

APPENDIX K

AUG-25-2003 MON 01:04 PM TG CONSTRUCTION

FAX NO. 3108402907

P. 03/03

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 -- Recycled Content / Credit 5 -- Local/Regional Materials

I certify that the Reinforcing Steel provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 100 % Post Consumer and/or 0 % Post Industrial recycled content in accordance with the table below. The Rebar was manufactured at the Tanco 12459 Arrow Hwy, located in Rancho Cucamonga, CA (17 miles from the site). Additionally, the raw materials used in the manufacture of the Cascade Steel was McMinnville in Oregon, CA (980 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Robert Main
Vice President
Canoga Rebar, Inc

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Reinforcing Steel	100	0	17	980

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the CONCRETE provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 0 % Post Consumer and/or 5 % Post Industrial recycled content in accordance with the table below. The CONCRETE was manufactured at the CORONA, CA located in CA (City) CA (10 TO 15) miles from the site). Additionally, the raw materials used in the manufacture of the FLY ASH was Recycled in MONTROSE, CA (City) 100 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

JEFF RADTKE
Name
V.P.
Title
BROWNCO
Company

Description of Material(s)	LEED MR.C04		LEED MR.C03.1	LEED MR.C03.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
FLY ASH	N/A	5%	15	100.

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the AGGREGATES (Rock & Sand) provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 0 % Post Consumer and/or 100 % Post Industrial recycled content in accordance with the table below. The AGGREGATE was manufactured at the VARIOUS LOCATIONS located in VARIOUS, CA (50 miles from the site). Additionally, the raw materials used in the manufacture of the AGGREGATES was EXTRACTED/QUARRIED in VARIOUS, CA (50 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Rita E. Stein
Name
INFRA-STRUCTURE Aggregates, Inc.
Title
PRESIDENT
Company

9-3-03

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
<u>AGGREGATES MFG.</u>		<u>100%</u>	<u>± 50</u>	<u>N/A</u>
<u>CRB - RECYCLED</u>		<u>100%</u>	<u>± 15</u>	

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

AUG-25-2003 MON 01:20 PM TG CONSTRUCTION

FAX NO. 3106402907

P. 03/03

TG Construction
 119 Standard Street
 El Segundo, CA 90245-3833
 Attn: Brinn Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the FABRICATED STEEL provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 59 % Post Consumer and/or 31.9 % Post Industrial recycled content in accordance with the table below. The FAB'D STEEL was manufactured at the LAW STEEL 820 So. Normandie St. Banning, CA, located in Banning, CA (59 miles from the site). Additionally, the raw materials used in the manufacture of the N/A was N/A in N/A, CA (N/A miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Dan Woodworth
 Name
Operations Manager
 Title
LAW STEEL INC.
 Company

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacturer Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
<u>FABRICATED STEEL</u>	<u>59</u>	<u>31.9</u>	<u>59</u>	<u>N/A</u>

** Fill in date for each separate material - Fill in N/A for all fields that do not apply. **

TG Construction
 119 Standard Street
 El Segundo, CA 90245-3833
 Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 – Recycled Content / Credit 5 – Local/Regional Materials

I certify that the LUMBER Specific Material provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 46 % Post Consumer and/or 46 % Post Industrial recycled content in accordance with the table below. The LUMBER Specific Material was manufactured at the AINSVORTH MILL Manufactured and Harvest Location, located in POOLE City, 21000 Mileage miles from the site). Additionally, the raw materials used in the manufacture of the LUMBER Specific Material was HARVESTED Harvest, Harvested or Recycled in DAITO City, 21000 Mileage miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

OB Name
MR. TIMBER Title
Company

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
LUMBER	46	51	1000	1000

** Fill in data for each separate material – Fill in N/A for all fields that do not apply. **

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schlitz

RE: LEED Materials and Resources Credit 4 -- Recycled Content / Credit 5 -- Local/Regional Materials

I certify that the AVONITE COUNTERTOPS provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 100 % Post Consumer and/or 0 % Post Industrial recycled content in accordance with the table below. The AVONITE was manufactured at the ATOPEN-CANTON located in Hartman, BC, CA (35 miles from the site). Additionally, the raw materials used in the manufacture of the AVONITE was RECOVERCO in Pomona, CA (8 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

MARTA L. LIBBY
OWNER
ATOPEN-CANTON
(Company)

Description of Material(s)	LEED MR.C04		LEED MR.C03.1	LEED MR.C03.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
AVONITE	100	N/A	35	8

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

TG Construction
 119 Standard Street
 El Segundo, CA 90245-3833
 Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the translucent panel skylights Specific Material provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 10 % Post Consumer and/or 21 % Post Industrial recycled content in accordance with the table below. The translucent panels Specific Material was manufactured at the Kalwall Corp., 1111 Candia St. Manufacturer and Address Location located in Manchester City XCA State (NH 3,000 Mileage miles from the site). Additionally, the raw materials used in the manufacture of the Kalwall panels Specific Material was extracted Harvest, Extraction or Processing in NH City, CA (3,000 Mileage miles from the site). (translucent panels) Specific Material Manchester City

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Patty Sayles Name
Contract/ SALES Title
Carmel Arch. Sales Company

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Translucent Panels	10%	21%	3,000	3,000

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brinn Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the Fiberglass Insulation Specific Material provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 30 % Post Consumer and/or 30 % Post Industrial recycled content in accordance with the table below. The Fiberglass Insulation was manufactured at the Johns Manville Plant Manufacture and Address Location, located in Willows City, CA (500 Mileage miles from the site). Additionally, the raw materials used in the manufacture of the Fiberglass Insulation Specific Material was J.M. Plant Manufacture, Fabricated or Recovered in Willows City, CA (500 Mileage miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

John Zimmerman
Name
Vice President
Title
Viking Insulation Co.
Company

Description of Material(s)	LEED MR.C04		LEED MR.C03.1	LEED MR.C03.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Fiberglass Insulation	30%	30%	500	500

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

09/11/2003 09:46 7142797910

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09/12/2003 11:34

09/09/2003 14:26 7142797910

NO. 564 0002
DATE 04/02

BUG-25-2003 MON 01:44 PM TG CONSTRUCTION

FAX NO. 3106402907

P. 03/03

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schlitz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the USG #86985 MARS provided for and installed by the Empire Utilities Agency Headquarters Project, in Chino, contains 0 % Post Consumer and/or 77 % Post Industrial recycled content in accordance with the table below. The Ceiling Tile was manufactured at the Cleghat Mfg. - USA, located in Cleghat, CA (200 miles from the site). Additionally, the raw materials used in the manufacture of the Ceiling Tile was recycled in Cleghat, CA (200 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Robert Campbell
Name
Sales Rep.
Title
Campbell
Company

Description of Material(s)	LEED MR.C4		LEED MR.C5.1	LEED MR.C5.2
	Material Recycled Content (%)		Manufacture Location	Manufacture Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Ceiling Tiles	77	0	2000	2000

** Fill in data for each separate material - fill in N/A for all fields that do not apply. **

AUG-25-2003 MON 01:16 PM TG CONSTRUCTION

FAX NO. 3106402907

P. 03/03

TG Construction
 119 Standard Street
 El Segundo, CA 90245-3833
 Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the Bathroom Tiles provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 58 % Post Consumer and/or 0 % Post Industrial recycled content in accordance with the table below. The Bathroom Tiles was manufactured at the Terra Green - Progress Dr. located in Richmond IN 2105 miles from the site). Additionally, the raw materials used in the manufacture of the Bathroom Tiles was Recovered in ALL OF States CA (? miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

President.
Grove House Const. + Dev. Inc.

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Bathroom Tiles	58%	0	2,105	All over United States.

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

9/27/2003 07:32 FAX 403 203 8943
AUG-25-2003 MON 01:33 PM TG CONSTRUCTION

SMED INTERNATIONAL
SMED INTERN L.A.
FAX NO. 3108402907

002/002
003
P. 03/03

TG Construction
119 Standard Street
El Segundo, CA 90245-3833
Attn: Brian Schiltz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the NEXUS RAISED FLOORING provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 0 % Post Consumer and/or 44 % Post Industrial recycled content in accordance with the table below. The NEXUS FLOORING was manufactured at the SMED INTERNATIONAL HEAD OFFICE, located in CALGARY, ALBERTA, CANADA (1190 miles from the site). Additionally, the raw materials used in the manufacture of the NEXUS FLOORING was UNKNOWN in UNKNOWN, CA (UNKNOWN miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards, KEVIN MCNEILL

KEVIN MCNEILL
VP FINANCE
SMED INTERNATIONAL
Company

Description of Material(s)	LEED MR.C04		LEED MR.C05.1	LEED MR.C05.2
	Material Recycled Content (%)		Manufacture Location	Material Harvest Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Nexus Raised Flooring	N/A	44	1190	N/A

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

70 Construction
 119 Standard Street
 El Segundo, CA 90245-3833
 Attn: Brian Schiliz

RE: LEED Materials and Resources Credit 4 - Recycled Content / Credit 5 - Local/Regional Materials

I certify that the Fencing material provided for and installed at the Inland Empire Utilities Agency Headquarters Project, in Chino, contains 100 % Post Consumer and/or 0 % Post Industrial recycled content in accordance with the table below. The Fencing was manufactured at the 2707 East Ave I, located in LITCHFIELD, CA (56 miles from the site). Additionally, the raw materials used in the manufacture of the Galvalume Steel was WFG in L.A. CA (40 miles from the site).

I have attached product information sheets for each of the products noted above. Please feel free to contact me if you need additional information.

Regards,

Samuel Blue Jr.
President
West Coast Fence
 Company

Description of Material(s)	LEED MR.C4		LEED MR.C5.1	LEED MR.C5.2
	Material Recycled Content (%)		Manufacture Location	Material Origin Location
	Post Consumer	Post Industrial	Miles From Site	Miles From Site
Fencing	100	N/A	56	40

** Fill in data for each separate material - Fill in N/A for all fields that do not apply. **

APPENDIX L

MR Credit 5.1: Local/Regional Materials, 20% Manufactured Locally

Intent

Increase demand for building products that are manufactured locally, thereby reducing the environmental impacts resulting from transportation, and supporting the local economy.

Requirements

Specify a minimum of 20% of building materials that are manufactured regionally within a radius of 500 miles. (1 point)

Submittals

- ☒ Provide specifications and contractor submittals highlighting local materials installed.
- ☒ Provide a spreadsheet of all materials used on the project highlighting locally manufactured materials. Include the location of the material manufacturer, the distance from the manufacturer to the project site, the costs of all materials for the project, and calculations demonstrating that 20% of building materials are manufactured within 500 miles of the project.

Narrative

The project was designed and constructed using local and regional manufacturers and materials for many of the construction materials. As a result, the project has achieved 67% locally manufactured materials overall. The values indicated on the attached calculation spreadsheet were obtained from TG Construction's schedule of values.

Certification letters from each manufacturer/supplier, listing the location of manufacture and harvest, have been provided for each of the materials tracked under this credit.

Supporting Documents

- ☒ Calculations 1) LEED™ Calculator Spreadsheet demonstrating 67% Local Manufacture Performance and 89% (of local manufacture) Local Harvest.
- ☒ Specifications 2) Excerpt from 01351 Environmental Procedures for Local and Regional Materials
- ☒ Cut Sheets 3) Cut sheets and/or certification letters from suppliers/manufacturers demonstrating local manufacture and/or local harvest for each tracked material
- ☐ Other

Prepared by

Marc J. Cohen, AIA, LEED™ AP
CTG Energetics, Inc.

Date Nov. 25, 2003

IEUA Headquarters Building - MR Credit 4 / MR Credit 5

Materials Table

Description of Material	Total Construction Cost				Material Cost (Less Labor & Equipment)				Local/Regional Materials		
	(\$)	(\$)	(\$)	(\$)	Equipment Cost	Labor Cost	(\$)	(\$)	Credit 5.1 Manufacture	Credit 5.2 Harvested	Distance From Site (Miles)
02 SITEWORK											
02200 Grading - AL MacIntosh	\$112,134		\$48,000	\$12,000			\$52,134				
02300 Excavation - Van Diest	\$151,000		\$32,000	\$16,500			\$102,500				
02700 Asphalt - Ben's Asphalt	\$199,443		\$60,251	\$35,076			\$104,116	\$104,116			20
02800 Landscape Materials - ParkWest	\$596,405		\$264,000	\$16,595			\$315,810	\$315,810			various within 500
03 CONCRETE											
03200 Rebar - Canoga / Tamco	\$95,093		\$47,546	\$0			\$47,547	\$47,547			17
03300 Water Feature - Pacific Aquascape	\$174,150		\$79,500	\$18,000			\$76,650				
03300 Concrete - Glen Arc / Cemex	\$610,768		\$274,000	\$35,000			\$301,768	\$355,768			13
03400 Concrete - Ben F Smith	\$137,743		\$75,640	\$13,000			\$49,103	\$62,743			15
03460 Concrete - Brownco	\$171,547		\$63,542	\$15,000			\$93,005	\$100,547			15 / 100
03460 Aggregates - ISA	\$112,000		\$49,880	\$0			\$62,120	\$247,500			50
03460 Pavers - Paver Décor	\$162,354		\$73,059	\$2,500			\$86,795	\$93,141			15 / 60
05 METALS											
05500 Steel - Law Steel	\$257,592		\$118,000	\$9,800			\$129,792	\$225,592			59
06 WOOD											
06050 Panelized Roof - MR Timber	\$246,169		\$112,700	\$20,000			\$113,469				
06050 Wood Framing - WS Klem	\$108,414		\$21,000	\$3,200			\$84,214				
06100 Millwork - SDC	\$121,000		\$54,450	\$0			\$66,550				
06100 Counter tops - A Top / Avonite	\$27,000		\$13,500	\$0			\$13,500	\$20,200			35
07 THERMAL / MOISTURE PROTECTION											
07100 Sheet Metal - United	\$84,005		\$37,650	\$1,500			\$44,855				
07400 Skylights - Carmel	\$103,332		\$48,456	\$1,800			\$53,076				
07400 Insulation - Viking	\$66,915		\$40,150	\$1,500			\$25,265	\$25,265			500
07500 Roofing - So Cal	\$177,319		\$78,652	\$15,000			\$83,667				
08 DOORS & WINDOWS											
08200 Doors - RPG	\$269,000		\$125,000	\$0			\$144,000				
08300 Windows - Town & Country	\$235,464		\$105,642	\$0			\$129,822				

IEUA Headquarters Building - MR Credit 4 / MR Credit 5

09 FINISHES										
09200	Drywall - A&R / USG		\$519,098	\$223,000	\$0	\$296,098	\$402,098	\$402,098		31
09300	Ceilings - John Jory / USG		\$273,341	\$123,542	\$0	\$149,799				
09500	Carpet / Flooring - Rouse		\$183,850	\$83,550	\$0	\$100,300				
09600	Tile - Grothouse		\$289,368	\$130,000	\$0	\$159,368				
09600	Paint - CLO		\$78,000	\$35,150	\$3,200	\$53,000				
09600	Wall Covering - Fabric Wallcraft		\$24,187	\$9,310	\$0	\$14,877				
10 SPECIALTIES										
10100	Raised Floor - SMED		\$16,165	\$6,900	\$0	\$9,265				
10150	Lockers -		\$16,775	\$7,000	\$0	\$9,775				
10200	Bathroom Accessories - Stumbaugh		\$49,101	\$22,540	\$0	\$26,561				
10300	Fencing - Alcorn / Western Fence		\$65,000	\$29,250	\$0	\$35,750	\$49,000	\$49,000		56
10500	Specialties - L2		\$12,975	\$5,400	\$0	\$7,575				
Division 15 and 16 are excluded										
						\$0				
						\$0				
TOTAL			\$5,746,707	\$2,450,260	\$207,671	\$3,042,126	\$2,049,327	\$1,823,735		

Local/Regional Materials Percentage (MR Credit 5.1)

67%

Local/Regional Materials Percentage (MR Credit 5.2)

89%