

Project Plans

Revised
CONTRA COSTA
COUNTY

210 FEB 12 A 11:34

REVISIONS
1/11/12

LP12-2110

NEW MULTI-PURPOSE CENTER

SAN RAMON VALLEY UNITED METHODIST CHURCH

902 DANVILLE BOULEVARD
ALAMO, CALIFORNIA



FCGA
architecture
301 HARTZ AVENUE
SUITE 213
DANVILLE, CA 94526
925-820-7585
925-820-5858 FAX

PROJECT:
SAN RAMON VALLEY
UNITED METHODIST CHURCH
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

CONTACT INFORMATION

APPLICANT: SRV UNITED METHODIST CHURCH 902 DANVILLE BLVD. ALAMO, CA 94526 PHONE: (916) 917-8709 CONTACT: BOB BAKER EMAIL: rbaker3800@aol.com	LANDSCAPE: CAMP AND CAMP 2540 CAMINO DIABLO SUITE 201 WALNUT CREEK, CA 94597 PHONE: (925) 941-8490 x 101 FAX: (925) 941-8465 CONTACT: TERRY CAMP EMAIL: tc@campandcamp.com	ARCHEOLOGICAL / CULTURAL: CARDNO ENTRIX 701 UNIVERSITY AVENUE SUITE 200 SACRAMENTO, CA 95825 PHONE: (916) 388-3836 CONTACT: JOHN A. NADOLSKI EMAIL: john.nadolski@cardno.com
ARCHITECT: FCGA Architecture 301 HARTZ AVE. SUITE 213 DANVILLE, CA 94526 PHONE: (925) 820-9123 FAX: (925) 820-5858 CONTACT: GALEN GRANT EMAIL: galen@fga.net	CIVIL ENGINEER: KIER + WRIGHT 2850 COLLIER CANYON RD. LIVERMORE, CA 94551 PHONE: (925) 245-8798 FAX: (925) 245-8798 CONTACT: MICHAEL BASSILIOS EMAIL: mbassilios@kierwright.com	
CONTRACTOR: CLAWSON CONST. INC. 595 SYCAMORE VALLEY ROAD DANVILLE, CA 94526 PHONE: (925) 743-1808 FAX: (925) 743-1165 CONTACT: JOHN CLAWSON EMAIL: jclawson@clawsonconstruction.com	ARBORIST: TRAVERSO TREE SERVICE 3354 FREEMAN RD. WALNUT CREEK, CA 94596 PHONE: (925) 930-7901 FAX: (925) 930-0205 CONTACT: JOHN TRAVERSO EMAIL: jctraverso@aol.com	

PROPOSED USE / VICINITY MAP

NEW MULTI -PURPOSE CENTER

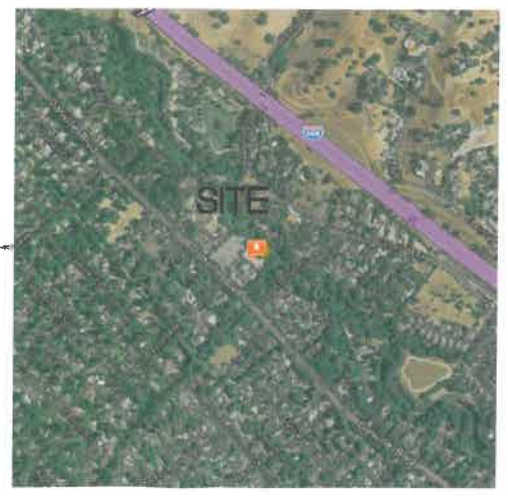


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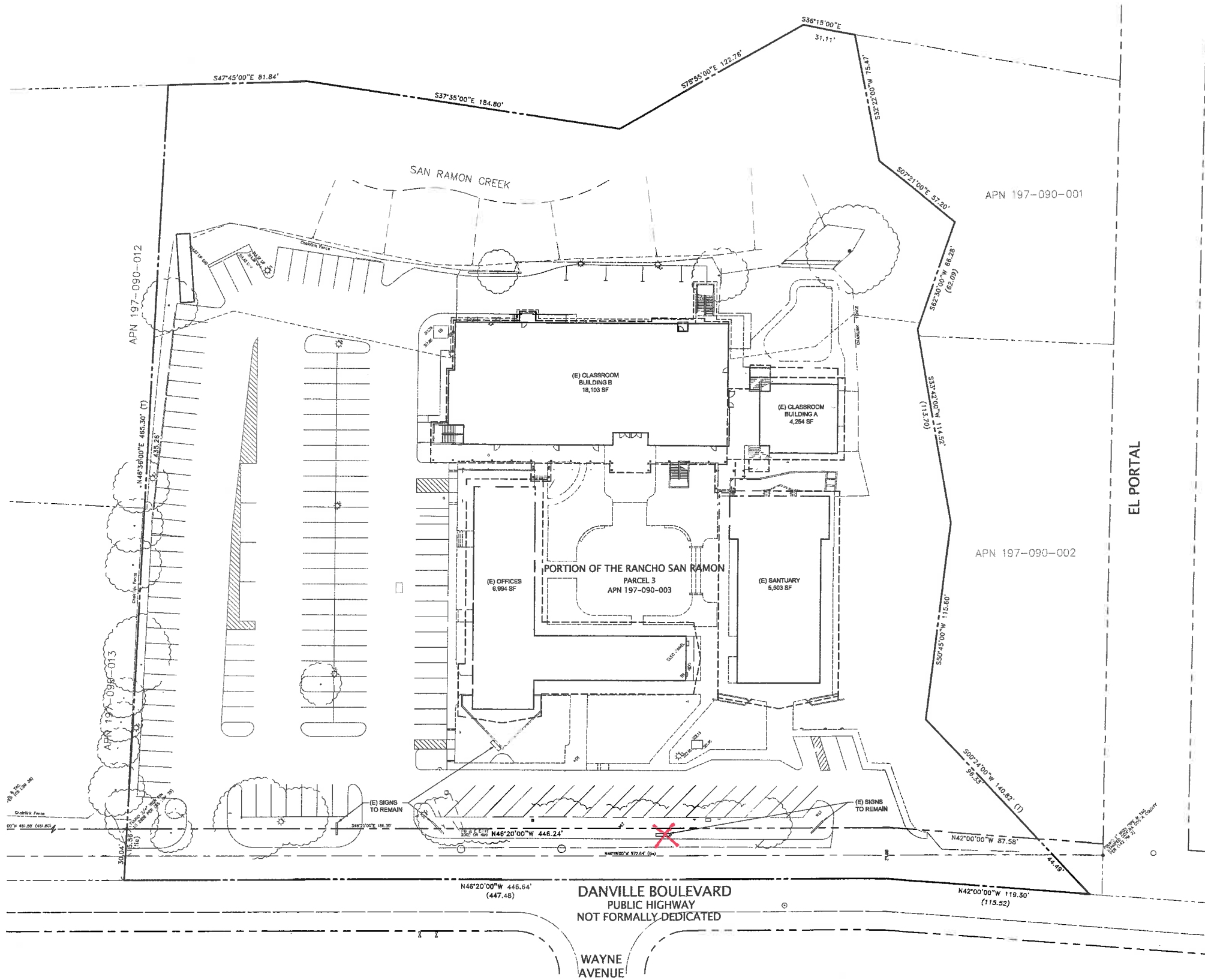
T1	ARCHITECTURAL
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Drawing: 12151-T-1000.dwg
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Plot Date: Feb 16, 2013 11:20

T1

02/14/13

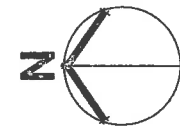
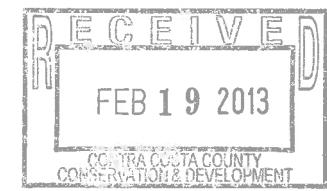
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Plot Date: Feb 14, 2013 16:06



PROJECT DATA:

SITE DATA	
SITE AREA:	216,632 S.F.
ZONING:	R-20
APN:	197-090-003
BUILDING DATA	
SANCTUARY	5,503 S.F.
CLASSROOM BUILDING A	4,254 S.F.
CLASSROOM BUILDING B	18,103 S.F.
OFFICES	6,994 S.F.
TOTAL	±34,854 S.F.

PARKING	
EXISTING TOTAL PARKING	142



EXISTING SITE PLAN

SCALE: 1" = 30'-0"



301 HARTZ AVENUE
SUITE 213
DANVILLE, CA 94526

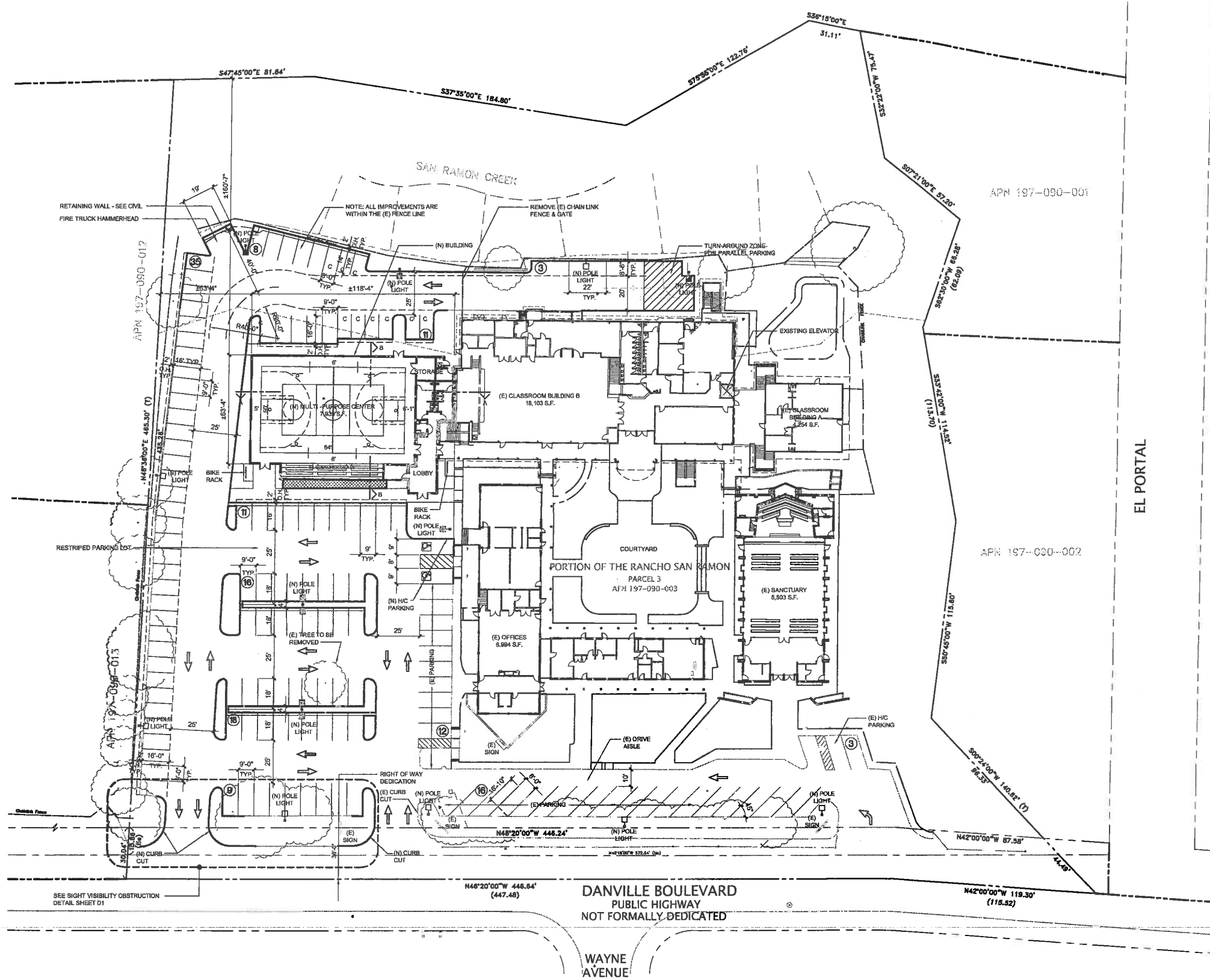
925-820-7585
925-820-5858 FAX

PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

SP1

02/14/13

Drawing: 1215-SP2-Site Plan.dwg
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Plot Date: Aug 02, 2013 14:58



PROJECT DATA:

SITE DATA

SITE AREA:	216,632 S.F.
ZONING:	R-20
APN:	197-090-003

BUILDING DATA

SANCTUARY	5,503 S.F.
CLASSROOM BUILDING A	4,254 S.F.
CLASSROOM BUILDING B	18,103 S.F.
OFFICES	5,994 S.F.
(N) MULTI-PURPOSE BUILDING	27,835 S.F.
TOTAL	±42,789 S.F.

PARKING ANALYSIS

PARKING REQ'D

PARKING PROV'D

CLASSROOM BUILDING A
CLASSROOM BUILDING B
SANCTUARY
OFFICES
(N) MULTI-PURPOSE BUILDING

TOTAL

142

PARKING SIZES AS PROVIDED: (COUNTY REQUIREMENTS
ARE: 8'-6" STANDARD & 7'-6" COMPACT)

STANDARD
COMPACT

9'-0" x 18'
8'-0" x 18'

ACCESSIBLE PARKING:
DRIVE AISLES:

5
STANDARD
COMPACT

9'-0" x 18'
25' MIN. @ 90°
13' @ 45° E.A.N.
25' MIN.

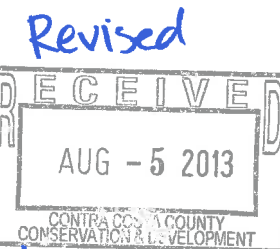
BIKE RACKS:

STANDARD

(2) 6 BIKE RACKS

LEGEND

- (N) POLE LIGHTS (E) LOCATION: DOUBLE HEAD - 25' POLES - LED - SEE SHEET D1
- (N) POLE LIGHTS (E) LOCATION: SINGLE HEAD - 20' POLES - LED - SEE SHEET D1
- (N) POLE LIGHTS (N) LOCATION: DOUBLE HEAD - 25' POLES - LED - SEE SHEET D1
- (N) POLE LIGHTS (N) LOCATION: SINGLE HEAD - 20' POLES - LED - SEE SHEET D1



LP12-2110



REVISED ARCHITECTURAL SITE PLAN - FLOOR PLAN

SCALE: 1" = 30'-0"



301 HARTZ AVENUE
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PROJECT:
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UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

SP2

REV. 08/01/13

PROJECT: **SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

Revised



REVISED ARCHITECTURAL SITE PLAN - ROOF PLAN

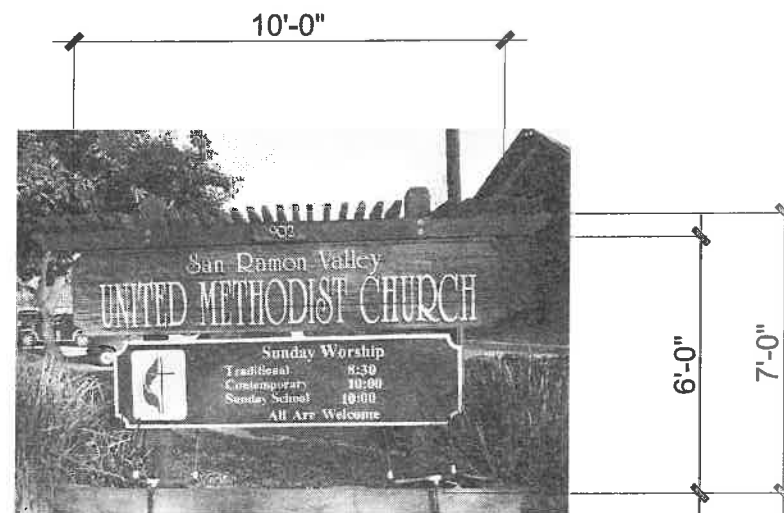
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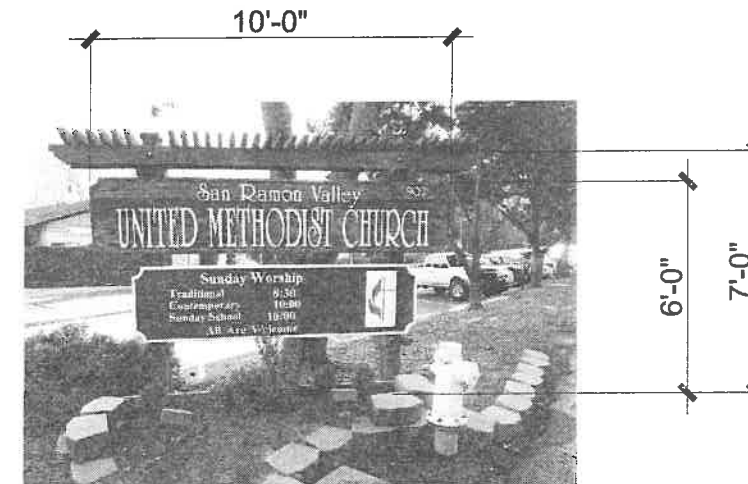
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REV. 08/01/13

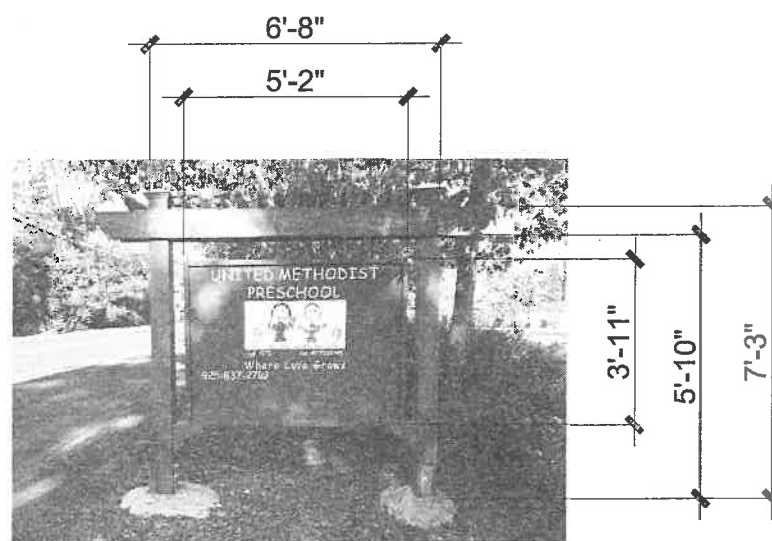
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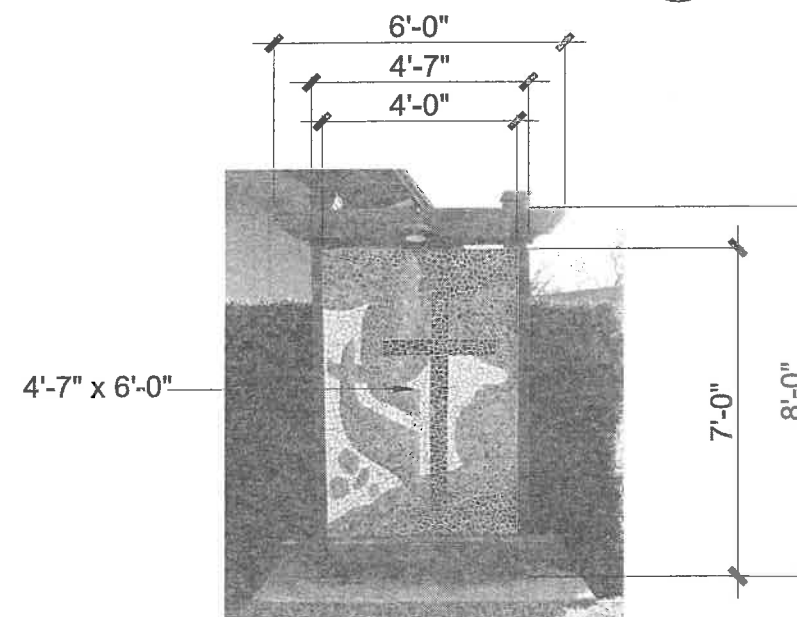
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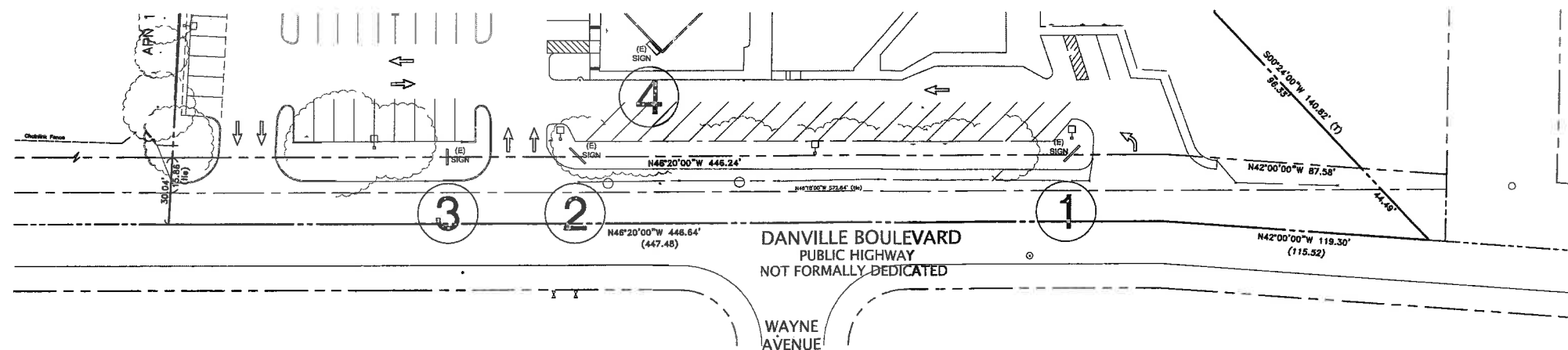
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SIGN 3
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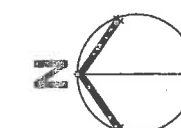
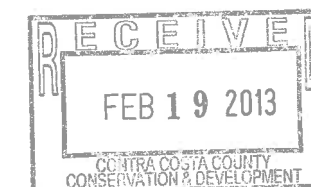


SIGN 4
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PARTIAL SITE PLAN - EXISTING SIGN LOCATION

SCALE: 1" = 30'-0"



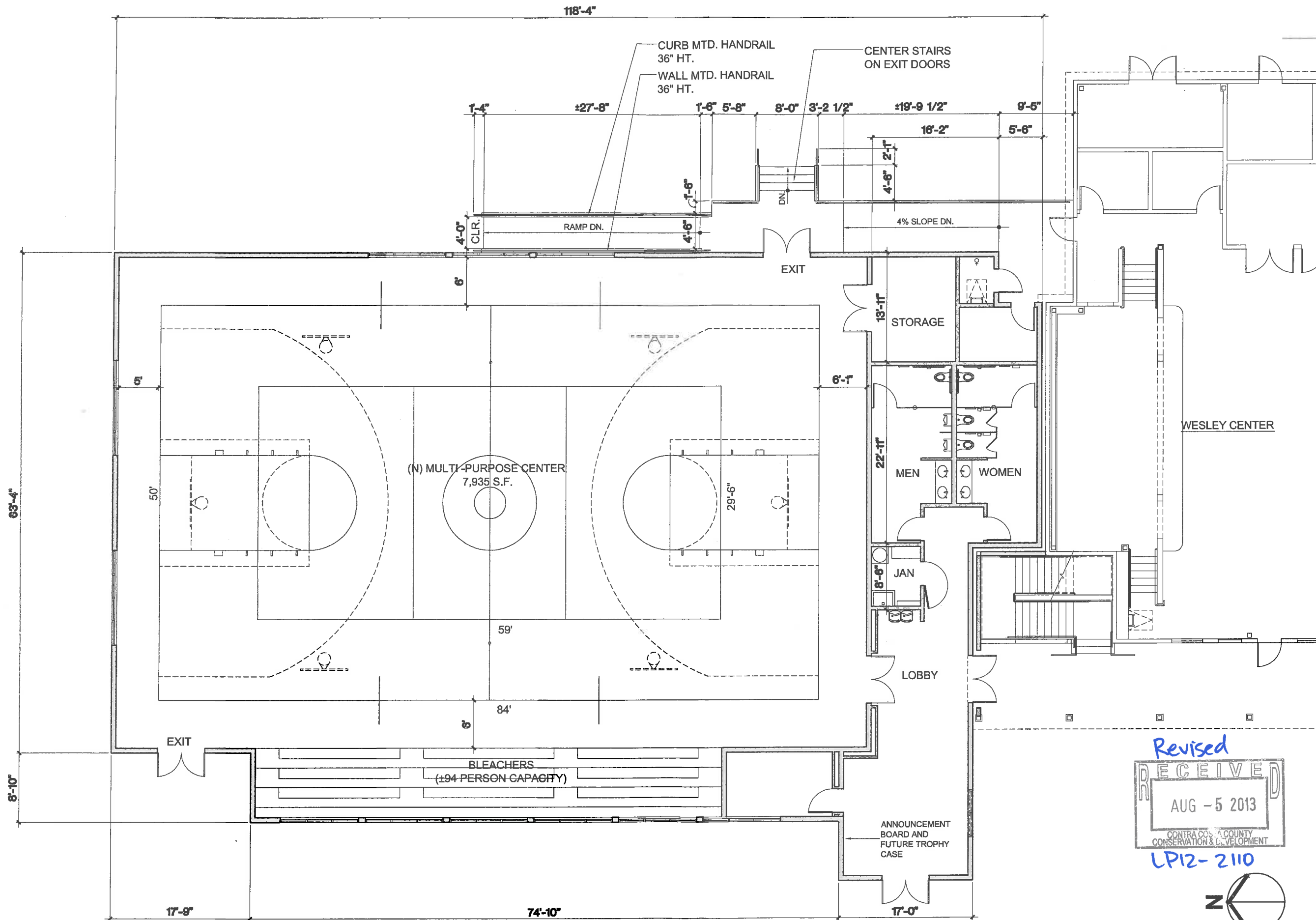
301 HARTZ AVENUE
SUITE 213
DANVILLE, CA 94526

925-820-7585
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PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

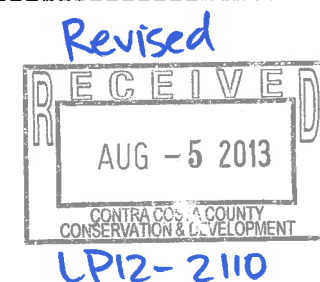
SP5

02/14/13



REVISED MULTI-PURPOSE CENTER - FLOOR PLAN

SCALE: 3/16" = 1'-0"



301 HARTZ AVENUE
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PROJECT:
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UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

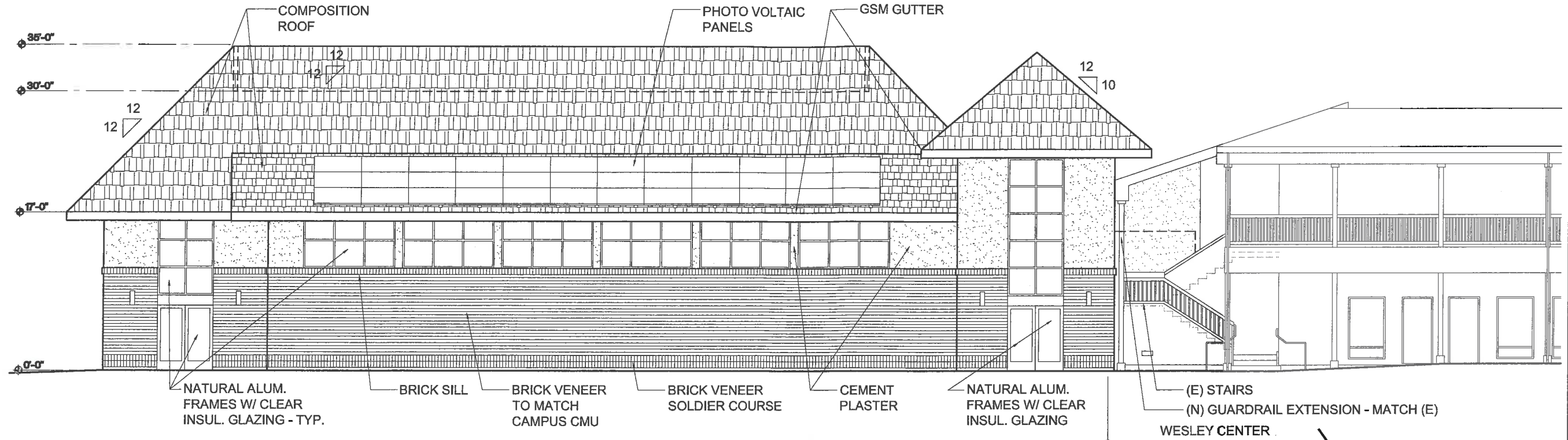
A1

REV. 08/01/13

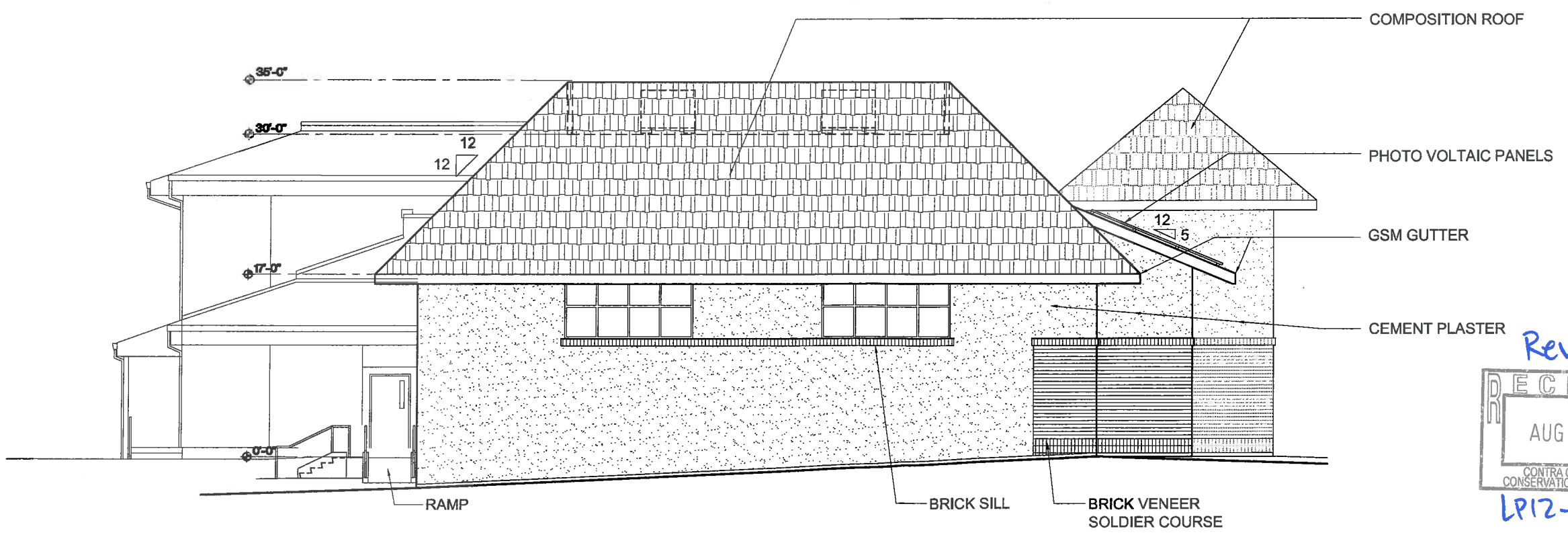


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PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA



REVISED WEST ELEVATION
SCALE: 3/16" = 1'-0"



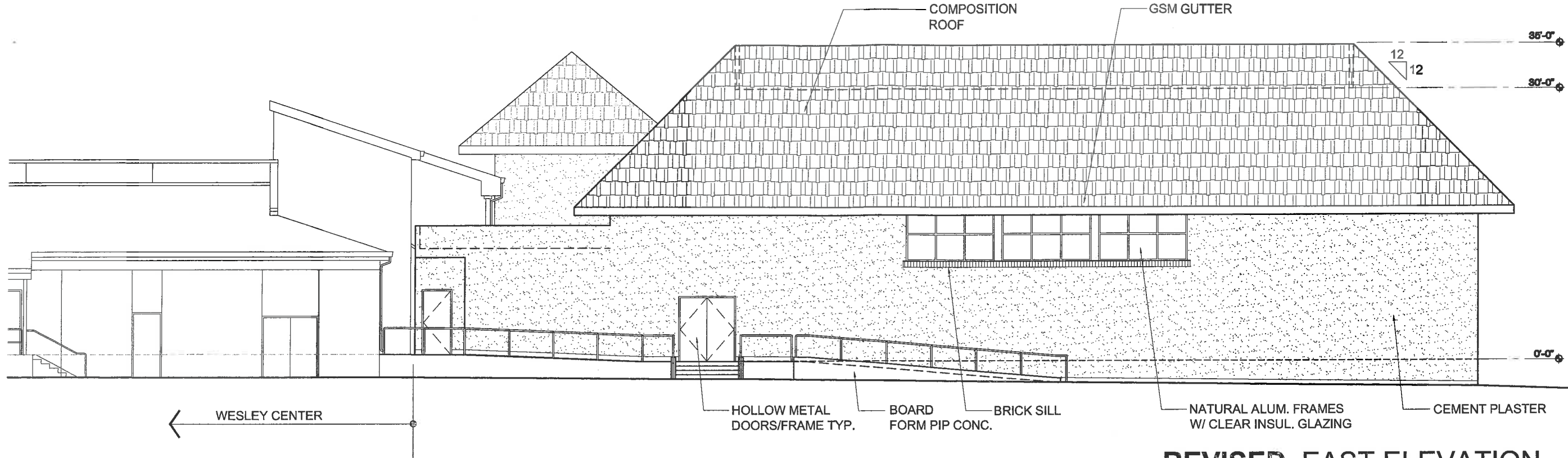
REVISED NORTH ELEVATION
SCALE: 3/16" = 1'-0"

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CONSERVATION & DEVELOPMENT
LP12-2110

Drawing: 12151-4-3-Exterior Elevations.dwg
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Plot Date: Aug 02, 2013 14:58

A3

REV. 08/01/13



301 HARTZ AVENUE
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PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA



A4

REV. 08/01/13



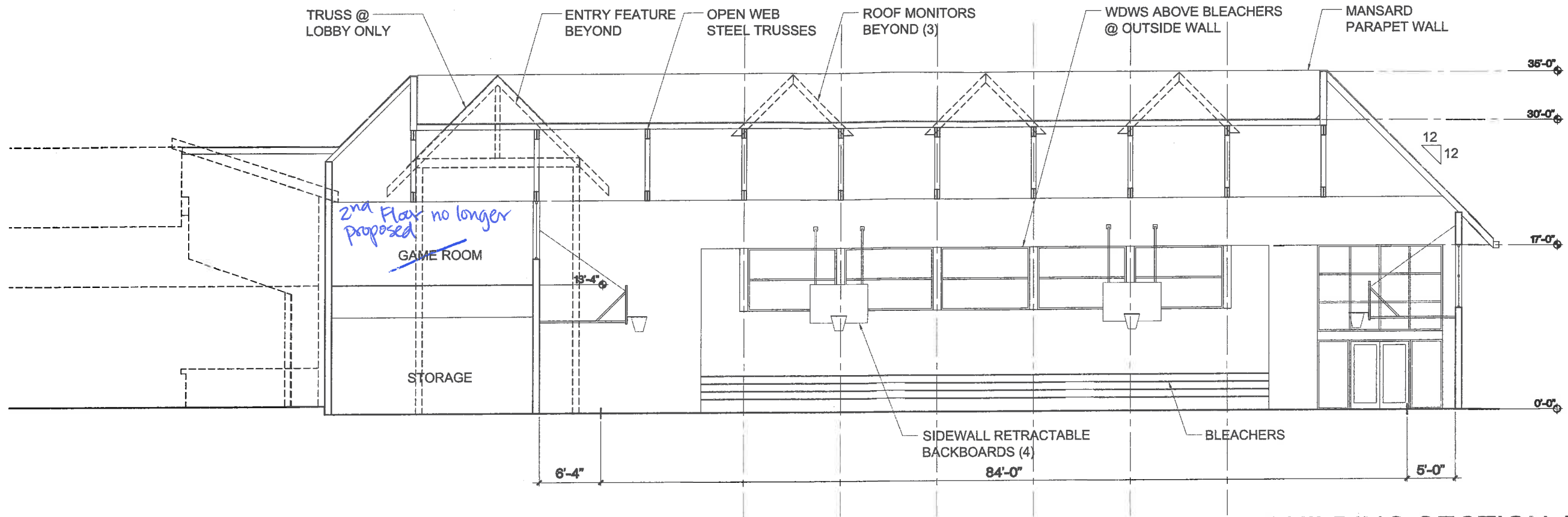
301 HARTZ AVENUE
SUITE 213
DANVILLE, CA 94526

925-820-7585
925-820-5858 FAX

PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

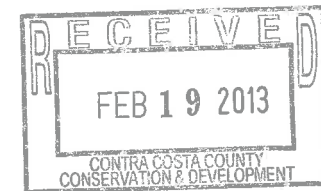
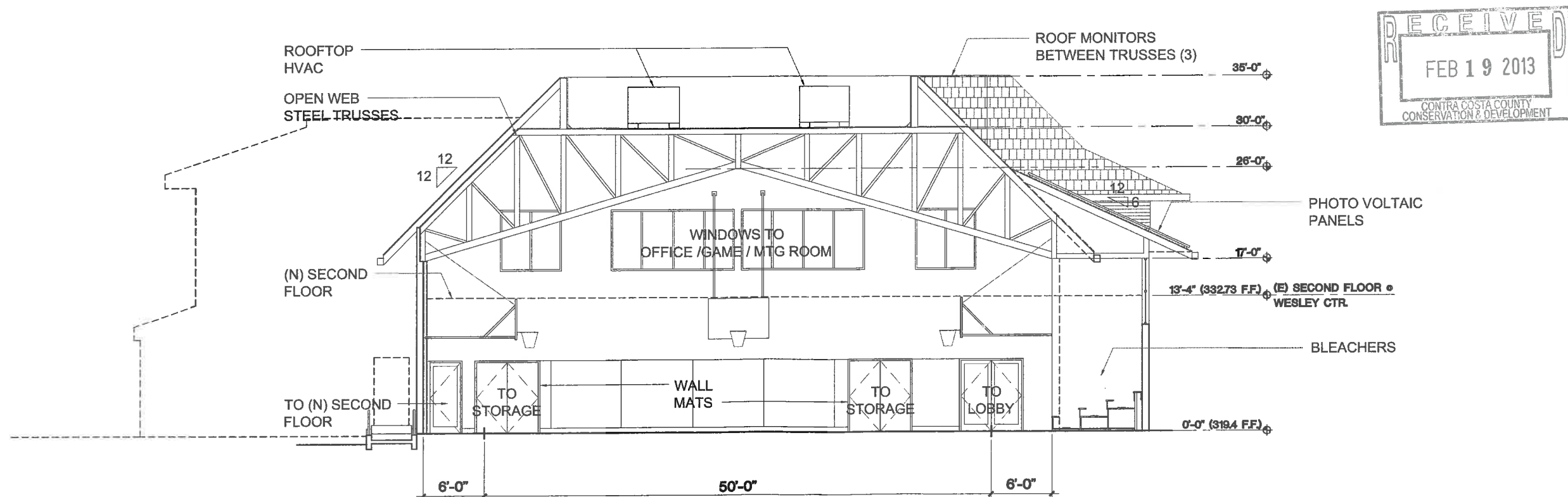
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02/14/13



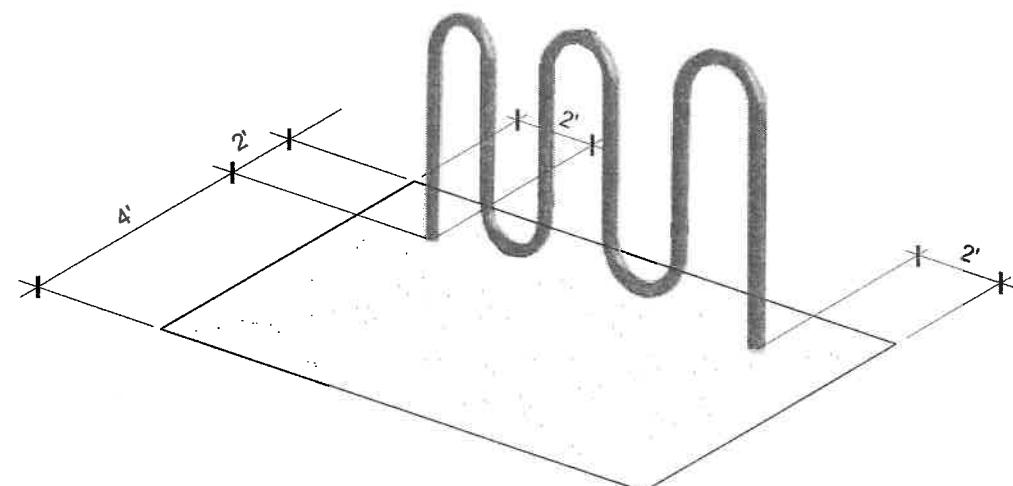
BUILDING SECTION A-A

SCALE: 3/16" = 1'-0"



BUILDING SECTION B-B

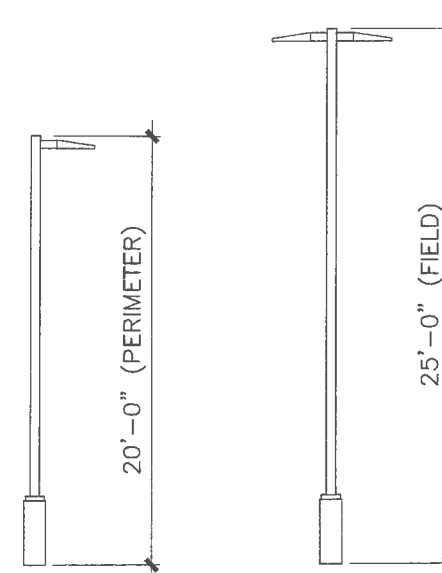
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BIKE RACKS BY: HIGH-STYLE
FINISH: GALVANIZED
INGROUND MOUNT
HOLDS 6 BIKES

BIKE RACKS

N.T.S.



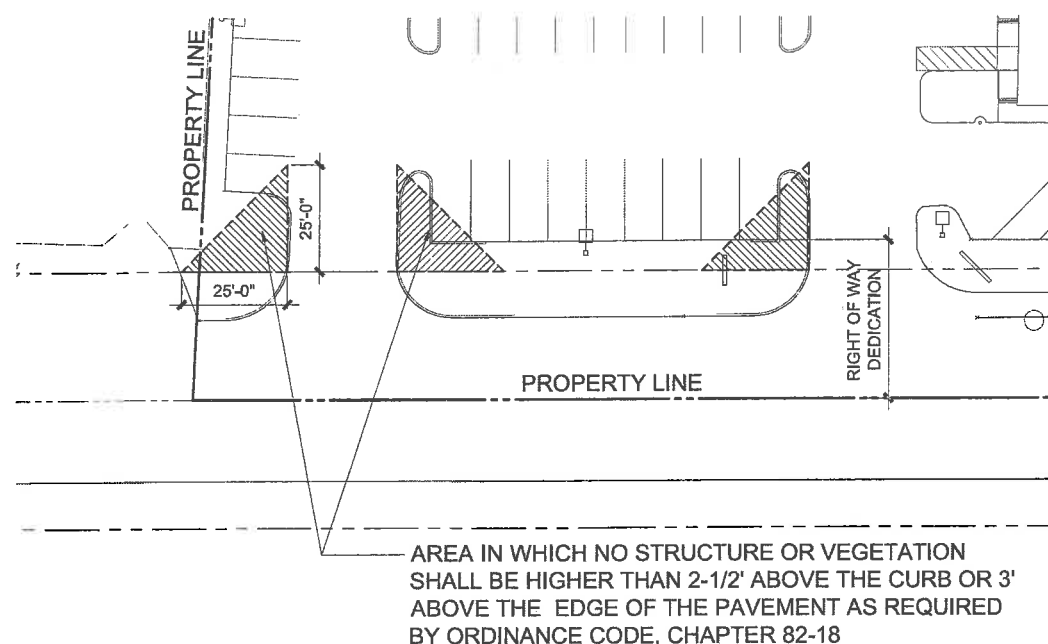
PARKING POLE FIXTURES - PHILIPS GARDCO:
SINGLE POLE: SSS5 / 20'HT / 5" / GAUGE 7 / D1 / NP
TWIN POLE: SSS5 / 25'HT / 5" / GAUGE 7 / D2 / NP
ON 12" ROUND BASE



LIGHT FIXTURES - Emco LED AREA LUMINAIRE :
SINGLE POLE : ELA21 / BLC / 150W / NW / UNIV / NP
TWIN POLE: ELA21 / BLC / 210W / NW / UNIV / N
HT.: ±20' - 25'
FIN: SILVER / ALUM.

POST MOUNTED SITE LIGHTS

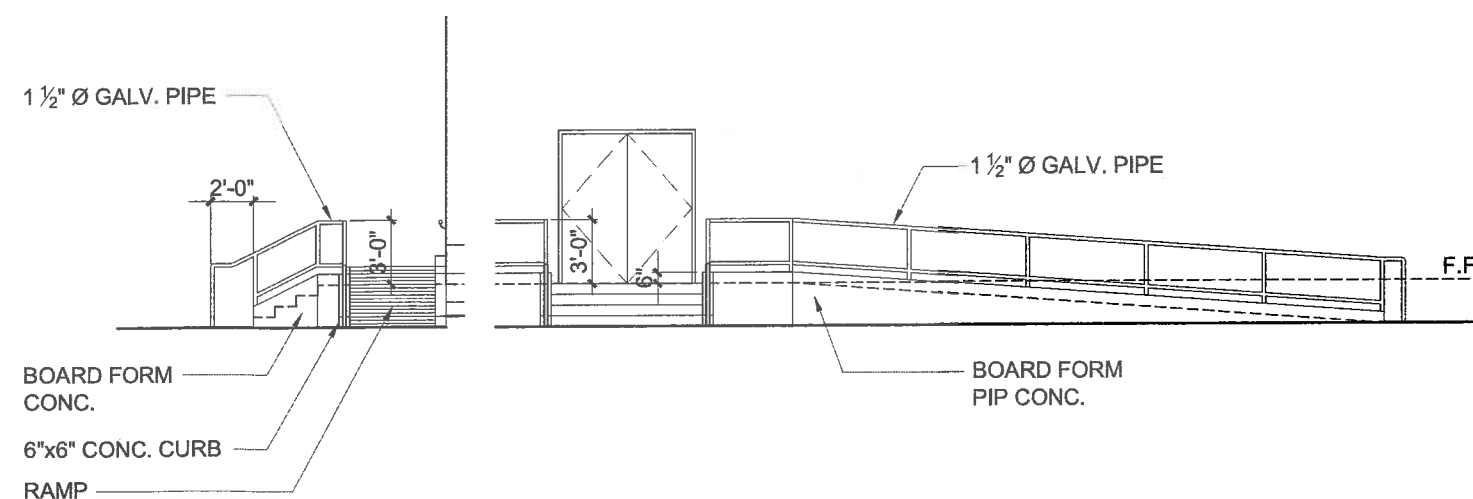
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SIGHT OBSTRUCTION AT INTERSECTIONS

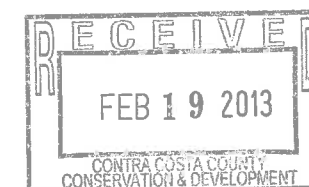
(REF. CHAPTER 82-18 CC COUNTY ODINANCE CODE)

N.T.S.



STAIR / HANDRAIL ELEVATIONS

SCALE: 1/4" = 1'-0"



PROJECT:
SAN RAMON VALLEY
UNITED METHODIST CHURCH
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

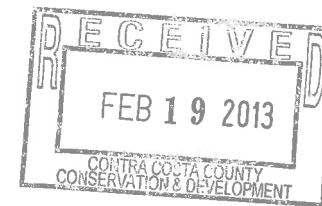


301 HARTZ AVENUE
SUITE 213
DANVILLE, CA 94526

925-820-7585
925-820-5858 FAX

D1

02/14/13



M1
CLEAR
ANODIZED
ALUMINUM



M2
PABCO
PEWTER GRAY
ASPHALT
SHINGLE



M3
INTERSTATE BRICK
EMPEROR 4x16
THIN BRICK VENEER
COLOR: OCHRE BUFF



P1
BANK VAULT
DUNN EDWARDS
DE6383



P2
BURNT CRIMSON
DUNN EDWARDS
DEC705



P3
S'MORES
DUNN EDWARDS
DE6111



PROJECT:
**SAN RAMON VALLEY
UNITED METHODIST CHURCH**
902 DANVILLE BLVD.
ALAMO, CALIFORNIA

M1
02.14.13

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CONTRA COSTA COUNTY
CONSERVATION & DEVELOPMENT

0.25FC, TYP.
0.50FC, TYP.

TYP. PARKING
TYPICAL MAIN PARKING AREA
Illuminance (Fc)
Average = 1.78
Maximum = 5.33
Minimum = 0.30
Avg/Min Ratio = 5.93
Max/Min Ratio = 17.77
No. Points = 285

PORTION OF THE RANCHO SAN RAMON
PARCEL 3
APN 197-090-003

DANVILLE BOULEVARD
PUBLIC HIGHWAY
NOT FORMALLY DEDICATED

Luminaire Schedule									
Project: UNITED METHODIST CHURCH - SAN RAMON VALLEY									
Symbol	Qty	Label	Arrangement	Lum. Lumens	LLF	LDD	LLD	BF	Description
AA	2	AA	BACK-BACK	11412	0.850	1.000	0.850	1.000	EMCO ELA21 2 5-210LA-NW @ 25'
BB	10	BB	SINGLE	9518	0.850	1.000	0.850	1.000	EMCO ELA21 1 3-150LA-NW @ 20'
CC	1	CC	SINGLE	9430	0.850	1.000	0.850	1.000	EMCO ELA21 2 4-150LA-NW @ 20'

Calculation Summary							
Project: UNITED METHODIST CHURCH - SAN RAMON VALLEY							
Description	Ceiling Type	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL POINTS AS SHOWN		Illuminance	Fc	0.83	5.52	0.00	N.A.
TYPICAL MAIN PARKING AREA		Illuminance	Fc	1.78	5.33	0.30	5.93

Luminaire Location Summary						
Project: UNITED METHODIST CHURCH - SAN RAMON VALLEY						
LumNo	Label	X	Y	Z	Orient	Status
1	BB	9439.001	5069.042	20	180	On
2	AA	9353.942	5025.312	25	90	On
3	AA	9353.868	4994.24	25	90	On
4	BB	9288.727	5099.905	20	354.808	On
5	BB	9259.635	4954.329	20	356.366	On
6	BB	9428.117	4903.884	20	90	On
7	BB	9542.581	4890.778	20	90	On

Luminaire Location Summary						
Project: UNITED METHODIST CHURCH - SAN RAMON VALLEY						
LumNo	Label	X	Y	Z	Orient	Status
8	BB	9657.779	4903.289	20	90	On
9	BB	9344.474	4899.91	20	90	On
10	BB	9408.983	5219.533	20	270	On
11	BB	9518.104	5224.723	20	270	On
12	BB	9578.089	5217.915	20	270	On
13	CC	9318.102	5233.083	20	270	On
Total Quantity: 13						

ALL VALUES SHOWN ARE MAINTAINED HORIZONTAL FOOTCANDLES AT GRADE

PHOTOMETRIC DATA USED AS INPUT FOR THESE CALCULATIONS IS BASED ON ESTABLISHED IES PROCEDURES AND PUBLISHED LAMP RATINGS. FIELD PERFORMANCE WILL DEPEND ON ACTUAL LAMP, BALLAST, ELECTRICAL, AND SITE CHARACTERISTICS.

Calculations have been performed according to IES standards and good practice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, luminaire and architectural elements significantly affect lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

Associated Lighting Representatives, Inc.

ASSOCIATED LIGHTING REPRESENTATIVES, INC.
7777 PARDEE LANE
P.O. BOX 2288
OAKLAND, CA 94621
PHONE: (510) 638-0155 - FAX: (510) 638-2808

REPORT FOR: FGGA ARCHITECTURE, ALEX ISARILIZ
BY: APPLICATIONS ENGINEERING, RAMON ZAPATA
SALES REPRESENTATIVE: ALR; KATHY GOTTARDI

PROJECT DESCRIPTION
UNITED METHODIST CHURCH
ALAMO, SAN RAMON VALLEY

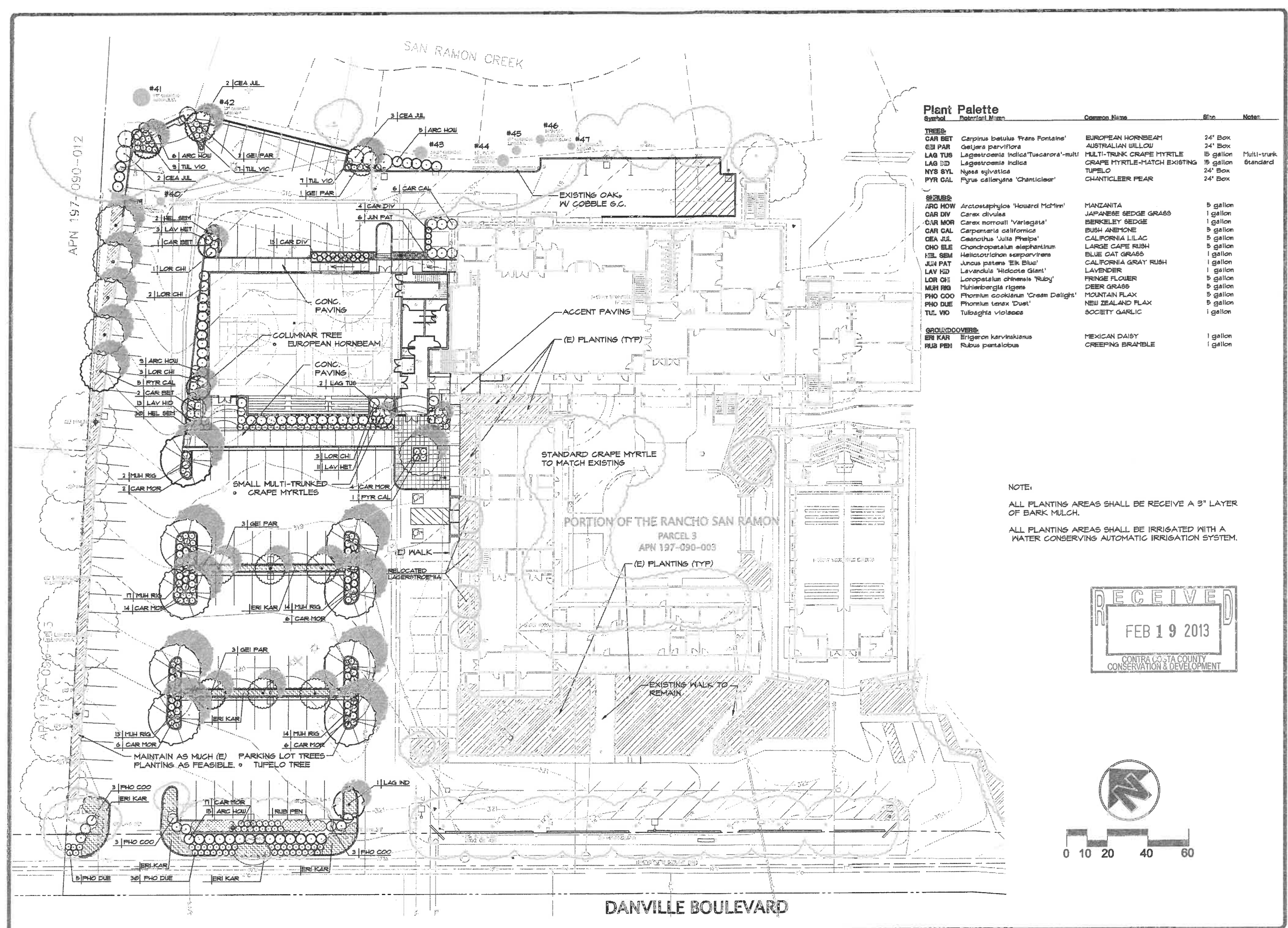
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SCALE
1" = 20'

SHEET
1 OF 1

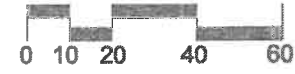
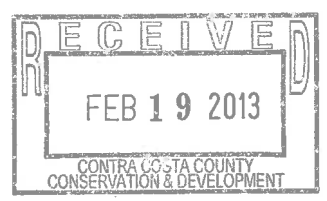
DATE
12.06.2012

REV
1



Plant Palette		Common Name	Size	Notes
Symbol	Botanical Name			
TREES:				
CAR BET	Carpinus betulus 'Frans Fontaine'	EUROPEAN HORNBEAM	24' Box	
GEI PAR	Geijera parviflora	AUSTRALIAN WILLOW	24' Box	
LAG TUS	Lagostroemia indica 'Tuscanora' multi	MULTI-TRUNK GRAPE MYRTLE	15 gallon	Multi-trunk
LAG SD	Lagostroemia indica	GRAPE MYRTLE-MATCH EXISTING	15 gallon	Standard
NYB SYL	Nyssa sylvatica	TUPELO	24' Box	
PYR CAL	Pyrus calleryana 'Chanticleer'	CHANTICLEER PEAR	24' Box	
SHRUBS:				
ARC HOW	Arctostaphylos 'Howard McMillin'	MANZANITA	5 gallon	
CAR DIV	Carex divisa	JAPANESE SEDGE GRASS	1 gallon	
CAR MOR	Carex morrowii 'Variegata'	BERKELEY SEDGE	1 gallon	
CAR CAL	Carpenteria californica	BUSH ANEMONE	5 gallon	
CEA JUL	Ceanothus 'Julia Phelps'	CALIFORNIA LILAC	5 gallon	
CHO ELE	Chondropetalum elephantinum	LARGE CAPE RUSH	5 gallon	
HEL SEM	Heliotropium sempervirens	BLUE OAT GRASS	1 gallon	
JUN PAT	Juncus patens 'Elk Blue'	CALIFORNIA GRAY RUSH	1 gallon	
LAV HD	Lavandula 'Hidcote Giant'	LAVENDER	1 gallon	
LOR CH	Loropetalum chinensis 'Ruby'	FRINGE FLOWER	5 gallon	
MUH RIG	Muhlenbergia rigens	DEER GRASS	5 gallon	
PHO COO	Phormium cookianum 'Cream Delight'	MOUNTAIN FLAX	5 gallon	
PHO DUE	Phormium tenax 'Duet'	NEW ZEALAND FLAX	5 gallon	
TUL VIO	Tulbaghia violacea	SOCIETY GARLIC	1 gallon	
GROUNDCOVERS:				
ERI KAR	Eriogonum karwinskianus	MEXICAN DAISY	1 gallon	
RUB PEN	Rubus pentanotus	CREeping BRAMBLE	1 gallon	

NOTE:
ALL PLANTING AREAS SHALL BE RECEIVE A 3" LAYER OF BARK MULCH.
ALL PLANTING AREAS SHALL BE IRRIGATED WITH A WATER CONSERVING AUTOMATIC IRRIGATION SYSTEM.



REVISIONS	BY

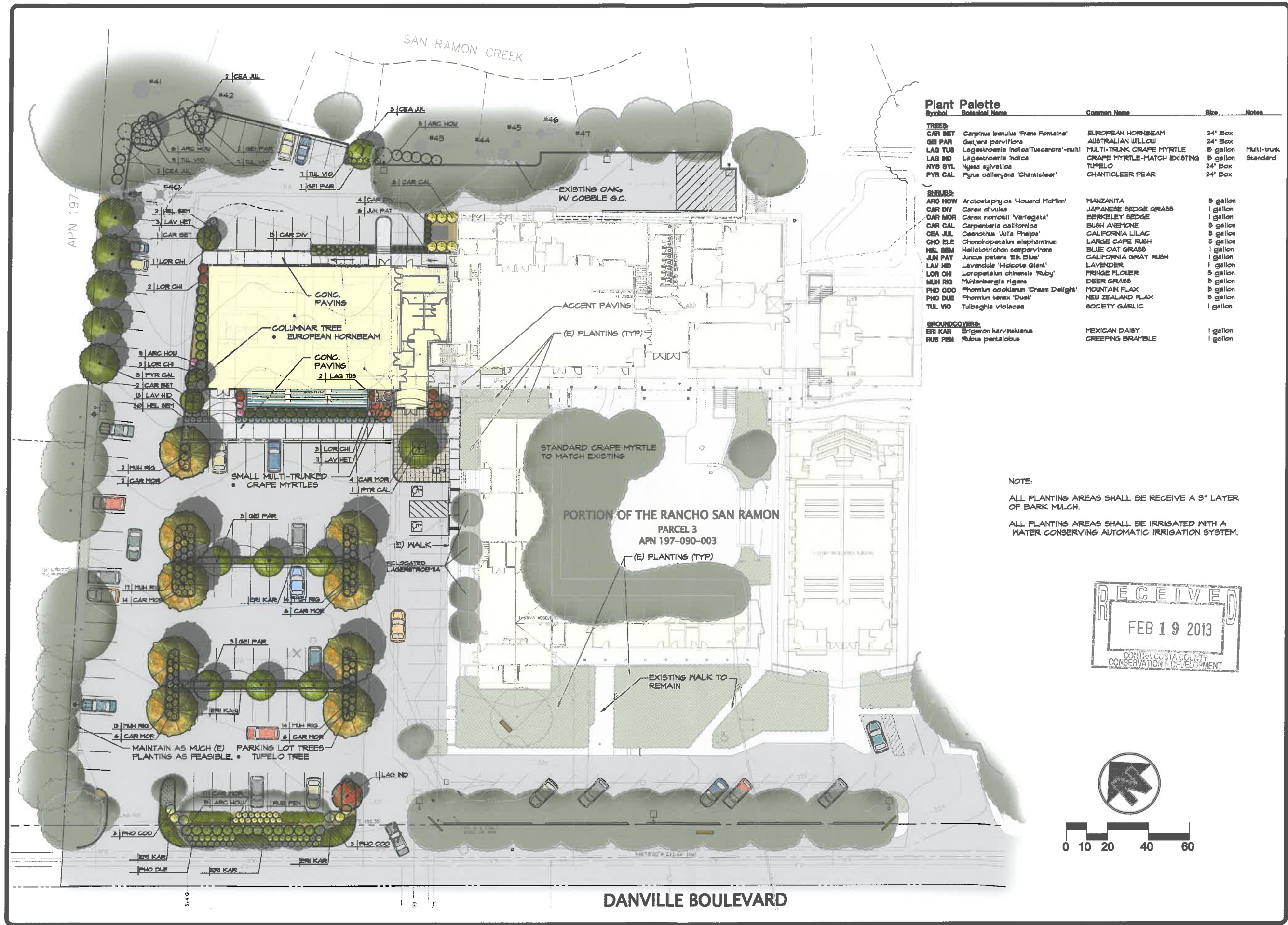
camp & camp associates
planning & landscape architecture
2648 CAMINO DAVILA, SUITE 201
DANVILLE, CALIFORNIA 94507
(925) 941-6666 FAX (925) 941-6435
email: tc@campandcamp.com

REGISTERED LANDSCAPE ARCHITECT
NO. 4494
STATE OF CALIFORNIA

PRELIMINARY LANDSCAPE PLAN

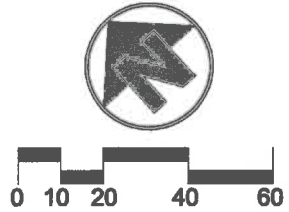
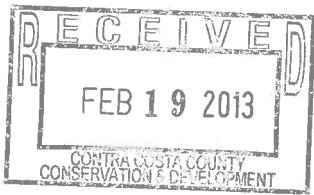
San Ramon Valley United Methodist Church
Danville, CA

DRAWN: PAW / CM
CHECKED: TC
DATE: 12/09/12
SCALE: 1"=20'
JOB NO. 12-025
SHEET
L-1P
OF 00 SHEETS



Symbol	Botanical Name	Common Name	Size	Notes
Plant Palette				
TREES:				
CAR BET	Carpinus betulus 'Frans Fontaine'	EUROPEAN HORNBEAM	24' Box	
GEI PAR	Gelera parviflora	AUSTRALIAN WILLOW	24' Box	
LAG TUS	Lagostroemia indica 'Tuscarora'-multi	MULTI-TRUNK CRAPE MYRTLE	15 gallon	Multi-trunk
LAG IND	Lagostroemia indica	CRAPE MYRTLE-MATCH EXISTING	15 gallon	Standard
NYS SYL	Nyssa sylvatica	TUPELO	24' Box	
PYR CAL	Pyrus calleryana 'Chanticleer'	CHANTICLEER PEAR	24' Box	
SHRUBS:				
ARO HOW	Arctostaphylos 'Howard McMill'	MANZANITA	5 gallon	
CAR DIV	Carex divisa	JAPANESE SEDGE GRASS	1 gallon	
CAR MOR	Carex morrowii 'Variegata'	BERKELEY SEDGE	1 gallon	
CAR CAL	Carpenteria californica	BUSH ANEMONE	5 gallon	
CEA JIL	Ceanothus 'Julia Phelps'	CALIFORNIA LILAC	5 gallon	
CHO ELE	Chondropetalum elephantinum	LARGE CAPE RUSH	5 gallon	
HEL SEM	Heliotrichon sempervirens	BLUE OAT GRASS	1 gallon	
JUN PAT	Juncus patens 'Eik Blue'	CALIFORNIA GRAY RUSH	1 gallon	
LAV HID	Lavandula 'Hidcote Giant'	LAVENDER	1 gallon	
LOR CH	Loropetalum chinensis 'Ruby'	FRINGE FLOWER	5 gallon	
MUH RIG	Muhlenbergia rigens	DEER GRASS	5 gallon	
PHO COO	Phormium cookianum 'Cream Delight'	MOUNTAIN FLAX	5 gallon	
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NOTE:
ALL PLANTING AREAS SHALL BE RECEIVE A 3" LAYER OF BARK MULCH.
ALL PLANTING AREAS SHALL BE IRRIGATED WITH A WATER CONSERVING AUTOMATIC IRRIGATION SYSTEM.



REVISIONS

BY

camp & camp
associates
planting & landscape architecture
350 CHICO DRIVE, SUITE 201
VALLEJO, CALIFORNIA 94590
(925) 941-4888 FAX (925) 941-5485
www.campandcamp.com

PRELIMINARY
LANDSCAPE PLAN

San Ramon Valley
United Methodist Church
Danville, CA

DRAWN: PAW / CM

CHECKED: TC

DATE: 12/03/12

SCALE: 1"=20'

JOB NO. 12-025

SHEET

L-1P

OF 00 SHEETS

RECEIVED
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SANTA CRUZ COUNTY
CONSERVATION & DEVELOPMENT



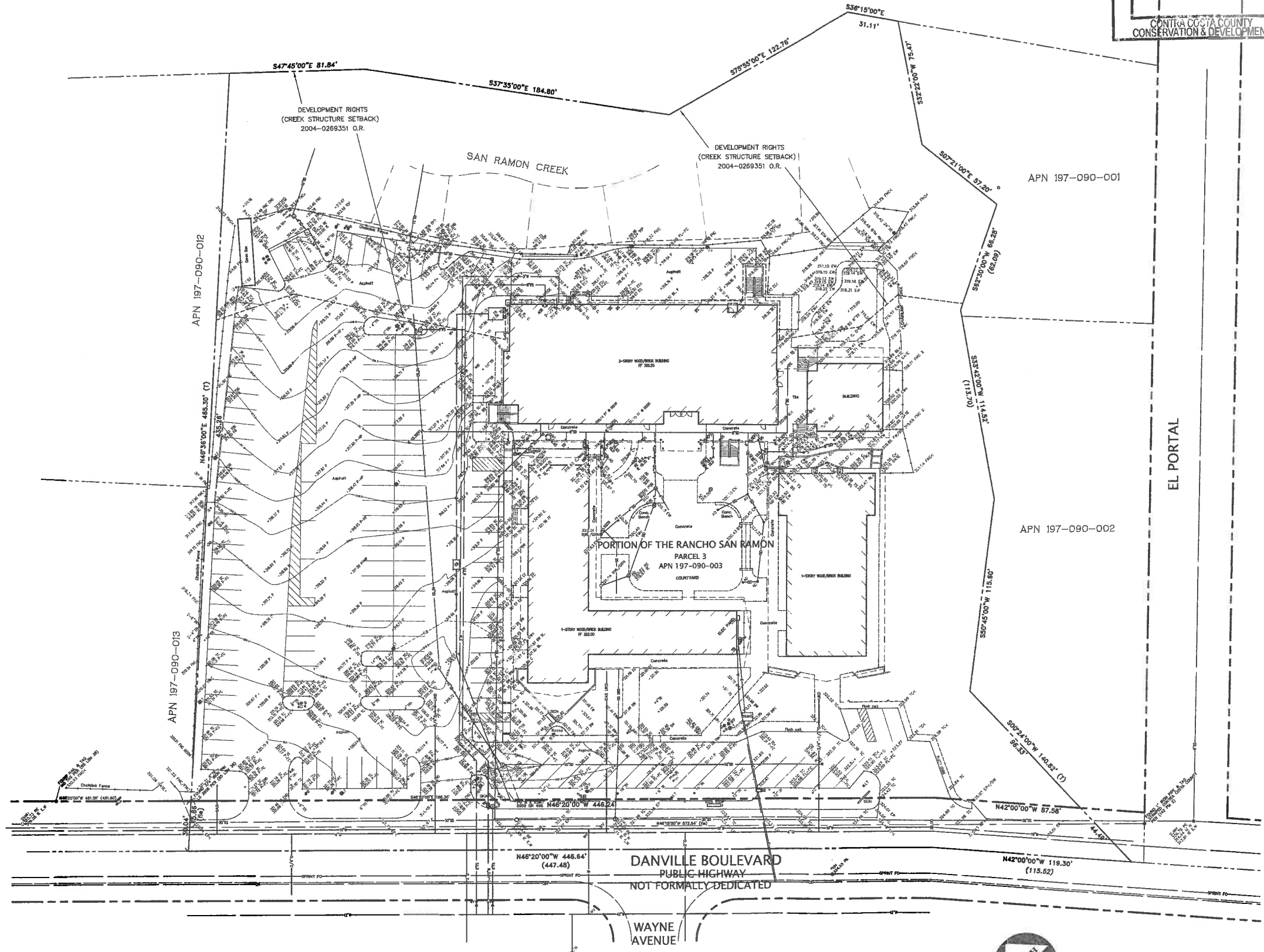
Date: 11/26/12

by
John Traverso
BCMA ARBORIST ISA #0206-b
(925) 930-7901



SCALE: 1" = 30'-0"

RECEIVED
FEB 19 2013
CONTRA COSTA COUNTY
CONSERVATION & DEVELOPMENT



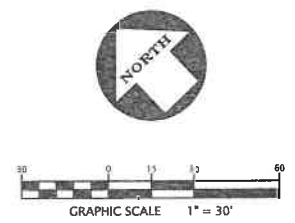
LEGEND	
[Symbol]	PROPERTY LINE
[Symbol]	LOT LINE
[Symbol]	MONUMENT/MONUMENT LINE
[Symbol]	EDGE OF PAVEMENT
[Symbol]	ASPHALT BERM
[Symbol]	CONCRETE CURB
[Symbol]	CONCRETE CURB & GUTTER
[Symbol]	DRIVEWAY
[Symbol]	SIDEWALK
[Symbol]	BUILDING LINE
[Symbol]	CONCRETE/BLOCK/RETAINING WALL
[Symbol]	FENCE LINE
[Symbol]	SPOT ELEVATION
[Symbol]	CONTOUR LINE
[Symbol]	STORM DRAIN-MANHOLE & CATCH BASIN
[Symbol]	SANITARY SEWER-MANHOLE & CLEANOUT
[Symbol]	WATER LINE & VALVE
[Symbol]	FIRE SERVICE & VALVE
[Symbol]	TELEPHONE LINE
[Symbol]	ELECTRIC LINE
[Symbol]	GAS LINE-VALVE & METER
[Symbol]	OVERHEAD POWER LINE
[Symbol]	JOINT TRENCH
[Symbol]	FIRE HYDRANT
[Symbol]	FIRE DEPARTMENT CONNECTION
[Symbol]	ELECTRIC BOX
[Symbol]	UTILITY BOX
[Symbol]	POWER POLE/JOINT POLE
[Symbol]	TRAFFIC SIGN
[Symbol]	BACKFLOW PREVENTION DEVICE
[Symbol]	POST INDICATOR VALVE
[Symbol]	TREE
[Symbol]	ANGLE POINT
[Symbol]	AREA DRAIN
[Symbol]	ASSESSORS PARCEL NUMBER
[Symbol]	AUTO SPRINKLER RISER
[Symbol]	BEGIN
[Symbol]	BACK FLOW PREVENTER
[Symbol]	BUILDING LINE
[Symbol]	BRICK PAVR
[Symbol]	BOTTOM OF STAIR
[Symbol]	BOTTOM
[Symbol]	BACK OF WALK
[Symbol]	CONCRETE
[Symbol]	CATCH BASIN
[Symbol]	COLUMN/COL
[Symbol]	CLEANOUT
[Symbol]	DOWN SPOUT
[Symbol]	DAYLIGHT
[Symbol]	EAST
[Symbol]	ELECTRIC BOX
[Symbol]	EDGE OF CONCRETE
[Symbol]	ELECTRIC
[Symbol]	ELECTRICAL LINE
[Symbol]	EDGE OF PAVEMENT
[Symbol]	ESMT
[Symbol]	EDGE OF WALK
[Symbol]	FACE OF ASPHALT BERM
[Symbol]	FIRE DEPARTMENT CONNECTION
[Symbol]	FOUND MONUMENT
[Symbol]	FINISH FLOOR
[Symbol]	FIRE HYDRANT
[Symbol]	FENCE
[Symbol]	FIRE OPTICS
[Symbol]	FLAG POLE
[Symbol]	FACE OF WALL
[Symbol]	GAS LINE
[Symbol]	GRADE BREAK
[Symbol]	GAS MARKER/METER
[Symbol]	GATE POST
[Symbol]	HIGH POINT
[Symbol]	IRRIGATION BOX
[Symbol]	INVERT ELEVATION
[Symbol]	INTERSECTION
[Symbol]	UP OF CUTTER
[Symbol]	LOW POINT
[Symbol]	LIGHT
[Symbol]	MONUMENT TO MONUMENT
[Symbol]	METAL
[Symbol]	NORTH
[Symbol]	MAGNESIUM NAIL
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[Symbol]	PAVEMENT AT FACE OF CURB
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[Symbol]	PAGE
[Symbol]	POST INDICATOR VALVE
[Symbol]	PARCEL MAP
[Symbol]	RM ELEVATION
[Symbol]	RAILROAD TIE
[Symbol]	SOUTH
[Symbol]	STORM DRAIN TRENCH DRAIN
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[Symbol]	SANITARY SEWER CLEAN OUT
[Symbol]	SANITARY SEWER MANHOLE
[Symbol]	TELEPHONE BOX
[Symbol]	TOP OF CURB
[Symbol]	TOP OF CURB AT CONCRETE
[Symbol]	TOP OF CURB AT PAVEMENT
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[Symbol]	TOP OF WALL
[Symbol]	UNKNOWN UTILITY BOX
[Symbol]	UNKNOWN DIRECTION
[Symbol]	WEST
[Symbol]	WATER METER
[Symbol]	WATER VALVE

NOTES

- THIS PLOT WAS PREPARED FROM INFORMATION FURNISHED IN A PRELIMINARY TITLE REPORT, PREPARED BY FIRST AMERICAN TITLE GUARANTY COMPANY, DATED DECEMBER 6, 2001, NUMBER 778944CC. NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID PRELIMINARY TITLE REPORT THAT MAY AFFECT THE TITLE LINES, OR EXCEPTIONS, OR EASEMENTS OF THE PROPERTY.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
- BENCHMARK: P.K. NAIL AND TAG SET IN TOP CONCRETE CATCH BASIN AT INTERSECTION OF HARTFORD ROAD AND DANVILLE BOULEVARD, SOUTH CURB LINE OF HARTFORD ROAD, 52+/- WEST OF CENTERLINE OF DANVILLE BOULEVARD. ELEVATION= 331.024



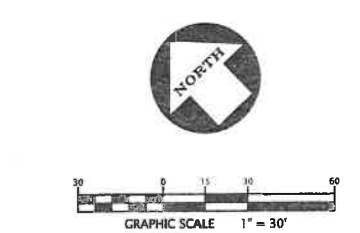
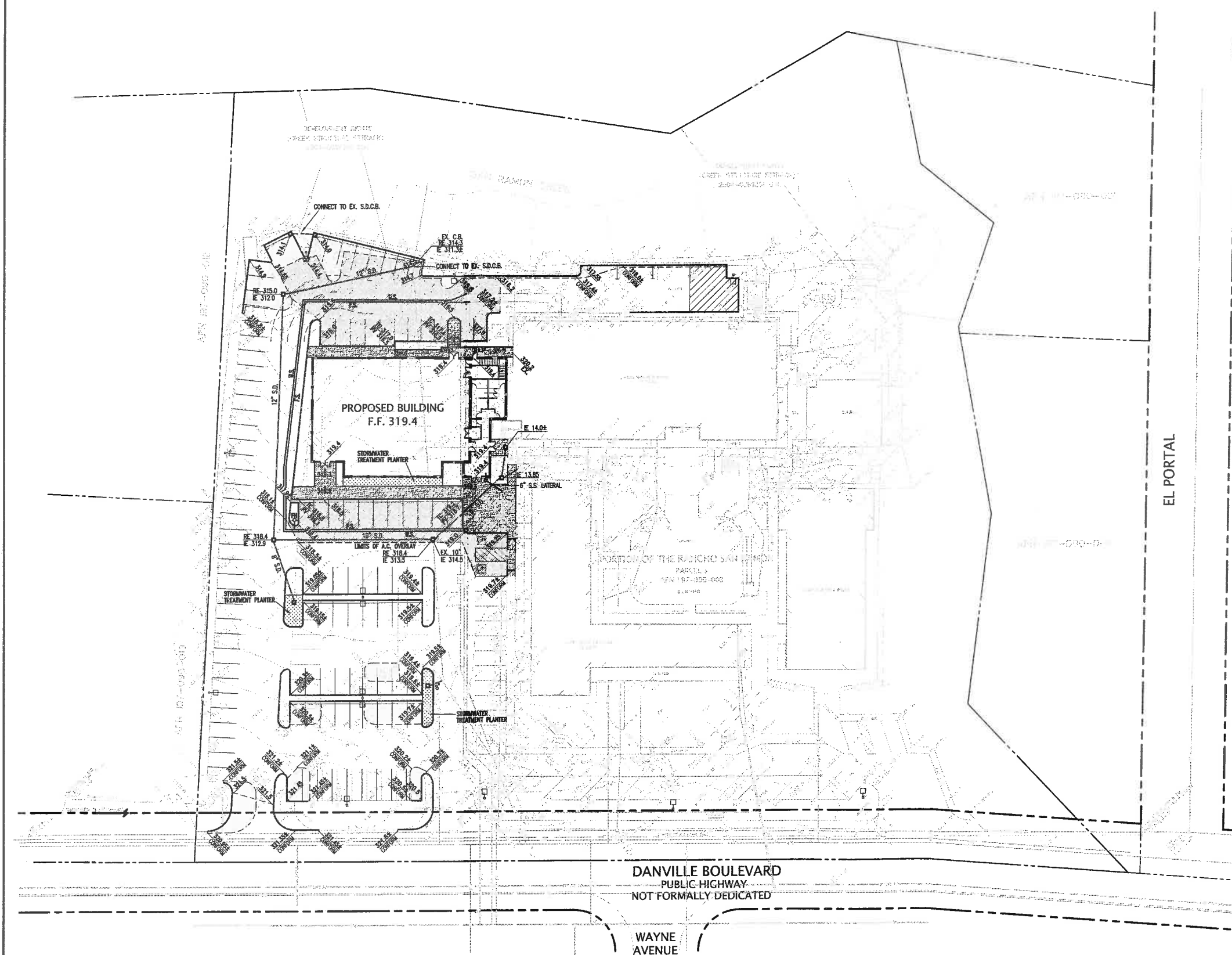
PREPARED BY OR UNDER THE SUPERVISION OF
ANTHONY C. MCCANTS, L.S. 5944
LICENSE EXPIRES: 12-31-12



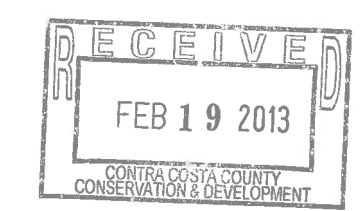
TOPOGRAPHIC SURVEY	DATE	OCT., 2012
SAN RAMON VALLEY	SCALE	1" = 30'
UNITED METHODIST CHURCH	SURVEYOR	ACM
	DRAFTER	REG
	JOB NO.	A01616-3
	SHEET	C.1
	OF	3 SHEETS

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road
Livermore, California 94551
Phone (925) 245-8788
Fax (925) 245-8796

CALIFORNIA
ALAMO,



LEGEND	
	AREA DRAIN
	STORM DRAIN CATCH BASIN
	STORM DRAIN JUNCTION BOX
	STORM DRAIN MANHOLE
	FLOW LINE
	FINISH FLOOR
	PAVEMENT
	RIDGE LINE
	RIM ELEVATION
	SPOT ELEVATION
	TOP OF CURB
	STORM DRAIN LINE
	SANITARY SEWER LINE
	DOMESTIC WATER SERVICE
	FIRE SERVICE
	AUTO PAVEMENT
	TRUCK PAVEMENT
	A.C. OVERLAY (1.5" MIN)



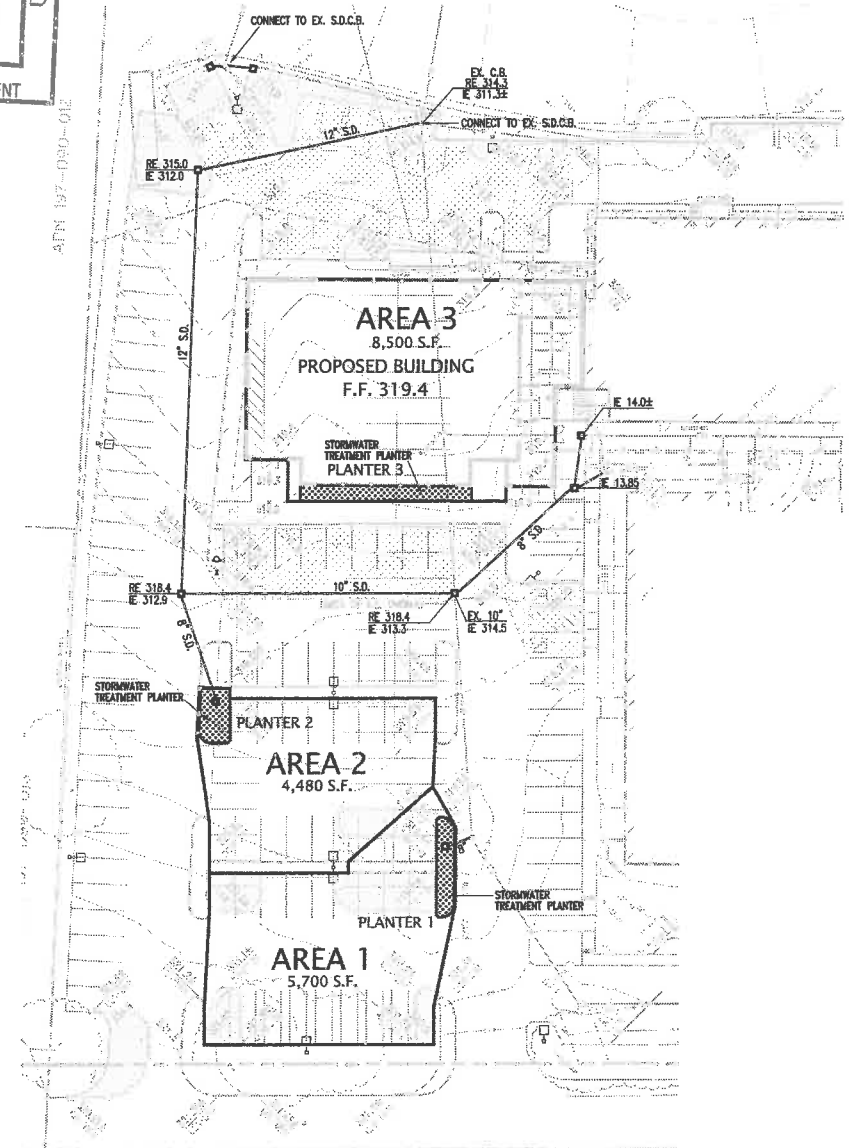
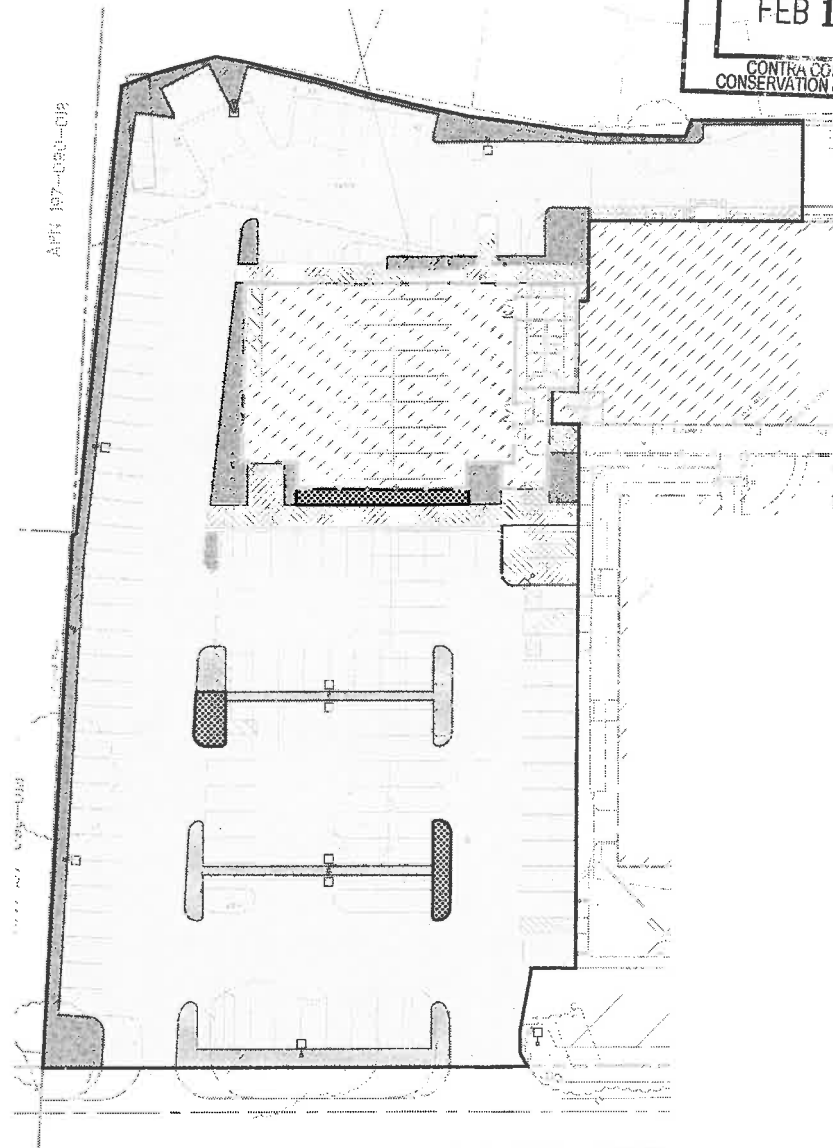
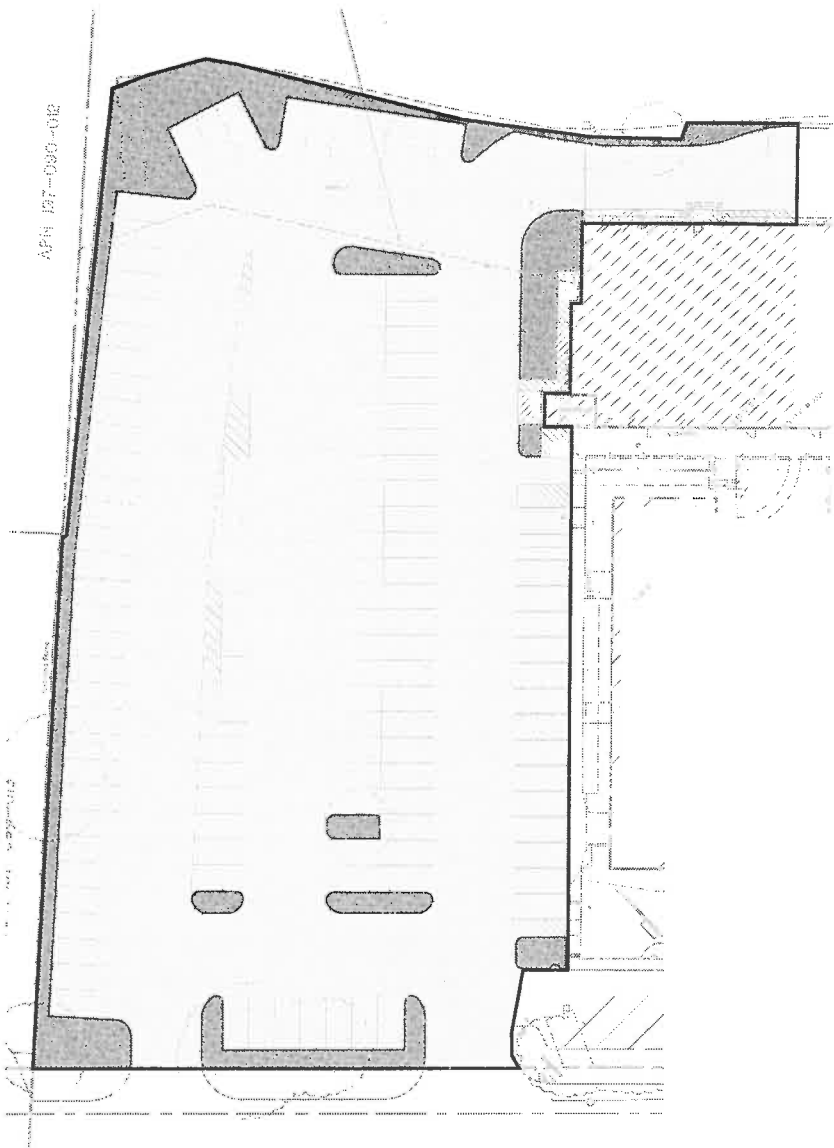
DATE	11/30/2012
SCALE	1" = 30'
DESIGNER	M.F.B.
DRAFTER	-
JOB NO.	A01616-3
SHEET	C.2
OF	3 SHEETS

NO.	BY	NO.	REVISION
1		1	
2		2	
3		3	
4		4	
5		5	

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road
Livermore, California 94551
Phone (925) 245-8788
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PRELIMINARY GRADING, DRAINAGE & UTILITY PLAN
SAN RAMON VALLEY
UNITED METHODIST CHURCH
ALAMO, CALIFORNIA

RECEIVED
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CONSERVATION & DEVELOPMENT



EXISTING CONDITIONS

1" = 30'

LEGEND

- ROOFTOP
- A.C. PAVEMENT
- CONCRETE WALK
- LANDSCAPE AREA

EXISTING CONDITIONS AREA TABULATION

SURFACE	AREA	% IMPERVIOUS
ROOFTOP		
A.C. PAVEMENT	54,350 SF	100 %
CONCRETE SIDEWALK	920 SF	100 %
LANDSCAPE AREA	7,030 SF	10 %
TOTAL SITE AREA	62,300 SF	
EXISTING PERCENT IMPERVIOUS		89.8 %

PROPOSED CONDITIONS

1" = 30'

LEGEND

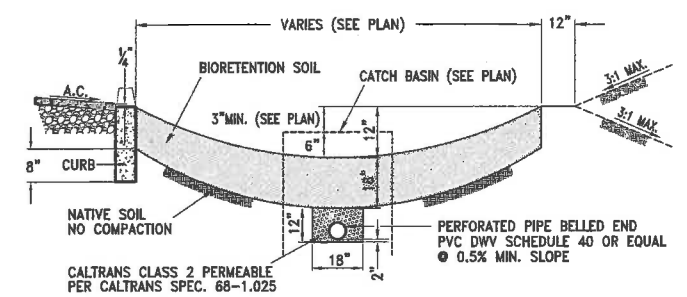
- ROOFTOP
- A.C. PAVEMENT
- CONCRETE PAVEMENT
- LANDSCAPE AREA
- TREATMENT PLANTER

PROPOSED CONDITIONS AREA TABULATION

SURFACE	AREA	% IMPERVIOUS
ROOFTOP	7,940 SF	100 %
A.C. PAVEMENT	44,090 SF	100 %
CONCRETE SIDEWALK	3,200 SF	100 %
LANDSCAPE AREA	6,270 SF	10 %
TREATMENT PLANTER	800 SF	10 %
TOTAL SITE AREA	62,300 SF	
EXISTING PERCENT IMPERVIOUS		89.8 %

Sub-Area BMP Summary

Area ID No.	TRIBUTARY AREA (SF)	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	IMPERVIOUS AREA EQUIVALENT	BMP PROVIDED	BMP SIZE (SF)	SIZING FACTOR (BMP SIZE/ IMP. AREA)
1	5,700	5,385	315	5,416	PLANTER	210	3.9 %
2	4,480	4,150	330	4,183	PLANTER	170	4.1 %
3	8,500	7,940	560	7,996	PLANTER	330	4.1 %
TOTAL	18,680	17,475	1,205	17,595		710	



- NOTES:
- SWALE SHALL BE GRADED TO DRAIN TOWARD OUTLET AT A MINIMUM SLOPE OF 0.3%
 - ALL PERFORATED PIPE SHALL HAVE TWO 5/8" DIA. HOLES
 - ALL TREES IN PLANTER AREA SHALL BE PLANTED PER CITY STANDARD DETAIL LSD-30 (4 OF 4) SEE DETAIL 3 SHEET C.8
 - BIORETENTION SOIL SHALL ACHIEVE A LONG-TERM INFILTRATION RATE OF AT MIN. 5"/HR AND MAX. 10"/HR. BIORETENTION SOIL SHALL ALSO SUPPORT VIGOROUS PLANT GROWTH.

TYPICAL SECTION STORM WATER TREATMENT PLANTER

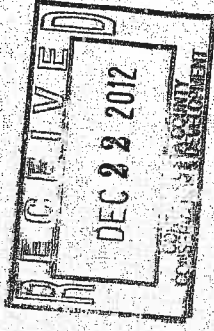
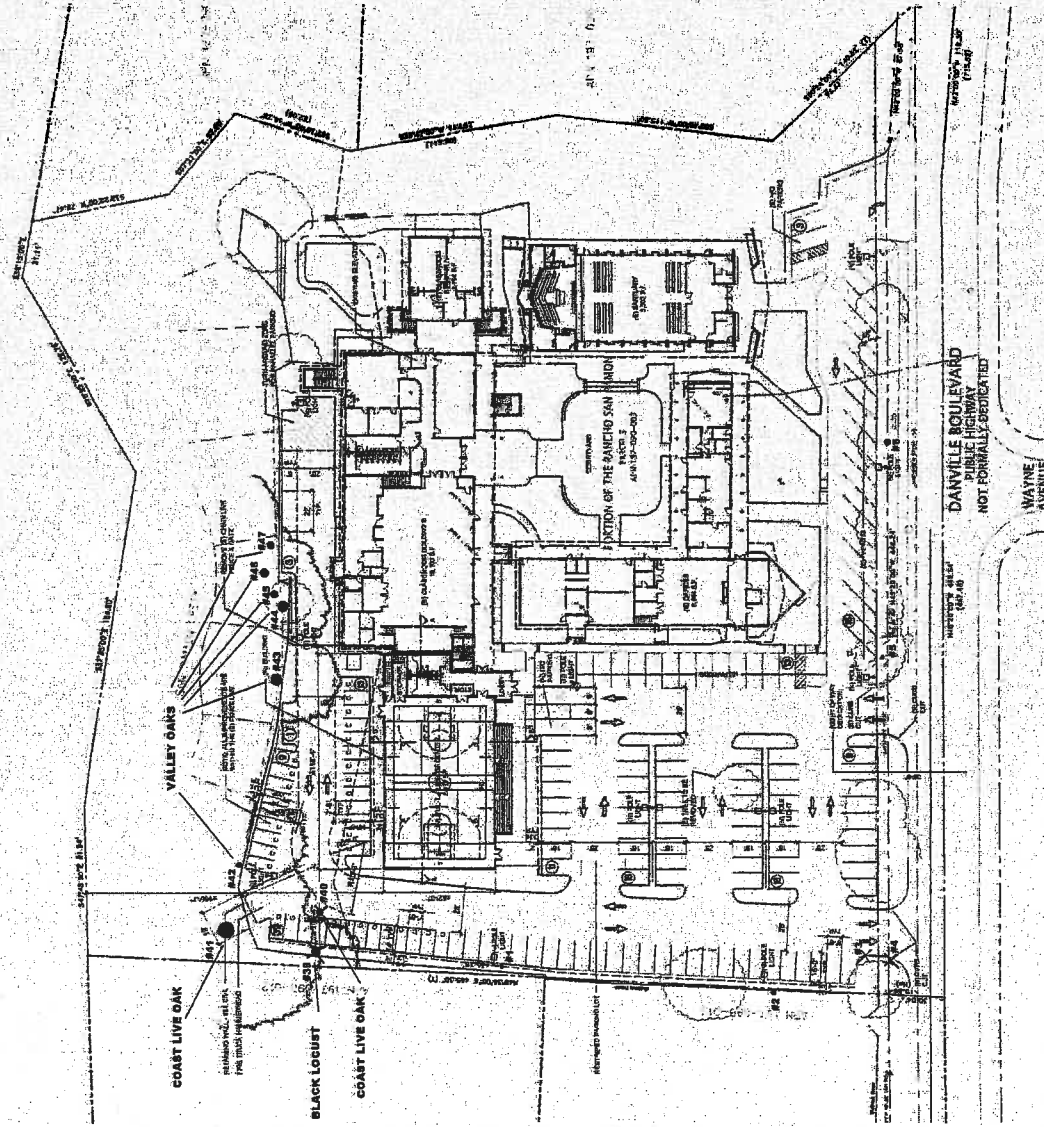
N. T. S.

DATE	11/30/2012
SCALE	1" = 30'
DESIGNER	M.F.B.
DRAFTER	-
JOB NO.	A01616-3
SHEET	C.3
OF	3 SHEETS

STORMWATER QUALITY CONTROL PLAN
SAN RAMON VALLEY
UNITED METHODIST CHURCH
CALIFORNIA
ALAMO.

KIER & WRIGHT
CIVIL ENGINEERS & SURVEYORS, INC.
2850 Collier Canyon Road
Livermore, California 94551
Phone (925) 245-8788
Fax (925) 245-8796

EXISTING TREE INVENTORY



tree inventory
addendum

TREE INVENTORY

Date: 11/26/12

Updated: 12-11-12

by

John Traverso

BCMA ARBORIST ISA #0206-b

(925) 930-7901

