

**ADDENDUM NUMBER 2:
NEW HAMPSHIRE COOPERATIVE RECYCLING FACILITY
CONTRACT DOCUMENTS AND TECHNICAL SPECIFICATIONS**

**Issued: October 18, 2011
For Bids Due: October 26, 2011**

A. GENERAL

1. See attached sign in sheets for the Pre-Bid Conference. Sign in-sheets for both the facility and access roadway conferences are provided.
2. Bidders requested provision of PDF Drawings at the Pre-Bid Conferences.

PDFs of the Drawings and Specs are not being provided by the Owner and may be purchased and downloaded from Infinite Imaging.

3. The Schedule included in the Special Conditions and Instructions to Bidder for is intended to indicate that Substantial Completion Date of the Processing Building shall be August 17, 2012 so that the installation of the processing equipment can begin.

B. BIDDING DOCUMENTS

1. Special Conditions

- a. *Revise the 2nd Paragraph of SC I to Read as Follows:*

All bids shall be valid for a period of one hundred twenty (120) days from the date of the submission of the bid, and no bid may be withdrawn in whole or in part during that period.

2. Instructions to Bidders

- a. *Revise the construction start time in Item 1 to be on or before March 12, 2012.*

- b. *Revise the 2nd Sentence of Item 9 to Read as Follows:*

All bids shall be valid for a period of one hundred twenty (120) days from the date of the submission of the bid, and no bid may be withdrawn in whole or in part during that period.

3. Bid Proposal

- a. *Bidders requested the option of submitting the completed bid proposal form, following receipt of the proposed total price. This request is not acceptable to the Owner or Engineer for a variety of reasons.*

The Bid Proposal Shall Be Submitted With the Form Completed in Its Entirety as Indicated in Item 4.

C. ADMINISTRATIVE DOCUMENTS

1. Supplementary Conditions

- a. *Bidder requested deleting SC 11.6.2.5 to address the deduction of a 10% fee for items that are deleted.*

We have reviewed this request and are leaving SC 11.6.2.5 unchanged.

D. TECHNICAL SPECIFICATIONS

1. Section 018100 Commissioning

- a. *Add the Following Sentence to Part 1.3 D.:*
The Commissioning Authority shall be retained and paid for by the Owner.

2. Section 075400 Thermoplastic Membrane Roofing

- a. *Add the following to Part 2.01.A:*
 3. Johns Manville TPO
 4. GAF, EverGuard.

- b. *Add the following to Part 2.01.B:*
 5. Johns Manville, ENRGY 3

3. Section 084313

- a. *Revise Part 2.03 C to from Aluminum project-out awning to Aluminum project out casement.*

4. Section 088000 Glazing

- a. *Add Part 2.01.D to Read as Follows:*

D. Type S-4 Decorative Safety Glazing.

1. Applications: Provide this glazing in glazed lites for Doors 105, 202 and 215A.

2. Decorative Safety Glazing shall comply with 16 CFR 1201 test requirements for Category II.

3. Provide Lumicor Recycled Glass, Mixed Bottles, ¼” gauge minimum, as required.

5. Section 115000 Scale System

a. *Revise Part 2.A to specify a heavy duty truck scale and to Read as Follows:*

The scales shall be a 80’ x 11’ truck scale with steel deck panels by Avery Weigh-Tronix – BridgeMont Steel HD 8011-100T, or approved equal.

b. *Revise the 1st Sentence of Part 2.I to Read as Follows:*

The automated truck scale controllers shall be Avery Weigh-Tronix AVS-7.

c. *Revise the 2nd Sentence of Part 2.J to Read as Follows:*

The system shall be installed on a personal computer, supplied and installed by the Contractor in the scalehouse, with Windows 7 operating system and connected to the operations computer system (supplied by others).

6. Section 132000 Metal Building & Canopy Roofs

a. *Remove the reference to insulation in Part 1.01 C, as insulation is not required in the PEMB.*

b. *Add Part 1.06 C to Read as Follows:*

C. Modifications required to the building foundation design to accommodate plans submitted by the Metal Building Manufacturer shall be the responsibility of the Contractor. Proposed design modifications shall be prepared by a NH licensed engineer. Review by Owner’s Structural Engineer will be at no cost to the Contractor.

c. *Add Part 2.01 J FRP Daylight Panels to Read as Follows:*

J. FRP Daylight Panels

1. The fiberglass reinforced plastic daylight wall panels shall be translucent Duralite Non Fire Rated panels by Crane Composites, or approved equal.
2. Panels shall be nominal 8 oz/sf and have a nominal light transmittance of 80% as determined by ASTM D1494.
3. Profile of the daylight panels shall match the wall panel of the PEMB.

D. CONSTRUCTION DRAWINGS

1. Drawing C-3

a. *Replace Existing Drawing with Drawing Revised Per Addendum No. 2 to indicate Access Roadway Contractor is to complete the water line adjustment, hydrant, and 8" water service and sewer service lateral to the limit of the Right-of-Way.*

b. *Drawing is also revised to Add Note 18 to Read as Follows:*

18. In accordance with Section 001500, Item 2, Contractor shall install up to 16 additional bollards following installation of the processing equipment and furnish and install up to 60 tongue and groove concrete waste blocks to prepare interior storage bunkers.

c. *Drawing is also revised to include revisions to the pavement limits at the northwest corner of the facility to provide access to a 12' x 14' overhead door. Landscaping revisions also include concrete pavement at revised personnel door location. These changes will also affect the landscape, architectural, structural and mechanical drawings for this area.*

2. Drawing C-4

a. *Replace Existing Drawing with Drawing Revised Per Addendum No. 2 to indicate Access Roadway Contractor is to complete water line adjustment, hydrant, and 8" water service and sewer service lateral to the limit of the Right-of-Way.*

b. *Drawing is also revised to add 1" C with 2 #10 and 1 #10 G to power the cantilevered gate operator from Panel H-14. Operator and key pad to be located on easterly side of gate. Conduit may run with lighting conduit trench until it reaches gate location.*

3. Drawing C-8

a. *Revise Note 1 on Detail L to indicate Acodrain Fiberglass FG200 or approved equal.*

4. Drawing L-1

a. *Concrete pavement, landscaping and stormwater capturing drip line are modified at the northwest corner of the building to reflect changes included in the revised Drawing C-3.*

5. Drawing L-6

- a. *Revise height of Cantilevered Gate (Detail 23) to be 8'.*
- b. *Add the following Sentence to Note 2 of Detail 23.*
Gate operator and key pad shall be located on the easterly side of the driveway. Gate shall open toward the east. Gate operator shall also be remotely operated. Five remote shall be furnished to the Owner. Detector loops shall be installed to provide free exit.

6. Drawing SA1.0

- a. *Add concrete slab between the Glass Processing Bunker Walls (Between Lines E and G). Top of slab elevation shall be 306'-0". Slab shall be 8" thick 4000 psi concrete slab on grade with #4 bars 12" O.C. each way chaired at mid depth of slab over min 8" clean crushed gravel compacted to min. 95% M.D.D. Slab connection to Bunker Wall shall be similar to Section 33/S1.8.*
- b. *Section 3/SA1.1 on Line 5 between Lines N and O is revised to 11/SA1.4 to provide drop in frost wall for 12'-0" overhead door, 2.5 feet south of Line O, per Revised Drawing C-3.*
- c. *Pass Door Detail 12/SA1.4 on Line 5 between Lines N and O is relocated so that the pass door is located 2.5 feet to the south of Line N per Revised Drawing C-3.*

7. Drawing A1-0

- a. *Add 12'-0" wide Overhead Door 011J on Line 5 between Lines N and O, 2.5 feet south of Line O, per Revised Drawing C-3.*
- b. *Relocate Pass Door 011I and FEC on Line 5 between Lines N and O so that the pass door is located 2.5 feet to the south of Line N per Revised Drawing C-3.*

8. Drawing A2-1

- a. *Metal panel indicated on the East wall of Corridor 121 & Corridor 218 shall be the Vertical Metal Wall panel indicated in Section 074213, Part 2.02 G.1, Vertical Metal Panel S16.*

9. Drawing A2-2

- a. *Glazing for Doors 101A, 201, & 214 shall be Glass-Ceramic Safety Glazing as indicated in Section 088000 Part 2.03 B.*
- b. *Add Door 011J to Door Schedule to indicate 12'-0" x 14'-0" nominal size, Steel Sectional O.H., Steel Ptd, Hardware Set #16, and Provide Full Vertical Follow the Roof Track and Operator, similar to Door 011A.*

10. Drawing A3-1

- a. *Clarification: Refer to Mechanical Drawings for actual quantity and location of louvers and vents for the PEMB and Office.*
- b. *On the East Elevation, Louvers are located between Column Lines C/D, D/E, G/H, H/I, and L/M, while Exhaust Fans are located between Column Lines J/K and N/O.*
- c. *On the West Elevation, the upper Louver shown between O/N shall be an Exhaust Fan.*
- d. *On West Elevation, add Overhead Door between lines N/O, and relocate the Pass Door to the south beyond Line N, per changes to A1-0. Relocate lower Louver between Lines N/O to be between N/M.*

11. Drawing A4-4

- a. *Exterior Wall Depicted on Section 2/A4-1 Shall be Revised to be Similar to Section 1/A4-1.*

12. Drawing A5-1

- a. *Elevations 6/A1-2 & 8/A1-2 the chair rail shall be clear maple of actual dimensions of 1" deep with 15 degree angled top x 1 1/2" high with 1/4" deep reglet to receive the all tile.*

13. Drawing A6-3

- a. *Section 5 – Handrail shall be White Maple as detailed on Section 6.*

14. Drawing H-10

- a. *Louver and CO Detector on Line 5 between lines N/O shall be relocated to the south of Line N to accommodate overhead door. Confirm locations in the field with Engineer.*

15. Drawing E2-1

- a. *Notes Adjacent to the G Fixtures in Room 215 that indicate 15, shall be Modified to Note 15A to refer to emergency lighting.*

16. Drawing E3-2

- a. *Add overhead door on Line 5 between lines N/O and provide SE, DO, and Door Control with disconnect and connect power to Circuit D-2.*

17. Drawing E-4

- a. *The Following Clarifications are Provided:*
1. Power metering: The design is based on current transformers installed on the secondary side of the utility transformer. At the transformer the utility meter must be mounted with the center of the dial 5 feet plus or minus 1/8 inch. If the finish grade changes, the meter will need to be adjusted accordingly (to conform to utility standards).
 2. Transformer pad: Field coordinate transformer pad vault location and orientation with the serving utility before installation.
 3. Transformer grounding: Provide 2/0 (113 KcMil) bare copper ground grid around the transformer vault to the utility standards. Bond to 4/0 copper building ground grid.
 4. The power riser diagram for the project electrical service shown on Drawing E-4 is a graphic representation of the service. The service equipment can be purchased as a bussed assembly or separate units cabled together in the field.
 5. Exterior lighting and exterior lighting controls are powered from Panel H in Room 117. The time clocks and other lighting control equipment can be located adjacent to Panel H.
- b. *Add the following Note to the Fire Alarm Riser:*
- The processing building will be essentially unheated damp and dusty environment. Provide an addressable monitor module for the 5 pull stations in the process area/building. Field locate the module in a heated area. Provide weatherproof horn/strobe units in the process area/building. There are 7 horn/strobe, 5 strobe and 2 future strobe units shown on the drawings, all 110 cd.
- c. *Add a "1" to Telephone column in Telecom Table T1 for Tel/Com location T1-3, to provide telephone cabling to the elevator.*

END OF ADDENDUM NO. 2

PRE-BID CONFERENCE

NH Cooperative Recycling Facility

Wednesday, October 12, 2011 at 10:00 AM

	Company Name	Representative	Phone/Fax E-mail
	Riess Construction	Pat Riess	603-536-7156 FAX 7157 pat@riessconst.com
	Piquette & Huxford Electric	David Doyle	603-382-3182 david.doyle@PHelectric.net
	MERIDIAN CONST CORP	TIM LOWE	527-0101 TIM@MERIDIANNH.COM
	Ricci Construction	BUTCH Ricca	P 4363112 F 603 4363935 bricci@ricci construction.com
	DBU construction	Dave Flasef	P 736-9100 F 736-9101 DFlasef@DBU-CONSTRUCTION.COM
	HILTZ CONST INC	Rusty Smith	603-968-3262
	DANIEL LADD SITEWORK	Jeff BRISSETTE	603 235 3756 Ladd Excavation @GMAIL.COM
	SARGENT Corp.	Steve Perry	207-827-4435 sperry@sargent-corp.com

PRE-BID CONFERENCE

NH Cooperative Recycling Facility
 Wednesday, October 12, 2011 at 10:00 AM

	Company Name	Representative	Phone/Fax E-mail
	Torply Corp + Dan	W. Torply	603 924 3003 P - 9521 F btorply e torplycorp@windn.com
	Associated Construction 1010 Westfield Ave Hartford, CT 06114	Jim Martucci	(860) 296-4114 FAX (860) 296-7206 JMM@accqc.com
	Interstate Electrical Services	Jared Treshinsky	603 627 3230 JTreshinsky@IESS1.com
	T-Buck Construction	John Steele Mark McHeterell	Mark@thudcon.net FAX 703-6230 703-6223 ext 203
	Sheridan	Jim Anderson	207-774-6138 janderson@sheridancorp.com
	TPD Construction	Tim Dumont	207-490-5900 Tim@tpdconstruction.com
	NORTH BRANCH CONST	ERIK HASTINGS	224-3233 EHASTINGS@NORTHBRANCH.NET
	ECKMAN CONSTRUCTION	ARON RAVENELLE	623-1713x224 rav@eckmanconstruction.com
	Gordon Const. Inc. 5th South St. Beverly H.	Vern Gordon	603-224-1495 bytheyd@comcast.net

PRE-BID CONFERENCE

Access Roadway - NH Cooperative Recycling Facility

Wednesday, October 12, 2011 at 10:45 AM

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	J. Parker & Daughters Inc	Denise Parker	603 435-6750 Ph 435-7620 FAX parker1@metrocast.net
	SARGENT CORPORATION	Steve Sperry	201-827-4435 201-827-3148 sperry@sargent-corp.com
	CHARTER ENVIRONMENTAL	CHRIS RYAN	857-246-6800 CRYAN@CHARTERENVIRONMENTAL.COM
	Weaver Bros. Const. Co. Inc	Adam Babes	228-8631 ababes@wbcc.biz
	Weaver Bros. Const.	Brian Good	(603)228-8631 Phone (603)228-5375 Fax bgood@wbcc.biz
	R. D. EDMUNDS & Sons	Ron Butka	603-934-4869 ROBIN@METROCAST.NET
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PRE-BID CONFERENCE

Access Roadway - NH Cooperative Recycling Facility

Wednesday, October 12, 2011 at 10:45 AM

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	Weaver Bros Const. Co. Inc	Briain Good	(603) 228-8631 Phone (603) 228-5375 Fax bgood@wbcc.biz
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	ESTES & GALLUP	TIM ESTES	603 795-4400 TIM@ESTES-GALLUP.COM

PRE-BID CONFERENCE

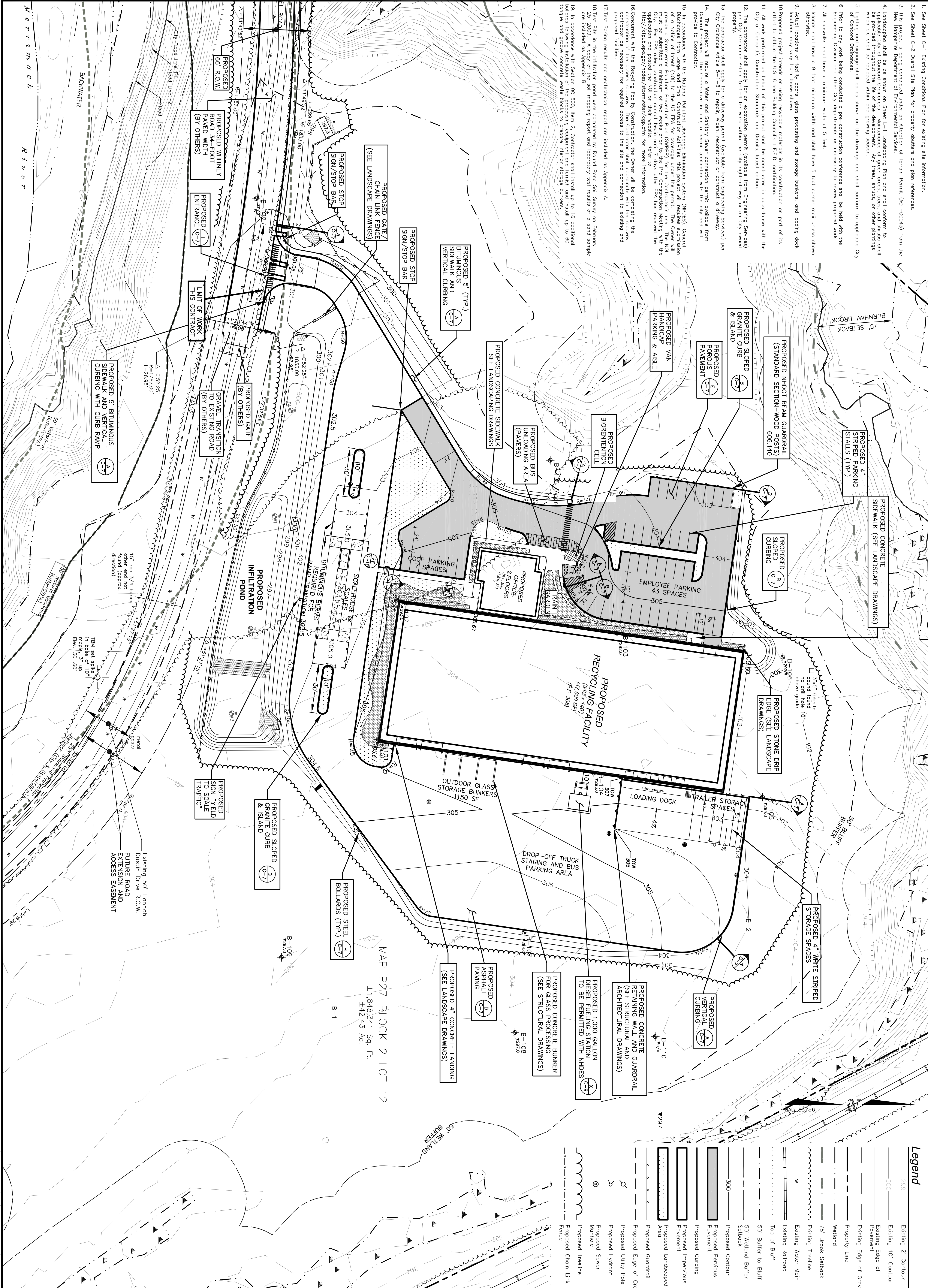
Access Roadway - NH Cooperative Recycling Facility

Wednesday, October 12, 2011 at 10:45 AM

	Company Name	Representative	Phone/Fax E-mail
	Gordon Const, Inc. 511 south st. Bow NH 03304	Vern Gordon	603 224-1495 603 224-3959 bythedyde.comcast.net
	HILTZ CONSTRUCTION Inc Box 563 Ashland N.H 03217	RUSTY SMITH	603-968-3262

Notes

1. See Sheet C-1 Existing Conditions Plan for existing site information.
2. See Sheet C-2 Overall Site Plan for property abutters and plan references.
3. New Hampshire Department of Environmental Services.
4. Landscaping shall be as shown on Sheet L-1 Landscaping Plan and shall conform to the New Hampshire Department of Environmental Services. Any trees, shrubs, or other plantings which die shall be replaced within one growing season.
5. Lighting and signage shall be as shown on the drawings and shall conform to applicable City of Concord Ordinances.
6. Prior to any work being conducted a pre-construction conference shall be held with the Engineering Division and other City departments as necessary to review proposed work.
7. All sidewalks shall have a minimum width of 5 feet.
8. Islands shall have a 9 foot minimum width and shall have 5 foot corner radii unless shown otherwise.
9. Actual locations of facility doors, glass processing and storage bunkers, and loading dock locations may vary from those shown.
10. Proposed project intends on using recyclable materials in its construction as part of its effort to obtain the U.S. Green Building Council's L.E.E.D. certification.
11. All work performed on behalf of this project shall be constructed in accordance with the City of Concord's Construction Standards and Details, latest edition.
12. The contractor shall apply for an excavation permit (available from Engineering Services) and a Sanitary Sewer Permit (available from the City of Concord's Engineering Services) prior to construction.
13. The contractor shall apply for a driveway permit (available from Engineering Services) per City Ordinance Article 5-8 to re-surface, reconstruct or construct a driveway.
14. The project will require a Water and Sanitary Sewer connection permit obtainable from the City of Concord.
15. In accordance with the National Pollutant Discharge Elimination System (NPDES) General Discharge Permit for the City of Concord, the contractor shall obtain a permit from the City of Concord to discharge stormwater to the US EPA for coverage under the permit. The Owner will provide a minimum of two weeks prior to the Pre-Construction Meeting with the NPDES permit application and the NPDES permit. Refer to the City of Concord's website for the application and posted the NOI on their website. Refer to <http://cdps.epa.gov/npdes/stormwater/sgp.htm> for more information.
16. Concurrent with the Recycling Facility Construction, the Owner will be completing the construction of the access roadway. The Contractor shall coordinate with the roadway contractor as necessary for required access to the site and connection to existing and proposed facilities.
17. Test Boring results and geotechnical report are included as Appendix A.
18. Test Pit in the infiltration pond were completed by Round Pond Soil Survey on February 25, 2009. A copy of the soil mapping report and laboratory test results of a sand sample are included as Appendix B.
19. In accordance with Section 001500, Item 2, Contractor shall install up to 16 additional bollards following installation of the processing equipment and furnish and install up to 60 tongue and groove concrete walk blocks to prepare interior storage bunkers.



MAP P27 BLOCK 2 LOT 12
±1,848,341 Sq. Ft.
±472.43 Ac.

Legend

- Existing 2" Contour
- Existing 10' Contour
- Existing Edge of Pavement
- Existing Edge of Gravel
- Property Line
- Wetland
- 75' Brook Setback
- Existing Trestle
- Existing Water Main
- Existing Railroad
- Top of Bluff
- 50' Buffer to Bluff
- 50' Wetland Buffer
- Proposed Contour
- Proposed Perimeter
- Proposed Impermeous
- Proposed Limestone
- Proposed Gravel
- Proposed Edge of Grovet
- Proposed Utility Pole
- Proposed Hydrant
- Proposed Sewer
- Proposed Manhole
- Proposed Trestle
- Proposed Chain Link Fence

no.	revision	date	by
1	Revised per Addendum #2	10/18/11	JSM

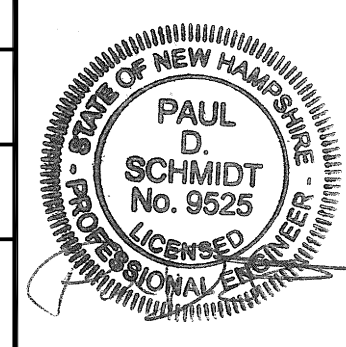
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Civil/Environmental Engineers

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Lafayette Center
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date:	September 2011	designed by:	AJS/USM
project no:	660	drawn by:	AJS
file name:	660c40SP110909REV1.dwg	approved by:	PDS
scale:	1" = 40'		

CRSW/RRC
347-B Village Street, Penacook, NH 03303

New Hampshire Cooperative Recycling Facility

Construction Drawings
Site Plan

Sheet: 3 of 10
Drawing no.: C-3

