From:	Marshall Torre
To:	jadams@engeo.com; SMUNGER@engeo.com; Avery.Patton@amec.com; Susan.Gallardo@amec.com; Roe, Dilan, Env. Health; linda.smith@dublin.ca.gov
Cc:	Keith Fichtner; gmiller@cbandg.com
Subject:	Dublin Golden Gate DR. Plans
Date:	Thursday, September 20, 2012 10:19:49 AM
Attachments:	image001.png Golden Gate Dr - E76 - Civil.pdf

All Hands
Attached is info from Greg Miller, CBG-the Crown Chevrolet Project civil engineer, on the City's plans to improve Golden Gate Dr. this October. The plans do include a 7' excavation at the intersection of Golden Gate Dr/St. Patrick's Way opposite the site. I pass this info on to everyone in an abundance of caution due to the existence of the PCE plume apparently emanating from off site northerly and westerly of the Crown Chevrolet site.
The City contact person is Linda Smith, Economic Development Director, 925-452-2151.
Thanks
Marshall

From: Greg Miller [gmiller@cbandg.com]
Sent: Thursday, September 20, 2012 9:33 AM
To: Marshall Torre
Subject: FW: Dublin Golden Gate Plans

Re your message about PCE……
There is almost no utility work adjacent to the Crown Site other than 50' of Storm Drain, that is about 7' deep, near the intersection with St Patrick shown on sheet 12 of the attached pdf.
Other than that it would just be grading for the new pavement section which is not shown but would be about 18"+/-.
Greg

From: Greg Miller
Sent: Thursday, September 13, 2012 3:20 PM
To: Ananthan Kanagasundaram (ananthan.kanagasundaram@dublin.ca.gov)
Cc: marshalltorre@thekingsmillgroup.com; Ryan Hansen
Subject: FW: Dublin Golden Gate Plans

Ananthan
I understand the construction of the Golden Gate Improvements is to start soon.
The Plans Frank sent last Spring showed reconstruction of the easterly curb and gutter and new sidewalk.
He told me that with the Crown project moving forward the City's construction would stop at the median curb and the easterly frontage would be improved with the Crown project.
Please confirm that is the case and send me an updated copy of the Plans that reflect that.
Greg

From: Frank Navarro [mailto:Frank.Navarro@dublin.ca.gov]
Sent: Tuesday, April 24, 2012 6:12 PM
To: Greg Miller
Subject: FW: Dublin Golden Gate Plans

Just a little background – we showed some long-term 'interim' improvements along the east side Golden Gate frontage in the event that the Crown project did not move forward. We wanted to have them included with the Caltrans E-76 package, just in case. The ultimate widths and locations of frontage improvements along the Crown frontage are still to be determined.

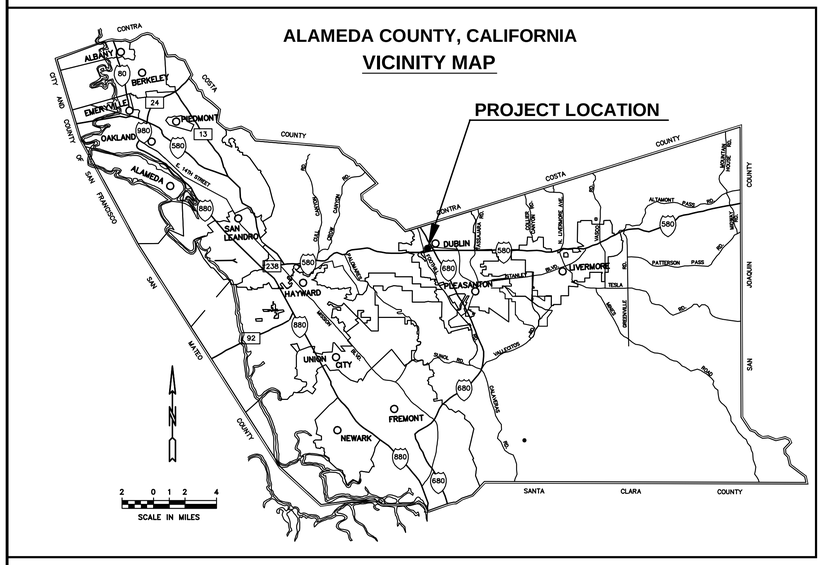
From: Frank Navarro
Sent: Tuesday, April 24, 2012 6:04 PM
To: Greg Miller (gmiller@cbandg.com)
Subject: Dublin Golden Gate Plans

Greg –

Here are the (not so) preliminary plans. Once you've had a chance to look at this, let's set something up. My e-mail to Jason has some additional detail, I'm sure he will be forwarding it to you.

Frank

Frank Navarro, PE, QSD/P
Senior Civil Engineer
City of Dublin | 100 Civic Plaza | Dublin, CA 94568
(925) 833-6630 | (925) 829-9248 FAX
frank.navarro@dublin.ca.gov | www.dublin.ca.gov
Mission Statement: *The City of Dublin promotes and supports a high quality of life which ensures a safe and secure environment that fosters new opportunities.*



CITY OF DUBLIN
PUBLIC WORKS & ENGINEERING

GOLDEN GATE DRIVE
STREETSCAPE ENHANCEMENT PROJECT

(FROM DUBLIN BLVD TO THE WEST DUBLIN/PLEASANTON BART STATION

DUBLIN, CALIFORNIA

JANUARY 2012

FEDERAL AID PROJECT ID: CML - 5432 (015)

INDEX OF SHEETS

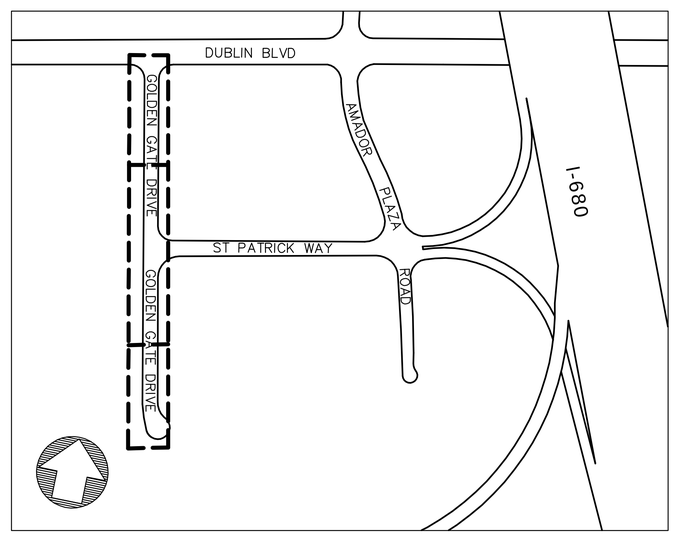
SHT. NO.	SHT. REF	DESCRIPTION
1	T-1	TITLE SHEET
2	PO-1	POLLUTION PREVENTION SHEET
3	GN-1	GENERAL NOTES & ABBREVIATIONS
4	XS-1	TYPICAL STREET SECTIONS
5	XS-2	CROSS SECTIONS
6	DL-1	DEMOLITION & LAYOUT PLAN
7	DL-2	DEMOLITION & LAYOUT PLAN
8	DL-3	DEMOLITION & LAYOUT PLAN
9	PA-1	PAVING PLAN
10	PA-2	PAVING PLAN
11	PP-1	IMPROVEMENT PLAN AND PROFILE
12	PP-2	IMPROVEMENT PLAN AND PROFILE
13	EL-1	ELECTRICAL PLAN
14	EL-2	ELECTRICAL PLAN
15	EL-3	ELECTRICAL DETAILS
16	SI-1	SIGNING & STRIPING PLAN
17	SI-2	SIGNING & STRIPING PLAN
18	DT-1	CONSTRUCTION DETAILS
19	DT-2	CONSTRUCTION DETAILS
20	DT-3	CONSTRUCTION DETAILS
21	EC-1	EROSION CONTROL PLAN
22	EC-2	EROSION CONTROL PLAN
23	I-1	IRRIGATION PLAN
24	I-2	IRRIGATION NOTES & WATER USE CALCULATIONS
25	I-3	IRRIGATION DETAILS
26	I-4	IRRIGATION DETAILS
27	L-1	PLANTING PLAN
28	L-2	LANDSCAPE DETAILS

CITY OF DUBLIN STANDARD PLANS

CD-412	CD-702	CD-801
CD-401	CD-703	

CALTRANS STANDARD PLANS MAY 2006

A20A	ES1A	ES5A	ES8
A24D	ES1B	ES5B	
A24E	ES1C	ES6A	



LOCATION AND KEY MAP
NO SCALE

GARY HUISINGH, P.E.
PUBLIC WORKS DIRECTOR
CIVIL ENGINEER CERTIFICATE NO. C54222

PLAN APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHAFER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

BKF ENGINEERS / SURVEYORS / PLANNERS
4670 WILLOW RD., SUITE 250
PLEASANTON, CA 94588
925/398-7700 (TEL)
925/398-7799 (FAX)

GOLDEN GATE DRIVE STREET IMPROVEMENTS
TITLE SHEET
STREET IMPROVEMENT PLANS
CITY OF DUBLIN ALAMEDA COUNTY CALIFORNIA

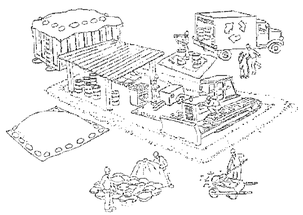
Revisions
No.

Date: 01/27/12
Scale: AS SHOWN
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

Drawing Number:
T-1

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\01_TS.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr

Pollution Prevention - It's Part of the Plan



Make sure your crews and subs do the job right!

Runoff from streets and other paved areas is a major source of pollution and damage to creeks and the San Francisco Bay. Construction activities can directly affect the health of creeks and the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines and the project specifications will ensure your compliance with County of Alameda requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- Sand, dirt, and similar materials must be stored at least 10 feet (3 meters) from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- Use (but don't overuse) reclaimed water for dust control as needed.
- Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water!
- Recycle all asphalt, concrete, and aggregate base material from demolition activities. Comply with Alameda County Ordinances for recycling construction materials, wood, gyp board, pipe, etc.
- Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state, and federal regulations.
- Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- Report any hazardous materials spills immediately! Dial 911 or Alameda County Public Works Agency dispatch at (510) 670-5500

Vehicle and equipment maintenance & cleaning

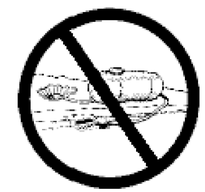
- Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.

Earthwork & contaminated soils

- Keep excavated soil on the site where it is least likely to collect in the street.
- Transfer to dump trucks should take place on the site, not in the street.
- Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site.

- Earth moving activities are only allowed during dry weather by permit and as approved by the County Inspector in the Field.
- Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.
- If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call the Engineer for help in determining what should be done, and manage disposal of cntaminated soil according to their instructions.

Dewatering operations

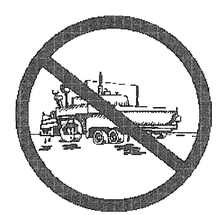


- Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- Be sure to notify and obtain approval from the Engineer before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the Engineer to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.

Saw cutting

- Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work



- Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockfile, or dispose of it as trash.
- Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.

- Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.

Painting

- Never rinse paint brushes or materials in a gutter or street!
- Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- Paint out excess oil-based paint before cleaning brushes in thinner.
- Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.

Bay Area Stormwater Management Agencies Association (BASMAA)
www.basmaa.org

Storm drain polluters may be liable for fines of $10,000 or more per day!

For references and more detailed information:
www.cleanwaterprogram.org
www.cabmphandbooks.com

REGISTERED PROFESSIONAL ENGINEER
DANIEL C. SCHAEFER
No. 51158
CIVIL
STATE OF CALIFORNIA

E-76 SUBMITTAL

BKF ENGINEERS / SURVEYORS / PLANNERS
4670 WILLOW RD., SUITE 250
PLEASANTON, CA 94588
925/396-7700 (TEL)
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GOLDEN GATE DRIVE STREET IMPROVEMENTS
POLLUTION PREVENTION SHEET
STREET IMPROVEMENT PLANS
CITY OF DUBLIN ALAMEDA COUNTY CALIFORNIA

Revisions | No.

Date: 01/27/12
Scale:
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

Drawing Number:
PO-1

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\02_PO.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr

NOTES:

1. ALL WORK IS TO BE DONE UNDER THE DIRECTION OF THE ENGINEER.
2. THE MOST CURRENT CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS AND THE SUBSEQUENT ERRATA ARE PART OF THESE PLANS.
3. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORK HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE ENGINEER DO NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
4. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGE TO EXISTING STRUCTURES AND/OR UTILITIES DURING CONSTRUCTION. PROPER REPAIR SHALL BE DONE TO THE SATISFACTION OF THE ENGINEER AND THE RESPECTIVE UTILITY COMPANY.
5. ALL PIPELINES AND OTHER UNDERGROUND FACILITIES MAY NOT BE SHOWN. EXISTING UNDERGROUND FACILITIES AS SHOWN ARE APPROXIMATE ONLY AND WERE OBTAINED FROM AVAILABLE UTILITY RECORDS. HOWEVER, THE COUNTY ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OR COMPLETENESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITIES AND TO HAVE ALL FACILITIES LOCATED IN THE FIELD PRIOR TO THE START OF ANY CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 1-800-642-2444 AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION.
6. DUST CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHALL BE FOLLOWED AT ALL TIMES DURING CONSTRUCTION OPERATIONS.
7. EROSION CONTROL SHALL BE PERFORMED ON ALL DISTURBED AREAS.
8. TREES DESIGNATED ON THE PLANS ARE TO BE REMOVED UNLESS DIRECTED OTHERWISE IN WRITING BY THE ENGINEER.
9. ALL ELEVATIONS SHOWN ARE FINISHED ELEVATIONS UNLESS STATED OTHERWISE.
10. THE CONTRACTOR SHALL NOT PERFORM WORK OUTSIDE THE RIGHT OF WAY UNLESS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.
11. SEE SPECIFICATIONS FOR DETAILS NOT SHOWN HEREIN.
12. ALL POLES, VALVES, BOXES WITHIN THE PROJECT AREA WILL BE REMOVED, RELOCATED, OR ADJUSTED TO GRADE OF NEW IMPROVEMENTS AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
13. PG&E SHALL NOT INSTALL POLES OR ANCHORS NOT SHOWN ON THE PLANS WITHOUT APPROVAL BY THE COUNTY OR THE ENGINEER.

BASIS OF BEARING:
BEARINGS "NORTH 83°37'07" EAST" BETWEEN FOUND B.A.R.T.D. MONUMENT NO. 36 AND B.A.R.T.D. MONUMENT NO. 38 AS SAID MONUMENTS ARE DESCRIBED ON THE B.A.R.T.D. MONUMENT RECORDS, CALIFORNIA COORDINATE SYSTEM, WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY.

BENCHMARKS:
MONUMENT NO. 38 IS A 3-3/8" ALUMINUM DISK STAMPED BART CONTROL NO. 38, SET IN THE CONCRETE WALK AT THE NORTHEASTERLY CORNER OF THE SAN RAMON BLVD/FOOTHILL BLVD OVERPASS OVER HIGHWAY 580 IN DUBLIN. MONUMENT NO. 38 IS SET 1.50' BACK FROM THE FACE OF WALK, 0.70' ABOVE ROADWAY, 3.38' FROM THE BASE OF WALL AND 13.2' FROM CORNER OF THE CHAINLINK FENCE ON WALL. ELEVATION = 392.790 FEET (B.A.R.T.D. 1990)

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
AP	ANGLE POINT
BVCE	BEGINNING OF VERTICAL CURVE ELEVATION
BVCS	BEGINNING OF VERTICAL CURVE STATION
BW	BACK OF SIDEWALK
C&G	CURB AND GUTTER
CB	CATCH BASIN
CL or C/L	CENTER LINE
CLF	CHAIN LINK FENCE
CO	CLEANOUT
CONC	CONCRETE
CR	CURB RETURN
DET or DT	DETAIL
DI	DRAIN INLET
DIA	DIAMETER
DW or DWY	DRIVE WAY
DWG	DRAWING
E	ELECTRIC
EBMUD	EAST BAY MUNICIPAL UTILITY DISTRICT
EGL	EXISTING GRADE AT CENTERLINE
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EVCE	END OF VERTICAL CURVE ELEVATION
EVCS	END OF VERTICAL CURVE STATION
EX or (E)	EXISTING
EG	EXISTING GROUND
FC or F/C	FACE OF CURB
FG	FINISHED GROUND
FL	FLOW LINE
FS	FINISH SURFACE
FT or '	FOOT/FEET
G	GAS LINE
GM	GAS METER
GSLI	GAS LINE
GV	GAS VALVE
HORIZ.	HORIZONTAL
IMP	IMPROVEMENTS
IN or "	INCH/INCHES
INV	INVERT GRADE ELEVATION
LF	LINEAR FEET
LG	LIP OF GUTTER
LT	LEFT
LVC	LENGTH OF VERTICAL CURVE
MAX	MAXIMUM
MIN	MINIMUM
MH	MANHOLE
MON	MONUMENT
(N)	NEW
NO.	NUMBER
NTS	NOT TO SCALE
PCC	PORTLAND CEMENT CONCRETE
PED	PEDESTRIAN
PG&E	PACIFIC GAS & ELECTRIC CO.
PGL	PROPOSED GRADE AT CENTERLINE
PR	PROPOSED
PVMT	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RT	RIGHT
R/W or ROW	RIGHT-OF-WAY
RIM	RIM ELEVATION
S	SLOPE
SD	STORM DRAIN
SDCB	STORM DRAIN CATCH BASIN
SDMH	STORM DRAIN MANHOLE
SHT	SHEET
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
S/W	SIDEWALK
STA	STATION
STD	STANDARD
T	TELEPHONE
TC	TOP OF CURB
TC-E	EAST TOP OF CURB
TC-W	WEST TOP OF CURB
TYP	TYPICAL
W or WT	WATER
WM	WATER METER
WV	WATER VALVE

EXISTING CONDITIONS LEGEND

10+00 11+00	STATION LINE
	RIGHT OF WAY LINE
W	UNDERGROUND WATER LINE
G	UNDERGROUND GAS LINE
SS	UNDERGROUND SANITARY SEWER LINE
SD	UNDERGROUND STORMDRAIN LINE
x x x	FENCE LINE
	EDGE OF PAVEMENT
	SINGLE CURB
	CURB AND GUTTER
	TRAFFIC STRIPING
	EXISTING STREET MONUMENT
	FIRE HYDRANT
WM	WATER METER
WV	WATER VALVE
GM	GAS METER
GV	GAS VALVE
S	SANITARY SEWER MANHOLE
D	STORM DRAIN MANHOLE
DDI	STORM DRAIN DROP INLET
or	STREET SIGN
	SIGN
	HANDICAP RAMP
	ELECTROLIER
E	ELECTRIC BOX
E	ELECTRIC MANHOLE
	GUY POLE
JP	JOINT POLE
TP	TELEPHONE POLE
PP	POWER POLE
(TYP)	TYPICAL
CONC	CONCRETE
AC	ASPHALT CONCRETE
S/W	SIDEWALK
D/W or DW	DRIVEWAY
or or	TREE
	SHRUBBERY

IMPROVEMENTS LEGEND

	CLASS III RCP STORM DRAIN PIPE, UNLESS OTHERWISE NOTED - SIZE AS SHOWN ON PLAN AND PROFILE SHEETS.
	DROP INLET WITH TAPER
	ACCESSIBLE CURB RAMP X X X X
	ASPHALT CONCRETE PAVEMENT X X
	PCC SIDEWALK PAVEMENT X X
	TEXTURED ASPHALT CROSSWALK PAVING X X
	PCC SIDEWALK, CURB GUTTER AND DRIVEWAY

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHAEFER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
GENERAL NOTES, ABBREVIATIONS, & LEGEND
STREET IMPROVEMENT PLANS

CITY OF DUBLIN
ALAMEDA COUNTY
CALIFORNIA

Revisions

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Date: 01/27/12
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DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\03_GN.dwg
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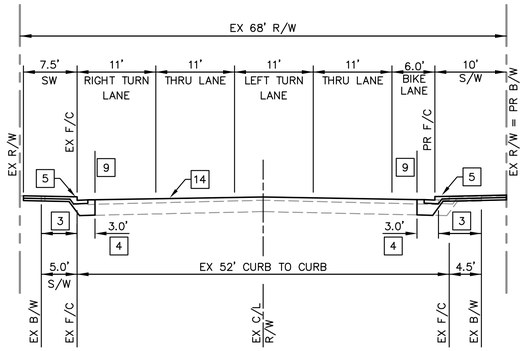
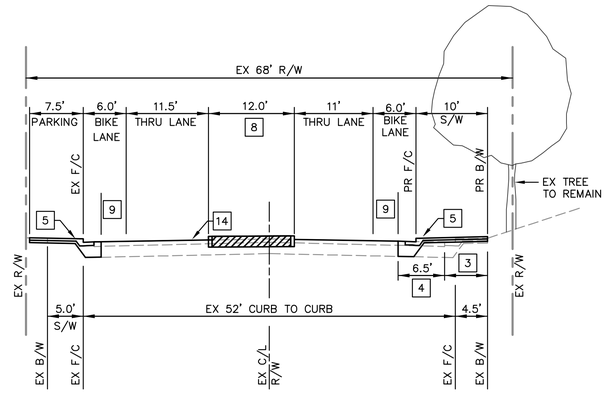
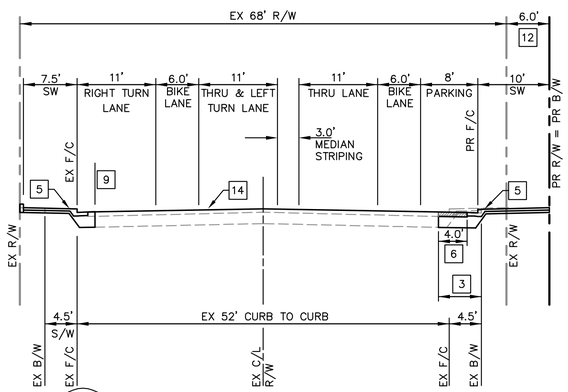


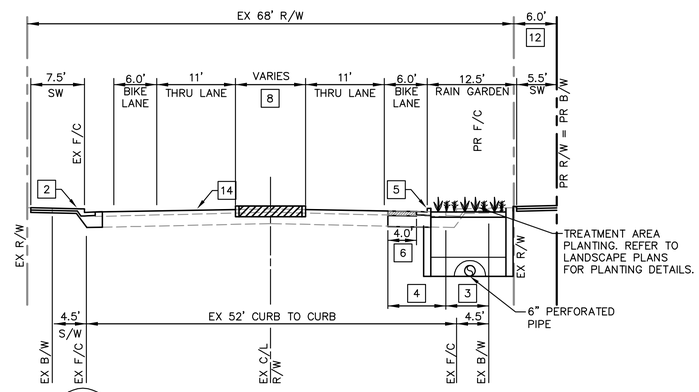
A GOLDEN GATE DRIVE (STA. 10+85 to STA. 12+50)
NTS



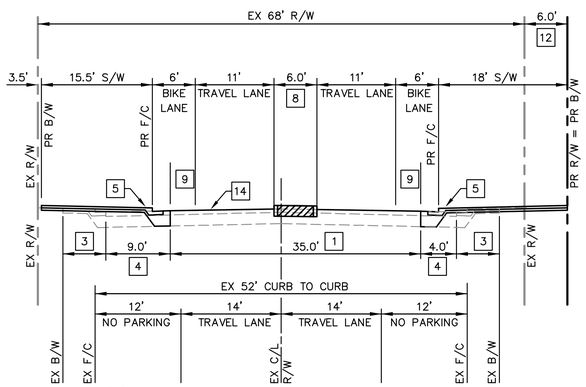
B GOLDEN GATE DRIVE (STA. 13+50 to STA. 14+50)
NTS



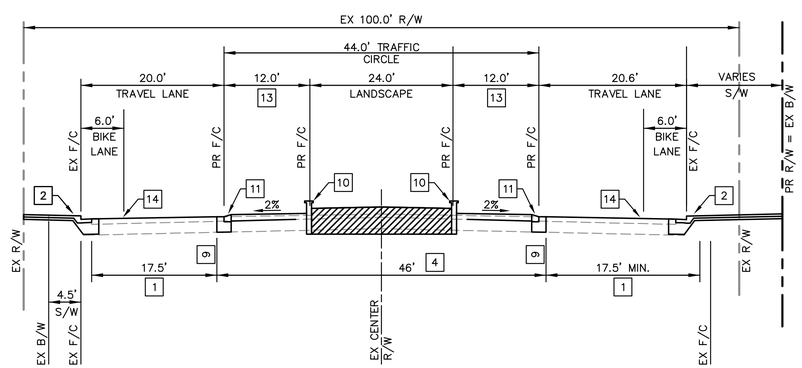
C GOLDEN GATE DRIVE (STA. 17+30 to STA. 17+95)
NTS



D GOLDEN GATE DRIVE (STA. 17+95 to STA. 19+85)
NTS



E GOLDEN GATE DRIVE (STA. 21+00 to STA. 21+15)
NTS



F GOLDEN GATE DRIVE (Traffic Circle)
NTS

ABBREVIATIONS

SYMBOL	DESCRIPTION
B/W	BACK OF WALK
CB	CATCH BASIN
C&G	CURB & GUTTER
EC	END OF CURVE
EX	EXISTING
F/C	FACE OF CURB
INV	INVERT
LF	LINEAR FEET
MIN.	MINIMUM
NTS	NOT TO SCALE
PR	PROPOSED
R/W	RIGHT OF WAY
SS	SANITARY SEWER
SSCO	SANITARY SEWER CLEANOUT
SSE	SANITARY SEWER EASEMENT
SSFM	SANITARY SEWER FORCE MAIN
SSMH	SANITARY SEWER MANHOLE
TYP	TYPICAL
TW	TOP OF WALL

TYPICAL SECTION KEY SYMBOL

1. EXISTING AC PAVEMENT TO REMAIN
2. EXISTING CURB & GUTTER AND SIDEWALK TO REMAIN
3. EXISTING CURB & GUTTER AND SIDEWALK TO BE REMOVED
4. EXISTING AC PAVEMENT TO BE REMOVED
5. PROPOSED PCC MONOLITHIC SIDEWALK, CURB AND GUTTER
6. PROPOSED AC PAVEMENT
7. PROPOSED PAINTED MEDIAN ISLAND
8. PROPOSED MEDIAN ISLAND LANDSCAPE
9. SAWCUT LINE, 1 FT MIN. FROM PROPOSED LIP OF GUTTER OR FACE OF CURB
10. PROPOSED MEDIAN CURB/18" LANDSCAPE WALL AND CAP
11. PROPOSED MOUNTABLE CURB
12. RIGHT-OF-WAY DEDICATION
13. DECORATIVE CONCRETE PAVING
14. PAVEMENT OVERLAY

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
TYPICAL STREET SECTIONS
STREET IMPROVEMENT PLANS
CITY OF DUBLIN
ALAMEDA COUNTY
CALIFORNIA

Revisions

No.	

Date: 01/27/12
Scale:
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

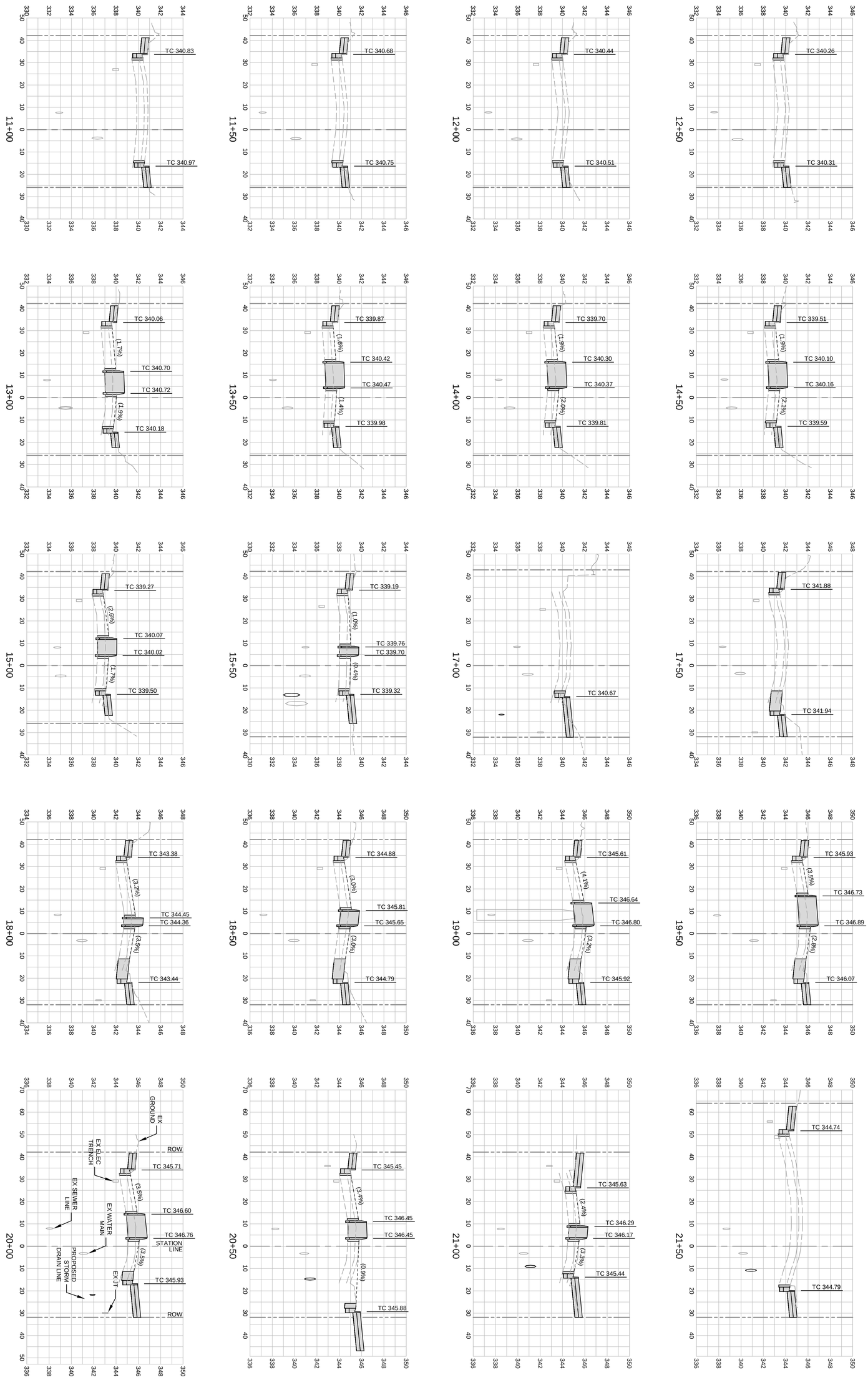
REGISTERED PROFESSIONAL ENGINEER
DANIEL G. SCHAEFER
No. 51158
CIVIL
STATE OF CALIFORNIA

E-76 SUBMITTAL

Drawing Number:
XS-1

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\04_TXS.dwg
PLOT DATE: 01-31-12
PLOTTED BY: sobr

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\05_XS.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



SCALE:
HORZ: 1" = 20'
VERT: 1" = 4'

NOTES:
1. CROSS SECTIONS NOT SHOWN AT INTERSECTIONS.

REGISTERED PROFESSIONAL ENGINEER
DANIEL F. SCHANDALD
No. 51158
CIVIL
STATE OF CALIFORNIA

E-76 SUBMITTAL

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Scale:			
Design: EG			
Drawn: MV			
Approved: EG			
Job No: 20107136			

Drawing Number: XS-2

5 OF 28

GOLDEN GATE DRIVE STREET IMPROVEMENTS
CROSS SECTIONS
STREET IMPROVEMENT PLANS

CITY OF DUBLIN ALAMEDA COUNTY CALIFORNIA

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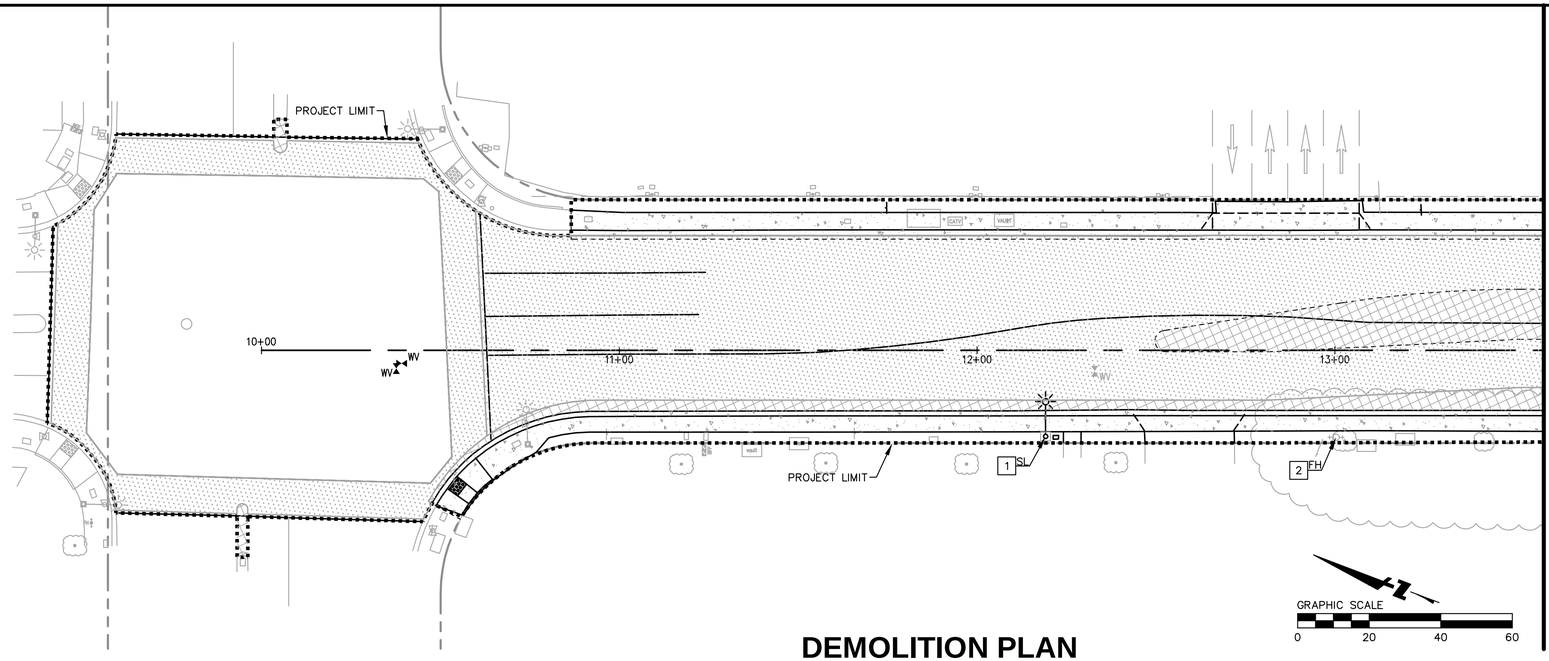


DEMOLITION PLAN

DEMOLITION LEGEND:

- PROJECT LIMITS
- EXISTING PAVEMENT GRIND AREA (SEE LAYOUT PLAN)
- AC REMOVAL
- CONC REMOVAL

DEMOLITION KEY SYMBOL:

1. EXISTING UTILITY TO BE REMOVED
2. EXISTING UTILITY TO BE RELOCATED. SEE LAYOUT PLAN FOR NEW LOCATION.

DEMOLITION NOTES:

1. WITHIN LIMIT OF PAVEMENT REMOVAL, REMOVE ALL ASPHALT, CONCRETE, AND AGGREGATE BASE. EXCAVATE TO SUBGRADE DEPTH FOR NEW ASPHALT OR CONCRETE SECTIONS.
2. EXISTING TREES SHOWN FOR COORDINATION PURPOSES ONLY. SEE LANDSCAPE PLANS FOR ALL TREE PROTECTION AND/OR REMOVAL INFORMATION.
3. ALL EXISTING UTILITIES ARE TO REMAIN AND SHALL BE ADJUSTED TO GRADE UNLESS OTHERWISE NOTED ON PLANS.

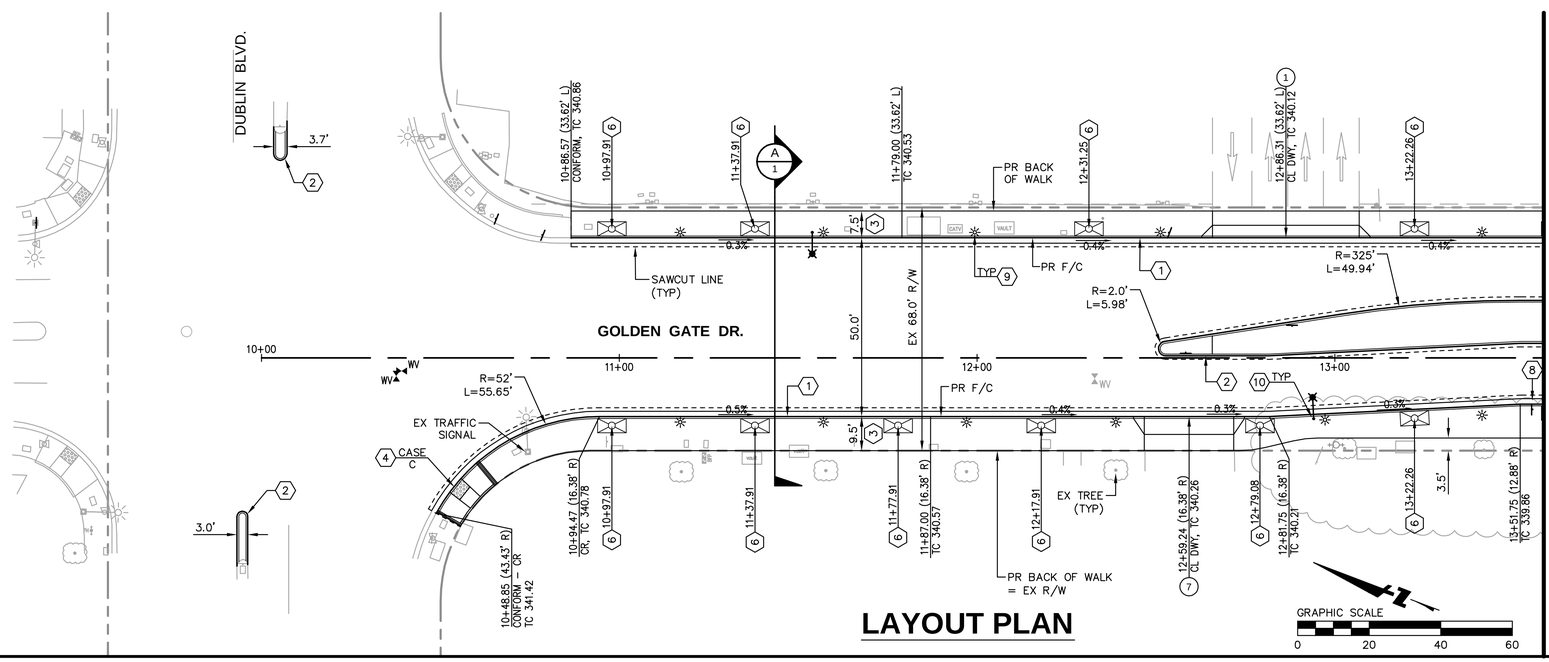
LAYOUT KEY SYMBOL:

1. CURB AND GUTTER PER CITY STD DETAIL CD-300
2. VERTICAL MEDIAN CURB PER CITY STD DETAIL CD-301
3. SIDEWALK PER CITY STD DETAIL CD-302
4. CURB RAMP PER CALTRANS STD PLAN A88A
5. RETAINING CURB PER DETAIL 2/DT-1
6. 4'x8' TREE PLANTER W/ GRATE, SEE LANDSCAPE PLANS
7. CURB TRANSITION PER DETAIL 3/DT-1
8. WAY FINDING SIGN
9. PEDESTRIAN LIGHT, SEE ELECTRICAL PLANS
10. STREET LIGHT, SEE ELECTRICAL PLANS
11. RAIN GARDEN PER DETAIL 7/DT-1
12. BENCH, SEE LANDSCAPE PLANS
13. TRASH RECEPTACLE, SEE LANDSCAPE PLANS

(#) DRIVEWAY NUMBER. SEE DETAIL 4/DT-2 FOR DETAILS OF DRIVEWAY APPROACH, PAY LIMITS, AND CONFORM.

LAYOUT NOTES:

1. OFFSETS AND DIMENSIONS OF STREET AND SIDEWALK ARE TO FACE OF CURB UNLESS OTHERWISE NOTED ON PLAN.
2. FOR TYPICAL STREET SECTIONS AND PAVEMENT STRUCTURAL SECTIONS, SEE SHT XS-1.
3. FOR SIGNING AND STRIPING SEE SHTS. SI-1 THRU SI-2.
4. LIGHT POLE DISTANCE FROM CURB PER CITY STD DETAIL CD-800
5. AT DRIVEWAYS, TC ELEVATIONS REPRESENT THEORETIC TC ELEVATIONS, 6" ABOVE THE FLOWLINE



LAYOUT PLAN

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
DEMOLITION & LAYOUT PLAN
STREET IMPROVEMENT PLANS

CITY OF DUBLIN
ALAMEDA COUNTY
CALIFORNIA

Revisions

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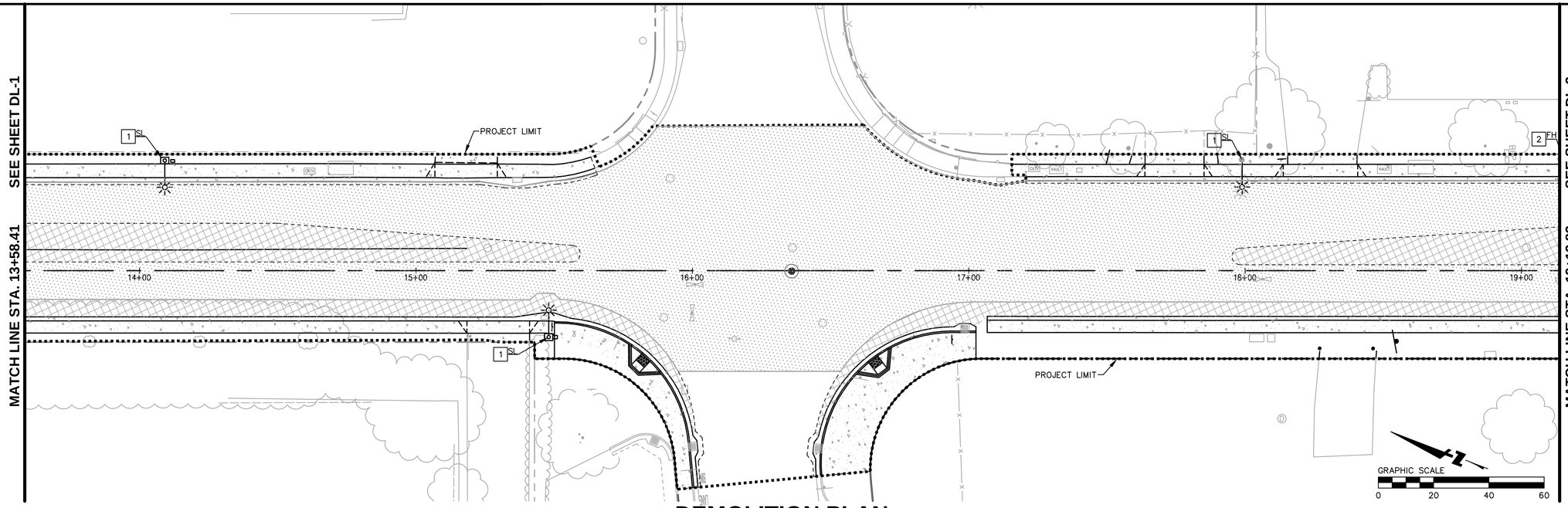
Approved: EG
Job No: 20107136

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHAEFER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

Drawing Number:
DL-1
6 OF 28

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\06-08_DL.dwg
PLOT DATE: 01-31-12
PLOTTED BY: sobr



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13. TRASH RECEPTACLE, SEE LANDSCAPE PLANS

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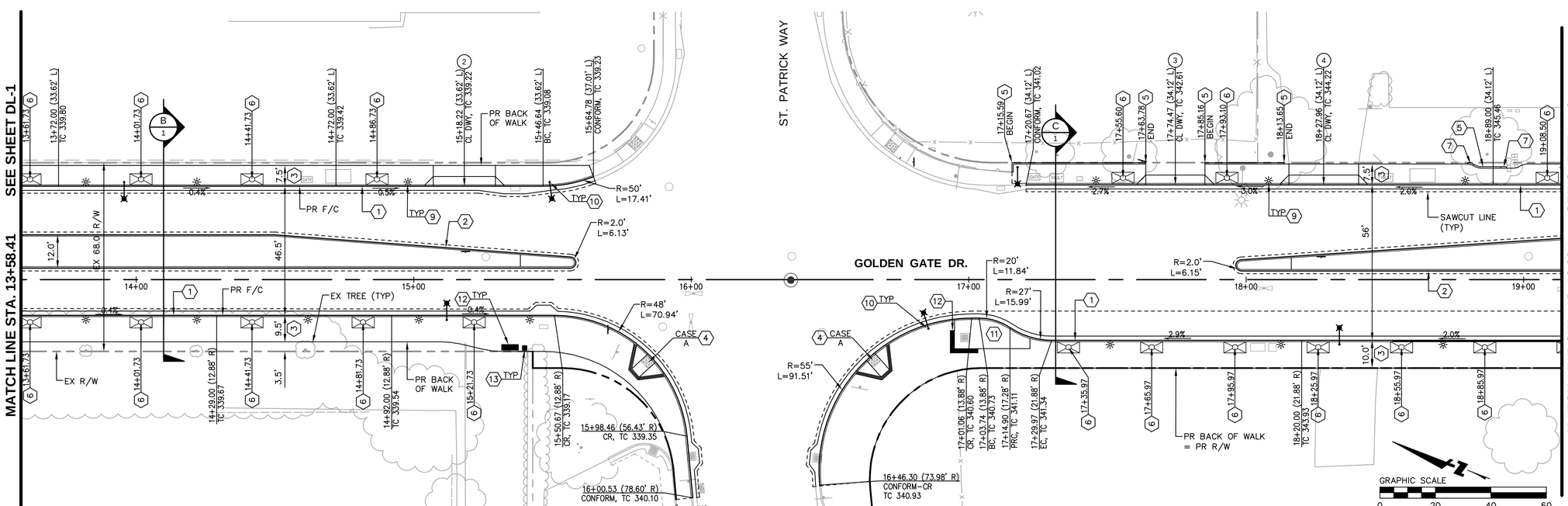

LAYOUT PLAN

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
DEMOLITION & LAYOUT PLAN
STREET IMPROVEMENT PLANS
ALAMEDA COUNTY
CITY OF DUBLIN
CALIFORNIA

Revisions

No.	

Date: 01/27/12
Scale: AS SHOWN
Design: EG
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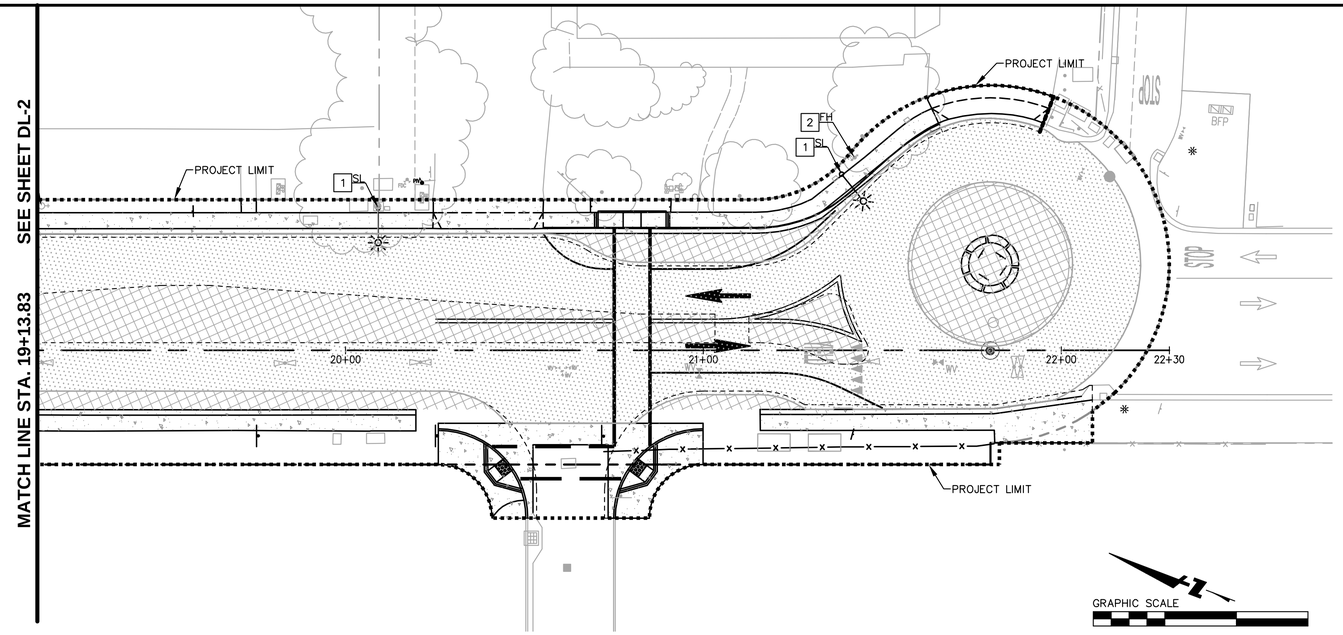
Approved: EG
Job No: 201071.36

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHACKER No. 51158 CIVIL STATE OF CALIFORNIA

Drawing Number:
DL-2
7 OF 28

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\06-08_DL.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



DEMOLITION PLAN

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- EXISTING PAVEMENT GRIND AREA (SEE LAYOUT PLAN)
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- CONC REMOVAL

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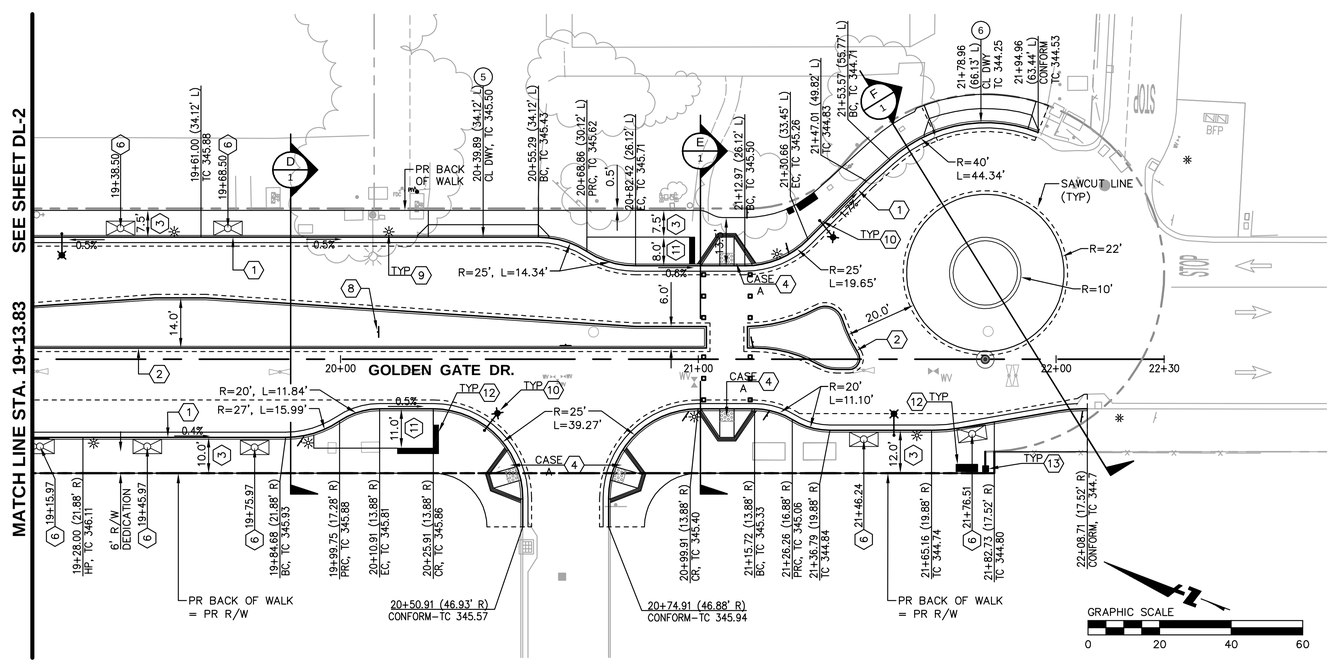

LAYOUT PLAN

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DEMOLITION & LAYOUT PLAN
STREET IMPROVEMENT PLANS
ALAMEDA COUNTY
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CALIFORNIA

Revisions

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REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHACKER No. 51158 CIVIL STATE OF CALIFORNIA

Drawing Number:
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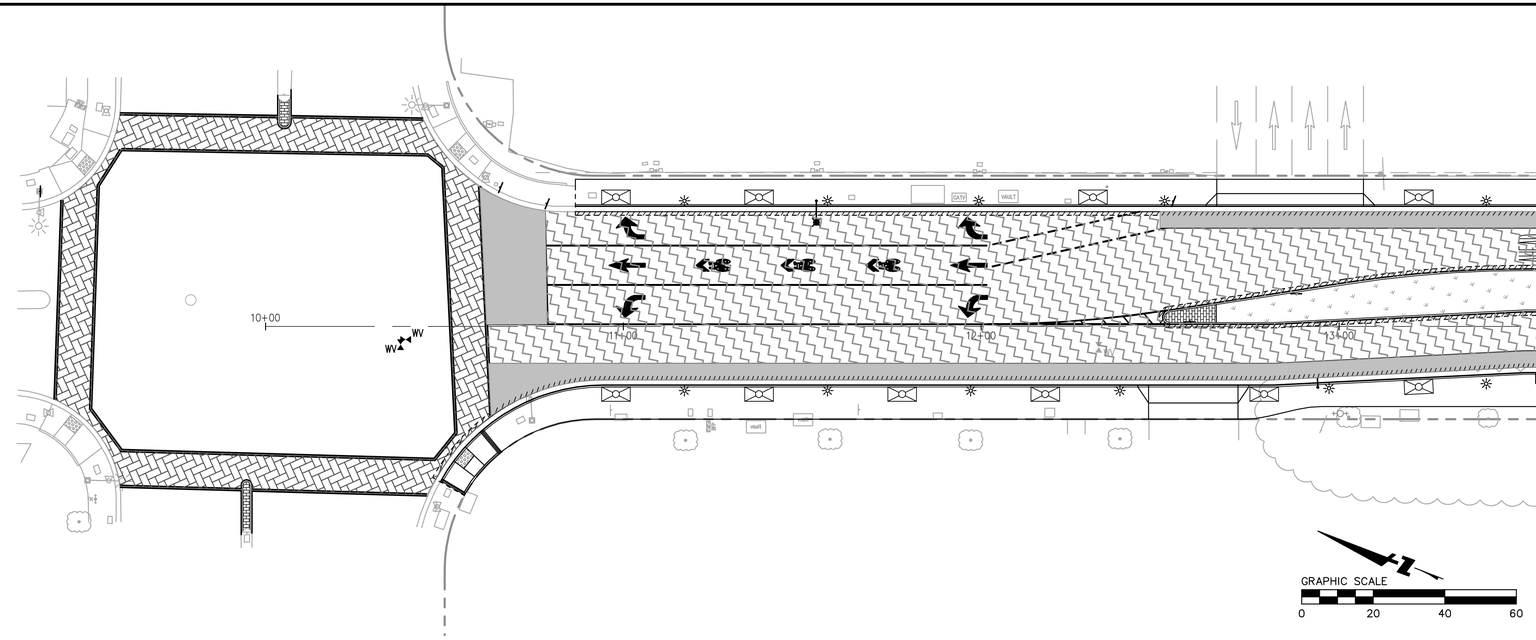
DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\06-08_DL.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr

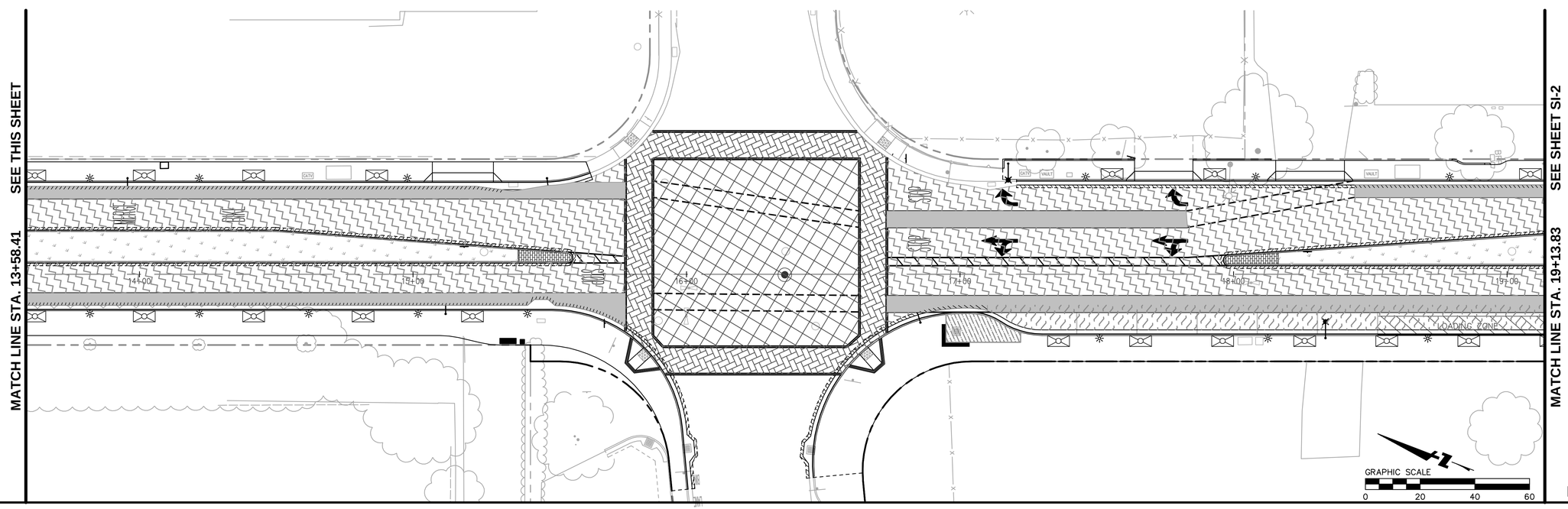


PAVING LEGEND:

- DECORATIVE STAMPED ASPHALT– CROSSWALK
- DECORATIVE STAMPED ASPHALT– INTERSECTION
- GREEN COLORED PAVEMENT
- AC OVERLAY
- DECORATIVE CONCRETE
- LANDSCAPING
- DECORATIVE CONCRETE– MEDIAN
- RAIN GARDEN AREA
- NEW AC PAVEMENT
- AC PLUG PER DETAIL 4/DT–1

PAVING NOTES:

1. FOR STREETSCAPE LAYOUT SEE SHTS LA–1 THRU LA–3
2. FOR TYPICAL STREET SECTIONS AND PAVEMENT STRUCTURAL SECTIONS, SEE SHT XS–1.
3. FOR SIGNING AND STRIPING SEE SHTS. SI–1 THRU SI–2.



REGISTERED PROFESSIONAL ENGINEER
DANIEL C. SCHAEFER
No. 51158
CIVIL
STATE OF CALIFORNIA

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
PAVING PLAN
STREET IMPROVEMENT PLANS

ALAMEDA COUNTY
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Revisions

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PA–1

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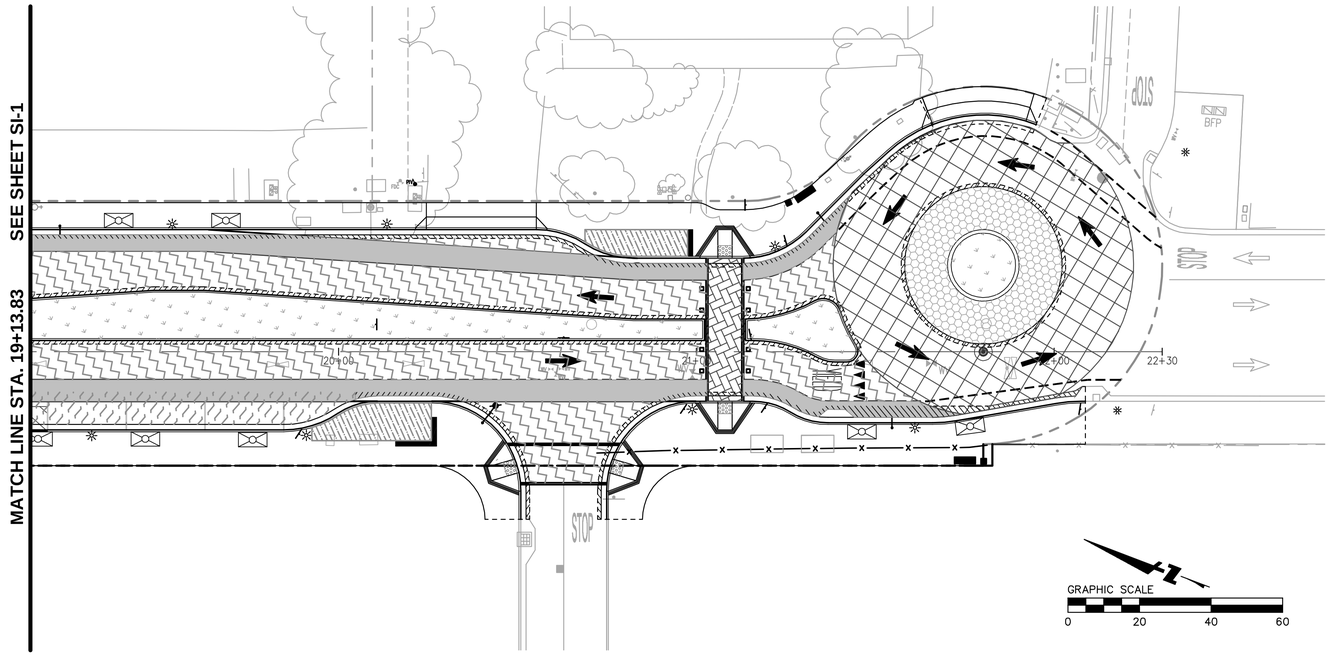
PLOT DATE: 01-31-12 PLOTTED BY: sobr



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- GREEN COLORED PAVEMENT
- AC OVERLAY
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- LANDSCAPING
- DECORATIVE CONCRETE– MEDIAN
- RAIN GARDEN AREA
- NEW AC PAVEMENT
- AC PLUG PER DETAIL 4/DT–1

PAVING NOTES:

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4670 WILLOW RD., SUITE 250
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ALAMEDA COUNTY
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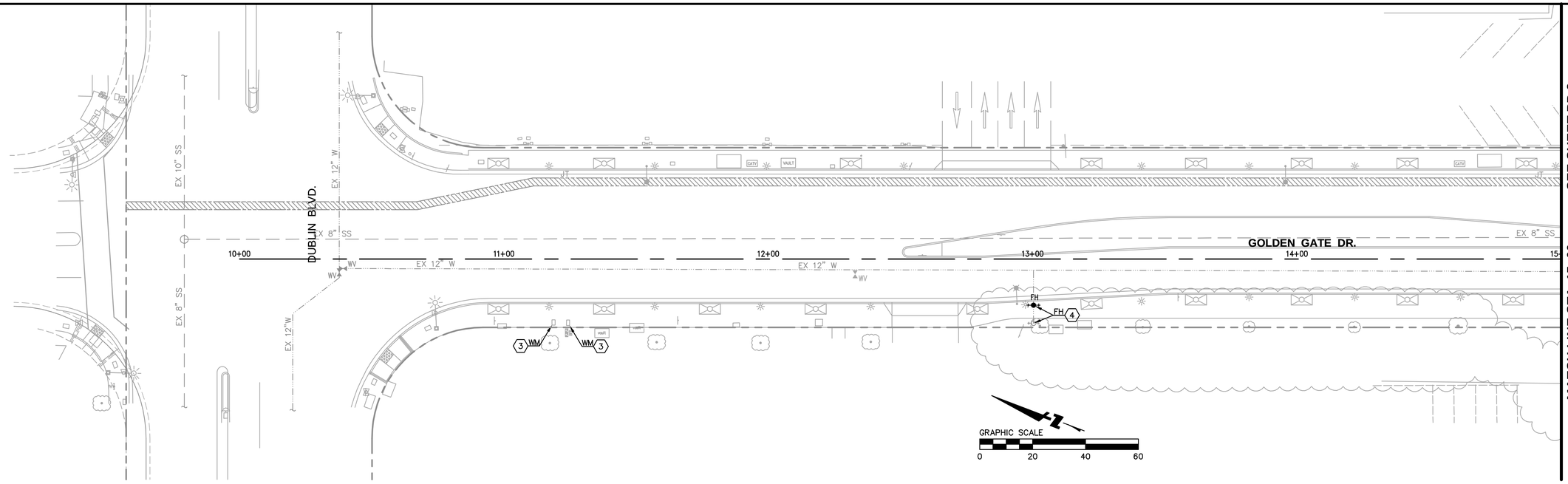

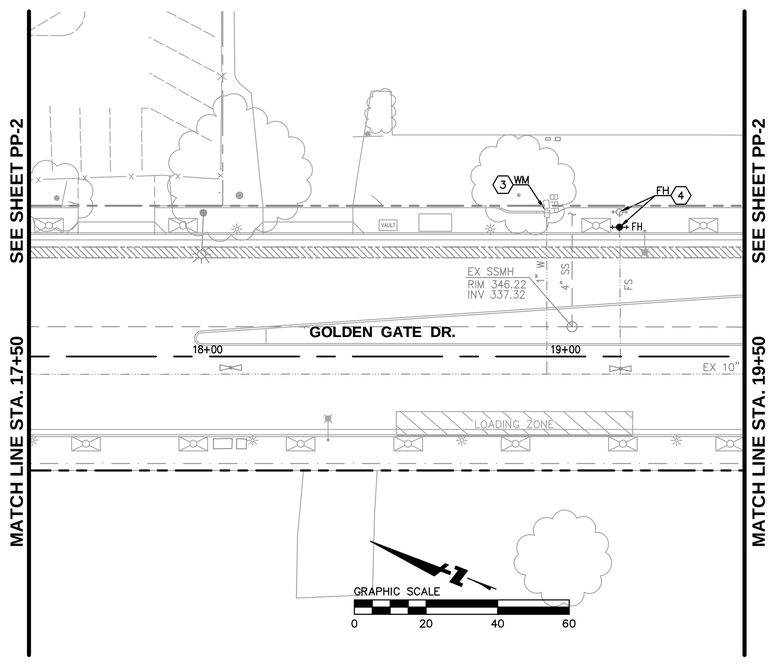

UTILITY KEYNOTES:

1. EXISTING UTILITY TO REMAIN
2. CONNECT TO EXISTING
3. REPLACE EXISTING UTILITY BOX
4. RELOCATED EXISTING UTILITY
5. STORM DRAIN INLET, TYPE A PER CITY OF DUBLIN STANDARD PLAN CD-401
6. OVERFLOW DRAIN PER DETAIL 10 SHT DT-1
7. CLEANOUT PER DETAIL 11 SHT DT-1
8. UTILITY CROSSING, SEE NOTE 4
9. STORMDRAIN MANHOLE, TYPE I PER CITY OF DUBLIN STANDARD PLAN CD-407

UTILITY LEGEND

- DRAIN INLET (DI) PER DETAIL 1/C8.1
- CLEANOUT (CO) PER DETAIL 5/C8.1
- IRRIGATION CONTROLLER
- STORM DRAIN LINE (MINIMUM SLOPE OF 0.5%, UNLESS NOTED OTHERWISE, SEE PROFILE)
- DOMESTIC WATER LINE
- FIRE WATER LINE
- 6" PERFORATED STORM DRAIN (MINIMUM SLOPE OF 0.5%)

UTILITY NOTES:

1. WATER METERS SHALL REMAIN IN PLACE. CONTRACTOR SHALL COORDINATE TO HAVE EXISTING METER BOX REPLACED WITH NEW CONCRETE BOX AND LID BY DSRSD. CONTRACTOR SHALL ADJUST TO NEW FINISHED GRADE.
2. FIRE HYDRANTS SHALL BE RELOCATED TO 24" FROM FACE OF CURB PER DSRSD STANDARD PLAN W-6.
3. CONVERT EXISTING STORM DRAIN MANHOLE TO CDS WATER QUALITY STRUCTURE. STRUCTURE AND CASTING SHALL MEET H20 LOAD RATING.
4. EXISTING MAIN LINES AND LATERALS OF STORM DRAIN, SANITARY SEWER, WATER, ELECTRICAL TRENCH AND JOINT TRENCH ARE BASED ON RECORD INFORMATION. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
5. UTILITY LINE BETWEEN DRAIN INLET AT STA 20+83.16 AND MANHOLE AT STA 20+83.16 IS DESIGNED AT 0.3% SLOPE TO AVOID CONFLICT WITH EXISTING UTILITIES.

REGISTERED PROFESSIONAL ENGINEER
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4670 WILLOW RD., SUITE 250
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GOLDEN GATE DRIVE STREET IMPROVEMENTS
IMPROVEMENT PLAN & PROFILE
STREET IMPROVEMENT PLANS

CITY OF DUBLIN
ALAMEDA COUNTY
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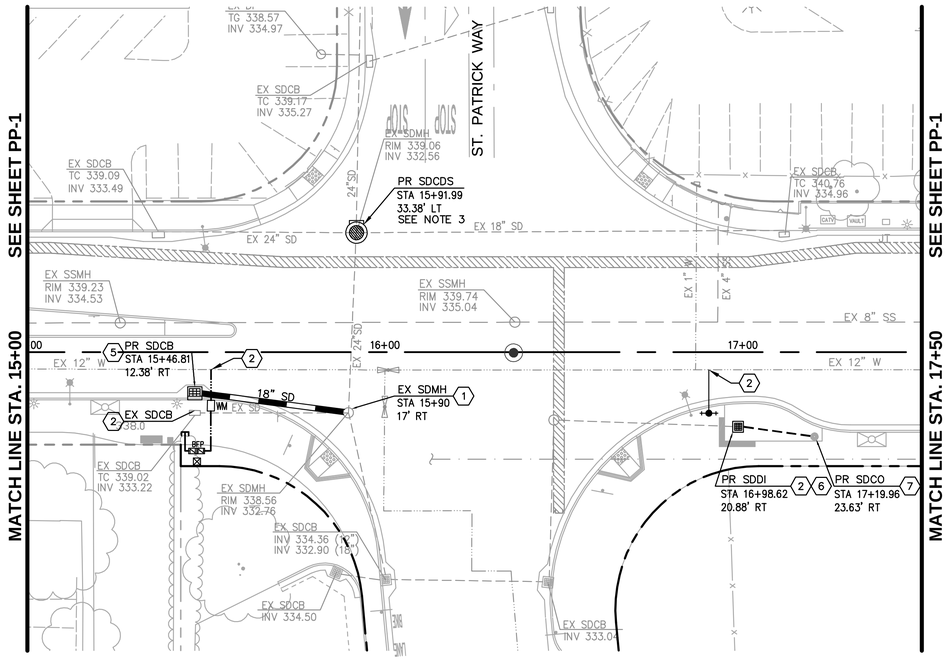

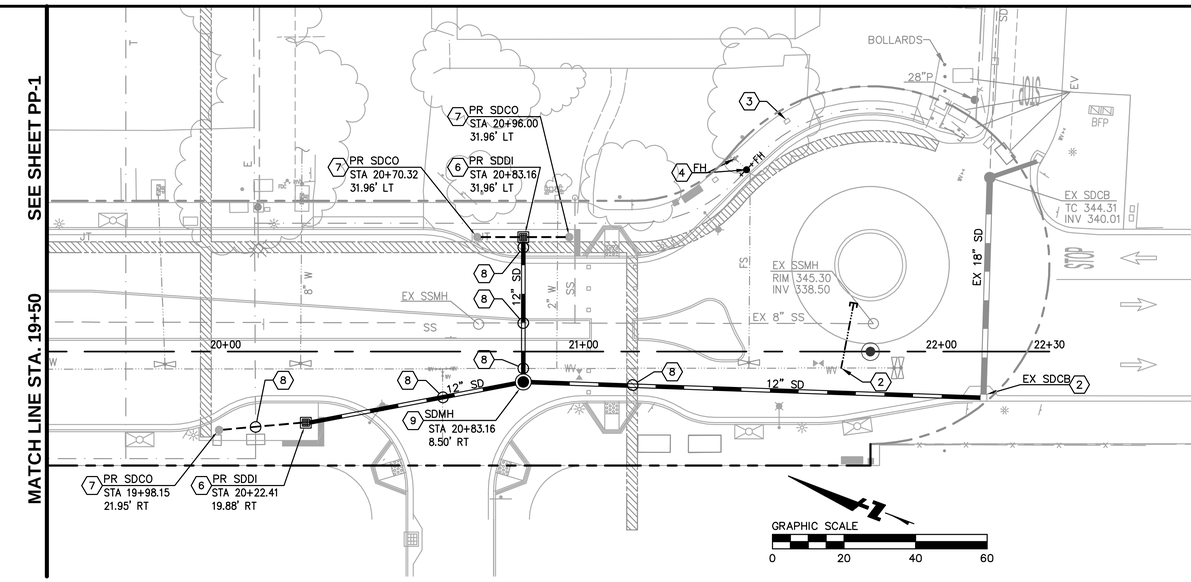

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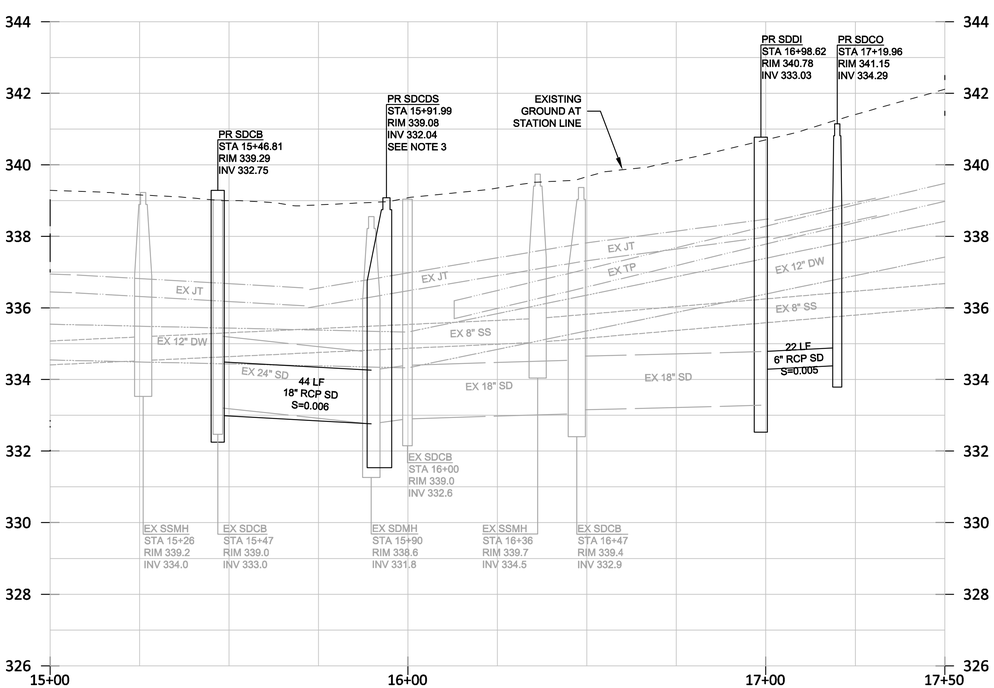
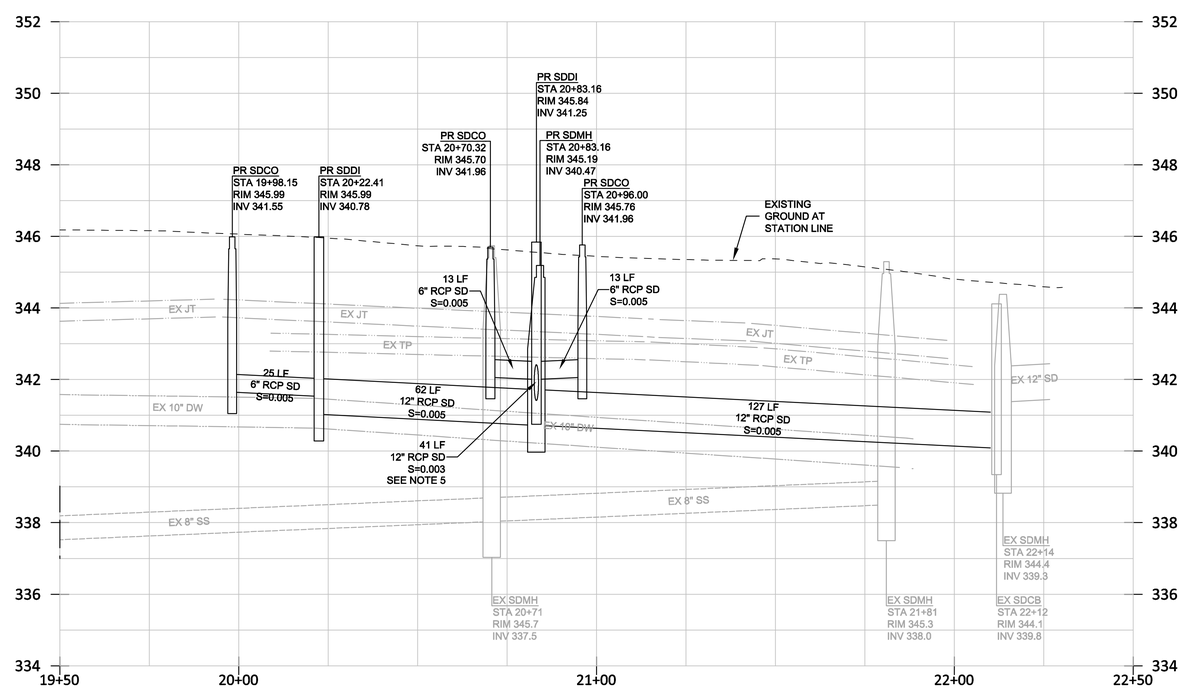
4. EXISTING MAIN LINES AND LATERALS OF STORM DRAIN, SANITARY SEWER, WATER, ELECTRICAL TRENCH AND JOINT TRENCH ARE BASED ON RECORD INFORMATION. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
5. UTILITY LINE BETWEEN DRAIN INLET AT STA 20+83.16 AND MANHOLE AT STA 20+83.16 IS DESIGNED AT 0.3% SLOPE TO AVOID CONFLICT WITH EXISTING UTILITIES.



PROFILE

SCALE: 1" = 20' HORIZ.
1" = 2' VERT.



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REGISTERED PROFESSIONAL ENGINEER DANIEL J. SCHAFER No. 51158 CIVIL STATE OF CALIFORNIA

4670 WILLOW RD., SUITE 250
PLEASANTON, CA 94588
925/398–7700 (TEL)
925/398–7799 (FAX)
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GOLDEN GATE DRIVE STREET IMPROVEMENTS
IMPROVEMENT PLAN & PROFILE
STREET IMPROVEMENT PLANS

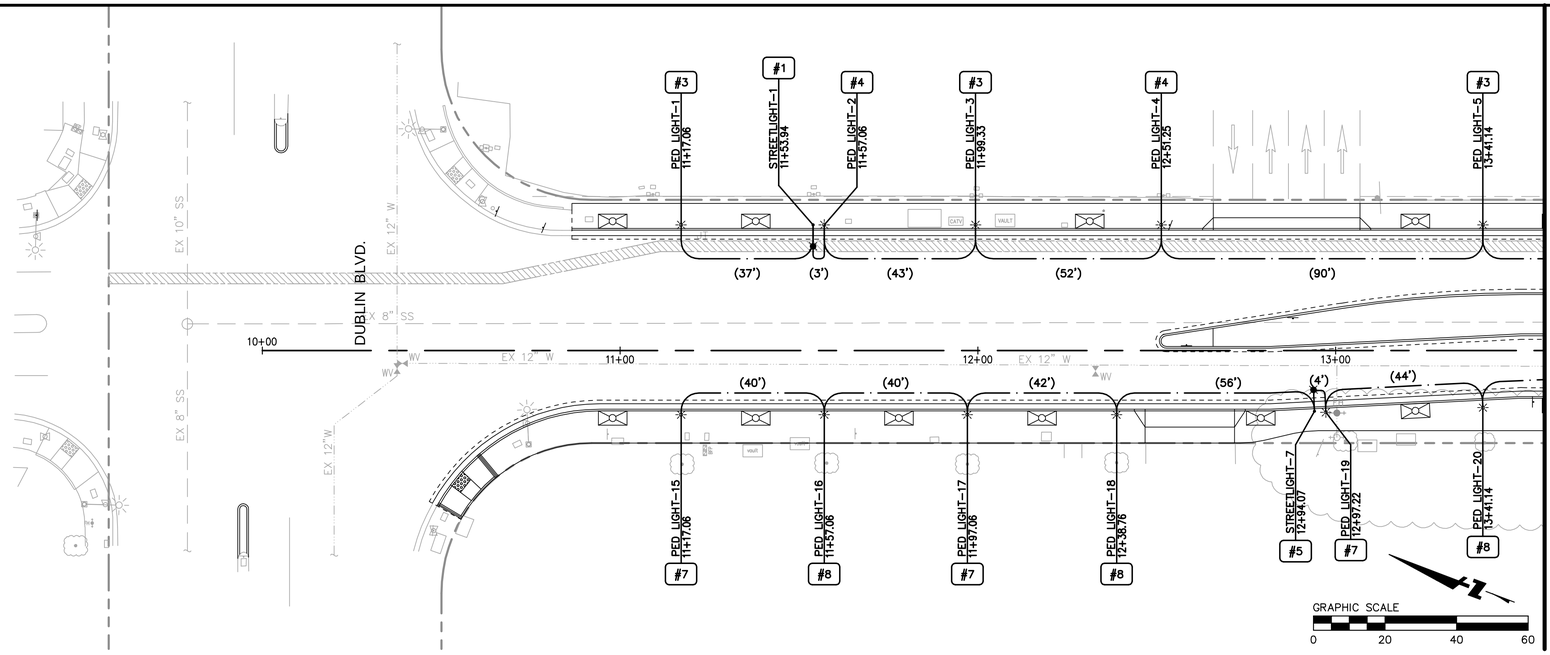
CITY OF DUBLIN
ALAMEDA COUNTY
CALIFORNIA

Revisions
No.

Date: 01/27/12
Scale: AS SHOWN
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

Drawing Number:
PP–2

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\11-12_PP.dwg
PLOT DATE: 01-31-12
PLOTTED BY: sobr



ELECTRICAL KEYNOTES:

1. NEW SERVICE CABINET, TYPE III CALTRANS PROVIDE 50 AMP MAIN, 8–20 AMP LIGHT CIRCUITS, AND 1–15 AMP IRRIGATION SERVICE, ALL CIRCUITS AT 120 VOLTS.
2. #5 PULL BOX
3. #6 PULL BOX
4. INSTALL PHOTO CELL ON LUMINARIES. ROUTE CONDUCTORS TO ELECTRICAL SERVICE.
5. INSTALL 1"ø PVC CONDUIT WITH 3–#10 CONDUCTORS

ELECTRICAL LEGEND:

- STREETLIGHT (45W) WITH PULL BOX, NOT SHOWN. SEE DETAIL 1 SHT EL–3
- PEDESTRIAN LIGHT (45W) WITH PULL BOX, NOT SHOWN.
- IRRIGATION CONTROLLER. REFER TO IRRIGATION PLANS FOR DETAILS.
- #2 CIRCUIT NUMBER
- NEW SERVICE CABINET
- 2"ø SCH. 40 PVC UNLESS NOTED OTHERWISE. INSTALL #8 CONDUCTORS AS REQUIRED.

GENERAL NOTES:

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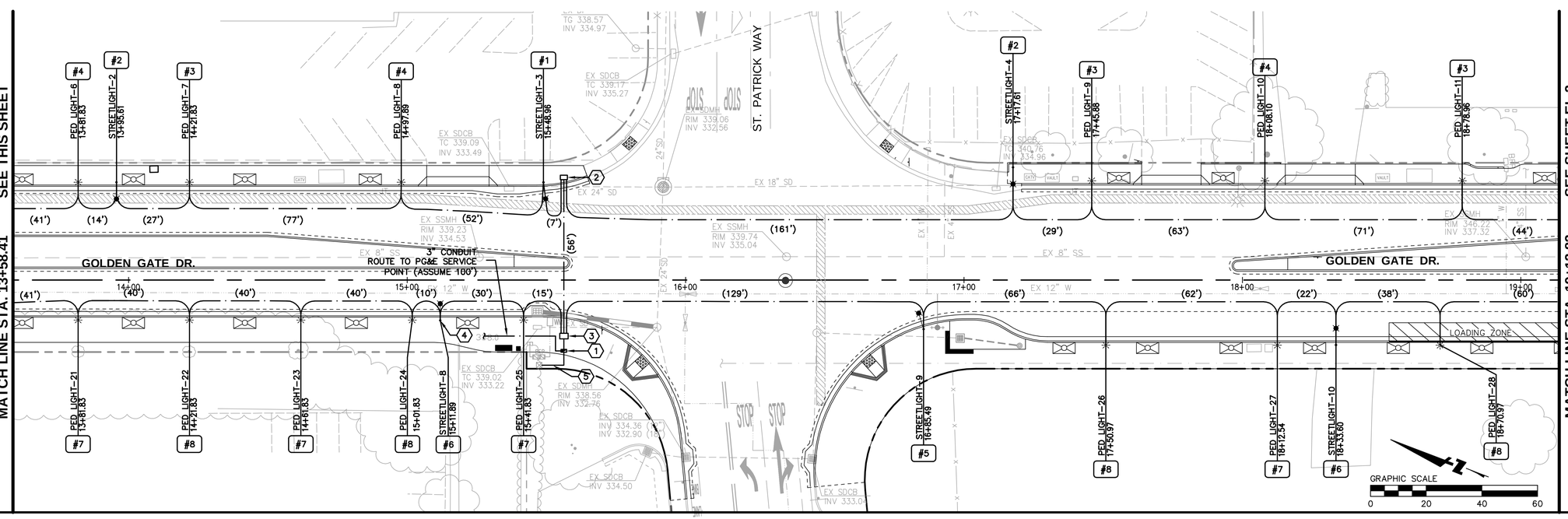
2. COORDINATE NEW WORK WITH UTILITIES, ELECTRIC, WATER, GAS, SANITARY SEWER, AND COMMUNICATION SYSTEMS. ANY DAMAGE(S) AS A RESULT OF THIS WORK, SHALL BE RESTORED IN WORKING CONDITION TO THE SATISFACTION OF THE OWNER.
3. CONDUIT ROUTING SHOWN ON PLANS ARE FOR DIAGRAMMATIC PURPOSES, ACTUAL FIELD CONDITIONS WILL GOVERN THE EXACT ROUTING OF CONDUITS. CONTRACTOR SHALL ALLOW ADEQUATE TIME TO FIELD VERIFY CONDITION AND LOCATION OF EXISTING UTILITIES PRIOR CONDUIT INSTALLATION.
4. ALL METALLIC ENCLOSURES, RACEWAYS AND ELECTRICAL EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF NEC ARTICLE 250. PROVIDE GROUND WIRE IN EVERY RACEWAY, SIZE IN ACCORDANCE WITH NEC, TABLE 250–95.
5. THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT AND STAKING OF ALL STREET LIGHTS AND RELATED INFRASTRUCTURE.
6. CONTRACTOR SHALL PLACE ALL PULL BOXES PARALLEL TO CURBS AND IN–LINE WITH FUTURE SIDEWALK SCORE PATTERN.
7. FOR UTILITY PLACEMENT RELATIVE TO FACE OF CURB SEE DETAIL 5 SHEET EL–3.



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Drawing Number:
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E-76 SUBMITTAL

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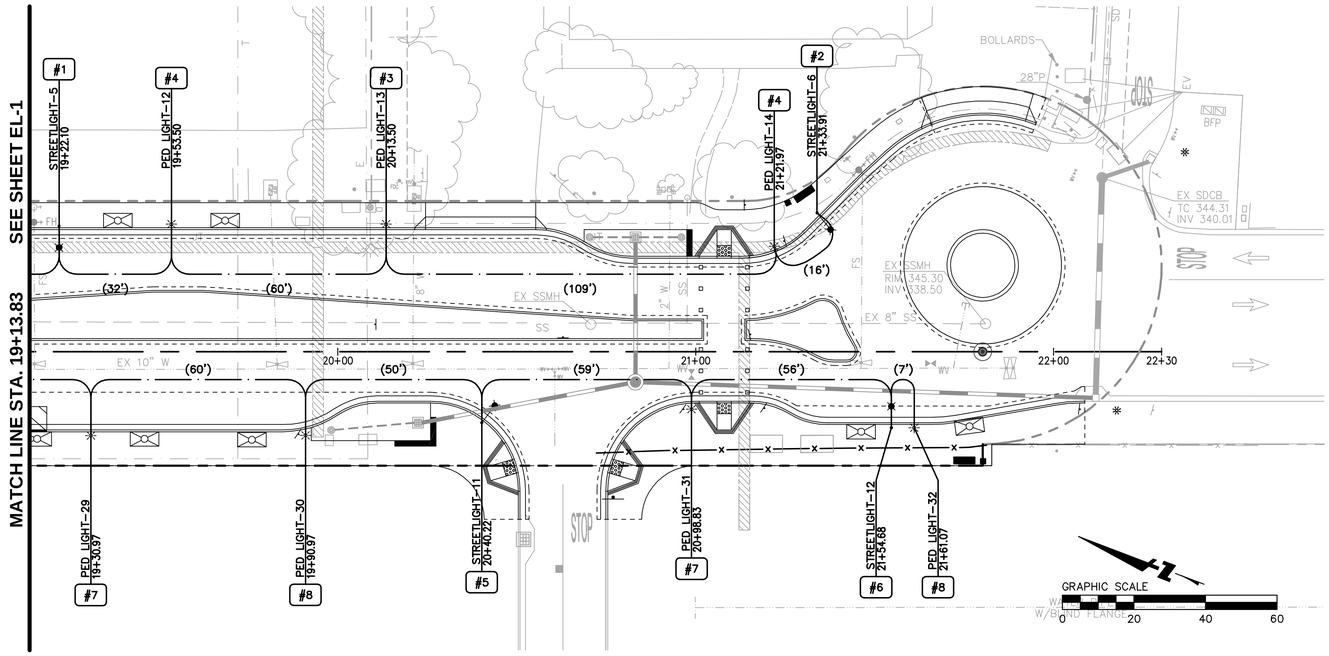

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	PEDESTRIAN LIGHT (45W) WITH PULL BOX, NOT SHOWN.
	IRRIGATION CONTROLLER. REFER TO IRRIGATION PLANS FOR DETAILS.
#2	CIRCUIT NUMBER
	NEW SERVICE CABINET
	2"ø SCH. 40 PVC UNLESS NOTED OTHERWISE. INSTALL #8 CONDUCTORS AS REQUIRED.

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REGISTERED PROFESSIONAL ENGINEER
DANIEL G. SCHAEFER
No. 51158
CIVIL
STATE OF CALIFORNIA

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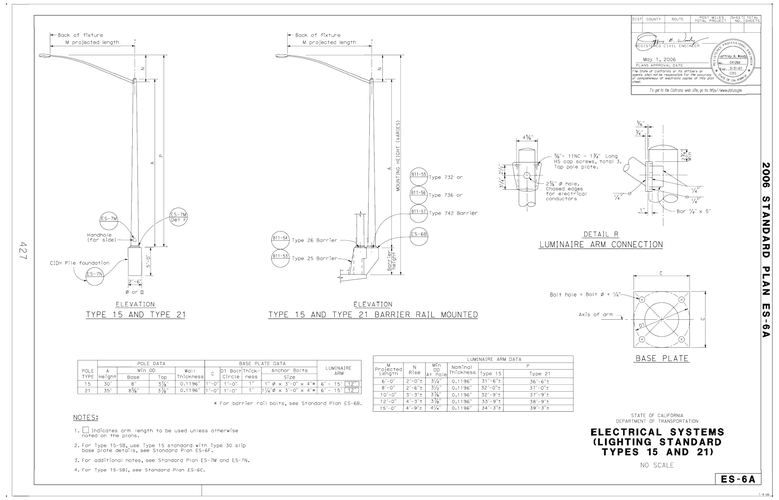

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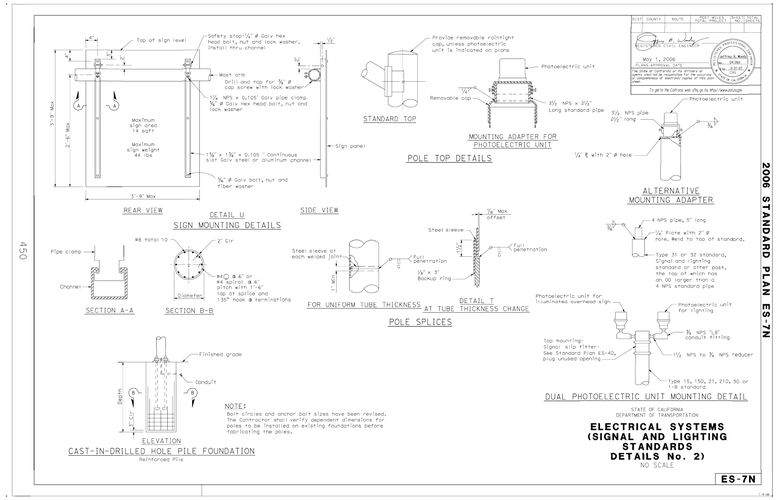
1 STREETLIGHT -LIGHTING STANDARD

CALTRANS STD PLANS 2006- ES-6A

NTS



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2 STREETLIGHT- STANDARD

CALTRANS STD PLANS 2006- ES-7N

NTS

GENERAL NOTES FOR STREET LIGHTING

1. All materials and workmanship shall fully conform with the National Electrical Code, the State Standard Specifications, and the City of Dublin Lighting Standard Specifications and Details. Where there is a conflict, the more restrictive shall apply.
2. The electrical contractor shall install the underground service from the electrolier to PG&E service point and terminate conduit and wires at box as directed and approved by PG&E. Risers installed on utility-owned poles shall conform to the specifications supplied by the utility company.
3. The street lights shall be kept a minimum of three (3) feet away from the edge of driveways and five (5) feet from fire hydrants.
4. **CONDUIT AND FITTINGS**: All conduit and fittings shall be UL approved. Use minimum 2" (Size 53) Schedule 40 PVC conduit and fittings.* The minimum radius of bends shall be 18 inches (450 mm). All bends and/or offsets shall be accomplished with factory formed sections. All empty conduit ends shall be plugged. All other conduit shall have bell ends and shall be sealed with duct seal. The underground conduit and all metal parts shall be continuously bonded and grounded. Provide a #10 pull wire in all empty conduits. All crossings shall be perpendicular to the street. Conduit in foundations and between a foundation and nearest pull box shall be Type 1, rigid metallic.

   *Conduit for street lighting installed in residential tracts may be 1-1/2" if suitable for the number of conductors and wire size being installed.
5. **CONDUIT DEPTH**: Conduit shall be installed at a minimum depth of 24" (600 mm) below sidewalks or planter strips and 36" (900 mm) below roadways. Refer to the specification for additional information regarding specific locations.
6. **WIRE**: Wire shall be UL listed 600 volt AWG No. 8 or larger with 7-strand soft copper, type THW or RHW with minimum 54 mil polyvinylchloride insulation. No mechanical means shall be used to pull wire.
7. **PULL BOXES**: Pull boxes shall be No. 5** as referenced in State Standard Plan ES-8. Sumps shall be constructed with a minimum depth of eight (8) inches and a minimum of six (6) inches in width outside of the pull box on all sides. Drain rock shall be 1-1/2" flat, smooth river run rock which is clean and free of dirt and debris. Pull box covers shall have brass holddown lugs and shall be inscribed "Street Lighting." A pull box shall be installed at each electrolier. Pull boxes shall not be more than 200 feet apart on long runs. Where pull boxes are subject to traffic loads, they shall be set on a concrete footing and the cover shall be cast iron or steel of sufficient strength to withstand the traffic load.

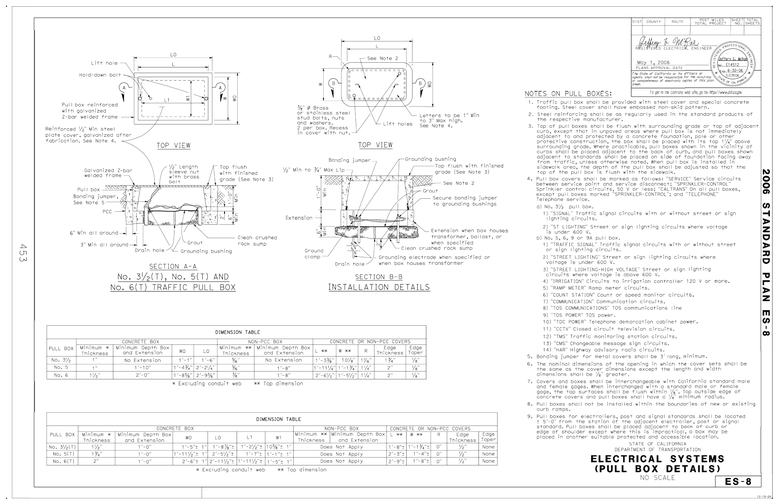
   **Pull boxes for individual electroliers installed in residential tracts shall be #3-1/2.
8. **FUSES**: Fuses shall be located in the pull box adjacent to each electrolier. Overcurrent protection shall also be provided at each service point. Each pole shall be fused with waterproof in-line fuse holders at each adjacent pull box with a 10 amp fuse. Contractor shall provide pull box in addition to PG&E service box, fuse holders, and fuses. Duplex lights shall be individually fused.
9. **SPLICING**: All splices shall be made in pull boxes only. Splices shall be made with "C" type compression fittings and insulated by Method B as shown in State Standard Plan ES-13A.
10. **POLE NUMBERS**: Contractor shall place pole numbers in accordance with PG&E requirements.

CITY OF DUBLIN CALIFORNIA 1982

GENERAL NOTES FOR STREET LIGHTING	
SCALE: NOT TO SCALE	APPROVED:
DATE: SEPTEMBER 13, 2006	PUBLIC WORKS DIRECTOR
DRAWN BY: LDH	CD-902
V:\CAD\NEW STANDARDS	

3 GENERAL NOTES FOR STREET LIGHTING

CITY OF DUBLIN

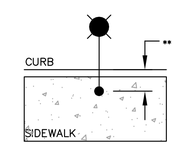


Return to Table of Contents

4 PULL BOX DETAILS

CALTRANS STD PLANS 2006- ES-8

NTS



**REFER TO CITY DWG CD-800

5 TYPICAL STREET LIGHT LOCATION DETAIL

NTS

LIGHTING FIXTURE SCHEDULE		
SYMBOL	TYPE	DESCRIPTION
STREET LIGHT		MANUFACTURER: LEOTEK ELECTRONICS FIXTURE: GC1-40E-MV-NW-3-GY-350 (350MA) POLE: TYPE 15, CALTRANS STANDARD PLANS 2006, ES-6A TYPE: 45 W LED PER FIXTURE
PEDESTRIAN LIGHT		MANUFACTURER: LUMEC FIXTURE: 42W32LED4KES POLE: APR4F-12 BASE COVER: LBCAC TYPE: 45 W LED PER FIXTURE

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
ELECTRICAL DETAILS
STREET IMPROVEMENT PLANS
ALAMEDA COUNTY, CALIFORNIA
CITY OF DUBLIN

Revisions | No.

Date: 01/27/12
Scale: AS SHOWN
Design: EG
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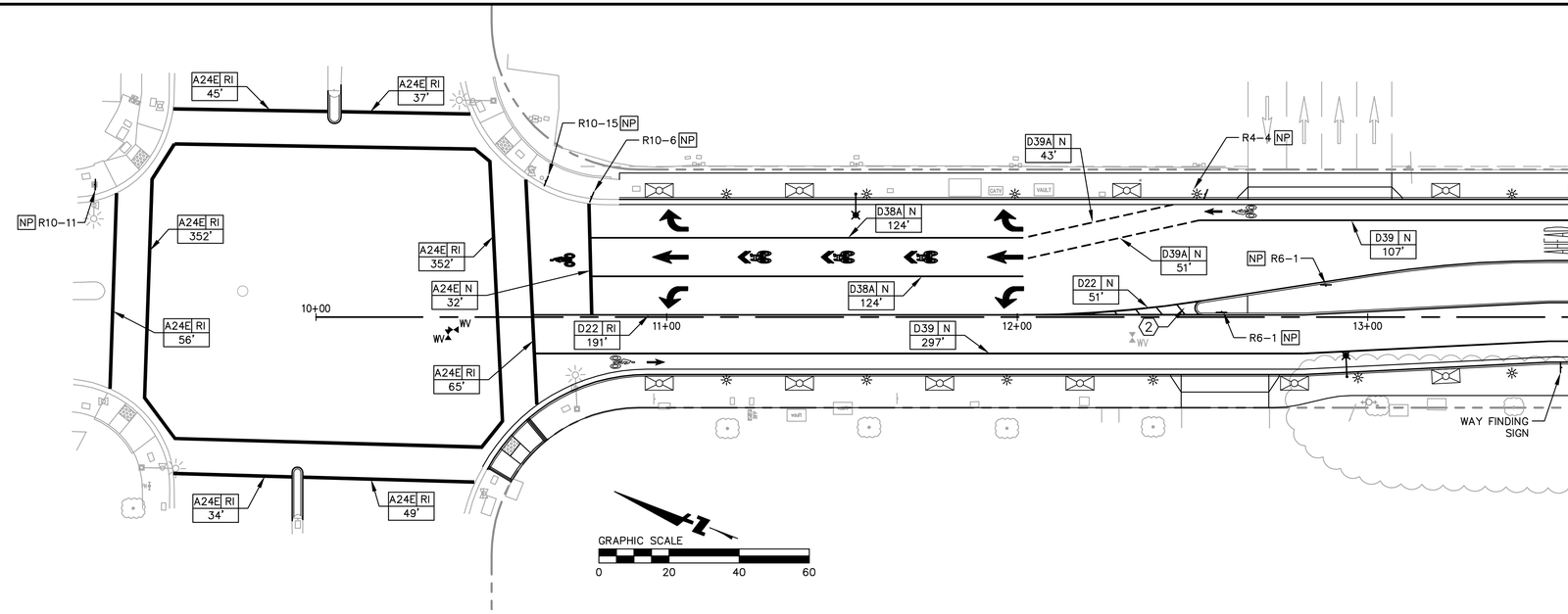
Approved: EG
Job No: 20107136

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHAEFER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

Drawing Number:
EL-3
15 OF 28

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\13-15_EL.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



KEYNOTES

1. INSTALL 12" WIDE WHITE STRIPE
2. INSTALL 8" WIDE YELLOW STRIPES AT X' ON CENTER
3. INSTALL IN-ROADWAY WIRED WARNING LIGHTS SYSTEM. SEE DETAIL 1 SHT DT-3.

STRIPING AND CURB MARKING LEGENDS

STRIPING DETAIL — N = NEW, RI = REINSTALL

D38 N / 103 — LENGTH IN FEET

SPECIAL MARKINGS

SP2 = RED CURB PER MUTCD

PAVEMENT MARKING LEGENDS

BIKE & MERGE & AHEAD	INSTALL PER CALTRANS STD PLAN A24D
STOP	INSTALL PER CALTRANS STD PLAN A24D
YIELD	INSTALL PER CALTRANS STD PLAN A24D
↑	INSTALL PER CALTRANS STD PLAN A24A
↰	INSTALL PER CALTRANS STD PLAN A24A
↰	INSTALL PER CALTRANS STD PLAN A24A
↱	INSTALL PER CALTRANS STD PLAN A24A
🚲	INSTALL PER CALTRANS STD PLAN A24C
↑	INSTALL PER CALTRANS STD PLAN A24A
▼▼▼▼	INSTALL PER CALTRANS STD PLAN A24E

SIGNING LEGENDS

NP = INSTALL NEW SIGN AND NEW POST

RE = EX SIGN AND POST TO REMAIN

RL = RELOCATE AND REUSE EX SIGN AND POST

RS = REMOVE AND STORE EX SIGN AND POST

RS R1-1 — SIGN CODE

EX SIGN AND EX POST

NEW SIGN AND NEW POST

SIGN & STRIPE CODE CHART

CODE	QUANTITY	DESIGNATION
R1-1	2 EA	STOP
R1-2	1 EA	YIELD
R3-17	1 EA	BIKE LANE
R3-17B	1 EA	"ENDS"
R4-4	1 EA	"BEGIN RIGHT TURN LANE. YIELD TO BIKES."
R4-7	1 EA	KEEP RIGHT SIGN
R6-1	5 EA	"ONE WAY"
R10-6	1 EA	"STOP HERE ON RED"
R10-11	1 EA	"NO TURN ON RED"
R10-15	1 EA	"YIELD TO BIKES"
W3-2A	1 EA	YIELD AHEAD
W11-2/ W54-A	2 EA	PEDESTRIAN CROSSING SIGN WITH LED ENHANCED SYMBOL AND W/OUT CROSSWALK SIGNS
W16-7PL	2 EA	CROSSWALK LEFT ARROW SIGN
BART	1 EA	BART PEDESTRIAN ACCESS SIGN
WAY FINDING	2 EA	WAY FINDING SIGN
A24E	1352 LF	12" WHITE CROSSWALK LINE
D22	519 LF	4" DOUBLE YELLOW LINES WITH TYPE D RETROREFLECTIVE MARKERS
D38A	248 LF	8" WHITE CHANNELIZING LINE
D39	2095 LF	6" WHITE BIKE LANE LINE
D39A	708	6" WHITE BROKEN BIKE LANE LINE

CONSTRUCTION NOTES

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2. EXISTING AND PROPOSED SIGNS MUST HAVE 3 FEET CLEAR FROM BACK OF CURB TO SIGN POST OR 3 FEET CLEAR FROM SIGN POST TO BACK OF WALK.
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4. CONTACT TRAFFIC SAFETY SUPERVISOR (CITY OF DUBLIN PUBLIC WORKS) AT LEAST NINE (9) WORKING DAYS PRIOR TO STRIPING INSTALLATION.
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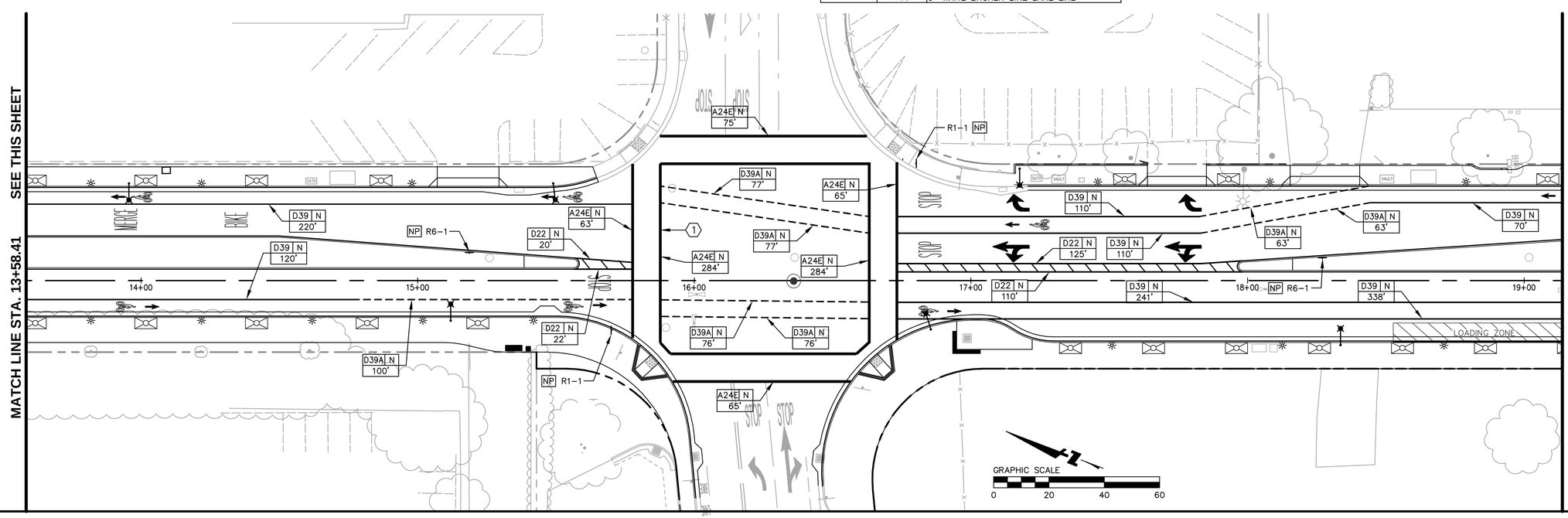

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CITY OF DUBLIN — ALAMEDA COUNTY — CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER — DANIEL C. SCHAEFER — No. 51158 — CIVIL — STATE OF CALIFORNIA

E-76 SUBMITTAL

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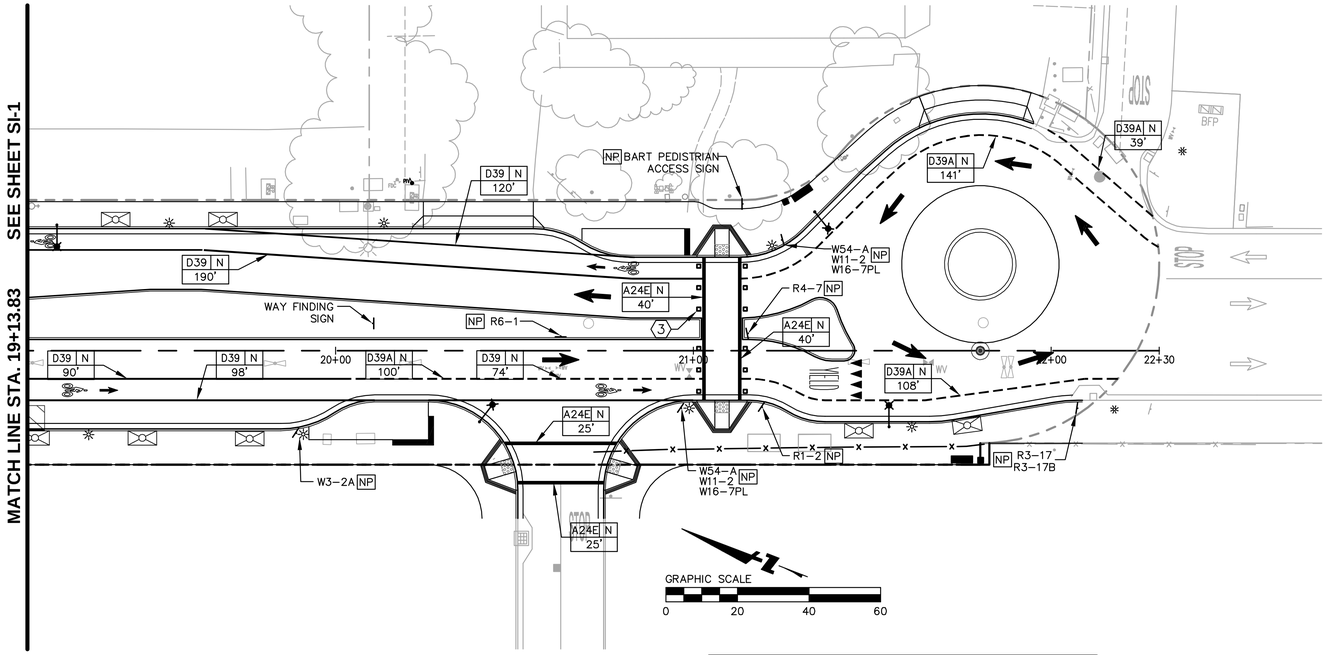

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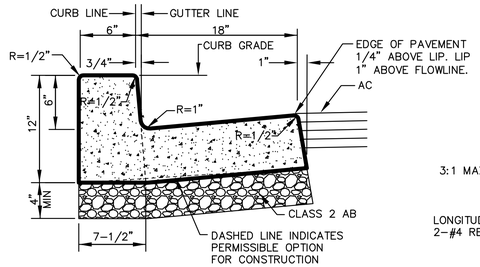
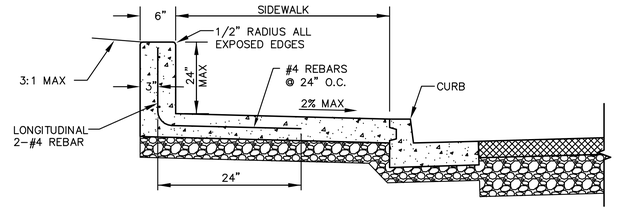
PLOT DATE: 01-31-12
PLOTTED BY: sobr



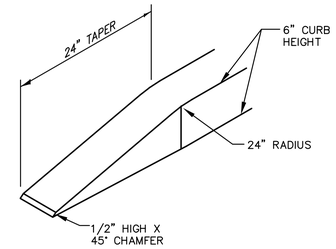
NOTES:

1. SEE CITY STD. DETAIL CD-300 FOR ADDITIONAL INFORMATION.
2. PLACE AC PLUG PER DETAIL 8 THIS SHEET IF GUTTER IS ADJACENT TO EXISTING AC PAVEMENT TO REMAIN.

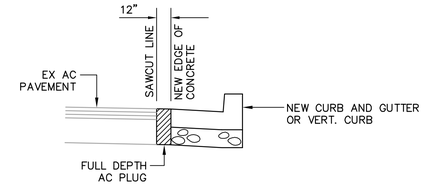
1 CURB AND GUTTER
NTS



2 RETAINING CURB AT BACK OF WALK
NTS

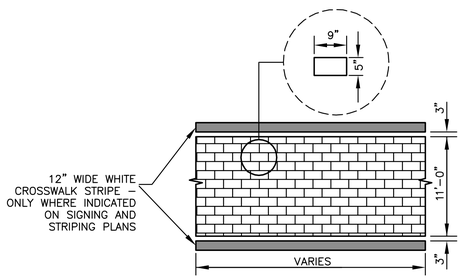


3 CURB TRANSITION
NTS



NOTE: NEW PLUG SHALL ALIGN FLUSH WITH EXISTING SURFACES ON BOTH SIDES

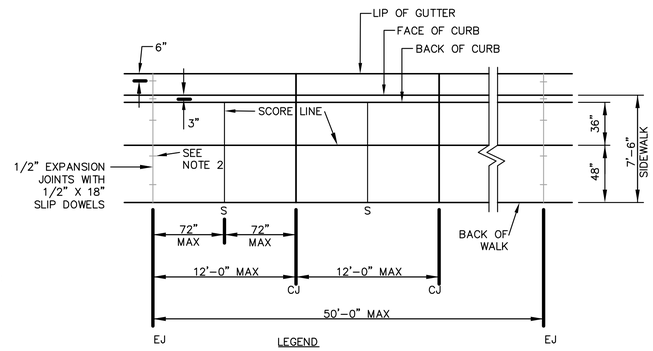
4 AC PLUG
NTS



NOTES:

1. TEXTURED ASPHALT IS STREETPRINT OR EQUIVALENT. COLOR SHALL BE "TERRACOTTA".
2. TEXTURED ASPHALT CROSSWALK PAVING SHALL NOT BE PLACED ON SLURRY SEAL.
3. WHEN PLACING CROSSWALK LINES ADJACENT TO TEXTURED ASPHALT PAVING, LINES SHALL BE PLACED 3 INCHES FROM EDGE OF TEXTURED ASPHALT PAVING.

5 TEXTURED ASPHALT PAVING
NTS



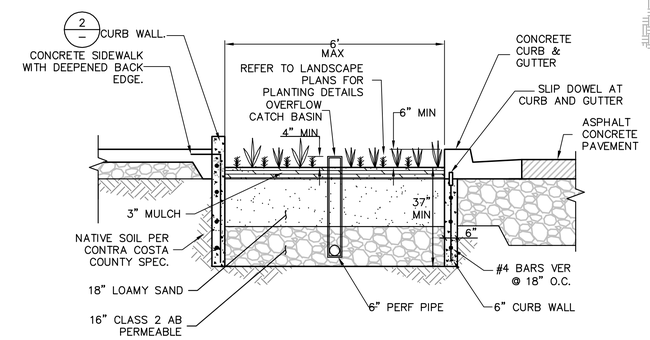
LEGEND

S = SCORE LINE, MIN. 1/4" DEEP
EJ = EXPANSION JOINT, SEE DETAIL 3 ON DT-1
CJ = CONTROL JOINT, SEE DETAIL 3 ON DT-1

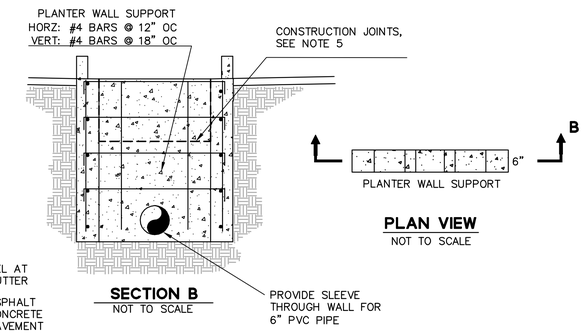
NOTES:

1. EXPANSION JOINTS TO BE PLACED WITH TOP EDGE 1/4" BELOW FINISHED SURFACE. DOWELS TO BE PLACED AT RIGHT ANGLES TO JOINT.
2. CENTER DOWEL IN SCORE PATTERN.
3. AT CURB RETURNS, PLACE EXPANSION JOINTS WITH DOWELS AT END OF RETURN.
4. AT LOCATIONS WHERE THE SIDEWALK WIDTH TRANSITIONS SEE DETAIL 7/DT-3 FOR SCORE PATTERN.
5. SIDEWALK SCORING TO BE ALIGNED WITH EDGES OF TREE PLANTER.

6 SIDEWALK SCORING
NTS



7 RAIN GARDEN AREA
NTS

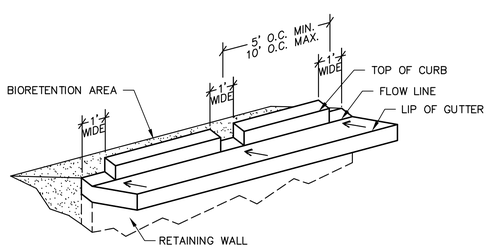


NOTES:

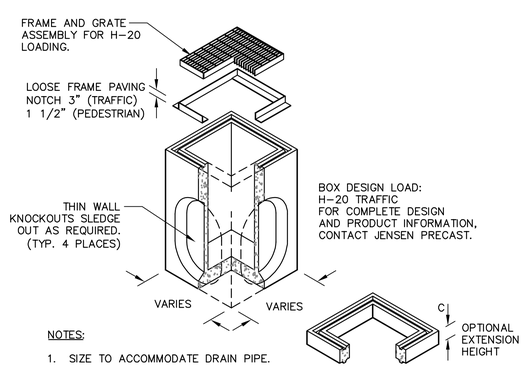
1. ALL PERFORATED PIPE SHALL HAVE A MINIMUM OF THREE 3/4" DIAMETER HOLES, EQUALLY SPACED ALONG THE CIRCUMFERENCE OF THE PIPE AND NOT LESS THAN THREE HOLES PER FOOT OF PIPE.
2. ALL INFILTRATION MIX SHALL BE BIOSWALE PLANTING MIX WITH MINIMUM INFILTRATION RATE OF 5 INCHES PER HOUR.
3. CONTRACTOR SHALL SUBMIT INFILTRATION MIX MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.
4. SAND LAYER CAN BE DELETED IF A MINIMUM OF 4" OF CLASS II PERMEABLE MATERIAL IS INSTALLED UNDER THE PIPE.

* BIORETENTION AREA MEDIA FILTER INFILTRATION SOIL MIX CONFORMING TO THECONTRA COSTA COUNTY CLEAN WATER PROGRAM SPECIFICATIONS.

8 WALL SUPPORTS
NTS



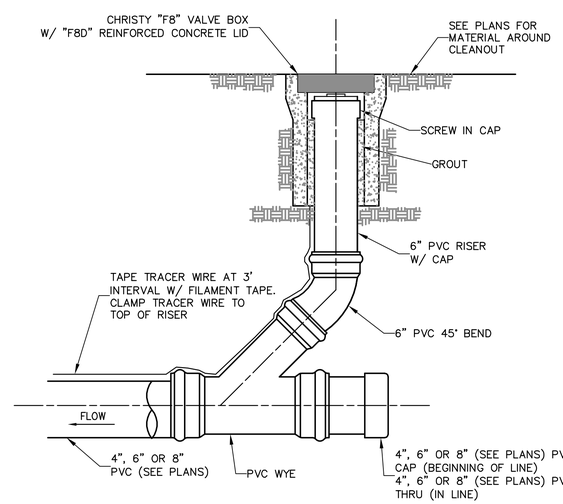
9 RAIN GARDEN CURB OPENING
NTS



NOTES:

1. SIZE TO ACCOMMODATE DRAIN PIPE.
2. SECTIONAL UNIT TO ACCOMODATE FIELD ADJUSTMENTS TO GRADE.

10 OVERFLOW DRAIN
NTS



11 CLEANOUT
NTS

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
CONSTRUCTION DETAILS
STREET IMPROVEMENT PLANS

CITY OF DUBLIN
ALAMEDA COUNTY
CALIFORNIA

Revisions | No.

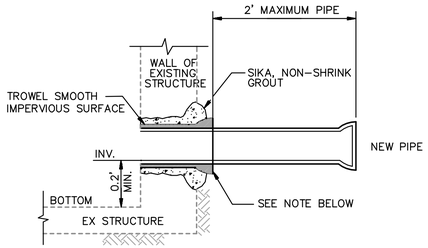
Date: 01/27/12
Scale:
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHACKER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

Drawing Number:
DT-1
18 OF 28

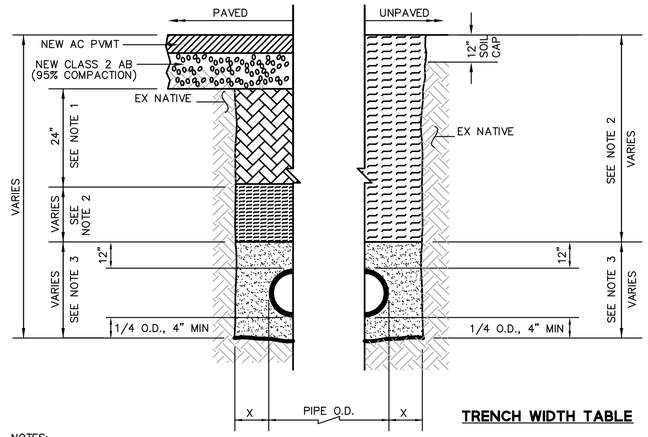
DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\18-20_DT.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



NOTE: IF NEW PIPE IS PLASTIC, USE PVC MANHOLE ADAPTOR OR APPROVED EQUAL

1 PIPE CONNECTION TO EXISTING STRUCTURE

NTS



NOTES:

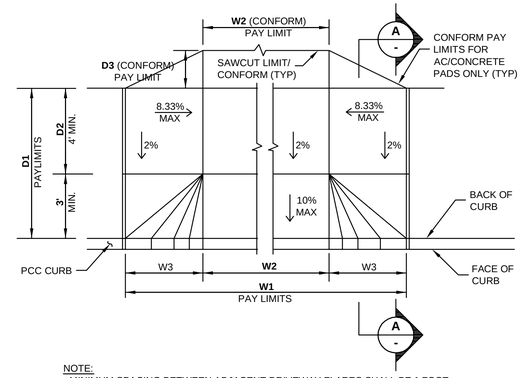
1. BACKFILL MATERIAL OR CLASS 2 AB (95% COMPACTION)
2. BACKFILL MATERIAL (90% COMPACTION)
3. CLASS II AB (95% COMPACTION) PER ASTM D2321 AND CALTRANS SECTION 26 SPECIFICATIONS WITH 3/4" MAXIMUM AGGREGATE.
4. FOR ADDITIONAL REQUIREMENTS, REFER TO PROJECT SPECIFICATIONS.

TRENCH WIDTH TABLE

PIPE SIZE	LIMITS OF X	
	MIN	MAX
18" OR LESS	8"	12"

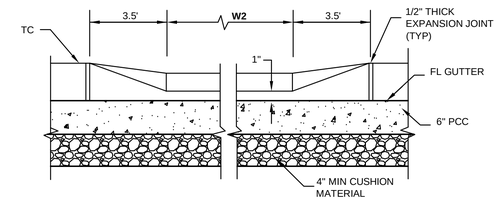
2 UTILITY TRENCH

NTS

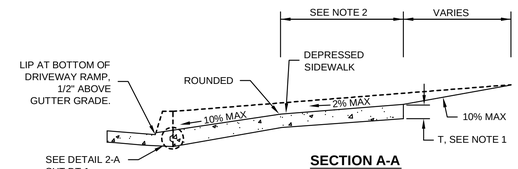


NOTE:
MINIMUM SPACING BETWEEN ADJACENT DRIVEWAY FLARES SHALL BE 1 FOOT.

PLAN - DRIVEWAY



ELEVATION - DRIVEWAY



SECTION A-A

TYPICAL DRIVEWAY, SIDEWALK NOT DEPRESSED

NOTES:

1. SIDEWALK AND RAMP THICKNESS "T" AT DRIVEWAY SHALL BE 4" FOR RESIDENTAL AND 6" FOR COMMERCIAL.
2. MINIMUM WIDTH OF CLEAR PASSAGEWAY FOR SIDEWALK SHALL BE 4'-0".

PCC DRIVEWAY IMPROVEMENTS TABLE								
DRIVEWAY NUMBER	ADDRESS	STATION	W1	W2	W3	D1	D2	D3
1	7544 Dublin Blvd.	12+86.31	47.0'	41.0'	3.0'	7.5'	4.0'	1.0'
2	7544 Dublin Blvd.	15+18.22	28.4'	22.4'	3.0'	7.5'	4.0'	1.0'
3	6707	17+74.47	27.4'	21.4'	3.0'	7.5'	4.0'	0.0'
4	6511	18+27.96	31.3'	25.1'	3.0'	7.5'	4.0'	0.5'
5	6401	20+39.89	36.8'	30.8'	3.0'	7.5'	4.0'	0.5'
6	6453	21+78.81	32.6'	26.6'	3.0'	7.5'	4.0'	0.0'
7	7600 Dublin Blvd.	12+59.24	31.0'	25.0'	3.0'	9.5'	4.5'	0.0'

4 TYPICAL DRIVEWAY

NTS

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GOLDEN GATE DRIVE STREET IMPROVEMENTS
CONSTRUCTION DETAILS
STREET IMPROVEMENT PLANS

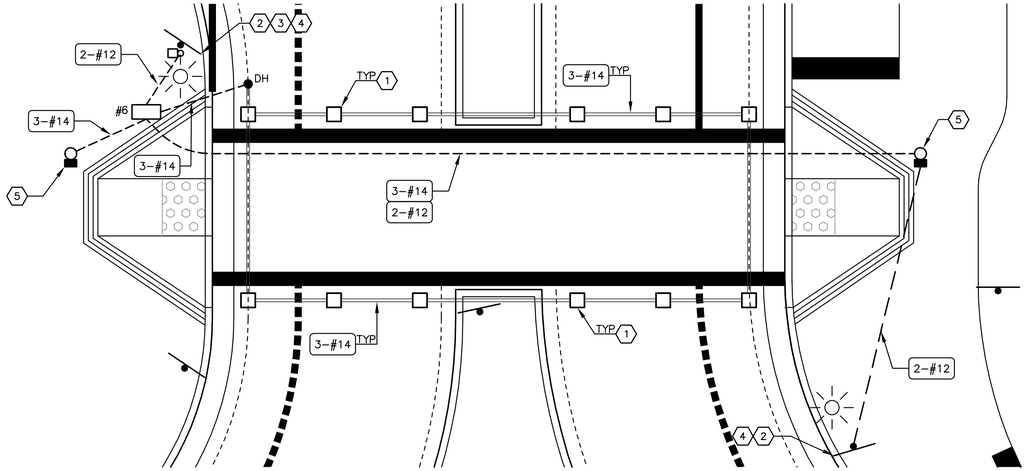
CITY OF DUBLIN — ALAMEDA COUNTY — CALIFORNIA

No.	Revisions

Date: 01/27/12
Scale:
Design: EG
Drawn: MV
Approved: EG
Job No: 20107136

Drawing Number:
DT-2

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\18-20_DT.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



1 **IN-ROADWAY WARNING LIGHT SYSTEM**
NTS

ELECTRICAL PLAN KEYNOTE:

1. IN–ROADWAY WARNING LIGHT (IRWL) BY LGS OR APPROVED EQUAL
2. LIGHT ENHANCED PEDESTRIAN CROSSING SIGN, MODEL W54–A/W11–2 BY LGS OR APPROVED EQUAL (B/–)
3. POLE MOUNTED SOLAR POWERED CONTROL UNIT (PCU), MODEL LGS–SOLAR SYSTEM BY LGS OR APPROVED EQUAL (A/–)
4. INSTALL LEFT DIAGONAL ARROW PLAQUE (W16–7pL)
5. CALTRANS PUSH BUTTON POST WITH MANUAL ACTIVATION PUSH BUTTON, MODEL LGS–PBA BY LGS OR APPROVED EQUAL

ELECTRICAL PLAN NOTES:

1. FLASH RATE FOR EACH IN–ROADWAY LIGHT SHALL BE 50–60 FLASH CYCLES PER MINUTE.

2. LIGHT ENHANCED PEDESTRIAN CROSSING SIGNS SHALL FLASH WITH THE SAME RATE AND IN–SYNC WITH THE IN–ROADWAY WARNING LIGHTS.

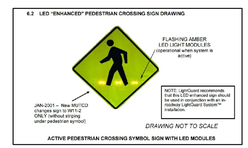
ABBREVIATIONS:

AWG	AMERICAN WIRE GAUGE
DH	DETECTOR HANDHOLE (CALTRANS DETAIL ES–5E)
LF	LINEAR FEET
LGS	LIGHTGUARD SYSTEMS, INC.

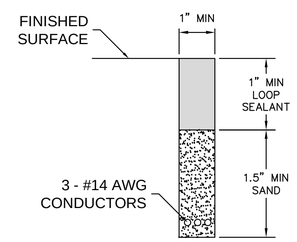
ELECTRICAL PLAN LEGEND

- IN–ROADWAY WARNING LIGHT
- PEDESTRIAN PUSH BUTTON
- POLE MOUNTED SOLAR POWERED CONTROL UNIT
- SIGN
- 2" PVC CONDUIT
- DIRECT BURIED CONDUCTORS, SAWCUT PAVEMENT (3/–)
- PRECAST PULL BOX #6 PER CALTRANS STANDARD ES–8
- 3–#14: NUMBER OF CONDUCTORS / WIRE GAUGE (AWG)

A **SOLAR POWER CONTROL UNIT (PCU)**
NTS



B **LIGHT ENHANCED PEDESTRIAN CROSSING SIGN**
NTS



C **DIRECT BURIED CONDUCTORS**
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DT–3
20 OF 28

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PLOT DATE: 01-31-12 PLOTTED BY: sobr

EROSION CONTROL SYMBOL

1 CURB INLET SEDIMENT BARRIER PER DETAIL 3/EC-2

2 DROP INLET SEDIMENT BARRIER PER DETAIL 4/EC-2

60 0 30 60 120 240
(IN FEET)
1"=60'

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EROSION CONTROL PLAN
STREET IMPROVEMENT PLANS

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CALIFORNIA

Revisions

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DANIEL G. SCHAEFER
No. 51158
CIVIL
STATE OF CALIFORNIA

E-76 SUBMITTAL

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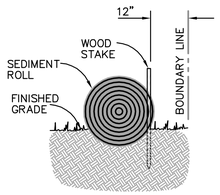
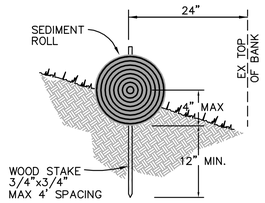
EC-1

DRAWING NAME: K:\Eng10\107136 GGD Streetscape-Dublin\DWG\CD\SHEETS\21-22_EC.dwg
PLOT DATE: 01-31-12 PLOTTED BY: sobr



ENTRENCHMENT DETAIL IN FLAT AREA

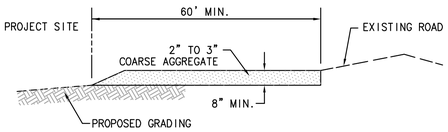


ENTRENCHMENT DETAIL IN SLOPE AREA

INSTALLATION PROCEDURE

1. FIBER ROLLS ARE TUBES MADE FROM POROUS BIODEGRADABLE FIBER STUFFED IN A PHOTO-DEGRADABLE OPEN WEAVE NETTING. THEY ARE APPROX. 8" DIAMETER.
2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 2"-4" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL. ROLLS SHOULD BE ABUTTED SECURELY TO PROVIDE A TIGHT JOINT, NOT OVERLAPPED.

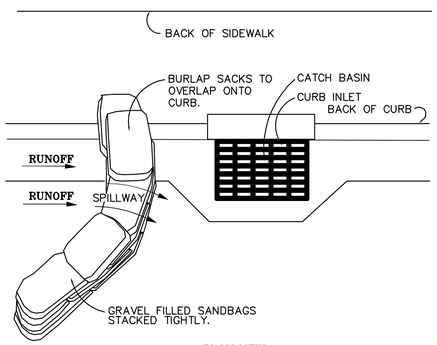
1 FIBER ROLL
NTS



NOTES:

1. THE LOCATIONS SHOWN ARE FOR INFORMATION ONLY. ALL CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USE TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF INLET PROTECTION (E.G. SAND BAGS OR OTHER APPROVED METHODS).
3. THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 2" TO 3" COARSE AGGREGATE.
4. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 8".
5. THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS (12' MIN).
6. THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 60'.

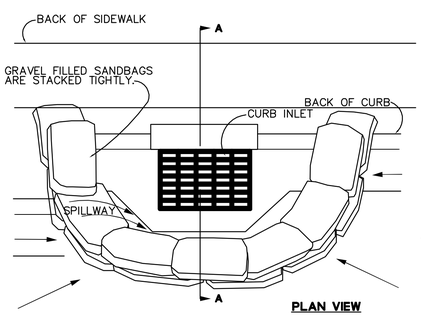
2 STABILIZED CONSTRUCTION ENTRANCE
NTS



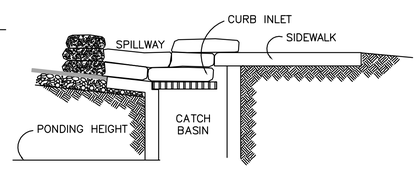
PLAN VIEW

NOTES:

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
2. SANDBAGS OF EITHER BURLAP OR WOVEN 'GEOTEXTILE' FABRIC, ARE FILLED WITH GRAVEL LAYERED AND PACKED TIGHTLY.
3. LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

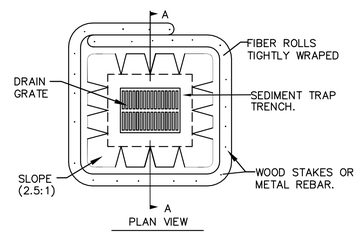


PLAN VIEW

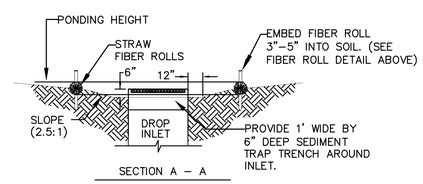


SECTION A – A

3 CURB INLET SEDIMENT BARRIERS
NTS



PLAN VIEW



SECTION A – A

NOTES:

1. DURING THE DRY SEASON (APRIL 15TH TO SEPTEMBER 15TH) USE INSERTS AT ALL DROP INLETS.
2. INSERTS TO BE INSPECTED AND CLEANED WEEKLY AND AFTER EVERY RAIN EVENT.
3. EMPTY DROP INLET FILTERS WHEN FILTERS APPEAR TO BE HALF FULL.
4. DISPOSE OF TRAPPED SEDIMENT IN ACCORDANCE WITH LOCAL REQUIREMENTS.
5. PLACE FIBER ROLLS AROUND THE INLET CONSISTENT WITH BASIN SEDIMENT BARRIER DETAIL ON THIS SHEET. USE REED & GRAHAM, INC. GEOSYNTHETICS STRAW WATTLE FIBER ROLL (COMES IN 9" X 25' ROLLS) OR EQUIVALENT.
6. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE FIBER ROLL IN A TRENCH, 3"– 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
7. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY-PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.

4 DROP INLET SEDIMENT BARRIERS
NTS

EROSION CONTROL NOTES:

1. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES TO MEET "AS GRADED" CONDITIONS.
2. CONTRACTOR IS RESPONSIBLE FOR PREVENTING SEDIMENT FROM LEAVING THE SITE AND ENTERING THE DOWNSTREAM DRAINAGE SYSTEM. THIS PLAN MAY NOT COVER ALL SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. CONTRACTOR SHALL UPDATE PLANS TO REFLECT CHANGING SITE CONDITIONS AND MONITOR EROSION CONTROL EFFECTIVENESS. BASIN AND TRAP SIZES AND ELEVATIONS MAY BE ADJUSTED AS LONG AS THE MINIMUM AREA AND DEPTH FOR SEDIMENT SETTLING AND STORAGE ARE NOT REDUCED. ALL EXISTING, TEMPORARY OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN. EROSION CONTROL MEASURES SHALL ALSO BE IMPLEMENTED AND MODIFIED AS NECESSARY THROUGHOUT THE SITE PHASING INCLUDING THE CONSTRUCTION OF INDIVIDUAL LOTS.
3. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AND PAVED AREAS UPON STARTING OPERATIONS AND PERIODICALLY THEREAFTER AS DIRECTED BY THE INSPECTOR.
4. ALL FILLS SHALL BE GRADED TO PROMOTE DRAINAGE AWAY FROM THE EDGES OF THE FILL.
5. ALL UTILITY TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS FROM THE BOTTOM TO THE TOP WITH A DOUBLE ROW OF SANDBAGS PRIOR TO BACKFILL. STORM AND SEWER TRENCHES SHALL BE BLOCKED AT THE PRESCRIBED INTERVALS WITH A DOUBLE ROW OF SANDBAGS EXTENDING UPWARD, TO WITHIN TWO SANDBAGS FROM THE GRADED SURFACE OF THE STREET. SANDBAGS ARE TO BE PLACED WITH THE ALTERNATE HEADER AND STRETCHER COURSES. THE INTERVALS PRESCRIBED BETWEEN SANDBAG BLOCKING SHALL DEPEND ON THE SLOPE OF THE GROUND SURFACE, BUT NOT EXCEED THE FOLLOWING:

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

6. AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE MOUNDED SLIGHTLY TO PREVENT CHANNELING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROVIDE FOR CROSS FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET.
7. APPROVED EROSION PREVENTATIVE DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE RAINY SEASON OF OCTOBER 1 TO APRIL 15. SAID DEVICES SHALL BE IN PLACE AT ALL TIMES.
8. EROSION CONTROL DEVICES SHALL BE STOCKPILED IN PARKWAYS AT INTERVALS SHOWN ON THE EROSION CONTROL PLAN, READY TO BE PLACED IN POSITION WHEN RAIN IS FORECAST OR WHEN DIRECTED BY THE INSPECTOR.
9. THE CONTRACTOR SHALL PROVIDE A "STANDBY EMERGENCY CREW" WHICH SHALL BE ALERTED BY THE CONSTRUCTION MANAGER, CITY OR CONTRACTOR TO PERFORM EMERGENCY WORK DURING RAINSTORMS.
10. ALL CUT AND FILL SLOPES GREATER THAN 1 VERTICAL TO 3 HORIZONTAL SHALL BE COVERED WITH 10 MIL PLASTIC SHEETING HELD IN PLACE WITH SANDBAGS (UNLESS PLANTED OR HYDRO-SEEDED).
11. ALL TRUCK TIRES SHALL BE CLEANED PRIOR TO EXITING THE PROPERTY.
12. IF NO WORK HAS PROGRESSED FOR A PERIOD OF 6 WEEKS, FINAL DRAINAGE AND EROSION CONTROL IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED WINTERIZATION PLAN.
13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND PROJECT STORM WATER POLLUTION AND PREVENTION PLAN (SWPPP). SAID SWPPP SHALL BECOME A PART OF THESE PLANS.
14. PROVISIONS SHALL BE MADE FOR CONTRIBUTORY DRAINAGE AT ALL TIMES.
15. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE OR RECYCLED FOR USE AS FILL.
16. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
17. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
18. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED ON PLATFORMS 6" MIN ABOVE GROUND OR FULLY CONTAINED WITH IN A UNIT WITH 6" MIN SIDEWALLS IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER UNDER AWNINGS OR SIMILAR. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
19. THE CONTRACTOR WILL BE LIABLE FOR ANY AND ALL DAMAGES TO PUBLICLY AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY CONTRACTOR'S GRADING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE. ADJACENT PUBLIC ROADS SHALL BE KEPT CLEAN OF ALL SOIL AND DEBRIS AT ALL TIMES AND AS REQUIRED BY THE CITY. CONTRACTOR SHOULD PROPERLY DOCUMENT EXISTING CONDITIONS OF PUBLIC AND PRIVATE STREETS SUBJECT TO SUCH DAMAGE AND SHALL INSPECT THE SITE DAILY AND NOTE CONDITIONS OF EROSION CONTROL INCLUDING REPAIRS: DATE, TIME, LOCATION, AND DESCRIPTION.
20. APPROVED PROTECTIVE MEASURES AND TEMPORARY DRAINAGE PROVISIONS SHALL BE PROVIDED TO PROTECT ADJOINING PROPERTIES DURING THE GRADING PROJECT.
21. GRADING SCHEDULE SHALL BE SUBMITTED FOR APPROVAL TO THE CITY BY THE DATE INDICATED BY THE CITY ENGINEER.
22. EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED AND COMPLETED PRIOR TO OCTOBER 1. RAINY SEASON IS BETWEEN OCTOBER 1 AND APRIL 15. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE OPERABLE YEAR ROUND.
23. THE SURFACE OF ALL CUT SLOPES MORE THAN 4 FEET IN HEIGHT, AND FILL SLOPES MORE THAN 3 FEET IN HEIGHT, SHALL BE PROTECTED AGAINST EROSION BY PLANTING WITH GRASS OR GROUNDCOVER PLANTS KEPT VIABLE WITH IRRIGATION. REPLACE IF REQUIRED BY HE CITY.
24. SEED MIX FOR REVEGETATION AND HYDROSEEDING SHALL BE NORTHERN CALIFORNIA COVER MIX BY ACBRIGHT OR EQUAL: 30% BLUE WILD RYE, 30% MEADOW BARLEY, 20% ZORRO FESCUE, 10% PURPLE NEEDLE GRASS, AND 10% CALIFORNIA NATIVE WILDFLOWERS APPLY AT 40 POUNDS PER ACRE MINIMUM. THE HYDROSEED MIX SHALL BE APPLIED IN ADVANCE TO ALLOW VEGETATION TO BE FULLY ESTABLISHED BY OCTOBER 1ST. PLANTED SLOPES SHALL BE WATERED AND MAINTAINED UNTIL A COVER SATISFACTORY TO THE CITY ENGINEER IS ESTABLISHED.
25. STUBBED OUT ENDS OF PARTIALLY COMPLETED SUBDRAINS SHALL BE WRAPPED WITH AN APPROVED FABRIC TO PREVENT SOIL AND DEBRIS FROM ENTERING THE PIPE.
26. BORROW AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES (FIBER ROLLS, ETC.) AND COVERED WITH VISQUEEN TO ENSURE SILT DOES NOT LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM.
27. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
28. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
29. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

FOR EROSION CONTROL ONLY

REGISTERED PROFESSIONAL ENGINEER DANIEL G. SCHAFER No. 51158 CIVIL STATE OF CALIFORNIA

E-76 SUBMITTAL

BKF ENGINEERS / SURVEYORS / PLANNERS
4670 WILLOW RD., SUITE 250
PLEASANTON, CA 94588
925/396-7700 (TEL)
925/396-7799 (FAX)

GOLDEN GATE DRIVE STREET IMPROVEMENTS
EROSION CONTROL PLAN
STREET IMPROVEMENT PLANS

CITY OF DUBLIN — ALAMEDA COUNTY — CALIFORNIA

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