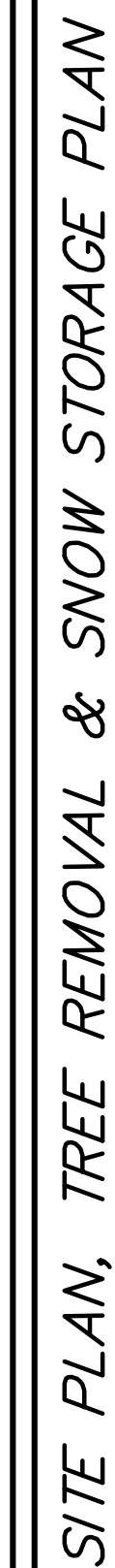
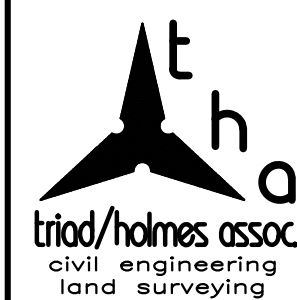


Attachment #2



MOUNTAINSIDE

PREPARED FOR JOHN HOOPER



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fax (760) 934-5619
e-mail triad@theinc.com

873 north main st. suite 150
BISHOP, ca 93514
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fax (760) 873-8024
e-mail bishop@thainc.com

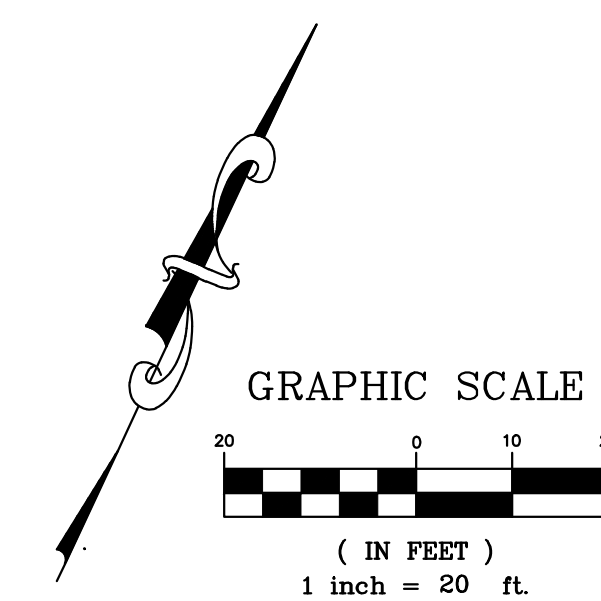
777 woodside rd. suite a
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fax (650) 366-0298
e-mail info@theinc.com

555 chorro st. suite a
SAN LUIS OBISPO, ca 93405
phone (805) 544-8908
fax (805) 544-8932
e-mail slo@thaiinc.com

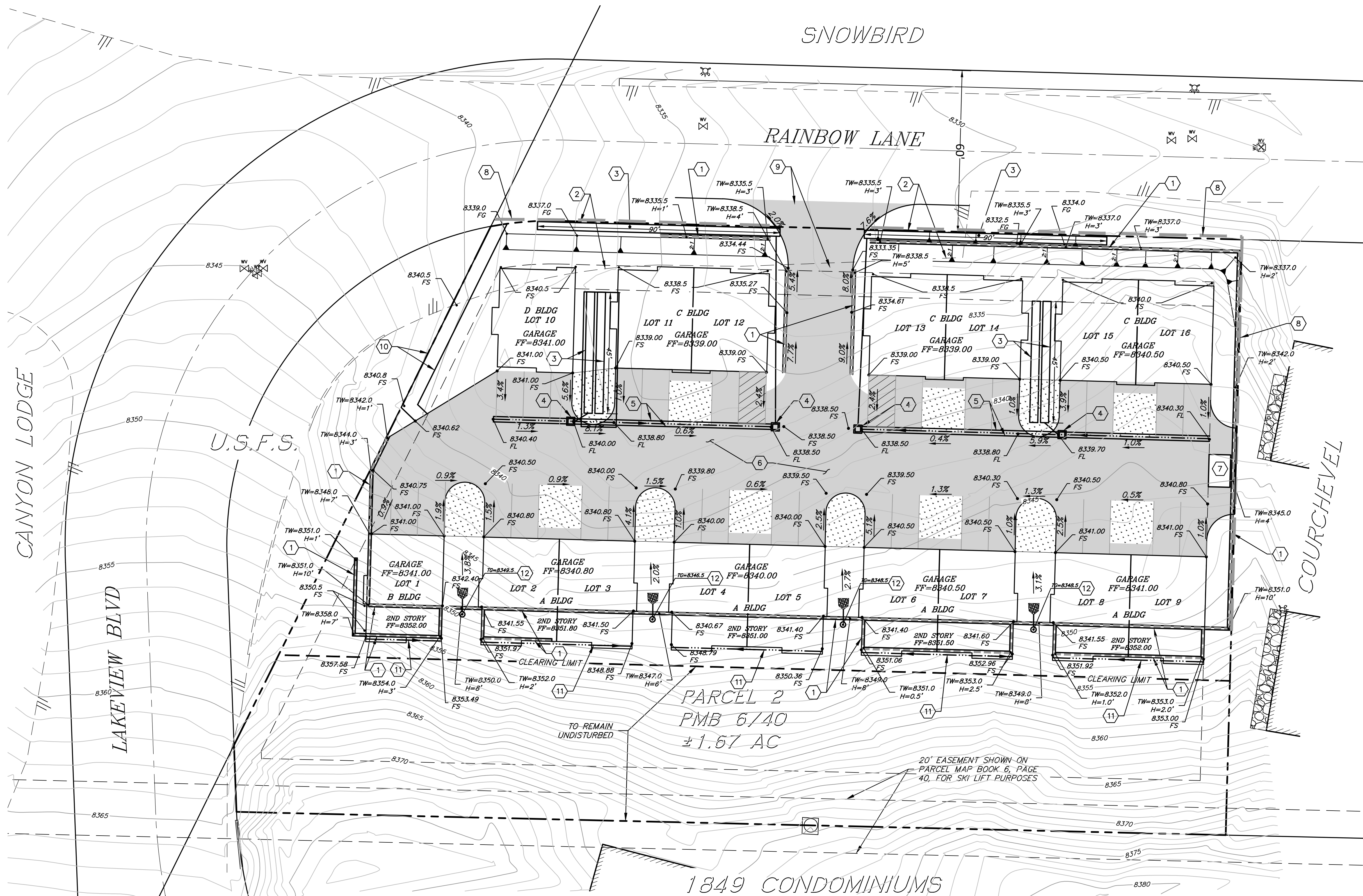
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REVISIONS		BY
DATE	<i>4/1/15</i>	
SCALE	<i>1"=20'</i>	
DRAWN	<i>MS</i>	
JOB NO.	<i>1245.3</i>	
DWG	<i>1245.3-TTM.dwg</i>	
SHEET	<i>2</i>	
OF	<i>4</i>	SHEETS

COVERAGE = 48%



user:machado <CC32_Imperial>> K: [01 Mammoth 1245.3 MountainSide ACAD] 1245.3-TTM.dwg Apr 01, 2015, 11:45am



CONSTRUCTION NOTES

- 1 CONSTRUCT BUILDING/SITE RETAINING WALL. DESIGN PER STRUCTURAL ENGINEER. GRAVITY STACK WHERE H<3.5'. USE SPLIT-FACE BLOCK WHERE VISIBLE FROM STREET.
- 2 REMOVE (E) ASPHALT PAVEMENT. INSTALL LANDSCAPING
- 3 INSTALL UNDERGROUND RETENTION SYSTEM. 3' DIAMETER PERFORATED HDPE PIPE CAPPED ON BOTH ENDS. LENGTH PER PLAN. BEDDING AND BACKFILL CRUSHED DRAIN ROCK.
- 4 INSTALL 24"X24" PRECAST DROP INLET WITH KRISTAR FLOUGUARD OR EQUAL CATCH BASIN INSERT FILTER.
- 5 INSTALL CONCRETE RIBBON GUTTER.
- 6 INSTALL ASPHALT PAVING. STRUCTURAL SECTION PER GEOTECHNICAL REPORT.
- 7 CONSTRUCT TRASH/RECYCLING ENCLOSURE
- 8 INSTALL EROSION CONTROL, FILTER FENCE OR FIBER ROLL.
- 9 INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- 10 INSTALL PEDESTRIAN ACCESS PATH.
- 11 CONSTRUCT GRADED EARTH SWALE.
- 12 INSTALL AREA DRAIN WITH DOMED GRATE. OUTLET AT BASE OF WALL. CONSTRUCT COBBLE DISSIPATOR AT OUTLET.

PHASING NOTE

ALL CIVIL IMPROVEMENTS SHALL BE COMPLETED WITH PHASE 1 (LOTS 1-9) WITH THE EXCEPTION OF RETENTION SYSTEMS ON RAINBOW LANE AND ASPHALT PAVEMENT PARKING SPACES IN FRONT OF LOTS 10-16. BUILDING PADS WILL BE GRADED IN PHASE 1 FOR THE CONSTRUCTION OF UNITS ON LOTS 10-16 IN PHASE 2. CONSTRUCTION PARKING AND MATERIALS WILL BE STORED ON LOTS 10-16 DURING THE CONSTRUCTION OF LOTS 1-9.

LEGEND

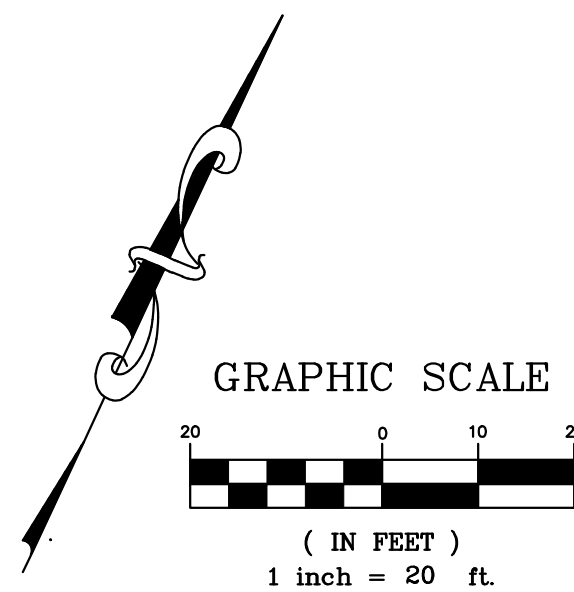
- EXISTING PROPERTY LINE
- CENTERLINE
- EXISTING CONTOURS
- FINISHED SURFACE GRADE
- GRADE RATE
- CUT SLOPE 2:1 MAX.
- FILL SLOPE 2:1 MAX.
- FIRE HYDRANT
- DROP INLET
- RETAINING WALL
- CONCRETE GUTTER
- AC PAVING
- LANDSCAPED AREA
- FILTER FENCE

DRAINAGE RETENTION CALCULATIONS

DRAINAGE COLLECTORS, RETENTION AND INFILTRATION FACILITIES SHALL BE CONSTRUCTED AND MAINTAINED TO PREVENT TRANSPORT OF THE RUNOFF FROM A 20-YEAR, 1-HOUR STORM FROM THE PROPOSED PROJECT SITE.

THE AMOUNT OF RETENTION REQUIRED FOR AN AVERAGE RUNOFF COEFFICIENT OF 0.90 AND A 20-YR 1-HR STORM INTENSITY OF 1 INCH/HR IS:
35,000 SF IMPERVIOUS AREA X 0.90 X 0.08 FT = 2520 CUBIC FEET
SPLIT THE VOLUME BETWEEN FOUR RETENTION STRUCTURES = 630 OF EACH
ASSUME A STORAGE PIPE OF 3' DIAMETER: $V = \pi R^2 L$
LENGTH REQUIRED = $630 / (3.14 * 1.5^2 * 1.5) = 90$ FEET EACH

REQUIRED VOLUME STORAGE --> 4 X 83' PIPES, EACH 90' LONG



PRELIMINARY GRADING AND DRAINAGE PLAN

MOUNTAINSIDE

PREPARED FOR JOHN HOOPER



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OF	4 SHEETS

