

SETBACK CERTIFICATION REQUIREMENT:

A CALIFORNIA STATE LICENSED SURVEYOR IS REQUIRED TO CERTIFY THE LOCATION AND SETBACKS OF ALL NEW CONSTRUCTION PRIOR TO THE FIRST FOUNDATION INSPECTION. A COPY OF THE CERTIFICATION SHALL BE AVAILABLE TO THE BUILDING DIVISION INSPECTOR FOR THE JOB FILE PRIOR TO THE FIRST INSPECTION. (BMC 9-1-1-110.2.1.1).

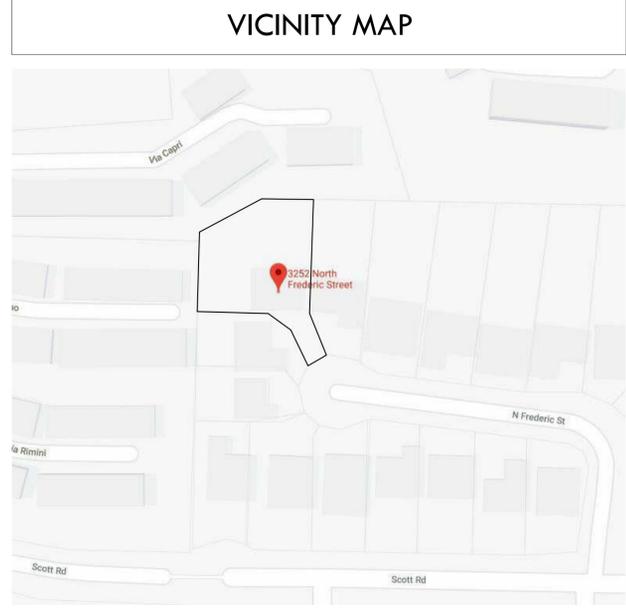
* THE SPRINKLER SYSTEM SHALL BE APPROVED BY PLUMBING DIVISION PRIOR TO INSTALLATION.

1 SITE PLAN
3/32" = 1'-0"

PROJECT INFORMATION	
ZONING DESIGNATION:	R-1
OCCUPANCY:	R-3
CONSTRUCTION TYPE:	TYPE-VB
FIRE SPRINKLERED:	NO
LOT SIZE:	16,910.3 SQ FT
EXISTING HOUSE:	1,987 SQ FT.
EXISTING GARAGE:	443 SQ FT.
(E) COVERED ENTRANCE:	49 SQ FT.
(E) OUTDOOR PATIO:	197 SQ FT.
12' ABOVE GRADE:	388 SQ FT.
NUMBER OF STORIES:	1
BUILDING HEIGHT:	17'-7"
HIGH FIRE AREA:	YES
HILLSIDE ZONE:	YES

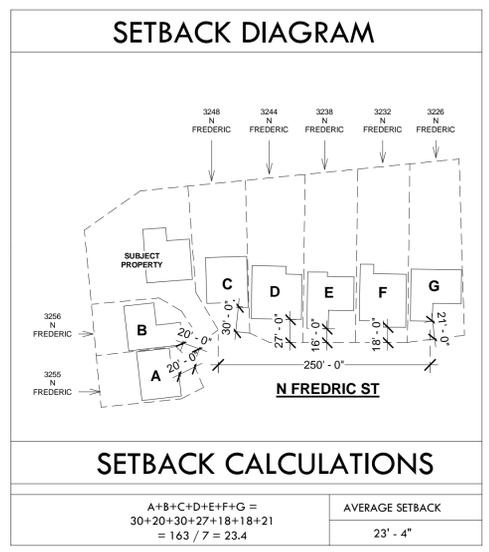
SHEET INDEX	
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APPLICABLE CODES:
 - 2019 CBC, CMC, CPC & CEC ENERGY STANDARDS
 - PER BMC 8-1-313. A BACKWATER VALVE MUST BE INSTALLED ON THE PRIVATE SEWER LATERAL.

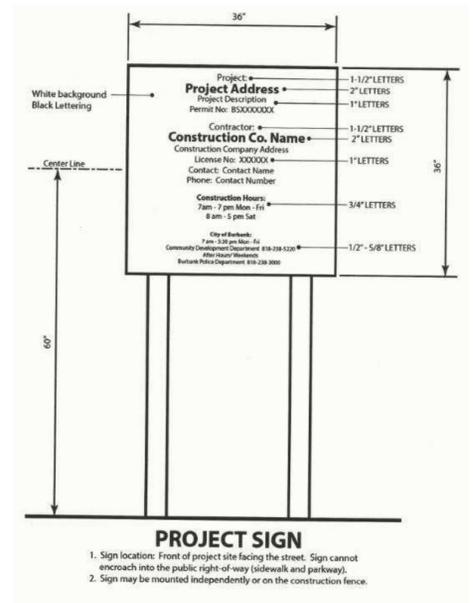


LEGAL DESCRIPTION	
ADDRESS:	3252 N FREDERIC ST BURBANK CA 91504
LOT:	11
TRACK NUMBER:	TR 31134
BLOCK NUMBER:	NONE
APN:	2471-045-011

SCOPE OF WORK	
- (N) 6' TALL FRONT GATE SET BACK 28'. - (N) RETAINING WALL FOR POOL EQUIPMENT, INVOLVING 50 CUBIC YARDS OF GRADING. - FRONT PORCH TO BE REMOVED 83 SF - LEGALIZE UNPERMITTED CONSTRUCTION, INCLUDING: - REMODELING OF INTERIOR SPACES AND INTERIOR/EXTERIOR DEMOLITION. - REPLACEMENT OF (E) COVERED PATIO WITH (N) COVERED PATIO. - RECONSTRUCT FRONT COVERED ENTRY (NO NEW FAR) - HILLSIDE GRADING	



FAR	
(HOUSE) 1,987 SF + (GARAGE) 443 SF + (PATIO) 197 SF = 2,627 SF 2,627 SF - 400 SF (PORTION OF GARAGE EXEMPT) = 2,227 SF 2,227 SF + 385 SF (PORTION OVER 12' FROM GRADE, SEE SECTION) = 2,612 SF TOTAL	
MAXIMUM FLOOR AREA ON 16,910 SF LOT = (7,500 X 0.4) + (7,500 X 0.3) + (1,910 X 0.2) = 3,000 + 2,250 + 382 = 5,632 SF MAX. FAR	



REVISE DATES:	

CONTRACTOR TO VERIFY ALL DIMENSIONS, CONDITIONS, ETC., PERTAINING TO THE WORK AT THE SITE BEFORE PROCEEDING WITH THE WORK.
 AS INSTRUMENT OF SERVICE, ALL DESIGN IDEAS AND INFORMATION SHOWN ON THESE DRAWINGS ARE AND SHALL REMAIN THE PROPERTY OF SEC DEVELOPMENT. NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF SEC DEVELOPMENT. VISUAL CONTACT WITH THESE DRAWINGS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

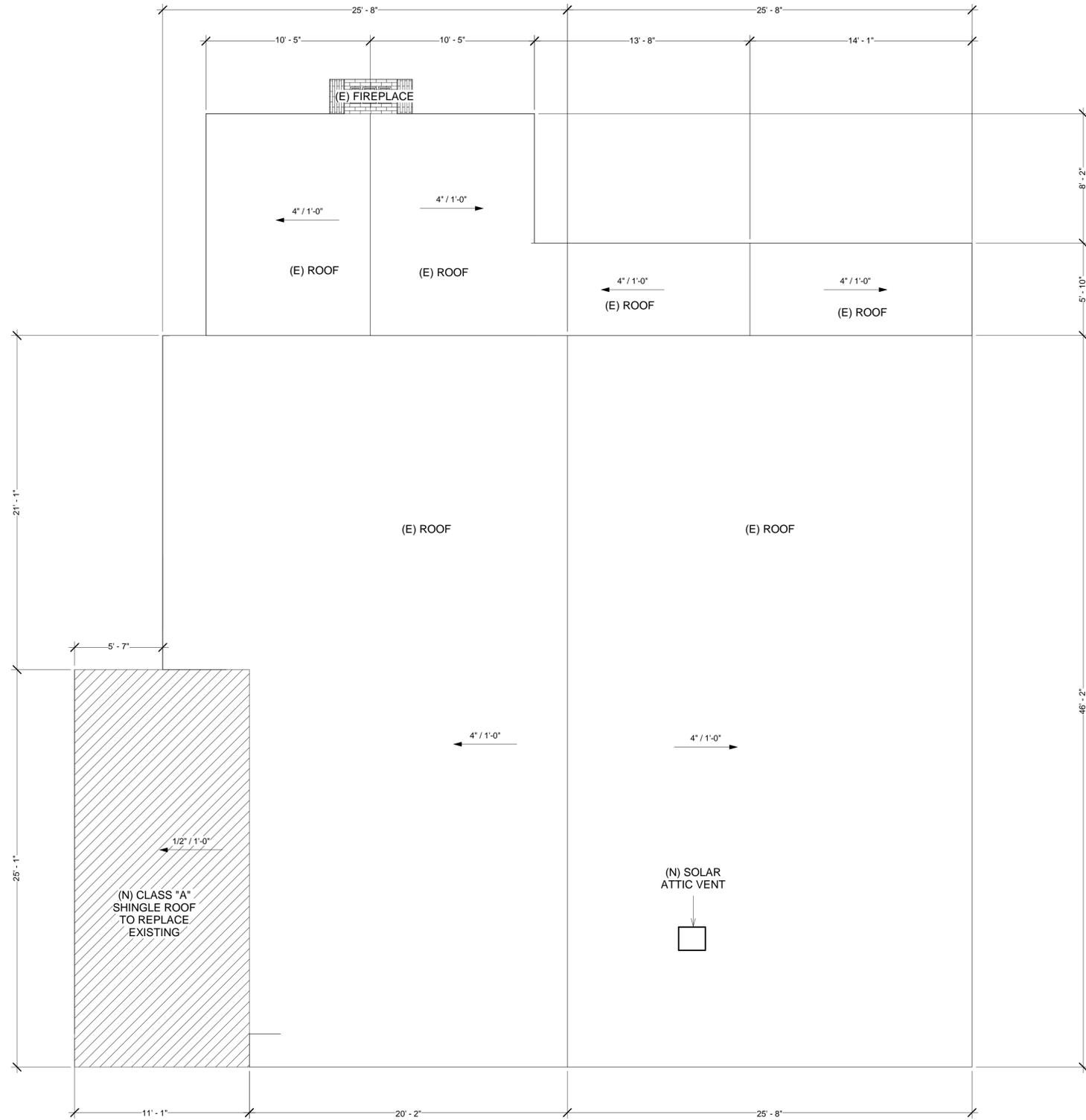
OWNER:
 HAIK CHILLIGARYAN
 ADDRESS:
 3252 N FREDERIC ST,
 BURBANK, CA 91504

SITE PLAN

PROJECT INFO
 JOB NUMBER: 18122
 DATE DRAWN: 1/29/22
 DRAWN BY: S.T.
 CHECKED BY: V.K.
 SCALE: 3/32" = 1' - 0"

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A-1



NOTE:
NO NEW ATTIC SPACE

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ROOF PLAN



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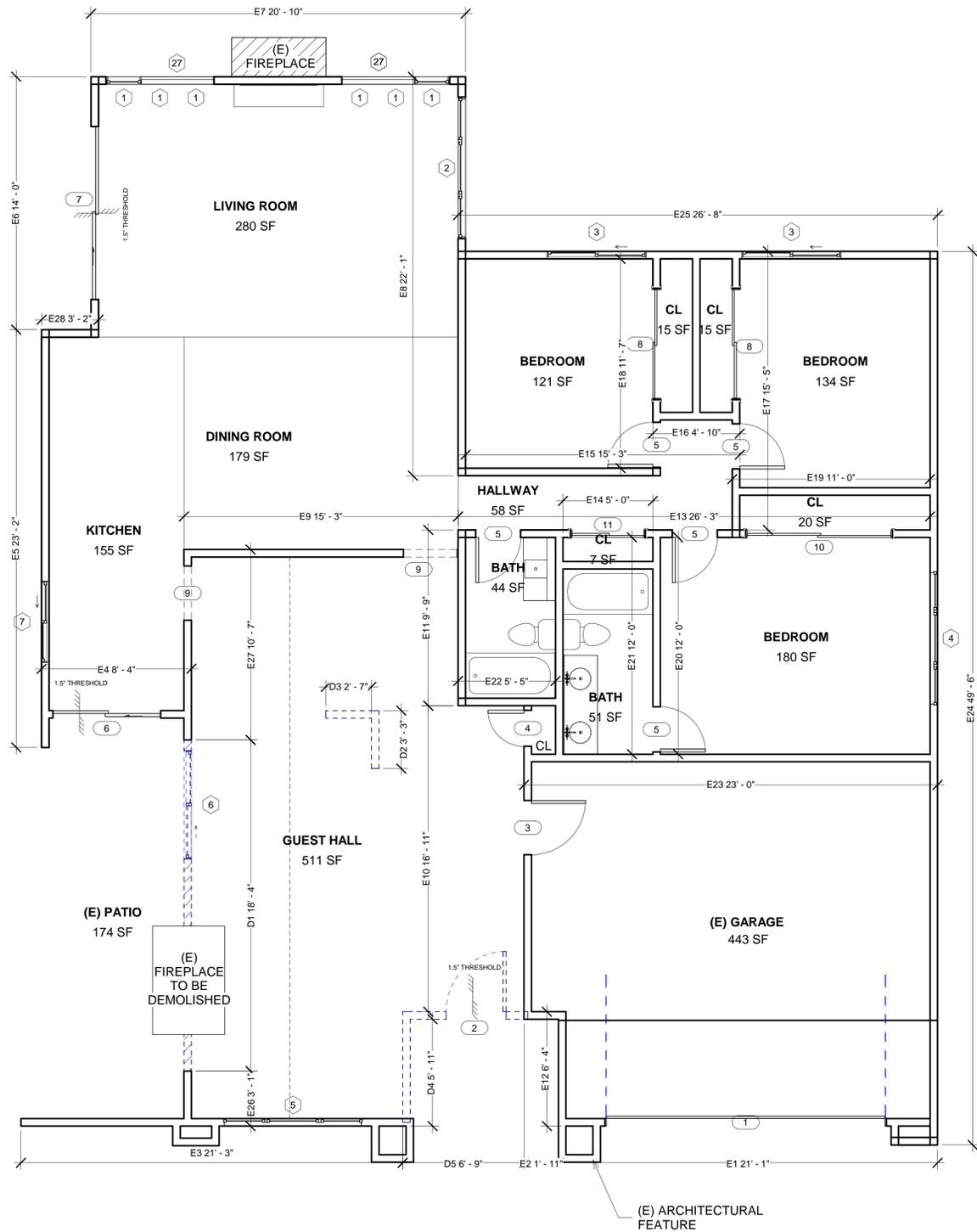
S | E | C
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① ROOF PLAN
1/4" = 1'-0"

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1 EXISTING FLOOR PLAN
1/4" = 1'-0"

EXISTING WINDOW SCHEDULE

MARK	WIDTH	HEIGHT	OPERATION	MATERIAL	TEMPERED	SILL HEIGHT	QUANTITY	U-FACTOR	SHGC
1	2'-0"	5'-10"	FIXED	VINYL	YES	0'-10"	6	0.29	0.23
2	7'-10"	5'-0"	PICTURE SIDE CASEMENT	VINYL	NO	1'-0"	1	0.29	0.23
3	5'-6"	2'-8"	DOUBLE SLIDING	VINYL	NO	4'-0"	2	0.29	0.23
4	7'-6"	3'-0"	PICTURE SIDE CASEMENT	VINYL	NO	4'-0"	1	0.29	0.23
5	7'-10"	5'-0"	PICTURE SIDE CASEMENT	VINYL	NO	4'-0"	1	0.29	0.23
6	6'-0"	3'-0"	DOUBLE SLIDING	VINYL	NO	3'-0"	1	0.29	0.23
7	4'-6"	3'-8"	DOUBLE SLIDING	VINYL	NO	4'-0"	1	0.29	0.23

EXISTING DOOR SCHEDULE

MARK	WIDTH	HEIGHT	OPERATION	MATERIAL	FRAME	QUANTITY	U-FACTOR	SHGC
1	15'-6"	6'-10"	SECTIONAL	WOOD	WOOD	1	N/A	N/A
2	3'-4"	7'-0"	SWING	WOOD	WOOD	1	N/A	N/A
3	3'-0"	6'-8"	SWING	WOOD	WOOD	1	N/A	N/A
4	2'-0"	6'-8"	SWING	WOOD	WOOD	1	N/A	N/A
5	2'-6"	6'-8"	SWING	WOOD	WOOD	5	N/A	N/A
6	6'-0"	7'-0"	DOUBLE SLIDING	GLASS	WOOD	1	0.29	0.23
7	9'-7"	6'-8"	DOUBLE SLIDING	GLASS	WOOD	1	0.29	0.23
8	6'-0"	7'-0"	DOUBLE SLIDING	WOOD	WOOD	2	N/A	N/A
9	3'-0"	7'-0"	OPENING	N/A	WOOD	2	N/A	N/A
10	8'-0"	8'-0"	DOUBLE SLIDING	WOOD	WOOD	1	N/A	N/A
11	4'-0"	7'-0"	DOUBLE SLIDING	WOOD	WOOD	1	N/A	N/A

FAR

(HOUSE) 1,987 SF + (GARAGE) 443 SF + (PATIO) 197 SF = 2,627 SF
 2,627 SF - 400 SF (PORTION OF GARAGE EXEMPT) = 2,227 SF
 2,227 SF + 385 SF (PORTION OVER 12' FROM GRADE, SEE SECTION) =
2,612 SF TOTAL

MAXIMUM FLOOR AREA ON 16,910 SF LOT =
 (7,500 X 0.4) + (7,500 X 0.3) + (1,910 X 0.2) =
 3,000 + 2,250 + 382 = 5,632 SF MAX. FAR

LEGEND

EXISTING WALL	
DEMO WALL	

TOTAL EXISTING WALL LENGTH:		TOTAL DEMO WALL LENGTH:	
E1	21'-1"	D1	18'-4"
E2	1'-11"	D2	3'-3"
E3	21'-3"	D3	2'-7"
E4	8'-4"	D4	5'-11"
E5	23'-2"	D5	6'-9"
E6	14'-0"		
E7	20'-10"		
E8	22'-1"		
E9	15'-3"		
E10	16'-11"		
E11	9'-9"		
E12	6'-4"		
E13	26'-3"		
E14	5'-0"		
E15	15'-3"		
E16	4'-10"		
E17	15'-5"		
E18	11'-7"		
E19	11'-0"		
E20	12'-0"		
E21	12'-0"		
E22	5'-5"		
E23	23'-0"		
E24	49'-6"		
E25	26'-8"		
E26	3'-1"		
E27	10'-7"		
E28	3'-2"		
D1	18'-4"		
D2	3'-3"		
D3	2'-7"		
D4	5'-11"		
D5	6'-9"		
TOTAL LENGTH:	156'-0"	TOTAL LENGTH:	36'-10"
DEMO CALCULATION:			36'-10" / 156'-0" = 23.61% DEMOLITION

REVISE DATES:

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EXISTING/DEMO
 FLOOR PLAN

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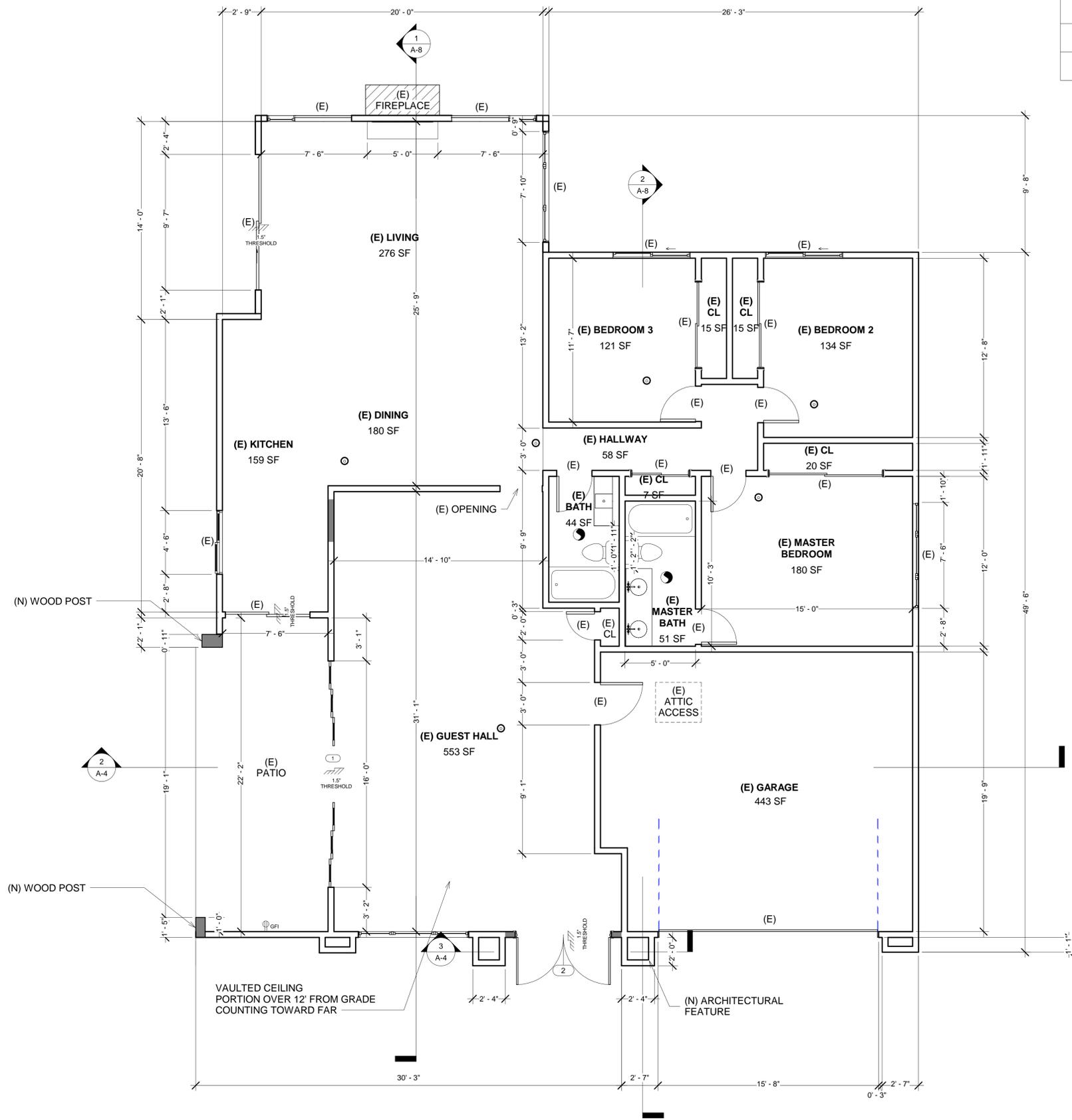
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PROJECT INFO	
JOB NUMBER:	18122
DATE DRAWN:	1/29/22
DRAWN BY:	S.T.
CHECKED BY:	V.K.
SCALE:	1/4" = 1' - 0"



1 PROPOSED FLOOR PLAN
1/4" = 1'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	OPERATION	MATERIAL	FRAMING	QUANTITY	U-FACTOR	SHGC
1	16'-0"	8'-0"	MULTI PANEL	GLASS	WOOD	1	0.29	0.23
2	6'-8"	8'-0"	DOUBLE SWING	GLASS	WOOD	1	0.29	0.23

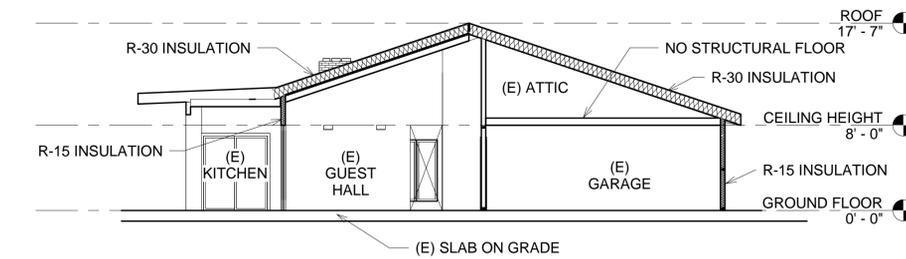
LEGEND

EXISTING WALL	
NEW WALL	
ENERGY STAR 50 CFM EXHAUST DUCTED TO OUTSIDE AND CONTROLLED BY HUMIDISTAT	
SMOKE DETECTOR / CARBON MONOXIDE	

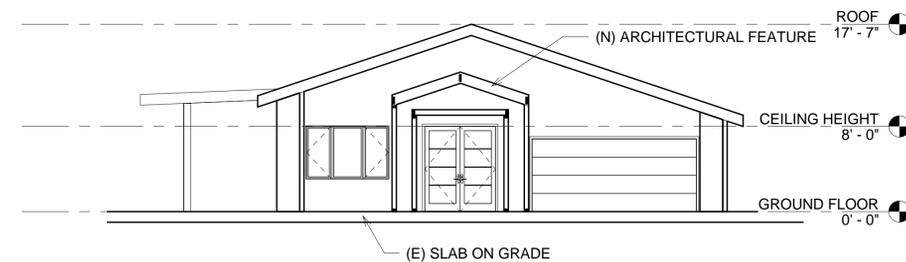
ELECTRICAL LEGEND

	GFI
	GFI OUTLET

NOTE:
SMOKE ALARM SHALL BE INTERCONNECTED HARD-WIRED WITH BATTERY BACKUP AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72.
CARBON MONOXIDE ALARM SHALL BE INTERCONNECTED HARD-WIRED WITH BATTERY BACKUP.
FANS MUST BE CONTROLLED BY A HUMIDITY CONTROL CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF LESS THAN 50% TO A MAXIMUM OF 80% UNLESS FUNCTIONING AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM.



2 OUTDOOR PATIO SECTION DETAIL
1/8" = 1'-0"



3 ARCHITECTURAL FEATURE SECTION DETAIL
1/8" = 1'-0"

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PROPOSED FLOOR PLAN

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

A-4

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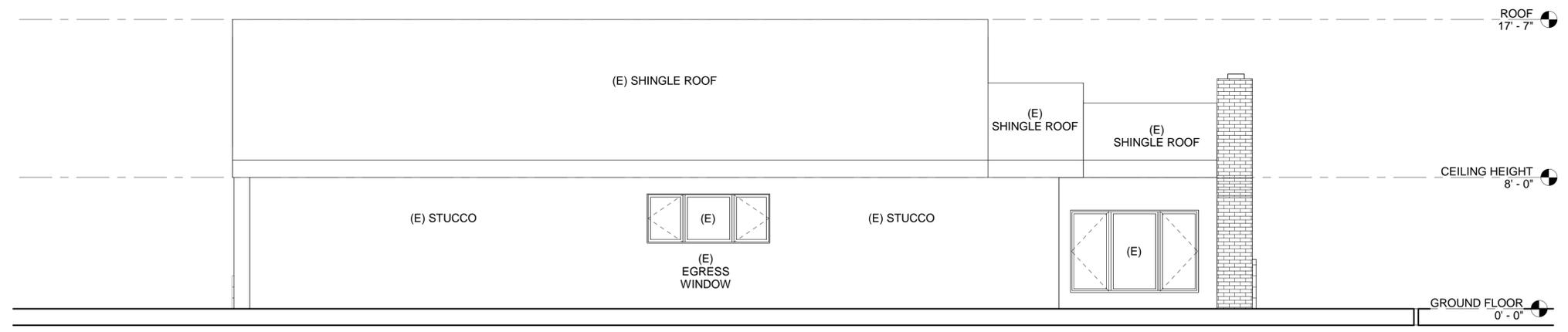
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EAST/WEST
ELEVATIONS

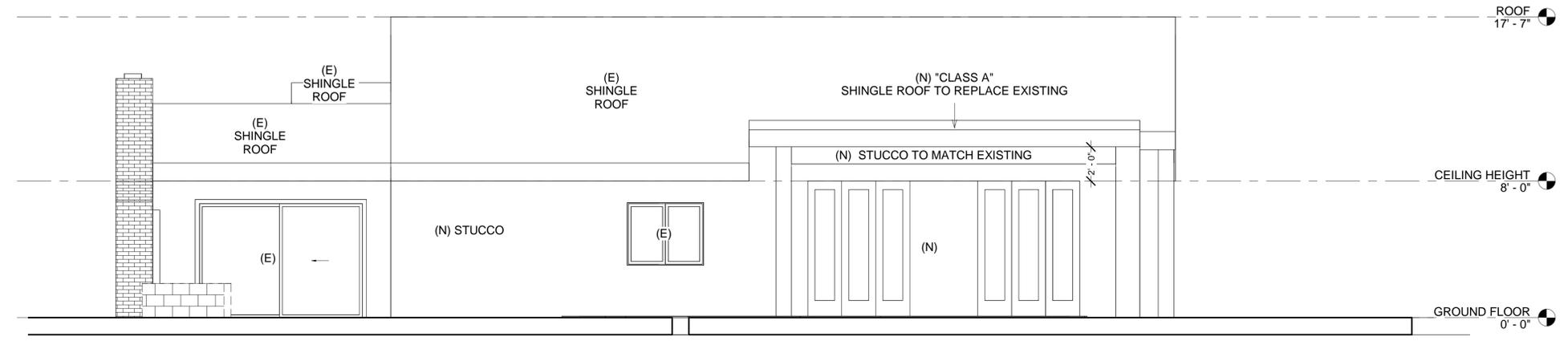
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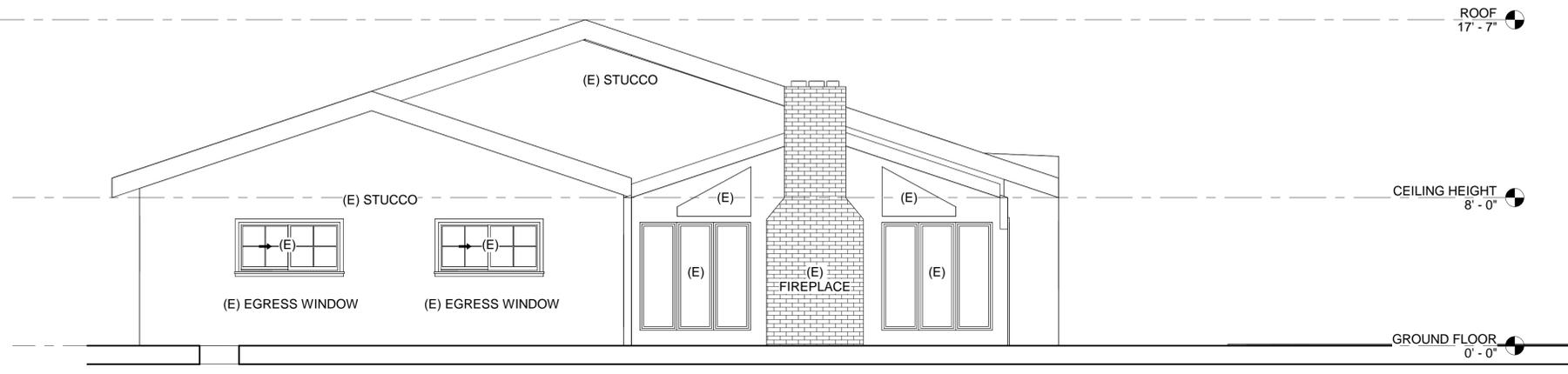
1 EAST ELEVATION
1/4" = 1'-0"



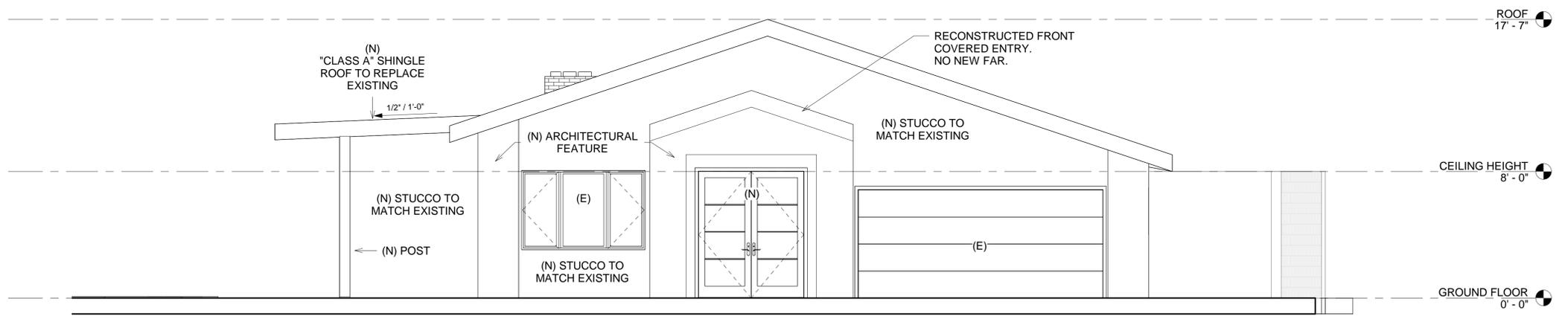
2 WEST ELEVATION
1/4" = 1'-0"

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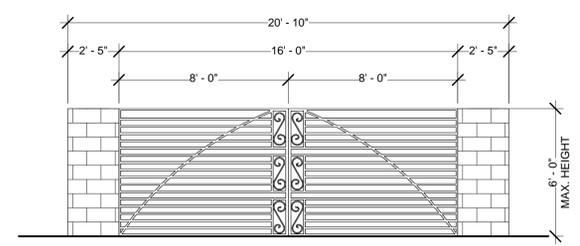
REVISE DATES:



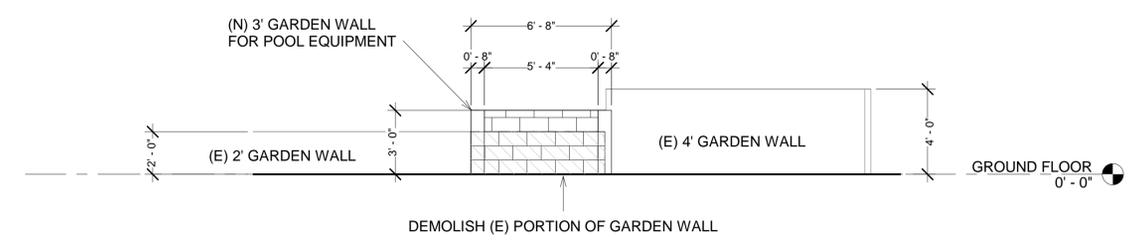
① NORTH ELEVATION
1/4" = 1'-0"



② PROPOSED SOUTH ELEVATION
1/4" = 1'-0"



③ PROPOSED GATE
1/4" = 1'-0"



④ GARDEN WALL FOR POOL EQUIPEMENT
1/4" = 1'-0"

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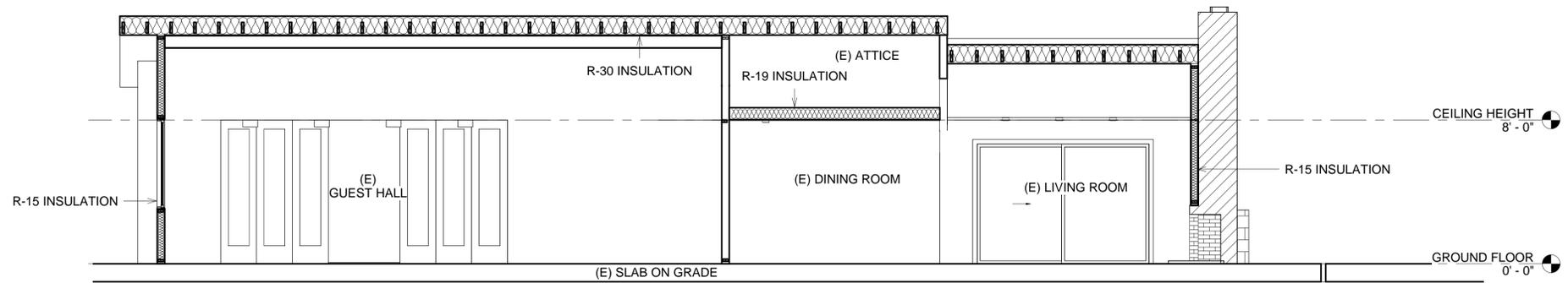
NORTH/SOUTH
ELEVATIONS

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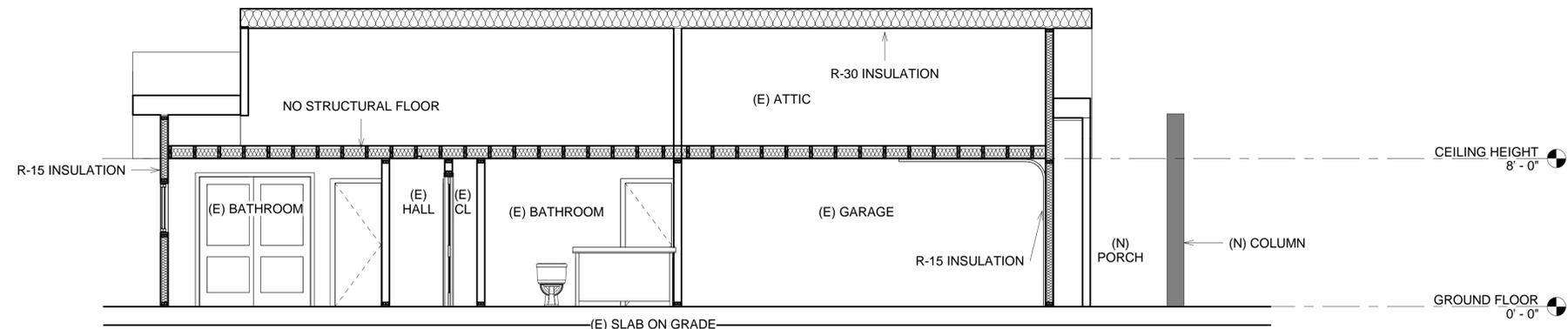


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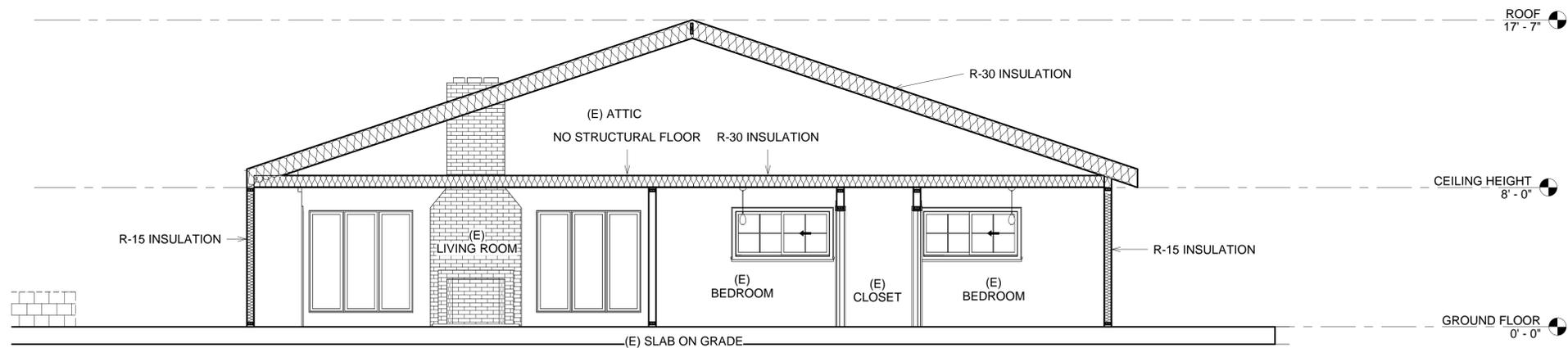
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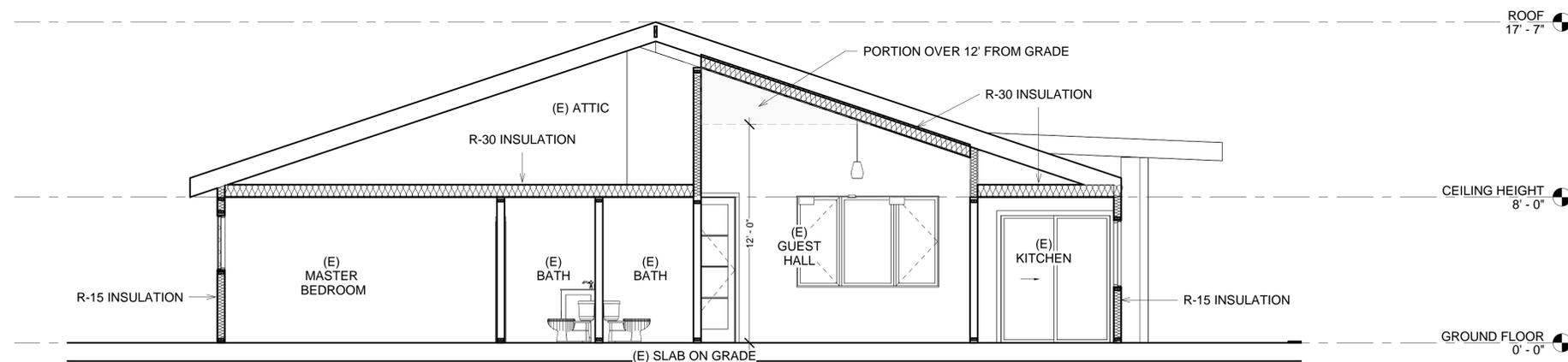
SECTION 1
1/4" = 1'-0"



SECTION 2
1/4" = 1'-0"



SECTION 3
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SECTION 4
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SECTIONS

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GENERAL NOTES:

1. ALL CONSTRUCTION SHALL COMPLY WITH THE 2019 EDITION OF THE CBC, CRC, CMC, CPC, AND CEC AS ADOPTED AND AMENDED BY THE STATE OF CALIFORNIA IN TITLE 24 CCR AND THIS JURISDICTION.
2. SEPARATE PERMITS MAY BE REQUIRED FOR MECHANICAL, ELECTRICAL, PLUMBING, SHORING, GRADING, AND DEMOLITION.
3. ALL PROPERTY LINES, EASEMENTS, AND EXISTING BUILDINGS HAVE BEEN INDICATED ON THIS SITE PLAN.
4. A SECURITY FENCE SHALL BE PROVIDED AROUND THE CONSTRUCTION AREA THAT SHALL BE INSTALLED PRIOR TO EXCAVATION AND/OR FOUNDATION TRENCHING. (BMC 9-1-1-3302.3)
5. WATER SHALL BE PROVIDED ON THE SITE AND USED TO CONTROL DUST.
6. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED ON SITE. (BMC 9-1-1-3305)
7. THE FINISH GRADE SHALL SLOPE A MIN. OF 5%, OR 6", TO A POINT 10 FEET FROM BUILDING FOUNDATION, OR TO AN APPROVED ALTERNATE METHOD OF DIVERTING WATER AWAY FROM THE FOUNDATION. SWALES SHALL SLOPE A MINIMUM OF 2%. (CRC R401.3)
8. THE TOP OF THE EXTERIOR FOUNDATION SHALL EXTEND ABOVE THE ELEVATION OF THE STREET GUTTER A MINIMUM OF 12" PLUS 2%. (CRC R403.1.7.3)

FOUNDATION NOTES:

1. CONCRETE STRENGTH FOR FOUNDATION SHALL BE 2,500 PSI MIN. (CRC R402.2. TABLE R402.2)
2. MINIMUM FOOTING REINFORCEMENT SHALL BE ONE #4 BAR TOP AND BOTTOM (CRC R403.1.3).
3. MINIMUM ANCHOR BOLT SIZE AND SPACING SHALL BE 5.8" DIA. AB @ 72" OC., WITH 7" EMBEDMENT, AND 3" X 3" X 1/4" PLATE WASHERS. ANCHOR BOLTS SHALL BE LOCATED A MAXIMUM OF 12" AND 4 1/2" MINIMUM FROM THE END OF THE PLATE (CRC R403.1.6, R602.11.1).

GENERAL NOTES:

1. SEPERATE PERMIT SHALL BE OBTAINED FROM CITY PUBLIC WORKS DEPARTMENT PRIOR TO PLACEMENT OF ANY CONSTRUCTION MATERIALS OR EQUIPMENT IN THE PUBLIC WAY.
2. THE CURRENT CODE IS THE 2020 LOS ANGELES COUNTY BUILDING CODE/RESIDENTIAL CODE.
3. THIS PROJECT SHALL COMPLY WITH THE 2019 CALIFORNIA STANDARDS CODE (2019 CBC, CMC, CPC & CEC) & LOCAL ORDINANCES.
4. AT THE TIME OF PERMIT ISSUANCE, CONTRACTOR SHALL SHOW THEIR VALID WORKERS COMPENSATION INSURANCE CERTIFICATE.
5. ALL WORK SHALL CONFORM TO ALL REQUIREMENTS OF STAT OF CALIFORNIA TITLE 24 REGARDLESS OF THE INFORMATION INDICATED ON THESE PLANS. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL SUPERVISING THE CONSTRUCTION TO ENSURE THAT THE WORK IS DONE IN ACCORDANCE WITH THE CODE REQUIREMENTS PRIOR TO REQUESTING INSPECTION.
6. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
7. SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (SCAQMD) SHALL BE NOTIFIED IN ACCORDANCE WITH CALIFORNIA STATE LAW PRIOR TO START OF ANY DEMOLITION, ADDITION AND/OR REMODEL WORK. THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT OFFICE IS LOCATED AT 21865 COPELY DRIVE IN DIAMOND BAR, PHONE NO. (909) 396-2000. BE ADVISED, SCAQMD MAY REQUIRE A 10 DAY WAIT PERIOD PRIOR TO START OF WORK. FOR FIRTHER INFORMATION VISIT HTTP: //WWW.AQMD.GOV/DEFAULT.HTM
8. SEDIMENTS AND ANY OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATEY AND MAY NOT BE WASHED OUT WITH RAIN OR ANY OTHER MEANS.
9. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
10. TRASH AND CONSTRUCTION RELATED SOLID WASTE MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
11. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTINGS AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEAN UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
12. THE ISSUANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM REQUIRING THE CORRECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATION OF THESE CODES ADOPTED BY THE CITY, RELEVANT LAWS, ORDINANCES, RULES AND/OR REGULATIONS.
13. NO HAZARDOUS MATERIALS WILL BE STORED AND/OR USED WITHIN THE BUILDING, WHICH WILL EXCEED THE QUANTITIES LISTED IN CBC TABLE 414.2.5 (1).

ELECTRICAL NOTES:

- PER 2019 CALIFORNIA ELECTRICAL CODE
- A. PANEL LOCATIONS
PANELS SHALL NOT BE LOCATED IN THE VICINITY OF EASILY IGNITABLE MATERIAL, SUCH AS CLOTHES CLOSETS, OR IN BATHROOMS (CEC 240-24(D)).
- B. NON-METALLIC SHEATHED CABLE (CEC 334)
NON-METALLIC SHEATHED CABLE SHALL BE:
1. PROTECTED BY RIGID METAL CONDUIT, INTERMEDIATE METAL CONDUIT, ELECTRICAL METALLIC TUBING, SCHEDULE 80 PVC CONDUIT, PIPE, OR OTHER MEANS WHEN CABLE IS EXPOSED OR SUBJECT TO PHYSICAL DAMAGE. (CEC 334.15(B))
 2. PROTECTED BY A 1.16 INCH STEEL PLATE OR SLEEVE, OR BE NOT LESS THAN 1-1/4 INCH FROM THE NEAREST EDGE OF THE FRAMING MEMBER, WHEN INSTALLED THROUGH FRAMING MEMBERS. STEEL PLATES OR SLEEVES ARE REQUIRED ON ALL DOUBLE SHEAR WALLS WHEN CABLE IS INSTALLED EITHER THROUGH OR PARALLEL TO FRAMING MEMBERS (CEC 334.17).
 3. PROTECTED BY GUARD STRIPS WITHIN 6FT OF AN ATTIC ACCESS WHEN NO PERMANENT STAIRS OR LADDERS ARE PROVIDED. (CEC 334.23, 320.23)
 3. PROTECTED BY GUARD STRIPS IN THE ENTIRE ATTIC WHEN PERMANENT STAIRS OR LADDERS ARE PROVIDED. ACCESS PANELS OR DOORS FROM THE SECOND FLOOR INTO THE ATTIC ARE CONSIDERED PERMANENT ACCESS AND GUARD STRIPS ARE REQUIRED IN THE ENTIRE ATTIC.
 5. HAVE A BENDING RADIUS NOT LESS THAN 5 TIMES THE DIAMETER OF THE CABLE (CEC 334.24).
 6. SUPPORTED AT INTERVALS NOT EXCEEDING 4-1/2 FEET AND WITHIN 12" OF EVERY OUTLET BOX, JUNCTION BOX, CABINET OR FITTING (CEC 334.30).
- C. CIRCUITS AND RECEPTACLES
- 1.RECEPTACLES SHALL BE INSTALLED SO THAT NO POINT ALONG THE FLOOR LINE IN ANY WALL SPACE IS MORE THAN 6 FT. FROM AN OUTLET, INCLUDING ANY WALL SPACE 2 FT. WIDE OR GREATER. NOTE: A FIXED PANEL OF A SLIDING GLASS DOOR IS CONSIDERED WALL SPACE.
 2. IN KITCHENS, BREAKFAST ROOMS, PANTRIES AND DINING ROOMS A MINIMUM OF 2-20A CICIUTS SHALL BE PROVIDED (CEC 210.11 (C)(1)). COUNTER SPACE RECEPTACLES SHALL BE GFCI (CEC 210.8 (A)) AND INSTALLED:
 - AT EACH WALL COUNTER SPACE THAT IS 12 IN. OR GREATER (CEC 210.52 (C)(1));
 - NO MORE THAN 48 IN. OC. (CEC 210.52 (C)(1));
 - MAXIMUM 24 IN. FROM THE END OF THE COUNTER (CEC 210.52 (C)(1));
 - MAXIMUM 20 IN. ABOVE COUNTER SURFACE (CEC 210.52 (C)(5));
 - ON ISLAND COUNTER SPACES (ONE RECEPTACLE MIN.) NOT MORE THAN 12 IN. BELOW COUNTER SURFACE (CEC 210.52 (C)(5) EXCEPTION), AN ISLAND WITH LESS THAN 12" BEHIND A RANGE TOP OF SINK IS CONSIDERED AS DIVING THE COUNTERTOP INTO TWO SEPARATE SPACES (CEC 210.52 (C)(2)).
 - ON PENINSULAR COUNTER SPACES (ONE RECEPTACLE MIN.) NOT MORE THAN 12 IN. BELOW COUNTER SURFACE (CEC 210.52 (C)(5) EXCEPTION));
 3. BATHROOMS SHALL HAVE A SEPARATE 20A CIRCUIT (CEC 210.11 (C)(3)) WITH AT LEAST ONE GFCI WALL RECEPTCLE WITHIN 36 IN. OF EACH BASIN (CEC 210.8 (A)(1); CEC 210.52 (D)).
 4. LAUNDRY ROOMS SHALL HAVE A SEPARATE 20A CIRCUIT WITH AT LEAST ONE RECEPTACLE SHALL BE PROVIDED (CEC 210.11 (C)(2)). ALL RECEPTACLES WITHIN 6 FT. OF A SINK SHALL BE GFCI (CEC 210.52(H)).
 5. IN GARAGES, AT LEAST ONE GFCI RECEPTACLE SHALL BE PROVIDED (CEC 210.52 (G)). ALL OTHER GARAGE RECEPTACLES EXCEPT THOSE DEDICATED TO AN APPLIANCE OR THAT ARE NOT READILY ACCESSIBLE SHALL BE GFCI. (CEC 210.8 (A)(2))

WATER CONSERVATION:

- THE PROJECT SHALL DEMONSTRATE A 2-% REDUCTION IN WATER USE BY SPECIFYING PLUMBING FIXTURES AND FIXTURES THAT MEET THE FLOW RATES LISTED BELOW, OR THROUGH A CALCULATION SHOWING A 20% REDUCTION FROM BASELINE VALUES LISTED IN CALGREEN TABLE 4.303.1.
- | | |
|------------------------------|---------------------------------|
| SHOWERHEADS | 2.0 GALLONS PER MINUTE (GPM) 1" |
| LAVATORY FAUCET- RESIDENTIAL | 1.5 GPM |
| KITCHEN FAUCETS | 1.8 GPM |
| WATER CLOSETS | 1.28 GALLONS PER FLUSH 2" |
| URINALS | 0.5 GALLON PER FLUSH |
| METERING FAUCETS | 0.2 GALLON PER CYCLE |
- NOTES:
1. THE COMBINED FLOW RATE OF MULTIPLE SHOWER HEADS SHALL NOT EXCEED THE MAXIMUM FLOW RATE, OR THE SHOWER SHALL BE DESIGNED TO PERMIT ONE SHOWERHEAD TO BE IN OPERATION AT A TIME.
2. THE EFFECTIVE FLUSH VOLUME FOR DUAL-FLUSH TOILETS IS DEFINED AS THE COMPOSITE, AVERAGE FLUSH VOLUME OF TWO REDUCED FLUSHES AND ONE FULL FLUSH.

ELECTRICAL NOTES:

- PER 2019 CALIFORNIA ELECTRICAL CODE
6. IN HALLWAYS OF 10 FT. OR MORE IN LENGTH, AT LEAST ONE RECEPTACLE SHALL BE PROVIDED (CEC 210.52 (H)).
 7. OUTDOOR OUTLETS SHALL BE GFCI (CEC 210.8 (3)). ONE OUTLET SHALL BE INSTALLED AT THE FRONT OF THE DWELLING AND ONE AT THE REAR OF THE DWELLING. RECEPTACLES SHALL BE ACCESSIBLE AT GRADE LEVEL AND NOT MORE THAN 6-1/2 FT. ABOVE GRADE (CEC 210.52 (E)).
 8. ALL CRAWL SPACE RECEPTACLES SHALL BE GFCI (CEC 210.8(A)(4)).
 9. ALL UNFINISHED BASEMENT RECEPTACLES SHALL BE GFCI UNLESS THEY ARE NOT READILY ACCESSIBLE OR ARE SERVICE A DEDICATED APPLIANCE (CEC 210.8 (A)(5)).
 10. ALL RECEPTACLES WITHIN 6FT. OF A WET BAR SHALL BE GFCI (CEC 210.8(A)(7)).
 11. ALL RECEPTACLES ON 15A OR 20A BRANCH CIRCUITS THAT SUPPLY FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTERS (AFCI), INCLUDING SWITCHED OUTLETS (CEC 210.12(B)).
 12. ALL RECEPTACLES SERVING APPLIANCES OR MOTORS WITH A RATING OF 1 HP OR 6 AMPS SHALL BE ON A SEPARATE CIRCUIT.
 13. FOR HVAC EQUIPMENT, A SEPARATE 15A OR 20A CIRCUIT WITH AN ACCESSIBLE RECEPTACLE AT THE EQUIPMENT SHALL BE PROVIDED WITHIN 25 FT OF THE EQUIPMENT (CEC 210.63). IF LOCATED IN AN UNDER FLOOR AREA, THE RECETACLE SHALL BE GFCI (CEC 210.8 (4)).
- D. LIGHTING (CEC 210.70)
1. SWITCHED LIGHTING SHALL BE INSTALLED IN:
 - ALL HABITABLE ROOMS, BATHROOMS, HALLWAYS, AND STAIRWAYS AT EACH LEVEL,
 - AT ALL OUTDOOR ENTRANCES AND EXITS,
 - IN ALL ATTICS, UNDER FLOOR AREAS, UTILITY ROOMS AND BASEMENTS USED FOR STORAGE,
 - NEAR HVAC EQUIPMENT IN ATTIC, UNDER FLOOR AREAS, ROOMS OR BASEMENTS, WITH A SWITCH AT THE ACCESS POINT.
 2. LIGHTING INSTALLED IN A CLOSET SHALL BE A SURFACE MOUNTED OR RECESSED FLUORESCENT FIXTURE OR A SURFACE MOUNTED INCANDESCENT FIXTURE WITH COMPLETELY ENCLOSED LAMPS OR RECESSED INCANDESCENT FIXTURE WITH COMPLETELY ENCLOSED LAMPS. SURFACE INCANDESCENT LIGHTING SHALL BE INSTALLED A MINIMUM OF 12 IN. FROM THE NEAREST POINT OF A STORAGE SPACE. SURFACE FLUORESCENT LIGHTING AND RECESSED LIGHTING SHALL BE INSTALLED A MINIMUM OF 6 IN. FROM THE NEAREST POINT OF A STORAGE SPACE. (CEC 410.8. (D)).
- E. FANS
- IN BATHROOMS CONTAINING TUBS OR SHOWERS, A FAN CAPABLE OF EXHAUSTING 50 CFM SHALL BE INSTALLED (ENERGY STANDARDS 150 (O)).
- F. SMOKE ALARMS
- IN NEW CONSTRUCTION, SMOKE ALARMS SHALL RECIEVE THEIR PRIMARY POWER FROM THE BUILDING WIRING. THE WIRING SHALL BE PERMANENT AND INSTALLED WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION (CRC R314.4).

STORM WATER MANAGEMENT:

1. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WINDS.
2. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
3. FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
4. NON-STORMWATER RUNOFF FROM EQUIPMENT AND VEHICLE WASHING AND ANY OTHER ACTIVITY SHALL BE CONTAINED AT THE PROJECT SITE.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
6. TRASH AND CONSTRUCTOIN RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPEARSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY.
8. ACCIDENTAL DESPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
9. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
10. SCHEDULE CONSTRUCTION ACTIVITY TO REDUCE AREA AND DURATION OF SOIL EXPOSED TO EROSION BY WIND, RAIN, RUNOFF AND VEHICLE TRACKING.

EXISTING NONCOMPLIANT PLUMBING FIXTURES REPLACEMENT REQUIREMENT:

SENATE BILL 407 (SB 407) REQUIRES NONCOMPLIANT PLUMBING FIXTURES TO BE REPLACED BY WATER-CONSERVING PLUMBING FIXTURES WHEN A PROPERTY IS UNDERGOING ALTERATIONS OR IMPROVEMENTS. THIS BILL APPLIES TO ALL SINGLE-FAMILY RESIDENTIAL AND MULTI-FAMILY RESIDENTIAL BUILDINGS CONSTRUCTED ON OR BEFORE JANUARY 1, 1994. FIXTURES INCLUDE WATER CLOSETS, URINALS, SHOWERHEADS, LAVATORY FAUCETS, AND KITCHEN FAUCETS. NONCOMPLIANT FIXTURES CAN ONLY BE REPLACED BY FIXTURES COMPLYING WITH REQUIREMENTS OF CALGREEN AND THE CALIFORNIA PLUMBING CODE.

THE WATER-CONSERVING PLUMBING FIXTURES CERTIFICATE OF COMPLIANCE MUST BE SUBMITTED TO THE BUILDING INSPECTOR PRIOR TO THE FINAL BUILDING INSPECTION.

SECURITY REQUIREMENTS:

1. ALL ENTRY DOORS TO DWELLING UNITS OR GUEST ROOMS SHALL BE ARRANGED SO THAT THE OCCUPANT HAS A VIEW OF THE AREA IMMEDIATELY OUTSIDE THE DOOR WITHOUT OPENING THE DOOR. SUCH VIEW MAY BE PROVIDED BY A DOOR VIEWER, THROUGH WINDOWS LOCATED IN THE VICINITY OF THE DOOR OR THROUGH VIEW PORTS IN THE DOOR OR ADJOINING WALL. (6706)
2. SCREENS, BARRICADES, OR FENCES MADE OF A MATERIAL WHICH WOULD PRECLUDE HUMAN CLIMBING SHALL BE PROVIDED AT EVERY PORTION OF EVERY ROOF, BALCONY, OR SIMILAR SURFACE WHICH IS WITHIN 8 FT. OF THE UTILITY POLE OR ACCESS STRUCTURES. (6707)
3. WOOD FLUSH-TYPE DOORS SHALL BE 1 3/8" THICK MINIMUM WITH SOLID CORE CONSTRUCTION. (6709.1) DOOR STOPS OF IN-SWINGING DOORS SHALL BE OF ONE-PIECE CONSTRUCTION WITH THE JAMB, OR JOINED BY RABBET TO THE JAMB. (6709.4)
4. EVERY DOOR IN A SECURITY OPENING FOR AN APARTMENT HOUSE SHALL BE PROVIDED WITH INCANDESCENT LIGHT BULB (60 WATT MIN) AT A MAXIMUM HEIGHT OF 8 FEET ON THE EXTERIOR SIDE OF THE UNIT. (6708)
5. ALL PIN-TYPE DOOR HINGES ACCESSIBLE FROM OUTSIDE SHALL HAVE NON-REMOVABLE HINGE PINS. HINGES SHALL HAVE MIN. 1/4" DIA. STEEL JAMB STUD WITH 1/4" MIN. PROTECTION. THE STRIKE PLATE FOR LATCHES AND HOLDING DEVICE FOR PROJECTING DEAD BOLTS IN WOOD CONSTRUCTION SHALL BE SECURED TO THE JAMB AND THE WALL FRAMING WITH SCREWS NO LESS THAN 2-1/2" LONG. (6709.5, 6709.7)
6. PROVIDE DEAD BOLTS WITH HARDENED INSERTS; DEADLOCKING LATCH WITH KEY-OPERATED LOCKS ON EXTERIOR. DOORS MUST BE OPERABLE FROM THE INSIDE WITHOUT A KEY, SPECIAL KNOWLEDGE, OR SPECIAL EFFORT (LATCH NOT REQUIRED IN B, F, M AND S OCCUPANCIES). (6709.2)
7. STRAIGHT DEAD BOLTS SHALL HAVE A MIN. THROW OF 1" AND AN EMBEDMENT OF NOT LESS THAN 5/8", AND A HOOK-SHAPED OR AN EXPANDING-LUG DEADBOLT SHALL HAVE A MINIMUM THROW OF 3/4". (6709.2)
8. WOOD PANEL TYPE DOORS MUST HAVE PANELS AT LEAST 9/16 INCH THICK WITH SHAPED PORTIONS OF THE PANELS NOT LESS THAN 1/4 INCH THICK, AND INDIVIDUAL PANELS MUST BE NO MORE THAN 300 SQ. IN. IN AREA. MULLIONS SHALL BE CONSIDERED A PART OF ADJACENT PANELS EXCEPT MULLIONS NOT OVER 18 INCHES LONG MAY HAVE AN OVERALL WIDTH OF NOT LESS THAN 2 INCHES. STILES AND RAILS SHALL BE OF SOLID LUMBER IN THICKNESS WITH OVERALL DIMENSIONS OF NOT LESS THAN 1 3/8 INCHES AND 3 INCHES IN WIDTH. (6709.1 ITEM 2)
9. SLIDING GLASS DOORS SHALL BE PROVIDED WITH A DEVICE IN THE UPPER CHANNEL OF THE MOVING PANEL TO PROHIBIT RAISING AND REMOVAL OF THE MOVING PANEL FROM THE TRACK WHILE IN THE CLOSED POSITION. (6710)
10. SLIDING GLASS DOORS SHALL BE EQUIPPED WITH LOCKING DEVICES AND SHALL BE SO CONSTRUCTED AND INSTALLED THAT THEY REMAIN INTACT AND ENGAGED WHEN SUBJECTED TO THE TESTS SPECIFIED IN SEC. 6717.1
11. METAL OR WOODEN OVERHEAD AND SLIDING DOORS SHALL BE SECURED WITH A CYLINDER LOCK, PADLOCK WITH A MIN. 9/32" DIAMETER HARDENED STEEL SHACKLE BOLTED, HARDENED STEEL HASPS, METAL SLIDE BOARD, BOLT OR EQUIVALENT DEVICE UNLESS SECURED ELECTRICALLY OPERATED. (6711)
12. PROVIDE METAL GUIDES AT TOP AND BOTTOM OF METAL ACCORDION GRATE OR GRILLE-TYPE DOORS AND CYLINDER LOCKS OR PADLOCKS. CYLINDER GUARDS SHALL BE INSTALLED ON ALL CYLINDER LOCKS WHENEVER THE CYLINDER PROJECTS BEYOND THE FACE OF THE DOOR OR IS OTHERWISE ACCESSIBLE TO GRIPPING TOOLS. (6712)
13. IN GROUP B, F, M, AND S OCCUPANCIES, PANES OF GLAZING WITH AT LEAST ONE DIMENSION GREATER THAN 6 IN. BUT LESS THAN 48 IN, SHALL BE CONSTRUCTED OF TEMPERED OR APPROVED BURGLARY-RESISTANT MATERIAL OR PROTECTED WITH METAL BARS OR GRILLES. (6714)
14. GLAZED OPENINGS WITHIN 40" OF THE DOOR LOCK WHEN THE DOOR IS IN THE CLOSED AND LOCKED POSITION, SHALL BE FULLY TEMPERED GLASS OR APPROVED BURGLARY-RESISTANT MATERIAL, OR SHALL BE PROTECTED BY METAL BARS, SCREENS OR GRILLES HAVING A MAXIMUM OPENING OF 2". THE PROVISIONS OF THIS SECTION SHALL NOT APPLY TO VIEW PORTS OR WINDOWS WHICH DO NOT EXCEED 2" IN THEIR GREATEST DIMENSIONS. (6713)
15. Louvered windows shall be protected by metal bars or grilles with openings that have at least one dimension of 6" or less, which are constructed to preclude human entry. (6715.3)
16. Other openable windows shall be provided with substantial locking devices. In Group B, F, M and S occupancies, such devices shall be glide bars, bolts, cross-bars, and/or padlocks with minimum 9/32" hardened steel shackles and bolted, hardened steel hasps. (6715.2)
17. Sliding windows shall be provided with locking device in the upper channel of the moving panel to prohibit raising and removal of the moving panel in the closed or partially open position. (6715.1)
18. Sliding windows shall be equipped with locking devices and shall be so constructed and installed that they remain intact and engaged when subjected to the tests specified in Sec. 6717.2.
19. Any release for metal bars, grilles, grates or similar devices constructed to preclude human entry that are installed shall be located on the inside of the adjacent room and at least 24 inches from the closest opening through such metal bars, grilles, grates or similar devices that exceeds two inches in any dimension. (6715.4)
- 20 All other openings must be protected by metal bars or grilles with openings of not less than 6 inches in one dimension. (6716)

REVISE DATES:

CONTRACTOR TO VERIFY ALL DIMENSIONS, CONDITIONS, ETC., PERTAINING TO THE WORK AT THE SITE BEFORE PROCEEDING WITH THE WORK

AS INSTRUMENT OF SERVICE, ALL DESIGN, IDEAS AND INFORMATION SHOWN ON THESE DRAWINGS ARE AND SHALL REMAIN THE PROPERTY OF **SEC DEVELOPMENT** NO PART THEREOF SHALL BE COPIED, DISCLOSED TO OTHERS, OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF **SEC DEVELOPMENT**. VISUAL CONTACT WITH THESE DRAWINGS SHALL CONSTITUTE CONCLUSIVE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

OWNER:
HAIK CHILLINGARYAN

ADDRESS:
3252 N FREDERIC ST,
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GENERAL NOTES

SECDEVELOPMENT.NET



PROJECT INFO	
JOB NUMBER:	18122
DATE DRAWN:	1/29/22
DRAWN BY:	S.T.
CHECKED BY:	V.K.
SCALE:	N.T.S.

A-9

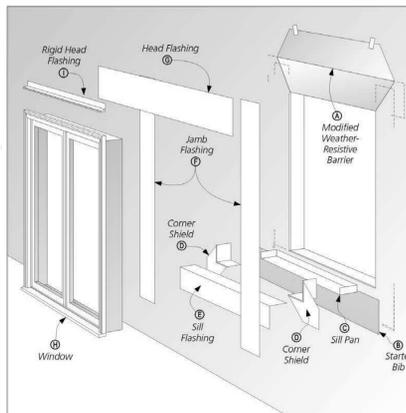
WOOD WINDOW SILL PAN FLASHING

A GUIDE TO INSTALLING SLOPED SILL WOOD WINDOWS

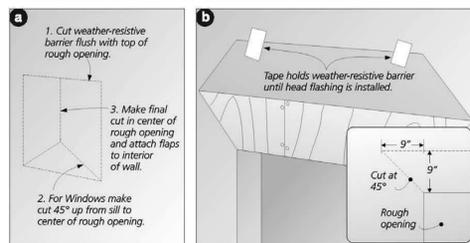
The "Wood Window Sill Pan Flashing" installation guide is designed for wood windows that utilize sloped sills, where the window is installed after the weather-resistive barrier is applied. Fortifiber Building Systems Group provides this installation guide to assist installers by demonstrating an efficient and effective method for exterior window flashing installation. Compliance with the building code and proper installation are critical in reducing potential water leakage points.

The following Fortifiber products are used in this guide:

- FortiFlash® Self Adhesive Waterproof Flashing Membrane 4, 6, 9, 12, 18 and 36 inch x 75' rolls
- FortiFlash® Commercial Self Adhesive Waterproof Flashing Membrane 6, 9, 12 and 18 inch x 75' rolls
- FortiFlash® Butyl Self Adhesive Waterproof Flashing Membrane 4, 6, 9 and 12 inch x 75' rolls
- Moistop E-Z Seal Self Adhesive Flashing, 6, 9, 12 inch x 75' rolls
- Moistop neXT® Flashing, 6, 9 and 12 inch x 200' rolls
- Moistop PF® Flashing, 6, 9, 12 and 18 inch x 300' rolls
- Moistop Corner Shield®
- Moistop® Sealant
- Fortifiber Sheathing Tape

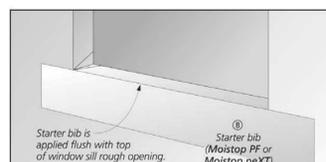


1 MODIFY WEATHER-RESISTIVE BARRIER



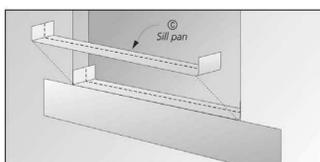
At the rough opening (1a), cut the weather-resistive barrier in an inverted "V" fashion, and then fasten with the methods show above. To allow for head flashing integration, (1b) make the following diagonal cuts at the top of the rough opening corners. For 9" flashing measure as follows: 9" up and 9" over, (45° angle). Cut on the diagonal from marked point to the rough opening corner. Gently raise the top edge of the weather-resistive barrier and tape the corners and the center to the barrier surface above. This will allow for the installation of the window and the jamb and head flashing later.

2 STARTER BIB



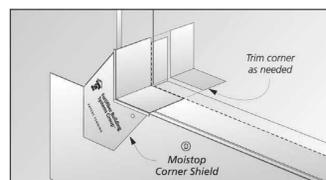
Cut the starter bib to the width of the rough opening plus twice the jamb flashing width, minus 1". Attach the starter bib flush along the bottom of the rough opening.

3 INSTALL SILL PAN



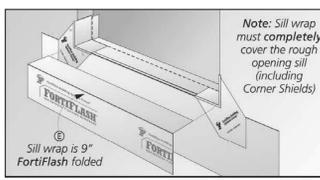
Place the sill pan with sides upturned in the rough opening. The leading edge of the sill pan must be aligned with the front of the rough opening.

4 SILL CORNERS

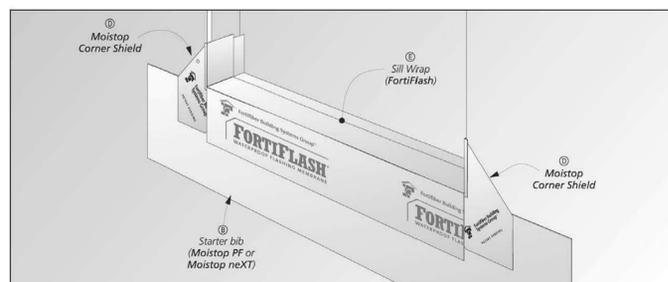


Install Moistop Corner Shield at each corner on top of the sill pan. If necessary, trim the back edge of the sill corners so they do not extend past the sill pan fold line.

5 INSTALL SILL WRAP

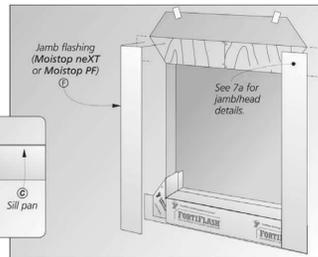
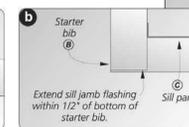
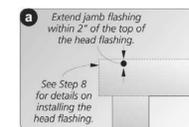


Cut 9" FortiFlash to the width of the rough opening. Align back edge of FortiFlash to the marked fold line of the sill pan and fold over the front of the bib.

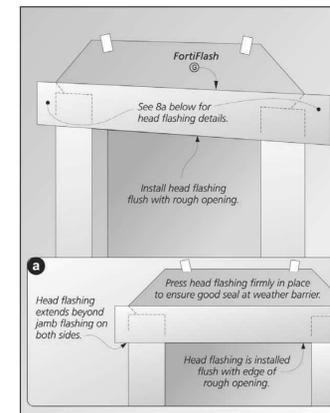


7 INSTALL JAMB FLASHING

Cut the jamb flashing to the height of the rough opening plus 2x the flashing width, minus 1". Align the flashing flush to the edge of the rough opening and within 2" of the top of the head flashing (7a) and 1/2" of the bottom of the starter bib (7b).

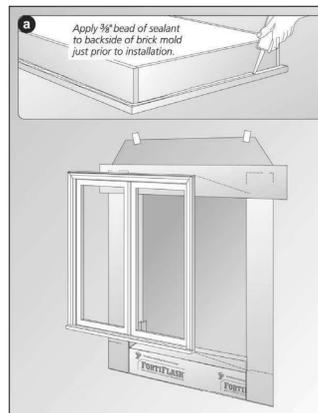


8 HEAD FLASHING



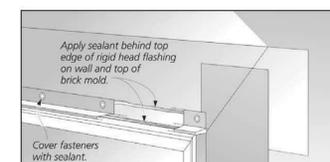
Wipe the jamb flashing, weather-resistive barrier, and sheathing with a clean rag. Cut a piece of flashing to size. Note: the length of the head flashing is the width of the rough opening + 2x the width of the flashing plus 2" (8a). Install the head flashing by pressing firmly in place in one

9 INSTALL WINDOW

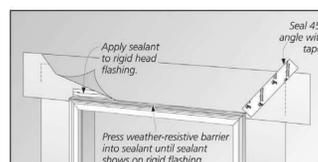


Before installing the door or window, apply a 3/8" continuous bead of Moistop Sealant (9a) to the backside (interior) of the brickmold. Install the window or door according to the manufacturer's instructions.

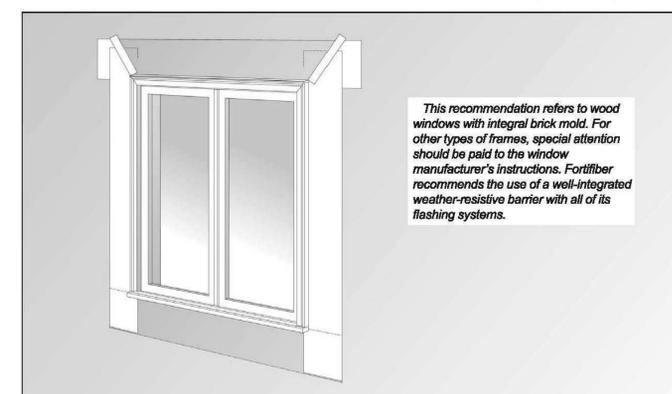
10 RIGID HEAD FLASHING



Prior to installing the rigid head flashing apply a 3/8" bead of sealant to the top of brick mold. Then place sealant on the top edge (interior side) of rigid head flashing. Place head flashing over brick mold and fasten with galvanized nails or screws. Apply sealant over these fasteners.



Place a 3/8" bead sealant along the lower portion of the upturned leg of the rigid flashing. This will allow the weather-resistive barrier to be applied in sealant. Finally, allow the flap of the weather-resistive barrier to lay flat over the sealant and rigid head flashing. Press flap into sealant and apply a new piece of sheathing tape over the entire diagonal cut made in the weather resistive barrier and press firmly in place.



This recommendation refers to wood windows with integral brick mold. For other types of frames, special attention should be paid to the window manufacturer's instructions. Fortifiber recommends the use of a well-integrated weather-resistive barrier with all of its flashing systems.

Limitations: For optimum adhesion, FortiFlash, FortiFlash Commercial and Moistop E-Z Seal flashings should be applied at temperatures between 40° F (4.4° C) and 120° F (48.9° C); FortiFlash Butyl may be applied at temperatures between 20° F (-8.9° C) and 120° F (48.9° C). Be cautious about using FortiFlash where it can be exposed to temperatures above its Service Temperature such as hot climates or behind fiber cement and metal siding that absorb a significant amount of heat. FortiFlash, FortiFlash Commercial and FortiFlash Butyl are the only Fortifiber flashing products that can be installed horizontally or at a slope of less than 60°. Where installed horizontally or with a slope of less than 60° do not use fasteners. Product should be covered as soon as possible. Inspect product to ensure it is free of any protrusions or damage which may compromise its moisture-resistive properties. FortiFlash is not compatible with EPDM or flexible (plastic-based) Polyvinyl Chloride (PVC) based products. FortiFlash and Moistop E-Z Seal are not compatible with some sealants. Consult with sealant manufacturer for compatibility information. Direct exposure of sealant to the adhesive side of FortiFlash or Moistop E-Z Seal can be detrimental if the amount of sealant exceeds what is specified above. Please follow these recommendations regarding location and amount of sealant to be used. Fortifiber strongly recommends against the practice of using a "backstop" bead of sealant, or "backing" the flange with sealant, because this amount of sealant is excessive and unnecessary.

Call 1-800-773-4777 Nationwide for Technical Assistance or visit our website at www.fortifiber.com

Fortifiber Building Systems Group®
Protecting Your World from the Elements®
NATIONAL SALES OFFICE - Farnley, NV

REVISE DATES:

CONTRACTOR TO VERIFY ALL DIMENSIONS, CONDITIONS, ETC., PERTAINING TO THE WORK AT THE SITE BEFORE PROCEEDING WITH THE WORK

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OWNER:
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BURBANK, CA 91504

FLASHING DETAILS

SECDEVELOPMENT.NET

SEC | development

(818) 935-1171

SECDEVELOPMENT.NET

(818) 935-1171

PROJECT INFO	
JOB NUMBER:	18122
DATE DRAWN:	1/29/22
DRAWN BY:	S.T.
CHECKED BY:	V.K.
SCALE:	N.T.S.

Cool Roof Colors Collection

Owens Corning® Shingles Meet Title 24 Requirements

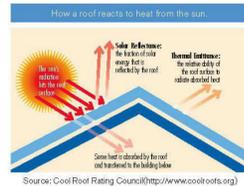


TruDefinition® Duration® COOL MountainSide®

In addition to meeting Title 24 requirements, Owens Corning® Cool Roof Colors Collection Shingles meet Property Assessed Clean Energy (PACE) Financing Programs requirements.

Owens Corning® COOL Roof Colors Collection

Most Prescriptive Cool Roof Requirements in California Title 24 and Other Compliance Programs



Since the revised California Energy Code (Title 24, Part 6) that called for increased energy efficiency in homes and commercial buildings want into effect in 2014, local jurisdictions have adopted provisions, programs and incentives to gain alignment. As of January 1, 2015, Los Angeles was the first major city to require "Cool Roofs" on steep-sloped residential and commercial roofs. This is a direct result of Climate Resolves' "Hot City, Cool Roofs" campaign that pushed for policy and solutions to reduce the urban heat island effect. To encourage the adoption of this provision, the Los Angeles Department of Water and Power (LADWP) is offering a rebate for installation of Cool Roofs. For more information on rebates offered by the LADWP, please visit www.ladwp.com/crp.

Cool Roofs may help reduce energy use by using shingles with solar-reflecting granules^{††}. The energy efficiency of cool roofs is supported by several Property Assessed Clean Energy (PACE) financing programs.

Owens Corning® COOL Roof Shingles	Meets ENERGY STAR® Requirements	CRRC Product ID	Warranty Length	Solar Reflectance	Thermal Emittance	Solar Reflectance Index (SRI)
Duration® Premium COOL Frosted Oak ^{AA}	☑	0890-0005	Limited Lifetime ^{**}	0.29	0.91	30
Duration® Premium COOL Harbor Fog ^{AA}	☑	0890-0004	Limited Lifetime ^{**}	0.30	0.90	32
Duration® Premium COOL Sage ^{AA}	☑	0890-0002	Limited Lifetime ^{**}	0.29	0.88	30
Duration® Premium COOL Sunrise ^{AA}	☑	0890-0006	Limited Lifetime ^{**}	0.29	0.91	30
TruDefinition® Duration® COOL Forest Brown ^{AA}	☑	0890-0018	Limited Lifetime ^{**}	0.33 [‡]	0.90 [‡]	19 ^{††}
TruDefinition® Duration® COOL Mojave ^{AA}	☑	0890-0017	Limited Lifetime ^{**}	0.33 [‡]	0.90 [‡]	19 ^{††}
TruDefinition® Duration® COOL Mountanside ^{AA}	☑	0890-0016	Limited Lifetime ^{**}	0.20 [‡]	0.90 [‡]	19 ^{††}
TruDefinition® Duration® COOL Summerwood ^{AA}	☑	0890-0015	Limited Lifetime ^{**}	0.20 [‡]	0.90 [‡]	19 ^{††}
TruDefinition® Duration® Amber ^{AA}	☑	0890-0009	Limited Lifetime ^{**}	0.21 [‡]	0.92 [‡]	21 ^{††}
TruDefinition® Duration® Antique Silver ^{AA}	☑	0890-0011	Limited Lifetime ^{**}	0.21 [‡]	0.92 [‡]	21 ^{††}
TruDefinition® Duration® Oyster Shell ^{AA}	☑	0890-0012	Limited Lifetime ^{**}	0.22 [‡]	0.92 [‡]	22 ^{††}
TruDefinition® Duration® Shasta White ^{AA}	☑	0890-0008	Limited Lifetime ^{**}	0.29	0.91	30
TruDefinition® Duration® Sierra Gray ^{AA}	☑	0890-0013	Limited Lifetime ^{**}	0.20 [‡]	0.92 [‡]	20 ^{††}
Oakridge® Amber	☑	0890-0009	Limited Lifetime ^{**}	0.21 [‡]	0.92 [‡]	21 ^{††}
Oakridge® Antique Silver	☑	0890-0011	Limited Lifetime ^{**}	0.21 [‡]	0.92 [‡]	21 ^{††}
Oakridge® Oyster Shell	☑	0890-0012	Limited Lifetime ^{**}	0.22 [‡]	0.92 [‡]	22 ^{††}
Oakridge® Sand Castle	☑	0890-0020	Limited Lifetime ^{**}	0.30 [‡]	0.92 [‡]	17 ^{††}
Oakridge® Shasta White	☑	0890-0002	Limited Lifetime ^{**}	0.29	0.91	30
Oakridge® Sierra Gray	☑	0890-0013	Limited Lifetime ^{**}	0.20 [‡]	0.92 [‡]	20 ^{††}
Supreme® Amber	☑	0890-0014	25 Years	0.22 [‡]	0.92 [‡]	20 ^{††}
Supreme® Aspen Gray	☑	0890-0010	25 Years	0.20 [‡]	0.92 [‡]	20 ^{††}
Supreme® Shasta White	☑	0890-0001	25 Years	0.29	0.92	31

Owens Corning® shingle products listed above are also found on the CRRC Rated Product directory: <http://coolroofs.org/products/results>.

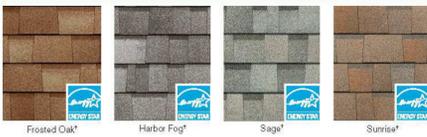
Trust the Grip of the SureNail® Strip™

There is a line between a good shingle and a great shingle[™].

It's the nailing line on your shingles. The difference between a good shingle and a great shingle is having SureNail® Technology. This unique shingle design provides outstanding gripping power.



Duration® Premium COOL Shingles



TruDefinition® Duration® COOL Shingles



TruDefinition® Duration® Shingles



Oakridge® Shingles



Supreme® Shingles



TOTAL PROTECTION SIMPLIFIED™



Owens Corning® Total Protection Roofing System[™] integrates engineered Owens Corning® components that work together to address these three primary performance areas, critical to a high-performance roof, while also making it easy to understand the importance of each. **With Owens Corning, it's easy to confidently deliver total protection, beauty and peace of mind.**

- SEAL.** HELPS CREATE A WATER-PROOF BARRIER. Includes Underlayment, Ice & Water Barrier.
- DEFEND.** HELPS PROTECT AGAINST NATURE'S ELEMENTS. Includes Steeper Shingles, Shingles, Hip & Ridge Shingles.
- BREATHE.** FOR BALANCED ATTIC VENTILATION. Includes Intake Vents, Exhaust Vents.



Owens Corning® Shingle Collection	Warranty Length ^{††}	Product Attributes				Product Specifications				Applicable Standards and Codes								
		Wind Resistance Limited Warranty ^{†††}	Algae Resistance Limited Warranty ^{†††}	Tri-Definiton® Non-Parade Limited Warranty ^{†††}	Normal Size	Exposure	Shingles per Square	Bundles per Square	ASTM D2278	ASTM D2278 (Type 1)	ASTM D2278 (Type 2)	ASTM D2278 (Type 3)	ASTM E108 (Class A Fire Resistance)	ASTM E108 (Class B Fire Resistance)	ASTM E108 (Class C Fire Resistance)	ICC-ES ESR-1318	ICC-ES ESR-1319	
Duration® Premium COOL Shingles	Limited Lifetime ^{††}	130 MPH	10 Years	10 Years	13'6" x 39'6"	5/8"	64	4	92.4 sq. ft.	✓	✓	✓	✓	✓	✓	✓	✓	✓
TruDefinition® Duration® COOL Shingles	Limited Lifetime ^{††}	130 MPH	10 Years	10 Years	13'6" x 39'6"	5/8"	64	3	92.4 sq. ft.	✓	✓	✓	✓	✓	✓	✓	✓	✓
TruDefinition® Duration® Shingles	Limited Lifetime ^{††}	130 MPH	10 Years ^{†††}	10 Years	13'6" x 39'6"	5/8"	64	3	92.4 sq. ft.	✓	✓	✓	✓	✓	✓	✓	✓	✓
Oakridge® Shingles	Limited Lifetime ^{††}	110/130 MPH ^{†††}	10 Years ^{†††}	10 Years	13'6" x 39'6"	5/8"	64	3	92.4 sq. ft.	✓	✓	✓	✓	✓	✓	✓	✓	✓
Supreme® Shingles	25-Year Limited	80 MPH	10 Years ^{†††}	5 Years	13'6" x 39'6"	5/8"	65	3	90.88 sq. ft.	✓	✓	✓	✓	✓	✓	✓	✓	✓

^{†††} Shasta White meets ENERGY STAR® requirements for initial solar reflectance of 0.29 and 3-year aged solar reflectance of 0.26. Other Owens Corning® shingles meet Title 24, Part 6 requirements listed by the Cool Roof Rating Council (CRRC).
^{††} See actual warranty for complete details, limitations and requirements.
^{†††} Owens Corning® Shingles products application along eaves and rakes in accordance with installation instructions.
[†] Owens Corning® shingles are made of recycled polypropylene (polypropylene). Due to manufacturing variations, the color of the shingles may vary from the printed color. The color of your roof can also vary from the actual color. We suggest that you take a roofing sample of several shingles to get a better idea of the actual color. To accurately judge your shingles and color choice, we recommend that you view them in actual roof with a pitch similar to your roof prior to making your final selection. Color availability subject to change without notice. Ask your professional roofing contractor for samples of colors available in your area.
^{††††} SRI is calculated based on calculated aged solar reflectance as stated in thermal emittance. SRI is calculated using California Energy Commission (CEC) calculator worksheet and it is calculated in accordance with ASTM E1980.
[‡] For as long as you own your home.
[†] Aged solar reflectance calculated based on equation provided in California Energy Code (Title 24, Part 6).
^{†††††} SRI indicates initial thermal emittance.
^{†††††} Owens Corning® SureNail® Technology.
^{†††††} 40-year Limited Warranty on commercial projects.
^{†††††} Algae Resistance available on a regional basis.
^{†††††} International Code Council Evaluation Service Acceptance Criteria for Alternative Asphalt Shingles.
^{†††††} ICC-ES ESR-1318 study.
^{†††††} Underwriters Laboratories Evaluation Service Evaluation Report.
^{†††††} ENERGY STAR® and the ENERGY STAR® mark are registered trademarks of the U.S. Environmental Protection Agency.
^{†††††} SureNail® Technology is proprietary with U.S. and foreign protection including U.S. Patent Nos. 7,026,954; 6,950,748; 6,914,410; 6,940,102; 6,940,103; 6,940,104; 6,940,105; 6,940,106; 6,940,107; 6,940,108; 6,940,109; 6,940,110; 6,940,111; 6,940,112 and other patents pending.
^{†††††} SureNail® Technology is not a guarantee of performance in all weather conditions.
^{†††††} The amount of Triple Layer Protection® may vary on shingles-to-shingles basis.

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www.owenscorning.com/roofing



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 (Compost)

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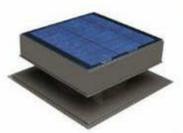
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OWNER:
HAIK CHILLINGARYAN
 ADDRESS:
**3252 N FREDERIC ST.,
 BURBANK, CA 91504**

SPECIFICATIONS

20 WATT REMINGTON SOLAR ATTIC FAN SPECIFICATIONS

20 WATT SPECIFICATIONS

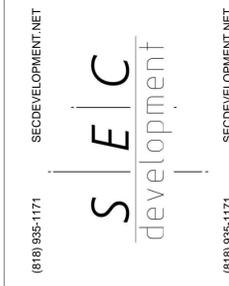


The Remington Solar Ventilation Attic Fan is completely powered by free solar energy. This American-designed fan is designed to reduce attic temperatures and remove destructive moisture, thus making your home more comfortable and reducing the load on your HVAC system and lowering your electricity bills. In the winter, this fan reduces the risk of ice-damming. Our stylish, powder coated steel, 20-watt fan will effectively ventilate up to 1,280 sq./ft. of attic space. This is the least expensive high-quality fan, feature-for-feature, available. Each fan comes with a built-in humidistat and thermostat. Lifetime limited warranty (non-transferable).

- Ready to install, one-hour installation
- Humidistat and thermostat pre-installed in each fan (\$40 value included free)
- High quality polycrystalline solar panel with powerful, yet quiet brushless 24-volt DC motor
- Attractive design with an encased solar panel (panel does NOT tilt. Only our 25-watt fan tilts)
- Powder coated steel housing, steel mesh and poly-vinyl (quiet) blades
- Up to 1,280 CFM
- Unbeatable lifetime warranty and Texas windstorm certified
- Lowest-priced high-quality solar attic fan in the USA
- MFG Model #: SF20-GR
- MFG Part #: SF20-GR

SPECIFICATIONS

Assembled Depth [in.]	12 in	Assembled Height [in.]	18 in
Assembled Width [in.]	18 in	Color Family	Gray
Cut-Out Diameter [in.]	14.5	Finish	Powder-coated steel
Manufacturer Warranty	Life time warranty on parts and defects. Labor is not covered under warranty.	Material	Galvanized Steel
Material	Galvanized Steel	Maximum Air Flow Capacity (CFM)	1280
Power Type	Solar	Product Depth [in.]	12
Product Height [in.]	18	Product Weight [lb.]	29
Product Width [in.]	18	Returnable	90-Day
Ventilation Type	Roof	Voltage (volts)	24
Wattage (watts)	20	Wildlife Guard	Yes



PROJECT INFO	
JOB NUMBER:	18122
DATE DRAWN:	1/29/22
DRAWN BY:	S.T.
CHECKED BY:	V.K.
SCALE:	N.T.S.