STORM WATER POLLUTION CONTROL PLAN REQUIREMENTS

LANDSCAPE MATERIALS SHALL BE IMPLEMENTED.

• ALL LOOSE STOCKPILED CONSTRUCTION MATERIALS THAT ARE NOT ACTIVELY BEING USED (I.E. SOIL, SPOILS,

AGGREGATE, FLY-ASH, STUCCO, HYDRATED LIME, ETC.) SHALL BE COVERED AND BERMED. • ALL CHEMICALS SHALL BE STORED IN WATERTIGHT CONTAINERS (WITH APPROPIATE SECONDARY CONTAINMENT

TO PREVENT ANY SPILLAGE OR LEAKAGE) OR IN A STORAGE SHED (COMPLETELY ENCLOSED). • EXPOSURE OF CONSTRUCTION MATERIALS TO PRECIPITATION SHALL BE MINIMIZED. THIS DOES NOT INCLUDE

MATERIALS AND EQUIPMENT THAT ARE DESIGNED TO BE OUTDOORS AND EXPOSED TO ENVIRONMENTAL CONDITIONS (I.E. POLES, EQUIPMENT PADS, CABINETS, CONDUCTORS, INSULATORS, BRICKS, ETC.) • BEST MANAGEMENT PRACTICES TO PREVENT THE OFF-SITE TRACKING OF LOOSE CONSTRUCTION AND

WASTE MANAGEMENT: • DISPOSAL OF ANY RINSE OR WASH WATERS OR MATERIALS ON IMPERVIOUS OR PERVIOUS SITE SURFACES OR

INTO THE STORM DRAIN SYSTEM SHALL BE PREVENTED. • SANITATION FACILITIES SHALL BE CONTAINED (E.G. PORTABLE TOILETS) TO PREVENT DISCHARGES OF

POLLUTANTS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING WATER, AND SHALL BE LOCATED A MINIMUM OF 20 FEET AWAY FROM AN INLET, STREET OR DRIVEWAY, STREAM, RIPARIAN AREA OR OTHER DRAINAGE

 SANITATION FACILITIES SHALL BE INSPECTED REGULARLY FOR LEAKS AND SPILLS AND CLEANED OR REPLACED AS COVER WASTE DISPOSAL WASTE CONTAINERS AT THE END OF EVERY BUSINESS DAY AND DURING A RAIN EVENT.

• DISCHARGES FROM WASTE DISPOSAL CONTAINERS TO THE STORM WATER DRAINAGE SYSTEM OR RECEIVING

 STOCKPILED WASTE MATERIAL SHALL BE CONTAINED AND SECURELY PROTECTED FROM WIND AND RAIN AT ALL TIMES UNLESS ACTIVELY BEING USED.

 PROCEDURES THAT EFFECTIVELY ADDRESS HAZARDOUS AND NON-HAZARDOUS SPILLS SHALL BE IMPLEMENTED. • EQUIPMENT AND MATERIALS FOR CLEANUP OF SPILLS SHALL BE AVAILABLE ON SITE AND THAT SPILLS LEAKS

SHALL BE CLEANED UP IMMEDIATELY AND DISPOSED OF PROPERLY; AND • CONCRETE WASHOUT AREAS AND OTHER WASHOUT AREAS THAT MAY CONTAIN ADDITIONAL POLLUTANTS SHALL

BE CONTAINED SO THERE IS NO DISCHARGE INTO THE UNDERLYING SOIL AND ONTO THE SURROUNDING AREAS. • MEASURES SHALL BE TAKEN TO PREVENT OIL, GREASE, OR FUEL TO LEAK IN TO THE GROUND, STORM DRAINS OR

• ALL EQUIPMENT OR VEHICLES, WHICH ARE TO BE FUELED, MAINTAINED AND STORED ONSITE SHALL BE IN A

DESIGNATED AREA FITTED WITH APPROPIATE BMPs. • LEAKS SHALL BE IMMEDIATELY CLEANED AND LEAKED MATERIALS SHALL BE DISPOSED OF PROPERLY.

• CONTAIN STOCKPILED MATERIALS SUCH AS MULCHES AND TOPSOIL WHEN THEY ARE NOT ACTIVELY BEING USED. • CONTAIN FERTILIZERS AND OTHER LANDSCAPE MATERIALS WHEN THEY ARE NOT ACTIVELY BEING USED. • DISCONTINUE THE APPLICATION OF ANY ERODIBLE LANDSCAPE MATERIAL WITHIN 2 DAYS BEFORE A FORECASTED

RAIN EVENT OR DURING PERIODS OF PRECIPITATION. • APPLY ERODIBLE LANDSCAPE MATERIAL AT QUANTITIES AND APPLICATION RATES ACCORDING TO MANUFACTURE RECOMMENDATIONS OR BASED ON WRITTEN SPECIFICATIONS BY KNOWLEDGEABLE AND EXPERIENCED FIELD

• STACK ERODIBLE LANDSCAPE MATERIAL ON PALLETS AND COVERING OR STORING SUCH MATERIALS WHEN NOT

LEBARON RESIDENCE

PROJECT DIRECTORY

PROPERTY OWNER: DAVE LEBARON 22806 E CLIFF DR SANTA CRUZ, CA 95062

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HANAGAN LAND SURVEYING, INC. 305-C SOQUEL AVE, SANTA CRUZ, CA 95062

(831)469-3428 GEOLOGIST: ZINN GEOLOGY 112 SAGE HEN AVENUE LEWISTOWN, MT 59457 (831)334-4833

GEOTECHNICAL ENGINEER: PACIFIC CREST ENGINEERING, INC. 444 AIRPORT BLVD. SUITE 106 WATSONVILLE, CA 95076 (831)722-9446

SHEET INDEX

CS COVER SHEET SU-1 BOUNDARY & TOPOGRAPHIC MAP

A0.0 GENERAL NOTES A1.1 EXISITNG FLOOR PLAN/DEMO PLAN AND ELEVATIONS

A2.2 PROPOSED FLOOR PLANS A3.1 PROPOSED EXTERIOR ELEVATIONS

A3.2 PROPOSED EXTERIOR ELEVATIONS

A4.1 BUILDING SECTIONS

A5.1 NEIGHBORHOOD PHOTOGRAPHS A6.1 MATERIALS, COLORS, AND DETAILS

SCOPE OF WORK:

ADDITION INTERIOR REMODEL

PROJECT DATA

OCCUPANCY TYPE **BUILDING TYPE** VB NON-SPRINKLERED 028-30-474

1,998 SF

20.3%

LOT AREA FLOOR AREA: (E) RESIDENCE (E) FAR

PROPOSED: (N) ADDITION 1ST FLOOR 262 SF (N) 2ND FLOOR 418.2 SF (N) ROOFTOP DECK 479 SF

(N) FLOOR AREA: 2,260 SF 1ST FLOOR 2ND FLOOR 418.2 SF 2,678.2 SF TOTAL

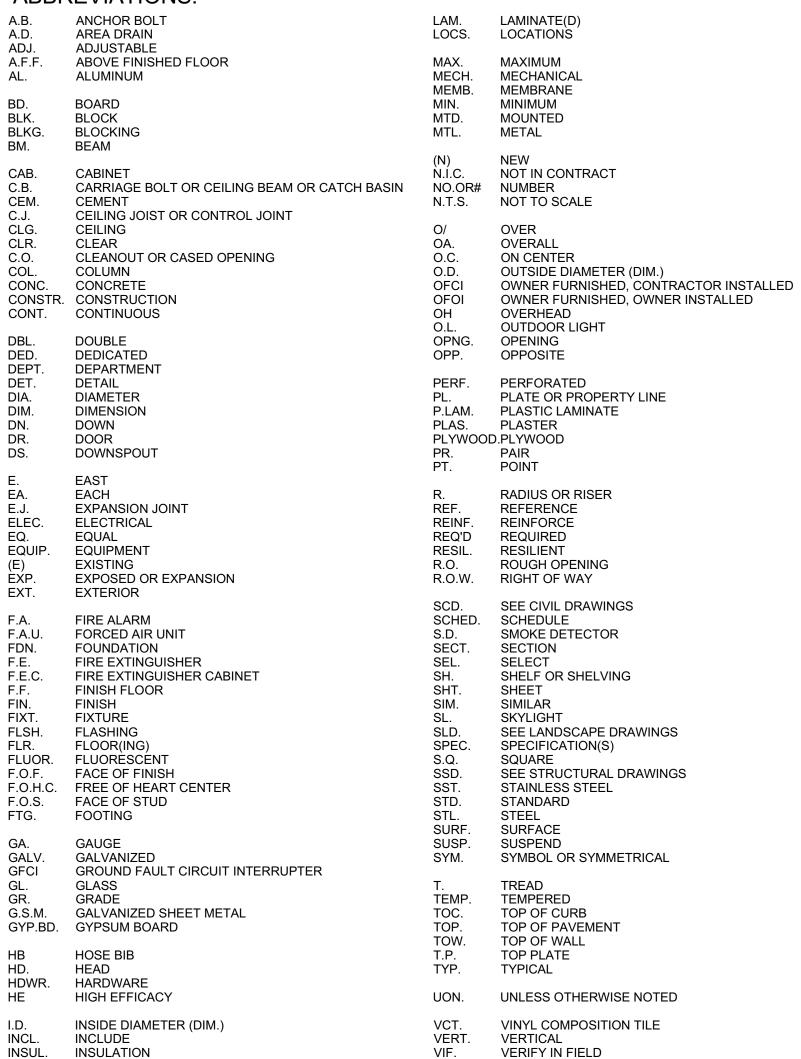
PROPOSED TOTAL 2,678.2 SF (N) FAR 27.3%

(N)DECK 479 SF

ABBREVIATIONS:

JOIST JOINT

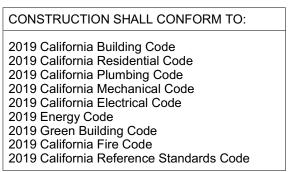
KILN-DRIED



WOOD

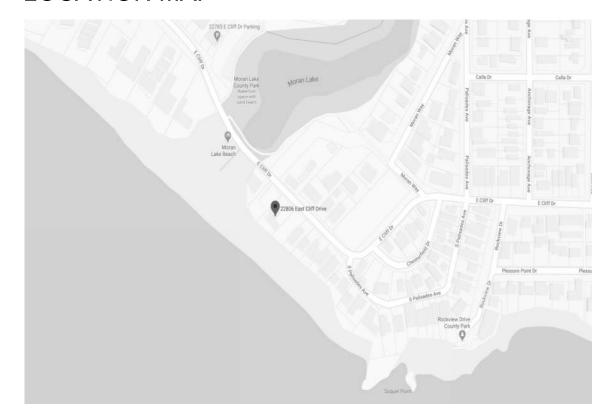
WATER HEATER

WATERPROOF

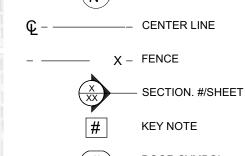




LOCATION MAP

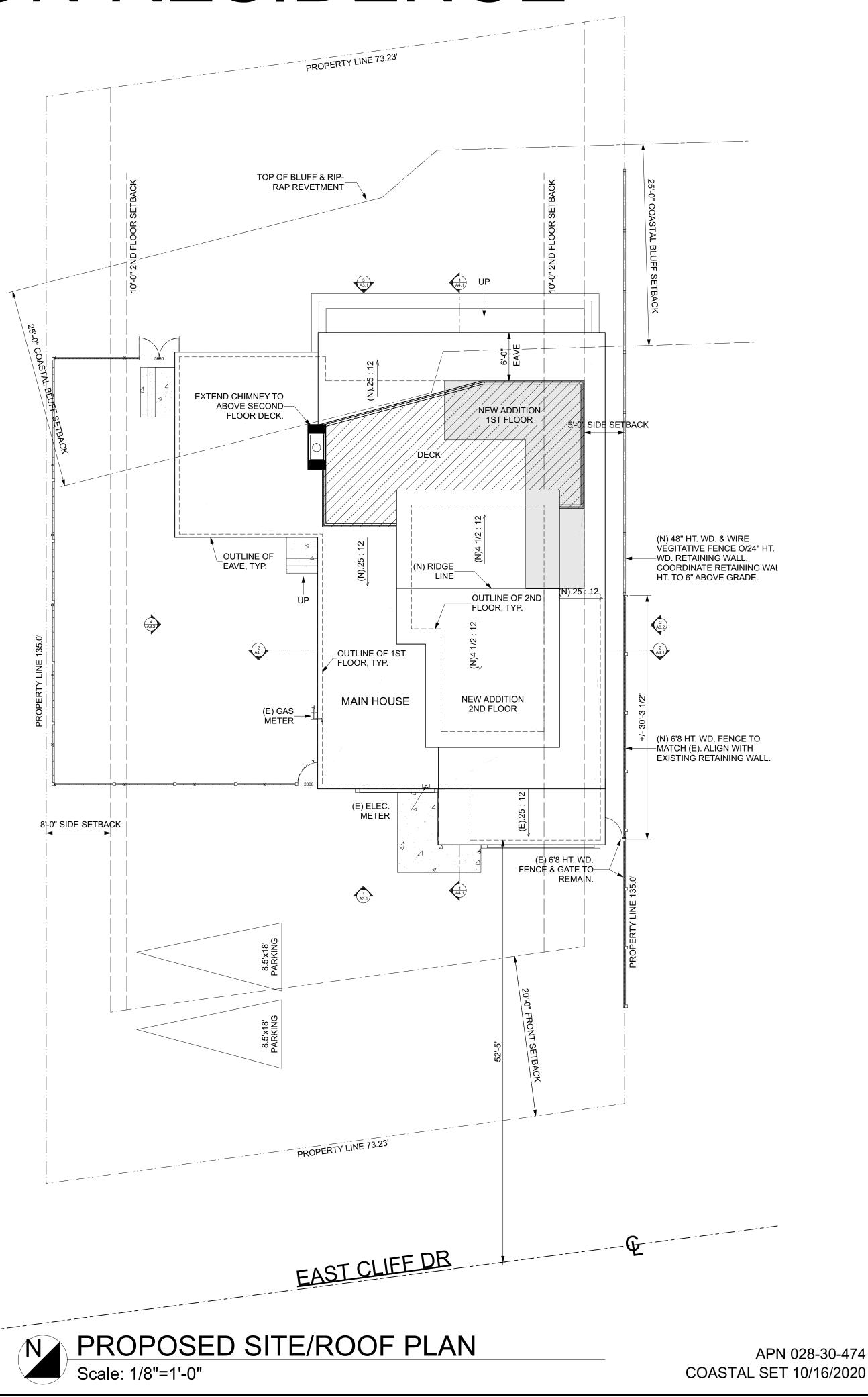


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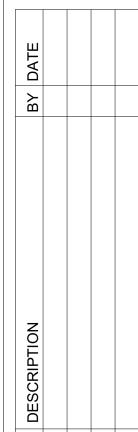




TRUE NORTH



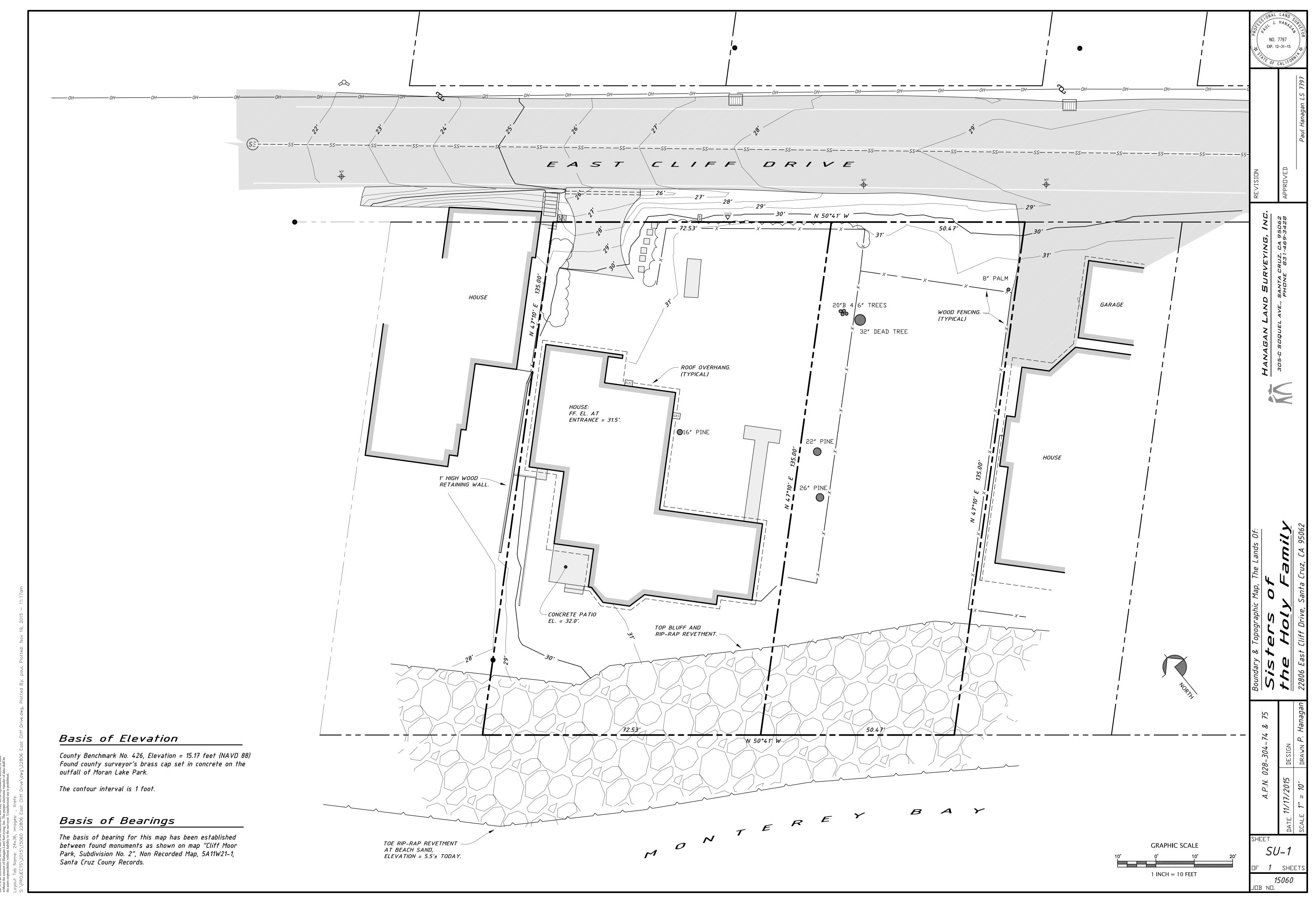






10/16/2020 SCALE:

As Shown **DRAWN BY:**



GENERAL NOTES

ARCHITECTURAL

WALL AND FLOOR FLASHING: ALL FLASHING AT WALLS, FLOORS, AND ROOF JUNCTURES TO VERTICAL SURFACES SHALL BE 26 GA. G.I. UNLESS NOTED OTHERWISE ON PLANS. FORM FABRICATE AND INSTALL FLASHING AS SHOWN ON DETAILS. SET ALL FLASHING IN PLASTIC CEMENT AND SET JOINTS IN BUTYL MASTIC. FLASHING SECTIONS SHALL HAVE AN END LAP OF 4" MIN.

DOORS: ALL EXTERIOR DOORS ARE TO BE FULLY WEATHER-STRIPPED. CERTIFIED AND LABELED FOR COMPLIANCE TO ENERGY CONSERVATION REGULATIONS. ALL FRENCH DOORS SHALL BE PAINT GRADE WOOD WITH TEMPERED, DOUBLE GLASS PANELS ARRANGED AS SHOWN ON PLANS AND DOOR SCHEDULE.

WINDOWS: ALL WINDOWS SHALL BE FULLY WEATHER-STRIPPED, CERTIFIED AND LABELED FOR COMPLIANCE TO ENERGY CONSERVATION REGULATIONS. ALL WINDOWS ARE TO BE WOOD OR VINYL FRAMED. DOUBLE GLAZED WITH PANES AS SHOWN ON PLANS AND WINDOW SCHEDULE AND A MAXIMUM U-VALUE AS SET FORTH IN THE T-24 ENERGY CALCULATIONS.

BATH COUNTER TOPS: ALL BATH COUNTERTOPS AND SPLASHES SHALL BE CERAMIC TILE AS SELECTED BY OWNER UNLESS NOTED OTHERWISE ON THE PLANS. USE GRANITE OR MARBLE TILES OR SLAB WHERE NOTED ON PLANS AND INTERIOR ELEVATIONS.

WEATHER BARRIER: ALL WEATHER EXPOSED WALL SURFACES SHALL BE PROTECTED WITH AN UNDERLAYMENT OF (2) LAYERS GRADE "D" BUILDING PAPER OVER PLYWOOD WALL SHEATHING. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION WITH MIN. 2" LAP AT HORIZONTAL JOINTS AND MIN. 6" LAP AT VERTICAL JOINTS. UNDERLAYMENT SHALL BE FREE OF HOLES AND BREAKS OTHER THAN THOSE FROM NAILING TO PLYWOOD SHEATHING OR WALL

INSULATION: FIBERGLASS BATT INSULATION SHALL BE INSTALLED ACCORDING TO THE T-24 REPORT. SEE T-24 REPORT FOR INSULATION

CAULKING: ALL JOINTS AND PENETRATIONS AT EXTERIOR WALLS, CEILINGS AND FLOOR ASSEMBLIES SHALL BE FULLY CAULKED AND

TUBS & SHOWERS: SHOWERS SHALL BE A MIN. SIZE OF 1024 SQ.IN AND ACCOMMODATE AT 30" CIRCLE. BACKER FOR SHOWER AND TUB SHOWER WALLS TO BE FIBER-CEMENT, FIBER REINFORCED CEMENTITIOUS BACKER UNITS, GLASS MAT GYPSUM BACKERS OR FIBER-REINFORCED GYPSUM BACKERS TO A MIN. HEIGHT OF 72" ABOVE THE FLOOR. SHOWER WALLS SHALL BE FINISHED WITH CERAMIC TILE OF OTHER SMOOTH, HARD NON-ABSORBENT COVERING. ALL TUB AND SHOWER GLAZING SHALL BE MADE OF SHATTER-RESISTANT TEMPERED GLASS. SWING DOORS SHALL OPEN OUTWARD WITH A MIN. OPENING CLEARANCE OF 22".

PRE-FABRICATED FIREPLACES: PRE-FABRICATED METAL FIREPLACES SHALL BE INSTALLED WITH INSULATED CHIMNEY FLUE. SPARK ARRESTOR AND ACCESSORIES ACCORDING TO MANUFACTURERS SPECIFICATIONS. FIREPLACE OPENING SHALL BE EQUIPPED WITH A TIGHT FITTING, CLOSEABLE METAL OR GLASS DOOR. FIREPLACE SHALL HAVE A FLUE DAMPER AND AN OUTSIDE AIR INTAKE WITH DAMPER. ONLY GAS APPLIANCE FIREPLACES ARE TO BE USED.

GLAZING: ALL GLAZING SHALL CONFORM TO FEDERAL GLAZING REGULATIONS AND THE CALIFORNIA RESIDENTIAL CODE. GLAZING IN HAZARDOUS LOCATIONS SHALL BE FULLY TEMPERED GLASS OR APPROVED PLASTIC AND IS PERMANENTLY IDENTIFIED BY THE MANUFACTURER OR INSTALLER.

MECHANICAL ROOM DOORS: ACCESS DOORS OF THE MECHANICAL ROOM SHALL BE SOLID CORE WITH MINIMUM 100 SQ. IN. LOUVERED VENT AT TOP OF DOORS AND MINIMUM 100 SQ. IN. LOUVERED VENT AT BOTTOM OF DOORS.

GYPSUM WALLBOARD: ALL INTERIOR WALL AND CEILING FACES ARE TO BE SHEATHED WITH 1/2" GYPSUM WALLBOARD EXCEPT WHERE NOTED TO USE 5/8" TYPE "X" WALLBOARD. TAPE, TEXTURE AND PAINT GYP, BOARD ACCORDING TO FINISH SCHEDULE. ALL GAPS AND PENETRATIONS AT 5/8" TYPE "X" WALLBOARD SHALL BE FILLED WITH TAPING CEMENT. NAIL ALL GYP. BOARD TO WALL STUDS, PLATES, BLOCKING, ETC., AS FOLLOWS:

1/2" WALLBOARD 4d CEMENT COATED BOX NAIL OR 1-3/8" x 14 GA. ACID-ETCHED. PHOSPHATE COATED

NAIL OR 4d "DRYVITE" NAIL AT 7" O.C. 5/8" TYPE "X" WALLBOARD 6D "COOLER" NAILS AT 7" O.C.

ROOF VENTILATION: THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE AREA OF THE VENTED SPACE OR 1/300 OF THE VENTED SPACE PROVIDED ONE OR MORE OF THE FOLLOWING CONDITIONS ARE MET:

1. IN CLIMATE ZONES 14 AND 16, A CLASS I OR II VAPOR RETARDER IS INSTALLED ON THE WARM-IN-WINTER SIDE OF THE CEILING.

2. AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS. WHERE THE LOCATION OF WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE INSTALLATION OF UPPER VENTILATORS, INSTALLATION MORE THAN 3 FEET BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE SHALL BE PERMITTED.

ALL VENT OPENINGS SHALL BE COVERED WITH CORROSION RESISTANT, NON-COMBUSTIBLE METAL MESH WITH MESH OPENINGS OF AT LEAST 1/16" AND A MAXIMUM OF 1/8" DIMENSION. VENTS SHALL BE LOCATED SO AS TO PROVIDE CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE AND SHALL PROTECT AGAINST THE ENTRANCE OF RAIN AND SNOW.

STAIR HANDRAILS: EVERY STAIRWAY OF 4 OR MORE RISERS SHALL HAVE AT LEAST ONE HANDRAIL AND EVERY OPEN SIDE OF A STAIRWAY SHALL HAVE A GUARDRAIL. HANDRAILS MOUNTED ON A WALL SHALL HAVE A MIN. 1-1/2" SPACE BETWEEN THE WALL AND THE HANDRAIL. THE HANDGRIP PORTION OF HANDRAILS SHALL BE BETWEEN 1-1/4' AND 2" CROSS SECTION DIMENSION AND SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS. ALL HANDRAILS ARE TO BE PLACED 34" AND 38" ABOVE TREAD NOSING AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS.

GUARDRAILS: GUARDRAILS SHALL BE NOT LESS THAN 42 INCHES HIGH MEASURED VERTICALLY ABOVE THE LEADING EDGE OF THE TREAD, ADJACENT WALKING SURFACE OR ADJACENT SEATBOARD. GUARDRAILS SHALL BE ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS, APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP AND HAVE ATTACHMENT DEVICES AND SUPPORTING STRUCTURE TO TRANSFER THIS LOADING TO THE APPROPRIATE STRUCTURAL ELEMENTS OF THE BUILDING. INTERMEDIATE RAILS (ALL THOSE EXCEPT THE HANDRAIL), BALUSTERS AND PANEL FILL ERS SHALL BE DESIGNED TO WITHSTAND A HORIZONTALLY APPLIED NORMAL LOAD OF 50 POUNDS ON AN AREA EQUAL TO ONE SQUARE FOOT, INCLUDING OPENING AND SPACE BETWEEN RAILS. OPEN GUARDRAIL AND STAIR RAILINGS SHALL HAVE INTERMEDIATE RAILS, BALUSTERS, PICKETS, ETC., ARRANGED SUCH THAT A 4" SPHERE CANNOT PASS THROUGH THE OPENINGS.

ARCHITECTURAL (CONT.)

SKYLIGHTS: ALL SKYLIGHTS ARE TO BE PRE-MANUFACTURED PLASTIC DOME TYPES WITH ANODIZED ALUMINUM FRAMES MOUNTED ON WOOD CURBS OR DIRECTLY TO ROOF DECK. FRAME COLOR IS TO MATCH OR BE SIMILAR TO THE ROOF COLOR. CURB HEIGHT ABOVE THE ADJACENT ROOF SURFACE IS TO BE 4" MINIMUM. THE DOME HEIGHT IS TO BE MINIMUM 5" OR 10% OF THE MAXIMUM SPAN OF THE DOME. SKYLIGHT UNITS SHALL MEET TITLE 24 REQUIREMENTS. SKYLIGHTS WITH INSTALLED GLAZING 12' ABOVE THE WALKING SURFACE SHALL BE CONSTRUCTED OF LAMINATED GLASS WITH A POLYVINYL BUTYRAL INTERLAYER AND A MINIMUM THICKNESS OF

EXTERIOR PLASTER LATH: EXTERIOR PLASTER LATH SHALL BE OF AN APPROVED, PAPER-BACKED, CORROSION RESISTANT METAL OR WIRE FABRIC AND SHALL BE SELF FURRING. (1/4" MIN.) APPLY LATH OVER WALL UNDERLAYMENT WITH THE LONG DIMENSION HORIZONTAL AND LAP A MIN. 1/2" AT THE SIDES AND MIN. 1" AT THE ENDS. WHERE END LAPS OF SHEETS DO NOT OCCUR OVER SUPPORTS, THEY SHALL BE SECURELY TIED TOGETHER WITH A MIN. 18 GA. WIRE. REINFORCEMENT SHALL BE USED AT ALL CORNERS OR THE LATH SHALL BE CARRIED AROUND CORNERS AT LEAST ONE SUPPORT. A WEEP SCREED SHALL BE PROVIDED AT OR BELOW THE FOUNDATION LINE ON ALL EXTERIOR STUD WALLS A MIN. OF 4" ABOVE HIGHEST ADJACENT GRADE. THE SCREED SHALL ALLOW TRAPPED WATER TO DRAIN TO THE OUTSIDE. BOTH THE METAL LATH AND PAPER UNDERLAYMENT SHALL TERMINATE ON THE ATTACHMENT FLANGE OF THE SCREED. NAILING OF METAL LATH SHALL BE AT A MAX. OF 6 O.C. EACH WAY USING EITHER 11 GA. X 1-1/2" LONG X 7/16" HEAD NAILS OR 16 GA. STAPLES WITH 7/8" LEGS.

EXTERIOR PLASTER: EXTERIOR PLASTER SHALL BE PORTLAND CEMENT APPLIED IN THREE COATS TO A MIN. THICKNESS OF 7/8". SEE EXTERIOR ELEVATIONS FOR TEXTURE VARIATIONS.

<u>APPLIANCES:</u> THE CONTRACTOR SHALL PROVIDE RESIDENTIAL EQUIPMENT WHICH IS U.L. LABELED. PROVIDE, TO THE OWNER, ALL MANUFACTURER'S STANDARD WRITTEN WARRANTIES, OWNER'S MANUALS, AND STANDARD ACCESSORIES. CONTRACTOR SHALL INSTALL THE APPLIANCES WHERE INDICATED ON DRAWINGS AND AS REQUIRED BY ALL CODES AND LISTINGS. APPLIANCE TYPES, STYLES, COLORS, ETC., SHALL BE SELECTED BY OWNER.

EMERGENCY EGRESS ESCAPE AND RESCUE WINDOWS: BASEMENTS OF DWELLING UNITS AND EVERY BEDROOM BELOW THE 4TH STORY SHALL HAVE AT LEAST ONE OPERABLE WINDOW OR DOOR APPROVED FOR EMERGENCY ESCAPE AND RESCUE DIRECTLY TO EXTERIOR. THE UNITS SHALL BE OPERABLE TO PROVIDE FULL CLEAR OPENING WITHOUT THE USE OF SEPARATE TOOLS AND HAVE A NET CLEAR OPENING OF NO LESS THAN 5.7 SQUARE FEET. THE NET CLEAR OPENING HEIGHT SHALL BE A MINIMUM OF 24" AND THE WIDTH SHALL BE A MINIMUM OF 20" WITH THE BOTTOM OF THE CLEAR OPENING NOT GREATER THAN 44" MEASURED FROM THE FLOOR IN DWELLING UNITS, WHERE THE OPENING OF AN OPERABLE WINDOW IS LOCATED MORE THAN 72" ABOVE THE FINISHED GRADE OR SURFACE BELOW, THE LOWEST PART OF THE CLEAR OPENING OF THE WINDOW SHALL BE A MINIMUM 24" ABOVE THE FINISHED FLOOR OF THE ROOM IN WHICH THE WINDOW IS LOCATED. OPERABLE SECTIONS OF WINDOWS SHALL NOT PERMIT OPENINGS THAT ALLOW PASSAGE OF A 4 INCH DIAMETER WHERE SUCH OPENING ARE LOCATED WITHIN 24" OF THE FINISHED FLOOR. WHERE SUCH WINDOW OPENINGS DO NOT COMPLY. WINDOW FALL PREVENTION DEVICES AND WINDOW GUARDS THAT COMPLY WITH ASTM F 2090, SHALL BE PROVIDED.

STREET ADDRESS: NEW AND EXISTING BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES HIGH WITH A MINIMUM STROKE WIDTH OF 1 /2 INCH.

SPARK ARRESTORS: SPARK ARRESTORS SHALL BE INSTALLED ON ALL CHIMNEYS INCLUDING OUTSIDE FIREPLACES.

GARAGE: 1-HR SEPARATION BETWEEN DWELLING AND GARAGE PER CRC SECTION R302.6. 20 MINUTE. 1-3/4" SOLID WOOD FIRE RATED DOOR WITH SELF CLOSING AND SELF LATCHING DEVICES PER CRC SECTION R302.5

DIMENSIONS: ALL EXTERIOR DIMENSIONS ARE TO FACE OF SHEATHING. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.

ELECTRICAL

CODES: ALL ELECTRICAL EQUIPMENT, WIRING AND INSTALLATIONS SHALL COMPLY WITH APPLICABLE SECTIONS OF THE NATIONAL ELECTRICAL CODE, CALIFORNIA TITLE 24 STANDARDS AND THE MANUFACTURER'S SPECIFICATIONS.

LISTINGS: ALL ELECTRICAL EQUIPMENT AND ACCESSORIES SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LAB. INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT TIME OF INSPECTION.

RECESSED FIXTURES: PROVIDE RECESSED FIXTURE CLEARANCE PER CODE. RECESSED FIXTURES IN INSULATED CEILINGS SHALL BE "IC" APPROVED FIXTURES.

DRYER LOADS: CLOTHES DRYER LOADS SHALL BE DETERMINED ON A LOAD OF 5000 WATTS PER APPLIANCE OR BY NAMEPLATE RATING.

ELECTRICAL BOXES: ELECTRIC SWITCH AND OUTLET BOXES ON EXTERIOR WALLS SHALL HAVE RUBBER GASKETS FOR MEDIUM

KITCHEN AND BATH FIXTURES: ALL GENERAL LIGHTING FIXTURES AND BULBS IN KITCHEN AND BATH AREAS SHALL HAVE AN EFFICACY RATING OF 40 LUMENS PER WATT OR GREATER. FLUORESCENT FIXTURES WITH PLUG-IN (NOT SCREW-IN) FLUORESCENT LAMPS SHALL BE USED.

CLOSET LIGHTS: LIGHT FIXTURES IN CLOSETS/WARDROBES SHALL HAVE A MIN. 18" HORIZONTAL CLEARANCE TO SHELVES.

TUB SHALL BE MOUNTED AT LEAST 7'6" ABOVE THE MAXIMUM WATER LEVEL OF THE SPA/TUB AND SHALL BE GFCI PROTECTED. DRYER/COOKING UNIT OUTLETS: CLOTHES DRYERS AND COOKING

TUB/SHOWER LIGHTS: LIGHT FIXTURES MOUNTED WITHIN 5' OF A SPA/

UNITS SHALL HAVE CONDUCTOR WIRES WITH AN INSULATED NEUTRAL AND FOUR-PRONG OUTLET.

OUTDOOR OUTLETS: PROVIDE OUTSIDE RECEPTACLES AT THE FRONT AND REAR OF THE HOME WITHIN 6'-6" OF GRADE WHICH ARE WATERPROOF AND GFCI PROTECTED. SEE PLAN FOR LOCATIONS.

KITCHEN BRANCH CIRCUITS: SHALL BE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTERS. PROVIDE (2) SMALL APPLIANCE BRANCH CIRCUITS IN THE KITCHEN WHICH ARE LIMITED TO SUPPLYING WALL AND COUNTER SPACE OUTLETS. THESE OUTLETS CANNOT SERVE DINING ROOM, OUTSIDE PLUGS, RANGE HOOD, DISPOSALS, DISHWASHERS OR MICROWAVES. ONLY THE REQUIRED COUNTERTOP/ WALL OUTLETS (INCLUDING REFRIGERATOR).

BATHROOM OUTLET CIRCUITS: REQUIRED BATHROOM OUTLETS SHALL BE ON A DEDICATED 20 AMP CIRCUIT WHICH CANNOT SERVE ANY OTHER RECEPTACLES, LIGHTS, FANS, ETC.

TAMPER-RESISTANT RECEPTACLES IN DWELLING UNITS: ALL NEW NON-LOCKING TYPE 125-VOLT, 15- AND 20-AMPERE RECEPTACLES THAT ARE WITHIN 5 1/2' ABOVE FINISH FLOOR SHALL BE LISTED TAMPER-RESISTANT RECEPTACLES.

ARC-FAULT AND GROUND FAULT OUTLETS: ARC-FAULT (AFCI) REQUIRED IN FAMILY ROOMS. DINING ROOMS. PARLORS. LIBRARIES. DENS, BEDROOMS, SUN ROOMS, REC ROOMS, CLOSETS, AND HALLWAYS AND LIGHTING. GROUND FAULT (GFCI) IS REQUIRED IN BATHROOMS, GARAGES, ACCESSORY AREAS, EXTERIOR. CRAWLSPACES, BASEMENTS, DISHWASHERS, AND DISPOSALS. COMBINATION AFCI/GFCI IS REQUIRED IN KITCHENS, AND LAUNDRY AREAS.

MECHANICAL

CODES: ALL HVAC EQUIPMENT, DUCT WORK AND INSTALLATIONS SHALL COMPLY WITH APPLICABLE SECTIONS OF THE CURRENT MECHANICAL CODE, CALIFORNIA TITLE 24 STANDARDS AND MANUFACTURER'S SPECIFICATIONS. ALL PLUMBING WORK SHALL CONFORM WITH THE CURRENT CALIFORNIA PLUMBING CODE.

LISTINGS: ALL HVAC EQUIPMENT AND ACCESSORIES SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LAB. INSTALLATION INSTRUCTIONS FOR ALL LISTED EQUIPMENT SHALL BE PROVIDED TO THE FIELD INSPECTOR AT TIME OF INSPECTION.

EXHAUST FANS: ALL INTERIOR EXHAUST FANS SHALL PROVIDE 5 AIR CHANGES PER HOUR OR MORE. EXHAUST FANS AND FAN SYSTEMS SHALL HAVE BACK-DRAFT DAMPER CONTROLS.

1 HOUR WALLS: HVAC DUCTS PENETRATING ONE HOUR WALLS (GARAGE/HOUSE WALL) SHALL BE MINIMUM 26 GAUGE GALVANIZED STEEL. 1 HOUR SEPARATION BETWEEN DWELLING AND GARAGE PER CRC SECTION R302.6.

GAS PIPING: GAS PIPING SHALL NOT BE IMBEDDED IN OR BELOW CONCRETE SLABS

SEWER PIPING: PLASTIC OR PVC SEWER LINE SHALL BE PLACED WITH MIN. 6" OF SAND BASE AND COVER.

FORCED AIR UNIT: FORCED AIR UNIT(S) SHALL BE INSTALLED PER THE MANUFACTURERS RECOMMENDATIONS AND THOSE OF THE STRUCTURAL ENGINEER WHEN INSTALLED IN AN ATTIC SPACE.

GAS APPLIANCES: ALL GAS APPLIANCES AND EQUIPMENT SHALL HAVE INTERMITTENT IGNITION DEVICES WITH NO CONTINUOUS BURNING PILOTS. ALL APPLIANCES SHALL COMPLY WITH THE CURRENT CALIFORNIA MECHANICAL CODE.

WATER HEATERS: WATER HEATERS SHALL BE INSULATED WITH EXTERNAL BLANKETS OF R-12 OF GREATER. INSULATE HOT WATER INLET AND OUTLET PIPES (FIRST FIVE FEET IN UNCONDITIONED SPACES) WITH EXTERNAL WRAPPING OF R-4 OR GREATER. WATER HEATERS SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENT DUE TO EARTHQUAKE MOTION. STRAPPING SHALL BE AT POINTS WITHIN THE UPPER 1/3 AND THE LOWER 1/3 OF ITS VERTICAL DIMENSIONS. AT THE LOWER POINT, A MINIMUM DISTANCE OF FOUR INCHES SHALL BE MAINTAINED ABOVE THE CONTROLS WITH THE STRAPPING. WATER HEATERS LOCATED IN NON-LIVING SPACES SHALL BE INSTALLED ON A PLATFORM SUCH THAT BURNERS AND BURNER-IGNITION DEVICES ARE LOCATED NOT LESS THAN EIGHTEEN INCHES ABOVE THE FINISHED FLOOR.

TANKLESS WATER HEATERS: TANKLESS WATER HEATER SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATION.

DRYER VENT: CLOTHES DRYERS SHALL VENT TO THE OUTSIDE OF THE BUILDING AND SHALL BE A MAXIMUM 14' IN LENGTH WITH TWO FEET REDUCTION FOR EACH 90 DEGREE ELBOW OVER TWO.

PLUMBING VENTS: ALL PLUMBING VENTS SHALL BE MINIMUM 10 FEET FROM OPERABLE SKYLIGHTS.

THERMOSTATS: ONLY "SETBACK" THERMOSTATS CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION SHALL BE USED.

HOSE BIBS: HOSE BIBS AND WATER OUTLETS WITH HOSE ATTACHMENTS SHALL HAVE APPROVED NON-REMOVABLE BACKFLOW PREVENTION DEVICES

FORCED AIR UNIT CLEARANCES: LISTED FURNACES SHALL BE INSTALLED IN CONFORMANCE WITH THE CONDITIONS OF THEIR LISTING. THE FURNACE INSTALLER SHALL LEAVE THE MANUFACTURER'S INSTALLATION AND OPERATING INSTRUCTIONS ATTACHED TO THE APPLIANCE, CLEARANCES OF LISTED FURNACES FROM COMBUSTIBLES SHALL BE AS SPECIFIED IN THE LISTING OR ON THE FURNACE RATING PLATE. UNLISTED FURNACES SHALL HAVE THE FOLLOWING CLEARANCES FROM COMBUSTIBLES:

ABOVE TOP OF CASING OR FURNACE FROM TOP AND SIDES OF WARM-AIR BONNET OR PLENUM 6" FROM FRONT (UNLESS ACCESS REQUIREMENTS GREATER 18" FROM BACK OF FURNACE FROM SIDES OF FURNACE

DISHWASHERS: DISHWASHING MACHINES CONNECTED DIRECTLY TO A DRAINAGE SYSTEM OR FOOD WASTE DISPOSAL SHALL HAVE AN APPROVED DISHWASHER AIR GAP FITTING ON THE DISCHARGE SIDE OF THE DISHWASHING MACHINE. LISTED AIR GAPS SHALL BE INSTALLED WITH THE FLOOD LEVEL (FL) MARKING AT OR ABOVE THE FLOOD LEVEL OF THE SINK/DRAIN BOARD, WHICH EVER IS HIGHER.

TUB AND SHOWER VALVES: TUB AND SHOWER VALVES SHALL HAVE INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE

QUICK ACTING VALVES: ALL BUILDING WATER SUPPLY SYSTEMS IN WHICH QUICK ACTING VALVES ARE INSTALLED (SUCH AS DISHWASHERS, CLOTHES WASHERS, ETC.) SHALL BE APPROVED WITH DEVICES AS CLOSE TO QUICK ACTING VALVES AS POSSIBLE TO ABSORB HIGH PRESSURES RESULTING FROM THE QUICK CLOSING OF

DUCT TERMINATIONS: ALL ENVIRONMENTAL AIR DUCT TERMINATIONS SHALL BE A MINIMUM OF (3) FEET FROM PROPERTY LINES AND/OR ANY OPENINGS INTO THE BUILDING.

CALGREEN:

JOINTS AND OPENINGS: ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS, OR OTHER OPENINGS IN PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENING WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHOD ACCEPTABLE TO THE ENFORCING AGENCY.

A MINIMUM OF 75% OF THE CONSTRUCTION WASTE GENERATED AT THE SITE IS DIVERTED TO RECYCLE OR SALVAGE. THIS IS ACHIEVED EITHER BY USING CITY PRE-CERTIFIED LANDFILLS OR IMPLEMENTATION OF A WASTE MANAGEMENT PLAN, WASTE MANAGEMENT PLAN SHALL BE PRE-APPROVED BY ENVIRONMENTAL SERVICES DEPARTMENT.

HEATING AND AIR CONDITIONING SYSTEM DESIGN SHALL BE SIZED, DESIGNED, AND HAVE THEIR EQUIPMENT SELECTED USING THE FOLLOWING METHODS:

A HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ACCA MANUAL J, ASHRAE HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS. B HEAT LOSS AND HEAT GAIN IS ESTABLISHED ACCORDING TO ACCA MANUAL J, ASHRAE

HANDBOOKS OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHODS. C SELECT HEATING AND COOLING EQUIPMENT ACCORDING TO ACCA 36-S MANUAL S OR OTHER EQUIVALENT DESIGN SOFTWARE OR METHOD.

DUCT OPENINGS AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER ACCEPTABLE METHODS AT THE TIME OF ROUGH INSTALLATION OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT.

ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AND AEROSOL PAINTS SHALL COMPLY WITH VOC AND OTHER CONTENT LIMITS. SPECIFIED IN SECTION 4.504 OF THE CGBSC. ALL PRODUCT CONTAINERS SHALL REMAIN ON SITE FOR FIELD VERIFICATION. PRIOR TO FINAL INSPECTION, A LETTER SIGNED BY THE GENERAL CONTRACTOR MUST BE PROVIDED TO THE BUILDING OFFICIAL CERTIFYING THAT ALL ADHESIVES, SEALANTS, CAULKS, PAINTS, COATINGS, AEROSOL PAINTS, AEROSOL COATINGS, CARPET SYSTEMS (INCLUDING CARPETING, CUSHION, AND ADHESIVE), RESILIENT FLOORING SYSTEMS, AND COMPOSITE WOOD PRODUCTS INSTALLED ON THIS PROJECT ARE WITHIN THE EMISSION LIMITS SPECIFIED IN CGBSC SECTION 4.504

FINISHES:

A USE LOW-VOC INTERIOR WALL/CEILING PAINTS (<50 GRAMS PER LETTER (GPL) VOCS REGARDLESS OF SHEEN) CGBSC 4.504.2.2

B USE LOW-VOC COATINGS THAT MEET SCAQMD RULE 1113 (CGBSC 4.504.2.3) C DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC FINISH MATERIALS HAVE BEEN USED PER CGBSC 4.504.2.4

80% OF FLOOR AREA RECEIVING RESILIENT FLOORING, SHALL COMPLY WITH THE VOC-EMISSION LIMITS DEFINED IN THE COLLABORATIVE FOR HIGH PERFORMANCE SCHOOLS (CHPS) LOW-EMITTING MATERIALS LIST OR BE CERTIFIED UNDER THE RESILIENT FLOOR COVERING INSTITUTE (RCFI) FLOORSCORE PROGRAM.

PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS. SPECIFY THE LIMITS ON THE PLANS IN ACCORDANCE WITH TABLE 4.504.5.

VAPOR RETARDER AND CAPILLARY BREAK IS INSTALLED AT SLAB ON GRADE FOUNDATIONS.

PRIOR TO ENCLOSING THE WALL AND FLOOR FRAMING, CONFIRMATION MUST BE PROVIDED TO THE BUILDING INSPECTOR SHOWING THE FRAMING MEMBERS DO NOT EXCEED 19% MOISTURE CONTENT IN ACCORDANCE WITH CGBSC SECTION 4.505.3

ALL PLUMBING FIXTURES AND FITTINGS SHALL MEET THE STANDARDS REFERENCED IN CA CIVIL CODE SECTIONS 1101.01-1101.8.

ALL EXISTING TO REMAIN PLUMBING FIXTURES SHALL CONFORM TO THE FOLLOWING: A TOILETS WITH A FLOW RATE IN EXCESS OF 1.6 GPF SHALL BE REPLACED WITH TOILETS

WITH A MAXIMUM OF 1.28 GPF. B SHOWER HEADS WITH A FLOW RATE GREATER THAN 2.5 GPM SHALL BE REPLACED

WITH A MAXIMUM 1.8 GPM SHOWER HEAD. C LAVATORY AND KITCHEN FAUCETS WITH A FLOW RATE GREATER THAN 2.2 GPM SHALL BE REPLACED WITH A FAUCET WITH A MAXIMUM FLOW RATE OF 1.2 GPM (OR 1.8 GPM FOR KITCHEN FAUCETS).

AN OPERATION AND MAINTENANCE MANUAL SHALL BE PROVIDED TO THE BUILDING OCCUPANT OWNER.

HVAC SYSTEMS INSTALLERS SHALL BE TRAINED AND CERTIFIED IN THE PROPER INSTALLATION OF HVAC SYSTEMS.

SPECIAL INSPECTORS EMPLOYED BY THE ENFORCING AGENCY MUST BE QUALIFIED AND ABLE TO DEMONSTRATE COMPETENCE IN THE THE DISCIPLINE THEY ARE INSPECTING.

DOCUMENTATION USED TO SHOW COMPLIANCE WITH THIS CODE SHALL INCLUDE BUT IS NOT LIMITED TO, CONSTRUCTION DOCUMENTS, PLANS, SPECIFICATIONS, BUILDER OR INSTALLER CERTIFICATION, INSPECTION REPORTS, OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY WHICH DEMONSTRATE SUBSTANTIAL CONFORMANCE. WHEN SPECIFIC DOCUMENTATION OR SPECIAL INSPECTION IS NECESSARY TO VERIFY COMPLIANCE, THAT METHOD OF COMPLIANCE WILL BE SPECIFIED IN THE APPROPRIATE SECTION OR IDENTIFIED IN THE APPLICATION CHECKLIST.

DAVE DAVE 22806 NTA CI

Construction, neda, San Jose, CA. 951. (408) 295-7516 (408) 286-6589

DATE:

10/16/2020

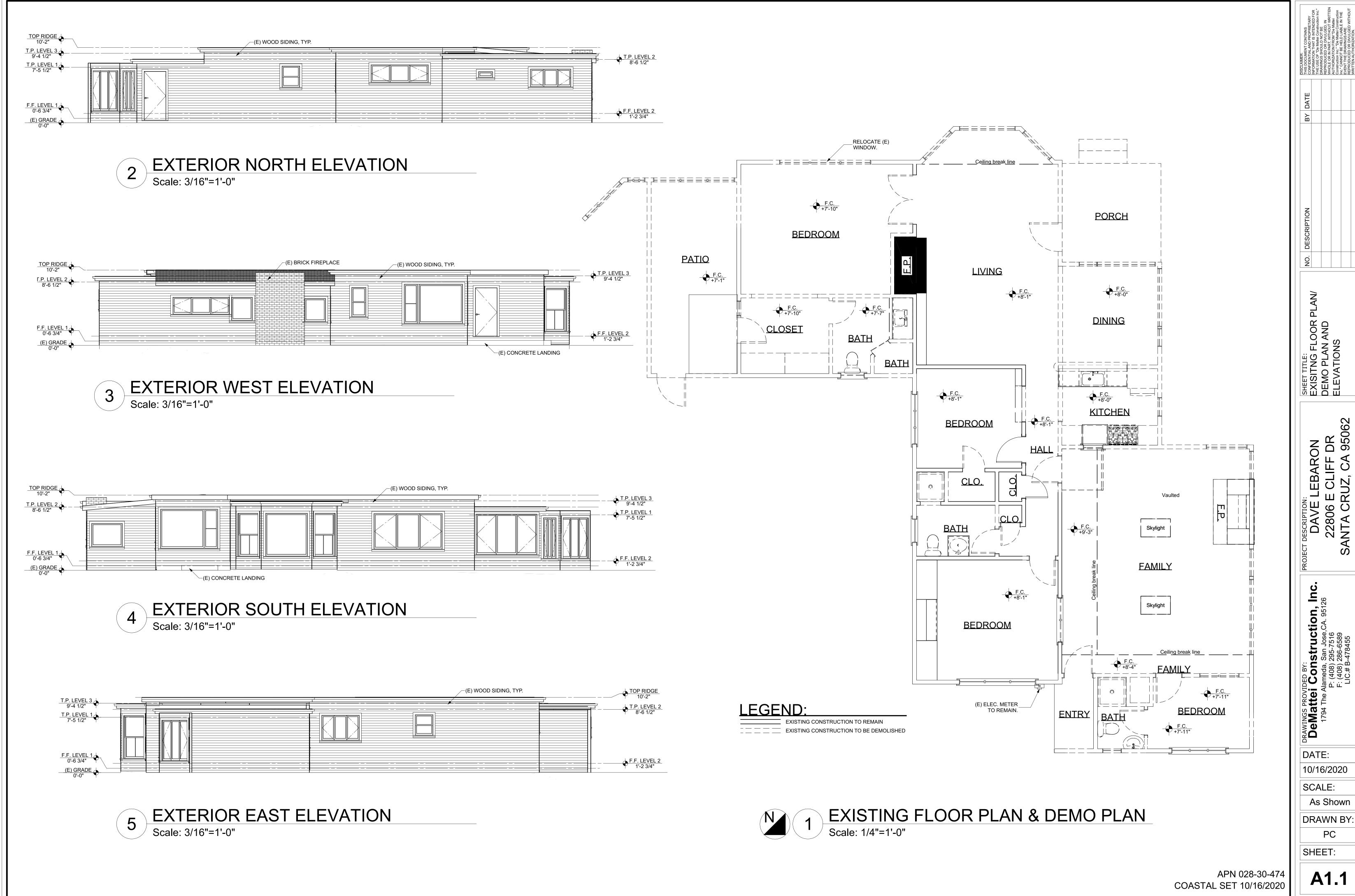
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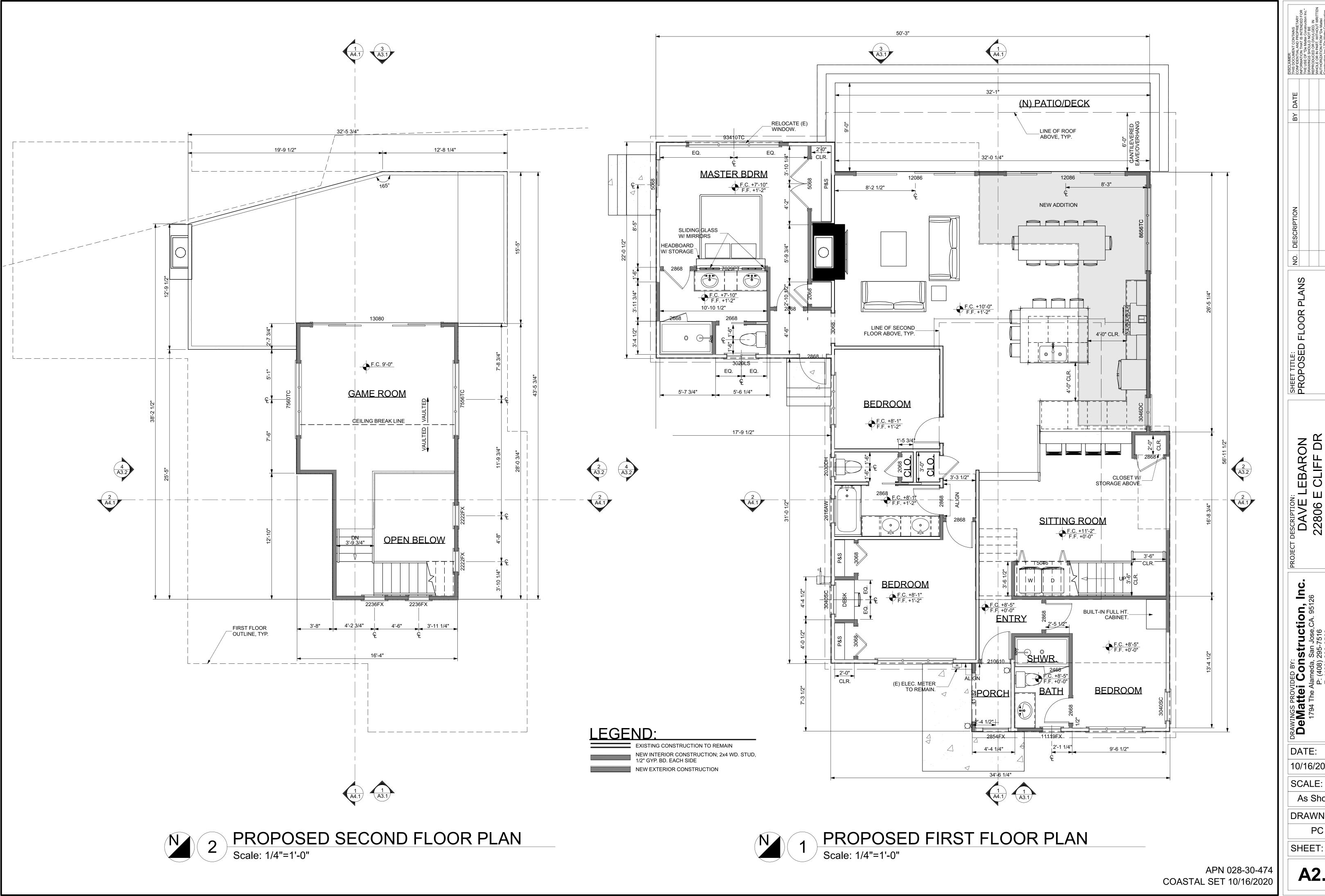
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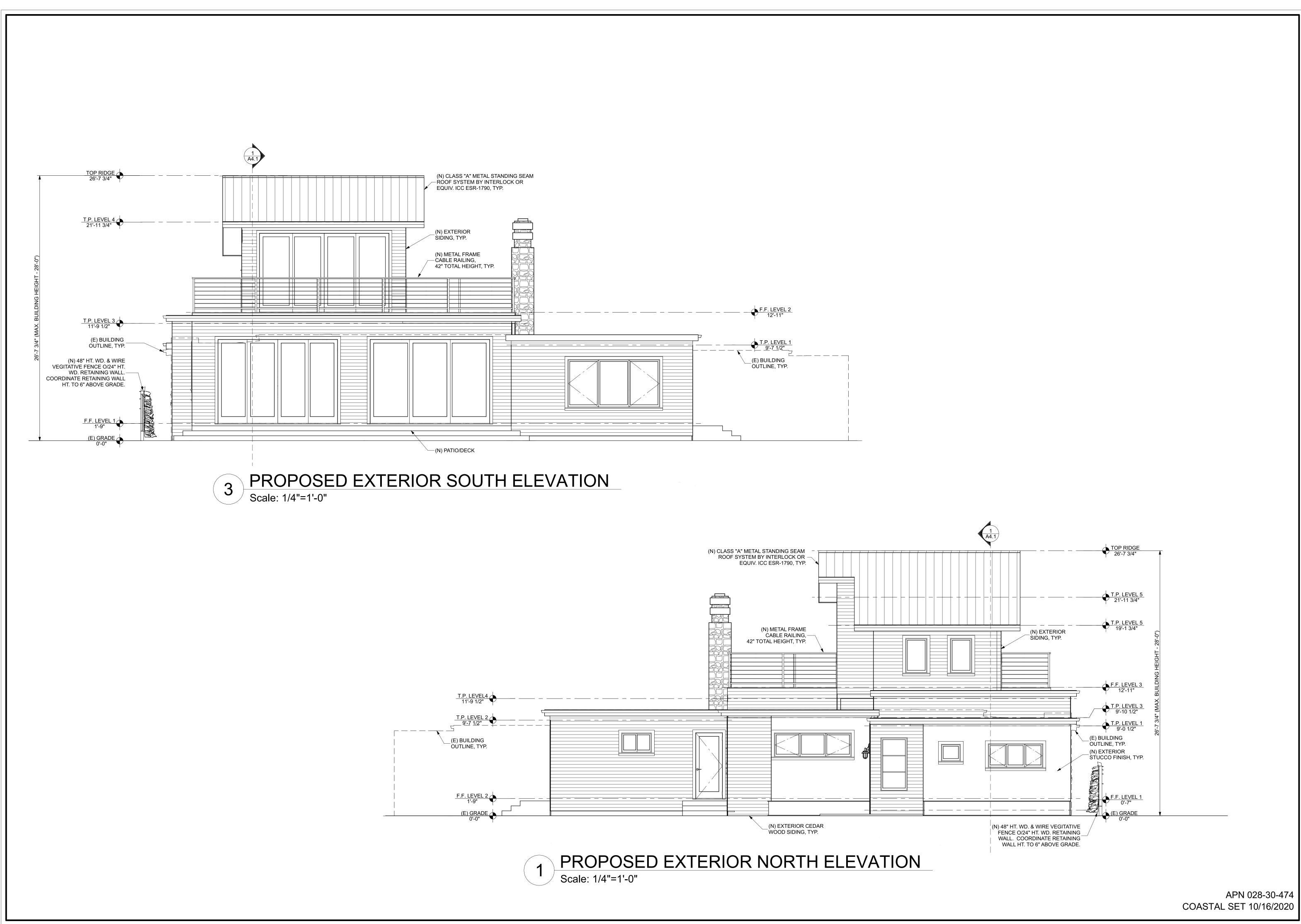
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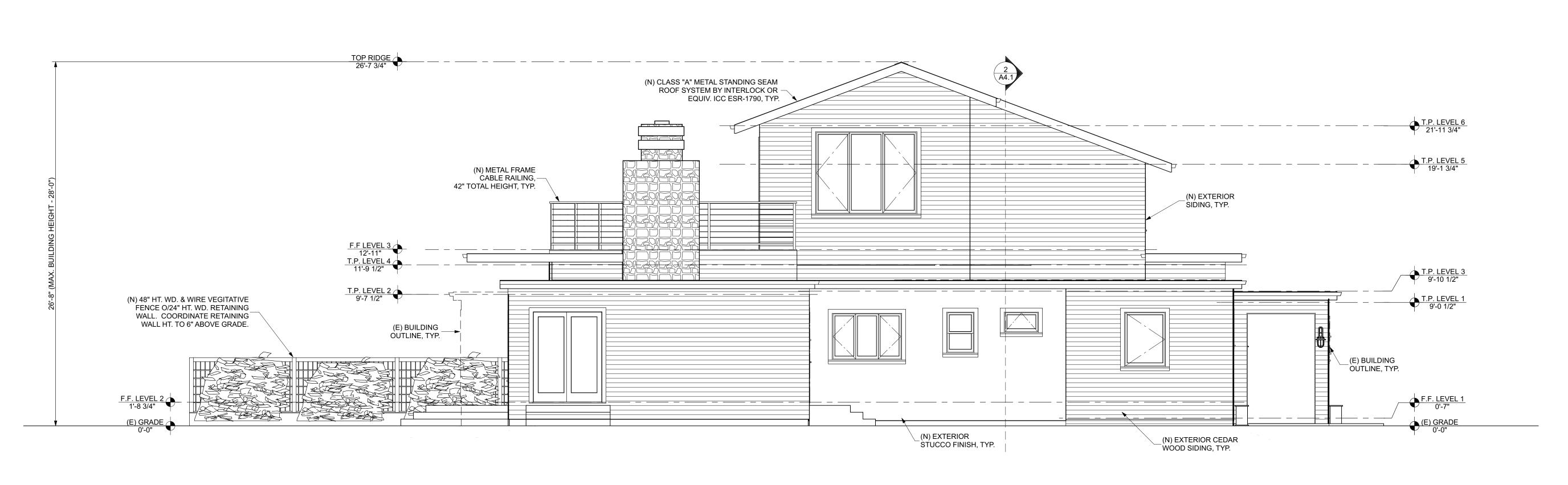
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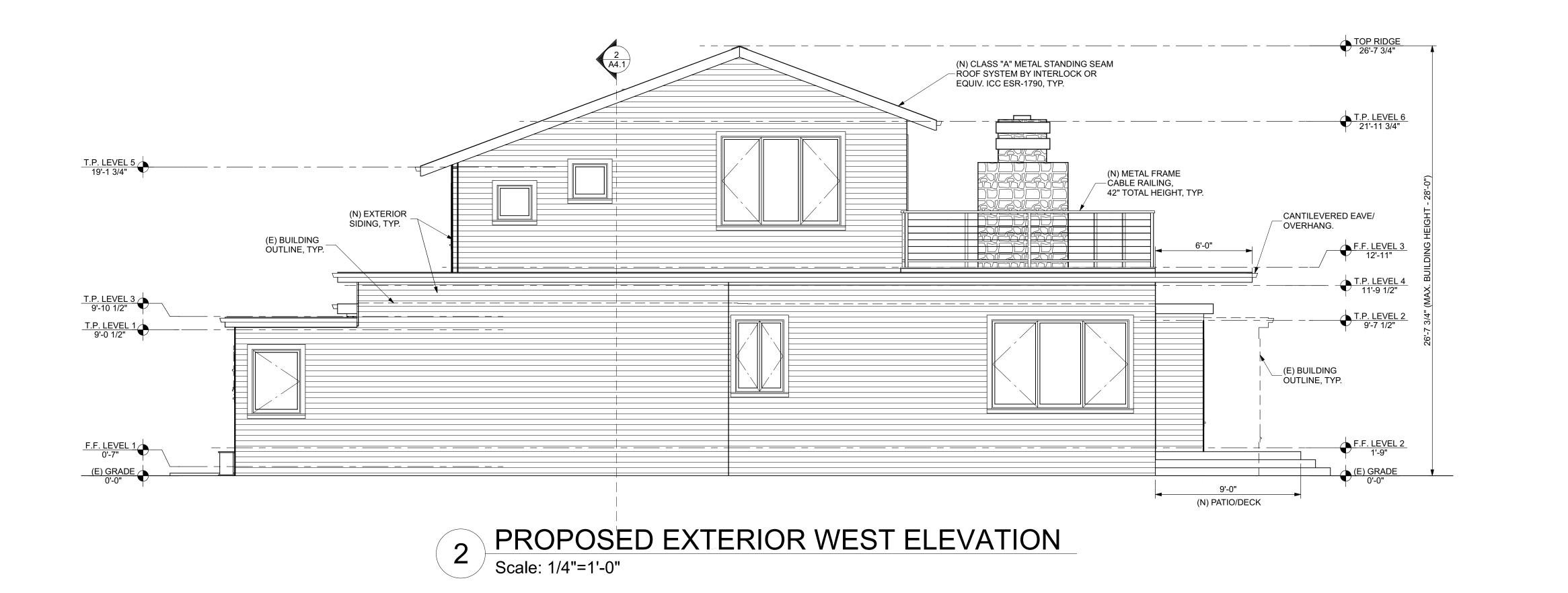
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PROPOSED EXTERIOR EAST ELEVATION

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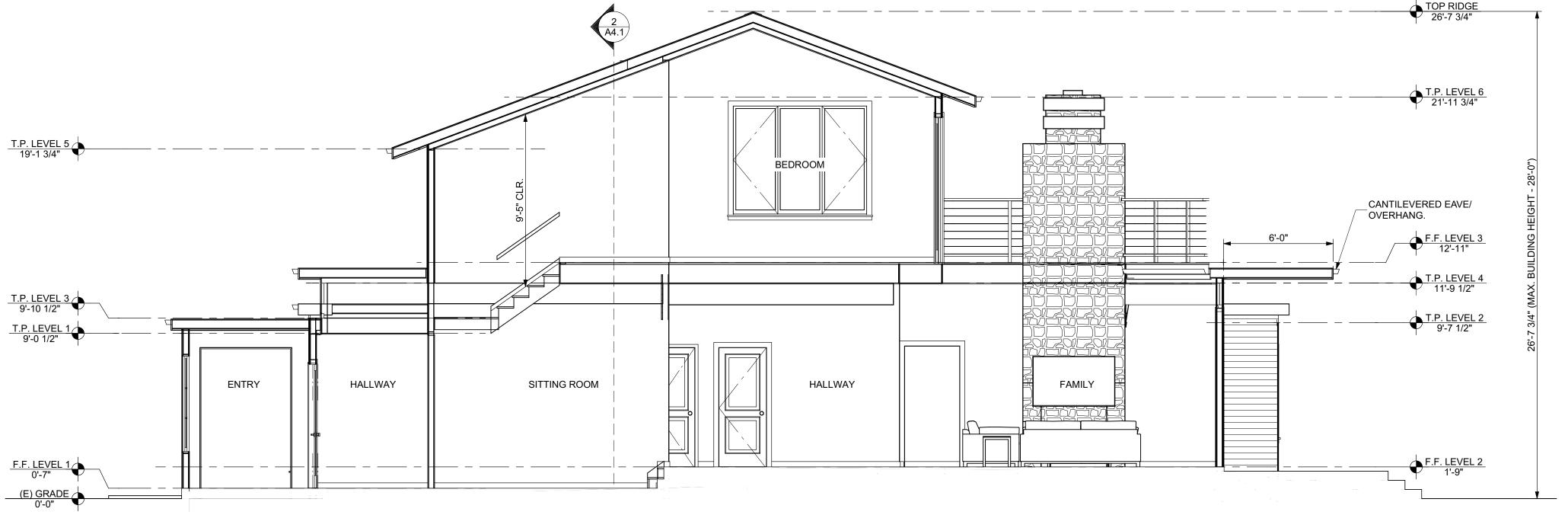
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1 BUILDING SECTION
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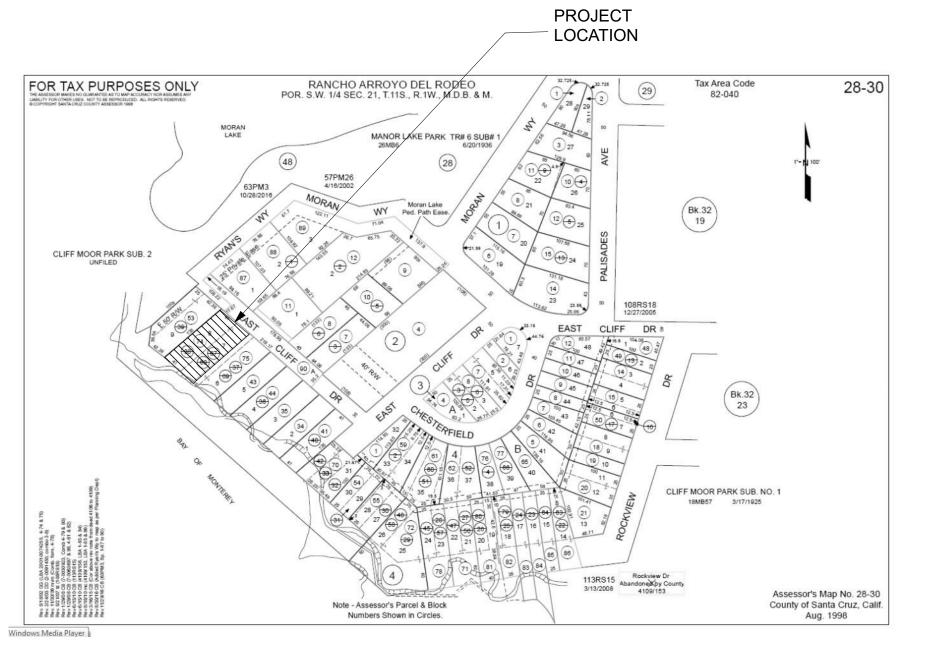
22810 E. CLIFF DRIVE



22806 E. CLIFF DRIVE (SUBJECT)



22800 E. CLIFF DRIVE



PARCEL MAP



10 RYAN'S WAY



10 RYAN'S WAY

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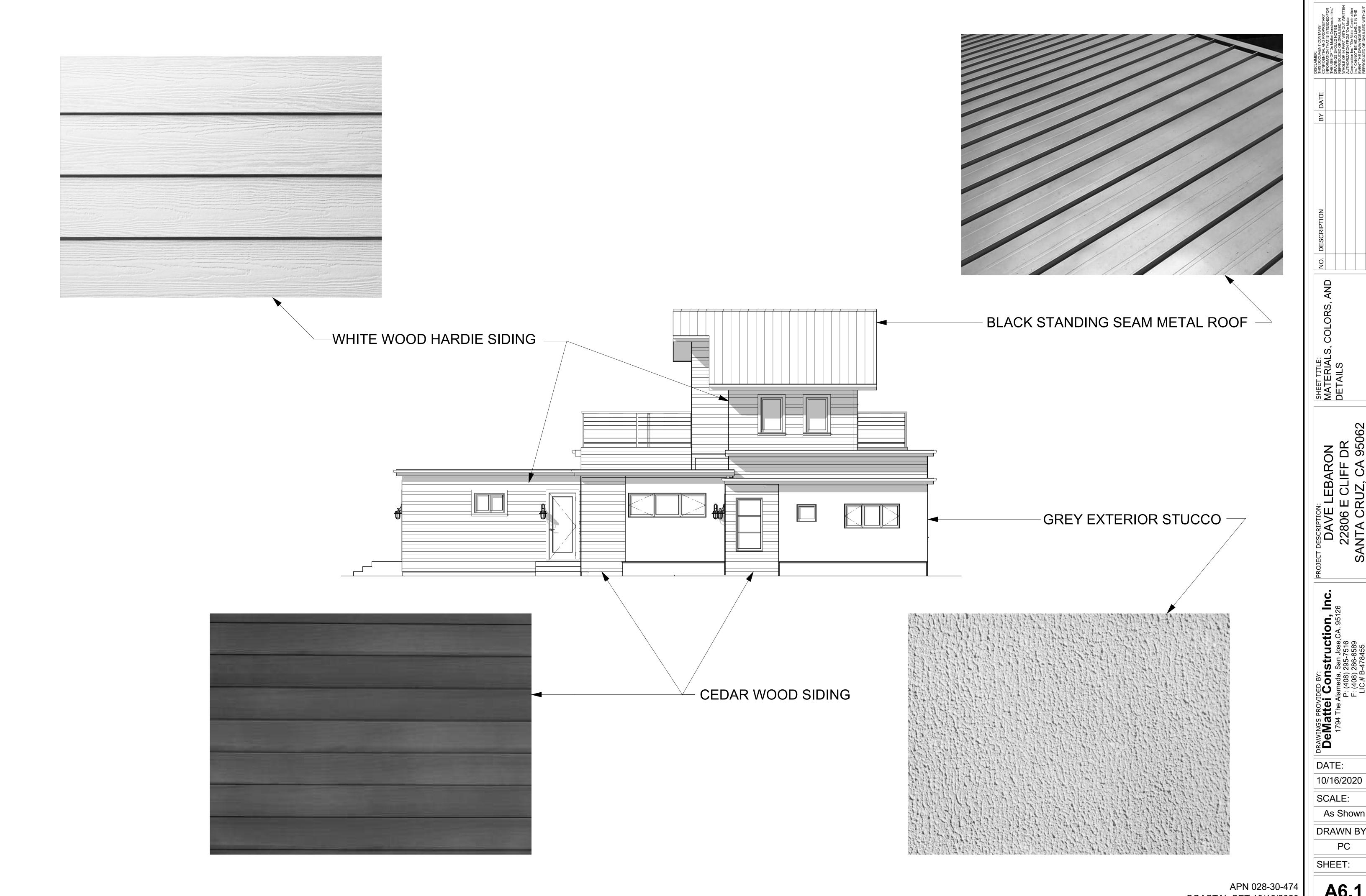
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22811 E. CLIFF DRIVE



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