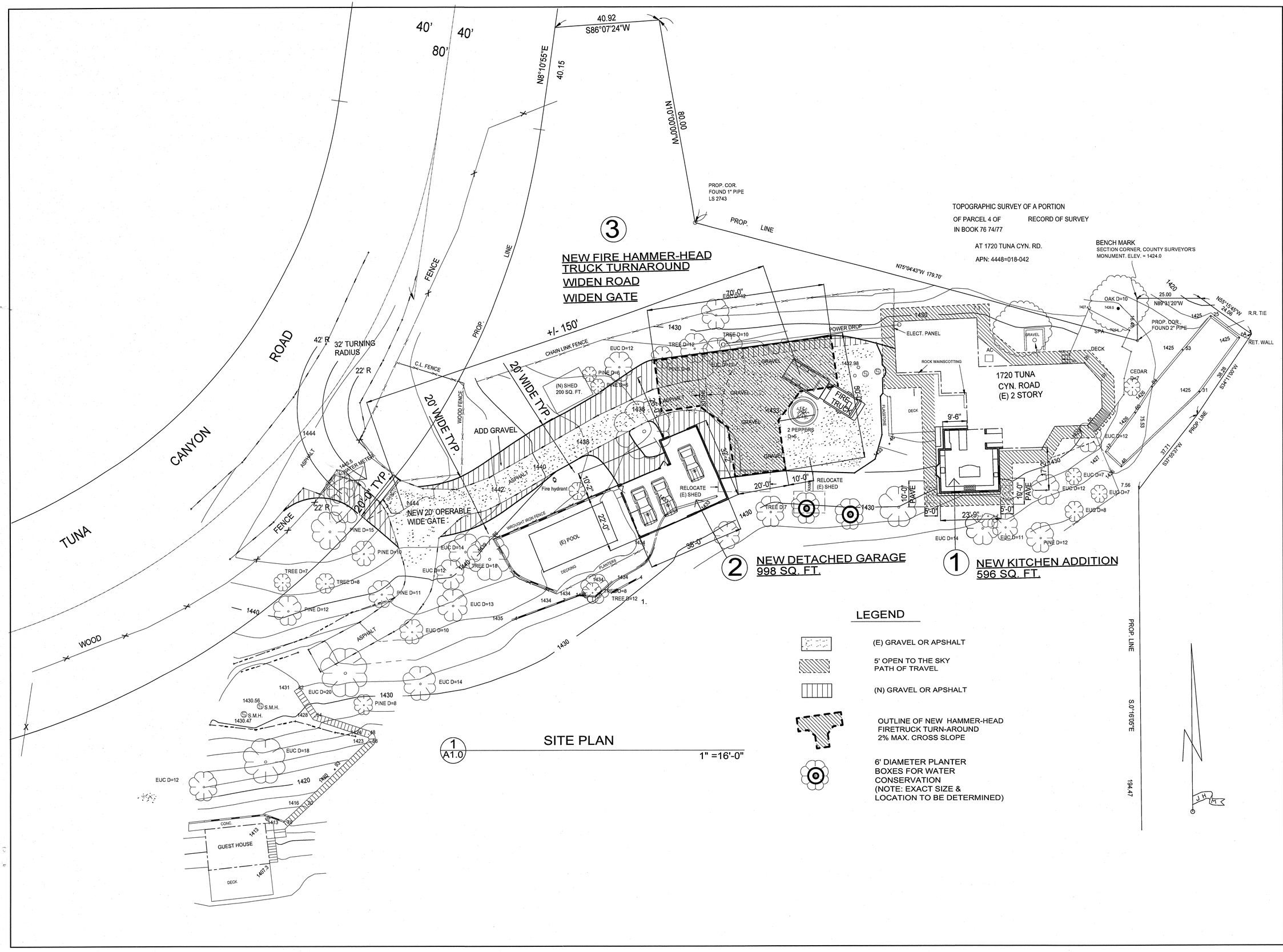

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmen Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	• 05/26/2015
Scale	• 1" = 16'-0"
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Revisions	•
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LICENSED ARCHITECT
EXP. 7/2015
No. 18412
RONALD CHANG
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Sheet Name

SITE PLAN

Job Number

8386.0

Sheet No. 1 of 8

A1.0

HYDROLOGY CALCULATIONS

IMPERVIOUS ROOF AREA CONTRIBUTING
TO STORM WATER PLANTERS
GARAGE ROOF AREA: 1412 SQ. FT.
KITCHEN ADDITION ROOF AREA: 600 SQ. FT.

TOTAL CATCHMENT AREA: 2000 SQ. FT.

6' DIAMETER PLANTER AREA EA.:
3.14X3'X3'= 28. SQ. FT.
3.14 X1.5'X1.5'= -7 SQ. FT. CORE
NET AREA EA. PLANTER = 21' SQ. FT.

ASSUMED SOIL IN-SITU MINIMUM INFILTRATION (DESIGN) = 0.3 in/hr
ASSUME SURFACE PONDING DEPTH d = 1.0 FT
CALCULATE THE TIME OR THE SELECTED PONDING DEPTH TO FILTER THROUGH THE PLANTING MEDIA

$$TP = \frac{d}{(fdesign/12)} - \frac{1.0}{(.03/12)} = 40 \text{ hr} < 48 \text{ hr}$$

DETERMINE REQUIRED STORM WATER PLANTER AREA:

$$A = \frac{Vb}{d}$$

A= BOTTOM SURFACE AREA OF BIO-FILTRATION AREA (ft x ft)

Vb= BIFILTRATION DESIGN VOLUME (FT) = 200 gal. = 26.74CF
SURFACE PONDING DEPTH d = 1.0 FT

$$A = \frac{26.74 \text{ cf}}{1.0 \text{ ft}} = 26.74 \text{ sf.}$$

ASSUME TWO STORM WATER PLANTERS = 21 SQ. FT X 2 = 42 SQ. FT.

42 SQ. FT. > 26.74 SQ. FT. OK

LEGEND

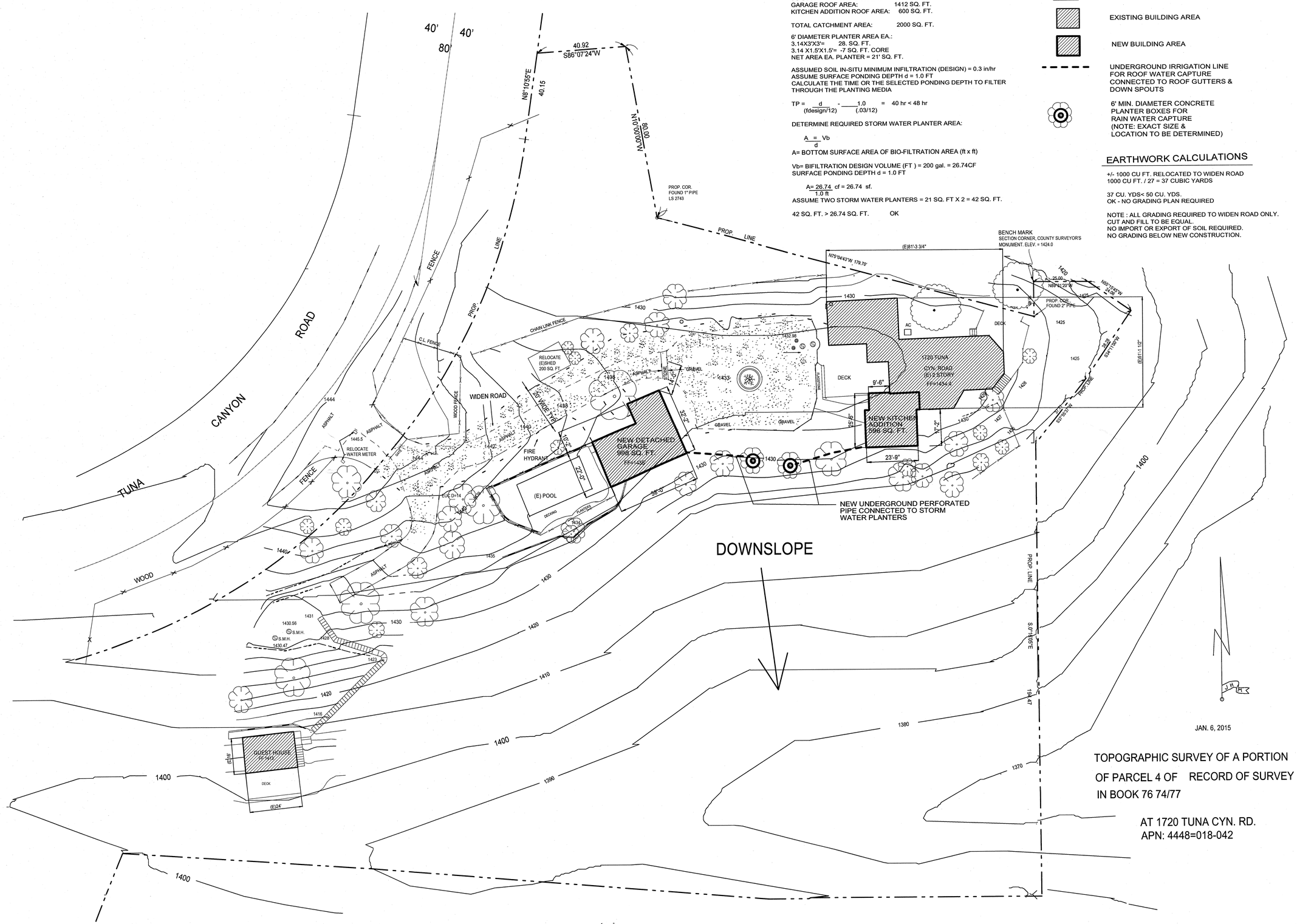
- GRAVEL OR APSHALT
- EXISTING BUILDING AREA
- NEW BUILDING AREA
- UNDERGROUND IRRIGATION LINE FOR ROOF WATER CAPTURE CONNECTED TO ROOF GUTTERS & DOWN SPOUTS
- 6' MIN. DIAMETER CONCRETE PLANTER BOXES FOR RAIN WATER CAPTURE (NOTE: EXACT SIZE & LOCATION TO BE DETERMINED)

EARTHWORK CALCULATIONS

+/- 1000 CU FT. RELOCATED TO WIDEN ROAD
1000 CU FT. / 27 = 37 CUBIC YARDS

37 CU. YDS< 50 CU. YDS.
OK - NO GRADING PLAN REQUIRED

NOTE : ALL GRADING REQUIRED TO WIDEN ROAD ONLY.
CUT AND FILL TO BE EQUAL.
NO IMPORT OR EXPORT OF SOIL REQUIRED.
NO GRADING BELOW NEW CONSTRUCTION.



TOPOGRAPHIC SURVEY OF A PORTION
OF PARCEL 4 OF RECORD OF SURVEY
IN BOOK 76 74/77

AT 1720 TUNA CYN. RD.
APN: 4448=018-042

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmine Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
Scale	1" = 20'-0"
Revisions	

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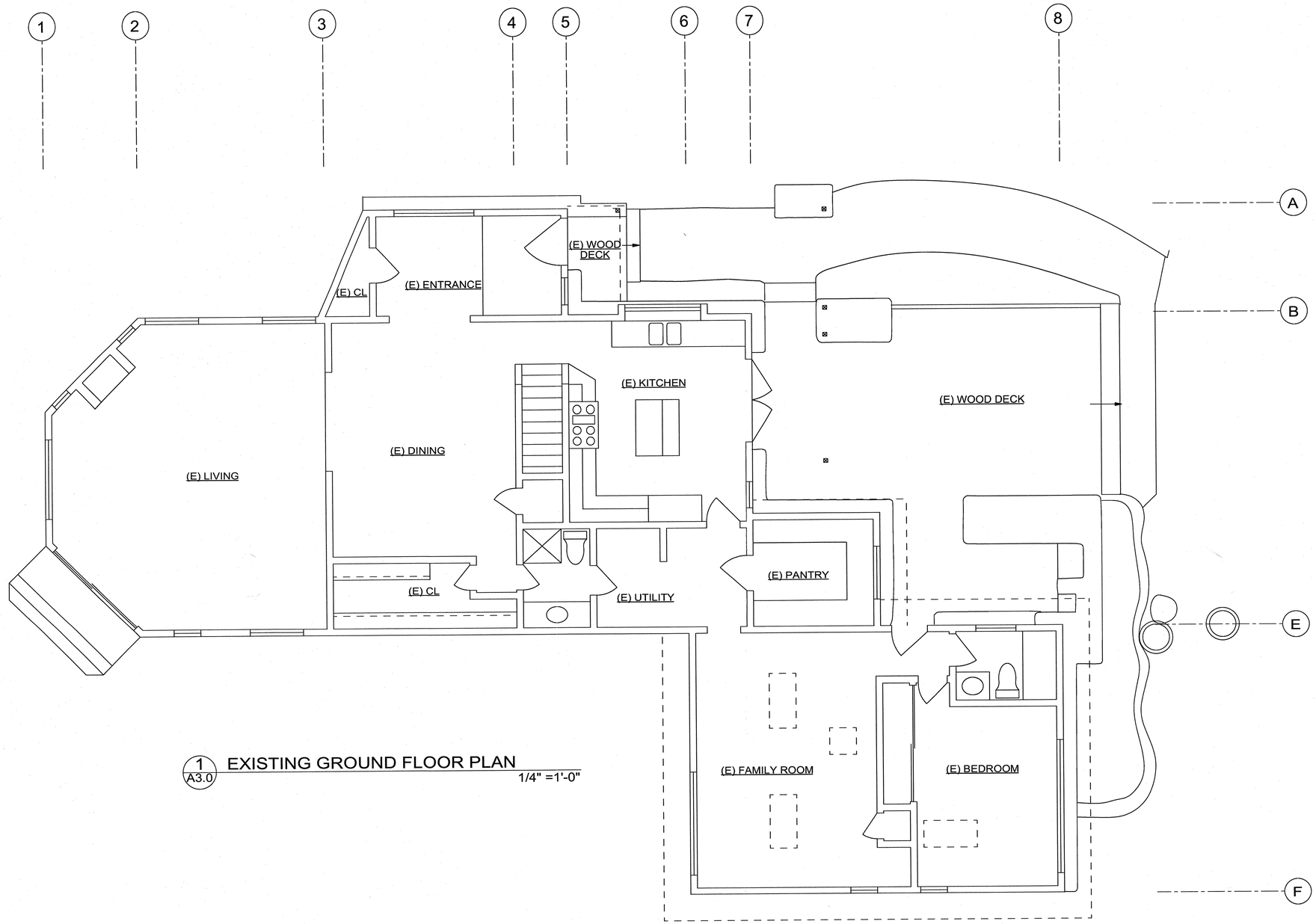
Sheet Name

DRAINAGE PLAN

Job Number
8386.0

Sheet No. 2 of

A2.0



1 A3.0 EXISTING GROUND FLOOR PLAN
1/4" =1'-0"

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmine Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
Scale	1" = 4'-0"
Revisions	

Consultants

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Sheet Name

EXISTING GROUND FLOOR PLAN

Job Number

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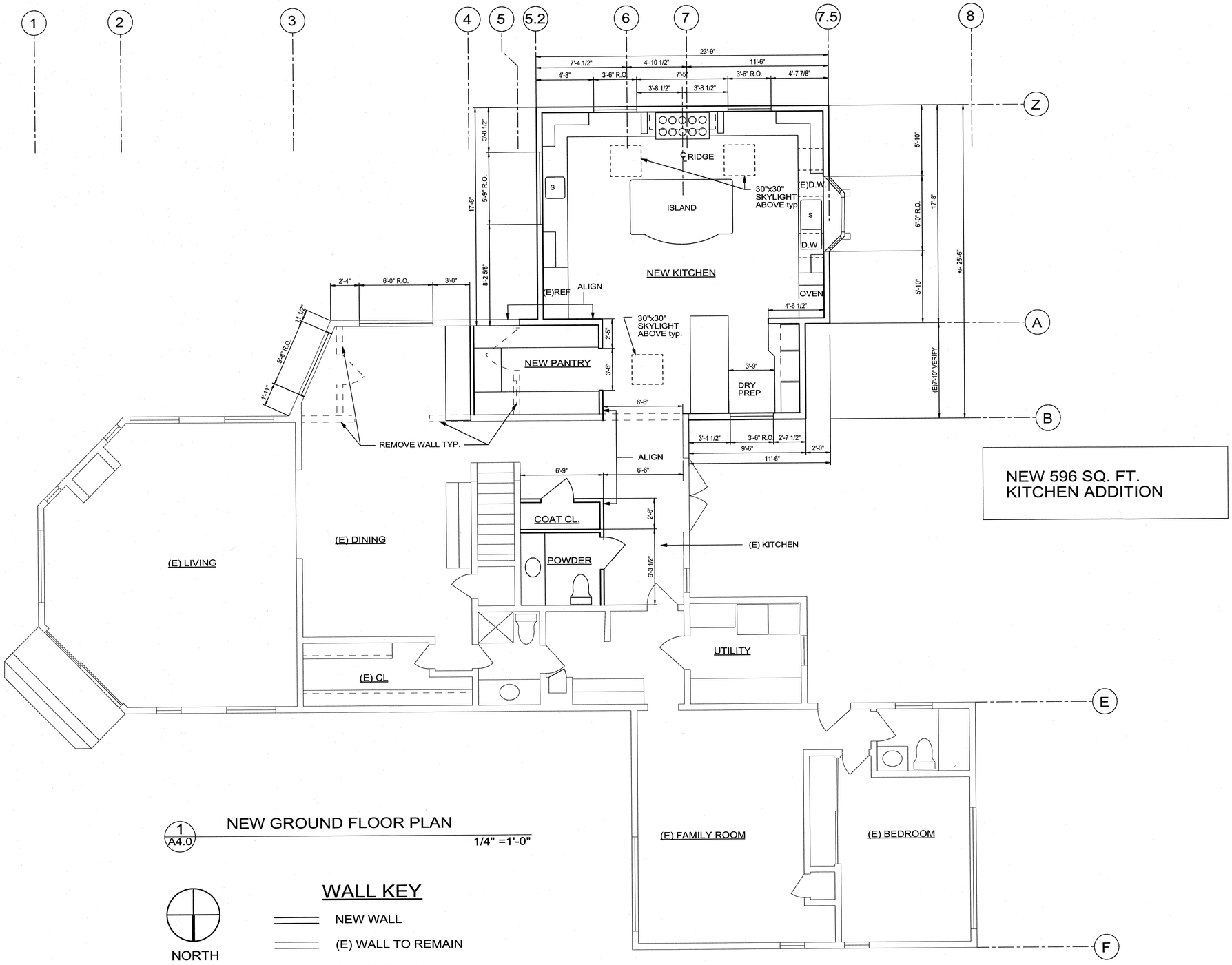
Sheet No. 3 of

A3.0



1 A4.0 NEW GROUND FLOOR PLAN

1/4" =1'-0"

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmine Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
Scale	1" = 4'-0"
Revisions	

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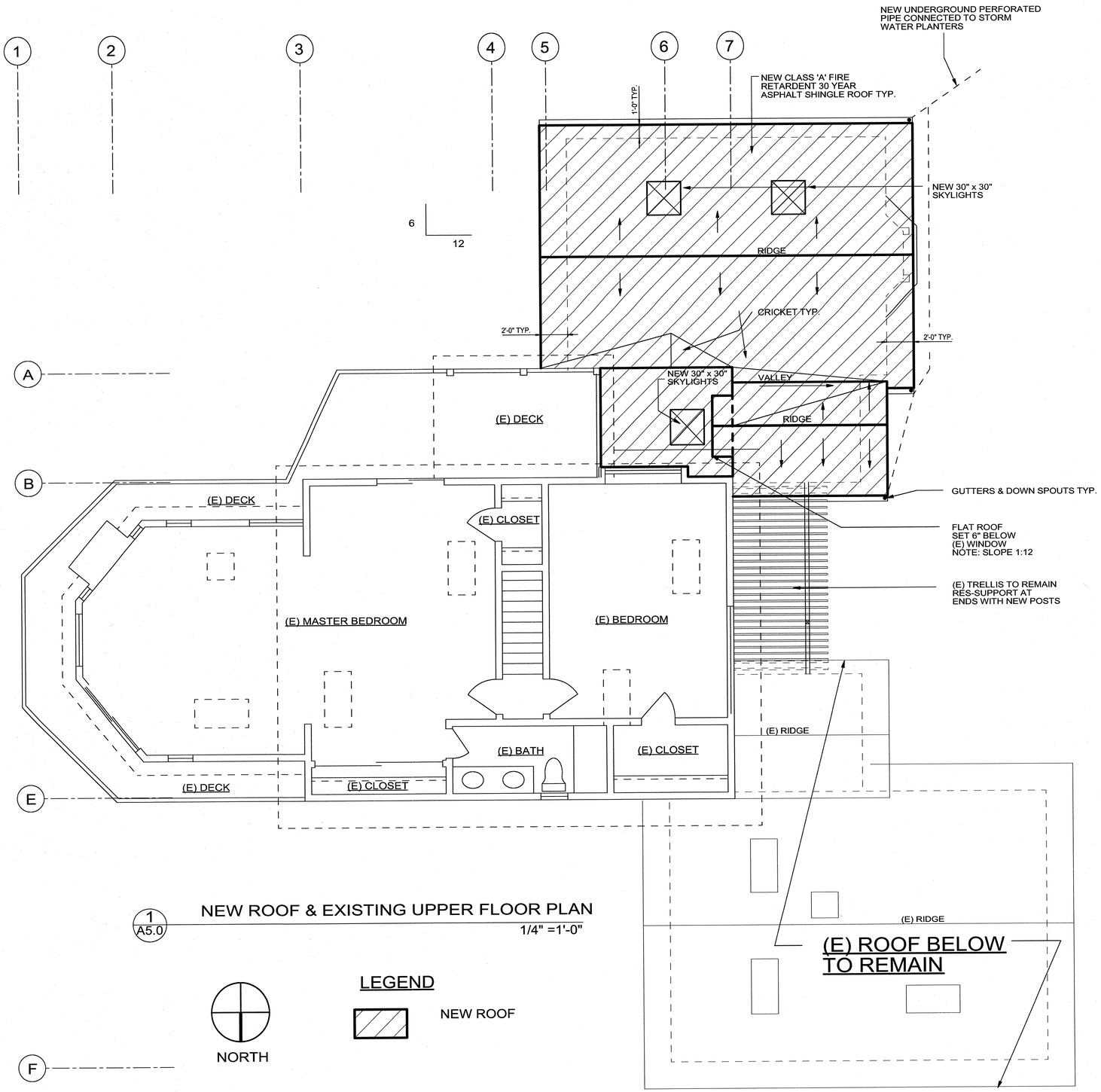
NEW GROUND FLOOR PLAN

Job Number

8386.0

Sheet No. 4 of

A4.0



1 A5.0 NEW ROOF & EXISTING UPPER FLOOR PLAN

1/4" =1'-0"

LEGEND

NEW ROOF

NORTH

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmine Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
Scale	1" = 4'-0"

Revisions

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Sheet Name

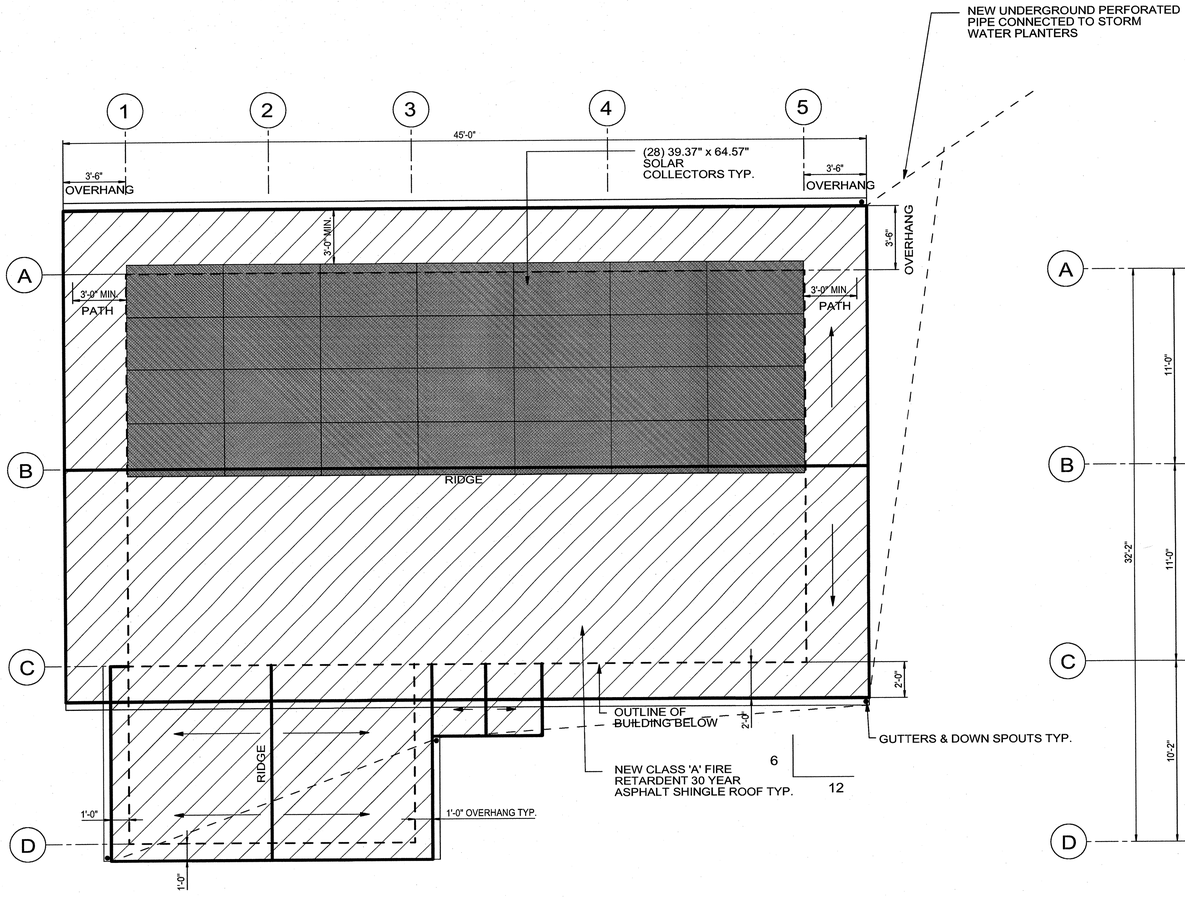
UPPER FLOOR PLAN & NEW ROOF PLAN

Job Number

8386.0

Sheet No. 5 of

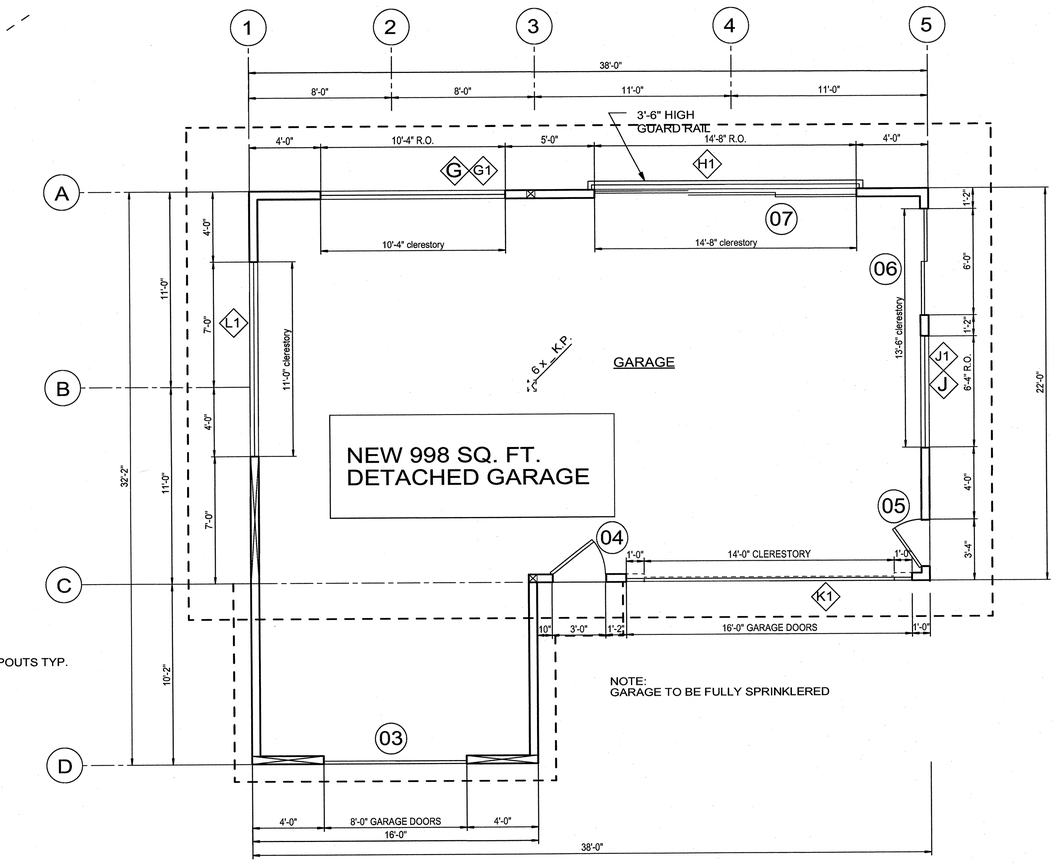
A5.0



1 A6.0 ROOF PLAN - DETACHED GARAGE

1/4" =1'-0"

NORTH



2 A6.0 FLOOR PLAN - DETACHED GARAGE

1/4" =1'-0"

NORTH

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmen Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
Scale	1" = 4'-0"

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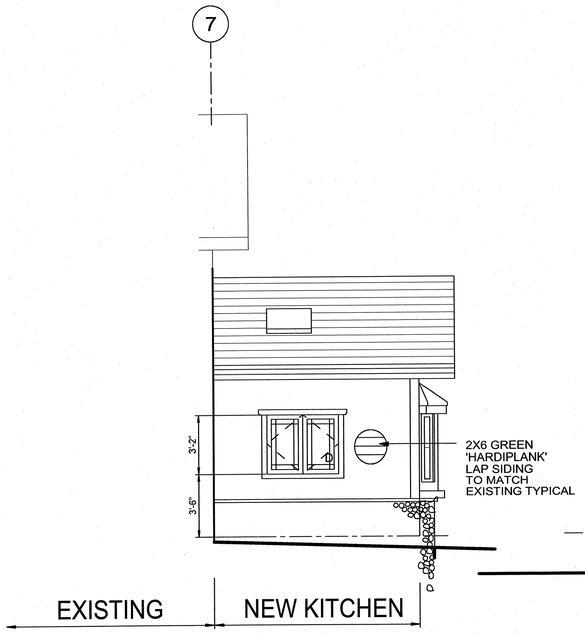
DETACHED GARAGE PLANS

Job Number

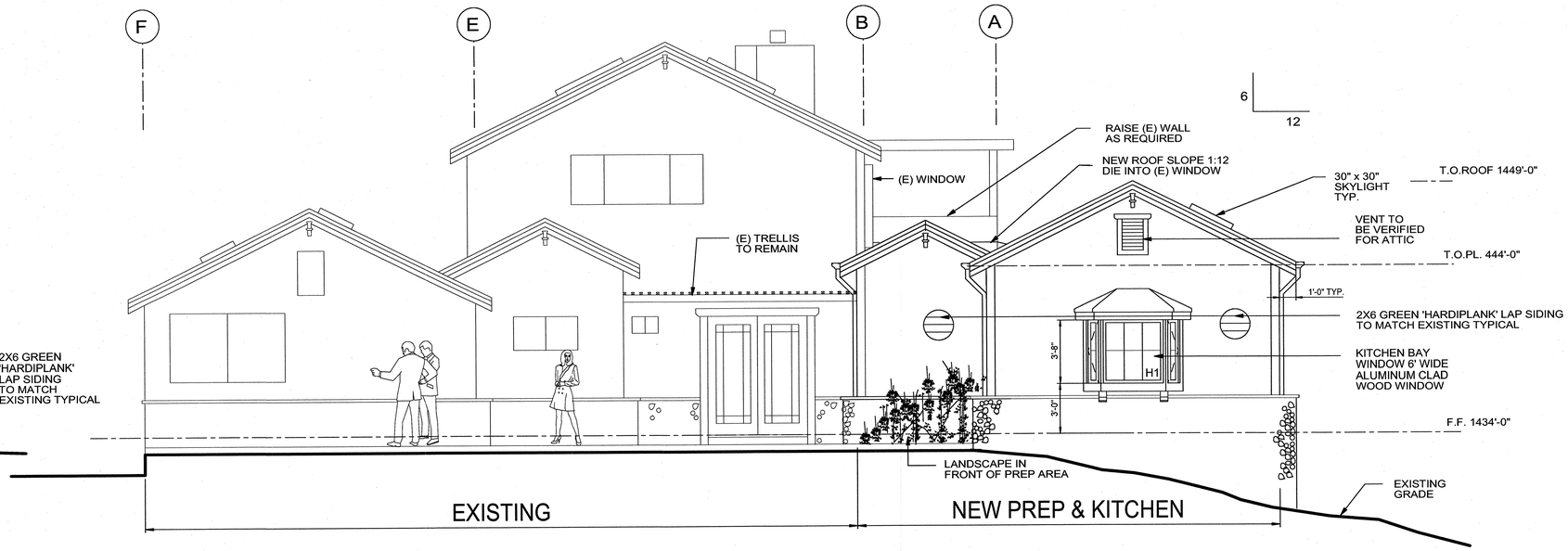
8386.0

Sheet No. 6 of

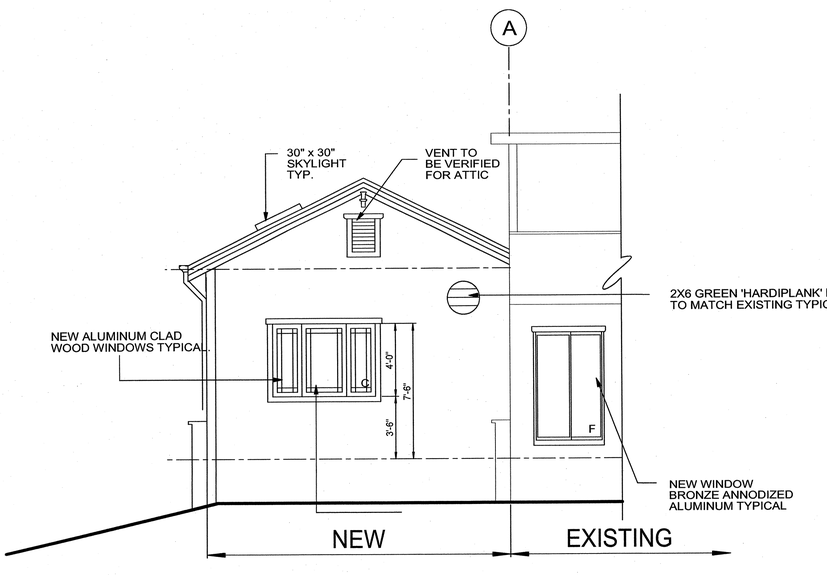
A6.0



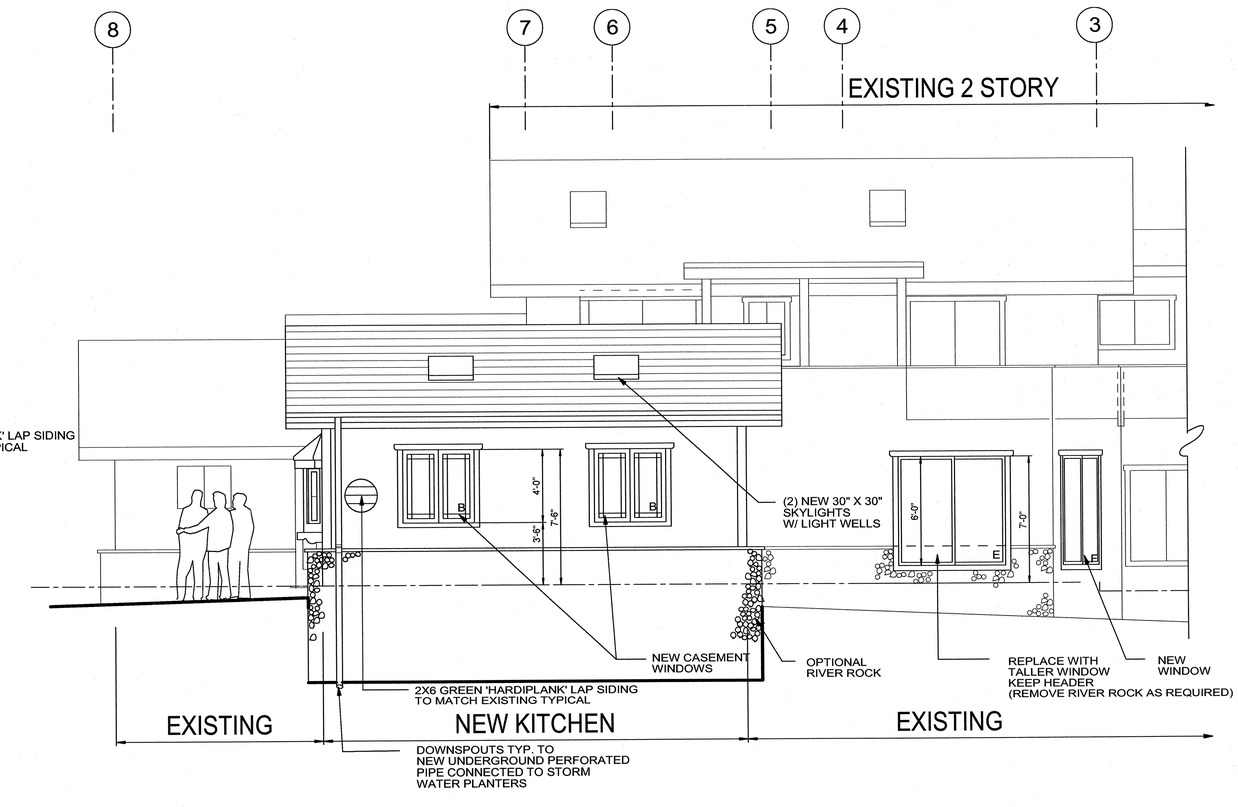
1 A7.0 SIDE ELEVATION (NORTH)
1/4" =1'-0"



2 A7.0 FRONT ELEVATION (WEST)
1/4" =1'-0"



3 A7.0 REAR ELEVATION (EAST)
1/4" =1'-0"



4 A7.0 SIDE ELEVATION (SOUTH)
1/4" =1'-0"

1720 Tuna Canyon Road

REMODEL/ADDITION

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Architect

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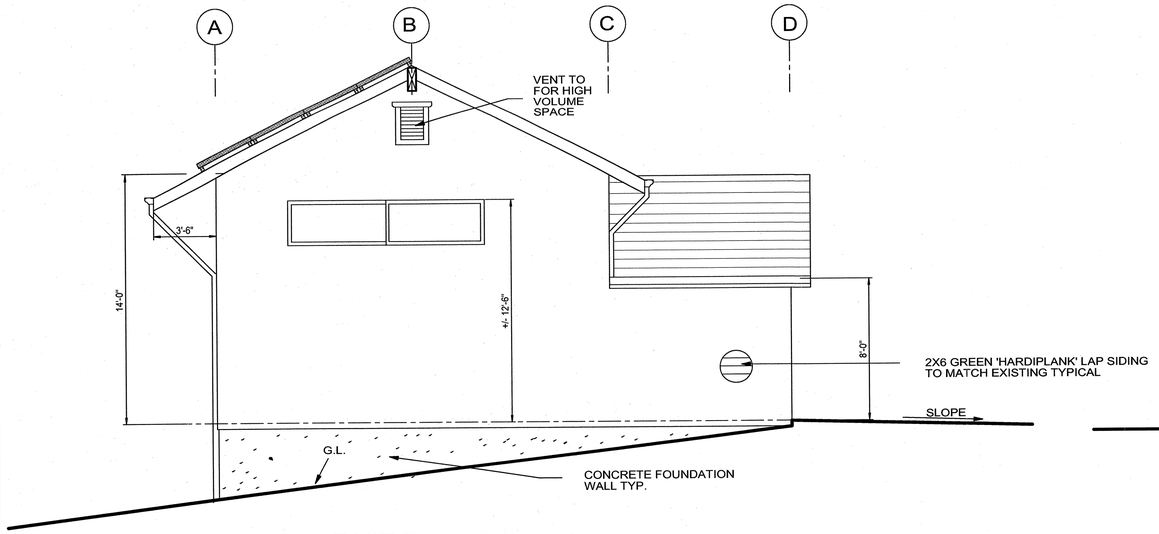
KITCHEN ELEVATIONS

Job Number

8386.0

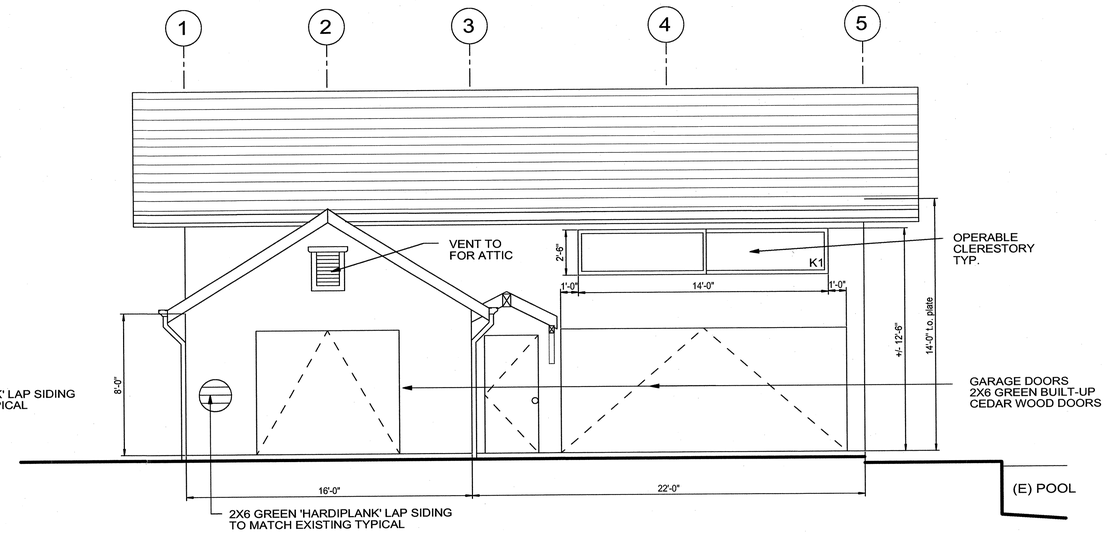
Sheet No. 7 of

A7.0



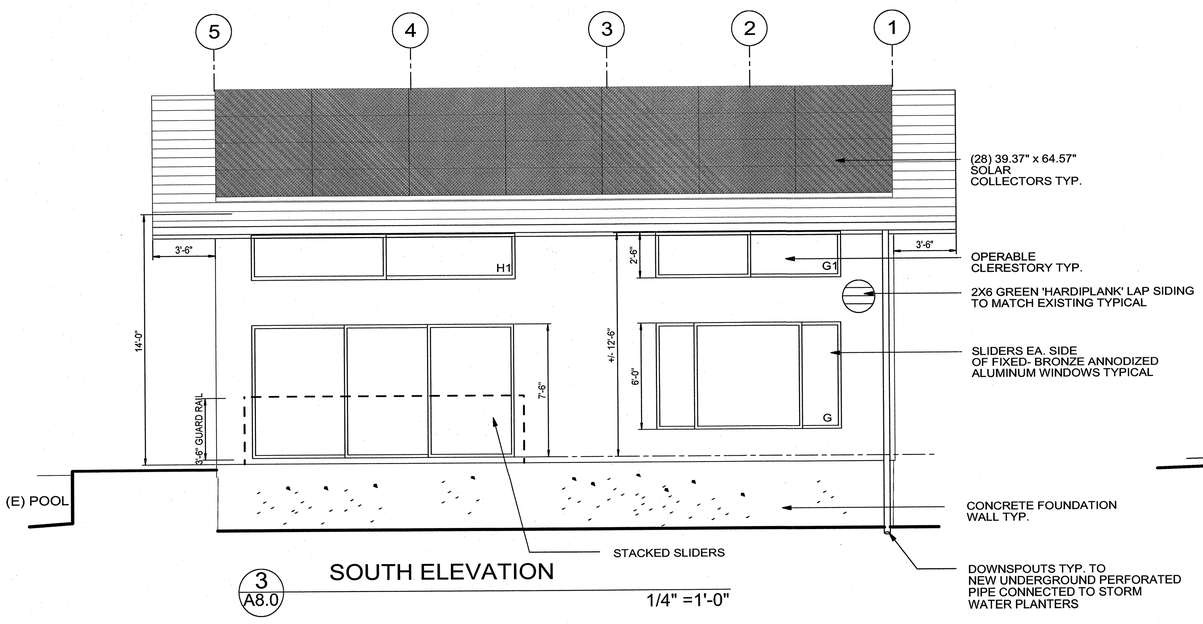
1 A8.0 EAST ELEVATION

1/4" =1'-0"



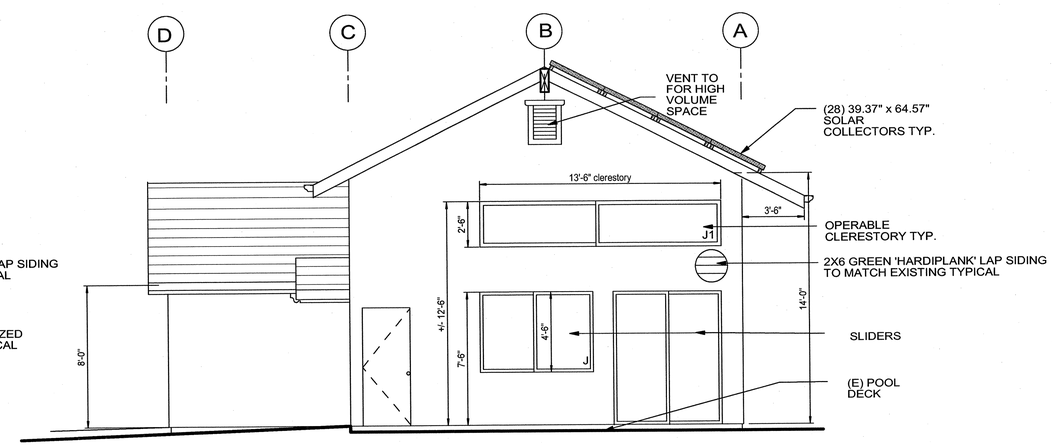
2 A8.0 NORTH ELEVATION

1/4" =1'-0"



3 A8.0 SOUTH ELEVATION

1/4" =1'-0"



4 A8.0 WEST ELEVATION

1/4" =1'-0"

1720 Tuna Canyon Road

REMODEL/ADDITION

CLIENT

Angelo & Carmen Papparella
1720 Tuna Canyon Road
Topanga Canyon, CA.

Date	05/26/2015
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Sheet Name

DETACHED GARAGE ELEVATIONS

Job Number

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Sheet No. 8 of 8

A8.0