



Toro Canyon Creek

Property Line

Existing Well #3 / #4
 Proposed Equipment Washout & Storage Area West (+/- 200' from creek)

Existing Dirt Service Road

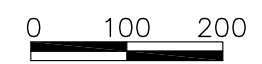
Proposed Equipment Washout & Storage Area East (+/- 200' from creek)
 Location of Proposed Bridge

Existing Residence
 (4 Buildings @ 6,000SF)

Proposed Access Road

Existing Driveway at easement

APN# - 155-020-004
 Parcel Size Gross - 38.68AC
 Net - 40AC



Toro Canyon Bridge
 949 Toro Canyon Rd
 Santa Barbara, CA 93108
 APN: 155-020-004

PROJECT TEAM
Barton Myers Associates, Inc. Architect
 310 208 2227

Harry P. Fowler P.E.
 Civil Engineer
 765 Oak Grove Dr.
 Santa Barbara, CA 93108
 805.252.3183

Davis Land Surveying
 Surveyor
 44 Helena Ave.
 Santa Barbara, CA 93101
 805.564.8756

Suzanne Elledge Planning & Permitting Services
 Expeditor
 1029 Santa Barbara St,
 Santa Barbara, CA 93101
 805.966.2758

PLAN

REVISIONS

10 February 2017
11 April 2017
REV 18 June 2018
REV 27 June 2018

16LUP-00000-00109

SHEET TITLE

Revised Site Plan

SCALE

DATE

19 January 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
 CONFIDENTIALITY NOTICE:
 This information contained in this drawing is
 privileged, confidential and intended only for the use
 of the individual or entity named.
 Any dissemination, distribution or copy of this drawing,
 electronic or otherwise, to anyone other than the
 intended recipient is strictly prohibited.


7.1

1/10/2017
 Email: FW: 949 Toro Canyon roadbridge

From: "Foster, Ed" <ed.foster@caltrans.ca.gov>
 Date: March 7, 2016 at 9:08:55 AM PST
 To: "Barton Myers Associates" <bmyers@bartonmyers.com>
 Subject: RE: 949 Toro Canyon roadbridge

Hi Myra,
 This letter shall be considered as a Preliminary Approval of a proposed bridge. This approval is tentative and is based on the review of a site and construction plan which was presented on March 3, 2016. A formal plan review will be conducted after a submittal has been provided to and processed by the County of Santa Barbara Building and Safety Department.

Yours in the interest of fire and life safety,
 Ed Foster
 Fire Marshal
 Fire Prevention Bureau
 Carpinteria-Summerland Fire District
 (805) 596-2451



1/10/2017
 Email: RE: Proposed bridge and road.


RE: Proposed bridge and road.

Foster, Ed <ed.foster@caltrans.ca.gov>
 To: Yanna Bolognini <yanna.bolo@gmail.com>
 Fri, Jan 6, 2017 at 2:09 PM

Hi Yanna,
 Thank you for providing the site plan, dated 6 Jan 17, and your follow up telephone call. Through our discussion today we did verify the location of three fire hydrants on Toro Canyon Road to the north of and in proximity to the access driveway to your property. We are confident that the previously reviewed plans, as well as, other documents provided by the Fire District remain valid.

Should you have any questions or request for further information, please do not hesitate to contact the Fire Prevention Bureau.

Best Regards,
 Ed Foster
 Fire Marshal
 Fire Prevention Bureau
 Carpinteria-Summerland Fire District
 (805) 596-2451




NOTE:
 6/18 New Survey of Stream Bed

Proposed Fire Department Hammerhead Turnaround

TREES 13, 16, 17, 20 & 21 WERE DESTROYED IN THE 1/9/18 DEBRIS FLOW

Existing Dirt Service Road

Tree #56 to be Removed

Compact Shale Road

Proposed Stone Lined Road Gutter

Toro Canyon Creek

Proposed 10' Stone Apron

Proposed 3' Stone Wall

Proposed 3' Stone Wall

1262' Calculated 100-year Flood Zone

Proposed 3' Stone Wall

Brushed Concrete Road

Proposed 12'x60' Bridge
 20 TON CFC 503.2.3

Rip Rap
 CSFPD Hammerhead

Toro Canyon Bridge
 949 Toro Canyon Rd
 Santa Barbara, CA 93108
 APN: 155-020-004

PROJECT TEAM
 Barton Myers Associates, Inc. Architect
 310 208 2227

Harry P. Fowler P.E.
 Civil Engineer
 765 Oak Grove Dr.
 Santa Barbara, CA 93108
 805.252.3183
 Davis Land Surveying
 Surveyor
 44 Helena Ave.
 Santa Barbara, CA 93101
 805.564.8756
 Suzanne Elledge Planning
 Permitting Services
 Expeditor
 1029 Santa Barbara St,
 Santa Barbara, CA 93101
 805.966.2758

PLAN

REVISIONS

10 February 2017
 REV 18 June 2018

16LUP-00000-00109

Preliminary Approval

SHEET TITLE

Site Plan

SCALE

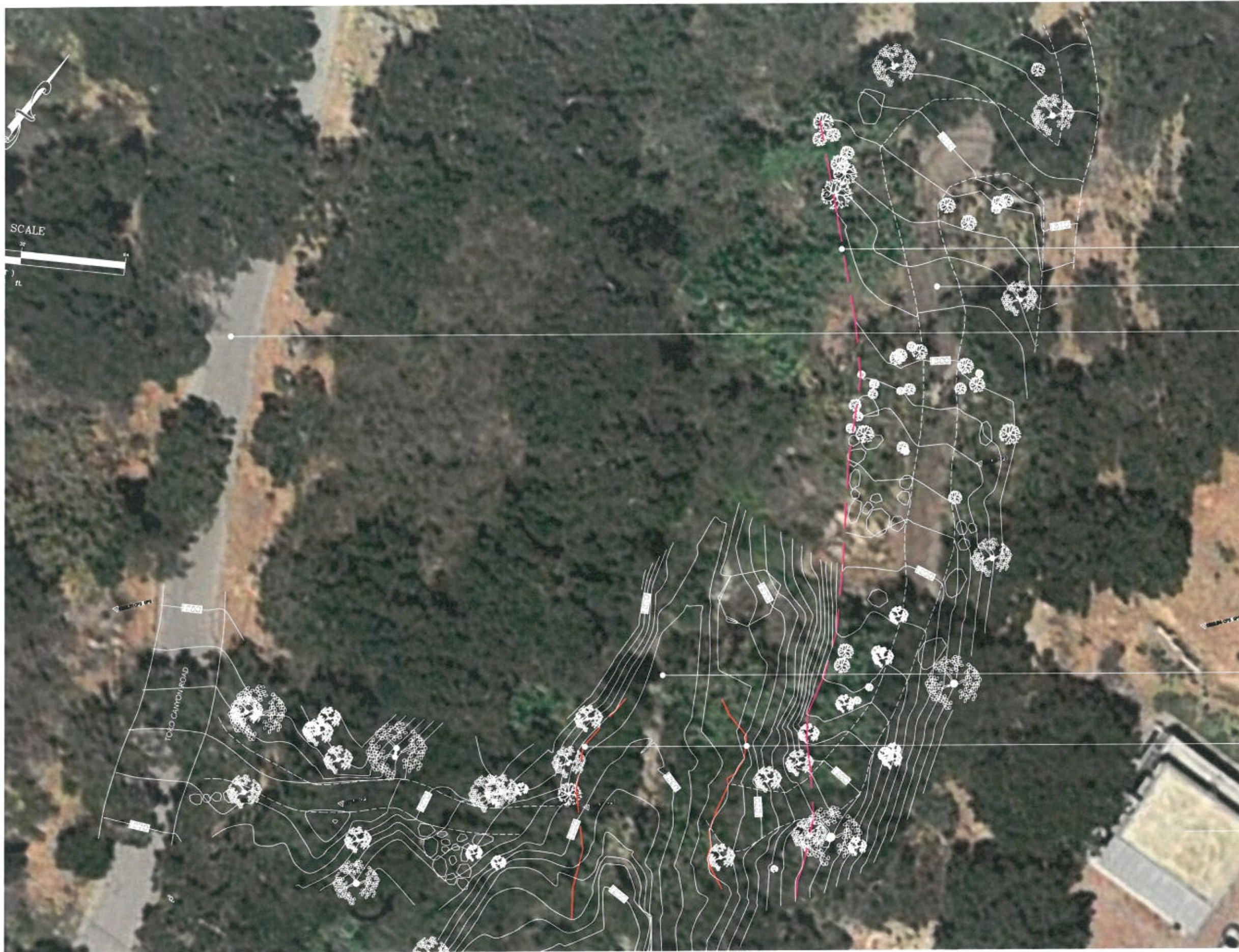
DATE

19 January 2017
 ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
 CONFIDENTIALITY NOTICE:
 This information contained in this drawing is proprietary, confidential and intended only for the use of the individual or entity named.
 Any dissemination, distribution or copy of this drawing, electronic or otherwise, to anyone other than the intended recipient is strictly prohibited.

N
 2.b



NOTE:
6/18 New Survey of Stream Bed

Toro Canyon Bridge

949 Toro Canyon Rd
Santa Barbara, CA 93108
APN: 155-020-004

PROJECT TEAM
Barton Myers Associates, Inc. Architect
310 208 2227

Harry P. Fowler P.E.
Civil Engineer
765 Oak Grove Dr.
Santa Barbara, CA 93108
805.252.3183

Davis Land Surveying
Surveyor
44 Helena Ave.
Santa Barbara, CA 93101
805.564.8756

Suzanne Elledge Planning
Permitting Services
Expeditor
1029 Santa Barbara St,
Santa Barbara, CA 93101
805.966.2758

Top of Upper Bank

Existing Service Road

Toro Canyon Road

PLANS

REVISIONS

10 February 2017
REV 18 June 2018

Toro Canyon Creek

Calculated 100 year
Flood Zone

Accessory Building

16LUP-00000-00109

SHEET TITLE

Road Survey

SCALE

DATE

19 January 2017
ISSUED FOR

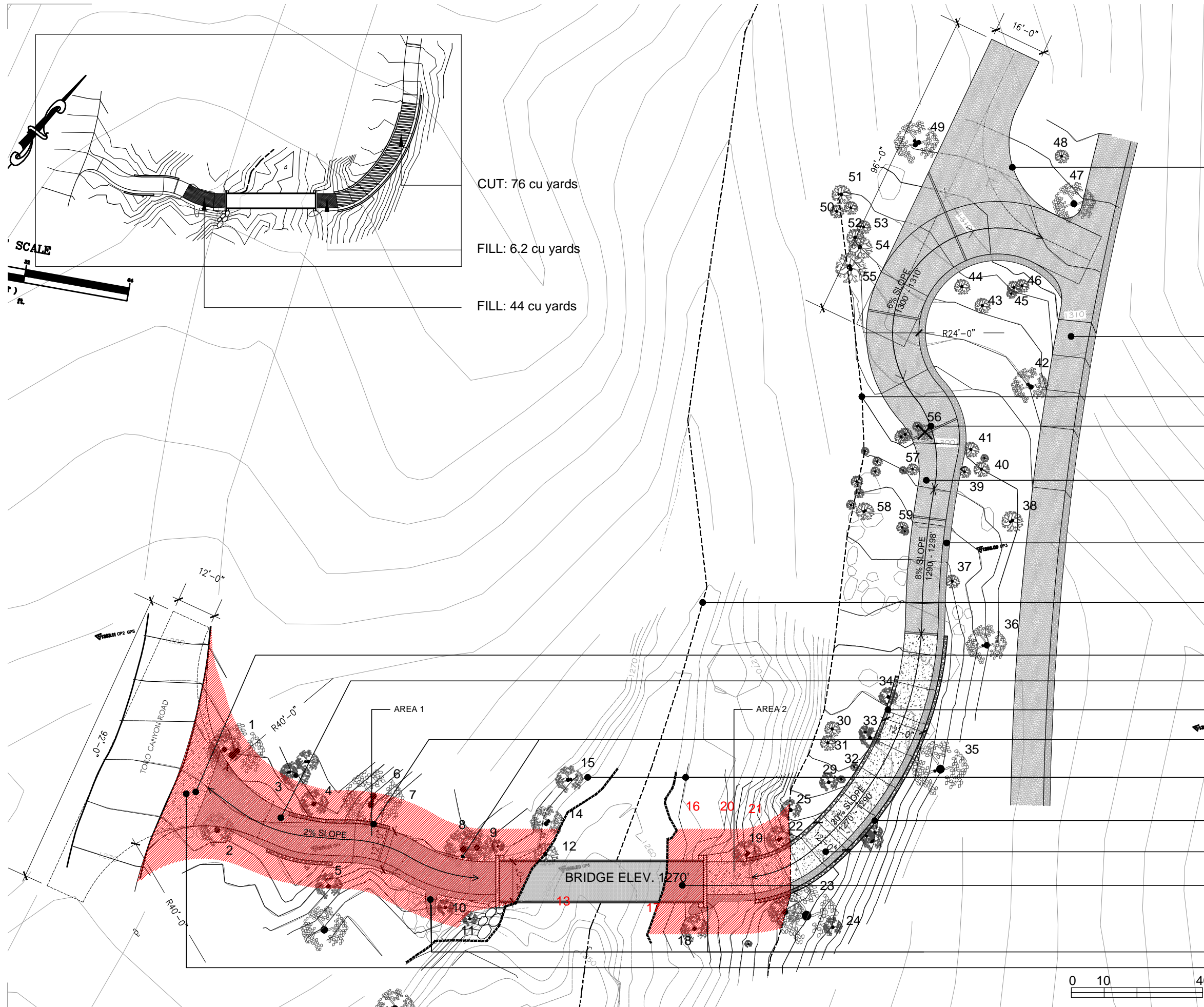
DRAWN BY

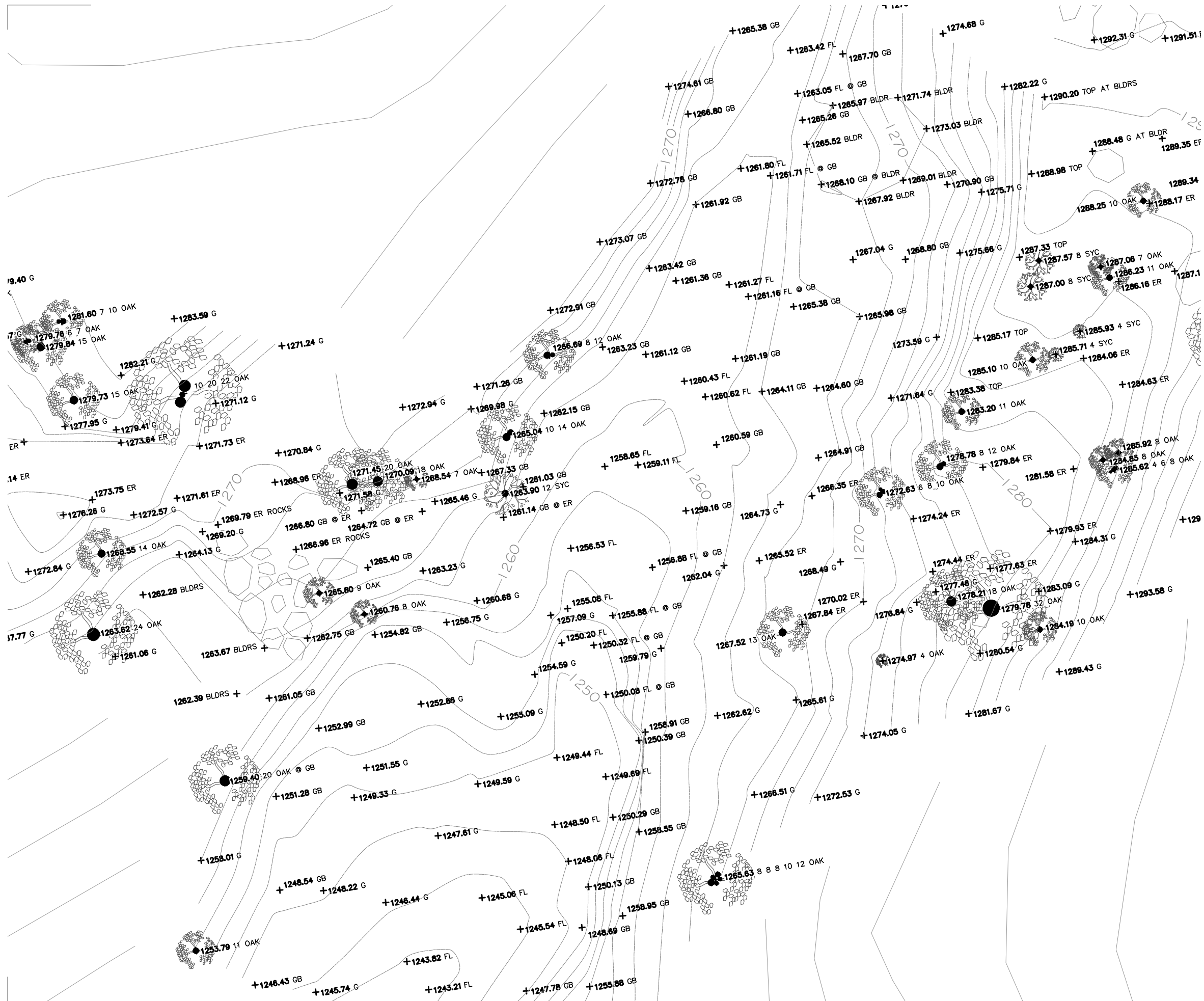
© Barton Myers Associates, Inc. 2017
CONSENT: NONE
No information contained in this drawing is
photocopy, mechanical, or electrical, or in any
form of information, distribution or copy, or in any
manner, is to be used, in whole or in part, for
any purpose other than that for which it was
prepared, without the written consent of Barton
Myers Associates, Inc.

7.2

Note : this survey shows pro forma, artistic-rendered tree canopies, per surveyor standards; the actual tree canopies will be reflected on an Arborist Report submitted January 2016.







Toro Canyon Bridge

949 Toro Canyon Rd
 Santa Barbara, CA 93108
 APN: 155-020-004

PROJECT TEAM
 Barton Myers Associates,
 Inc. Architect
 310 208 2227

Harry P. Fowler P.E.
 Civil Engineer
 765 Oak Grove Dr.
 Santa Barbara, CA 93108
 805.252.3183

Davis Land Surveying
 Surveyor
 44 Helena Ave.
 Santa Barbara, CA 93101
 805.564.8756

Suzanne Elledge Planning
 Permitting Services
 Expeditor
 1029 Santa Barbara St,
 Santa Barbara, CA 93101
 805.966.2758

PLAN

REVISIONS

REV 18 June 2018

16LUP-00000-00109

Preliminary Approval

SHEET TITLE

Survey - Creek

June 2018

SCALE

1/16" = 1'-0"

DATE

ISSUED FOR

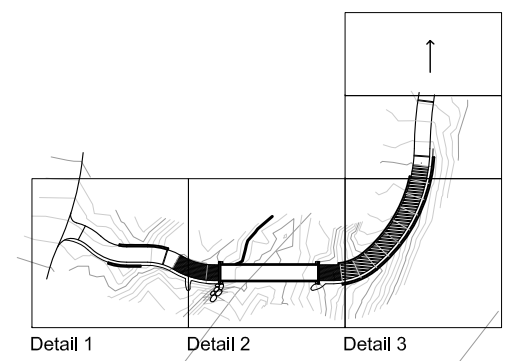
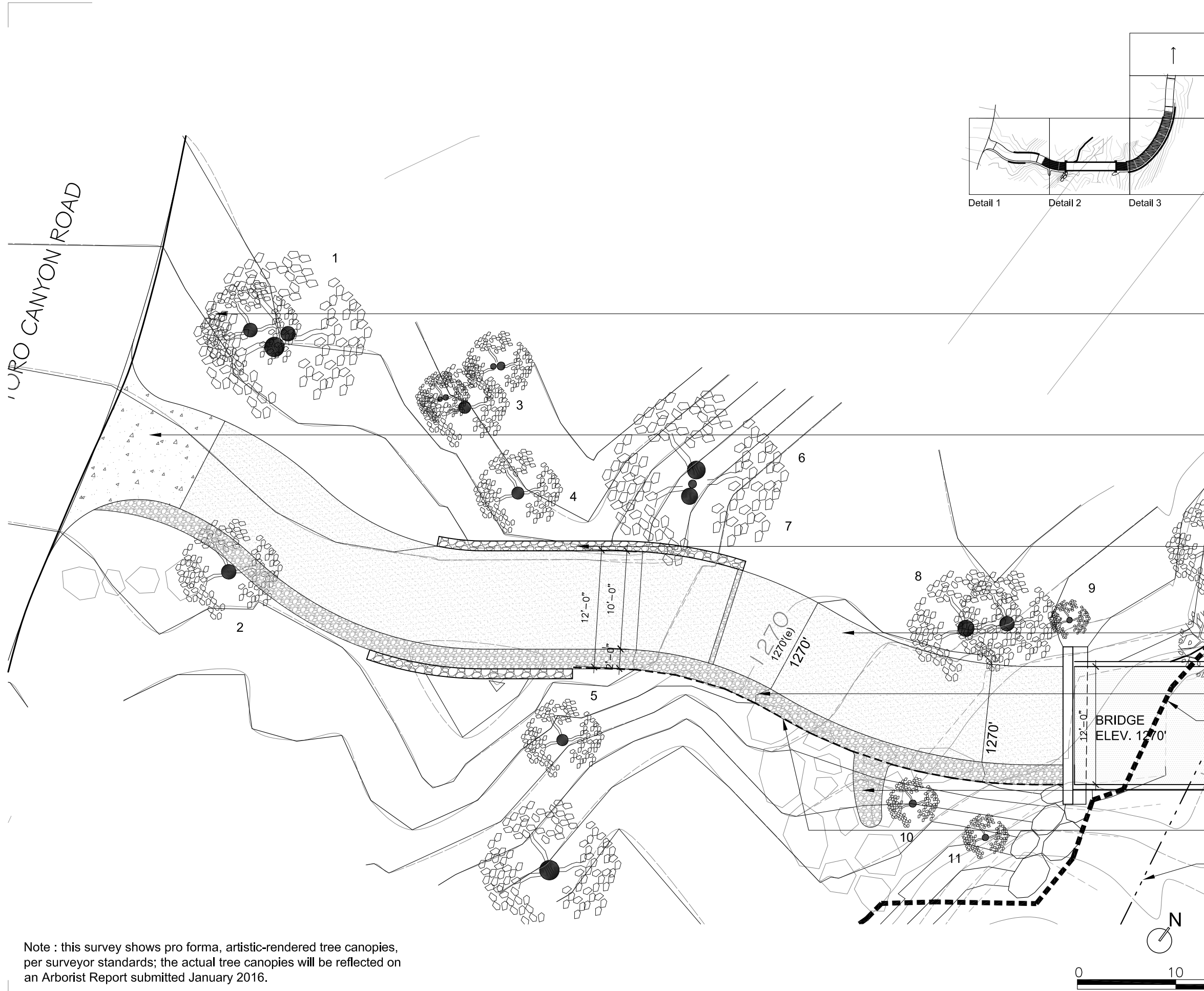
DRAWN BY

© Barton Myers Associates, Inc. 2017

CONFIDENTIAL NOTICE:
 This information contained in this drawing is
 proprietary, confidential and intended only for the use
 of the individual or entity named.
 Any dissemination, distribution or copy of this drawing,
 electronic or otherwise, to anyone other than the
 intended recipient is strictly prohibited.



7.4.2



NOTE:
6/18 New Survey of Stream Bed

Detail 5
Detail 4
Detail 3
Detail 2
Detail 1

TREES 13, 16, 17, 20 & 21
WERE DESTROYED IN THE
1/9/18 DEBRIS FLOW

CSFPD Hammerhead

Proposed 10' Stone Apron

Proposed 3' Stone Wall

Proposed Compacted Shale

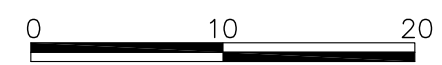
Proposed Stone Gutter

Creek Top of Bank 1262'

Proposed Rip Rap

Proposed Stone Edge Below

Center Line Of Creek



Note : this survey shows pro forma, artistic-rendered tree canopies, per surveyor standards; the actual tree canopies will be reflected on an Arborist Report submitted January 2016.

* RED Lines represent existing topo lines

Toro Canyon Bridge
949 Toro Canyon Rd
Santa Barbara, CA 93108
APN: 155-020-004

PROJECT TEAM
Barton Myers Associates, Inc. Architect
310 208 2227

Harry P. Fowler P.E.
Civil Engineer
765 Oak Grove Dr.
Santa Barbara, CA 93108
805.252.3183

Davis Land Surveying
Surveyor
44 Helena Ave.
Santa Barbara, CA 93101
805.564.8756

Suzanne Elledge Planning & Permitting Services
Expeditor
1029 Santa Barbara St.
Santa Barbara, CA 93101
805.966.2758

PLAN

REVISIONS

10 February 2017
REV 18 June 2018

16LUP-00000-00109

SHEET TITLE

Road Plan - Detail 1

SCALE

DATE

19 January 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
CONFIDENTIALITY NOTICE:
The information contained in this drawing is prepared, confidential and intended only for the use of the individual or entity named.
Any dissemination, distribution or copy of this drawing, electronic or otherwise, to anyone other than the intended recipient is strictly prohibited.

7.5



NOTE:
6/18 New Survey of Stream Bed

Toro Canyon Bridge
949 Toro Canyon Rd
Santa Barbara, CA 93108
APN: 155-020-004

Barton Myers Associates, Inc. Architect
310 208 2227

Harry P. Fowler P.E.
Civil Engineer
765 Oak Grove Dr.
Santa Barbara, CA 93108
805.252.3183

Davis Land Surveying
Surveyor
44 Helena Ave.
Santa Barbara, CA 93101
805.564.8756

Suzanne Elledge Planning & Permitting Services
Expeditor
1029 Santa Barbara St.
Santa Barbara, CA 93101
805.966.2758

Top of Upper Creek Bank

1262' - 100 Year Flood
Creek Top of Bank

Proposed Brushed
Concrete Sevice Road

TRES 13, 16, 17, 20 & 21
WERE DESTROYED IN THE
1/9/18 DEBRIS FLOW

Proposed Stone Lined
Road Gutter

Proposed 2' Stone Wall

Proposed 12' Bridge

Proposed Stone Edge
Below

PLAN

REVISIONS

10 February 2017
REV 18 June 2018

16LUP-00000-00109

SHEET TITLE

Road Plan - Detail 3

SCALE

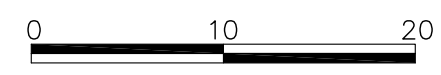
DATE
19 January 2017
ISSUED FOR

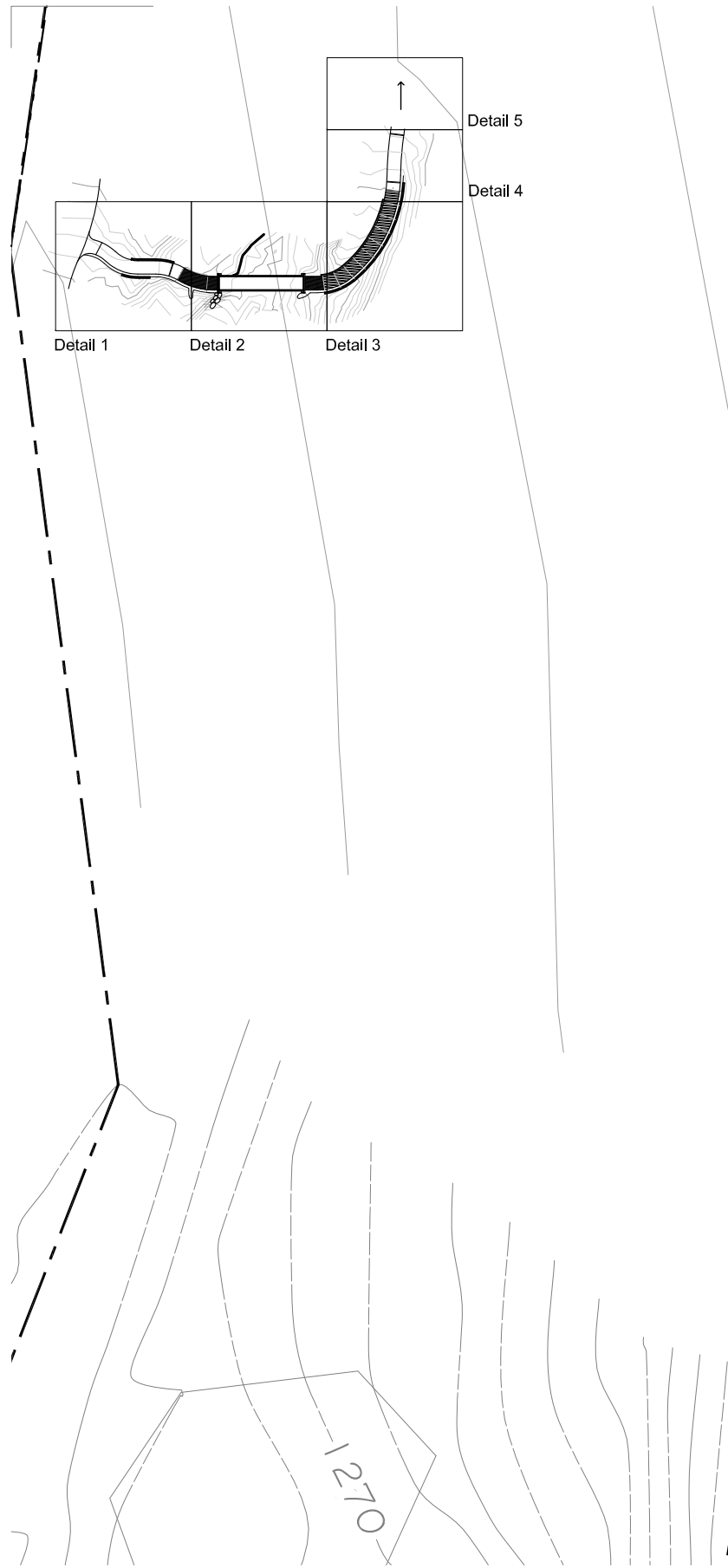
DRAWN BY

© Barton Myers Associates, Inc. 2017
CONFIDENTIAL NOTICE:
This information contained in this drawing is
proprietary, confidential and intended only for the use
of the individual or entity named.
Any dissemination, distribution or copy of this drawing,
electronic or otherwise, to anyone other than the
intended recipient is strictly prohibited.

7.7

Note : this survey shows pro forma, artistic-rendered tree canopies, per surveyor standards; the actual tree canopies will be reflected on an Arborist Report submitted January 2016.
* RED Lines represent existing topo lines





Proposed Tree 56 to be Removed

Proposed Typ. Erosion Control Bars

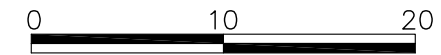
Proposed Shale Road and Stone Lined Road Gutter

Proposed 2' Stone Wall

Proposed Brushed Concrete Road

Note : this survey shows pro forma, artistic-rendered tree canopies, per surveyor standards; the actual tree canopies will be reflected on an Arborist Report submitted January 2016.

* RED Lines represent existing topo lines



Toro Canyon Bridge
 949 Toro Canyon Rd
 Santa Barbara, CA 93108
 APN: 155-020-004

PROJECT TEAM
Barton Myers Associates, Inc. Architect
 310 208 2227

Harry P. Fowler P.E.
 Civil Engineer
 765 Oak Grove Dr.
 Santa Barbara, CA 93108
 805.252.3183

Davis Land Surveying
 Surveyor
 44 Helena Ave.
 Santa Barbara, CA 93101
 805.564.8756

Suzanne Elledge Planning & Permitting Services
 Expeditor
 1029 Santa Barbara St.
 Santa Barbara, CA 93101
 805.966.2758

PLAN

REVISIONS

10 February 2017
 REV 18 June 2018

16LUP-00000-00109

SHEET TITLE

Road Plan - Detail 4

SCALE

DATE

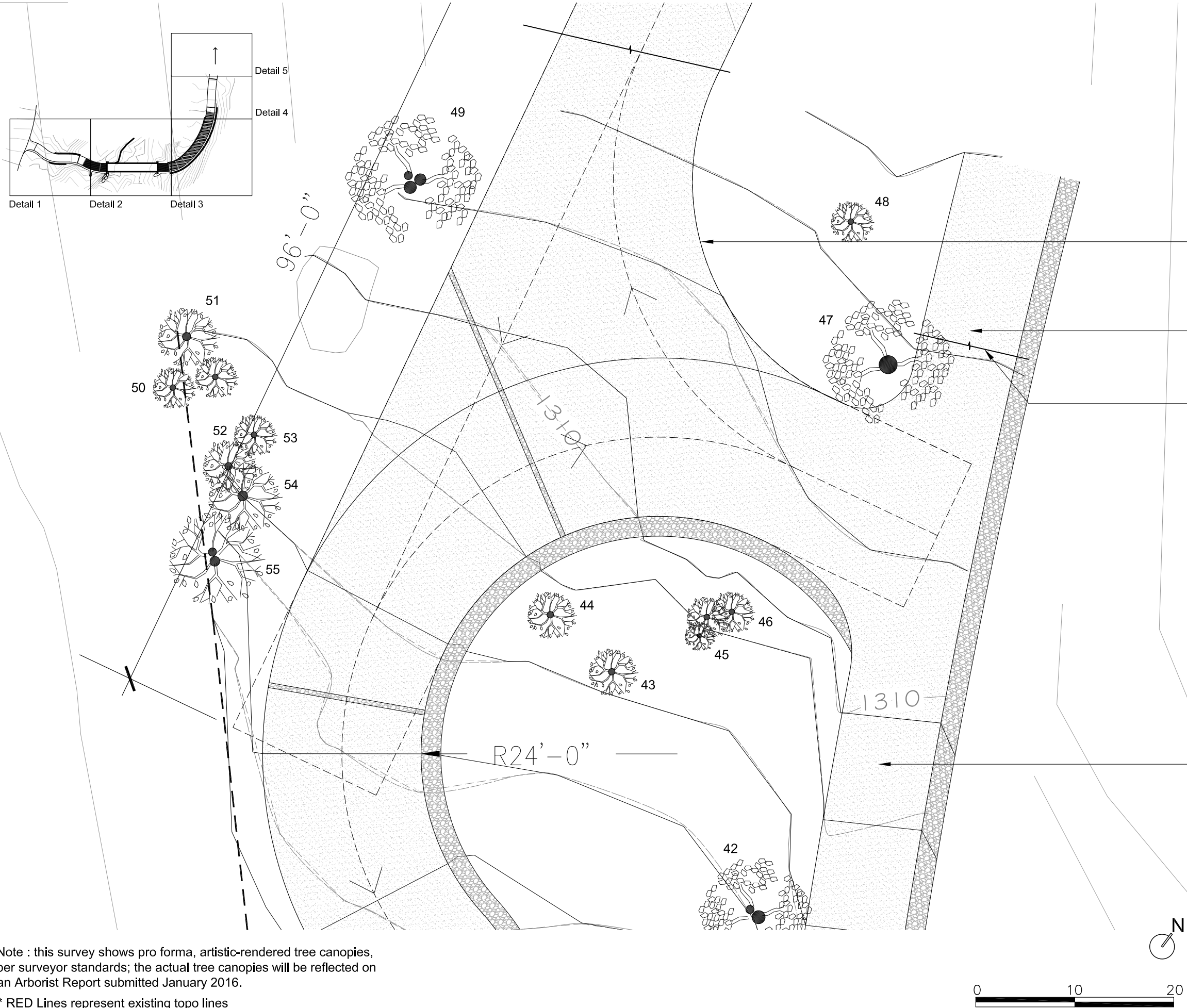
19 January 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
 CONFIDENTIAL NOTICE:
 The information contained in this drawing is prepared, confidential and intended only for the use of the individual or entity named.
 Any dissemination, distribution or copy of this drawing, electronic or otherwise, to anyone other than the intended recipient is strictly prohibited.

7.8



Note : this survey shows pro forma, artistic-rendered tree canopies, per surveyor standards; the actual tree canopies will be reflected on an Arborist Report submitted January 2016.

* RED Lines represent existing topo lines

Toro Canyon Bridge
 949 Toro Canyon Rd
 Santa Barbara, CA 93108
 APN: 155-020-004

PROJECT TEAM
Barton Myers Associates, Inc. Architect
 310 208 2227

Harry P. Fowler P.E.
 Civil Engineer
 765 Oak Grove Dr.
 Santa Barbara, CA 93108
 805.252.3183

Davis Land Surveying
 Surveyor
 44 Helena Ave.
 Santa Barbara, CA 93101
 805.564.8756

Suzanne Elledge Planning & Permitting Services
 Expeditor
 1029 Santa Barbara St.
 Santa Barbara, CA 93101
 805.966.2758

Proposed Fire Department Hammerhead Turnaround

Existing Dirt Road

Proposed End of Shale Road

Existing 10' Dirt Service Road to be 6" Class 32 Aggregate Base Over 6" Compact Road Base

PLAN

REVISIONS

10 February 2017
 REV 18 June 2018

SHEET TITLE

Road Plan - Detail 5

SCALE

DATE

19 January 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
 CONFIDENTIALITY NOTICE:
 This information contained in this drawing is proprietary, confidential and intended only for the use of the individual or entity named.
 Any dissemination, distribution or copy of this drawing, electronic or otherwise, to anyone other than the intended recipient is strictly prohibited.

7.9

Toro Canyon Bridge

949 Toro Canyon Rd
Santa Barbara, CA 93108
APN: 155-020-004

TREES 13, 16, 17, 20 & 21
WERE DESTROYED IN THE
1/9/18 DEBRIS FLOW

ID	Urban Species Common	Latitude	Longitude	Height	DBH	CRZ Drip-line	CRZ-DBH	Growth	Opacity	Quality	Ratio	Vitality	Total Diff	Notes
1	Coast Live Oak Quercus agrifolia	34.451282	-119.560533	40	16.5+20.5+24=61	48	61	3	2	3	3	3	2.8	good health. 9' from Toro canyon, 9' from road with 10' stone apron, 35% impact
2	Coast Live Oak Quercus agrifolia	34.451248	-119.560592	25	19	39	19	3	2	2	2	2	2.2	fair health. 1' from road 50% impact. Rec moving alignment north west two feet for a total of 3' from trunk
3	Coast Live Oak Quercus agrifolia	34.451335	-119.560607	40	5.5+7.5+15=28	27	28	3	3	3	3	3	3	good health. 11' from road, 20% impact
4	Coast Live Oak Quercus agrifolia	34.451320	-119.560592	30	16.5	16.5	2	2	2	2	2	2	2	fair health. trunk curved 90 degrees over road. trunk 6' from 4' tall excavated drop to road. deep cavities in trunk. 2' retaining wall proposed. 35% impacted
5	Coast Live Oak Quercus agrifolia	34.451228	-119.560490	25	15	22	15	2	2	2	2	2	2	fair health. 12' from road 10' below on 45 degree slope. trunk leaning away from road at 45 degree angle. 5% impact
6	Coast Live Oak Quercus agrifolia	34.451228	-119.560490	35	20+22=42	44	42	3	3	3	3	3	3	fair health. 7' from road, lower canopies extensive cavities and leaning over road at 45 degree angle. 25% impact w/retaining wall
7	Coast Live Oak Quercus agrifolia	34.451343	-119.560318	35	25	47	25	3	3	3	3	3	3	good health. 3' from road on excavated hill 6' above road. trunk leaning over road at 25% angle. 40% impact w/retaining wall
8	Coast Live Oak Quercus agrifolia	34.451343	-119.560318	35	20.5	38	20.5	3	3	3	3	3	3	good health. Trunk has extensively cavities. trunk 3' from road on 4' tall excavated hill. 40% impact with retaining wall
9	Coast Live Oak Quercus agrifolia	34.451360	-119.560335	15	8	11	8	3	3	3	3	3	3	good health. 5' from road 2' above. 20% impact w/retaining wall
10	Coast Live Oak Quercus agrifolia	34.451290	-119.560342	20	10	16	10	2	3	2	3	2	2.6	good health. rocks at base. 8' from road. 20% impact. remove rocks against trunk
11	Coast Live Oak Quercus agrifolia	34.451255	-119.560322	20	8	16	8	2	3	2	3	2	2.6	good health. 11' from road on 45 degree slope 10' below road. no impact if rip rap realigned to the northwest
12	California Sycamore Platanus racemosa	34.451390	-119.560287	35	12	30	12	3	3	3	3	3	3	good health. 3' from road/bridge. No impact as bridge spans CRZ
13	Coast Live Oak Quercus agrifolia	34.451292	-119.560245	35	13	20	13	3	3	4	4	4	3.6	good health. 2' from road/bridge. adjacent to creek, bridge spans CRZ no impact
14	Coast Live Oak Quercus agrifolia	34.451393	-119.560287	40	11+14=25	32	25	3	3	3	3	3	3	good health. 8' from road/bridge on slope towards creek. No impact
15	Coast Live Oak Quercus agrifolia	34.451362	-119.560318	35	8+13=21	34	21	3	3	3	3	3	3.2	good health. 21' from road. no impact
16	Coast Live Oak Quercus agrifolia	34.451460	-119.560240	25	7+10	21	17	3	3	3	3	3	3	good health. 3' from road/bridge. roots exposed 1' from tree on creek side no impact, bridge spans crz
17	California Sycamore Platanus racemosa	34.451437	-119.560213	40	11	20	11	3	3	3	3	3	3	good health. 3' from road/bridge. Bridge spans crz, no impact
18	Coast Live Oak Quercus agrifolia	34.451355	-119.560207	30	5+14=19	25	19	3	3	3	3	2	2.8	good health. 5' from road. 35% impact
19	Coast Live Oak Quercus agrifolia	34.451522	-119.560232	30	7+10+11=28	22	28	3	3	2	2	3	2.6	good health. 2' from road. 45% impact one trunk damaged from scraping. rec remove rocks on trunk.
20	Coast Live Oak Quercus agrifolia	34.451173	-119.560697	30	7+10+12.5=29.5	27	29.5	3	2	3	3	3	2.8	good health. 6' from road. trunk on slope partially buried. 35% impact
21	Coast Live Oak Quercus agrifolia	34.451437	-119.560183	25	9+8=17	18	17	3	2	3	2	2	2.6	good health. 10' from road. 15% impact
22	Coast Live Oak Quercus agrifolia	34.451537	-119.560230	25	14+8.5=22.5	27	22.5	2	3	3	3	3	2.8	good health. 3' from road surrounded by rocks. 35% impact
23	Coast Live Oak Quercus agrifolia	34.451490	-119.560077	25	19	19	3	2	2	3	2	2	2.4	good health. scaffolds have extensive cavities. 1 scaffold leaning over road. 4' from road on a 4' excavated hill. 40% impact rec retaining wall in addition to rip rap
24	Coast Live Oak Quercus agrifolia	34.451498	-119.560152	40	32	39	32	2	3	2	2	2	2.2	fair health. Extensive cavities in trunk and scaffolds. 9' from road on hill. 35% impact with retaining wall
25	Coast Live Oak Quercus agrifolia	34.451582	-119.560187	25	11	19	11	3	3	3	3	3	3	good health. 8' from road, 3' above leaning away from road. 15% impact
26	Coast Live Oak Quercus agrifolia	34.451582	-119.560130	25	9	18	9	3	3	3	3	3	3	good health. 1' from road 2' above gade. 40% impact with retaining wall
27	Coast Live Oak Quercus agrifolia	34.451582	-119.560130	25	5+6+9=20	21	20	3	3	3	3	3	3	good health. 3' from road 3' above grade. 30% impact with retaining wall
28	Coast Live Oak Quercus agrifolia	34.451677	-119.560093	25	8.5	17	8.5	3	3	3	3	3	3	good health. 3' from road 4' above grade. 30% impact with retaining wall
29	Coast Live Oak Quercus agrifolia	34.451540	-119.560212	25	9.5	18	9.5	3	3	3	3	3	3	good health. intertwined with 4" sycamore. 4' from road 3' above grade. 25% impact
30	California Sycamore Platanus racemosa	34.451740	-119.560403	30	9	15	9	3	3	3	3	3	3	good health. 11' from road. no impact
31	Coast Live Oak Quercus agrifolia	34.451715	-119.560335	25	9	19	9	3	3	3	3	3	3	good health 11' from road no impact
32	Coast Live Oak Quercus agrifolia	34.451690	-119.560208	30	11.5	18	11.5	3	3	3	3	3	3	good health. 1' from road. 50% impact. Rec. moving alignment 2' southeast away from trunk
33	Coast Live Oak Quercus agrifolia	34.451705	-119.560217	20	6.5	8	6.5	2	2	2	2	2	2	fair health. trunk leaning away from road. 2' from road, 40% impact. Rec. moving road alignment southeast 2' away from trunk
34	Coast Live Oak Quercus agrifolia	34.451648	-119.560193	25	9.5	15	9.5	3	3	3	3	3	3	good health. 1' from road, 50% impact. Rec moving road alignment southeast 2' away from trunk
35	Coast Live Oak Quercus agrifolia	34.451693	-119.560127	45	28+10=38	40	38	4	4	4	4	4	3.6	excellent condition. 11' from road, 10' above grade. 25% impact
36	Coast Live Oak Quercus agrifolia	34.451825	-119.560162	45	8+4=12	25	41	3	3	3	3	3	3	good health 8' from road 10' above grade. 25% impact
37	California Sycamore Platanus racemosa	34.451800	-119.560200	35	7.5	16	7.5	3	3	3	3	3	3	good health. 1' from road 45% impact. Rec shifting road alignment west 3' from trunk
38	Coast Live Oak Quercus agrifolia	34.451910	-119.560238	35	7+9=16	26	16	3	3	3	3	3	3	good health. 14' from road, 15% impact
39	California Sycamore Platanus racemosa	34.451823	-119.560280	35	6.5	13	6.5	3	3	3	3	3	3	good health. 1' from road, 45% impact. Rec shifting alignment 3' west of trunk
40	California Sycamore Platanus racemosa	34.451567	-119.560302	35	8	17	8	3	3	3	3	3	3	good health. 4' from road. 25% impact
41	California Sycamore Platanus racemosa	34.451877	-119.560268	35	8	15	8	3	3	3	3	3	3	good health. 1' from road. 45% impact Rec shifting road alignment 3' west of trunk
42	Coast Live Oak Quercus agrifolia	34.451953	-119.560297	30	10+16=26	24	26	4	4	4	4	4	4	excellent health. 14' from road. 20% impact
43	California Sycamore Platanus racemosa	34.451997	-119.560358	35	8	15	8	3	3	3	3	3	3	good health. 7' from road. 10% impact
44	California Sycamore Platanus racemosa	34.451992	-119.560383	35	8	16	8	3	3	3	3	3	3	good health. 2' from road. 35% impact Rec. shifting road alignment 4' northwest of trunk
45	California Sycamore Platanus racemosa	34.451982	-119.560383	35	6.5+5=11.5	24	11.5	3	3	3	3	3	3	good health. 6' from road. 35% impact
46	California Sycamore Platanus racemosa	34.452115	-119.560230	35	6.5+3.5=10	18	10	3	3	3	3	3	3	good health. 4' from road, 2' below grade. rocks piled around base. 30% impact
47	Coast Live Oak Quercus agrifolia	34.452127	-119.560420	35	23	41	23	3	4	3	4	4	3.6	good health. scaffold cavities not sealed. 4' from road intersection. 40% impact. Keep alignment of road at least 4' from trunk
48	California Sycamore Platanus racemosa	34.452130	-119.560413	25	6.5	20	6.5	3	3	3	3	3	3	good health, subordinate to adjacent oak tree number 47. 14' from road. 5% impact
49	Coast Live Oak Quercus agrifolia	34.452073	-119.560513	30	14.5+14+10=38.5	48	38.5	3	3	3	3	3	3	good health. 11' from road. 30% impact
50	California Sycamore Platanus racemosa	34.451963	-119.560570	25	6.5	15	6.5	3	3	3	3	3	3	good health. 9' from road. no impact
51	California Sycamore Platanus racemosa	34.452035	-119.560483	30	9.5	14	9.5	3	3	3	3	3	3	good health. edge of canyon cliff. 15' from road. no impact
52	California Sycamore Platanus racemosa	34.451930	-119.560483	30	6	11	6	3	3	3	3	3	3	good health. root collar buried. 8' from road. no impact
53	California Sycamore Platanus racemosa	34.451893	-119.560558	30	8	14	8	3	3	3	3	3	3	good health. 12' from road no impact
54	California Sycamore Platanus racemosa	34.451948	-119.560493	35	12.5	22	12.5	3	3	3	3	3	3	good health 10' from road. 10% impact
55	California Sycamore Platanus racemosa	34.451905	-119.560513	35	10+9=19	19	19	3	3	3	3	3	3	good health. 14' from road. 10% impact
56	California Sycamore Platanus racemosa	34.451853	-119.560352	30	8	12	8	3	3	3	3	3	3	good health. 1' from road. 45% impact
57	California Sycamore Platanus racemosa	34.451853	-119.560345	25	6.5+7=13.5	21	13.5	3	3	3	3	3	3	good health, 6' from road. 30% impact
58	California Sycamore Platanus racemosa	34.451820	-119.560307	25	7+6=13	18	13	3	3	3	3	3	3	good health. 11' from road. 10% impact
59	California Sycamore Platanus racemosa	34.451820	-119.560307	30	6+5=11	19	11	3	3	3	3	3	3	good health. 2' from road. 35% impact

PROJECT TEAM

Barton Myers Associates, Inc. Architect
310 208 2227

Harry P. Fowler P.E.
Civil Engineer
765 Oak Grove Dr.
Santa Barbara, CA 93108
805.252.3183

Davis Land Surveying
Surveyor
44 Helena Ave.
Santa Barbara, CA 93101
805.564.8756

Suzanne Elledge Planning & Permitting Services
Expeditor
1029 Santa Barbara St,
Santa Barbara, CA 93101
805.966.2758

PLAN

REVISIONS

10 February 2017
REV 18 June 2018

16LUP-00000-00109

Ken Knight
Arborist Report

SHEET TITLE

Tree Inventory

SCALE

DATE

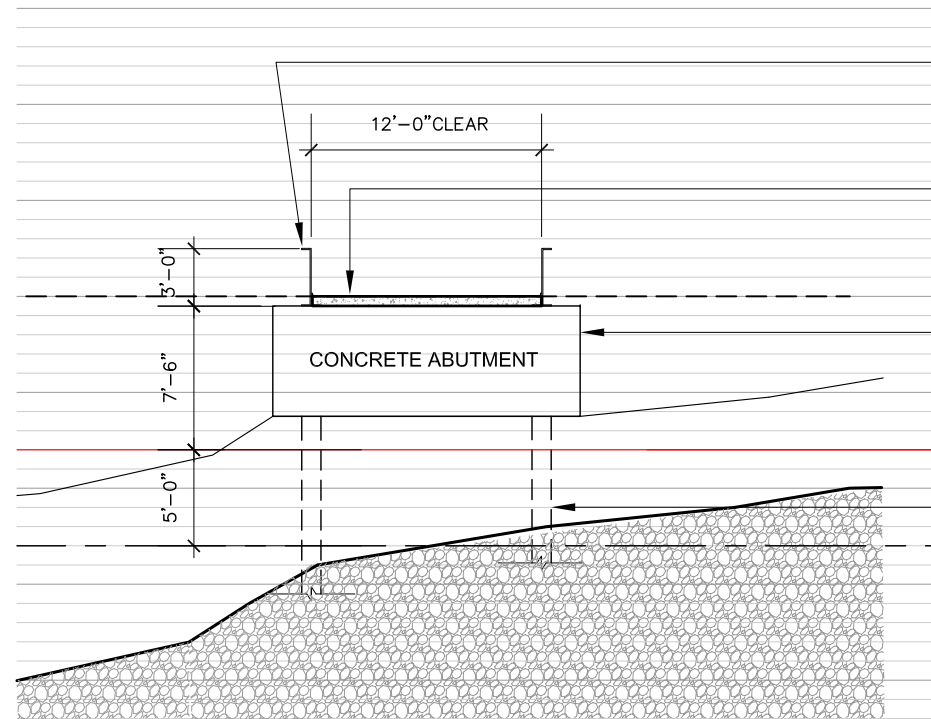
19 January 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
CONFIDENTIALITY NOTICE:
The information contained in this drawing is prepared, confidential and intended only for the use of the individual or entity named.
Any dissemination, distribution or copy of this drawing, electronic or otherwise, to anyone other than the intended recipient is strictly prohibited.

7.10



WF-36
I-Beam Bridge - Acts as Railing

1270'
Top of Bridge Elevation

Proposed Concrete Abutments

100 Year Flood Elevation
1262' - Post 1/9/18 Debris Flow

Proposed Concrete Pile

1257'
Bottom of Creek

Toro Canyon Bridge

949 Toro Canyon Rd
Santa Barbara, CA 93108
APN: 155-020-004

PROJECT TEAM

Barton Myers Associates, Inc. Architect
310 208 2227

Harry P. Fowler P.E.
Civil Engineer
765 Oak Grove Dr.
Santa Barbara, CA 93108
805.252.3183

Davis Land Surveying
Surveyor
44 Helena Ave.
Santa Barbara, CA 93101
805.564.8756

Suzanne Elledge Planning & Permitting Services
Expeditor
1029 Santa Barbara St.
Santa Barbara, CA 93101
805.966.2758

NORTH/SOUTH CROSS SECTION A-A - TORO CANYON CREEK



Toro Canyon Bridge Entry



Toro Canyon Bridge



Toro Canyon Bridge

PLAN

REVISIONS

10 February 2017
REV 18 June 2018

16LUP-00000-00109

SHEET TITLE

Bridge Photos

SCALE

DATE

10 February 2017

ISSUED FOR

DRAWN BY

© Barton Myers Associates, Inc. 2017
CONFIDENTIALITY NOTICE:
This information contained in this drawing is
proprietary, confidential and intended only for the use
of the individual or entity named.
Any dissemination, distribution or copy of this drawing,
electronic or otherwise, to anyone other than the
intended recipient is strictly prohibited.

