1. STRUCTURE SHOULD MEET DESIGN CRITERIA OF SEC. R301.2(1) OF 140 MILE PER HOUR BASIC WIND SPEEDS.

2. ATTACHED GARAGES SHOULD HAVE 5/8" FIRECODE GYPSUM BOARD ON ALL COMMON WALLS AND CEILINGS.

3. ESCAPE/RESCUE WINDOM FROM SLEEPING AREAS SHALL HAVE A MINIMUM OF 5.1 SQ.FT. CLEAR NET OPENING AND A MINIMUM CLEAR OPENING HEIGHT OF 24" AND A MINIMUM CLEAR OPENING WIDTH OF 20". FINISHED SILL HEIGHT SHALL BE A MAXIMUM OF 44" ABOVE THE FLOOR.

4. GLAZING IN HAZARDOUS LOCATIONS SHALL COMPLY WITH SEC. R308.4 OF THE 2015 I.R.C.

5. CONTRACTOR IS TO PROVIDE STEEL LINTELS ABOVE WALL OPENINGS WITH BRICK ABOVE.

6. ONE-HOUR RATED GYPSUM BOARD IS TO BE USED UNDER STAIRS.

8. ELECTRICAL CONTRACTOR IS TO LOCATE 110V OUTLET WITHIN 25'-0" OF THE A/C COMPRESSOR (GFI IF NOT IN SOFFIT).

9. SMOKE DETECTORS SHALL BE INSTALLED AS SPEC. IN SEC. R314. ALL SMOKE DETECTORS ARE TO BE HARD WIRED IN SERIES  $\omega$ / A BATTERY BACKUP AS SPEC. IN SEC. R314.4 OF 2015 I.R.C.

10. FIREPLACE CHIMNEY IS TO BE 2'-0" HIGHER THAN ANY STRUCTURE WITHIN 10'-0".

11. FIREPLACE STACK HEIGHT WILL CONFORM TO SEC. R1003.9 OF THE 2015 I.R.C.

12. FIREPLACE HEARTH IS NOT TO BE LESS THAN 20" WIDE AND SHALL EXTEND 12" BEYOND EACH SIDE OF THE OPENING.

13. PREFAB FIREPLACES ARE TO BE ICBO APPROVED. THE MANUFACTURER'S MANUAL IS TO BE PROVIDED TO THE FIELD INSPECTOR.

14. PULL DOWN STAIRS ARE TO COMPLY WISEC. R807 AND AMENDED M1305.1.3 OF THE 2015 I.R.C.

15. FINISH FLOOR HEIGHT IS NOT TO BE LESS THAN 12" ABOVE THE NEAREST MANHOLE COVER. 16. WIRE MESH SPARK ARRESTOR OPENINGS ARE NOT TO EXCEED  $\frac{1}{2}$ " SQUARE.

17. GUARD AND HANDRAILS ARE TO HAVE A MINIMUM OF 200 lbs. PER FOOT LIVE LOAD UNIFORMLY DISTRIBUTED, AS SPEC. IN SEC R301.5 OF THE 2015 I.R.C.

18. HANDRAILS TO HAVE A CROSS-SECTION OF 1-1/2" TO 2".

19. HANDRAIL HEIGHT TO BE A MINIMUM OF 34" AND A MAXIMUM OF 38".

22. WIND SPEED 139 MPH WITH 3 SECOND GUST EXPOSURE B. USE SIMPSON ANCHORS FOR CONNECTIONS H2.5 FOUNDATION AND RAFTERS TO STUD WALL CONTINUOUS METAL STRAPS TOP PLATE TO STUDS ON ALL REENTRANT CORNERS.

1. THE LOCATIONS SPECIFIED IN SECTIONS R308.4.1 THROUGH R308.4.7 OF THE 2015 I.R.C. SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING.

2. SECTION R308.4.1 GLAZING INSIDE HINGED DOORS EXCEPT JALOUSIES.

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

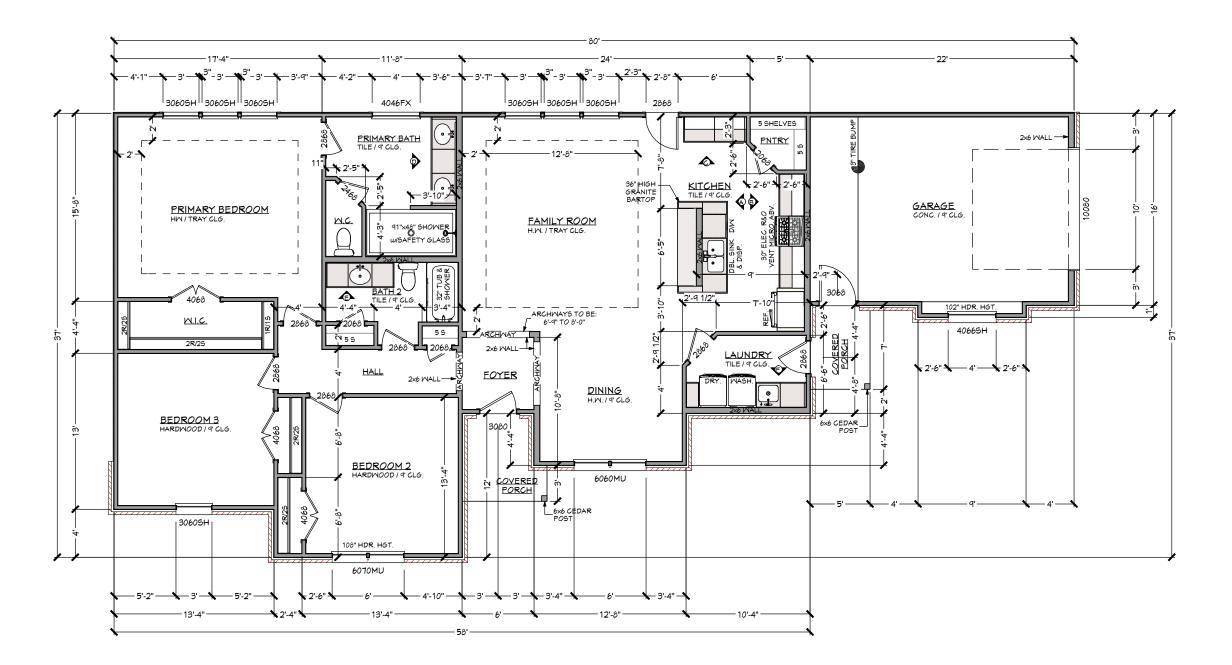
4. GLAZING IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 60-INCHES OF THE TOP AND BOTTOM OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60-INCHES ABOVE THE WALKING SURFACE.

THE ATTIC ACCESS STAIRWAY SHALL COMPLY MITH SECTION M1305.1.3 AND R302.6 AS AMENDED BY THE CITY OF HOUSTON. THE REQUIREMENTS HAVE BEEN REVISED AS SUCH. OPENINGS IN GARAGE WALLS SHALL COMPLY MITH SECTION R302.5. ATTIC DISAPPEARING STAIRS SHALL BE PERMITTED TO BE INSTALLED IN THE GARAGE CEILING PROVIDED THE EXPOSED PANEL IS NOT LESS THAN 30" THICK FIRE-RETARDANT-TREATED PLYWOOD OR COVERED WITH A MINIMUM 16 GAGE SHEET METAL.

ATTICS CONTAINING APPLIANCES REQUIRING ACCESS SHALL BE PROVIDED WITH A PULL DOWN STARWAY MITH A CLEAR OPENING NOT LESS THAN 22-INCHES IN WIDTH BETWEEN THE HARDWARE AND A LOAD CAPACITY OF NOT LESS THAN 350-POUNDS. AN OPENING AND A CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30-INCHES HIGH AND 30-INCHES WIDE, AND NOT MORE THAN 20-PEET IN LENGTH WHEN MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE.

THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24-INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30-INCHES DEEP AND 30-INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 30-INCHES BY 34-INCHES WHERE SUCH DIMENSIONS ARE LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.

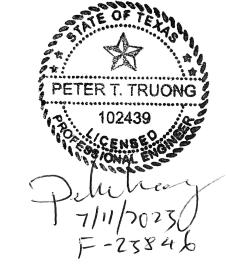
OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLD WOOD DOORS NOT LESS THAN 1-3/8" (35 mm) IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1-3/8" (35 mm) THICK, OR 20-MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF-CLOSING DEVICE. R302.5.1



SQUARE FOOTAGES	
LIVING AREA FRONT PORCH GARAGE	1,800 SQ. FT. 84 SQ. FT. 361 SQ. FT.
TOTAL COVERAGE	2.245 SQ. FT.

PLATE HEIGHT 9' 1-1/8"

NOTE: ALL MINDOMS TO BE AT T-8" HEADER HEIGHT UNLESS NOTED OTHERMISE ALL DOORS TO BE AT & 2-1/2" HEADER HEIGHT UNLESS NOTED OTHERWISE



PLAN FLOOR

TEXA PRIE TON, 7419 I HOUS SS 0

OJECT DESCRIPTION:

CORONADO FAR

RESIDENCE

DATE:

7/10/2023

SCALE: 1/8" = 1'-0'

E1 ELECTRICAL INSTALLATION TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NFPA-70.

E2 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED ELECTRICAL PERMITS AND INSPECTIONS.

E3 CONVENIENCE RECEPTACLES SHALL BE MOUNTED @ 12" A.F.F. UNLESS NOTED OTHERWISE.

E4 EXTERIOR RECEPTACLES TO BE GFI AND WEATHER PROTECTED.

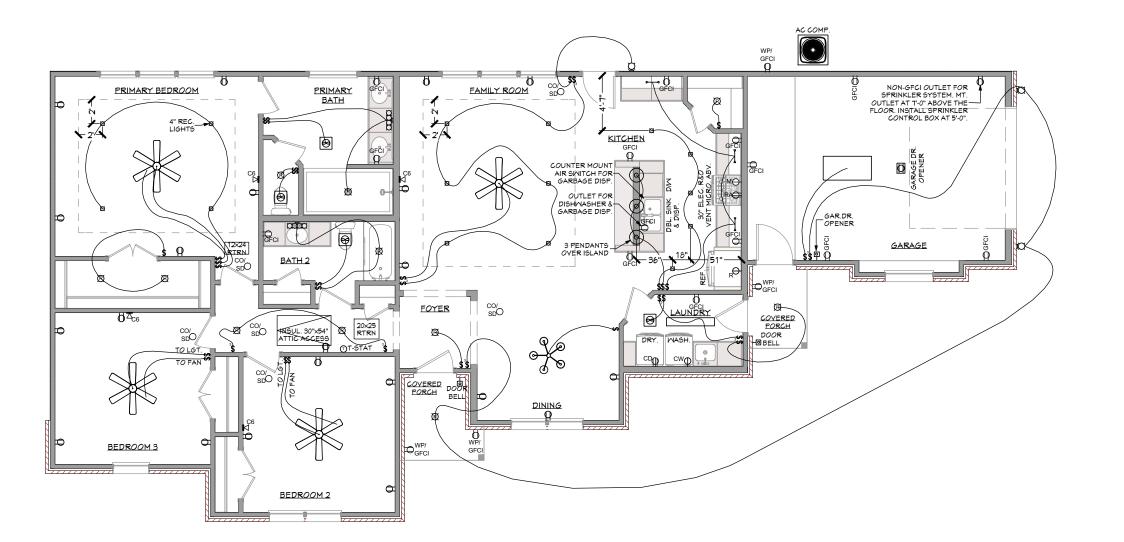
E5 SWITCHES TO BE MOUNTED @ 54" A.F.F.

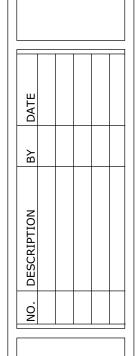
E6 PROVIDE PLYMD. PAD IN ATTIC FOR WIH AND HVAC UNIT(S) W REQUIRED ELECTRICAL, MECH. & PLUMB.
E1 PROVIDE 110V OUTLET AND LIGHT NEAR HVAC UNIT FOR SERVICE. IF LOCATION REQUIRES, PROVIDE
TWO LIGHTS ONE AT UNIT AND ONE AT ACCESS OPENING, ON ONE SWITCH.

E) CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AS SPEC. IN SEC. R315. ALL SMOKE ALARMS SHALL BE INTERCONNECTED SO THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OTHERS.

E9. ELECTRICIAN TO PROVIDE WATER PROOF GFI OUTLET WITHIN 25' OF A/C CONDENSER UNIT.

ELEC	ELECTRICAL - DATA - AUDIO LEGEND							
SYMBOL	DESCRIPTION							
$\nearrow$	Ceiling Fan							
€ €	Ventilation Fans: Ceiling Mounted, Wall Mounted							
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage							
ā	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce							
<b>(</b>	Chandelier Light Fixture							
	Fluorescent Light Fixture							
Φ	240V Receptacle							
P ™P °F°P	110V Receptacles: Duplex, Weather Proof, GFCI							
\$ "\$ 3\$ \$	Switches: Single Pole, Weather Proof, 3-Way, 4-Way							
<sup>™</sup> \$ <sup>™</sup> \$	Switches: Dimmer, Timer							
AV Control A	Audio Video: Control Panel, Switch							
SP SP	Speakers: Ceiling Mounted, Wall Mounted							
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable							
区	Telephone Jack							
ඕ	Intercom							
Φ	Thermostat							
□ 甲	Door Chime, Door Bell Button							
	Smoke Detectors: Ceiling Mounted, Wall Mounted							
EP	Electrical Breaker Panel							





HEET TITLE:
ELECTRICAL PLAN

7419 DE PRIEST ST HOUSTON, TEXAS

FAMILY PRINCE

ROJECT DESCRIPTION:

CORONADO FAN

RESIDENCE

DATE:

7/10/2023

SCALE:

PETER T. TRUONG

1/8" = 1'-0'

SHEET:

USE	LIYE LOAD
UNINHABITABLE ATTICS INIO STORAGE (b)	10
UNINHABITABLE ATTICS WITH LTD STORAGE(b,q)	20
HABITABLE ATTICS AND ATTICS SERVED W/ FIXED STAIRS	30
BALCONIES (EXT.) AND DECKS(e)	40
FIRE ESCAPES	40
GUARDRAILS AND HANDRAILS(d)	200(h)
GUARDRAILS IN-FILL COMPONENTS(f)	50(h)
PASSENGER VEHICLE GARAGES(a)	50(a)
ROOMS OTHER THAN SLEEPING ROOMS	40
SLEEPING ROOMS	30
STAIRS 40(c)	

a. Elevated garage floors shall be capable of supporting a 2,000-pound load applied over a 20-square-inch area.

b. Uninhabitable attics without storage are those where the maximum clear height between joists and rafters is less than 42 inches, or where there are not two or more adjacent trusses with useb configurations capable of accomodating an assumed rectangle 42 inches high by 24 inches in width, or greater, within the plane of the trusses. This live load need not be assumed to act concurrently with any other live load requirements.

c. Individual stair treads shall be designed for the uniformly distributed live load or a 300-pound concentrated load acting over an area of 4 square inches, whichever produces the greater stresses.

d. A single concentrated load applied in any direction at any point along the top.

e. See Section R502.2 for decks attached to exterior walls.

f. Guard in-fill components (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds on an area equal to 1 square foot. This load need not be assumed to act concurrently with any other live load requirement.

g. Uninhabitable attics with limited storage are those where the maximum clear height between joists and rafters is 42 inches or greater, or where there are two or more adjacent trusses with web configurations capable of accomodating an assumed rectangle 42 inches in height by 24 inches in width, or greater, within the plane of the trusses.

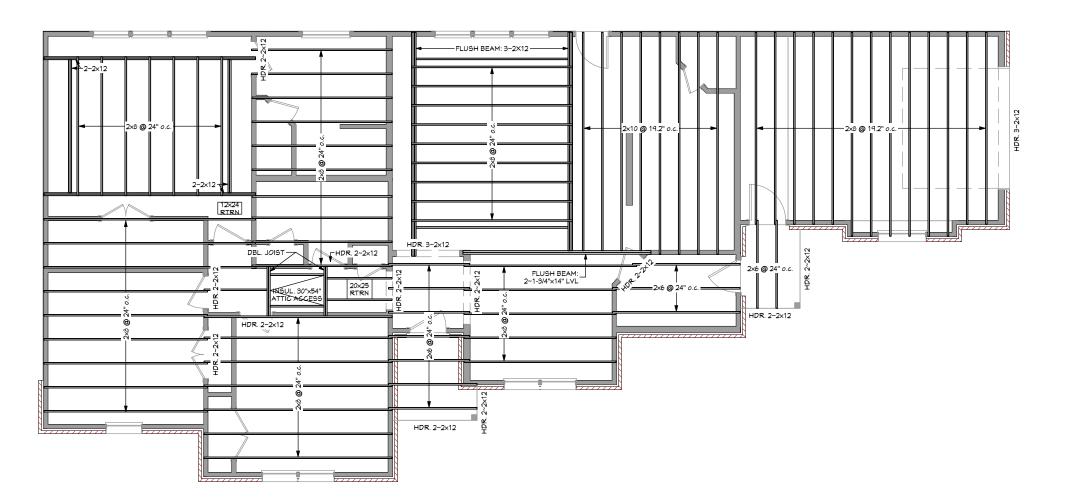
The live load need only be applied to those portions of the joists or truss bottom chords where all of the following conditions are met:

The attic area is accessible from an opening not less than 20 inces in width by 30 inches in length that is located where the clear height in the attic is a minimum of 30 inches.

2. The slopes of the joists or truss bottom chords are no greater than 2 inches vertical to 12 units horizontal. 3. Required insulation depth is less than the joist or truss bottom chord member depth.

The remaining portions of the joists or truss bottom chords shall be designed for a uniformly distributed concurrent live load of not less than 10 lb/ft sqaured.

h. Glazing used in handrall assemblies and guards shall be designed with a safety factor of 4. The safety factor shall be applied to each of the concentrated loads applied to the top of the rail, and to the load on the in-fill components. These loads shall be determined independent of one another, and loads are assumed not to occur with any other live load.



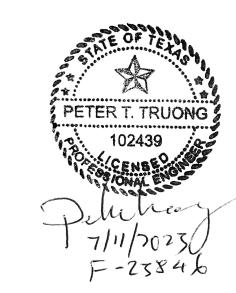


PLATE HEIGHT 9' 1-1/8"

NOTE:
ALL CEILING JOISTS TO BE 2x8s no.2 S.Y.P. @24" o.c.
UNLESS NOTED OTHERWISE
BLOCKING AT ALL SPANS OVER 10"-0"
ALL HEADERS TO BE 2-2x12s no.2 S.Y.P.
UNLESS NOTED OTHERWISE

CEILING FRAMING

ST PRIEST N, TEXAS 7419 DE PR HOUSTON, <sup>7</sup>

OJECT DESCRIPTION:

CORONADO FAR

RESIDENCE

DATE:

7/10/2023

SCALE: 1/8" = 1'-0'

1. CONSTRUCTION, PROJECTIONS, OPENINGS, AND PENETRATIONS OF EXTERIOR WALLS OF DWELLINGS AND ACCESSORY BUILDINGS SHALL COMPLY WITH TABLE R302.1(1); OR DWELLINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION P2404 SHALL COMPLY WITH R302.1(2), PROJECTIONS SHALL NOT EXTEND BEYOND A POINT ONE-THIRD THE DISTANCE INTO AREAS WHERE OPENINGS ARE PROHIBITED.

EXTERIOR	IALL ELEMENT	MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
MALLS	FIRE-RESISTANCE RATED	FIRE-RESISTANCE RATED  1 HR-TESTED IN ACCORDANCE WITH STME E 119 OR UL 261 WEXPOSURE FROM BOTH SIDES	
	NOT FIRE-RESISTANCE RATED	0 HOURS	≥ 5 FEET
PROJECTIONS	NOT ALLOWED	N/A	< 2 FEET
	FIRE-RESISTANCE RATED	1 HOUR ON THE UNDERSIDE a,b	≥ 2 FEET TO < 5 FEET
	NOT FIRE-RESISTANCE RATED	0 HOURS	≥ 5 FEET
OPENINGS IN	NOT ALLOWED	N/A	< 3 FEET
MALLS	25% OF MAXIMUM WALL AREA	0 HOURS	3 FEET
	NOT FIRE-RESISTANCE RATED	0 HOURS	5 FEET
PENETRATIONS	ALL	COMPLY WITH SECTION R302.4	< 3 FEET
		NONE REQUIRED	3 FEET

FOR SI: 1 FOOT = 304.88 mm.

N/A = NOT APPLICABLE

a. ROOF EAVE FIRE-RESISTANCE RATING SHALL BE PERMITTED TO BE REDUCED TO 0 HOURS ON THE UNDERSIDE OF THE EAVE IF FIREBLOCKING IS PROVIDED FROM THE WALL TOP PLATE TO THE UNDERSIDE OF THE ROOF SHEATHING.

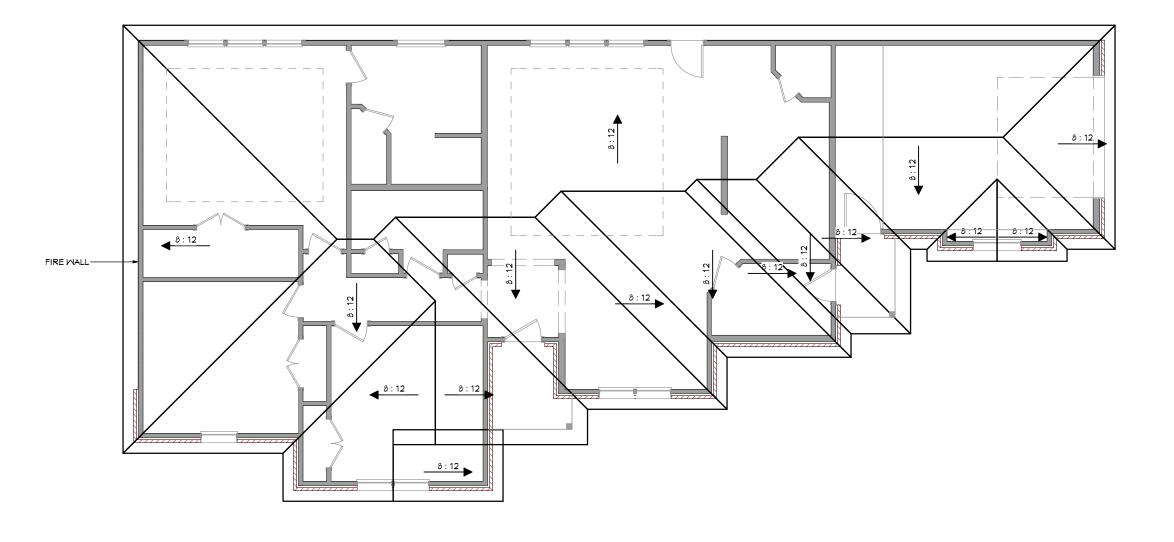
b. ROOF EAVE FIRE-RESISTANCE RATING SHALL BE PERMITTED TO BE REDUCED TO 0 HOURS ON THE UNDERSIDE OF THE EAVE PROVIDED THAT THE GABLE VENT OPENINGS ARE NOT INSTALLED.

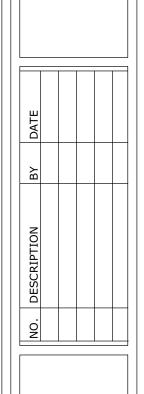
3D EXTERIOR ELEVATION	NUMBER	MIND LABEL	OTY	CHEDULE	- IWIDTH	HEIGHT	TOP	DESCRIPTION
		3060SH		30605H				SINGLE HUNG
	M02	4046FX	1	4046FX	48 "	54 "	92"	FIXED GLASS
	M03	40665H	1	40665H	48 "	78 "	102"	SINGLE HUNG-AT
	M04	6060MU	1	6060	72 "	72 "	<b>92</b> "	MULLED UNIT
	M05	6070MU	1	6070	72 "	84 "	108"	MULLED UNIT

	DOOR SCHEDULE							
NUMBER	LABEL	QTY	SIZE	MIDTH	HEIGHT	DESCRIPTION		
D01	10080	1	10080	120 "	96 "	GARAGE-GARAGE DOOR CHD05		
D02	2068	2	2068 L IN	24 "	80 "	HINGED-DOOR P04		
D03	2068	1	2068 R IN	24 "	80 "	HINGED-DOOR P04		
D04	2468	1	2468 L IN	28 "	80 "	HINGED-DOOR P04		
D05	2868	1	2868 L EX	32 "	80 "	EXT. HINGED-GLASS PANEL		
D06	2868	2	2868 L IN	32 "	80 "	HINGED-DOOR P04		
D07	2868	1	2868 R EX	32 "	80 "	EXT. HINGED-DOOR P04		
D08	2868	4	2868 R IN	32 "	80 "	HINGED-DOOR P04		
D09	3068	1	3068 L EX	36 "	80 "	EXT. HINGED-DOOR P04		
D10	3080	1	3080 L EX	36 "	96 "	EXT. HINGED-DOOR E21		
D11	4068	3	4068 L/R IN	48 "	80 "	DOUBLE HINGED-DOOR P04		

PLATE HEIGHT 9' 1-1/8"

> NOTE: ROOF PITCH TO BE 8/12 OVERHANGS TO BE 12" IX2 SHADOM BOARD OVER X8 FASCIA VENTED SOFFIT





ROOF PLAN

) MEET 111 LE: D(

7419 DE PRIEST ST HOUSTON, TEXAS

CORONADO FAMILY
RESIDENCE

DATE:

DATE:

7/10/2023 SCALE:

PETER T. TRUONG

1/8" = 1'-0'

SHEET:

ROOF FRAMING/SHEATHING NOTES

ALL RAFTERS TO BE 2x6s no.2 5.Y.P. @ 19.2" o.c.
TAPER RAFTER TAILS TO 4" AT END.

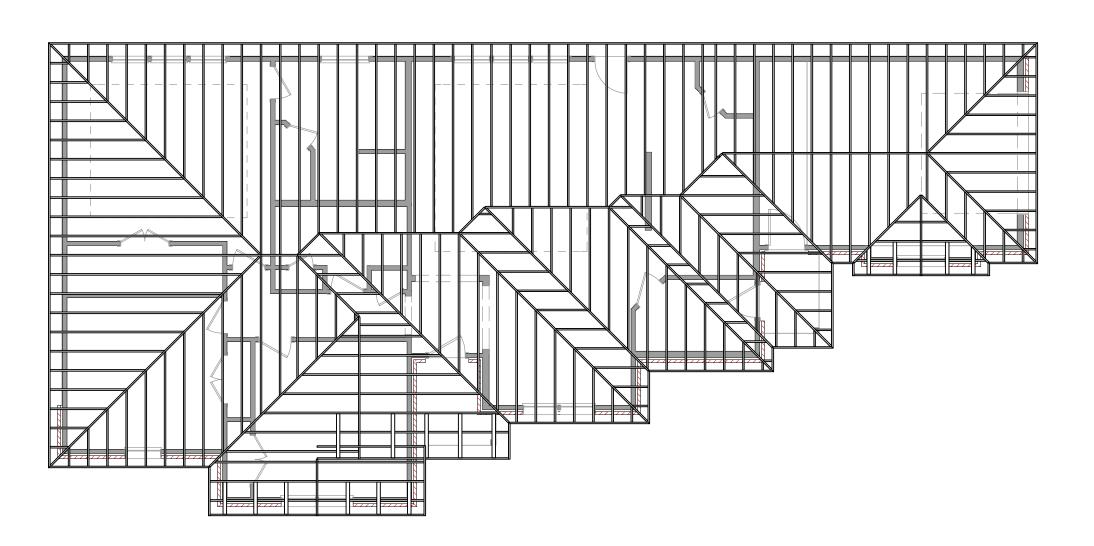
ALL RIDGES AND VALLEYS TO BE 2X6s no.2 5.Y.P.

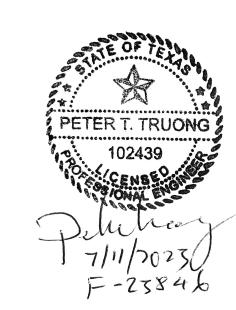
OUTLOOKERS, WHERE REQUIRED, TO BE 2x6s @ 24" o.c. LAID ON END & EXTEND MIN. 2 RAFTER BAYS

ATTACHED WITH SIMPSON ANCHORS

UNLESS NOTED OTHERWISE

MAX FREE SPAN 10'-0"





NO. DESCRIPTION BY DATE

ROOF FRAMING
PLAN

7419 DE PRIEST ST HOUSTON, TEXAS

CORONADO FAMILY
RESIDENCE

DATE:

DATE:

7/10/2023 SCALE:

1/8" = 1'-0'

SHEET:

A. REINFORCED CONCRETE SHALL CONFORM TO APPLICABLE REQUIREMENTS OF THE 2015 I.R.C. AND ALL LOCAL CITY OR COUNTY GUIDELINES.

B. ALL CONCRETE USED IN FOUNDATIONS AND SLABS ON GRADE SHALL HAVE A 20 DAY COMPREHENSIVE STRENGTH OF NOT LESS THAN 3000 PSI.

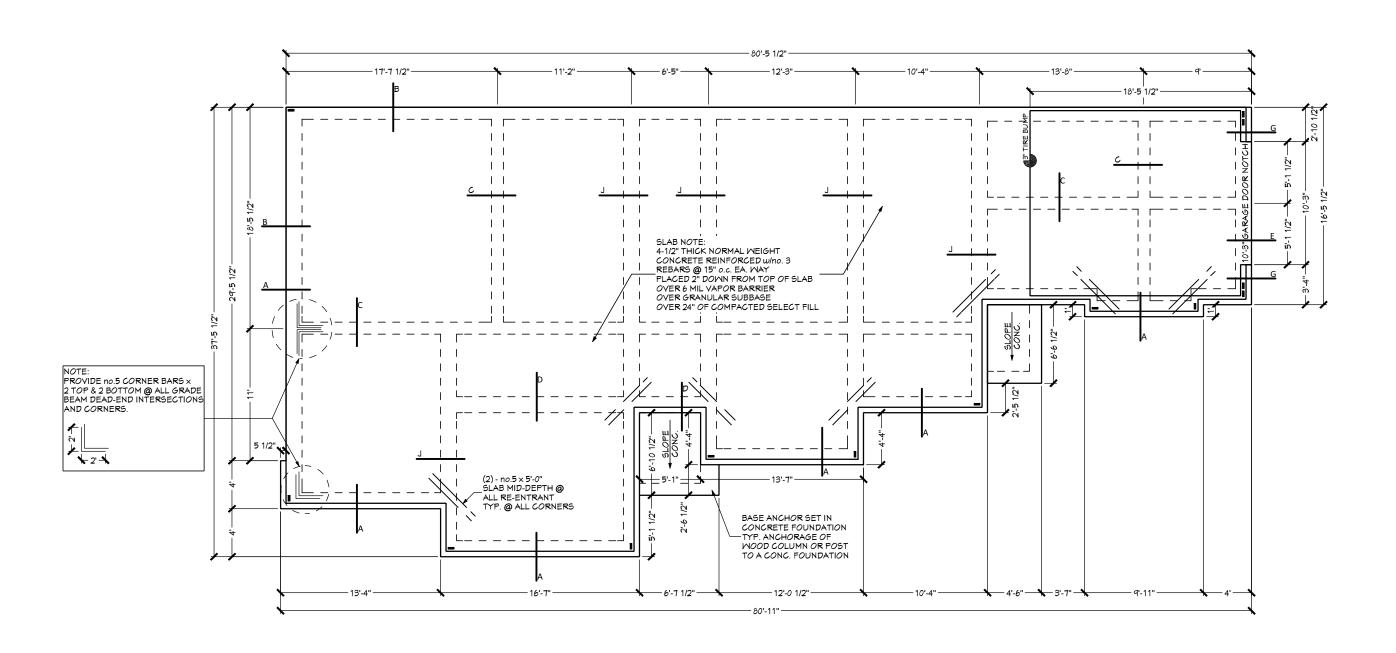
C. THE MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.

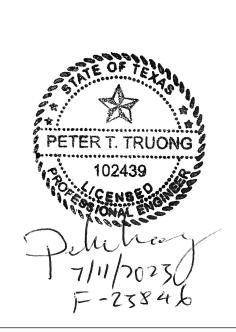
D. PROVIDE CONTROL JOINTS IN ALL EXPOSED SLABS ON GRADE. THE MAXIMUM SPACING OF CONTROL JOINTS SHALL BE  $200^\circ$  O.C. (U.N.O.).

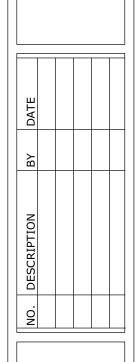
E. A CIVIL ENGINEER SHOULD BE CONSULTED TO VERIFY FOUNDATION PLANS AND DETAILS EVEN IF FOUNDATION PLAN AND DETAILS MEET AND EXCEED MOST HOUSTON AREA GUIDELINES AND CODES. EXTREME SOIL CONDITIONS MAY REQUIRE A CIVIL ENGINEER.

TABLE R401.4.1 PRESUMPTIVE LOAD-BEARING VALUES OF FOUNDATION MATERIALS	
CLASS OF MATERIAL	LOAD BEARING PRESSURE (lb/sqft) (a)
CRYSTALLINE BEDROCK	12,00
SEDIMENTARY AND FOLIATED ROCK	4,00
SANDY GRAVEL AND/OR GRAVEL (GW AND GP)	3,00
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL, AND CLAYEY GRAVEL (SW, SP, SM, SC, GM, and GC)	2,00
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT, AND SANDY SILT (CL, ML, MH, and CH)	1,500 (t
For SI: 1 pound per square foot = 0.0479  a. When soil tests are required by section R401.4, the allowable bearing capacit	ios of the sail
shall be part of the recommendations.	ies of the soil
<li>b. Where the building official determines that in-pace soils with an allowable bear less than 1,500 psf are likely to be present at the site, the allowable bearing caps determined by a soil investigation.</li>	

■ SIMPSON STHD14 STRAP TIE HOLD DOWN OR EQUIVALENT ALL EXTERIOR PLATES SHALL BE ANCHORED TO THE SLAB USING CAST IN PLACE L-BOLTS 1/2" x 10" @ 4'-0" o.c. SIMPSON MASA MUD SILL ANCHORS MAY BE USED IN LIEU OF 1/2" L-BOLTS.







PLAN TITLE: FOUNDATION

ST PRIEST N, TEXAS 7419 DE PF HOUSTON, <sup>7</sup>

CORONADO FAR RESIDENCE

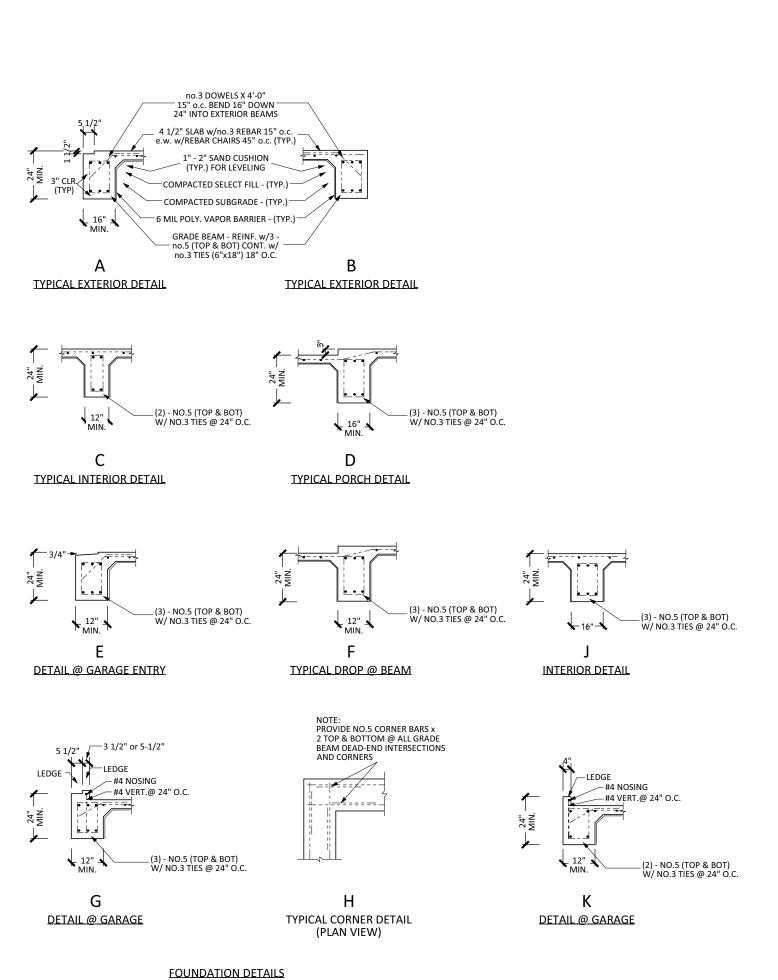
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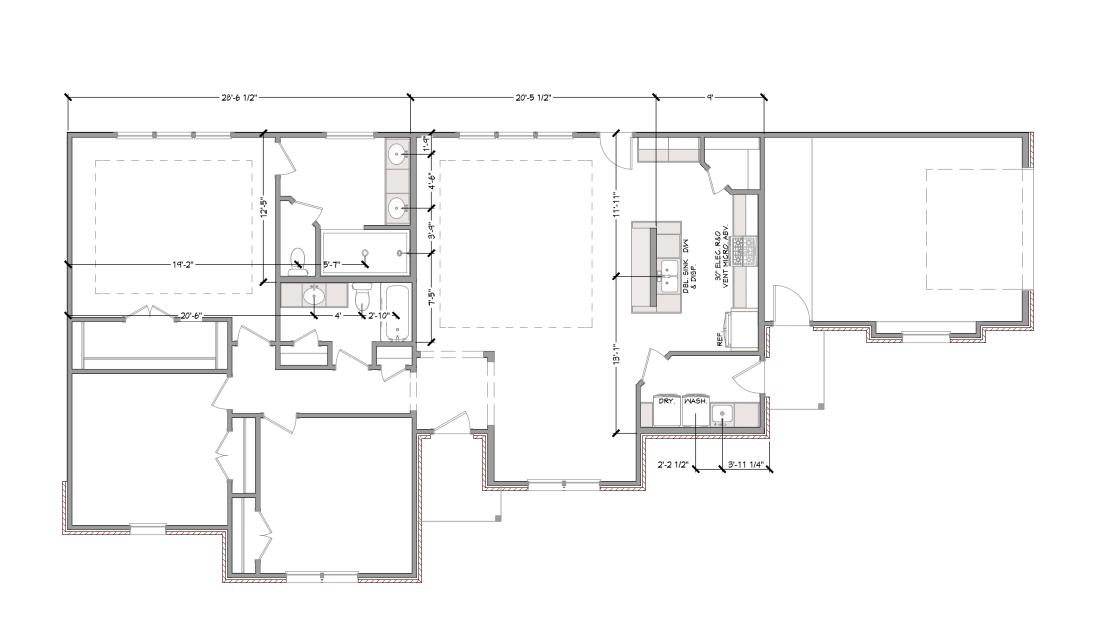
7/10/2023

SCALE:

1/8" = 1'-0'

SHEET:





SHEET TITLE:
FOUNDATION
PLUMBING NOTES

IEST ST FC
EXAS PLUN

PROJECT ADDRESS:
7419 DE PRIEST ST
HOUSTON, TEXAS

PROJECT DESCRIPTION:

CORONADO FAMILY

RESIDENCE

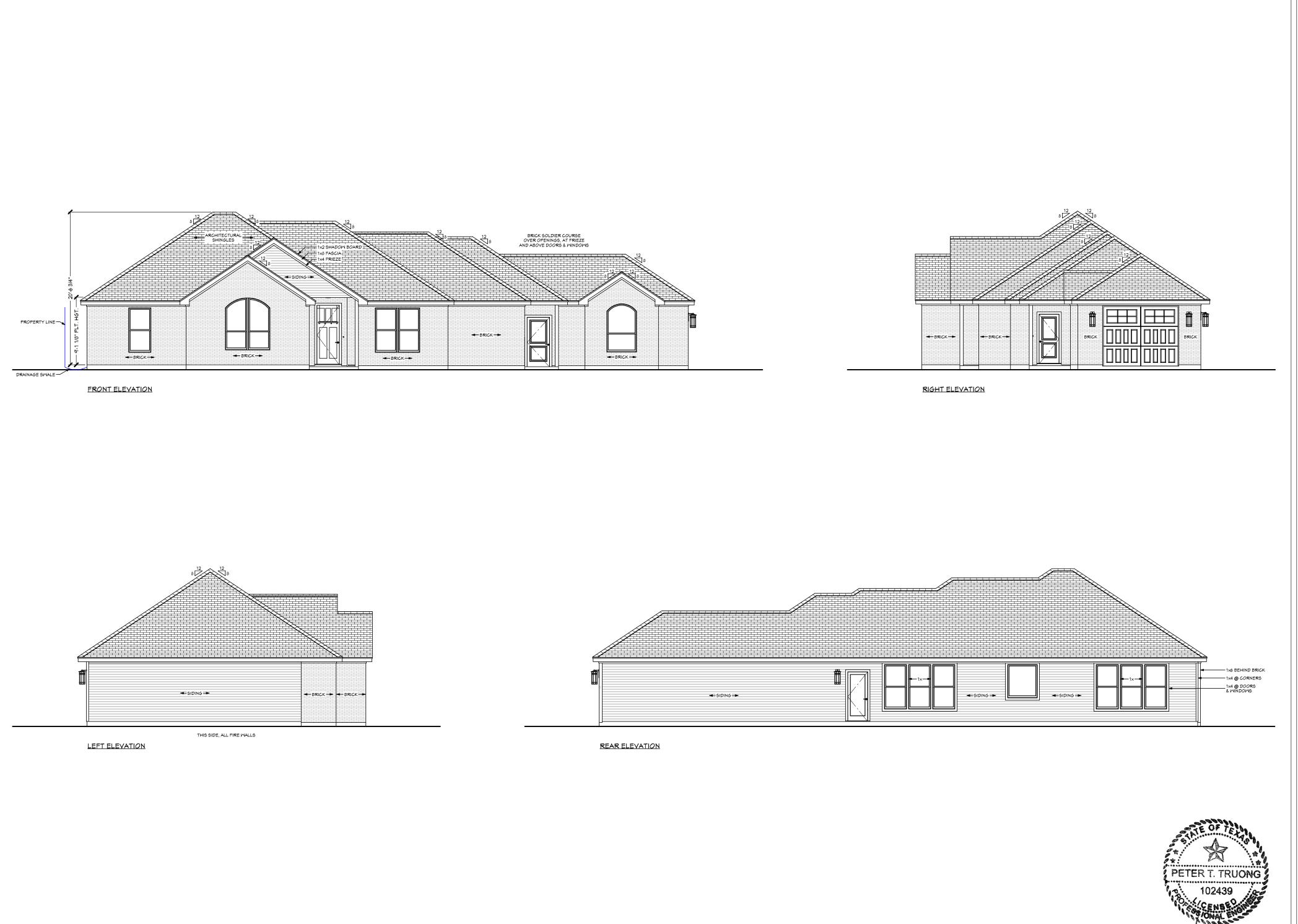
DATE:

7/10/2023

PETER T. TRUONG

SCALE: 1/8" = 1'-0'

SHEET:



NO. DESCRIPTION BY DATE

EXTERIOR ELEVATIONS

7419 DE PRIEST ST HOUSTON, TEXAS

CORONADO FAMILY
RESIDENCE

DATE:

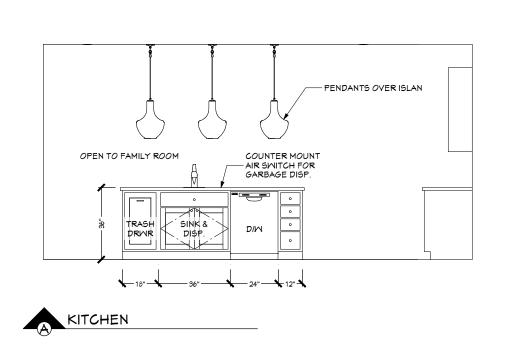
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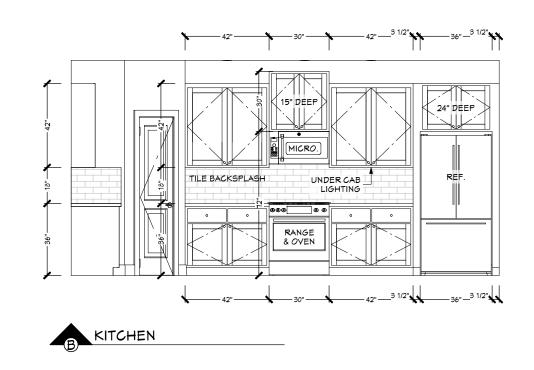
7/10/2023

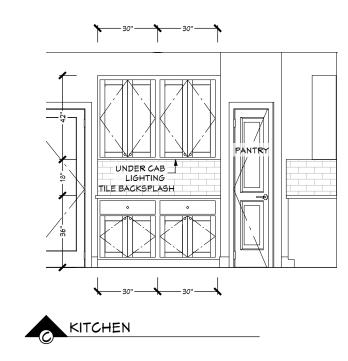
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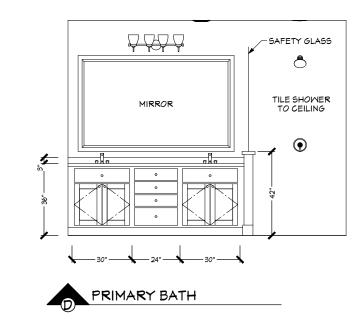
1/8" = 1'-0'

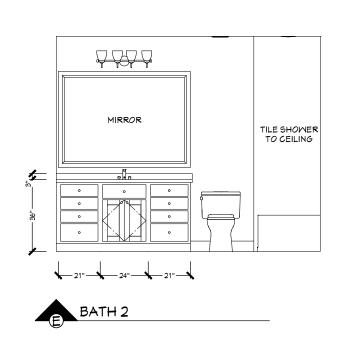
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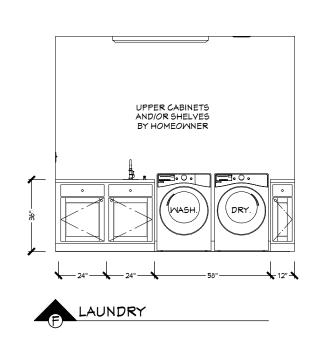














INTERIOR

7419 DE PRIEST 9 HOUSTON, TEXAS

ST

CORONADO FAMILY
RESIDENCE

DATE:

7/10/2023

SCALE:

1/4" = 1'-0'

SHEET:

S

7/10/2023

SCALE:

1/4" = 1'-0'

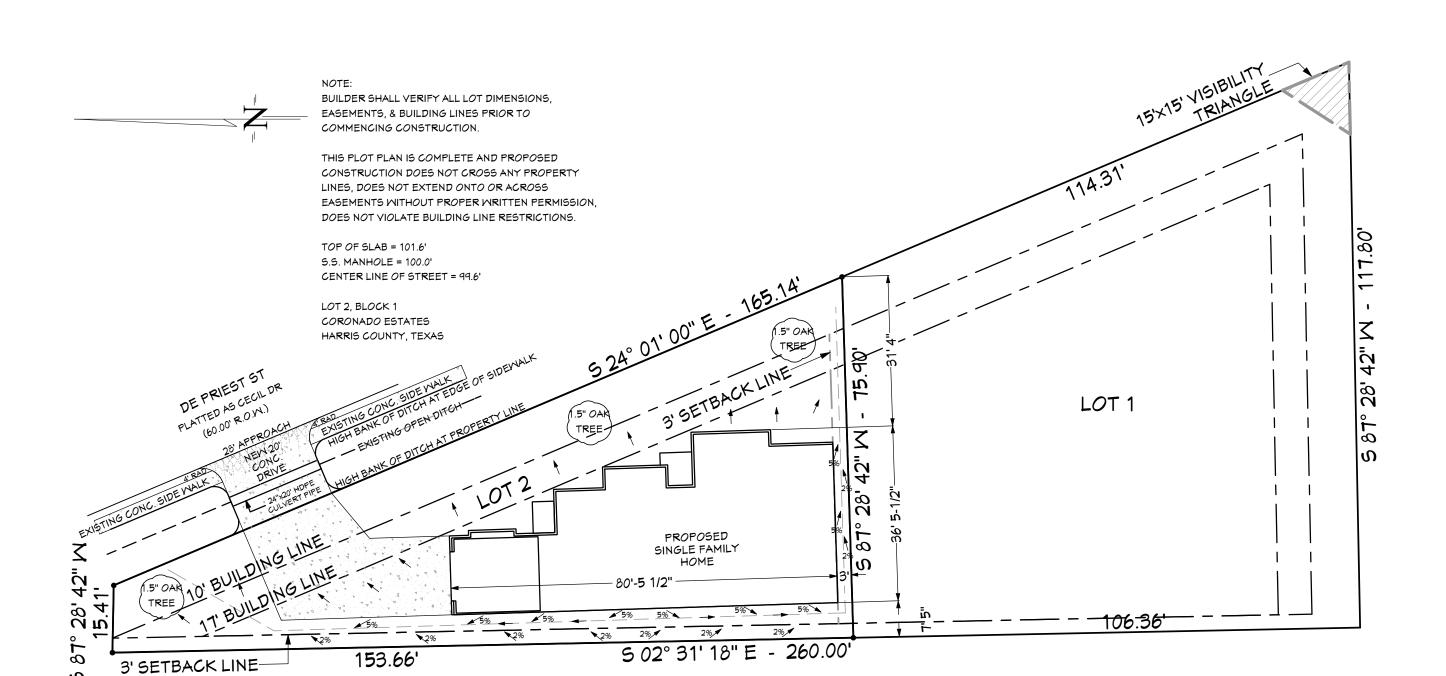
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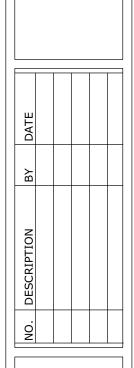
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26 GA. FLASHING AT ALL VALLEYS FOR PROVIDE RAFTER TIES WHERE CLG. JOISTS ARE RIDGE TO BE ON SIZE LARGER THAN RAFTERS. PIPES PROJECTING THRU ROOF, 2x6 @ 24"o.c. no.2 S.Y.P. MUST BE BRACED @ 8'-6" 9'/10' PLATE HEIGHT THROUGHOUT w/ **EXTENDED FLANGE BEYOND SLEEVE 18"** 2x8 @ 24"o.c. no.2 S.Y.P. MUST BE BRACED @ 10'-10" VALLEY AND HIP RAFTERS TO BE ONE SIZE NOT PARALLEL. PONY WALLS ABOVE TO HEIGHTS PROVIDE GOOD ATTIC VENTILATION LARGER THAN RAFTERS. SPECIFIED ON PLANS. (NO BALLON FRAMING) PURLINS TO BE CONTINUOUS AND SAME SIZE AS SUPPORTED RAFTERS. MAX SPAN OF 2x4 PURLINS IS 4'/MAX SPAN OF 2x6 PURLINS IS 6' SEE SPCS. OR ELEV. FOR ROOF MATERIAL **COMPOSITION SHINGLES** (SEE SPECS FOR WEIGHT) 15 lb. FELT BASE BAFFLE w/1" MIN. AIR SPACE 2x6's @ 48"o.c. @ UPPER 1/3 OF RAFTERS 1/2" CDX PLYWOOD OR WAFERBOARD \_2-2x4 TOP PLATE SHEATHING W/EXTERIOR GLUE APA RATED INTERLOCK @ CORNERS AND INTERSECTIONS 2x4 STRUTS @ 60"o.c. TO BEARING WALLS OR \_\_) 45 deg. MIN **RAFTERS** SIDING FLUSH BEAM w/ JOIST HANGERS TYVEK OR SIMILAR VAPOR BARRIER \_R-38 INSULATION IN \_2x4 STUDS @ 16"o.c. 2x6 STRONGBACK ALL ATTIC AREAS. SECOND FLOOR @ ALL SPANS OVER 10'-0" CEILING JOIST SECTION R316 R316.1 SEE FRAMING PLAN FIRE BLOCKING SHALL BE PROVIDED IN WOOD-FRAME INSULATION MATERIALS, INCLUDING FACINGS, SUCH AS DOUBLE STUDS R-13 INSULATION IN ALL VAPOR RETARDERS OR VAPOR PERMEABLE MEMBRANES CONSTRUCTION IN THE FOLLOWING AREAS: @ OPENINGS 2x4 EXTERIOR WALLS. INSTALLED WITHIN FLOOR-CEILING ASSEMBLIES, ROOF-UNDER 6'-0" R-19 INSULATION IN ALL IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS CEILING ASSEMBLIES, WALL ASSEMBLIES, CRAWL SPACES TRIPLE STUDS 2x6 EXTERIOR WALLS. INCLUDING FURRED SPACES AND PARALLEL ROWS OF AND ATTICS SHALL HAVE A FLAME-SPREAD INDEX NOT TO @ OPENINGS 3/4" PLYWD (T&G)\_ STUDS; AS FOLLOWS: VERTICALLY AT THE CEILING AND EXCEED 25 WITH AN ACCOMPANYING SMOKE-DEVELOPED BLOCKING @ ALL \_DBL. FLOOR JOISTS UNDER PARALLEL PARTITIONS OVER 6'-0" GLUE AND NAIL INDEX NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH ASTM E 84. FLOOR LEVELS. HORIZONTALLY AT INTERVALS NOT SPANS OVER 10'-0" FACE BRICK -EXCEEDING 10 FT. AT ALL INTERCONNECTIONS BETWEEN CONCEALED **▼**FLOOR JOISTS/SEE FRAMING PLANS VERTICAAL AND HORIZONTAL SPACES SUCH AS OCCUR AT MASONRY WALL TIES EVERY SOFFITS DROP CEILINGS AND COVE CEILINGS. 24" HORIZ. AND 18" VERT. SECTION R315 R315.1 TOOL AS REQ'D WALL AND CEILING FINISHES SHALL HAVE A FLAME-HEADER IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE ✓1x12 SHELF SPREAD CLASSIFICATION OF NOT GREATED THAN 200. STUDS w/ TOP AND BOTTOM OF THE RUN. ENCLOSED SPACES CRIPPLE @ ALL OPENINGS UNDER STAIRS SHALL COMPLY WITTH SECTION R311.2.2. AIR SPACE APPLY APPROVED SHEATHING OR DBL CRIPPLE 1/2" CDX PLYWOOD OR OSB BRACE EXTERIOR WALLS WITH 1x4 AT OPENINGS AROUND VENTS, PIPES, AND DUCTS AT CEILING AND FLOOR LEVEL, WITH AN APPROVED `ROD @ OPENINGS APA RATED SHEATHING. BRACES LET INTO STUDS AND PLATES OVER 6'-0" AND EXTENDING FROM BOTTOM MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND \_ 2x4 STUDS @ 16"o.c. PLATE TO TOP PLATE, OR OTHER PRODUCTS OF COMBUSTION. FIRST FLOOR FLAT 2x4 APPROVED METAL STRAP DEVICES SILL -FULL BATT INSULATION 3 1/2" THICK \_R-13. R-30 INSULATION IN ALL INSTALLED IN ACCORDANCE WITH THE 2x4 STUDS FOR THE FIREBLOCKING OF CHIMNEYS AND FIREPLACES, MANUF. SPECIFICATIONS. RE. SEC. SEE SECTION R1003.19. POLY. BASE W.P. @ SILL AND R602.10 CRAWL SPACE FOUNDATION 12" UP WALL. ALSO @ FIREBLOCKING OF CORNICES OF A TWO-FAMILY DWELLING IS REQUIRED AT THE LINE OF DWELLING UNIT 2x4 TREATED PLATE w/1/2"x10" ANCHOR WINDOWS. BOLTS @ 6'-0"o.c. SEPARATION. WEEP HOLES @ 33"o.c. FIRST COURSE ONLY 4" WIDE 30lb. FELT UNDER PLATE FINISH GRADE

TYPICAL CROSS SECTION ELEVATION

(FOR REFERENCE)





PLAN SITE

ST 7419 DE PRIEST (HOUSTON, TEXAS

AMILY E

CORONADO FAR RESIDENCE

DATE:

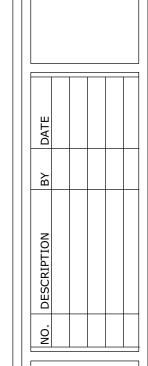
7/10/2023

SCALE:

1" = 20'-0'

SHEET:





EXTERIOR ELEVATIONS

7419 DE PRIEST ST HOUSTON, TEXAS

CORONADO FAMILY
RESIDENCE

DATE:

7/10/2023

SCALE: 1/8" = 1'-0'

SHEET:

1. CONSTRUCTION, PROJECTIONS, OPENINGS, AND PENETRATIONS OF EXTERIOR WALLS OF DWELLINGS AND ACCESSORY BUILDINGS SHALL COMPLY WITH TABLE R302.1(1); OR DWELLINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION P2404 SHALL COMPLY WITH R302.1(2), PROJECTIONS SHALL NOT EXTEND BEYOND A POINT ONE-THIRD THE DISTANCE INTO AREAS WHERE OPENINGS ARE PROHIBITED.

EXTERIOR WALL ELEMENT		MINIMUM FIRE-RESISTANCE RATING	MINIMUM FIRE SEPARATION DISTANCE
MALLS	FIRE-RESISTANCE RATED	FIRE-RESISTANCE RATED  1 HR-TESTED IN ACCORDANCE WITH STME E 119 OR UL 261 W/EXPOSURE FROM BOTH SIDES	
	NOT FIRE-RESISTANCE RATED	0 HOURS	≥ 5 FEET
PROJECTIONS	NOT ALLOMED	N/A	< 2 FEET
	FIRE-RESISTANCE RATED	1 HOUR ON THE UNDERSIDE a,b	≥ 2 FEET TO < 5 FEET
	NOT FIRE-RESISTANCE RATED	0 HOURS	≥ 5 FEET
OPENINGS IN	NOT ALLOWED	N/A	< 3 FEET
MALLS	25% OF MAXIMUM WALL AREA	0 HOURS	3 FEET
	NOT FIRE-RESISTANCE RATED	0 HOURS	5 FEET
PENETRATIONS	ALL	COMPLY WITH SECTION R302.4	< 3 FEET
		NONE REQUIRED	3 FEET

FOR SI: 1 FOOT = 304.88 mm.

N/A = NOT APPLICABLE

a. ROOF EAVE FIRE-RESISTANCE RATING SHALL BE PERMITTED TO BE REDUCED TO 0 HOURS ON THE UNDERSIDE OF THE EAVE IF FIREBLOCKING IS PROVIDED FROM THE WALL TOP PLATE TO THE UNDERSIDE OF THE ROOF SHEATHING.

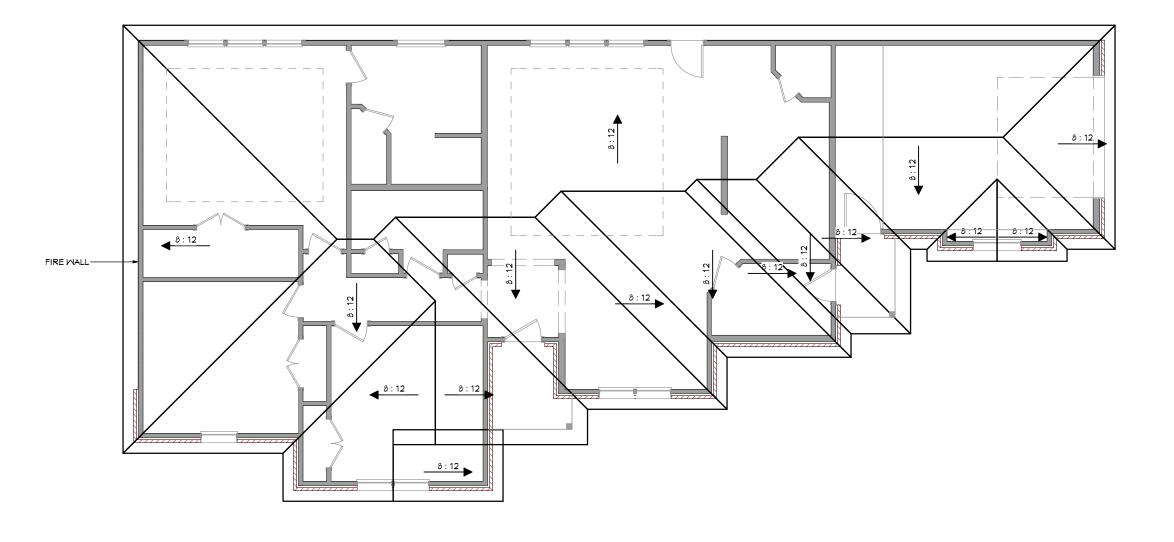
b. ROOF EAVE FIRE-RESISTANCE RATING SHALL BE PERMITTED TO BE REDUCED TO 0 HOURS ON THE UNDERSIDE OF THE EAVE PROVIDED THAT THE GABLE VENT OPENINGS ARE NOT INSTALLED.

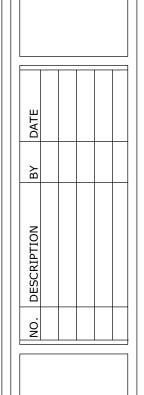
3D EXTERIOR ELEVATION	NUMBER	MIND LABEL	aty	CHEDULE	<u>-</u> Iwinth	HEIGHT	TOP	DESCRIPTION
		3060SH		30605H				SINGLE HUNG
	M02	4046FX	1	4046FX	48 "	54 "	92"	FIXED GLASS
	M03	40665H	1	40665H	48 "	78 "	102"	SINGLE HUNG-AT
	M04	6060MU	1	6060	72 "	72 "	92"	MULLED UNIT
	M05	6070MU	1	6070	72 "	84 "	108"	MULLED UNIT

	DOOR SCHEDULE							
NUMBER	LABEL	QTY	SIZE	MIDTH	HEIGHT	DESCRIPTION		
D01	10080	1	10080	120 "	96 "	GARAGE-GARAGE DOOR CHD05		
D02	2068	2	2068 L IN	24 "	80 "	HINGED-DOOR P04		
D03	2068	1	2068 R IN	24 "	80 "	HINGED-DOOR P04		
D04	2468	1	2468 L IN	28 "	80 "	HINGED-DOOR P04		
D05	2868	1	2868 L EX	32 "	80 "	EXT. HINGED-GLASS PANEL		
D06	2868	2	2868 L IN	32 "	80 "	HINGED-DOOR P04		
D07	2868	1	2868 R EX	32 "	80 "	EXT. HINGED-DOOR P04		
D08	2868	4	2868 R IN	32 "	80 "	HINGED-DOOR P04		
D09	3068	1	3068 L EX	36 "	80 "	EXT. HINGED-DOOR P04		
D10	3080	1	3080 L EX	36 "	96 "	EXT. HINGED-DOOR E21		
D11	4068	3	4068 L/R IN	48 "	80 "	DOUBLE HINGED-DOOR P04		

PLATE HEIGHT 9' 1-1/8"

> NOTE: ROOF PITCH TO BE 8/12 OVERHANGS TO BE 12" IX2 SHADOM BOARD OVER X8 FASCIA VENTED SOFFIT





ROOF PLAN

SHEEL LILLE:

7419 DE PRIEST ST HOUSTON, TEXAS

CORONADO FAMILY
RESIDENCE

DATE:

PETER T. TRUONG

7/10/2023

SCALE: 1/8" = 1'-0'

SHEET:

E1 ELECTRICAL INSTALLATION TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, NFPA-70.

E2 THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED ELECTRICAL PERMITS AND INSPECTIONS.

E3 CONVENIENCE RECEPTACLES SHALL BE MOUNTED @ 12" A.F.F. UNLESS NOTED OTHERWISE.

E4 EXTERIOR RECEPTACLES TO BE GFI AND WEATHER PROTECTED.

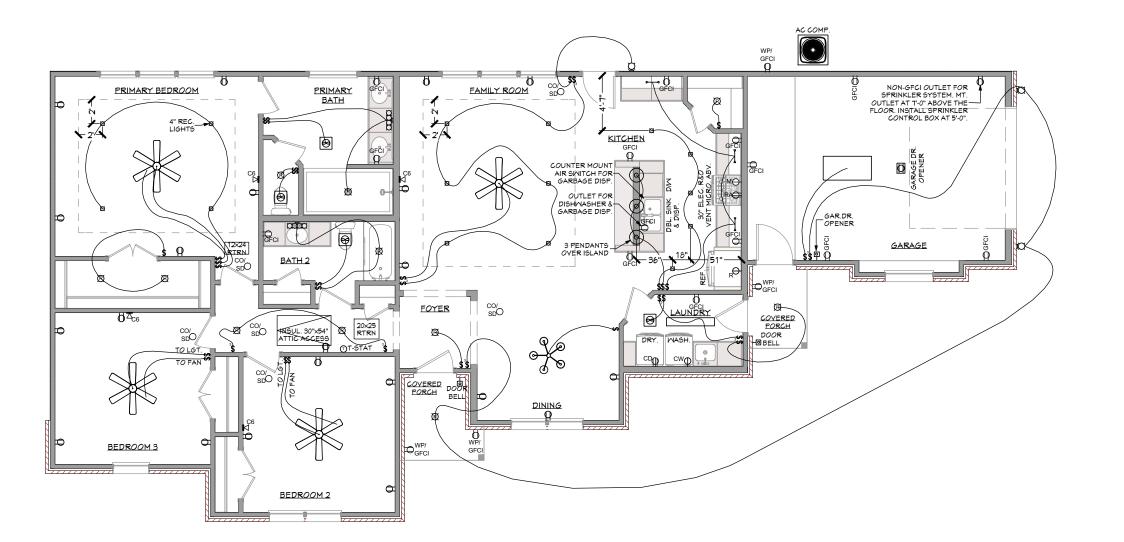
E5 SWITCHES TO BE MOUNTED @ 54" A.F.F.

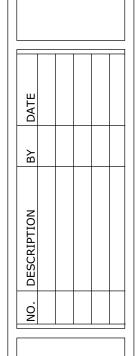
E6 PROVIDE PLYMD. PAD IN ATTIC FOR WIH AND HVAC UNIT(S) W REQUIRED ELECTRICAL, MECH. & PLUMB.
E1 PROVIDE 110V OUTLET AND LIGHT NEAR HVAC UNIT FOR SERVICE. IF LOCATION REQUIRES, PROVIDE
TWO LIGHTS ONE AT UNIT AND ONE AT ACCESS OPENING, ON ONE SWITCH.

E) CARBON MONOXIDE ALARMS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS, AS SPEC. IN SEC. R315. ALL SMOKE ALARMS SHALL BE INTERCONNECTED SO THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OTHERS.

E9. ELECTRICIAN TO PROVIDE WATER PROOF GFI OUTLET WITHIN 25' OF A/C CONDENSER UNIT.

ELEC	ELECTRICAL - DATA - AUDIO LEGEND							
SYMBOL	DESCRIPTION							
$\nearrow$	Ceiling Fan							
€ €	Ventilation Fans: Ceiling Mounted, Wall Mounted							
	Ceiling Mounted Light Fixtures: Surface/Pendant, Recessed, Heat Lamp, Low Voltage							
ā	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce							
<b>(</b>	Chandelier Light Fixture							
	Fluorescent Light Fixture							
Φ	240V Receptacle							
P ™P °F°P	110V Receptacles: Duplex, Weather Proof, GFCI							
\$ "\$ 3\$ \$	Switches: Single Pole, Weather Proof, 3-Way, 4-Way							
<sup>™</sup> \$ <sup>™</sup> \$	Switches: Dimmer, Timer							
AV Control A	Audio Video: Control Panel, Switch							
SP SP	Speakers: Ceiling Mounted, Wall Mounted							
	Wall Jacks: CAT5, CAT5 + TV, TV/Cable							
区	Telephone Jack							
ඕ	Intercom							
Φ	Thermostat							
□ 甲	Door Chime, Door Bell Button							
	Smoke Detectors: Ceiling Mounted, Wall Mounted							
EP	Electrical Breaker Panel							





HEET TITLE:
ELECTRICAL PLAN

7419 DE PRIEST ST HOUSTON, TEXAS

FAMILY PRINCE

ROJECT DESCRIPTION:

CORONADO FAN

RESIDENCE

DATE:

7/10/2023

SCALE:

PETER T. TRUONG

1/8" = 1'-0'

SHEET:

1. STRUCTURE SHOULD MEET DESIGN CRITERIA OF SEC. R301.2(1) OF 140 MILE PER HOUR BASIC WIND SPEEDS.

2. ATTACHED GARAGES SHOULD HAVE 5/8" FIRECODE GYPSUM BOARD ON ALL COMMON WALLS AND CEILINGS.

3. ESCAPE/RESCUE WINDOM FROM SLEEPING AREAS SHALL HAVE A MINIMUM OF 5.1 SQ.FT. CLEAR NET OPENING AND A MINIMUM CLEAR OPENING HEIGHT OF 24" AND A MINIMUM CLEAR OPENING WIDTH OF 20". FINISHED SILL HEIGHT SHALL BE A MAXIMUM OF 44" ABOVE THE FLOOR.

4. GLAZING IN HAZARDOUS LOCATIONS SHALL COMPLY WITH SEC. R308.4 OF THE 2015 I.R.C.

5. CONTRACTOR IS TO PROVIDE STEEL LINTELS ABOVE WALL OPENINGS WITH BRICK ABOVE.

6. ONE-HOUR RATED GYPSUM BOARD IS TO BE USED UNDER STAIRS.

8. ELECTRICAL CONTRACTOR IS TO LOCATE 110V OUTLET WITHIN 25'-0" OF THE A/C COMPRESSOR (GFI IF NOT IN SOFFIT).

9. SMOKE DETECTORS SHALL BE INSTALLED AS SPEC. IN SEC. R314. ALL SMOKE DETECTORS ARE TO BE HARD WIRED IN SERIES  $\omega$ / A BATTERY BACKUP AS SPEC. IN SEC. R314.4 OF 2015 I.R.C.

10. FIREPLACE CHIMNEY IS TO BE 2'-0" HIGHER THAN ANY STRUCTURE WITHIN 10'-0". 11. FIREPLACE STACK HEIGHT WILL CONFORM TO SEC. R1003.9 OF THE 2015 I.R.C.

12. FIREPLACE HEARTH IS NOT TO BE LESS THAN 20" WIDE AND SHALL EXTEND 12" BEYOND EACH SIDE OF THE OPENING.

13. PREFAB FIREPLACES ARE TO BE ICBO APPROVED. THE MANUFACTURER'S MANUAL IS TO BE PROVIDED TO THE FIELD INSPECTOR.

14. PULL DOWN STAIRS ARE TO COMPLY WISEC. R807 AND AMENDED M1305.1.3 OF THE 2015 I.R.C.

15. FINISH FLOOR HEIGHT IS NOT TO BE LESS THAN 12" ABOVE THE NEAREST MANHOLE COVER.

16. WIRE MESH SPARK ARRESTOR OPENINGS ARE NOT TO EXCEED  $\frac{1}{2}$ " SQUARE.

17. GUARD AND HANDRAILS ARE TO HAVE A MINIMUM OF 200 lbs. PER FOOT LIVE LOAD UNIFORMLY DISTRIBUTED, AS SPEC. IN SEC R301.5 OF THE 2015 I.R.C.

18. HANDRAILS TO HAVE A CROSS-SECTION OF 1-1/2" TO 2".

19. HANDRAIL HEIGHT TO BE A MINIMUM OF 34" AND A MAXIMUM OF 38".

22. WIND SPEED 139 MPH WITH 3 SECOND GUST EXPOSURE B. USE SIMPSON ANCHORS FOR CONNECTIONS H2.5 FOUNDATION AND RAFTERS TO STUD WALL CONTINUOUS METAL STRAPS TOP PLATE TO STUDS ON ALL REENTRANT CORNERS.

1. THE LOCATIONS SPECIFIED IN SECTIONS R308.4.1 THROUGH R308.4.7 OF THE 2015 I.R.C. SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING.

2. SECTION R308.4.1 GLAZING INSIDE HINGED DOORS EXCEPT JALOUSIES.

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

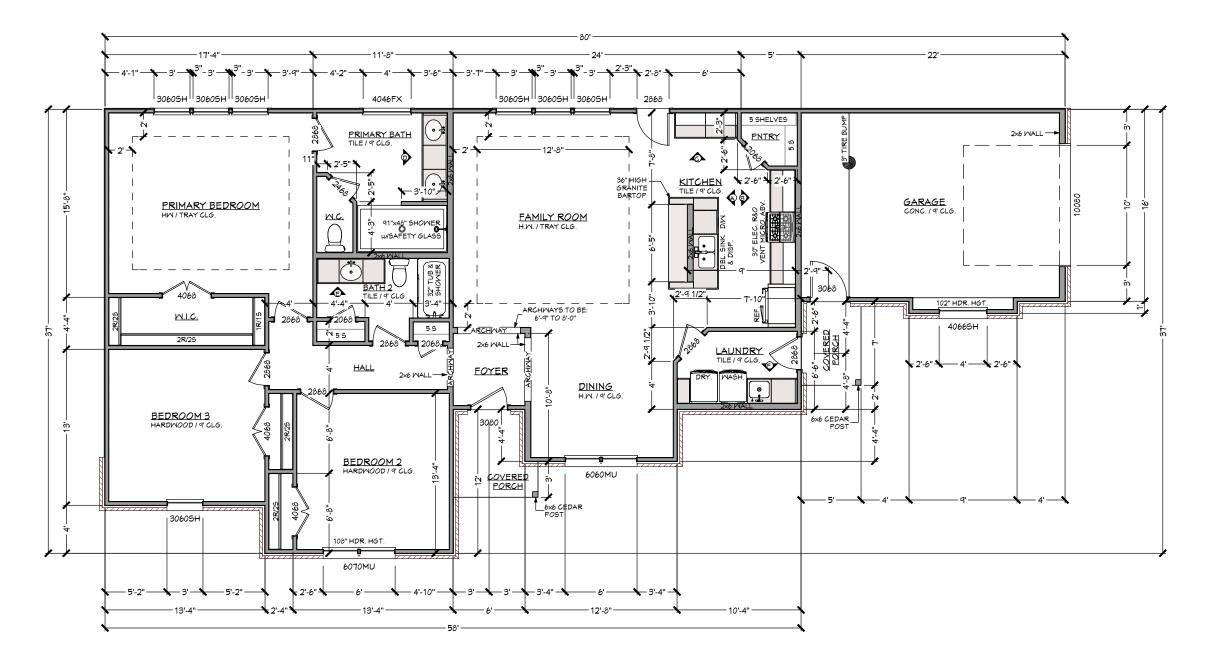
4. GLAZING IN WALLS ENCLOSING STAIRWAY LANDINGS OR WITHIN 60-INCHES OF THE TOP AND BOTTOM OF STAIRWAYS WHERE THE BOTTOM EDGE OF THE GLASS IS LESS THAN 60-INCHES ABOVE THE WALKING SURFACE.

THE ATTIC ACCESS STAIRWAY SHALL COMPLY MITH SECTION M1305.1.3 AND R302.6 AS AMENDED BY THE CITY OF HOUSTON. THE REQUIREMENTS HAVE BEEN REVISED AS SUCH. OPENINGS IN GARAGE WALLS SHALL COMPLY MITH SECTION R302.5. ATTIC DISAPPEARING STAIRS SHALL BE PERMITTED TO BE INSTALLED IN THE GARAGE CEILING PROVIDED THE EXPOSED PANEL IS NOT LESS THAN 30" THICK FIRE-RETARDANT-TREATED PLYWOOD OR COVERED WITH A MINIMUM 16 GAGE SHEET METAL.

ATTICS CONTAINING APPLIANCES REQUIRING ACCESS SHALL BE PROVIDED WITH A PULL DOWN STARWAY MITH A CLEAR OPENING NOT LESS THAN 22-INCHES IN WIDTH BETWEEN THE HARDWARE AND A LOAD CAPACITY OF NOT LESS THAN 350-POUNDS. AN OPENING AND A CLEAR AND UNOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30-INCHES HIGH AND 30-INCHES WIDE, AND NOT MORE THAN 20-PEET IN LENGTH WHEN MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE.

THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24-INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30-INCHES DEEP AND 30-INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 30-INCHES BY 34-INCHES WHERE SUCH DIMENSIONS ARE LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.

OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLD WOOD DOORS NOT LESS THAN 1-3/8" (35 mm) IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1-3/8" (35 mm) THICK, OR 20-MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF-CLOSING DEVICE. R302.5.1

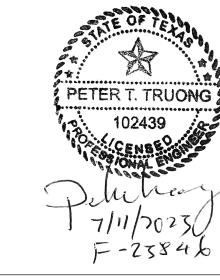


SQUARE FOOTAGES	
LIVING AREA FRONT PORCH GARAGE	1,800 SQ. FT. 84 SQ. FT. 361 SQ. FT.
TOTAL COVERAGE	2,245 SQ. FT.

PLATE HEIGHT 9' 1-1/8"

NOTE: ALL WINDOWS TO BE AT 7'-ô" HEADER HEIGHT UNLESS NOTED OTHERWISE

ALL DOORS TO BE AT & 2-1/2" HEADER HEIGHT UNLESS NOTED OTHERWISE



PLAN FLOOR

TEXA PRIE TON, 7419 I HOUS SS 0

OJECT DESCRIPTION:

CORONADO FAI

RESIDENCE

DATE:

7/10/2023

SCALE:

1/8" = 1'-0'