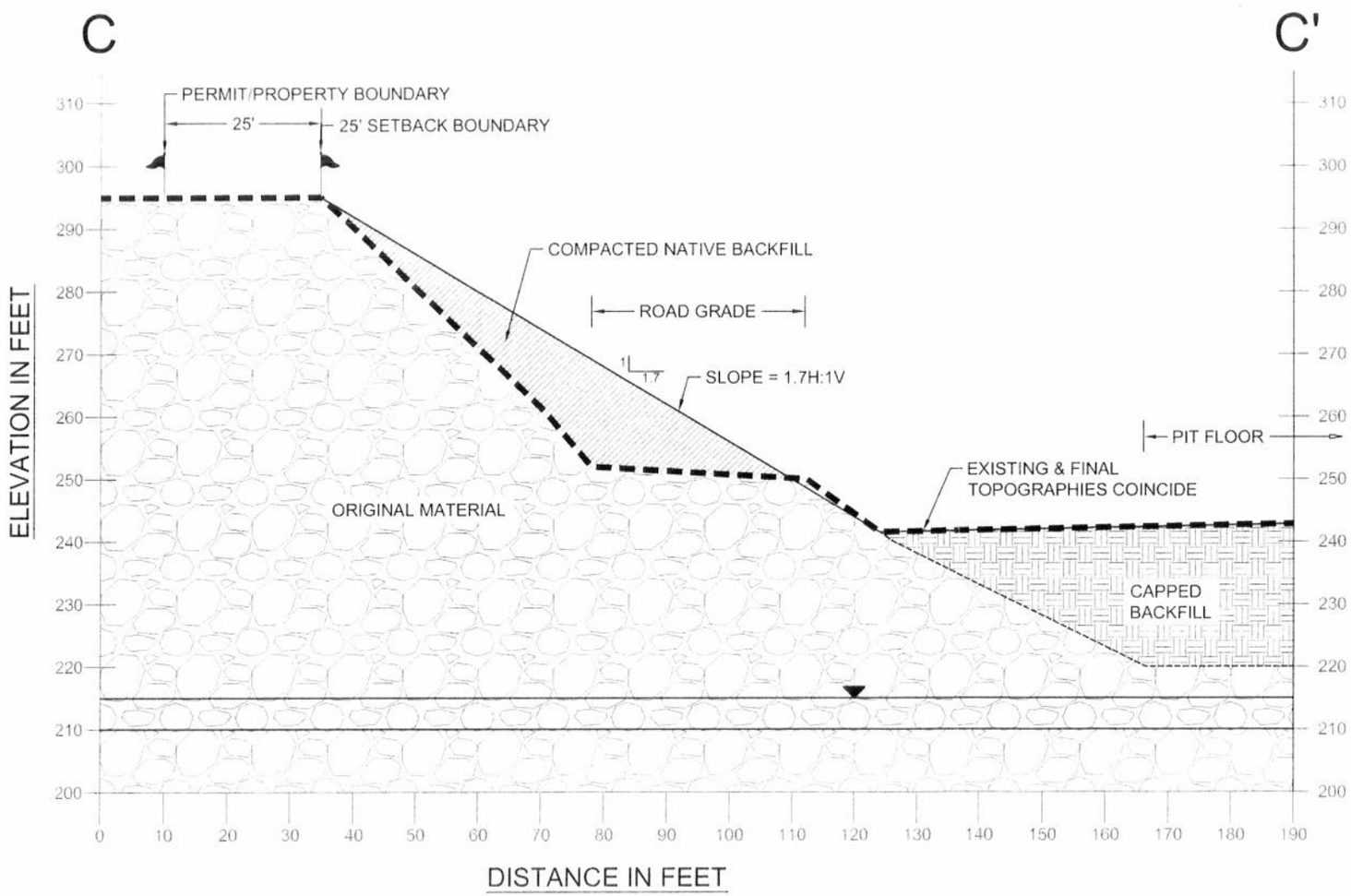

LEGEND:

- EXISTING TOPOGRAPHY
- FINAL TOPOGRAPHY
- ASSUMED TOPOGRAPHY
- PERMANENT MARKER
- ORIGINAL MATERIAL
- COMPACTED BACKFILL
- CAPPED BACKFILL
- WATER TABLE HIGH & LOW RANGE (GEODESIGN INC., 2007)
- SLOPE [1.7:1] (1.7' HORIZONTAL TO 1' VERTICAL)

0 20 40
SCALE IN FEET

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. CROSS SECTIONS GENERATED USING AUTODESK 2006 CIVIL 3D SOFTWARE.
3. SEE FIGURES 3, 4 & 5 FOR CROSS SECTION LOCATIONS.

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Figure 7
CROSS SECTION C-C'
English Pit (Bjornsen) - DNR Permit # 70-012557
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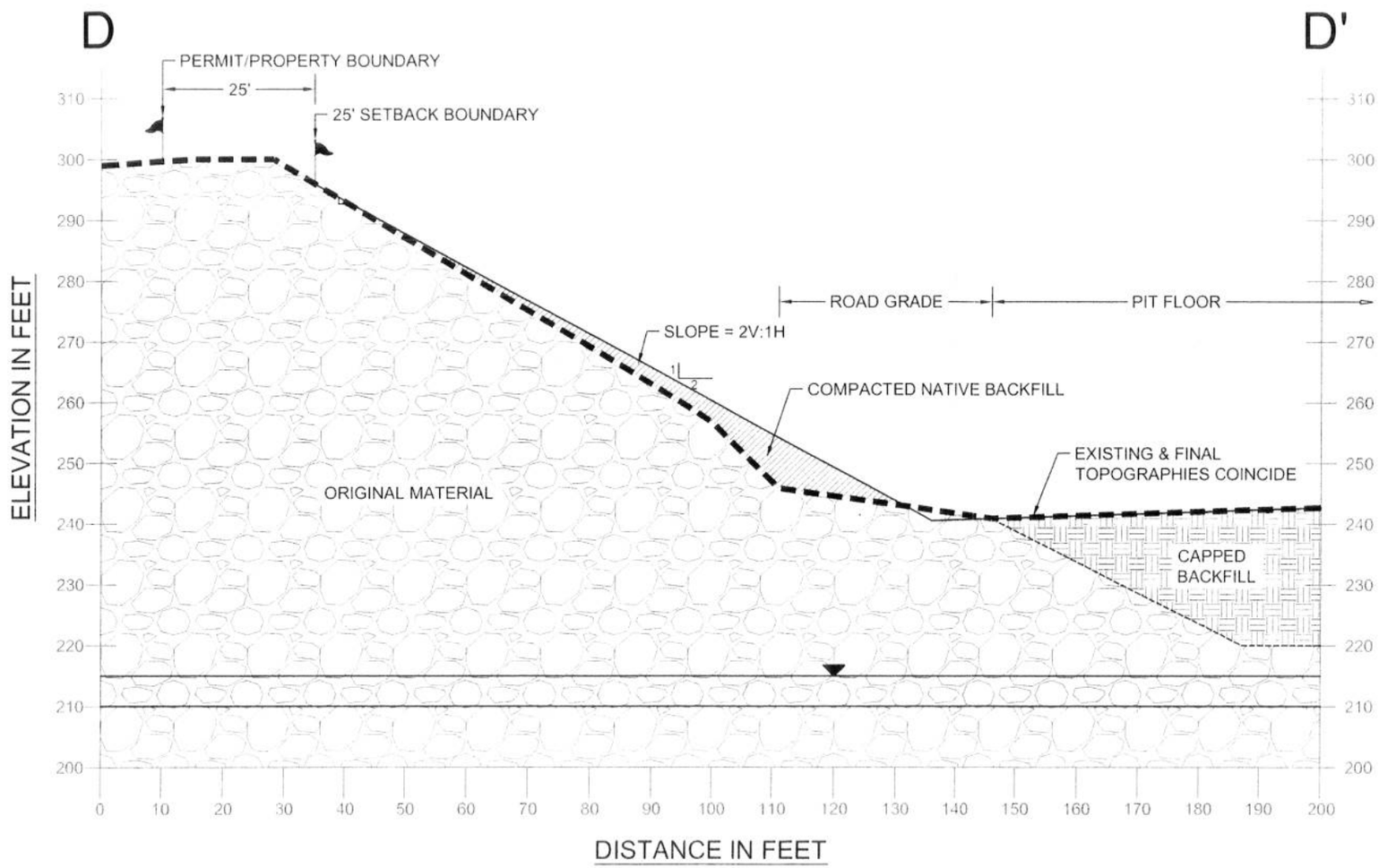

LEGEND:

- EXISTING TOPOGRAPHY
- FINAL TOPOGRAPHY
- ASSUMED TOPOGRAPHY
- PERMANENT MARKER
- ORIGINAL MATERIAL
- COMPACTED BACKFILL
- CAPPED BACKFILL
- WATER TABLE HIGH & LOW RANGE (GEODESIGN INC., 2007)
- SLOPE [2:1] (2' HORIZONTAL TO 1' VERTICAL)

0 20 40
SCALE IN FEET

NOTES:

1. SITE PLAN BASED ON DRAWINGS PROVIDED BY PACIFIC ROCK PRODUCTS LLC.
2. CROSS SECTIONS GENERATED USING AUTODESK 2006 CIVIL 3D SOFTWARE.
3. SEE FIGURES 3, 4 & 5 FOR CROSS SECTION LOCATIONS.

Figure 8
CROSS SECTION D-D'
English Pit (Bjornsen) - DNR Permit # 70-012557
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