

West Coast Iron Newsletter

August 2014

Volume 1



Poway USD Campus #39 – Echo Pacific Construction, Inc.

West Coast Iron: A Full Steel Service Company

West Coast Iron, Inc. is a locally owned and operated company, offering a full range of structural and miscellaneous steel fabrication services, from manufacture to on-site project management and installation.

West Coast Iron, Inc. is an American Institute of Steel Construction, Inc. (AISC) and City of Los Angeles certified Fabricator since 1992.

The AISC certification is the most nationally recognized quality certification for structural steel fabrication shops. It confirms that our company has the capability, procedures, and commitment, to guarantee that all products fabricated meet the quality standards required not only AISC, but most importantly our customers. This certification requires a rigorous annual examination.

Advanced Fabrication Technology

West Coast Iron, Inc. maintains a fully automated structural and miscellaneous steel fabrication facility with a high production capacity.

WCI has 1 of 7 "Ring of Fire (ROF550)" machines currently operating in the **world**. We helped develop the original machine and also performed beta testing. As such, West Coast was able to obtain the first Ring of Fire machine in the United States.

The Ring of Fire Thermal Processor utilizes a never before seen 360° approach to plasma cutting.

A single Hypertherm Plasma torch is fixed to a rotating "ring" which is capable of revolving in excess of 360° around the profile being processed. This allows the machine to process all 4 sides of a tube; process each side of a beam, angle, or channel; and mark on 4 sides of any structural member.



CURRENT PROJECT PIPELINE:

- ❖ **PACIFIC RIDGE SCHOOL**
(LUSARDI CONSTRUCTION COMPANY)
- ❖ **SDG&E FUEL TANKER CONTAINMENT**
(RENO CONTRACTING, INC.)
- ❖ **SOUTHWESTERN COMMUNITY COLLEGE**
(SUNPOWER CORP. & RENO CONTRACTING, INC.)
- ❖ **IRVINE UNIFIED SCHOOL DISTRICT**
(RENO CONTRACTING, INC.)
- ❖ **PALM SPRINGS UNIFIED SCHOOL DISTRICT**
(RENO CONTRACTING, INC.)
- ❖ **LAS VEGAS VA EXPANSION OF EMERGENCY DEPARTMENT**
(HALBERT CONSTRUCTION CO., INC.)
- ❖ **PALO ALTO VA RECREATIONAL THERAPY BUILDING**
(HALBERT CONSTRUCTION CO., INC.)
- ❖ **SAN MARCOS K-8 SCHOOL**
(LUSARDI CONSTRUCTION COMPANY)
- ❖ **SANTA MARIA HIGH SCHOOL**
(VERNON EDWARDS)
- ❖ **P-535 AIRCRAFT MAINT. HANGAR PV STRUCTURE**
(HARPER CONSTRUCTION CO.)
- ❖ **COMM22 SENIOR HOUSING**
(CANNON CONSTRUCTORS SOUTH, INC.)
- ❖ **P-705 FITNESS CENTER (C&I MACC) CORONADO NB**
(RQ CONSTRUCTION, LLC)
- ❖ **POWAY USD CAMPUS #39**
(ECHO PACIFIC CONSTRUCTION)
- ❖ **MISSION ESTANCIA ELEMENTARY SCHOOL**
(M.A. STEVENS CONSTRUCTION)
- ❖ **OLIVENHAIN PIONEER ELEMENTARY SCHOOL**
(COX CONSTRUCTION)
- ❖ **NAF EL CENTRO CANOPY**
(NAVY EXCHANGE SERVICE COMMAND)
- ❖ **JONAS SALK ELEMENTARY SHOOOL - SOLAR**
(SOLTEK PACIFIC)

Structural Steel

Just as the human body relies on the skeletal system for its support, structural steel is the skeletal support system of a building. This system includes, but is not limited to columns, beams, braced systems, ledger angles, and plates to name a few.

West Coast Iron, Inc. prides itself on being able to fabricate and erect structural steel with the qualities aforementioned. In the words of our founder, Hermann Kopf, "We take steel to its best."

In the construction industry, structural steel is favored among other types of framing with owners, architects, and engineers due to the speed in which it can be erected, is reliable and predictable, its cost savings, is strong, efficient and modifiable.



Poway USD Campus #39



Solar Division

WCI and its solar structure team have been deploying design/build and bid/build solar projects since 2007. We have completed over 50 projects, providing the steel supporting systems for well over 20 MegaWatts of solar. Most of our projects are "Parking Lot Elevated Arrays" or Solar Carport Structures, however, WCI has also provided tens of thousands of "H Piles" for large scale ground mount systems, including tracking solar. We are also specialists in rooftop systems that need to be elevated above rooftop components, such as mechanical equipment.

WCI's advanced 3D modeling capabilities and our state-of-the-art CNC fabrication lines make us one of the few "go to" companies for large solar projects.

In 2011, WCI designed and received its own Division of the State Architect (California DSA), Pre-Check (PC#) Documents for Solar Carport Structures. Many of our projects, over the past 2 years, have been on K-12 school campuses and Community Colleges, with WCI and its Engineering Partner acting as the Professional of Record for the entire project.

In 2013, WCI developed its proprietary "Ground Assemble / Crane Lift" system for carport solar. Using elevated work stands, up to 50kW of carport canopy at a time can be assembled at ground level, including PV module installation and 90% of the DC wiring and lighting. WCI's team then crane hoists entire assembled canopies. Electrical trade man-hours are significantly reduced utilizing this system.



Palm Springs USD Phase 1 -2013 – Reno Contracting, Inc.



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*"We take steel to
its best."*

WCI Hall of Fame

The West Coast Iron Hall of Fame is dedicated to those employees who have expended a number of years of their career with the company and contributed to its success.

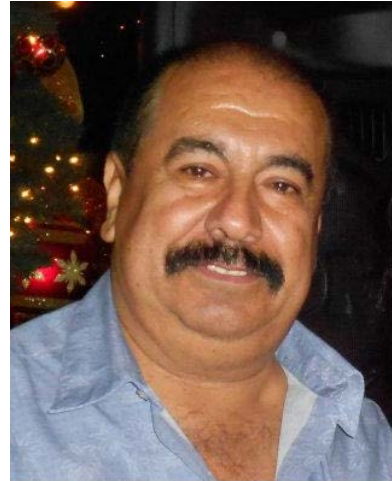
We are proud to announce Mr. Francisco Cabrera as our first Hall Of Fame Member.

Francisco was the first Shop Foreman for West Coast Iron for over 25 years and has since retired. It was his motivation and hard work for all the years that

made West Coast's shop one of the best in the country. During his work at West Coast, Francisco was involved in thousands of projects and still finds time to consult with West Coast from time to time on current shop progress.

Francisco has been married for over 40 years, has four children and nine grandchildren.

Thank you Francisco for your dedication, loyalty, and all of your hard work to West Coast Iron throughout the years.



Please visit our website for further inquiries: www.westcoastiron.com