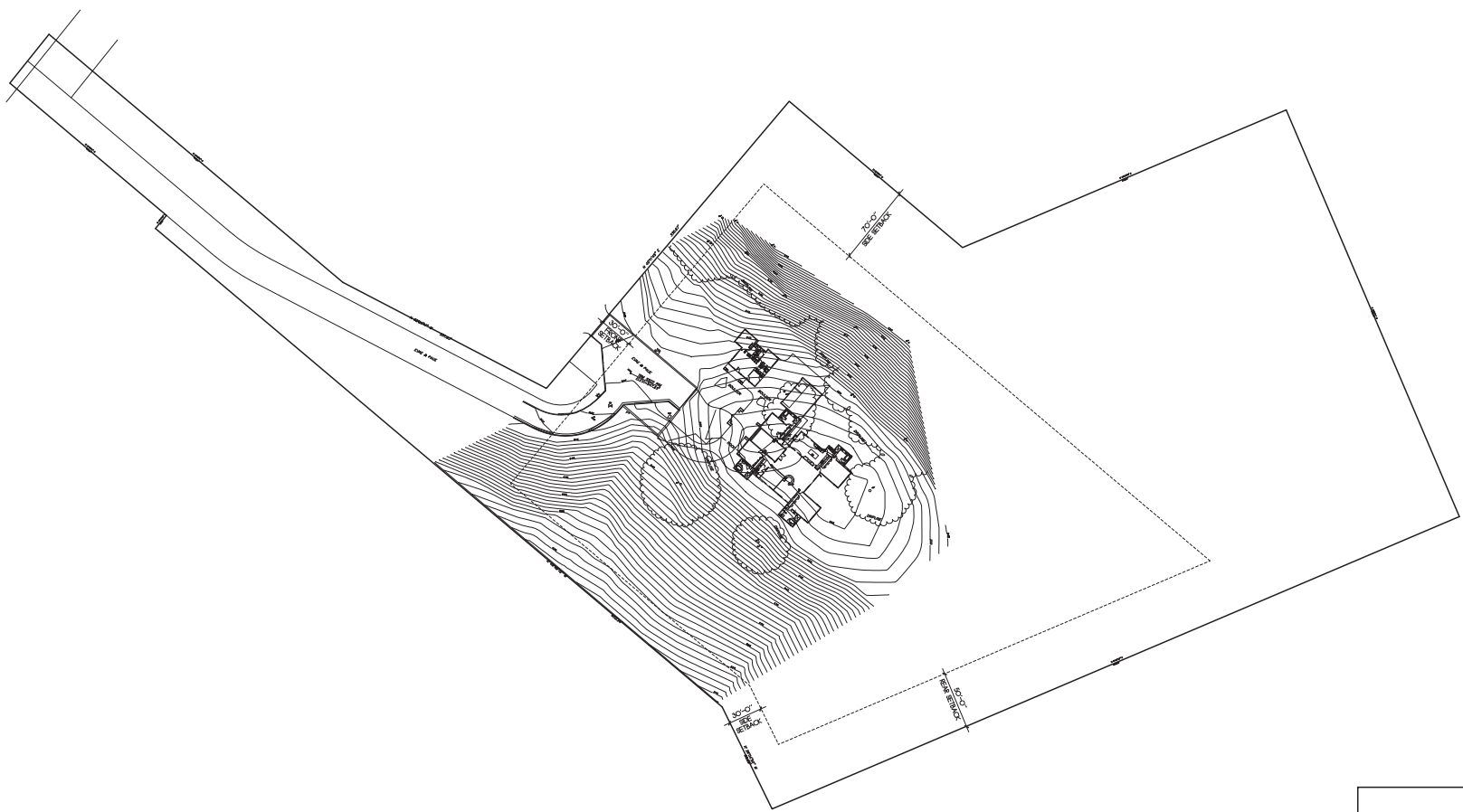


**Terry J. Townsend**  
 • Architect •  
 147 Old Bernal Ave., Suite 6  
 Pleasanton, CA 94566  
 Tel: 925-484-5438

**Kumar Residence**  
 Lot 12 Subdivision 6951  
 Pleasanton, California

Notes:  
 See sheet 1 for more detailed information.

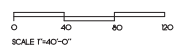


**P15-0741**  
**RECEIVED December 29, 2015**  
**EXHIBIT B**

Rev	Description	Date



Full Site Plan



Job Number: 201520 Sheet:   
 Scale: 1"=40'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 12-29-15 of 5

**Kumar Residence**

Lot 12 Subdivision 6951  
 Pleasanton, California

**Note:**

This site plan is not a survey. It is provided for building and site wide layout only. The contractor shall verify on site all grades, existing improvements, property lines, easements, setbacks, utilities, and structures. Where discrepancies occur, contact the Architect.

Finish grade shall provide positive drainage away from building.

All roof drainage taken through suitable discharge area.

Where discrepancies between site report and Architect's drawings occur, contact Architect immediately.

Provide expansion and control joints in all exterior concrete slabs. Spacing of joints shall be per industry standard.

Area drains shall be interconnected and discharged at street or suitable discharge facility.

Prior to construction, the contractor shall employ the soils engineer to test the relative soil density and compaction of the site and verify in writing that the relative soil density and compaction meets or exceeds the requirements specified in the soils report. If the relative soil density and compaction does not meet the specifications stated in the soils report, the contractor shall follow the soils engineer's recommendations for re-compaction.

Irrigation system shall be designed to prevent saturation of soil adjacent to building.

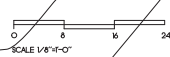
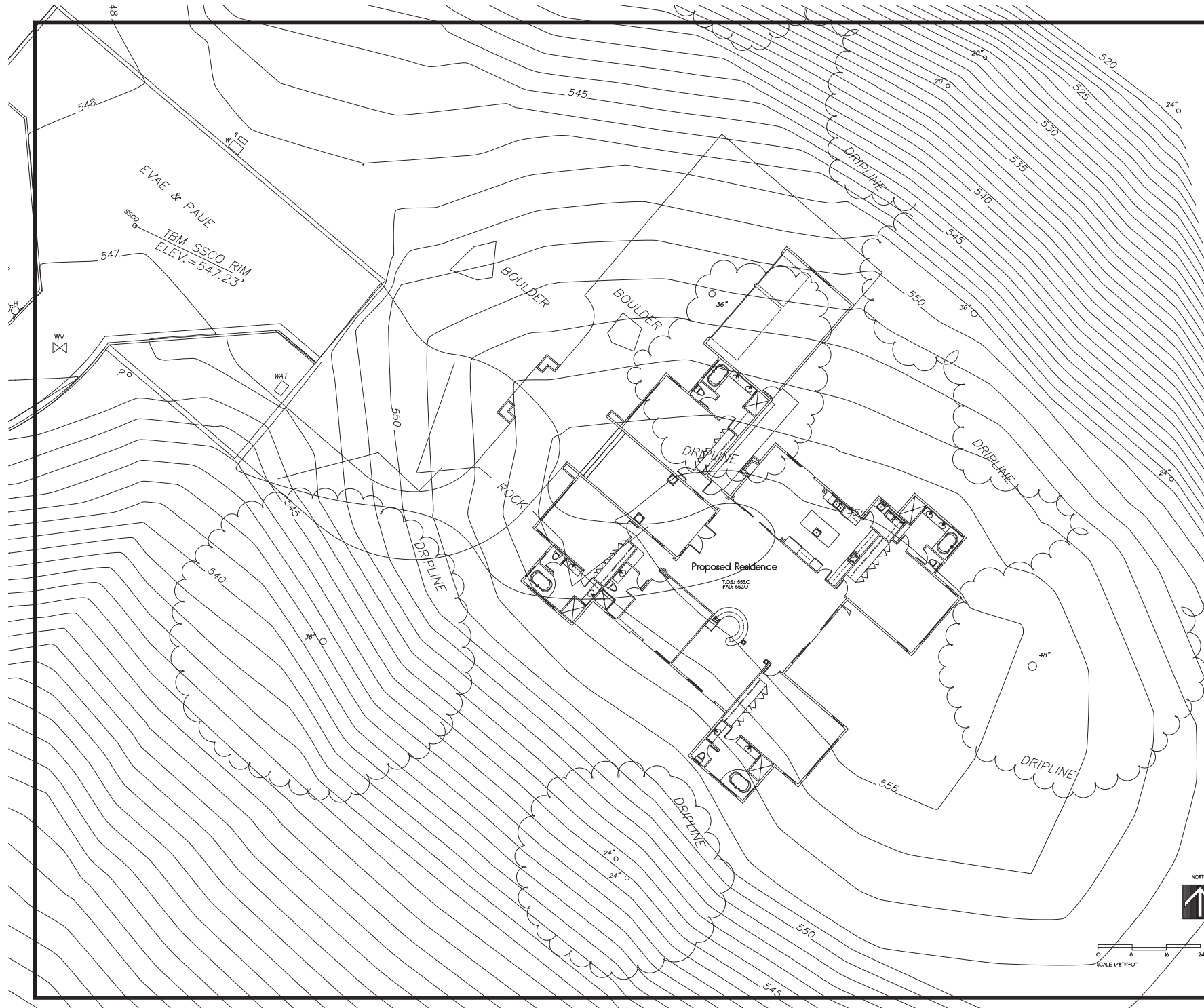
See Civil drawings for existing and proposed grading, utilities, trees, additional structures, proposed drainage, and erosion control measures.

ZONING:	RD-95-C3
LOT AREA:	837 ACRES
MAX. MAN. BUILDING AREA:	4500 SQ. FT.
GARAGE CREDIT AREA:	600 SQ. FT.
MAX. BUILDING AREA:	5100 SQ. FT.
MAN. BUILDING AREA:	4225 SQ. FT.
GARAGE AREA:	633 SQ. FT.
TOTAL BUILDING AREA:	4858 SQ. FT.

Rev	Description	Date
1		

**Partial Site Plan**

Job Number: 201520 Sheet: 1  
 Scale: 1/8"=1'-0"  
 Drawn: Terry  
 Checked: t2-29-15  
 Date: 12-29-15 Of: 5

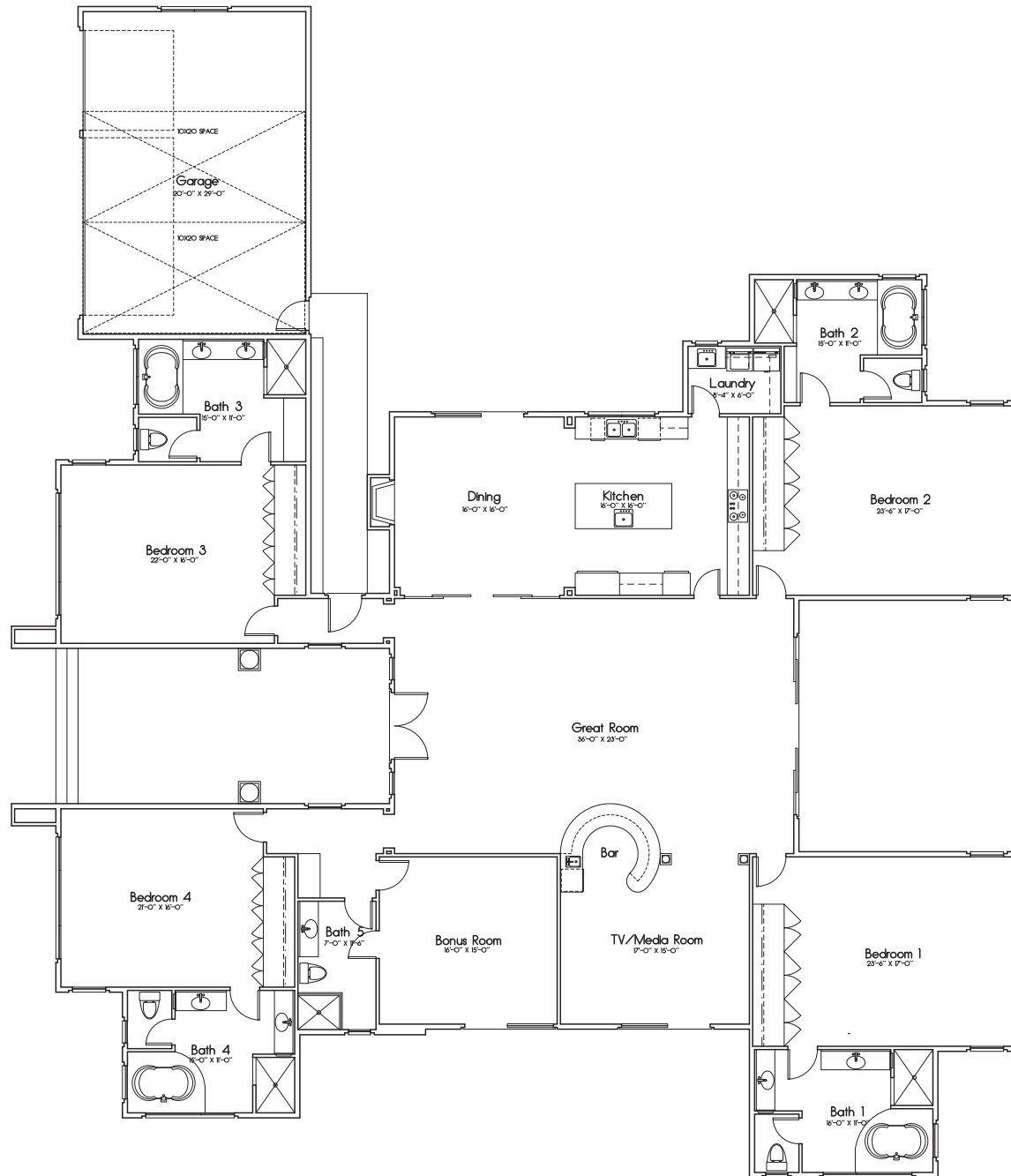




**Kumar Residence**

Lot 12 Subdivision 6951  
 Pleasanton, California

Notes:



Rev	Description	Date

**Main Floor Plan**  
 4025 SQUARE FEET  
 GARAGE: 603 SQUARE FEET

Job Number: 201520 Sheet: \_\_\_\_\_  
 Scale: 1/4" = 1'-0" Drawn: Terry  
 Checked: Terry  
 Date: 12-29-15 Of 5

2



Terry J. Townsend

• Architect •

147 Old Bernal Ave., Suite 6  
Pleasanton, CA 94566  
Tel: 925-484-5438

Kumar Residence

Lot 12 Subdivision 6951  
Pleasanton, California

Note:

Roofing shall be Concrete 3" Tile over 3/4" lat over 1/2" OSB sheathing w/ radiant barrier noted per structural engineer's specifications. Downspouts shall be located by others.

The net free attic ventilation area shall be not less than 1/150 of the area of the space ventilated.

ATTIC VENTILATION : XXXX / 150 = XXXXX sq. ft.  
 Total area required to be vented : XXXXX sq. ft.  
 XXX Rafter vent ..... XXXXX sq. ft.  
 XXX Gable end vent ..... XXXXX sq. ft.  
 XXX High vent ..... XXXXX sq. ft.  
 Total Area of ventilation : ..... XXXXX sq. ft.  
 50% LOW REQUIREMENT: XXX > XXX, OKAY  
 50% HIGH REQUIREMENT: XXX > XXX, OKAY

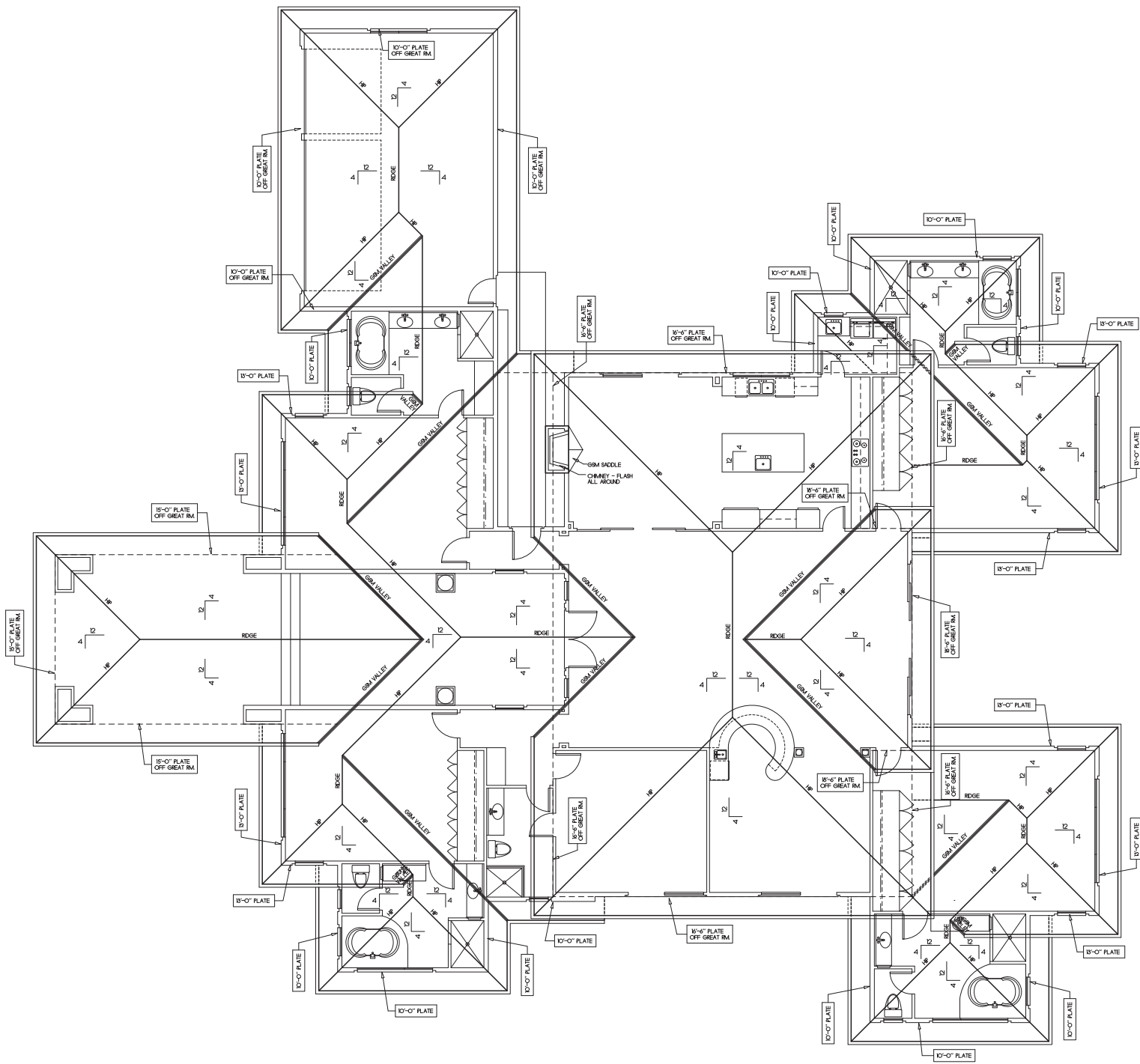
All framing shall be Douglas Fir No. 2 or better (LION).  
Concrete roof tiles shall be fastened per 2013 CBC.

Roof flashing around pipes, vents, flues, chimneys, etc. shall be lead, copper, or other approved flexible flashing material and shall be formed to follow the contours of the tile and allow seating of the tiles as per 2013 CBC.

Plate heights are designated off adjacent subfloor (LION).

All eaves shall be 24" from wall framing (LION).

Plumbing waste stacks and combustion flues shall be placed to penetrate to the rear of the main ridge line. All beams shall be braced at each end to prevent rotation.



Rev	Description	Date

Roof Plan

Job Number: 201520 Sheet: 3  
 Scale: 1/4" = 1'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 12-29-15 of 5

**Kumar Residence**

Lot 12 Subdivision 6951  
 Pleasanton, California

**Notes:**

All windows at first floor shall be mounted at 6'-0" above top of subfloor (T.O.S.F.).

Provide two layers grade "D" paper at all exterior walls with stucco over wood based sheathing.

A weep screed shall be provided at the foundation plate on all exterior studs/walls covered with stucco. The screed shall be of a type which will allow trapped water to drain to the exterior of the building, per 2013 CBC.

S.F. : Subfloor

Subfr : Subfloor

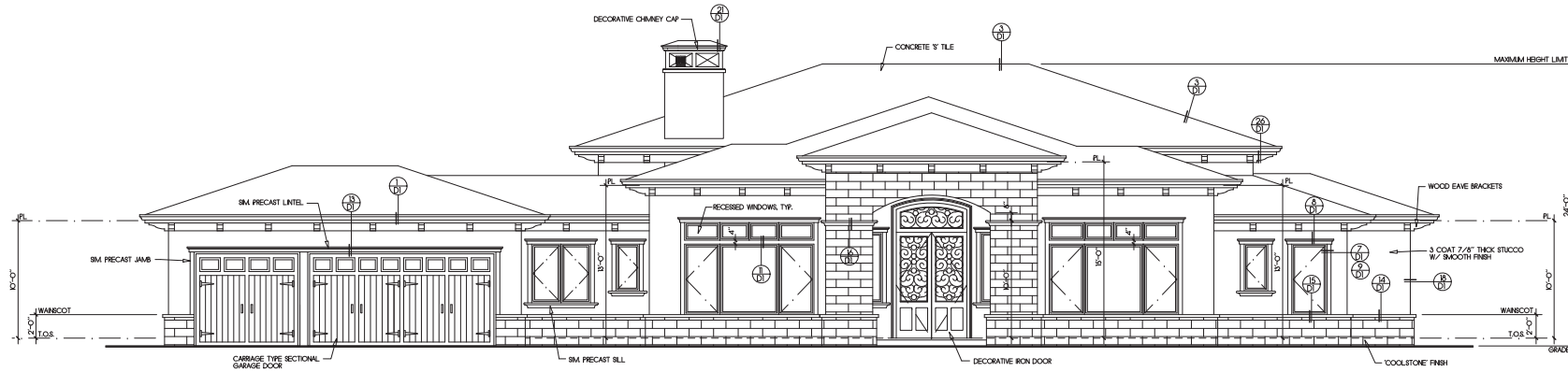
T.O.S. : Top of Slab

T.O.S.W. : Top of stem wall

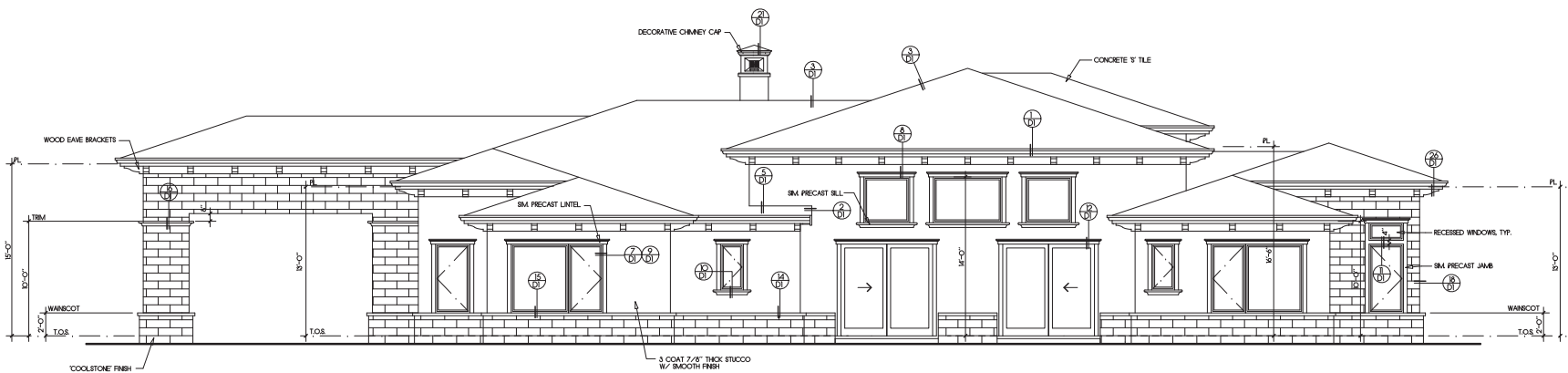
T.O. Ftg. : Top of Footing

Fireplace shall be equipped with GSM terminal cap with spark arrester.

Egress windows shall comply with 2013 CBC with a minimum net clear opening area of 5.7 sq. ft., a minimum net clear opening height of 24 inches, a minimum net clear opening width of 20 inches, and a maximum height of 44 inches from the floor to the bottom of the window opening.



Front Elevation  
 (Northwest)



Right Side Elevation  
 (Southwest)

Rev	Description	Date

**Main Residence  
 Exterior Elevations**

Job Number: 201520 Sheet: 4  
 Scale: 1/4" = 1'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 12-29-15 of 5

**Kumar Residence**

Lot 12 Subdivision 6951  
 Pleasanton, California

**Notes:**

All windows at first floor shall be mounted at 6'-0" above top of subfloor (1033).

Provide two layers grade "D" paper at all exterior walls with stucco over wood based sheathing.

A weep screed shall be provided at the foundation plate on all exterior studs/ends covered with stucco. The screed shall be of a type which will allow trapped water to drain to the exterior of the building, per 2013 CBC.

S.F. : Subfloor

Subfr : Subfloor

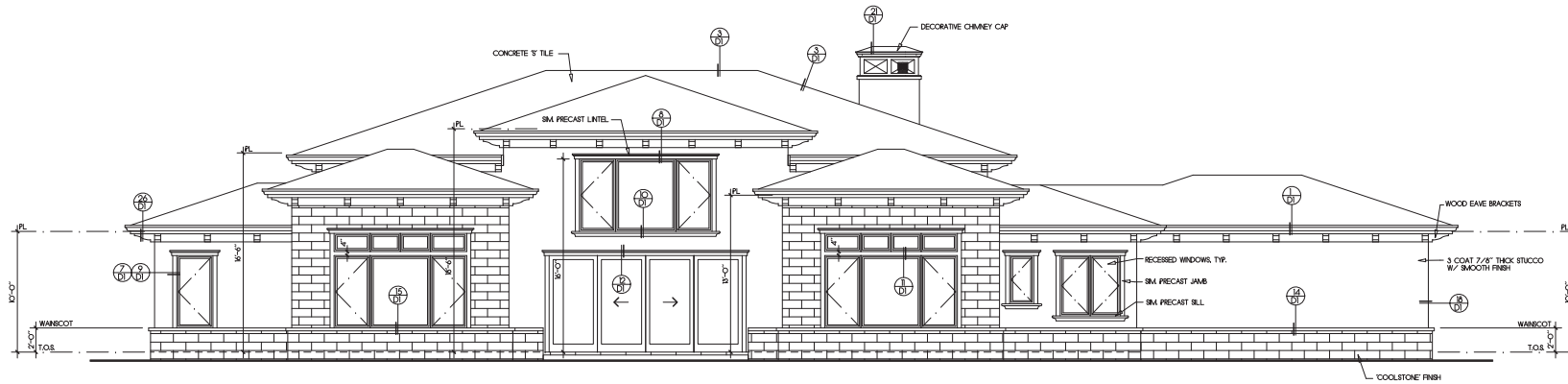
T.O.S. : Top of Slab

T.O.S.W. : Top of stem wall

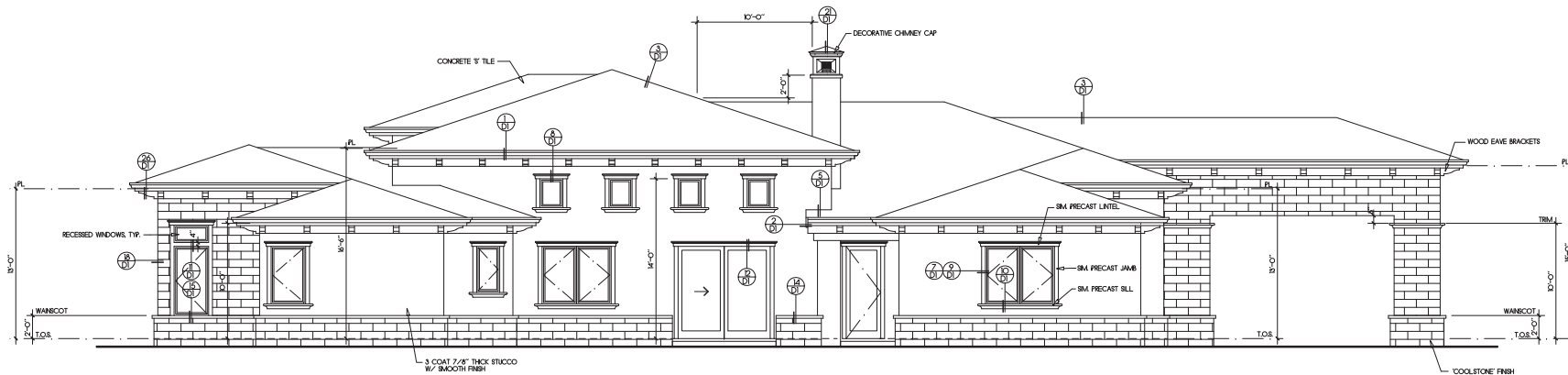
T.O. Ftg. : Top of Footing

Fireplace shall be equipped with GSM terminal cap with spark arrester.

Egress windows shall comply with 2013 CBC with a minimum net clear operable area of 5.7 sq. ft., a minimum net clear operable height of 24 inches, a minimum net clear operable width of 20 inches, and a maximum height of 44 inches from the floor to the bottom of the window opening.



Rear Elevation  
 (Southeast)



Left Side Elevation  
 (Northeast)

Rev	Description	Date

**Main Residence  
 Exterior Elevations**

Job Number: 201520 Sheet: 5  
 Scale: 1/4"=1'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 12-29-15 of 5

**Terry J. Townsend**  
 • Architect •  
 147 Old Bernal Ave., Suite 6  
 Pleasanton, CA 94566  
 Tel: 925-464-5438

**Kumar Residence**  
 Lot 12 Subdivision 6951  
 Pleasanton, California

Notes



Front Elevation



Right Side Elevation

Rev	Description	Date

**Main Residence  
 Colored Elevations**

Job Number: 201920 Sheet: C  
 Scale: 1/4" = 1'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 10-20-15 of XX



**Terry J. Townsend**  
 • Architect •  
 147 Old Bernal Ave., Suite 6  
 Pleasanton, CA 94566  
 Tel. 925-484-5438

**Kumar Residence**  
 Lot 12, Subdivision 4951  
 Pleasanton, California

Notes:



Rear Elevation



Left Side Elevation

Rev	Description	Date

**Main Residence  
 Colored Elevations**

Job Number: 201820 Sheet: C  
 Scale: 1/4"=1'-0"  
 Drawn: Terry  
 Checked: Terry  
 Date: 11-30-18 Of 8





NewLeaf Landscape Architecture  
814 W. 5th Street, Ripon, CA 95368  
209-640-3710

NOT USED

CONSULTANTS

REVISION DATE

Preliminary Landscape Design 12/9/15

Revision #1 12/22/15

PROJECT NAME

KUMAR RESIDENCE

LOT 12, SUBDIVISION 6951

5967 KOLB RANCH DRIVE

PLEASANTON, CA 94588

SHEET TITLE

Cover Page

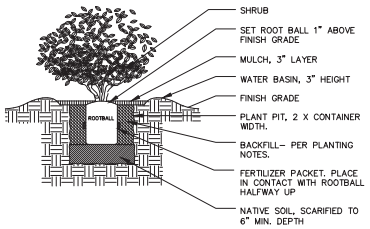
PROJECT NO. 0073

DRAWN BY NEM

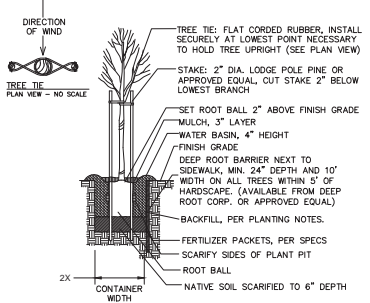
CHECKED BY NEM

SHEET

L1.0



1 SHRUB PLANTING SECTION



2 TREE PLANTING SECTION

GENERAL IRRIGATION NOTES

- IRRIGATION SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. BY LICENSED CONTRACTORS AND EXPERIENCED WORKMEN. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES FOR THIS WORK.
- CONTRACTOR IS TO VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO PERFORMING ANY EXCAVATIONS. CONTRACTOR IS TO REPAIR ANY DAMAGE CAUSED BY, OR DURING THE PERFORMANCE OF, HIS WORK AT NO ADDITIONAL COST TO THE OWNER.
- IRRIGATION CONTROLLER WILL BE WEATHER ADJUSTING.
- IRRIGATION SYSTEM WILL BE DESIGNED AND INSTALLED TO MEET THE CURRENT STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.
- IRRIGATION CONTROLLER SHALL BE SCHEDULED TO OPERATE PER THE CITY OF PLEASANTON WATER CONSERVATION ORDINANCE.
- THE IRRIGATION DESIGN WILL COMPLY WITH THE CRITERIA ESTABLISHED BY THE STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND WILL APPLY THOSE REQUIREMENTS FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE.

PRELIMINARY HYDROZONE LEGEND

HYDROZONE (VALVE #)	PLANT WATER USE TYPE	PLANT TYPE	PLANT FACTOR	HYDROZONE AREA (sq)	IRRIGATION METHOD	IRRIGATION EFFICIENCY
1	MOD/LOW	SHRUBS, GC & TREES	0.4	15,522	DRIP	85%
2	MODERATE	KURAPIA GC	0.4	413	ROTATORS	75%
3	HIGH	TURF	0.7	1,915	ROTATORS	75%

THIS INFORMATION IS A PRELIMINARY SUMMARY OF THE STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE WATER USE CALCULATIONS FOR 5967 KOLB RANCH DRIVE, PLEASANTON, CA. THIS INFORMATION WILL BE UPDATED AND RESUBMITTED TO THE CITY WITH THE FULL LANDSCAPE AND IRRIGATION PLANS AT TIME OF BUILDING PERMIT.

TOTAL LANDSCAPE AREA - 17,850 SF

SPECIAL LANDSCAPE AREA - 0 SF OF TOTAL LANDSCAPE AREA

MAXIMUM APPLIED WATER ALLOWANCE (MAWA)  
46.2 X 0.62 X [(55 X 17,850) + (0.45 X 0)] = 281,212 GALLONS PER YEAR

ESTIMATED TOTAL WATER USE (ETWU)  
HYDROZONE #1 - 46.2 X 0.62 X [(0.4 X 15,522) + (0.3 X 0)]/0.85 = 289,229 GALLONS PER YEAR  
HYDROZONE #2 - 46.2 X 0.62 X [(0.4 X 413) + (0.3 X 0)]/0.75 = 6,309 GALLONS PER YEAR  
HYDROZONE #3 - 46.2 X 0.62 X [(0.7 X 1,915) + (0.3 X 0)]/0.75 = 51,396 GALLONS PER YEAR  
ESTIMATED TOTAL WATER USE = 286,734 GALLONS (OR 357 CCF) PER YEAR

ESTIMATE TOTAL WATER USE IS LESS THAN MAXIMUM APPLIED WATER ALLOWANCE THEREFORE THE PRELIMINARY CALCULATIONS INDICATE THAT THE LANDSCAPE DEPICTED ON THIS PRELIMINARY LANDSCAPE DESIGN WILL MEET THE STATE WATER EFFICIENT LANDSCAPE ORDINANCE GUIDELINES WHEN SUBMITTED IN THE FUTURE FOR A BUILDING PERMIT.

PLANT LEGEND

SYMBOL	BOTANICAL NAME / COMMON NAME	PLANT QTY.	PLANT SIZE	WATER REQ. S
<b>TREES</b>				
CER OCC	CERCIS OCCIDENTALIS/ WESTERN REDBUD	3	15 GAL	VERY LOW
CHI RET	CHIONANTHUS RETUSUS / CHINESE FRINGE TREE	8	24" BOX	MODERATE
FRUIT TREE	FRUIT TREES VARIETY / LEMON, ORANGE, APPLE, PEACH, APRICOT	5	15 GAL	MODERATE
PCS CHI	PISTACIA CHINENSIS 'KEITH DAVEY' / CHINESE PISTACHE	5	24" BOX	LOW
PUN GRA	PUNICA GRANATUM / POMEGRANITE	2	15 GAL	LOW
QUE AGR	QUERCUS AGRIFOLIA / COAST LIVE OAK	9	24" BOX	VERY LOW
QUE LOB	QUERCUS LOBATA / VALLEY OAK	1	36" BOX	VERY LOW
<b>SHRUBS</b>				
ARC HOW	ARCTOSTAPHYLOS D. 'HOWARD MCMINN' / VINE HILL MANZANITA	26	5 GAL	LOW
ART POW	ARTEMISIA 'POWIS CASTLE' / POWIS CASTLE SAGEBRUSH	36	5 GAL	LOW
BER GOL	BERBERIS 'GOLDEN ABUNDANCE' / MAHONIA	20	5 GAL	MODERATE
BER THU	BERBERIS THUNBERGII / JAPANESE BARBERRY	22	5 GAL	MODERATE
CEA ANCH	CEANOTHUS G. 'ANCHOR BAY' / ANCHOR BAY CEANOTHUS	16	1 GAL	LOW
CEA DAR	CEANOTHUS 'DARK STAR' / DARK STAR CEANOTHUS	26	5 GAL	LOW
CIS SUN	CISTUS X P. 'SUNSET' / ROCKROSE	24	5 GAL	LOW
ERI KAR	ERIGERON KARVINSKIANUS / FLEABANE	33	1 GAL	LOW
HEM HYB	HEMEROCALLIS HYBRID 'STELLA DE ORO' / DAYLILLY	71	1 GAL	MODERATE
HEU SAN	HEUCHERA SANGUINEA / CORAL BELLS	37	1 GAL	MODERATE
LAN CON	LANTANA X 'CONFETTI' / HYBRID LANTANA	16	5 GAL	LOW
LAV DEN	LAVANDULA DENTATA / FRENCH LAVENDER	25	5 GAL	LOW
PHO RUB	PHORMIUM RUBRUM / NEW ZEALAND FLAX	15	5 GAL	LOW
RHA EVE	RHAMNUS C. 'EVE CASE' / COFFEEBERRY	26	5 GAL	LOW
RHA BAL	RHAPHIDOLEPSIS 'BALLERINA' / INDIAN HAWTHORNE	22	5 GAL	LOW
RIB VIB	RIBES VIBURNIFOLIUM / EVERGREEN CURRANT	22	1 GAL	LOW
SAL CLE	SALVIA CLEVELANDII 'WINIFRED GILMAN' / CLEVELAND SALVIA	13	5 GAL	LOW
<b>GROUND COVERS</b>				
COT LOW	COTONEASTER D. 'LOWFAST' / LOWFAST COTONEASTER - 48" O.C.	88	1 GAL	LOW
LIP NOD	LIPPIA NODIFLORA / KURAPIA	413 SF	SOD	MODERATE
MYO PAR	MYOPORUM PARVIFOLIUM / MYOPORUM - 48" O.C.	40	1 GAL	LOW
ROS HUN	ROSMARINUS O. 'HUNTINGTON CARPET' / ROSEMARY - 48" O.C.	108	1 GAL	LOW
LAWN	TALL DWARF FESCUE TURF FROM SOD	1,915 SF	SOD	HIGH

NOTES:

- ALL PLANTING AREAS SHALL BE ROTOTILLED TO A DEPTH OF 6" MINIMUM BEFORE PLANTING. CONTRACTOR IS TO COMPLETE A SOILS TEST ONCE THE GRADING OPERATIONS ARE COMPLETE. CONTRACTOR WILL THEN INCORPORATE ALL RECOMMENDED AMENDMENTS INTO THE SOIL. AT A MINIMUM, CONTRACTOR SHALL INCORPORATE 3CU/1000SF OF ORGANIC AMENDMENT AND 10LBS/1,000SF OF 6-24-24 FERTILIZER INTO THE TOP 6" OF SOIL. INSTALL FERTILIZER TABLETS AT ALL TREE AND SHRUB PLANTING PER MANUFACTURERS RECOMMENDATION.
- ALL PLANTING AREAS SHALL HAVE A PRE-EMERGENT WEED KILLER AND A MINIMUM OF 3" OF WALK-ON BARK INSTALLED AFTER PLANTING IS COMPLETE.
- INSTALL 2 LODGEPOLE PINE TREE STAKES PER TREE WITH 2 BLACK RUBBER TIES. TREE STAKES SHALL BE PERPENDICULAR TO PREVAILING WIND.
- VERIFY THE LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES PRIOR TO PERFORMING ANY EXCAVATIONS.
- CONTRACTOR SHALL MAINTAIN THE LANDSCAPE FOR 90 DAYS AND SHALL GUARANTEE ALL PLANT MATERIAL FOR AT LEAST 90 DAYS AFTER INSTALLATION AND SHALL REPLACE ANY DISEASED OR DYING PLANTS DURING THAT 90 DAY PERIOD.
- CONTRACTOR SHALL VERIFY PLANT COUNTS ON PLAN AND IN LEGEND, ALL PLANT QUANTITIES ARE FOR BIDDING PURPOSES ONLY.

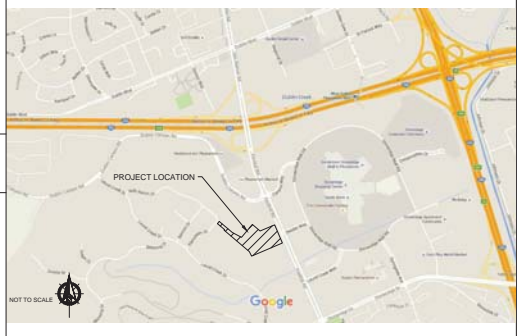
PROJECT DATA

PROJECT NAME: KUMAR RESIDENCE  
PROJECT ADDRESS: LOT 12, SUBDIVISION 6951  
5967 KOLB RANCH DRIVE  
PLEASANTON, CA 94588

TOTAL AREA OF PARCEL: 353,272 SQ. FT. (8.11 ACRES NET)

TOTAL AREA OF PARCEL BEING DEVELOPED: 34,535 SQ. FT.  
NEW LANDSCAPED AREA: 17,850 SQ. FT. (51.7%)  
TOTAL NEW TREES BEING PLANTED: 33  
1 TREE / 1,050 SQ. FT. OF TOTAL AREA BEING DEVELOPED

VICINITY MAP



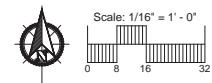
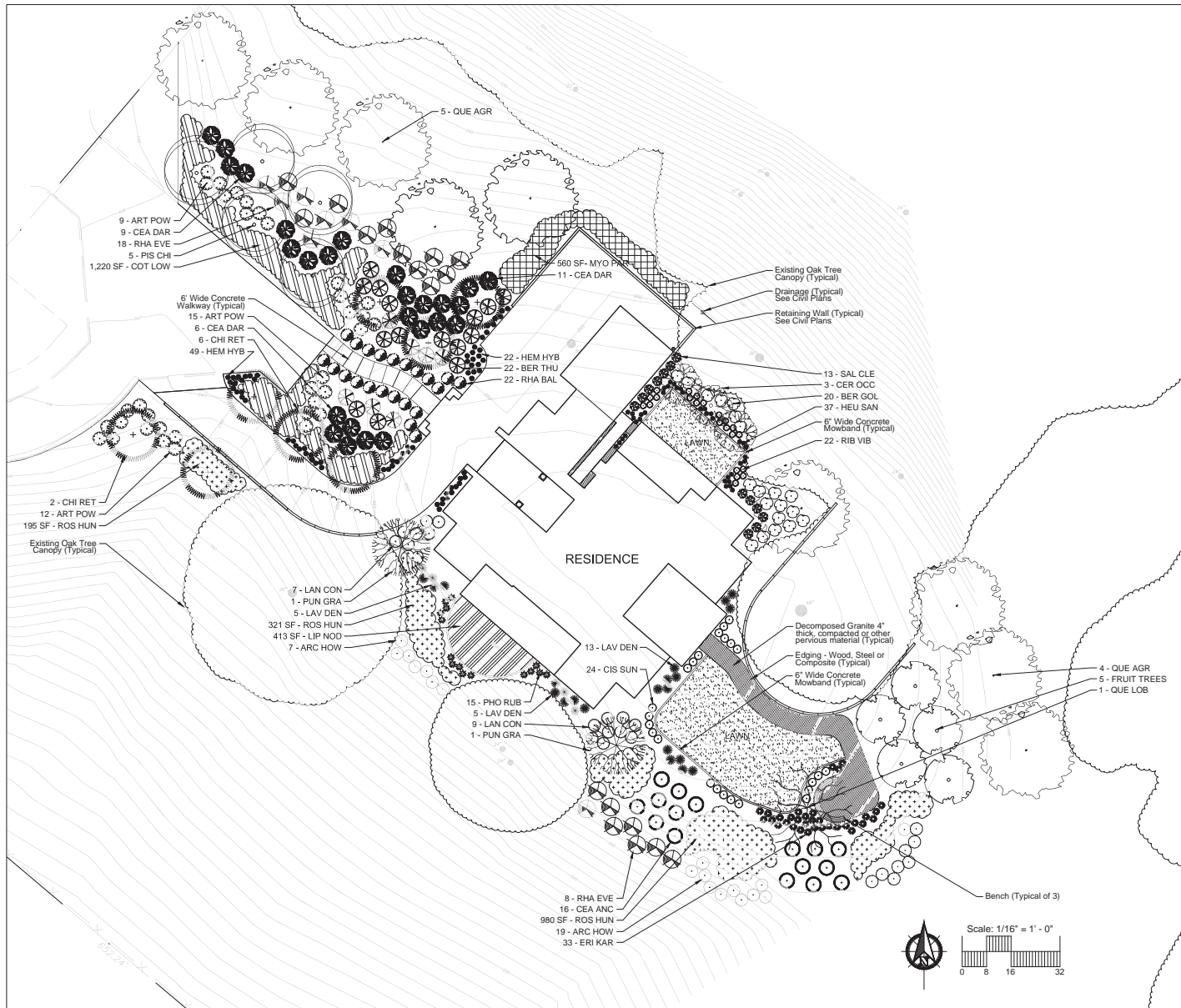
SHEET INDEX

LANDSCAPE SHEETS

- L1.0 COVER PAGE
- L2.0 PRELIMINARY LANDSCAPE PLAN



NOT FOR CONSTRUCTION  
PRELIMINARY LANDSCAPE PLANS



NOT FOR CONSTRUCTION  
PRELIMINARY LANDSCAPE PLANS

NEWLEAF

Landscape Architecture



NewLeaf Landscape Architecture  
814 W. 5th Street, Ripon, CA 95366  
209-640-3710

NOT USED

CONSULTANTS

REVISION	DATE
Preliminary Landscape Design	12/9/15
Revision #1	12/22/15

REVISION	DATE

PROJECT NAME  
KUMAR RESIDENCE  
LOT 12, SUBDIVISION 6951  
5967 KOLB RANCH DRIVE  
PLEASANTON, CA 94588

SHEET TITLE

Preliminary  
Landscape Plan

PROJECT NO. 0073  
DRAWN BY NEM  
CHECKED BY NEM

SHEET

L2.0

# KUMAR RESIDENCE COLOR BOARD



**ROOF**

**BORAL BARCELONA 900 CALIFORNIA MISSION BLEND**



**EAVE/GUTTER**

**KM 417 OXFORD BROWN**



**WINDOW TRIM**

**KM 230 GRAYSTONE**



**BODY**

**HL 4220-2 DEL SOL MAIZE**



**COOLSTONE**

**KM 38 NAVAJO WHITE**

# Products STONE

Nationwide Profiles

Eastern Profiles


Northwestern Profiles

Western Profiles

Products > Nationwide Profiles > CoastalReef

## CoastalReef

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Pearl White CoastalReef



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## Nationwide Colors



Pearl White



Sanibel

## ELDORADO CONCIERGE >

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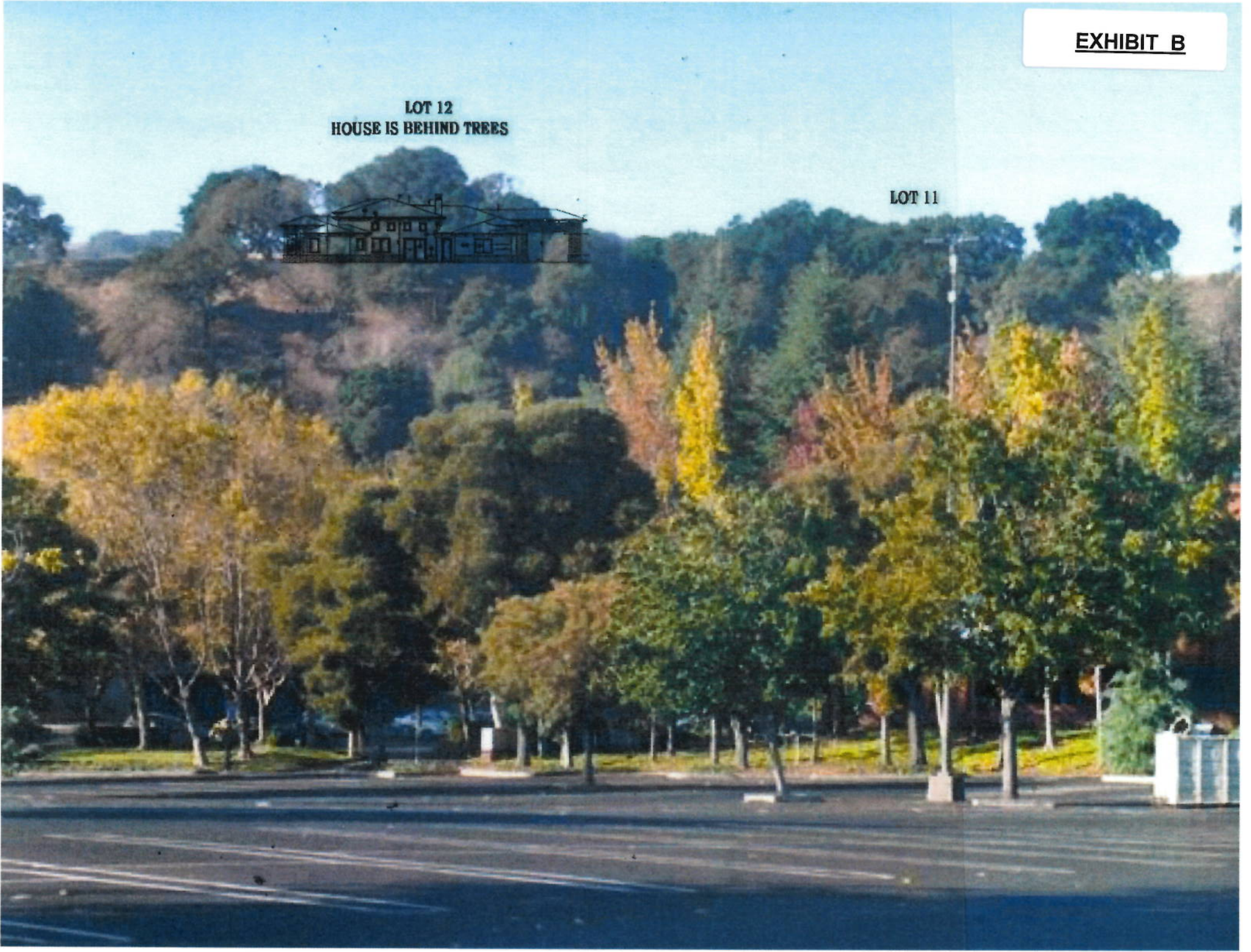
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**LOT 12**  
**HOUSE IS BEHIND TREES**

**LOT 11**



DEC 08 2015

CITY OF PLEASANTON  
 PLANNING DIVISION



**NEW HOME RATING SYSTEM, VERSION 6.0**

**SINGLE FAMILY CHECKLIST**

The GreenPoint Rated checklist tracks green features incorporated into the home. GreenPoint Rated is administered by Build It Green, a non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.

The minimum requirements of GreenPoint Rated are: verification of 50 or more points. Earn the following minimum points per category: Community (2), Energy (25), Indoor Air Quality/Health (5), Resources (6), and Water (6), and meet the prerequisites CALGreen Mandatory, H6.1, J5.1, C.

The criteria for the green building practices listed below are described in the GreenPoint Rated Single Family Rating Manual. For more information please visit [www.builditgreen.org/greenpointrated](http://www.builditgreen.org/greenpointrated). Build It Green is not a code enforcement agency.

Points Achieved: **54**

Certification Level: **Certified**

**POINTS REQUIRED**

# Minimum Points  
 # Achieved Points

A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green.

Single Family New Home Version 6.0.2

Kumar Residence		Points Achieved	Community	Energy	IAQ/Health	Resources	Water	NOTES
MEASURES		Possible Points						
CALGreen		4	1	1	1	1	1	
A. SITE								
TBD	A1 Construction Footprint					1		
TBD	A2 Job Site Construction Waste Diversion					2		
TBD	A2.1 65% C&D Waste Diversion (Including Alternative Daily Cover)					2		
TBD	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover)					1		
TBD	A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility					1		
TBD	A3 Recycled Content Base Material					1		
TBD	A4 Heat Island Effect Reduction (Non-Roof)			1				
TBD	A5 Construction Environmental Quality Management Plan Including Flush-Out				1			
TBD	A6 Stormwater Control: Prescriptive Path							
Yes	A6.1 Permeable Paving Material	1					1	
TBD	A6.2 Filtration and/or Bio-Retention Features						1	
TBD	A6.3 Non-Leaching Roofing Materials						1	
TBD	A6.4 Smart Stormwater Street Design	1						
TBD	A7 Stormwater Control: Performance Path						3	
B. FOUNDATION								
TBD	B1 Fly Ash and/or Slag in Concrete					1		
TBD	B2 Radon-Resistant Construction				2			
TBD	B3 Foundation Drainage System					2		
TBD	B4 Moisture Controlled Crawlspace				1			
Yes	B5 Structural Pest Controls	1				1		
TBD	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections					1		
TBD	B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation					1		
C. LANDSCAPE								
TBD	Enter the landscape area percentage							
TBD	C1 Plants Grouped by Water Needs (Hydrozoning)						1	
TBD	C2 Three Inches of Mulch in Planting Beds						1	
TBD	C3 Resource Efficient Landscapes							
TBD	C3.1 No Invasive Species Listed by CalIPC					1		
TBD	C3.2 Plants Chosen and Located to Grow to Natural Size					1		
TBD	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species						3	
C4. Minimal Turf in Landscape								
TBD	C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less Than Eight Feet Wide						2	
TBD	C4.2 Turf on a Small Percentage of Landscaped Area						2	
Yes	C5. Trees to Moderate Building Temperature	3	1	1			1	
TBD	C6. High-Efficiency Irrigation System						2	
Yes	C7. One Inch of Compost in the Top Six to Twelve Inches of Soil	2					2	
TBD	C8. Rainwater Harvesting System						3	
TBD	C9. Recycled Wastewater Irrigation System						1	
TBD	C10. Submeter or Dedicated Meter for Landscape Irrigation						2	
TBD	C11. Landscape Meets Water Budget						2	
TBD	C12. Environmentally Preferable Materials for Site							
TBD	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing					1		
TBD	C13. Reduced Light Pollution	1						
Yes	C14. Large Shutter Tree(s)	1	1					
TBD	C15. Third Party Landscape Program Certification						1	
Yes	C16. Maintenance Contract with Certified Professional	1					1	
D. STRUCTURAL FRAME AND BUILDING ENVELOPE								
D1. Optimal Value Engineering								
TBD	D1.1 Joist Rafter and Studs at 24 Inches on Center			1		2		
Yes	D1.2 Non-Load Bearing Door and Window Headers (Listed for Load)	1				1		
TBD	D1.3 Advanced Framing Measures					2		
TBD	D2. Construction Material Efficiencies					1		
D3. Engineered Lumber								
TBD	D3.1 Engineered Beams and Headers					1		
TBD	D3.2 Wood Joists or Web Trusses for Floors					1		
TBD	D3.3 Engineered Lumber for Roof Rafters					1		
TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications					1		
Yes	D3.5 OSB for Subfloor	0.5					0.5	
Yes	D3.6 OSB for Wall and Roof Sheathing	0.5					0.5	
TBD	D4. Insulated Headers		1					



Single Family New Home		Version 6.0.2				
		<b>D5. FSC-Certified Wood</b>				
TBD		D5.1 Dimensional Lumber, Studs, and Timber			6	
TBD		D5.2 Panel Products			3	
		<b>D6. Solid Wall Systems</b>				
TBD		D6.1 At Least 90% of Floors			1	
TBD		D6.2 At Least 90% of Exterior Walls			1	
TBD		D6.3 At Least 90% of Roofs		1	1	
Yes		<b>D7. Energy Heats on Roof Trusses</b>		1	1	
18 Inches		<b>D8. Overhangs and Gutters</b>		1	1	
		<b>D9. Reduced Pollution Entering the Home from the Garage</b>				
TBD		D9.1 Detached Garage				
TBD		D9.2 Mitigation Strategies for Attached Garage		2	1	
		<b>D10. Structural Pest and Rot Controls</b>				
TBD		D10.1 All Wood Located At Least 12 Inches Above the Soil			1	
TBD		D10.2 Wood Framing Treated With Borates or Factory Impregnated or With Materials Other Than Wood			1	
Yes		<b>D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)</b>		2	1	1
<b>E. EXTERIOR</b>						
TBD		E1. Environmentally Preferable Decking			1	
TBD		E2. Flashing Installation Third-Party Verified			2	
TBD		E3. Rain Screen Wall System			2	
TBD		E4. Durable and Non-Combustible Cladding Materials			1	
		<b>E5. Durable Roofing Materials</b>				
TBD		E5.1 Durable and Fire Resistant Roofing Materials or Assembly			1	
TBD		E6. Vegetated Roof	2	2		
<b>F. INSULATION</b>						
		<b>F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content</b>				
TBD		F1.1 Walls and Floors			1	
TBD		F1.2 Ceilings			1	
		<b>F2. Insulation that Meets the CDPH Standard Method - Residential for Low Emissions</b>				
TBD		F2.1 Walls and Floors			1	
TBD		F2.2 Ceilings			1	
		<b>F3. Insulation That Does Not Contain Fire Retardants</b>				
TBD		F3.1 Cavity Walls and Floors			1	
TBD		F3.2 Ceilings			1	
TBD		F3.3 Interior and Exterior			1	
<b>G. PLUMBING</b>						
		<b>G1. Efficient Distribution of Domestic Hot Water</b>				
Yes		G1.1 Insulated Hot Water Pipes				
TBD		G1.2 WaterSense Volume Limit for Hot Water Distribution	1	1		
TBD		G1.3 Increased Efficiency in Hot Water Distribution			2	
		<b>G2. Install Water-Efficient Fixtures</b>				
TBD		G2.1 WaterSense Showerheads with Matching Compensation Valve			2	
TBD		G2.2 WaterSense Bathroom Faucets			1	
TBD		G2.3 WaterSense Inlets with a Maximum Performance (MOP) Flow restrictor of No. Less Than 500 Grams			1	
TBD		<b>G3. Pre-Plumbing for Graywater System</b>			1	
TBD		<b>G4. Operational Graywater System</b>			1	
<b>H. HEATING, VENTILATION, AND AIR CONDITIONING</b>						
		<b>H1. Sealed Combustion Units</b>				
TBD		H1.1 Sealed Combustion Furnace			1	
TBD		H1.2 Sealed Combustion Water Heater			2	
TBD		<b>H2. High Performing Zoned Hydronic Radiant Heating System</b>		1	1	
		<b>H3. Effective Ductwork</b>				
Yes		H3.1 Duct Mastic on Duct Joints and Seams	1	1		
TBD		H3.2 Pressure Balance the Ductwork System	1	1		
Yes		<b>H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified</b>	1	1	1	
		<b>H5. Advanced Practices for Cooling</b>				
TBD		H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms			1	
		<b>H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality</b>				
Yes		H6.1 Meet ASHRAE 62.2-2019 Ventilation Residential Standards	1	1	1	
TBD		H6.2 Advanced Ventilation Standards			1	
TBD		H6.3 Outdoor Air Ducted to Bedroom and Living Areas			2	
		<b>H7. Effective Range Hood Design and Installation</b>				
TBD		H7.1 Effective Range Hood Ducting and Design			1	
TBD		H7.2 Automatic Range Hood Control			1	
TBD		<b>H8. No Fireplace or Sealed Gas Fireplace</b>			1	
TBD		<b>H9. Humidity Control Systems</b>			1	
TBD		<b>H10. Register Design Per ACCA Manual T</b>		1		
Yes		<b>H11. High Efficiency HVAC Filter (MERV 8+)</b>	1	1	1	
<b>I. RENEWABLE ENERGY</b>						
No		I1. Pre-Plumbing for Solar Water Heating	0	1		
Yes		I2. Preparation for Future Photovoltaic Installation	1	1		
		<b>I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)</b>		25		
		<b>I4. Net Zero Energy Home</b>				
TBD		I4.1 Near Zero Energy Home		2		
Yes		I4.2 Net Zero Electric	0	4		

J. BUILDING PERFORMANCE AND TESTING						
TBD	J1	Third-Party Verification of Quality of Insulation Installation			1	1
TBD	J2	Supply and Return Air Flow Testing			1	1
TBD	J3	Mechanical Ventilation Testing and Low Leakage			1	1
TBD	J4	Combustion Appliance Safety Testing			1	1
2008	J5	Building Performance Exceeds Title 24 Part 6				
15.00%	J5	Home Outperform Title 24 Part 6	25			
TBD	J6	Title 24 Prepared and Signed by a CADEC Certified Energy Analyst			1	1
TBD	J7	Participation in Utility Program with Third-Party Plan Review			1	1
TBD	J8	ENERGY STAR for Homes			1	1
No	J9	EPA Indoor airPlus Certification	0		1	1
TBD	J10	Blower Door Testing			2	2
K. FINISHES						
TBD	K1	Entryways Designed to Reduce Tracked-In Contaminants			1	1
Yes	K1	Individual Entryways	2		2	2
Yes	K2	Zero-VOC Interior Wall and Ceiling Paints	1		1	1
Yes	K3	Low-VOC Caulks and Adhesives			1	1
TBD	K4	Environmentally Preferable Materials for Interior Finish				
TBD	K4.1	Cabinets			2	2
TBD	K4.2	Interior Trim			2	2
TBD	K4.3	Shelving			2	2
TBD	K4.4	Doors			2	2
TBD	K4.5	Countertops			1	1
TBD	K5	Formaldehyde Emissions in Interior Finish Exceed CARB				
TBD	K5.1	Doors			1	1
TBD	K5.2	Cabinets and Countertops			2	2
TBD	K5.3	Interior Trim and Shelving			2	2
TBD	K6	Products That Comply With the Health Product Declaration Open Standard			2	2
TBD	K7	Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion			2	2
No	K8	Comprehensive Inclusion of Low Emitting Finishes	0		1	1
L. FLOORING						
TBD	L1	Environmentally Preferable Flooring			3	3
TBD	L2	Low-Emitting Flooring Meets CDPH 2010 Standard Method-Residential			3	3
TBD	L3	Durable Flooring			1	1
TBD	L4	Thermal Mass Flooring		1		1
M. APPLIANCES AND LIGHTING						
Yes	M1	ENERGY STAR® Dishwasher	1			1
TBD	M2	CEE-Rated Clothes Washer		1		1
TBD	M3	Size-Efficient ENERGY STAR Refrigerator		2		2
Yes	M4	Permanent Centers for Waste Reduction Strategies	1			1
TBD	M4.1	Built-In Recycling Center			1	1
TBD	M4.2	Built-In Composting Center			1	1
TBD	M5	Lighting Efficiency				
TBD	M5.1	High-Efficiency Lighting		2		2
TBD	M5.2	Lighting System Designed to IESNA Footcandle Standards or Directed by Lighting Consultant		2		2
N. COMMUNITY						
TBD	N1	Smart Development			1	1
TBD	N1.1	Smart Site		1		1
TBD	N1.2	Dedicated Brownfield Site		1	1	2
TBD	N1.3	Conserve Resources by Increasing Density		2		2
TBD	N1.4	Cluster Homes for Land Preservation		1		1
TBD	N1.5	Home Size Efficiency				9
		Enter the area of the home in square feet				
		Enter the number of bedrooms				
TBD	N2	Home(s) Development Located Within 1/2 Mile of a Major Transit Stop	2			2
TBD	N3	Pedestrian and Bicycle Access				
		N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services	2			2
		Enter the number of Tier 1 services				
		Enter the number of Tier 2 services				
TBD	N3.2	Connection to Pedestrian Pathways	1			1
TBD	N3.3	Traffic Calming Strategies	2			2
TBD	N4	Outdoor Gathering Places				
TBD	N4.1	Public or Semi-Public Outdoor Gathering Places for Residents	1			1
TBD	N4.2	Public Outdoor Gathering Places with Guest Access to Tier 1 Community Services	1			1
TBD	N5	Social Interaction				
TBD	N5.1	Residence Entries with Views to Caters	1			1
TBD	N5.2	Entrances Visible from Street and/or Other Front Doors	1			1
TBD	N5.3	Porches Oriented in Street and Public Space	1			1
TBD	N5.4	Social Gathering Space	1			1
TBD	N6	Passive Solar Design				
TBD	N6.1	Heating Load		2		2
TBD	N6.2	Cooling Load		2		2
TBD	N7	Adaptable Building				
TBD	N7.1	Universal Design Principles in Units	1		1	2
TBD	N7.2	Full-Function Independent Rental Unit	1			1
O. OTHER						
Yes	O1	GreenPoint Rated Checklist in Blueprints	Y	0.5	0.5	1
TBD	O2	Pre-Construction Kickoff Meeting with Rater and Subcontractors		0.5	0.5	1
TBD	O3	Orientation and Training to Occupants--Conduct Educational Walkthroughs		0.5	0.5	1
TBD	O4	Builder's or Developer's Management Staff are Certified Green Building Professionals		0.5	0.5	1
TBD	O5	Home System Monitors		1		1
TBD	O6	Green Building Education				
TBD	O6.1	Marketing Green Building	2			2
TBD	O6.2	Green Building Signage		0.5		0.5
Yes	O7	Green Appraisal Addendum	Y	0.5	0.5	1
TBD	O8	Detailed Durability Plan and Third-Party Verification of Plan Implementation				
<b>Total Available Points in Specific Categories</b>			342	26	131	54
<b>Minimum Points Required in Specific Categories</b>			50	2	25	6
<b>54</b>						