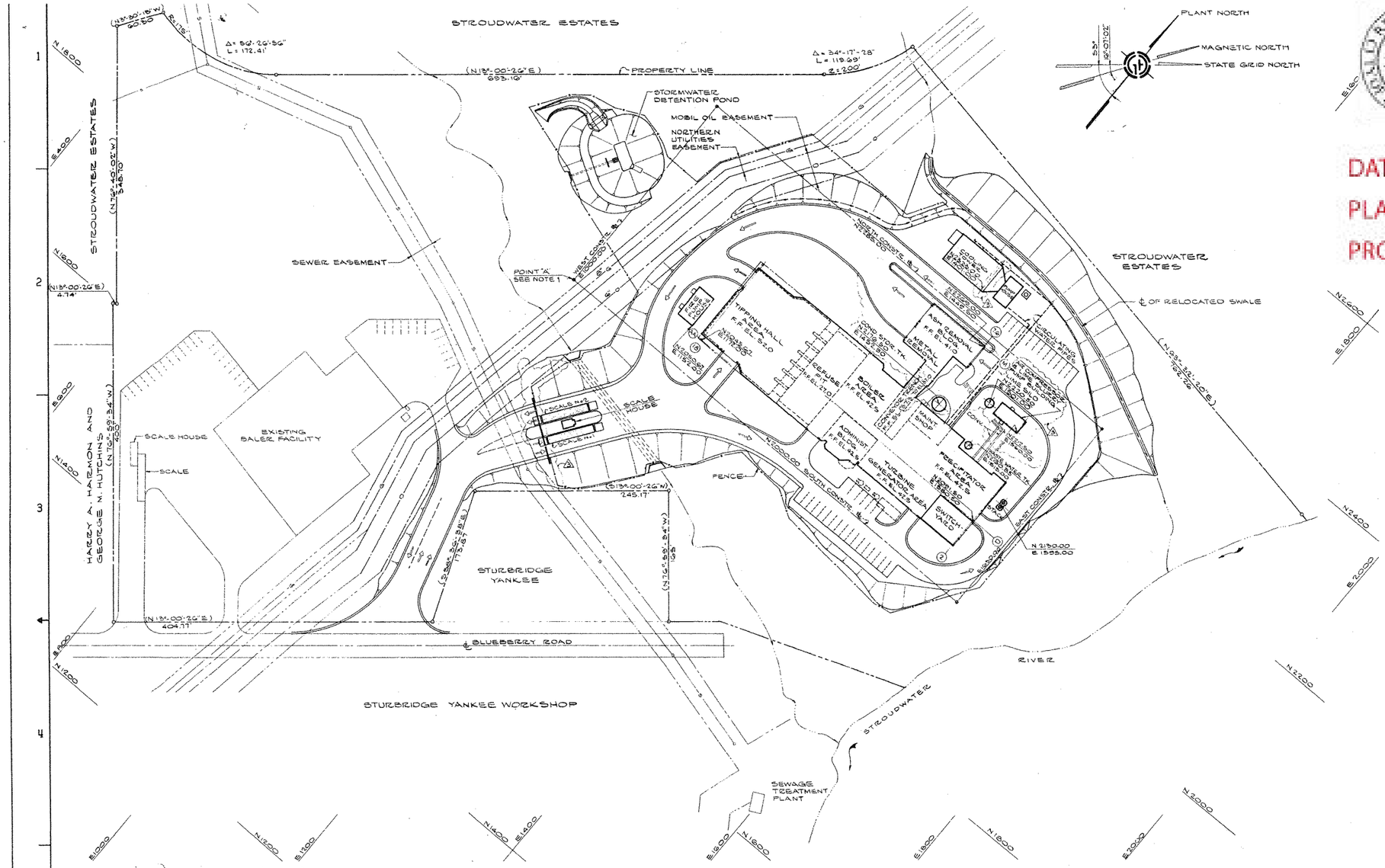

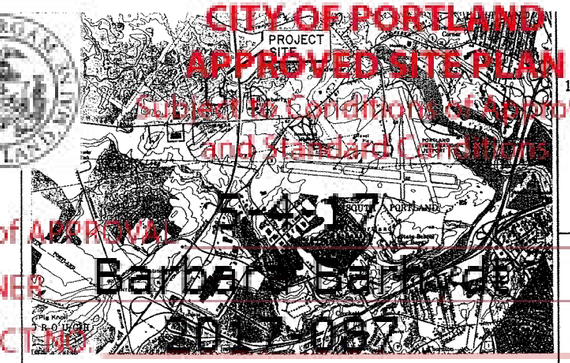

CITY OF PORTLAND
APPROVED SITE PLAN
Subject to Conditions of Approval and Standard Conditions

DATE of APPROVAL: 5-4-17
PLANNER: Barbara Barhydt
PROJECT NO.: 2017-087

REFERENCE SPECIFICATIONS

SCS-1 SURFACE BORING & SAMPLING
SCS-2 LABORATORY TESTING - SOIL & ROCK
SCS-3 GENERAL SITE WORK, SITE PREPARATION & ROUGH GRADING
SCS-4 PILING
SCS-7 ROADS & PAVED AREAS
SCS-8 FINAL GRADING
SCS-9 FENCING

REFERENCE DRAWINGS:

ECSC-0100 BORING LOCATION PLAN
ECSC-0101 SITE PLOT PLAN
ECSC-0102 ROUGH GRADING PLAN - PHASE I
ECSC-0103 ROUGH GRADING PLAN - PHASE II
ECSC-0104 ROUGH GRADING - SECTIONS & DETAILS
ECSC-0105 FINAL GRADING, DRAINAGE & PAVING PLAN - SHEET 1
ECSC-0106 FINAL GRADING, DRAINAGE & PAVING PLAN - SHEET 2
ECSC-0107 SITE DEVELOPMENT SECTIONS & DETAILS, SHEET 1
ECSC-0108 SITE DEVELOPMENT SECTIONS & DETAILS, SHEET 2
ECSC-0109 NOT USED
ECSC-0110 COMPOSITE SITE UTILITY PLAN - SHEET 1
ECSC-0111 COMPOSITE SITE UTILITY PLAN - SHEET 2
ECSC-0112 PLANTING PLAN

GENERAL NOTES:

1.- PLANT COORDINATES OF POINT 'A', N2000.00 AND E1000.00 CORRESPOND TO THE STATE GRID COORDINATES OF N289,186.00 & E455,298.00
2- PROPERTY LINE BEARINGS SHOWN IN PARENTHESES ARE BASED ON MAGNETIC NORTH.

0 50 100 150 200 FT.

TECHNICAL SPECIFICATIONS FOR SITE FENCING

1.0 GENERAL INFORMATION AND SPECIAL REQUIREMENTS

1.1 The Contractor shall furnish and install Colorbond II industrial type vinyl clad, galvanized steel chain link fencing as manufactured by Colorguard Corporation or approved equal. Fencing includes vinyl clad galvanized steel fabric, barbed wire, framework, posts and fittings, and concrete footings, and all other appurtenances and accessories required for complete installation.

1.2 Perimeter fence location has been indicated on the drawings. The Contractor may suggest modifications to the locations shown to suit field conditions as long as they conform to the concept, subject to review by the Engineer.

1.3 Submittals: The Contractor shall submit detailed shop drawings of fencing including footings and installation details prior to fabrication.

2.0 MATERIALS AND INSTALLATION

2.1 Fencing shall be installed in accordance with the manufacturer's recommendations as reviewed by the Engineer.

2.2 Materials: All chain link fabric, wires, framework and fittings shall be vinyl clad and of Sherwood Green Color.

2.2.1 Chain Link Fabric - 9 gauge 0.148" O.D., minimum tensile strength of 75,000 psi, 84" high with a 2" mesh (bottom flush with finished grade).

2.2.2 Framework - All pipe shall be vinyl clad, Schedule 40 galvanized steel pipe conforming to ASTM A120.

a) Line Posts: 2.375" O.D., 3.65 plf, 10'-0" o.c. maximum spacing, embedded 36" in concrete footing.

b) Terminal Posts: All end, corner and pull posts shall be 2.875" O.D., 5.79 plf, embedded 36" in concrete footing. Corner posts shall be used at all changes of fence line of 30 degrees or more. Pull Posts

c) Gate Posts: Post size for leaf width of:

6 feet or less, 2.875" O.D., 5.79 plf
6 feet to 13 feet, 4" O.D., 9.11 plf
13 feet to 18 feet, 6.625" O.D., 18.79 plf

d) Top Rail: 1.66: O.D., 2.27 plf

2.2.3 All end, corner, gate and pull posts shall be braced in accordance with the reviewed shop drawings.

2.2.4 All posts shall be set in holes 4'-6" deep and diameter as indicated below. After the post has been set and plumbed, the hole shall be filled with 3000 psi concrete. The exposed surface of the concrete shall be crowned to shed water. Footings for gate posts shall extend to underside of bottom hinge.

Line posts	10" diameter hole
All other posts	12" diameter hole

2.2.5 Barbed Wire - 3 strands each consisting of vinyl clad galvanized double strand 11 gauge O.D. steel wire twisted together and 4 point barbs spaced 5" o.c.

2.2.6 Barbed wire extension arms shall be vinyl coated, galvanized steel designed for supporting three equally spaced strands of barbed wire at a 45 degree angle projection to the unsecured side of the fence system. Extension arms shall incorporate a weatherproof post cap, holes for passage of top rail and vandal proof attachment. The arm shall be capable of supporting 200 pounds applied at the top strand.

2.2.7 The height of the fence including barbed wire shall be eight (8) feet above finished grade.

THIS DOCUMENT IS IN FULL COMPLIANCE WITH THE BASIC AGREEMENT

DRAVO ENERGY RESOURCES, INC.

REGIONAL WASTE SYSTEMS, INC.
GREATER PORTLAND RESOURCE RECOVERY PROJECT