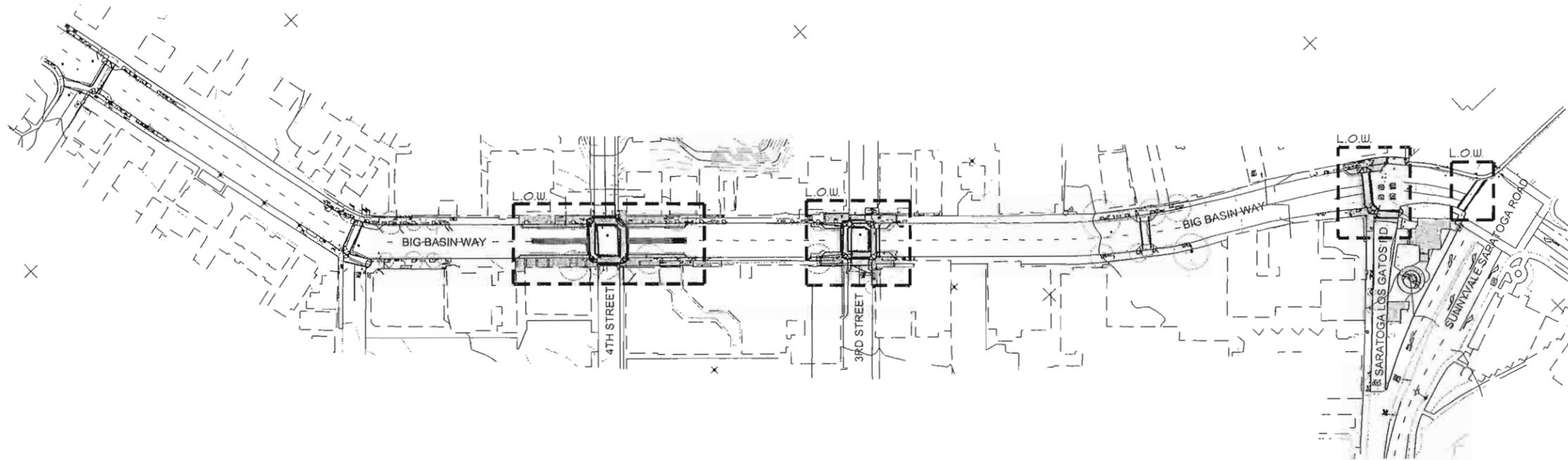


SARATOGA VILLAGE PEDESTRIAN ENHANCEMENT

FEDERAL NO. CML - 5332 (013)

CITY OF SARATOGA

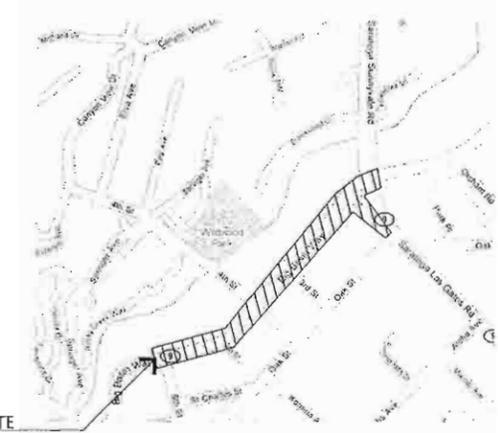
SARATOGA, CALIFORNIA



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LOCATION MAP



PROJECT SITE



APPROVED BY: Macedonio Nunez
 MACEDONIO NUNEZ, P.E.
 ASSOCIATE ENGINEER
 CITY OF SARATOGA - PUBLIC WORKS
 R.C.E. NO. 67482, LIC. EXP. 06-30-11
 DATE: 3/18/10

GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN

2677 CROW CANYON RD, SAN RAMON, CA 94583
 TEL: 925-736-8176 FAX: 925-838-0001
 WWW.DGATES.COM

SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS
 SARATOGA, CA
 BID SET

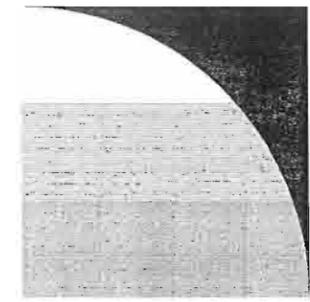
REVISION: DESCRIPTION: DATE:



PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P3866
 PROJECT FILE: D:\SARATOGA VILLAGE.DWG
 DRAWN: GL/CJS
 CHECK: KC
 DATE: MARCH 18, 2010
 SCALE: 1"=10'-0"

COVER

TS-1
 PROJECT NORTH 1 OF 38 SHEETS

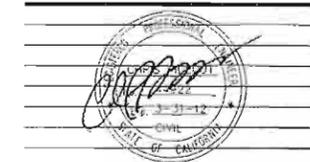


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PEDESTRIAN
ENHANCEMENTS
 SARATOGA, CA
 BID SET

REVISION: DESCRIPTION: DATE:



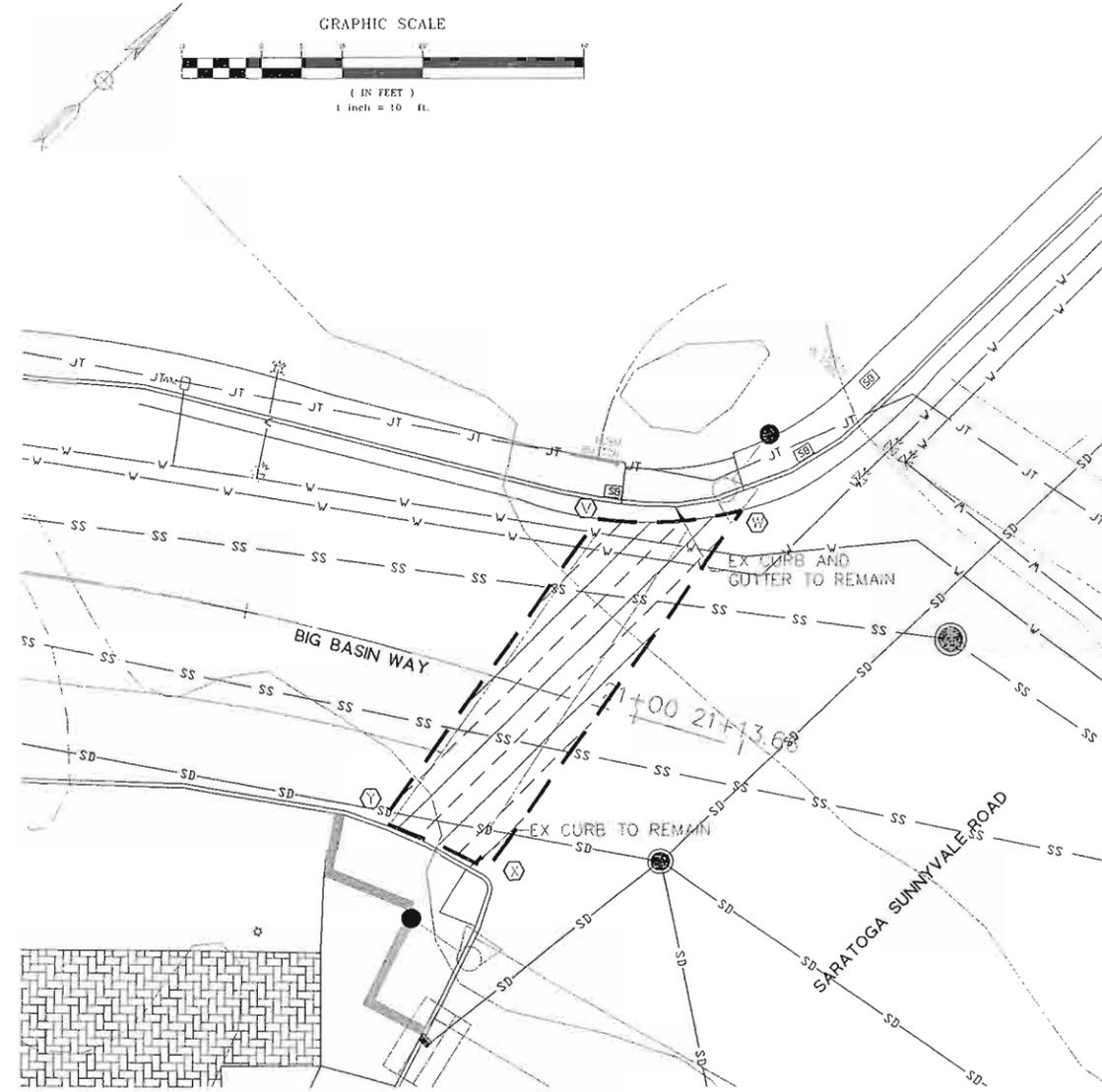
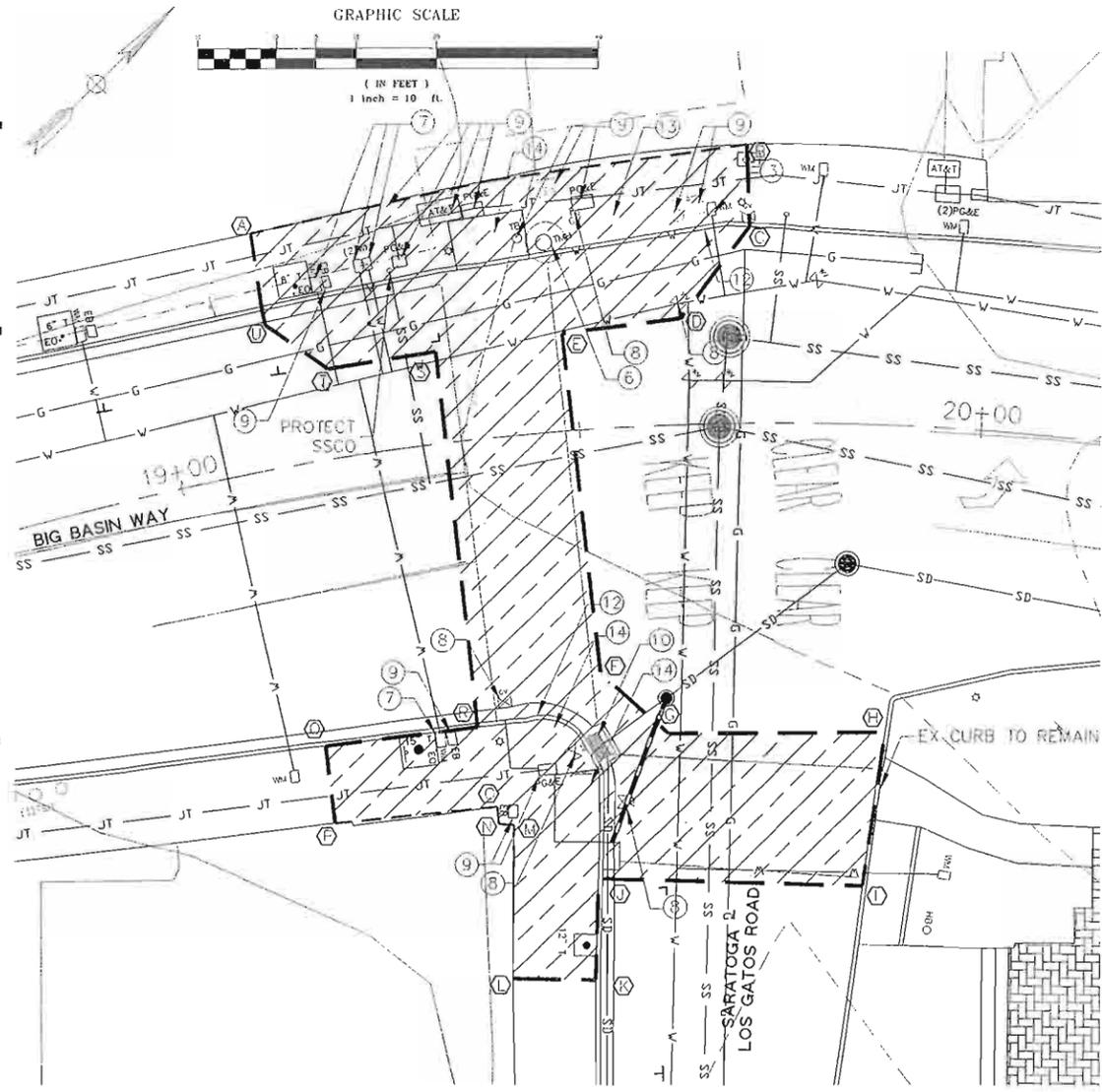
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 PROJECT NUMBER: P3866
 PROJECT FILE: 09 C-SARATOGA VILLAGE.DWG
 DRAWN: MK/AL
 CHECK: CR
 DATE: MARCH 16, 2010

SCALE: 1"=10'

DEMOLITION SHEET

DM-1

PROJECT NORTH 3 OF 38 SHEETS



LEGEND

-  REMOVE EXISTING IMPROVEMENTS
-  SAWCUT
-  LIMIT OF SIDEWALK REMOVAL

NOTES:

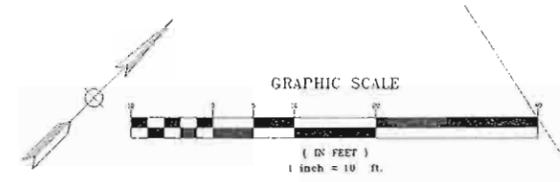
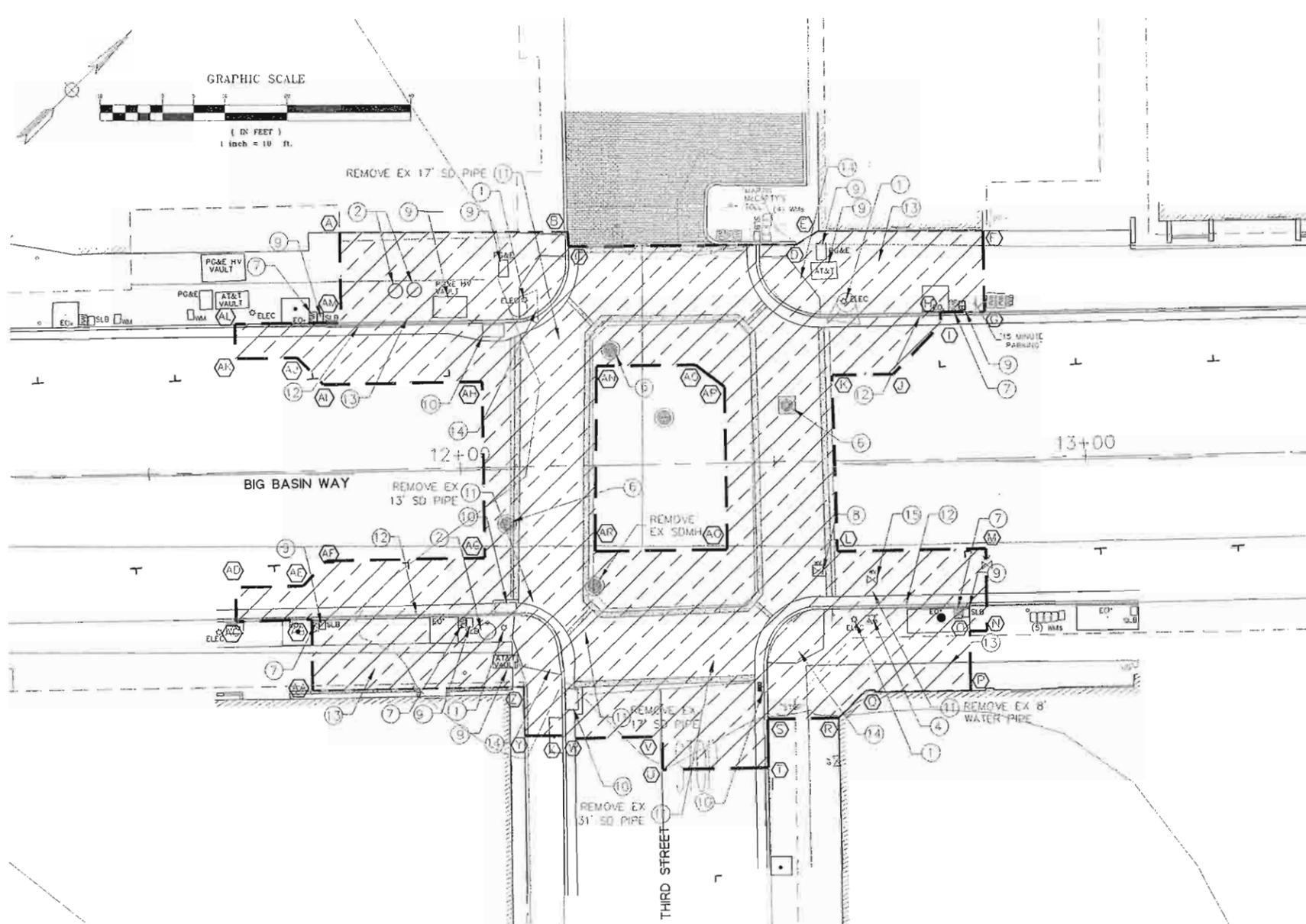
PROTECT ALL STREET LIGHTS AND SIGNS WITHIN DEMOLITION LIMITS UNLESS OTHERWISE SPECIFIED ON PLAN.

- ① RELOCATE STREET LIGHT (PER LANDSCAPE PLAN)
- ② RELOCATE TRASH RECEPTACLE (PER LANDSCAPE PLAN)
- ③ RELOCATED WATER METER BY OTHERS. CONTRACTOR TO COORDINATE WITH SAN JOSE WATER DISTRICT
- ④ RELOCATE FIRE HYDRANT
- ⑤ NOT USED
- ⑥ PROTECT MANHOLE
- ⑦ PROTECT WATER METER
- ⑧ PROTECT VALVE
- ⑨ PROTECT UTILITY VAULT/BOX
- ⑩ REMOVE CATCH BASIN
- ⑪ REMOVE UTILITY PIPE
- ⑫ REMOVE EXISTING CURB AND GUTTER WITHIN SAWCUT LIMITS
- ⑬ REMOVE EXISTING SIDEWALK WITHIN SAWCUT LIMITS
- ⑭ REMOVE EXISTING CURB RAMP
- ⑮ REMOVE WATER VALVE

DEMOLITION LIMITS:

LIMIT	STATION	LIMIT	STATION
A	19+13.66, 29.11 LT	N	19+34.70, 47.48 RT
B	19+71.08, 34.21 LT	O	19+34.76, 45.34 RT
C	19+71.24, 24.13 LT	P	19+11.57, 44.38 RT
D	19+62.83, 13.05 LT	Q	19+12.12, 34.79 RT
E	19+48.68, 11.99 LT	R	19+33.30, 34.30 RT
F	19+50.57, 30.13 RT	S	19+33.34, 11.28 LT
G	19+59.57, 37.98 RT	T	19+20.27, 11.03 LT
H	19+89.81, 37.87 RT	U	19+13.67, 17.61 LT
I	19+87.50, 56.97 RT	V	20+88.74, 22.20 LT
J	19+48.31, 55.41 RT	W	21+05.65, 28.12 LT
K	19+46.82, 67.94 RT	X	20+87.74, 23.05 RT
L	19+34.20, 66.78 RT	Y	20+73.62, 21.02 RT
M	19+36.84, 47.82 RT		

*ACTUAL DEMOLITION LIMIT AT V, W, X, AND Y WILL BE IDENTIFIED IN FIELD BY ENGINEER TO AVOID CONFLICT WITH EXISTING SIGNAL LOOP DETECTOR.



LEGEND

-  REMOVE EXISTING IMPROVEMENTS
-  SAWCUT 
-  LIMIT OF SIDEWALK REMOVAL

NOTES:

PROTECT ALL STREET LIGHTS AND SIGNS WITHIN DEMOLITION LIMITS UNLESS OTHERWISE SPECIFIED ON PLAN.

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- ⑭ REMOVE EXISTING CURB RAMP
- ⑮ REMOVE WATER VALVE

DEMOLITION LIMITS:

LIMIT	STATION	LIMIT	STATION	LIMIT	STATION
A	11+81.35, 37.89 LT	P	12+80.85, 37.05 RT	AD	11+63.58, 18.26 RT
B	12+17.82, 37.23 LT	Q	12+64.14, 36.78 RT	AE	11+74.35, 18.24 RT
C	12+17.91, 34.92 LT	R	12+59.67, 41.02 RT	AF	11+78.27, 14.32 RT
D	12+54.15, 34.47 LT	S	12+48.30, 41.00 RT	AG	12+03.58, 14.37 RT
E	12+57.86, 36.57 LT	T	12+48.30, 48.70 RT	AH	12+03.67, 13.63 LT
F	12+84.19, 36.15 LT	U	12+31.61, 48.69 RT	AI	11+78.31, 13.68 LT
G	12+84.18, 23.35 LT	V	12+31.61, 43.42 RT	AJ	11+74.07, 18.06 LT
H	12+77.09, 23.34 LT	W	12+15.57, 43.41 RT	AK	11+64.17, 18.10 LT
I	12+77.09, 21.35 LT	X	12+13.51, 42.96 RT	AL	11+64.19, 23.64 LT
J	12+69.36, 13.58 LT	Y	12+09.55, 42.91 RT	AM	11+81.33, 23.56 LT
K	12+59.60, 13.58 LT	Z	12+09.51, 35.15 RT	AN	12+22.02, 15.75 LT
L	12+59.90, 14.42 RT	AA	11+75.66, 35.05 RT	AO	12+37.97, 15.64 LT
M	12+83.66, 14.40 RT	AB	11+75.68, 23.62 RT	AP	12+42.38, 12.06 LT
N	12+83.65, 27.52 RT	AC	11+63.58, 23.74 RT	AQ	12+42.29, 13.81 RT
O	12+80.85, 27.52 RT			AR	12+21.24, 13.67 RT

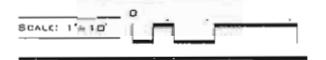
GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN
 2671 CROW CANYON RD. SAN RAMON, CA. 94583
 TEL: 925.736.0176 FAX: 925.838.8901
 WWW.GGATES.COM

SARATOGA VILLAGE
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 ENHANCEMENTS
 SARATOGA, CA
 BID SET

REVISION: DESCRIPTION: DATE:

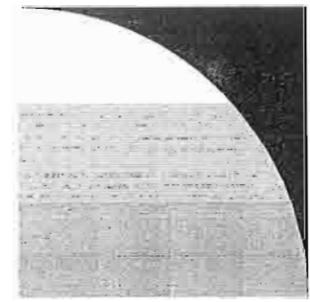


PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P3866
 PROJECT FILE: 05 C-SARATOGA VILLAGE.DWG
 DRAWN: MK/JAL
 CHECK: CR
 DATE: MARCH 16, 2010



DEMOLITION SHEET

DM-2
 PROJECT NORTH 4 OF 38 SHEETS



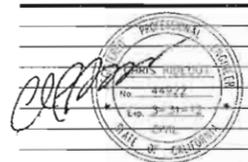
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 LAND PLANNING URBAN DESIGN

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SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS

SARATOGA, CA
 BID SET

REVISION: DESCRIPTION: DATE:

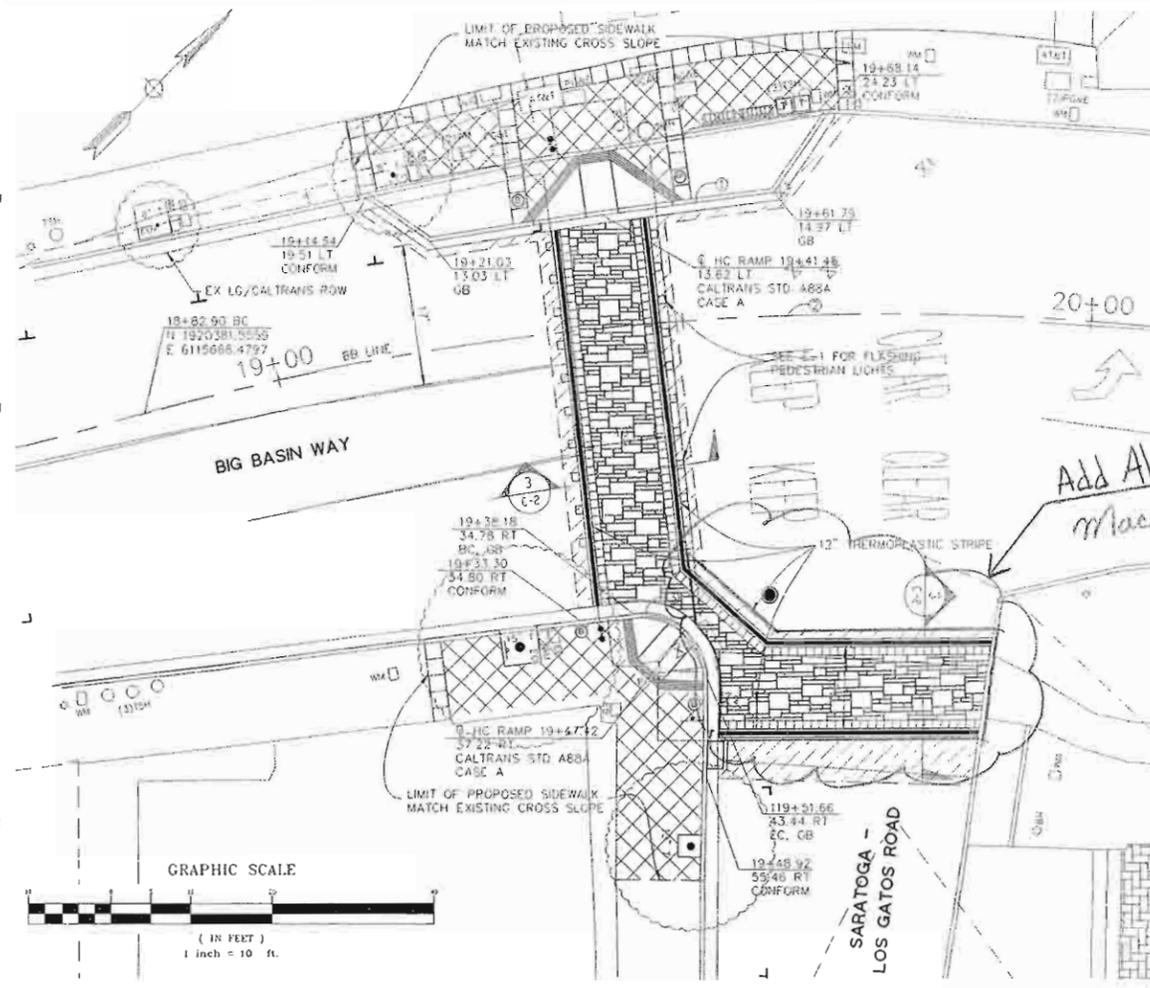


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 CHECK: CR
 DATE: MARCH 16, 2010

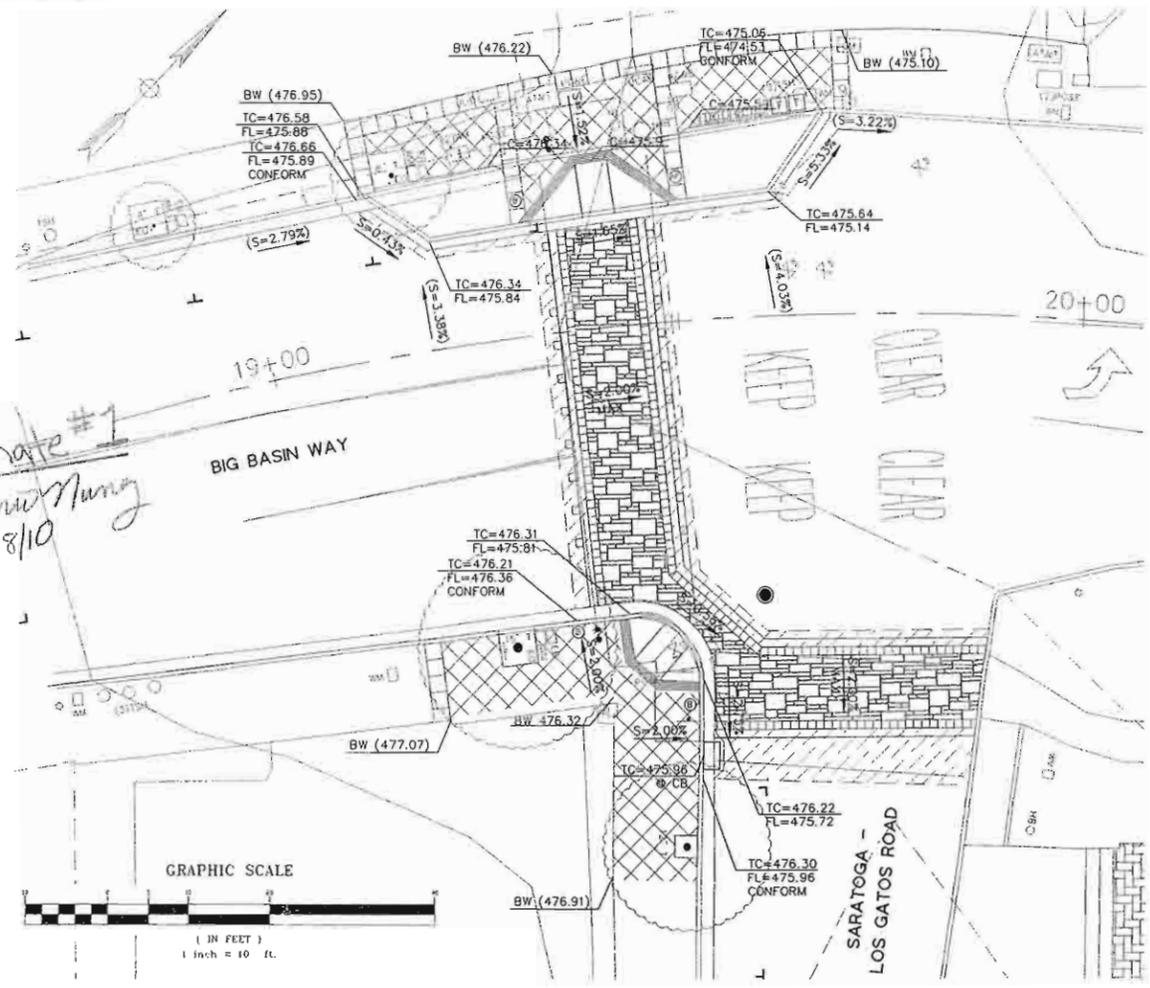
SCALE: 1" = 10'

LAYOUT & DRAINAGE PLAN

PROJECT NORTH 7 OF 38 SHEETS

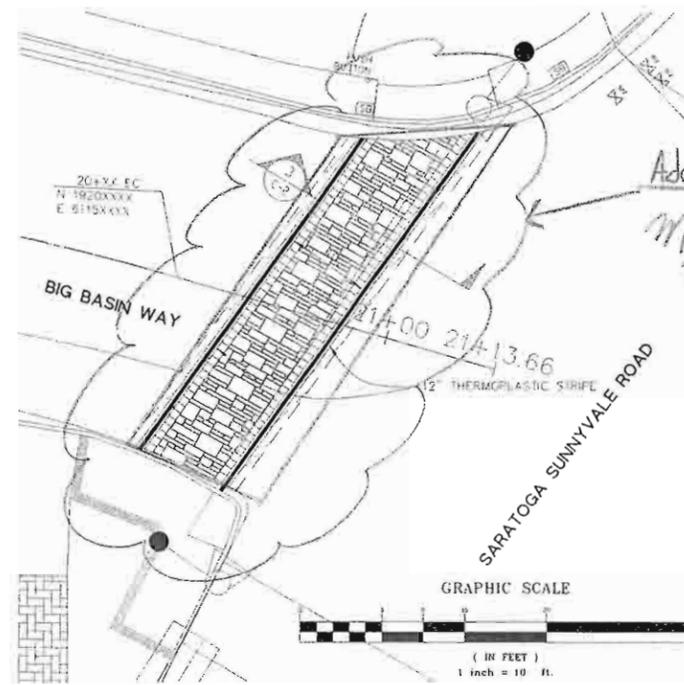


BIG BASIN WAY & SARATOGA LOS GATOS ROAD LAYOUT PLAN

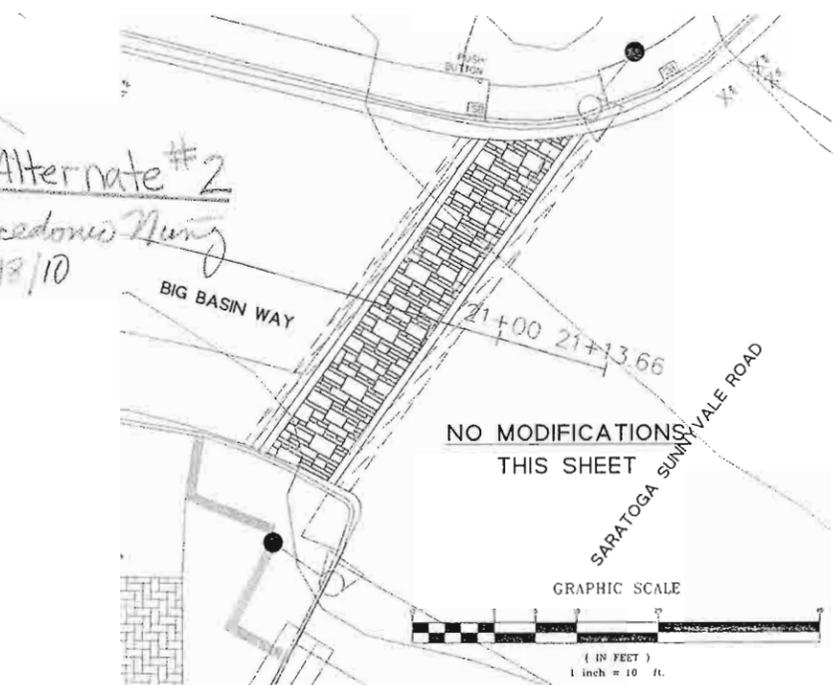


BIG BASIN WAY & SARATOGA LOS GATOS ROAD GRADING PLAN

CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	DELTA	NORTHING	EASTING
1	42.42	958.00	21.21	2°32'12"	1919863.54	116452.39
2	190.70	350.00	97.78	31°13'04"	1920203.57	115964.04
3	13.45	8.00	6.94	96°19'27"	1920396.81	115725.14



BIG BASIN WAY & SARATOGA SUNNYVALE ROAD LAYOUT PLAN



BIG BASIN WAY & SARATOGA SUNNYVALE ROAD GRADING PLAN

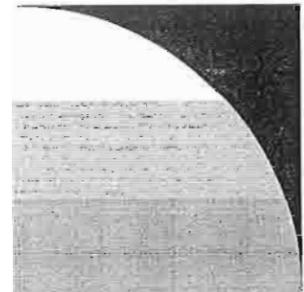
LEGEND

- PROPOSED CROSSWALK (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED MEDIAN PLANTER (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED TEXTURED MEDIAN (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED HMA-A PLUG, 12" DEPTH

Add Alternate #1
Macedonio Nung
3/18/10

Add Alternate #2
Macedonio Nung
3/18/10

NO MODIFICATIONS
 THIS SHEET



GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN

2071 CROW CANYON RD, SAN RAMON, CA, 94583
 TEL: 925.736.8176 FAX: 925.838.8901
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SARATOGA VILLAGE
PEDESTRIAN
ENHANCEMENTS
 SARATOGA, CA
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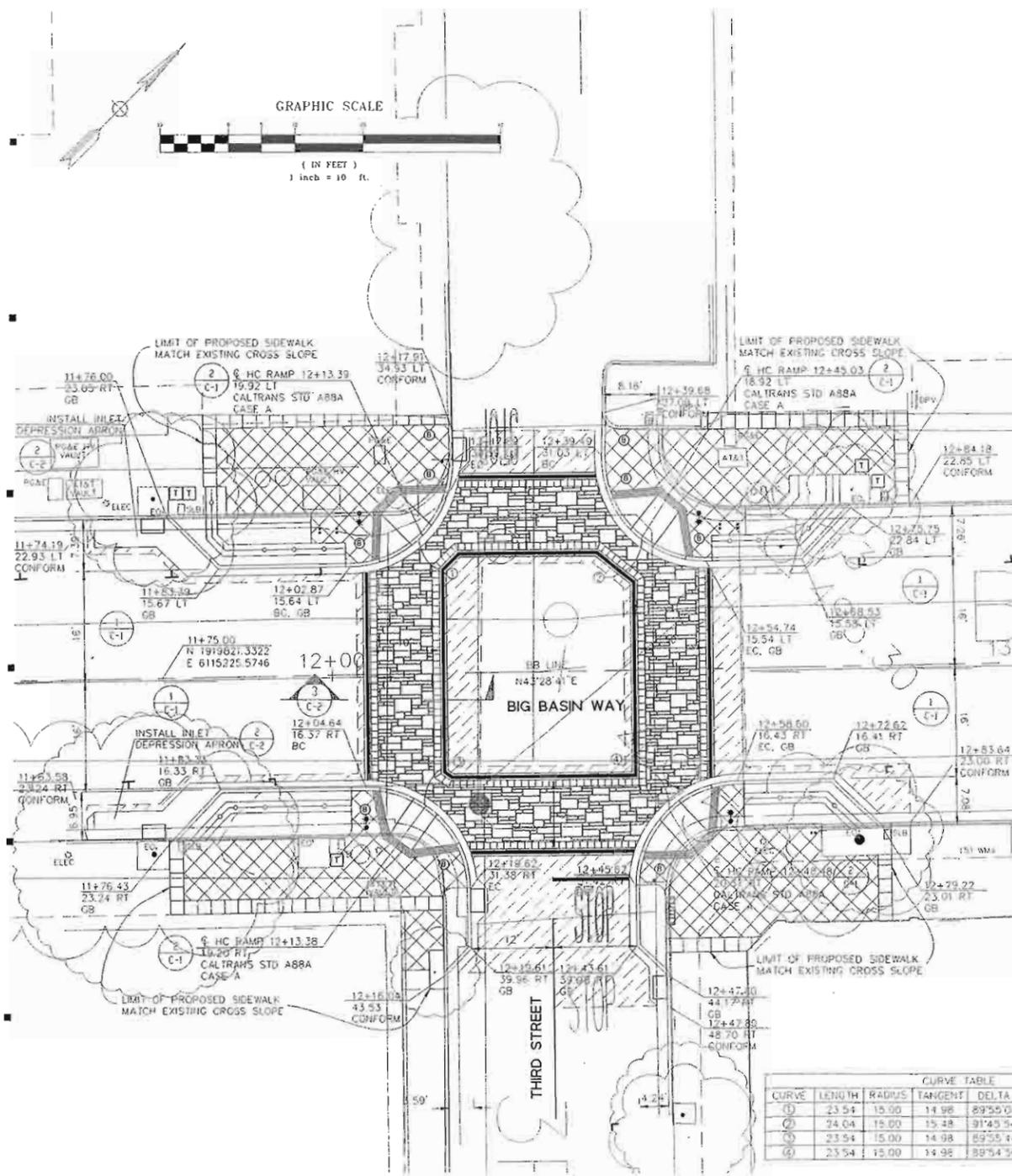
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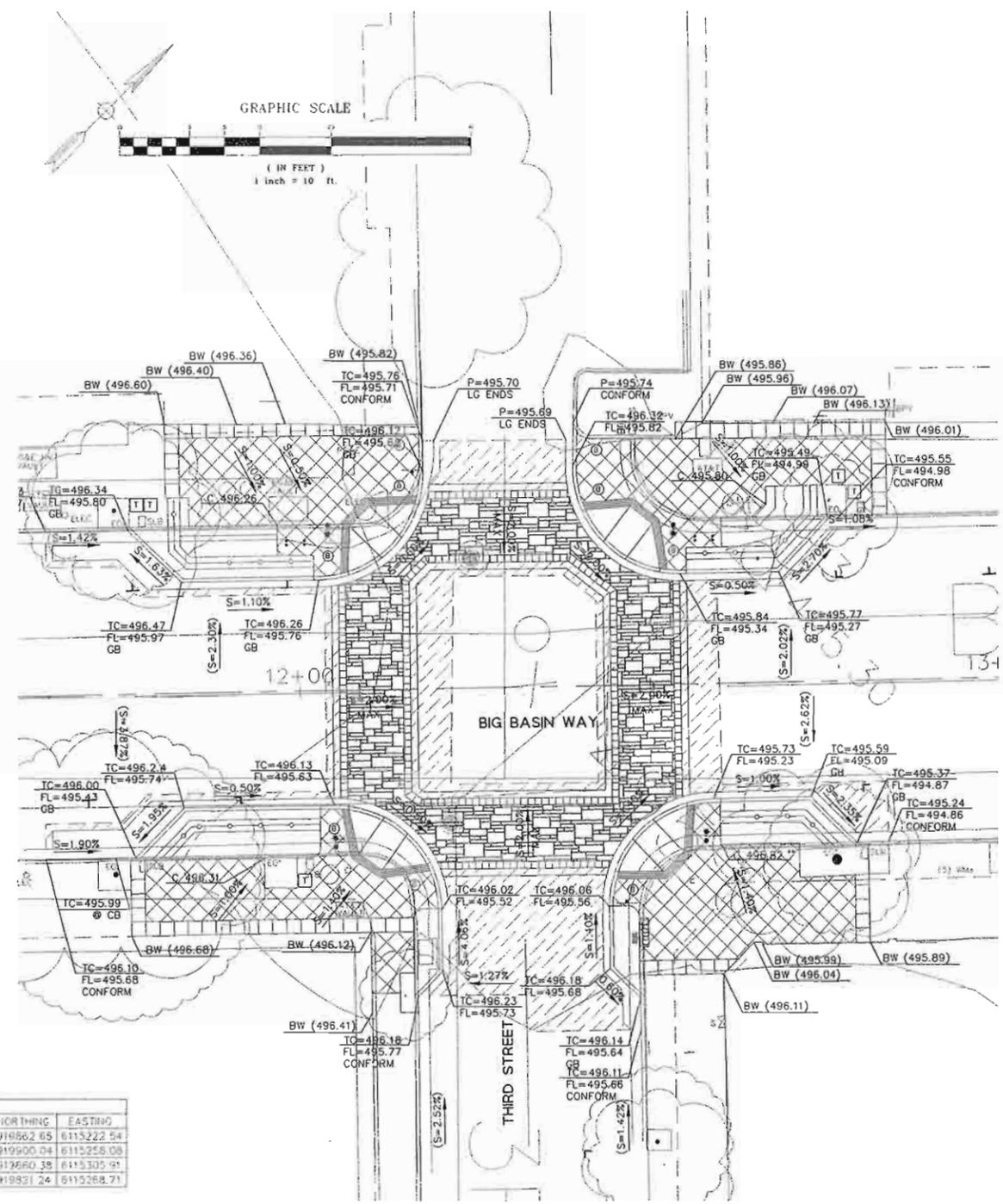
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 PROJECT FILE: DG C-SARATOGA VILLAGE.DWG
 DRAWN: MK/AL
 CHECK: CR
 DATE: MARCH 16, 2010

SCALE: 1" = 10'

LAYOUT & DRAINAGE PLAN

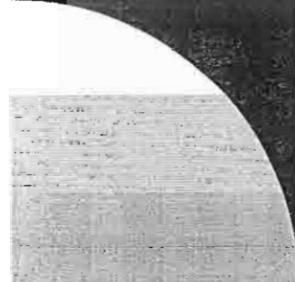


BIG BASIN WAY & THIRD STREET
LAYOUT PLAN



BIG BASIN WAY & THIRD STREET
GRADING PLAN

-  PROPOSED CROSSWALK (SEE LANDSCAPE PLANS FOR DETAIL)
-  PROPOSED MEDIAN PLANTER (SEE LANDSCAPE PLANS FOR DETAIL)
-  PROPOSED TEXTURED MEDIAN (SEE LANDSCAPE PLANS FOR DETAIL)
-  PROPOSED HMA-A PLUG, 12" DEPTH

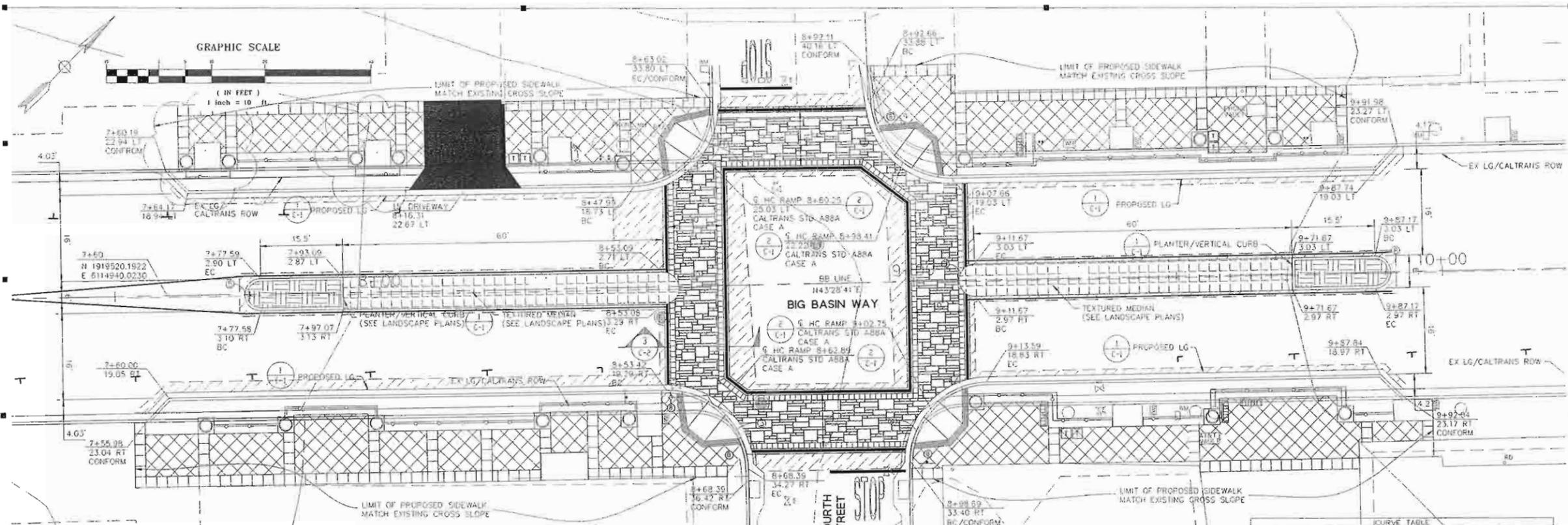


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 LANDSCAPE ARCHITECTURE
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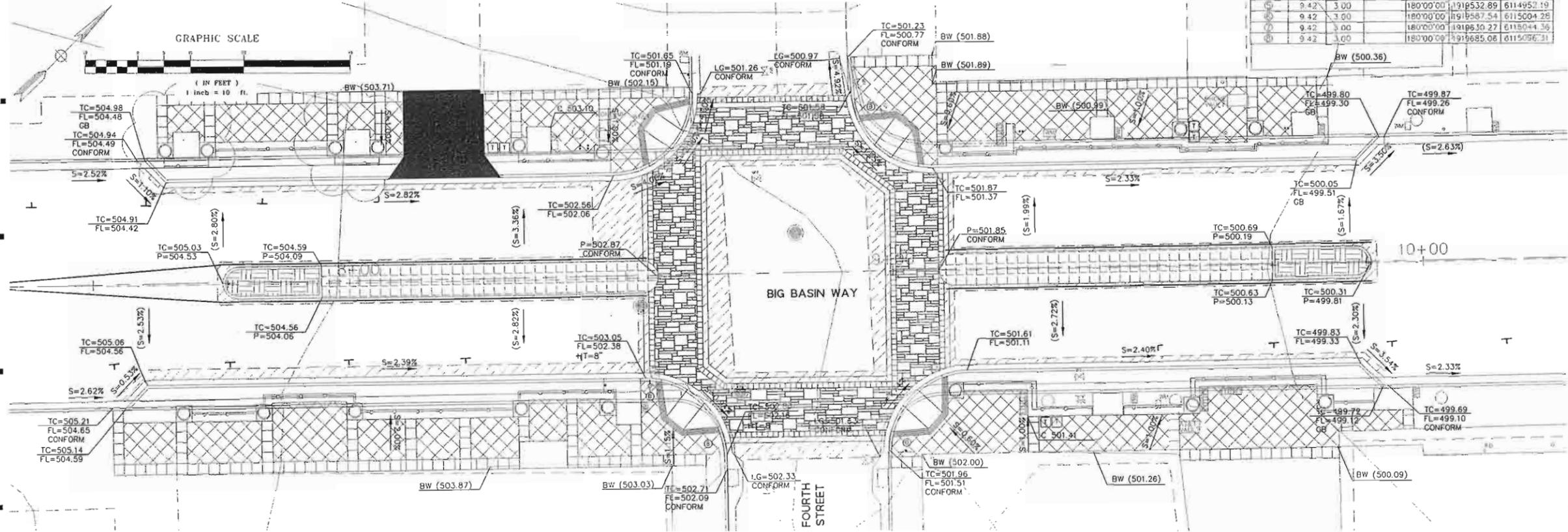
SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS

SARATOGA, CA
 BID SET



**BIG BASIN WAY & FOURTH STREET
 LAYOUT PLAN**

CURVE	LENGTH	RADIUS	TANGENT	DELTA	NORTHING	EASTING
(1)	23.65	15.00	15.08	90°19'25"	1919607.27	6114976.12
(2)	23.41	15.00	14.84	89°25'04"	1918650.76	6115016.93
(3)	23.50	15.00	14.24	89°46'24"	1919608.34	6115070.42
(4)	23.00	15.00	14.45	87°51'08"	1919564.37	6115079.16
(5)	9.42	3.00	180°00'00"		1918532.89	6114952.19
(6)	9.42	3.00	180°00'00"		1918587.54	6115004.28
(7)	9.42	3.00	180°00'00"		1918630.27	6115044.36
(8)	9.42	3.00	180°00'00"		1919685.08	6115096.31



**BIG BASIN WAY & FOURTH STREET
 GRADING PLAN**

LEGEND

- PROPOSED CROSSWALK (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED MEDIAN PLANTER (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED TEXTURED MEDIAN (SEE LANDSCAPE PLANS FOR DETAIL)
- PROPOSED HMA-A PLUG, 12" DEPTH

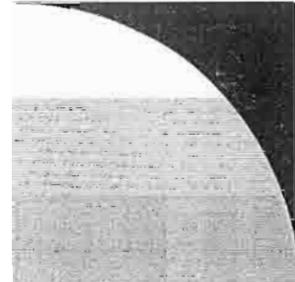
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 PROJECT NUMBER: P3866
 PROJECT FILE: 05 C-SARATOGA VILLAGE.DWG
 DRAWN: MK/JAL
 CHECK: CR
 DATE: MARCH 16, 2010

SCALE: 1" = 10'

**LAYOUT & DRAINAGE
 PLAN**



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 TEL: 925.735.8175 FAX: 925.038.0901
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 ENHANCEMENTS

SARATOGA, CA

BID SET

REVISION: DESCRIPTION: DATE:



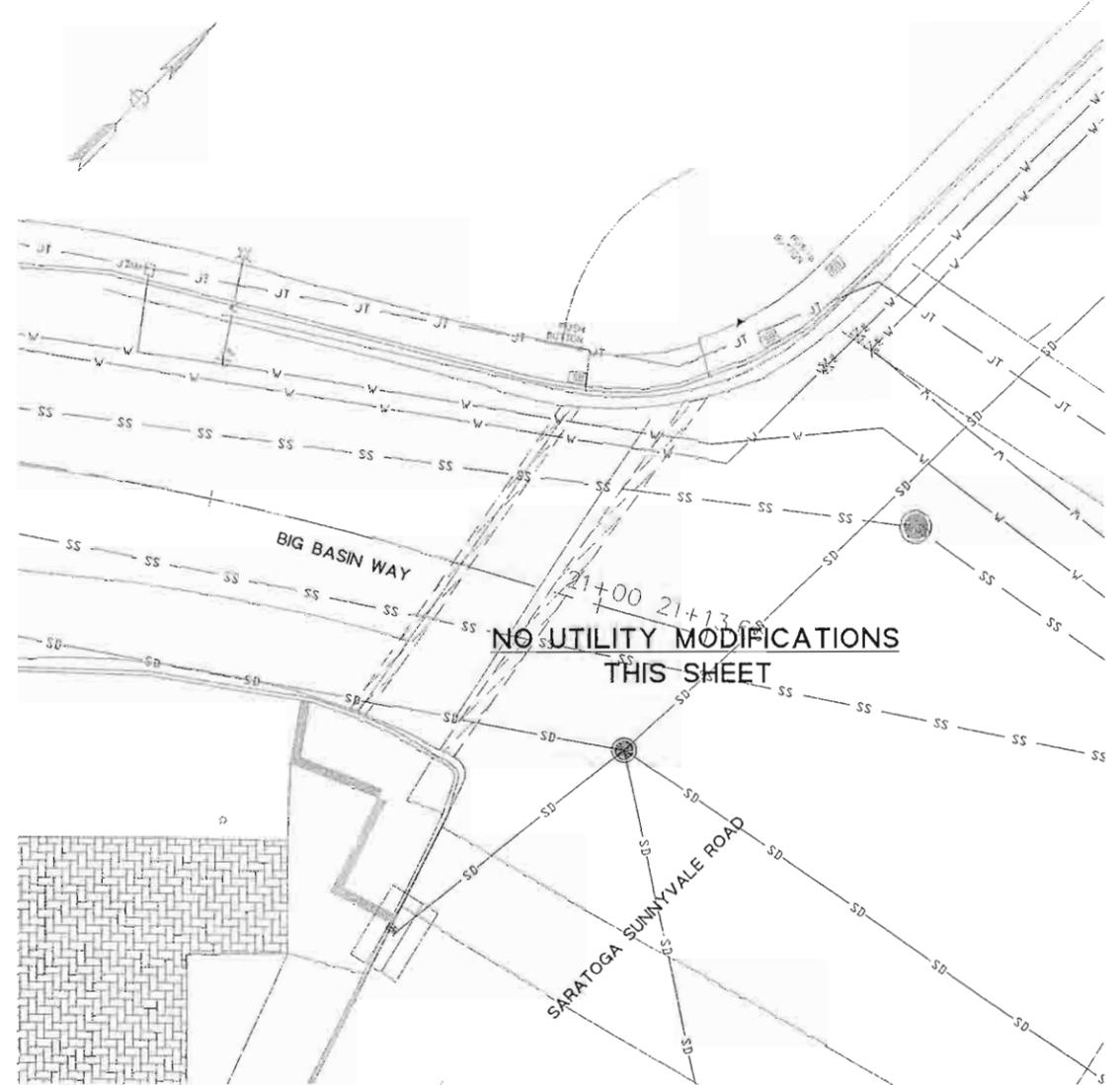
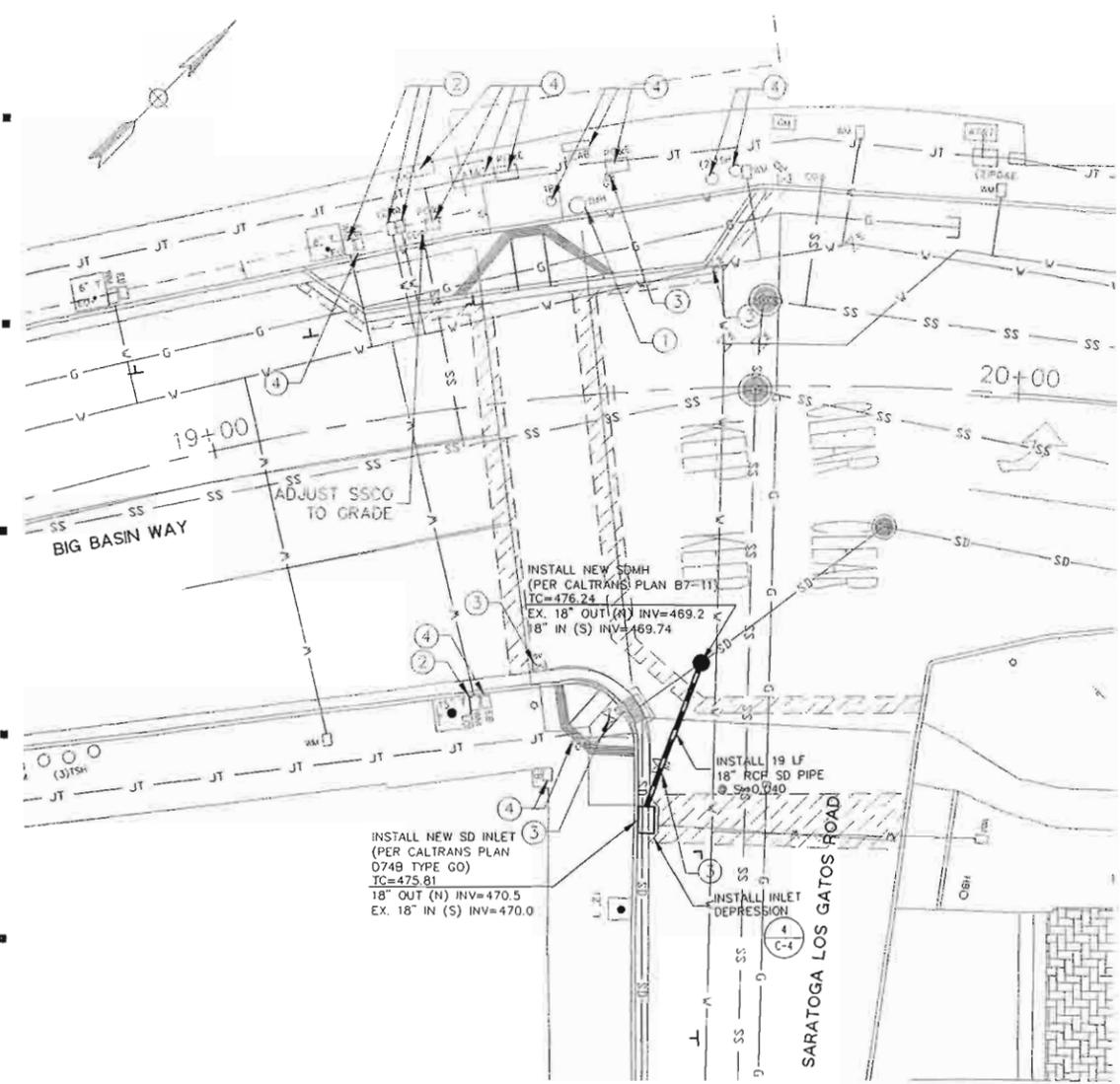
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 PROJECT NUMBER: P3866
 PROJECT FILE: DE C-SARATOGA VILLAGE.DWG
 DRAWN: MK/AL
 CHECK: CR
 DATE: MARCH 16, 2010



UTILITY PLAN

U-1

PROJECT NORTH 10 OF 38 SHEETS

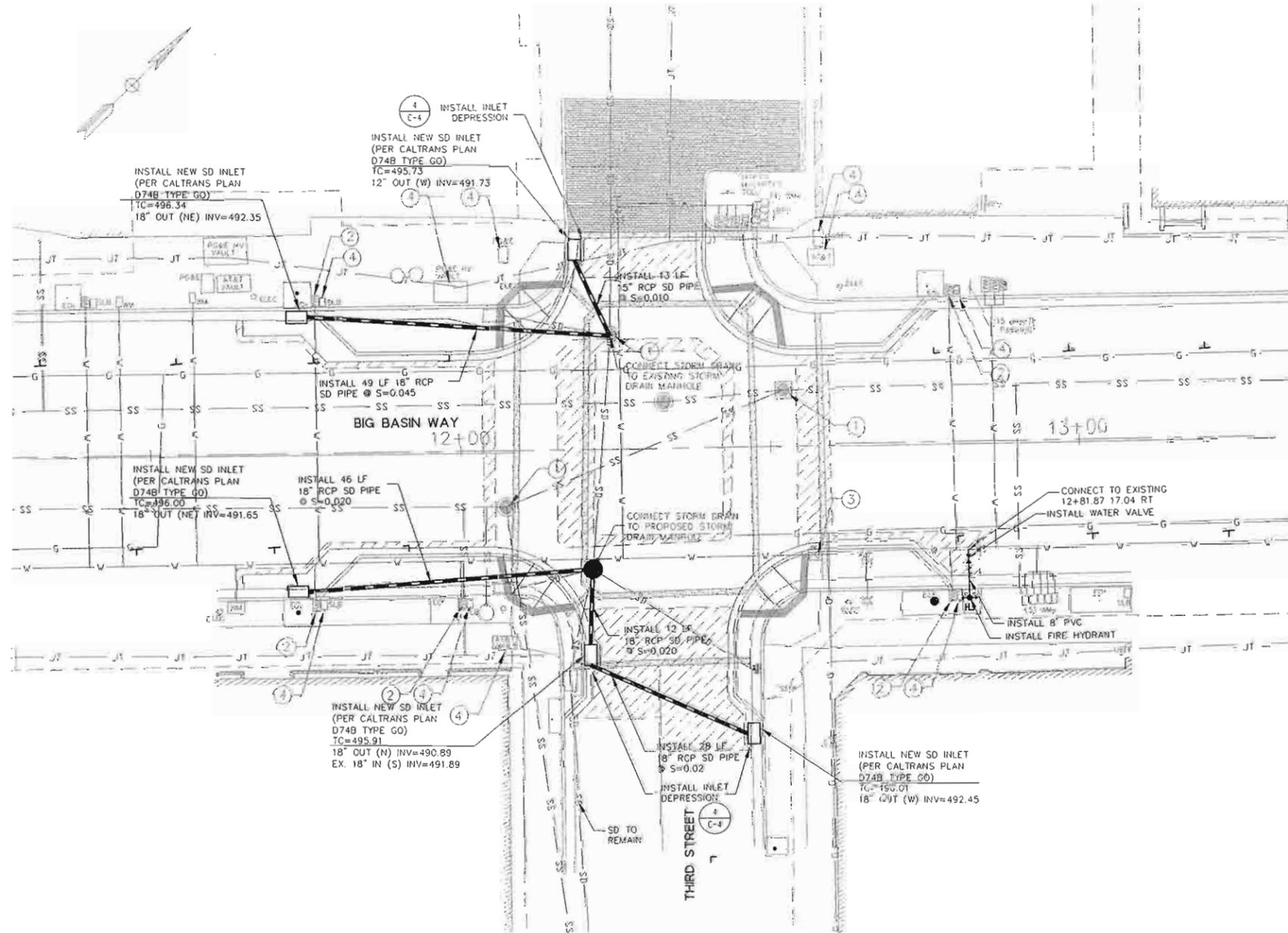


LEGEND

- S — (E) SANITARY SEWER MAIN
- W — (E) WATER MAIN
- SD — (EX) STORM DRAIN
- JT — (EX) JOINT TRENCH
- WV, WM (EX) WATER VALVE, WATER METER
- FH (EX) FIRE HYDRANT
- (EX) SANITARY SEWER MANHOLE
- (EX) STORM DRAIN MANHOLE
- (EX) TREE
- SSCO (EX) SANITARY SEWER CLEANOUT (SSCO)
- (EX) STORM DRAIN INLET
- (PR) STORM DRAIN
- (PR) STORM DRAIN INLET
- FH (PR) FIRE HYDRANT
- (PR) STORM DRAIN MANHOLE

NOTES:

1. ALL NEW INLETS SHALL BE PER CALTRANS STANDARD PLAN D74B TYPE GO.
- ① ADJUST MANHOLE TO GRADE
- ② ADJUST METER TO GRADE
- ③ ADJUST VALVE TO GRADE
- ④ ADJUST UTILITY VAULT/BOX TO GRADE



LEGEND

- S — (E) SANITARY SEWER MAIN
- W — (EX) WATER MAIN
- SD — (EX) STORM DRAIN
- JT — (EX) JOINT TRENCH
- ⊗ W.V. ⊗ W.M. (EX) WATER VALVE, WATER METER
- ⊙ FH (EX) FIRE HYDRANT
- ⊙ (EX) SANITARY SEWER MANHOLE
- ⊙ (EX) STORM DRAIN MANHOLE
- ⊙ (EX) TREE
- ⊙ SSCO (EX) SANITARY SEWER CLEANOUT (SSCO)
- (EX) STORM DRAIN INLET
- PR — (PR) STORM DRAIN
- (PR) STORM DRAIN INLET
- ⊙ FH (PR) FIRE HYDRANT
- (PR) STORM DRAIN MANHOLE

NOTES:

1. ALL NEW INLETS SHALL BE PER CALTRANS STANDARD PLAN D74B TYPE GO
- ① ADJUST MANHOLE TO GRADE
- ② ADJUST METER TO GRADE
- ③ ADJUST VALVE TO GRADE
- ④ ADJUST UTILITY VAULT/BOX TO GRADE

GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN

2671 CROW CANYON RD. SAN RAMON, CA 94583
 TEL: 925.736.8176 FAX: 925.838.8001
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SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS

SARATOGA, CA
 BID SET

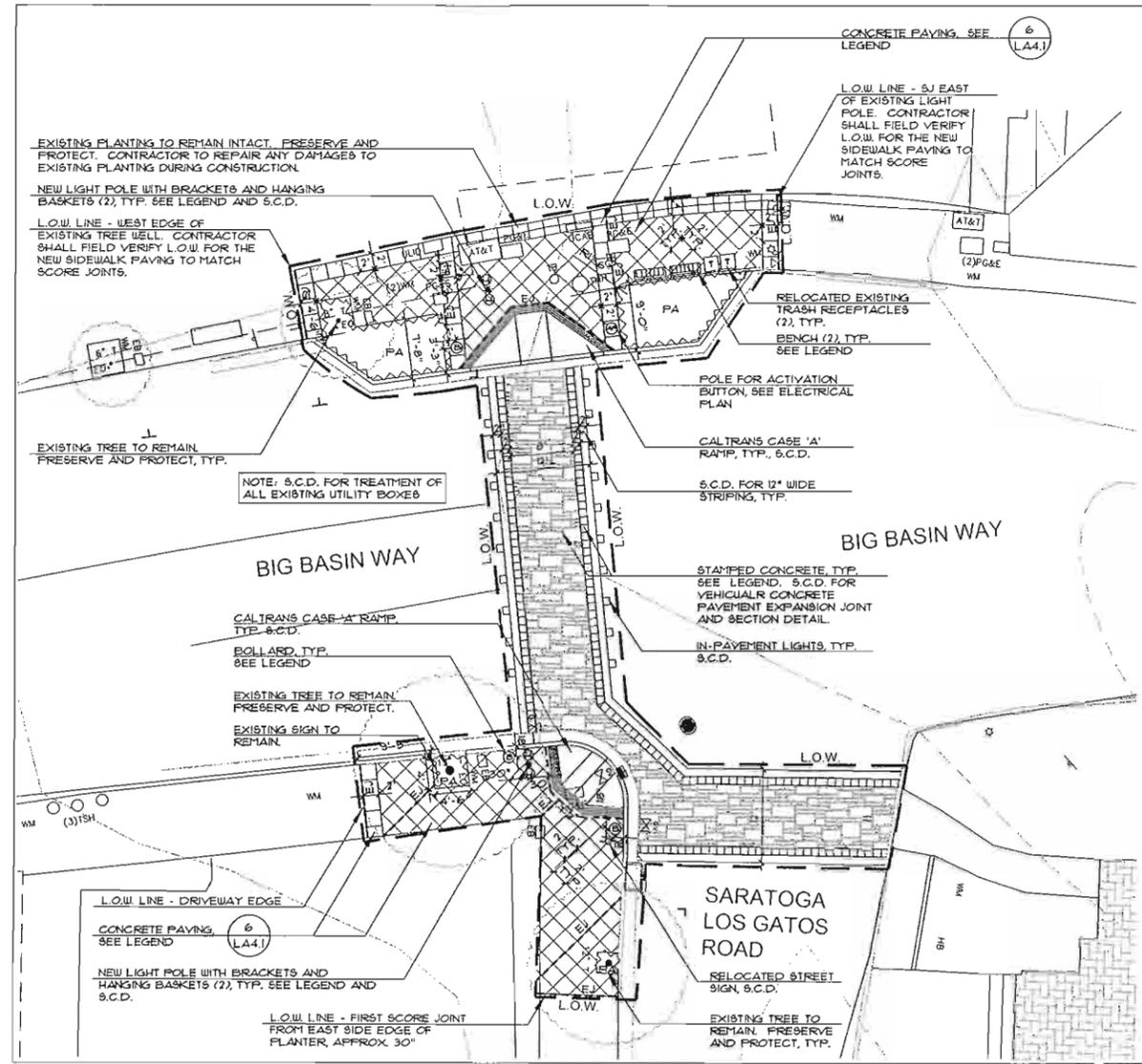
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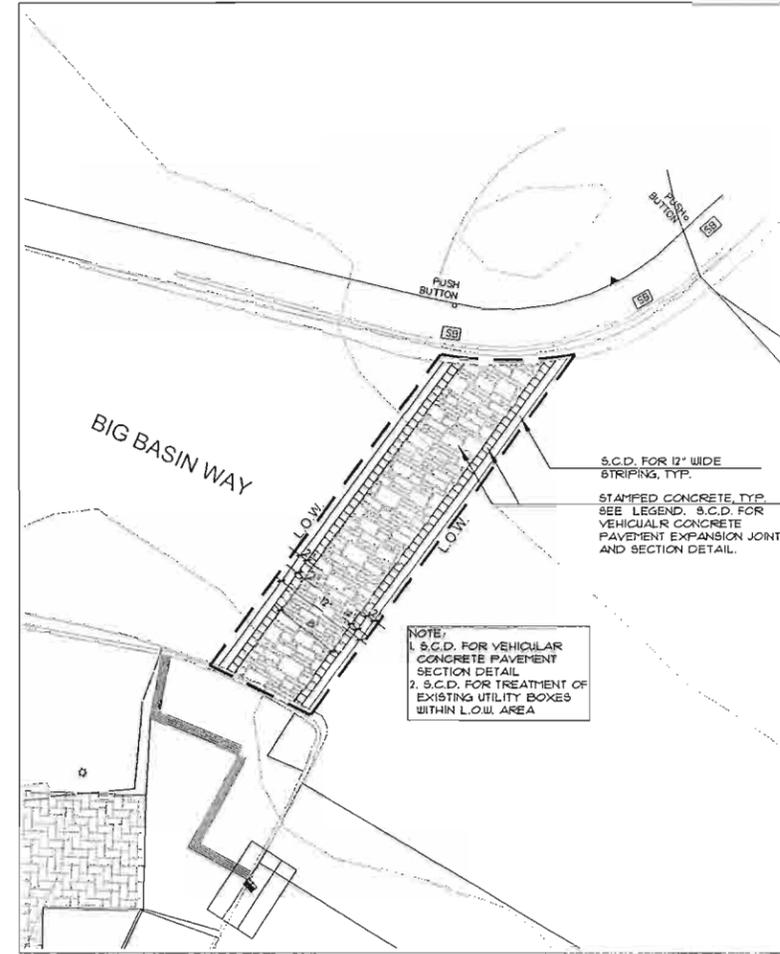
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 PROJECT NUMBER: P3866
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 DRAWN: MK/JAL
 CHECK: CR
 DATE: MARCH 16, 2010

SCALE: 1" = 10'

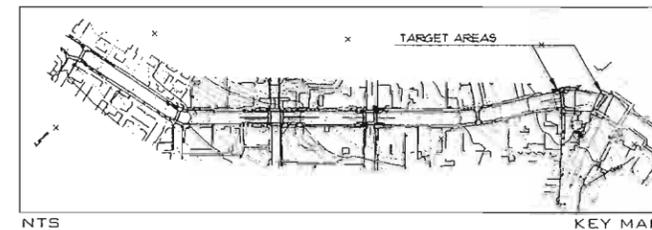
UTILITY PLAN



**BIG BASIN WAY @ SARATOGA LOS GATOS ROAD
LAYOUT PLAN**



**BIG BASIN WAY @ SARATOGA SUNNYVALE
LAYOUT PLAN**



GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN
 1871 CROW CANYON RD, SAN RAMON, CA. 94583
 TEL: 925.736.8176 FAX: 925.749.0801
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 PEDESTRIAN
 ENHANCEMENTS
 SARATOGA, CA
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REVISION: DESCRIPTION: DATE:



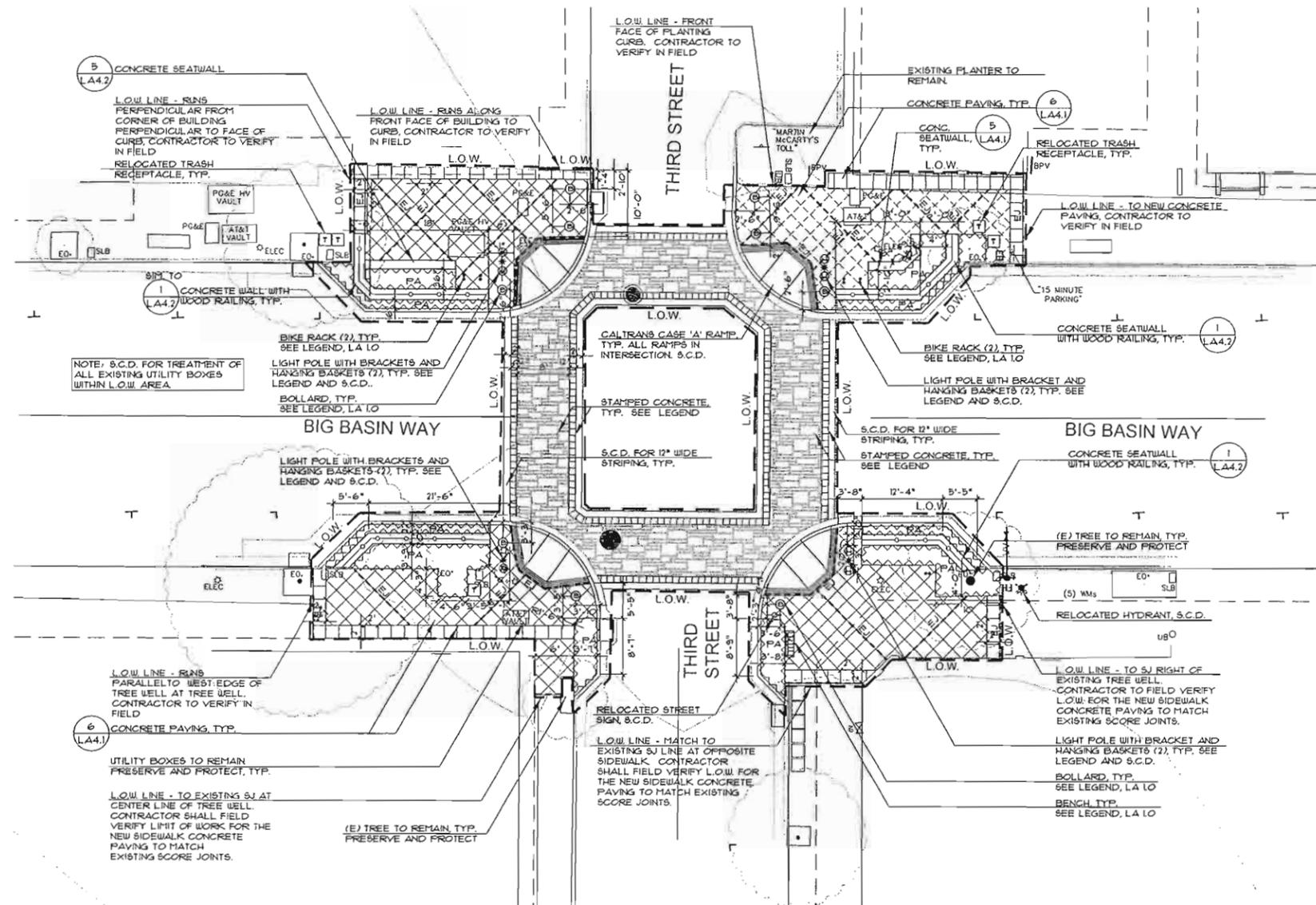
PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P3866
 PROJECT FILE: 00-SARATOGA VILLAGE.DWG
 DRAWN: G.L.C./J.S.
 CHECK: KC
 DATE: MARCH 16, 2010

SCALE: 1" = 10'-0"

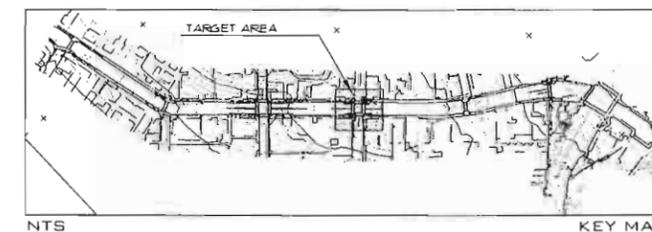
LANDSCAPE PLAN

LA1.1

PROJECT NORTH 18 OF 38 SHEETS



BIG BASIN WAY @ THIRD STREET LAYOUT PLAN



GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN

2671 CROW CANYON RD. SAN RAMON, CA 94583
 TEL: 925.736.8136 FAX: 925.838.8993
 WWW.GGATES.COM

SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS
 SARATOGA, CA
 BID SET

REVISION: DESCRIPTION: DATE:



PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P0866
 PROJECT FILE: DC-SARATOGA VILLAGE.DWG
 DRAWN: G.L.C.J.S.
 CHECK: KC
 DATE: MARCH 16, 2010

SCALE: 1" = 10'-0"

LANDSCAPE PLAN

LA1.2
 PROJECT NORTH 19 OF 38 SHEETS

PLANT LIST

SYMBOL

TREES	BOTANICAL NAME	COMMON NAME	SIZE	O.C. SPACING
OE	<i>Olea europaea</i> 'Swan Hill' - Single Trunk	Swan Hill Olive Tree	24" BOX	AS SHOWN

SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	O.C. SPACING
DV	<i>Dietes grandiflora</i> 'Variegata'	Striped Fortnight Lily	1 GAL	3'-0" O.C.
E5	<i>Epilobium septentrionale</i>	California Fuchsia	1 GAL	2'-0" O.C.
EK	<i>Erigeron karvinkianus</i>	Mexican Daisy	1 GAL	3'-0" O.C.
HA	<i>Hemerocallis</i> 'Aztec Gold'	Evergreen Daylily	1 GAL	18" O.C.
HH	<i>Hemerocallis hybrida</i> 'Apricot'	Evergreen Daylily	1 GAL	2'-0" O.C.
ID	<i>Iris douglasiana</i>	Pacific Coast Iris	1 GAL	2'-0" O.C.
LA	<i>Lavendula angustifolia</i> 'Twickel Purple'	English Lavender	1 GAL	3'-0" O.C.
LY	<i>Lavendula</i> sp.	Lavender	1 GAL	2'-0" O.C.
MA	<i>Mimulus aurantiacus</i>	Sticky Monkey Flower	1 GAL	3'-0" O.C.
FM	<i>Phorium Maori Maiden</i>	Phorium	5 GAL	3'-6" O.C.
FJ	<i>Phorium</i> 'Jack Spratt'	Phorium	5 GAL	2'-0" O.C.
RNP	<i>Rosa x nostrum</i> 'PINK'	Pink Flowering Carpet Rose	1 GAL	2'-0" O.C.
RP	<i>Rosa</i> 'Peach Drift'	Peach Drift Rose	1 GAL	2'-0" O.C.
RR	<i>Rosa rugosa</i>	Rugosa Rose	1 GAL	3'-6" O.C.
RO	<i>Rosmarinus officinalis</i> 'Irene'	Rosemary	1 GAL	2'-0" O.C.
SC	<i>Salvia chamaedryoides</i>	Germander Sage	1 GAL	3'-0" O.C.
SO	<i>Salvia officinalis</i>	Garden Sage	1 GAL	18" O.C.
SR	<i>Santolina rosmarinifolia</i> 'Morning Mist'	Santolina	1 GAL	2'-6" O.C.
SS	<i>Sedum spathulifolium</i> 'Purpureum'	Stonecrop	1 GAL	12" O.C.
TF	<i>Teucrium fruticans</i> 'Compactum'	Bush Germander	5 GAL	3'-0" O.C.

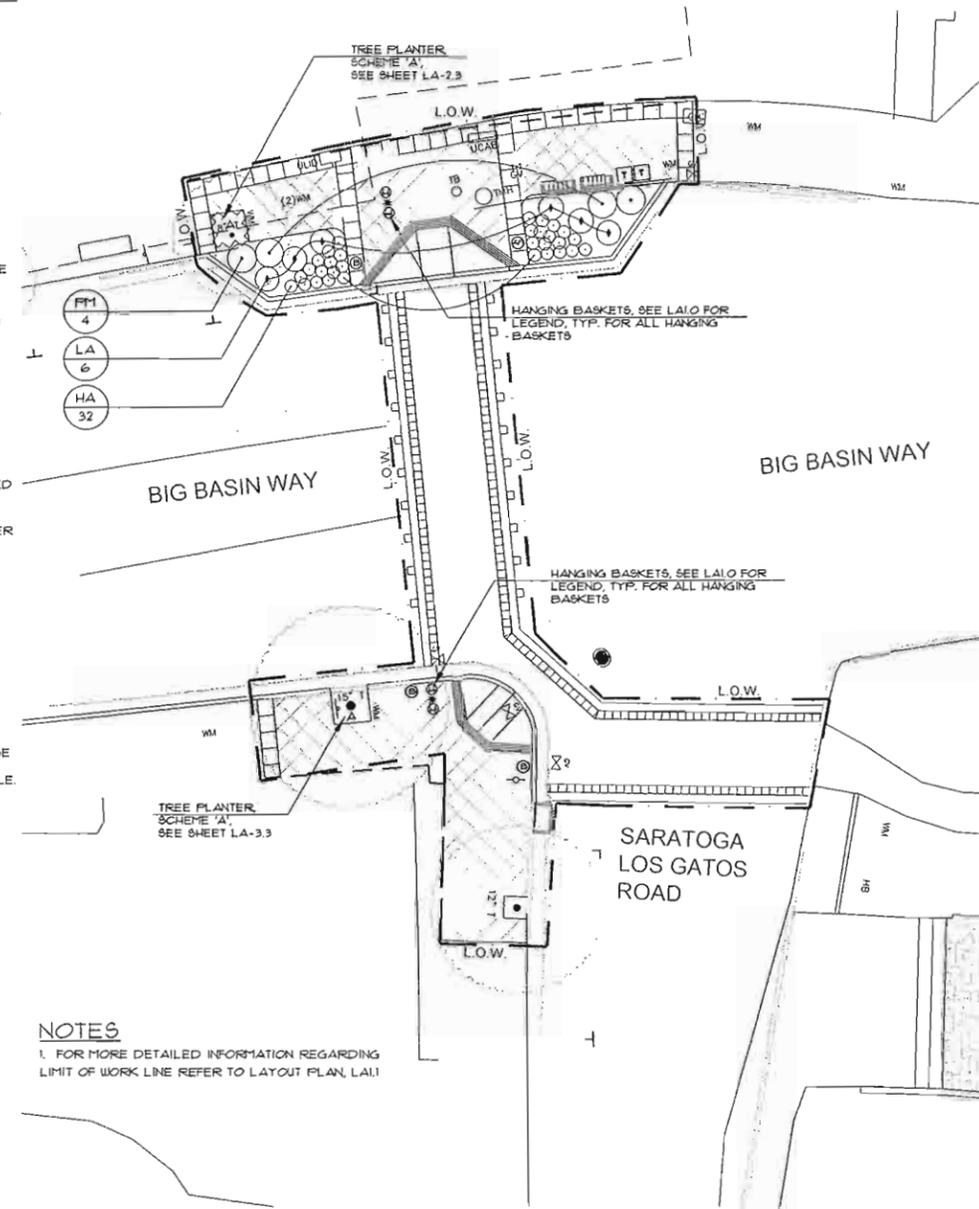
ORNAMENTAL GRASSES	BOTANICAL NAME	COMMON NAME	SIZE	O.C. SPACING
HM	<i>Hakonechloa macro</i> 'Aureola'	Hakone Grass	1 GAL	8" O.C.
MR	<i>Muhlenbergia rigens</i>	Deer Grass	1 GAL	3'-0" O.C.
SB	<i>Sisyrinchium bellum</i>	Blue Eyed Grass	4" POT	0'-6" O.C.
SY	<i>Sisyrinchium californicum</i>	Yellow Eyed Grass	4" POT	0'-6" O.C.

PLANT LEGEND

	TREE NAME	SEE PLANT LIST
	QUANTITY	FOR ADDTL. INFO.
	SHRUB NAME	SEE PLANT LIST
	QUANTITY	FOR ADDTL. INFO.
	EXISTING TREE TO REMAIN	
	TREE PLANTER PLANTING	
	CONFIGURATION DESIGNATION A, B, OR C.	

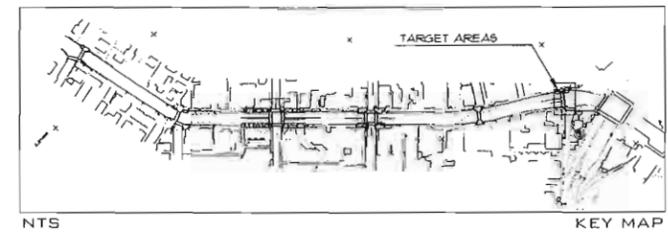
PLANTING NOTES

- ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH PLANTING WORK AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN.
- THE LANDSCAPE CONTRACTOR IS TO PROVIDE AN AGRICULTURAL SUITABILITY ANALYSIS FOR ON-SITE AND IMPORTED TOPSOIL. RECOMMENDATIONS FOR AMENDMENTS CONTAINED IN THIS ANALYSIS ARE TO BE CARRIED OUT BEFORE PLANTING OCCURS.
- PLANT COUNT IS FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE PLAN SHALL GOVERN.
- PLANT MATERIAL LOCATIONS SHOWN ARE DIAGNOSTIC AND MAY BE SUBJECT TO CHANGE IN THE FIELD BY THE LANDSCAPE ARCHITECT. PLANT LOCATIONS ARE TO BE ADJUSTED IN THE FIELD AS NECESSARY TO SCREEN UTILITIES BUT NOT TO BLOCK WINDOWS, SIGNS NOR IMPEDE ACCESS.
- ALL TREES ARE TO BE STAKED AS SHOWN ON THE TREE STAKING/GUYING DIAGRAMS. BRANCHING HEIGHT OF TREES SHALL BE A 6'-0" MINIMUM ABOVE FINISH GRADE. ALL TREES IN A FORMAL GROUP PLANTING SHALL BE MATCHING IN SIZE AND SHAPE. ALL STREET TREES TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY. LANDSCAPE ARCHITECT SHALL BE CONSULTED REGARDING ORIENTATION OF TREES PRIOR TO PLANTING AND/OR BACKFILLING.
- PLANT TREES 3'-0" MINIMUM FROM FACE OF CURB AT PARKING, AND FROM EDGES OF PAVING. ALL TREES WITHIN 5' OF PAVING AREAS SHALL HAVE DEEP ROOT BARRIERS INSTALLED. SEE ROOT BARRIER DETAIL. DEEP ROOT BARRIER MODEL NO. UB.24.2. (415) 344-1464. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- ON GRADE PLANTING BACKFILL MIX SHALL CONSIST OF 2 PARTS NATIVE TOPSOIL AND 1 PART NITRIFIED REDWOOD SOIL CONDITIONER.
- ALL PLANTING AREAS SHALL BE TOP-DRESSED WITH 2" LAYER OF RECYCLED ORGANIC MULCH PER SPEC. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
- ALL SLOPES GREATER THAN 2.5:1 SHALL BE COVERED WITH JUTE NETTING PER THE MANUFACTURER'S SPECIFICATIONS. OVERLAP ALL EDGES A MINIMUM OF 2" AND SECURE AS REQUIRED WITH METAL STAPLES.
- PROVIDE 4" BERM AROUND TREE FOR WATER BASIN. SEE TREE STAKING DETAIL. BERM TO BE REMOVED IN LAWN AREA AFTER INITIAL WATERING. MULCH TREEWELL WITH 2" LAYER OF RECYCLED ORGANIC MULCH. KEEP MULCH AWAY FROM TREE TRUNK.
- EACH PLANT SHALL RECEIVE AGRIFORM SLOW RELEASE PLANT TABLETS; 20-10-5 COMPOSITION. APPLY PER MANUFACTURER'S SPECIFICATIONS. PLACE NEAR ROOTBALL.
- 6 FOR 24" BOX TREES - 2 BELOW AND 4 ON SIDES OF ROOTBALL.
5 FOR 15 GALLON CAN TREES - 1 BELOW AND 4 ON SIDES OF ROOTBALL.
4 FOR 5 GALLON CAN TREES - 1 BELOW AND 3 ON SIDES OF ROOTBALL.
- TREES MUST HAVE AN UNCUIT LEADER THAT HAS A UNIFORM TAPER FROM BASE TO TIP. TREES MUST MEET AT LEAST NORMAL CALIFER AND HEIGHT FOR CONTAINERSIZE. OVERGROWN OR ROOT BOUND TREES ARE NOT ACCEPTABLE.
- GROUNDCOVER SHALL BE PLANTED AS SHOWN ON THE PLAN, INCLUDING UNDER SHRUBS AND IN TREE WATERING BASINS.
- ALL SHRUBS AND PERENNIAL PLANTINGS SHALL BE SET BACK 12" FROM THE EDGE OF HARDSCAPE, INCLUDING CURBS. TOP DRESS THE 12" AREA WITH MULCH.



NOTES
 1. FOR MORE DETAILED INFORMATION REGARDING LIMIT OF WORK LINE REFER TO LAYOUT PLAN, LA11

BIG BASIN WAY @ SARATOGA LOS GATOS RD.



GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN
 3071 CROW CANYON RD. SAN RAMON, CA. 94583
 TEL: 925-336-8176 FAX: 925-838-0401
 WWW.GGATES.COM

SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS
 SARATOGA, CA
 BID SET

REVISION: DESCRIPTION: DATE:

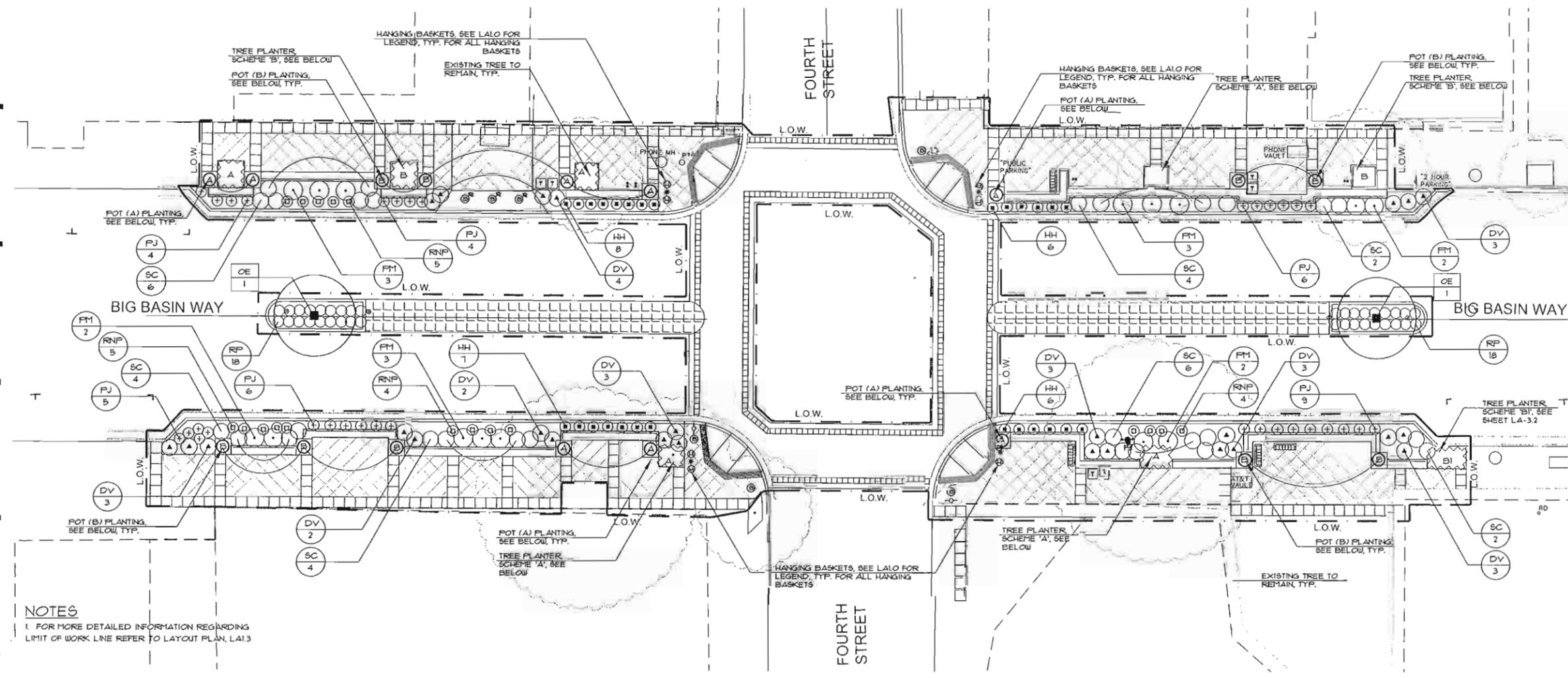


PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P3866
 PROJECT FILE: 3071 SARATOGA VILLAGE DRG
 DRAWN: G.L.CUS
 CHECK: KC
 DATE: MARCH 16, 2010

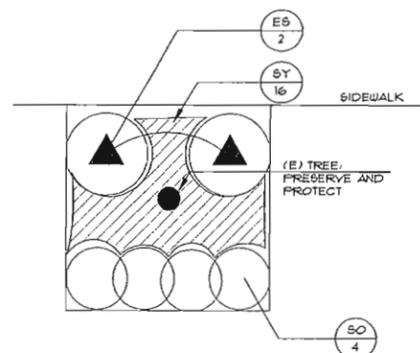


PLANTING PLAN

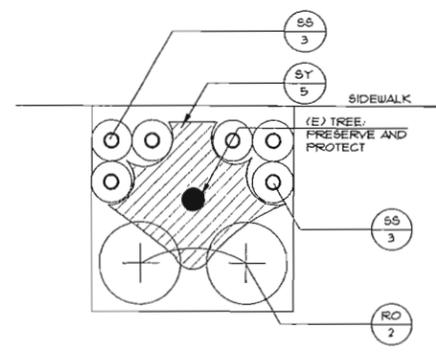
LA 2.1
 PROJECT NORTH 24 OF 38 SHEETS



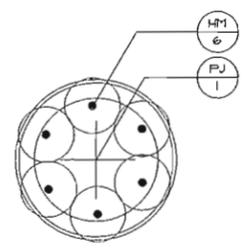
NOTES
 1. FOR MORE DETAILED INFORMATION REGARDING LIMIT OF WORK LINE REFER TO LAYOUT PLAN, LA1.3



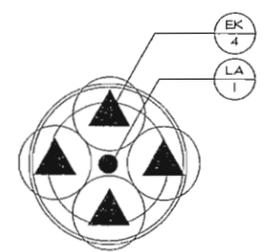
TREE PLANTER 'A' CONFIGURATION
 SCALE: 1/2"=1'-0"



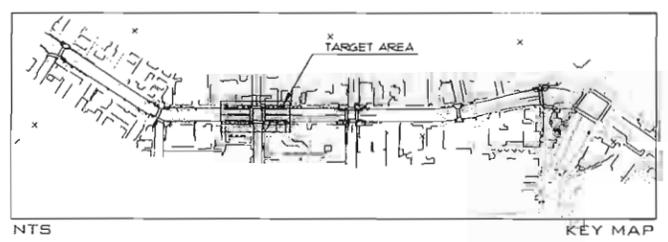
TREE PLANTER 'B' CONFIGURATION
 SCALE: 1/2"=1'-0"



POT (A) PLANTING
 SCALE: 1"=1'-0"



POT (B) PLANTING
 SCALE: 1"=1'-0"



GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN
 5571 CROW CANYON RD. SAN RAFAEL, CA. 94583
 TEL: 925.226.8176 FAX: 925.226.8901
 WWW.GGATES.COM

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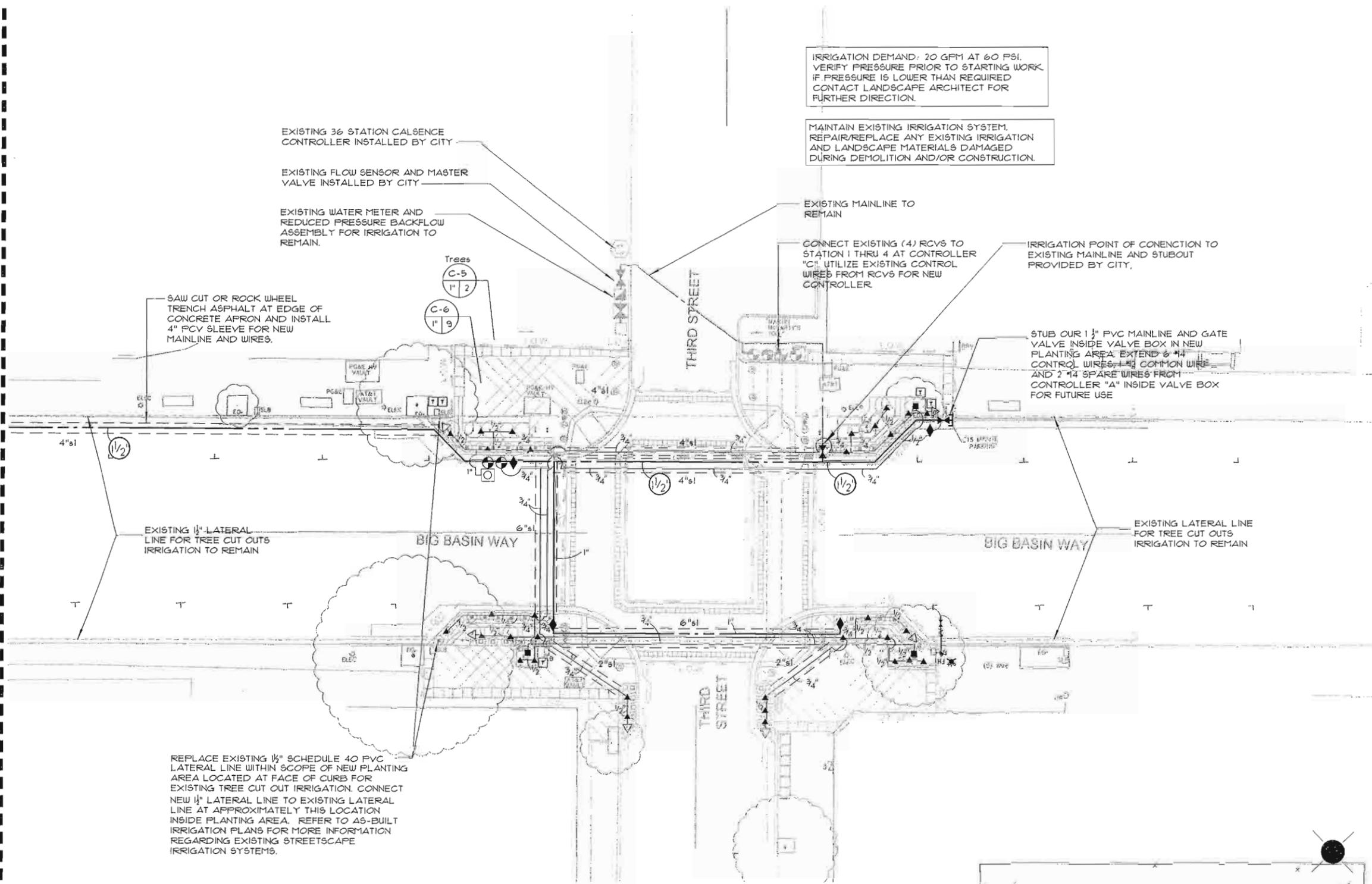
PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P38-6
 PROJECT FILE: G&A - SARATOGA VILLAGE
 DRAWN: G.L.G.J.S.
 CHECK: KC
 DATE: MARCH 16, 2010

SCALE: 1"=10'-0"

PLANTING PLAN

LA 2.3
 PROJECT NORTH 26 OF 38 SHEETS

MATCHLINE - SEE LA4.3



IRRIGATION DEMAND: 20 GPM AT 60 PSI. VERIFY PRESSURE PRIOR TO STARTING WORK. IF PRESSURE IS LOWER THAN REQUIRED CONTACT LANDSCAPE ARCHITECT FOR FURTHER DIRECTION.

MAINTAIN EXISTING IRRIGATION SYSTEM. REPAIR/REPLACE ANY EXISTING IRRIGATION AND LANDSCAPE MATERIALS DAMAGED DURING DEMOLITION AND/OR CONSTRUCTION.

EXISTING 36 STATION CALSENCE CONTROLLER INSTALLED BY CITY

EXISTING FLOW SENSOR AND MASTER VALVE INSTALLED BY CITY

EXISTING WATER METER AND REDUCED PRESSURE BACKFLOW ASSEMBLY FOR IRRIGATION TO REMAIN.

EXISTING MAINLINE TO REMAIN

CONNECT EXISTING (4) RCVS TO STATION 1 THRU 4 AT CONTROLLER "C". UTILIZE EXISTING CONTROL WIRES FROM RCVS FOR NEW CONTROLLER

IRRIGATION POINT OF CONENCTION TO EXISTING MAINLINE AND STUBOUT PROVIDED BY CITY.

SAW CUT OR ROCK WHEEL TRENCH ASPHALT AT EDGE OF CONCRETE APRON AND INSTALL 4" FCV SLEEVE FOR NEW MAINLINE AND WIRES.

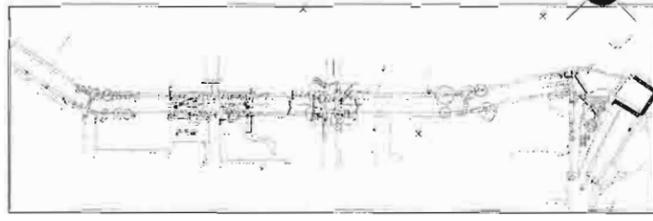
STUB OUR 1 1/2" PVC MAINLINE AND GATE VALVE INSIDE VALVE BOX IN NEW PLANTING AREA. EXTEND 8 #14 CONTROL WIRES, 1 #14 COMMON WIRE AND 2 #14 SPARE WIRES FROM CONTROLLER "A" INSIDE VALVE BOX FOR FUTURE USE

EXISTING 1/2" LATERAL LINE FOR TREE CUT OUTS IRRIGATION TO REMAIN

EXISTING LATERAL LINE FOR TREE CUT OUTS IRRIGATION TO REMAIN

REPLACE EXISTING 1/2" SCHEDULE 40 PVC LATERAL LINE WITHIN SCOPE OF NEW PLANTING AREA LOCATED AT FACE OF CURB FOR EXISTING TREE CUT OUT IRRIGATION. CONNECT NEW 1/2" LATERAL LINE TO EXISTING LATERAL LINE AT APPROXIMATELY THIS LOCATION INSIDE PLANTING AREA. REFER TO AS-BUILT IRRIGATION PLANS FOR MORE INFORMATION REGARDING EXISTING STREETSCAPE IRRIGATION SYSTEMS.

BIG BASIN WAY @ THIRD STREET



NTS

KEY MAP

GATES & ASSOCIATES
LANDSCAPE ARCHITECTURE
LAND PLANNING URBAN DESIGN

2671 CROW CANYON RD. SAN RAMON, CA 94583
TEL: 925.736.8128 FAX: 925.735.8001
WWW.GGATES.COM

SARATOGA VILLAGE
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SARATOGA, CA
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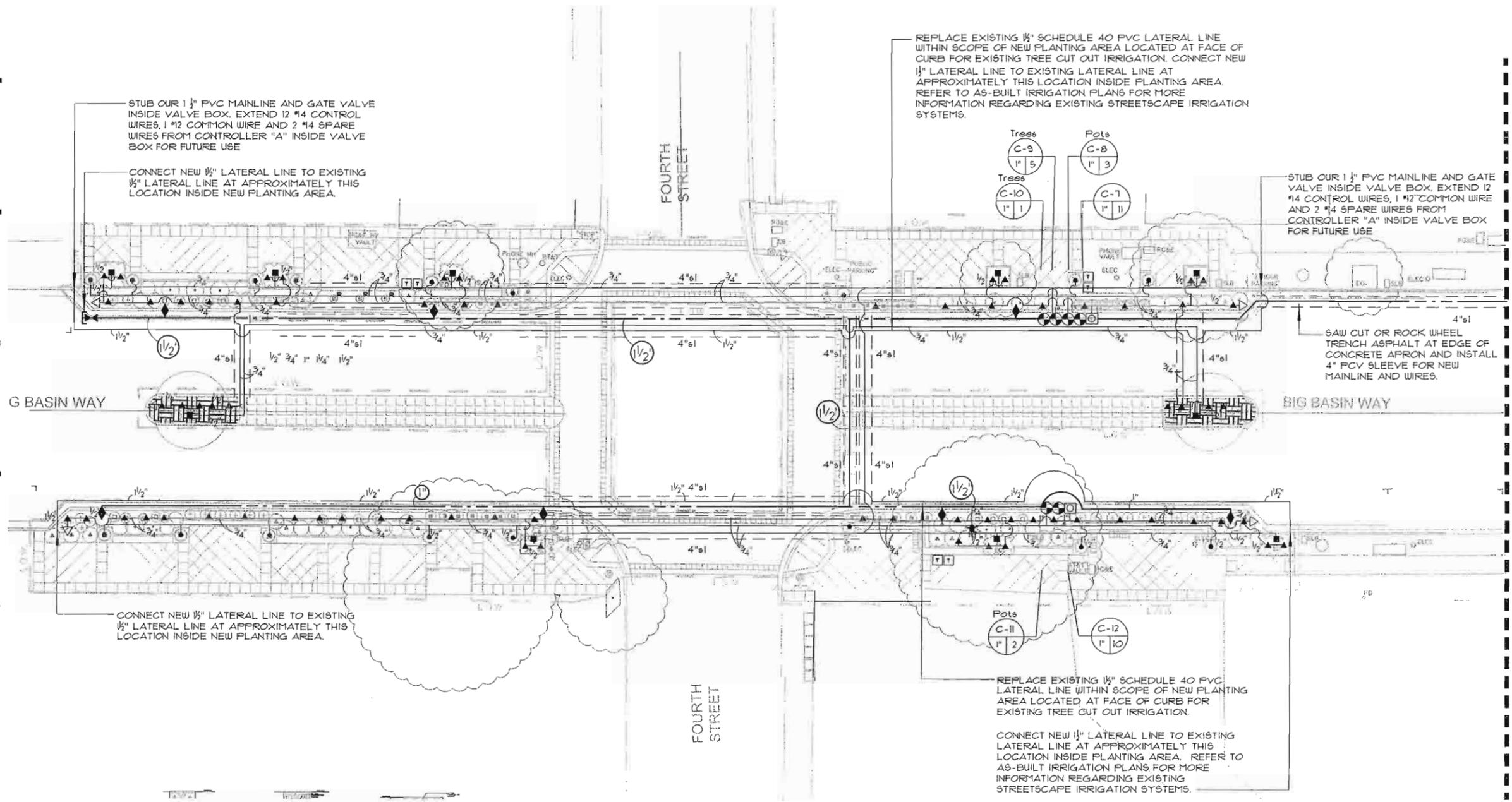
PROJECT NAME: SARATOGA VILLAGE
PROJECT NUMBER: P3866
PROJECT FILE: 06 L-SARATOGA VILLAGE.DWG
DRAWN:
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SCALE: 1"=10'-0"

IRRIGATION PLAN

LA3.2

PROJECT NORTH 28 OF 38 SHEETS



STUB OUR 1 1/2" PVC MAINLINE AND GATE VALVE INSIDE VALVE BOX. EXTEND 12 #14 CONTROL WIRES, 1 #12 COMMON WIRE AND 2 #14 SPARE WIRES FROM CONTROLLER "A" INSIDE VALVE BOX FOR FUTURE USE

CONNECT NEW 1/2" LATERAL LINE TO EXISTING 1/2" LATERAL LINE AT APPROXIMATELY THIS LOCATION INSIDE NEW PLANTING AREA.

REPLACE EXISTING 1/2" SCHEDULE 40 PVC LATERAL LINE WITHIN SCOPE OF NEW PLANTING AREA LOCATED AT FACE OF CURB FOR EXISTING TREE CUT OUT IRRIGATION. CONNECT NEW 1/2" LATERAL LINE TO EXISTING LATERAL LINE AT APPROXIMATELY THIS LOCATION INSIDE PLANTING AREA. REFER TO AS-BUILT IRRIGATION PLANS FOR MORE INFORMATION REGARDING EXISTING STREETSCAPE IRRIGATION SYSTEMS.

STUB OUR 1 1/2" PVC MAINLINE AND GATE VALVE INSIDE VALVE BOX. EXTEND 12 #14 CONTROL WIRES, 1 #12 COMMON WIRE AND 2 #14 SPARE WIRES FROM CONTROLLER "A" INSIDE VALVE BOX FOR FUTURE USE

SAW CUT OR ROCK WHEEL TRENCH ASPHALT AT EDGE OF CONCRETE APRON AND INSTALL 4" PVC SLEEVE FOR NEW MAINLINE AND WIRES.

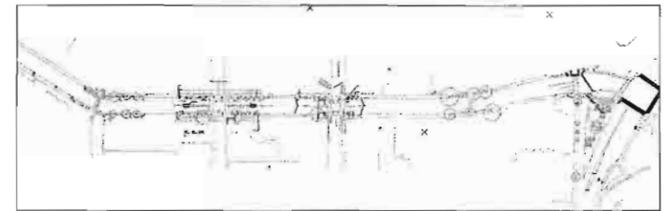
CONNECT NEW 1/2" LATERAL LINE TO EXISTING 1/2" LATERAL LINE AT APPROXIMATELY THIS LOCATION INSIDE NEW PLANTING AREA.

REPLACE EXISTING 1/2" SCHEDULE 40 PVC LATERAL LINE WITHIN SCOPE OF NEW PLANTING AREA LOCATED AT FACE OF CURB FOR EXISTING TREE CUT OUT IRRIGATION.

CONNECT NEW 1/2" LATERAL LINE TO EXISTING LATERAL LINE AT APPROXIMATELY THIS LOCATION INSIDE PLANTING AREA. REFER TO AS-BUILT IRRIGATION PLANS FOR MORE INFORMATION REGARDING EXISTING STREETSCAPE IRRIGATION SYSTEMS.

BIG BASIN WAY @ FOURTH STREET

MATCHLINE - SEE LA4.2



NTS KEY MAP

GATES & ASSOCIATES
LANDSCAPE ARCHITECTURE
LAND PLANNING URBAN DESIGN

2671 CROW CANYON RD. SAN RAMON, CA. 94583
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SARATOGA VILLAGE

PEDESTRIAN
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SARATOGA, CA

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PROJECT NAME: SARATOGA VILLAGE
PROJECT NUMBER: P0866
PROJECT FILE: 06-LA-SARATOGA VILLAGE-0866
DRAWN:
CHECK:
DATE: MARCH 16, 2017

SCALE: 1" = 10'-0" 0 5 10 20

IRRIGATION PLAN

LA3.3

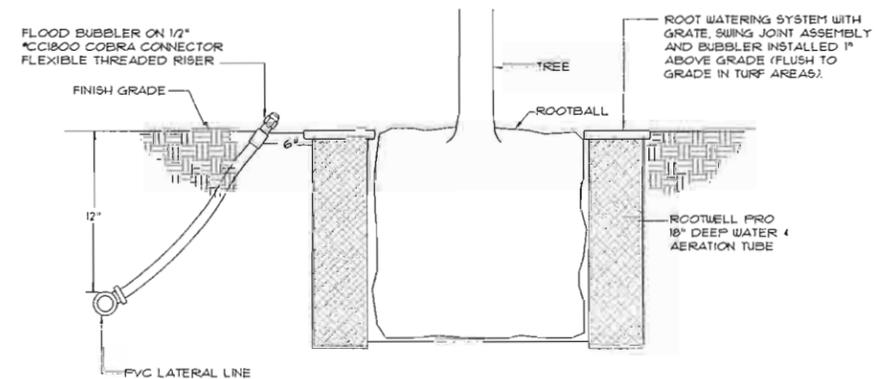
PROJECT NORTH 29 OF 38 SHEETS

IRRIGATION NOTES

1. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHERE POSSIBLE. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
2. DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
3. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC.
4. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, ETC., WHICH MAY BE REQUIRED. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. THEN WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEMS, PLANTING, AND ARCHITECTURAL FEATURES.
5. ELECTRICAL CONTRACTOR TO SUPPLY 120 VOLT A.C. (2.5 AMP) SERVICE TO CONTROLLER LOCATION. IRRIGATION CONTRACTOR TO MAKE FINAL CONNECTION FROM ELECTRICAL STUB-OUT TO CONTROLLER.
6. EACH CONTROLLER SHALL HAVE ITS OWN INDEPENDENT GROUND WIRE.
7. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS WHERE POSSIBLE (NOT IN LAWN AREA).
8. SPlicing OF 24 VOLT WIRES WILL NOT BE PERMITTED EXCEPT IN VALVE BOXES. LEAVE A 24" COIL OF EXCESS WIRE AT EACH SPLICE AND 100 FEET ON CENTER ALONG WIRE RUN. TAPE WIRE IN BUNDLES 10 FEET ON CENTER. NO TAPING PERMITTED INSIDE SLEEVES.
9. INSTALL SIX (6) SPARE CONTROL WIRES OF A DIFFERENT COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
10. THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVERSPRAY ONTO WALKS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
11. NOTIFY ARCHITECT OF ANY ASPECTS OF LAYOUT WHICH WILL PROVIDE INCOMPLETE OR INSUFFICIENT WATER COVERAGE OF PLANT MATERIAL AND DO NOT PROCEED UNTIL HIS INSTRUCTIONS ARE OBTAINED.
12. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE DESIGNATED ON THE PLANS.
13. INSTALL A VALCON 5000 SERIES SPRING LOADED CHECK VALVE BELOW THOSE SPRINKLERS WHERE LOW HEAD DRAINAGE WILL CAUSE EROSION AND EXCESS WATER.
14. INSTALL VALVE BOXES 12" FROM AND PERPENDICULAR TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, EACH BOX SHALL BE AN EQUAL DISTANCE FROM THE WALK, CURB, ETC. AND EACH BOX SHALL BE 12" APART. SHORT SIDE OF VALVE BOX SHALL BE PARALLEL TO WALK, CURB, LAWN, ETC.
15. THE SPRINKLER SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
16. OPERATE IRRIGATION CONTROLLER(S) BETWEEN THE HOURS OF 10:00 PM AND 7:00 AM.
17. IRRIGATION CONTRACTOR TO NOTIFY ALL LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
18. PRIOR TO TRENCHING, CALL UNDERGROUND SERVICE ALERT, (1-800) 642-2444 FOR NORTHERN CALIFORNIA
19. WHEN VERTICAL OBSTRUCTIONS (STREET LIGHTS, TREES, FIRE HYDRANTS, ETC.) INTERFERE WITH THE SPRAY PATTERN OF THE HEADS SO AS TO PREVENT PROPER COVERAGE, THE IRRIGATION CONTRACTOR SHALL FIELD ADJUST THE SPRINKLER SYSTEM BY INSTALLING A QUARTER, THIRD OR HALF CIRCLE HEAD AT THE SIDES OF THE OBSTRUCTION SO AS TO PROVIDE PROPER COVERAGE. ALL ADJUSTMENTS SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
20. ENGRAVE OR HOT STAMP REMOTE CONTROL VALVE BOXES WITH CONTROLLER STATION NUMBERS.
21. PROVIDE PLASTIC LAMINATED COLOR-CODED IRRIGATION LAYOUT DIAGRAMS.
22. PROVIDE TWO (2) SETS OF Q.C. KEYS AND CONTROLLER.
23. REFER TO IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION, PRESSURE TESTING AND TURN OVER ITEMS.

IRRIGATION LEGEND

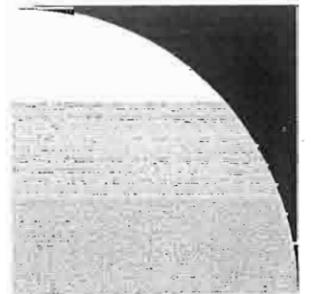
SYMBOL	MODEL NUMBER	DESCRIPTION	PSI	GPM	RADIUS
■	514-20	TORO BUBBLER ON FLEX RISER	30	.50	-
▲	5633	PEPCO QUADRA BUBBLER-SHRUBS	30	6 GPH	-
●	1402	RAINBIRD FLOOD BUBBLER	30	.50	-
▷	M64/AP100	SPEARS FLUSHING END PLUG			
⊠	1-1201-1151-8130 PMR-MF-30-1"	AMIAD 1" FILTER WITH 130 MESH SCREEN WITH SENNINGER 1" IN-LINE PRESSURE REDUCING VALVE (1-22 GPM)			
⊙	PEB SERIES	RAIN BIRD REMOTE CONTROL VALVE			
⊗	EXISTING	HYDRORAIN 1" REMOTE CONTROL VALVES			
⊗	EXISTING	1 1/2" WILKINS 575RP REDUCED PRESSURE BACKFLOW PREVENTER			
⊗	T-113-K	NIBCO GATE VALVE (LINE SIZE) IN ROUND BOX			
◆	44 DLRC	RAIN BIRD QUICK COUPLING VALVE			
⊗		EXISTING CALSENSE FLOW SENSOR AND MASTER VALVE INSTALLED BY CITY			
⊗		EXISTING CALSENSE ET2000 SERIES CONTROLLER INSTALLED BY CITY.			
⊗		STATION NUMBER			
⊗		GALLONS PER MINUTE			
⊗		VALVE SIZE			
⊗		MAINLINE: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.			
⊗		LATERAL LINE: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.			
⊗		EXISTING PVC LATERAL LINE TO REMAIN IN SERVICE. REFER TO PLANS AND IRRIGATION AS-BUILT PLANS PROVIDED BY CITY FOR MORE INFORMATION			
⊗		SLEEVE: 1120-200 PSI PVC PLASTIC PIPE WITH SCHEDULE 40 PVC PLASTIC FITTINGS. 24" COVER.			



NOTES:
1. TWO (2) ROOTWELL TUBES PER TREE TO BE PLACED OPPOSITE EACH OTHER.

1 TREE BUBBLER INSTALLATION

NTS



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SARATOGA VILLAGE
PEDESTRIAN
ENHANCEMENTS
SARATOGA, CA
BID SET

REVISION: DESCRIPTION: DATE:



PROJECT NAME: SARATOGA VILLAGE
PROJECT NUMBER: P0056
PROJECT FILE: 08 SARATOGA VILLAGE BID SET
DRAWN:
CHECK:
DATE: MARCH 16, 2010
SCALE: 1" = 12"

IRRIGATION
NOTES & LEGEND

LA3.4

PROJECT NORTH 30 OF 38 SHEETS

IRRIGATION WATER USE CALCULATIONS

Maximum Applied Water Allowance (MAWA)

$$MAWA = (E_{to}) (0.62) (LA) (0.70) + (SLA)(0.3)$$

- MAWA = Maximum Applied Water Allowance (gallons per year)
- ET_o = Reference Evapotranspiration (inches per year)
- 0.62 = conversion factor (to gallons per square foot)
- LA = Landscaped area (square feet)
- SLA = Special Landscaped area (square feet)
- 0.7 = ET adjustment factor

$$MAWA = (42.9) (.62) (2,145) (.70) + (0) (0.3)$$

MAWA	= 39,937 Gallons per year
------	---------------------------

Estimated Total Water Use (ETWU)

$$EWU = (E_{to}) (.62) [(PF)(HA) / IE + SLA]$$

- EWU = Estimated Applied Water Use (EWU) (gallons per year)
- ET_o = Reference Evapotranspiration (inches per year/month)
- .62 = conversion factor (to gallons per square foot)
- PF = Plant Factor (per WUCOLS)
- HA = Hydrozone area (square feet)
- IE = Irrigation System Efficiency in decimal form
- SLA = Special Landscaped Area

ETWU:

Shrubs - Medium water use - drip irrigation

$$ETWU = (42.9) (.62) [(0.50) (2,145) / .85] + 0$$

= Gallons per year

Total ETWU	= 33,560 Gallons per year
------------	---------------------------

IRRIGATION CONTROLLER SCHEDULE

Program: A	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Cycles Per Day:	1	1	1	1	1	1	3	1	1	1	1	1
Days To Skip:	20	15	8	6	4	3	3	3	4	8	15	30

Station 6
 Minutes Per Cycle: 15 20 20 20 20 20 20 20 20 20 20 15
 Precipitation Rate: 0.45
 Description: Drip irrigation to shrubs
 Total Flow of Valve (GPM): 9

Station 7
 Minutes Per Cycle: 15 20 20 20 20 20 20 20 20 20 20 15
 Precipitation Rate: 0.45
 Description: Drip irrigation to shrubs
 Total Flow of Valve (GPM): 11

Station 12
 Minutes Per Cycle: 15 20 20 20 20 20 20 20 20 20 20 15
 Precipitation Rate: 0.45
 Description: Drip irrigation to shrubs
 Total Flow of Valve (GPM): 10

Program: B	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Cycles Per Day:	1	1	1	1	1	1	1	1	1	1	1	1
Days To Skip:	20	13	8	4	3	2	2	2	3	5	16	30

Station 5
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1.5
 Description: Trees-bubblers
 Total Flow of Valve (GPM): 2

Station 9
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1.5
 Description: Trees-bubblers
 Total Flow of Valve (GPM): 6

Station 10
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1.5
 Description: Trees-bubblers
 Total Flow of Valve (GPM): 1

Program: C	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Cycles Per Day:	1	1	1	1	1	1	1	1	1	1	1	1
Days To Skip:	22	15	9	5	3	3	2	3	4	6	18	30

Station 8
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1.5
 Description: POTS - Bubblers
 Total Flow of Valve (GPM): 3

Station 11
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1.5
 Description: POTS - Bubblers
 Total Flow of Valve (GPM): 2

Program: D	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Cycles Per Day:	1	1	1	1	1	1	1	1	1	1	1	1
Days To Skip:	22	15	9	5	3	3	2	3	4	6	18	30

Station 1 thru 4
 Minutes Per Cycle: 10 10 10 10 10 10 10 10 10 10 10 10
 Precipitation Rate: 1
 Description: Shrubs - existing spray

GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN

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SARATOGA VILLAGE
 PEDESTRIAN
 ENHANCEMENTS

SARATOGA, CA
 BY SET

REVISION: DESCRIPTION: DATE:

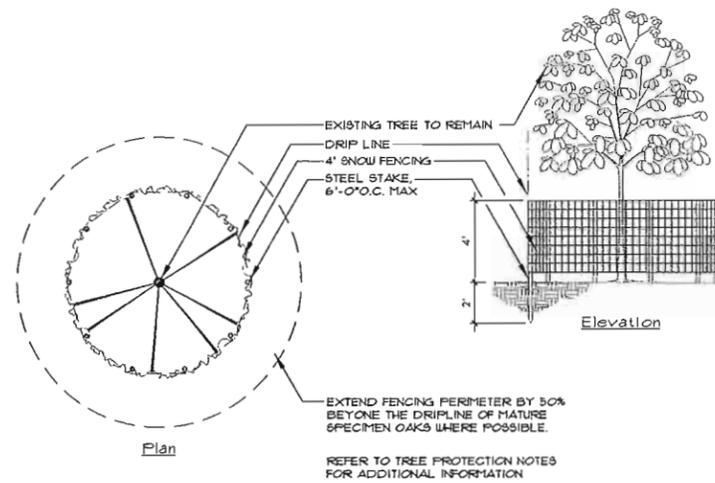


PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P3866
 PROJECT FILE: P:\SARATOGA VILLAGE\LA3.6
 DRAWN:
 CHECK:
 DATE: MARCH 16, 2010

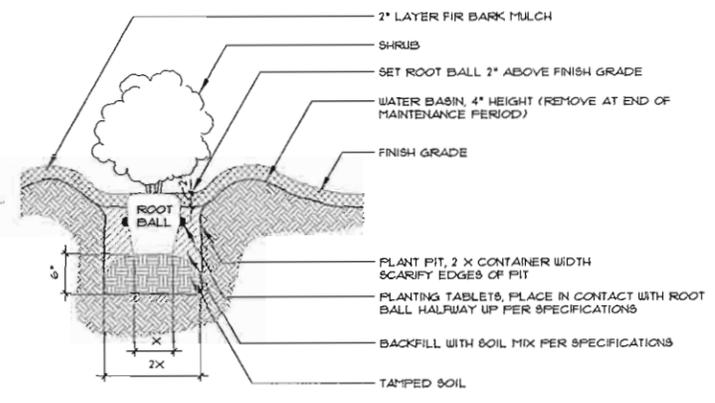


IRRIGATION CALCULATIONS

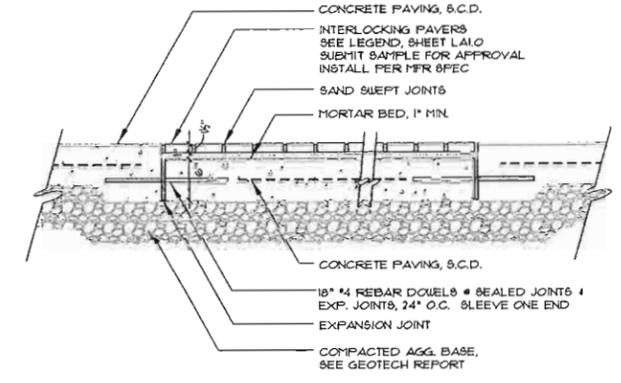
LA3.6



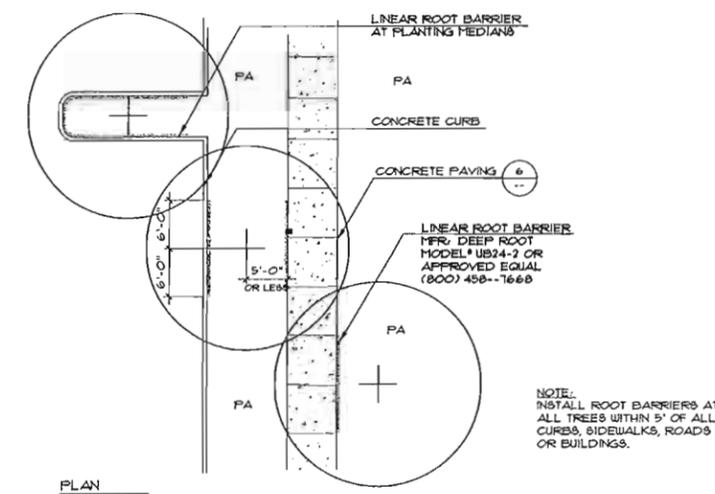
1 EXISTING TREE PROTECTIVE FENCING
SCALE: 1/4" = 1'-0"



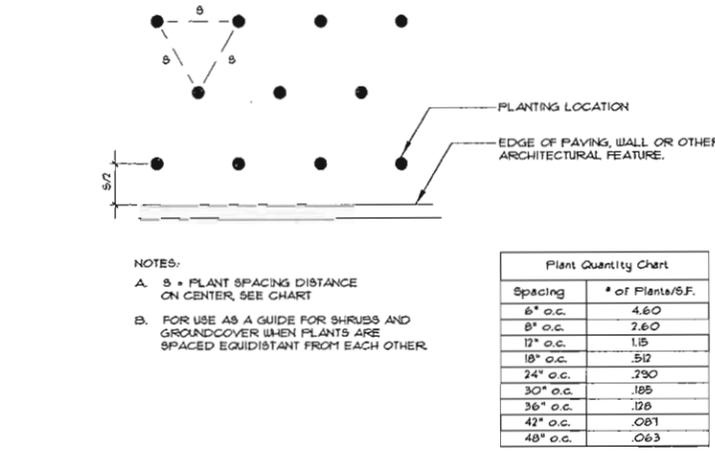
4 SHRUB PLANTING
SCALE: 1" = 1'-0"



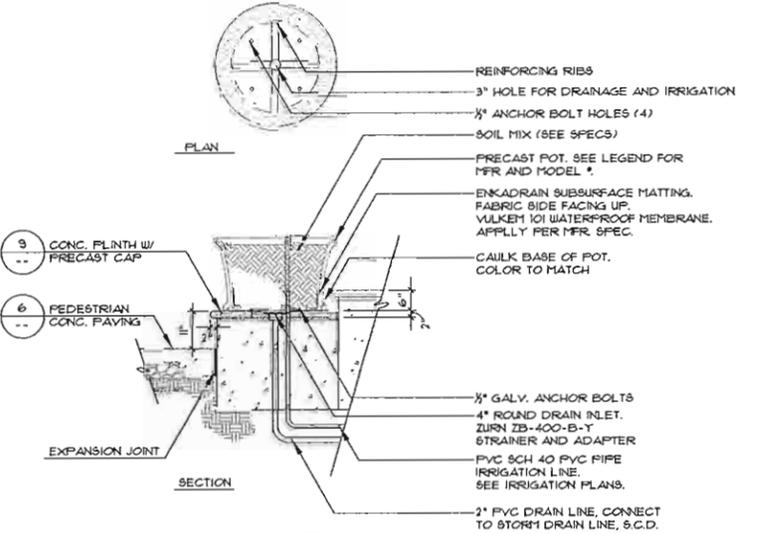
7 INTERLOCKING PAVERS ON CONCRETE AT MEDIAN
SCALE: 1" = 1'-0"



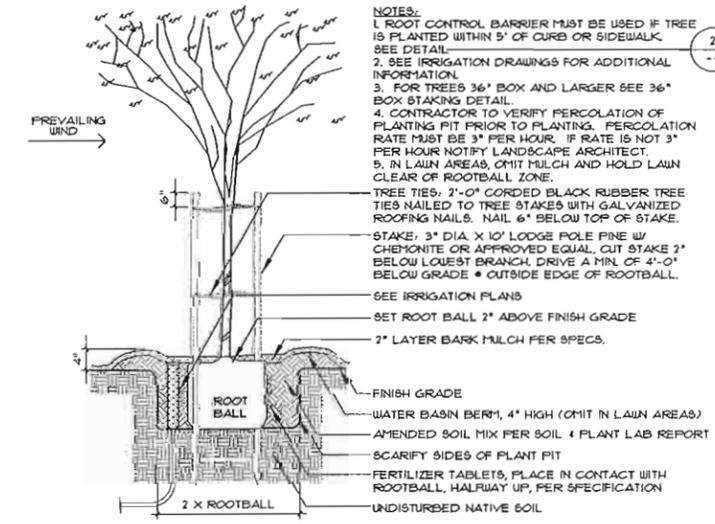
2 LINEAR ROOT BARRIER
SCALE: 1" = 10'-0"



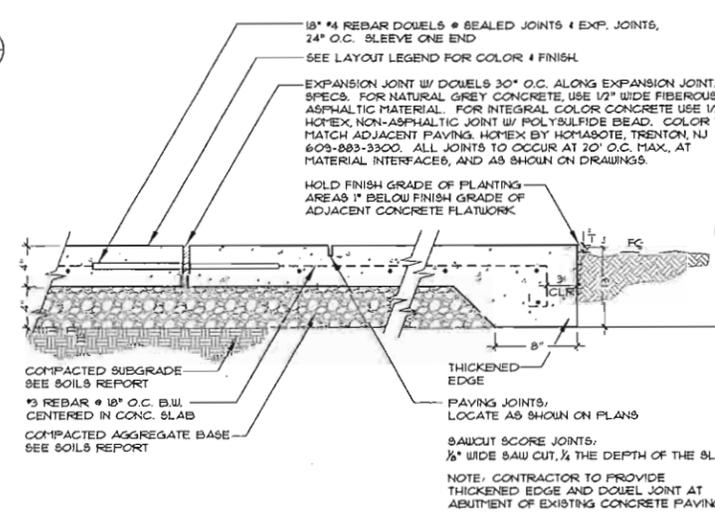
5 PLANT SPACING
SCALE: N.T.S.



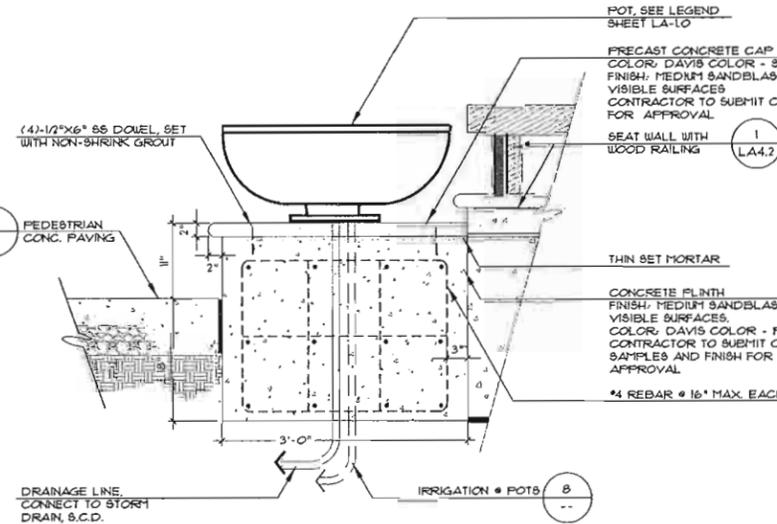
8 POT INSTALLATION
SCALE: 1/2" = 1'-0"



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



6 PEDESTRIAN CONCRETE PAVING
SCALE: 1/2" = 1'-0"



9 POT ON CONCRETE PLINTH
SCALE: 1" = 1'-0"

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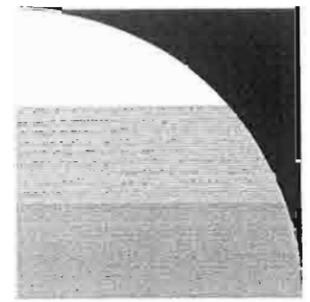
SARATOGA VILLAGE
PEDESTRIAN ENHANCEMENTS
SARATOGA, CA
BID SET

REVISION: DESCRIPTION: DATE:



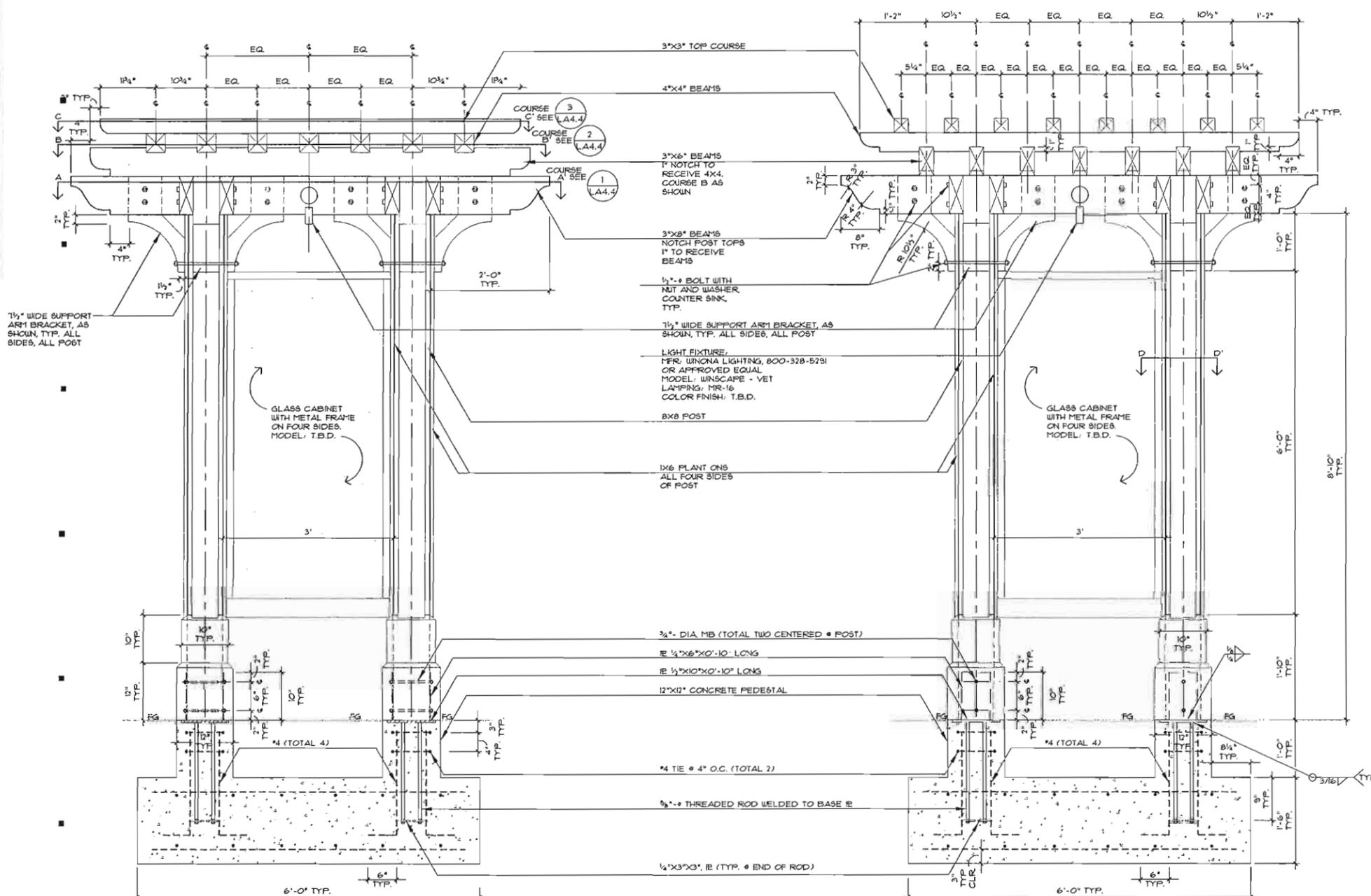
PROJECT NAME: SARATOGA VILLAGE
PROJECT NUMBER: P3866
PROJECT FILE: 010 SARATOGA VILLAGE 09S
DRAWN: G.L.CUS
CHECK: KC
DATE: MARCH 16, 2010
SCALE: 0

DETAILS
LA4.1
PROJECT NORTH 33 OF 38 SHEETS



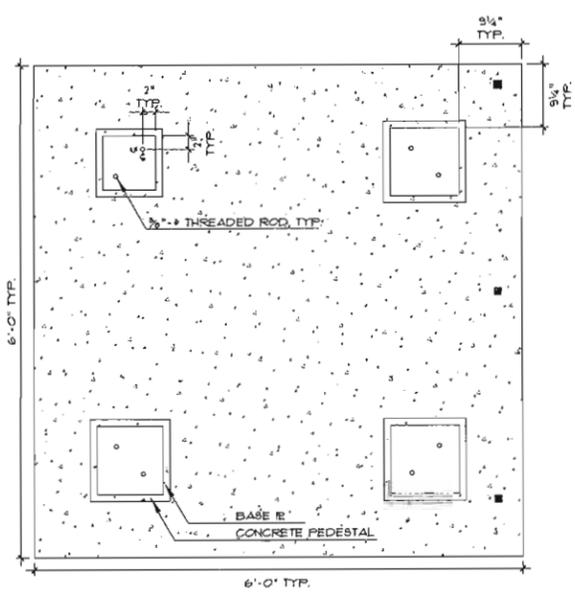
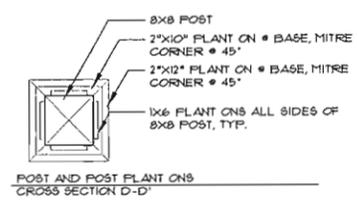
GATES & ASSOCIATES
 LANDSCAPE ARCHITECTURE
 LAND PLANNING URBAN DESIGN
 2871 CROW CANYON RD. SAN RAMON, CA. 94583
 TEL: 925.736.8178 FAX: 925.828.8901
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SARATOGA VILLAGE
PEDESTRIAN
ENHANCEMENTS
 SARATOGA, CA
 BID SET



WOOD STAIN (ALL WOOD MEMBERS):
 MFR: CABOT
 PH: 800-871-8246
 TYPE: SEMI-TRANSPARENT
 COLOR: CORDOVAN BROWN
 CONTRACTOR TO SUBMIT COLOR SAMPLE FOR REVIEW
 AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

NOTES:
 1) ALL WOOD MEMBERS TO BE REDWOOD S4S SELECT.
 2) ALL CONNECTORS TO BE HOT DIPPED GALVANIZED PLATES.
 3) ALL WOOD MEMBERS WITHOUT INCH MARKS ARE NOMINAL WOOD MEMBER SIZES. WOOD MEMBERS SHOWN WITH INCH MARK DESIGNATIONS ARE CUSTOM MILLED DIMENSIONS.



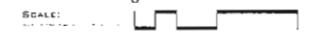
1 WOOD TRELLIS KIOSK - FRONT ELEVATION
 SCALE: 1" = 1'-0"

WOOD TRELLIS KIOSK - SIDE ELEVATION
 SCALE: 1" = 1'-0"

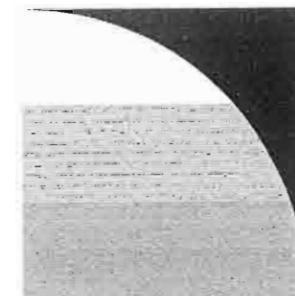
REVISION:	DESCRIPTION:	DATE:



PROJECT NAME: SARATOGA VILLAGE
 PROJECT NUMBER: P0866
 PROJECT FILE: 000_P0866_SARATOGA_VILLAGE.DWG
 DRAWN: G L-CJS
 CHECK: KC
 DATE: MARCH 16, 2010



DETAILS



GATES & ASSOCIATES
LANDSCAPE ARCHITECTURE
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2671 CROW CANYON RD, SAN RAMON, CA, 94583
TEL: 925.736.0176 FAX: 925.038.8901
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SARATOGA VILLAGE
PEDESTRIAN
ENHANCEMENTS
SARATOGA, CA
BID SET

REVISION: DESCRIPTION: DATE:

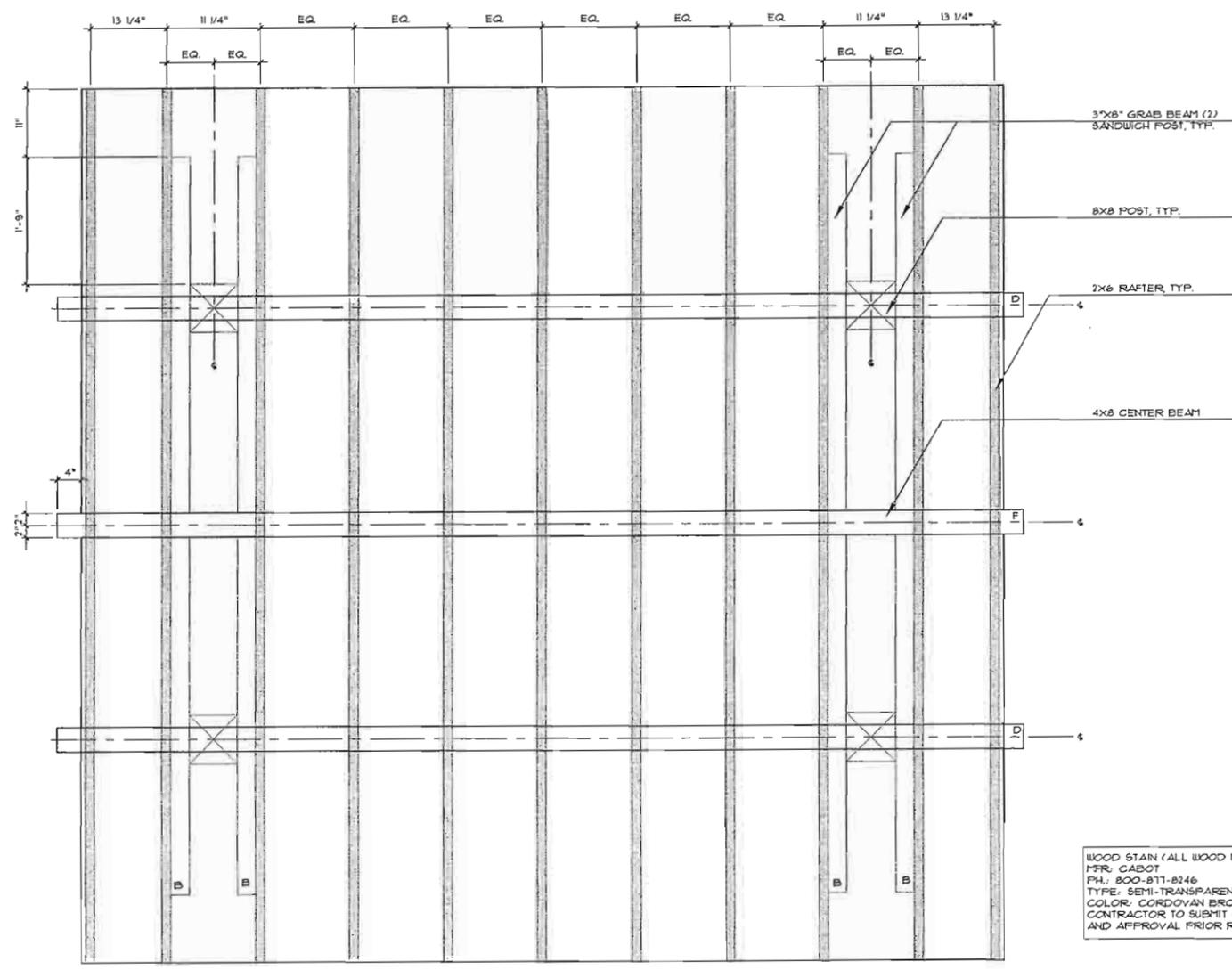


PROJECT NAME: SARATOGA VILLAGE
PROJECT NUMBER: P3886
PROJECT FILE: DD-SARATOGA VILLAGE.DWG
DRAWN: GL-CJS
CHECK: KC
DATE: MARCH 16, 2010

SCALE:

DETAILS

LA4.6
PROJECT NORTH 38 OF 38 SHEETS



WOOD STAIN (ALL WOOD MEMBERS):
MFR: CABOT
PH: 800-811-8246
TYPE: SEMI-TRANSPARENT
COLOR: CORDOYAN BROWN
CONTRACTOR TO SUBMIT COLOR SAMPLE FOR REVIEW
AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

1 BUS SHELTER - PLAN VIEW - TOP
SCALE: 1" = 1'-0"