PROJECT INFORMATION

REMODEL OF EXISTING GARAGE WITH ADDITION OF AN ADU ABOVE Project Scope

318 PARK AVE CAPITOLA CA 95010

APN: 03609413

BRUCE & TAMI CORUM

318 PARK AVE. TEL: 831-251-7720

Existing Lot Size: Existing Total SF: APPROX. 4181 SF APPROX. 712 SF Proposed Total SF: Additional SF (ADU): APPROX. 1,153 SF APPROX. 441 SF

(E) LOWER LEVEL - MAIN HOME 306 SF 441 SF 441 SF 1,153 SF (E) LOWER LEVEL - GARAGE: (N) UPPER LEVEL - ADU: (N) LOWER LEVEL - GARAGE: TOTAL PROPOSED RESIDENCE: TOTAL (N) BALCONY: 125 SE

NUMBER OF STORIES:

(E)MAIN RESIDENCE (E)DETACHED GARAGE (P)MAIN RESIDENCE (P)DETACHED GARAGE - ADU

Occupancy Classification: Zoning Classification: 020 - SINGLE FAMILY RESIDENCE

Type of Construction: VR FEMA Flood Zone: N/A

Applicable Codes: 2019 C.R.C

2019 C.M.C 2019 ENERGY CODE 2019 C.E.C

2019 C.P.C 2019 GREEN BUILDING STANDARDS CODE

2019 C.F.C

DRAWING INDEX

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GENERAL NOTES

- Written dimensions on these drawings shall have precedence over scaled dimensions. Written Dimensions are approximate and must be verified. Contractor is to verify all existing conditions and dimensions prior to and during all phases of work.
- 2. If subcontractors should find any lack of information, discrepancy in and/ or omissions from these drawings or if the subcontractor should be in question as to interpretation of clarification before proceeding with that portion of the work.
- No changes, modifications or deviations shall be made from these drawings or specifications without first securing written permission from the owner. 4. All work as outlined in these documents shall strictly conform to all applicable codes and ordinances. In the event of a conflict the more stringent requirement shall govern and be met.
- 5. All materials used shall be equal to, or exceed all applicable state or local
- Contractor shall remove promptly and legally all accumulated debris, protect all portions of work from elements, avoid over-loading structure, and securely store all items to be used for construction.
- All existing utilities and city services are to be maintained, kept in service and protected against damage during construction.
- 8. Contractor shall verify locations of all existing underground utilities prior to

- 9. All electrical calculations and wire size to be provided by a licensed electrical contractor. Receptacle, fixture and equipment locations to be found on floor plans and site plan. Subcontractor is to verify location, fixture type and equipment with owner prior to purchase and installation.
- 10. The contractor shall take all necessary precautionary measures to protect the public and adjacent properties from damage throughout construction.
- one pour an adjacent properties from carriage transport construction.

 1.1 All existing stilles to be abandened shall be propped spoonmented, priuged or capsed, as required by code or sound construction practices.

 2. Provide adequate concealed stocking and anchoring for all ceiling and wall mounted equipment, flutures, hardware, and / or accessories.

 3.1 Unless otherwise noted, electrical conducts, pursioning line, etc. shall be not conceided and faming able to adequate size to accomplish results without causing any changes in the all algorithms.
- 14. Interior dimensions are shown from finished surface to finished surface.
- 15. If a fire suppression system is required it shall be designed by a licenced fire suppression contractor and installed as required per NFPA and local regulations. The contractor shall submit shop drawings to the governing jurisdiction for permit.
- 16. If modification of a bedroom is apart of the scope of work, that bedroom shall have one exterior egress compliant window or door the operable from the interior without the use of a key, special tools, know

- 17. All products listen by ICC/NER number shall be installed per the report and manufacturers written instructions. Product substitutions for products listen shall also have ICC approved evaluation report or be approved and listed by other nationally recognized testing agency.
- 18. New operable windows and exterior doors shall be weather-stripped. All open joints, penetrations and other opening in the building envelope shall be sealed, caulked, gasketted or weather-stripped to limit air leakage.
- 19. Site upgrades are to preserve and enhance the quality of life in Santa Cruz through the guidance of development activity to achieve an aesthetic
- 20. All lumber in contact with concrete shall be preservative treated. All fastener in contact with preservative treated lumber shall be approved silicon bronze or copper stainless steel or hot-dipped sic coated steel.
- 21. Replace any noncompliant plumbing fixtures with water-conserving plumbing fixtures. (see plumbing notes)
- 22. All existing plants/Trees are to be protected and

- 24. Alarms in existing areas where access to the area above the ceiling is not possible without removing finishes may be powered by a DIC battery source. In the areas of new construction, or existing rooms where the area above the ceiling is accessible alarms shall be interconnected and powered by an AIC power source in the battery back-up. (CRC 314, 316).
- 25. The contractor shall install or verify the existence of smoke alarms and carbon monoxide alarms outside each bedroom as well as one on every level. An additional smoke alarm is required inside each bedroom. Bedrooms that contain fuel-burning appliances shall have a carbon monoxide alarm in the bedroom.
- 26. At the conclusion of the work included in the permit, the structural observer shall submit to the building official a written statement that the site visits have been made and identify any reported deficiencies that, to the best of the structural observer's knowledge, have not been resolved_CBC 1704.6]













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DRAWN BY:

BRUCE & TAM CORUS DANIELLE IREY 831-239-5123 ENCI SIDE 318 PARK AVE CAPITOLA CA 95010 CORUM RE

studio GLDN

925 S RODEO GULCH SOQUEL CA 95073 831-229-5133

Date

Scale: NTS

COVER

ARTICLE 1 - FLOOR PLAN NOTES

- At raised floor area, 18*x24* minimum under the floor acess(s) as indicated on plan or in a central location as needed and approved by home owner.
- Provide 22"x30" minimum attic access(s) as indicated on plan or as needed to any attic area >30" high and approved by home number
- C. New hallways shall be a minimum of 36" wide from finish to finish.
- - All new landings at exterior doors, shall have a maximum step of less than 7.75°
 - Landings at doors that swing over the landing are not to be greater than 3/4 inch below top of the finished floor.
 - 3. Minimum 36 inches length in the direction of travel of the landing
 - Landings height shall be equal distance from the top of the threshold and surface, unless noted otherwise.
 - 5. Landings shall be sloped t 1/4" per foot away from wall with anti-slip surface.
 - 6. Landings with more than one additional step shall be provided with handrall.
 - A landing is not required at door from living area to garage unless noted on plans or required by governing jurisdiction
- F. All remodeled habitable rooms shall be provided with 1/10 floor area, minimum 10 sq. ft., natural light and 1/20 floor area, minimum 5sq.ft., natural ventilation per CRC.

ARTICLE 2 - DIMENSION NOTES

- A. Dimensions at hallways & water closets, represent actual dist
- B. All interior dimensions are from finished surface to finished surface
- C. All exterior dimensions are to be edge of wall sheathing.
- Centerline dimensions are approximate. Use Locations of structures and new surface finishes to maintain true centerline relationship.

ARTICLE 3 - EXTERIOR NOTES

- A. If needed all new roofing shall be composition asphalt shingle to mach existing texture and color, install over 30th building under-lamet staggered as per code & manufacturer specification over roof surfaces, per plan.
- B. New gutters shall be continuous at all eave overhangs where indicated match existing profile & material.
- C. New stucco shall be 7/8° min. o/ wire lath 0/ 2 layer grade 'D' bldg paper.
- D. New siding hall match existing U.N.O.
- Dual glaze, low-e, windows and doors to be install with approved building flashing. Glazing in new windows and doors is to have a U factor not exceeding 0.30.
- If changes are proposed to building exterior verify/ provide building address numbers clearly visible from street as per city standards.
- Outdoor lighting fixtures shall be listed for damp or wet installation, as applies to the location of installation and decree of weather protection afforded by adjacent permanent construction.
- H Exterior Recentacle Outlets

 - Exterior reoperate o cullets located in a "wet" location shall be:

 1. listed weather-resistant type
 2. temper-resistant per CGC 408.12
 4. housed in an enclosure that is weatherproof. An outlet box hood is to be installed and shall be listed of identified as "extra duty".

 - and shall be listed of identified as "extra duty" or receptacies outsite located in a "extra duty".

 1. listed weather-resistant type
 2. tamper-resistant per C.EC. 406.
 2. tamper-resistant per C.EC. 408.
 4. housed in an enclosure that is weatherproof when the attachment plug cap is inserted (attachment) peg pan for inserted and receptacle cover closed, per C.EC. 406.9
- Provide 3* 26g, G.I. downspouts as needed. Provide splash blocks and ends that slope away from the building at a minimum of 2% slope.
- New exterior wood trim shall be pre-primed or painted Redwood or equal. Cut end f trim shall be primed prior to installation.
- L. Low.No VOC Exterior paint is to be used.

ARTICLE 4 - INSULATION NOTES

- Ceiling insulation shall be installed to maintain 1-inch clearance between insulation and roof sheathing as per CRC, (excluding sprayable polyurethane foam)
- C. All exterior openings and openings between heated and unheated areas shall be weather stripped
- n 1. Typical Insulation Provisions:



- 2. Insulation To Be Used For Roof Insulation
- R-30 open cell urethane spray foam.
- Insulation product specified shall be listed for use in unvented roof cavities and to provide the required R-factor in the cavity available. (2x6 rafters = 5.5° cavity)
- Provide continuous bead of caulking under all new sole plates
- F. Insulation will meet the mandatory feature requirements in the CEC and installed at ceilings, walls, floors, and water pipes, when areas are exposed during remodeling.

ARTICLE 5 - ENERGY NOTES

- A. All plumbing fixtures re to be low flow, low water usage products UNO
- If a new water heater is to be installed per the scope of work, contractor shall size the heather and mechanical systems as required by Title 24 documentation. (Exceed M4 by 10%, in EF CEnC 150.1(c)8)
- Silicon caulking, sealant and weatherstripping is to be used at all openings and penetrations through building envelope.
- D. All lighting must meet applicable requirements. JAB High efficacy light sources are to be used and labeled with "JAB-2016-E". All installed luminaires must be high efficacy. See electrical Plan sheet
- E. Use Low/No VOC Paint
- F. See Title 24 calculations for additional information

ARTICLE 6 - DOOR NOTES

- A See article 1 for Exterior Landing requirements
- B. Required exit doorway shall not be less than 3 feet in width and 6 feet 8 inches in height.
- C. Swing of door s determined by viewing closed door from the hinge side of the door
- D. Tempered glass shall be permanently identified by the manufacture per CRC.
- F. Manufacture glazing in doors shall have a label attached certified by the National Fenestraction Council (NFRC) and show energy standards. Label to remain affixed to glazing until project has passed the final inspection.
- Any door that needs to e reframed. Requires a minimum of 30" net clear opening for all new or reframed doorways. Excluding doors serving closets that are less than 36" deep.
- H. Glazing in exterior doors shall have a maximum U-factor of 0.30

E. All exterior doors shall have integrated weather stripping

ARTICLE 7 - WINDOW NOTES

- - Net Clear Height 24 in.
 - 2. Net Clear Width
 - Net Clear Opening 5.7 sqft
 Finished sill height 44 in, max.
- 'X' Denotes operable panel, 'O' denotes fixed panel operable / fixed panel is determined by viewing window from exterior.
- D. All exterior windows shall have integrated weather stripping

ARTICLE 8 - FIRE RESISTIVE CONSTRUCTION

- A. All new habitable spaces adjacent to garages shall have one-hour fire-resistive construction at the garage side of framing including all horizontal separations.
- Firewall shall be constructed with 5/8" Type-X rated gypsom with fire taping continuous to underside of roof sheathing or to calling if located under the second floor at garage.
- C. All openings thru firewall shall be sealed with approved method or fire caulking.
- D. Electrical panels may not be located in firewall.
- E. Doors from living area to garage shall be 1-3/8" solid wood doors w/ 20 minuet label, with self-closing devices and weather stripping.
- F. HWG air ducts passing thu frewall hall be a minimum 26 gape in thickness with no openings or an approved fredumper shall be provided.

 G. Provide 50° pyseum at useable / accessible space under stairs.
- Construction, projections, openings and penetrations of exterior wall of dwellings and accessory building shall comply with table R802. Prescribed under CRG section R802.

 Provide 1/2* (gypsum board separation on the garage side of walls adjoining the dwelling. All structural elements supporting the flooricating assemblies used as a fer rated separation shall have 1/2* (gypsum board protection.

ARTICLE 9 - PLUMBING NOTES.

- The first 5 feet of hot and cold water pipes from the storage tank.
- All piping with a normal disameter of 34 into 1 trigor.

 All piping with a normal disameter of 34 into 1 trigor.

 All piping associated with a domestic hot water rediculation system reg.

 Piping from the heating source to storage tank or between tanks.

 Piping buried below grade.

 All hot water pipies from the heating source to the kitchen fixtures.

- D. Hose bib(s) shall be equipped with a backflow prevention device at all new & existing hose bib(s). 3 inch minimum waste piping required at water closet(s).
- E, Water closets require a minimum 3- inch trap/drain pipe. [CPC table 702.1]
- F. Vent pipes shall e 1-1/2" to 2" A.B.S. exiting pint to e weather sealed using suitable boot style roof jacks. Coat pipe exposed to sunlight with latex paint. Color to match roof tone. G. Center of water closet shall be a minimum of 15° to vertical surface of sides. The clear space in front of a water closet shall not be less than 24° per CPC.
- Provide an approved backwater valve on drainage piping serving fixtures that have flood level rims less than 12°
 above the elevation of the next upstream manhole shall be installed per CPC.
- All building water supply systems in which quick-acting valves are installed shall be provided with devices to absorb the hammer caused by high pressures resulting from the quick closing of these valves. These devices shall be installed per CPC.
- All under floor cleanouts shall be extended to exterior of building, if more than 20 feet from nearest access.
- Under floor access at foundation stem shall not be used for mechanical or plumbing chase unless designed for this purpose.
- N. All existing non-compliant pluming fetures shall be replaced with water-conserving plumbing fetures, per CGBC

ARTICLE 10 - EQUIPMENT NOTES

- identification of equipment shall be provided when more than one heating, cooling, ventilating or refrigeration system is installed on a roof or within a building it shall be permanently identified as to the area or space served by the equipment.
- B. Provide UL listing or ICC# for gas appliances

ARTICLE 11 - GENERAL LIGHTING NOTES

- A. All luminaries installed in residential construction must qualify as "high efficacy luminaries"
- B. All permanently installed luminaries with interchangeable lamps must contain lamps that comply with the requirements of Joint Appandix 8 (JAS) and be appropriately marked.
- C. Vacancy sensors are to control at least one luminaire in the following room types: Bathrooms, Utifity Rooms, Laundry rooms, Garages.
- D. See Title 24 for more information.

ARTICLE 12 - ELECTRICAL NOTES

- A. All electrical indicated a new and shall comply with the current California Electric Code. CEC
- B. If a new electrical service is required it shall be a 200 Amp service add circuit breakers as required. Label circuits with permanent risk. If sub-panel is to be installed, it shall not be located in the vicinity of easily ignitable materially such as clothes closed, in shathrooms, or behind doors.

- E. Provide nail plates at all studs where wire penetration is within 1-1/2" of sheetrock surface
- F. Staple wire 12" max at metal 8" max at plastic from boxes and spaced 12"-typ. U.N.O.

- L. Laundry Branch Circuit: Per CEC a dedicated 20-ampere branch circuit shall be provided to supply all laundry receptacle outlets. vin currents:
 Per CSC all bathroom receptacles to be supplied by a dedicated 20 Amp. circuit with GFCI protection.
 The circuit cannot supply any other receptacles, lights, fans, etc.
- Kitchen Grollis:

 1. Price da minimum of two (7) 20-Amp small space appliance circuits supplying kitchen and free (7) 20-Amp small space appliance circuits supplying kitchen and 2. Provide appurate circuit for dishnessier
 3. Provide appurate circuit for disposal
 4. Dishnessier recognitions minimum be accessible and will not be located behind unit.
- Cooking: Ocioing unit shall be provided with four conductor wires with an insulated neutral and four-proged outlet per CEC.
- Install ground fault circuit interrupt outlets at bathrooms, garage and other locations as indicated. Test GFCI device for proper operation. Light at shower shall operate from GFCI outlet at bath vanity.
- N. All lighting locations to be switched at walls where indicated. Installed all light fixtures per manufactures instructions. See lighting plan.
- Exhaust fan / light combination units shall be, 70 c.f.m.installed in bath where indicated and vented directly through the roof. Entire unit to be wired through bath GPCI protected circuit. Exhaust fans in bathrooms shall be capable of providing five air changes per hour.
- P. Verifly/provide smoke detectors at all bedrooms and adjoining rooms per CRC. New smoke detectors at new bedrooms shall be 110v hard wired, interconnected with battery backup and installed as per sec. CRC.
- Q. 120v kitchen circuits require AFCI protection. [CEC 210.12(A)]
- P. Outdoor lighting fedures shall be high efficacy type and shall be controlled by a manual on-off that does no override to on the automatic actions of a motion sensor, photo-control astronomical time clock device or unless the override automatically reactivates to normal operation within 6 hours or the device is automatic programmed to turn the light off during daylight hours. [con: 15.0.0(s)]

ARTICLE 13 -MECHANICAL NOTES

- B. Provide proper clearance to vents from flue burning appliances from opening into building as per CMC
- C. All ducting sypply or return air for heating, cooling shall be conducted through a duct system as er CMC
- D. Environmental ducts shall terminate a minimum of 3ft from property line and opening into building system E. Under floor access at foundation stem shall not be used for mechanical chase unless designed for this purpo

ARTICLE 14 - INTERIOR WALL FRAMING NOTES

- a Interior walls shall be constructed from 2x4 D.F studs @16" O.C. with double too plates and a single bottom plate.
- B. Walls shall be covered with 1/2" gypsum board on all faces. Wall surfaces in water splash area shall be covered 1/2" water resistant gypsum per C.R.C.
- C. Walls shall be framed with crown of all studs on same side of wall.
- D. Prior to installation of gypsum wall shall be examined and modified as necessary to eliminate excessive wrapping or transitions which will result in unleveled or warped finish surfaces.
- E. Provide 2x blocking as necessary for cabinetry, plumbing fixtures, etc...
- F. Provide flat 2x blocking n alls at ceiling if not located at double too plates.
- G. All opening from wall cavity to under-floor or attic area shall be sealed with expansive foam, or equivalent
- H. Walls in shower / tub surrounds:
 - . Bathtub and shower floors and wall above bathtubs with installed shower heads and in shower compartments shall be finished with a non-absorbant surface. Such wall surfaces shall extend to a height not less than 6 feet above the floor. [CEC R207.2]
 - Ceramic tile surfaces shall be installed in accordance with the American National Standard Specification for Installation ANSI. A108.1, A108.4 through A108.6, A108.11, A118.1, A118.3, A138.1 and A137.1 (DRC R702.4.1) 3. Fiber Carment, Fiber-mat reinforced comentitious backer units, glass mat gypsum backers or fiber-reinforunced gypsum backers in compliance with ASTM C1288, C1325, C1178, or C1278 respectively and installed in accordance with manufacturer's recommendation shall be used as backers for wall tile in tub and shower areas and wall panied in shower areas. (CRC R702.4.2)

ARTICLE 15 - DRYER VENT NOTES

- A Exhaust rough-in is required during new construction
- B. Exhaust duct shall have a smooth metal interior.
- Exhaust vent shall terminate not less than 3ft, other building openings.
- F. Dryer vents less than 14' with two 90 degree bends max = minimum diameter of 4" 14' maximum length includes two 90 degree bends, each additional bend shall decrease the allowed length by 2 ft.

ARTICLE 16 - GENERAL FRAMING NOTES

- B. Any lumber with 8° of soil or in contact with concrete shall be Pressure Treated Douglas Fir or Redwood.
- C. Provide solid shim between trimmers and Headers as needed.
- 2x D.F. blocking shall be used when required by code for fire blocking. Cabinet installation and gypsum board nailing. Contractor shall determine all blocking locations prior to installing gypsum board.
- E. All cutting notching and bored holes shall comply with CRC.

ARTICLE 17 - SHOWER STALL NOTES

- A. Rough framing showers shall have a min. finished interior area of no less than 1,024 sq in, and also ence a 50 in, circle, Area and dimensions are measured at the top of the threshold and maintained to 70 in, m above the drain with no protrusions other than fixture valves, shower head, and safety bars or rails. Prov 154 fix178 min* high on face of studio for all walls of shower enclosure.
- Showers shall be provided with individual pressure balance or thermostatic mixing control valve:
- The maximum mixed water setting shall be 120 degrees Fahrenheit. Water Heater thermostat shall not be considered as suitable for meeting this requirement.
- C. <u>Shower Walts</u>; Shall be smooth, hard, non-absorbent surface over a moisture resistant underlayment to a height of 78° minimum above the drain injet.
- D. Shower Doors & Panels: Enclosures shall be fully tempered, laminated safety class or approved plastic per C.R.C.

ARTICLE 18 - EXTERIOR WALL FRAMING NOTES

- Wall exterior covered per siding specifications shown on elevations.
- C. Provide continuous 1/4" bead of sub-floor adhesive between sole plate and subfloor

ARTICLE 19 - ADDITIONAL NOTES

- A. Install insulation after building is weather tight & outside of rainy season
- At the conclusion of the work included in the permit, the structural observer shall submit to the building official
 written statement that the site visits have been made and identify any reported deficiencies that, to the best



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Burce & Tami Corum

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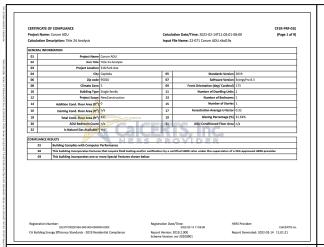
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Date

02

Scale: NTS

NOTES





Registration Number: 222-P0100291964-000-000-000000-0000 CA Building Energy Efficiency Standards - 2019 Residential Compliance

	m ADU ion: Title 24 Analysi	,			ation Da						00			(Page 5 of 9)
ENESTRATION / GLAZ	ING													
01	02	93	04	05	06	07	08	09	10	\perp	11	12	13	14
Name	Type	Surface	Orientation	Orientation Azimuth		Height (ft)	Mult.	Area (ft ²)	U-facti		U-factor Source	SHGC	Sourc e	Exterior Shading
3	Window	PWall	Front	173			1	77.9	0.32	Т	NFRC	0.35	NFRC	Bug Screen
1, 2	Window	twell	Left	263			1	39.7	0.32	\perp	NFRC	0.35	NFRC	Bug Screen
4,5	Window	RWa1	Right	83			1	21.9	0.32		NERC	0.35	NFRC	Bug Screen
ILAB FLOORS														
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DPAQUE SURFACE COI	NSTRUCTIONS 02	01	504	OIL VA	a a		He I)G	000				OE.	
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R-0 Garage Wall	Exterior Wal	ls Wood Framed Wall	2x6 @ 16 in. i	D. C.	R-		None	/ None	0.2	19	Inside Finish: Gypsum Board Cavity / Frame: no Insul. / 2x6 Exterior Finish: Wood Siding/sheathing/decking			isul. / 2x6 Nood
R-21 Wall	Exterior Wal	ls Wood Framed Wall	2x6 @ 16 in. i	R-i	I-21 None / None		0.0	66	Cavity / F Exterio		sh: Gypsum Board frame: R-21 / 2x6 ir Finish: Wood teathing/decking			

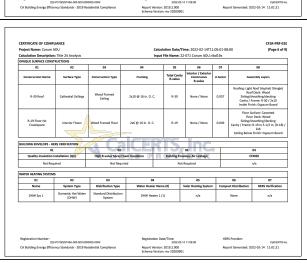
Project Name: Corum ADU Calculation Description: Title 24 Analysis					Calculation Date/Time: 2022-02-14T11:05:01-08:00 (Page 2 of Input File Name: 22-071 Corum ADU.ribd19x								
ENERGY DESIGN F	ATING												
		Energy Design Ratin	gs				ompliance M	irgins					
			Efficiency	(EDR)	Total ² (E	DR)		fficiency ¹ (EDF	1)	Total ^a (I	DR)		
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	Proposed Design		53.5		24.4			1.9		2			
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	Space Heating P		21.38	SPR	3 PROBIDER						1		
	Space Cooling IAQ Ventilation		8.95 11.61		9.32			-0.36 -0.59		-4 -51			
	Water Heating		43.41		37.66					18.2			
0.46	Jtilization/Flexibility Cre	alla.	n/a		0	ь		5.75		n/a			
	ompliance Energy Total	ui	85.36		76.0	8		9.28		10.9			
province av ove	TEMS - SIMPLIFIED												
01	02	03	04	05	06	07	68	09	10	11	12		
DC System Size (kWdc)	Exception	Module Type	Array Type	Power Electronics	cn	Azimuth (deg)	Tilt Input	Array Angle (deg)	Tilt: (x in 12)	Inverter Eff. (%)	Annual Solar Acces (%)		
1.69	NA.	Standard	Fixed	none	true	150-270	n/a	n/a	<=7:12	96	98		
Registration Number: 222-P010020H664-000-0000000-0000 CA Building Energy Efficiency Standards - 2019 Residential Compliance				Report Version: 2	Registration Date/Time: 2022-02-14 11.06.08 Report Version: 2012.2.000 Schama Marsine par 20200901				HERS Provider: CalCERTE Report Generated: 2022-02-14 11:01:21				

Project Name: (Calculation Des		24 Analysis						me: 2022-02-141 -071 Corum ADL					(Page 4 of 9)
ZONE INFORMAT	TION												
01		02	03		_	04		05		06			07
Zone Nan	ne	z one туре	HVAC Syste	m reame	Zone	Hoor Area (t*) Ave	centry neight	Wate	r Heating Sys	tem 1 W	racer He	orting System 2
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OPAQUE SURFAC	es												
01		02	03		04		05	06		07			08
Name		Zone	Construction	n	Azimi	uth 0	rientation	Gross Area (f	2)	Window and Door Area (ft2)		oor Tilt (deg)	
FWall	B	itire ADU	R-21 Wall	R-21 Wall			Front	250.1		77.9		90	
LWall	LWall Entire ADU		R-21 Wall	R-21 Wall		263		212		39.7		90	
BWsII Entire ADU		R-21 Wall			353		174		0			90	
RWall			R-21 WWI	. B	83		Right	212		21.9			90
Partition Flo				8-0 Garage Wall			n/a	441	9	n/a			n/a
FWall2		_Garage			175		Front	184.8	100	0			90
LWall2				R 0 Garage Wall			Left	184.8	_	0	_		90
BWM12		Garage		R-0 Garage Wall			Back			0			90
RWs/12		Garage	R-O Garage W	21	21	_	Right .	184.8					90
OPAQUE SURFAC	ES - CATHEDRAI	CEIUNGS 03	04	05	_	06	07	08	_	09	10	_	11
Name	Zone	Construction	Azimuth	Oriental	tion	Area (ft²)	Skylight An (ft ²)			Roof	Roof Emit	tance	Cool Roof
Roof	Entire ADU	R-30 Roof	0	n/a	_	445.3	0	1	۳	0.1	0.85	\dashv	No
Roof	Entire ADU	R-30 Roof	0	n/a		445.3	0	1		0.1	0.85		No

Registration Date/Time: 2022-02-14 11:06:08

Report Version: 2019.2.000 Schema Version: rev 20200901

Report Generated: 2022-02-14 11:01:21



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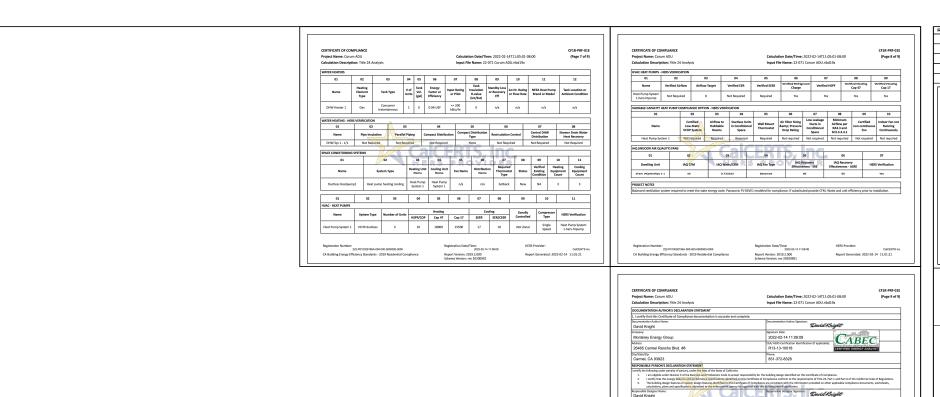
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REVISIONS: BY:

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REVISIONS: BY:

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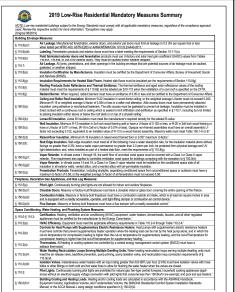
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318 PARK CAPITOLA, CA.

COMPLIANCE

02/14/2022 SCALE: AS NOTED AWN: MEG

T-2





	2019 Low-Rise Residential Mandatory Measures Summary
§ 150.00((3A)	Clearances. Air conditioner and heat pump outdoor condensing units must have a clearance of at least 5 feet from the outlet of any dryer vent
§ 150.0(h)38:	Liquid Line Orier. Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the monufacturer's instructions.
§ 150.0g)1:	Storage Tank Insulation. Unfined not water tanks, such as storage tanks and backup storage tanks for solar water-healing systems, must have a minimum of R-12 external insulation or R-16 internal insulation where the internal insulation R-value is indicated on the exterior of the tank.
§ 150.0[j2A:	What Priping, Solar Water-healing System Priping, and Spoca Conditioning System Line Installation. All corrects have valve priping must be installed as possible in Section (SELT on Collaboria Puriting Onlaboria Am 4500s, in the biology pinish condition must be an inhimum installation Am 4500s in the biology being condition must be an inhimum installation and section of 27% has to \$5 that of coll water pipes from the storage back all for value of 27% has to \$5 that of coll water pipes from the storage back all for value of piping with a control disclosure less than 34% and the storage of the storage back all for value from 1 for all for value from 1 for the first pricing sources to storage bank or between tensis, buried below goods, and from the first pricing sources to storage bank or between tensis, buried below goods, and from the first pricing sources to storage bank or between tensis, buried below.
§ 150.0g/3:	Insulation Protection. Perior insulation must be protected from damage, including that due to surlight, molitars, outpained must be served or sociation by Section 12:30,30,10 usudation exposed to resolven must be weet restands and protected from 10 hight in conditive begoes, insulation covering chilled water piping and infrigurant audion piping located outside the conditioned assess must include, or be protected by a Class to of Class II appear retainer. Province treatables have been groupd must be insulated in a weterproof and non-outsidate boards of protected by a Class to of Class II appear retainer. Province treatables have the deep region must be installed in a weterproof and non-outsidate boards or deserve.
§ 150.0(n)1:	Case of Program Plater Herding Systems. Systems rung age or program what hostem to be seen included develop until most included and for selections of the Montey. And cold for selection of the Montey and Case of the Montey and Case of the Montey and the Montey and the Montey and Montey
4 150.0 h/s2:	Recirculating Logos, Recirculating logos sening multiple dwelling units must meet the requirements of § 110.3ic/5.
§ 150.0(n)3:	Solar Water-heating Systems. Solar water-heating systems and collectors must be certified and nated by the Solar Rating and Centification Corporation (SRCC), the International Association of Plambing and Mechanical Officials, Research and Testing (MPNO R&T), or by a listing agency field is approved by the Sociation Director.
Ducts and Fans	Measures:
§ 110.8(d)3:	Ducts. Insulation installed on an existing space-conditioning duct must comply with California Mechanical Code (CMC) Section 694.0. If a contractor installs the insulation, the contractor must certify to the customer in writing, that the insulation meets this requirement.
§ 150.0(m)1:	ORC Complexes. As all exhibitions open and any algorithm nature and the supportment of the OCC Section ORI, 4022, 5000, 5000, 4022, 5000,
§ 150.0(m)2:	Factory-Fabricated Duct Systems. Factory-bolicated duct systems must comply with applicable requirements for duct construction, connections, and closures; joints and seems of duct systems and their components must not be seeled with cloth back rabber activisive duct spose unless such tape is used in combination with mastic and draw branch and seems and seems and seems and seems and seems and seems are seen as the components of the seems and seems are seen as the seems and seems are seen as the seems a
§ 150.0(m)3:	Field Fabricated Duot Systems. Field-fabricated duct systems must comply with applicable requirements for: pressure-sensitive tapes, massics, seelants, and other requirements specified for duct construction.
§ 150.0(n)7:	Backdraft Demper. Fan systems that exchange sir between the conditioned space and outdoors must have backdraft or automatic dampers.
§ 150.0(m)8:	Gravity Ventilation Dampers. Gravity vertilating systems serving conditioned space must have either automatic or readily accessible, manually operated dampers in all openings to the cetalde, except combustion inlet and cutlet air openings and elevator shall vents.
§ 150.0(m)9:	Protection of insulation, insulation must be protected from damage, sunlight, moisture, equipment maintenance, and wind, insulation respons to weather must be suitable for outdoor service. For example, syntected by eluminum, sheet metal, painted carriago, or plastic cover. Callutar fours insulation must be protected as above or painted with a coating that is water relatation and provides sitelying form solar insulation.
§ 150.0(n)10:	Parous Inner Core Flex Duct. Parous inner core flex ducts must have a non-parous layer between the inner core and outer vapor barrier.
§ 150.0)m(11:	Dect System Sealing and Leakage Test. When space conditioning systems use forced air duct systems to supply conditioned air to an occupation space, he down must be sealed and duct leakage leaked, as confirmed through field verification and diagnostic testing, in accordance with § 150(b)(r)(1 and Reference Residential Appendix RAD.
§ 150.0)m(12:	AF Fitzeise. Space conditioning systems with ductis occaseding 50 feet and the supply side of swellselon systems must have MERV 13 or equivalent filtors. Filters for space conditioning systems must have a 2 linch depth or can be 1 inch if stand par Equation 150.0-A. Pressure dro and stabiling must meet the requirement in §100.0(pt/12. Pillers must be accessible for regular service."
§ 150.0(m)13:	Space Conditioning System Airflow Rate and Pan Efficacy. Space conditioning systems that use ducts to supply cooling must have a hole for the placement of a static procuracy procur. Airflow must be 250 CFH per ton of nominal cooling capacity, and on an enhanding out the notices, or 6.0 west por CFH for gas furnice of indicates and 6.0 36 west por CFH for all others. Small duct this wiscoley systems must provide an airflow 250 CFH per ton for different cooling capacity, and an einheading with the reference for action that is all these difference floatistical transitions in accordance with Reference floatistical transition security in account provide an airflow 250 CFH per ton for difference floatistical transition security in account provide an airflow 250 CFH per ton for difference floatistical transition security in account provide and for the security of the secur

	2019 Low-Rise Residential Mandatory Measures Summary
§ 150.0(K)2G:	Interior Switches and Costrois. An energy management control system (ENCS) may be used to comply with control requirements if it provides functionality of the specified control cocording to § 1109, meets the Installation Contribute requirements of § 1500.4; meets the EMCS requirements of \$ 1500.04 and meets at other requirements in § 1500.04.
§ 150.0(k)2H:	Interior Switches and Costrols. A multiscene programmable controller may be used to comply with dimmer requirements in § 150.0(k) if it provides the functionality of a dimmer according to § 110.9, and complies with all other acceleration requirements in § 150.0(k)2.
§ 150.0(k)21:	interior Switches and Centrols. In betwooms, gatages, laundy rooms, and utility rooms, at least one luminaire in each of these spaces must be controlled by an occapitations or a vaccing sensor providing automatic off fundorality. If an occupied sensor is installed, it must be initially configured to manual-on operation using the manual control required under Societics 150,10(3)C.
150.0K(2J:	Interior Switches and Controls. Luminaires that are or contain light sources that meet Reference Joint Appendix JAS requirements for dimming, and that are not controlled by occupancy or vacancy sensors, must have dimming controls."
150.0K(2K:	Interior Switches and Controls. Under cabinet lighting must be controlled separately from ceiling-installed lighting systems.
§ 150.0(k)SA:	Residential Outdoor Lightings, For single-furnity residential buildings, cutdoor lighting parementity recursed to a residential buildings, or to other buildings on the same light may treat the requirement in item § 150,00,134 (DN and OFF switch) and the requirements in orthor § 150,00,1344 (pleaboot) and what a medion seems or outdensife time switch contribing or § 150,00,0344 (setrecomised time school), or an EMCS.
§ 150.0jk(3B:	Residential Outdoor Lighting. For low-lies residential buildings with four or more diretting units, outdoor lighting for private palice, entrances, beloceles, and porches; and esobrials paning loss and capports with less than eight vehicles per site must comply with either Section 150,003304 or with the applicable requirements in Sections 110,9 130,0, 130,0, 140,7 and 141,0.
§ 150.0(K)SC:	Residential Custoor Lighting. For how-the residential buildings with four or more deating such, say custoor lighting for residential patieng lots or casposis with a total of light or more whiches per also and any custoor lighting not requisated by Section 150.0(3B or Section 150.0)(3B or mail comply with the applicable regularements in Section 110.1 (3.100., 130.2, 130.0, 140.2) and 141.0, 140.7 and 141.0, 140.7 and 141.0.
§ 150.0(k)4:	Internally Bluminated address signs. Internally Bluminated address signs must comply with § 140.8; or must consume no more than 5 watts of power as determined according to § 130.0(c).
§ 150.0(K)6:	Residential Garages for Bight or More Vehicles. Upthing for residential perking garages for eight or more vehicles must comply with the applicable requirements for monosciential garages in Sections 110.3, 130.1, 130.1, 130.4, 140.6, and 141.0. Interior Common Areas of Low-dise Multiferrily Residential Buildings, in a low-dise multiferrily residential buildings, when the total interior
§ 150.0(q6A:	common area in a single building equals 20 percent or less of the floor area, permanently installed lighting for the interior common areas in that building must be comply with Table 150 0-A and be controlled by an occupant sensor.
§ 150.0(x)68:	Interior Common Anno of Loverina Mulffrenity Residential Subdings. In a love-free mulfill-entry expediential subdings where the total interior common area in a single beinging expense more than 20 present of the low area, permanently installed lighting for the inneitor common assess in first building must. 1. Comply with the supplicable invasionment in Sections 1003, 100, 1101, 1400 and 1410, and 1. Lighting installation contribute on a simple must be contribute by cooppart concern fundace the lighting power in each space by all least Lighting installation contribute and invasion shall be contributed on the lighting power in each space by all least Lighting installation contribute and invasion shall be contributed on the lighting to a confidence of the lighting shall be displayed and offer the all selection of classification of series.
Solar Ready Bui	
110.10(a)1:	Slegie Family Residences. Single family residences located in subdivisions with four or more single family residences and where the application for a tentative subdivision may for the residences has been deemed complete and approved by the enforcement agency, which do not have a photocolisic system installed, may complet with the residences of 4 for 10(fel) tentage is 19,10(s).
§ 110.10(a)2:	Low-rise Multifamily Buildings. Low-rise multi-family buildings that do not have a photovoltaic system installed must comply with the enquirements of 5 110.10(b) through 6 110.10(b).
§ 110.10(b)1:	Weissen filled Zeine Ana. The size own must have a minimal trail as an all southerfolders. The size own must comply with access produces, sortion weillings of quantity produces and southerfolders. The Si.A. Part of the Si.A. of the size of the Si.A. of the Si.A. of the size of the Si.A. of the Si.A. of the size of the Si.A. of the size of the Si.A. of th
§ 110.10(b)(2:	Azimuth. All sections of the solar zone located on steep-sloped roofs must be oriented between 90 degrees and 300 degrees of true north.
§ 110.10(b)3A:	Shading. The solar zone must not contain any obstructions, including but not limited to: vents, chimneys, architectural features, and roof mounted equipment.
§ 110.10(b)38:	Shading, Any obstruction located on the not or any other part of the budding that projects above a scalar zone must be located at least twice the distance, measured in the incrizontal plane, of the height difference between the highest point of the obstruction and the horizontal projection of the nessent point of the solar zone, measured in the vertical plane.
§ 110.10(b)4:	Structural Design Loads on Construction Documents. For areas of the roof designated as a solar zone, the structural design loads for roof dead load and roof live load must be clearly indicated on the construction documents.
§ 110.10(c):	Interconnection Pathways. The construction documents must indicate: a location reserved for inverters and metoring equipment and a pathway reserved for using of conduit from the solar zone to the point of interconnection with the electrical service; and the rigide lentily enabled producting control water-feeding systems, and certain water-feeding systems, and certain water-feeding systems are considerable and not the water-feeding systems.
§ 110.10(d):	Documentation. A copy of the construction documents or a comparable document indicating the information from § 110.10(b) through § 110.10(c) must be provided to the occupant.
110.10(e)1:	Main Electrical Service Panel. The main electrical service panel must have a minimum busbar rating of 200 amps.
110.10(e)2:	Main Electrical Service Panel. The main electrical service panel must have a reserved space to allow for the installation of a double pole circuit breaker for a future solar electric installation. The reserved space must be permanently marked as "For Future Solar Electric".

REVISIONS: BY:

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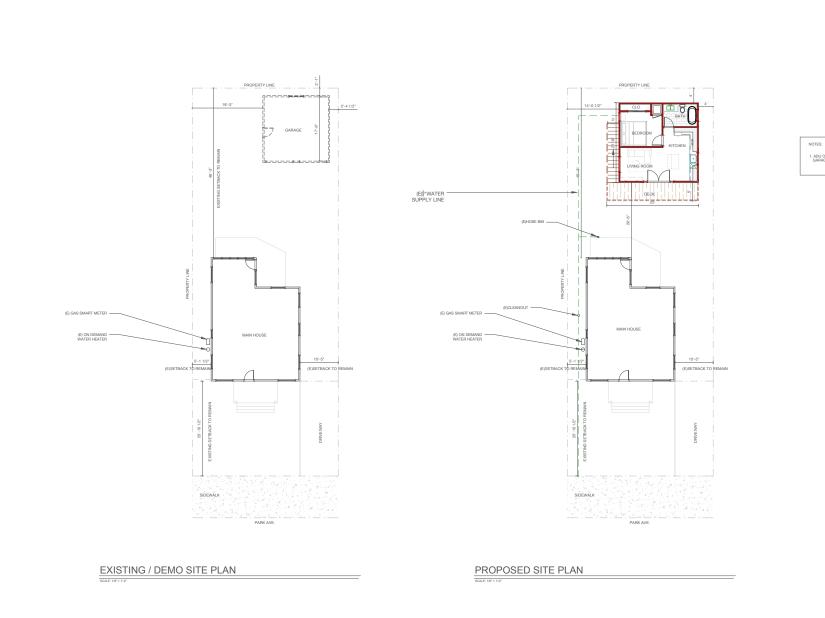
2019 LOW-RISE ESIDENTIAL MANDATORY MEASURES SUMMARY

DATE: 02/14/2022 SCALE: AS NOTED

DRAWN: MEG CHECKED: CHECKED:

TILE NAME:

T-3





ADU OVER GARAGE TO REPLACE EXISTING GARAGE.

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

studio GLDN

General Contractor
JAVE DOWLING
LICH SHEEKE

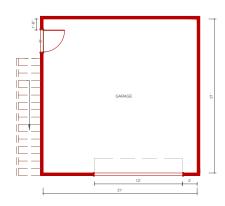
Owner,
Burce & Tami Corum

Scale: NTS

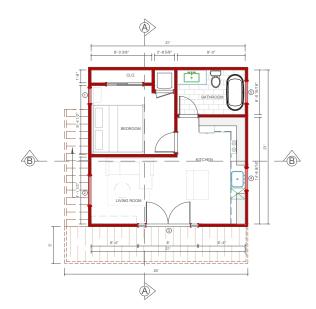
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EXISTING / PROPOSED





PROPOSED FIRST STORY FLOOR PLAN



PROPOSED SECOND STORY FLOOR PLAN



1. DOOR & WINDOW SIZES VERIFIED N SITE BY GC.

5. ENTRY DOOR AND SIDELIGHT TO BE TEMPERED AND HAVE SAFETY GLAZING 6. SHOWER WALLS TO HAVE A SMOOTH, HARD & NON-ABSORBANT SURFACE OVER A MOISTURE RESISTANT UNDERLAYMENT TO A HEIGHT MINIMUM OF 72" ABOVE FLOOR

FLOOR

1. LANDING OUTSIDE ALL EXTERIOR DOORS
NOT MORE THAN 1 12" LOWER THAN
THRESHOLD FOR OUT SWINGING DOORS

8. EVERY SLEEPING ROOM SHALL HAVE NOT
LESS THAN ONE OPERABLE EMERGENCY
ESCAPE AND RESCUE OPENING. (CRC R310)

10. TOP PLATE AT 8'

11. SEE STRUCTURAL DETAILS SHEET S1-S5 12. ENLARGED MASTER BATH PLAN ON SHEET 7

13. SEE SECTIONS ON SHEET 13

14. TRASH SHALL BE LOCATED IN GARAGE

WINDOW S	CHEDULE	
WINDOW SIZE AND TYPE	SYMBOL	NOTES
24" x 48" DOUBLE HUNG	1	EGRESS
48" X 60" DOUBLE HUNG	2	TEMPERED
72" X 84" FRENCH DOOR	3	TEMPERED
36" X 48" DOUBLE HUNG	4	TEMPERED/ OPAQUE
36" X 24" HALF VENT	6	TEMPERED/ OPAQUE

studio GLDN

Studio GLDN 2825 S RODEO GULCH I SOQUEL CA 95073 801-229-5153

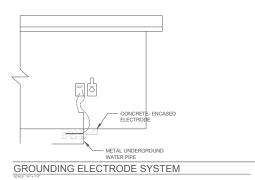
JAKE DOWLING LICH 846846 Owner: Burce & Tami Corum

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

Date

Scale: NTS 07

PROPOSED FLOOR PLAN



WORK TO BE PREFORMED:

1. UPDATE ALL EXTERIOR LIGHTING TO BE HIGH EFFICACY AND MEET CODE.

2. ALL NEW ELECTRICAL AT ADU

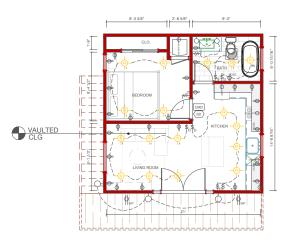
3. NEW SUB PANEL 100AMP AT ADU

4. PIPE 70 AMR TO SUB UNIT AT 4AWG COPPER WIRE.

5. GROUNDING ELECTRODE SYSTEM: A. METAL UNDERGROUND WATER PIPE. [CEC 250.52(A)(2)]

SUB PANEL RBWG 8'6" AFF

ELECTRICAL PLAN FIRST STORY



ELECTRICAL PLAN SECOND STORY

NOTES:

LEGEND - ELECTRICAL TYPE: 4" RECESSED LEE 2700K OR 3000K MNF: JUNO OR EQUINAL TYPE: 4" RECESSED L
MNF: JUNO
TRIM WET LOCATION
APPROVED

 \otimes FAN-LIGHT

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Ф_{GFI} ${\displaystyle \bigoplus_{WP}}$ #

-J Junction Dedicates Box Circuit

\$ \$, \$4 \$_□ \$₌ Dimmer Fan

\$_s

 $\overline{}$ V_{CATV} Telephone Jack Cable / tv

0 T Existing

 $\langle \mathrm{SD} \rangle$ CMD

LIGHTING LOCATIONS TO BE FIELD VERIFIED WITH ELECTRICAL WALK-THRU WITH DESIGNER AND HOMEOWNER. SOME ELECTRICAL LOCATIONS ARE SUBJECT O CHANGE.

3. SMOKE DETECTOR AND CARBON MONOXIDE DETECTOR LOCATIONS ARE TO BE VERIFIED ON SITE - PER CODE.

4. ALL LIGHTING IS TO BE HIGH EFFICACY AND MEET THE REQUIREMENTS OF SECTION 150.0 (K) AND JOINT APPENDIX

5. ALL LIGHTING IS TO BE JA8

5. ALL LIGHTINGS TO BE JAM
6. LIMINARIES RECESSED IN INSULATED
CEILINGS SHALL COMPLY WITH THE
FOLLOWING:
A. SHALL BE ZERO CLEARANCE IC
LISTED AND CERTIFEED AIR TIGHT
B. BE SEALED WITH CASKET OR CALLK
BETWEEN LLIMINARIES HOUSING AND
CEILING, AND AT ALL ARL LEEK PATHS BETWEEN CONDITIONED AND

UNCONDITIONED SPACES C. SHALL NOT CONTAIN SCREW BASE SOCKETS

7. ALL OUTDOOR LIGHTS TO BE HIGH EFFICACY AND TO BE CONTROLLED BY PHOTOCELL & MOTION SENSOR

8. BATHROOM EXHAUST FANS TO BE HARDWIRED WITH AUTOMATIC SENSORS

9. A MINIMUM OF 50 CFM INTERMITENT BATHROOM EXHAUST FAN WILL BE INSTALLED IN BATHROOM. FANS WILL BE ENERGY STAR RATED AND SHALL HAVE A HUMIDISTAT CONTROL

10. ALL APPLIANCES ARE TO BE ENERGY STAR RATED AND FOLLOW LOCAL AND STATE CODE.

11. ALL WORK WILL CONFORM TO THE NEC AND ALL LOCAL APPLICABLE CODES. EXACT DEVICE LOCATIONS ARE SUBJECT TO JOB CONDITIONS. FINAL OUTLET AND RECESSED LIGHT FIXTURE LOCATIONS ARE TO BE DETERMINED PER ACTUAL SITE

12. METER LOCATION IS TO BE DETERMINED BY LOCAL UTILITY COMPANY

13. EXTERIOR OUTLETS ARE TO BE TAMPER - RESISTANT, GFI PROTECTED, AND SHALL BE HOUSED IN AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED, PER CEC.

14. 120V RECEPTACLE OUTLET IS TO BE WITHIN 3 FEET OF THE EXTERIOR WATER HEATER THAT S ACCESSIBLE WITHOUT OBSTRUCTION. OUTLET S TO BE LISTED WEATHER RESISTANT TYPE, GFI PROTECTED, TAMPER RESISTANT, AND PHOTECTED, TAMPEN HESISTANT, AND HOUSED IN AN ENCLOSURE THAT IS WEATHERPROOF WETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN OUTLET BOX HOOD INSTALLED FOR THIS PURPOSE SHALL BE LISTED AND SHALL BE IDENTIFIED AS "EXTRA DUTY"

15. ALL SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND INSTALLED N ACCORDANCE WITH THE PROVISIONS OF CRC R314.1 AND THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS F NFPA 72.

16. SMOKE ALARMS RE O E INSTALLED THE FOLLOWING LOCATIONS (GRC R314) A. IN EACH SLEEPING ROOM B. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDRICOMS C. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS.

17. ALL BRANCH CIRCUITS SUPPLYING 15/20 AMPERE OUTLETS IN FAMILY ROOMS, PARLORS, DEN, BEDROOM, SHANDONS, RECREATION ROOM, CARDEN, FALLWAYS, KITCHENS, LAUNDRY ROOM, CO SET, HALLWAYS, KITCHENS, LAUNDRY ROOM, OR SIMILAR ROOMS/

18. GFCI OUTLETS ARE REQUIRED: FOR ALL KITCHEN RECEPTACLES THAT ARE DESIGNED TO SERVE COUNTERTOP ARE DESIGNED TO SERVE COUNTERTOP SURFACES, DISHWASHERS, BATHROOMS, IN UNDER-FLOOR SPACES OR BELOW GRADE LEVEL, IN EXTERIOR OUTLETS, WITHIN 5" OF A LAUNDRY/UTILITY/ WET BAR SINK, LAUNDRY/AREAS, AND IN ALL GARAGE OUTLETS INCLUDING OUTLETS DEDICATED TO A SINGLE DEVICE OR GARAGE DOOR OPENER. (CEC 210.8)

19. ALL SMOKE AND CARBON-MONOXIDE ALARMS SHALL BE HARDWIRED WITH A BATTERY BACKUP. (CRC R314.4 & R315.1.2) (SMOKE ALARMS SHALL HAVE A 10 YEAR SEALED BATTERY)

20. All RECEPTACLE LOCATED OUTSIDE, IN BATHROOM OR KITCHEN ARE WITHIN 6' OF SINK EDGE AND SHALL BE GFCI

studio GLDN

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Date

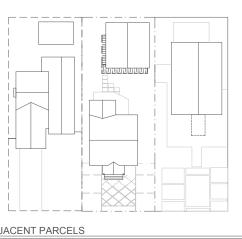
Scale: 1/4 = 1'-0" 80

ELECTRICAL

39'-9 1/2" PROPERTY LINE 14'-0 1/2 EXISTING SETBA TO REMAIN

SITE PLAN

39'-9 1/2" PROPERTY LINE **⋖**SLOPE -SLOPE **⋖**FIOPE SLOPE



NOTE:

ROOF PLAN

 APN:
 03609413

 Drawing Log
 Date

Scale: 3/16 = 1'-0" 09

studio GLDN

General Contractor
JAVE DOWLING
LICH SHIBHS

OWNER.

Burce & Tami Corum

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

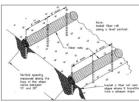
SITE PLAN / ROOF

ADJACENT PARCELS

STORM DRAINS



CONTOUR MAP



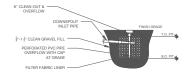
TYP. INSTALLATION

E X 3/4" x 3/4" spacing

ENTRENCHMENT DETAIL

FIBER ROLLS

NOTE:
HOMEOWNERS ARE REQUIRED TO INSPECT DISSIPATION PIT PRIOR TO RAINY SEASON TO ENSURE THE LONG TERM FUNCTIONALITY OF THE SYSTEM HOMEOWNERS TO INSPECT LIBER TO ENSURE THAT SEDIMENT IS NOT CLOGGING DISSIPATION PIT LINER.



DISSIPATION PIT

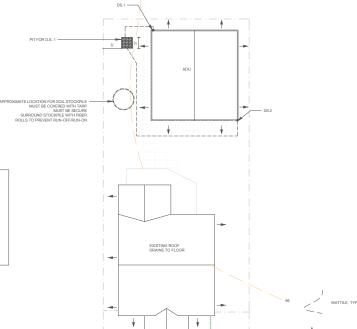
EROSION CONTROL NOTES:

EROSION CONTROL NOTES:

1. NO LAND CLEARING, GRADING OR EXCAVATION SHALL BE DONE BETWEEN OCTOBER 15TH AND APRIL 15TH. ANY DEVIATION FROM THIS CONDITION REQUIRES
2. IN JULIA CLEARING, GRADING OR EXCAVATION SHALL BE DONE BETWEEN COTOBER 15TH AND APRIL 15TH. ANY DEVIATION FROM THIS CONDITION REQUIRES
2. IT SHALL BETWEEN RESPONSIBILITY OF THE OWNER AND THE PREMIETE TO ENLINE THAT EROSION DOES NOT OCCUS FROM ANY ACTIVITY DURNS OR AFTER
PROJECT CONSTRUCTION ADDITIONAL MEASURES. BEYOND THOSE SPECIFIED, MAY MER REQUIRED BY THE PLANNING DRECTOR AS DESIDEN DECESSARY TO CONTROL ACCELERATED EROSION.

THE EDIVELOPER SHALL MILL TEMPORARY MEASURES RECESSARY TO PREVENT BETWEEN ON DELIN ANY ACTIVITY DURNS OR AFTER
THE EDIVELOPER SHALL MILL SHE THAT THE APPROVATE MEASURES RECESSARY TO PREVENT BETWEEN OR SHALL ARROS ON THE AFTER THAT THE PROJECT HAS BEEN FRANCED
THESE MEASURES SHALL MILLDE, BUT NOT BE LIMITED TO DIRECT SECRICING OF THE AFFECTED AREAS. SAW MALLOHING, ANDOR INSTALLATION OF STRAW MEASURED BURNSHIP FEMCES
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3. ALL ARROS ON THE AFFECT AREAS.

STORM WATER MANAGEMENT PLAN



GRADE DIRECTION

AREA OF DISTURBANCE / LIMITS OF GRADING NOTE:
NOTE:
THE AREA IS GENERALLY FLAT. ALL AREA DISTURBANCE WILL BE RECOMPACT DEPTH OF SOIL REMOVAL & RECOMPACTION TO BE DETERMINED BY THE SOIL REPORT. THERE WILL BE NO NEW CONTOURS ATTER GRADING, UNO

SHEET NOTES:

STOM WINE-POLITION CONTROL MANUAL

THE GEOTETIONAL BONNERS SHOULD BE PRIOR TO
MAY SITE LAKING OF CRIZING, SO THAT THE WORK IN
THE FELL ON AN COORDINATE WITH THE GRADING
FOR THE FELL OF THE CHARGE OF THE CHARGE OF THE CHARGE OF THE THE CHARGE OF THE CHA

C
WHERE REFERENCED IN THE SOILS REPORT,
PERCENT RELATIVE COMPACTION AND OPTIMUM
MOISTURE CONTENT SHALL BE BASED ON ASTM TEST
DESIGNATION D1557.

D
AREAS TO BE GRADED SHOULD BE CLEARED OF ALL
OBSTRUCTIONS INCLUDING LOOSE FILL, TREES NOT
DESIGNATED TO REMAIN, AND OTHER UNSUITABLE
MATERIAL (IE: COBBLES GREATER THAN 6 INCHES IN
DIAMETER). EXISTING DEPRESSIONS OF VOIDS CREATED
DURING STE CLEARING SHOULD BE BACKFILLED WITH
ENSINEERING

E.

CLEARED AREAS SHOULD THEN BE STRIPPED OF ORGANIC-LADEN TOPSOIL. STRIPPING DEPTH IS TYPICALLY FROM 26 INCHES. ACTUAL DEPTH OF STRIPPING SHOULD BE DETERMINED IN THE FIELD BY THE GEOTECHNICAL ENGINEER. STRIPPING SHOULD BE DETERMINED IN THE FIELD BY THE BEOTECHNICAL ENGINEER. STRIPPING SHOULD BE WASTED OFF-SITE OR STOCKPILED FOR USE IN THE LANDSCAPED AREAS IF DESIRED.

DANISAMELARIAS IF DESIRED.

THE CLAYE'S DIS ENCOUNTESED IN THE MEAR SURFACE SOLS, FROM APPROXIMATELY 1T 0.2.5 FEET BELOW EXISTING GRADE, EXHIBITED MODERATELY EDWANNEY PROPERTIES IN ONE OF THE THERE TEST SOLS ENCOUNTESED AT THE BOTTOM OF THE FOUNDATION EXCAVATIONS FOR THE NEW ADDITION SHOULD BE REMOVED AND REPLACED WITH NON-EXPANSIVE ENGINEERED FLICKED WITH NON-EXPANSIVE ENGINEERED FLICKED.

G.
THE SURFACE SOILS ARE CLASSIFIED AS HAVING A
LOW TO MODERATE POTENTIAL FOR EROSION, FINISHED
GROUND SURFACE SHOULD BE PLANTED WITH GROUND
COVER AND CONTINUALLY MAINTAINED TO MINIMIZE

IMPORT MATERIALS TO BE USED AS ENGINEERED FILL SHOULD BE GRANULAR, FREE OF ORGANIC MATERIALS, AND CONTAIN NO ROCKS IN EXCESS OF 2 INCHES IN SIZE OR OTHER DELETERIOUS MATERIALS.

J. IF GRADING IS PERFORMED DURING OR SHORTLY IF GRADING IS PERFORMED DURING OR SHORTLY AFTER THE RAMY SEASON THE ON-SITE SOLIS AND OTHER MATERNALS MAY BE TOO WET IN THEIR EXISTING CONDITION TO BE USED AS ENGINEERED FILL THESE MATERIALS MAY REQUIRE A DILIGENT AND ACTIVE DRYING ANDIOR MIXING OPERATION TO REDUCE THE MOISTURE CONTENT TO THE LEVELS REQUIRED TO 06 TAIN ADEQUATE DOMPACTION AS AN ENGINEERED FILL.

SEDIMENT CONTROL NOTES:

FIBER ROLLS ("WATTLES")

FIGER ROLLS ("WATTLES")

I FIGER BOLLS ARET DO BE PLACED AT THE DOWN SLOPE
PERMETER OF THE DISTURBANCE LIMITS TO
PREVENT OR LIGHT ENGEMENT FROM LEVENUM THE SITE.

PREVENT OF LIGHT ENGEMENT FROM LEVENUM THE SITE.

STREETS, FIGER ROLLS SHALL BE PLACED AT THE BOAK OF
A SIGNMALK OR QUISITED TOURS TOURS FOR THE PLACE AT THE BOAK OF
OFFISIST FERNES PRIER FOLLS ARE SETS USED IN
LOW-EXPOSURE LOW STEEMER TOURS ARE SETS USED IN
LOW-EXPOSURE LOW-SEDIMENT LOW AREAS, FIRER ROLLS ARE
THE TIES OF SORDERS GREATER THAN SHAP IN 1919 MAY
NIST HALLTONS ACHIEVING THE SMAP PROTECTION

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(E.G., STACKED SMALLER DIAMETER FIBER ROLLS, ETC.). FIBER ROLLS MUST BE ADEQUATELY TRENCHED TO BE EFFECTIVE

STORM DRAIN IN ET PROTECTION
PROJECTS THAT NULLIES STORM DRAIN NETS OR
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JAKE DOWLING LICH SHESHS

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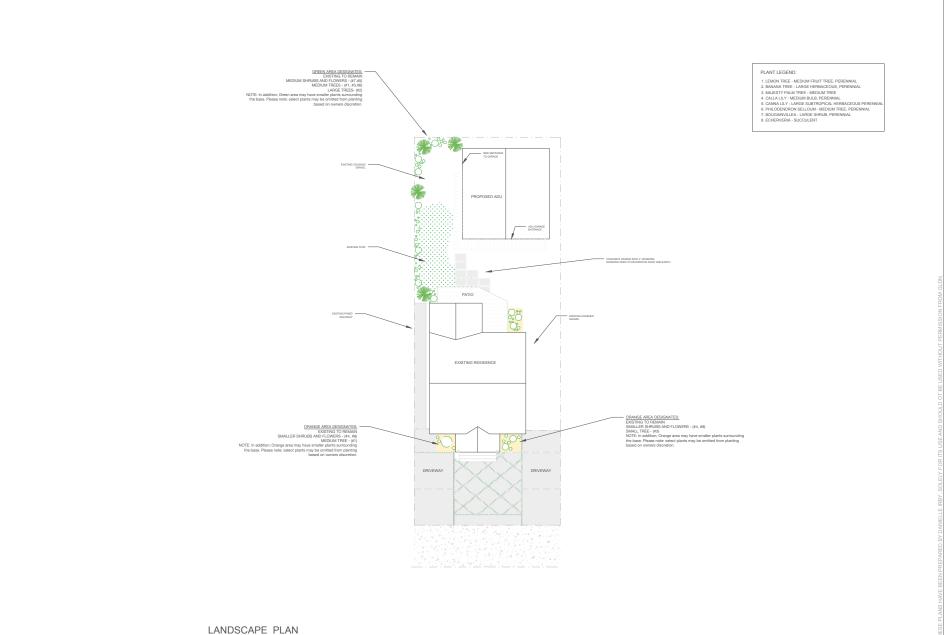
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03609413 Date

Scale: 1/8 = 1'-0"

10

STORM WATER MANAGMENT PLAN



studio GLDN

General Contractor
JAVE DOWLING
LICE \$46646

Owner.
Burce & Tami Corum

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

 APN:
 03609413

 Drawing Log
 Date

Scale: 3/16 = 1'-0"

11 SITE PLAN / ROOF

DRAWN BY:



EXISTING MAIN RESIDENCE

MATERIALS

MATERIALS ARE TO MATCH EXISTING MAIN RESIDENCE SIDING, HARDIFLANK SIDING, HARDIFLANK ON WINDOWS: WHOO WAS AND HOOR: NANO-ACCORDION DOOR GARAGE SIDE DOOR: CEDAR OF THE MATCH EXISTING / VINYL AND GLASS ADU DOOR: NANO-ACCORDION DOOR GARAGE SIDE DOOR CEDAR



TRIM: PAPER WHITE - BENJAMIN MOORE

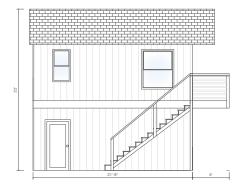
DOOR: CHANTILLY LACE - BENJAMIN MOORE



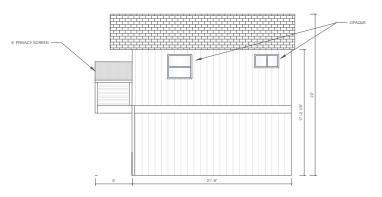
PROPOSED EXTERIOR ELEVATION | SOUTH



PROPOSED EXTERIOR ELEVATION | NORTH



PROPOSED EXTERIOR ELEVATION | WEST



PROPOSED EXTERIOR ELEVATION | EAST

1. SIDING, ROOF AND APPLICABLE MATERIALS TO BLEND WITH EXISTING.

2. EXTERIOR SCONCE HEIGHT TO BE FIELD VERIFIED

DECK NOTES:

ARTICLE 1 - DECK FOLINDATION

A. Footings shall bear on solid ground and shall be placed at least 12" below the undisturbed ground surface

ARTICLE 2 - DECK FRAMING

Deck framing shall be of approved naturally durable or pressure preservative-treated wood.

Stainways shall not be less than 36° in clear width above the handrals. Handrall projections are limited to not more than 4.5° on either side of the stainway.
 Headroom shall not be less than 6'8' measured vertically from the sloped line adjoining the tread notings.

Least are.

D. Tread depth shall be at least 10°. The largest tread depth within any flight of states shall of exceed the smallest by more than 30°.

E. Nosings not least than 0.75° but not more than 1.25° shall be provided on the stativeay with soci intens if the sead depth is less than 1.1°. The stativeay with soci intens if the read depth is less than 1.1° he shall set of curvature at the nosing shall be no greater than 0.16°.

ARTICLE 3 - HANDRAIL

Handralls shall be provided on at least one side of each continue flight of stair with four or more risers. CRC R311.7.8
 The top of handralls shall be 34 to 38 inches above the tread notings.

Handralis ends shall be returned or shall terminate in newel pos
 or safety terminals. Handralis adjacent to a wall shall have a
 space f not less than 1-1/2" between the wall and the handralis.

ARTICLE 4 - GUARDRAIL

Guards shall be located open sided walking surfaces, including stairs, porches, balconies, or landings, that are located more that of any point within 36" horizontally to the edge of the open circle.

Guards shall not have openings from the walking surface to the required guard height which allows passage of a sphere 4" in clameter.

along the top of the rail.

ARTICLE 5 - LANDINGS

A. Exterior doors onto decks/porches shall be provided with landings. The width of each landing shall be not less than the door served. Every landing shall have a minimum dimension of 56° massaved in the direction of shell. Estimor investigates are permitted to have a slope not exceeding 14 unit vertical in 15 unter horizontal.

Exterior landings are the required egress door shall not be more than 1.5" lower than the top of the threshold for the out-winding door and not more than 7.75" below the top of the threshold for the in swinging door.
 Coos other than he required egress door shall be provided with landings not more than 7.75" below the top of the threshold.

Exterior stainways shall be provided with an artificial light source located in the immediate vicinity of the top landing of the stainway Lighting shall be controlled from inside the dwelling unit.

ARTICLE 6 - ADDITIONAL NOTES

If needed all new timber floor joist shall be located more than 18' clear of crawl space ground or wood girders when closer than 12'. Or shall be from preservative-treated wood.

B. Fasterner, including rate and wathers in contact with preservative treated wood shall be of hot disped zinc-custed galvanted steel, state-instead second shall be of hot disped zinc-custed galvanted steel, state-instead set, sitch price and weights for connectors in contact with preservative treated wood shall be in accordance with the connectors manufacture's recommendations, aminimum of as tha 863 type G185 Zinc-coated galvanted steel, or equipment, shall be used.

C. See structural plans for guardrail details.

D. DECK IS TO HAVE 4 - 6" RISERS.

studio GLDN

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JAKE DOWLING LICH SHESHS

Burce & Tami Corum

318 PARK AVE CAPITOLA CA 95010

CORUM

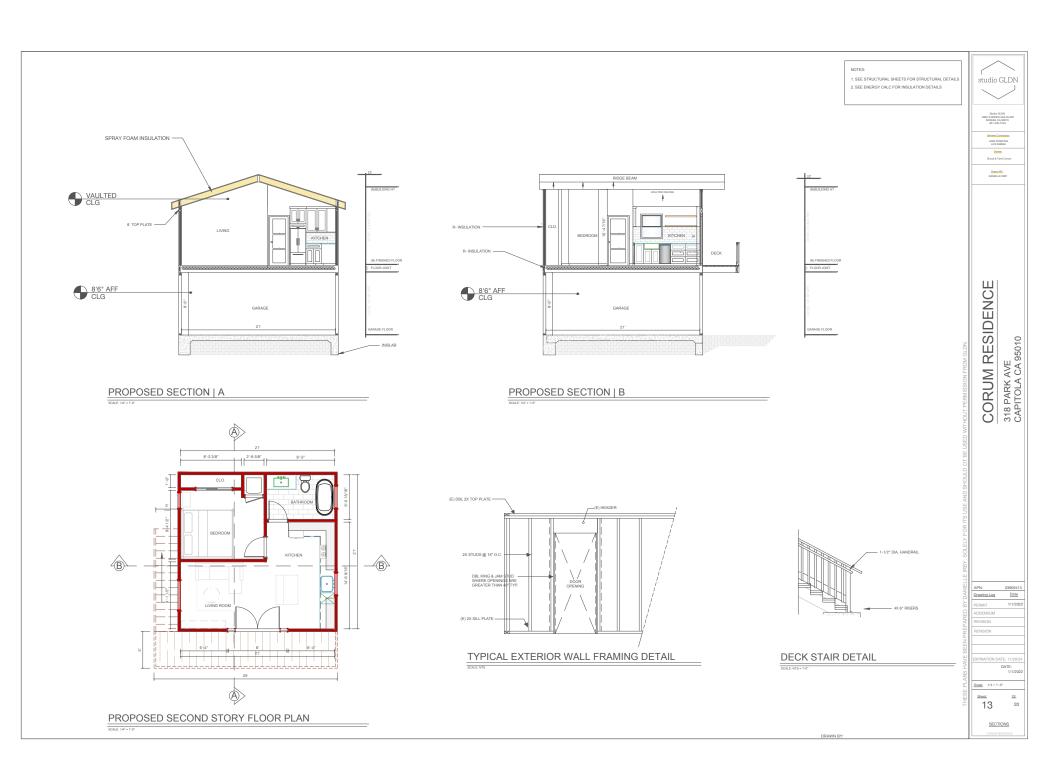
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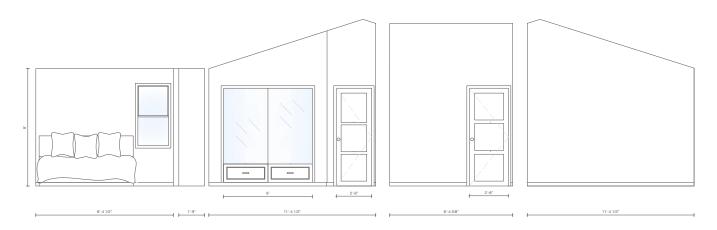
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EXTERIOR ELEVATOIN

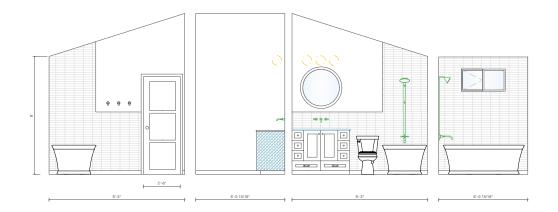
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MASTER BEDROOM ELEVATION



MASTER BATHROOM ELEVATION

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

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General Contractor,
JAKE DOWLING
LICH B46646

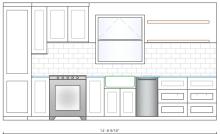
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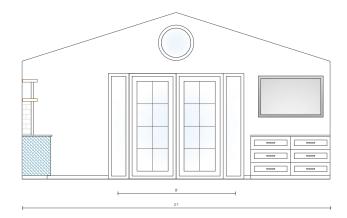
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INTERIOR ELEVATION





LIVING ROOM / KITCHEN ELEVATION





LIVING ROOM ELEVATION

CORUM RESIDENCE 318 PARK AVE CAPITOLA CA 95010

studio GLDN

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General Contractor
JAKE DOWLING
LICH 848846

Owner,
Buroe & Tami Corum

Scale: 1/2 = 1'-0" 15

INTERIOR ELEVATION

5 5 N 06. 6832 04/24/2022

SCALE IN FEET : 1" = 10" DISTANCES ARE IN FEET AND DECIMALS THEREDF

BASIS OF BEARINGS

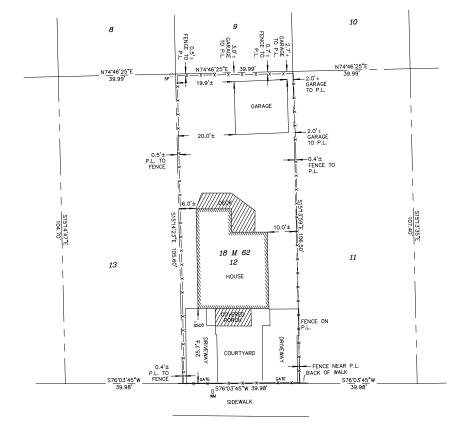
FOR THIS SURVEY IS NAD83 (2022) CCS ZONE 3 ESTABLISHED USING RTK GPS TECHNIQUES AND ACCESSED USING SMARTNET NORTH AMERICA.

LEGEND

 — SUBJECT BOUNDARY — — ADJOINER BOUNDARY -x-x-x- FENCE CENTERLINE

P.L. PROPERTY LINE SP SERVICE POLE

SSCO SANITARY SEWER CLEAN OUT WATER METER



PARK AVENUE 50' WIDE