

El Cerrito Green Streets Project Final Project Certification Report

APPENDIX III

RAIN GARDENS “AS-BUILT” CONSTRUCTION DOCUMENTS



Submitted by: *San Francisco Estuary Partnership*

Date: *November, 2012*

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

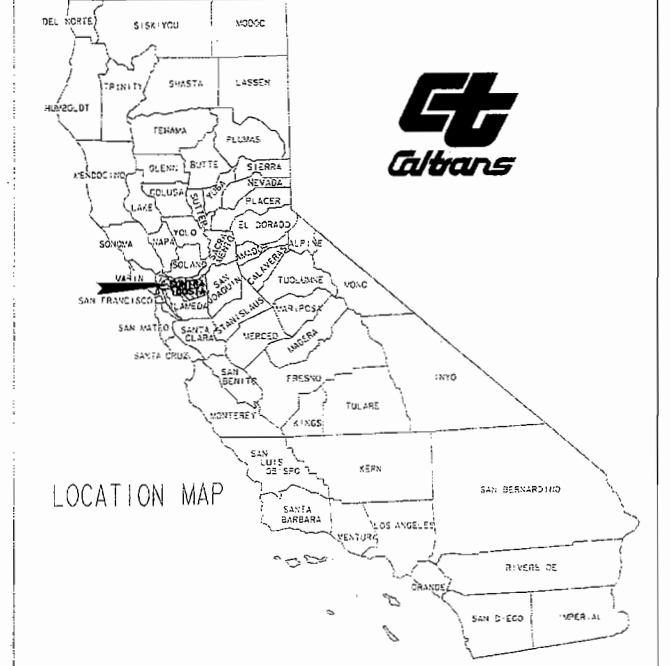
**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

**PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN CONTRA COSTA COUNTY
IN EL CERRITO
AT SAN PABLO AVENUE (SR 123)**

To be supplemented by Standard Plans dated May 2006

San Pablo Avenue Rain Garden Project

| DIST | COUNTY | ROUTE | MILES POST TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 1 | 39 |

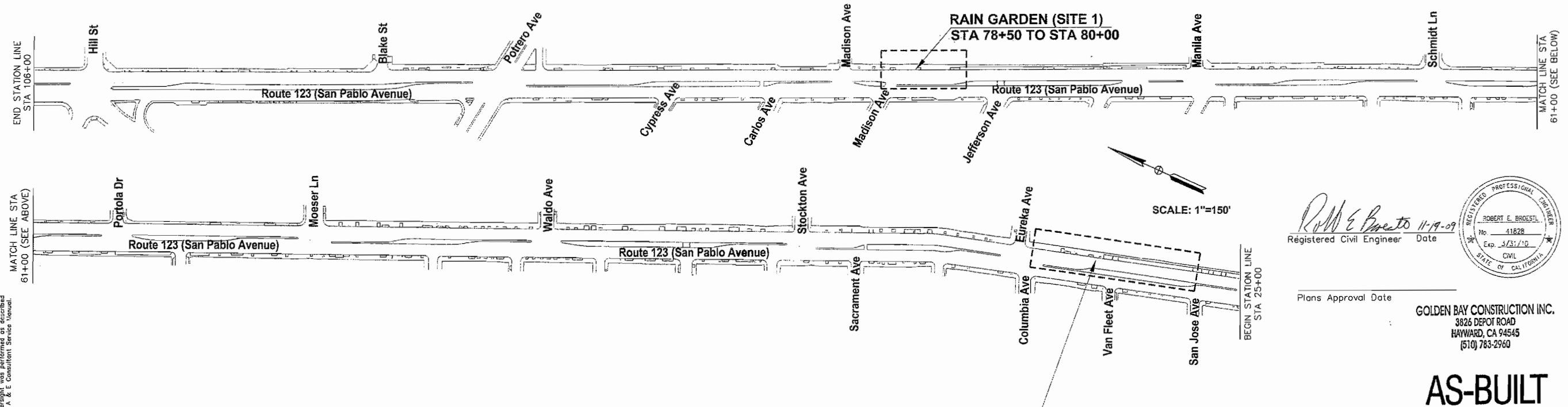


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INDEX OF SHEETS:

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APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.



SCALE: 1"=150'

Robert E. Broest 11/19/09
Registered Civil Engineer Date

Plans Approval Date

GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530

GATES AND ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

BELLECCI & ASSOCIATES, INC.
2290 DIAMOND BOULEVARD, SUITE #100
CONCORD, CA 94520

City Contract No. C4016

SUBMITTED BY: GOLDEN BAY, BID SET
REVIEWED BY: ROD McHALE C.M.E. 10/12/10
November 19, 2009

The Contractor shall possess the Class (or Classes) of license as specified in the "Notice to Contractors"

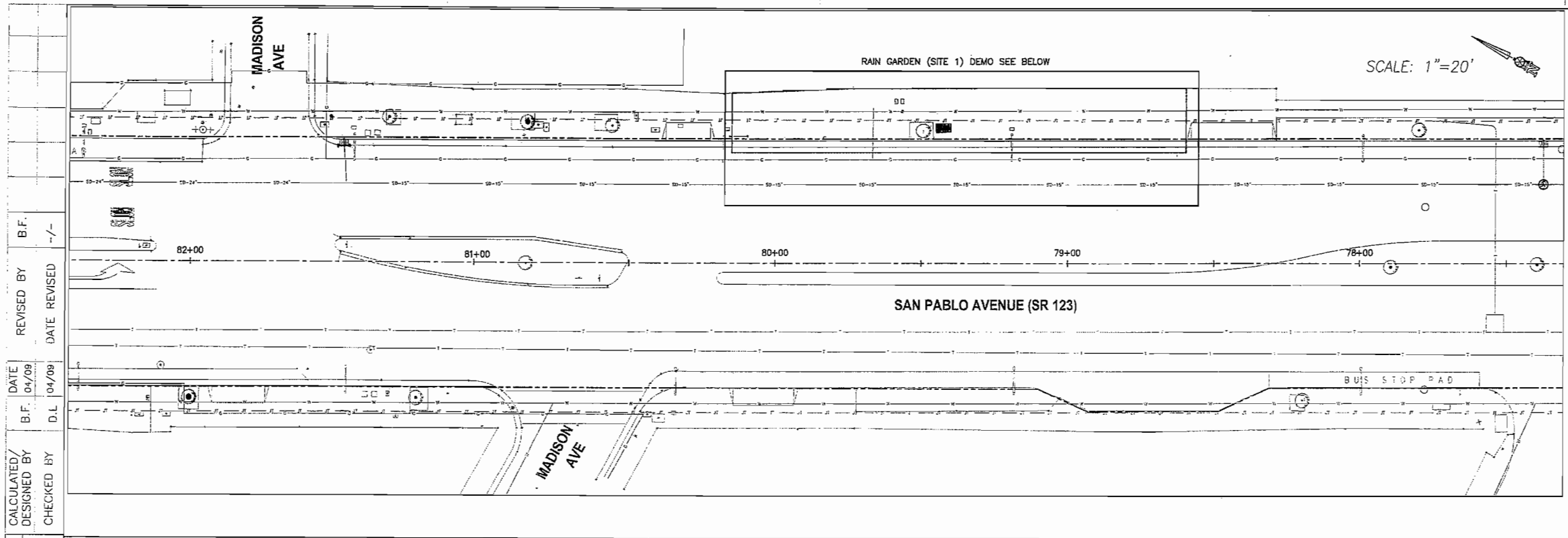
FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 100 200 300 400 500

CITY CONTRACT NO.: C4016
DGN FILE=> DG TITLE_PHASE 2

CU 04275

EA 4A5604

DATE PLOTTED=> 00-00-00
TIME PLOTTED=>



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 2 | 39 |

Registered Civil Engineer: *Robert E. Broedel* 11-19-09
 DATE: 11-19-09
 PLANS APPROVAL DATE: _____
 No. 41828
 Exp. 3/31/10
 CIVIL
 STATE OF CALIFORNIA

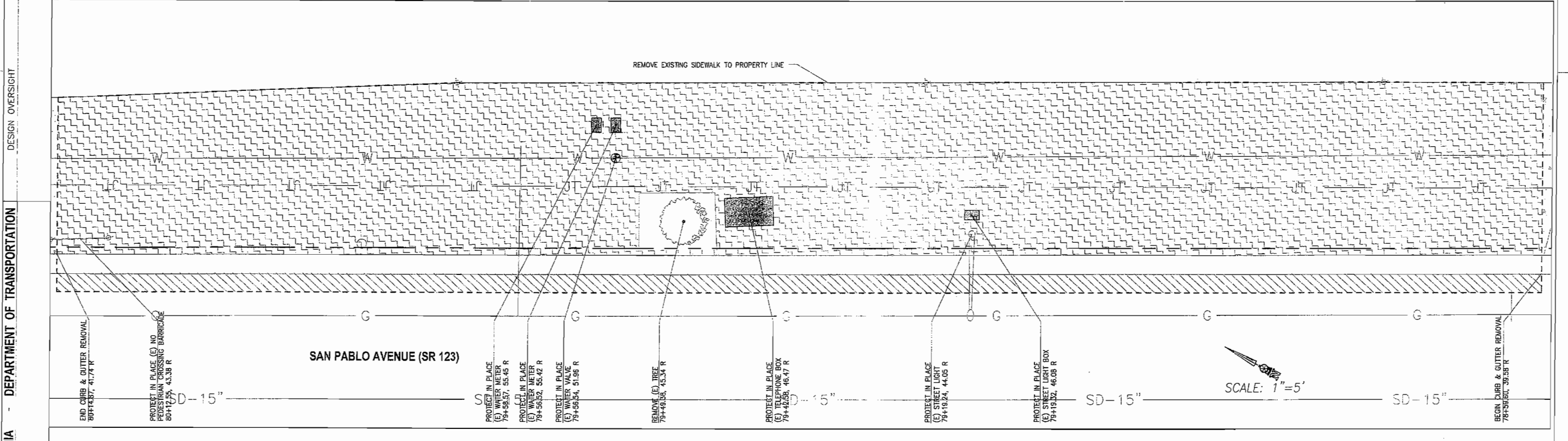
CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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REVISIONS:
 DATE: 04/09
 B.F. D.L.
 CHECKED BY: _____
 DESIGNED BY: _____
 REVISOR: _____
 DATE: 04/09
 B.F. D.L.
 CHECKED BY: _____
 DESIGNED BY: _____

LEGEND:
 [Pattern] EX CONCRETE
 [Pattern] REMOVE CONCRETE
 [Pattern] REMOVE TEXTURED CONCRETE
 [Pattern] REMOVE GRASS/LANDSCAPE
 [Pattern] ASPHALT CONCRETE
 [Symbol] TREE
 [Line] SAWCUT LINE



STATE OF CALIFORNIA
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GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

BID SET
 November 19, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

AS-BUILT
 RAIN GARDEN (SITE 1) DEMOLITION PLAN
 SCALE: AS SHOWN DM-1

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 50 100
 CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga005.dgn

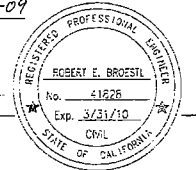
CU 04275 EA 4A5601

DATE PLOTTED: _____
 TIME PLOTTED: _____
 LAST REVISION: 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
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| 04 | CC | 123 | 0.0/2.1 | 3 | 39 |

Robert E. Brocetti 11-19-09
 REGISTERED CIVIL ENGINEER DATE

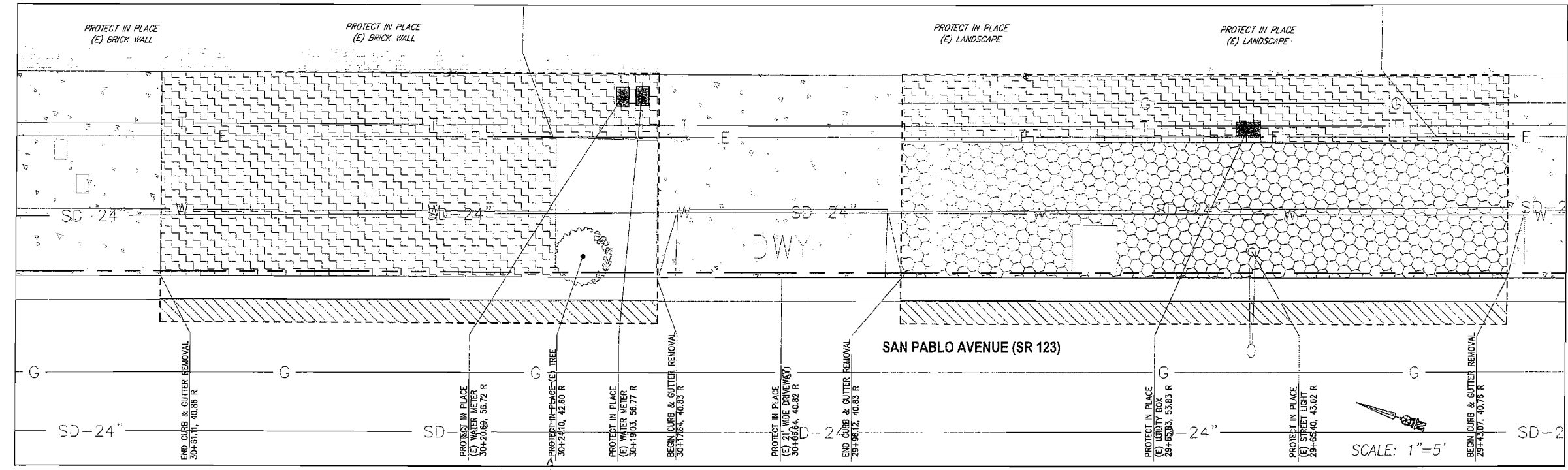
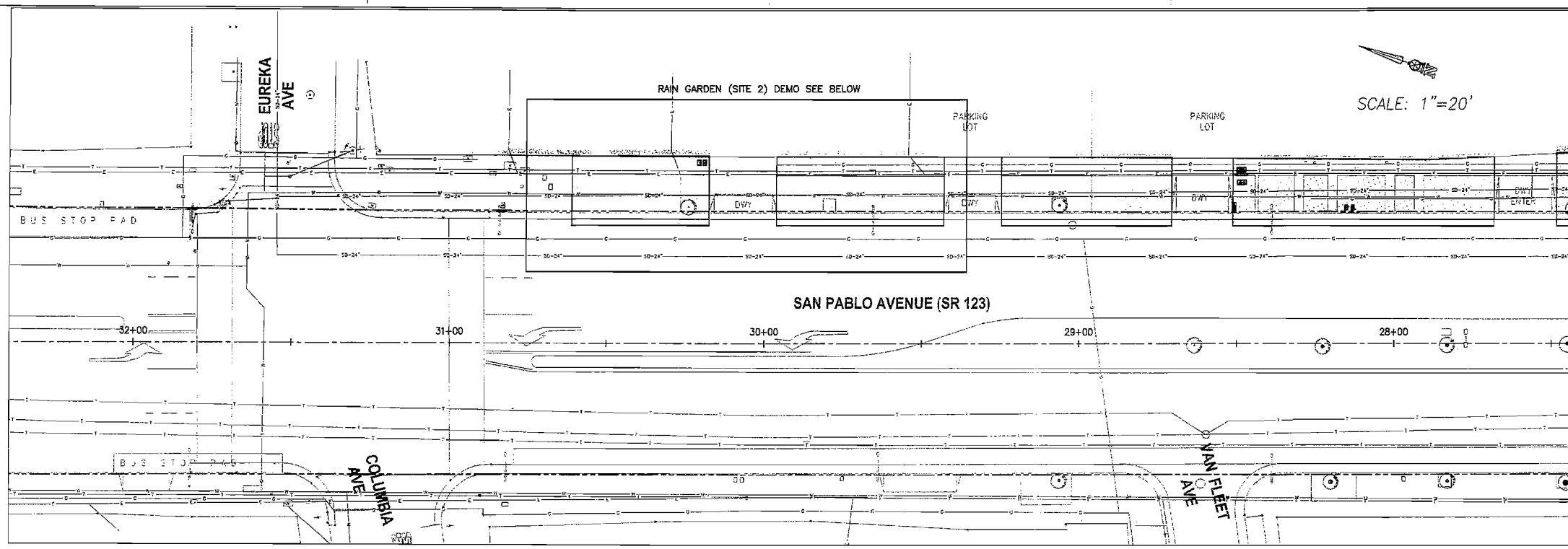
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 - SAWCUT LINE



| DATE | REVISION BY | DATE | REVISION BY |
|-------|-------------|-------|-------------|
| 04/09 | B.F. | 04/09 | B.F. |

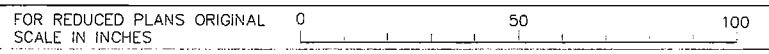
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RAIN GARDEN (SITE 2) DEMOLITION PLAN
 SCALE: AS SHOWN **DM-2**



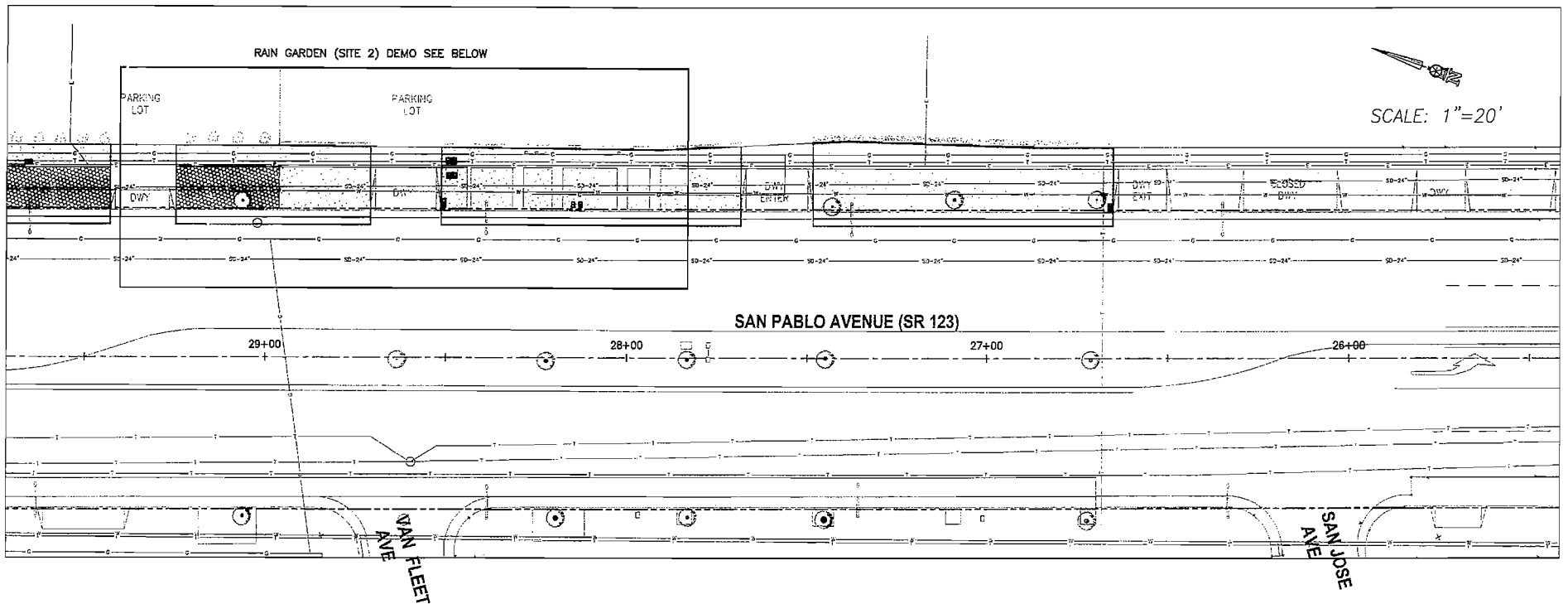
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CU 04275 EA 4A5601

DATE PLOTTED=>
 TIME PLOTTED=>
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| | | | |
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| DESIGNED BY | B.F. | DATE | 04/09 |
| CHECKED BY | D.L. | DATE | 04/09 |
| REVISIONS | B.F. | DATE | 04/09 |
| REVISIONS | B.F. | DATE | 04/09 |



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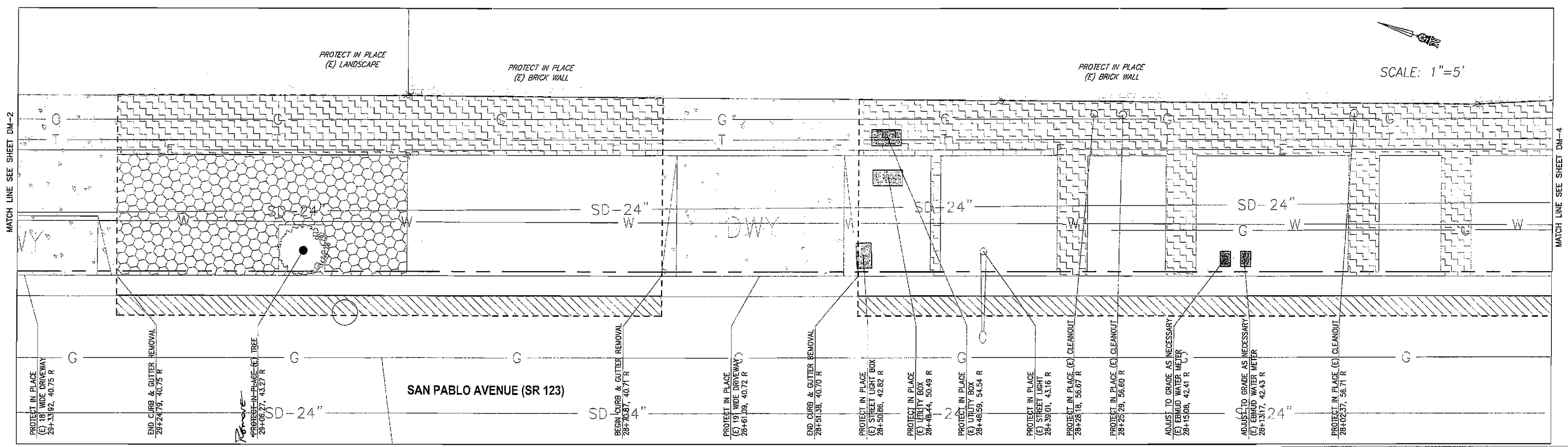
REGISTERED CIVIL ENGINEER
 11-19-09 DATE
 PROFESSIONAL ENGINEER
 No. 41628
 Exp. 3/31/10
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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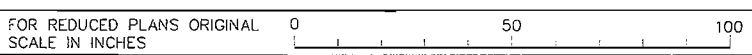


GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

BID SET
 November 19, 2009

AS-BUILT

RAIN GARDEN (SITE 2) DEMOLITION PLAN
 SCALE: AS SHOWN DM-3



CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga007.dgn

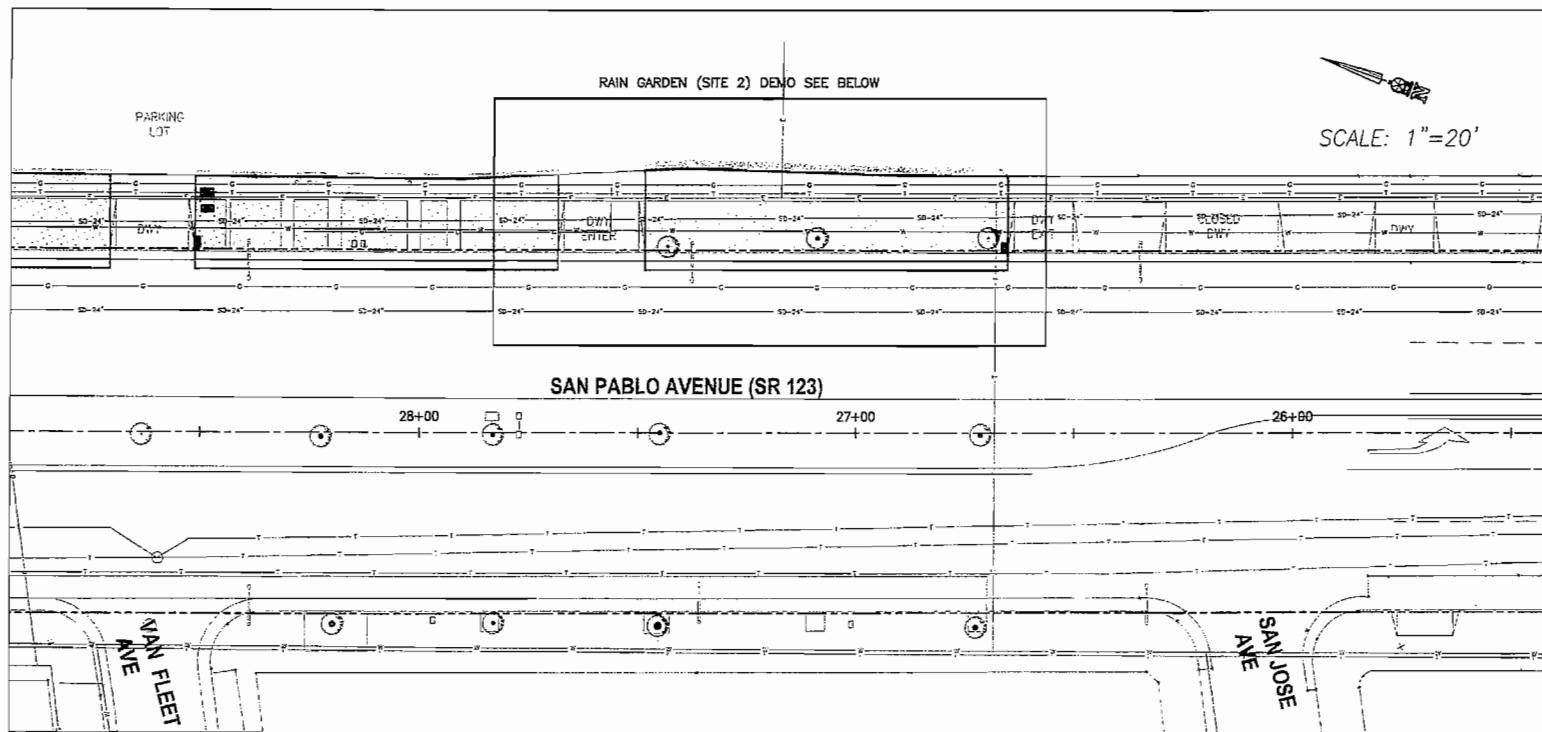
CU 04275

EA 4A5601

DATE PLOTTED=>
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 00-00-00

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
Caltrans

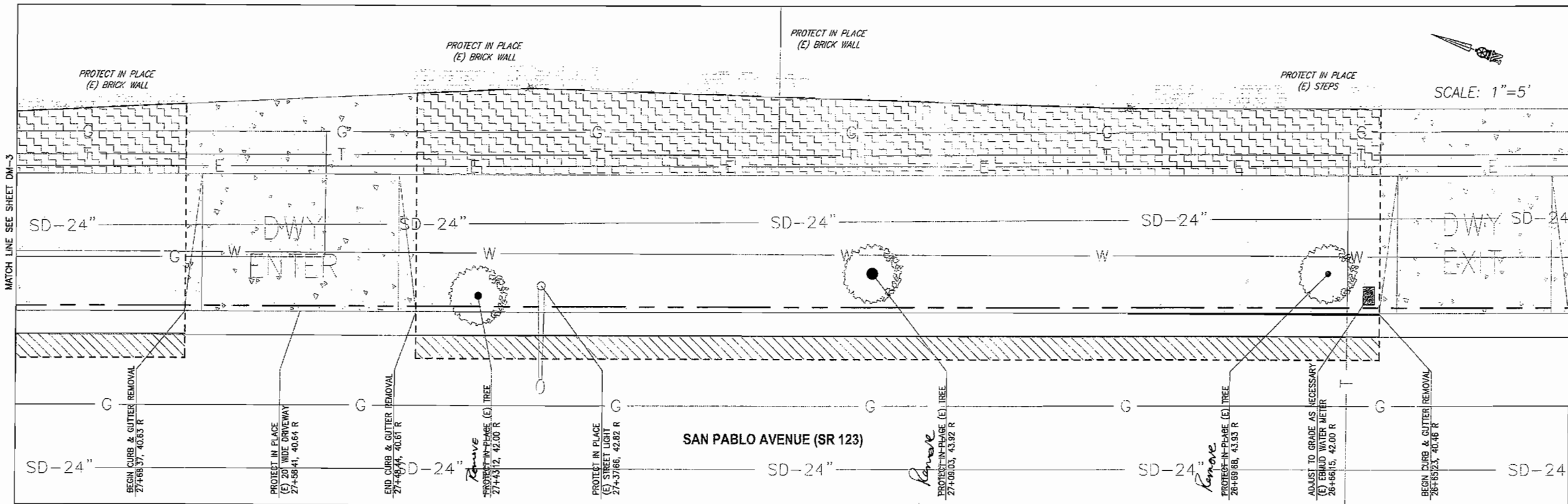
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|-------------|------|------|-------|
| DESIGNED BY | B.F. | DATE | 04/09 |
| CHECKED BY | D.L. | DATE | 04/09 |
| REVISOR | B.F. | DATE | 04/09 |
| REVISION | | DATE | |



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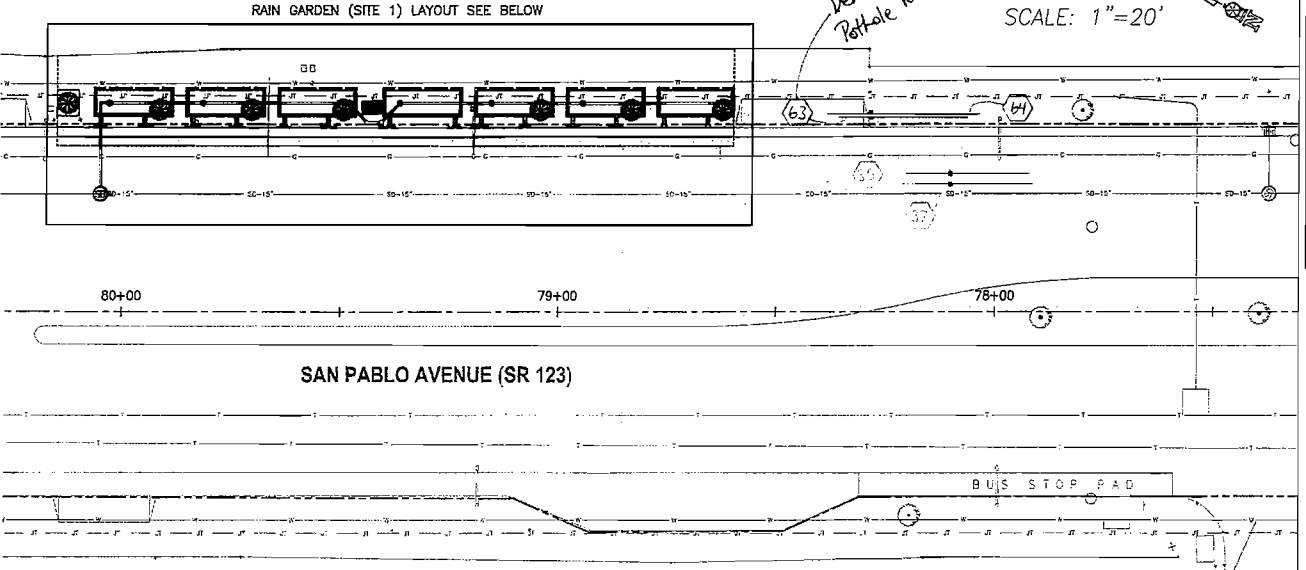
REGISTERED CIVIL ENGINEER: *Robert E. Brosil*
 DATE: 11-19-09
 PLANS APPROVAL DATE: _____
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530
 BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- EX CONCRETE
 - REMOVE CONCRETE
 - REMOVE TEXTURED CONCRETE
 - REMOVE GRASS/LANDSCAPE
 - ASPHALT CONCRETE
 - TREE
 - SAWCUT LINE



Potholes

| # | utility | type of line | diameter | offset | depth | loc | qty |
|----|-------------------|--------------|----------|---------|-------|---------------|-----|
| 1 | water | transite | 0.670 | 4.58 | 2.00 | Sta. 26+65.56 | 1 |
| 2 | street light | steel | 0.170 | 9.50 | 0.83 | Sta. 26+68.56 | 2 |
| 3 | water | cast iron | 0.330 | 1.00 | 1.83 | Sta. 26+80.90 | 3 |
| 4 | water | copper | 0.083 | 8.50 | 0.42 | Sta. 27+07.23 | 4 |
| 5 | sewer | vcp | 0.330 | 9.50 | 1.80 | Sta. 27+13.54 | 5 |
| 6 | water (abandoned) | cast iron | 0.330 | 1.00 | 1.83 | Sta. 27+31.81 | 6 |
| 7 | water | transite | 0.670 | 4.58 | 2.00 | Sta. 27+39.31 | 7 |
| 8 | street light | steel | 0.170 | 9.50 | 0.83 | Sta. 27+43.56 | 8 |
| 9 | water | transite | 0.670 | 4.58 | 2.33 | Sta. 27+71.81 | 9 |
| 10 | gas | steel | 0.250 | 8.50 | 1.88 | Sta. 27+71.81 | 10 |
| 11 | water | steel | 0.670 | 7.67 | 2.92 | Sta. 28+82.87 | 11 |
| 12 | sewer | cast iron | 0.330 | 7.67 | 3.58 | Sta. 28+82.87 | 12 |
| 13 | gas | steel | 0.250 | 7.50 | 1.71 | Sta. 28+11.38 | 13 |
| 14 | gas | steel | 0.125 | 7.50 | 1.54 | Sta. 28+11.38 | 14 |
| 15 | gas | copper | 0.063 | 5.50 | 0.88 | Sta. 28+16.30 | 15 |
| 16 | gas | steel | 0.125 | 7.50 | 1.33 | Sta. 28+33.55 | 16 |
| 17 | street light | steel | 0.170 | 8.00 | 0.83 | Sta. 28+38.88 | 17 |
| 18 | street light | pvc | 0.170 | 11.67 | 0.83 | Sta. 28+42.05 | 18 |
| 19 | water | transite | 0.670 | 4.58 | 2.33 | Sta. 28+45.13 | 19 |
| 20 | water | transite | 0.330 | 5.33 | 2.17 | Sta. 28+62.85 | 20 |
| 21 | at&t | tar | 0.500 | 4.25 | 2.17 | Sta. 28+62.85 | 21 |
| 22 | po&e | tar | 0.170 | 5.25 | 2.58 | Sta. 28+62.85 | 22 |
| 23 | electrical | steel | 0.170 | 4.00 | 2.17 | Sta. 28+37.20 | 23 |
| 24 | street light | steel | 0.170 | 4.00 | 2.17 | Sta. 28+37.20 | 24 |
| 25 | po&e | tar | 0.500 | 4.33 | 1.92 | Sta. 28+37.20 | 25 |
| 26 | electrical | steel | 0.170 | 6.00 | 1.83 | Sta. 28+37.20 | 26 |
| 27 | at&t | transite | 0.330 | 6.00 | 2.17 | Sta. 28+37.20 | 27 |
| 28 | po&e | tar | 0.500 | 4.75 | 2.00 | Sta. 28+51.87 | 28 |
| 29 | electrical | steel | 0.170 | 5.75 | 2.17 | Sta. 28+51.87 | 29 |
| 30 | at&t | transite | 0.330 | 6.00 | 2.17 | Sta. 28+61.67 | 30 |
| 31 | street light | steel | 0.170 | 3.33 | 2.33 | Sta. 80+04.62 | 31 |
| 32 | po&e | tar | 0.500 | 4.00 | 2.17 | Sta. 80+04.62 | 32 |
| 33 | electrical | steel | 0.170 | 5.00 | 2.58 | Sta. 80+04.62 | 33 |
| 34 | at&t | transite | 0.330 | 5.33 | 2.17 | Sta. 80+04.62 | 34 |
| 35 | gas | plastic | 0.670 | 10.50 | 3.48 | Sta. 78+10.37 | 35 |
| 36 | gas | plastic | 0.370 | 1.80 | 3.60 | Sta. 80+04.62 | 36 |
| 37 | storm drain | pcp | 2.000 | (13.00) | 1.75 | Sta. 78+10.37 | 37 |
| 38 | storm drain | pcp | 2.000 | (15.00) | 1.83 | Sta. 80+04.62 | 38 |
| 39 | gas | plastic | 0.642 | 7.67 | 1.50 | Sta. 79+65.37 | 39 |
| 40 | water | steel | 0.670 | 7.67 | 3.08 | Sta. 79+63.04 | 40 |
| 41 | gas | steel | 0.063 | 8.00 | 2.00 | Sta. 30+23.21 | 41 |
| 42 | sewer | steel | 0.330 | 8.00 | 2.21 | Sta. 30+21.25 | 42 |
| 43 | interconnect | plastic | 0.170 | 3.00 | 0.83 | Sta. 27+31.23 | 43 |
| 44 | street light | steel | 0.170 | 4.17 | 2.25 | Sta. 27+31.23 | 44 |
| 45 | po&e | tar | 0.500 | 4.75 | 2.08 | Sta. 27+31.23 | 45 |



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|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 6 | 39 |

REGISTERED CIVIL ENGINEER
 11-19-09 DATE
 PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

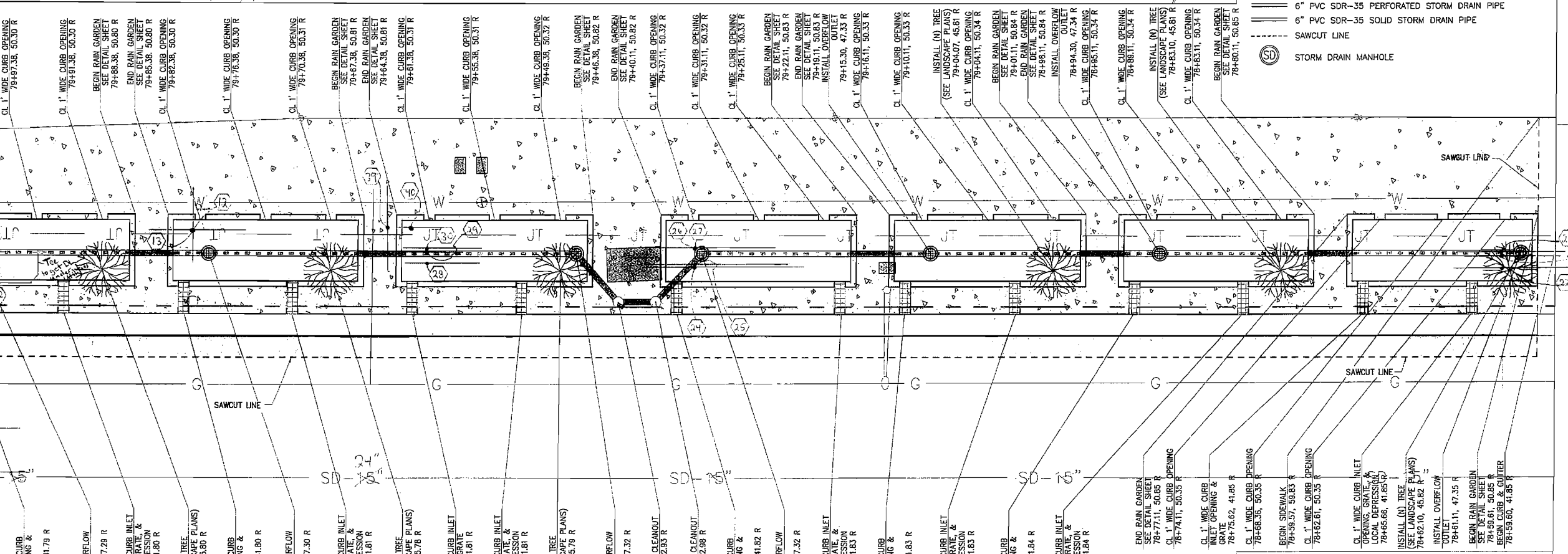
BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
 - 14" FDAC (SEE CONSTRUCTION DETAIL SHT)
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE CONSTRUCTION DETAIL SHT)
 - OVERFLOW OUTLET (SEE CONSTRUCTION DETAIL SHT)
 - CLEAN OUT (SEE CONSTRUCTION DETAIL SHT)
 - 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - SAWCUT LINE
 - STORM DRAIN MANHOLE

| CALCULATED/DESIGNED BY | REVISOR | DATE | REASON |
|------------------------|---------|-------|--------|
| B.F. | -/- | 04/09 | |
| B.F. | -/- | 04/09 | |

END SIDEWALK 80+14.86, 58.11 R
 END RAIN GARDEN SEE DETAIL SHEET 80+06.38, 50.79 R
 CL 1" WIDE CURB OPENING 80+03.36, 50.29 R
 CL 1" WIDE CURB OPENING 79+97.36, 50.30 R
 CL 1" WIDE CURB OPENING 79+91.37, 50.30 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 79+48.38, 50.80 R
 END RAIN GARDEN SEE DETAIL SHEET 79+45.38, 50.80 R
 CL 1" WIDE CURB OPENING 79+82.38, 50.30 R
 CL 1" WIDE CURB OPENING 79+76.36, 50.30 R
 CL 1" WIDE CURB OPENING 79+70.38, 50.31 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 79+67.38, 50.81 R
 END RAIN GARDEN SEE DETAIL SHEET 79+64.38, 50.81 R
 CL 1" WIDE CURB OPENING 79+61.38, 50.31 R
 CL 1" WIDE CURB OPENING 79+55.38, 50.31 R
 CL 1" WIDE CURB OPENING 79+49.38, 50.32 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 79+46.38, 50.82 R
 END RAIN GARDEN SEE DETAIL SHEET 79+40.11, 50.82 R
 CL 1" WIDE CURB OPENING 79+37.11, 50.32 R
 CL 1" WIDE CURB OPENING 79+31.11, 50.32 R
 CL 1" WIDE CURB OPENING 79+25.11, 50.33 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 79+22.11, 50.83 R
 END RAIN GARDEN SEE DETAIL SHEET 79+19.11, 50.83 R
 INSTALL OVERFLOW OUTLET 79+15.30, 47.33 R
 CL 1" WIDE CURB OPENING 79+16.11, 50.33 R
 CL 1" WIDE CURB OPENING 79+10.11, 50.33 R
 INSTALL (N) TREE (SEE LANDSCAPE PLANS) 79+04.07, 46.81 R
 CL 1" WIDE CURB OPENING 79+04.11, 50.34 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 79+01.11, 50.84 R
 END RAIN GARDEN SEE DETAIL SHEET 79+99.11, 50.84 R
 INSTALL OVERFLOW OUTLET 78+94.30, 47.34 R
 CL 1" WIDE CURB OPENING 78+95.11, 50.34 R
 CL 1" WIDE CURB OPENING 78+89.11, 50.34 R
 INSTALL (N) TREE (SEE LANDSCAPE PLANS) 78+83.10, 45.81 R
 CL 1" WIDE CURB OPENING 78+83.11, 50.34 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 78+80.11, 50.34 R
 END RAIN GARDEN SEE DETAIL SHEET 78+77.11, 50.85 R
 CL 1" WIDE CURB OPENING 78+77.11, 50.85 R
 CL 1" WIDE CURB OPENING 78+71.11, 50.35 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 78+68.38, 50.35 R
 END RAIN GARDEN SEE DETAIL SHEET 78+62.61, 50.35 R
 CL 1" WIDE CURB INLET 78+61.11, 47.35 R
 CL 1" WIDE CURB INLET 78+55.57, 50.85 R
 BEGIN SIDEWALK 78+55.57, 50.85 R
 CL 1" WIDE CURB OPENING 78+52.61, 50.35 R
 CL 1" WIDE CURB INLET 78+49.38, 50.35 R
 BEGIN RAIN GARDEN SEE DETAIL SHEET 78+46.66, 41.85 R
 END RAIN GARDEN SEE DETAIL SHEET 78+43.60, 41.85 R
 CL 1" WIDE CURB INLET 78+43.60, 41.85 R



SAN PABLO AVENUE (SR 123)

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT SCALE: 1"=5'
 SCALE: AS SHOWN L-1

BID SET
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RAIN GARDEN (SITE 1) LAYOUT PLAN
 SCALE: AS SHOWN L-1

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 50 100

CITY CONTRACT NO.: C4016
 DGN FILE => 44a560ga005.dgn

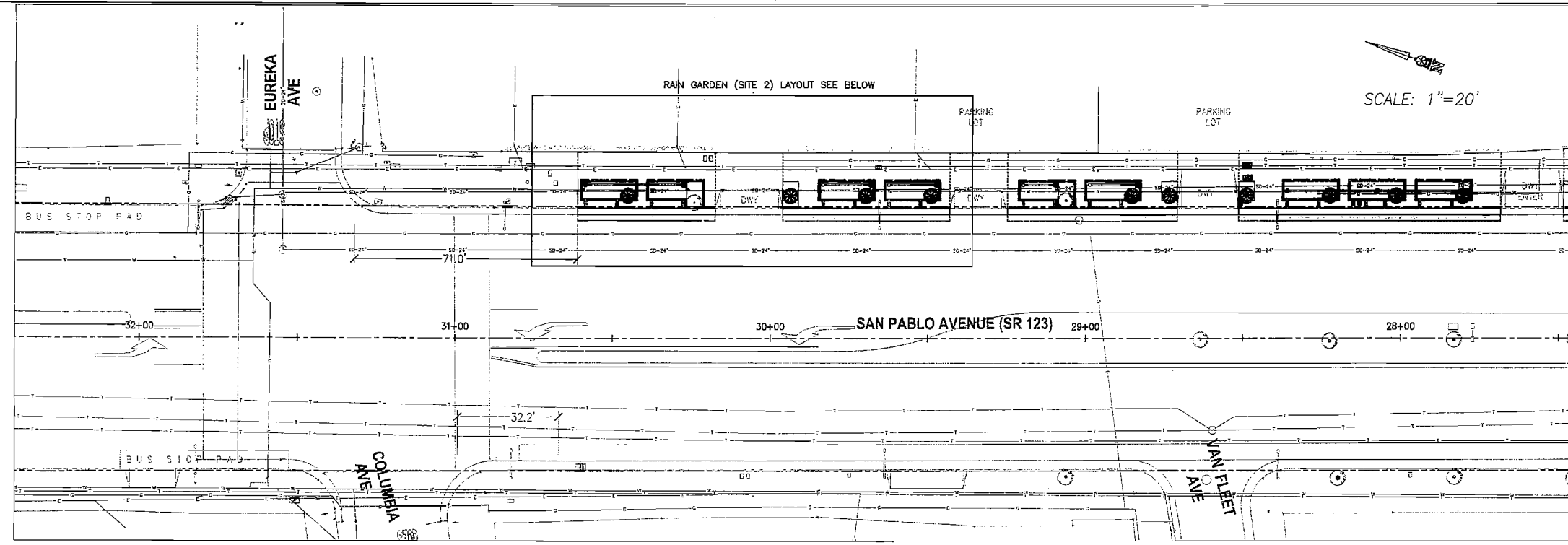
CU 04275

EA 4A5601

DATE PLOTTED: 00-00-00
 TIME PLOTTED:

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| | | | |
|------------------------|------------|-----------|------|
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| CHECKED BY | B.F. 04/09 | B.F. -/ - | |



| | | | | | |
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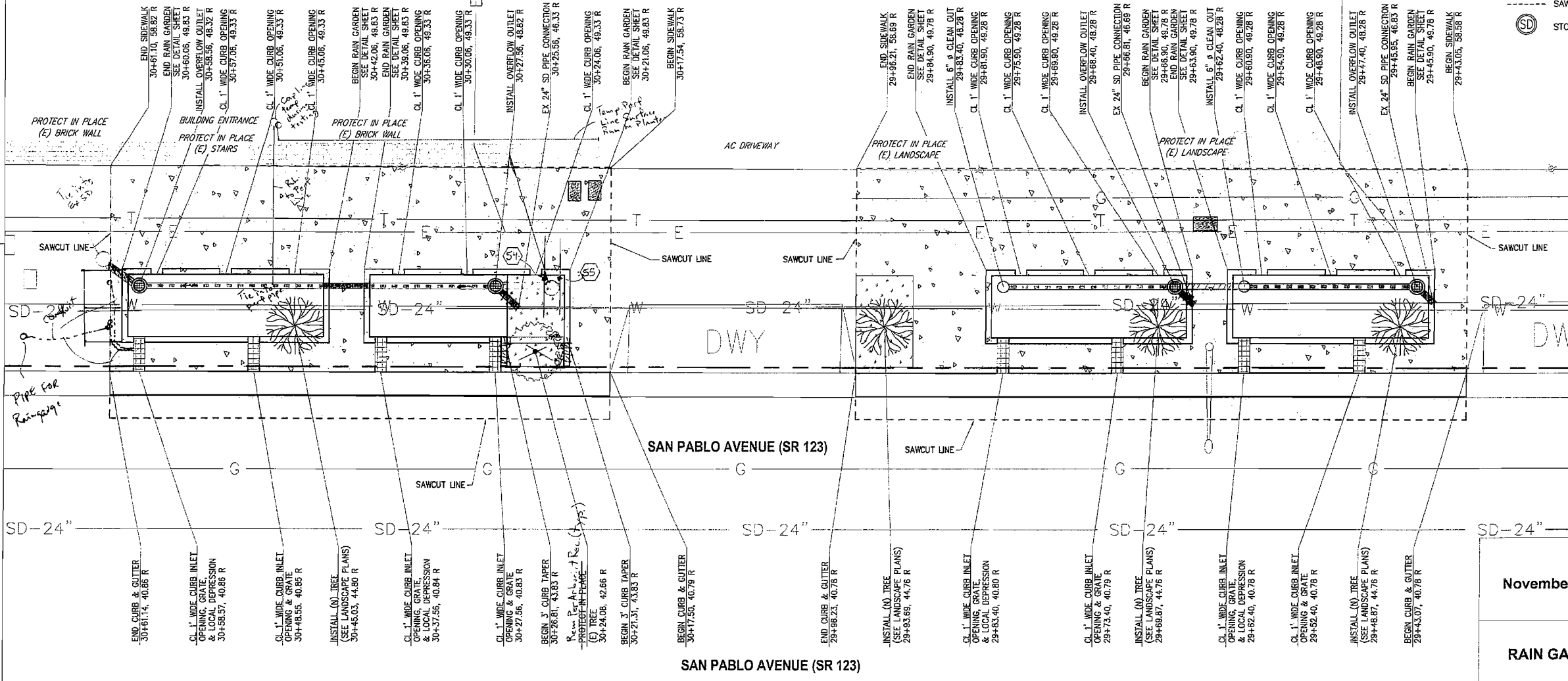
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 - CLEAN OUT (SEE CONSTRUCTION DETAIL SHT)
 - 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - SAWCUT LINE
 - STORM DRAIN MANHOLE



MATCH LINE SEE SHT L-3

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

SCALE: 1"=5'

BID SET

November 19, 2009

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

RAIN GARDEN (SITE 2) LAYOUT PLAN

SCALE: AS SHOWN L-2

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 50 100

CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga006.dgn

CU 04275 EA 4A5601

LAST REVISION
 00-00-00
 DATE PLOTTED
 TIME PLOTTED

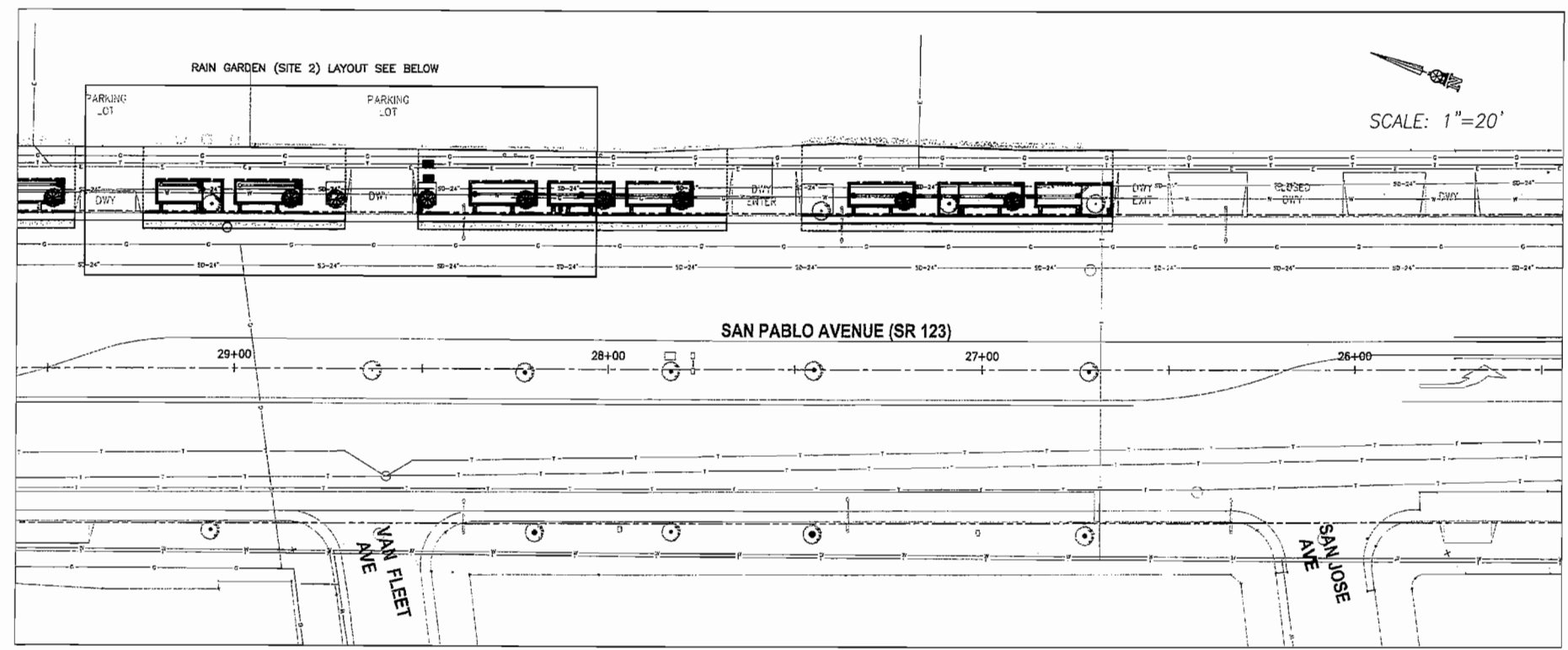
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 8 | 39 |

Robert E. Bruestle
 REGISTERED CIVIL ENGINEER 11-19-09 DATE
 No. 41528
 Exp. 3/31/10
 CIVIL
 STATE OF CALIFORNIA

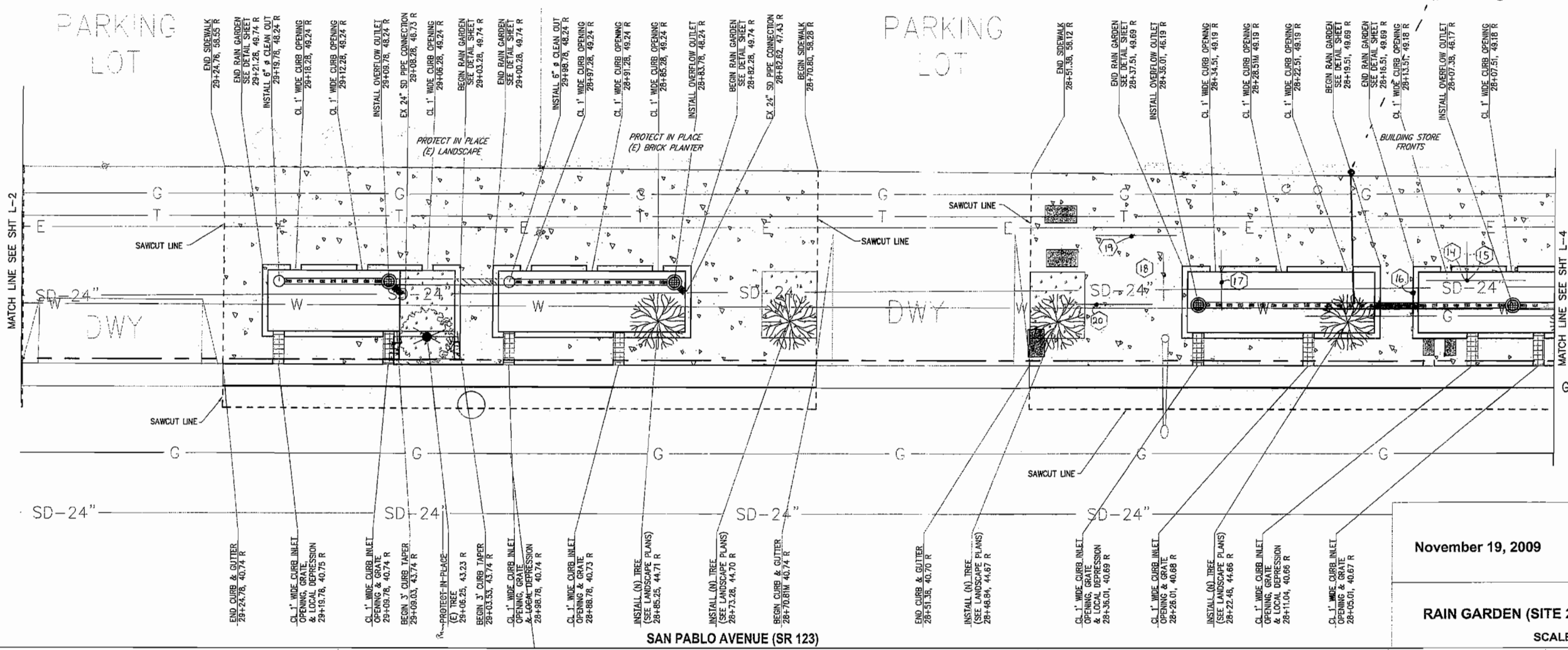
PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
 - 14" FDAC (SEE CONSTRUCTION DETAIL SHT)
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE CONSTRUCTION DETAIL SHT)
 - OVERFLOW OUTLET (SEE CONSTRUCTION DETAIL SHT)
 - CLEAN OUT (SEE CONSTRUCTION DETAIL SHT)
 - 8" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - SAWCUT LINE
 - SD STORM DRAIN MANHOLE



Roof leader @ 10242 SPA tied into drainline.
 SCALE: 1"=5'

GOLDEN BAY CONSTRUCTION INC
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

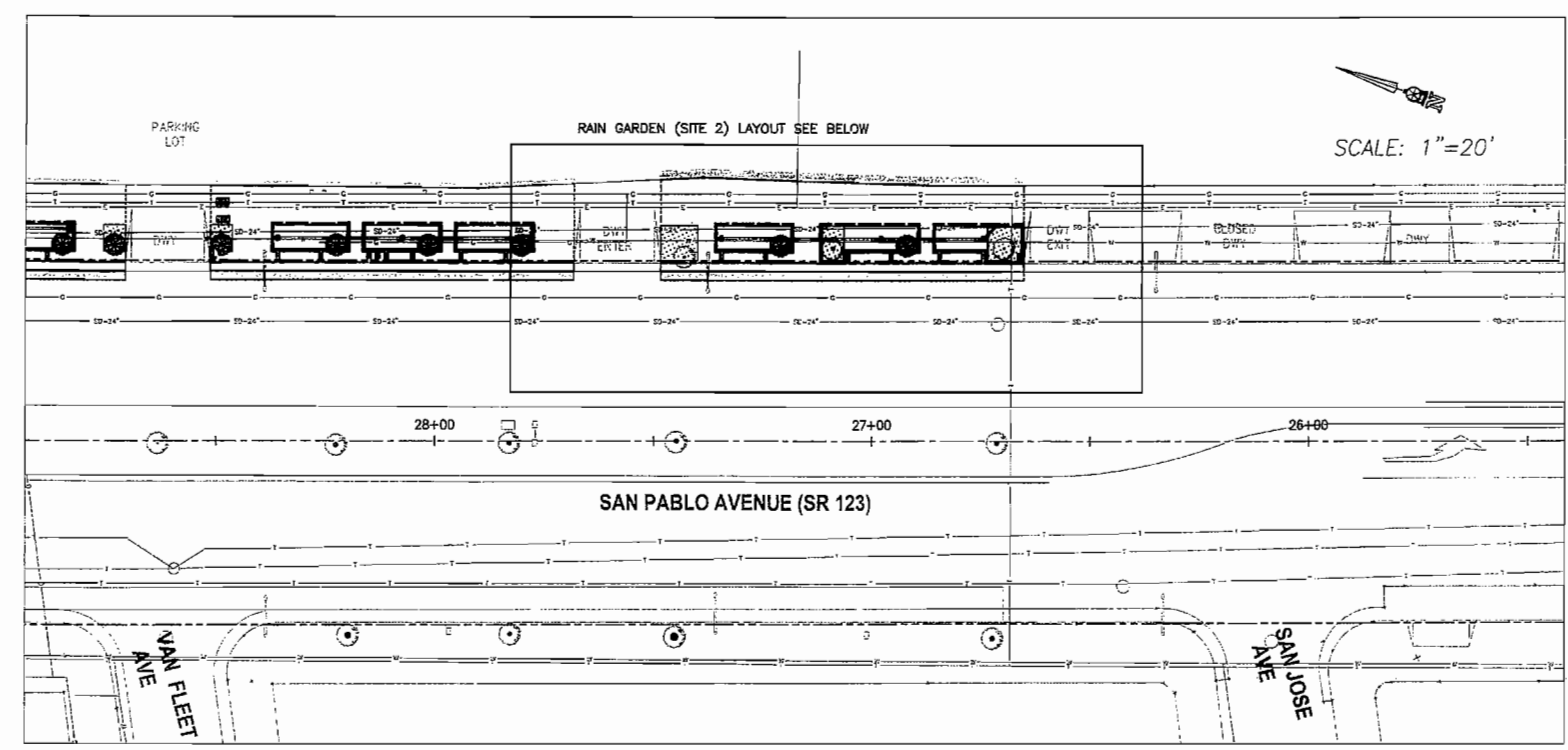
AS-BUILT

BID SET
 November 19, 2009

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN
RAIN GARDEN (SITE 2) LAYOUT PLAN
 SCALE: AS SHOWN L-3

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 DATE 04/09
 B.F. D.L.
 REVISIONS: B.F. DATE REVISIONS DATE REVISIONS
 CALCULATED/DESIGNED BY CHECKED BY
 B.F. -/-
 DATE 04/09
 DATE 04/09

| | | | |
|------------------------|------|---------------|-------|
| CALCULATED/DESIGNED BY | B.F. | DATE | 04/09 |
| CHECKED BY | D.L. | DATE REVISION | -/- |



- LEGEND:**
- EX CONCRETE
 - ▣ CONCRETE
 - ▨ RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
 - ▧ 14" FDAC (SEE CONSTRUCTION DETAIL SHT)
 - ☼ TREE (SEE LANDSCAPE PLANS)
 - ▩ GRATE (SEE CONSTRUCTION DETAIL SHT)
 - ⊙ OVERFLOW OUTLET (SEE CONSTRUCTION DETAIL SHT)
 - CLEAN OUT (SEE CONSTRUCTION DETAIL SHT)
 - 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - - - SAWCUT LINE
 - ⊙ SD STORM DRAIN MANHOLE

| | | | | | |
|------|--------|-------|--------------------------|----------|--------------|
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
| 04 | CC | 123 | 0.0/2.1 | 9 | 39 |

Robert E. Broedel 11-19-09
 REGISTERED CIVIL ENGINEER DATE

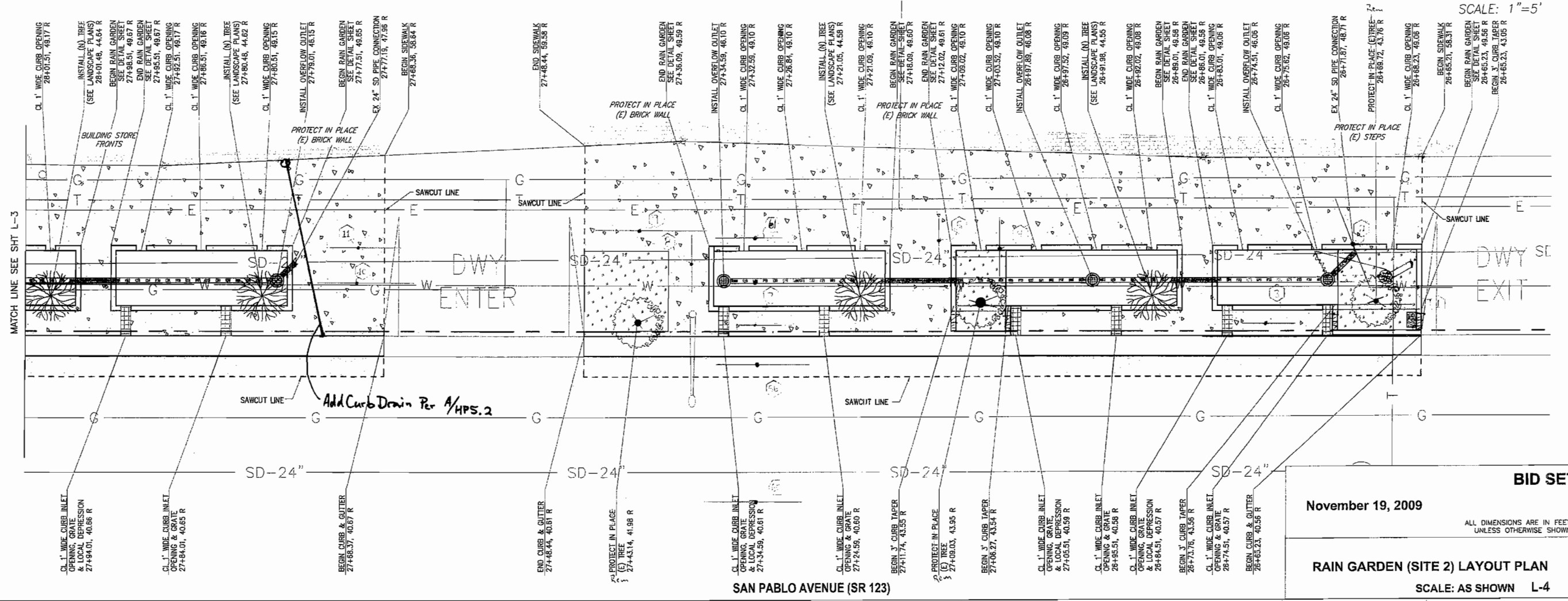
PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT



SCALE: 1"=5'

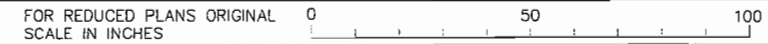
BID SET

November 19, 2009

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

RAIN GARDEN (SITE 2) LAYOUT PLAN

SCALE: AS SHOWN L-4

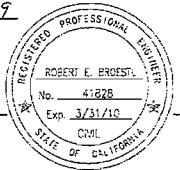


CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga008.dgn

CU 04275 EA 4A5601

DATE PLOTTED=>
 TIME PLOTTED=>
 LAST REVISION
 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 10 | 39 |














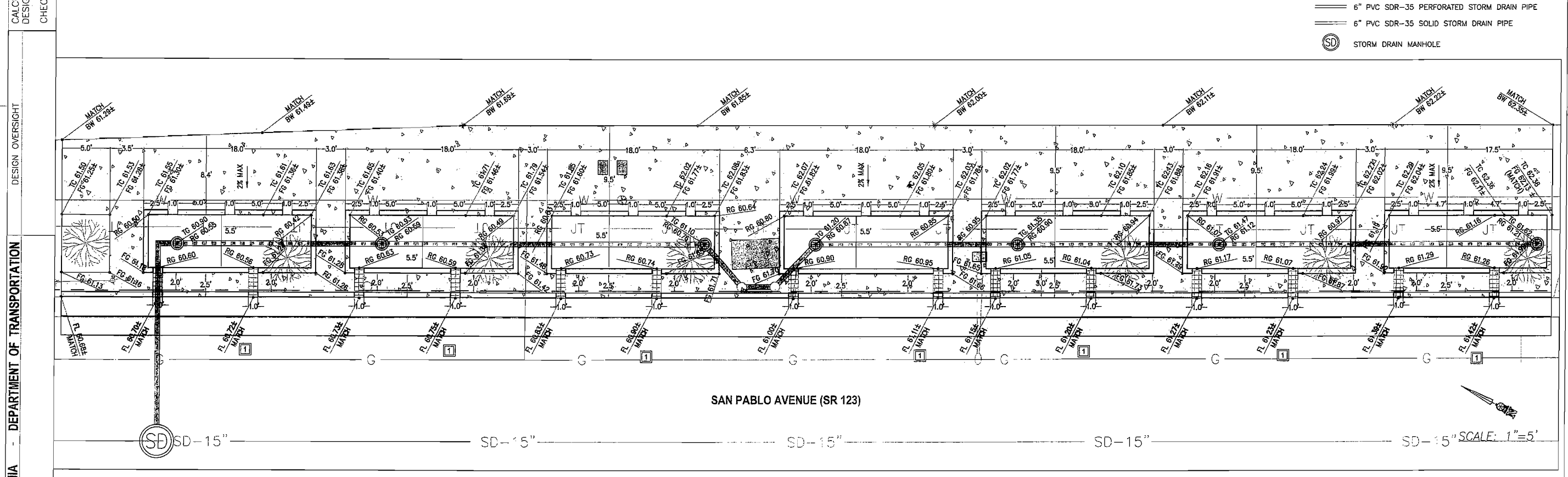
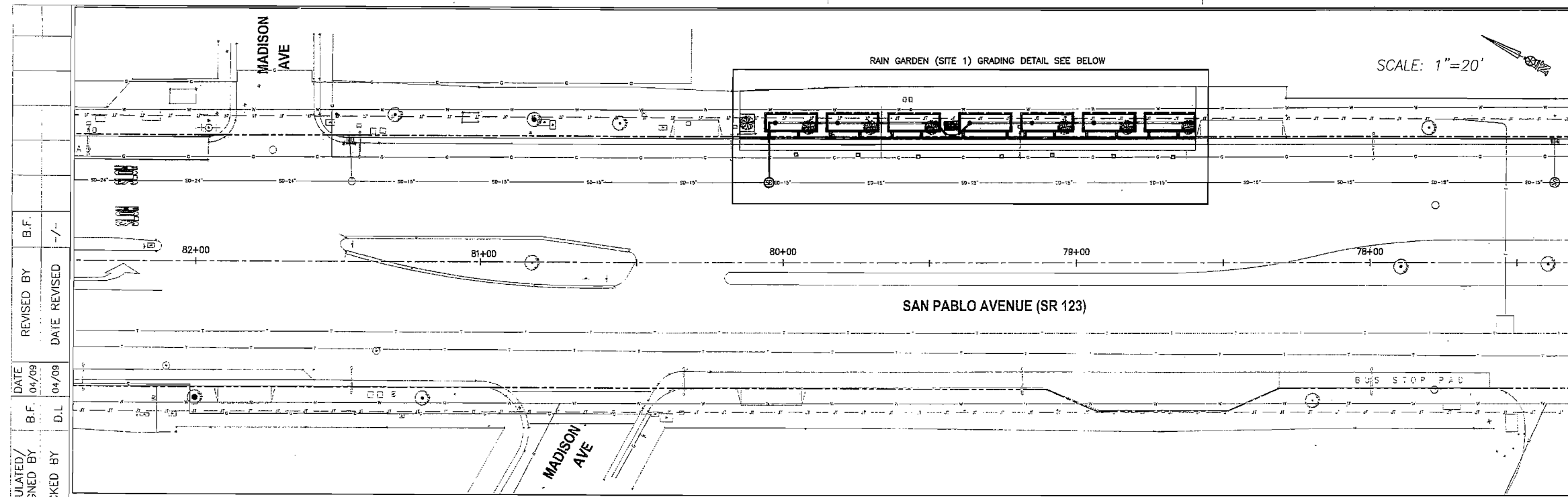
 REGISTERED CIVIL ENGINEER DATE 11-19-09

PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
-  EX CONCRETE
 -  CONCRETE
 -  RAIN GARDEN (SEE CONSTRUCTION DETAIL SHIT)
 -  ASPHALT CONCRETE
 -  TREE (SEE LANDSCAPE PLANS)
 -  GRATE (SEE LANDSCAPE PLANS)
 -  OVERFLOW OUTLET
 -  CLEAN OUT
 -  6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 -  6" PVC SDR-35 SOLID STORM DRAIN PIPE
 -  STORM DRAIN MANHOLE



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 CALTRANS

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

GRADING NOTE:
 [1] FLOW LINE ELEVATION DOES NOT INCLUDE THE LOCAL DEPRESSION
 Install @ all inlets (typ)

ABBREVIATIONS:
 BW BACK OF WALK ELEVATION
 FG FINISH GRADE ELEVATION
 FL FLOW LINE ELEVATION
 RG RAIN GARDEN ELEVATION
 TC TOP OF CURB ELEVATION
 TG TOP OF GRATE ELEVATION

BID SET
 November 20, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

RAIN GARDEN (SITE 1) GRADING PLAN
 SCALE: AS SHOWN GR-1

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 50 100

CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga005.dgn

CU 04275

EA 4A5601

* See L sheets for layout revisions (put drain / Tree Rem. Made) typ

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 11 | 39 |

REGISTERED CIVIL ENGINEER
 DATE 11-19-09
 ROBERT E. BROESTL

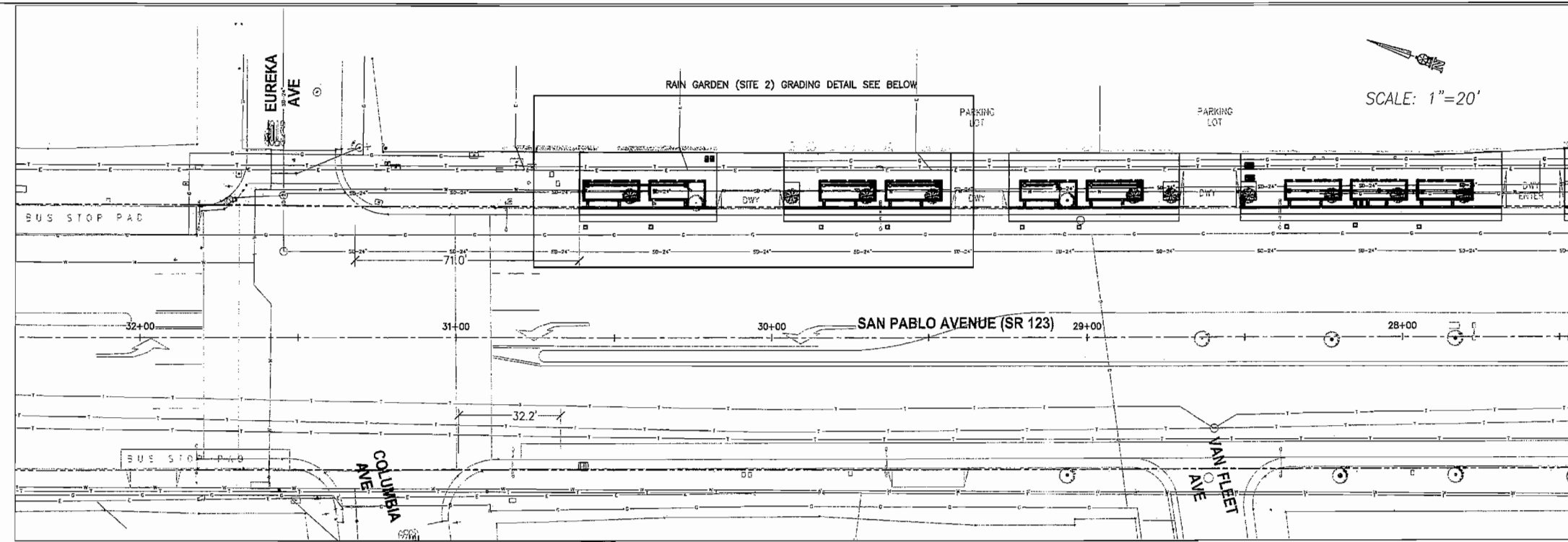


PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

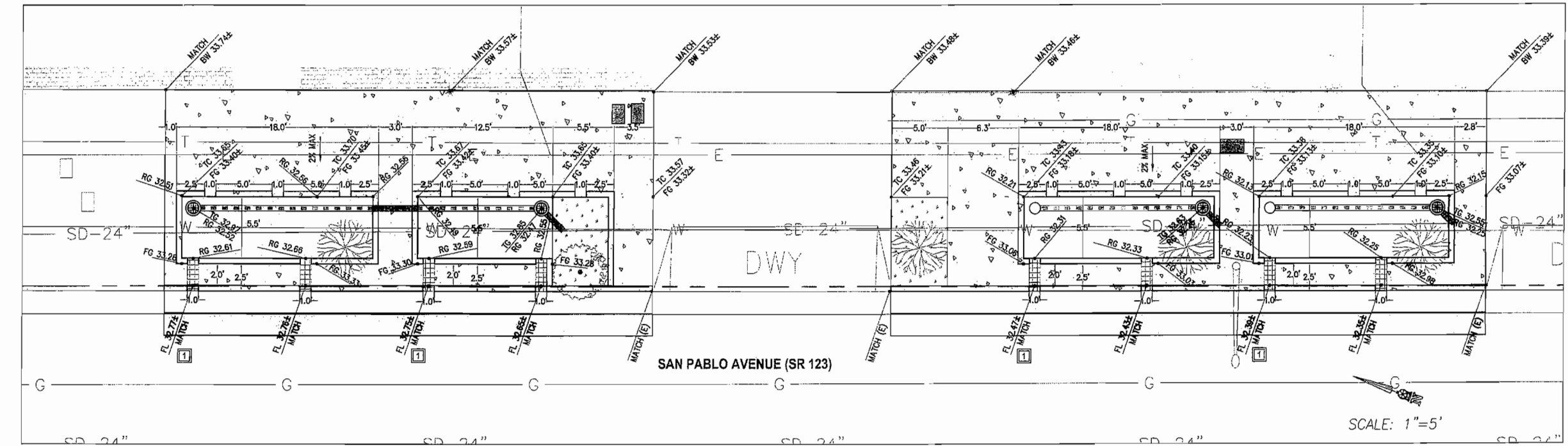
BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
 - ASPHALT CONCRETE
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE LANDSCAPE PLANS)
 - OVERFLOW OUTLET
 - CLEAN OUT
 - 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - STORM DRAIN MANHOLE



SCALE: 1"=20'



SCALE: 1"=5'

- GRADING NOTE:**
- FLOW LINE ELEVATION DOES NOT INCLUDE THE LOCAL DEPRESSION. Install @ all inlets (typ)
- ABBREVIATIONS:**
- BW BACK OF WALK ELEVATION
 - FG FINISH GRADE ELEVATION
 - FL FLOW LINE ELEVATION
 - RG RAIN GARDEN ELEVATION
 - TC TOP OF CURB ELEVATION
 - TG TOP OF GRATE ELEVATION

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

BID SET
November 19, 2009

RAIN GARDEN (SITE 2) GRADING PLAN
 SCALE: AS SHOWN GR-2



CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga006.dgn

CU 04275

EA 4A5601

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE 04/08
 B.F. D.L.
 REVISIONS
 B.F. DATE
 REVISED BY DATE
 DATE REVISION



DATE PLOTTED
 TIME PLOTTED
 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 12 | 39 |

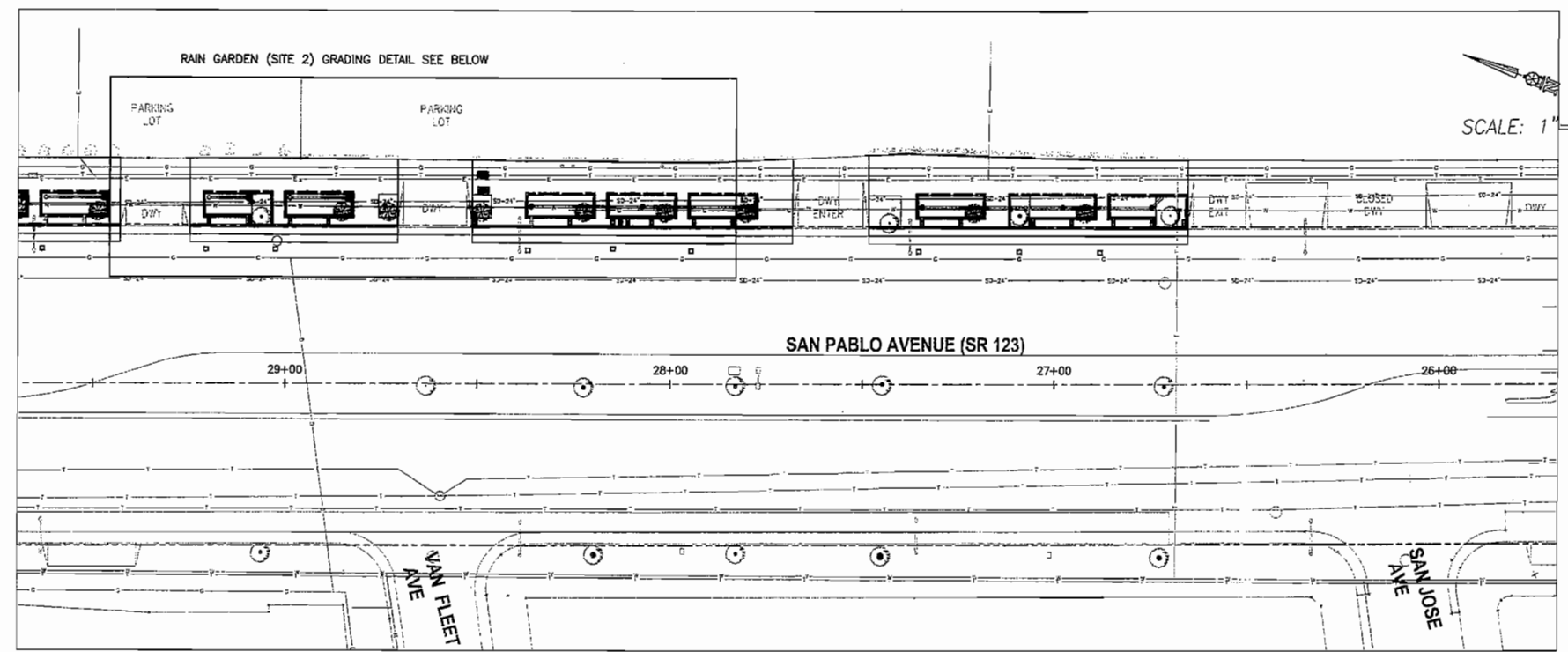
REGISTERED CIVIL ENGINEER *Rita E. Bussell* 11-19-09 DATE



PLANS APPROVAL DATE
CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
2290 DIAMOND BLVD, SUITE # 100
CONCORD, CA 94520

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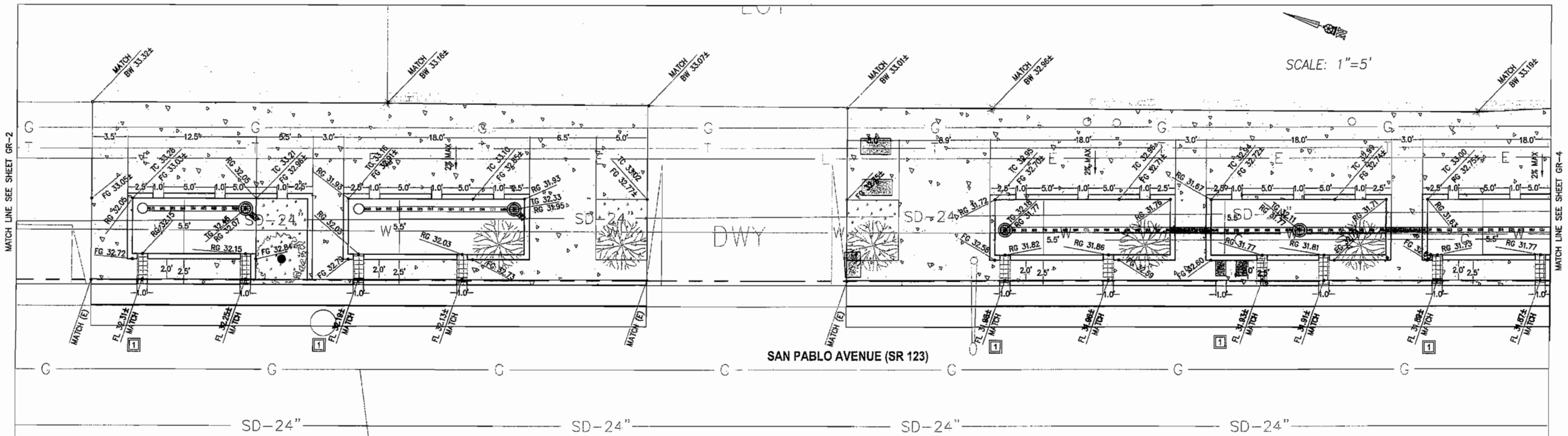
- EX CONCRETE
- CONCRETE
- RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
- ASPHALT CONCRETE
- TREE (SEE LANDSCAPE PLANS)
- GRATE (SEE LANDSCAPE PLANS)
- OVERFLOW OUTLET
- CLEAN OUT
- 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
- 6" PVC SDR-35 SOLID STORM DRAIN PIPE
- STORM DRAIN MANHOLE

ABBREVIATIONS:

- BW BACK OF WALK ELEVATION
- FG FINISH GRADE ELEVATION
- FL FLOW LINE ELEVATION
- RG RAIN GARDEN ELEVATION
- TC TOP OF CURB ELEVATION
- TG TOP OF GRATE ELEVATION

GRADING NOTE:

- 1** FLOW LINE ELEVATION DOES NOT INCLUDE THE LOCAL DEPRESSION
Install @ all inlets (1/2")



STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 DATE 04/09
 B.F. 04/09
 CHECKED BY D.L.
 REVISIONS: B.F. -/- DATE REVISED 04/09

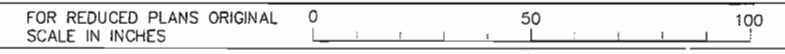


GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94546
(510) 783-2960

AS-BUILT

BID SET
November 19, 2009
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

RAIN GARDEN (SITE 2) GRADING PLAN
SCALE: AS SHOWN GR-3



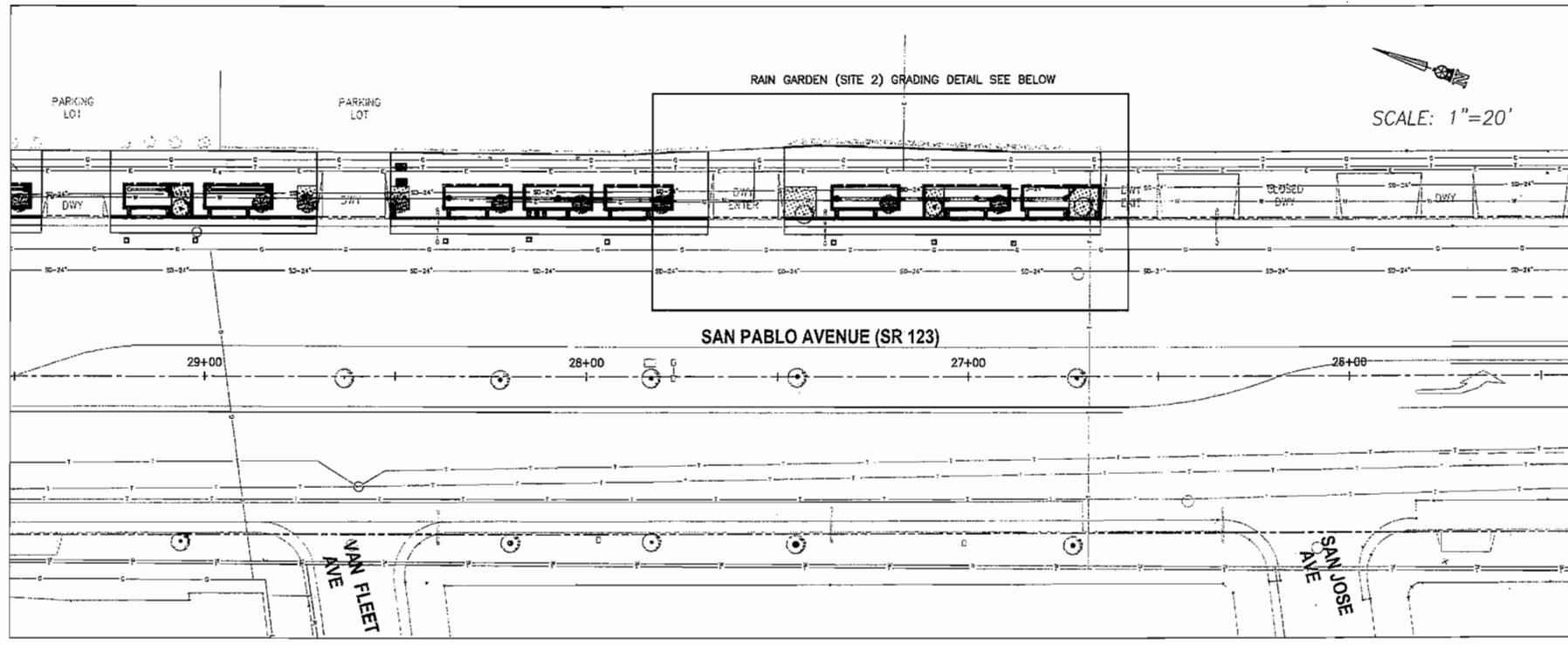
CITY CONTRACT NO.: C4016
DGN FILE=> 44a560ga007.dgn

CU 04275

EA 4A5601

DATE PLOTTED: 00-00-00
 TIME PLOTTED: 00-00-00
 LAST REVISION: 00-00-00

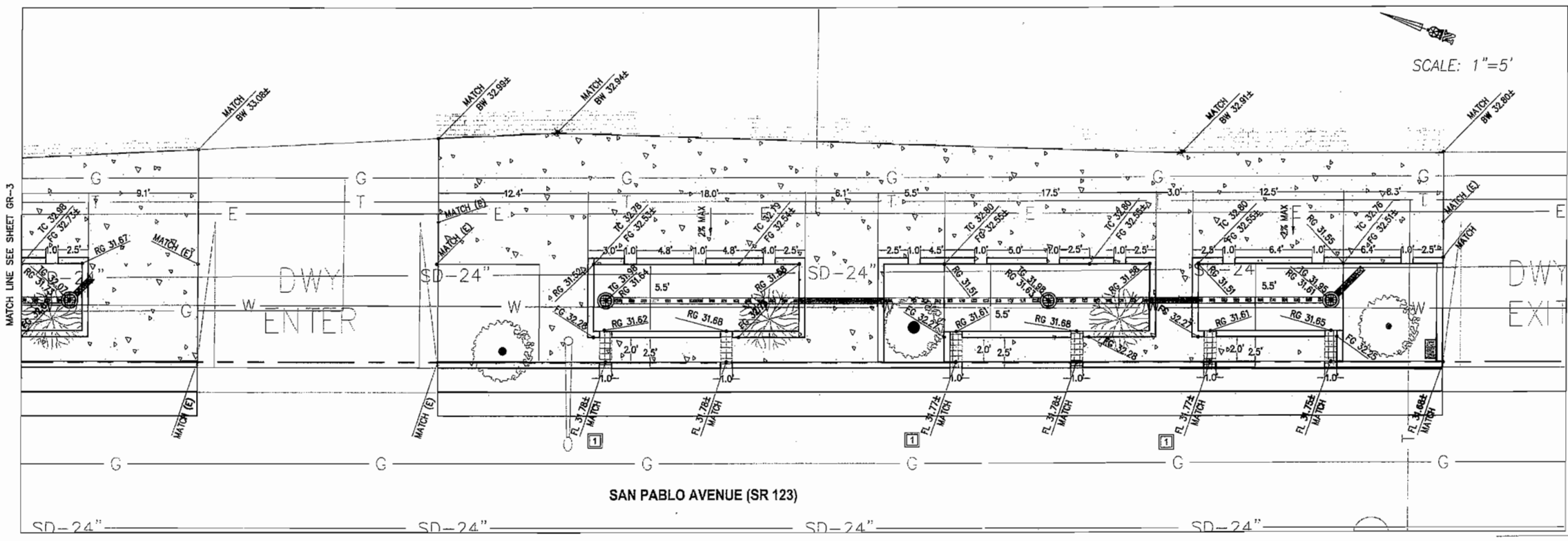
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN OVERSIGHT
 CALCULATED/DESIGNED BY: B.F. DATE: 04/09
 CHECKED BY: D.L.
 REVISIONS:
 B.F. DATE: 04/09
 DATE REVISION: -/-



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 13 | 39 |

REGISTERED CIVIL ENGINEER: *Robert E. Brusil* 11-19-09
 DATE: 11-19-09
 PLANS APPROVAL DATE: _____
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530
 BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CONSTRUCTION DETAIL SHT)
 - ASPHALT CONCRETE
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE LANDSCAPE PLANS)
 - OVERFLOW OUTLET
 - CLEAN OUT
 - 6" PVC SDR-35 PERFORATED STORM DRAIN PIPE
 - 6" PVC SDR-35 SOLID STORM DRAIN PIPE
 - STORM DRAIN MANHOLE



- ABBREVIATIONS:**
- BW BACK OF WALK ELEVATION
 - FG FINISH GRADE ELEVATION
 - FL FLOW LINE ELEVATION
 - RG RAIN GARDEN ELEVATION
 - TC TOP OF CURB ELEVATION
 - TG TOP OF GRATE ELEVATION
- GRADING NOTE:**
- 1 FLOW LINE ELEVATION DOES NOT INCLUDE THE LOCAL DEPRESSION 1/2" @ ALL JUNCTIONS (4/9)

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

BID SET
 November 19, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

RAIN GARDEN (SITE 2) GRADING PLAN
 SCALE: AS SHOWN GR-4

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES

CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga008.dgn

CU 04275 EA 4A5601

DATE PLOTTED: 00-00-00
 TIME PLOTTED: 00-00-00
 LAST REVISION: 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 14 | 39 |

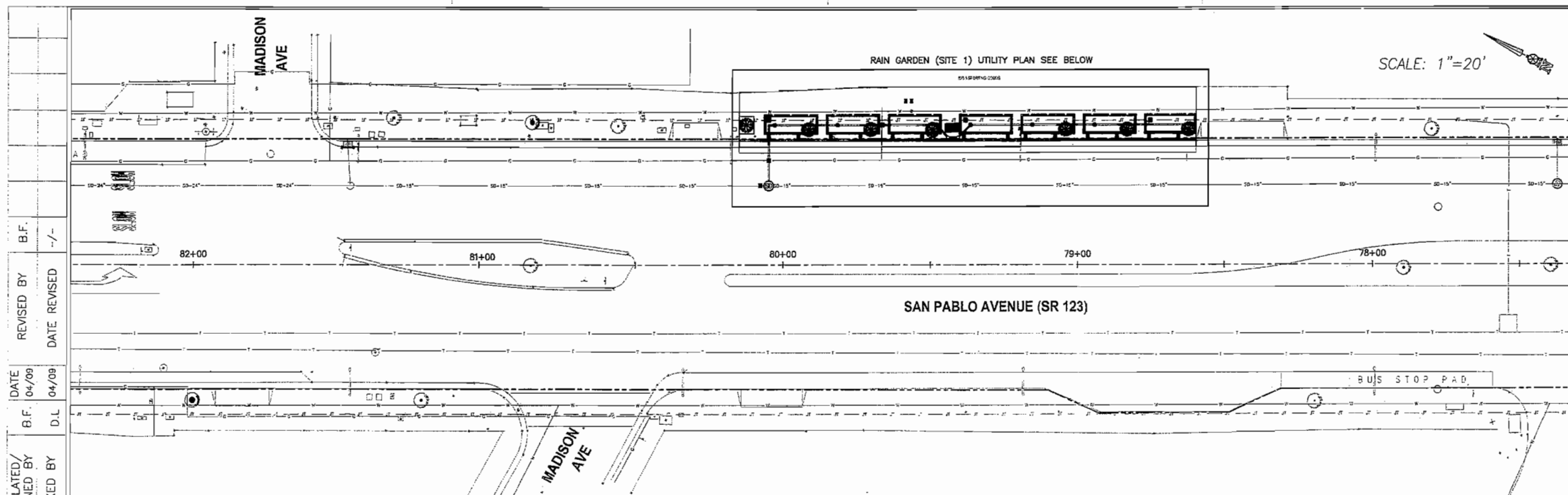
Robert E. Broese 11-19-09
 REGISTERED CIVIL ENGINEER DATE
 PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530



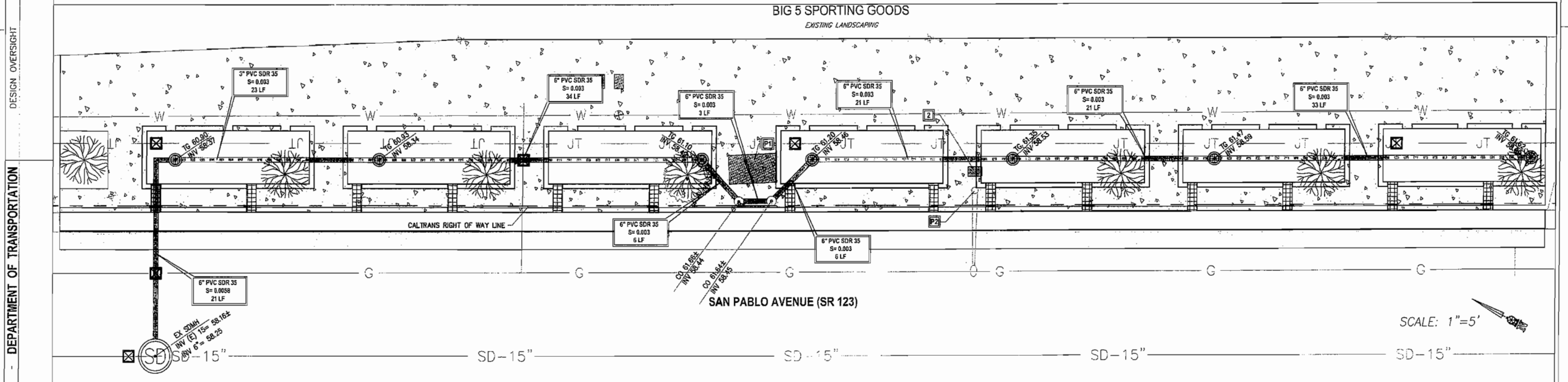
BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CIVIL DETAIL SHEET)
 - ASPHALT CONCRETE
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE LANDSCAPE PLANS)
 - OVERFLOW OUTLET
 - CLEAN OUT
 - 6" PVC PERFORATED STORM DRAIN PIPE
 - 6" PVC SOLID STORM DRAIN PIPE
 - STORM DRAIN MANHOLE
 - POTHOLE EXISTING UTILITY



B.F. - / -
 REVISED BY - / -
 DATE REVISED - / -
 DATE 04/09
 B.F. D.L.
 CALCULATED/DESIGNED BY
 CHECKED BY



DESIGN OVERSIGHT
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Caltrans

ALL EXISTING UTILITIES NOT SHOWN ON PLANS SHALL BE PROTECTED IN PLACE AND BROUGHT TO THE ENGINEER'S ATTENTION.

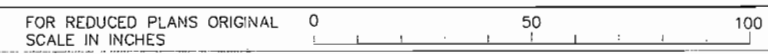
- NOTES:**
- PROTECT IN PLACE:**
- (E) PG&E BOX
 - (E) STREET LIGHT
- UTILITY NOTES:**
- ADJUST TO GRADE AS NECESSARY
 - (E) STREET LIGHT BOX

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

BID SET
 November 19, 2009

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN
 *see L-sheets for RAIN GARDEN (SITE 1) Drain Line UTILITY AND STORM DRAIN PLAN Rev. (typ)
 SCALE: AS SHOWN U-1



CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560g3005.dgn

CU 04275 EA 4A5601

DATE PLOTTED: 00-00-00
 FILE PLOTTED: 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 16 | 39 |

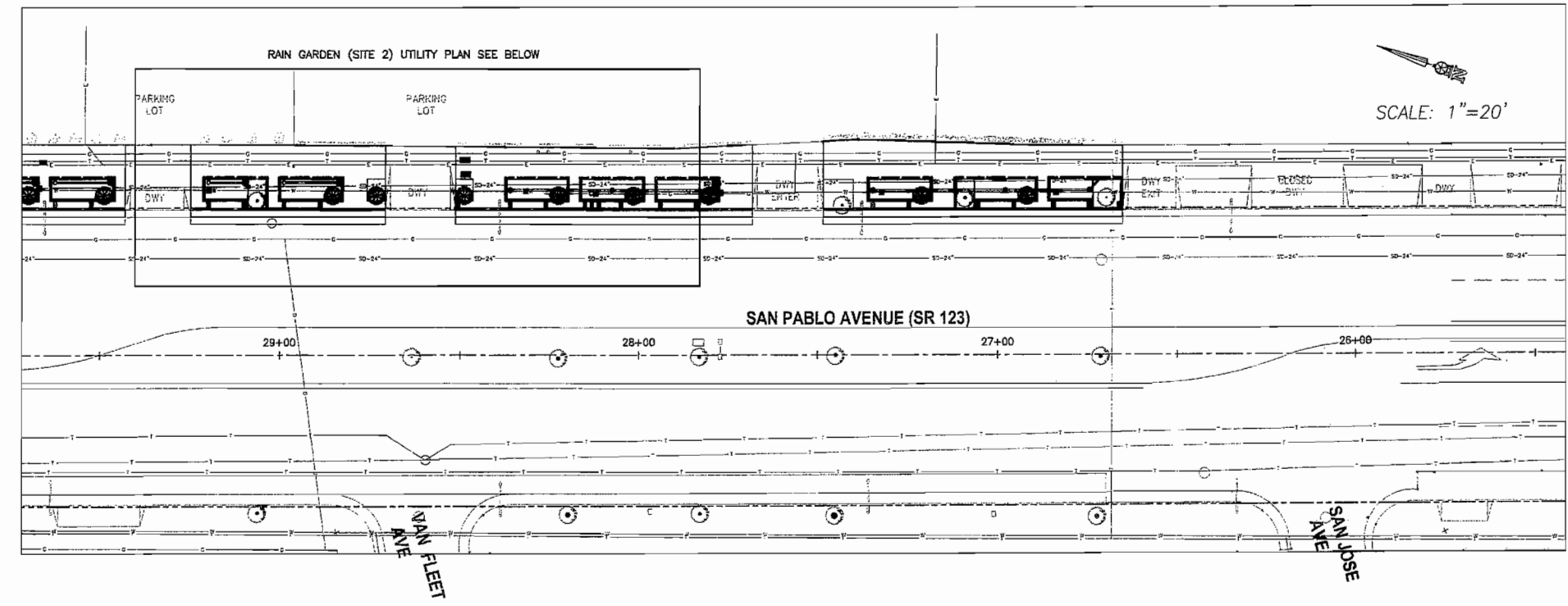
REGISTERED CIVIL ENGINEER
 DATE 11-19-09



PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

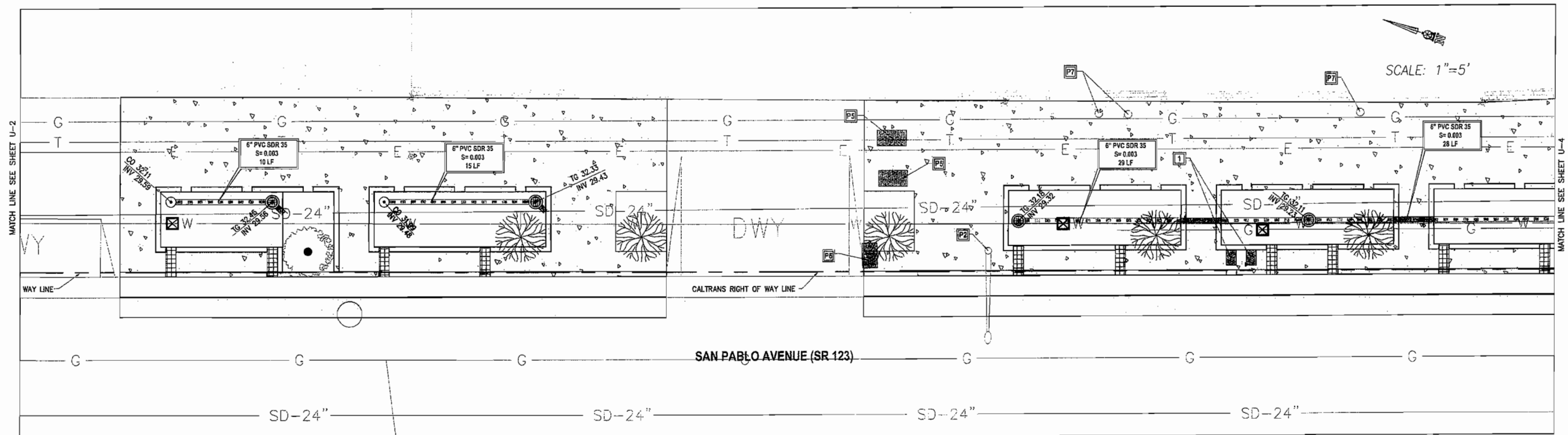
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SCALE: 1"=20'

LEGEND:

- EX CONCRETE
- CONCRETE
- RAIN GARDEN (SEE CIVIL DETAIL SHEET)
- ASPHALT CONCRETE
- TREE (SEE LANDSCAPE PLANS)
- GRATE (SEE LANDSCAPE PLANS)
- OVERFLOW OUTLET
- CLEAN OUT
- 6" PVC PERFORATED STORM DRAIN PIPE
- 6" PVC SOLID STORM DRAIN PIPE
- STORM DRAIN MANHOLE
- POT HOLE EXISTING UTILITY



SCALE: 1"=5'

MATCH LINE SEE SHEET U-2

MATCH LINE SEE SHEET U-4

| | | | |
|---------|---------|------|---------------|
| REVISOR | DATE | BY | REASON |
| B.F. | 10/4/09 | D.L. | DATE REVISION |

DESIGN OVERSIGHT

DEPARTMENT OF TRANSPORTATION

STATE OF CALIFORNIA

ALL EXISTING UTILITIES NOT SHOWN ON PLANS SHALL BE PROTECTED IN PLACE AND BROUGHT TO THE ENGINEER'S ATTENTION.

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

NOTES:

PROTECT IN PLACE:

- (E) STREET LIGHT
- (E) EBMUD WATER METER
- (E) UTILITY BOX
- (E) 10" CLEAN OUT

UTILITY NOTES:

- ADJUST TO GRADE AS NECESSARY
- (E) EBMUD WATER METER

BID SET

November 19, 2009

**RAIN GARDEN (SITE 2)
 UTILITY AND STORM DRAIN PLAN**

SCALE: AS SHOWN U-3

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 50 100

CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga007.dgn

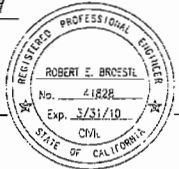
CU 04275

EA 4A5601

DATE PLOTTED: 00-00-00
 TIME PLOTTED: 00-00-00

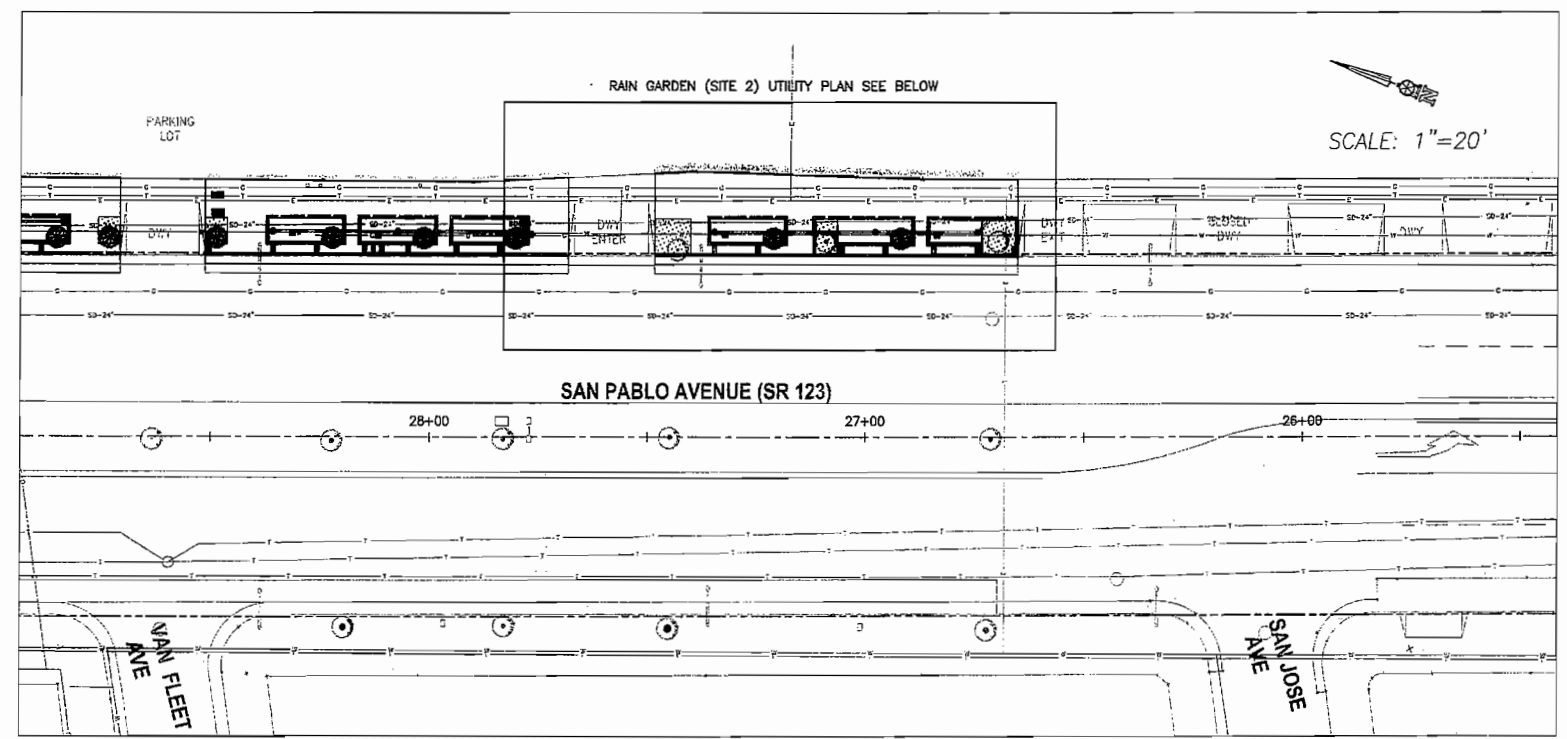
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 17 | 39 |

REGISTERED CIVIL ENGINEER
 DATE 11-19-09
 PLANS APPROVAL DATE
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

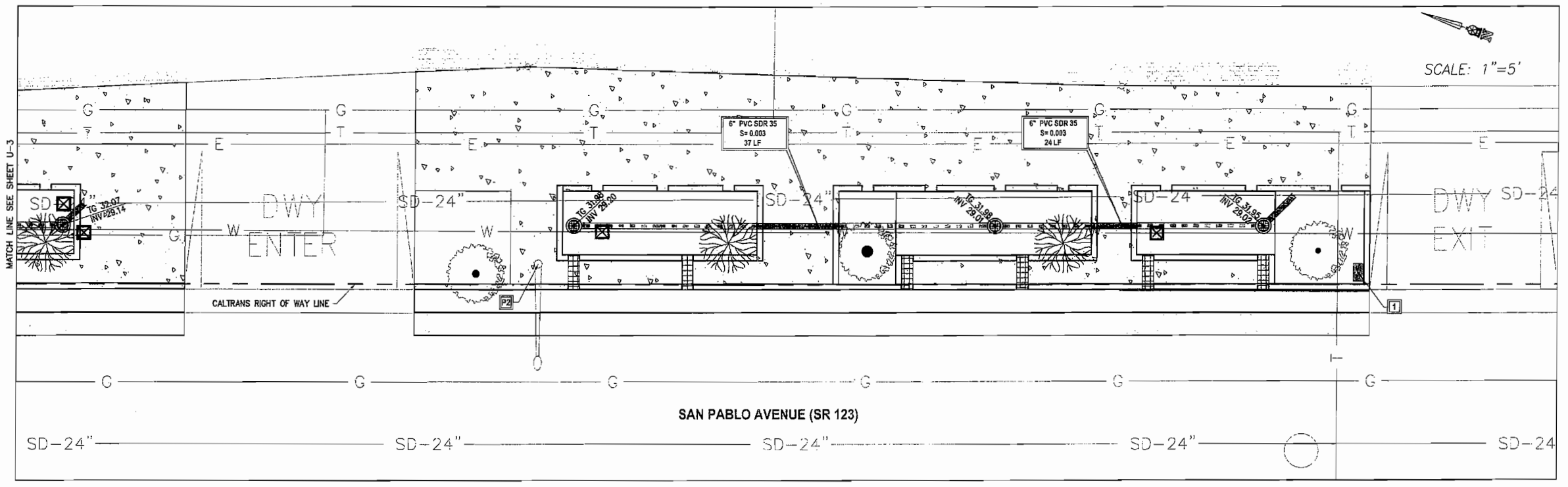


BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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- LEGEND:**
- EX CONCRETE
 - CONCRETE
 - RAIN GARDEN (SEE CIVIL DETAIL SHEET)
 - ASPHALT CONCRETE
 - TREE (SEE LANDSCAPE PLANS)
 - GRATE (SEE LANDSCAPE PLANS)
 - OVERFLOW OUTLET
 - CLEAN OUT
 - 6" PVC PERFORATED STORM DRAIN PIPE
 - 6" PVC SOLID STORM DRAIN PIPE
 - SD STORM DRAIN MANHOLE
 - P POTHOLE EXISTING UTILITY



GOLDEN BAY CONSTRUCTION INC.
 3926 DEPO ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

| DATE | REVISION BY | B.F. |
|-------|-------------|------|
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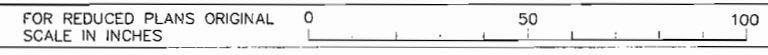
| DATE | DESIGNED BY | B.F. |
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| 04/09 | | |

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

ALL EXISTING UTILITIES NOT SHOWN ON PLANS SHALL BE PROTECTED IN PLACE AND BROUGHT TO THE ENGINEER'S ATTENTION.

- NOTES:**
- PROTECT IN PLACE:**
P2 (E) STREET LIGHT
- UTILITY NOTE:**
T ADJUST TO GRADE AS NECESSARY (E) EBMUD WATER METERS

BID SET
 November 19, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN
**RAIN GARDEN (SITE 2)
 UTILITY AND STORM DRAIN PLAN**
 SCALE: AS SHOWN U-4



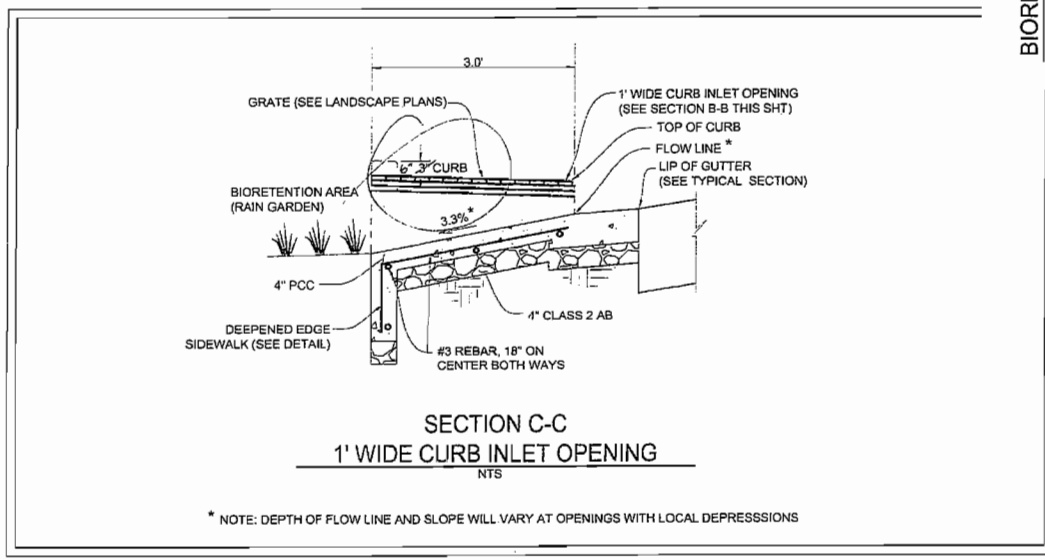
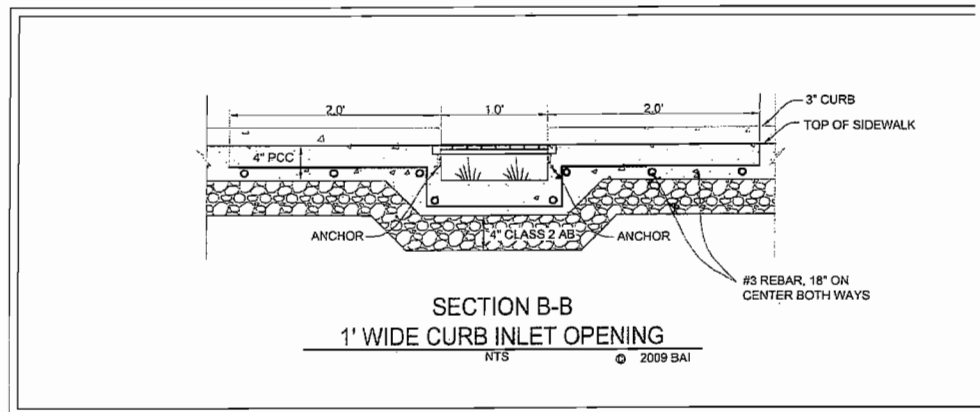
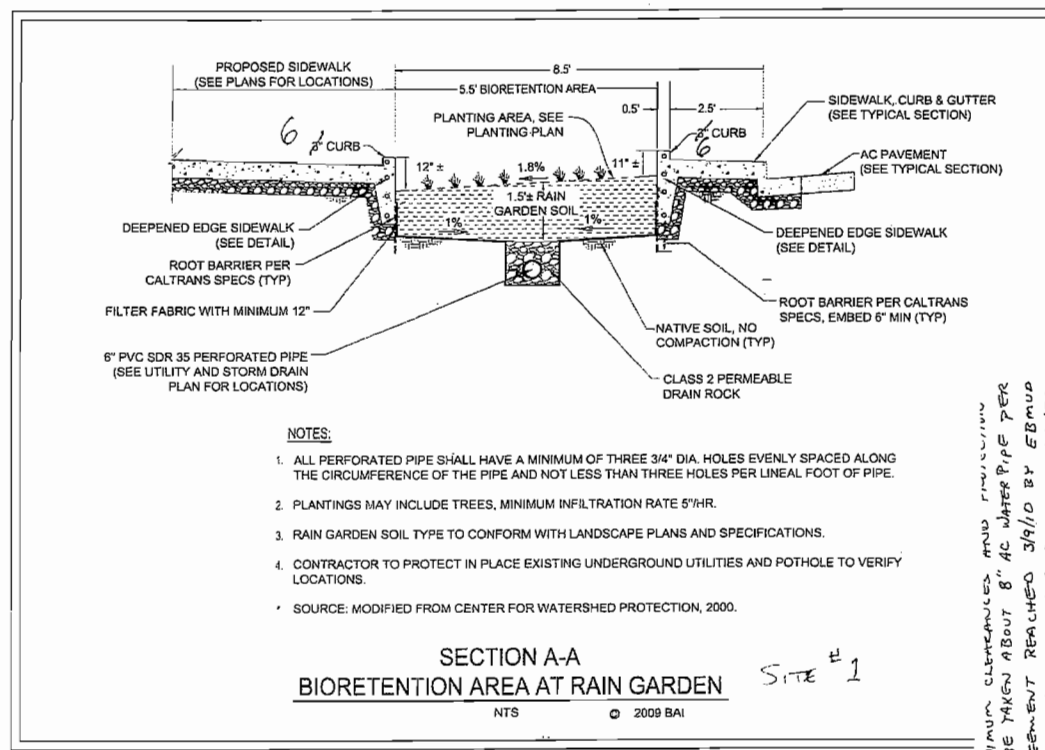
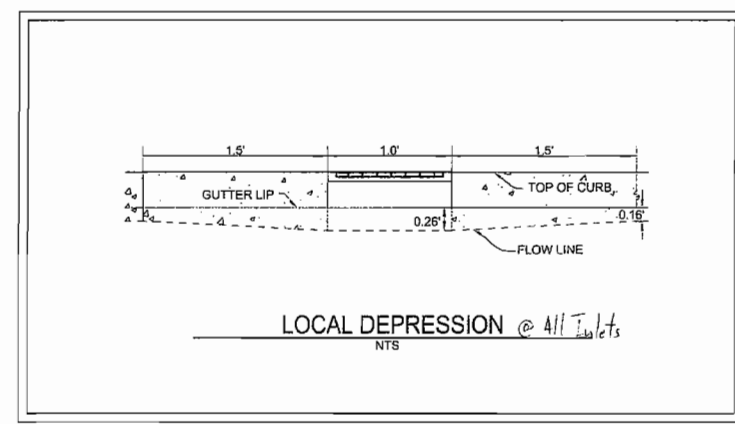
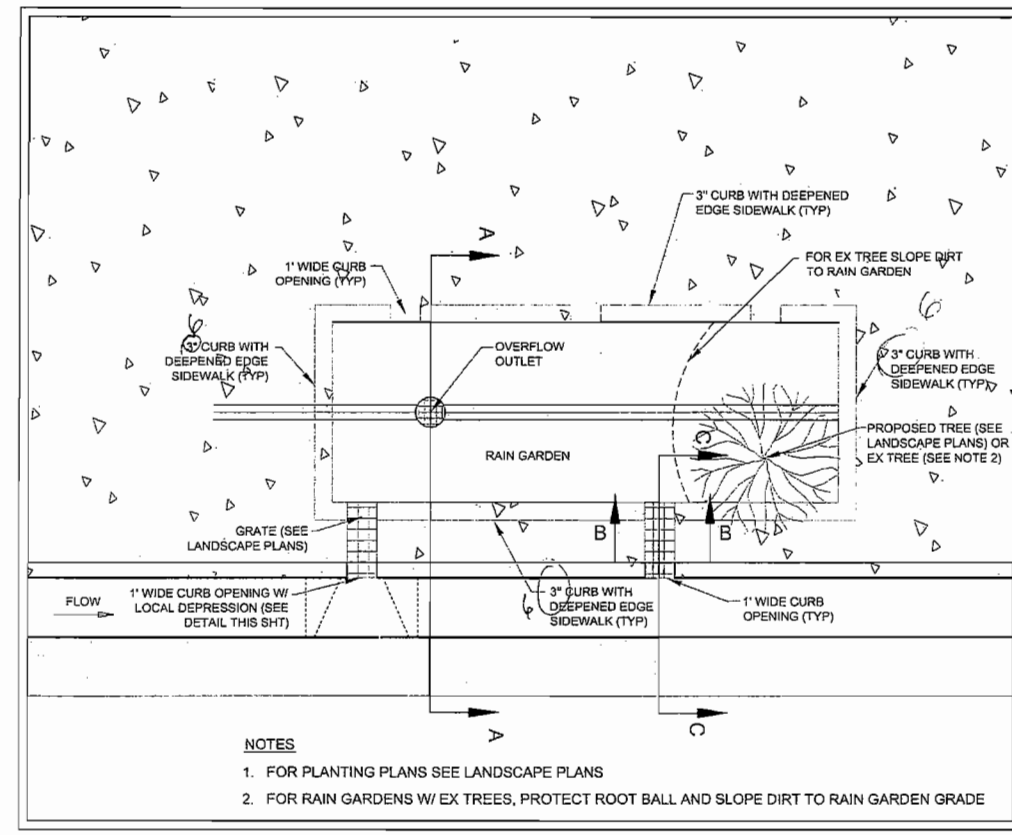
CITY CONTRACT NO.: C4016
 DGN FILE=> 44a560ga008.dgn

CU 04275

EA 4A5601

LAST REVISION: 00-00-00
 DATE PLOTTED: 11-19-09
 TIME PLOTTED: 10:00

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No | TOTAL SHEETS |
|------|--------|-------|--------------------------|----------|--------------|
| 04 | CC | 123 | 0.0/2.1 | 18 | 39 |

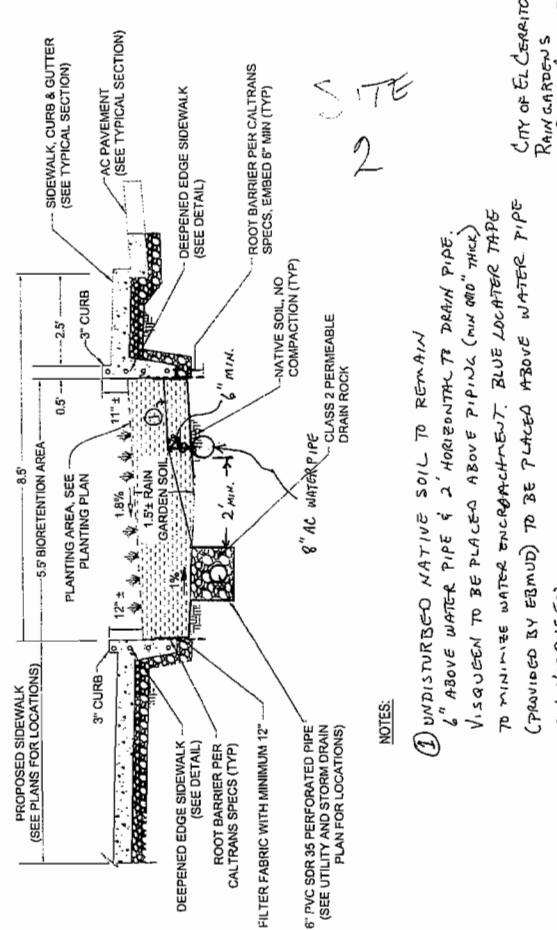
REGISTERED CIVIL ENGINEER
 11-19-09
 DATE

PLANS APPROVAL DATE

CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530

BELLECCI & ASSOCIATES, INC.
 2290 DIAMOND BLVD, SUITE # 100
 CONCORD, CA 94520

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 3826 DEFOI ROAD
 HAYWARD, CA 94545
 (510) 783-2960

BID SET

November 19, 2009

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CONSTRUCTION DETAILS

NO SCALE

C-1

DATE PLOTTED=>
 TIME PLOTTED=>

LAST REVISION
 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 4 | CC | 123 | 0.0/2.1 | 21 | 39 |



REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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PLANTING NOTES

- ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH PLANTING WORK AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN.
- PLANT COUNT IS FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE PLAN SHALL GOVERN.
- ALL TREES WITHIN 5' OF PAVING AREAS SHALL HAVE DEEP ROOT BARRIERS INSTALLED. SEE ROOT BARRIER DETAIL. DEEP ROOT BARRIER MODEL NO. US24.2 (415) 344-1464. OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- ALL PLANTING AREAS SHALL BE TOP-DRESSED WITH A 3" LAYER OF RECYCLED MULCH EXCEPT WHERE NOTED ELSEWHERE. ALL NEW TREES NORTH OF STOCKTON AVENUE TO BE PLANTED IN DG PAVING, SEE DETAIL AND SPEC FOR MORE INFORMATION. SUBMIT SAMPLE OF RECYCLED MULCH TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO ORDERING.
- PROVIDE 4" BERM AROUND TREE FOR WATER BASIN. SEE TREE STAKING DETAIL. BERM TO BE REMOVED IN LAWN AREA AFTER INITIAL WATERING. MULCH TREEWELL WITH 2" LAYER OF SHREDDED REDWOOD BARK EXCEPT NORTH OF STOCKTON AVENUE - SEE SPECIFICATIONS. KEEP MULCH AWAY FROM TREE TRUNK.
- IF DISCREPANCIES OR CONFLICTS ARE NOTICED IN FIELD BETWEEN THESE PLANS AND EXISTING CONDITIONS THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE PRIOR TO CONTINUING WORK.
- EACH PLANT SHALL RECEIVE AGRIFORM SLOW RELEASE PLANT TABLETS: 20-10-5 COMPOSITION. APPLY PER MANUFACTURER'S SPECIFICATIONS. PLACE NEAR ROOTBALL.
 - 6 FOR 24" BOX TREES - 2 BELOW AND 4 ON SIDES OF ROOTBALL.
 - 5 FOR 15 GALLON CAN TREES - 1 BELOW AND 4 ON SIDES OF ROOTBALL.
 - 4 FOR 5 GALLON CAN TREES - 1 BELOW AND 3 ON SIDES OF ROOTBALL.
- TREES MUST HAVE AN UNCUIT LEADER THAT HAS A UNIFORM TAPER FROM BASE TO TIP. TREES MUST MEET AT LEAST NORMAL CALIFER AND HEIGHT FOR CONTAINER SIZE. OVERGROWN OR ROOT BOUND TREES ARE NOT ACCEPTABLE.
- GROUND COVER SHALL BE PLANTED AS SHOWN ON THE PLAN, INCLUDING UNDER SHRUBS AND IN TREE WATERING BASINS.
- HOLD SOIL 3" BELOW TOP OF CURB TO ACCOMMODATE PLACEMENT OF MULCH.
- KEEP ALL SHRUB PLANTINGS A MINIMUM OF 2' AWAY IN ALL DIRECTIONS FROM EXISTING OR PROPOSED TREE TRUNKS.
- ALL SIGNAGE AND UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED AS "TO BE REMOVED" ON THESE AND CIVIL ENGINEERS PLANS.
- ANY EXISTING UTILITIES, TREES, OR HARDSCAPE TO REMAIN THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND BY THE CONTRACTOR PER CITY APPROVAL.
- FOR TREE PROTECTION MEASURES, SEE SPECIFICATIONS.

PLANT LIST

TREES

| Symbol | Botanical Name | Common Name | Size |
|--------|-----------------------------|-------------|---------|
| BE | Acer Rubrum 'October Glory' | Red Maple | 24" BOX |

SHRUBS

| Symbol | Botanical Name | Common Name | Size | Spacing |
|--------|------------------------------------|---------------------------|-------|------------|
| AC | Achillea 'Island Pink' | Little Pink Yarrow | 1 GAL | 2'-0" o.c. |
| CT | Chondropetalum lectorum | Dwarf Cape Rush | 5 GAL | 3'-6" o.c. |
| FE | Festuca californica | California Fescue | 1 GAL | 2'-0" o.c. |
| ID | Iris douglasiana | Douglas Iris | 5 GAL | 3'-0" o.c. |
| JP | Juncus patens | California Gray Rush | 1 GAL | 2'-0" o.c. |
| LC | Leymus condensatus 'Canyon Prince' | Canyon Prince Wild Rye | 5 GAL | 3'-0" o.c. |
| MA | Mimulus aurantiacus | Sticky Monkey Flower | 5 GAL | 4'-6" o.c. |
| SL | Salvia leucantha | Mexican Bush Sage | 5 GAL | 4'-0" o.c. |
| VL | Verbena lilacina 'De la Mina' | De la Mina Lilac Verbena | 5 GAL | 3'-0" o.c. |
| ZC | Zauschneria californica 'Bowman' | Bowman California Fuchsia | 1 GAL | 2'-6" o.c. |

PLANTING LEGEND

CS *Cornus stolonifera* ~~Oster Dogwood~~ 5gal 5' o.c.
 RC *Rosa californica* ~~Native California Rose~~ 5gal 4' o.c.
 RS *Ribes speciosum* ~~Fuchsia Flowering Currant~~ 5gal 5' o.c.

(E) TREE

PROPOSED TREE

TREE NAME QUANTITY SEE PLANT LIST FOR ADDTL. INFO.

SHRUB NAME QUANTITY SEE PLANT LIST FOR ADDTL. INFO.

GROUND COVER QUANTITY SEE PLANT LIST FOR ADDTL. INFO.

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 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE
 REVISIONS
 BY
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GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT

BID SET

November 19, 2009
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PLANTING NOTES AND LEGEND HP1.2

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TIME PLOTTED=>

DATE REVISION
00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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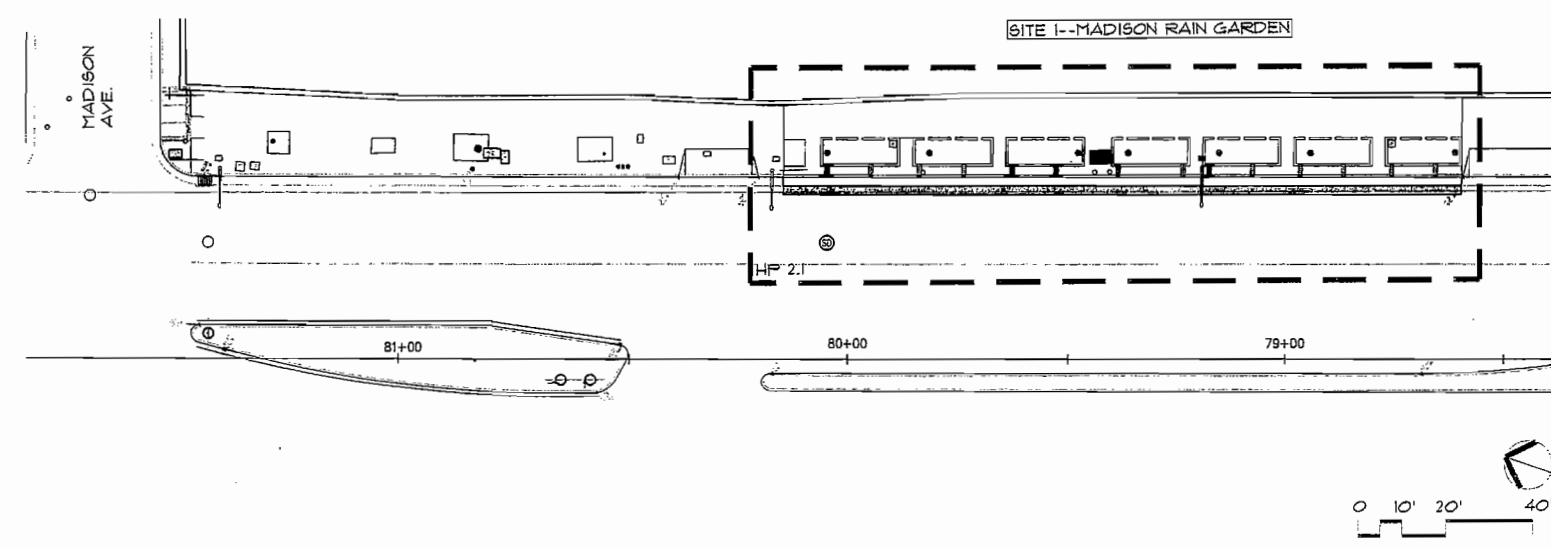
REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

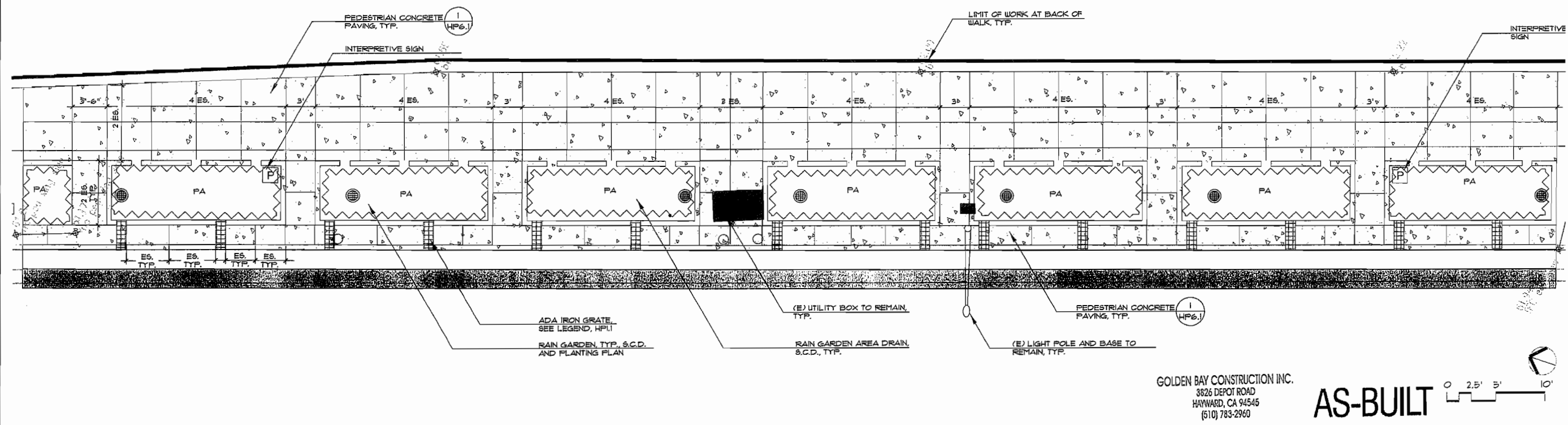
GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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- NOTES:**
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 - EXPANSION JOINTS SHALL BE PLACED 20' O.C. MAX, EQUALLY SPACED AND TO BE ALIGNED WITH EXISTING WHERE POSSIBLE. LOCATE ALSO AT ALL JOINTS BETWEEN PAVING AND WALLS AND AT ALL CHANGES IN PAVING MATERIAL.



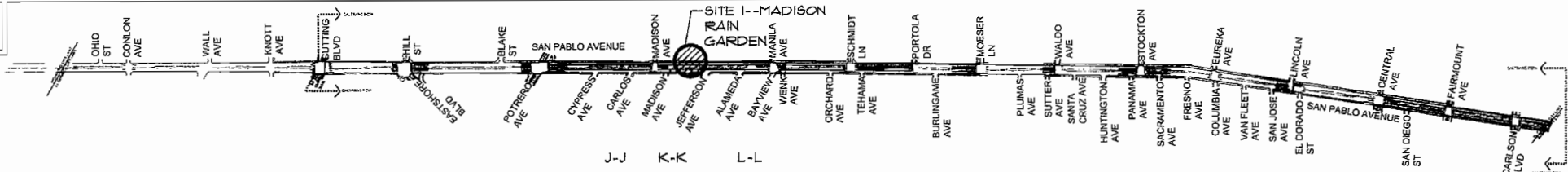
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GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT

KEY MAP



BID SET

November 19, 2009
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LAYOUT PLAN

HP2.1

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE=> D0-L-EC-GPA-PHASE3.DWG

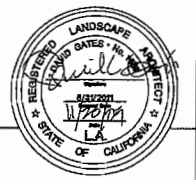
CU 04275

EA 4A5601

DATE PLOTTED=>
TIME PLOTTED=>
LAST REVISION
00-00-00



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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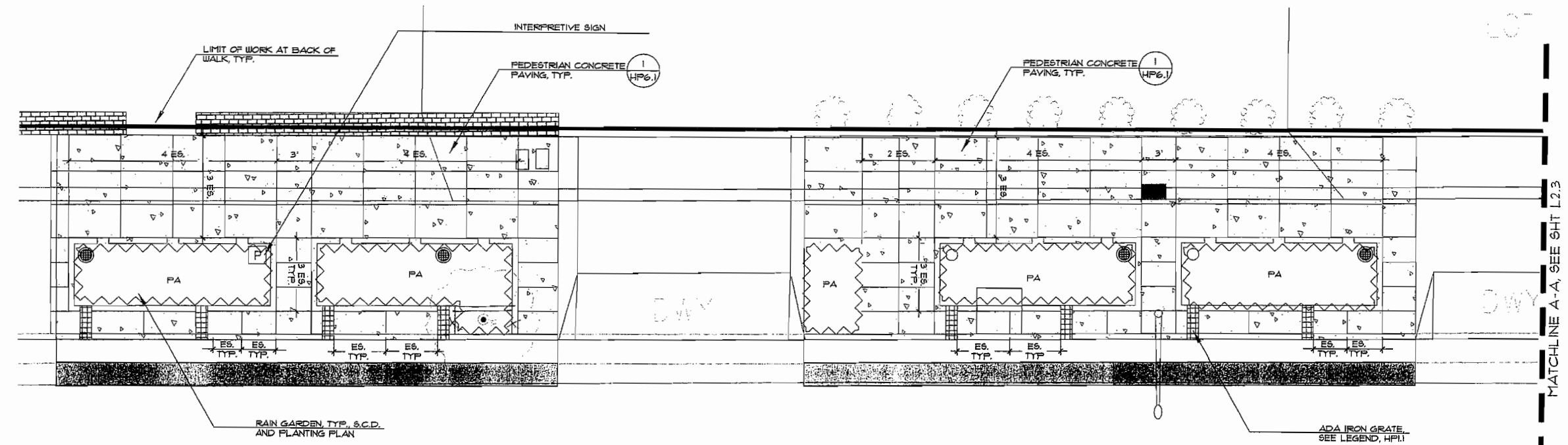
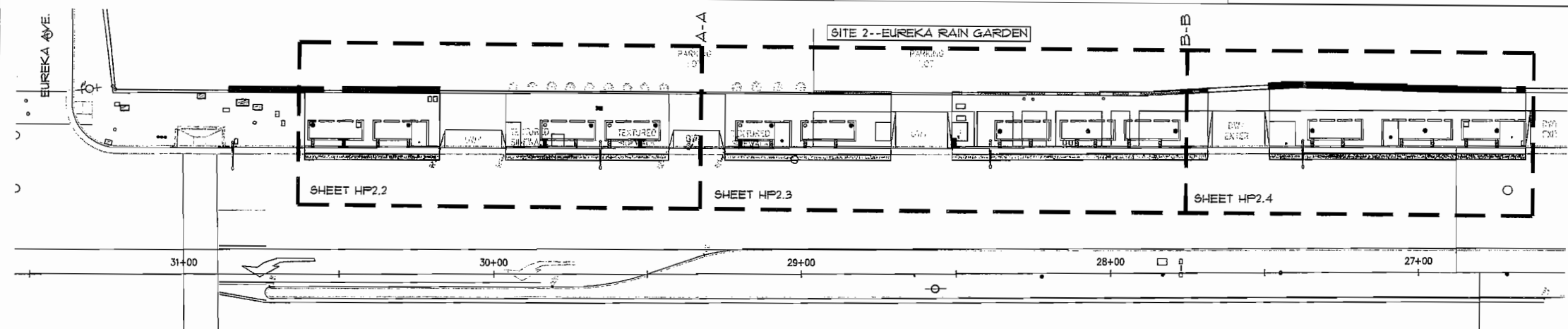
REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

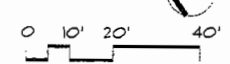
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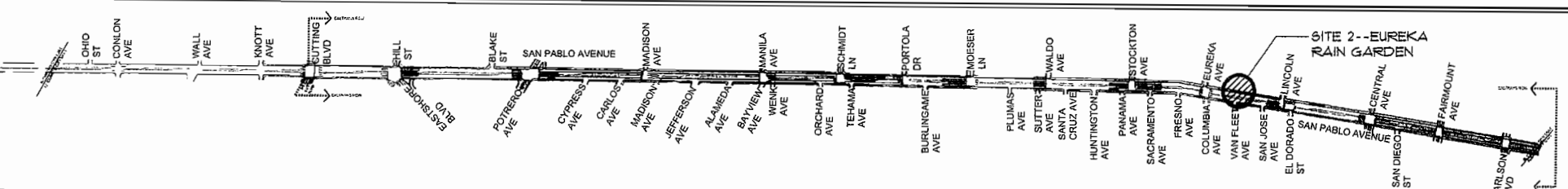


GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT



KEY MAP



FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE=> DG L-EG 9PA PHASE2.DWG

BID SET

November 19, 2009
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LAYOUT PLAN

HP2.2

DATE PLOTTED=>
TIME PLOTTED=>
LAST REVISION
00-00-00

CU 04275 EA 4A5601

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

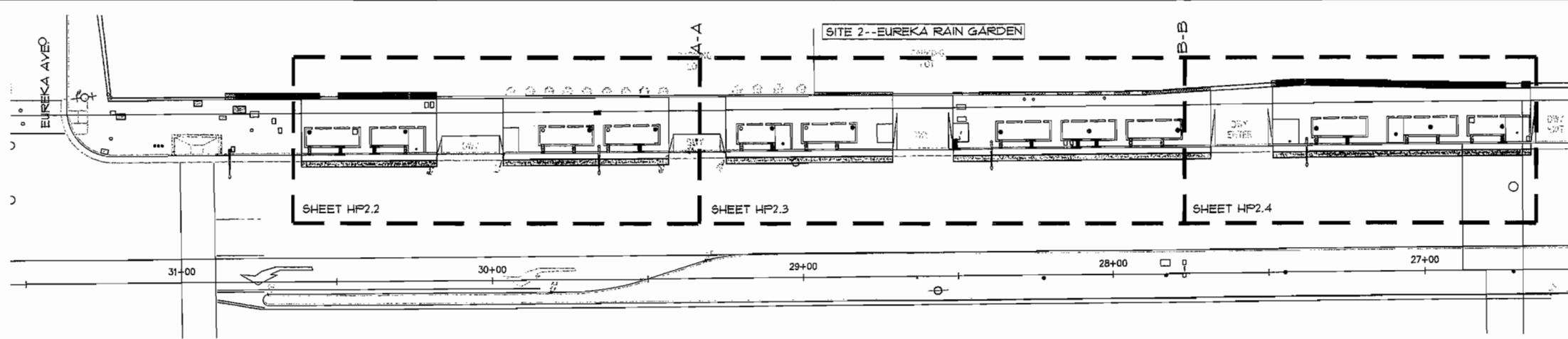
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REVISIONS:

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| | | CHECKED BY | | DATE | REVISOR |
| | | JS | | | |
| | | GP/CG | | | |



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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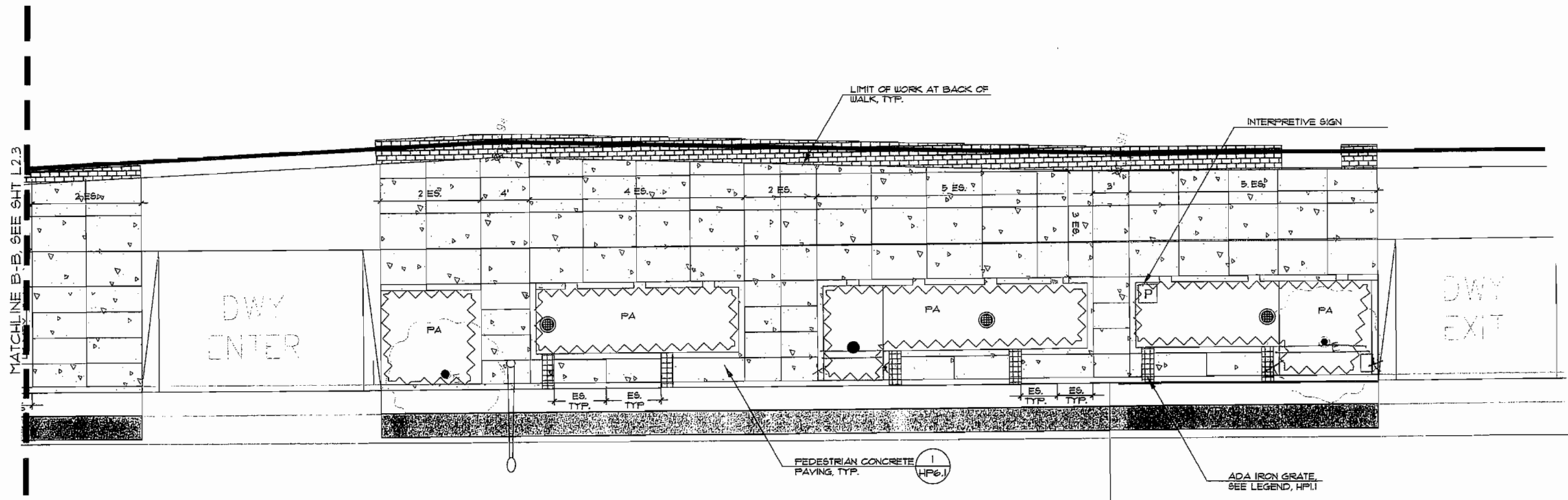


REGISTERED LANDSCAPE ARCHITECT
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
 2671 CROW CANYON ROAD
 SAN RAMON, CA 94583

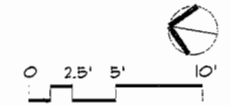
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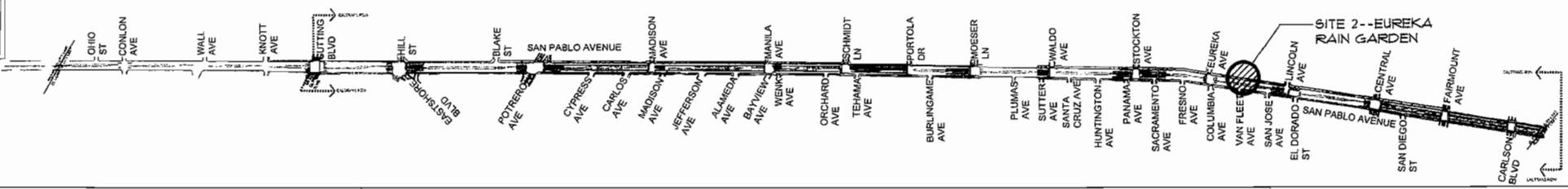


GOLDEN BAY CONSTRUCTION INC.
 3826 DEFOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT



KEY MAP



BID SET

November 19, 2009
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LAYOUT PLAN
 HP2.4

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
 DWG FILE=>

CU 04275

EA 4A5601

DATE PLOTTED=>
 TIME PLOTTED=>
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| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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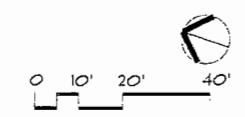
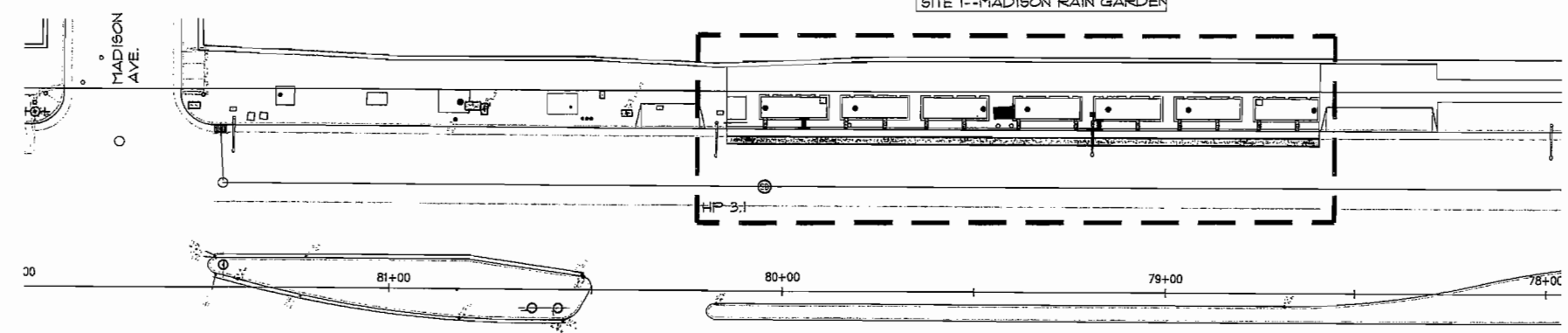
REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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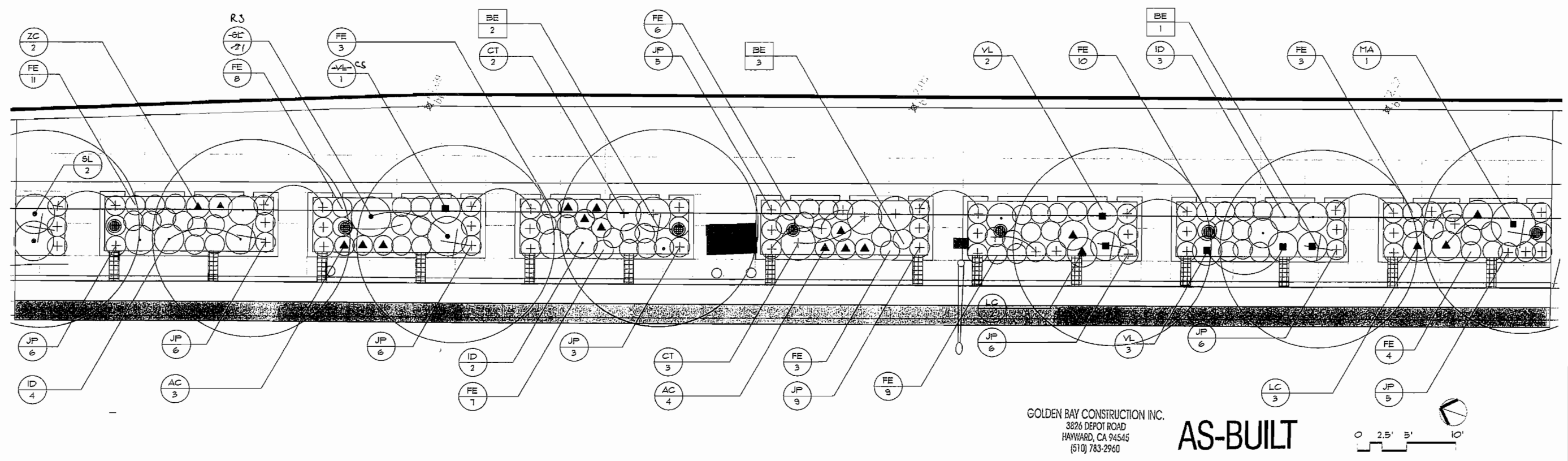
SITE 1--MADISON RAIN GARDEN



| DATE | REVISOR | BY |
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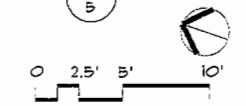
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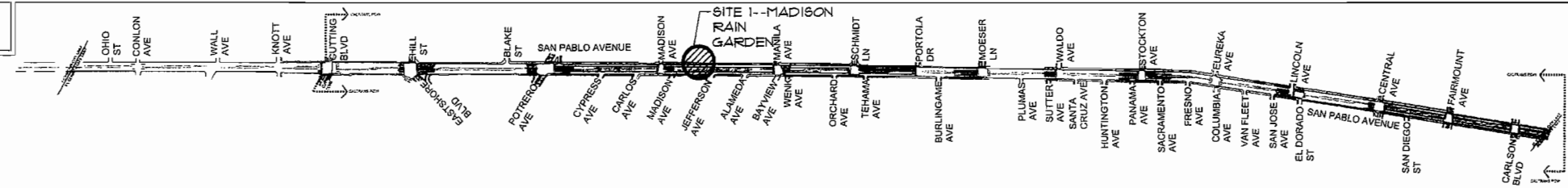


GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT



KEY MAP



FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE=> DG P-EG MPA PHASE2.DWG

CU 04275 EA 4A5601

BID SET

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PLANTING PLAN

HP3.1

DATE PLOTTED=>
TIME PLOTTED=>
00--00--00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gates

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
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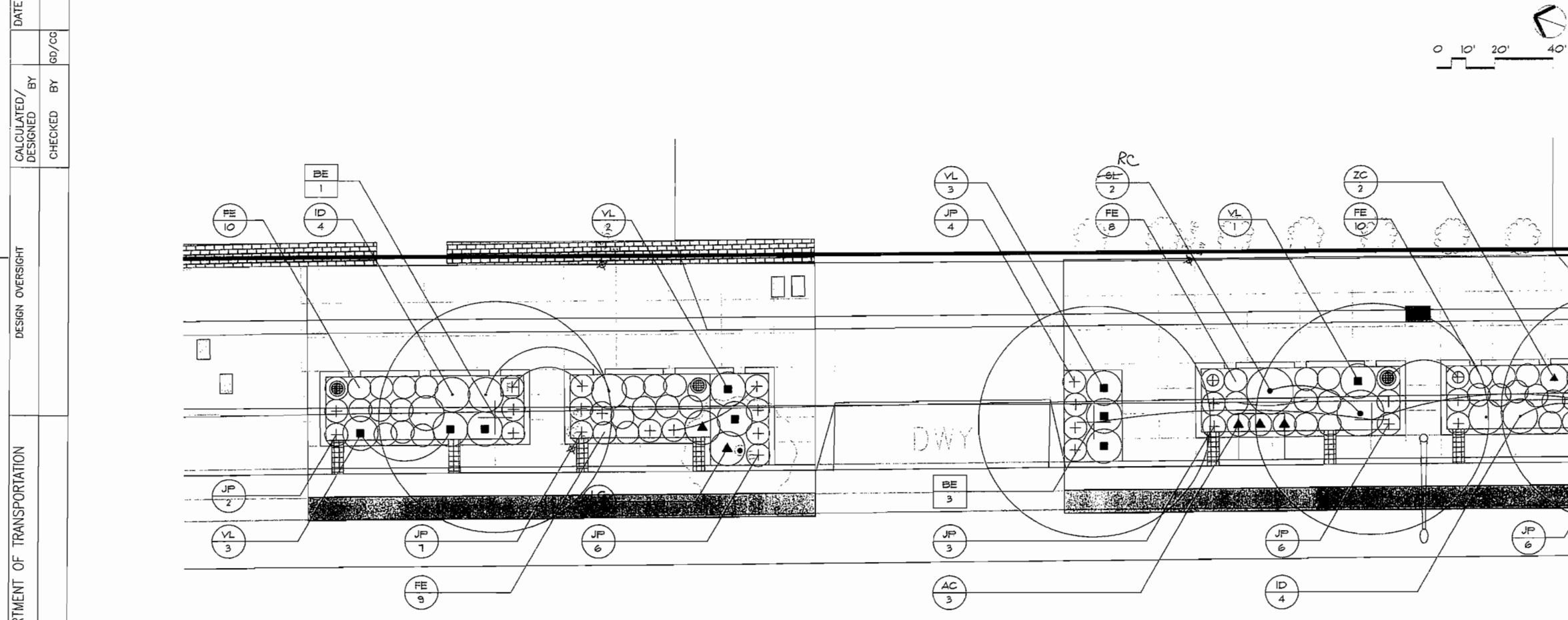
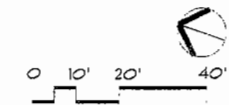
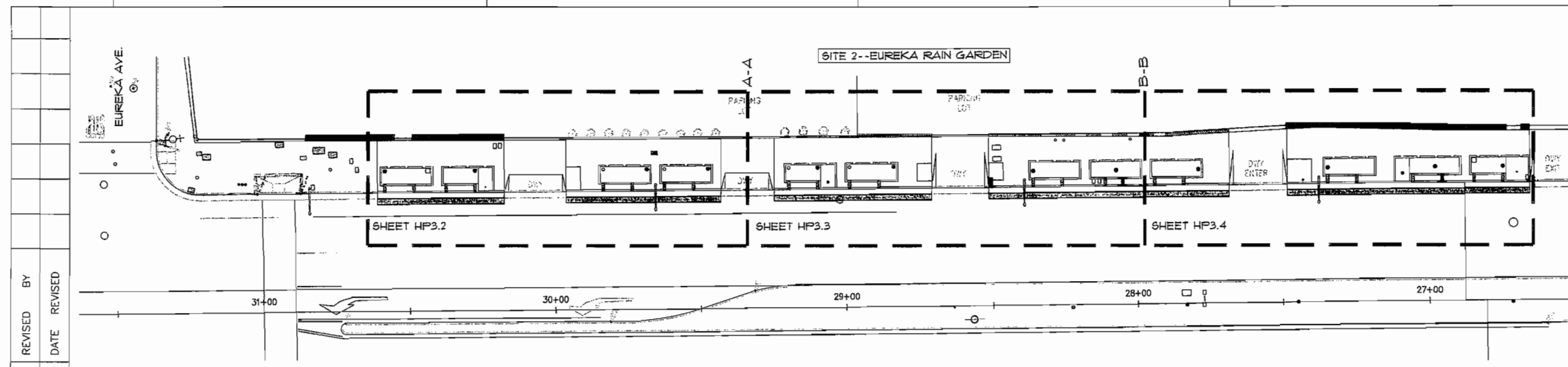


REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

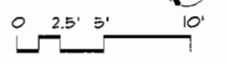
GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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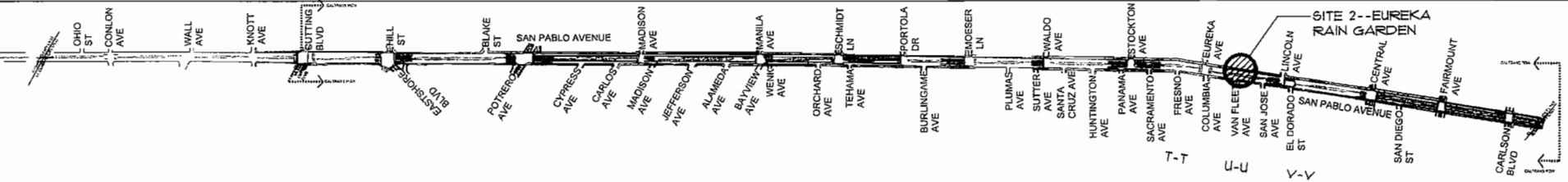


GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT



KEY MAP



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November 19, 2009
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PLANTING PLAN

HP3.2

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE=> DG P-EG SPA PHARD.DWG

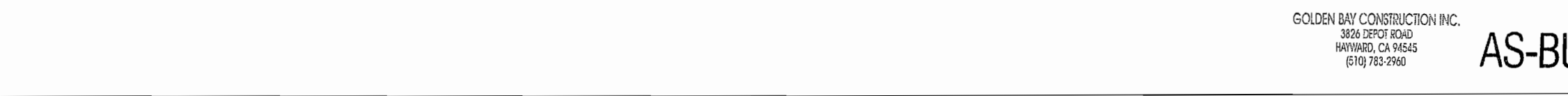
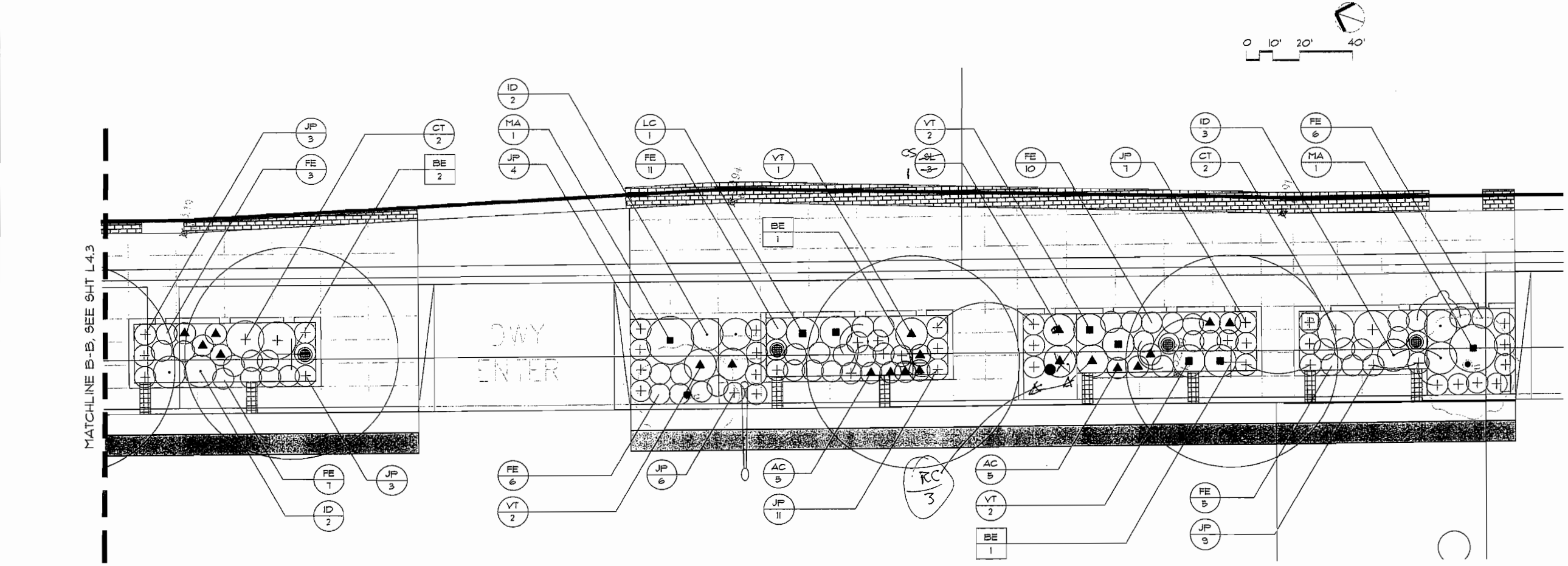
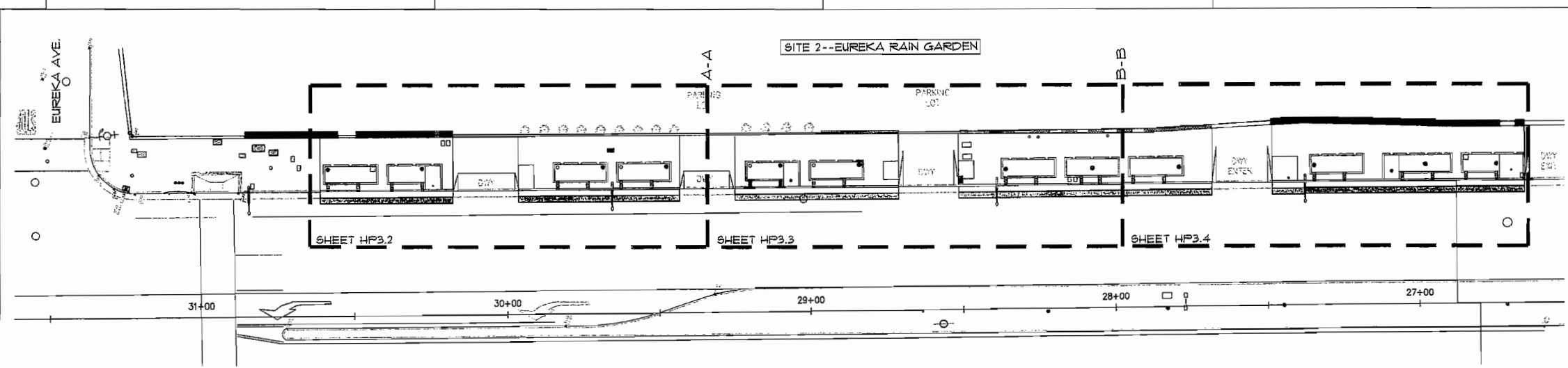
CU 04275

EA 4A5601

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gates

DATE PLOTTED=>
TIME PLOTTED=>
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STATE OF CALIFORNIA — DEPARTMENT OF TRANSPORTATION
Caltrans



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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| 4 | CC | 123 | 0.0/2.1 | 29 | 39 |

REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530-2323

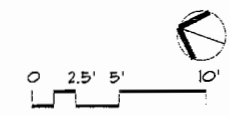
GATES + ASSOCIATES
 2671 CROW CANYON ROAD
 SAN RAMON, CA 94583



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GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT



KEY MAP

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
 DWG FILE => DGS P-EG SPA PHASE2.DWG

CU 04275

EA 4A5601

BID SET
 November 19, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN
PLANTING PLAN
 HP3.4

DATE PLOTTED=>
 TIME PLOTTED=>
 LAST REVISION
 00-00-00

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 4 | CC | 123 | 0.0/2.1 | 31 | 39 |

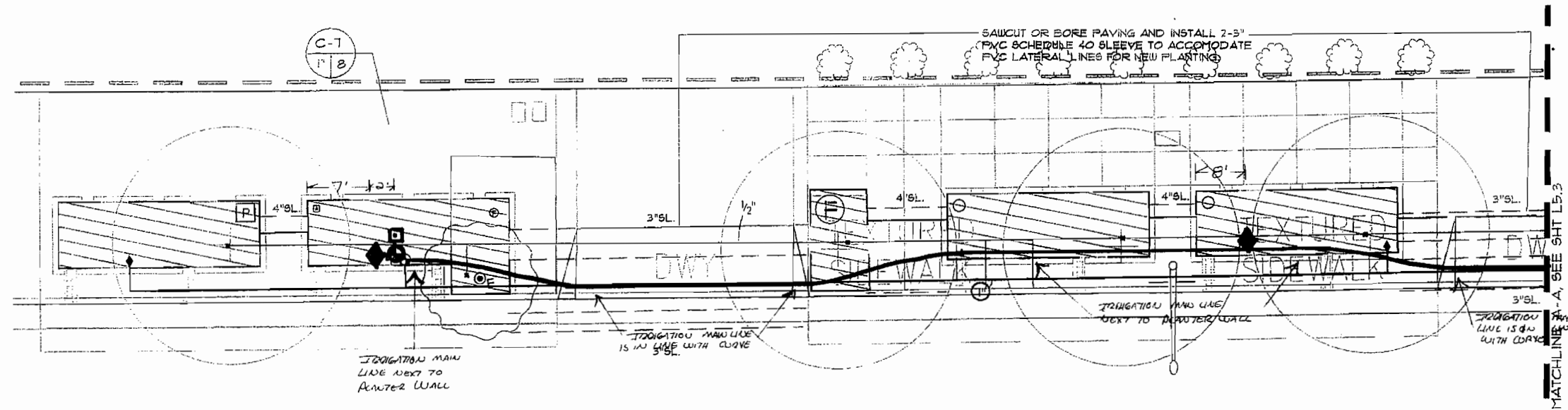
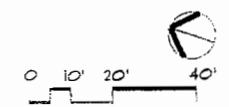
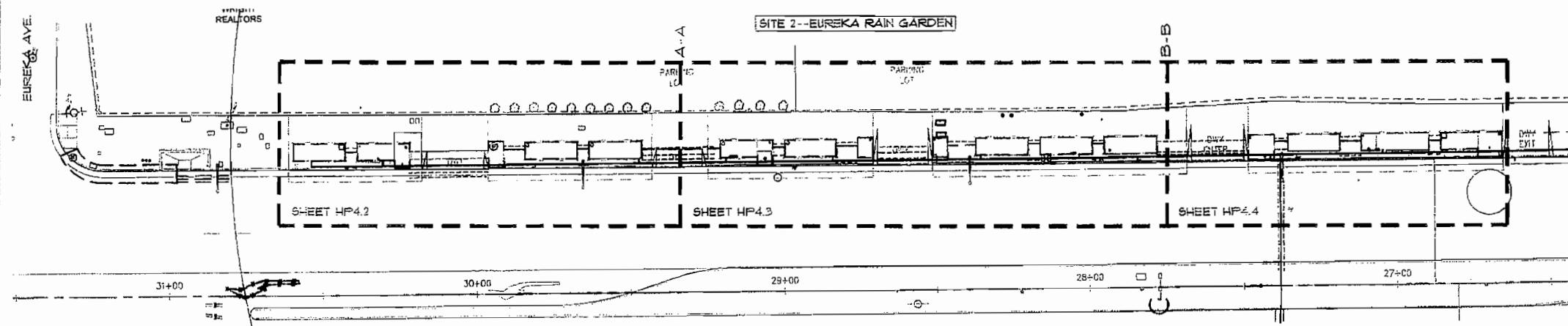


REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

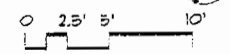
GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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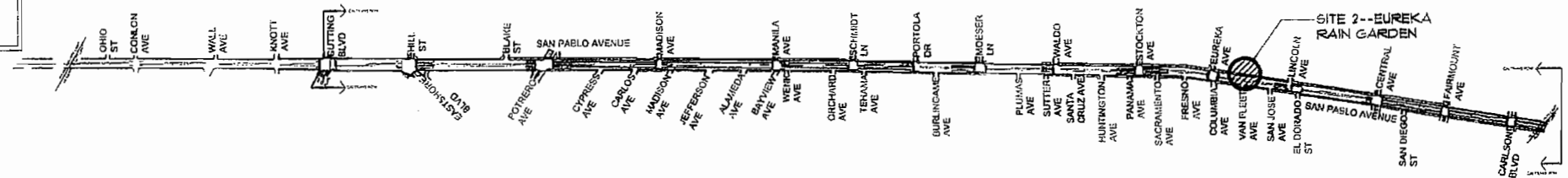


GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT



KEY MAP



FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE: >>> PG 04 11/19/09

CU 04275

EA 4A5601

BID SET

November 19, 2009
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

IRRIGATION PLAN

HP4.2

DATE PLOTTED: 00-00-00
TIME PLOTTED: >>>

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

MATCHLINE U-U

MATCHLINE A-A SEE SHT L5.3

| DATE | REVISION | BY |
|------|----------|----|
| | | |

DESIGN OVERSIGHT

DEPARTMENT OF TRANSPORTATION

Caltrans

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 4 | CC | 123 | 0.0/2.1 | 33 | 39 |

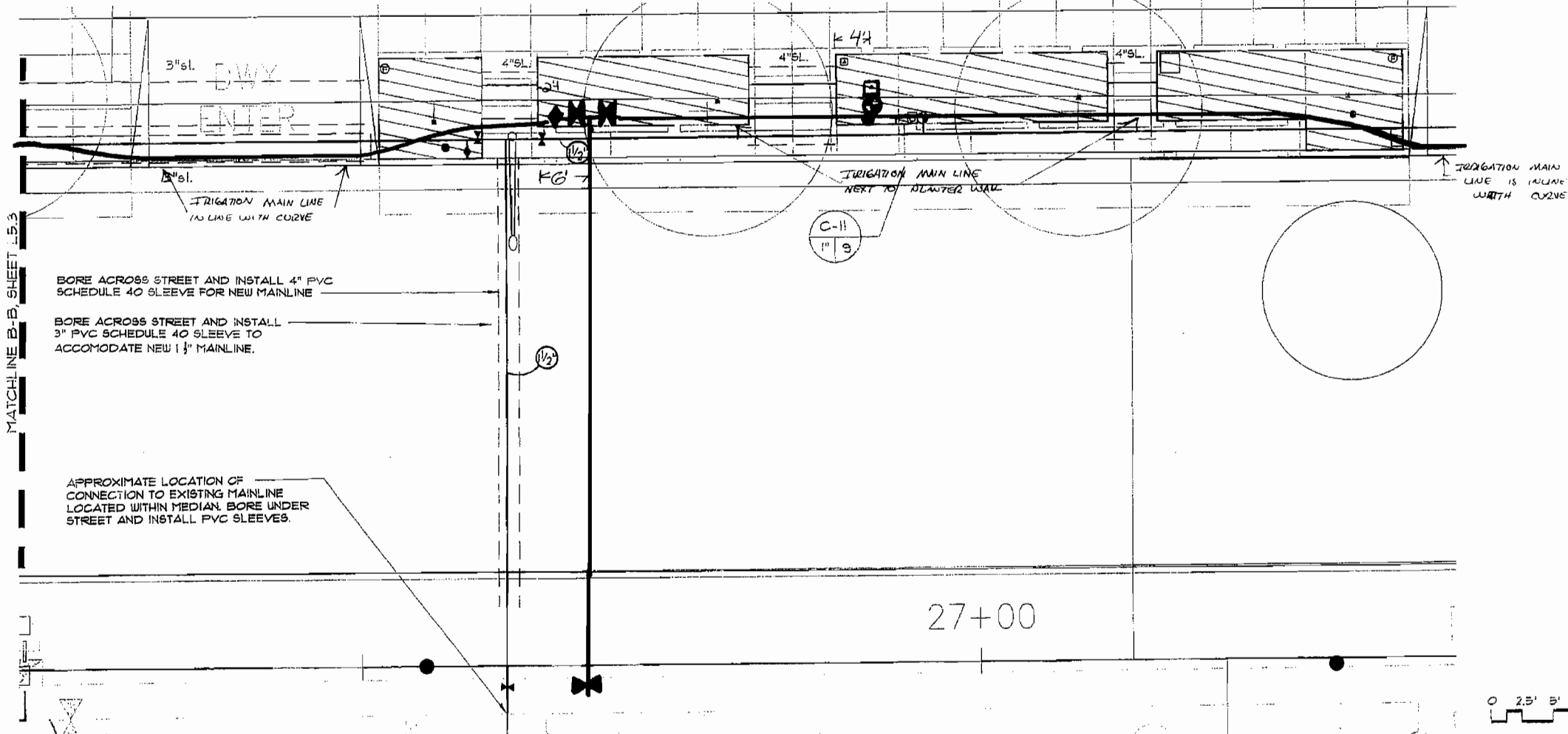
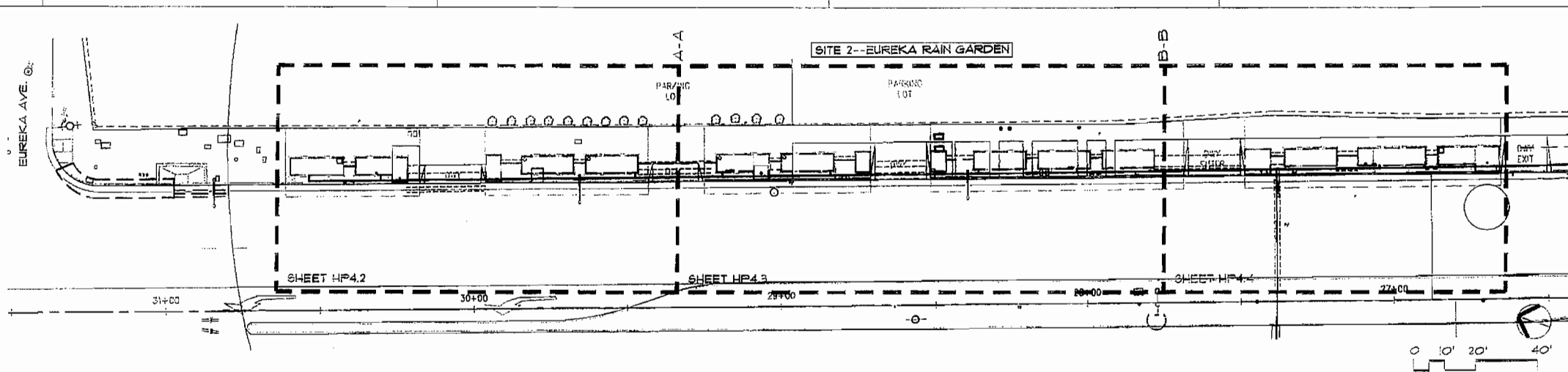


REGISTERED LANDSCAPE ARCHITECT

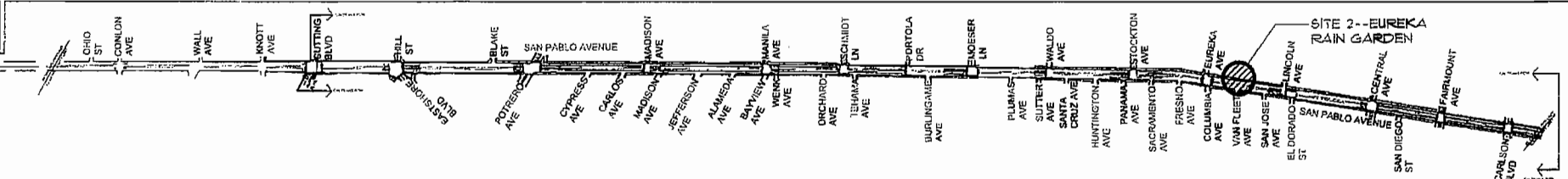
CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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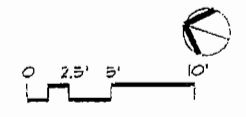


KEY MAP



GOLDEN BAY CONSTRUCTION INC.
3824 DEPOT ROAD
HAYWARD, CA 94546
(510) 783-2960

AS-BUILT



BID SET

November 19, 2009
ALL DIMENSIONS ARE IN FEET
UNLESS OTHERWISE SHOWN

IRRIGATION PLAN

HP4.4

| DATE | REVISION | BY | DATE | REVISION | BY | CS | DESIGNED | BY | CHECKED | BY | DESIGN OVERSIGHT | DEPARTMENT OF TRANSPORTATION | STATE OF CALIFORNIA |
|------|----------|----|------|----------|----|----|----------|----|---------|----|------------------|------------------------------|---------------------|
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES 0 20 40 60 80

CITY CONTRACT NO.: C4016
DWG FILE: >>> RFR-EC 014 PLANS.DWG

CU 04275 EA 4A5801

DATE PLOTTED: 00-00-00
TIME PLOTTED: >>>

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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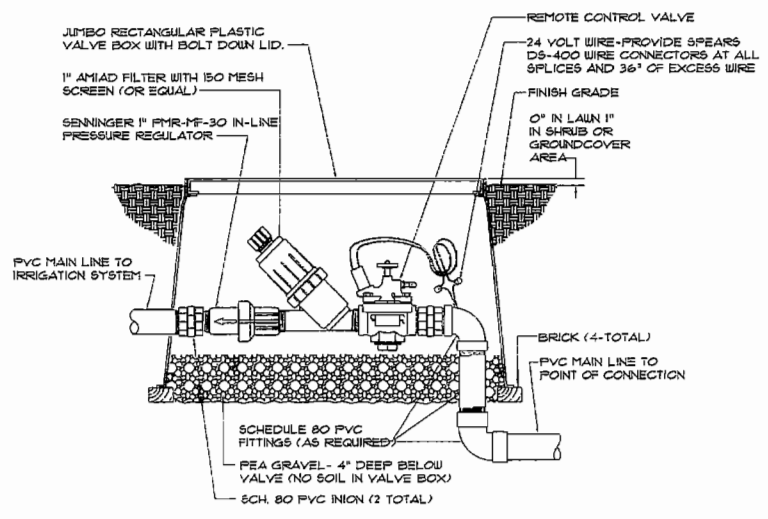
REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

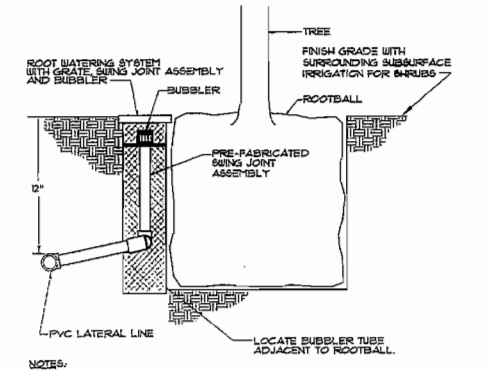
GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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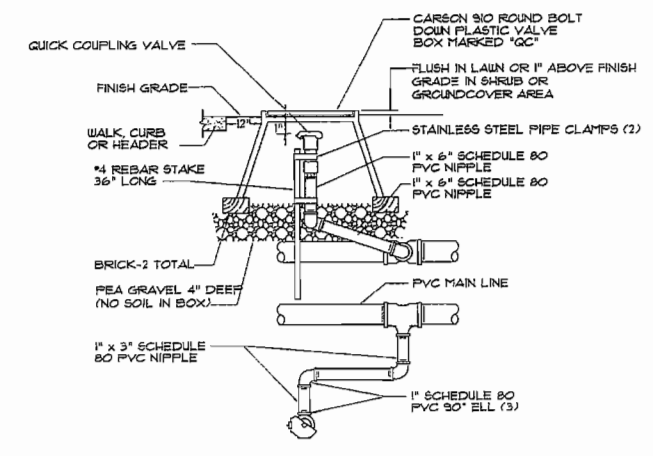
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans



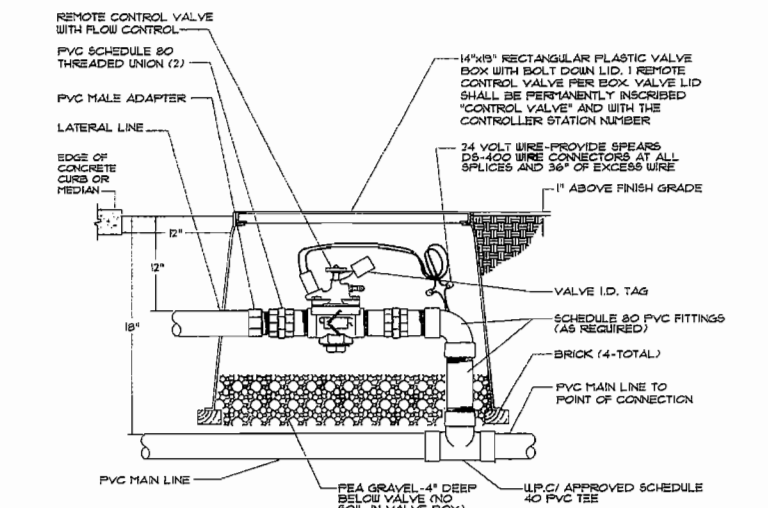
1 DRIP REMOTE CONTROL VALVE ASSEMBLY
NTS



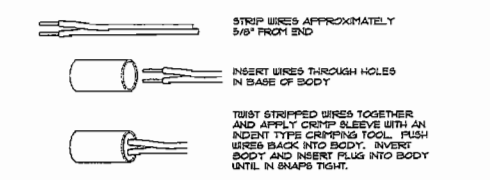
2 TREE BUBBLER IN PLANTER INSTALLATION
NTS



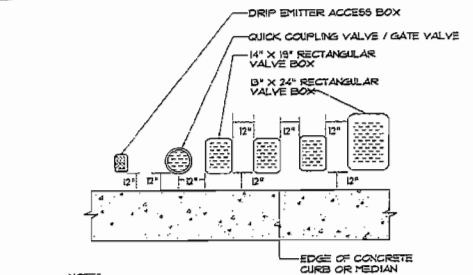
3 1\"/>



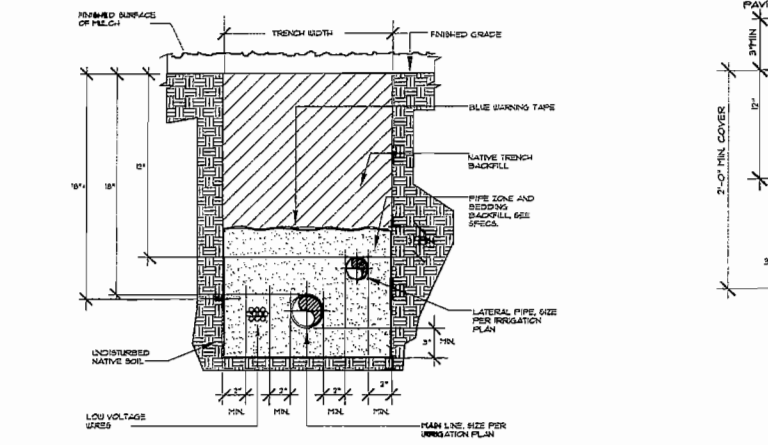
4 REMOTE CONTROL VALVE INSTALLATION
NTS



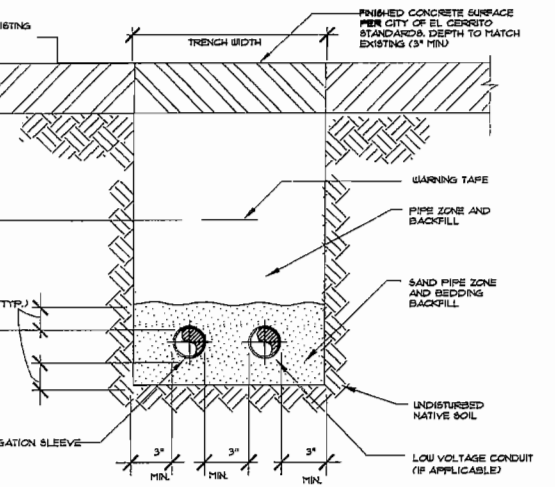
5 WIRE CONNECTION
NTS



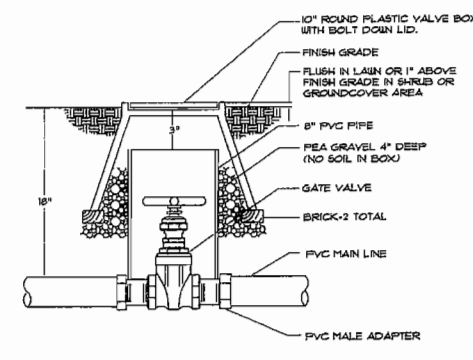
6 VALVE BOX INSTALLATION
NTS



7 IRRIGATION TRENCHING
NTS



8 SLEEVE TRENCH UNDER EXISTING PAVING
NTS



9 GATE VALVE INSTALLATION
NTS

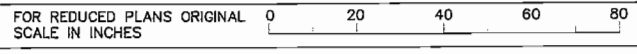
GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT

BID SET

November 19, 2009
ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

IRRIGATION DETAILS
HP4.6



CITY CONTRACT NO.: C4016
DWG FILE=> DG IRR-SC 6PA PHASE2.DWG

CU 04275

EA 4A5601

DATE PLOTTED=>
TIME PLOTTED=>
LAST REVISION
00-00-00

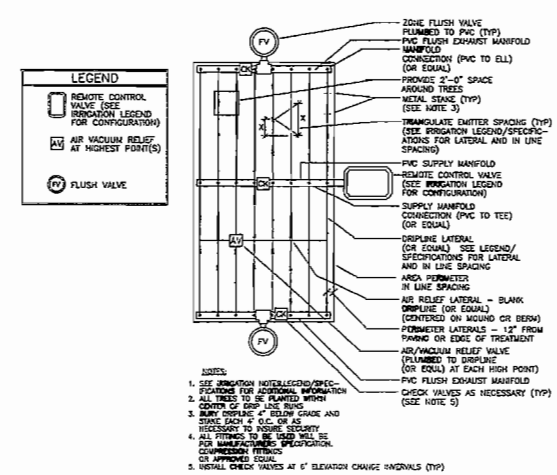
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 4 | CC | 123 | 0.0/2.1 | 36 | 39 |



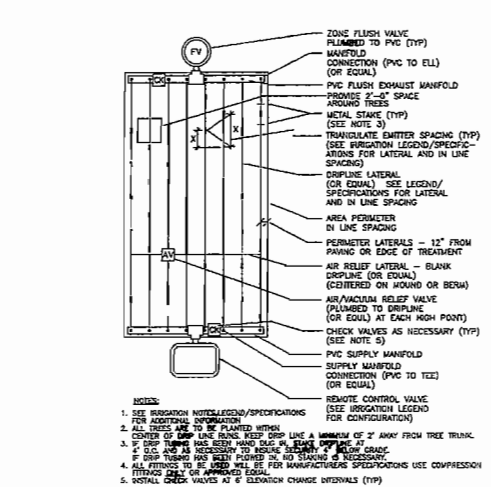
REGISTERED LANDSCAPE ARCHITECT
 CITY OF EL CERRITO
 10940 SAN PABLO AVENUE
 EL CERRITO, CA 94530-2323
 GATES + ASSOCIATES
 2671 CROW CANYON ROAD
 SAN RAMON, CA 94583

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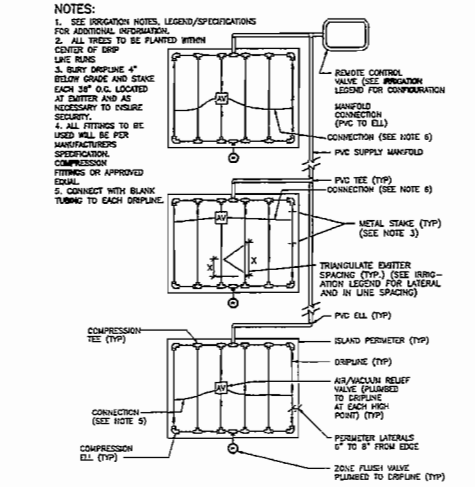
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|---------------------|------------------------------|------------------|------|----|----------|
| STATE OF CALIFORNIA | DEPARTMENT OF TRANSPORTATION | DESIGN OVERSIGHT | DATE | BY | REVISION |
| | | | DATE | BY | REVISION |
| Gates | Gates | Gates | DATE | BY | REVISION |
| | | | DATE | BY | REVISION |



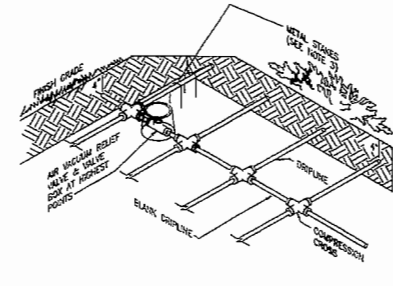
10 TYPICAL CENTER FEED DRIP SYSTEM LAYOUT
NTS



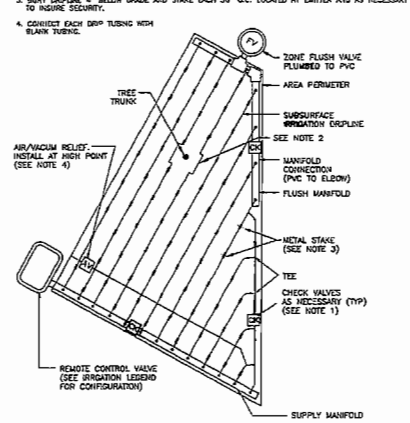
11 TYPICAL END FEED MANIFOLD
NTS



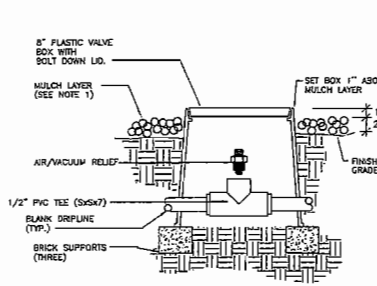
12 TYPICAL ISLAND MANIFOLD
NTS



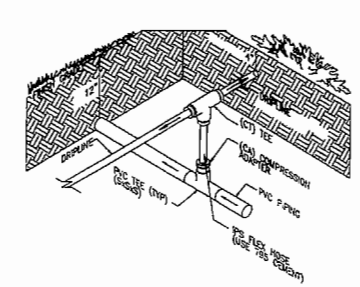
13 AIR VACUUM RELIEF VALVE LOCATION
NTS



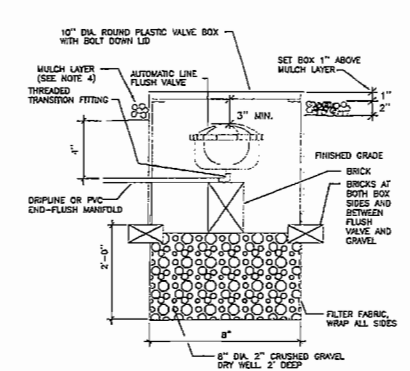
14 DRIPLINE LAYOUT-IRREGULAR AREAS
NTS



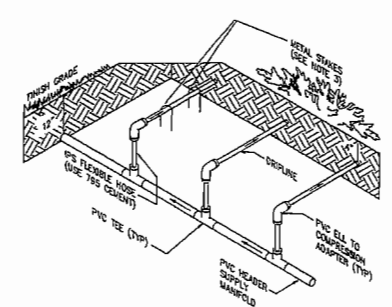
15 AIR/VACUUM RELIEF VALVE
NTS



16 DRIPLINE TO PVC INSTALLATION
NTS



17 FLUSH VALVE INSTALLATION
NTS



18 DRIPLINE TO PVC HEADER INSTALLATION
NTS

- SUBSURFACE IRRIGATION INSTALLATION NOTES:**
1. ASSEMBLE AND INSTALL FILTER, REMOTES CONTROL VALVE AND PRESSURE REGULATING VALVE ASSEMBLIES ACCORDING TO DETAILS.
 2. ASSEMBLE AND INSTALL SUPPLY HEADERS ACCORDING TO DETAIL. TAPE OR PLUG OPEN CONNECTIONS TO PREVENT DEBRIS CONTAMINATION.
 3. ASSEMBLE AND INSTALL EXHAUST HEADERS IN ACCORDANCE WITH DETAILS. TAPE OR PLUG OPEN ENDS WHILE INSTALLING TO PREVENT DEBRIS CONTAMINATION.
 4. INSTALL DRIP LATERALS. TAPE OR PLUG OPEN ENDS WHILE INSTALLING TO PREVENT DEBRIS CONTAMINATION.
 5. INSTALL AIR VACUUM RELIEF VALVES AT HIGHEST POINTS OF THE IRRIGATION ZONES IN ACCORDANCE WITH DETAILS.
 6. THOROUGHLY FLUSH DRIPLINE LATERALS AND CONNECT TO EXHAUST HEADERS OR INTERCONNECTING LATERALS WHILE FLUSHING.
 7. THOROUGHLY FLUSH EXHAUST HEADERS AND INSTALL LINE FLUSHING VALVES ACCORDING TO DETAILS.
 8. THOROUGH FLUSHING OF EACH INSTALLATION SEGMENT IS NECESSARY TO ENSURE THAT NO DEBRIS CONTAMINATION OCCURS.
 9. LOCATE AND INSTALL CHECK VALVE(S) AS NEEDED AND AS SHOWN IN INSTALLATION DETAILS.

GOLDEN BAY CONSTRUCTION INC.
 3826 DEPOT ROAD
 HAYWARD, CA 94545
 (510) 783-2960

AS-BUILT

IRRIGATION DETAILS
 HP4.7



CITY CONTRACT NO.: C4016
 DWG FILE=>DG IRR-EG SPA PHASE2.DWG

CU 04275

EA 4A5601

BID SET
 November 19, 2009
 ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN
 DATE PLOTTED=>
 TIME PLOTTED=>
 LAST REVISION
 00-00-00

2011

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 4 | CC | 123 | 0.0/2.1 | 39 | 39 |



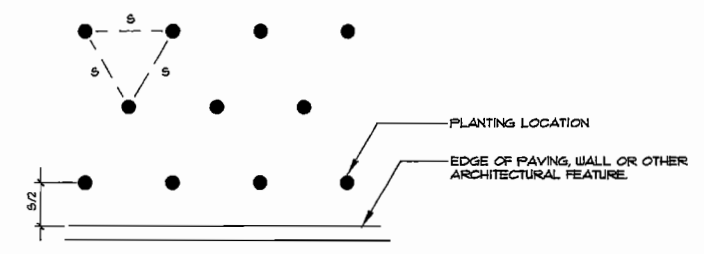
REGISTERED LANDSCAPE ARCHITECT

CITY OF EL CERRITO
10940 SAN PABLO AVENUE
EL CERRITO, CA 94530-2323

GATES + ASSOCIATES
2671 CROW CANYON ROAD
SAN RAMON, CA 94583

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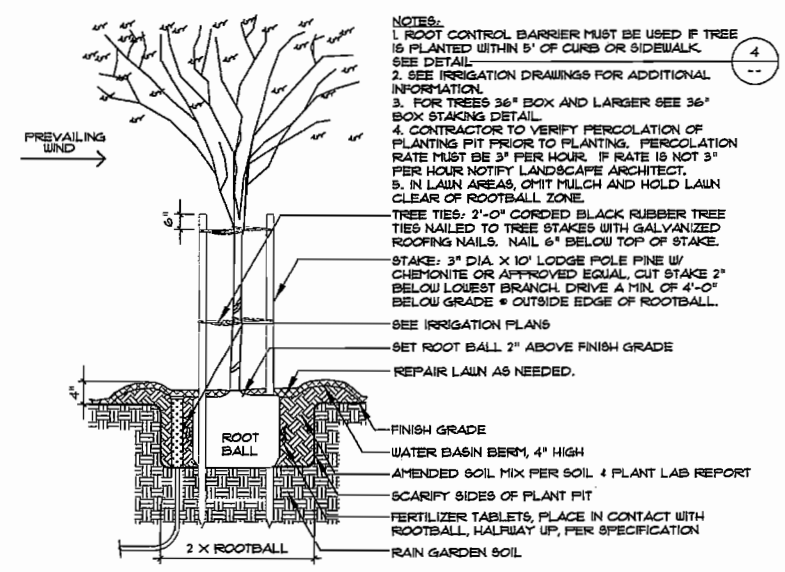
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Gates



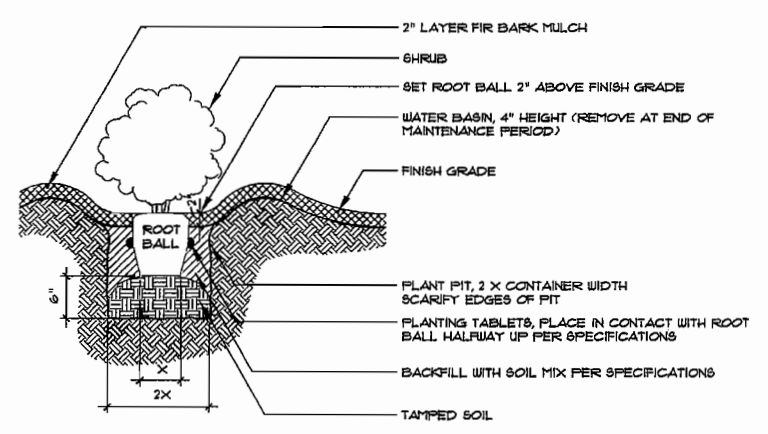
NOTES:
A. S = PLANT SPACING DISTANCE ON CENTER, SEE CHART
B. FOR USE AS A GUIDE FOR SHRUBS AND GROUND COVER WHEN PLANTS ARE SPACED EQUIDISTANT FROM EACH OTHER.

| Spacing | * of Plants/S.F. |
|----------|------------------|
| 6" o.c. | 4.60 |
| 8" o.c. | 2.60 |
| 12" o.c. | 1.15 |
| 18" o.c. | .512 |
| 24" o.c. | .290 |
| 30" o.c. | .185 |
| 36" o.c. | .128 |
| 42" o.c. | .087 |
| 48" o.c. | .063 |

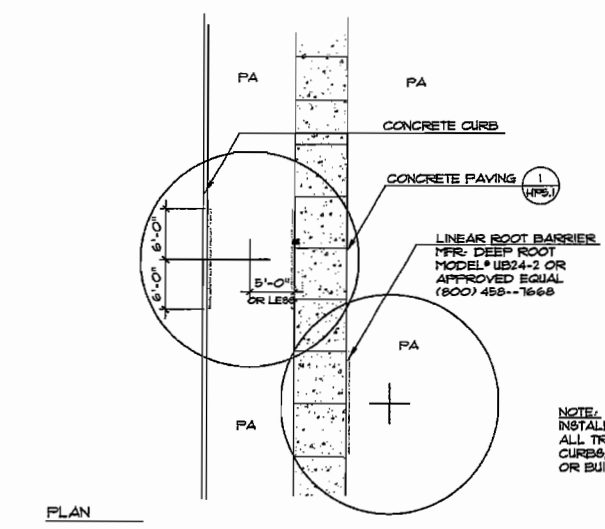
1 PLANT SPACING
SCALE: N.T.S.



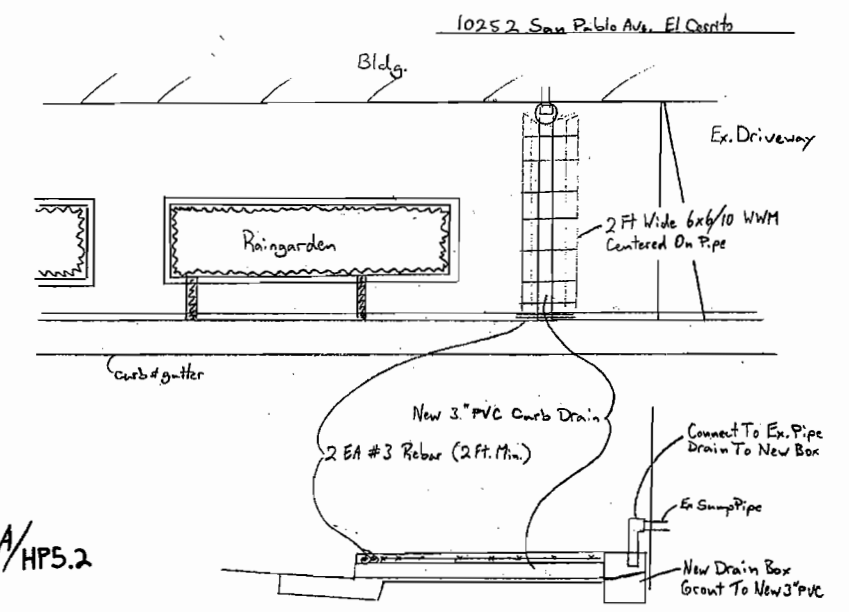
3 TREE STAKING
SCALE: 3/8" = 1'-0"



2 SHRUB PLANTING
SCALE: 1" = 1'-0"



4 LINEAR ROOT BARRIER
SCALE: 1" = 10'-0"



A/HP5.2

GOLDEN BAY CONSTRUCTION INC.
3826 DEPOT ROAD
HAYWARD, CA 94545
(510) 783-2960

AS-BUILT

BID SET

November 19, 2009
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LANDSCAPE DETAILS

HP5.2

FOR REDUCED PLANS ORIGINAL SCALE IN INCHES

CITY CONTRACT NO.: C4016
DWG FILE=> DG DET-EG SPA PHASE2.DWG

CU 04275

EA 4A5601

DATE PLOTTED=>
TIME PLOTTED=>
LAST REVISION
00-00-00