

F. MATERIALS AND RESOURCES

1.0 Construction Waste Management

Materials and Resources Credits 2.1-2.2: 2 (two) points

Objective: To divert construction, demolition, and land clearing debris from landfill disposal and redirect recyclable material back to the manufacturing process.

Narrative: The project has achieved a 77% diversion of construction-generated waste from landfill. This was achieved through on-site separation of concrete, wood, metal, cardboard, paper and plastic. TG Construction sub-contracted with Waste Management Inland Empire, for waste hauling and materials recycling.

Projects and Activities: A waste management plan was developed and implemented to quantify material diversion by weight. (Salvage included donation materials to charitable organizations such as Habitat for Humanity) At least 50% (by weight) of construction, demolition, and land clearing waste were recycled and/or salvaged.

The table below provides information on products considered and a list of companies that supply these products. **Please note:** this list should not be considered as a recommendation. Individuals/organizations using this information are responsible for researching the products and companies prior to engaging in any business agreement.

Product Used	Company	Address	Phone	Fax	Web Site
Construction Management	TG Construction, Inc.	119 Standard St. El Segundo, CA 90245	310-640-0220	310-640-2907	www.tgconst.com



Recycle Container

2.0 Recycled Content

Materials and Resources Credits 4.1-4.2: 2 (two) points

Objective: To increase demand for building products that have incorporated recycled content material, reducing the impacts resulting from extraction of new materials.

Narrative: The materials specified for and installed on the project were selected for their high level of recycled content. As a result, the project has achieved a 90% recycled content value overall. The values indicated on the calculation spreadsheet (Attachment 'J') were obtained from TG Construction's schedule of values for the project. See Attachment 'K' for certification letters from each manufacturer/supplier, listing the overall recycled content that has been provided for each of the materials tracked under this credit.

Projects and Activities: A minimum of 20% of building materials were manufactured regionally within a radius of 500 miles of the project area. A minimum of 25% of building materials contained in aggregate, a minimum weighted average of 20% post-consumer recycled content material, or, a minimum weighted average 40% post-industrial recycled content material.

The table below provides information on products considered and a list of companies that supply these products. **Please note:** this list should not be considered as a recommendation.

Individuals/organizations using this information are responsible for researching the products and companies prior to engaging in any business agreement.

Product Used	Company	Address	Phone	Fax	Web Site
Reinforced Steel	TAMCO	12459 Arrow Hwy Rancho Cucamonga	909-899-0660	909-899-1910	www.tamcosteel.com
Reinforced Steel	Canoga Rebar Inc.	10049 Canoga Ave. Chatsworth, CA 91311	818-998-7848	818-998-0906	www.canogarebar.com
Cascade Steel	TAMCO	3200 N Hwy 99W McMinnville, OR	909-899-0660	909-899-1910	www.tamcosteel.com
Fabricated Steel	Law Steel, Inc.	820 S. Hathaway Banning, CA 92220	909-922-2248	909-922-2391	www.lawsteel.com
Translucent Panel Skylights	Carmel Architectural Sales	1173 N. Armando St. Anaheim, CA 92806	714-630-7221	714-630-0668	www.carmelsales.com
Fiber glass	Johns Manville	717 17 th St. Denver, CO 80202	800-654-3103	604-978-2318	www.jm.com
Nexus Raised Flooring	Smed International	10 Smed Lane Calgary, Canada	800-661-9163	403-203-6001	www.smednet.com
Fly Ash	Calaveras Standard Materials Inc.	5150 Schaefer Ave. Chino, CA 91710	877-263-6848	909-628-4412	www.calaverascement.com
Wood Mulch	Whittier Fertilizer Co.	9441 Kruse Rd. Pico Rivera, CA 90660	562-699-3461	562-699-5430	http://whittierfertilizer.com
Rubberific Mulch (Artificial mulch)	International Mulch Company	1 Mulch Lane St. Louis, MO 63044	866-936-8524	314-336-1031	www.rubberificmulch.com
Fencing Material	Alcom Fence	6445 Pedley Rd. Riverside, CA 92509	909-685-5871	909-685-1641	www.alcomfence.com
Boulders	Intra-Structure Aggregate Inc.	PO Box 956 Alta Loma, CA 91701	909-941-3694	909-941-1797	none
Aggregates	Intra-Structure Aggregate Inc.	PO Box 956 Alta Loma, CA 91701	909-941-3694	909-941-1797	none

Product Used	Company	Address	Phone		Web Site
Ceilings	US Gypsum Company	125 South Franklin, Chicago, IL 60606	312-606-4000	888-874-2348	www.usg.com
Stabilized Decomposed Granite	Gail Materials	1256 Magnolia Ave. Corona, CA 92879	909-279-1095	909-279-0956	none
Asphalt	Ben's Asphalt Inc.	2200 S. Yale St. Santa Ana CA, 92704	714-540-1700	714-540-1709	www.bensasphalt.com
Bend-a-board	Epic Plastics	104 E. Turner Rd. Lodi, CA 95240	209-333-6161	209-333-6104	www.epicplastics.com
Ceramic Tiles	Terra Green Ceramics	1650 Progress Dr. Richmond, IN 47374	765-935-4760	765-935-3971	www.terragreenceramics.com
Restroom Partitions	Santana Solid Plastic Products	1300 Meylert Ave. PO Box 2021 Scranton, PA 18501	800-368-5002	570-348-2959	www.santanaproducts.com
Carpet Tiles	Collins & Aikman	250 Stephenson Hwy. Troy, MI 48083	248-824-2500	248-824-1613	www.collinsaikman.com
Lumber	Ainsworth Lumber Co. Ltd	1055 Dunsmuir St Vancouver BC, CA V7X 1L3	604-661-3260	604-661-3200	www.ainsworth.ca
Avonite Countertops	Avonite	7350 Empire Dr. Florence, KY 41042	800-354-9858	859-283-7378	www.avonite.com
Cement	Cemex	430 N. Vineyard Ave. Suite 500 Ontario, CA 91764	909-974-5500	909-974-5524	www.cemexusa.com
Parking Stops	Barco Products	11 N. Batavia Ave. Batavia, IL 60510	800-757-5460	630-879-8687	www.barcoproducts.com
Tire Veneer	Yemm & Heart Green Materials	1417 Madison Ave. #308 Marquand, MO 63655	573-783-5434	573-783-7544	www.yemmhart.com
Unit Pavers	Alpha & Omega Pavers Inc.	13621 Stacy Lynn Dr. Moreno Valley, CA 92555	909-924-8344	909-924-3074	www.alphapavers.com



Restroom Partitions and Ceramic Tiles (wall)



Parking Stops

3.0 Local/Regional Materials, 20% Manufactured Locally

Materials and Resources Credit 5.1: 1 (one) point

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

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 (see Attachment ‘L’).

Certification letters from each manufacturer/supplier, listing, location of manufacture and harvest, have been provided for each of the materials tracked under this credit (see Attachment ‘M’).

Projects and Activities: A minimum of 20% of building materials were manufactured regionally within a radius of 500 miles.

The table below provides information on products considered and a list of companies that supply these products. **Please note:** this list should not be considered as a recommendation. Individuals/organizations using this information are responsible for researching the products and companies prior to engaging in any business agreement.

Product Used	Company	Address	Phone	Fax	Web Site
Asphalt	Ben’s Asphalt Inc.	2200 S. Yale St. Santa Ana CA, 92704	714-540-1700	714-540-1709	www.bensasphalt.com
Water Feature	Pacific Aquascape	17620 Newhope St. Suite 120 Fountain Valley, CA 92708	714-843-5753	714-848-4820	none
Concrete	Ben F. Smith Inc.	4420 N. Baldwin Ave El Monte, CA 91731	626-444-5431	626-442-5431	www.benfsmithinc.com
Concrete	Cemex	840 Gessner Suite 1400 Houston, TX 77024	713-650-6200	713-653 6815	www.cemexusa.com
Aggregate	Infra-Structure Aggregates Inc.	PO Box 956 Alta Loma, CA 91701	909-941-3694	909941-1797	none
Pavers	Paver Decor	13621 Stacy Lynn Dr. Moreno Valley, CA 92555	909-367-4048	909-924-3074	www.paverdecor.com
Steel	Law Steel	820 Hathaway PO Box 515 Banning, CA 92220	909-922-2248	909-922-3502	www.lawsteel.com
Panelized Roof	MR Timber	12315 Oak Knoll Rd. Suite 210 Poway, CA 92064	858-679-4710	858-679-4720	www.mrtimber.com
Wood Framing	WS Klem	138 Arena St., Unit B El Segundo, CA 90245	310-414-0455	310-414-0464	none

Product Used	Company	Address	Phone	Fax	Web Site
Millwork	SDC	21114 S. Alameda St. Long Beach, CA 90810	310-549-4589	310-549-4304	none
Counter Tops	Avonite	7350 Empire Dr. Florence, KY 41042	800-354-9858	859-283-7378	www.avonite.com
Sheet Metal	United	3248 Mary St. Riverside, CA 92506	800-442-4998	909-682-2041	none
Skylights	Carmel Architectural Sales	1173 N Armando St Anaheim, CA 92806	714-630-7221	714-630-0668	www.carmelsales.com
Insulation	Viking	3014 Floyd St. Burbank, CA 91504	818-843-7212	323-849-3717	www.vikinginsulation.com
Roofing	So Cal	9623 E. Imperial Hwy Downey, CA 90242	562-803-5583	562-803-3934	www.solcalroof.com
Doors	RPG	874 N. Batavia Orange, CA 92868	714-761-8002	714-288-1437	www.rpgenterprises.com
Windows	Town & Country Glass	3230 E. Willow St. Long Beach, CA 90755	562-595-1703	562-988-0952	none
Drywall	A&R/USG	13112 ½ Athens Way Los Angeles, CA 90061	310-516-2112	310-324-8510	Drywallarusg@hotmail.com
Ceilings	John Jory/USG	1894 N. Main St. Orange, CA 92865	714-279-7901	714-279-7902	www.johnjory.com
Carpet/Flooring	Rouse	1901 Newport Blvd. #176 Costa Mesa, CA 92627	949-515-1110	949-515-0857	www.rousecompany.com
Accent Tiles	Ultra Glass	9186 Independence Ave. Chatsworth, CA 91311	800-777-2332	818-772-8231	www.ultraglas.com
Paint	CLO	10805 Artesia Blvd. Suite 112 Cerritos, CA 90703	562-809-6919	562-809-7599	none
Wall Covering	Fabric Wallcraft	2921 E. La Palma Ave. Anaheim, CA 92806	714-632-8373	714-632-8365	www.fabricwallcraft.com
Raised Floor	SMED	10 Smed Lane Calgary, CANADA	800-661-9163	403-203-6001	www.smednet.com
Lockers	Engineered Storage Systems, Inc.	15034 E. Proctor Ave City of Industry, CA 91746	626-961-0961	626-330-2235	www.engineeredstorage.com
Bathroom Accessories	Stumbaugh	3303 N. San Fernando Blvd. Burbank, CA 91504	866-788-6228	818-956-6684	www.stumbaugh.com
Fencing	Alcorn/Western Fence	6445 Pedley Rd. Riverside, CA 92509	909-685-5871	909-685-1641	www.alcornfence.com
Specialties	L2 Specialties, Inc.	3617 W. MacArthur Blvd. Suite 511 Santa Ana, CA 92704	714-979-5507	714-979-5505	www.l2specialties.com

4.0 Local/Regional Materials, 50% Harvested/Extracted Locally

Materials and Resources Credit 5.2: 1 (one) point

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

Narrative: The project was designed and constructed using local and regional manufacturers and materials for many of the construction materials.

Eighty-nine percent of the locally manufactured products were made from raw materials harvested, recovered, or extracted within a 500-mile radius of the project site. The use of concrete tilt-up construction (from local source batch plants), locally manufactured gypsum drywall, and locally harvested landscape materials greatly influenced the performance of this project.

Projects and Activities: Of these regionally manufactured materials, a minimum of 50% were extracted, harvested, or recovered within 500 miles.