## **PROJECT DATA**

ZONE: **R-0** TYPE OF CONSTRUCTION: V-B APN: 213-29-053 ADDRESS: 825 TAMARACK LANE, SUNNYVALE, CA 94086-8326 LOT: 102 of Assessor's Parcel Map Book 213, Page 29, Tract # 1458, Western Terrace Un. # 2, 57-M-52. LOT AREA: 5529 SQ.FT EXISTING USE: ONE STORY, SFD EXISTING LOT COVERAGE: 1 374 SQ.FT. (25%) PROPOSED LOT COVERAGE: 1 942 SQ.FT. (35%) PROPOSED USE: SINGLE FAMILY MULTI-STORY BUILDING MAX HEIGHT: 26' ABOVE TOP OF THE CURB VERIFY AND REFER TO LAW (Sunnyvale Ordinance: no building or structure shall exceed 30 feet in height as measured from the top of

# curb)

## **SCOPE OF WORK:**

- Demolish existing house and garage
- Proposed a single family two story house

## **AREA CALCULATIONS:**

\*NO MAX PER SUNNYVALE MUNICIPAL CODE

DESCRIPTION		SQFT				
FIRST FLOOR	LIVING AREA	1542				
FIRST FLOOR	GARAGE	400				
SECOND FLOOR	LIVING AREA	1084				
TOTAL		3026				
DESCRIPTION	LOT AREA SQFT	ALLOWABLE PERCENTAGE	ALLOWABLE SQFT	ACTUAL SQFT	ACTUAL PERCENTAGE	
BUILDING AREA	5529	NO MAX*	NO MAX*	3026	54%	
LOT COVERAGE	5529	40%	2211.6	1942	35%	
SETBACK	KS:					
		REQUIRED		PROPOSED	)	
		1ST FLOOR	2ND FLOOR	1ST FLOOR	2ND FLOOR	
LEFT		5'	8'	5'	8'4"	
RIGHT		5.86'	8.86'	8'9"	16'6"	
FRONT		20'	25'	20'	25'6"	
REAR		20'	20'	20'1"	21'1"	

**GENERAL NOTES:** 

DISCREPANCIES PRIOR TO STARTING WORK

MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE 2013 CRC CODE, LATEST ADDITION, AS WELL AS ALL APPLICABLE STATE AND LOCAL ORDINANCES AS ADOPTED BY THE CONTROLLING JURISDICTION LIMITED TO, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, AND SHORING FOR THE STRUCTURE.

4. IN NO CASE SHALL DIMENSIONS BE SCALED FROM DRAWINGS AND/OR DETAILS. ANY DISCREPANCIES FOUND WITHIN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD FOR CLARIFICATION PRIOR TO PROCEEDING. ANY WORK INSTALLED PRIOR TO AND/OR IN CONFLICT WITH SUCH CLARIFICATION SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER.

5. THE PRECISE DIMENSIONS AND LOCATIONS OF ALL DOOR AND WINDOW OPENINGS, INTERIOR AND EXTERIOR WALLS SHALL BE DETERMINED FROM THE ARCHITECTURAL DRAWINGS. OTHER FLOOR, WALLAND ROOF OPENINGS AS REQUIRED FOR MECHANICAL, ELECTRICAL AND/OR SIMILAR REQUIREMENTS SHALL BE VERIFIED FROM SHOP DRAWINGS, EQUIPMENT DATA, ETC. AS REQUIRED. 6. FLOOR AND WALL OPENINGS, SLEEVES, VARIATIONS IN STRUCTURAL SLAB ELEVATIONS, DEPRESSED AREAS, AND ALL OTHER ARCHITECTURAL. MECHANICAL, ELECTRICAL, AND/OR CIVIL REQUIREMENTS MUST BE COORDINATED BEFORE THE CONTRACTOR PROCEEDS WITH CONSTRUCTION.

7. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION AND COORDINATION WITH ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL PLUMBING. FIRE SPRINKLER DRAWINGS. AND ALL OTHER RELATED DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION OF ALL WORK. INCLUDING THAT OF THE SUBTRADES

8. IN ALL CASES WHERE A CONFLICT MAY OCCUR SUCH AS BETWEEN ITEMS INCLUDED IN THE SPECIFICATIONS AND NOTES ON THE DRAWINGS. OR BETWEEN GENERAL NOTES AND SPECIFIC DETAILS. THE ENGINEER OF RECORD SHALL BE NOTIFIED AND HE WILL INTERPRET THE INTENT OF THE CONTRACT DOCUMENTS.

9. ALL MATERIALS SHALL BE FURNISHED AS SHOWN HEREIN UNLESS ALTERNATES ARE APPROVED IN WRITING BY THE OWNER AND THE ENGINEER OF RECORD.

10. ANY REFERENCE TO THE WORDS APPROVED. OR APPROVAL IN THESE DOCUMENTS SHALL BE DEFINED TO MEAN GENERAL ACCEPTANCE OR REVIEW AND SHALL NOT RELIEVE THE CONTRACTOR AND/OR HIS SUBCONTRACTORS OF ANY LIABILITY IN FURNISHING THE REQUIRED MATERIALS OR LABOR SPECIFICATION.

11. WHERE A DETAIL. SECTION OR NOTE IS SHOWN FOR ONE CONDITION. IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS UNLESS NOTED OTHERWISE. DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES UNLESS SPECIFICALLY INDICATED OTHERWISE. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO LIKE CASES OF CONSTRUCTION. 12. CONNECTIONS OF ALL ITEMS SUPPORTED BY THE STRUCTURE ARE THE RESPONSIBILITY OF THE DISCIPLINES WHO MAKE THESE ATTACHMENTS. REVIEW AND COORDINATE ALL THE REQUIREMENTS IN THE ARCHITECTS PROJECT SPECIFICATION AS APPLICABLE. 13. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES. WHETHER INDICATED ON THE CONTRACT DRAWING OR NOT, AND TO PROTECT THEM FROM DAMAGE. REPAIR AND REPLACEMENT OF SAID WORK SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

14. VIBRATIONAL EFFECTS OF MECHANICAL AND/OR ANY OTHER EQUIPMENT HAVE NOT BEEN CONSIDERED BY THE ENGINEER OF RECORD.

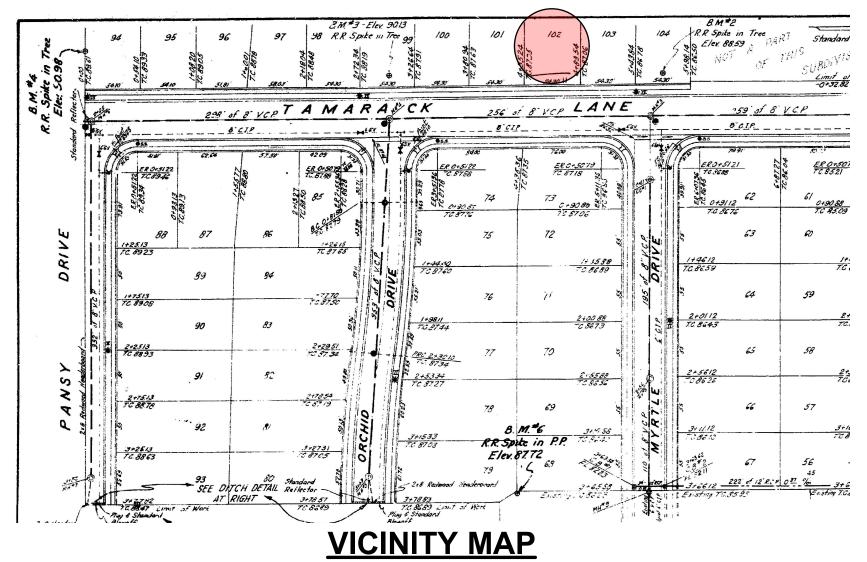
15. UNLESS NOTED OTHERWISE, ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE TO THE TOP OF BEAMS AND FOUNDATIONS. BEAMS DENOTED AS "DROP" HAVE THE TOP OF BEAM AT THE HEIGHT OF THE TOP PLATE. BEAMS DENOTED AS "FLUSH" HAVE THE BOTTOM OF BEAM AT THE HEIGHT OF THE TOP PLATE, U.N.O.

16. PRIOR TO OCCUPANCY OF THE BUILDING, PROVIDE A LETTER FROM THE CERTIFIED GREENPOINT RATER THAT VERIFIES COMPLIANCE WITH THE CHECKLIST AND THE MINIMUM REQUIRED POINTS WERE ACHIEVED.

17. A PROPERTY LINE SURVEY WILL BE COMPLETED BY A LICENSED SURVEYOR AND PROVIDED TO THE BUILDING INSPECTOR PRIOR TO FOUNDATION INSPECTION.

18. A BUILDING HEIGHT VERIFICATION WILL BE COMPLETED BY A LICENSED SURVEYOR AND PROVIDED TO THE BUILDING INSPECTOR PRIOR TO ROOF NAIL INSPECTION.

**19. INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL** BE PROVIDED TO THE BUILDING INSPECTOR AT ROUGH INSPECTION. (2013 CMC 303.1 AND 2013 CPC 309.4)



## **CODE EDITIONS:**

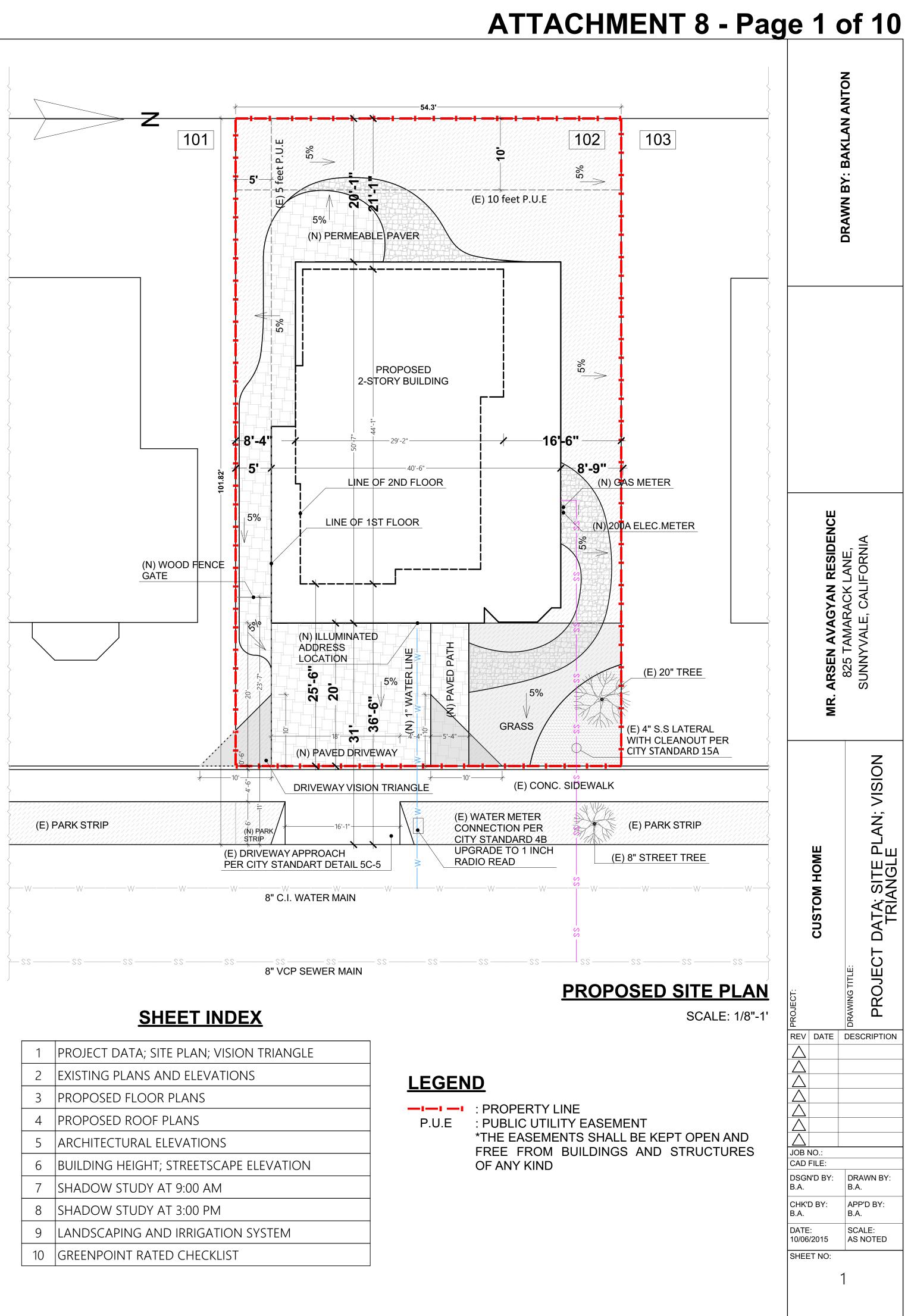
2013 CALIFORNIA BUILDING CODE 2013 CALIFORNIA RESIDENTIAL CODE 2013 CALIFORNIA ADMINISTRATIVE CODE 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE 2013 CALIFORNIA MECHANICAL CODE 2013 CALIFORNIA PLUMBING CODE 2013 CALIFORNIA ELECTRICAL CODE 2013 CALIFORNIA FIRE CODE 2012 INTERNATIONAL PROPERTY MAINTENANCE CODE 2013 TITLE 24, PART 6, CALIFORNIA ENERGY CODE 2013 TITLE 24, HANDICAPPED ACCESSIBILITY REGULATIONS SUNNYVALE MUNICIPAL CODE (SMC) TITLE 19, CALIFORNIA CODE OF REGULATIONS

SUNNYVALE FIRE PREVENTION **PROCEDURES/REQUIREMENTS** 

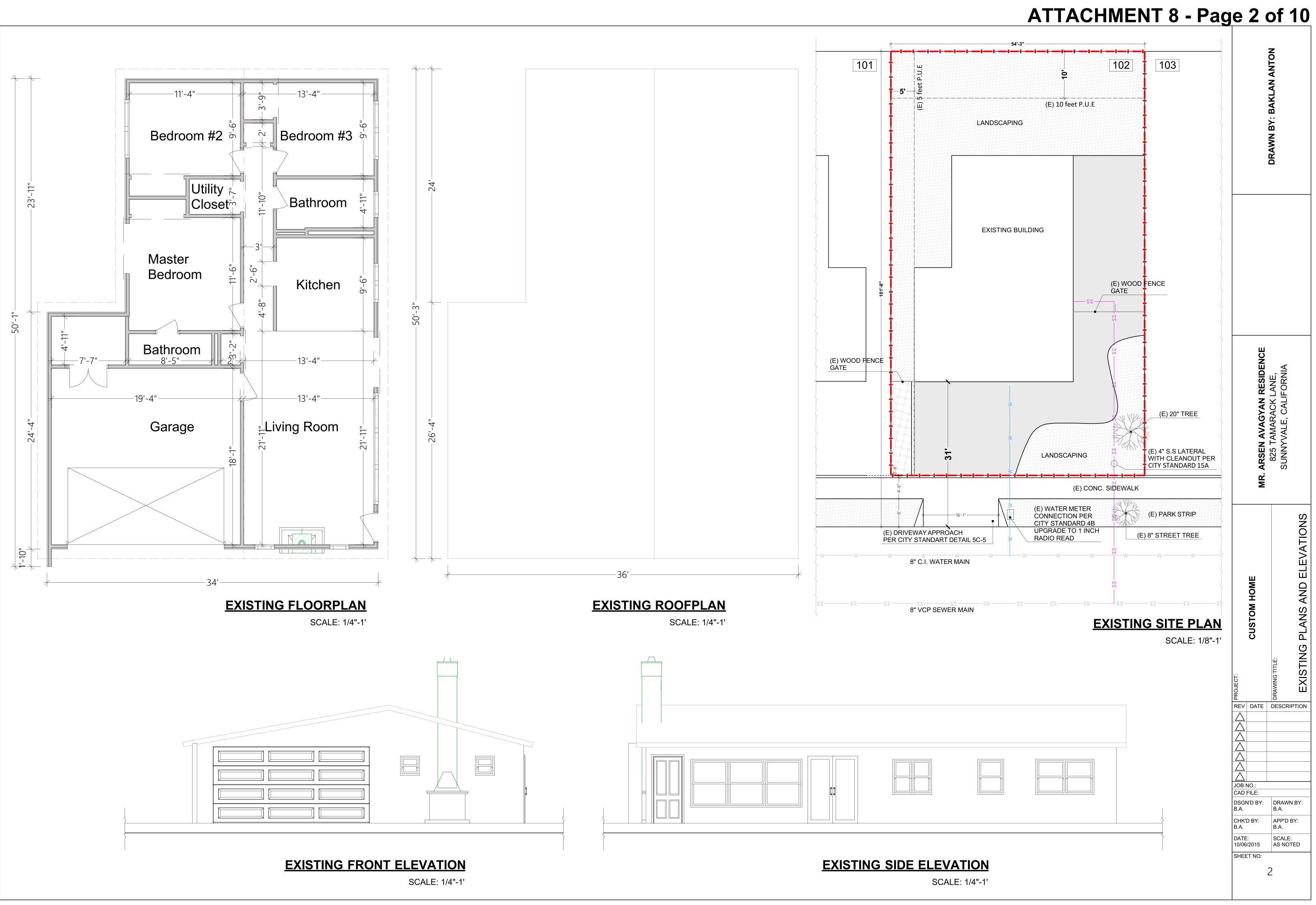
1. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL GRADES, DIMENSIONS, ELEVATIONS AND CONDITIONS AT THE JOB SITE PRIOR TO BIDDING AND COMMENCING CONSTRUCTION. CROSS CHECK ALL DETAILS AND DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH RELATED REQUIREMENTS ON THE ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND CIVIL DRAWINGS AND NOTIFY THE ENGINEER OF RECORD OF ANY

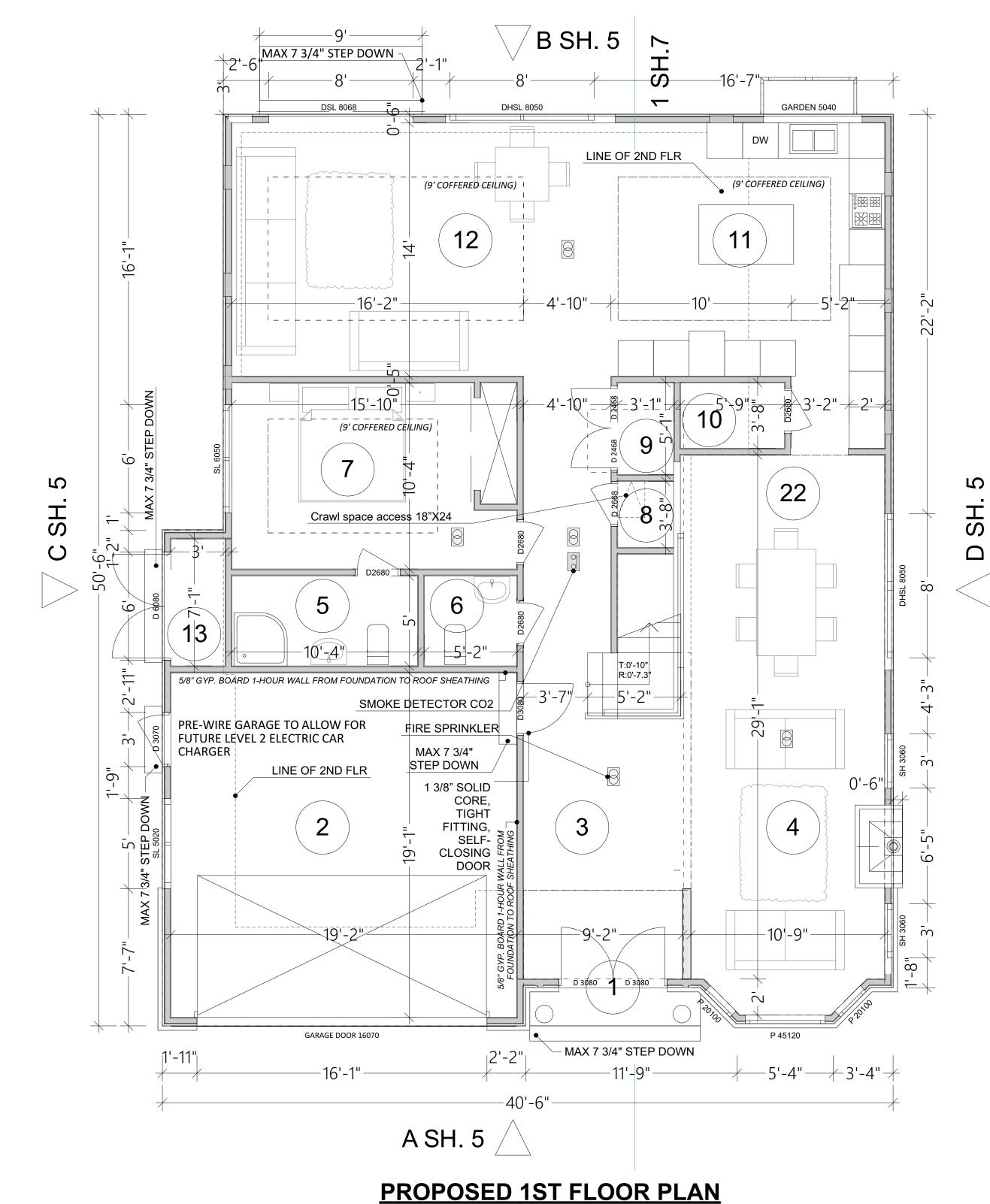
2. EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE NOTED OR SHOWN IN THE PLANS OR SPECIFICATIONS, ALL PHASES OF WORKMANSHIP AND

3. THE CONTRACT DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE STRUCTURE SHOWN ON THESE DRAWINGS IS STRUCTURALLY SOUND ONLY IN THE COMPLETED FORM. GENERAL CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, WORKMEN, AND OTHER PERSONS DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT ARE NOT



1	PROJECT DATA; SITE PLAN; VISION TRIANGLE
2	EXISTING PLANS AND ELEVATIONS
3	PROPOSED FLOOR PLANS
4	PROPOSED ROOF PLANS
5	ARCHITECTURAL ELEVATIONS
6	BUILDING HEIGHT; STREETSCAPE ELEVATION
7	SHADOW STUDY AT 9:00 AM
8	SHADOW STUDY AT 3:00 PM
9	LANDSCAPING AND IRRIGATION SYSTEM
10	GREENPOINT RATED CHECKLIST





## **GENERAL NOTES:**

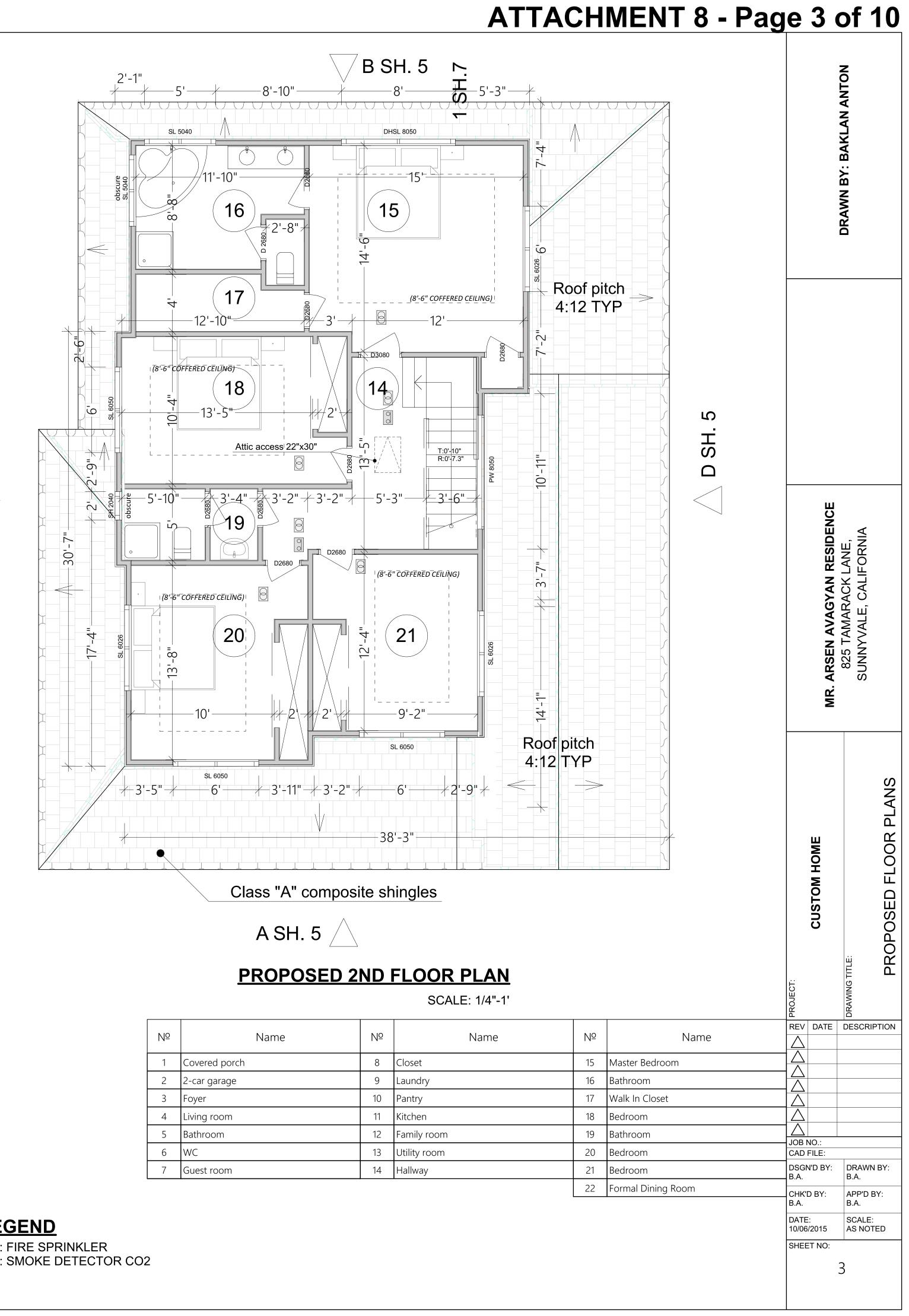
- ALL WINDOWS MUST HAVE DUAL GLASS PANE. DRYER VENT DUCT SHALL BE 4" (102 MM) WITH A MAXIMUM RUN OF 14' (4267 MM), INCLUDING TWO 90-DEGREE ELBOWS [2013 CMC 504.3.1.2], AND SHALL HAVE A BACK DRAFT DAMPER. [2013 CMC 504.1] DRYER VENTS MUST TERMINATE AT THE EXTERIOR. CLOTHES DRYER EXHAUST DUCTS, SHALL TERMINATE 3' FROM PROPERTY LINES AND 3'
- FROM ANY OPENINGS INTO THE BUILDING. [2013 CMC 504.5] • THE WINDOWS AT BEDROOMS SHALL BE EGRESS WINDOWS. THE MINIMUM NET CLEAR OPENABLE AREA OF THE WINDOW SHALL TOTAL 5.7 SQUARE FEET WITH A MINIMUM NET CLEAR OPENABLE HEIGHT OF 24 INCHES AND MINIMUM NET CLEAR OPENABLE WIDTH OF 20 INCHES. [2013 CRC SECTION R310]
- A HOSE BIBB WITH ANTI-BACK-FLOW DEVICE IS REQUIRED AT FRONT AND REAR OF THE SHOWER: HOUSE. PER TITLE 24 CALCULATIONS, R-38 INSULATION IS REQUIRED IN ATTIC.
- ALL UNDER-FLOOR CLEANOUTS SHALL BE EXTENDED TO THE EXTERIOR OF THE BUILDING IF LOCATED MORE THAN 20' FROM THE UNDER-FLOOR ACCESS. [2013 CPC 707.091
- A NON-REMOVABLE BACKFLOW PREVENTER OR BIBB-TYPE VACUUM BREAKER WILL BE INSTALLED ON ALL EXTERIOR HOSE BIBS. [2013 CPC 603.5.7] THE KITCHEN VENT-A-HOOD SHALL VENT TO THE OUTSIDE OF THE BUILDING, OR
- PROVIDE OTHER KITCHEN EXHAUST TO COMPLY WITH 2013 ENERGY STANDARD. THE EXTERIOR LANDING FOR ALL IN-SWINGING OR SLIDING DOORS SHALL NOT BE
- MORE THAN 7-3/4" FROM TOP OF THRESHOLD. [2013 CRC SECTION R311.3.2] 10. UPPER CABINETS SHALL BE A MINIMUM OF 30" ABOVE COOKING TOP OR A HOOD IS TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS WITH CLEARANCES AS REQUIRED • THE ATTIC ACCESS SHALL BE A MINIMUM OF 22" X 30". A THIRTY-INCH MINIMUM CLEAR HEAD BY THE RANGE/COOK TOP MANUFACTURER'S INSTALLATION INSTRUCTIONS. [2013 CMC 916.1(B)]
- 11. THE AIR CONDITIONING REFRIGERANT LINES MUST BE PROTECTED FROM UV DETERIORATION. (2013 CALIFORNIA ENERGY CODE 150M9) 12 ALL JOINTS AND SEAMS OF DUCT SYSTEMS SHALL BE SEALED MATERIAL MEETING THE ULI81 STANDARD. (CALIFORNIA ENERGY CODE 150M2D)

BATHROOM NOTES:

- INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE.
- BATH TUB: MAXIMUM HOT WATER TEMP DISCHARGING FROM THE BATHTUB AND WHIRLPOOL BATHTUB FILLER SHALL BE LIMITED TO 120 DEG F.
- ULTRA LOW FLUSH TOILET (1.28 GALLONS/FLUSH) AT ALL NEW BATHROOMS (CPC 2013 SECTION 402.2.1)
- FINISH BACKING MATERIAL AND WATERPROOFED MATERIAL AT SHOWER/BATHTUB WALL SHALL BE CEMENTITOUS MATERIAL OR GUPSUM BOARD APPROVED FOR THIS INSTALLATION. WATER RESISTANT GYPSUM BOARD UNDER GLUE-ON TILE IS NOT ALLOWED.
- SHOWER DOORS MUST BE AT LEAST 22" WIDE [2013 CPC 408.5]. [2013 CRC SECTION 307.2]
- 308.4.51 6 THE BATHTUB WASTE OPENING IN THE FLOOR OVER THE CRAWL SPACE SHALL BE PROTECTED BY A METAL COLLAR OR SCREEN NOT EXCEEDING 1/2" OR A SOLID COVER. (2013 CPC 312.12.3)

VENTILATION NOTES:

- -A MINIMUM OF 1" AIR SPACE SHALL BE PROVIDED BETWEEN THE INSULATION AND THE ROOF SHEATHING WITH ADEQUATE CROSS VENTING FOR VAULTED CEILING. ROOM SHALL BE PROVIDED ABOVE THE ATTIC ACCESS. ATTIC ACCESS SHALL BE LOCATED AT A READILY ACCESSIBLE LOCATION.
- MECHANICAL VENTILATION IS NOT LESS THAN 6 AIR CHANGES PER HOUR TYPE. THE POINT OF DISCHARGE OF EXHAUST AIR SHALL BE AT LEAST 3 FEET FROM ANY OPENING INTO THE BUILDING. THE EXHAUST VENT SHALL BE EQUIPPED WITH BACK-DRAFT
- DAMPER TO COMPLY WITH ENERGY REGULATIONS. (CRC 2013 SECTION R806). 4 IF AIR DUCTS WILL BE INSTALLED IN AN UNDER-FLOOR CRAWL SPACE, THEY SHALL NOT PREVENT ACCESS TO THE CRAWL SPACE AND SHALL MAINTAIN A MINIMUM 4" VERTICAL CLEARANCE FROM EARTH. (2013 CMC 604.1 AND 604.2)



SCALE: 1/4"-1'

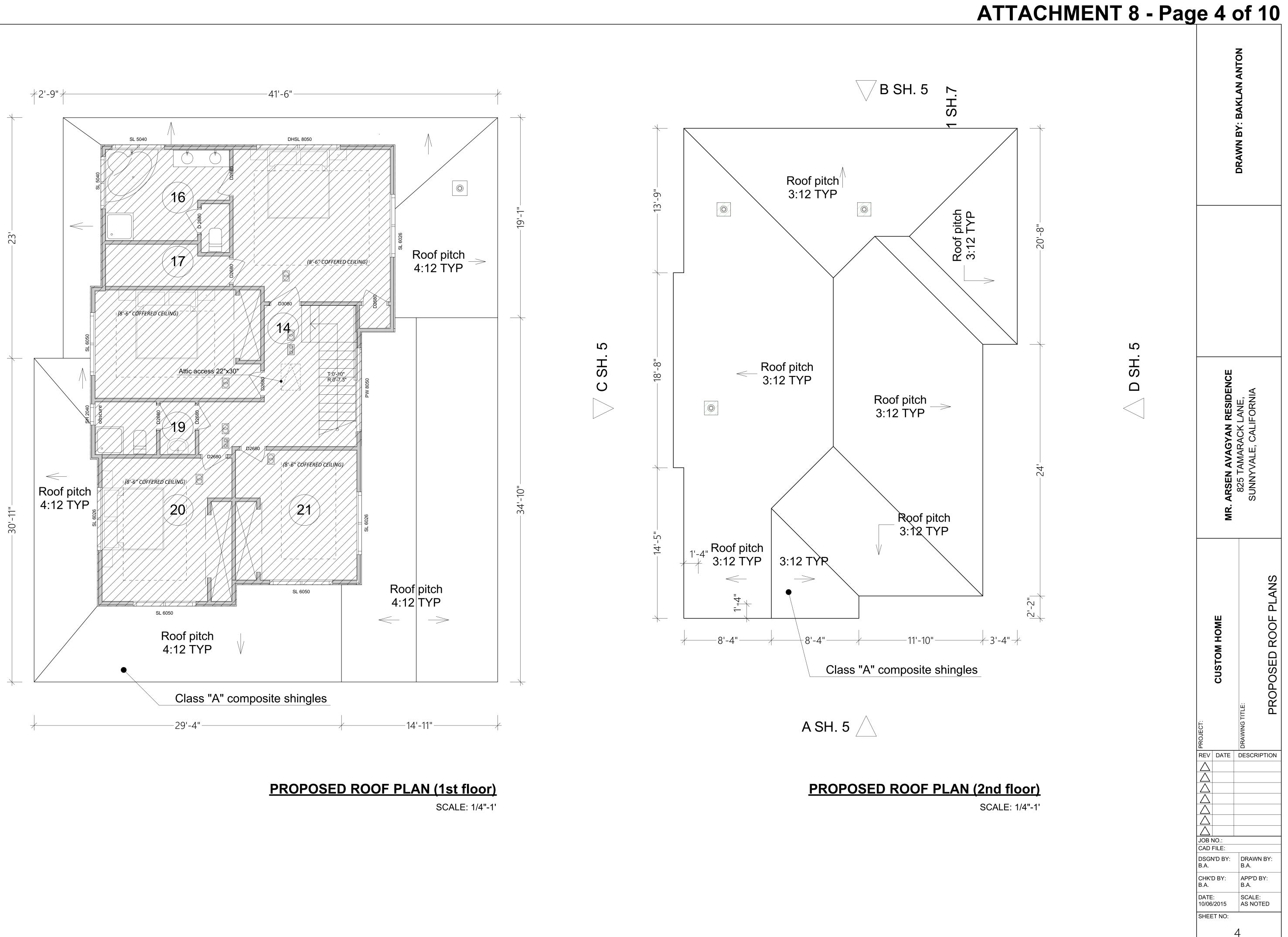
WATER HEATER NOTES: 1. SHOWER AND TUB/SHOWER COMBINATION IN ALL BUILDINGS SHALL BE PROVIDED WITH 1. THE WATER HEATER WILL HAVE TWO SEISMIC STRAPS; ONE LOCATED WITHIN THE TOP 1/3 OF THE WATER HEATER UNIT AND ONE AT THE BOTTOM 1/3. THE BOTTOM STRAP MUST BE LOCATED AT LEAST 4" AWAY FROM THE WATER HEATER CONTROLS. (2013 CPC 507.2) 2 THE WATER HEATERS PRESSURE/TEMPERATURE (P/T) RELIEF VALVE SHALL BE GALVANIZED STEEL, HARD-DRAWN COPPER, OR CPVC. THE VALVE SHALL BE DRAINED TO THE EXTERIOR OF THE BUILDING, TERMINATE TOWARD THE GROUND MAINTAINING BETWEEN 6" AND 24" OF CLEARANCE FROM THE GROUND, AND POINT DOWNWARD. THE DIAMETER OF THE VALVE OPENING (GENERALLY 3/4") MUST BE MAINTAINED TO THE TERMINATION OF THE DRAIN. [2013 CPC 507.5 AND 608.5] • THE ENTIRE LENGTH.OF HOT WATER PIPES SHALL BE INSULATED. [2013 CALIFORNIA ENERGY CODE SECTION 150 (J)] • THE HOT WATER PIPE FROM THE WATER HEATER TO THE KITCHEN WILL BE INSULATED. [2013 CALIFORNIA ENERGY CODE SECTION 150 (J)] • SHOWERS MUST HAVE WATERPROOF WALL FINISH UP AT LEAST 70" ABOVE THE FLOOR. 5 ALL PLUMBING VENTS SHALL TERMINATE NOT LESS THAN 6'1 ABOVE ROOF NOR LESS THAN 1' FROM ANY VERTICAL SURFACE. VENTS SHALL TERMINATE NOT LESS THAN ICY FROM OR • GLASS SHOWER AND TUB ENCLOSURE MUST BE SAFETY GLAZING.[2013 CRC SECTION 3' ABOVE ANY WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT NOR 3' FROM LOT LINE. (2013 CPC 906). 6 IF THE WATER PRESSURE EXCEEDS 80 PSI, AND EXPANSION TANK AND AN APPROVED PRESSURE REGULATOR SHALL BE INSTALLED. (2013 CPC 608.2)

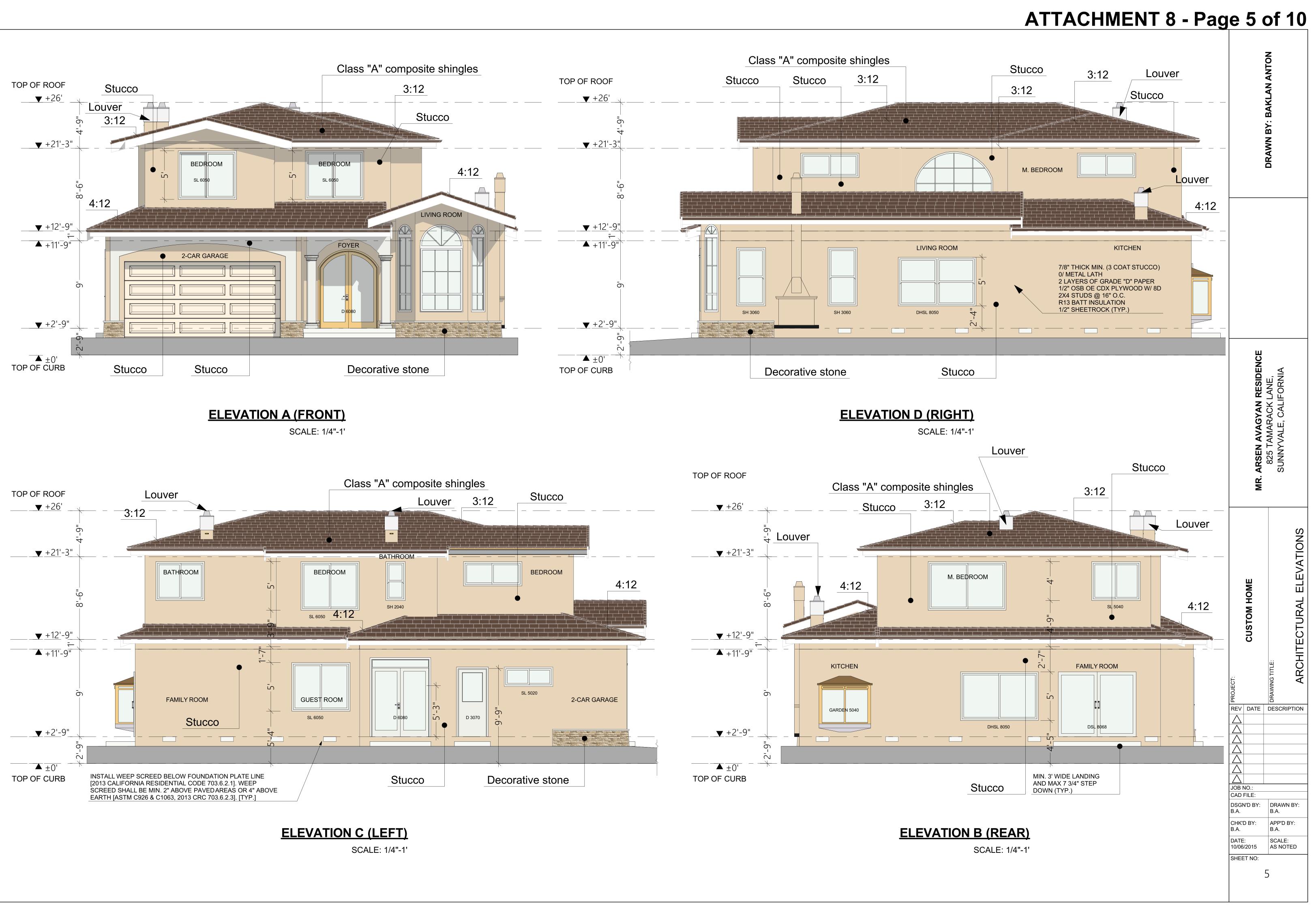
**LEGEND** : FIRE SPRINKLER

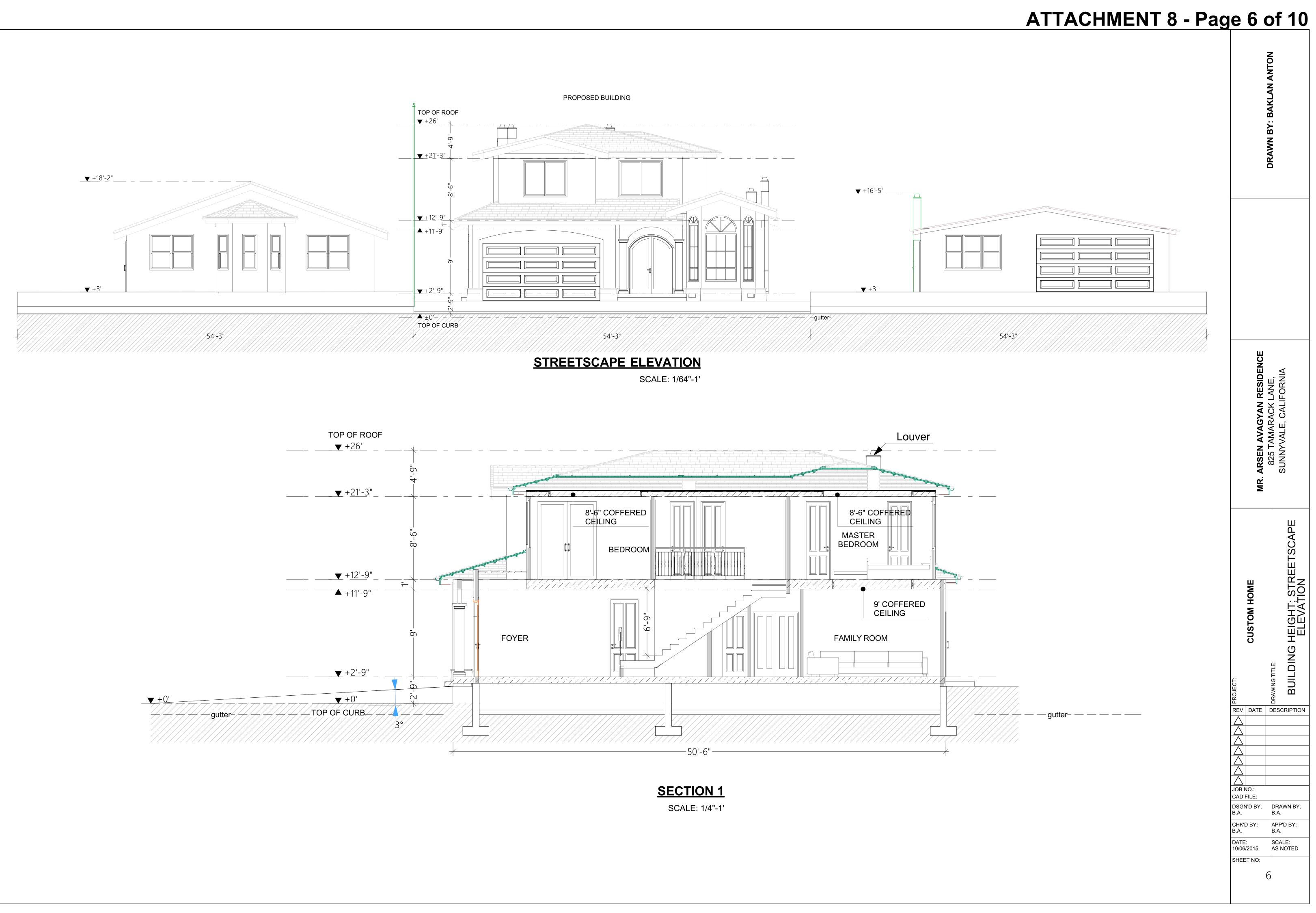
S

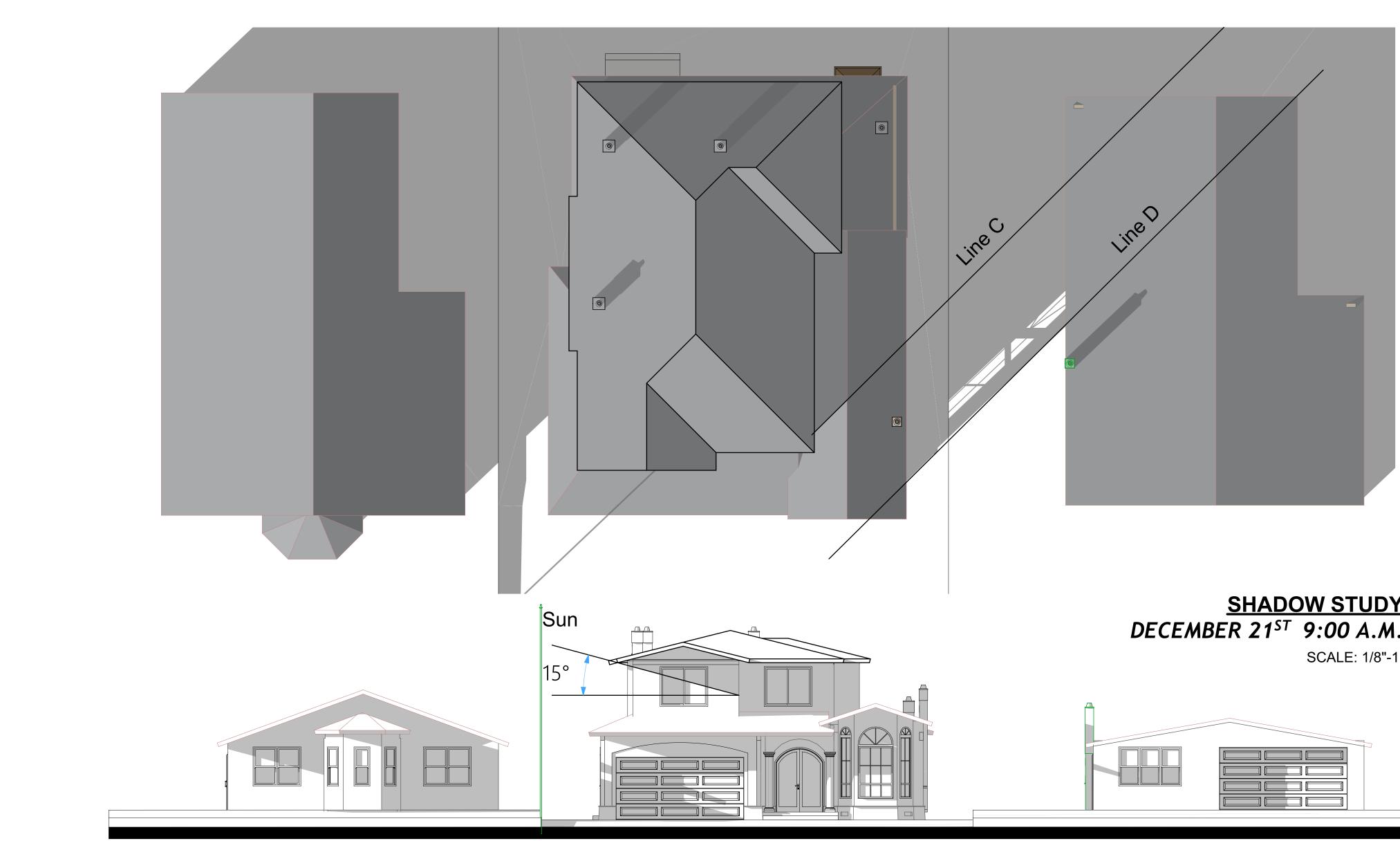
SH

 $\mathbf{O}$ 

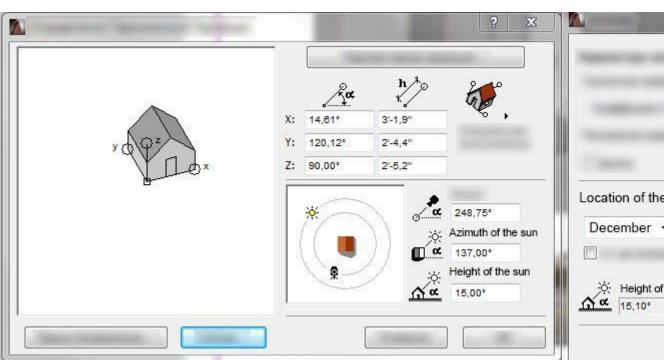




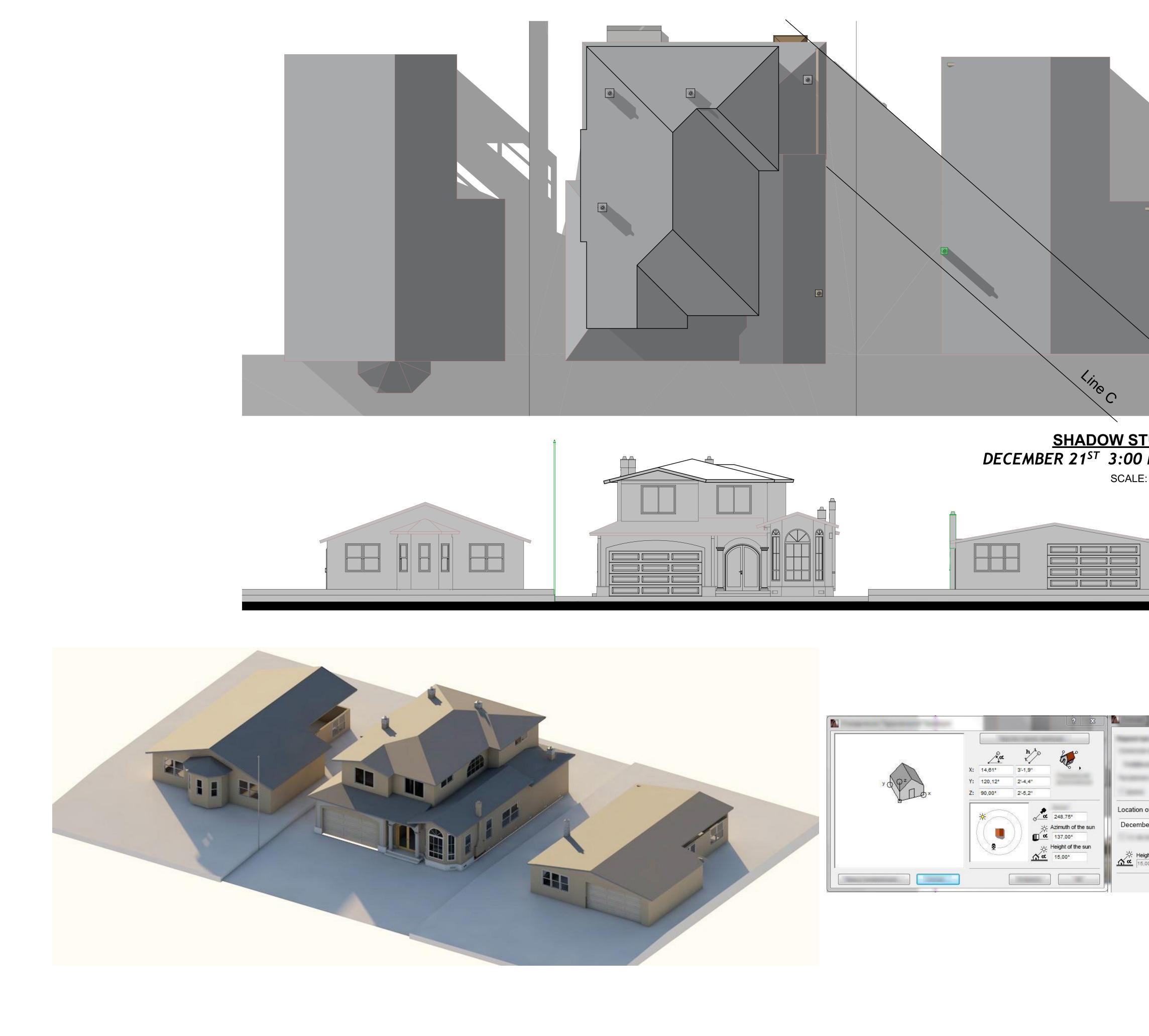




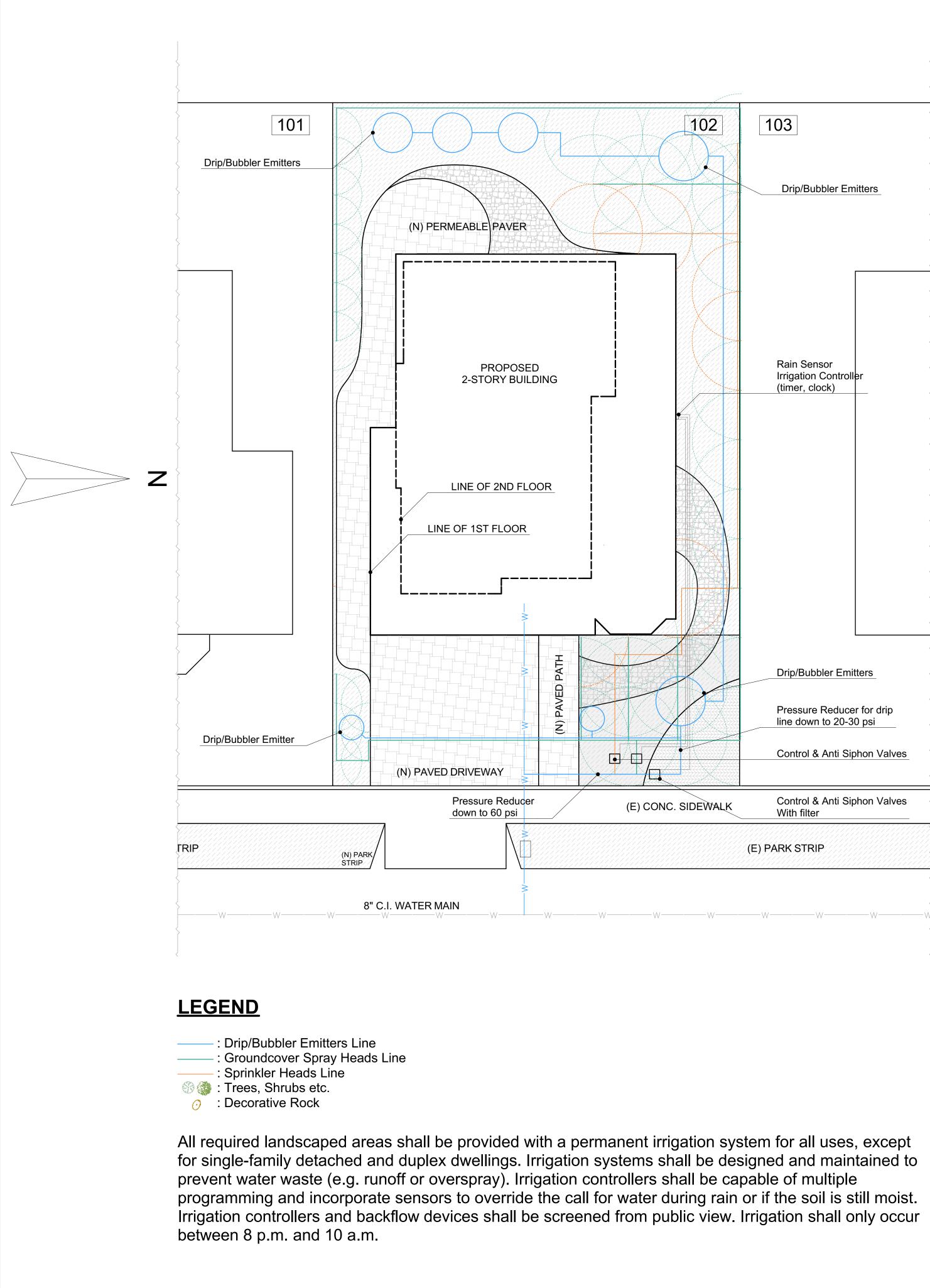


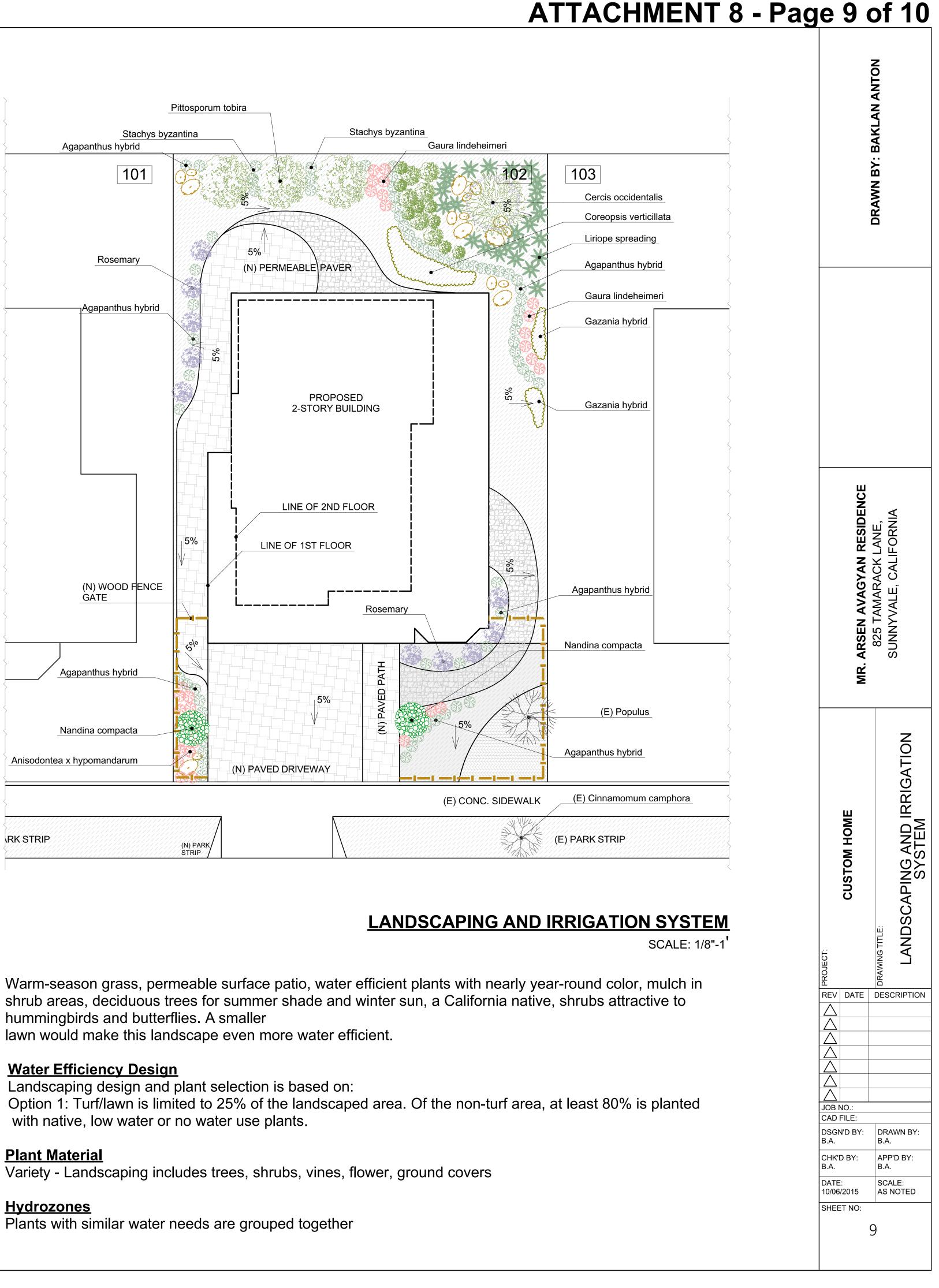


	DRAWN BY: BAKLAN ANTON
Z	
<ul> <li>NO SHADED AREA</li> <li>TOTAL ROOF AREA: 1517 S.F.</li> <li>' PERCENTAGE = 0 %</li> </ul>	MR. ARSEN AVAGYAN RESIDENCE 825 TAMARACK LANE, SUNNYVALE, CALIFORNIA
80       %         30       %         20       %         20       %         *       21         9       hr         +       21	REV DATE DESCRIPTION
the sun Azimuth of the sun Azimu	△       △         △       △         △       △         △       □         JOB NO.:       □         CAD FILE:       □         DSGN'D BY:       DRAWN BY:         B.A.       B.A.         CHK'D BY:       B.A.         B.A.       B.A.         DATE:       10/06/2015         SHEET NO:       7



	ATTACHMENT 8 - Pag	ge 8 of 10			
TUDY   NO SHADED AREA   TAL ROOF AREA: 1517 S.F.   ET 18'-1		DRAWN BY: BAKLAN ANTON			
B0 96 30 96 30 96 20 96 1 15 m hr 0 mmin € Height of the sun * Azimuth of the sun	Image: No shaded area total roof area: 1517 s.f.         P.M.	MR. ARSEN AVAGYAN RESIDENCE 825 TAMARACK LANE, SUNNYVALE, CALIFORNIA			
	$\begin{array}{c} 80 & \hline 9^{6} \\ 30 & \hline 9^{6} \\ 20 & \hline 9^{6} \\ \hline 20 & \hline 9^{6} \\ \hline \end{array}$ of the sun $\begin{array}{c} \\ ber & 21 & \hline 15 & hr & 0 & min \\ \hline \end{array}$ $\begin{array}{c} \\ \hline \end{array}$	JOUCE LE ACTIES         JOURE LE ACTIES         INNAVIO         INNOVIO         INNOVIO			







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 (6), Resources (6), and Water (6); and meet the prerequisites CALGreen Mandatory, H6.1, J5.1, O1, O7.

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 Build It Green is not a code enforcement agency.

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

0\_\_\_\_

1

		-
	MEASURES	
LGreen Yes	CALGreen Res (REQUIRED)	
SITE TBD	A1. Construction Footprint	
TBD	A2. Job Site Construction Waste Diversion A2.1 65% C&D Waste Diversion(Including Alternative Daily Cover)	
TBD TBD	A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover) A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility	
TBD	A3. Recycled Content Base Material	
TBD TBD	A4. Heat Island Effect Reduction (Non-Roof) A5. Construction Environmental Quality Management Plan Including Flush-Out	
TBD	A6. Stormwater Control: Prescriptive Path A6.1 Permeable Paving Material	
TBD TBD	A6.2 Filtration and/or Bio-Retention Features A6.3 Non-Leaching Roofing Materials	
TBD	A6.4 Smart Stormwater Street Design	
TBD FOUNDATION	A7. Stormwater Control: Performance Path	
TBD TBD	B1. Fly Ash and/or Slag in Concrete B2. Radon-Resistant Construction	
TBD TBD	B3. Foundation Drainage System B4. Moisture Controlled Crawlspace	
	B5. Structural Pest Controls	
TBD TBD	B5.1 Termite Shields and Separated Exterior Wood-to-Concrete Connections B5.2 Plant Trunks, Bases, or Stems at Least 36 Inches from the Foundation	
LANDSCAPE	Enter the landscape area percentage	
Yes TBD	C1. Plants Grouped by Water Needs (Hydrozoning)	
	C2. Three Inches of Mulch in Planting Beds C3. Resource Efficient Landscapes	
Yes Yes	C3.1 No Invasive Species Listed by Cal-IPC C3.2 Plants Chosen and Located to Grow to Natural Size	
Yes	C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other	
	Appropriate Species	
Yes	C4. Minimal Turf in Landscape C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in	
TBD	Areas Less Than Eight Feet Wide C4.2 Turf on a Small Percentage of Landscaped Area	
TBD	C5. Trees to Moderate Building Temperature	
Yes TBD	C6. High-Efficiency Irrigation System C7. One Inch of Compost in the Top Six to Twelve Inches of Soil	
TBD TBD	C8. Rainwater Harvesting System C9. Recycled Wastewater Irrigation System	
TBD TBD	C10. Submeter or Dedicated Meter for Landscape Irrigation	
	C11. Landscape Meets Water Budget C12. Environmentally Preferable Materials for Site	
TBD	C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing	
TBD Yes	C13. Reduced Light Pollution C14. Large Stature Tree(s)	
TBD TBD	C15. Third Party Landscape Program Certification	
	C16. Maintenance Contract with Certified Professional RAME AND BUILDING ENVELOPE	
TBD	D1. Optimal Value Engineering D1.1 Joists, Rafters, and Studs at 24 Inches on Center	
TBD TBD	D1.2 Non-Load Bearing Door and Window Headers Sized for Load D1.3 Advanced Framing Measures	
TBD	D2. Construction Material Efficiencies	
TBD	D3. Engineered Lumber D3.1 Engineered Beams and Headers	
TBD TBD	D3.2 Wood I-Joists or Web Trusses for Floors D3.3 Enginered Lumber for Roof Rafters	
TBD TBD	D3.4 Engineered or Finger-Jointed Studs for Vertical Applications	
TBD	D3.5 OSB for Subfloor D3.6 OSB for Wall and Roof Sheathing	
TBD	D4. Insulated Headers D5. FSC-Certified Wood	
TBD TBD	D5.1 Dimensional Lumber, Studs, and Timber D5.2 Panel Products	
	D6. Solid Wall Systems	
TBD TBD	D6.1 At Least 90% of Floors D6.2 At Least 90% of Exterior Walls	
TBD TBD	D6.3 At Least 90% of Roofs D7. Energy Heels on Roof Trusses	
TBD	D8. Overhangs and Gutters	
TBD	D9. Reduced Pollution Entering the Home from the Garage           D9.1 Detached Garage	
Yes	D9.2 Mitigation Strategies for Attached Garage D10. Structural Pest and Rot Controls	
TBD	D10.1 All Wood Located At Least 12 Inches Above the Soil	
TBD	D10.2 Wood Framing Treated With Borates or Factory-Impregnated, or Wall Materials Other Than Wood	
Yes	D11. Moisture-Resistant Materials in Wet Areas (such as Kitchen, Bathrooms, Utility Rooms, and Basements)	
TBD	E1. Environmentally Preferable Decking E2. Flashing Installation Third-Party Verified	
TBD TBD	E3. Rain Screen Wall System E4. Durable and Non-Combustible Cladding Materials	
TBD	E5.1 Durable and Fire Resistant Roofing Materials or Assembly	
TBD	E5.1 Durable and Fire Resistant Rooting Materials of Assembly E6. Vegetated Roof	
NSULATION	F1. Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content	
TBD TBD	F1.1 Walls and Floors F1.2 Ceilings	
	F2. Insulation that Meets the CDPH Standard Method—Residential for	
TBD	Low Emissions           F2.1 Walls and Floors	
TBD	F2.2 Ceilings F3. Insulation That Does Not Contain Fire Retardants	
TBD	F3.1 Cavity Walls and Floors	
TBD TBD	F3.2 Ceilings F3.3 Interior and Exterior	
PLUMBING	G1. Efficient Distribution of Domestic Hot Water	
Yes TBD	G1.1 Insulated Hot Water Pipes	
TBD	G1.2 WaterSense Volume Limit for Hot Water Distribution G1.3 Increased Efficiency in Hot Water Distribution	
	G2. Install Water-Efficient Fixtures	
Yes	G2.1 WaterSense Showerheads with Matching Compensation Valve	

Points Achieved: Certification Level:		
d Commu Energy IAQ/H	ea Resourc Water	NOTES
Possible F		NOTES
	1	
	2 2 1	
1 1 1	1	
	1	
1	1 3	
2	1	
	2	
	1	
	1	
	1 1	
	3	
	2	
	2 2 1 2 2 2 2 3 3 1	
	3 1 2 2	
1 1 1	1 	
	1	
1	2 1 2	
	1	
	1 1 1	
1	0,5 0,5	
	6 3	
1 1 1	1 1 1 1	
	1	
2		
1	1 1 1	
	1	
	2 1 1	
2 2		
	1 1	
1		
1	1	
	2	
	1	
	1	

										NO
TBD	G3. Pre-Plumbing for Graywater System						1			N ANTON
TBD TING, VENTILAT	G4. Operational Graywater System ION, AND AIR CONDITIONING H1. Sealed Combustion Units						3			◄
TBD TBD	H1.1 Sealed Combustion Furnace H1.2 Sealed Combustion Water Heater				1					BAKL
TBD	H2. High Performing Zoned Hydronic Radiant Heating System H3. Effective Ductwork			1	1					
Yes Yes Yes	H3.1 Duct Mastic on Duct Joints and Seams H3.2 Pressure Balance the Ductwork System H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified	1 1 1		1	1					8 Z
TBD	H5. Advanced Practices for Cooling H5.1 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms			1						DRAWN BY
Yes TBD	H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality H6.1 Meet ASHRAE 62.2-2010 Ventilation Residential Standards H6.2 Advanced Ventilation Standards	Y	R	R	<b>R</b>	R	R			DR
TBD	H6.3 Outdoor Air Ducted to Bedroom and Living Areas H7. Effective Range Hood Design and Installation				2					
Yes TBD TBD	H7.1 Effective Range Hood Ducting and Design H7.2 Automatic Range Hood Control	1			1					
TBD	H8. No Fireplace or Sealed Gas Fireplace H9. Humidity Control Systems H10. Register Design Per ACCA Manual T			1	1					
Yes WABLE ENERGY	H11. High Efficiency HVAC Filter (MERV 8+)	1			1					
TBD TBD	<ul> <li>I1. Pre-Plumbing for Solar Water Heating</li> <li>I2. Preparation for Future Photovoltaic Installation</li> <li>I3. Onsite Renewable Generation (Solar PV, Solar Thermal, and Wind)</li> </ul>			1 1 25						
TBD	Id. Net Zero Energy Home         Id. 1 Near Zero Energy Home			23						
	I4.2 Net Zero Electric ANCE AND TESTING			4						
TBD Yes TBD	J1. Third-Party Verification of Quality of Insulation Installation J2. Supply and Return Air Flow Testing J3. Mechanical Ventilation Testing and Low Leakage	2		1	1 1 1					
TBD 2013	J4. Combustion Appliance Safety Testing J5. Building Performance Exceeds Title 24 Part 6				1		1			
26,00% [1] TBD TBD	J5.1 Home Outperforms Title 24 Part 6 J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst J7. Participation in Utility Program with Third-Party Plan Review	57		60 1 1				_		
TBD No	J7. Participation in Utility Program with Third-Party Plan Review J8. ENERGY STAR for Homes J9. EPA Indoor airPlus Certification	0		1	1					
TBD SHES	J10. Blower Door Testing				2					
Yes Yes	K1. Entryways Designed to Reduce Tracked-In Contaminants       K1.1 Individual Entryways         K2. Zero-VOC Interior Wall and Ceiling Paints	1 2			1					
Yes	K3. Low-VOC Caulks and Adhesives K4. Environmentally Preferable Materials for Interior Finish	1			1				Щ	
TBD TBD TBD	K4.1 Cabinets K4.2 Interior Trim K4.3 Shelving					2 2 2			RESIDENCE	Ā
TBD TBD	K4.4 Doors K4.5 Countertops					2				LANE, IFORNIA
TBD TBD	K5. Formaldehyde Emissions in Interior Finish Exceed CARB K5.1 Doors				1					
TBD	K5.2 Cabinets and Countertops K5.3 Interior Trim and Shelving K6. Products That Comply With the Health Product Declaration Open Standard				2 2 2				AN	ACK CAL
TBD No	K7. Indoor Air Formaldehyde Level Less Than 27 Parts Per Billion K8. Comprehensive Inclusion of Low Emitting Finishes	0			2 1				AVAGY	$\sim$ .
ORING ≥75% ≥75% TBD	L1. Environmentally Preferable Flooring L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential L3. Durable Flooring	3 3			3	3				5 TAMAF NYVALE
TBD LIANCES AND L TBD	L4. Thermal Mass Flooring IGHTING M1. ENERGY STAR® Dishwasher			1			1			825 T SUNNY
TBD TBD	M2. CEE-Rated Clothes Washer M3. Size-Efficient ENERGY STAR Refrigerator			1 2			2		R. Al	S
TBD TBD	M4. Permanent Centers for Waste Reduction Strategies         M4.1 Built-In Recycling Center         M4.2 Built-In Composting Center					1			Ē	
TBD	M5. Lighting Efficiency									
TBD	M5.1 High-Efficacy Lighting M5.2 Lighting System Designed to IESNA Footcandle Standards or Designed by Lighting Consultant			2						
MUNITY	N1. Smart Development			2						
TBD TBD TBD	N1.1 Infill Site         N1.2 Designated Brownfield Site         N1.3 Conserve Resources by Increasing Density		1 1	2	1	2				
TBD	N1.5 Conserve Resources by increasing Density N1.4 Cluster Homes for Land Preservation N1.5 Home Size Efficiency	5	1	2		1				
2717 5 TBD	Enter the area of the home, in square feet Enter the number of bedrooms		2							
	N2. Home(s)/Development Located Within 1/2 Mile of a Major Transit Stop N3. Pedestrian and Bicycle Access N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services		2						НОМЕ	
TBD	Enter the number of Tier 1 services Enter the number of Tier 2 services		1					_		
TBD	N3.2 Connection to Pedestrian Pathways         N3.3 Traffic Calming Strategies         N4. Outdoor Gathering Places		1 2						WOL	
TBD TBD	N4.1 Public or Semi-Public Outdoor Gathering Places for Residents N4.2 Public Outdoor Gathering Places with Direct Access to Tier 1 Community		1						CUST	
TBD	Services N5. Social Interaction N5.1 Residence Entries with Views to Callers		1	L					Ū	
TBD TBD TBD	N5.2 Entrances Visible from Street and/or Other Front Doors N5.3 Porches Oriented to Street and Public Space		1					_		
TBD	N5.4 Social Gathering Space N6. Passive Solar Design N6.1 Heating Load		1	2						3 TITLE
TBD	N6.2 Cooling Load N7. Adaptable Building			2					OJECT:	DRAWING
TBD TBD ER	N7.1 Universal Design Principles in Units N7.2 Full-Function Independent Rental Unit		1		1				РК	
Yes TBD	O1. GreenPoint Rated Checklist in Blueprints O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors	Y	R	R 0,5	R	R 1	R 0,5		REV DATE	DESCR
TBD TBD	O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs O4. Builder's or Developer's Management Staff are Certified Green Building Professionals			0,5 0,5	0,5	0,5	0,5	—	$\begin{array}{c} \square \\ \square \end{array}$	
TBD	O5. Home System Monitors O6. Green Building Education			0,5	0,5	0,5	0,5		$\Delta$	
Yes TBD Yes	O6.1 Marketing Green Building O6.2 Green Building Signage	2	2	0,5	-		0,5	_	$\begin{array}{c} \triangle \\ \triangle \end{array}$	
Yes TBD	O7. Green Appraisal Addendum O8. Detailed Durability Plan and Third-Party Verification of Plan Implementation	Y	R	R	R	R 1	R		$\square$	
	Summary								JOB NO.:	
	Total Available Points in Specific Categories	342	26	131	54	83	48		JOB NO.: CAD FILE:	
	Minimum Points Required in Specific Categories	50	2	25	6	6	6		DSGN'D BY: B.A.	DRAWI B.A.
	Total Points Achieved	100,0	3,0	62,0	14.0	12.0	9,0		CHK'D BY:	APP'D

10