

Letter from Geotechnical Consultant

Date: October 4, 2007
GDI #: 06.00103.0152**CITY OF AGOURA HILLS - GEOTECHNICAL REVIEW SHEET**

To: Doug Hooper

Project Location: Canwood Street, East & West of Medea Creek, Agoura Hills, California.

Planning Case #: 06-CUP-007 (Adler Realty Investments)

Building & Safety #: None

Geotechnical Report: "ABI Engineering Consultants, Inc. (2007), "Oak Creek Development, Uppermost Keystone Wall along East side of Medea Creek Design Review per revised grading plan provided by Westcon Engineering, Inc.," Project No. 70184, dated September 25, 2007."
The J. Byer Group, Inc. (2007), "Addendum Geotechnical Engineering Update, Proposed Five Commercial Buildings, Lots 3-6, and a Portion of Lots 7 and C, Tract 53752, Canwood Street, East and West of Medea Creek, Agoura Hills, California," JB 20408-C, dated July 31, 2007.
The J. Byer Group, Inc. (2006), "Geotechnical Engineering Update, Proposed Five Commercial Buildings, Lots 3-6, and a Portion of Lots 7 and C, Tract 53752, Canwood Street, East and West of Medea Creek, Agoura Hills, California," JB 20408-C, dated May 24, 2007.
The J. Byer Group, Inc. (2006), "Geotechnical Engineering Update, Proposed Five Commercial Buildings, Lots 3-6, and a Portion of Lots 7 and C, Tract 53752, Canwood Street, East and West of Medea Creek, Agoura Hills, California," JB 20408-C, dated August 15, 2006.
The J. Byer Group, Inc. (2006), "Final Compaction Report, Oak Creek Development, Lots 1 - 8, and A - C, 28901 – 29145 Canwood Street, and 28290 – 29143 Oak Creek Lane, Agoura Hills, California," JB 18501-B, dated August 10, 2006.

Plans: Westcon Engineering Inc., (2007), "Conceptual Grading Plan, for CUP Submittal, Canwood Street, East Side of Medea Creek, Sheets 1 through 3," Scale 1"=20', dated January 30, 2007.

Previous Reviews: February 22, 2007, June 28, 2007 and August 2, 2007.

CITY OF AGOURA HILLS
2007 OCT - 9 AME
CITY CLERK

FINDINGS

Planning/Feasibility Issues

- Acceptable as Presented
 Response Required

Geotechnical Report

- Acceptable as Presented
 Response Required

REMARKS

ABI Engineering Consultants, Inc. (ABI) provided an evaluation of the existing keystone retaining wall along the east side of Medea Creek, at the proposed development of the site located on Canwood Street, east and west of the Medea Creek, Agoura Hills, California. The proposed development includes the construction of five commercial buildings. About three to six feet of fill will be necessary to reach the finished grade. Grading activities were previously performed at the site. The site was rough graded under the observation of the J Byer Group, Inc. Additional fill is proposed to be placed over the level backfill behind the existing keystone at a 2(h):1(v) gradient.

The City of Agoura Hills – Planning Department reviewed the referenced report from a geotechnical perspective for compliance with applicable codes, guidelines, and standards of practice. GeoDynamics, Inc. (GDI) performed the geotechnical review on behalf of the City. Based upon a review, the referenced reports are acceptable as presented with regard to planning and feasibility issues. We recommend the Planning Commission consider approval of Case Nos. 06-CUP-007. Plan-Check comments should be addressed in Building & Safety Plan Check, and a separate geotechnical submittal is not required for plan-check comments.

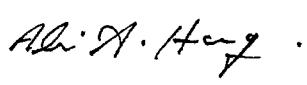
Plan-Check Comments

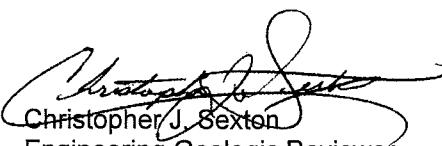
1. The structural engineer for the project should provide a letter indicating that the foundations of all habitable structures are designed for the total and differential settlements (seismic and static accumulatively) in a manner that meets the building code intent.
2. The name, address, and phone number of the Consultant and a list of all the applicable geotechnical reports shall be included on the building/grading plans.
3. The grading plan should include the limits and depths of overexcavation of the building pad and flatwork areas as recommended by the Consultant.
4. The following note must appear on the grading and foundation plans: "*Tests shall be performed prior to pouring footings and slabs to determine the expansion index of the supporting soils, and foundation and slab plans should be reviewed by the Geotechnical Consultant and revised, if necessary, accordingly.*"
5. The following note must appear on the grading and foundation plans: "*All cut-slopes should be mapped during grading. Stabilization measures should be applied where future cuts expose adversely oriented joint surfaces or intersections of joint surfaces.*"
6. The following note must appear on the grading and foundation plans: "*Excavations shall be made in compliance with CAL/OSHA Regulations.*"
7. The following note must appear on the foundation plans: "*All foundation excavations must be observed and approved, in writing, by the Project Geotechnical Consultant prior to placement of reinforcing steel.*"
8. Foundation plans and foundation details shall clearly depict the embedment material and minimum depth of embedment for the foundations.
9. Drainage plans depicting all surface and subsurface non-erosive drainage devices, flow lines, and catch basins shall be included on the building plans.
10. Final grading, drainage, and foundation plans shall be reviewed, signed, and wet stamped by the consultant.
11. Provide a note on the grading and foundation plans that states: "*An as-built report shall be submitted to the City for review. This report prepared by the Geotechnical Consultant must include the results of all compaction tests as well as a map depicting the limits of fill, locations of all density tests, outline and elevations of all removal bottoms, keyway locations and bottom elevations, locations of all subdrains and flow line elevations, and location and elevation of all retaining wall backdrains and outlets. Geologic conditions exposed during grading must be depicted on an as-built geologic map.*"

If you have any questions regarding this review letter, please contact GDI at (805) 496-1222.

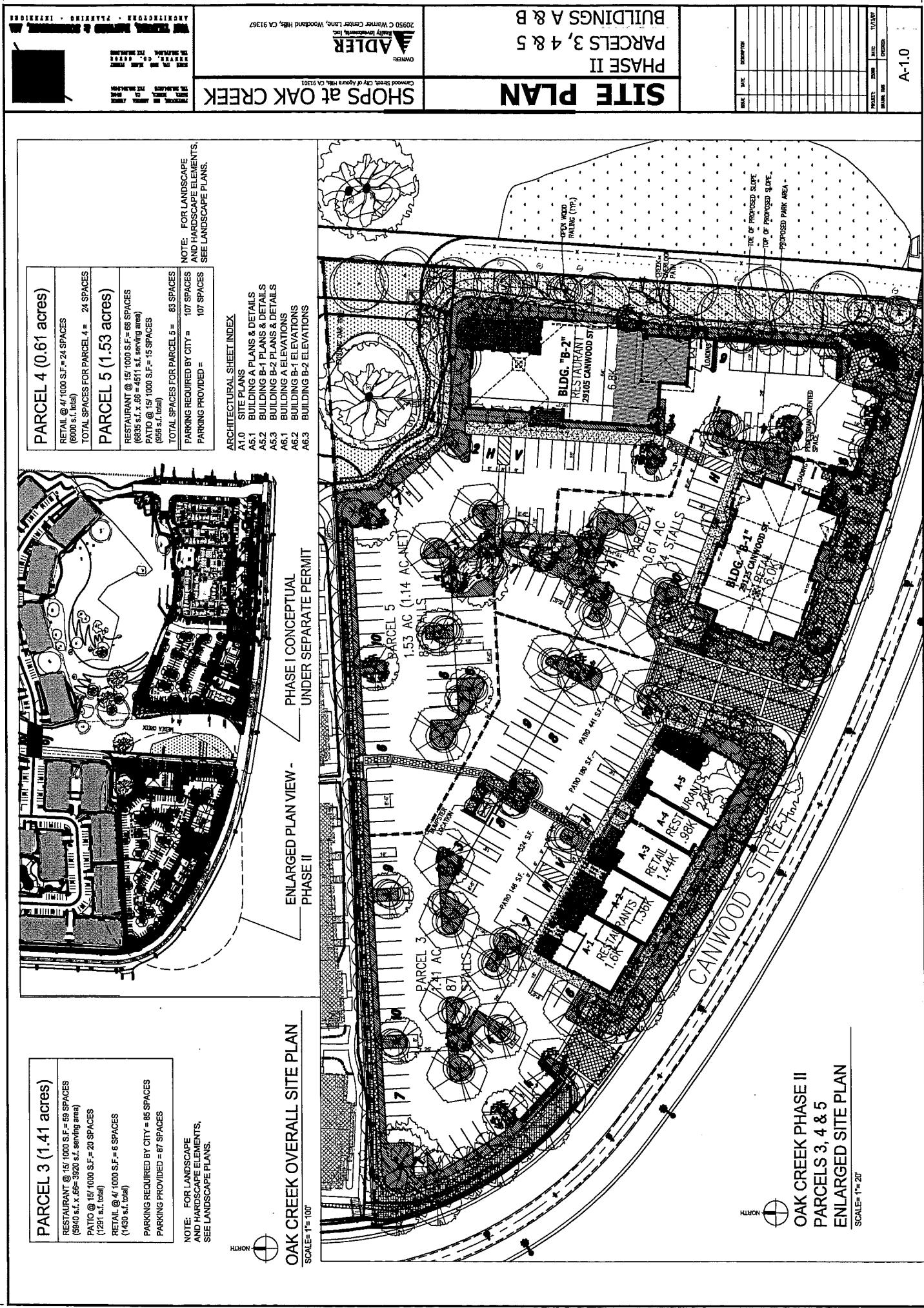
Respectfully Submitted,

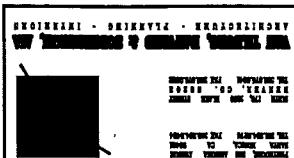
GeoDynamics, INC.


Ali Abdel-Haq
Geotechnical Engineering Reviewer
GE 2308 (exp. 12/31/07)


Christopher J. Sexton
Engineering Geologic Reviewer
CEG 1441 (exp. 11/30/08)

Reduced Copies of Plans





ADLER
OWNER

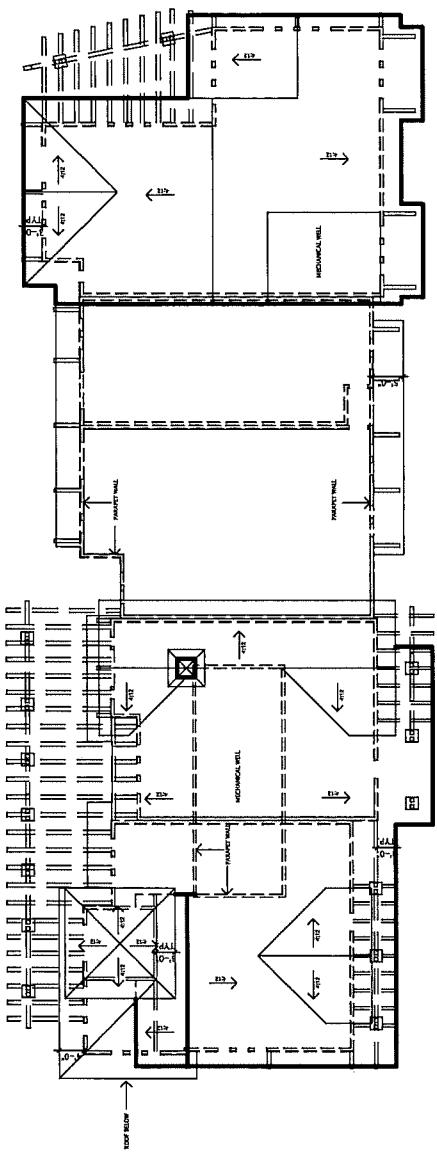
BUILDING A
PHASE II
PARCEL 3
SHOPS at OAK CREEK

BLDG. PLANS

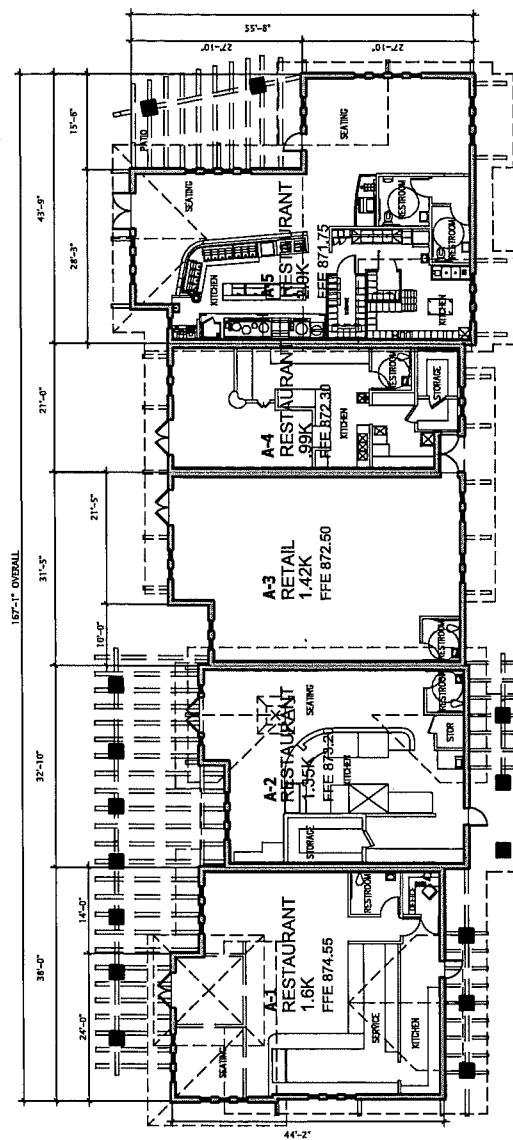
Chosen Sheet by of Agency Reg. No. CA 1500

Project No.	Drawn By	Date Drawn	Scale
1500	1500	1500	1500

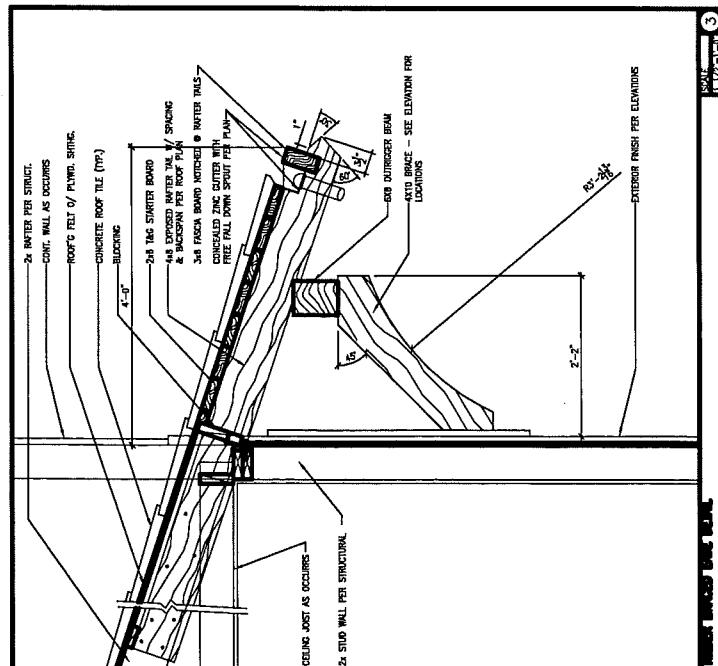
OAK CREEK BUILDING PLAN A
SCALE: 1" = 6'



(1) ROOF PLAN

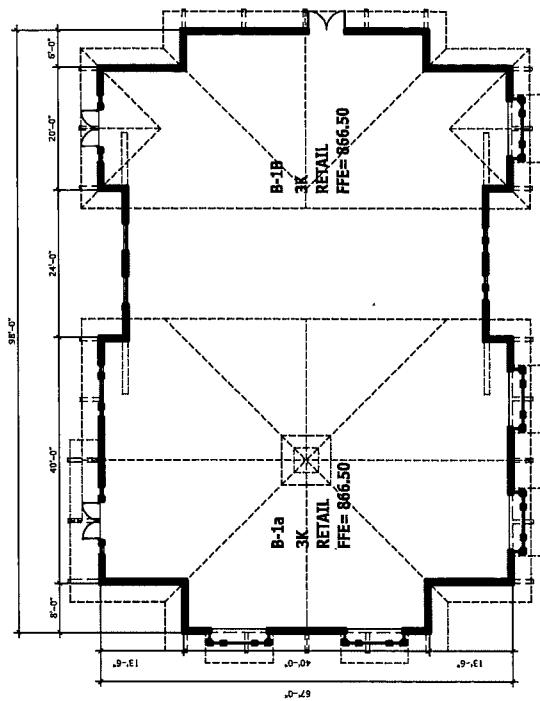


(2) GROUND FLOOR PLAN
(7,345 SQ. FT. RETAIL)

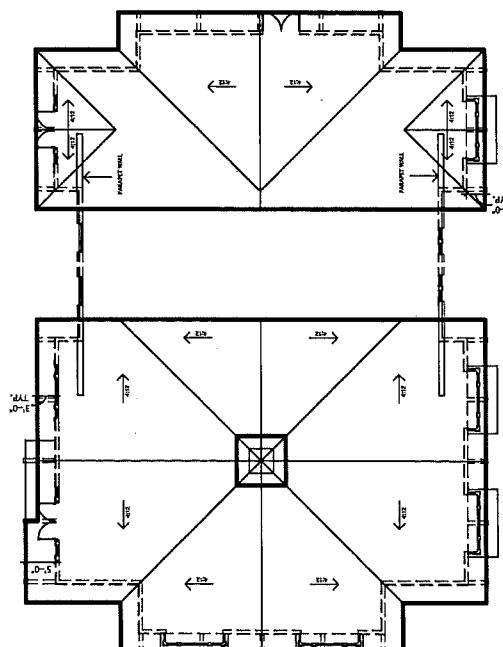


(3)

BLDG. PLANS SHOPS at OAK CREEK



GROUND FLOOR PLAN
(6,000 SQ. FT. RETAIL)



ROOF PLAN

PROJECT	NAME	SIZE	TYPE	STATUS

A-5-2



RENDERING

PHOTOGRAPH

BLDG. PLANS SHOPS AT OAK CREEK

RENDERING

PHOTOGRAPH

ADLER
OWNER

RENDERING

PHOTOGRAPH

RENDERING

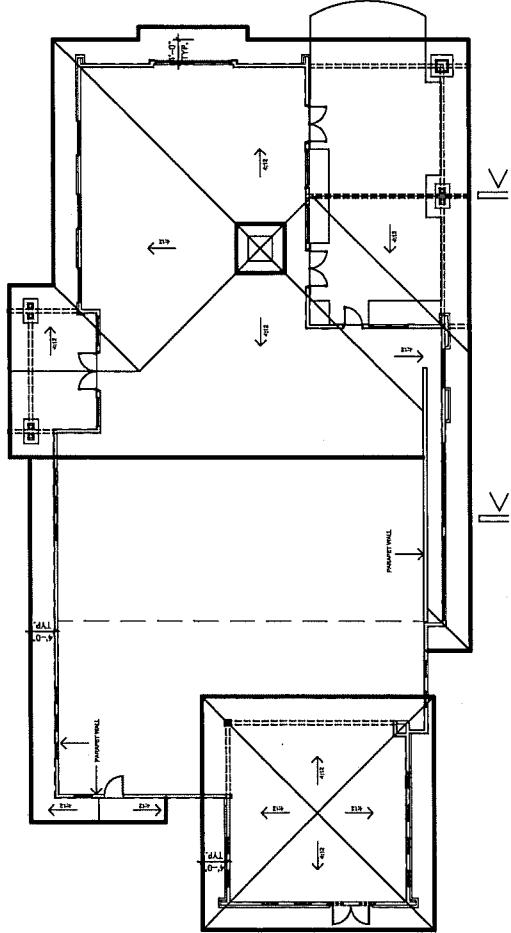
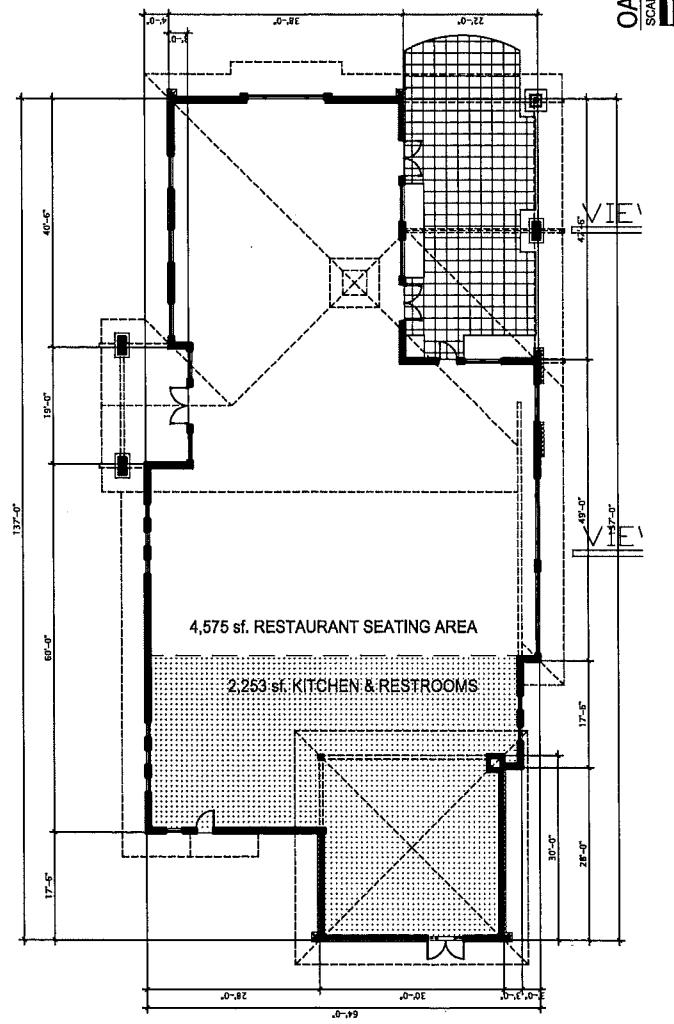
PHOTOGRAPH

PARCELS 4 & 5
BUILDING B-2
PHASE II

RENDERING

PHOTOGRAPH

RENDERING

**ROOF PLAN****GROUND FLOOR PLAN**
(6,828 SQ. FT. RETAIL)**OAK CREEK BUILDING PLANS - BUILDING B-2**

SCALE: 1/8" = 1'-0"

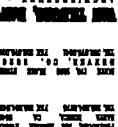
4'-0"

BUILDING A

PARCEL 3

ELEVATIONS

SHOPS at OAK CREEK



20950

CITY

OF

AGOURA

HILLS

CA

91367

ADLER
OWNER

20950

CITY

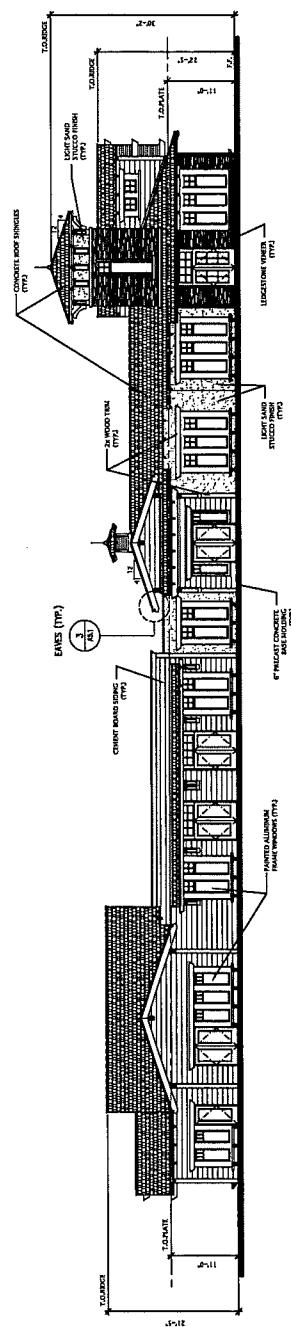
OF

AGOURA

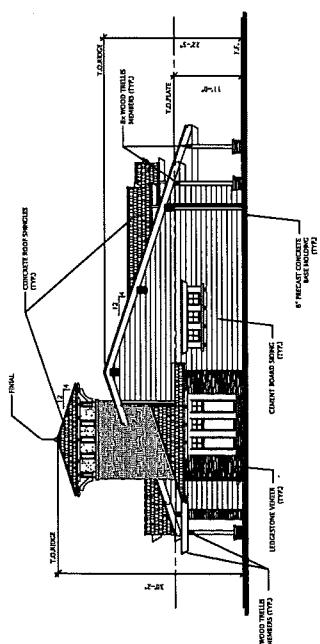
HILLS

CA

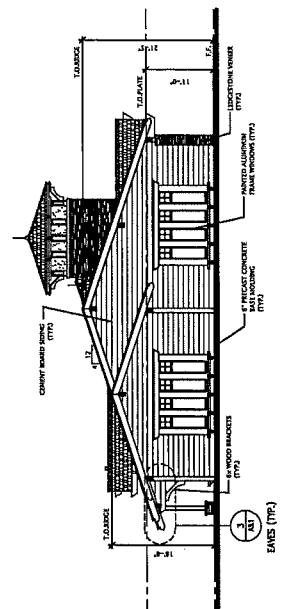
91367



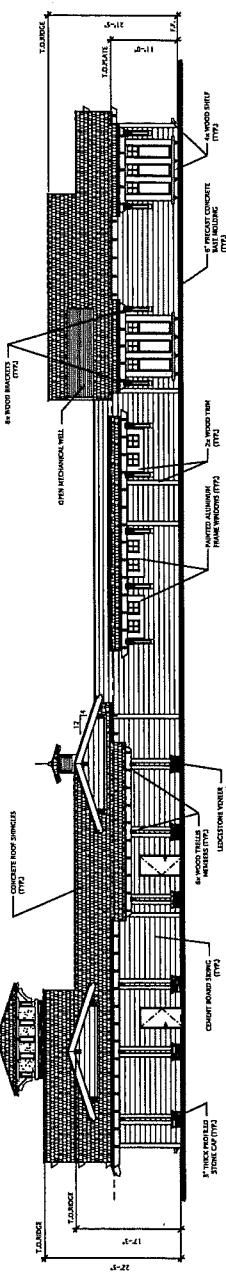
WEST ELEVATION (WEST SIDE)



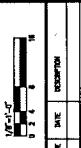
EAST ELEVATION (UNIT A)



WEST ELEVATION (UNIT A)



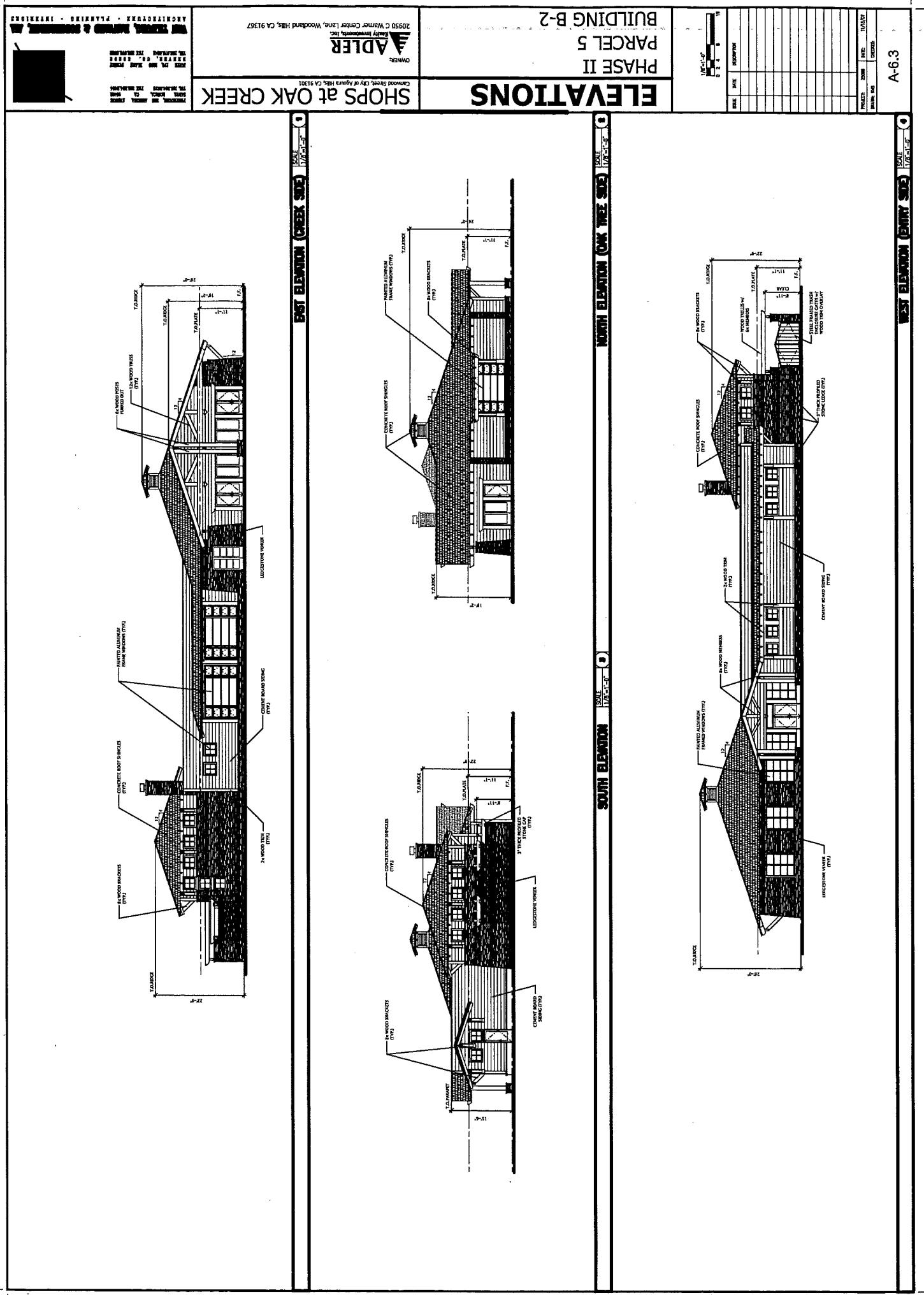
SOUTH ELEVATION (UNIT A)

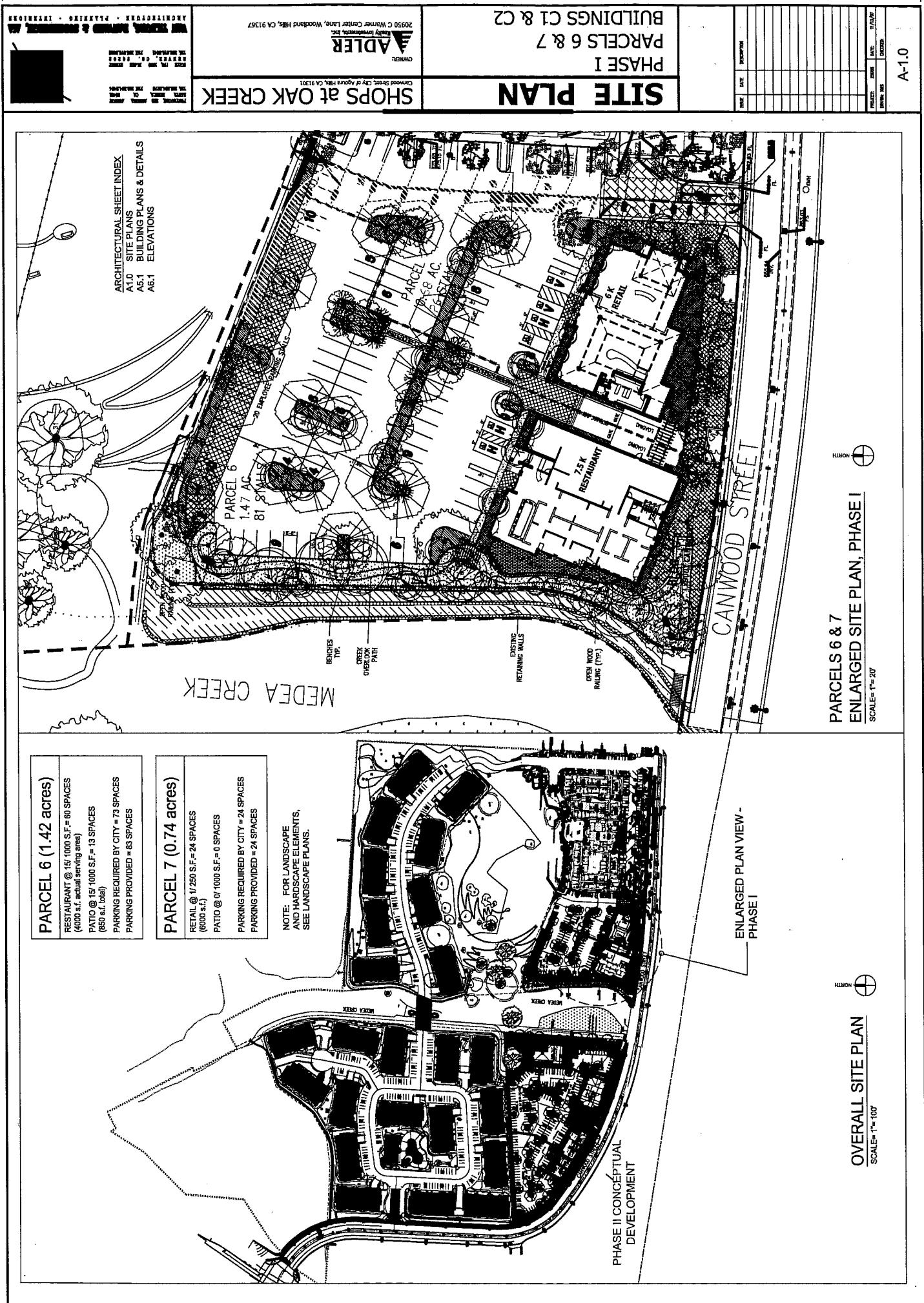


1/8" = 1'-0"

PROJECT	NAME	DATE	DESIGNER

SOUTH ELEVATION (UNIT A)



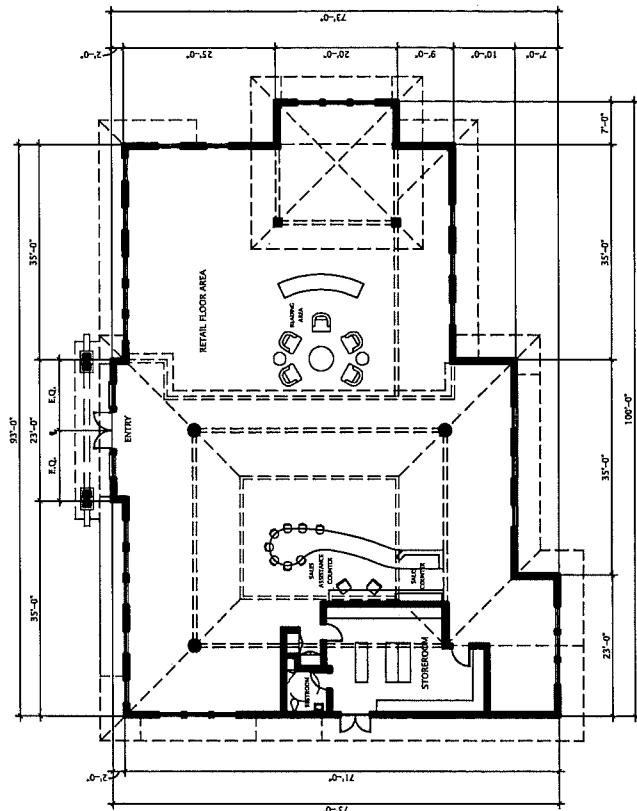


BLDG. PLANS

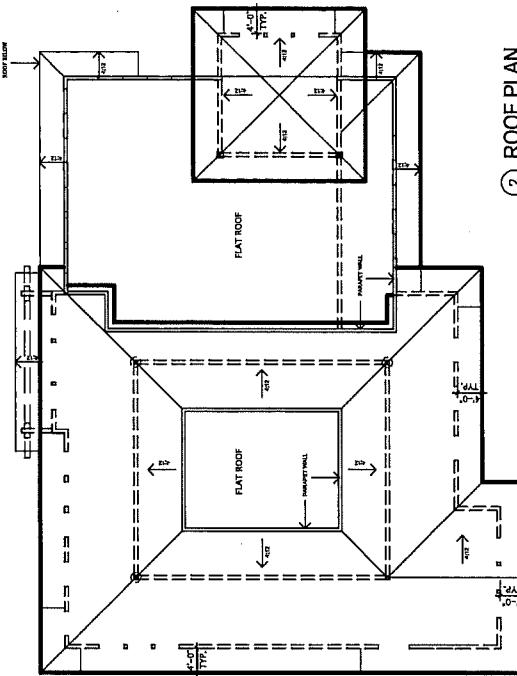
SHOPS at OAK CREEK

PARCEL 7
BUILDING C2

A-5.1

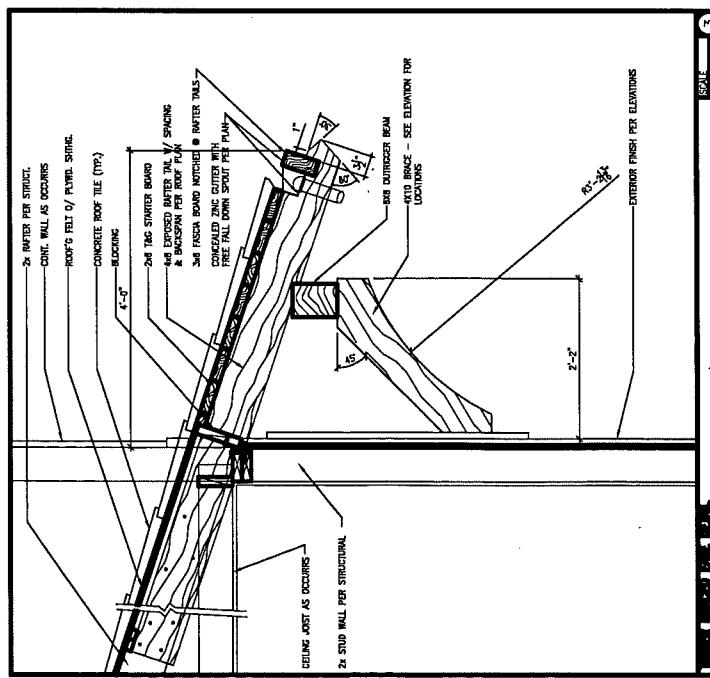


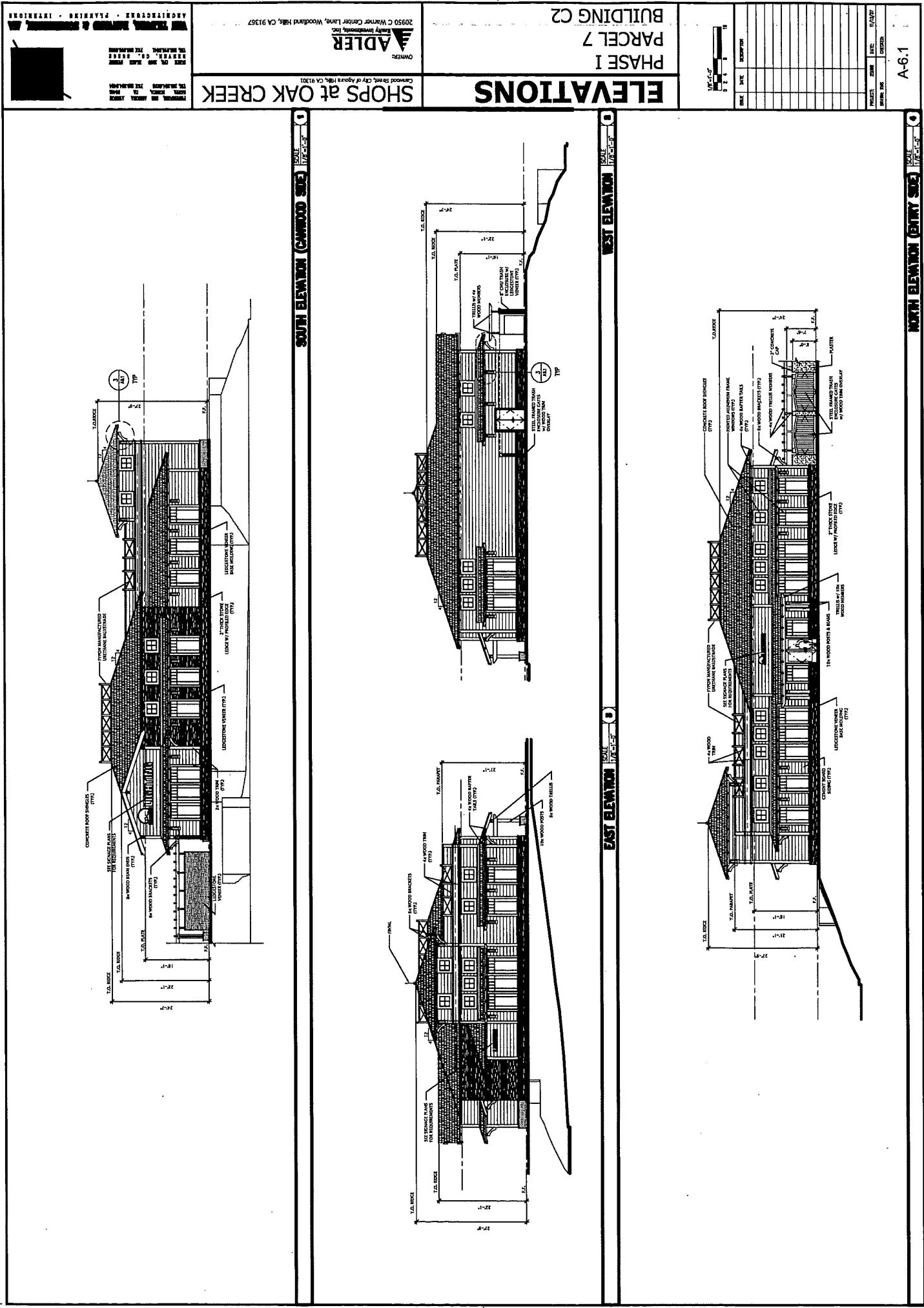
① GROUND FLOOR PLAN
(6,000 SQ. FT. RETAIL)



OAK CREEK BUILDING PLANS - BUILDING C-2

SCALE: 1/8" = 1'-0"





NOTES

* PUBLIC ART PIECE TO BE DISPLAYED ON
WEST PROPERTY (N.L.C.)

LANDSCAPE REQUIREMENTS

PARKING AREA LANDSCAPE & Hardscape:

- REQUIRED LANDSCAPE IN PARKING AREA =
15% OF TOTAL PARKING AREA
- REQUIRED SHADE COVERAGE IN PARKING AREA =
80% OF TOTAL PARKING AREA
- PROVIDED:

TOTAL PARKING LOT AREA = 8,650 S.F.
LANDSCAPE AREA IN PARKING LOT = 1,290 S.F.
LANDSCAPE SLOPES = 17.5% TOTAL LANDSCAPE IN PARKING AREA

Landscape Slope = 9.650 S.F. X 0.175 = 1,678.75 S.F.

Landscape along Meade Creek = 10,304 S.F.
Shade coverage in parking area = 9,304 S.F. X 0.80 = 7,443.20 S.F.

CANWOOD STREET SITE PLAN

PARCELS 3, 4, & 5
SHOPS AT OAK CREEK
Canwood Street, City of Agoura Hills, CA
L.A. GROUP
LANDSCAPE ARCHITECTURE
22110 Calabasas St., Suite 200,
Woodland Hills, CA 91364
818.251.9711 FAX 818.251.9719
www.lagroupinc.net

PRELIMINARY PLANT LEGEND

CANWOOD STREET SCENIC WILDLIFE / PARKING AREA TREES	
NAME	TYPE
AM LAV.	AMERICAN LAVENDER
MAG. MAG.	MAGNOLIA
PLAT. PLAT.	PLATANUS
LAV. LAV.	LAVENDER
OAK. OAK	OAK
LAV. LAV.	LAVENDER
MAP. MAP.	MAPPAGNA
SUB. SUB.	SUBTROPICAL
TEA. TEA	TEA
YEW. YEW	YEW

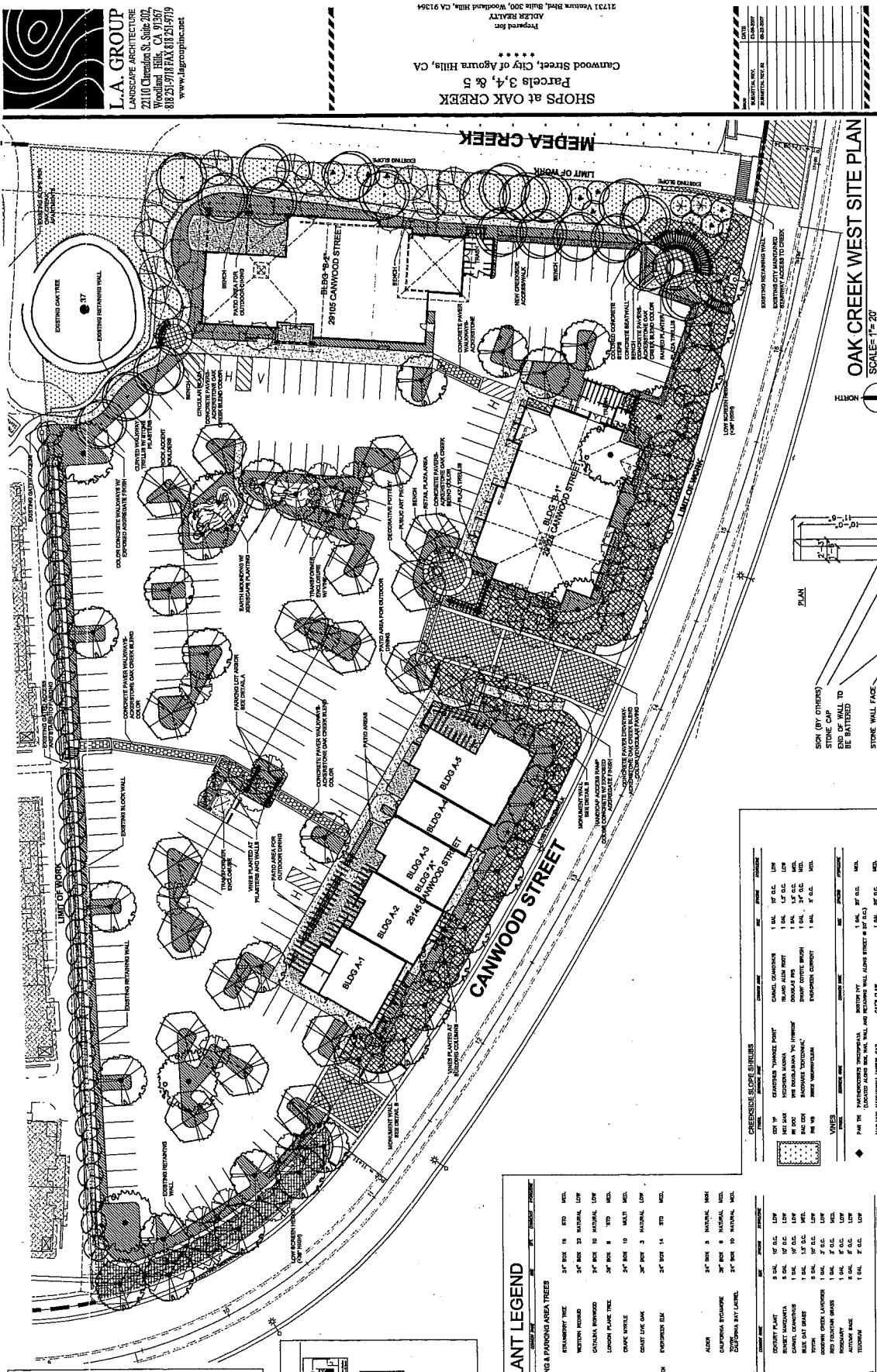
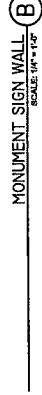
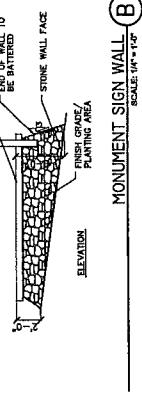
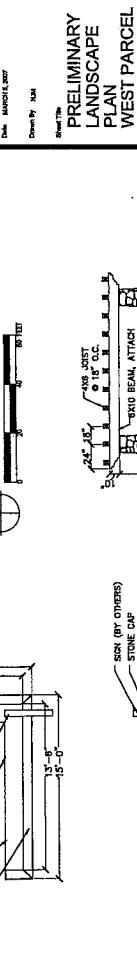
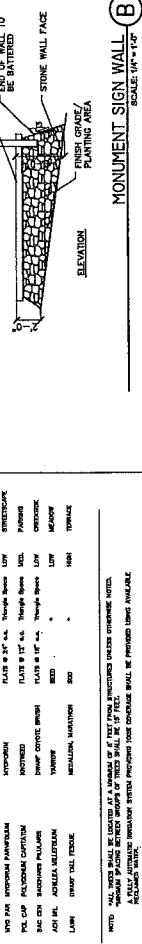
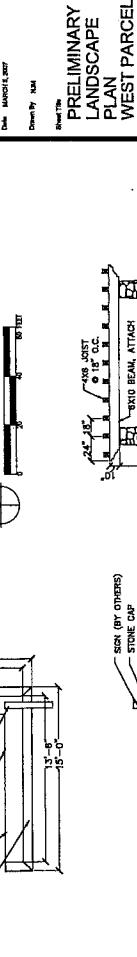
CANWOOD STREET SCENERY & SHRUBS	
NAME	TYPE
ALN. ALN.	ALNUS
ARV. ARV.	ARtemisia vulgaris
CHI. CHI.	CHILOPSIS
COL. COL.	COLONIA
CON. CON.	CONOCOMPHUS
COR. COR.	CORTADERIA
CRN. CRN.	CORYNOPSIS
DEW. DEW.	DEWSPEARSIA
FAT. FAT.	FATIGUEA
GUA. GUA.	GUAPOSIA
HAB. HAB.	HABENARIA
HEM. HEM.	HEMEROCALLIS
HYD. HYD.	HYDRANGEA
IND. IND.	INDIGOfera
LEU. LEU.	LEUCOSYNE
MON. MON.	MONARDIA
NAT. NAT.	NATURIA
PER. PER.	PERIANDRA
ROB. ROB.	ROBINIA
SPR. SPR.	SPRINGBEAN
THA. THA.	THALICTRUM
TRI. TRI.	TRICHOPHYLLA
ZIN. ZIN.	ZINNIA

PRELIMINARY PLANT LEGEND

CANYWOOD STREET SCENERY & SHRUBS	
NAME	TYPE
AM LAV.	AMERICAN LAVENDER
CHI. CHI.	CHILOPSIS
COL. COL.	COLONIA
CON. CON.	CONOCOMPHUS
COR. COR.	CORTADERIA
CRN. CRN.	CORYNOPSIS
DEW. DEW.	DEWSPEARSIA
FAT. FAT.	FATIGUEA
GUA. GUA.	GUAPOSIA
HAB. HAB.	HABENARIA
HEM. HEM.	HEMEROCALLIS
HYD. HYD.	HYDRANGEA
IND. IND.	INDIGOfera
LEU. LEU.	LEUCOSYNE
MON. MON.	MONARDIA
NAT. NAT.	NATURIA
PER. PER.	PERIANDRA
ROB. ROB.	ROBINIA
SPR. SPR.	SPRINGBEAN
THA. THA.	THALICTRUM
TRI. TRI.	TRICHOPHYLLA
ZIN. ZIN.	ZINNIA

CANWOOD STREET BUILDINGS/STRUCTURES

NAME	TYPE
AM. AM.	AMERICAN
ARC. ARC.	ARCHITECTURAL
CHI. CHI.	CHILOPSIS
COL. COL.	COLONIA
CON. CON.	CONOCOMPHUS
COR. COR.	CORTADERIA
CRN. CRN.	CORYNOPSIS
DEW. DEW.	DEWSPEARSIA
FAT. FAT.	FATIGUEA
GUA. GUA.	GUAPOSIA
HAB. HAB.	HABENARIA
HEM. HEM.	HEMEROCALLIS
HYD. HYD.	HYDRANGEA
IND. IND.	INDIGOfera
LEU. LEU.	LEUCOSYNE
MON. MON.	MONARDIA
NAT. NAT.	NATURIA
PER. PER.	PERIANDRA
ROB. ROB.	ROBINIA
SPR. SPR.	SPRINGBEAN
THA. THA.	THALICTRUM
TRI. TRI.	TRICHOPHYLLA
ZIN. ZIN.	ZINNIA

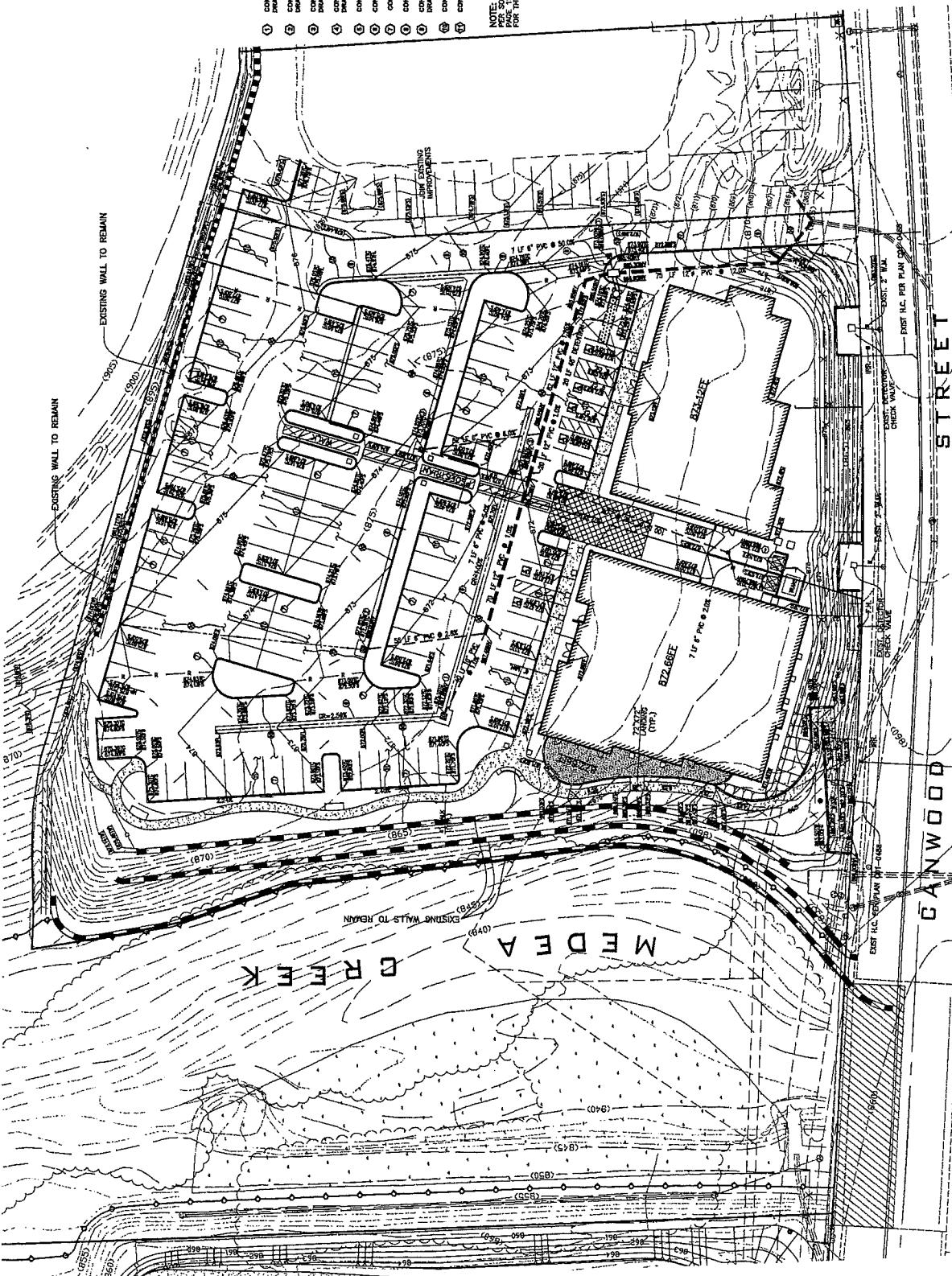


Scale 1" = 20'

CONSTRUCTION NOTES

- ① CONSTRUCT DOME 32" X 24" APC GRATE AND FRAME A-2412 OR EQUAL, WITH DRAINAGE INLET FILTER
- ② CONSTRUCT 24" X 24" APC GRATE AND FRAME A-2412 OR EQUAL, WITH DRAINAGE INLET FILTER
- ③ CONSTRUCT 24" X 24" APC GRATE AND FRAME A-2412 OR EQUAL, WITH DRAINAGE INLET FILTER
- ④ CONSTRUCT CONCRETE CURB RAMP PER APPA STD. 111-4 CASE II TYPE I
- ⑤ CONSTRUCT CONCRETE CURB RAMP PER APPA STD. 122-1, MCW (MIN)
- ⑥ CONSTRUCT P CONCRETE CURB PER APPA STD. 122-1 A-14046
- ⑦ CONSTRUCT CURB AND GUTTER PER APPA STD. 122-1 A-14046
- ⑧ CONSTRUCT CURB OPENING CATCH BASIN PER APPA STD. 200-2 W-5, WITH DRAINAGE FILTER
- ⑨ CONSTRUCT P.A.C. OTHER'S BASE - ALL DRIVES
- ⑩ CONSTRUCT P.A.C. OTHER'S BASE - ALL PARKING STALLS

NOTE:
PER SOILS REPORT FROM THE J. BYERS GROUP, DATED MAY 24, 2007,
FOR THE SITE OF THE PROPOSED BUILDINGS ON THIS SITE.
NO EXCAVATION



CONCEPTUAL GRADING PLAN FOR C.U.P. SUBMITTAL CANWOOD STREET - EAST SIDE OF MEDEA CREEK

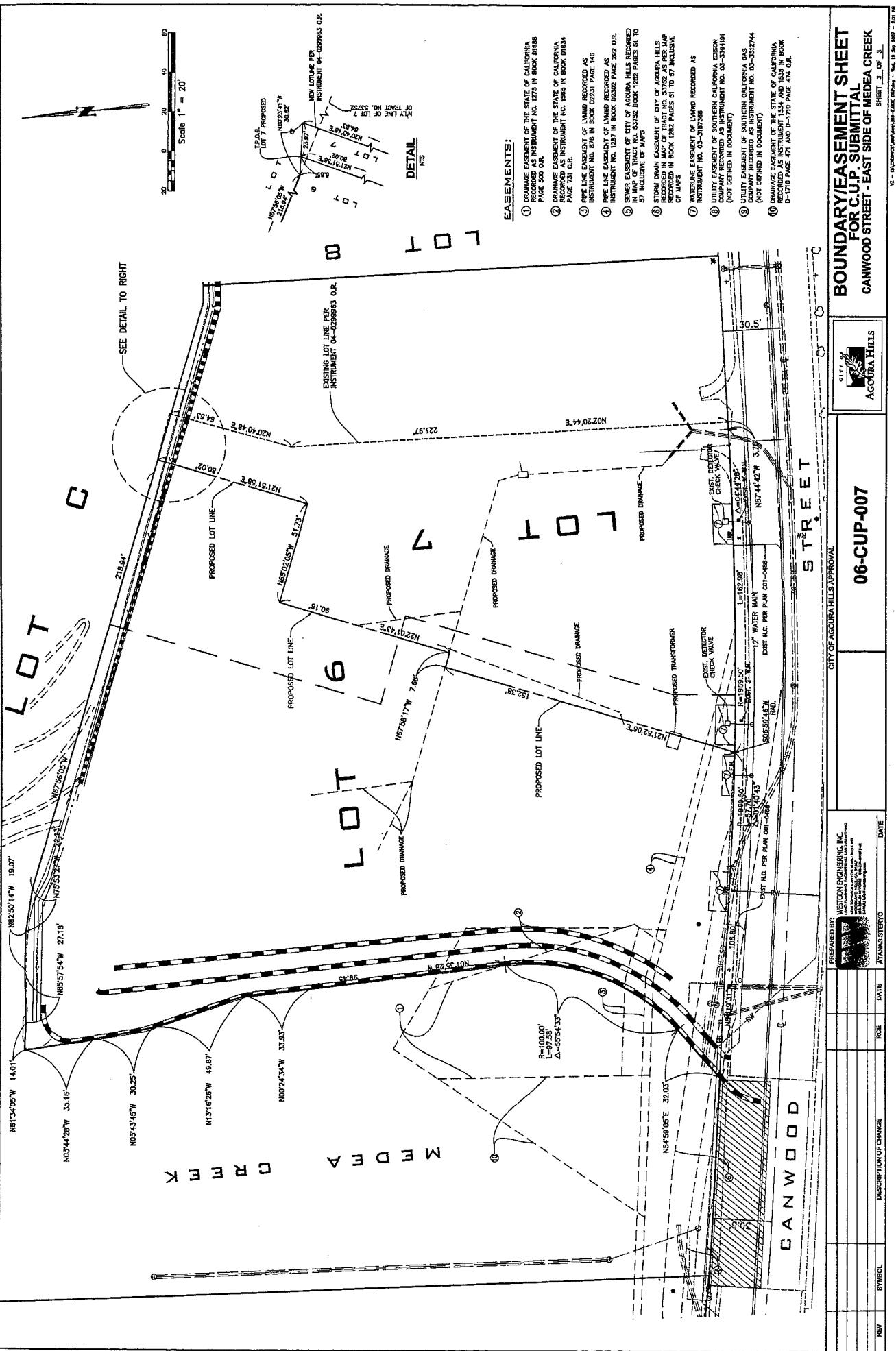
SHEET. 2. OF 3



STREET

CITY OF AGOURA HILLS APPROVAL

PREPARED BY:	
NAME	DATE
ATLANTA STUDIO	
REV.	SYMBOL
	DESCRIPTION OF CHANGE
	PCN.



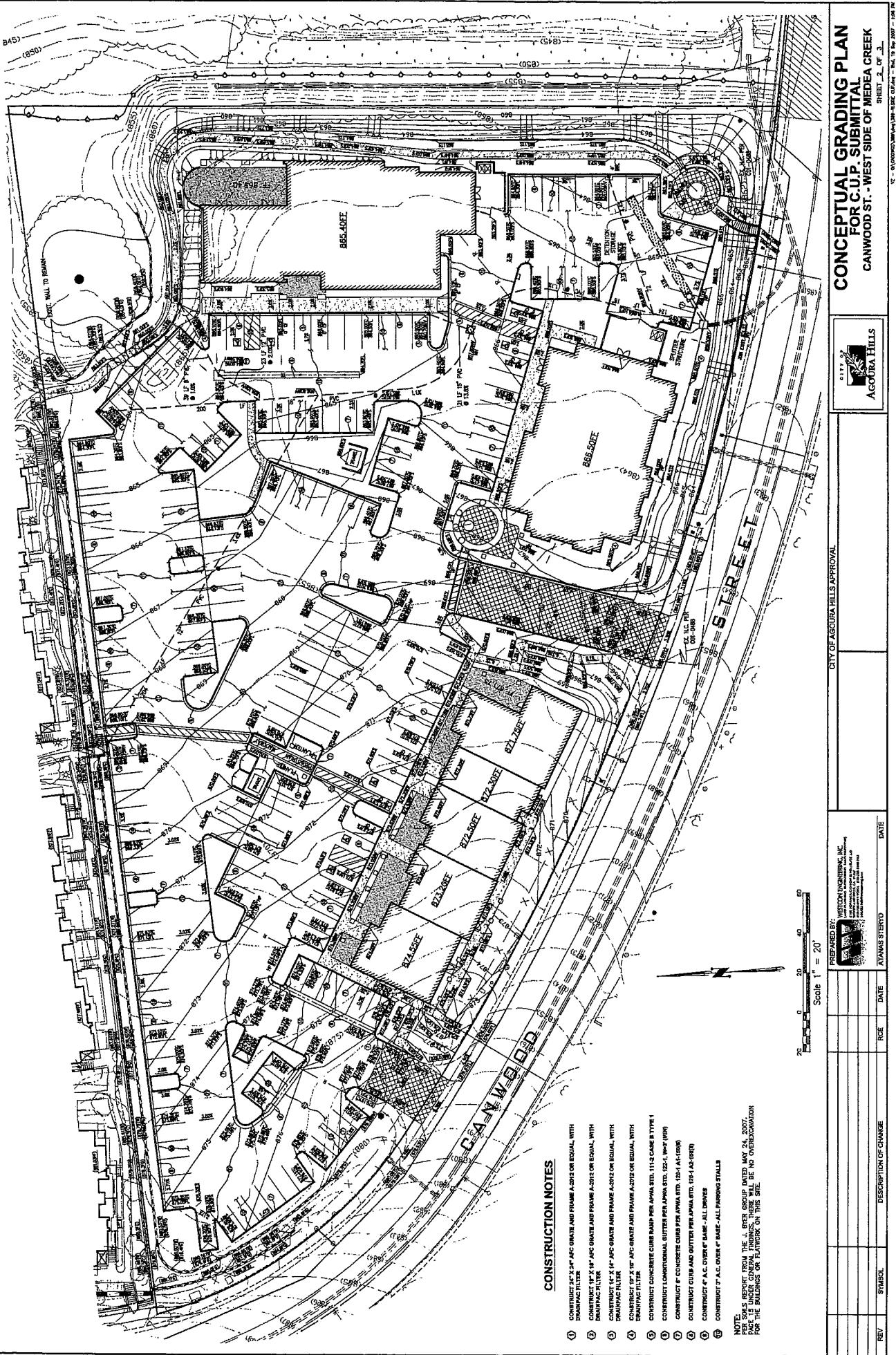
**BOUNDARY/EASEMENT SHEET
FOR CUP SUBMITTAL
CANWOOD STREET - EAST SIDE OF MEDEA CREEK**

SHET 1 OF 3



06-CUP-007

VZ - 10/20/2005 9:38 AM Page 1 of 3



CONSTRUCTION NOTES

- (1) CONSTRUCT 4" X 12" AFC GRADE AND FRAME #2012 OR EQUAL, WITH DRAINFAC FILTER
- (2) CONSTRUCT 16" X 12" AFC GRADE AND FRAME #2012 OR EQUAL, WITH DRAINFAC FILTER
- (3) CONSTRUCT 16" X 12" AFC GRADE AND FRAME #2012 OR EQUAL, WITH DRAINFAC FILTER
- (4) CONSTRUCT 16" X 12" AFC GRADE AND FRAME #2012 OR EQUAL, WITH DRAINFAC FILTER
- (5) CONSTRUCT CONCRETE CURB RAMP PER APA STD. 1115 CASE B TYPE 1
- (6) CONSTRUCT LOMONTONAL GUTTER PER APA STD. 22-24 WOF (WHD)
- (7) CONSTRUCT 4" CONCRETE CURB PER APA STD. 12-24 A-16(WH)
- (8) CONSTRUCT CURB AND GUTTER PER APA STD. 12-24 A-16(WH)
- (9) CONSTRUCT 4" A.C. DIVER & NAME ALL DIVERS
- (10) CONSTRUCT 7" A.C. DIVER & DARE - ALL PAVING STAB

NOTE:
NEW SOILS REPORT FROM THE J. LITER GROUP DATED MAY 24, 2007,
PAGE 15 LINES GENERAL FINDINGS, HERE WILL BE NO OVERDICATION
FOR THE BUILDINGS OR PLATWORK ON THIS SITE.

CONCEPTUAL GRADING PLAN FOR C.U.P. SUBMITTAL CANWOOD ST. - WEST SIDE OF MEDEA CREEK

SHEET 2 OF 3
12-04-2007 - 10:49 AM PST



CITY OF AGOURA HILLS APPROVAL

PREPARED BY:	
WESTON ENGINEERING, INC.	DATE
10000 WESTON DR. SUITE 100 IRVINE, CA 92618 (714) 255-1000 (714) 255-1010 FAX	ATTACHED STEREO
REV.	DATE
SYMBOL	DESCRIPTION OF CHANGE

Scale 1" = 20'

20 40 60

Scale 1" = 30'

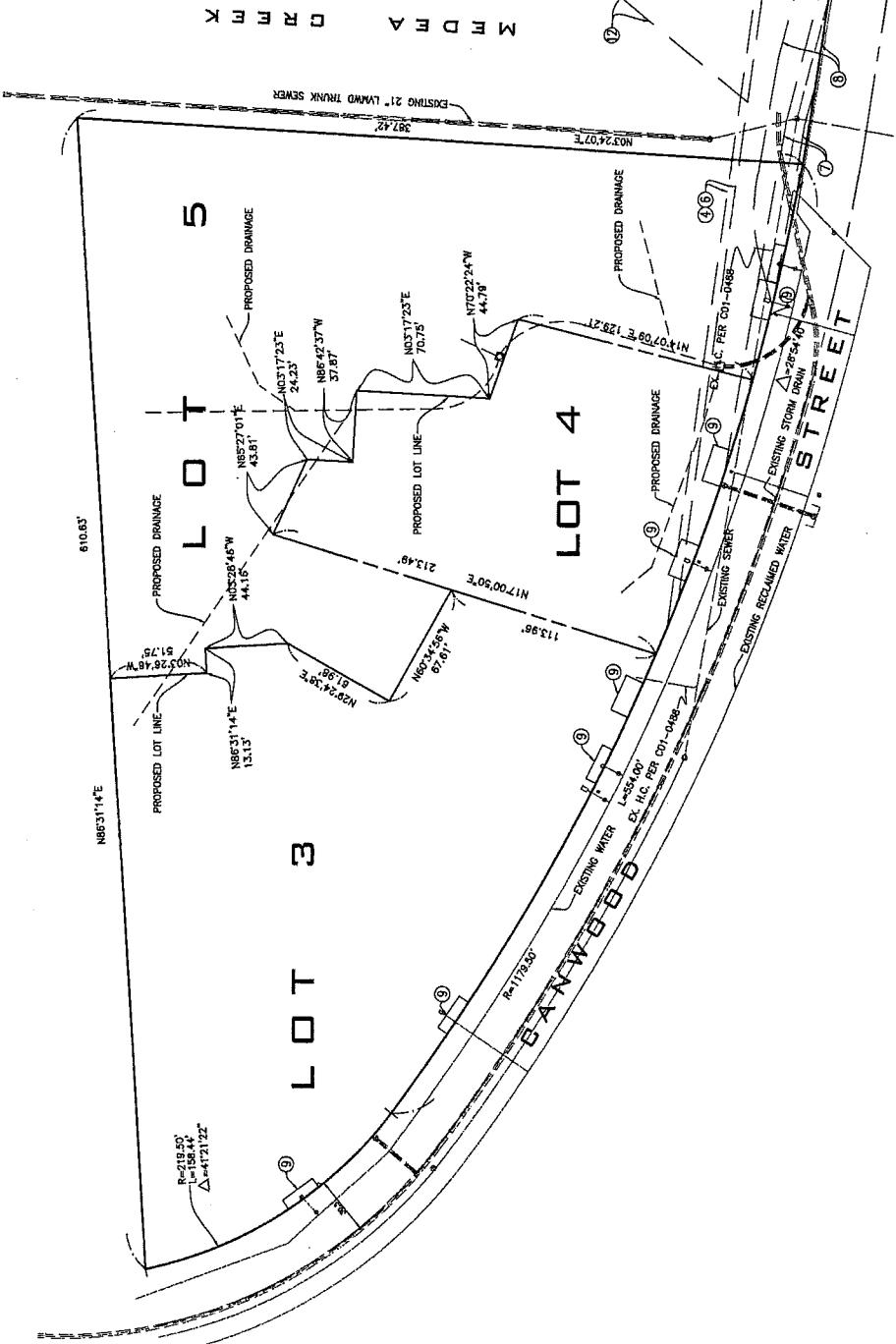
EASEMENTS:

- ① DRAINAGE EASEMENT OF THE STATE OF CALIFORNIA
RECORDED AS INSTRUMENT NO. 1275 IN BOOK DIRBS
PAGE 580 Q.R.
- ② DRAINAGE EASEMENT OF THE STATE OF CALIFORNIA
RECORDED AS INSTRUMENT NO. 1585 IN BOOK DIRCA
PAGE 241 Q.R.
- ③ PIPE LINE EASEMENT OF LAND RECORDED AS
INSTRUMENT NO. 879 IN BOOK 02231 PAGE 146
- ④ UTILITY EASEMENT OF LAND RECORDED AS
INSTRUMENT NO. 562 IN BOOK 02234 PAGE 488 Q.R.
- ⑤ PIPE LINE EASEMENT OF LAND RECORDED AS
INSTRUMENT NO. 1287 IN BOOK 02302 PAGE 242 Q.R.
- ⑥ PIPE LINE EASEMENT OF LAND RECORDED AS
INSTRUMENT NO. 1248 IN BOOK 02302 PAGE 246 Q.R.
- ⑦ SEWER EASEMENT OF CITY OF AGOURA HILLS RECORDED
IN MAP OF TRACT NO. 5375 BOOK 2328 PAGES 51 TO
57 INCLOSIVE OF MAPS
- ⑧ STORM DRAIN EASEMENT OF CITY OF AGOURA HILLS
RECORDED IN MAP OF TRACT NO. 5372 AS PER JMAP
IN BOOK 1222 PAGES 51 TO 57 INCLOSIVE
OF MAPS
- ⑨ WATERLINE EASEMENT OF LAND RECORDED AS
INSTRUMENT NO. 02-5187346
- ⑩ UTILITY EASEMENT OF SOUTHERN CALIFORNIA EDISON
COMPANY RECORDED AS INSTRUMENT NO. 02-339191
(NOT DEP'ED IN DOCUMENT)
- ⑪ UTILITY EASEMENT OF SOUTHERN CALIFORNIA GAS
COMPANY RECORDED AS INSTRUMENT NO. 02-3512744
(NOT DEP'ED IN DOCUMENT)
- ⑫ DRAINAGE EASEMENT OF THE STATE OF CALIFORNIA
RECORDED AS INSTRUMENT 1354 AND 1355 IN BOOK
D-1710 PAGE 47 AND D-1710 PAGE 474 Q.R.

30' 60' 90'
0 30 60 90'

RECORDED ON SHEET NO. 06-CUP-007 Rev. 10 Sept 2007 AGOURA HILLS

SHEET 3 OF 3



**BOUNDARY/EASEMENT SHEET
FOR C.U.P. SUBMITTAL
CANWOOD ST. - WEST SIDE OF MEDEA CREEK**



06-CUP-007

CITY OF AGOURA HILLS APPROVAL

PREPARED BY		06-CUP-007	
REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.
			DATE
			ATMANI STERO

RECORDED ON SHEET NO. 06-CUP-007 Rev. 10 Sept 2007 AGOURA HILLS

SHEET 3 OF 3