

AL103.7 Floor-to-floor tie. Upper-level exterior wall studs shall be aligned and connected to the wall studs below with tie straps placed a maximum of 32 inches (813 mm) on center and connected with a minimum of 6 eight penny nails per

AL103.8 Roof-members-to-wall tie. Tie straps shall be provided from the side of the roof-framing member to the

supporting member below the roof. Tie straps shall be placed at every roof-framing member and connected with a minimum of 8 eight penny nails.

AL103.9 Ridge ties. Opposing common rafters shall be aligned at the ridge and be connected at the rafters with tie straps

AL103.10 Gable-end walls. Gable-end wall studs shall be continuous between points of lateral support that are

perpendicular to the plane of the wall. Gable-end wall studs shall be attached with approved mechanical fasteners at the

top and bottom. Eight 8 penny nails shall be required for each fastener. Fasteners shall be spaced a maximum of 32

SECTION AL104

AL104.1 Roof sheathing. Solid roof sheathing shall be applied and shall consist of a minimum 1-inch-thick (25.4 mm)

nominal lumber applied diagonally or a minimum 15/32-inch-thick (11.9 mm) wood structural panel or particle board (OSB) or other approved sheathing applied with the long dimension perpendicular to supporting rafters. Sheathing shall be nailed to roof framing in an approved manner. The end joints of wood structural panels or particle board shall be staggered and

AL104.2 Roof covering. Roof coverings shall be approved and shall be installed and fastened in accordance with

AL104.3 Roof overhang. The roof eave overhang shall not exceed 3 feet (914 mm) unless an analysis is provided

showing that the required resistance is provided to prevent uplift. The roof overhang at gabled ends shall not exceed 2 feet (610 mm) unless an analysis showing that the required resistance to prevent uplift is provided.

ELEVATED FOUNDATION

AL105.1 General. When approved, elevated foundations supporting not more than one story and meeting the provisions

AL105.2 Material. All exposed wood-framing members shall be treated wood. All metal connectors and fasteners used in

AL105.3 Wood piles. The spacing of wood piles shall not exceed 8 feet (2438 mm) on center. Square piles shall not be less than 10 inches (254 mm) and tapered piles shall have a tip of not less than 8 inches (203 mm). Eight-inch-square (5161 mm²) piles shall have a minimum embedment length of 5 feet (1524 mm) and shall project not more than 8 feet

(2438 mm) above undisturbed ground surface. Eight-inch (203 mm) taper piles shall have a minimum embedment length

AL105.4 Girders. Floor girders shall consist of solid sawn timber, built-up 2-inch-thick (51 mm) lumber, or trusses. Splices shall occur over wood piles. The floor girders shall span in the direction parallel to the potential floodwater and wave

AL105.5 Connections. Wood piles may be notched to provide a shelf for supporting the floor girders. The total notching

shall not exceed 50 percent of the pile cross section. Approved botted connections with ¼-inch (6.4 mm) corrosion-resistant or noncorrosive steel plates and ¾-inch-diameter (19 mm) bolts shall be provided. Each end of the girder shall

RIDGE TIES

Tie straps spaced at 32" ma

FLOOR TO FOUNDATION TIES
Tie straps at 32" max, connected

(Section AL 103.4)

1. Tie straps shall be 11/8" x .036" (20 gage) sheet steel and shall be corrosion-resistant

APPENDIX L ILLUSTRATION

of 6 feet (1828 mm) and shall project not more than 7 feet (2134 mm) above undisturbed ground surface.

of this section may be used. A foundation investigation may be required by the building official.

be connected to the piles using a minimum of two 3/4-inch-diameter (19 mm) bolts

ROOF MEMBERS TO WALL TIES

Tie straps shall be placed at every

oof-framing member and connected

Section AL 103.8)

FLOOR TO FLOOR

Tie straps at 32" max, connected with a

inimum of 6-8d nails

SILL TO FOUNDATION

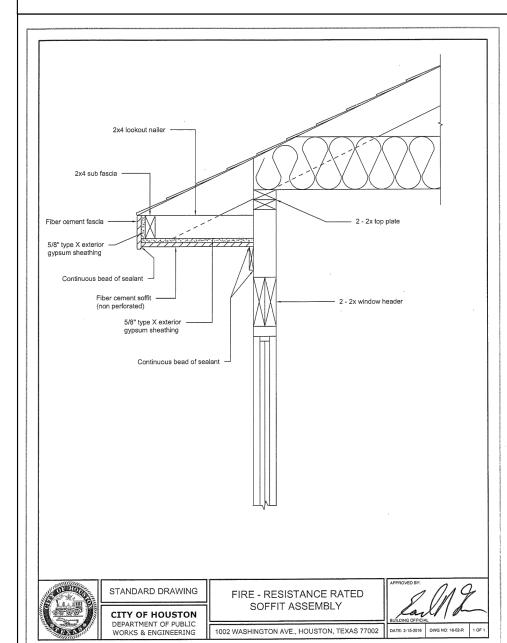
1/2" X 10" J-bolt,

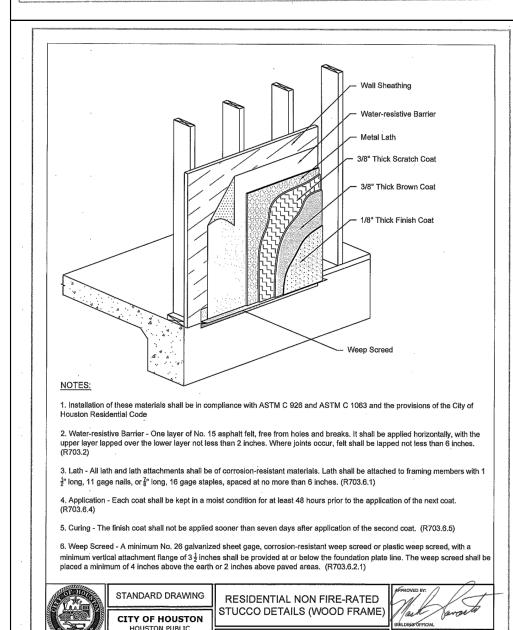
spaced @ 4' max. o.c. (Section AL 103.3)

832.3943.8820

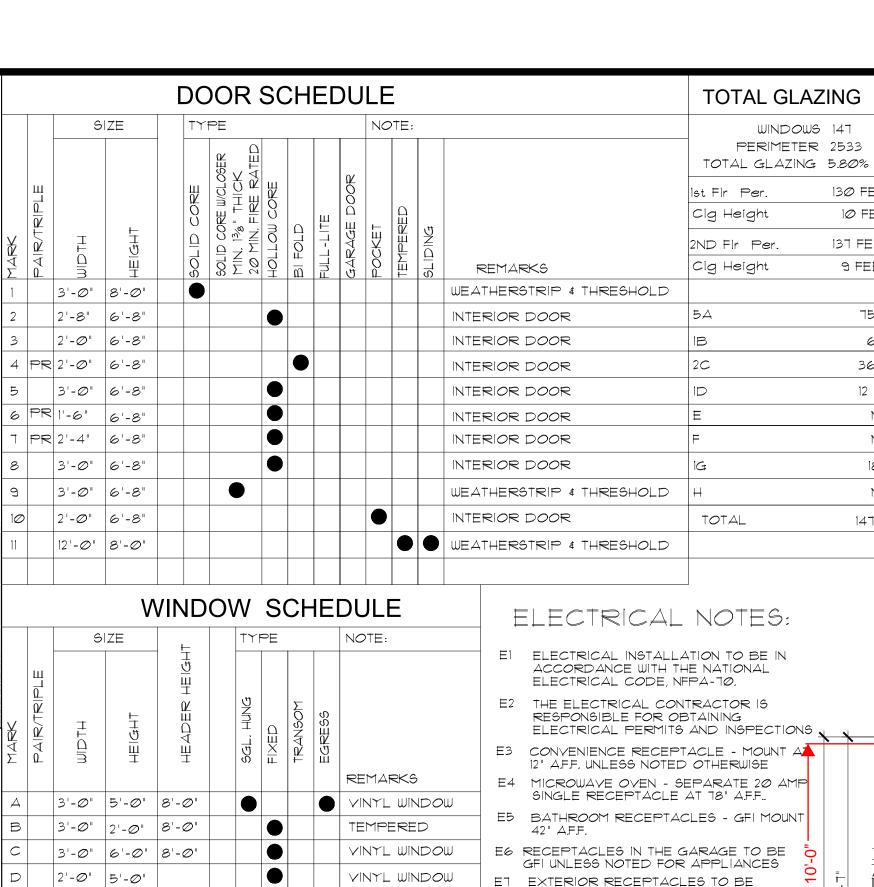
TIES -

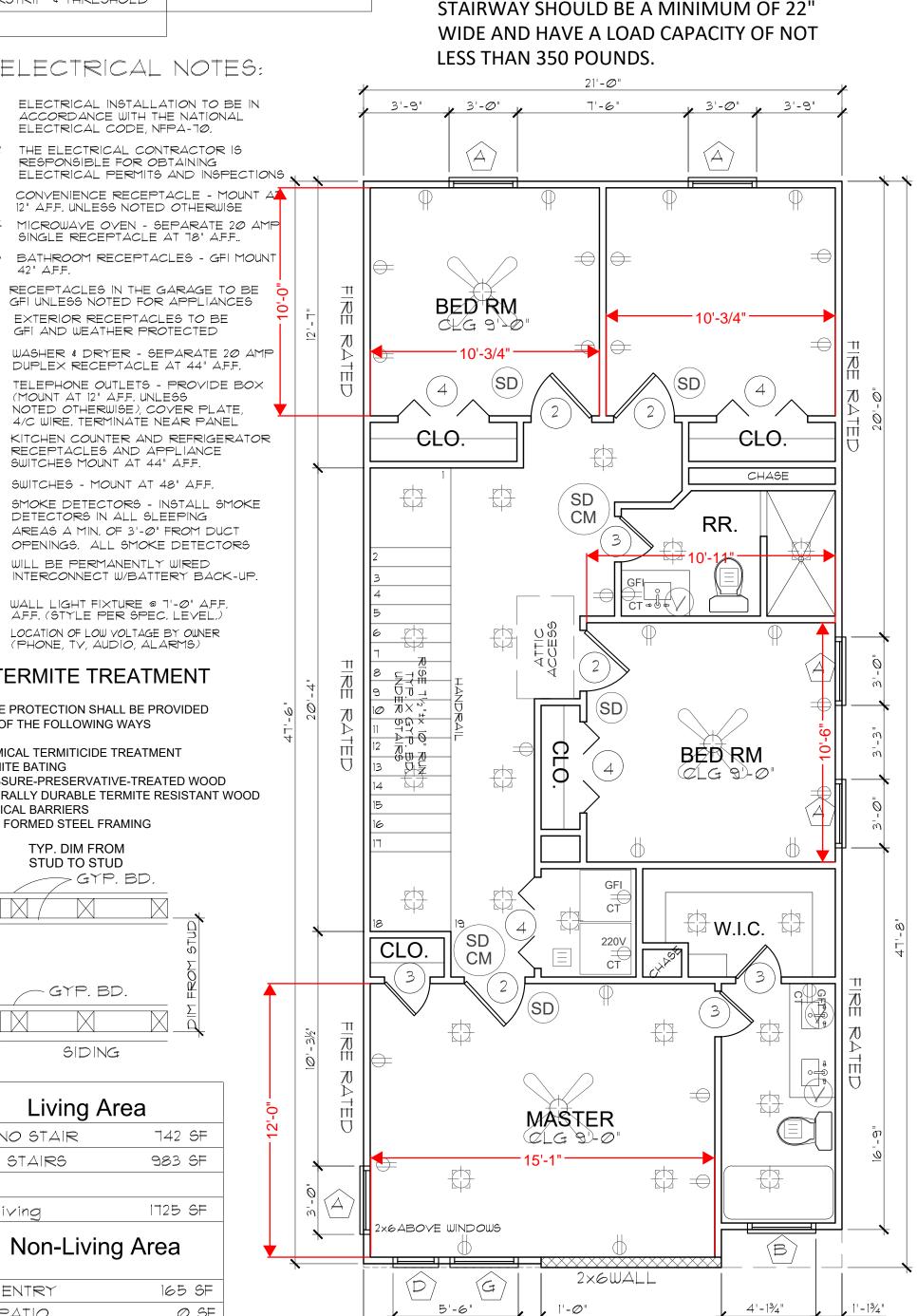
shall occur over blocking, rafters, or other supports.





1002 WASHINGTON AVE., HOUSTON, TEXAS 77002





VER HANDRAIL SUPPORT

." ON CENTER -

ATTIC ACCESS

ATTIC ACCESS - M1305.1.3 AMENDED

PROVIDE A MINIMUM 22"X30" ACCESS

TO ATTICS CONTAINING APPLIANCES. THE

TO THE ATTIC. PROVIDE A PULL DOWN STAIRWAY

36 SF HANDRAIL DETAIL

12 SF | SCALE: 1/2"= 1-0"

13Ø FEET

137 FEET

9 FEET

75 SF

6 SF

N/A

N/A

18 SF

N/A

147 SF

1Ø FEET

WOOD HANDRAIL 36" ABOVE TREAD NOSING. -

-

1 1/4" TO 2" DIAM.

2×4 STUDS 16" O.C.

AND HANDRAIL

1 1/2" BETWEEN WALL

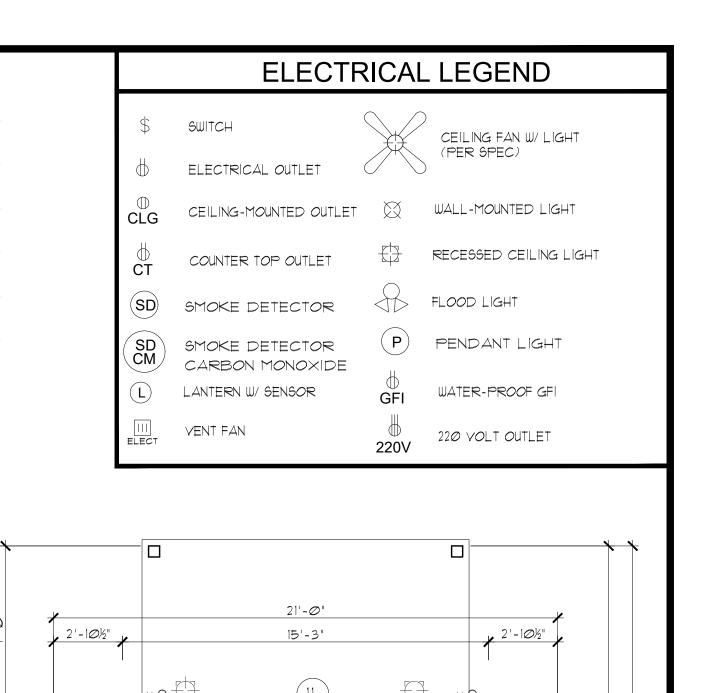
DIRECTLY TO STUDS

RETURN HANDRAIL

METAL BRACKET MOUNTED

STAIR TREAD

GYP, BD.



LIVING RM

CLG 10'-0"

DINE

CLG 10'-0"

EDGE ABOVE

SD

CM

9'-5"

4'-6"

TV

PAN

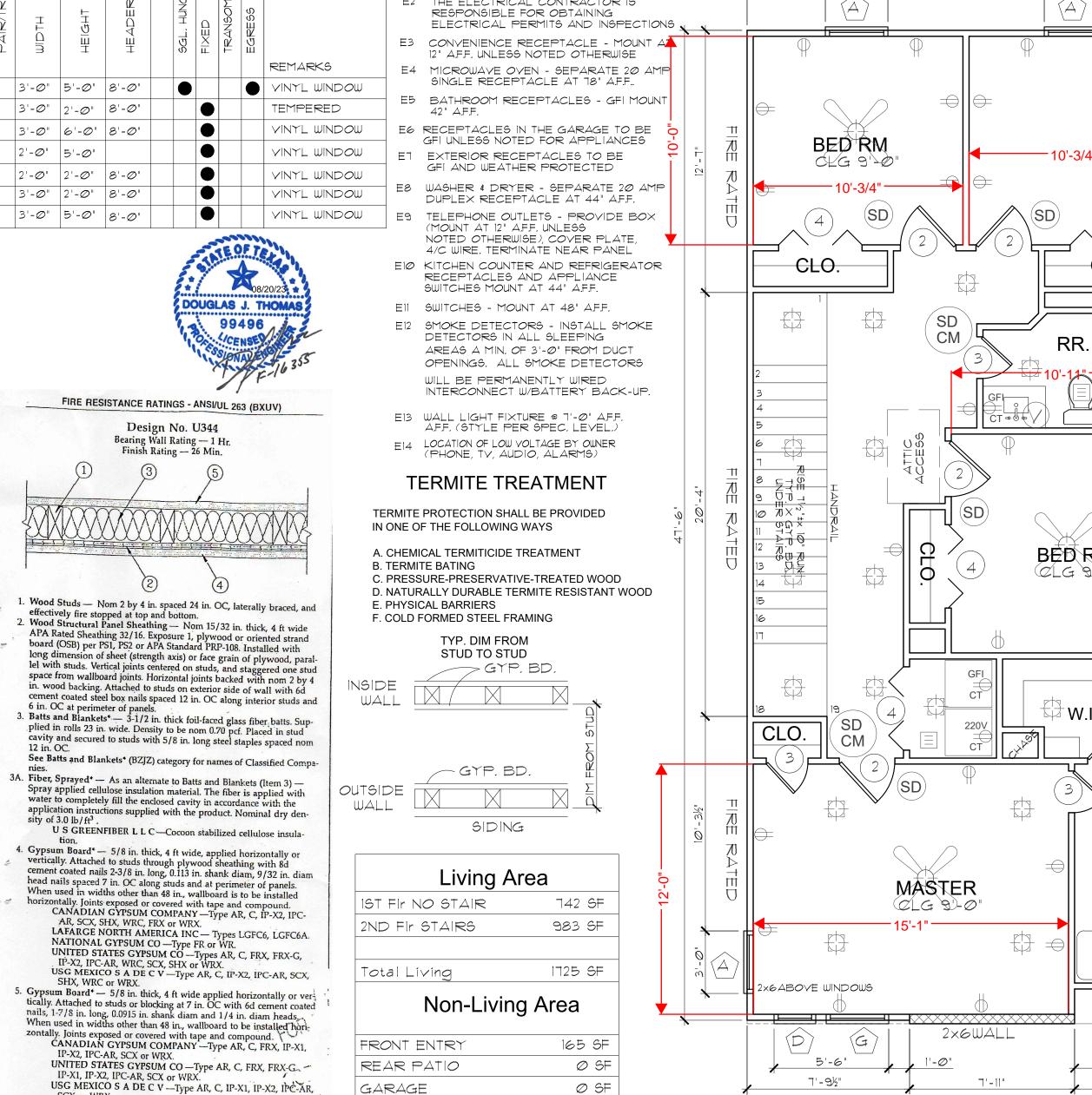
BED RM

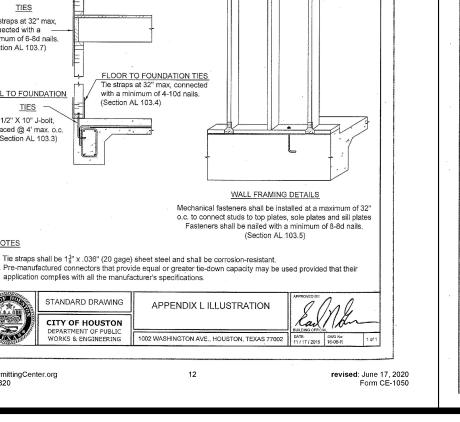
CLG 10'-0

3'-9½"

1ST FLR PLAN

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





WALL FRAMING DETAILS

ARTIS IDURIEN DIESIGN CONCIEPTS



NO. DATE REVISIONS FLOOR PLAN 25 FOXSHIRE LN A2.0 HOU. TX 77047

2ND FLR PLAN

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



Total NON-Living

ARTIS DUREN (713) 208-8585 ARTIS.DUREN@SBCGLOBAL.NET

513 SF

SCX or WRX.

*Bearing the UL Classification Mark