

GENERAL NOTE:

- DRAWINGS:
- DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY.WHERE NO DIMENSION IS PROVIDED OR WHERE DISCREPANCIESEXIST, CONSULT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
 - OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
 - LARGE SCALE DRAWINGS TAKE PRECEDENCE OVER SMALL SCALE DRAWINGS. WRITTEN SPECIFICATIONS TAKE PRECEDENCE OVER ALL DRAWINGS.
 - IF A CONFLICT EXISTS BETWEEN REFERENCED REGULATORY REQUIREMENTS AND THE CONTRACT DOCUMENTS, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE AND REQUEST THAT THE CONFLICT BE RESOLVED. THE FACT THAT THE CONTRACT DOCUMENTS MAY ESTABLISH HIGHER OR MORE COSTLY REQUIREMENTS THAT THE MINIMUM CODE OR OTHER REGULATORY REQUIREMENTS REFERENCED ABOVE SHALL NOT CONSTITUTE A "CONFLICT".
 - WORK NOT PARTICULARLY DETAILED, MARKED OR SPECIFIED, SHALL BE THE SAME AS SIMILAR WORK THAT IS DETAILED MARKED OR SPECIFIED.
 - NO DEVIATION FROM THE APPROVED DRAWINGS AND SPECIFICATIONS IS PERMITTED WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE ARCHITECTS INTERPRETATION OF THESE DOCUMENTS SHALL BE FINAL.

CONTRACTOR'S RESPONSIBILITIES:

- CONTRACTOR TO PROVIDE ALL WORK AND MATERIALS IN ACCORDANCE WITH THE LATEST REQUIREMENTS AS AMENDED BY ALL STATE AND LOCAL CODES, AND CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, DISABLED ACCESS COMPLIANCE REGULATIONS.
- CONTRACTOR SHALL MAKE SITE INSPECTIONS AND BE RESPONSIBLE FOR ALL NEW AND DEMOLITION WORK, WHETHER DETAILED BY THE SPECIFICATIONS AND DRAWINGS, OR IMPLIED BY EXISTING CONDITIONS.
- ANY DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS, AS CONFLICTS WITH ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTIONS OF THE DESIGNER BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL PROVIDE ALL TEMPORARY SHORING & UNDERPINNING AS NECESSARY, WORK TO BE PERFORMED UNDER SEPARATE PERMIT.
- CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PROVIDE ALL NECESSARY TEMPORARY UTILITY HOOK-UPS FOR ALL EQUIPMENT DURING CONTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTION/CAPPING OFF ALL EXISTING UTILITIES AND RE-CONNECTIONS WHERE RE-USE IS POSSIBLE.
- CONFIRM ALL WINDOW SIZES WITH ACTUAL/ EXISTING ROUGH OPENING DIMENSIONS PRIOR TO ORDERING WINDOWS.
- SLOPE ALL FLOORS/ ROOFS TO DRAIN IN A MINIMUM OF 1/4" PER 1'-0", UNLESS SPECIFICALLY NOTED OTHERWISE.
- CONTRACTOR IS RESPONSIBLE TO PROCURE STATE INDUSTRIAL SAFETY PERMIT FOR ANY WORK OVER 36" IN HEIGHT, INVOLVING EXCAVATION OVER 5' AND AS OTHERWISE REQUIRED.
- CONTRACTOR IS RESPONSIBLE FOR ALL WATERPROOFING DESIGN AND INSTALLATION FOR WEATHERTIGHT ASSEMBLIES/INSTALLATIONS. DETAILS INCLUDED IN THIS SET ARE FOR CLARIFICATION OF INSTALLATION OF FINISH MATERIALS.
- CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL SPECIAL INSPECTIONS, INCLUDING BUT NOT LIMITED TO ORDERING INSPECTIONS AND TESTS AS REQUIRED FOR COMPLIANCE WITH SPECIAL INSPECTIONS/BUILDING PERMIT APPROVALS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING COMPLIANCE WITH ALL SOUND TRANSMISSION REQUIREMENTS PER CBC 1207, INCLUDING STC AND IIC RATINGS OF ASSEMBLIES AND EXTERIOR ASSEMBLY REQUIREMENTS FOR EXTERIOR SOUND TRANSMISSION CONTROL.
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER, WITH THE LEAST POSSIBLE DISTURBANCE TO NEIGHBORING TENANTS.

- CONTRACTOR SHALL PROVIDE DUST COVERS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN THE CONSTRUCTION AREA. BROOM CLEAN ALL AREAS EACH DAY, AND AS NECESSARY THROUGHOUT THE DAY TO MAINTAIN WORK AREA SAFE AND FULLY OPERATIONAL. KEEP DUST AND DEBRIS TO A MINIMUM.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR THE SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
- CONTRACTOR SHALL INFORM THE ARCHITECT & OWNER IN WRITING OF ANY CONDITIONS UNCOVERED IN THE COURSE OF DEMOLITION OR CONSTRUCTION WHICH DEVIATE FROM THE DOCUMENTS, OR WHICH MAY CONSTITUTE A HAZARD DURING OR
- AFTER CONSTRUCTION, THESE CONDITIONS INCLUDE, BUT ARE NOT LIMITED TO, DRY ROT OR DAMAGE TO EXISTING STRUCTURAL MEMBERS, AND FRAMING MEMBER SIZES OR SPACING WHICH DO NOT CORRESPOND WITH THOSE STATED IN THE DOCUMENTS. THE ARCHITECT SHALL PROVIDE WRITTEN DIRECTION AS HOW TO PROCEED IN EACH CASE.
- IF THE CONTRACTOR FINDS IT NECESSARY TO DEVIATE FROM THE DOCUMENTS IN ANY MANNER, THE CONTRACTOR SHALL INFORM THE ARCHITECT OR OWNER IN WRITING AND OBTAIN WRITTEN APPROVAL FOR ANY CHANGES PRIOR TO COMMENCING WITH THE WORK.
- CONTRACTOR TO IMPLEMENT AND MANAGE STORM WATER DRAINAGE DURING CONSTRUCTION AND PREVENT WATER FROM FLOWING INTO NEIGHBORING LOTS.
- ALL PLUMBING, ELECTRICAL & HEATING SYSTEM TO BE DESIGN BUILD BY THE CONTRACTOR.

WATER CONSERVATION REQUIREMENT

- PROVIDE MAXIMUM 1.8 GALLONS PER MINUTE FOR SHOWER HEADS
- PROVIDE MAXIMUM 1.2 GALLONS PER MINUTE FOR LAVATORY FAUCETS
- PROVIDE MAXIMUM 1.28 GALLONS PER FLUSH FOR NEW TOILETS

WALLS ENCLOSING CONDITIONED SPACE

R - VALUES ON THE PLAN VIEW SHALL MATCH THE R-VALUES ON CF-1R FORM. VALUES SHALL BE: (FOR PRESCRIPTIVE PACKAGE D, CF-1R FORM)
R-13 IN 2x4 STUDS / R-19 IN 2x6 STUDS / R-22 IN 2x8 STUDS / R-30 IN 2x10 STUDS / R-38 IN 2x12 STUDS
OR SPECIFY THE R-VALUE ON THE COMPUTER GENERATED CF-1R FORM (PERFORMANCE METHOD) (CNC STD 151 (f) 1 & TABLE 151-B, C OR D AND REFERENCE APPENDICES TABLE 4.3.1)

CEILINGS BETWEEN GARAGE AND ROOMS ABOVE, AND AT FLOORS WITH CRAWL SPACES

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PROJECT DATA

PROJECT NAME	GLORIETTA		
PROJECT ADDRESS	2757 GLORIETTA CIR, SANTA CLARA, CA 95051		
PARCEL NUMBER / ZONING	294-32-011 / R1-BL	LOT SIZE	9,000 SF
BUILDING COVERAGE	40%	PERMITTED FLOOR AREA RATIO	9,000 x 40% = 3,600 SF
EXISTING		PROPOSED	
USE	SINGLE FAMILY	USE	SINGLE FAMILY
OCCUPANCY	R-3U	OCCUPANCY	R-3U
NO. OF UNIT	1	NO. OF UNIT	1
CONSTRUCTION	TYPE V-B (NO SPRINKLERS)	CONSTRUCTION	TYPE V-B (NO SPRINKLERS)
HEIGHT	15'-6" ABOVE GRADE	HEIGHT	15'-6" ABOVE GRADE
NO. OF STORIES	1 STORY	NO. OF STORIES	1 STORY
BUILDING FLOOR AREA (GROSS)	2,696.91 SF	BUILDING FLOOR AREA (GROSS)	3,195.49 SF
LIVING AREA	2,213.27 SF	LIVING AREA	2,719.91 SF (NEW ADDITION: 498.58 SF)
GARAGE	461.88 SF	GARAGE	475.58 SF
CAR SPACE	2	CAR SPACE	2
COVERED PORCHES	21.76 SF	COVERED PORCHES	0.0 SF
# OF BEDROOM	4	# OF BEDROOM	4
# OF BATHROOM	2	# OF BATHROOM	4

CODE

2019 CALIFORNIA BUILDING CODE (VOLUMES 1 & 2); 2019 CALIFORNIA RESIDENTIAL CODE
2019 CALIFORNIA GREEN BUILDING STANDARDS CODE; 2019 CALIFORNIA ELECTRICAL CODE
2019 CALIFORNIA PLUMBING CODE; 2019 CALIFORNIA MECHANICAL CODE
2019 CALIFORNIA FIRE CODE; 2019 CALIFORNIA ENERGY CODE

CITY OF SANTA CLARA BUILDING AND PLANNING CODES

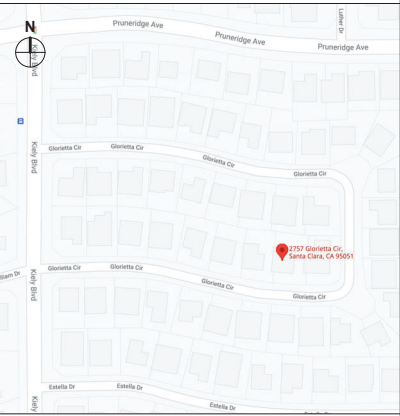
SCOPE OF WORK

- PROPOSE NEW ADDITION OF 498.58 SF TO EXISTING ONE STORY SINGLE FAMILY HOME
- RE-LOCATE EXISTING 4 BEDROOMS, OFFICE AND KITCHEN
- ADDING 2 NEW BATHROOMS AND 1 LAUNDRY ROOM
- RE-LOCATE FURNACE TO ATTIC SPACE
- UPGRADE EXISTING POWER PANEL TO 200 AMP

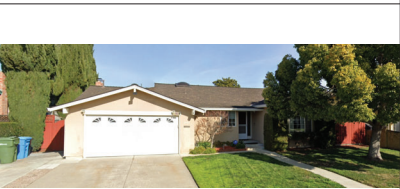
SHEET INDEX

SHEET NO.	SHEET NAME
A 0.0	COVER SHEET
A 1.0	CALGREEN CHECKLIST
A 2.0	SITE PLAN
A 3.0	EXISTING FLOOR PLAN
A 3.1	PROPOSED FLOOR PLAN
A 3.2	GAS & WATER SUPPLY DIAGRAM
A 4.0	BUILDING FRONT & REAR ELEVATION
A 4.1	BUILDING WEST & EAST ELEVATION
A 5.0	BUILDING SECTION
A 6.0	ARCHITECTURAL DETAIL
A 6.1	ARCHITECTURAL DETAIL
E 1.0	CEILING PLAN

PROJECT LOCATION



STREET VIEW



SYMBOLS

	NORTH ARROW
	EXISTING WALL
	NEW WALL
	NEW CONCRETE
	WINDOW TAG
	DOOR TAG
	WALL TAG
	ROOM TAG
	DETAIL NUMBER
	SHEET LOCATION
	REFERENCE ELEVATION
	SPOT ELEVATION

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GLORIETTA

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APN: 29432011; Zoning: R1-BL

OWNER:

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ORIGINAL DATE: 07/10/20

REVISIONS:

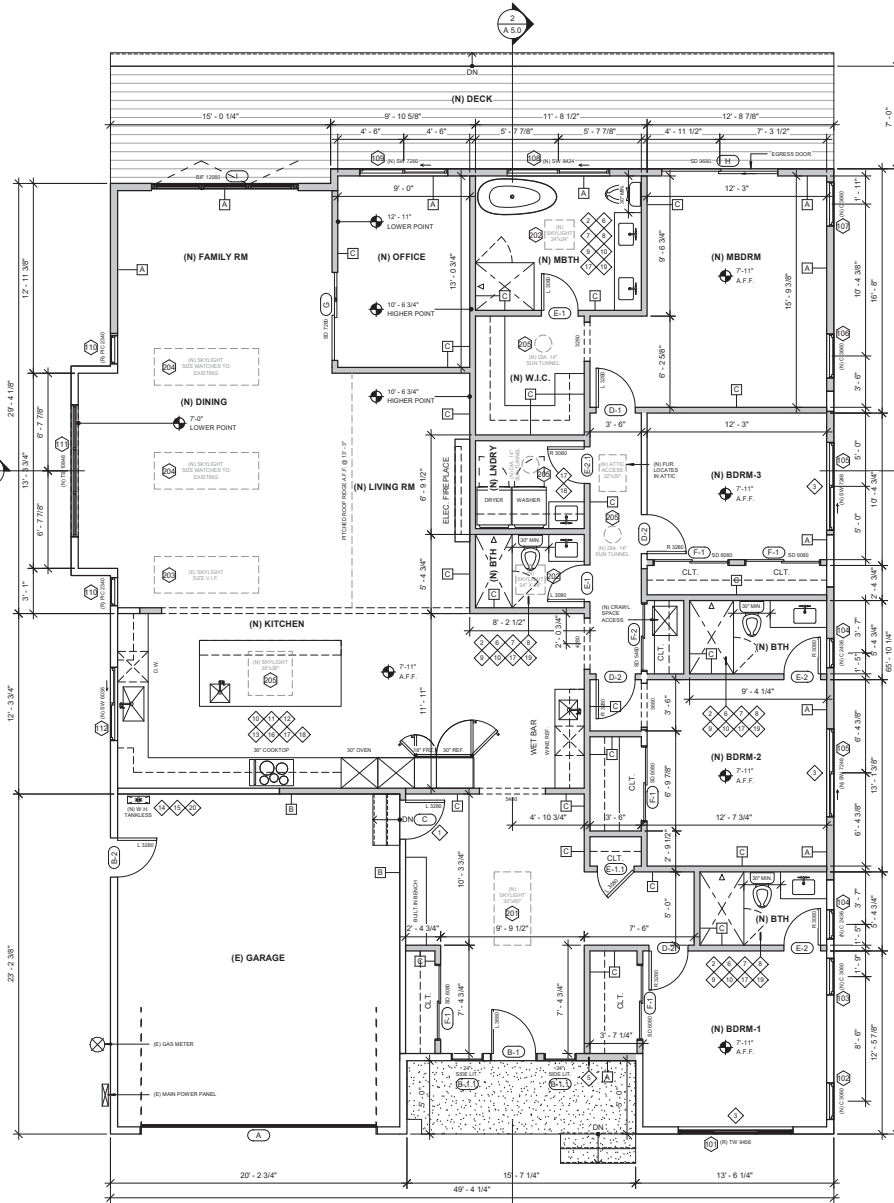
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SHEET TITLE:

COVER SHEET

SHEET NO.:

A 0.0



1 FLOOR PLAN - PROPOSED

SCALE: 1/4" = 1'-0"

PROPOSED TOTAL FLOOR AREA: 3,195.49 SF
NEW ADDITION FLOOR AREA: 498.58 SF

DOOR SCHEDULE					
No.	QTY.	HINGE	W	H	DESCRIPTION
A	1	ROLL	160"	84"	GARAGE DOOR
B-1	1	L	36"	80"	FRONT ENTRANCE DOOR - LEVER & DEADBOLT
B-1.1	2	N/A	24"	80"	FRONT DOOR SIDE LITE
B-2	1	L	32"	80"	LEVER & DEADBOLT
C	1	L	32"	80"	20 MIN. FIRE RATED / SELF CLOSING / LEVER & DEADBOLT
D-1	1	L	32"	80"	LEVER W/ PRIVATE LOCK
D-2	3	R	32"	80"	LEVER W/ PRIVATE LOCK
E-1	2	L	30"	80"	LEVER W/ PRIVATE LOCK
E-1.1	1	L	30"	80"	LEVER W/ PRIVATE LOCK
E-2	2	R	30"	80"	LEVER W/ PRIVATE LOCK
E-2.1	1	R	30"	80"	LEVER
F-1	8	SLIDER	66"	80"	CLT. DOOR - LEVER
F-2	1	SLIDER	54"	80"	CLT. DOOR - LEVER
G	1	SLIDER	72"	80"	GLASS SLIDER DOOR - W/ DEADBOLT
H	1	SLIDER	96"	80"	GLASS SLIDER DOOR - W/ DEADBOLT
I	1	BI-FOLD	120"	80"	BI-FOLDING DOOR - W/ DEADBOLT

WINDOW SCHEDULE						
No.	QTY.	FRAME / GLAZING	ABOVE FLR.	W	H	DESCRIPTION
101	1	VINYL / CLEAR	21 1/2"	94"	58"	(R) TRIPLE SLIDER - EGRESS
102	1	VINYL / CLEAR	20"	30"	60"	(N) L CASEMENT
103	1	VINYL / CLEAR	20"	30"	60"	(N) R CASEMENT
104	2	VINYL / TEMPERED	44"	24"	36"	(N) L CASEMENT - SAFETY GLASS
105	2	VINYL / CLEAR	32"	72"	48"	(N) SLIDER - EGRESS
106	1	VINYL / CLEAR	20"	36"	60"	(N) L CASEMENT
107	1	VINYL / CLEAR	20"	36"	60"	(N) R CASEMENT
108	1	VINYL / TEMPERED	36"	44"	24"	(N) SLIDER - SAFETY GLASS
109	1	VINYL / CLEAR	20"	72"	60"	(N) SLIDER
110	2	VINYL / CLEAR	40"	23"	40"	(R) PICTURE
111	1	VINYL / CLEAR	32"	96"	48"	(N) TRIPLE SLIDER
112	1	VINYL / CLEAR	44"	30"	36"	(N) SLIDER
201	1		30"	60"	60"	(N) SKY LIGHT
202	2		24"	24"	24"	(N) SKY LIGHT
203	1		N/A	N/A	N/A	(R) SKY LIGHT - SIZE V.I.F.
204	2		N/A	N/A	N/A	(N) SKY LIGHT - SIZE MATCHES TO EXISTING V.I.F.
205	1			36"	36"	(N) SKY LIGHT
206	3					(N) SUN TUNNEL - Dia. 14"

WINDOW / DOOR SCHEDULE NOTE:
GENERAL CONTRACTOR TO VERIFY WINDOW/DOOR SIZE IN FIELD BEFORE MAKING PURCHASE

WORK & KEY NOTES

BUILDING:

- PROVIDE LISTED 1 3/8" 20 MINUTE FIRE RESISTIVE DOOR AND FRAME ASSEMBLY WITH A SELF CLOSING, SELF LATCHING DEVICE. ONE HALF OF THE COMMON WALL BETWEEN THE GARAGE SHALL BE OPEN AND UNOBSTRUCTED (CBC 714.4.8 TABLE 715.4)
- PROVIDE APPROVED TILE BACKER MATERIALS AND GYROBOARD IN BATHROOMS:
A. NON-ABSORBENT FINISH MATERIAL MINIMUM 72" ABOVE THE STANDING SURFACE OF TUBS AND SHOWERS
B. CEMENT / FIBER CEMENT OR GLASSMATE GYP BACKERS FOR ADHESIVE APPLICATION OF FINISH MATERIAL (TILE OR OTHER NONABSORBENT SHEET MATERIALS), OR PAINT (ABOVE 72") INSTALLED PER MANUFACTURER'S INSTRUCTIONS WITHIN SHOWER STALLS AND BATH TUB SURROUNDINGS
C. WATER RESISTANT GYP BOARD SHALL NOT BE USED WITHIN SHOWER STALLS, BATH TUB COMPARTMENTS OR OTHER WET OR HUMID AREAS, OR ON CEILINGS WITH JOISTS GREATER THAN 12" O.C.
D. WATER RESISTANT GYP BACKERS FOR TILE OR PAINT PER MANUFACTURER'S INSTRUCTIONS AT WATER CLOSET COMPARTMENTS
E. REGULAR GYP BOARD FOR TILE OR PAINT ON WALLS AND CEILINGS OTHER ABOVE
- BEDROOM WINDOW FOR EMERGENCY ESCAPE AND RESCUE SHALL HAVE A FINISHED FLOOR TO WINDOW OPENING HEIGHT OF NOT BE MORE THAN 44". WINDOW SHALL HAVE 20" MIN BY 24" CLEAR OPENING AND OPENING AREA OF 5.7 SF.
- NFRC TEMPORARY LABELING ON NEW WINDOWS SHALL NOT BE REMOVED UNTIL INSPECTED BY THE ENFORCEMENT AGENCY
- PROVIDE ILLUMINATED STREET NUMBERS. THE NUMBERS SHALL BE VISIBLE AND LEGIBLE FROM THE STREET, HAVING A CONTRASTING BACKGROUND AND HAVE A MINIMUM 1/2" STROKE BY 4 1/2" MINIMUM HEIGHT

PLUMBING:

- SHOWER HEADS FLOW SHALL BE 1.8 GPM MAX.
LAVATORY FAUCETS SHALL BE 1.2 GALLONS MAX PER MINUTE
PROVIDE A 30" SIDE TO SIDE CL.A. AND A MIN. 24" IN FRONT OF THE TOILET. NEW TOILET MUST BE WATER CONSERVING 1.28 GPM
- PROVIDE SAFETY GLASS DOOR FOR SHOWER STALL. DOOR MUST HAVE MINIMUM 20" UNOBSTRUCTED OPENING FOR EGRESS AND MUST BE OPEN OUTWARDS
- SHOWER & TUB-SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE, BALANCE, THERMOSTATIC, OR COMBINATION WITH MAX. MIXING TEMPERATURE OF 120 DEGREES PER CPC 418
- INTERIOR FINISH MATERIAL OF THE SHOWER STALL WALL SHALL BE CERAMIC TILE, AND SHALL EXTENDS TO A HEIGHT NOT LESS THAN 72 INCHES ABOVE THE DRAIN INLET
- NO PLASTIC PLUMBING PIPE ALLOWED FOR DOMESTIC WATER SUPPLY AND SANITARY WASTE SYSTEM
- KITCHEN FAUCETS SHALL BE 1.8 GALLONS MAX PER MINUTE
NEW DISHWASHER SHALL BE 1.5 GALLONS PER CYCLE
- GAS RANGE / COOKING APPLIANCE SHALL HAVE AN APPROVED ACCESSIBLE GAS SHUT-OFF VALVE INSTALLED
- DISHWASHER SHALL HAVE A LISTED AIR - GAP INSTALLED AS PER CPC SECTION 807.3
- NEW WATER HEATER SHALL BE 80 GAL WITH 80 GAL 1ST HOUR RATE. PROVIDE 9" MIN SEDIMENT TRAP FOR THE GAS LINE AT THE WATER HEATER BETWEEN THE GAS SHUT OFF TO THE WATER HEATER

MECHANICAL:

- PROVIDE MIN. 26 GA. GALV. SHEET METAL HEATING SUPPLY DUCTS AT GARAGE AREA. BOTTOM OF HEATING DUCT OR FURRING SHALL NOT BE LOWER THAN 7'-0" AND SHALL HAVE NO OPENINGS INTO THE GARAGE
- A LOCAL MECHANICAL EXHAUST SYSTEM SHALL BE INSTALLED IN EACH KITCHEN. THE DEMAND-CONTROLLED VENTILATION RATES SHALL BE 100 CUBIC FEET PER MINUTE MINIMUM AND CONTINUOUS VENTILATION RATES SHALL PROVIDE 5 AIR CHANGES PER HOUR AND A MAXIMUM SOUND RATING OF 3 SONES OVER RESIDENTIAL STOVES AND COOKTOPS WITHIN DWELLING UNITS. THE RANGE HOOD MUST VENT TO THE OUTSIDE. (CMC 150.0(C) AND ASHRAE 62.2-1)
- KITCHEN HOOD, BATHROOM FAN AND CLOTHES DRYERS VENT POINT OF DISCHARGE SHALL BE OUTSIDE OF THE BUILDING AT LEAST 3 FEET FROM ANY OPENING INTO THE BUILDING AND 3 FEET FROM THE PROPERTY LINE
- STOVE, RANGE OR COOKTOP AND CLOTHES DRYERS EXHAUST SHALL VENT TO THE EXTERIOR OF THE BUILDING AS PER CMC 902.1.1
- BATHROOM FAN SHALL BE ENERGY STAR COMPLIANT AND CONTROLLED BY AN ACCESSIBLE HUMIDISTAT CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE BETWEEN 50 AND 90% MIN 50 CFM AND MAX 1 SONE SOUND RATING
- RAISE WATER HEATER TO 18" ABOVE THE GARAGE FLOOR. STRAP WATER HEATER WITHIN THE UPPER 10 AND LOWER 10 OF ITS VERTICAL DIMENSION. STRAP AT THE LOWER POINT SHALL BE INSTALLED 4 INCHES ABOVE WATER HEATER CONTROLS. WATER HEATER SHALL BE WRAP WITH R-12 INSULATION

WALL LEGEND

- EXISTING WALL
- NEW WALL
- DEMOLISHED WALL

WALL TYPE TAG (WALL DETAILS SEE A6.0):

- EXTERIOR WALL - 2x4
- 1 HR FIRE RATED WALL - 2x4
- PARTITION WALL - 2x4

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ORIGINAL DATE: 07/06/21

REVISIONS:

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SHEET TITLE:

PROPOSED FLOOR PLAN

SHEET NO.:

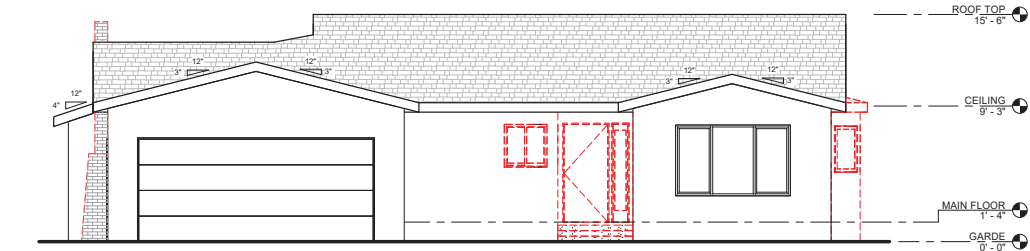
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A 3.2

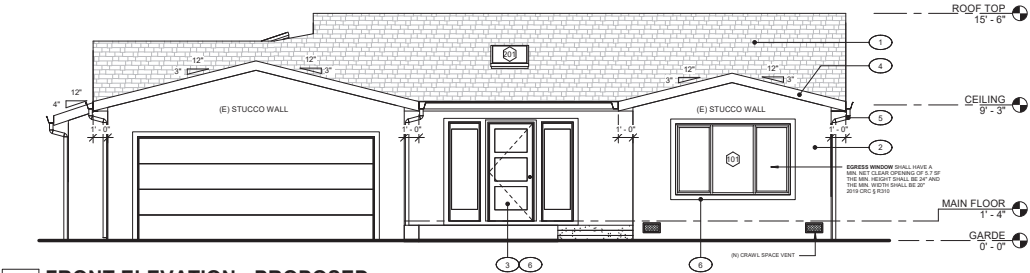
MATERIAL SCHEDULE		
#	ITEM	DESCRIPTION
1	ASPHALT SHINGLES ROOF	CLASS A ASPHALT SHINGLES ROOF WITH MINIMUM OF ONE LAYER OF 15 LB FELT ON 1/2" PLYWOOD
2	STUCCO WALL	STUCCO PAINT EXTERIOR FINISH 3 COATS, 1/8" MIN THICK, CRC R103.6.2 TWO LAYERS OF GRADE D PAPER UNDER CEMENT PLASTER COVERING WHERE OCCURS OVER PLYWOOD SHEATHING, CRC R103.6.3 COLOR TO MATCH WITH EXISTING STUCCO WALL
3	ENTRANCE DOOR	PAINTED WOOD, WITH TWO 24" WIDE SIDE LIGHTS COLOR: TBD
4	FASCIA	2 X 8 FASCIA, PAINTED WOOD COLOR: TBD
5	DOWNSPOUT & GUTTER	PAINTED STEEL COLOR: TBD
6	TRIM (WINDOW & DOOR)	2 X 4 PAINTED WOOD TRIM COLOR: TBD

CRAWL SPACE VENTILATION CALCULATION:

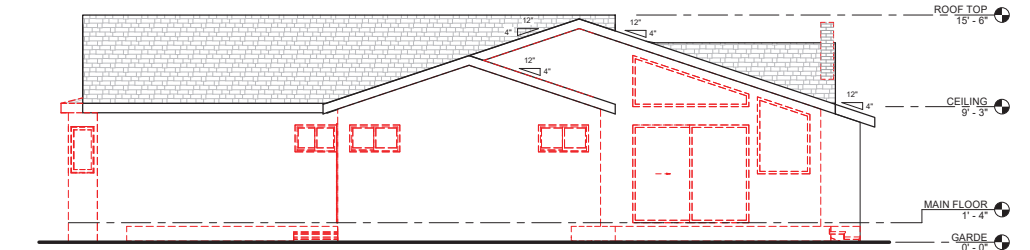
- CRAWL SPACE COVERED BY VAPOR BARRIER, CALCULATION USING 1900 RULE
- TOTAL CRAWL SPACE: 2,719.91 SF
- 2,719.91 SF / 500 = 5.44 SF
- VENT PROVIDED 0.58 SF EACH
- TOTAL NEED x10: 0.58 SF x 10 = 5.8 SF



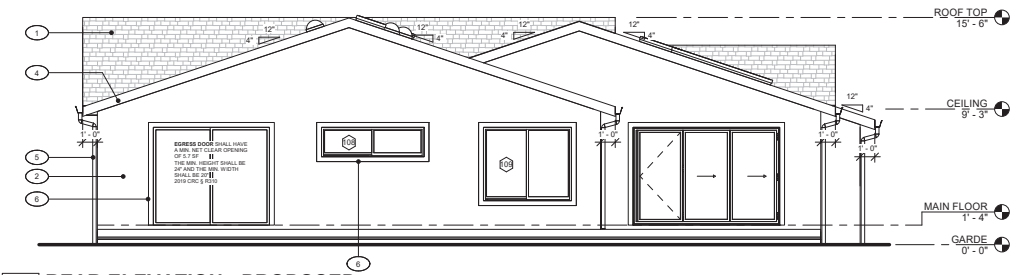
1 FRONT ELEVATION - EXISTING
SCALE: 1/4" = 1'-0"



2 FRONT ELEVATION - PROPOSED
SCALE: 1/4" = 1'-0"



3 REAR ELEVATION - EXSITING
SCALE: 1/4" = 1'-0"



4 REAR ELEVATION - PROPOSED
SCALE: 1/4" = 1'-0"

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ORIGINAL DATE:

07/11/21

REVISIONS:

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SHEET TITLE:

BUILDING FRONT &
REAR ELEVATION

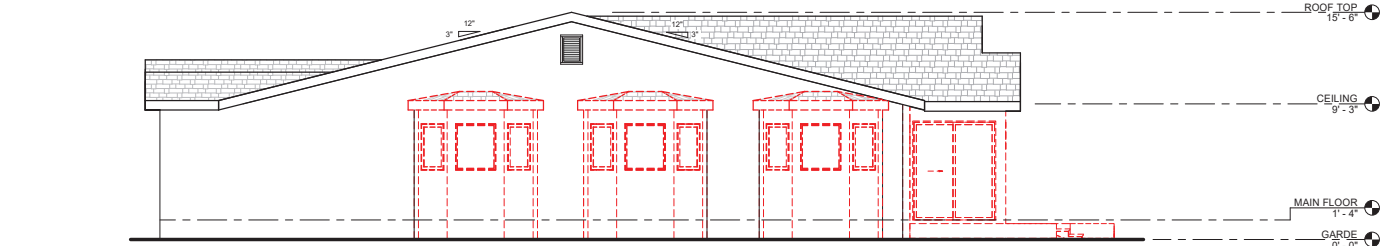
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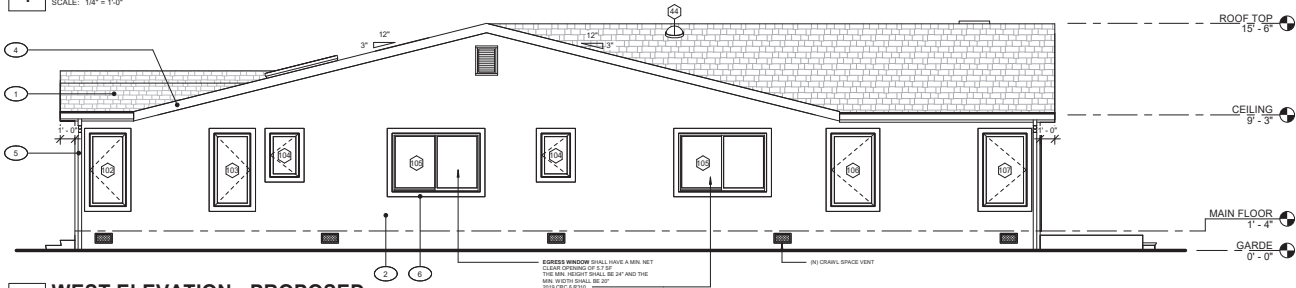
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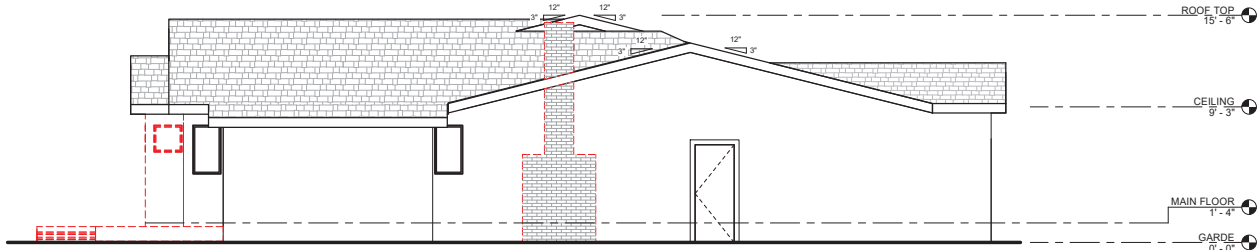
1 WEST ELEVATION - EXISTING

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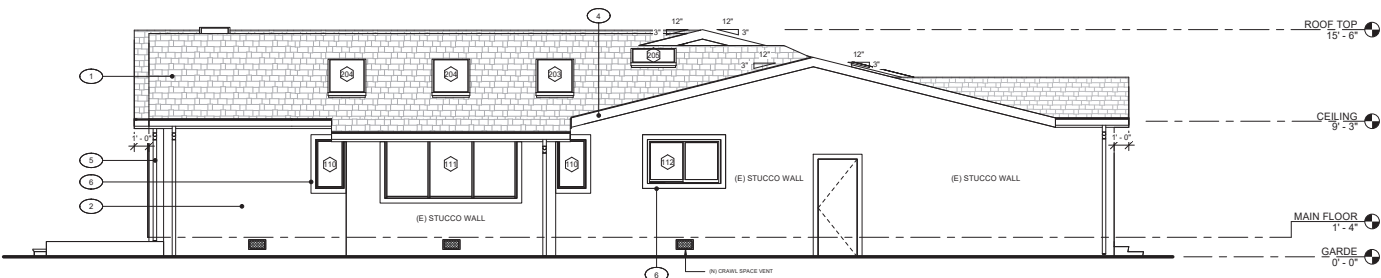
2 WEST ELEVATION - PROPOSED

SCALE: 1/4" = 1'-0"



3 EAST ELEVATION - EXISTING

SCALE: 1/4" = 1'-0"



4 EAST ELEVATION - PROPOSED

SCALE: 1/4" = 1'-0"

PROJECT:

GLORIETTA

2757 Glorietta Cir,
Santa Clara, CA 95051

APN: 29432011; Zoning: R1-8L

OWNER:

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DESIGNER:

HAN DESIGN STUDIO

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ORIGINAL DATE:

07/11/21

REVISIONS:

No.	DESCRIPTION	DATE
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SHEET TITLE:

BUILDING WEST &
EAST ELEVATION

SHEET NO.:

A 4.1



VPC-CC SuperLift

Closed Cell | Filled Foam | Compliance Research Report ESR-4334

Technical Data Sheet | Type I, II, III, IV, V-B Construction

Physical Properties

ASTM D 1622	Core Density	237 lb/ft ³
ASTM E 138	Agal Thermal Resistance (R-value @ 1 inch)	6.9 R/inch (100%)
ASTM E 283	Air Leakage @ 75 Pa @ 1"²	< 0.02 L/min²
ASTM E 287	Air Permeance @ 75 Pa @ 1"²	< 0.02 L/min²
ASTM E 2367	System Air Leakage Rating @ 1"²	75 Pa @ 1.75 psf
ASTM E 96	Water Vapor Permeance 12" Class II vapor barrier	< 1 perm
ASTM D 2542	Water Absorption (vol%)	0.05%
ASTM D 2427	Compressive Strength	233 PSI
ASTM D 1623	Tensile Strength	53.7 PSI
ASTM D 2126	Dimensional Stability @ 50°F 75% RH	434 % Volume Change
VOC Emissions	US Environment (GreenGuard Gold)	Meets criteria
ASTM E 1338	Fungal Resistance	No fungal growth
ASTM D 6226	Closed Cell Content	92.1%
ASTM E 1029	Standard Specification	

Fire Test Results

NFPA 286	Thermal Barrier Compliant with 2009, 2012, 2015 & 2018 IBC, IRC, and ICC-ES AC 308	PASS
NFPA 259	Potential Heat	1950 Btu/ft² per inch
NFPA 285	External Wall Systems	PASS
ASTM E 84	Surface Burning Characteristics, 1" Thick Flame Spread Index Smoke Developed	Class 1 0-5 350-400
AC 307 Appendix X	Ignition Barrier - Compliant with 2009, 2012, 2015 IBC and IRC, and ICC-ES AC 307 Appendix X for use in attics and crawlspaces without a prescriptive ignition barrier or intermediate ceiling.	PASS
ASTM D 1029	Ignition Properties (permeation ignition temperature)	1,000°F (540°C)

Product Use and Design

VPC-CC SuperLift is a two-component, closed-cell, spray-applied, rigid polyurethane foam system. This product uses recycled plastic materials and rapidly renewable soy oils. VPC-CC SuperLift complies with the intent of the International Code Council's residential and commercial building codes and is commonly used as a thermal insulation, air barrier, vapor retarder and water resistant barrier in above grade, below grade, interior and exterior applications.

Recommended Product Applications: Walls, Metal Walls and Ceilings, Floors, Unvented Crawl Spaces, Concrete Slabs, Cold Storage, Unvented Attics, Vented Attics, Vented Crawl Spaces, Ducts, Freezers, Ceilings, Piping, Foundations, Tanks and Coolers.

Florida Building Code

2017 Florida Building Code Residential	
2017 Florida Building Code Commercial	

Approved Thermal Barrier Intumescent Coatings

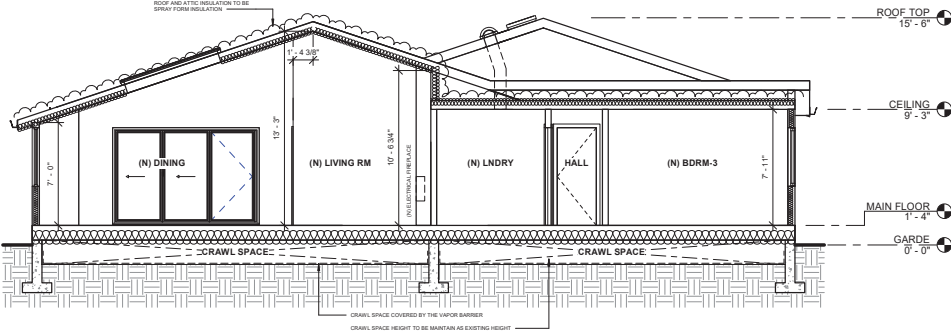
CC 205	15 Min. Fire Test Time	100 100 TIGAL
No-Burn	15 Min. Fire Test Time	100 100 TIGAL

Reactivity Profile

Coat Time	Set Time	Back Flow Time	End of Flow
0 - 1 seconds	2 seconds	3-4 seconds	3-4 seconds

Recycled and Renewable Content of VPC-CC SuperLift Resin

Insulated Foam Renewable and Recycled Content	22.7%
Polyol Renewable Content	8%
Polyol Recycled Content	33.4%



1 BUILDING SECTION - LATITUDINAL

SCALE: 1/4" = 1'-0"



VPC-CC SuperLift | Technical Data Sheet | Type I, II, III, IV, V-B Construction

Closed Cell | Filled Foam | Compliance Research Report ESR-4334

Liquid Component Properties*

Property	VPC SuperLift BDA	VPC SuperLift BDA
Color	Brown	Blue
Viscosity @ 77°F (25°C)	180-220 cps	Summer - 200-300 cps Winter - 200-300 cps
Specific Gravity	1.24	Summer - 1.03-1.23 Winter - 1.20-1.22
Shelf Life of Unopened Drum Properly Stored	12 months	6 months
Storage Temperature	50-100°F (10-38°C)	50-170°F (10-25°C)
Mixing Ratio (Volume)	1:1	1:1

Recommended Processing Conditions*

Initial Primary Heat Setpoint Temperature	Summer 100-105°F Winter 95-100°F	Summer 30-40°C Winter 35-38°C
Initial Flow Heat Setpoint Temperature	Summer 100-105°F Winter 95-100°F	Summer 30-40°C Winter 35-38°C
Initial Processing Setpoint Pressure	1,200-1,400 PSI	6.24 - 145.0 PSI
Substrate & Ambient Temperature	Summer > 50°F Winter > 32°F	Summer > 10°C Winter > -2°C
Moisture Content of Substrate	< 4%	< 4%
Moisture Content of Concrete	< 4%	< 4%

*When application temperatures and pressures vary widely depending on temperature, humidity, moisture, substrate, equipment, and other factors. While processing, the application must continuously observe the characteristics of the sprayed foam and adjust processing temperature and pressure to maintain proper cell structure, adhesion, cohesion, and proper foam quality. It is the responsibility of the applicator to process and apply VPC-CC SuperLift within specifications.

General Requirements

Equipment must be capable of delivering the proper ratio (1:1) volume of polymeric isocyanate (MDI) and polyol blend at adequate temperatures and spray pressures. Substrate must be at least 1/4" above dew point, with best processing results where ambient humidity is below 80%. Substrate must also be free of moisture, oil, grease, dirt, and other materials that would adversely affect adhesion of the polyurethane foam. Applicators should limit the application of this product to no more than a thickness of 4" (102mm) per pass (after expansion) to avoid fire hazards (including spontaneous combustion) resulting from excessive heat generation. If subsequent passes are needed, applicators should wait until the core temperature of the foam has dropped below 100°F to allow any reaction heat to dissipate from the prior applications before attempting to reapply the product. VPC-CC SuperLift must be separated from the interior of the building by an approved thermal barrier or an approved fire-rated material equivalent to a thermal barrier in accordance with applicable codes. VPC-CC SuperLift must be applied at a minimum thickness of 7" per pass. This product must not be used when the continuous service temperature of the substrate or foam is below 40°F (4°C) or above 180°F (82°C). VPC-CC SuperLift should not be used to cover flexible ductwork.

Disclaimer

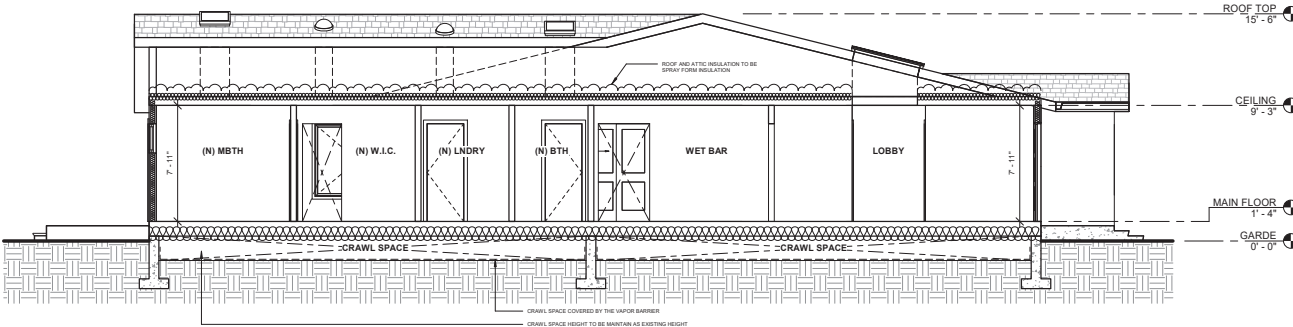
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It is the responsibility of the applicator to thoroughly understand all equipment technical information and safe operating procedures that pertain to spray polyurethane foam application.

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2 BUILDING SECTION - LONGITUDINAL

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SHEET TITLE:

BUILDING SECTION

SHEET NO.:

A 5.0