



TO THE HONORABLE MAYOR AND COUNCIL:

DATE: March 10, 2015

SUBJECT: AWARD A CONSTRUCTION CONTRACT IN THE AMOUNT OF \$125,275 TO HESS CONSTRUCTION CO., INC. OF AMERICAN CANYON AND AUTHORIZE THE MAYOR TO EXECUTE THE CONTRACT FOR PROJECT NO. 2294 (TODOS SANTOS ARCHWAY PROJECT) (FUNDED BY: ART IN PUBLIC PLACES AND RDA ART IN PUBLIC PLACES FUNDS)

Report in Brief

The Todos Santos Plaza Archway Project (Project No. 2294) will install two archway structures over the pedestrian entrance walkways to the Plaza facing Willow Pass Road at the corners of Grant Street and Mt. Diablo Street. Bids were opened at 11 a.m. on Friday, February 13, 2015. Hess Construction Co., Inc. (Hess) was the low bidder and submitted a responsive and responsible bid in the amount of \$125,275. Hess has an appropriate and valid contractor's license and satisfactory work references.

Staff recommends that the City Council award a construction contract in the amount of \$125,275 to Hess Construction Co., Inc. of American Canyon and authorize the Mayor to execute the Contract. The funds used for this project come from restricted accounts and must be used to support art projects.

Background

The Housing and Economic Development Council Committee (Committee) approved final design elements of Todos Santos Archway Project on January 7, 2014. The final materials and design of the archways that were selected by the Committee at that hearing increased the complexity of the design, construction, and costs associated with the project. With those decisions in place, staff began working with the designer to incorporate revisions to the archway design and also to redesign the foundation and infrastructure that to support the structures and their operation (Attachment 1). The bid request work was split to allow for construction by two separate specialty contractors: signage and general construction.

The City solicited quotes for the signage portion from three qualified sign contractors. One quote was received from Maddux Signs, located in Concord. Their scope included the preparation of a "mock-up" model of the sign lettering to determine final design of font, letter height and spacing to provide quality "halo" lighting of each letter on the Archway. That mock-up was delivered and approved by Council in May, 2014,

**AWARD A CONSTRUCTION CONTRACT IN THE AMOUNT OF \$125,275 TO
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March 10, 2015

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allowing Maddux Signs to fabricate the lettering and LED lighting. They will also install the lettering on the archway back plates which will be provided to the general contractor.

The second contract was for the construction of the pilasters (columns) and foundations and the fabrication and installation of the metal archways. In Spring 2014, staff solicited quotes for the construction of the two custom-designed metal archways from a number of contractors through the Request for Quote (RFQ) process. The City received only three quotes and those three were well over the project budget.

On July 28, 2014, staff presented a report to the Committee discussing the budget shortfall and received direction to request \$120,000 in additional funding through the former Redevelopment Agency's unspent public art bond proceeds. Staff requested and obtained Successor Agency Oversight Board approval to use these funds for the project. Oversight Board approval was then submitted to the State Department of Finance, which approved the use of funds. It is important to note these are restricted funds and must be used to support art. The funds were received by the City in early January 2015. The design of the project was updated for solicitation of formal bids and the project was advertised for award of a construction contract.

Discussion

Bids for the project were opened at 11:00 a.m. on Friday, February 13, 2015. Hess Construction Co., Inc. of American Canyon (Hess) submitted the lowest total bid in the amount of \$125,275, as shown on the Bid Summary (Attachment 2). Hess confirmed that they are comfortable with their bid and ready to perform the work as bid. Staff has completed its analysis of Hess's bid, determined that Hess possesses an appropriate and valid contractor's license, and has satisfactory references and experience in the construction of similar projects.

This project is categorically exempt for preparation of an environmental document in accordance with Section 15302 of the California Environmental Quality Act. The Notice of Exemption was filed with the County Recorder's Office on June 17, 2013.

The estimated project schedule calls for construction to begin in late March, 2015, with completion estimated for June, 2015.

Fiscal Impact

There are sufficient Art in Public Places and RDA Art in Public Places funds in project budget to fully fund the cost of this \$125,275 Construction Contract. The funds used for this project are from restricted accounts that must be used to support art.

Public Contact

The City Council Agenda was posted.

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Recommendation for Action

Staff recommends that the City Council award a construction contract in the amount of \$125,275 to Hess Construction Co., Inc. of American Canyon, and authorize the Mayor to execute the Contract.

Prepared by: Shannon Griffin
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Reviewed by: Robert Ovadia
City Engineer
robert.ovadia@cityofconcord.org



Valerie J. Barone
City Manager

valerie.barone@cityofconcord.org

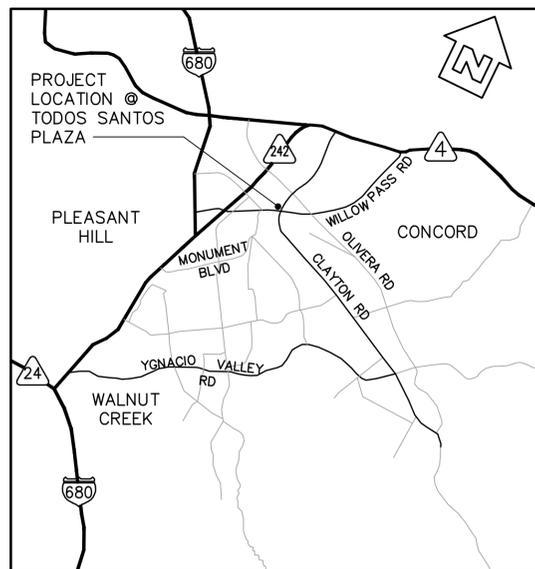
Reviewed by: Victoria Walker
Director Comm. & Econ. Development
victoria.walker@cityofconcord.org

Attachment 1: Design Drawings

Attachment 2: Bid Summary

City of Concord

TODOS SANTOS PLAZA ARCHWAY PROJECT NO. 2294

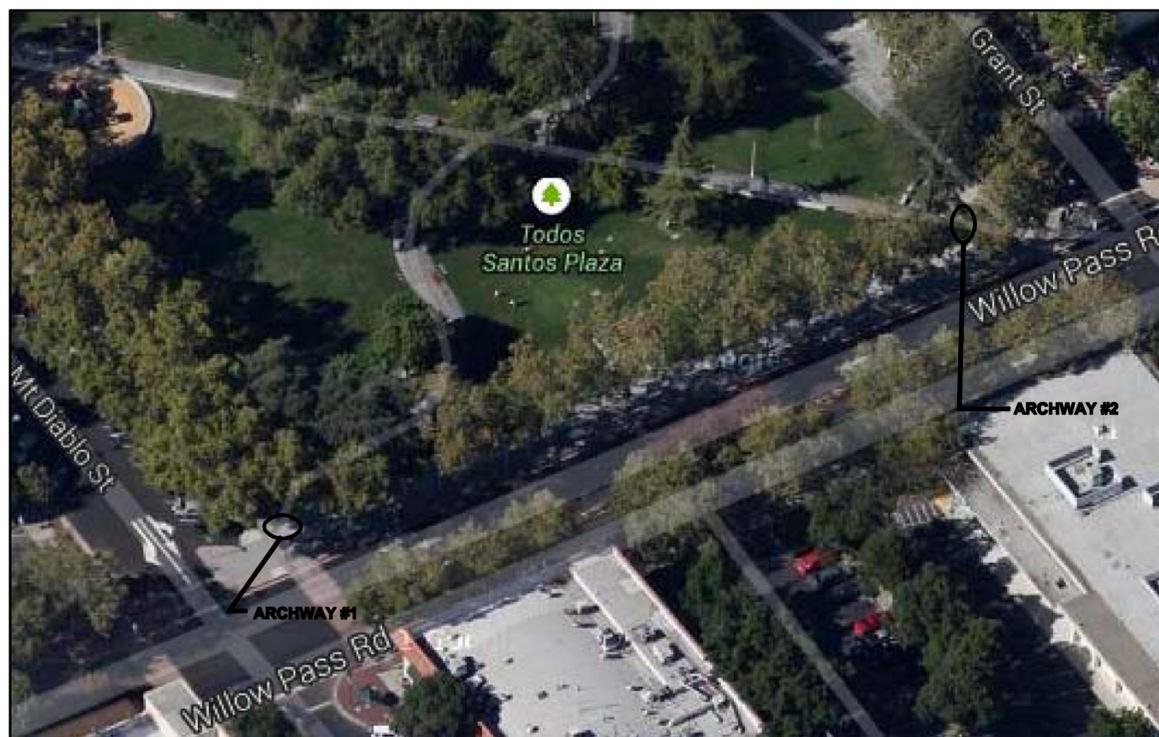


VICINITY MAP
NO SCALE



NOTES:

- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING JOB SITE CONDITIONS. LANDSCAPING FEATURES ARE NOT SHOWN ON THE PLANS.
- THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL PROVIDE NECESSARY FENCING TO PROTECT WORK AREAS AND FOR PEDESTRIANS SAFETY, AND SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE STATE CONSTRUCTION SAFETY ORDERS AND CAL/OSHA. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- APPROXIMATE LOCATIONS OF EXISTING UTILITIES ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND CALL UNDERGROUND SERVICE ALERT (U. S. A.) AT 1-800-227-2600 AT LEAST 2 WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATION OF MARKED EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION SHALL BE BORNE BY THE CONTRACTOR.
- EVERY EFFORT HAS BEEN MADE TO SHOW THE LOCATION OF EXISTING UTILITIES AND OBSTRUCTIONS WHICH MAY INTERFERE WITH THE WORK. CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES PRIOR TO STARTING ANY WORK WHICH MAY AFFECT THEIR FACILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OF OPERATIONS. EXISTING FACILITIES THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR ENCOUNTERS ANY SURFACE OR SUBSURFACE MATERIALS THAT HE/SHE BELIEVES ARE HAZARDOUS (AS DEFINED IN SECT. 25117 OF THE HEALTH AND SAFETY CODE), THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING IMMEDIATELY. MATERIAL IS TO REMAIN UNDISTURBED UNTIL AN INVESTIGATION BY THE CITY. REMOVAL AND/OR DISPOSAL OF HAZARDOUS MATERIALS IS NOT PART OF THE SCOPE OF WORK.
- THE DEPTH OF EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
- CONTRACTOR SHALL NOT PERFORM ANY WORK ACTIVITIES AND SHALL PROTECT THE WORK AREA AND LEAVE PEDESTRIAN WALKWAY OPEN DURING FARMER'S MARKET, TO BE HELD ON EVERY TUESDAY AND THURSDAY, FROM 10:00 A.M. TO 2:00 P.M., AND ON JULY 4 UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY ENGINEER.
- PROVIDE DETOUR SIGN TO REDIRECT AND DETOUR PEDESTRIANS AND PARK USERS IF SIDEWALK IS CLOSED.



PROJECT SITE
NTS

INDEX TO PLANS

SHEET NO.	DESCRIPTION
1.	T-1 TITLE SHEET
2.	S-1 ARCHWAY DETAILS 1
3.	S-2 ARCHWAY DETAILS 2
4.	E-1 ELECTRICAL LAYOUT AND DETAILS (DEFERRED SUBMITTAL)

GENERAL NOTES

- ALL WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE (CBC), 2013 EDITION.
- WIND LOAD AND SEISMIC LOAD SHALL BE IN CONFORMANCE WITH MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES, ASCE-7, 2010 EDITION.
- ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN EXISTING CONDITIONS NOT SHOWN OR DIFFERENT FROM THOSE SHOWN ON DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
- LOADS USED IN THE DESIGN:

A. WIND LOAD:	EXPOSURE C, 100 MPH, I = 1.0
B. SEISMIC LOAD:	CBC 2010 SITE CLASS E
C. ALLOWABLE FOUNDATION AND LATERAL PRESSURE	CBC 2010 TABLE 1806.2, SOIL TYPE 5

CONCRETE NOTES

- CONCRETE SHALL BE MIXED, PLACED AND CURED IN ACCORDANCE WITH ACI 318, 2008 EDITION. CEMENT SHALL CONFORM TO ASTM C150-TYPE I OR II.
- REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE".
- CONCRETE SHALL BE HARDROCK CONCRETE AND MEET THE FOLLOWING DESIGN CRITERIA:

LOCATION	MIN 28 DAY COMP STRENGTH	MIN CEMENT	MAX AGGREGATE	MAX SLUMP
CIDH CONC PILE	2500 PSI	5.0 SACKS/CY	3/4"	6"
CONC PILASTER	2500 PSI	5.0 SACKS/CY	3/4"	4"
- CONCRETE MIX DESIGN AND TESTING SHALL MEET THE REQUIREMENTS OF SECTION 1903 AND 1905 OF THE CBC, 2010 EDITION, AND THESE SPECIFICATIONS.

REINFORCING STEEL NOTES

- REINFORCING STEEL GRADES FOR CONCRETE:

A. ALL BARS EXCEPT THOSE TO BE WELDED	ASTM A615, GRADE 60
B. TIES AND STIRRUPS	ASTM A615, GRADE 60
- REINFORCING STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.

STRUCTURAL STEEL NOTES

- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL LEVEL SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD OF MANUAL OF STEEL CONSTRUCTION BY AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), 2008 EDITION.
- ALL STRUCTURAL STEEL SHALL BE ERECTED LEVEL UNLESS NOTED OTHERWISE ON PLANS.
- STEEL GRADES:

A. SHAPES, PLATES AND BARS	ASTM A36
B. PIPES	ASTM A53, TYPE E, GRADE B
C. HOLLOW STRUCTURAL SECTIONS (HSS)	ASTM A500, GRADE B
D. ANCHOR/MACHINE BOLTS	ASTM A307
E. STAINLESS STEEL PLATES	ASTM TYPE 304
- WELDING PROCEDURES, ELECTRODES AND WELDER QUALIFICATIONS, SHALL CONFORM TO AMERICAN WELDING SOCIETY (AWS) D1.1 STRUCTURAL WELDING CODE.
- UNLESS OTHERWISE SHOW ON PLANS, FILLET WELD SIZE SHALL BE AS FOLLOWS:

\bar{r} THICKNESS TO $\frac{1}{4}$ " INCLUSIVE	SAME AS METAL THICKNESS
\bar{r} THICKNESS $\frac{1}{4}$ " OR MORE	METAL THICKNESS MINUS $\frac{1}{16}$ "
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR THE STEEL ARCHWAY FOR ENGINEER'S REVIEW AND APPROVAL PRIOR TO ANY STEEL FABRICATION.

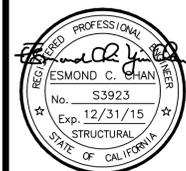
ABBREVIATIONS

AB	ANCHOR BOLT	ELEV	ELEVATION
BOT	BOTTOM	GALV	GALVANIZED
CIDH	CAST-IN-DRILLED-HOLED	HSS	STEEL HOLLOW SECTIONS
CONC	CONCRETE	O.C.	ON CENTER
DIA	DIAMETER	OG	ORIGINAL GRADE
EA	EACH	TYP	TYPICAL
FG	FINISHED GRADE	V.I.F.	VERIFY IN FIELD

CALL TWO WORKING DAYS
BEFORE YOU DIG



1-800-227-2600 OR 811



Prepared by:

JMEC ENGINEERING INC.
165 LENNON LANE, SUITE 106
WALNUT CREEK, CA 94598
PHONE (925) 944-8999
FAX (925) 944-9998

REVIEWED _____ 20____
CITY ENGINEER

City of Concord
1950 Parkside Drive
Concord, CA 94519
(925) 671-3361

RECORD DRAWING
(NO WARRANTY AS TO ACCURACY)

DATE ACCEPTED _____
PROJECT ENGINEER
REVISIONS BY _____ DATE _____

NO.	DESCRIPTION	BY	DATE

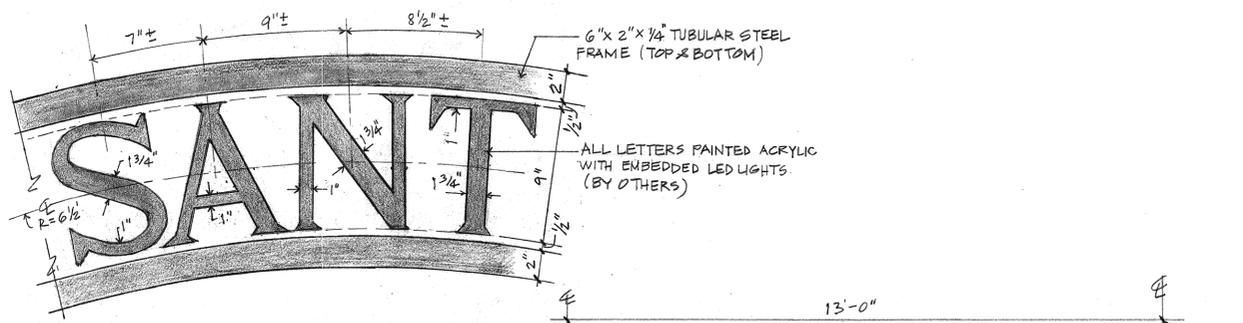
CITY OF CONCORD

TODOS SANTOS PLAZA ARCHWAY

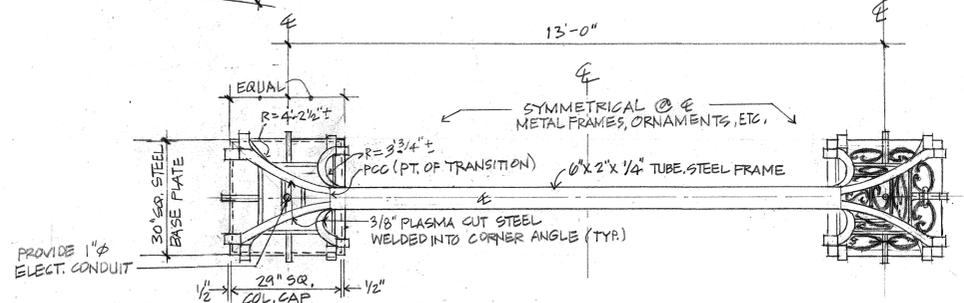
T-1

TITLE SHEET

DESIGNED: E.C.	CHECKED: G.M.	SCALE: AS SHOWN
DRAWN: K.L.	DATE: 05/01/14	SHEET 1 OF 3
PROJECT NO. 2294		

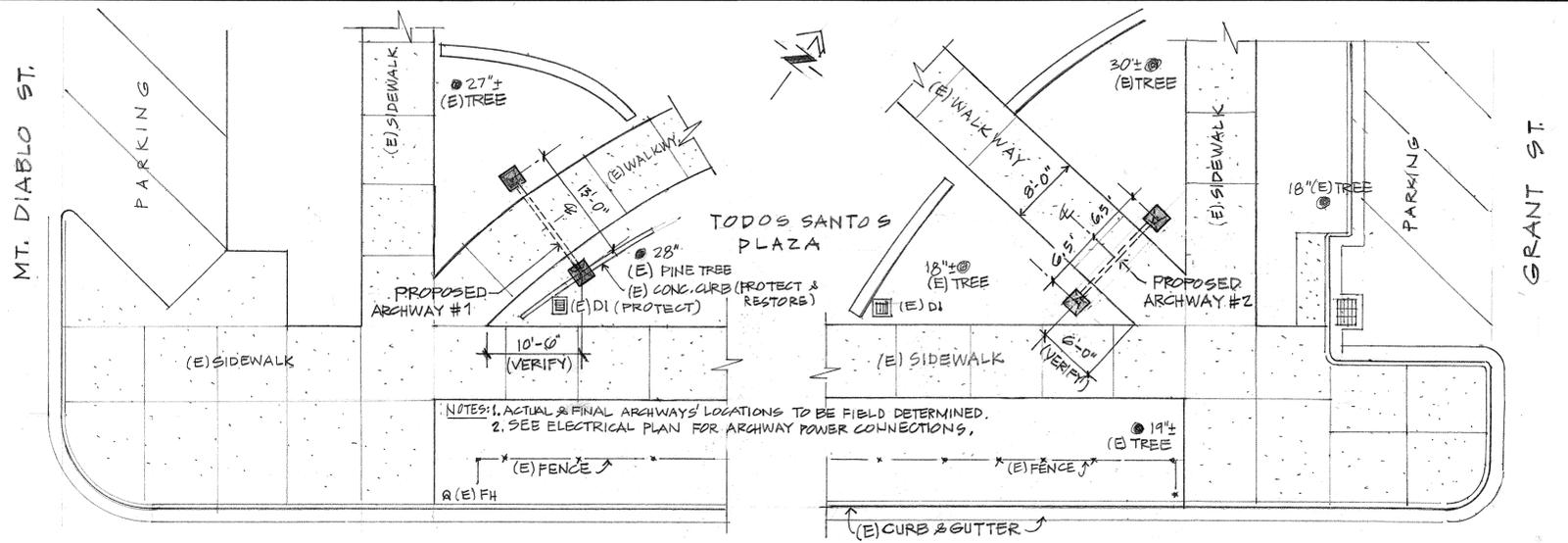


TYP. LETTERS DETAIL
SCALE: 2" = 1'-0"



TOP VIEW
SCALE: 1/2" = 1'-0"

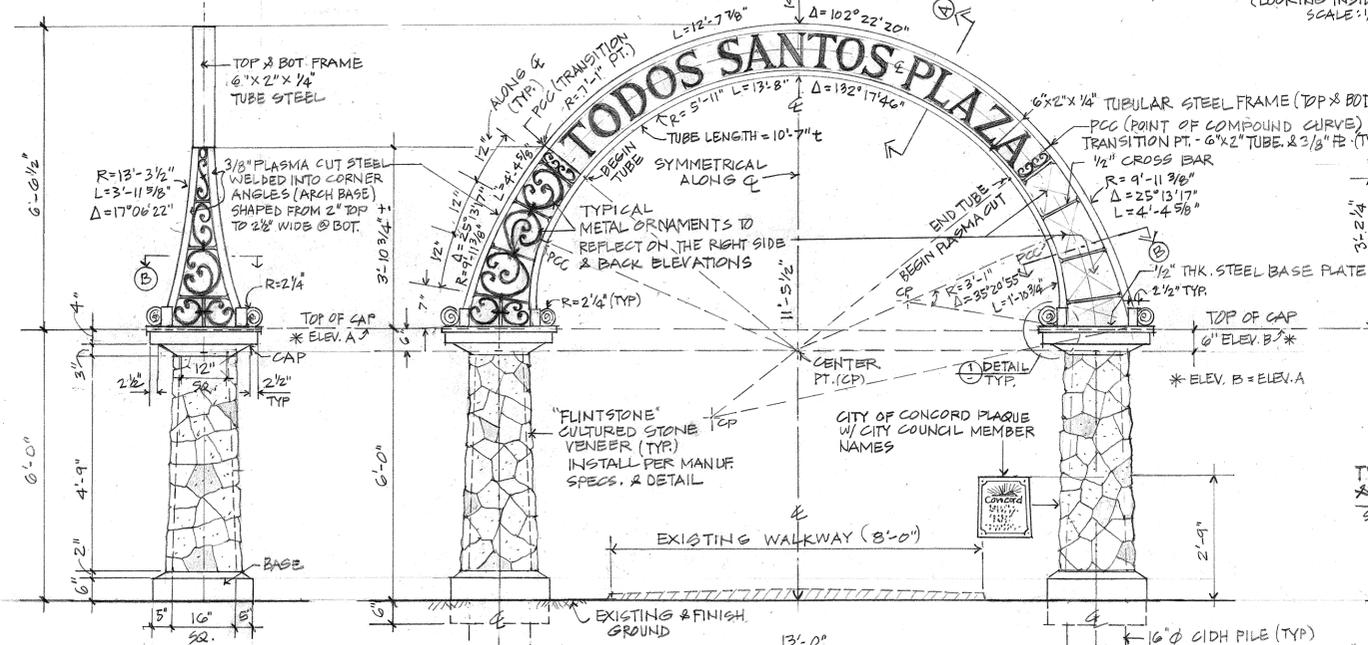
- NOTES:
1. ALL METAL ARCHWAY COMPONENTS TO BE GALV. & POWDER COATED.
 2. STEEL ARCHWAY TO BE BLACK IN COLOR & TO BE APPROVED BY THE CITY.
 3. COLUMN BASE & CAP TO BE BODY COLOR & TO BE APPROVED BY THE CITY.
 4. COORDINATE SPACING OF LETTERS & LENGTH OF STAINLESS STEEL PLATES W/ SIGN CONTRACTOR.



SITE PLAN
SCALE: 1" = 10'

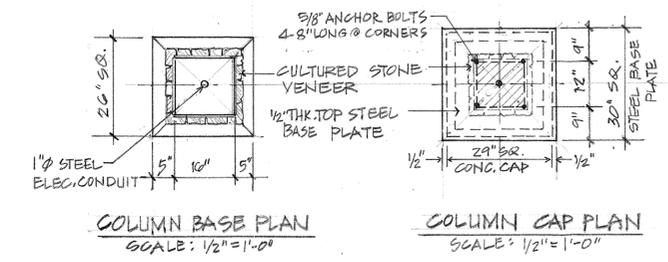


ARCHWAY BACK SIGN
(LOOKING INSIDE PLAZA)
SCALE: 1/2" = 1'-0"



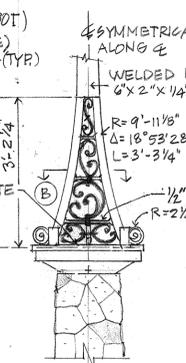
TYP. OUTER LEFT & RIGHT ELEV.
SCALE: 1/2" = 1'-0"

FRONT ELEVATION
SCALE: 1/2" = 1'-0"

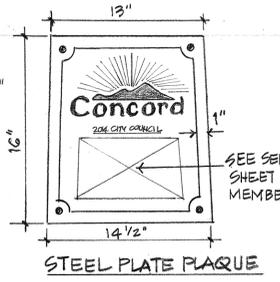


COLUMN BASE PLAN
SCALE: 1/2" = 1'-0"

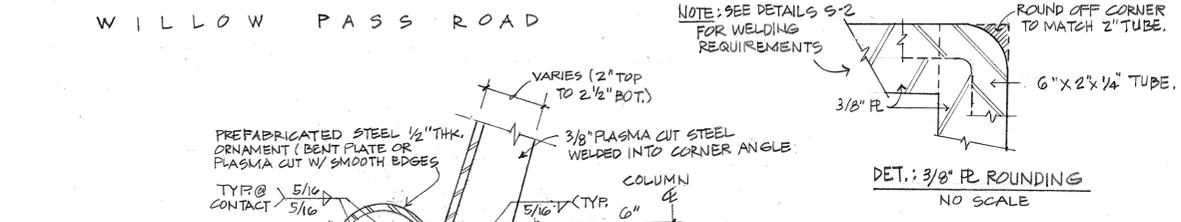
COLUMN CAP PLAN
SCALE: 1/2" = 1'-0"



TYP. INNER LEFT & RIGHT ELEV.
SCALE: 1/2" = 1'-0"



STEEL PLATE PLAQUE



CORNER SECT. DETAIL
SCALE: 3" = 1'-0"

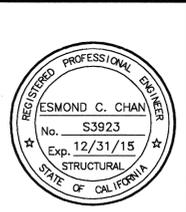
SECTION A
SCALE: 1 1/2" = 1'-0" ASSEMBLY

SECTION B
SCALE: 1 1/2" = 1'-0"

PARTIAL ORNAMENT DETAIL
NO SCALE

PARTIAL 3-D ARCHWAY STEEL BASE
NO SCALE

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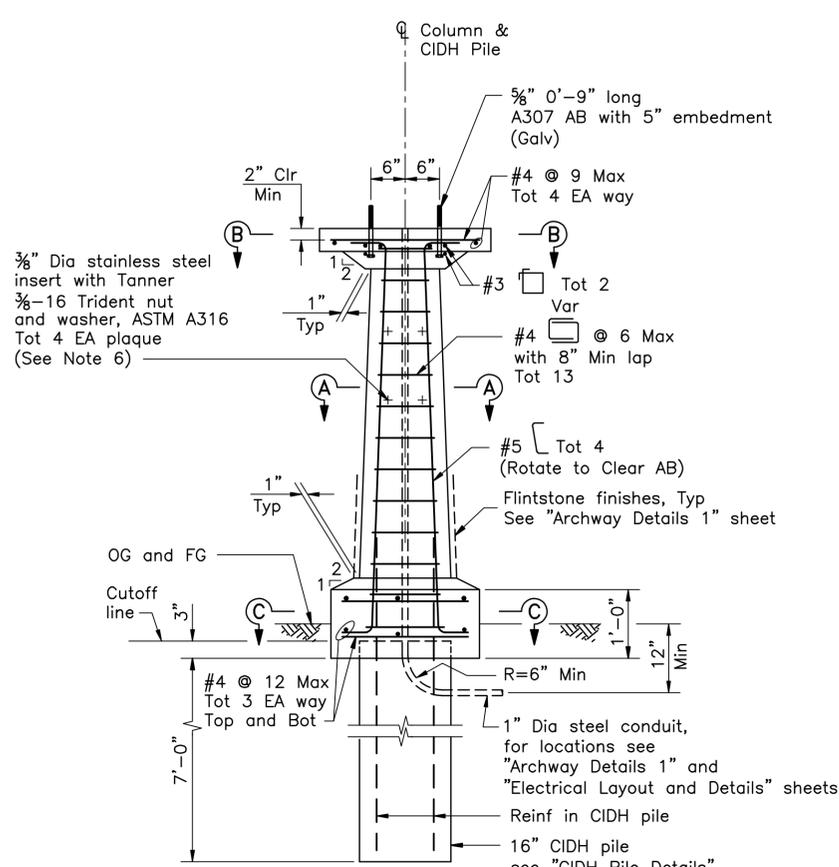
Prepared by:
JMEC ENGINEERING INC.
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PHONE (925) 944-8999
FAX (925) 944-9998

REVIEWED _____ 20____
CITY ENGINEER

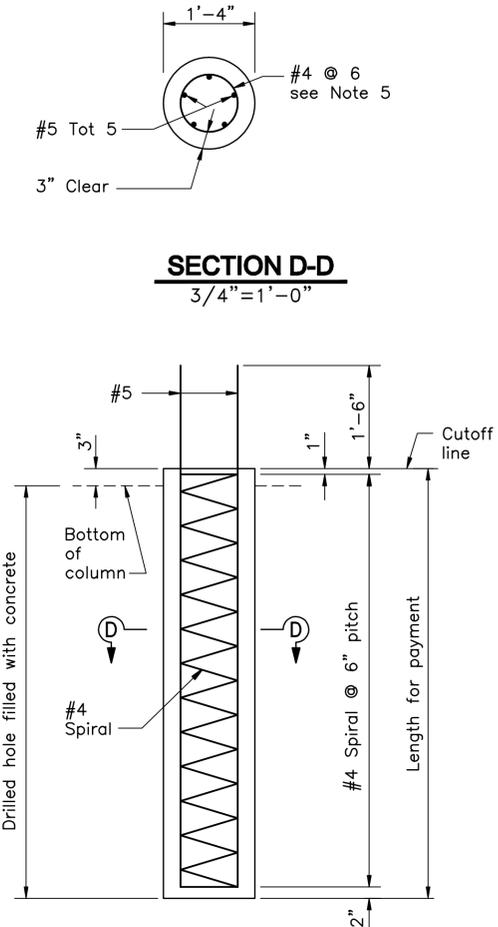
City of Concord
1950 Parkside Drive
Concord, CA 94519
(925) 671-3361

RECORD DRAWING	
(NO WARRANTY AS TO ACCURACY)	
DATE ACCEPTED _____	
PROJECT ENGINEER _____	
REVISIONS BY _____ DATE _____	
NO.	DESCRIPTION

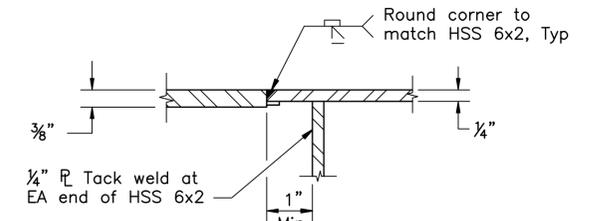
CITY OF CONCORD			
TODOS SANTOS PLAZA ARCHWAY			
ARCHWAY DETAILS 1			
DESIGNED: E.C.F.	CHECKED: E.C.	SCALE: AS SHOWN	
DRAWN: ECF 30 April 2014	DATE: 03/20/14		
ROLL	FRAME	PROJECT NO.	PJ 2294



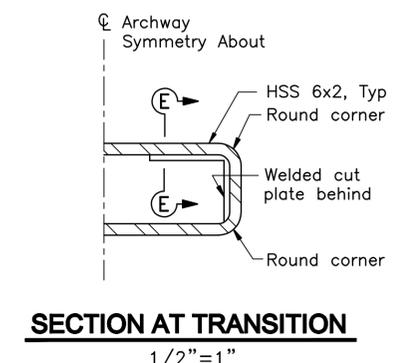
ELEVATION - COLUMN
3/4" = 1'-0"



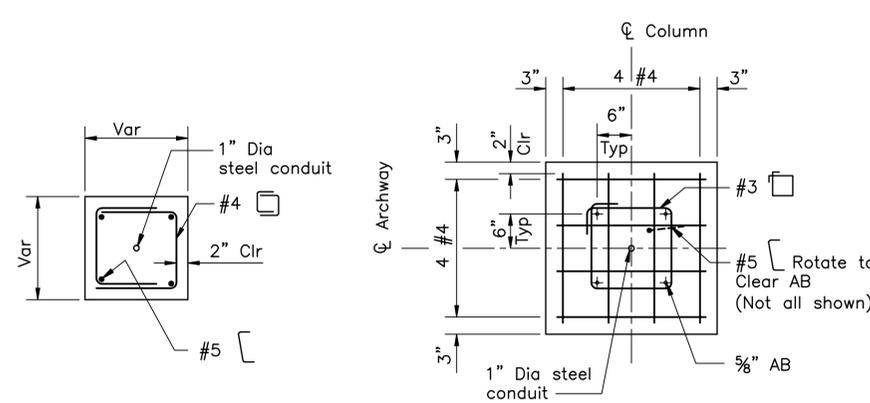
SECTION D-D
3/4" = 1'-0"



SECTION E-E
1/2" = 1"

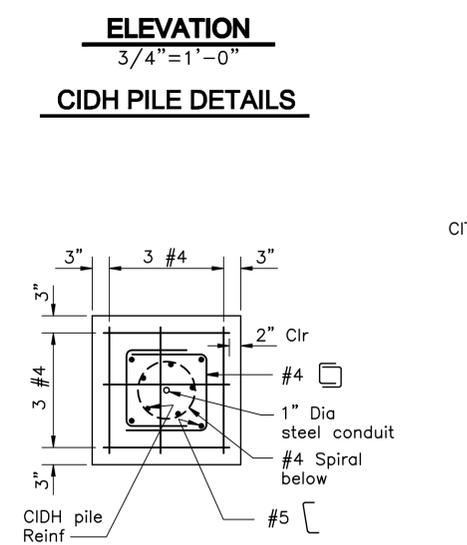


SECTION AT TRANSITION
1/2" = 1"

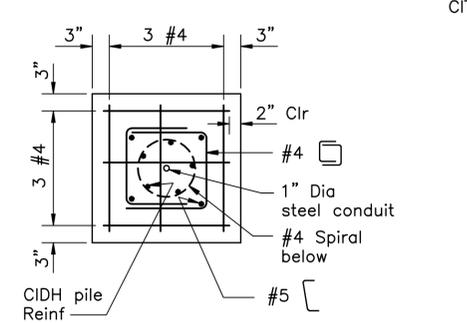


SECTION A-A
3/4" = 1'-0"

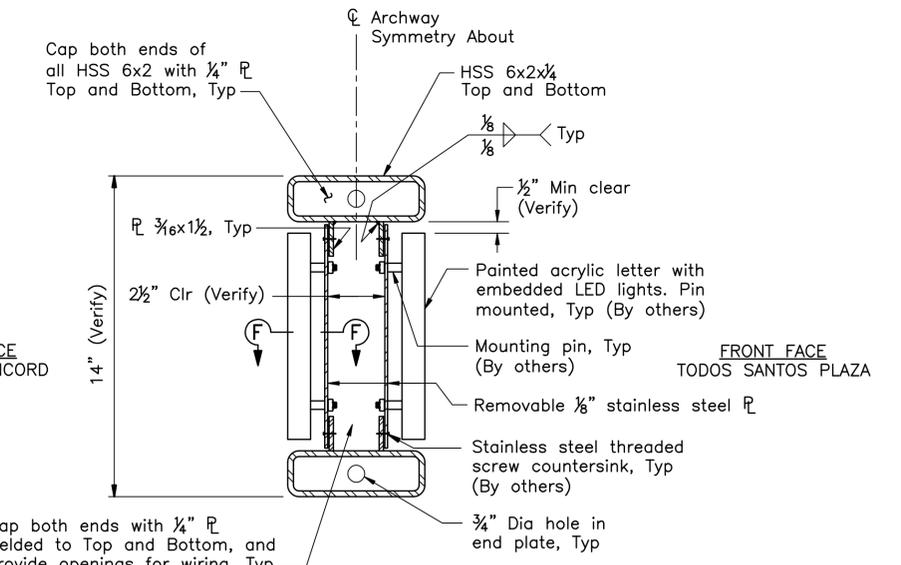
SECTION B-B
3/4" = 1'-0"



ELEVATION
3/4" = 1'-0"
CIDH PILE DETAILS



SECTION C-C
3/4" = 1'-0"



TYPICAL SECTION
3" = 1'-0"

- NOTES:**
1. Work this sheet with "Archway Details 1".
 2. The columns shall be installed plumb and level.
 3. For dimensions not shown, see "Archway Details 1" sheet.
 4. Steel arch shall be blasted clean to remove all mill scale per SSPC-SP-6 Commercial Blast Cleaning. Blasted cleaned surfaces shall be galvanized and receive powder coating paint of no less than 4 mils of dry film thickness.
 5. Lapped splices in spiral pile reinforcement shall be lapped at least 80 wire/bar diameters. Spiral pile reinforcement at splices and at ends shall be terminated with a 135' hook with a 6" tail hooked around a longitudinal bar.
 6. For location of inserts for the plaque, see "Archway Details 1" sheet. Apply thread locking system and peened thread after installation.
 7. Steel fabricator shall coordinate all work with sign contractor, and is responsible for final assembly of the steel archway including the signs.
 8. Relocate CIDH Piles as needed to avoid conflict with existing storm drain with approval of Engineer.

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	Prepared by:	REVIEWED _____ 20____	RECORD DRAWING (NO WARRANTY AS TO ACCURACY)		CITY OF CONCORD	
	JMEC ENGINEERING INC. 165 LENNON LANE, SUITE 106 WALNUT CREEK, CA 94598 PHONE (925) 944-8999 FAX (925) 944-9998	CITY ENGINEER	DATE ACCEPTED _____	PROJECT ENGINEER _____		TODOS SANTOS PLAZA ARCHWAY
			REVISIONS BY _____ DATE _____		ARCHWAY DETAILS 2	
			DESIGNED: E.C.	CHECKED: G.M.	SCALE: AS SHOWN	
			DRAWN: K.L.	DATE: 05/01/14	PROJECT NO. 2294	
			ROLL	FRAME	SHEET 3 OF 3	

**City of Concord
Bid Sheet**

PROJECT #2294

Todos Santos Plaza Archway Project

Bid Opening:

**Friday,
February 13, 2015
11:00 a.m.**

City Manager's Conference Room

Engineer's Estimate: \$140,000

To be awarded:

COMPANY	TOTAL BID
Hess Construction Co., Inc. 4484 Hess Drive American Canyon, CA 94503-9715	\$125,275
Graniterock 120 Granite Rock Way San Jose, CA 95136	\$125,516
Suarez & Munoz Construction, Inc. 20975 Cabot Boulevard Hayward, CA 94545-1155	\$126,000
Valentine Corporation P. O. Box 9337 San Rafael, CA 94912	\$133,369
Gordon N. Ball, Inc. 333 Camille Avenue Alamo, CA 94507	\$138,470
Integra Construction Services, Inc. 4133-D Mohr Avenue Pleasanton, CA 94566	\$146,500
Roger Cook General Contracting 2206 Wild Plains Circle Rocklin, CA 95765	\$156,500
Pleasanton Engineering Contractors, Inc. P. O. Box 417 Pleasanton, CA 94566	\$160,000

COMPANY	TOTAL BID
ABG Group 2055 Sierra Road Concord, CA 94578	\$174,000

Contact: Mario Camorongon x3021