

# Legalize Unpermitted Work

## PIPE SPECIFICATIONS

- WATER.....TYPE 'K' SOFT COPPER TUBING BELOW FLOOR OR GRADE.  
TYPE 'L' HARD DRAWN COPPER TUBING WITH WROUGHT SOLDER JOINT FITTINGS ABOVE FLOOR OR GRADE.
- GAS.....SCHEDULE 40 BLACK STEEL PIPE WITH BLACK MALLEABLE IRON SCREWED FITTINGS. EXPOSED TO WEATHER SHALL BE GALVANIZED, STEEL PIPE.

### STORM DRAIN, WASTE, VENT & SANITARY SEWER:

#### ABOVE AND BELOW GRADE

ALL WASTE, VENT, SEWER & STORM LINES SHALL BE OF SCHEDULE 40 ABS, PVC, DWV PIPE & FITTINGS. ABS AND PVC DWV PIPING INSTALLATIONS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE STANDARDS REFERENCED IN TABLE 140.1.

## PROJECT DIRECTORY

**OWNER:** Zhenyan Wang  
850 E. Columbia Ave  
Pomona, CA 91767

**Designer:** West Coast Design Group  
41055 Chaco Cyn. Rd.  
Murrieta, CA 92562  
(951) 543-6002  
Jerry Fabio

## SCOPE OF WORK

- LEGALIZE UNPERMITTED WORK FOR
  - BATHROOMS (2)
  - 1 BEDROOM (ENLARGE 1 WINDOW)
  - STORAGE ROOM
  - REMOVE ILLEGALLY BUILT PATIO
  - REMOVE (1) ILLEGALLY BUILT RESTROOM

## CODE SUMMARY

**BUILDING CODES:**  
2022 CALIFORNIA RESIDENTIAL CODE  
2022 CALIFORNIA BUILDING CODE  
2022 CALIFORNIA ELECT. CODE  
2022 CALIFORNIA MECH. CODE  
2022 CALIFORNIA PLUMB. CODE  
2022 CALIFORNIA FIRE CODE  
2022 CALIFORNIA STATE ENERGY CODE  
2022 GREEN BUILDING STANDARDS  
CITY OF POMONA MUNICIPAL CODE

## Title Sheet / Notes

T-1 Title Sheet/ Site Plan

## Demo Plan

AD-1 Demo Plan (First Floor)   
AD-2 Demo Plan (2nd)

## General Notes

GN-1 Symbols/ Legends & Notes

## Plans

A-1 Floor Plan (First Floor)   
A-2 Floor Plan (2nd Floor)   
A-3 Reflected Ceiling Plan (First Floor)   
A-4 Reflected Ceiling Plan (2nd Floor)

## Exterior Elevations

A-5 Exterior Elevations

## Schedule & Diagrams

A-6 Door & Window Schedule

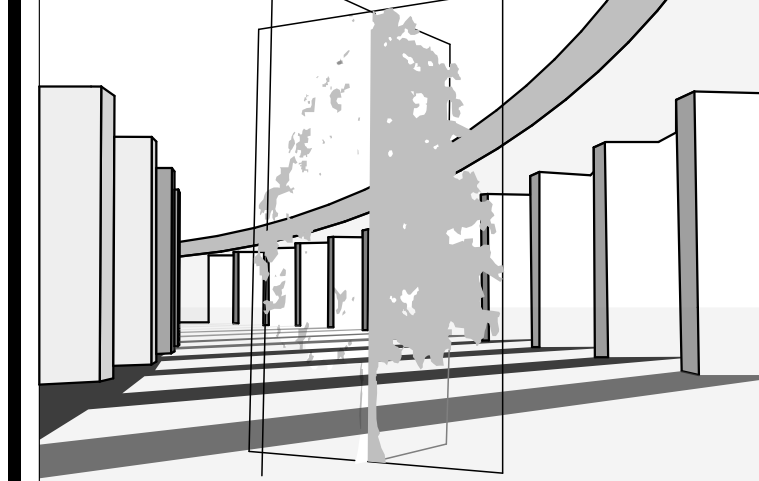
## Energy

A-7 Mandatory Measures   
A-8 California Green Building   
A-9 California Green Building   
A-10 Title 24

## Electrical Sheets

E-1 Power Plan

## WEST COAST DESIGN GROUP



## PLANNING - DESIGN

41055 CHACO CANYON ROAD  
MURRIETA CA 92562

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## CLIENT:

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Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#: -

## SHEET TITLE

Title Sheet/ Site Plan

T-1

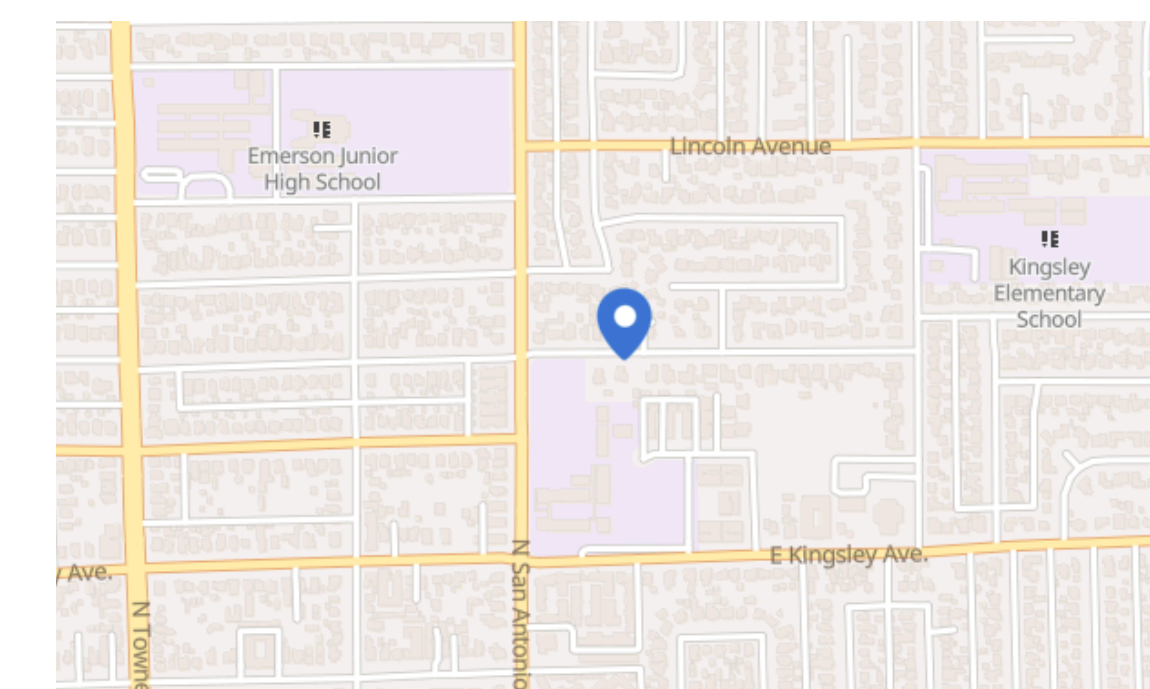
SHEET 8

## PROJECT INFORMATION

**AREA:**  
(E) RESIDENCE FLOOR AREA: 2,501 SQ. FT.  
LEGALIZATION AREA: 362 SQ. FT.  
TOTAL AREA OF WORK: 362 SQ. FT.  
GARAGE AREA: 990 SQ. FT.  
SITE AREA: 20,037 SQ. FT.  
A.P.N.: 8319-020-002

## LEGAL DESCRIPTION

LOT 1, TRACT 42313, MB 1008-36-37  
TYPE OF CONSTRUCTION: V-B  
OCCUPANCY GROUP: R-3  
NUMBER OF UNITS: 1  
NUMBER OF STORIES: 2  
SPRINKLERED: NO  
BUILDING HEIGHT: 25'-6"



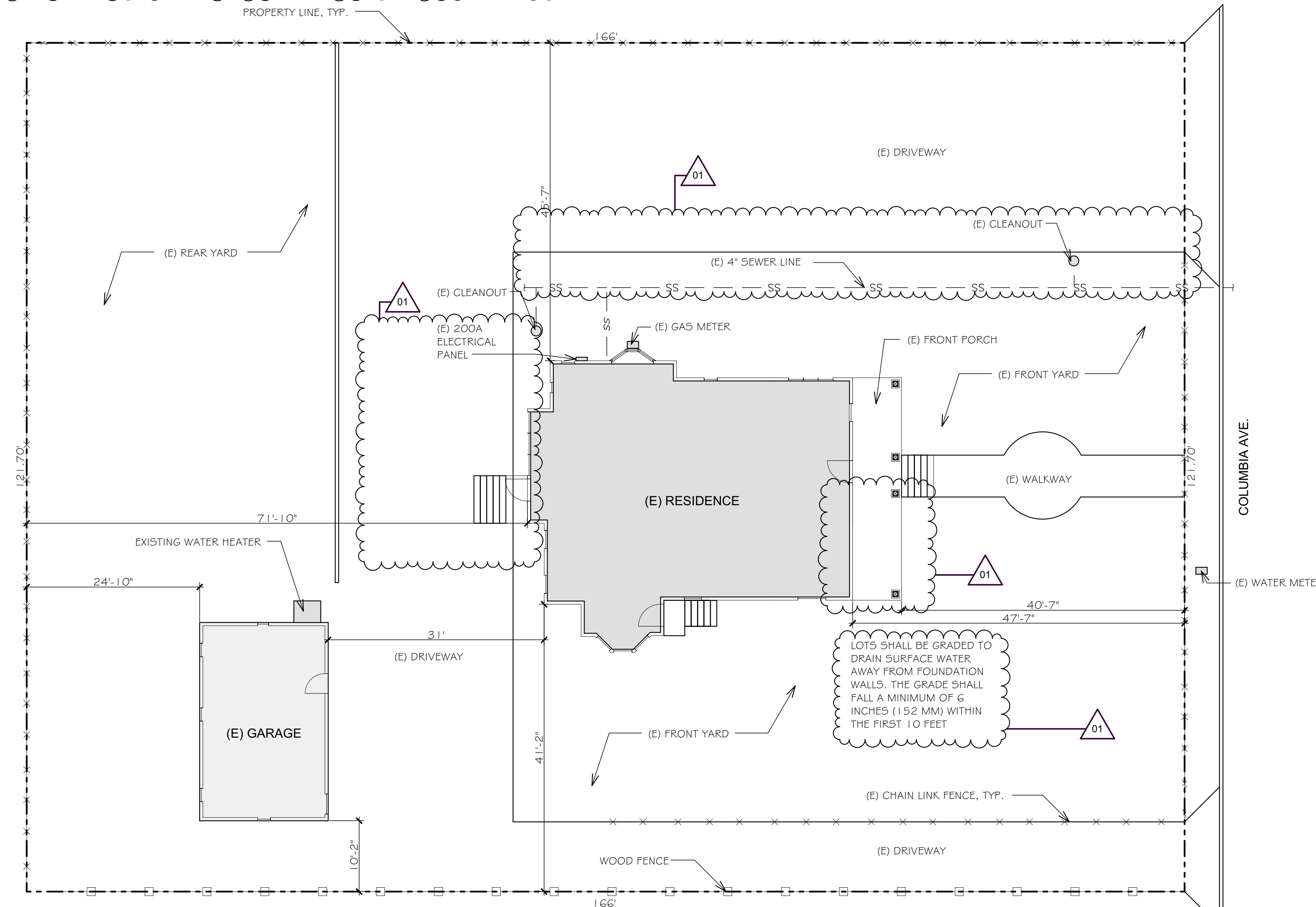
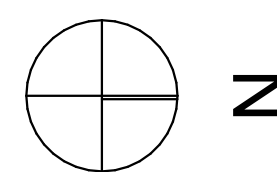
## Vicinity Map

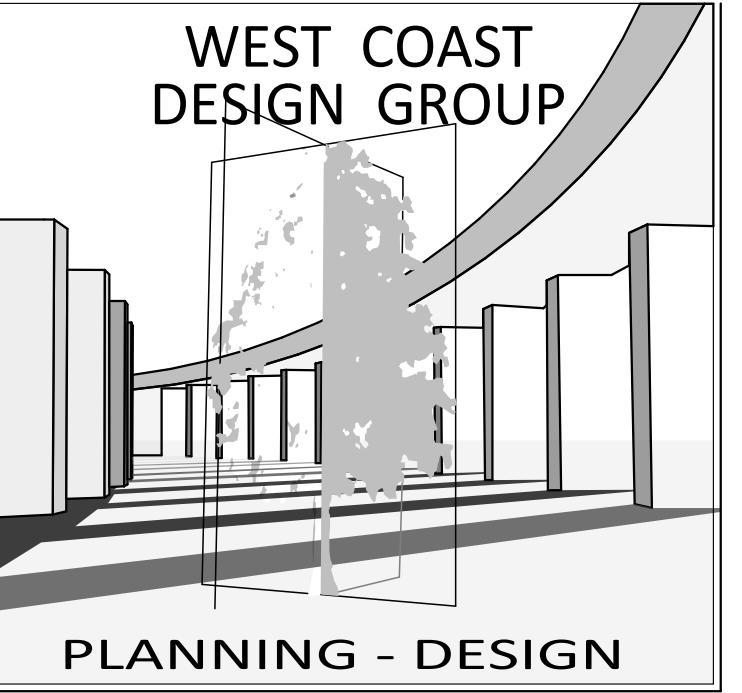
## NOTES:

- APPLICATIONS FOR WHICH NO PERMIT IS ISSUED WITHIN 180 DAYS FOLLOWING THE DATE OF APPLICATION SHALL AUTOMATICALLY EXPIRE.
- EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS WORK AUTHORIZED COMMENCES WITHIN 180 DAYS AFTER ITS ISSUANCE OR IF THE WORK AUTHORIZED IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS. A SUCCESSFUL INSPECTION MUST BE OBTAINED WITHIN 180 DAYS.

1 Site Plan

SCALE: 3/32" = 1'-0"





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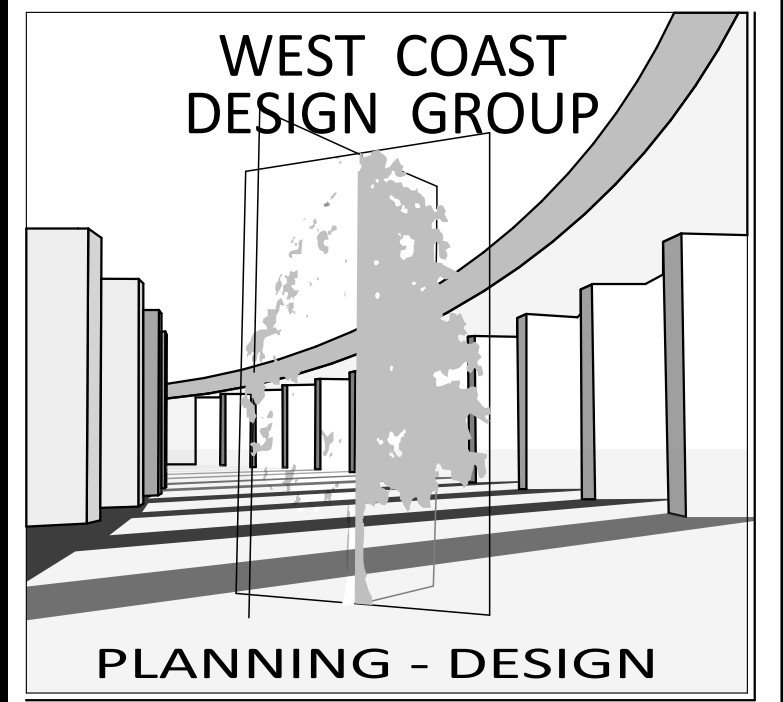
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SHEET TITLE  
  
Demo Plan (First Floor)

**AD-1**  
SHEET 9



1 Demo Plan (1st Floor)  
SCALE: 1/4" = 1'-0"



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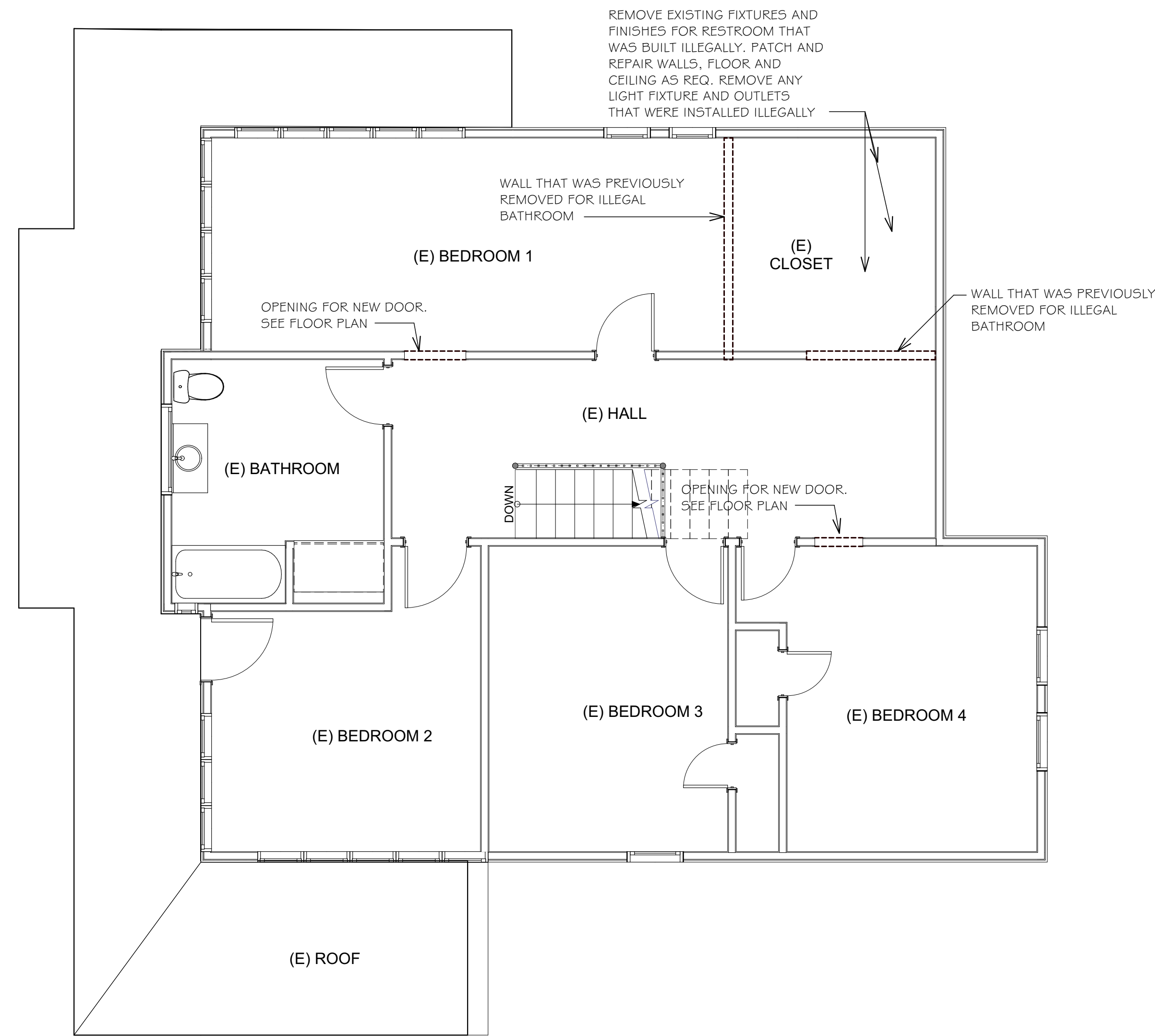
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1 Demo Plan (2nd Floor)  
SCALE: 1/4" = 1'-0"

Mark	Transmittal Set Date	Description

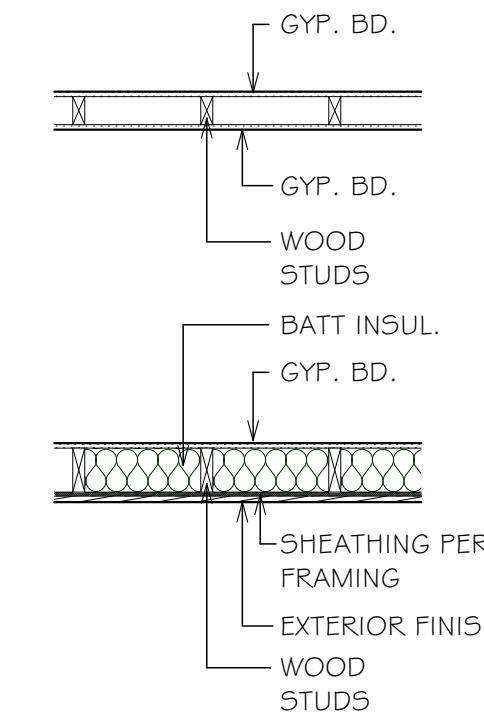
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SHEET TITLE  
Demo Plan (2nd)

## Abbreviations

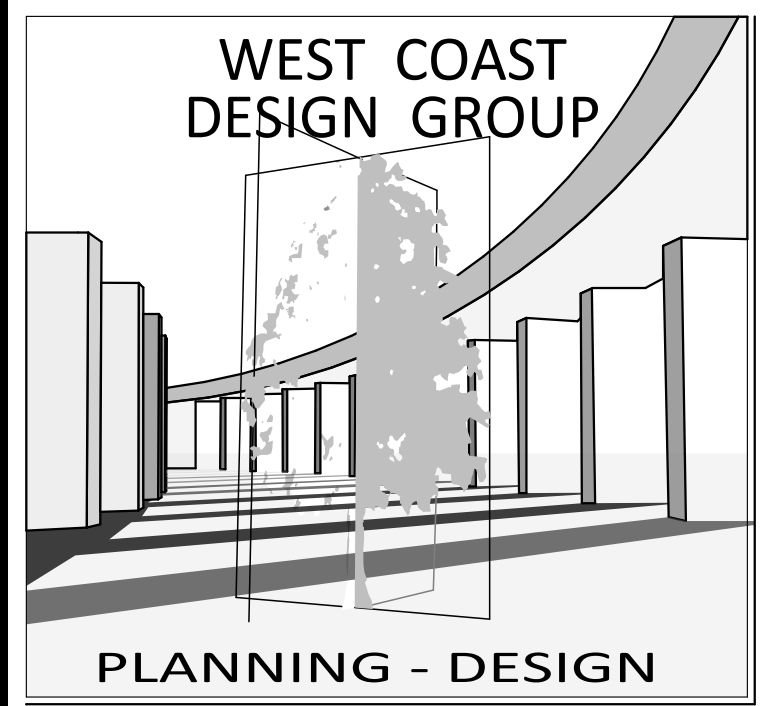
<p># Pound OR Number &amp; And @ At ACT Acoustic Ceiling Tile AD Area Drain AFF Above Finished Floor ALUM Aluminum ANOD Anodized BSMT Basement BYND Beyond BOT Bottom CIP Cast In Place CHNL Channel CJ Control Joint CL Center Line CLG Ceiling CLR Clear CMU Concrete Masonry Unit COL Column COMPR Compressible CONC Concrete CONT Continuous CPT Carpet CT Ceramic Tile CTYD Courtyard DBL Double DEMO Demolish or Demolition DIA Diameter DIM Dimension DIMS Dimensions DN Down DR Door DWG Drawing</p>	<p>EA Each EJ Expansion Joint EL Elevation ELEC Electrical ELEV Elevator or Elevation EPDM Ethylene Propylene Diene M-Class (Roofing) EQ Equal EXIST Existing EXP JT Expansion Joint EXT Exterior FD Floor Drain or Fire Department FEC Fire Extinguisher Cabinet FF Finished Face or Finished Floor FFL Finished Floor Level FIXT Fixture FLR Floor FM Filled Metal FO Face Of FND Foundation GA Gauge GALV Galvanized GWB Gypsum Wall Board HC Hollow Core HI High HM Hollow Metal HP High Point HR Hour HVAC Heating, Ventilating, And Air Conditioning IRGWB Impact Resistant Gypsum Wall Board ILO In Lieu Of INSUL Insulated or Insulation INT Interior LO Low</p>	<p>MAX Maximum MO Masonry Opening MECH Mechanical MEMBR Membrane MIN Minimum MRGWB Moisture-Resistant Gypsum Wall Board MTL Metal NIC Not In Contract NO Number NOM Nominal OC On Center OH Overhang or Opposite Hand OPP Opposite or Opposite Hand OZ Ounce PCC Pre-Cast Concrete PLUMB Plumbing PLYD Plywood PT Pressure Treated PNT Paint or Painted PVC Polyvinyl Chloride RBR Rubber RCP Reflected Ceiling Plan RD Roof Drain REQU Required RM Room SHI Similar SD Smoke Detector SPEC Specified OR Specification SPK Sprinkler or Speaker SSTL Stainless Steel STC Sound Transmission Coefficient STL Steel STRUCT Structure or Structural</p>	<p>T&amp;G Tongue And Groove TELE Telephone TLT Toilet TME To Match Existing TO Top Of TOC Top Of Concrete TOS Top Of Steel TPD Toilet Paper Dispenser T/D Telephone/Data TYP Typical UNO Unless Noted Otherwise U/S Underside VIF Verify In Field VP Vision Panel W/ With WD Wood</p>
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## Wall Legend



INTERIOR WALL: 2X4 WOOD STUDS AT 16" O.C. WITH GYP. BD. FINISH. SEE FINISH SCHEDULE FOR MORE INFORMATION. PLUMBING WALLS TO HAVE 2X6 WOOD STUDS AT 16" O.C.

EXTERIOR WALL: 2X6 WOOD STUDS AT 16" O.C. WITH BATT INSULATION IN THE CAVITY.



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SHEET TITLE

Symbols/ Legends & Notes

# GN-1

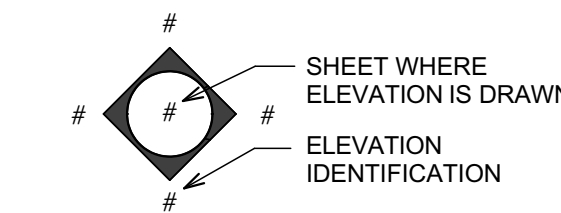
SHEET 11

## Notes

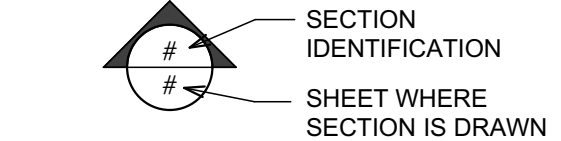
1. NUMBER ONE IT IS THE RESPONSIBILITY OF THE OWNER OR BUILDER TO NOTIFY THE DESIGNER, IN WRITING, OF SUBSTITUTIONS OR FIELD REVISIONS TO THESE PLANS.
2. THE DESIGNER WILL IN NO WAY BE RESPONSIBLE FOR THE QUALITY OF MATERIALS OR WORKMANSHIP PROVIDED BY THE OWNER, BUILDER, OR HIS SUBCONTRACTORS.
3. THESE PLANS ARE THE PROPERTY OF THE DESIGNER AND ARE INTENDED FOR THE USE ONLY ON THE PROPERTY DESCRIBED ON THESE SHEETS. USE FOR ANY OTHER PURPOSE IS STRICTLY FORBIDDEN WITHOUT THE WRITTEN CONSENT OF THE DESIGNER.
4. RESIDENTIAL STREET ADDRESS SHALL BE POSTED WITH A MINIMUM OF 4" NUMBERS, VISIBLE FROM THE STREET AND DURING THE HOUR OF DARKNESS, THE NUMBERS SHALL BE INTERNALLY, ELECTRICALLY ILLUMINATED WITH A LOW VOLTAGE POWER SOURCE. POSTED NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND AND BE VISIBLE AND LEGIBLE FROM THE STREET. WHERE BUILDING SETBACKS EXCEED 100 FEET FROM THE ROADWAY OR IF THE CONSTRUCTION IS NOT VISIBLE FROM THE ROADWAY, ADDITIONAL NON ILLUMINATED CONTRASTING 4" NUMBER SHALL BE DISPLAYED AT THE PROPERTY ACCESS ENTRANCE.
5. TRASH CONTAINERS AND SANITARY FACILITIES ARE REQUIRED ON ALL CONSTRUCTION SITES. CONSTRUCTION SITES NOT COMPLYING WITH THESE REQUIREMENTS WILL NOT RECEIVE SCHEDULE INSPECTIONS AND RISK REVOCATION OF THE BUILDING PERMIT.
6. MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH THE LATEST CALIFORNIA GREEN BUILDING STANDARD CODE LOCATED IN THIS SET OF PLANS.
7. AT ROUGH INSTALLATION OR DURING STORAGE ON THE SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER ACCEPTABLE METHODS TO REDUCE DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.
8. PROVIDE INSTALLATION AND INSTALLATION CERTIFICATES TO THE BUILDING DEPARTMENT PRIOR TO FINAL INSPECTION.
9. DOMESTIC HOT WATER PIPING SHALL BE INSULATED THROUGHOUT THE PROPOSED STRUCTURE. (MOUNTAIN REGIONS)
10. THE ANNULAR SPACES AROUND PIPES, ELECTRICAL CABLES, CONDUITS OR OTHER OPENINGS IN SOLE/ BOTTOM PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHODS.

## Graphic and Material Symbol

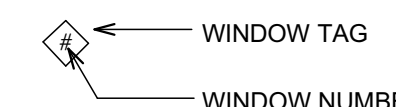
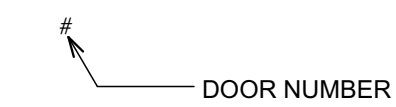
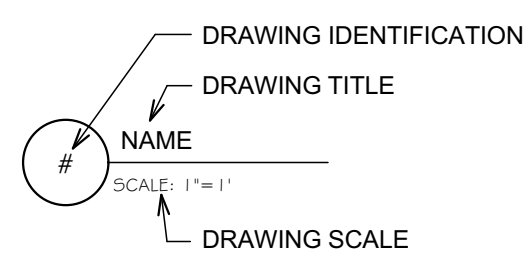
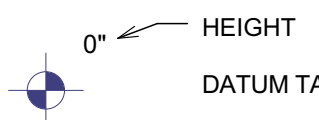
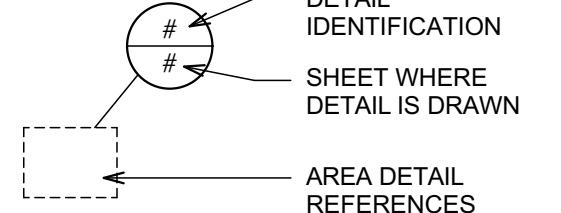
### INTERIOR ELEVATION TAG



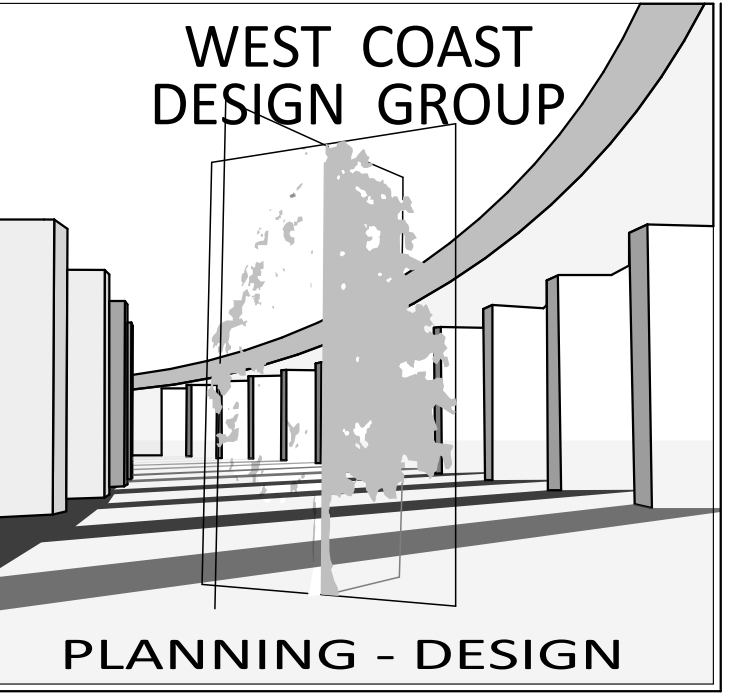
### BUILDING SECTION TAG



### DETAIL TAG



- INSULATION
- CONCRETE
- EARTH
- WOOD ROUGH
- WOOD BLOCKING
- PLYWOOD
- BRICK

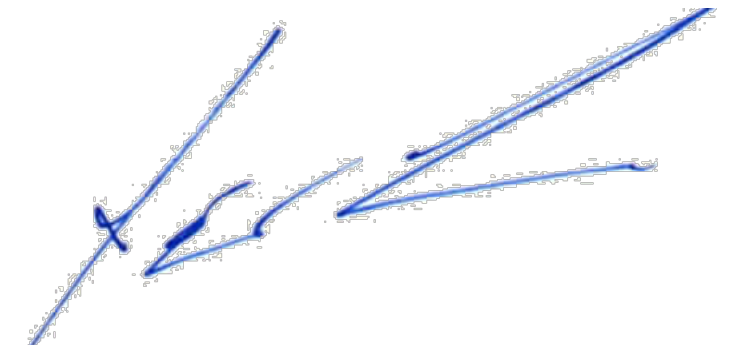


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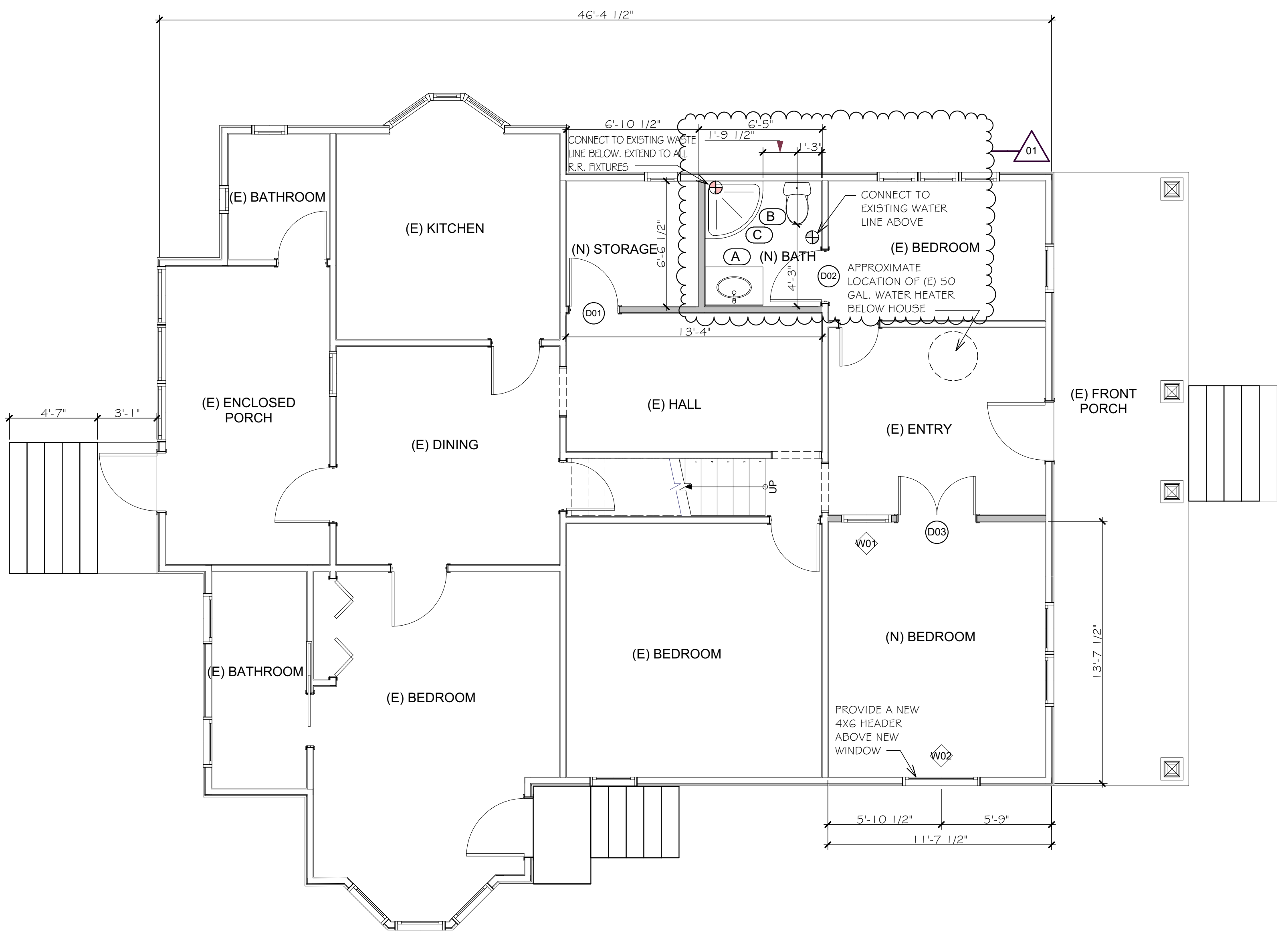


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01	5/17/2024	B&S #1 B&S #1 B&S #1

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SHEET TITLE  
  
Floor Plan (First Floor)

**A-1**  
SHEET 12



**1 Floor Plan (1st Floor)**  
SCALE: 1/4" = 1'-0"

#	2D Plan Preview	Description
A		New Bathroom Sink with a Low Flow Faucet - See Notes
B		Low Flow Toilet - See notes
C		Shower - Premanufactured. Install per manufacturer

- BATHROOM NOTES:**
- THE MIXING VALVE IN A SHOWER (INCLUDING OVER A TUB) SHALL BE PRESSURE BALANCING SET AT A MAXIMUM 120° F. THE WATER-FILLER VALVE IN BATHTUBS/WHIRLPOOLS SHALL HAVE A TEMPERATURE LIMITING DEVICE SET AT A MAXIMUM OF 120° F. THE WATER HEATER THERMOSTAT CANNOT BE USED TO MEET THESE PROVISIONS. (CPC408.3, 409.4).
  - NEW OR RECONFIGURED SHOWER STALLS SHALL BE A MINIMUM FINISHED INTERIOR OF 1,024 SQUARE INCHES, BE CAPABLE OF ENCOMPASSING A 30 INCH DIAMETER CIRCLE. ANY DOORS SHALL SWING OUT OF THE ENCLOSURE HAVE A CLEAR OPENING OF 22 INCHES MINIMUM. (CPC 408.5, 408.6).
  - SHOWER STALLS AND BATHTUBS WITH SHOWER HEADS INSTALLED, SHALL HAVE WALLS FINISHED WITH A NONABSORBENT SURFACE FOR A MINIMUM OF 6 FEET ABOVE THE FLOOR. (CBC 1210 AND CRC R307.2).
  - TEMPERED GLAZING SHALL BE INSTALLED IN THE LOCATIONS LISTED BELOW. TEMPERED GLAZING SHALL BE PERMANENTLY IDENTIFIED BY A MANUFACTURER MARKING THAT IS PERMANENTLY APPLIED AND CANNOT BE REMOVED WITHOUT BEING DESTROYED (E.G. SAND BLASTED, ACID ETCHED, CERAMIC FIRED, LASER ETCHED, OR EMBOSSED).
  - WITHIN A PORTION OF WALL ENCLOSING A TUB/SHOWER WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE STANDING SURFACE AND DRAIN INLET.
  - WITHIN 60 INCHES OF A TUB/SHOWER WHERE THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE. GLAZING ON THE HINGE-SIDE OF AN IN-SWINGING DOOR THAT IS INSTALLED PERPENDICULAR TO A DOOR IN A CLOSED POSITION AND WITHIN 24 INCHES OF THE DOOR.
  - ALL RECEPTACLES SHALL BE GFCI PROTECTED AND TAMPER-RESISTANT (TR). IF ANY NEW/ADDITIONAL OUTLETS ARE INSTALLED, THE BATHROOM SHALL HAVE A DEDICATED 20-AMP CIRCUIT. (CEC 210.8, 210.11, 406.12)
  - EXHAUST FANS WITH A MINIMUM VENTILATION RATE OF 50 CFM ARE REQUIRED IN ALL BATHROOMS, EVEN IF AN OPERABLE WINDOW IS INSTALLED. EXHAUST FANS AND LIGHTING SHALL HAVE SEPARATE CONTROL SWITCHES (EVEN IF A COMBINATION UNIT IS INSTALLED). THE EXHAUST FAN MAY NEED TO BE SUPPLIED BY A GFCI PROTECTED CIRCUIT BASED ON THE MANUFACTURER'S REQUIREMENTS. (CEES 150.0(K), 150.0(O))
  - ALL MECHANICAL EXHAUST FANS IN ROOMS WITH A BATHTUB OR SHOWER SHALL COMPLY WITH THE FOLLOWING:
    - FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
    - FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL UNLESS FUNCTIONING CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE BETWEEN ±50% TO A MAXIMUM OF 80% UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM.
  - LIGHTING FIXTURES LOCATED WITHIN 3 FEET HORIZONTALLY AND 8 FEET VERTICALLY OF THE BATHTUB RIM OR SHOWER STALL THRESHOLD SHALL BE LISTED FOR A DAMP LOCATION, OR LISTED FOR WET LOCATIONS WHERE SUBJECT TO SHOWER SPRAY. (CEC 410.10)
  - ALL INSTALLED LIGHTING FIXTURES SHALL BE HIGH EFFICIENCY.
  - WATER CONSERVING FIXTURES IN COMPLIANCE WITH THE 2022 CGG SHALL BE INSTALLED. WATER CLOSETS SHALL HAVE AN AVERAGE WATER CONSUMPTION OF NOT MORE THAN 1.28 GALLONS PER FLUSH; SHOWER HEADS SHALL HAVE A WATER FLOW NOT TO EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI; MAXIMUM FLOW RATE OF LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI, AND KITCHEN FAUCET SHALL HAVE A FLOW RATE NOT TO EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI.
  - ALL NON-COMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES, PER THE 2022 CGC. (CIVIL CODE SECTION 1101.4(A)) NONCOMPLIANT PLUMBING FIXTURE MEANS ANY OF THE FOLLOWING:
    - ANY TOILET MANUFACTURED TO USE MORE THAN 1.6 GALLONS OF WATER PER FLUSH.
    - ANY URINAL MANUFACTURED TO USE MORE THAN ONE GALLON OF WATER PER FLUSH.
    - ANY SHOWERHEAD MANUFACTURED TO HAVE A FLOW CAPACITY OF MORE THAN 2.5 GALLONS OF WATER PER MINUTE.
    - ANY INTERIOR FAUCET THAT EMITS MORE THAN 2.2 GALLONS OF WATER PER MINUTE.

Types of Fixtures	Number of Fixture Units Per Fixture		Quantity	Total
	Private Use	Public Use		
Bar Sink	1	2	X	0
Bathtub (with or without shower over)	2	4	X	1
Dental unit or cuspidor	1	X	0	0
Drinking fountain (each head)	1	2	X	0
Hose bibb (standard type faucet)	3	5	X	1
House trailer (each)	6	6	X	0
Laundry tub or clothes washer	2	4	X	1
Lavatory	1	2	X	6
Lavatory (dental)	1	2	X	0
Lawn sprinklers (standard type each head)	1	1	X	0
Shower (each head)	2	4	X	4
Sink (bar)	1	2	X	0
Sink or dishwasher	2	4	X	1
Sink (flushing rim, clinic)	-	10	X	0
Sink (washup, each set of faucets)	-	2	X	0
Sink (washup, circular spray)	-	4	X	0
Toilet (flush tank)	3	5	X	6
Toilet (flushometer valve)	6	10	X	0
Urinal (pedestal or similar type)	-	10	X	0
Urinal (stall or wall)	-	5	X	0
Urinal (flush tank)	-	3	X	0
Other ( please specify )	-	X	0	0

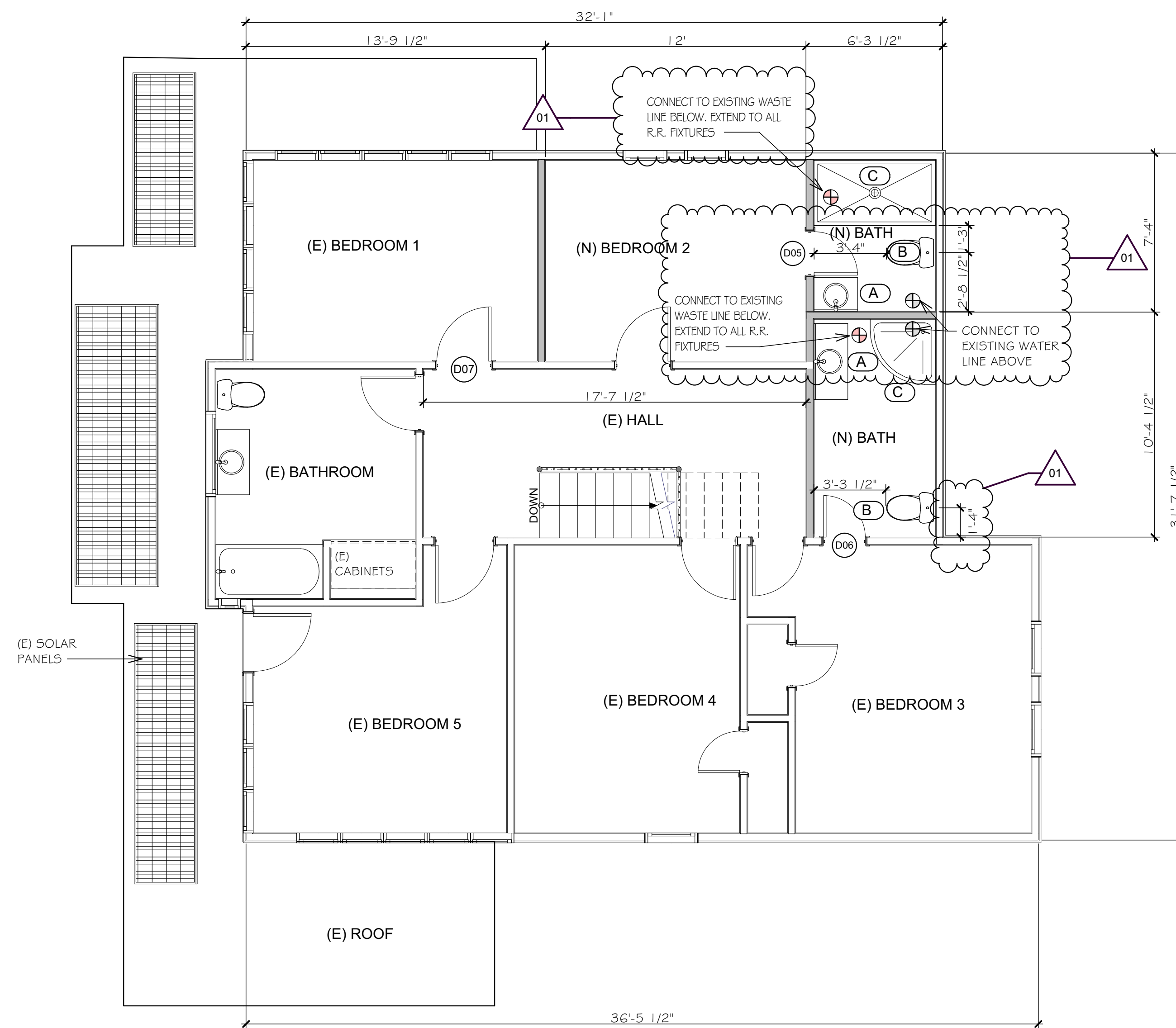
Water supply outlets for items not listed above shall be computed at their maximum demand, but in no case less than:

3/8 inch	1	2	X	0
1/2 inch	2	4	X	0
3/4 inch	3	6	X	0
1 inch	6	10	X	0

**TOTAL FIXTURE UNITS = 41**

01

01



1 Floor Plan (2nd Floor)  
SCALE: 1/4" = 1'-0"

Floor Plan Keynotes		
#	2D Plan Preview	Description
A		New Bathroom Sink with a Low Flow Faucet - See Notes
B		Low Flow Toilet - See notes
C		Shower - Premanufactured. Install per manufacturer

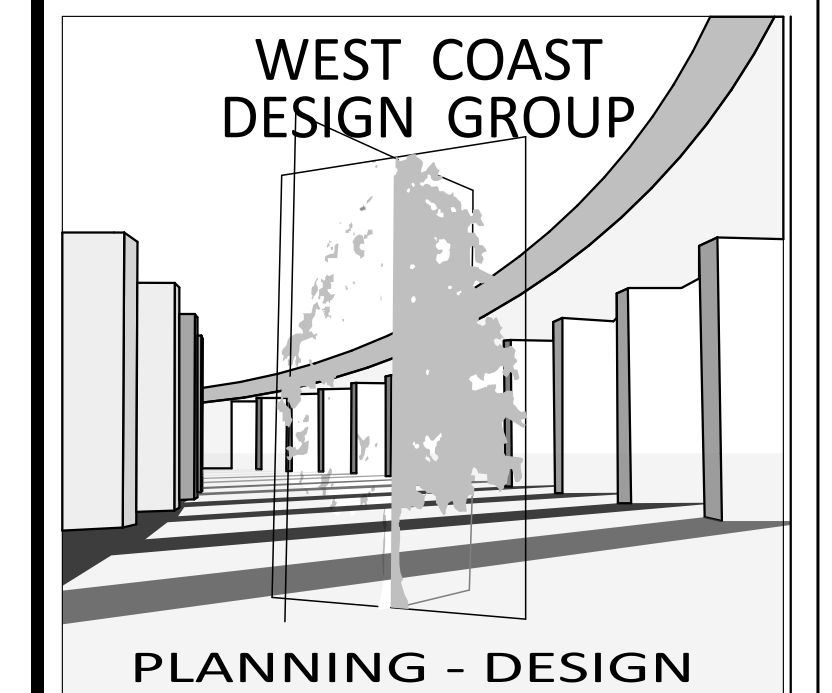
- BATHROOM NOTES:**
- THE MIXING VALVE IN A SHOWER (INCLUDING OVER A TUB) SHALL BE PRESSURE BALANCING SET AT A MAXIMUM 120° F. THE WATER-FILLER VALVE IN BATHTUBS/WHIRLPOOLS SHALL HAVE A TEMPERATURE LIMITING DEVICE SET AT A MAXIMUM OF 120° F. THE WATER HEATER THERMOSTAT CANNOT BE USED TO MEET THESE PROVISIONS. (CPC408.3, 409.4).
  - NEW OR RECONFIGURED SHOWER STALLS SHALL BE A MINIMUM FINISHED INTERIOR OF 1,024 SQUARE INCHES, BE CAPABLE OF ENCOMPASSING A 30 INCH DIAMETER CIRCLE. ANY DOORS SHALL SWING OUT OF THE ENCLOSURE HAVE A CLEAR OPENING OF 22 INCHES MINIMUM. (CPC 408.5, 408.6).
  - SHOWER STALLS AND BATHTUBS WITH SHOWER HEADS INSTALLED, SHALL HAVE WALLS FINISHED WITH A NONABSORBENT SURFACE FOR A MINIMUM OF 6 FEET ABOVE THE FLOOR. (CBC 1210 AND CRC R307.2).
  - TEMPERED GLAZING SHALL BE INSTALLED IN THE LOCATIONS LISTED BELOW. TEMPERED GLAZING SHALL BE PERMANENTLY IDENTIFIED BY A MANUFACTURER MARKING THAT IS PERMANENTLY APPLIED AND CANNOT BE REMOVED WITHOUT BEING DESTROYED (E.G. SAND BLASTED, ACID ETCHED, CERAMIC FIRED, LASER ETCHED, OR EMBOSSED).
  - WITHIN A PORTION OF WALL ENCLOSING A TUB/SHOWER WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE STANDING SURFACE AND DRAIN INLET.
  - WITHIN 60 INCHES OF A TUB/SHOWER WHERE THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE. GLAZING ON THE HINGE-SIDE OF AN IN-SWINGING DOOR THAT IS INSTALLED PERPENDICULAR TO A DOOR IN A CLOSED POSITION AND WITHIN 24 INCHES OF THE DOOR.
  - ALL RECEPTACLES SHALL BE GFCI PROTECTED AND TAMPER-RESISTANT (TR). IF ANY NEW/ADDITIONAL OUTLETS ARE INSTALLED, THE BATHROOM SHALL HAVE A DEDICATED 20-AMP CIRCUIT. (CEC 210.8, 210.11, 406.12)
  - EXHAUST FANS WITH A MINIMUM VENTILATION RATE OF 50 CFM ARE REQUIRED IN ALL BATHROOMS, EVEN IF AN OPERABLE WINDOW IS INSTALLED. EXHAUST FANS AND LIGHTING SHALL HAVE SEPARATE CONTROL SWITCHES (EVEN IF A COMBINATION UNIT IS INSTALLED). THE EXHAUST FAN MAY NEED TO BE SUPPLIED BY A GFCI PROTECTED CIRCUIT BASED ON THE MANUFACTURER'S REQUIREMENTS. (CEES 150.0(K), 150.0(O))
  - ALL MECHANICAL EXHAUST FANS IN ROOMS WITH A BATHTUB OR SHOWER SHALL COMPLY WITH THE FOLLOWING:
    - FANS SHALL BE ENERGY STAR COMPLIANT AND BE DUCTED TO TERMINATE OUTSIDE THE BUILDING.
    - FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL UNLESS FUNCTIONING CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE BETWEEN ±50% TO A MAXIMUM OF 80% UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM.
  - LIGHTING FIXTURES LOCATED WITHIN 3 FEET HORIZONTALLY AND 8 FEET VERTICALLY OF THE BATHTUB RIM OR SHOWER STALL THRESHOLD SHALL BE LISTED FOR A DAMP LOCATION, OR LISTED FOR WET LOCATIONS WHERE SUBJECT TO SHOWER SPRAY. (CEC 410.10)
  - ALL INSTALLED LIGHTING FIXTURES SHALL BE HIGH EFFICIENCY.
  - WATER CONSERVING FIXTURES IN COMPLIANCE WITH THE 2022 CGC SHALL BE INSTALLED. WATER CLOSETS SHALL HAVE AN AVERAGE WATER CONSUMPTION OF NOT MORE THAN 1.28 GALLONS PER FLUSH; SHOWER HEADS SHALL HAVE A WATER FLOW NOT TO EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI; MAXIMUM FLOW RATE OF LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI, AND KITCHEN FAUCET SHALL HAVE A FLOW RATE NOT TO EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI.
  - ALL NON-COMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES, PER THE 2022 CGC. (CIVIL CODE SECTION 1101.4(A)) NONCOMPLIANT PLUMBING FIXTURE MEANS ANY OF THE FOLLOWING:
    - ANY TOILET MANUFACTURED TO USE MORE THAN 1.6 GALLONS OF WATER PER FLUSH.
    - ANY URINAL MANUFACTURED TO USE MORE THAN ONE GALLON OF WATER PER FLUSH.
    - ANY SHOWERHEAD MANUFACTURED TO HAVE A FLOW CAPACITY OF MORE THAN 2.5 GALLONS OF WATER PER MINUTE.
    - ANY INTERIOR FAUCET THAT EMITS MORE THAN 2.2 GALLONS OF WATER PER MINUTE.

Types of Fixtures	Number of Fixture Units Per Fixture		Quantity	Total
	Private Use	Public Use		
Bar Sink	1	2	X	0
Bathtub (with or without shower over)	2	4	X	1
Dental unit or cuspidor	1	X	0	0
Drinking fountain (each head)	1	2	X	0
Hose bibb (standard type faucet)	3	5	X	1
House trailer (each)	6	6	X	0
Laundry tub or clothes washer	2	4	X	1
Lavatory	1	2	X	6
Lavatory (dental)	1	2	X	0
Lawn sprinklers (standard type each head)	1	1	X	0
Shower (each head)	2	4	X	4
Sink (bar)	1	2	X	0
Sink or dishwasher	2	4	X	1
Sink (flushing rim, clinic)	-	10	X	0
Sink (washup, each set of faucets)	-	2	X	0
Sink (washup, circular spray)	-	4	X	0
Toilet (flush tank)	3	5	X	6
Toilet (flushometer valve)	6	10	X	0
Urinal (pedestal or similar type)	-	10	X	0
Urinal (stall or wall)	-	5	X	0
Urinal (flush tank)	-	3	X	0
Other ( please specify )	-	X	0	0

Water supply outlets for items not listed above shall be computed at their maximum demand, but in no case less than:

3/8 inch	1	2	X	0
1/2 inch	2	4	X	0
3/4 inch	3	6	X	0
1 inch	6	10	X	0

TOTAL FIXTURE UNITS **41**



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PROJECT:  
**Legalize Unpermitted Work**  
850 E. Columbia Ave  
Pomona, CA 91767

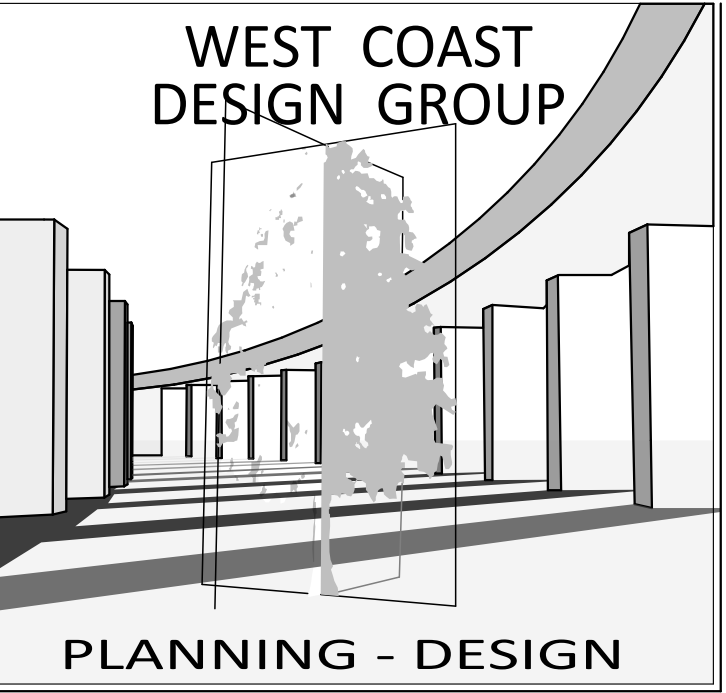
CLIENT:  
**Zhenyan Wang**

Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1 B&S #1 B&S #1

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#:

SHEET TITLE  
**Floor Plan (2nd Floor)**

**A-2**  
SHEET 13



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PROJECT:

Legalize Unpermitted Work  
850 E. Columbia Ave  
Pomona, CA 91767

CLIENT:

Zhenyan Wang

Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#:

SHEET TITLE  
**Reflected Ceiling Plan (First Floor)**

**A-3**

SHEET 14

### LUMINAIRE REQUIREMENTS

RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS.

LUMINAIRES RECESSED INTO CEILINGS SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS:

- BE LISTED, AS DEFINED IN SECTION 100.1, FOR ZERO CLEARANCE INSULATION CONTACT (IC) BY UNDERWRITERS LABORATORIES OR OTHER NATIONALLY RECOGNIZED TESTING/RATING LABORATORY; AND
- HAVE A LABEL THAT CERTIFIES THE LUMINAIRE IS AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 75 PASCALS WHEN TESTED IN ACCORDANCE WITH ASTM E283. AN EXHAUST FAN HOUSING SHALL NOT BE REQUIRED TO BE CERTIFIED AIRTIGHT; AND
- BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING, AND SHALL HAVE ALL AIR LEAK PATHS BETWEEN CONDITIONED AND UNCONDITIONED SPACES SEALED WITH A GASKET OR CAULK; AND
- FOR LUMINAIRES WITH HARDWIRED BALLASTS OR DRIVERS, ALLOW BALLAST OR DRIVER MAINTENANCE AND REPLACEMENT TO BE READILY ACCESSIBLE TO BUILDING OCCUPANTS FROM BELOW THE CEILING WITHOUT REQUIRING THE CUTTING OF HOLES IN THE CEILING; AND
- SHALL NOT CONTAIN SCREW BASE SOCKETS; AND
- SHALL CONTAIN LIGHT SOURCES THAT COMPLY WITH REFERENCES JOINT APPENDIX JAB, INCLUDING THE ELEVATED TEMPERATURE REQUIREMENTS, AND THAT ARE MARKED "JAB-2016-E" AS SPECIFIED IN REFERENCE JOINT APPENDIX JAB.

2. LIGHTING INTEGRAL TO EXHAUST FANS SHALL MEET THE APPLICABLE REQUIREMENTS OF SECTION 150.0(K).

EXCEPTION TO SECTION 150.0(K)1F: LIGHTING INSTALLED BY THE MANUFACTURER IN KITCHEN EXHAUST HOODS.

SCREW BASED LUMINAIRES SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS:

- THE LUMINAIRES SHALL NOT BE RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS; AND
- THE LUMINAIRES SHALL CONTAIN LAMPS THAT COMPLY WITH REFERENCE JOINT APPENDIX JAB; AND
- THE INSTALLED LAMPS SHALL BE MARKED WITH "JAB-2016" OR "JAB-2016-E" AS SPECIFIED IN REFERENCE JOINT APPENDIX JAB.

EXCEPTION TO SECTION 150.0(K)1G: LUMINAIRES WITH HARDWIRED BALLASTS FOR HIGH INTENSITY DISCHARGE LAMPS.

H. ENCLOSED LUMINAIRES. LIGHT SOURCES THAT ARE NOT MARKED "JAB-2016-E" SHALL NOT BE INSTALLED IN ENCLOSED LUMINAIRES.

### INTERIOR LIGHTING SWITCHING DEVICES AND CONTROLS.

- ALL FORWARD PHASE CUT DIMMERS USED WITH LED LIGHT SOURCES SHALL COMPLY WITH NEMA SSL 7A.
- EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEMS.
- LUMINAIRES SHALL BE SWITCHED WITH READILY ACCESSIBLE CONTROLS THAT PERMIT THE LUMINAIRES TO BE MANUALLY SWITCHED ON AND OFF.
- LIGHTING CONTROLS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

E. NO CONTROLS SHALL BYPASS A DIMMER OR VACANCY SENSOR FUNCTION WHERE THAT DIMMER OR VACANCY SENSOR HAS BEEN INSTALLED TO COMPLY WITH SECTION 150.0(K).

F. LIGHTING CONTROLS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 110.9.

G. AN ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) MAY BE USED TO COMPLY WITH DIMMER REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A DIMMER IN ACCORDANCE WITH SECTION 110.9; MEETS THE INSTALLATION CERTIFICATE REQUIREMENTS IN SECTION 130.4, THE EMCS REQUIREMENTS IN SECTION 130.5(F), AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K).

H. AN ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) MAY BE USED TO COMPLY WITH VACANCY SENSOR REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A VACANCY SENSOR IN ACCORDANCE WITH SECTION 110.9; MEETS THE INSTALLATION CERTIFICATE REQUIREMENTS IN SECTION 130.4, THE EMCS REQUIREMENTS IN SECTION 130.5(F) AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K).

I. A MULTISENSE PROGRAMMABLE CONTROLLER MAY BE USED TO COMPLY WITH DIMMER REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A DIMMER IN ACCORDANCE WITH SECTION 110.9, AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K).

J. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR.

K. DIMMERS OR VACANCY SENSORS SHALL CONTROL ALL LUMINAIRES REQUIRED TO HAVE LIGHT SOURCES COMPLIANT WITH REFERENCE JOINT APPENDIX JAB.

EXCEPTION 1 TO SECTION 150.0(K)2K: LUMINAIRES IN CLOSETS LESS THAN 70 SQUARE FEET.

EXCEPTION 2 TO SECTION 150.0(K)2K: LUMINAIRES IN HALLWAYS.

L. UNDERCABINET LIGHTING SHALL BE SWITCHED SEPARATELY FROM OTHER LIGHTING SYSTEMS.

### OUTDOOR LIGHTING REQUIREMENTS

- OUTDOOR LUMINAIRES  
ALL LIGHTING ATTACHED TO THE RESIDENCE OR TO OTHER BUILDINGS ON THE SAME LOT MUST BE HIGH EFFICACY. TABLE 150.0-A LISTS ALL QUALIFYING HIGH EFFICACY LIGHT SOURCES. NOTE THAT SOLID STATE LIGHTING (SSL) LUMINAIRES INSTALLED OUTDOORS ARE EXEMPTED FROM THE GENERAL RESIDENTIAL LIGHTING REQUIREMENT THAT ALL SSL LUMINAIRES FOR RESIDENTIAL LIGHTING MUST MEET THE REQUIREMENTS OF JOINT APPENDIX JAB.
- SINGLE-FAMILY OUTDOOR LIGHTING  
ALL LIGHTING ATTACHED TO THE RESIDENCE OR TO OTHER BUILDINGS ON THE SAME LOT MUST BE HIGH EFFICACY, AND MUST BE CONTROLLED BY A MANUAL ON AND OFF SWITCH AND ONE OF THE FOLLOWING AUTOMATIC CONTROL TYPES:  
  - PHOTOCONTROL AND MOTION SENSOR.
  - PHOTOCONTROL AND AUTOMATIC TIME SWITCH CONTROL.
  - ASTRONOMICAL TIME CLOCK CONTROL THAT AUTOMATICALLY TURNS THE OUTDOOR LIGHTING OFF DURING DAYLIGHT HOURS.
  - EMCS THAT PROVIDES THE FUNCTIONALITY OF AN ASTRONOMICAL TIME CLOCK, DOES NOT HAVE AN OVERRIDE OR BYPASS SWITCH THAT ALLOWS THE LUMINAIRE TO BE ALWAYS ON, AND IS PROGRAMMED TO AUTOMATICALLY TURN THE OUTDOOR LIGHTING OFF DURING DAYLIGHT HOURS.
- MANUAL ON AND OFF SWITCHES MUST NOT OVERRIDE THE AUTOMATIC CONTROL FUNCTIONS LISTED ABOVE, AND ANY CONTROL THAT OVERRIDES THE AUTOMATIC CONTROLS TO ON MUST AUTOMATICALLY REACTIVATE THOSE CONTROLS WITHIN SIX HOURS.

LIGHTING THAT IS NOT PERMANENTLY ATTACHED TO A BUILDING ON A SINGLE-FAMILY SITE, SUCH AS DECORATIVE LANDSCAPE LIGHTING, IS NOT REGULATED BY THE RESIDENTIAL LIGHTING REQUIREMENTS. HOWEVER, PROVIDING HIGH EFFICACY LIGHTING AND CONTROLS SUCH AS A TIME CLOCK OR PHOTOCONTROL WILL HELP SAVE ENERGY AND ENSURE THAT THE LIGHTING IS NOT ACCIDENTALLY LEFT ON DURING DAYLIGHT HOURS.

NOTES:  
1. SMOKE ALARMS SHALL BE HARDWIRED WITH BATTERY BACKUP AND INTERCONNECTED SO THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OTHER ALARMS IN THE DWELLING UNIT. RETROFIT ALARMS MAY BE BATTERY OPERATED IN ROOMS WHERE CONSTRUCTION IS NOT PROPOSED.

2. CARBON MONOXIDE ALARMS SHALL BE HARDWIRED WITH BATTERY BACKUP AND INTERCONNECTED SO THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OTHER ALARMS IN THE DWELLING UNIT. RETROFIT ALARMS MAY BE BATTERY OPERATED IN ROOMS WHERE ALTERATIONS/REPAIRS DO NOT RESULT IN THE REMOVAL OF WALLS OR CEILING FINISHES.



1 Reflected Ceiling Plan (1st Floor)

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

2D Symbol	Name	Description	Quantity
	Bathroom Exhaust Fan	Exhaust fan - a min. of 5 air exchanges per hour, and shall be exhausted to the exterior. 50 cfm. min. and humidistat control in bathrooms with tub, shower or tub/shower. the exhaust fan shall be certified and listed on the California Energy Commission appliance database. fan shall be on a separate switch than the light fixture.	3
	Can Light	6" dia. Led light fixture. Install in ceiling per manuf. Fixture to be ic rated for installation with insulation	7
	Carbon Monoxide Detector	CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL HAVE BATTERY BACKUP.	2
	Light Switch	Light switch mounted 48" A.F.F. Adjust location at counters, islands, etc.	3
	Smoke Detector	SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL HAVE BATTERY BACKUP.	11
	Switch - Vacancy Sensor	Switch vacancy sensor control	3
	Switch-Dimmer	Light switch with dimming capabilities that meet current code. Typical height to be 48" to the bottom of the switch A.F.F. Adjust height as required for counters, island, etc.	2



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PROJECT:

Legalize Unpermitted Work  
850 E. Columbia Ave  
Pomona, CA 91767

CLIENT:

Zhenyan Wang

Mark	Transmittal Set Date	Description
01	5/17/2024	

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#: -

SHEET TITLE

Reflected Ceiling Plan (2nd Floor)

A-4

SHEET 15

**LUMINAIRE REQUIREMENTS**

RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS.

LUMINAIRES RECESSED INTO CEILINGS SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS:

- I. BE LISTED, AS DEFINED IN SECTION 100.1, FOR ZERO CLEARANCE INSULATION CONTACT (IC) BY UNDERWRITERS LABORATORIES OR OTHER NATIONALLY RECOGNIZED TESTING/RATING LABORATORY; AND
- II. HAVE A LABEL THAT CERTIFIES THE LUMINAIRE IS AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 75 PASCALS WHEN TESTED IN ACCORDANCE WITH ASTM E283. AN EXHAUST FAN HOUSING SHALL NOT BE REQUIRED TO BE CERTIFIED AIRTIGHT; AND
- III. BE SEALED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING, AND SHALL HAVE ALL AIR LEAK PATHS BETWEEN CONDITIONED AND UNCONDITIONED SPACES SEALED WITH A GASKET OR CAULK; AND
- IV. FOR LUMINAIRES WITH HARDWIRED BALLASTS OR DRIVERS, ALLOW BALLAST OR DRIVER MAINTENANCE AND REPLACEMENT TO BE READILY ACCESSIBLE TO BUILDING OCCUPANTS FROM BELOW THE CEILING WITHOUT REQUIRING THE CUTTING OF HOLES IN THE CEILING; AND
- V. SHALL NOT CONTAIN SCREW BASE SOCKETS; AND
- VI. SHALL CONTAIN LIGHT SOURCES THAT COMPLY WITH REFERENCES JOINT APPENDIX JAB, INCLUDING THE ELEVATED TEMPERATURE REQUIREMENTS, AND THAT ARE MARKED "JAB-2016-E" AS SPECIFIED IN REFERENCE JOINT APPENDIX JAB.

EXCEPTION TO SECTION 150.0(K)1F: LIGHTING INSTALLED BY THE MANUFACTURER IN KITCHEN EXHAUST HOODS.

SCREW BASED LUMINAIRES SHALL MEET ALL OF THE FOLLOWING REQUIREMENTS:

- I. THE LUMINAIRES SHALL NOT BE RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS; AND
- II. THE LUMINAIRES SHALL CONTAIN LAMPS THAT COMPLY WITH REFERENCE JOINT APPENDIX JAB; AND
- III. THE INSTALLED LAMPS SHALL BE MARKED WITH "JAB-2016" OR "JAB-2016-E" AS SPECIFIED IN REFERENCE JOINT APPENDIX JAB.

EXCEPTION TO SECTION 150.0(K)1G: LUMINAIRES WITH HARDWIRED BALLASTS FOR HIGH INTENSITY DISCHARGE LAMPS.

H. ENCLOSED LUMINAIRES. LIGHT SOURCES THAT ARE NOT MARKED "JAB-2016-E" SHALL NOT BE INSTALLED IN ENCLOSED LUMINAIRES.

**INTERIOR LIGHTING SWITCHING DEVICES AND CONTROLS.**

- A. ALL FORWARD PHASE CUT DIMMERS USED WITH LED LIGHT SOURCES SHALL COMPLY WITH NEMA SSL 7A.
  - B. EXHAUST FANS SHALL BE SWITCHED SEPARATELY FROM LIGHTING SYSTEMS.
- EXCEPTION TO SECTION 150.0(K)2B: LIGHTING INTEGRAL TO AN EXHAUST FAN MAY BE ON THE SAME SWITCH AS THE FAN PROVIDED THE LIGHTING CAN BE SWITCHED OFF IN ACCORDANCE WITH THE APPLICABLE PROVISIONS IN SECTION 150.0(K)2 WHILE ALLOWING THE FAN TO CONTINUE TO OPERATE FOR AN EXTENDED PERIOD OF TIME.
- C. LUMINAIRES SHALL BE SWITCHED WITH READILY ACCESSIBLE CONTROLS THAT PERMIT THE LUMINAIRES TO BE MANUALLY SWITCHED ON AND OFF.
  - D. LIGHTING CONTROLS AND EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

- E. NO CONTROLS SHALL BYPASS A DIMMER OR VACANCY SENSOR FUNCTION WHERE THAT DIMMER OR VACANCY SENSOR HAS BEEN INSTALLED TO COMPLY WITH SECTION 150.0(K).
- F. LIGHTING CONTROLS SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 110.9.
- G. AN ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) MAY BE USED TO COMPLY WITH DIMMER REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A DIMMER IN ACCORDANCE WITH SECTION 110.9; MEETS THE INSTALLATION CERTIFICATE REQUIREMENTS IN SECTION 130.4, THE EMCS REQUIREMENTS IN SECTION 130.5(F), AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K) 2.
- H. AN ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) MAY BE USED TO COMPLY WITH VACANCY SENSOR REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A VACANCY SENSOR IN ACCORDANCE WITH SECTION 110.9, MEETS THE INSTALLATION CERTIFICATE REQUIREMENTS IN SECTION 130.4, THE EMCS REQUIREMENTS IN SECTION 130.5(F) AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K)2.
- I. A MULTISCENE PROGRAMMABLE CONTROLLER MAY BE USED TO COMPLY WITH DIMMER REQUIREMENTS IN SECTION 150.0(K) IF AT A MINIMUM IT PROVIDES THE FUNCTIONALITY OF A DIMMER IN ACCORDANCE WITH SECTION 110.9, AND COMPLIES WITH ALL OTHER APPLICABLE REQUIREMENTS IN SECTION 150.0(K)2.
- J. IN BATHROOMS, GARAGES, LAUNDRY ROOMS, AND UTILITY ROOMS, AT LEAST ONE LUMINAIRE IN EACH OF THESE SPACES SHALL BE CONTROLLED BY A VACANCY SENSOR.
- K. DIMMERS OR VACANCY SENSORS SHALL CONTROL ALL LUMINAIRES REQUIRED TO HAVE LIGHT SOURCES COMPLIANT WITH REFERENCE JOINT APPENDIX JAB.

EXCEPTION 1 TO SECTION 150.0(K)2K: LUMINAIRES IN CLOSETS LESS THAN 70 SQUARE FEET.

EXCEPTION 2 TO SECTION 150.0(K)2K: LUMINAIRES IN HALLWAYS.

L. UNDERCABINET LIGHTING SHALL BE SWITCHED SEPARATELY FROM OTHER LIGHTING SYSTEMS.

**OUTDOOR LIGHTING REQUIREMENTS**

1. OUTDOOR LUMINAIRES ALL LIGHTING ATTACHED TO THE RESIDENCE OR TO OTHER BUILDINGS ON THE SAME LOT MUST BE HIGH EFFICACY. TABLE 150.0-A LISTS ALL QUALIFYING HIGH EFFICACY LIGHT SOURCES. NOTE THAT SOLID STATE LIGHTING (SSL) LUMINAIRES INSTALLED OUTDOORS ARE EXEMPTED FROM THE GENERAL RESIDENTIAL LIGHTING REQUIREMENT THAT ALL SSL LUMINAIRES FOR RESIDENTIAL LIGHTING MUST MEET THE REQUIREMENTS OF JOINT APPENDIX JAB.
  2. SINGLE-FAMILY OUTDOOR LIGHTING ALL LIGHTING ATTACHED TO THE RESIDENCE OR TO OTHER BUILDINGS ON THE SAME LOT MUST BE HIGH EFFICACY, AND MUST BE CONTROLLED BY A MANUAL ON AND OFF SWITCH AND ONE OF THE FOLLOWING AUTOMATIC CONTROL TYPES:
    - A. PHOTOCONTROL AND MOTION SENSOR.
    - B. PHOTOCONTROL AND AUTOMATIC TIME SWITCH CONTROL.
    - C. ASTRONOMICAL TIME CLOCK CONTROL THAT AUTOMATICALLY TURNS THE OUTDOOR LIGHTING OFF DURING DAYLIGHT HOURS.
    3. EMCS THAT PROVIDES THE FUNCTIONALITY OF AN ASTRONOMICAL TIME CLOCK, DOES NOT HAVE AN OVERRIDE OR BYPASS SWITCH THAT ALLOWS THE LUMINAIRE TO BE ALWAYS ON, AND IS PROGRAMMED TO AUTOMATICALLY TURN THE OUTDOOR LIGHTING OFF DURING DAYLIGHT HOURS.
- MANUAL ON AND OFF SWITCHES MUST NOT OVERRIDE THE AUTOMATIC CONTROL FUNCTIONS LISTED ABOVE, AND ANY CONTROL THAT OVERRIDES THE AUTOMATIC CONTROLS TO ON MUST AUTOMATICALLY REACTIVATE THOSE CONTROLS WITHIN SIX HOURS.

LIGHTING THAT IS NOT PERMANENTLY ATTACHED TO A BUILDING ON A SINGLE-FAMILY SITE, SUCH AS DECORATIVE LANDSCAPE LIGHTING, IS NOT REGULATED BY THE RESIDENTIAL LIGHTING REQUIREMENTS, HOWEVER, PROVIDING HIGH EFFICACY LIGHTING AND CONTROLS SUCH AS A TIME CLOCK OR PHOTOCONTROL WILL HELP SAVE ENERGY AND ENSURE THAT THE LIGHTING IS NOT ACCIDENTALLY LEFT ON DURING DAYLIGHT HOURS.

- NOTES:**
1. SMOKE ALARMS SHALL BE HARDWIRED WITH BATTERY BACKUP AND INTERCONNECTED SO THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OTHER ALARMS IN THE DWELLING UNIT. RETROFIT ALARMS MAY BE BATTERY OPERATED IN ROOMS WHERE CONSTRUCTION IS NOT PROPOSED.
  2. CARBON MONOXIDE ALARMS SHALL BE HARDWIRED WITH BATTERY BACKUP AND INTERCONNECTED SO THAT THE ACTIVATION OF ONE ALARM SHALL ACTIVATE ALL OTHER ALARMS IN THE DWELLING UNIT. RETROFIT ALARMS MAY BE BATTERY OPERATED IN ROOMS WHERE ALTERATIONS/REPAIRS DO NOT RESULT IN THE REMOVAL OF WALLS OR CEILING FINISHES.



**1 Reflected Ceiling Plan (2nd Floor)**  
SCALE: 1/4" = 1'-0"

Reflected Ceiling			
2D Symbol	Name	Description	Quantity
	Bathroom Exhaust Fan	Exhaust fan- a min. of 5 air exchanges per hour, and shall be exhausted to the exterior. 50 cfm, min. and humidistat control in bathrooms with tub, shower or tub/shower. the exhaust fan shall be certified and listed on the california energy commission appliance database. fan shall be on a separate switch than the light fixture.	3
	Can Light	6" dia. Led light fixture. Install in ceiling per manuf. Fixture to be ic rated for installation with insulation	7
	Carbon Monoxide Detector	CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL HAVE BATTERY BACKUP	2
	Light Switch	Light switch mounted 48" A.F.F. Adjust location at counters, islands, etc.	3
	Smoke Detector	SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING AND SHALL HAVE BATTERY BACKUP.	11
	Switch - Vacancy Sensor	Switch vacancy sensor control	3
	Switch-Dimmer	Light switch with dimming capabilities that meet current code. Typical height to be 48" to the bottom of the switch A.F.F. Adjust height as required for counters, island, etc.	2

41055 CHACO CANYON ROAD  
MURRIETA CA 92562

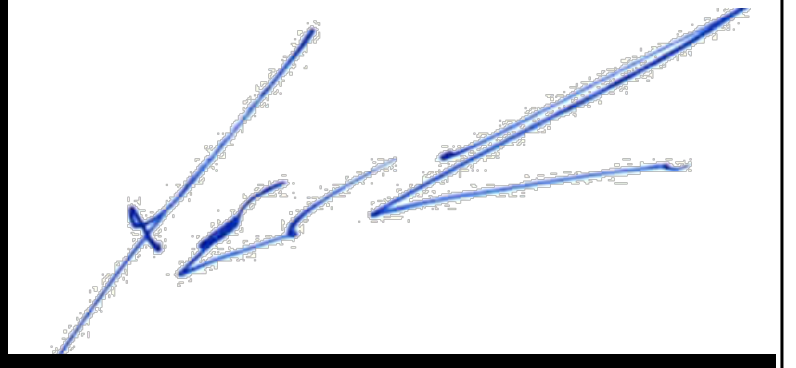
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PROJECT:

Legalize Unpermitted Work  
850 E. Columbia Ave  
Pomona, CA 91767

CLIENT:

Zhenyan Wang



Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#: -

SHEET TITLE

Exterior Elevations



**1** North Elevation  
SCALE: 1/4" = 1'-0"



**3** East Elevation  
SCALE: 1/4" = 1'-0"



**2** South Elevation  
SCALE: 1/4" = 1'-0"



**4** West Elevation  
SCALE: 1/4" = 1'-0"

DOOR SCHEDULE						
DOOR ID	D01	D02	D03	D05	D06	D07
2D Plan Preview						
Door Elevation						
TYPE	SWING	SWING	SWING	SWING	SWING	SWING
NOMINAL WIDTH	2'-6"	2'-8"	4'	2'	1'-11"	2'-6"
NOMINAL HEIGHT	6'-8"	6'-8"	6'-8"	6'-8"	6'-8"	6'-8"
Door	LEAF THICKNESS	1 3/8"	1 3/8"	1 1/4"	1 3/8"	1 3/8"
	LEAF MAT DOOR FRAME	Hollow Core/Wood	Hollow Core/Wood	Hollow Core/Wood	Hollow Core/Wood	Hollow Core/Wood
Fire Resistance Rating	Unrated	Unrated	Unrated	Unrated	Unrated	Unrated
Remarks						

- DOOR NOTES:
- DOORS SHALL BE JEN-WELD OR EQUAL
  - VERIFY DOOR TYPE, AND SWING WITH DRAWINGS
  - HEED MATERIAL MANUFACTURERS' HANDLING AND APPLICATION INSTRUCTIONS.
  - PROTECT SURFACES FROM DIRT, MOISTURE, AND DIRECT SUNLIGHT
  - STORE IN A DRY LOCATION AND PROTECT FROM THE OUTSIDE ELEMENTS.
  - DOORS WITH GLAZING SHALL BE TEMPERED
  - VERIFY ROUGH OPENING REQUIREMENTS WITH DOOR MANUFACTURER FOR ROUGH FRAMING.
  - PROTECT FROM EXPOSURE TO DIRECT SUNLIGHT DURING STORAGE.
  - VERIFY DOOR GLAZING WITH TITLE 24 REQUIREMENTS BEFORE INSTALLATION. SEE TITLE 24 SHEETS.

WINDOW SCHEDULE			
ID	W01	W02	
2D Plan Preview			
Window Elevation			
Window	Unit Size	2'-7"x4'	4'x5'
	Window Type	Single Hung	Single Hung
	Panels	Double	Double
	Frame Material	Vinyl	Vinyl
Energy	SHGC	.23	.23
	U-Factor	.30	.30
	Area	10.33	20.00
	Tempered	<input type="checkbox"/>	<input type="checkbox"/>
Fire Rating			
Remarks			

- WINDOW NOTES:
- WINDOWS SHALL BE MILGARD OR EQUAL
  - MAKE SURE OPERABLE WINDOWS ARE LOCKED PRIOR TO INSTALLATION.
  - HEED MATERIAL MANUFACTURERS' HANDLING AND APPLICATION INSTRUCTIONS.
  - PROTECT ADHESIVE SURFACES FROM DIRT, MOISTURE, DIRECT SUNLIGHT AND FOLDING OVER ONTO THEMSELVES.
  - HANDLE IN VERTICAL POSITION; DO NOT CARRY FLAT OR DRAG ON FLOOR.
  - DO NOT PUT STRESS ON JOINTS, CORNERS OR FRAMES.
  - STORE WINDOW IN DRY, WELL-VENTILATED AREA IN VERTICAL, LEANING POSITION TO ALLOW AIR CIRCULATION; DO NOT STACK HORIZONTALLY.
  - PROTECT FROM EXPOSURE TO DIRECT SUNLIGHT DURING STORAGE.
  - INSTALL ONLY INTO VERTICAL WALLS AND WHEN CONDITIONS AND SHEATHING ARE DRY.
  - VERIFY WINDOWS MEET TITLE 24 REQUIREMENTS BEFORE INSTALLATION. SEE TITLE 24 SHEETS.

1. EACH PANE SHALL BEAR THE MANUFACTURER'S MARK DESIGNATING THE TYPE AND THICKNESS OF THE GLASS OR GLAZING MATERIAL. THE IDENTIFICATION SHALL NOT BE OMITTED UNLESS APPROVED AND AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS THAT COMPLY WITH THE PROVISIONS OF THIS CHAPTER. SAFETY GLAZING SHALL BE IDENTIFIED IN ACCORDANCE WITH SECTION 2406.3.

EACH PANE OF TEMPERED GLASS, EXCEPT TEMPERED SPANDREL GLASS, SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION MARK SHALL BE ACID ETCHED, SAND BLASTED, CERAMIC FIRED, LASER ETCHED, EMBOSSED OR OF A TYPE THAT, ONCE APPLIED, CANNOT BE REMOVED WITHOUT BEING DESTROYED.

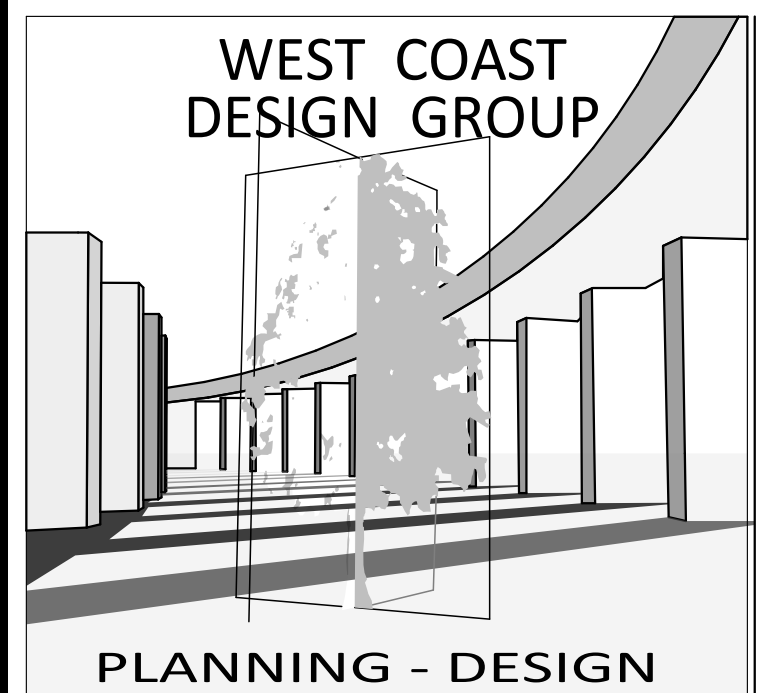
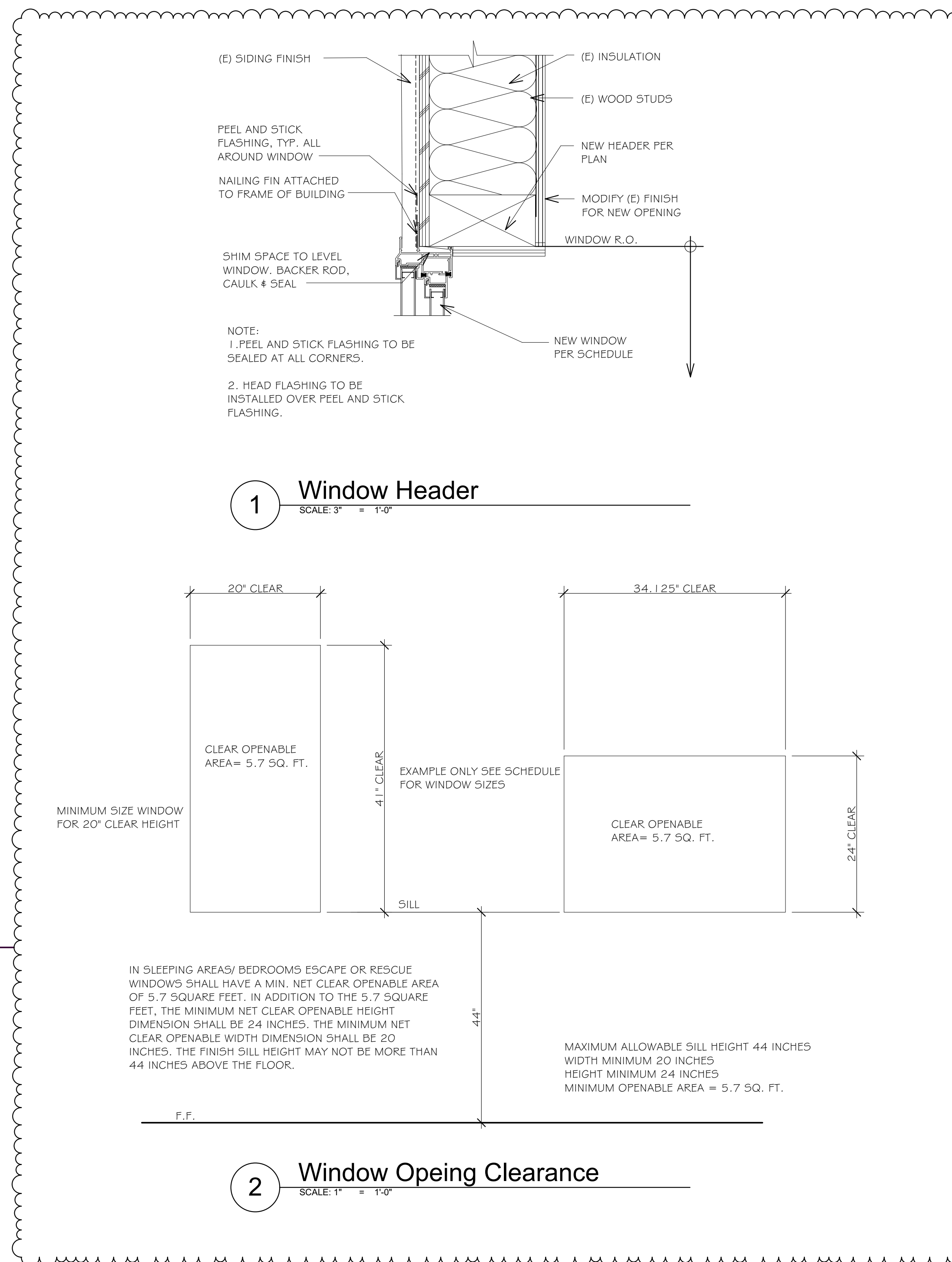
TEMPERED SPANDREL GLASS SHALL BE PROVIDED WITH A REMOVABLE PAPER MARKING BY THE MANUFACTURER.

2. TEMPERED GLASS IS REQUIRED FOR:
- ANY WINDOW LESS THAN 18 INCHES IN HEIGHT FROM A WALKING SURFACE.
  - ANY WINDOW LESS THAN 24 INCHES OF ANY DOOR.
  - ANY WINDOW OVER A BATHTUB OR SHOWER LESS THAN 5 FEET FROM THE FLOOR OF THE SHOWER OR BATHTUB.
  - ANY WINDOW WITHIN 40" OF A LOCKING DEVICE.

- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR IN A CLOSED POSITION AND THE BOTTOM EDGE IS LESS THAN 60" ABOVE THE WALKING SURFACE.

2. TEMPERED GLASS IS REQUIRED FOR:
- ANY WINDOW LESS THAN 18 INCHES IN HEIGHT FROM A WALKING SURFACE.
  - ANY WINDOW LESS THAN 24 INCHES OF ANY DOOR.
  - ANY WINDOW OVER A BATHTUB OR SHOWER LESS THAN 5 FEET FROM THE FLOOR OF THE SHOWER OR BATHTUB.
  - ANY WINDOW WITHIN 40" OF A LOCKING DEVICE.

- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24" ARC OF THE DOOR IN A CLOSED POSITION AND THE BOTTOM EDGE IS LESS THAN 60" ABOVE THE WALKING SURFACE.



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PROJECT:  
**Legalize Unpermitted Work**  
850 E. Columbia Ave  
Pomona, CA 91767

CLIENT:  
**Zhenyan Wang**

Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1
		B&S #1

PROJECT NO: 14-24  
STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#:

SHEET TITLE  
**Door & Window Schedule**



### 2022 Single-Family Residential Mandatory Requirements Summary

NOTE: Single-family residential buildings subject to the Energy Codes must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information. (04/2022)

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Building Envelope, Roof Deck, Insulation, Radiant Barrier, and various energy efficiency measures.

5/6/22



### 2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Energy Storage System (ESS), Heat Pump Space Heater, Electric Cooktop, and Electric Clothes Dryer.

5/6/22



### 2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Pilot Lights, Building Cooling and Heating Loads, Clearances, and various duct and system requirements.

5/6/22

\*Exceptions may apply.



### 2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Energy Storage System (ESS), Heat Pump Space Heater, Electric Cooktop, and Electric Clothes Dryer.

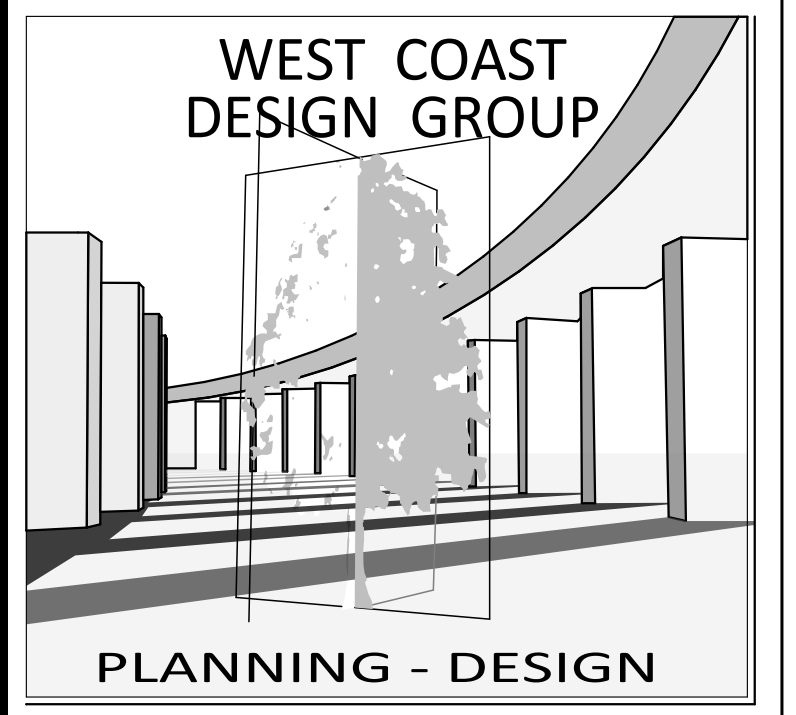
5/6/22



### 2022 Single-Family Residential Mandatory Requirements Summary

Table with 2 columns: Code Reference and Requirement Description. Includes sections for Space Conditioning System Airflow Rate and Fan Efficacy, Ventilation and Indoor Air Quality, and Pool and Spa Systems and Equipment.

5/6/22



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PROJECT: Legalize Unpermitted Work 850 E. Columbia Ave Pomona, CA 91767

CLIENT: Zhenyan Wang

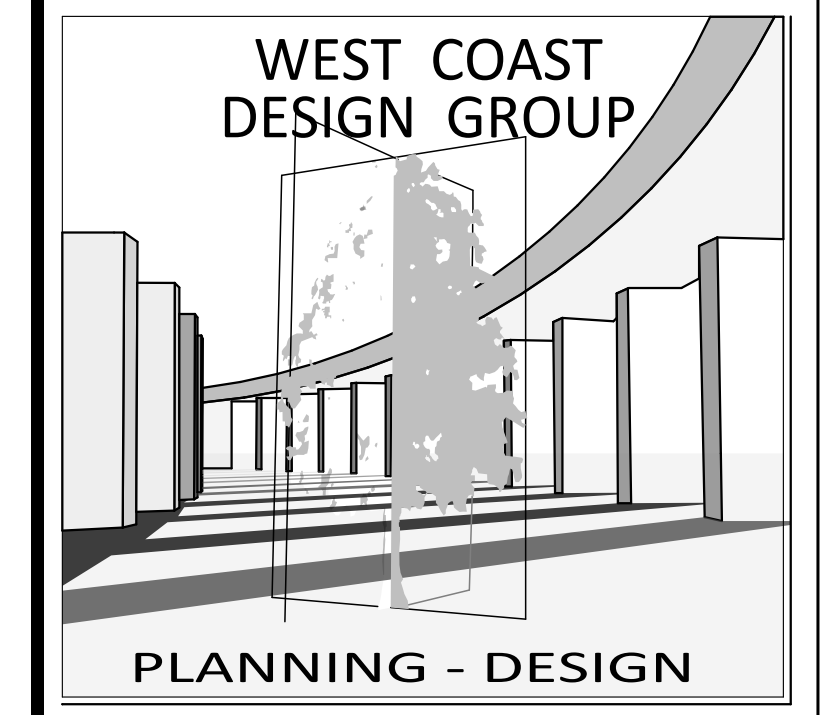
Table with 3 columns: Mark, Transmittal Set Date, and Description. Shows revision 01 dated 5/17/2024.

PROJECT NO: 14-24 STATUS: Submittal DRAWN BY: CHK'D BY: PLOT DATE: 5/21/2024 PLAN CHECK#: -

SHEET TITLE: Mandatory Measures

# RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

Y NA RESPON PARTY YES NOT APPLICABLE RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)



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PROJECT:

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850 E. Columbia Ave  
Pomona, CA 91767

CLIENT:

Zhenyan Wang

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Mark	Transmittal Set Date	Description
01	5/17/2024	

PROJECT NO: 14-24  
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CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#: -

SHEET TITLE

California Green Building

A-8

SHEET 19

**CHAPTER 3 GREEN BUILDING**  
**SECTION 301 GENERAL**

**301.1 SCOPE.** Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.

**301.1.1 Additions and alterations.** [HCD] The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings where the addition or alteration increases the building's conditioned area, volume, or size. The requirements shall apply only to and/or within the specific area of the addition or alteration.

The mandatory provision of Section 4.106.4.2 may apply to additions or alterations of existing parking facilities or the addition of new parking facilities serving existing multifamily buildings. See Section 4.106.4.3 for application.

**Note:** Repairs including, but not limited to, resurfacing, restriping and repairing or maintaining existing lighting fixtures are not considered alterations for the purpose of this section.

**Note:** On and after January 1, 2014, residential buildings undergoing permitted alterations, additions, or improvements shall replace noncompliant plumbing fixtures with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.

**301.2 LOW-RISE AND HIGH-RISE RESIDENTIAL BUILDINGS.** [HCD] The provisions of individual sections of CALGreen may apply to either low-rise residential buildings high-rise residential buildings, or both. Individual sections will be designated by banners to indicate where the section applies specifically to low-rise only (LR) or high-rise only (HR). When the section applies to both low-rise and high-rise buildings, no banner will be used.

**SECTION 302 MIXED OCCUPANCY BUILDINGS**

**302.1 MIXED OCCUPANCY BUILDINGS.** In mixed occupancy buildings, each portion of a building shall comply with the specific green building measures applicable to each specific occupancy.

Exceptions:

- [HCD] Accessory structures and accessory occupancies serving residential buildings shall comply with Chapter 4 and Appendix A4, as applicable.
- [HCD] For purposes of CALGreen, livework units, complying with Section 419 of the California Building Code, shall not be considered mixed occupancies. Live/Work units shall comply with Chapter 4 and Appendix A4, as applicable.

**DIVISION 4.1 PLANNING AND DESIGN**

**ABBREVIATION DEFINITIONS:**  
HCD Department of Housing and Community Development  
BSC California Building Standards Commission  
DSA-SS Division of the State Architect, Structural Safety  
OSHPD Office of Statewide Health Planning and Development  
LR Low Rise  
HR High Rise  
AA Additions and Alterations  
N New

**CHAPTER 4 RESIDENTIAL MANDATORY MEASURES**

**SECTION 4.102 DEFINITIONS**  
**4.102.1 DEFINITIONS**  
The following terms are defined in Chapter 2 (and are included here for reference)

**FRENCH DRAIN.** A trench, hole or other depressed area loosely filled with rock, gravel, fragments of brick or similar pervious material used to collect or channel drainage or runoff water.

**WATTLES.** Wattles are used to reduce sediment in runoff. Wattles are often constructed of natural plant materials such as hay, straw or similar material shaped in the form of tubes and placed on a downflow slope. Wattles are also used for perimeter and inlet controls.

**4.106 SITE DEVELOPMENT**

**4.106.1 GENERAL.** Preservation and use of available natural resources shall be accomplished through evaluation and careful planning to minimize negative effects on the site and adjacent areas. Preservation of slopes, management of storm water drainage and erosion controls shall comply with this section.

**4.106.2 STORM WATER DRAINAGE AND RETENTION DURING CONSTRUCTION.** Projects which disturb less than one acre of soil and are not part of a larger common plan of development which in total disturbs one acre or more, shall manage storm water drainage during construction. In order to manage storm water drainage during construction, one or more of the following measures shall be implemented to prevent flooding of adjacent property, prevent erosion and retain soil runoff on the site.

- Retention basins of sufficient size shall be utilized to retain storm water on the site.
- Where storm water is conveyed to a public drainage system, collection point, gutter or similar disposal method, water shall be filtered by use of a barrier system, wattle or other method approved by the enforcing agency.
- Compliance with a lawfully enacted storm water management ordinance.

**Note:** Refer to the State Water Resources Control Board for projects which disturb one acre or more of soil, or are part of a larger common plan of development which in total disturbs one acre or more of soil.  
(Website: [https://www.waterboards.ca.gov/water\\_issues/programs/stormwater/construction.html](https://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.html))

**4.106.3 GRADING AND PAVING.** Construction plans shall indicate how the site grading or drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface water include, but are not limited to, the following:

- Swales
- Water collection and disposal systems
- French drains
- Water retention gardens
- Other water measures which keep surface water away from buildings and aid in groundwater recharge.

**Exception:** Additions and alterations not altering the drainage path.

**4.106.4 Electric vehicle (EV) charging for new construction.** New construction shall comply with Sections 4.106.4.1 or 4.106.4.2 to facilitate future installation and use of EV chargers. Electric vehicle supply equipment (EVSE) shall be installed in accordance with the California Electrical Code, Article 625.

**Exceptions:**

- On a case-by-case basis, where the local enforcing agency has determined EV charging and infrastructure are not feasible based upon one or more of the following conditions:
  - Where there is no local utility power supply or the local utility is unable to supply adequate power.
  - Where there is evidence suitable to the local enforcing agency substantiating that additional local utility infrastructure design requirements, directly related to the implementation of Section 4.106.4, may adversely impact the construction cost of the project.
- Accessory Dwelling Units (ADU) and Junior Accessory Dwelling Units (JADU) without additional parking facilities.

**4.106.4.1 New one- and two-family dwellings and townhouses with attached private garages.** For each dwelling unit, install a listed raceway to accommodate a dedicated 208/240-volt branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close proximity to the proposed location of an EV charger. Raceways are required to be continuous at enclosed, inaccessible or concealed areas and spaces. The service panel and/or subpanel shall provide capacity to install a 40-ampere 208/240-volt minimum dedicated branch circuit and space(s) reserved to permit installation of a branch circuit overcurrent protective device.

**Exception:** A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the proposed location of an EV charger at the time of original construction in accordance with the California Electrical Code.

**4.106.4.1.1 Identification.** The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging as "EV CAPABLE". The raceway termination location shall be permanently and visibly marked as "EV CAPABLE".

**4.106.4.2 New multifamily dwellings, hotels and motels and new residential parking facilities.** When parking is provided, parking spaces for new multifamily dwellings, hotels and motels shall meet the requirements of Sections 4.106.4.2.1 and 4.106.4.2.2. Calculations for spaces shall be rounded up to the nearest whole number. A parking space served by electric vehicle supply equipment or designed as a future EV charging space shall count as at least one standard automobile parking space only for the purpose of complying with any applicable minimum parking space requirements established by a local jurisdiction. See Vehicle Code Section 22511.2 for further details.

**4.106.4.2.1 Multifamily development projects with less than 20 dwelling units; and hotels and motels with less than 20 sleeping units or guest rooms.** The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to this section.

**1.EV Capable.** Ten (10) percent of the total number of parking spaces on a building site, provided for all types of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all EVs at all required EV spaces at a minimum of 40 amperes.

The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code.

Exceptions:

- When EV chargers (Level 2 EVSE) are installed in a number equal to or greater than the required number of EV capable spaces.
- When EV chargers (Level 2 EVSE) are installed in a number less than the required number of EV capable spaces, the number of EV capable spaces required may be reduced by a number equal to the number of EV chargers installed.

**Notes:**

- Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging.
- There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or EV chargers are installed for use.

**2.EV Ready.** Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per dwelling unit when more than one parking space is provided for use by a single dwelling unit.

**Exception:** Areas of parking facilities served by parking lifts.

**4.106.4.2.2 Multifamily development projects with 20 or more dwelling units, hotels and motels with 20 or more sleeping units or guest rooms.** The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to this section.

**1.EV Capable.** Ten (10) percent of the total number of parking spaces on a building site, provided for all types of parking facilities, shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE. Electrical load calculations shall demonstrate that the electrical panel service capacity and electrical system, including any on-site distribution transformer(s), have sufficient capacity to simultaneously charge all EVs at all required EV spaces at a minimum of 40 amperes.

The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code.

**Exception:** When EV chargers (Level 2 EVSE) are installed in a number greater than five (5) percent of parking spaces required by Section 4.106.4.2.2, Item 3, the number of EV capable spaces required may be reduced by a number equal to the number of EV chargers installed over the five (5) percent required.

**Notes:**

- Construction documents shall show locations of future EV spaces.
- There is no requirement for EV spaces to be constructed or available until receptacles for EV charging or EV chargers are installed for use.

**2.EV Ready.** Twenty-five (25) percent of the total number of parking spaces shall be equipped with low power Level 2 EV charging receptacles. For multifamily parking facilities, no more than one receptacle is required per dwelling unit when more than one parking space is provided for use by a single dwelling unit.

**Exception:** Areas of parking facilities served by parking lifts.

**3.EV Chargers.** Five (5) percent of the total number of parking spaces shall be equipped with Level 2 EVSE. Where common use parking is provided, at least one EV charger shall be located in the common use parking area and shall be available for use by all residents or guests.

When low power Level 2 EV charging receptacles or Level 2 EVSE are installed beyond the minimum required, an automatic load management system (ALMS) may be used to reduce the maximum required electrical capacity to each space served by the ALMS. The electrical system and any on-site distribution transformers shall have sufficient capacity to deliver at least 3.3 kW simultaneously to each EV charging station (EVCS) served by the ALMS. The branch circuit shall have a minimum capacity of 40 amperes, and installed EVSE shall have a capacity of not less than 30 amperes. ALMS shall not be used to reduce the minimum required electrical capacity to the required EV capable spaces.

**4.106.4.2.2.1 Electric vehicle charging stations (EVCS).**  
Electric vehicle charging stations required by Section 4.106.4.2.2, Item 3, shall comply with Section 4.106.4.2.2.1.

**Exception:** Electric vehicle charging stations serving public accommodations, public housing, motels and hotels shall not be required to comply with this section. See California Building Code, Chapter 11B, for applicable requirements.

**4.106.4.2.2.1.1 Location.**  
EVCS shall comply with at least one of the following options:

- The charging space shall be located adjacent to an accessible parking space meeting the requirements of the California Building Code, Chapter 11A, to allow use of the EV charger from the accessible parking space.
- The charging space shall be located on an accessible route, as defined in the California Building Code, Chapter 2, to the building.

**Exception:** Electric vehicle charging stations designed and constructed in compliance with the California Building Code, Chapter 11B, are not required to comply with Section 4.106.4.2.2.1.1 and Section 4.106.4.2.2.1.2, Item 3.

**4.106.4.2.2.1.2 Electric vehicle charging stations (EVCS) dimensions.**  
The charging spaces shall be designed to comply with the following:

- The minimum length of each EV space shall be 18 feet (5486 mm).
- The minimum width of each EV space shall be 9 feet (2743 mm).
- One in every 25 charging spaces, but not less than one, shall also have an 8-foot (2438 mm) wide minimum aisle. A 5-foot (1524 mm) wide minimum aisle shall be permitted provided the minimum width of the EV space is 12 feet (3658 mm).

a Surface slope for this EV space and the aisle shall not exceed 1 unit vertical in 48 units horizontal (2.083 percent slope) in any direction.

**4.106.4.2.2.1.3 Accessible EV spaces.**  
In addition to the requirements in Sections 4.106.4.2.2.1.1 and 4.106.4.2.2.1.2, all EVSE, when installed, shall comply with the accessibility provisions for EV chargers in the California Building Code, Chapter 11B. EV ready spaces and EVCS in multifamily developments shall comply with California Building Code, Chapter 11A, Section 1109A.

**4.106.4.2.3 EV space requirements.**

- Single EV space required. Install a listed raceway capable of accommodating a 208/240-volt dedicated branch circuit. The raceway shall not be less than trade size 1 (nominal 1-inch inside diameter). The raceway shall originate at the main service or subpanel and shall terminate into a listed cabinet, box or enclosure in close proximity to the location or the proposed location of the EV space. Construction documents shall identify the raceway termination point, receptacle or charger location, as applicable. The service panel and/or subpanel shall have a 40-ampere minimum dedicated branch circuit, including branch circuit overcurrent protective device installed, or space(s) reserved to permit installation of a branch circuit overcurrent protective device.

**Exception:** A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the location or the proposed location of the EV space, at the time of original construction in accordance with the California Electrical Code.

- Multiple EV spaces required. Construction documents shall indicate the raceway termination point and the location of installed or future EV spaces, receptacles or EV chargers. Construction documents shall also provide information on amperage of installed or future receptacles or EVSE, raceway method(s), wiring schematics and electrical load calculations. Plan design shall be based upon a 40-ampere minimum branch circuit. Required raceways and related components that are planned to be installed underground, enclosed, inaccessible or in concealed areas and spaces shall be installed at the time of original construction.

**EXCEPTION:** A raceway is not required if a minimum 40-ampere 208/240-volt dedicated EV branch circuit is installed in close proximity to the location or the proposed location of the EV space at the time of original construction in accordance with the California Electrical Code.

**4.106.4.2.4 Identification.**  
The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE" in accordance with the California Electrical Code.

**4.106.4.2.5 Electric Vehicle Ready Space Signage.**  
Electric vehicle ready spaces shall be identified by signage or pavement markings, in compliance with Caltrans Traffic Operations Policy Directive 13-01 (Zero Emission Vehicle Signs and Pavement Markings) or its successor(s).

**4.106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing multifamily buildings.**  
When new parking facilities are added, or electrical systems or lighting of existing parking facilities are added or altered and the work requires a building permit, ten (10) percent of the total number of parking spaces added or altered shall be electric vehicle charging spaces (EV spaces) capable of supporting future Level 2 EVSE.

**Notes:**

- Construction documents are intended to demonstrate the project's capability and capacity for facilitating future EV charging.
- There is no requirement for EV spaces to be constructed or available until EV chargers are installed for use.

**DIVISION 4.2 ENERGY EFFICIENCY**

**4.201 GENERAL**  
**4.201.1 SCOPE.** For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory standards.

**DIVISION 4.3 WATER EFFICIENCY AND CONSERVATION**

**4.303 INDOOR WATER USE**

**4.303.1 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.** Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the sections 4.303.1.1, 4.303.1.2, 4.303.1.3, and 4.303.1.4.

**Note:** All noncompliant plumbing fixtures in any residential real property shall be replaced with water-conserving plumbing fixtures. Plumbing fixture replacement is required prior to issuance of a certificate of final completion, certificate of occupancy, or final permit approval by the local building department. See Civil Code Section 1101.1, et seq., for the definition of a noncompliant plumbing fixture, types of residential buildings affected and other important enactment dates.

**4.303.1.1 Water Closets.** The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-type Toilets.

**Note:** The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.

**4.303.1.2 Urinals.** The effective flush volume of wall mounted urinals shall not exceed 0.125 gallons per flush. The effective flush volume of all other urinals shall not exceed 0.5 gallons per flush.

**4.303.1.3 Showerheads.**

**4.303.1.3.1 Single Showerhead.** Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

**4.303.1.3.2 Multiple showerheads serving one shower.** When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shutoff controls by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to only allow one shower outlet to be in operation at a time.

**Note:** A hand-held shower shall be considered a showerhead.

**4.303.1.4 Faucets.**

**4.303.1.4.1 Residential Lavatory Faucets.** The maximum flow rate of residential lavatory faucets shall not exceed 1.2 gallons per minute at 80 psi. The minimum flow rate of residential lavatory faucets shall not be less than 0.2 gallons per minute at 20 psi.

**4.303.1.4.2 Lavatory Faucets in Common and Public Use Areas.** The maximum flow rate of lavatory faucets installed in common and public use areas (outside of dwellings or sleeping units) in residential buildings shall not exceed 0.5 gallons per minute at 60 psi.

**4.303.1.4.3 Metering Faucets.** Metering faucets when installed in residential buildings shall not deliver more than 0.2 gallons per cycle.

**4.303.1.4.4 Kitchen Faucets.** The maximum flow rate of kitchen faucets shall not exceed 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.

**Note:** Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.

**4.303.1.4.5 Pre-rinse spray valves.**  
When installed, shall meet the requirements in the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Sections 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7) and shall be equipped with an integral automatic shutoff.

**FOR REFERENCE ONLY:** The following table and code section have been reprinted from the California Code of Regulations, Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).

PRODUCT CLASS [Spray force in ounces force (ozf)]	MAXIMUM FLOW RATE (gpm)
Product Class 1 ( $\leq$ 5.0 ozf)	1.00
Product Class 2 ( $>$ 5.0 ozf and $\leq$ 8.0 ozf)	1.20
Product Class 3 ( $>$ 8.0 ozf)	1.28

Title 20 Section 1605.3 (h)(4)(A): Commercial pre-rinse spray valves manufactured on or after January 1, 2006, shall have a minimum spray force of not less than 4.0 ounces-force (ozf) [113 grams-force (gf)]

**4.303.2 Submeters for multifamily buildings and dwelling units in mixed-used residential-commercial buildings.**  
Submeters shall be installed to measure water usage of individual rental dwelling units in accordance with the California Plumbing Code.

**4.303.3 Standards for plumbing fixtures and fittings.** Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1701.1 of the California Plumbing Code.

**NOTE:** THIS TABLE COMPILES THE DATA IN SECTION 4.303.1, AND IS INCLUDED AS A CONVENIENCE FOR THE USER.

FIXTURE TYPE	FLOW RATE
SHOWER HEADS (RESIDENTIAL)	1.8 GPM @ 80 PSI
LAVATORY FAUCETS (RESIDENTIAL)	MAX. 1.2 GPM @ 60 PSI MIN. 0.8 GPM @ 20 PSI
LAVATORY FAUCETS IN COMMON & PUBLIC USE AREAS	0.5 GPM @ 60 PSI
KITCHEN FAUCETS	1.8 GPM @ 60 PSI
METERING FAUCETS	0.2 GAL/CYCLE
WATER CLOSET	1.28 GAL/FLUSH
URINALS	0.125 GAL/FLUSH

**4.304 OUTDOOR WATER USE**

**4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS.** Residential developments shall comply with a local water efficiency landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

**NOTES:**

- The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code Regulations, Title 23, Chapter 2.7, Division 2. MWELO and supporting documents, including water budget calculator, are available at: <https://www.water.ca.gov/>

**DIVISION 4.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY**

**4.406 ENHANCED DURABILITY AND REDUCED MAINTENANCE**

**4.406.1 RODENT PROOFING.** Annual spaces around pipes, electric cables, conduits or other openings in solid masonry or concrete walls shall be protected against the passage of rodents by closing such openings with cement mortar, concrete masonry or a similar method acceptable to the enforcing agency.

**4.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING**

**4.408.1 CONSTRUCTION WASTE MANAGEMENT.** Recycle and/or salvage for reuse a minimum of 65 percent of the non-hazardous construction and demolition waste in accordance with either Section 4.408.2, 4.408.3 or 4.408.4, or meet a more stringent local construction and demolition waste management ordinance.

**Exceptions:**

- Excavated soil and land-clearing debris.
- Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist or are not located reasonably close to the jobsite.
- The enforcing agency may make exceptions to the requirements of this section when isolated jobsites are located in areas beyond the haul boundaries of the diversion facility.

**4.408.2 CONSTRUCTION WASTE MANAGEMENT PLAN.** Submit a construction waste management plan in conformance with Items 1 through 5. The construction waste management plan shall be updated as necessary and shall be available during construction for examination by the enforcing agency.

- Identify the construction and demolition waste materials to be diverted from disposal by recycling, reuse on the project or salvage for future use or sale in landfills, which are not exceed 3.4
- Specify if construction and demolition waste materials will be sorted on-site (source separated) or bulk mixed (single stream).
- Identify diversion facilities where the construction and demolition waste material collected will be taken.
- Identify construction methods employed to reduce the amount of construction and demolition waste generated.
- Specify that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

**4.408.3 WASTE MANAGEMENT COMPANY.** Utilize a waste management company, approved by the enforcing agency, which can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with Section 4.408.1.

**Note:** The owner or contractor may make the determination if the construction and demolition waste materials will be diverted by a waste management company.

**4.408.4 WASTE STREAM REDUCTION ALTERNATIVE [LR].** Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which are not exceed 3.4 lbs./sq. ft. of the building area shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1.

**4.408.4.1 WASTE STREAM REDUCTION ALTERNATIVE.** Projects that generate a total combined weight of construction and demolition waste disposed of in landfills, which do not exceed 2 pounds per square foot of the building area, shall meet the minimum 65% construction waste reduction requirement in Section 4.408.1.

**4.408.5 DOCUMENTATION.** Documentation shall be provided to the enforcing agency which demonstrates compliance with Section 4.408.2, Items 1 through 5, Section 4.408.3 or Section 4.408.4.

**Notes:**

- Sample forms found in "A Guide to the California Green Building Standards Code (Residential)" located at [www.hcd.ca.gov/CALGreen.html](http://www.hcd.ca.gov/CALGreen.html) may be used to assist in documenting compliance with this section.
- Mixed construction and demolition debris (C & D) processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).

**4.410 BUILDING MAINTENANCE AND OPERATION**

**4.410.1 OPERATION AND MAINTENANCE MANUAL.** At the time of final inspection, a manual, compact disc, web-based reference or other media acceptable to the enforcing agency which includes all of the following shall be placed in the building:

- Directions to the owner or occupant that the manual shall remain with the building throughout the life cycle of the structure.
- Operation and maintenance instructions for the following:
  - Equipment and appliances, including water-saving devices and systems, HVAC systems, photovoltaic systems, electric vehicle chargers, water-heating systems and other major appliances and equipment.
  - Roof and yard drainage, including gutters and downspouts.
  - Space conditioning systems, including condensers and air filters.
  - Landscape irrigation systems.
  - Water reuse systems.
- Instructions from local utility, water and waste recovery providers on methods to further reduce resource consumption, including recycle programs and locations.
- Public transportation and/or carpool options available in the area.
- Educational material on the positive impacts of an interior relative humidity between 30-60 percent and what methods an occupant may use to maintain the relative humidity level in that range.
- Information about water-conserving landscape and irrigation design and controllers which conserve water.
- Instructions for maintaining gutters and downspouts and the importance of diverting water at least 5 feet away from the foundation.
- Information on required routine maintenance measures, including, but not limited to, caulking, painting, grading around the building, etc.
- Information about state solar energy and incentive programs available.
- A copy of all special inspections verifications required by the enforcing agency or this code.
- Information from the Department of Forestry and Fire Protection on maintenance of defensible space around residential structures.
- Information and/or drawings identifying the location of grab bar reinforcements.

**4.410.2 RECYCLING BY OCCUPANTS.** Where 5 or more multifamily dwelling units are constructed on a building site, provide readily accessible area(s) that serves all buildings on the site and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals, or meet a lawfully enacted local recycling ordinance, if more restrictive.

**Exception:** Rural jurisdictions that meet and apply for the exemption in Public Resources Code Section 42549.92 (a)(2)(A) et seq. are not required to comply with the organic waste portion of this section.

**DIVISION 4.5 ENVIRONMENTAL QUALITY**

**SECTION 4.501 GENERAL**

**4.501.1 Scope**  
The provisions of this chapter shall outline means of reducing the quality of air contaminants that are odorous, irritating and/or harmful to the comfort and well being of a building's installers, occupants and neighbors.

**SECTION 4.502 DEFINITIONS**  
**5.102.1 DEFINITIONS**  
The following terms are defined in Chapter 2 (and are included here for reference)

**AGRIFIBER PRODUCTS.** Agrifiber products include wheatboard, strawboard, panel substrates and door cores, not including furniture, fixtures and equipment (FF&E) not considered base building elements.

**COMPOSITE WOOD PRODUCTS.** Composite wood products include hardwood plywood, particleboard and medium density fiberboard. "Composite wood products" does not include hardboard, structural plywood, structural panels, structural composite lumber, glulam timber, glued laminated timber, prefabricated wood I-joints or finger-jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1.

**DIRECT-VENT APPLIANCE.** A fuel-burning appliance with a sealed combustion system that draws all air for combustion from the outside atmosphere and discharges all flue gases to the outside atmosphere.





PREScriptive ADDITIONS 1000 FT2 OR LESS

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CERTIFICATE OF COMPLIANCE

Project Name: Pomona Columbia, Enforcement Agency: City of Pomona, Dwelling Address: 850 East Columbia Avenue, Permit Number: , City and Zip Code: Pomona, 91767, Permit Application Date:

A. General Information table with 13 rows and 4 columns: 01 Project Name, 02 Date Prepared, 03 Project Location, 04 Building Front Orientation (deg), 05 CA City, 06 Number of Dwelling Units with Additions, 07 Zip Code, 08 Fuel Type, 09 Climate Zone, 10 Total Conditioned Floor Area (ft²) (Addition), 11 Building Type, 12 Slab Area (ft²), 13 Project Scope, 14 Fenestration Exceptions.

B. Building Insulation Details - Framed Walls/ Framed Floors (Section 150.2(a)) table with 11 columns: 01 Tag/ID, 02 Assembly Type, 03 Frame Type, 04 Frame Depth (inches), 05 Frame Spacing (inches), 06 Cavity R-value, 07 Continuous Insulation R-value, 08 U-Factor, 09 Appendix J44 Reference, 10 U-Factor from Table 150.1-A, 11 Comments.

Registration Number: 224-D010036138A-000-000-0000000-0000, Registration Date/Time: 2024-03-22 12:36:58, HERS Provider: CalCERTS, CA Building Energy Efficiency Standards - 2022 Residential Compliance, Report Version: 2022.0.000, Schema Version: rev 20220101, Report Generated: 2024-03-22 12:37:00



PREScriptive ADDITIONS 1000 FT2 OR LESS

CF1R-ADD-01-E

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B. Building Insulation Details - Framed Walls/ Framed Floors (Section 150.2(a)) table with 11 columns: 01 Tag/ID, 02 Assembly Type, 03 Frame Type, 04 Frame Depth (inches), 05 Frame Spacing (inches), 06 Cavity R-value, 07 Continuous Insulation R-value, 08 U-Factor, 09 Appendix J44 Reference, 10 U-Factor from Table 150.1-A, 11 Comments.

Note: Where insulation is installed above the roofing membrane, or above the layer used to seal the roof from water penetration, the insulation shall have a maximum water absorption of 0.3 percent by volume when tested according to American Society for Testing and Materials (ASTM) Standard C272. Extensions of existing wood-framed walls may retain the dimensions of the existing walls and shall install cavity insulation of R-15 in a 2x4 framing and R-21 in a 2x6 framing.

C. Building Insulation Details - Non-framed (Section 150.1(c)1) This section does not apply to this project.

D. Building Insulation Details - Mass Walls (Section 150.1(c)1Bii) This section does not apply to this project.

E. Slab On Grade/Concrete Raised Floor Insulation (Table 150.1-A) This section does not apply to this project.

F. Radiant Barrier (Section 150.1(c)1.2) table with 2 columns: 01 Radiant Barrier installed below the roof deck and on all gable end walls, 02 Comments: existing roof.

Registration Number: 224-D010036138A-000-000-0000000-0000, Registration Date/Time: 2024-03-22 12:36:58, HERS Provider: CalCERTS, CA Building Energy Efficiency Standards - 2022 Residential Compliance, Report Version: 2022.0.000, Schema Version: rev 20220101, Report Generated: 2024-03-22 12:37:00



PREScriptive ADDITIONS 1000 FT2 OR LESS

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F. Radiant Barrier (Section 150.1(c)1.2) table with 2 columns: 01 Radiant Barrier installed below the roof deck and on all gable end walls, 02 Comments.

A radiant barrier is required (for Climate Zones 2-15). Radiant barriers shall meet specific eligibility and installation criteria to receive energy credit for compliance with the Building Energy Efficiency Standards for low-rise residential buildings. Refer to Reference Appendices: Residential Appendix RAA-2.1. The emittance of the radiant barrier shall be less than or equal to 0.05 as tested in accordance with American Society for Testing and Materials (ASTM) C1371 or ASTM E408. For Prescriptive Compliance the attic shall be ventilated to provide a minimum free ventilation area of not less than 1 square foot (ft²) of vent area for each 300 square feet ft² of attic floor area with a minimum of 40 percent to no more than 50 percent upper vents. Ridge vents or gable end vents are recommended to achieve the best performance. The material should be cut to allow for full airflow to the venting.

G. Roofing Products (Cool Roof) (Section 150.1(c)1.1) table with 13 columns: 01 Tag/ID, 02 Exception, 03 Roof Pitch, 04 Method of Compliance, 05 Product Type, 06 CRRC Product ID Number, 07 Initial Solar Reflectance, 08 Aged Solar Reflectance, 09 Thermal Emittance, 10 SR (optional), 11 Aged Solar Reflectance, 12 Thermal Emittance, 13 SR (optional).

H. Fenestration/Glazing Allowed Areas and Efficiencies (Section 150.2(a)1) This section does not apply to this project.

I. Fenestration Proposed Areas and Efficiencies This section does not apply to this project.

J. Opaque Swinging Doors to Exterior (Section 150.1(c)5) This section does not apply to this project.

Registration Number: 224-D010036138A-000-000-0000000-0000, Registration Date/Time: 2024-03-22 12:36:58, HERS Provider: CalCERTS, CA Building Energy Efficiency Standards - 2022 Residential Compliance, Report Version: 2022.0.000, Schema Version: rev 20220101, Report Generated: 2024-03-22 12:37:00



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K. Space Conditioning (SC) Systems - Heating/ Cooling (Section 150.2(b) or (Section 150.1(c)7) This section does not apply to this project.

L. Water Heating Systems (Section 150.2(a)1D) This section does not apply to this project.

M. Indoor Air Quality (IAQ) Fan Information This section does not apply to this project.

Registration Number: 224-D010036138A-000-000-0000000-0000, Registration Date/Time: 2024-03-22 12:36:58, HERS Provider: CalCERTS, CA Building Energy Efficiency Standards - 2022 Residential Compliance, Report Version: 2022.0.000, Schema Version: rev 20220101, Report Generated: 2024-03-22 12:37:00



PREScriptive ADDITIONS 1000 FT2 OR LESS

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

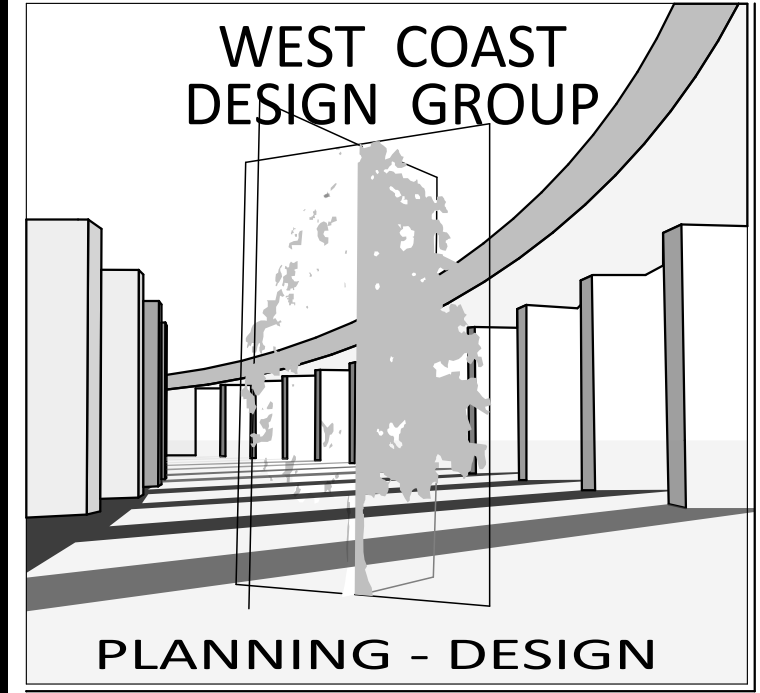
I, I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: Jerry Fabio, Documentation Author Signature: Jerry Fabio, Company: WCDGroup, Signature Date: 2024-03-22 12:36:58, Address: 41055 Chaco Canyon Road, City/State/Zip: Murrieta CA 92562, Phone: 951-543-6002.

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I understand that a registered copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to accomplish this requirement. 6. I understand that a registered copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to accomplish these requirements.

Responsible Designer Name: Jerry Fabio, Responsible Designer Signature: Jerry Fabio, Company: WCDGroup, Date Signed: 2024-03-22 12:36:58, Address: 41055 Chaco Canyon Road, License: N/A, City/State/Zip: Murrieta CA 92562, Phone: 951-543-6002.

Registration Number: 224-D010036138A-000-000-0000000-0000, Registration Date/Time: 2024-03-22 12:36:58, HERS Provider: CalCERTS, CA Building Energy Efficiency Standards - 2022 Residential Compliance, Report Version: 2022.0.000, Schema Version: rev 20220101, Report Generated: 2024-03-22 12:37:00



41055 CHACO CANYON ROAD MURRIETA CA 92562

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PROJECT:

Legalize Unpermitted Work, 850 E. Columbia Ave, Pomona, CA 91767

CLIENT:

Zhenyan Wang

Handwritten signature of Zhenyan Wang.

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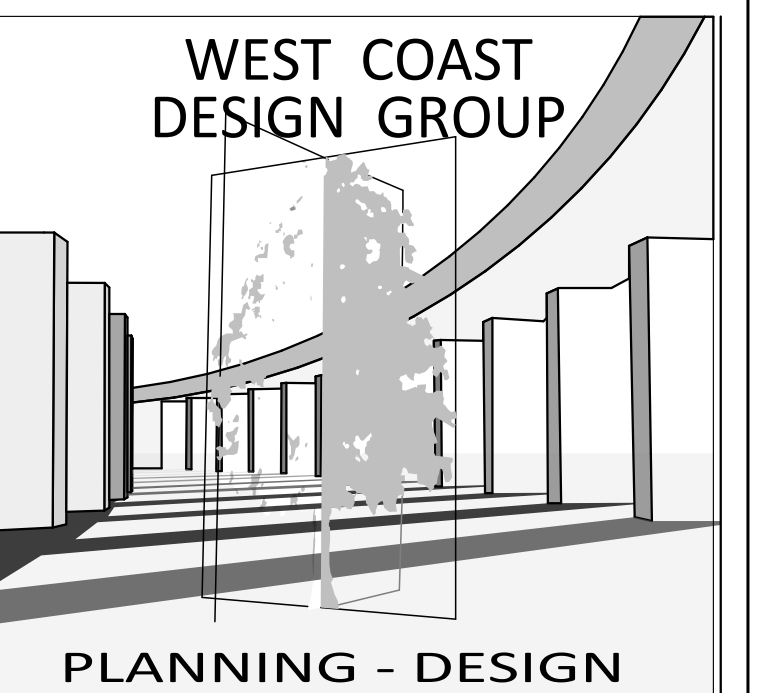
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SHEET TITLE

Title 24

A-10

SHEET 21



41055 CHACO CANYON ROAD  
MURRIETA CA 92562

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PROJECT:  
  
Legalize Unpermitted Work  
850 E. Columbia Ave  
Pomona, CA 91767

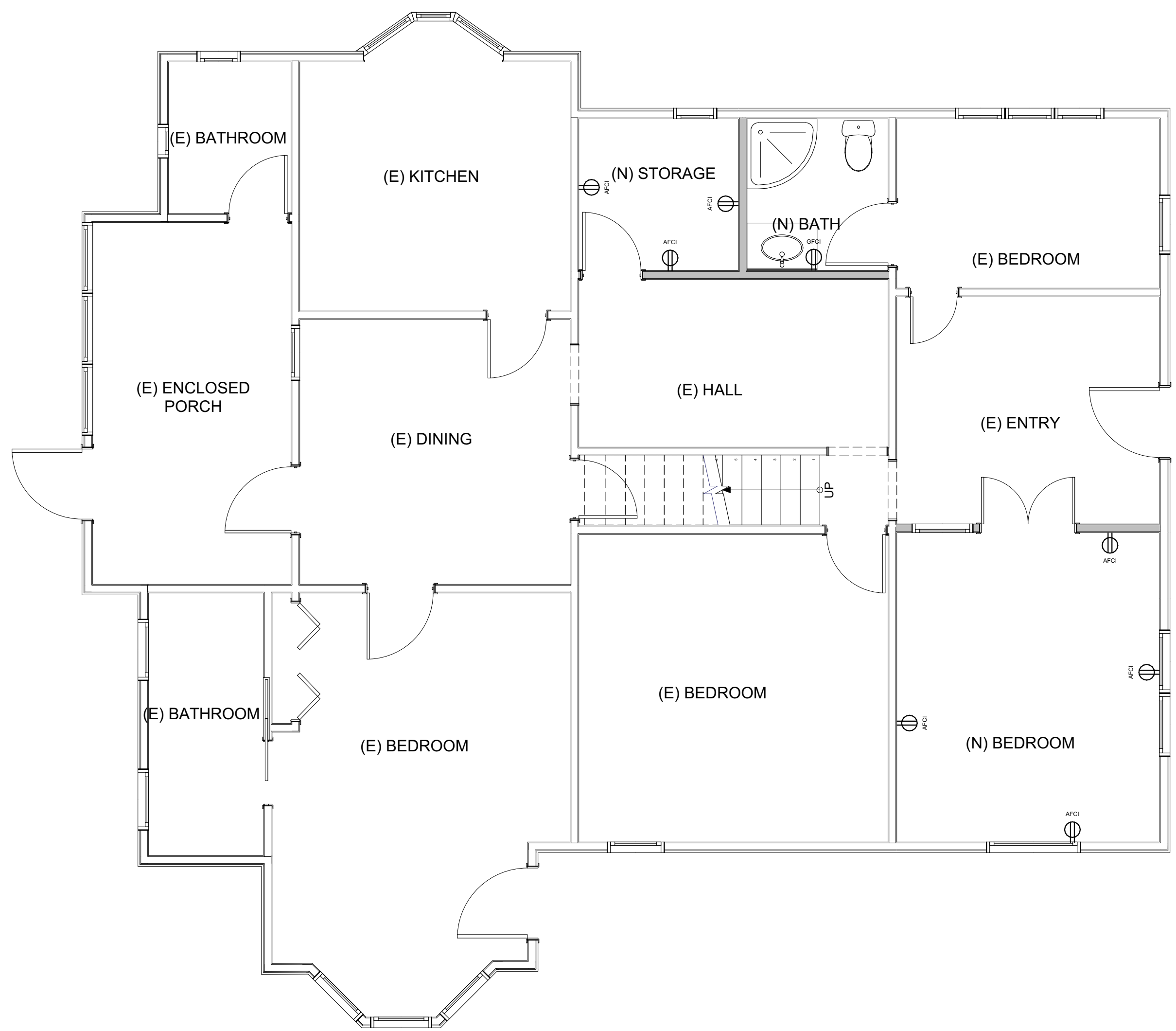
CLIENT:  
  
Zhenyan Wang

Mark	Transmittal Set Date	Description
01	5/17/2024	B&S #1

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STATUS: Submittal  
DRAWN BY:  
CHK'D BY:  
PLOT DATE: 5/21/2024  
PLAN CHECK#: -

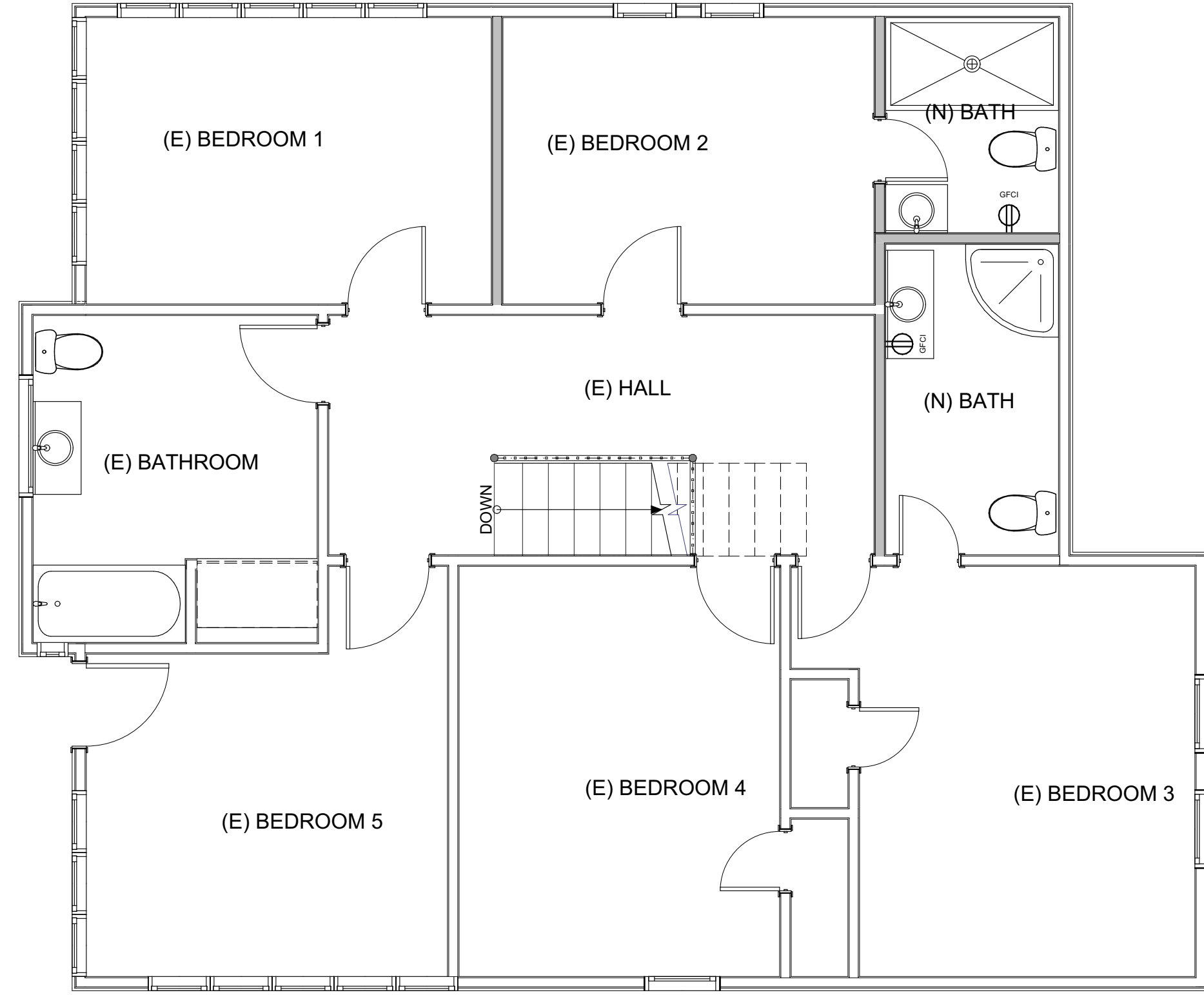
SHEET TITLE  
  
Power Plan

**E-1**  
SHEET 22



**1 Power Plan (1st Floor)**  
SCALE: 1/4" = 1'-0"

Power Legend			
Symbol	Name	Description	Quantity
	Ground Fault Circuit Interrupter	GFCI - 12" - 18" A.F.F. to center of outlet U.N.O. 6" above counter services, typ.	3
	Outlet - AFCI	Arc fault circuit interrupter - 12" - 18" A.F.F. to center of outlet U.N.O. 6" above counter services, typ.	7



**2 Power Plan (2nd Floor)**  
SCALE: 1/4" = 1'-0"

- ELECTRICAL NOTES:**
1. A CARBON MONOXIDE ALARM SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM.
  2. IN ALL AREAS SPECIFIED IN SECTION 210.52 OF THE CEC, ALL 125-VOLT, 15- AND 20- AMPERE CIRCUITS (INCLUDING LIGHTING) SHALL BE LISTED TAMPER-RESISTANT RECEPTACLE.
  3. ALL NEW 15 & 20 AMP 120V RECEPTACLES TO BE AFCI PROTECTED.
  4. ELECTRICAL BOXES IN GARAGE SEPARATION WALLS AND CEILING SHALL BE A METAL OR 1-HR. PLASTIC.
  5. ALL ELECTRICAL OUTLETS SHALL BE TAMPER RESISTANT PER SECTION 406.11 CEC.
  6. ALL CIRCUITS SUPPLYING OUTLETS IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER COMBINATION TYPE LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT. (LIGHTS, RECEPTACLES, FANS, SMOKE ALARMS, ETC.)
  7. LAUNDRY AREA OUTLETS SHALL BE FED BY A DEDICATED 20A CIRCUIT WITH NO OTHER OUTLETS.
  8. WHEN MULTIPLE NEW HARD-WIRED SMOKE DETECTORS ARE INSTALLED, THEY SHALL BE INTERCONNECTED (INTERLOCKED) SO THAT WHEN ONE IS ACTIVATED THEY WILL ALL BE ACTIVATED.
  9. IF MULTIPLE HARD-WIRED CARBON MONOXIDE ALARMS ARE INSTALLED, THEY SHALL BE INTERCONNECTED SO THAT WHEN ONE IS ACTIVATED THEY WILL ALL BE ACTIVATED.
  10. A MINIMUM OF (1) 20 AMP CIRCUIT FOR BATHROOM(S) OUTLET. SUCH CIRCUIT SHALL HAVE NO OTHER OUTLETS. THE CIRCUIT MAY SERVE MORE THAN ONE BATHROOM.
  11. PROVIDE A MIN. OF 2-20 AMP SMALL APPLIANCE CIRCUITS FOR THE KITCHEN COUNTER TOPS. SUCH CIRCUIT SHALL HAVE NO OTHER OUTLET. LOAD SHALL BE BALANCED. CEC 210-52(B)(2).
  12. ALL BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES (SUCH AS LIGHTS AND SWITCHES, SMOKE ALARMS) INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS AND AREAS SHALL BE PROVIDED WITH ARC-FAULT CIRCUIT INTERRUPTER (AFCI) PROTECTION. SEE CEC SECTION 210.12 (A) FOR PERMISSIBLE MEANS OF AFCI PROTECTION.
  13. BATHROOM RECEPTACLES SHALL BE SERVED BY A 20-AMP CIRCUIT. THE CIRCUIT SHALL HAVE NO OTHER OUTLETS. THE CIRCUIT MAY SERVE OTHER BATHROOM RECEPTACLES. NOTE IN THE PLAN.

01