MAP AND CONSTRUCTION PLAN

FOR

SAN FRANCISQUITO CREEK FLOOD PROTECTION CAPITAL PROJECT

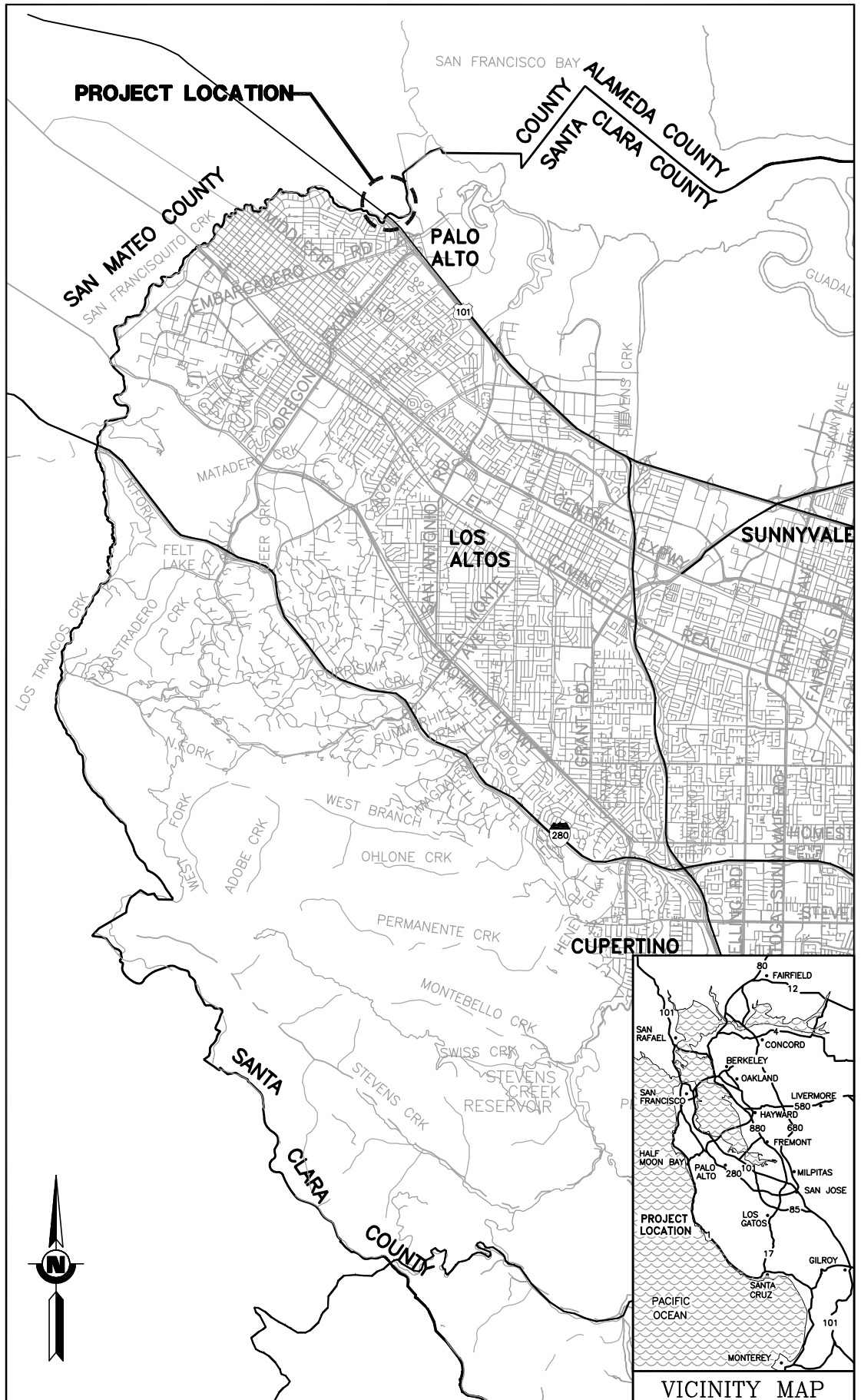
FLOOD WATER CONVEYANCE IMPROVEMENTS

EAST BAYSHORE ROAD TO SAN FRANCISCO BAY

SAN FRANCISQUITO CREEK
JOINT POWERS AUTHORITY

PREPARED BY:

HDR
HDR Engineering, Inc.



LOCATION MAP
SCALE: 1"=5,000'

NAME AMY GILLERAN P.E. # C63861
NAME DATE
PRINCIPAL ENGINEER

APPROVED BY:

NAME (SPM – CPSD OR UM) DATE
TITLE – DIVISION
SANTA CLARA VALLEY WATER DISTRICT

NAME (AOO – CPSD OR DOO) DATE
TITLE – DIVISION
SANTA CLARA VALLEY WATER DISTRICT

ACCEPTED BY:

NAME (DOO – OWNER) DATE
TITLE – DIVISION
SANTA CLARA VALLEY WATER DISTRICT

30% SUBMITTAL
AUGUST 3, 2010

PROJECT NUMBER
130806
SHEET CODE:
G-001
PAGE NUMBER:
1 OF XX

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DOCUMENT NUMBER: SFC_LP-G-1028-XXXXXXX

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SHEET NO.	DESCRIPTION
	LANDSCAPING
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L-007	PLANT SCHEDULE AND PLANTING PLAN – STA 0+00 TO 6+00

GENERAL NOTES

1. ALL EXISTING FACILITIES, STRUCTURES, TREES, FENCES, LANDSCAPING, ETC., DESIGNATED "EXIST". OR SHOWN EXISTING (DASHED LINES) ARE TO REMAIN. ONLY THOSE SPECIFICALLY DESIGNATED FOR REMOVAL AS SHOWN ON THE DRAWINGS, OR AS DIRECTED BY THE ENGINEER SHALL BE REMOVED.
2. ALL REFERENCES MADE TO RIGHT OR LEFT AND ALL CROSS-SECTIONS SHOWN ON THE PLANS ARE VIEWED LOOKING UPSTREAM.

DESIGN NOTES

1. DISCHARGE CRITERIA:
   A. Q_{100} = 9,400 CFS AT O'CONNOR PUMPING PLANT.
   B. Q_{100} = 9,300 CFS AT HIGHWAY 101.

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-002

DOCUMENT NUMBER: SFC_LP-G-1028-XXXXXXX

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
Date of Photography: March 4, 2010
Horizontal Datum:
California Coordinate System, Zone 3
North American Datum of 1983 (NAD83, NSR 2007)
Vertical Datum:
North American Vertical Datum of 1988 (NAVD88)
Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

DATE MM-DD-YY
DESIGN K. DE LAPP
DRAWN H. SUAREZ
CHECKED B. JOHNSON

ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
DRAWING INDEX, DESIGN NOTES AND GENERAL NOTES

SCALE: NOT TO SCALE
VERIFY SCALES: 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: 241-130806
SHEET CODE: G-002
PAGE NUMBER: 2 OF SHT#

ABBREVIATIONS

ABM – Air Blown Mortar
ABS – Acrylonitrile–Butadience–Styrene
AC – Asphalt Concrete
ACP – Asphalt Concrete Pipe
AISI – American Iron & Steel Institute
ALIGN – Alignment
AMP – Amperes
ANSI – American National Standards Institute
APPROX – Approximate
ARV – Air Release Valve
ASA – American Standard Association
ASTM – American Society for Testing Materials
AWG – American Wire Gage
AWWA – American Water Works Association

BC – Begin Curve
BM – Bench Mark
BT – Backhoe Trench
BW – Both Ways

℄ – Centerline
CB – Catch Basin (Inlet)
CCCL – Cement Mortar Coated & Lined Steel Pipe
CCEM – Cement Conduit
CCTL – Corrosion Control Test Leads
CCP – Concrete Cylinder Pipe
CFM – Cubic Feet Per Minute
CI – Cast Iron
CIP – Cast Iron Pipe
CL – Clearance
CLR – Clear
CMC – Cement Mortar Coat
CML – Cement Mortar Line
CMP – Corrugated Metal Pipe
CO – Clean Out
CONC – Concrete
CONT – Continuous
CP – Cement Pipe
CPC – Plastic Conduit
CSP – Corrugated Steel Pipe
CTP – Cable Television Pole
CTV – Cable TV
CU FT – Cubic Feet
CYL – Cylinder
CIPP – Cast–In–Place Pipe

DESC – Description
DH – Drill Holes
DIA – Diameter
DICL – Ductile Iron Cement Lined
DIP – Ductile Iron Pipe
DPDT – Double Pole Double Throw
D/S – Downstream
DWR – Department of Water Resources
EC – End Curve
ELEC – Electrical
ELEV – Elevation
EP – Edge of Pavement
(E) – Existing

FF – Full Force
FH – Fire Hydrant
FKCL – Fiberglass–Kraft Wrap Cement Lined
FLG – Flange
FP – Feeder Pressure
FT – Feet

GA – Gage
GALV – Galvanized
GFI – Ground Fault Interrupter

HC – House Connection (sanitary)
HMW/PE – High Molecular Weight Polyethylene
HORIZ – Horizontal
HP – Horsepower

ID – Inside Diameter
IF – Inside Face
IL – Inductive Loop
IN – Inch
INSUL – Insulation
INV – Invert
IP – Iron Pipe
IPS – Iron Pipe Size

JT – Joint Trench

KV – Kilo Volt

LB – Conduit Fitting Elbow
LG – Long
LLV – Long Leg Vertical
LT – Left

MAINT – Maintenance
MAX – Maximum
MCD – Multiple Conduits
MCI – MCI Telecommunication Corp.
MH – Manhole
MIN – Minimum
MON – Monument
MW – Monitoring Well

N – Nitrogen
N/A – Not Applicable
NE – Northeast
NEMA – National Electrical Manufacturers Association
NO – Number
NTS – Not To Scale
NUM – Number
NW – Northwest

OC – On Center
OD – Outside Diameter
OF – Outside Face
OH – Overhead
OW – Observation Well

ℙ – Property Line
PCC – Portland Cement Concrete
PCCP – Prestressed Concrete Cylinder Pipe
PE – Plain End
PG&E – Pacific Gas and Electric
PI – Point of Intersection
PK – Parker–Kalon Survey Nail
PL – Plastic Line
POT – Point on Tangent
PP – Power Pole
PRC – Point of Reverse Curve
PSI – Pound Per Square Inch
PT&T – Pacific Telephone and Telegraph
PUE – Public Utility Easement
PV – Precast Vault
PVC – Polyvinyl Chloride
PVMT – Pavement
PW – Pumping Well

R – Radius
RCB – Reinforced Concrete Box
RCP – Reinforced Concrete Pipe
RE – Reference Electrode
REBAR – Reinforcing Bar
REINF – Reinforced
REQ'D – Required
RR – Railroad
RT – Right
RTU – Remote Terminal Unit
R/W – Right of Way

S – Slope
SCHED – Schedule
SCVWD – Santa Clara Valley Water District
SD – Storm Drain
SE – Southeast
SHT – Sheet
SJMW – San Jose Municipal Water
SJWC – San Jose Water Company
SOMCL – Standard Oil Mastic Cement Lined
SPECS – Specifications
SPRR – Southern Pacific Railroad
SQ – Square
SS – Sanitary Sewer
SSTL – Stainless Steel
ST – Street
STA – Station
STD – Standard
STL – Steel
STRD – Stranded
SW – Southwest
SYM – Symmetrical

T – Telephone
t – Thickness of Plate or Dimension of Weld
TBM – Temporary Bench Mark
TC – Telemetry Cable
TCA – Temporary Construction Area
TCE – Temporary Construction Easement
TCS – Telemetry Cable Splice
TEL – Telephone
THW – Thermal Plastic Moisture and Heat Resistant
THWN – Thermal Plastic With Nylon Coating Moisture and Heat Resistant
TOB – Top of Bank
TOL – Top of Levee
TP – Test Pit Location
TR – Tape Wrapped
TS – Traffic Signal
TYP – Typical

UG – Underground
UPRR – Union Pacific Railroad
U/S – Upstream
USGS – United States Geological Survey

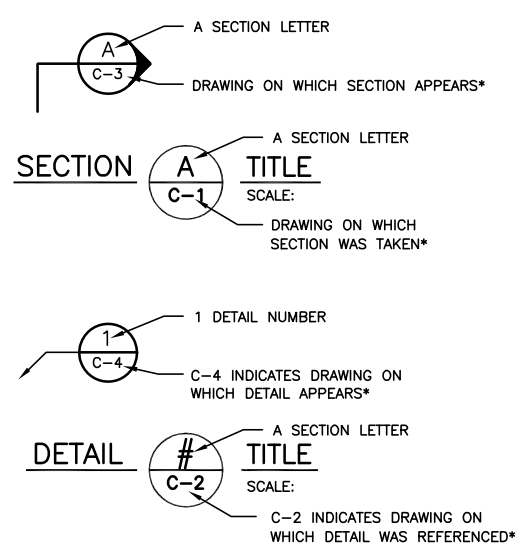
V – Voltage
VAC – Voltage Alternating Current
VCD – Vacant Conduit
VCP – Vitrified Clay Pipe
VERT – Vertical

W – Water
WP – Work Point
WSP – Welded Steel Pipe
WSCL – Wrapped Steel Cement Lined
WV – Water Valve
WWF – Welded Wire Fabric
W/ – With

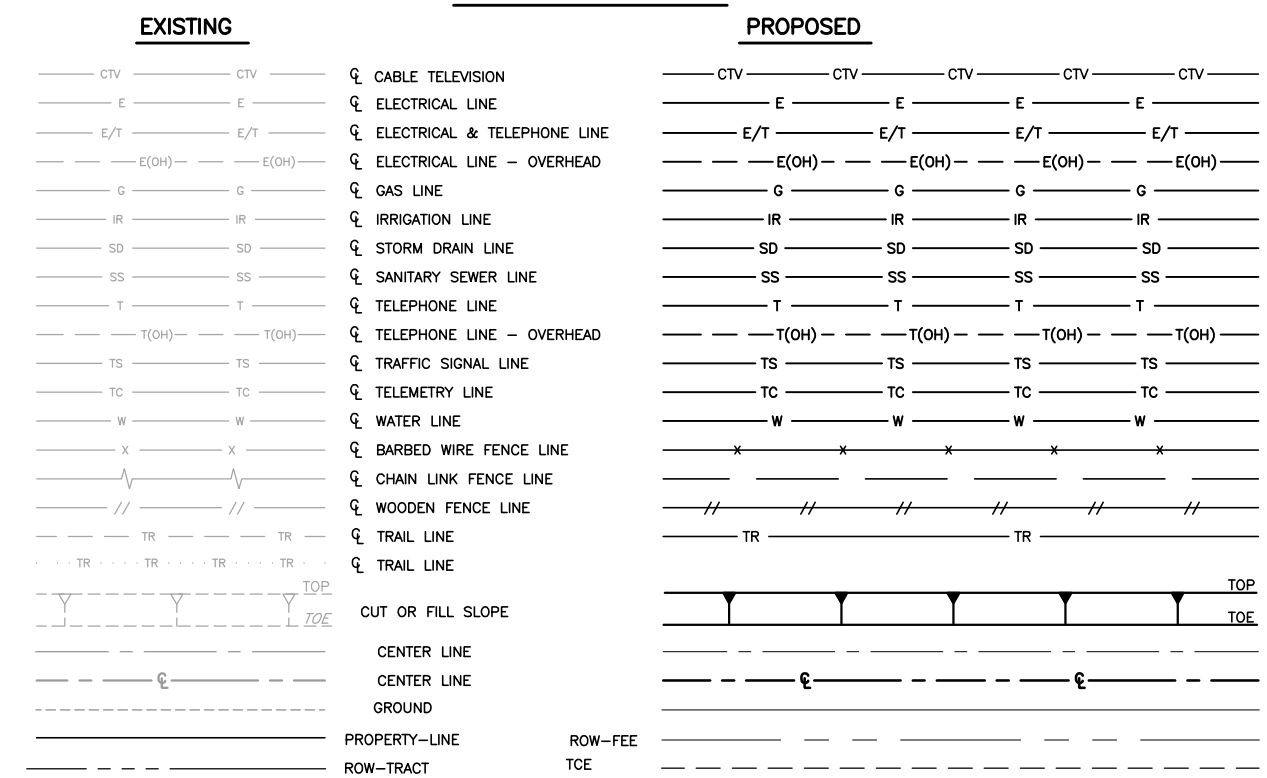
& – And
@ – At
℄ – Centerline
Ø – Diameter
ℙ – Property Line

DETAIL AND SECTION DESIGNATION

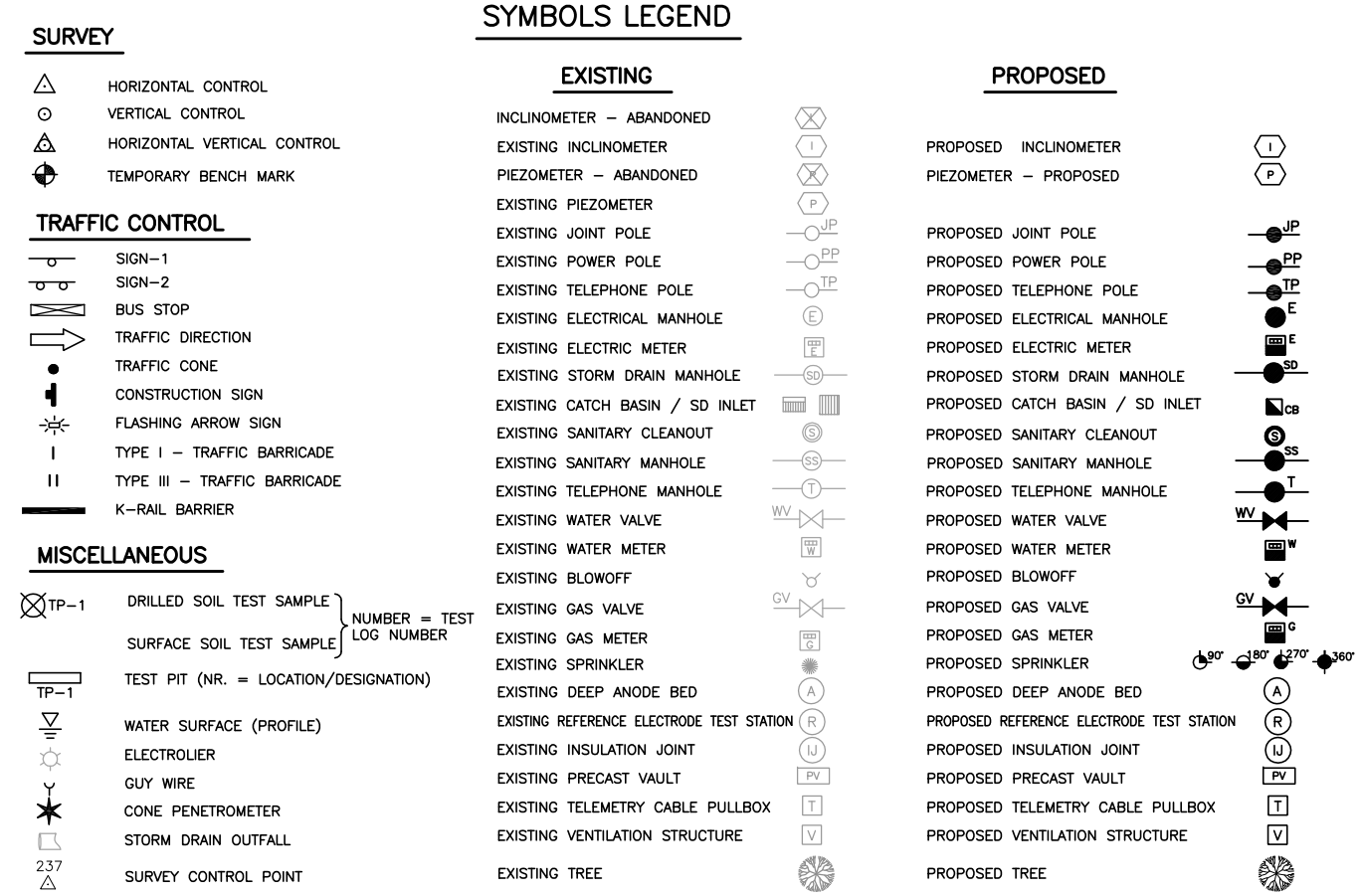
* IF SECTION OR DETAIL APPEARS ON THE SAME DRAWING AS THE CALLOUT, THE DRAWING REFERENCE IS REPLACED WITH A DASH (–)



LINE TYPE LEGEND



SYMBOLS LEGEND



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Vertical Datum:
North American Vertical Datum of 1988 (NAVD88)
Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

DATE MM–DD–YY
DESIGN K. DE LAPP
DRAWN H. SUAREZ
CHECKED B. JOHNSON

ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6–30–12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
ABBREVIATIONS AND LEGEND

SCALE: NOT TO SCALE
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER 241–130806
SHEET CODE: G–003
PAGE NUMBER: 3 OF SHT#

DOCUMENT NUMBER: SFC_LP–G–1028–XXXXXXX
USERNAME: BillShad Tue 08 Jul 2008 09:32am
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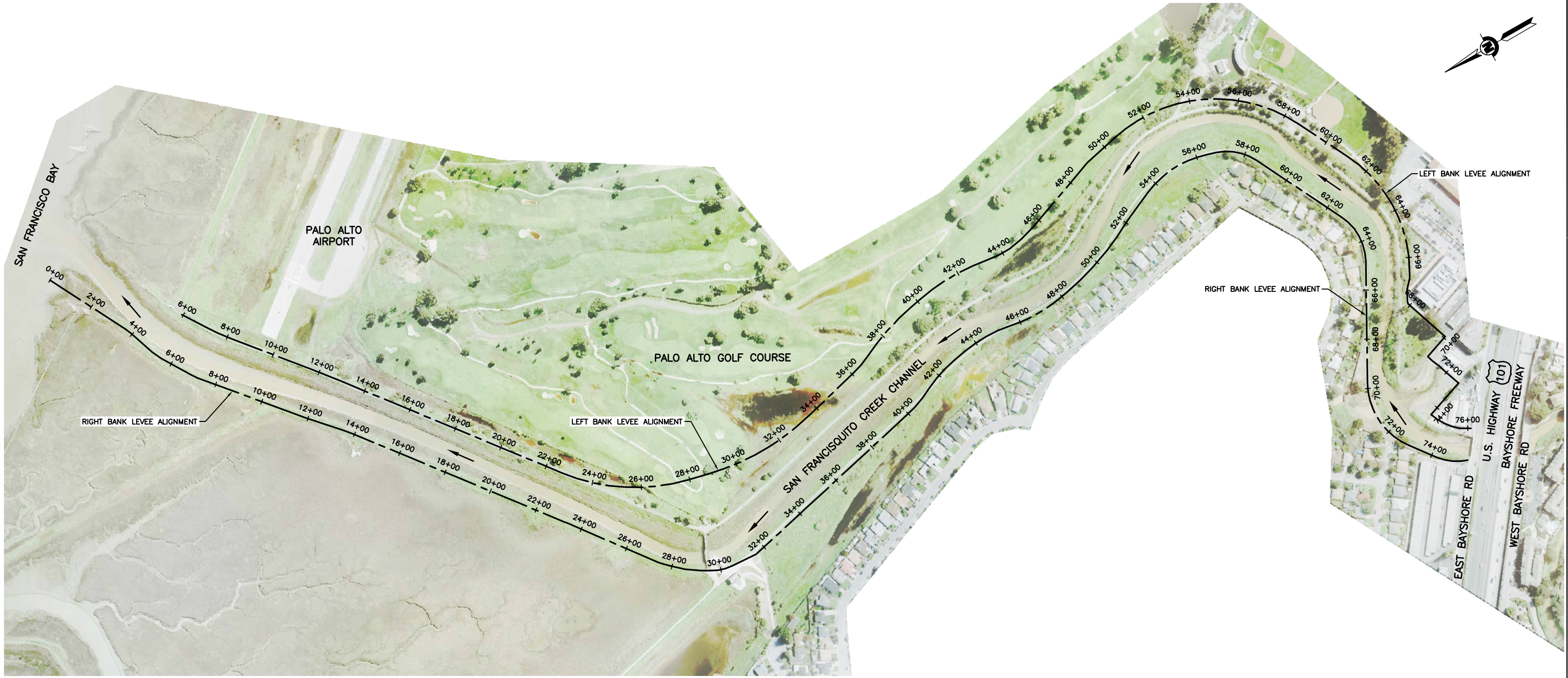

GENERAL SITE PLAN

SCALE: 1"=200'

DOCUMENT NUMBER: SFC_LP-G-1028-XXXXXXX

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-004

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Vertical Datum:
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Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

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DRAWN H. SUAREZ
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REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
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PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
GENERAL SITE PLAN

SCALE 1" = 200'
VERIFY SCALES 0 1"
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PROJECT NUMBER 241-130806
SHEET CODE: G-004
PAGE NUMBER: 4 OF SHT#

Owner	Location	Size	Material	Pothole Needed?	Design Requirements
Unknown		96"	Concrete	No	Relocate
Unknown		10"	CMP	No	Connect Flap Gate
Unknown		10"	CMP	No	Connect Flap Gate
Unknown		2"	Unknown	Yes	Relocate
Unknown		2.5"	Unknown	Yes	Remove as Needed
Pacific Gas & Electric		NA	NA	No	None
Pacific Gas & Electric		NA	NA	No	None
Pacific Gas & Electric		24"	Unknown	Yes	Relocated by Others
East Palo Alto Sanitation District		24"	Unknown	Yes	Relocate
East Palo Alto Sanitation District		14"	CMP	No	Remove as Needed
East Palo Alto Sanitation District		30"	Steel	No	None
East Palo Alto Sanitation District		14"	Unknown	No	None
East Palo Alto Sanitation District		60' f	Unknown	Yes	Remove as Needed
Unknown		2"	Unknown	Yes	Relocate
Palo Alto Municipal Golf Course		6"	Unknown	No	Remove as Needed

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-005

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FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY

UTILITY RESEARCH TABLE

SCALE NOT TO SCALE
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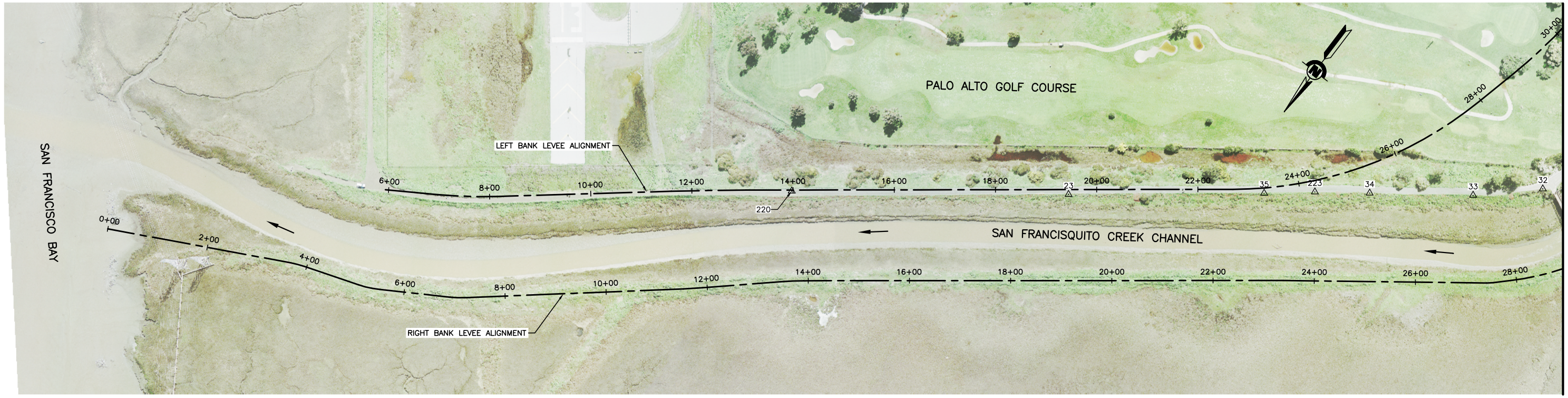
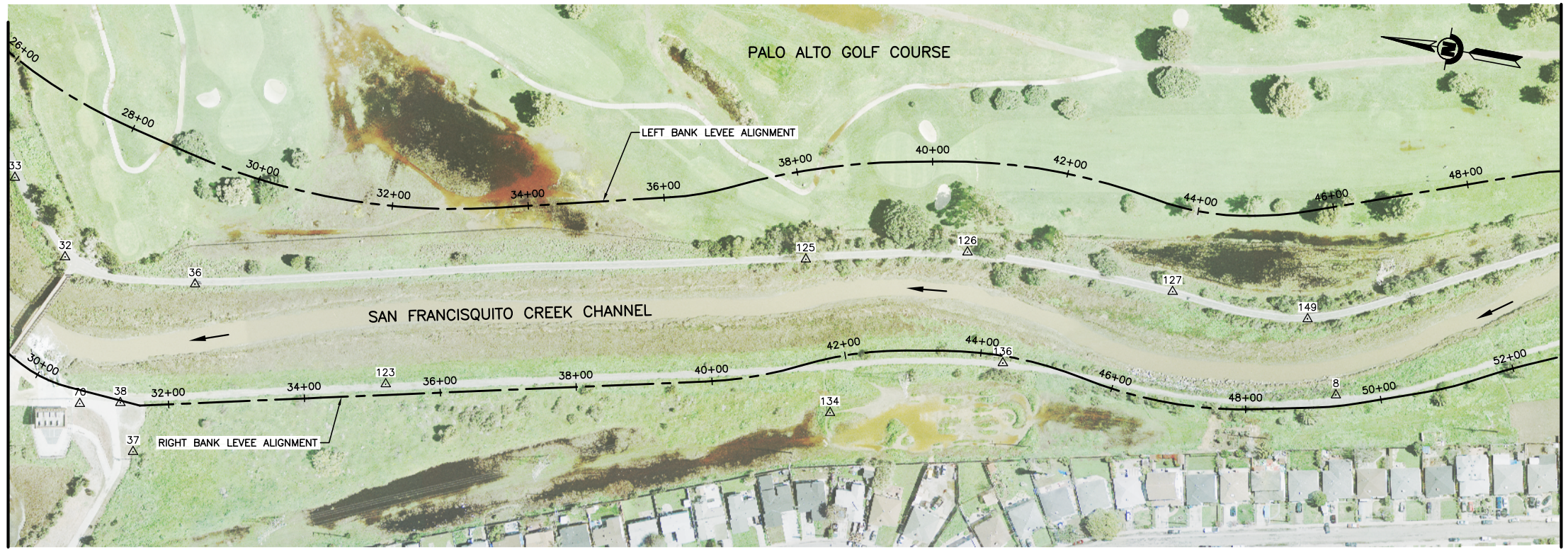
PROJECT NUMBER 241-130806
SHEET CODE: G-005
PAGE NUMBER: 5 OF SHT#



FOR CONTINUATION SEE THIS SHEET

SURVEY CONTROL POINTS PLAN

SCALE: 1"=100'



FOR CONTINUATION SEE THIS SHEET

FOR CONTINUATION SEE SHEET G-007

SURVEY CONTROL POINTS PLAN

SCALE: 1"=100'

SHEET NOTES:

1. REFER TO SHEET G-007 FOR POINT TABLES.

REV	DESCRIPTION	DATE	APPR.
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Ground Control Survey by: Towill, Inc.

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DATE	ENGINEERING CERTIFICATION
MM-DD-YY	REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
DESIGN: K. DE LAPP	
DRAWN: H. SUAREZ	
CHECKED: B. JOHNSON	PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY

ACCEPTED BY DISTRICT

PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY

SURVEY CONTROL POINTS

SCALE: 1" = 100'
VERIFY SCALES: 0 — 1"
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PROJECT NUMBER: 241-130806
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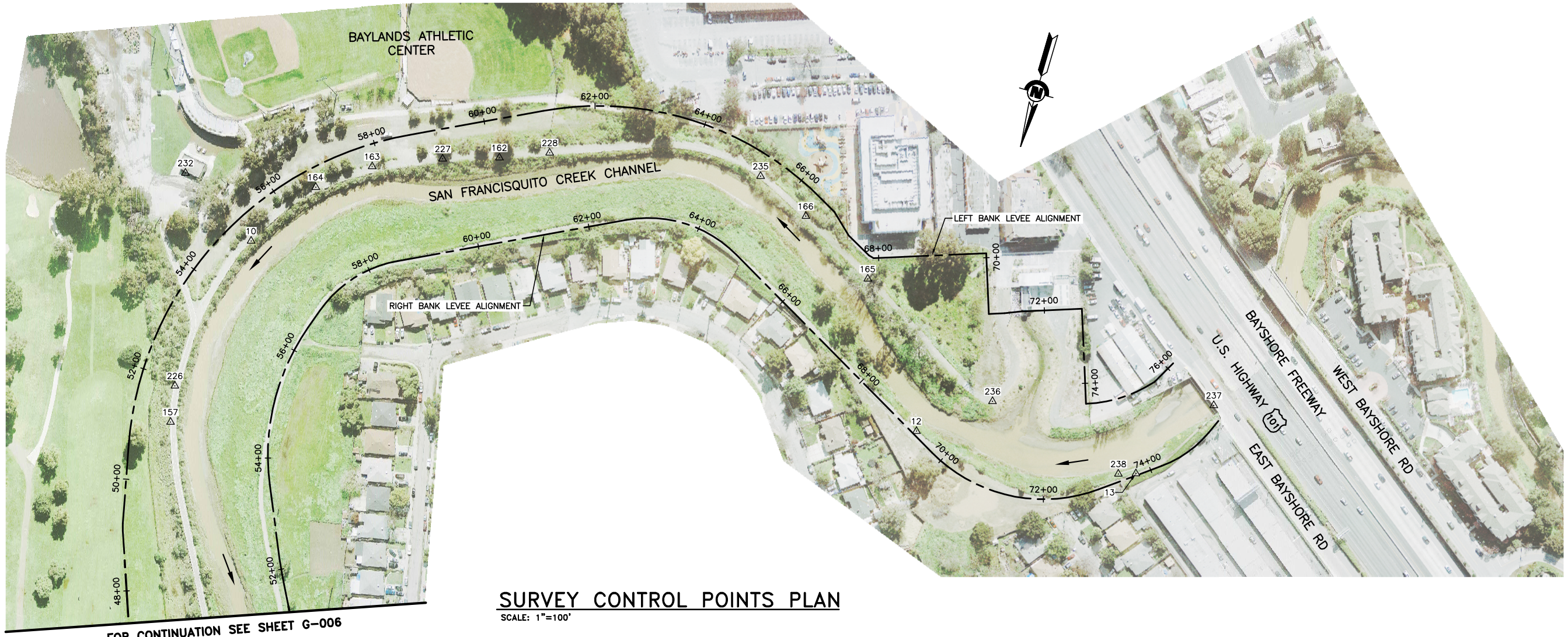

FOR CONTINUATION SEE SHEET G-006

SURVEY CONTROL POINTS PLAN

SCALE: 1"=100'

Point Table				
Point #	Raw Description	Elevation	Northing	Easting
7	CT.109102	16.24	1994502.92	6090321.55
23	WP-23	14.18	1995020.10	6091225.77
32	WP-32-X-ON PAINT LI	16.54	1994441.57	6090488.32
33	WP-33	13.91	1994535.38	6090590.05
34	WP-34	13.96	1994656.12	6090755.04
35	WP-35	13.98	1994783.16	6090920.49
36	WP-36	13.64	1994246.36	6090483.31
37	WP-37	6.23	1994291.59	6090224.44
38	WP-38	13.05	1994322.93	6090291.85
70	ANODE	13.75	1994381.43	6090279.85
92	WP-92	5.65	1994417.48	6089970.98
116	WM	6.20	1994404.83	6089963.88
117	WV	6.36	1994405.33	6089960.92
123	WP-123	14.17	1993944.06	6090389.42
220		13.54	1995347.34	6091664.28
223	WP	14.07	1994720.08	6090842.52

Point Table				
Point #	Raw Description	Elevation	Northing	Easting
8	CP-109103	15.09	1992566.53	6090625.87
10	CP.109105	15.97	1991770.12	6090927.60
12	CO.109107	17.08	1991762.31	6089693.00
13	CP.109108	17.28	1991725.09	6089295.87
125	WP-125	14.59	1993369.42	6090681.57
126	FND-PK	14.99	1993137.35	6090734.87
127	WP-127	14.99	1992830.17	6090732.08
134	WP-134	9.49	1993293.54	6090465.77
136	WP-136	14.89	1993056.88	6090583.67
149	FND-PK	15.03	1992627.73	6090728.43
157	WP-157	15.69	1992120.73	6090974.83
161	WP-161	15.56	1991930.14	6090977.55
162	WP-162	16.45	1991503.04	6090544.26
163	WP-163	16.35	1991581.85	6090757.79
164	FND-PK	16.10	1991645.47	6090843.93
165	WP-165	16.86	1991525.96	6089852.80
166	WP-166	16.80	1991449.59	6089990.24
225	FOUND PK	15.52	1991919.69	6090995.40
226	SET PK AND SHINER	15.61	1992056.60	6090985.65
227	WP-227	16.24	1991533.39	6090641.01

Point Table				
Point #	Raw Description	Elevation	Northing	Easting
228	WP-228	16.37	1991469.33	6090460.69
229	SET PK AND SHINER	15.65	1991941.75	6090989.30
232	SET PK AND SHINER	11.31	1991686.54	6091074.37
235	WP-235	16.53	1991403.68	6090087.91
236	SET PK AND SHINER	17.32	1991673.08	6089577.73
237	WP-237	17.54	1991569.05	6089196.82
238	CUT X	15.14	1991734.44	6089325.77

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
Date of Photography: March 4, 2010
Horizontal Datum:
California Coordinate System, Zone 3
North American Datum of 1983 (NAD83, NSR 2007)
Vertical Datum:
North American Vertical Datum of 1988 (NAVD88)
Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

DATE MM-DD-YY
DESIGN K. DE LAPP
DRAWN H. SUAREZ
CHECKED B. JOHNSON

ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
SURVEY CONTROL POINTS

SCALE 1" = 100'
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER 241-130806
SHEET CODE: G-007
PAGE NUMBER: 7 OF SHT#

DOCUMENT NUMBER:SFC_LP-G-1028-XXXXXXX
USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-007

LEVEE STATIONING AND SHEET LAYOUT PLAN

SCALE: 1"=200'

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-008

DOCUMENT NUMBER:SFC_LP-G-1028-XXXXXXX

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
Date of Photography: March 4, 2010
Horizontal Datum:
California Coordinate System, Zone 3
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North American Vertical Datum of 1988 (NAVD88)
Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

DATE MM-DD-YY
DESIGN K. DE LAPP
DRAWN H. SUAREZ
CHECKED B. JOHNSON

ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
LEVEE STATIONING AND SHEET LAYOUT PLAN

SCALE 1" = 200'
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER 241-130806
SHEET CODE: G-008
PAGE NUMBER: 8 OF SHT#

FOR CONTINUATION SEE SHEET G-010

STAGING AREA, HAUL ROUTES AND BORROW SITE

SCALE: 1"=100'

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
Date of Photography: March 4, 2010
Horizontal Datum:
California Coordinate System, Zone 3
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Vertical Datum:
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Ground Control Survey by: Towill, Inc.

HDR Engineering, Inc.

DATE: MM-DD-YY
DESIGN: K. DE LAPP
DRAWN: H. SUAREZ
CHECKED: B. JOHNSON

ENGINEERING CERTIFICATION
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PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
STAGING AREA, HAUL ROUTES AND BORROW SITE

SCALE: 1" = 100'
VERIFY SCALES: 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: 241-130806
SHEET CODE: G-009
PAGE NUMBER: 9 OF SHT#

DOCUMENT NUMBER:SFC_LP-G-1028-XXXXXXX
USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-009

FOR CONTINUATION SEE SHEET G-009

STAGING AREA, HAUL ROUTES AND BORROW SITE

SCALE: 1"=100'

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
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HDR Engineering, Inc.

DATE MM-DD-YY
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DRAWN H. SUAREZ
CHECKED B. JOHNSON

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PROJECT ENGINEER DATE

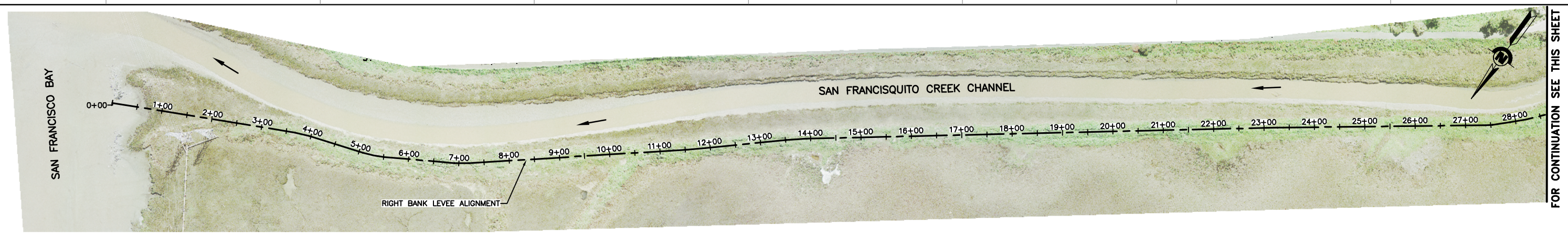
SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY
STAGING AREA, HAUL ROUTES AND BORROW SITE

SCALE 1" = 100'
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

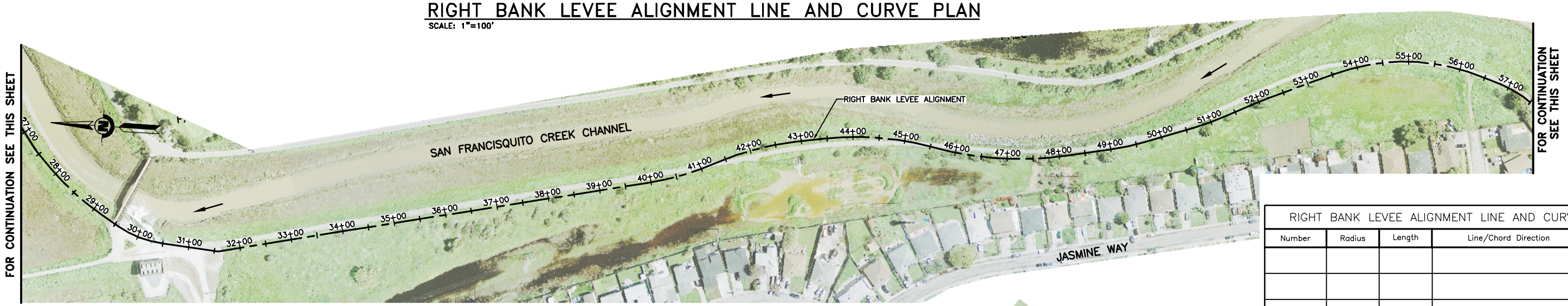
PROJECT NUMBER 241-130806
SHEET CODE: G-010
PAGE NUMBER: 10 OF SHT#

DOCUMENT NUMBER:SFC_LP-G-1028-XXXXXXX
USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-010



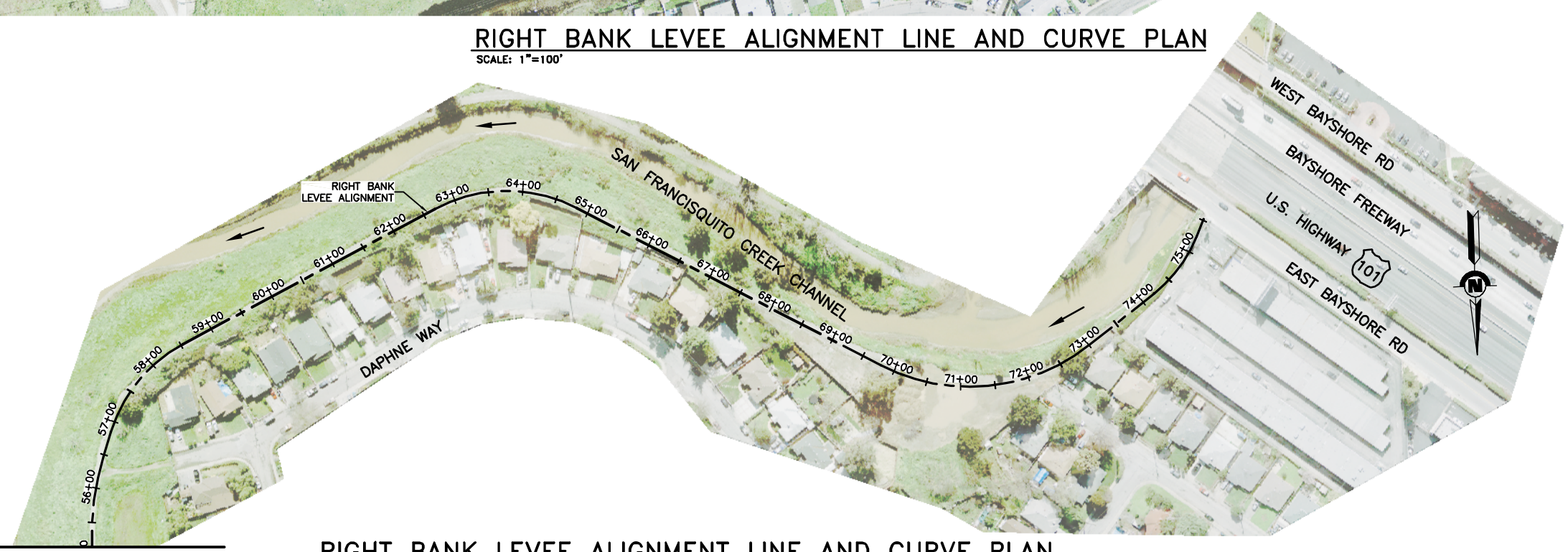
RIGHT BANK LEVEE ALIGNMENT LINE AND CURVE PLAN

SCALE: 1"=100'



RIGHT BANK LEVEE ALIGNMENT LINE AND CURVE PLAN

SCALE: 1"=100'



RIGHT BANK LEVEE ALIGNMENT LINE AND CURVE PLAN

SCALE: 1"=100'

RIGHT BANK LEVEE ALIGNMENT LINE AND CURVE TABLE				
Number	Radius	Length	Line/Chord Direction	A Value

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

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HDR Engineering, Inc.

DATE MM-DD-YY
DESIGN K. DE LAPP
DRAWN H. SUAREZ
CHECKED B. JOHNSON

ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY

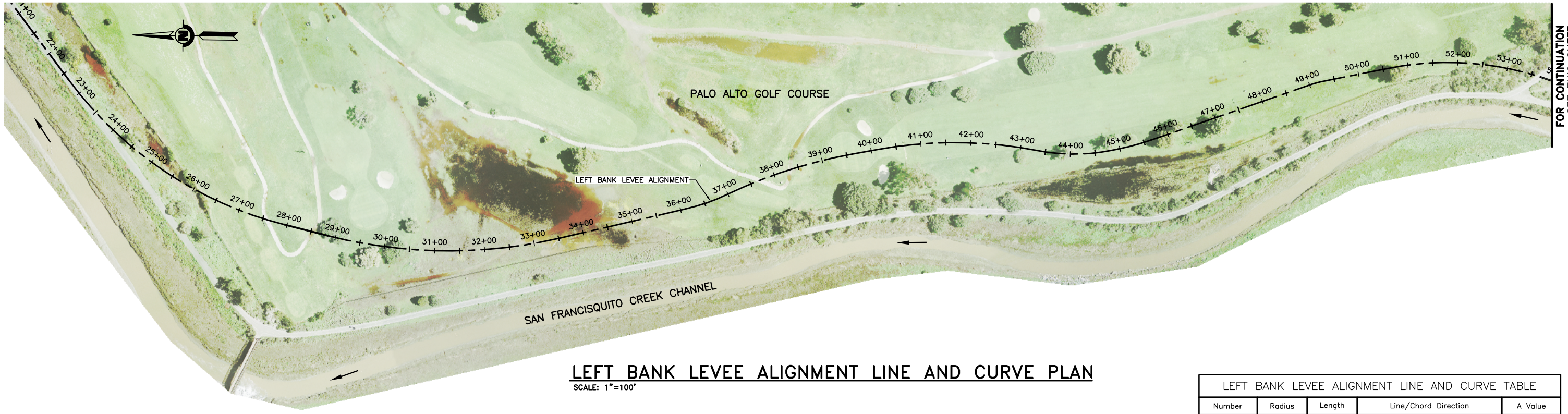
RIGHT BANK LEVEE ALIGNMENT
LINE AND CURVE PLAN

SCALE: 1" = 100'
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: 241-130806
SHEET CODE: G-011
PAGE NUMBER: 11 OF SHT#

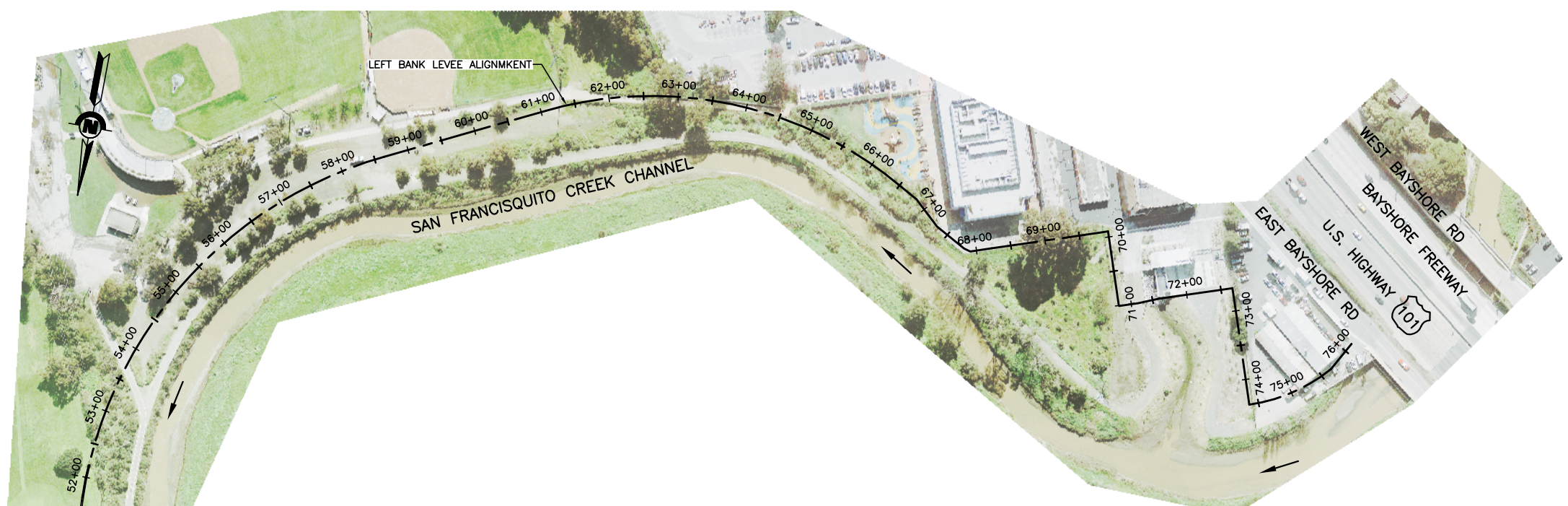
DOCUMENT NUMBER: SFC_LP-G-1028-XXXXXXX

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-011



LEFT BANK LEVEE ALIGNMENT LINE AND CURVE PLAN

SCALE: 1"=100'



LEFT BANK LEVEE ALIGNMENT LINE AND CURVE PLAN

SCALE: 1"=100'

LEFT BANK LEVEE ALIGNMENT LINE AND CURVE TABLE

Number	Radius	Length	Line/Chord Direction	A Value

REV	DESCRIPTION	DATE	APPR.
	PRELIMINARY 30% 08-03-2010		

REFERENCE INFORMATION AND NOTES
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DATE MM-DD-YY
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ENGINEERING CERTIFICATION
REGISTERED PROFESSIONAL ENGINEER KEITH F. DE LAPP No. 48214 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA
PROJECT ENGINEER DATE

SAN FRANCISQUITO CREEK JOINT POWERS AUTHORITY
ACCEPTED BY DISTRICT
PROJECT ENGINEER DATE

PROJECT NAME AND SHEET DESCRIPTION:
SAN FRANCISQUITO CREEK
FLOOD PROTECTION CAPITAL PROJECT
EAST BAYSHORE RD. TO S.F. BAY

LEFT BANK LEVEE ALIGNMENT
LINE AND CURVE PLAN

SCALE: 1" = 100'
VERIFY SCALES 0 1"
BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

PROJECT NUMBER: 241-130806
SHEET CODE: G-012
PAGE NUMBER: 12 OF SHT#

DOCUMENT NUMBER: SFC_LP-G-1028-XXXXXXX

USERNAME: BillShad Tue 08 Jul 2008 09:32am
FILENAME: C:\pwworking\sac\d0171341\G-012