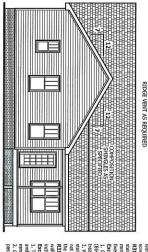
RESIDENTIAL BUILDING CODE 2018 NORTH CAROLINA STATE PLANS DESIGNED TO THE

SQUARE FOOTAGE
HEATED
HEST LOOR 1553 SQLF
TOTAL 1553 SQLF
UNHEATED
UNHEATED
ROOR FORCH 155 SQLF
ROOR FORCH 155 SQLF
TOTAL 155 SQLF

1553 SO.FT.

FRONT ELEVATION - A



of this code: ems and under knee walls

REAR ELEVATION PER CODE

WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 14.61 SQ.FT.
WITH 50% TO 80% OF VENTING 3'-0" ABOVE EAVE; OR WITH CLASS I OR II
VAPOR RETARDER ON WARM-IN-WINTER SIDE OF CELLING = 7,31 SQ.FT. SQUARE FOOTAGE OF ROOF TO BE VENTED = 2,192 SQ.FT.

RIDGE VENT AS REQUIRED

RAIL AS NEEDED PER CODE

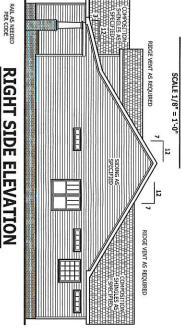
LEFT SIDE ELEVATION

SCALE 1/8" = 1'-0"

d attic/rafter spaces requiring less than 1 square foot (0.0929 m2) on may be vented with continuous soffit ventilation only, a dattic/rafter spaces over unconditioned space may be vented with continuous and the space may be vented with

The tacks are free ventilating area shall not be less of the gazes ventilated course, their education of the permitted provided that at least \$50 percent and risk of the regulated ventilating area is provided at least the tapper parties of the space to be servicised at least to the sear course area with the abstract of the son read may see reduced out JADO when a Class or III allocd on the warm in-writter side of the codings.

AIR LEAKAGE



GUARD RAIL NOTES

RAIL AS NEEDED PER CODE

1812.1 Where required, Guest's shall be increted along oper-sides healthing surfaces, including statint, surrays and bandger, that are located more than 30 inches (782 mm) pressured vertically to the flow of grade below at any point within 5st inches (782 mm) pressured vertically to the flow of grade below at any point within 5st inches for some bandward across give not the open side for the formal produced across give not the open side for the formal point of the produced produced across the produced points of the principles of the produced produced points of the principles of the 1.2 Height. Required guards at open-sided walking surfaces, including p, porches, balconies or lendings, shall be not less than 36 inches (914-high measured vertically above the adjacent walking surface, adjacent seating or the line connecting the leading edges of the treads.

Guards on the open sides of stairs shall have a height not less than 34 inches (864 mm) measured vertically from a line connecting the leading edges of the treads.

2. Where the top of the quartal sits owness as a handeal on the open sides of stalls, the top of the quartal stall not be not less than 34 inches (664 mm) and some than 999 and inches (965 mm) and anone than 999 at inches (965 mm) measured vertically from a line connecting the leading peoples of the classics.

18 121.3 Opening limitations, sequined quartas shall not have openings from the valeing a partice to the required; guard height which allow passage of a sphere 4 inches; (105 mm) for diameter.

Exceptions:

Exceptions:

1. The thiangular openings at the open side of a stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches (133 mm) in diameter.

2. Guards on the open sides of stairs shall not have openings which allow Guards on the open sides of stairs shall not have openings which allow passage of a sphere 43/8 inches (111 mm) in diameter.

SQUARE FOOTAGE

ELEVATION - A

FIRST FLOOR PLATE HEIGHT

ORMER PLATE

Lindsay 1553

9:-0" WIDE FALSE DORMER WITH (3) 2:-0" X 3:-0" FIXED WINDOWS, OVER FRAMED ON TO MAIN ROOF. Maror Lot 21emitchell

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ROOF VENTILATION

PLANS DESIGNED TO THE 2018 NORTH CAROLINA STATE RESIDENTIAL BUILDING CODE

| COURT | COURT A | COURT SA | CO

SQUARE FOOTAGE
HEATED
HEATED
HIST FLOOR
UNHEATED
UNHEATED
GAMER
FRONT FORCH
FRONT FORCH
FRONT FORCH
FRONT FORCH
FRONT FORCH
FRONT FORCH
TOTAL
TO 1553 SQ.FT.

25,855 28,838 25,838 26,838 26,838 26,838 26,838 26,838 26,838 26,838 26,838 26,838 26,838 26,838 26

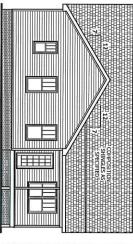


RIDGE VENT AS REQUIRED

FRONT ELEVATION - B

SCALE 1/4" = 1'-0"

RIDGE VENT AS REQUIRED



REAR ELEVATION MALL AS NEEDED

WITH 50% TO 80% OF VENTING 3'-0" ABOVE EAVE; OR WITH CLASS I OR II VAPOR RETARDER ON WARN-IN-WINTER SIDE OF CEILING = 7.31 SQ.FT. WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 14,61 SQ.FT. SQUARE FOOTAGE OF ROOF TO BE VENTED = 2,192 SQ.FT.

NET FREE CROSS VENTILATION NEEDED:

RIDGE VENT AS REQUIRED

RIDGE VENT AS REQUIRED

PER CODE

LEFT SIDE ELEVATION

RAIL AS NEEDED PER CODE

RIGHT SIDE ELEVATION

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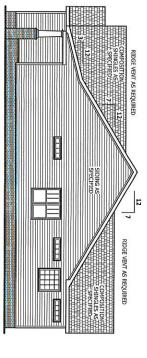
SCALE 1/8" = 1'-0"

Enclosed attic/rafter spaces nequiring less than 1 square foot (0.0929 m2)
of ventilation may be vented with continuous soffit ventilation only.
 Enclosed attic/rafter spaces over uncontitioned space may be vented with

Side 2 Minimum axis. The total net free vertishing a was shall not be less an 1/150 of the area of the space vertished cough that reduction of the all area to 1/200 permitted provided that at least 50 percent and not are than 80 percent of the required verificing area is provided at least retired to the space between of the space to the vertification at least feet from 3 above the space to corrice uses with the balance of the space to be sufficient of the space to be spaced by the space of the space to space and the space of the spa

IN120.4.1 Building themal envelope. The building themal envelope stall be doubly sealed with an a brairer spean to limit mithation. The scaling methods between dismilar materials shall allow for differential reposition and constrain, For all homes, where present, the following stall be cultied, gasketed, weather stripped or otherwise sealed with an all-barrier material or solid material crosseers with preposale E-2 of this corbe: 1. Bedying and scaling following persons to E-2 of this corbe:

AIR LEAKAGE



GUARD RAIL NOTES

SUB FLOOR

7'-6"
WINDOW HEIGHT
9'-1 1/2"
FIRST FLOOR PLATE HEIGHT

R311. Where required, Goards shall be located along open-sided working suffices, including states, remay and landings, that are located more than Juricase (762 mm) measured vertically to the floor or grade below at any point within 55 incluse (914 mm) betricontally to the floor or goards below at any point within 55 incluse (914 mm) betricontally to the edge of the open side, innext screening shall not be considered as a guard.

R312.2 Height, Required goards at open-sided walking surfaces, including salin, portices, blackmiss or hurflings, shall be not less than 35 florates (914 mm) high measured workfalls share the subject making surface, adjacent laced sourface, adjacent laced sourfac

Guards on the open sides of stairs shall have a height not less than 34 inche (864 mm) measured vertically from a line connecting the leading edges of the

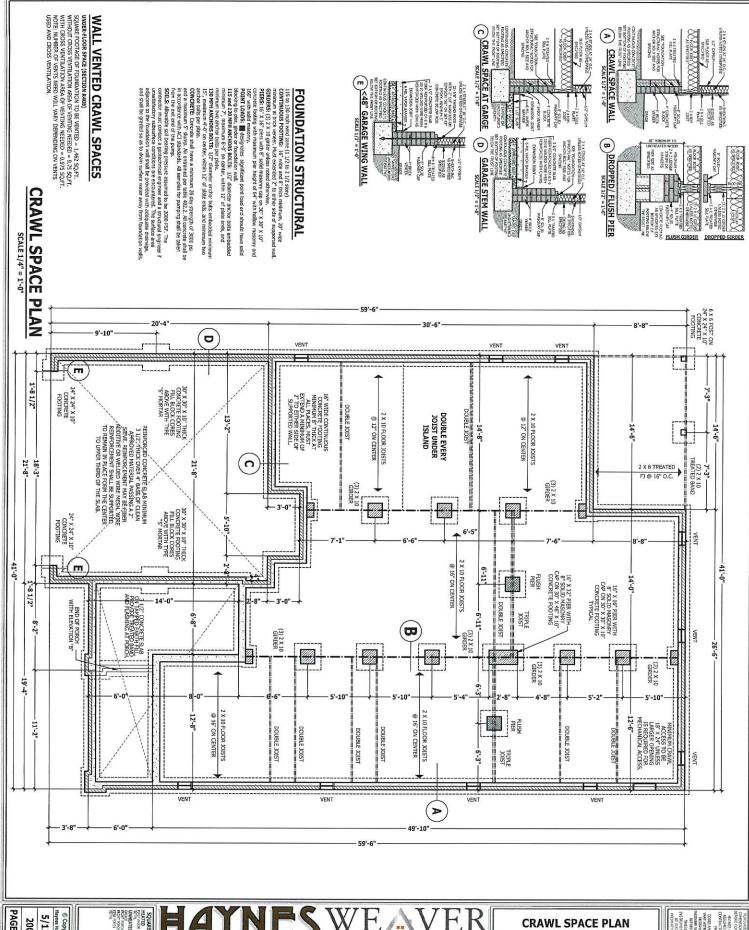
2. Where the top of the guard lade serves as a handral on the open sides of salts, the top of the guard salt on the cost sets than 34 inches (664 mm) and an one than 38 inches (965 mm) measured vertically from a line connecting the leading edges of the traction.
1812.13 Opening limitations. Required guards shall not have openings from the validing varieties that experience guards shall not have openings from the validing varieties to the required guard shall not have openings from the matter. (102 mm) in dameter.

 The triangular openings at the open side of a stair, formed by the riser, tread and bottom rail of a guard, shall not allow passage of a sphere 6 inches (133 mm) in diameter. Guards on the open sides of stairs shall not have openings which allow passage of a sphere 43/8 inches (111 mm) in diameter.



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ELEVATION-B



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DWELLING / GARAGE SEPARATION ATTIC ACCESS Concealed areas not located over the main structure including profess, areas behind knee wells, doments, bay windows, etc. e nor required to have access. Pull down stair treads, stringers, handralls, and hardware may oruse into the net clear opening. A minimum of 1/2" gipsum must be installed on the garage ceiling if there bitable room above the garage. If there are nabrlaske room above the garage ned 3'5" type X gipsum bowed must be installed on the garage ceiling. PRIETRATIONS. Openings between the garage and residence shall be with sold wood doors not less than 1.3 if lanches (35 min) thick, or 20-minute around our steel doors not less than 1.3 if nothes (35 mm) thick, or 20-minute around the steel of the shall be with sold word above not less than 1.3 if nothes (35 mm) thick, or 20-minute around the shall be shall .ETRATIONS. Penetrations through the separation required in Section be protected as required by Section R302.11, Item 4. SQUARE FOOTAGE HEATED FIEST FLOOR FIEST FL 1553 SQ.FT. 755 655 655 755 655 757 757 757 757 FIRST FLOOR PLAN 2'-8" X 5'-2" TWIN MUD ROOM COVERED PORCH 10'-10" **DINING ROOM DOUBLE GARAGE** KITCHEN 10'-5" NINK O TO 4'-0" LAUNDRY 6'-6" -21'-8"-REFRIG. D + 2'-10" 10'-10" 3'-4" CATHEDRAL FAMILY ROOM -41'-4" MASTER BEDROOM TRAY CEILING 0 -6'-3" LINE OF 9'-1 1/2" CEILING WITH ELEV B PORCH FOYER 6-8" X 5'-2" 2'-0" BEDROOM #3 BEDROOM #2 PORCH EXTENSION WITH ELEVATION A 5'-4" MASTER BATH 9'-0" BATH 7'-2" W.I.C. TUB AND SHOWER +2'-0" 4'-0" X 1'-0" 4'-0" X 1'-0" TRANSOM 4'-0" X 4'-0" FIXED TEMPERED 4'-0" X 1'-0" TRANSOM SCALE 1/4" = 1'-0' © Copyright 2020 Haynes Home Plans, Inc. 5/12/2020 PAGE 3 OF 6 200505B **FIRST FLOOR PLAN** HOMES-0.630.2100 • 919.606.4696

HOME PLANS,

STRUCTURAL NOTES

edures or safety program, Haynes Home Plans, Inc. is no responsibility for the contractor's failure to carry the construction week in accordance with the contract universe. All members shall be framed, and/orest, and set in accordance with good construction practice and set in accordance with good construction practice and and legenerate the code.

Jed to supersede the code.

PHACTICES AND SAFETY! Haynes Home Plans, the no liability for contractors practices and

MING LUMBER: All non treated framing lumber shall PF #2 (Fb = 875 P5I) or SYP #2 (Fb = 750 P5I) and recited knoter shall be SYP #2 (Fb = 750 P5I) unless

invalidation involvement, 12 hought 51, houst 51, etc. but 61 in administration of the 17 hought 51, hought 51, etc. but 61 in administration of the 17 hought 51, hought 51, etc. but 61, etc. but 61,

ONCRETE AND SOXLS: See foundation notes,

TRUSS DESCRIA. Trusses to be designed and engineered in scondinate with those drawings, any waitaken with truss chowings must be ought to Haynes thome Bay, for, attended before construction theirs, before construction theirs, and their acconstruction theirs, and their acconstruction theirs, and their acconstruction their acconstruction their accounts of their accounts o

IEARING, All trusses shall be designed for earing on SPF #2 plates or ledgers unless loted otherwise.

MAXIMUM HEIGHT TO TOP OF FRAMED WALL

STAP HEADER TO JACK—STUD ON INSIDE 1000 LBS OR 4000 LBS WITH PONY WALL,

IEADER PER PLAN

MAXIMUM HEIGHT TO TOP OF HEADER
10'-0"

TWO ROWS OF 16D -SINKER NAILS @ 3" O.C

wchorage per foundation

- JACK STUDS PER PLAN ---SHEATHING DIRECTION—

REQUIREMENTS ROOF TRUSS

PONY WALL HEIGHT TO VARY

west unterwise.

A STASHI MI Macker states of exterior walls and both sides of YSSHI MI Macker states of exterior walls to make 12° gipsam inscales. When not using matches walls to make 12° gipsam inscales. When not using matched de gipsam to be fastened services and services. As the services and servic

Gbt Interior walls show as GB are to have minimum 1/2* grysum board on both sides of the wall factaned at 7* on centur at odges and 7* on center at intermodiate supports with minimum 50 croder mals or 46 screws. PF: Portal Jame per figure RG02.10.1

EXTERIOR HEADERS

(2) 2 % WITH 1 JACK STUD EACH END
UNIVESS HOTTED OTHERWISE

- KING STUDE SACH END PER TABLE BELOW
READER SHAM (- 3 3 3 4 4 4 4 9 BELE) [23-16]

(MIG STUDOS) 1 2 3 5 6

NTERIOR HEADERS

- LOAD BEAKING HEADERS (2) 2 X 6 WITH
1 JACK STUD AND 1 KINE STUD EACH END
UNLESS NOTED OTHERWISE
- NON LOAD BEARING HEADERS TO BE
LADDER FRAMED

— 4 X 4 TREATED POST OR EQUIVALENT TYPICAL ATTACH SAFTERS TO HEADER WITH HURRICANE CONNECTORS (SWPSON HZ.5 OR EQUIVALENT).
ATTACH HEADER TO POST AND POST TO BASE WITH POST CAP, HEFAL STRAPS, AND/OR POST BASE. (2) SC

PRIVATE FRAME AT OPENING (METHOD OF PER FIGURE AND SECTION R602.10.1) SCALE 1/4" = 1"-0" **BRACE WALL PANEL NOTES** ERIOR WALLS: All exterior walls to be sheathed with WSP or CS-SFB in accordance with section R602,10,3 unless and alternation. -6-16D SINKER NAMS FROM KING STUD TO HEADER 24" OF MIDDLE OF WALL HEIGHT HEADER WITH 8D COMMON NAIL IN 3" GRID AND TO FRAMING AT 3" ON CENTER MUD ROOM (3)SC Ļ (2) 2|X 10 2 JACKS EACH END ROOF TRUSSES BY MANUFACTURES COVERED PORCH INING ROOM (2) 1.75" X 11.875" LYI, CONTINUIOUS DOUBLE GARAGE KITCHEN LAUNDRY BY MANUFACTURER ROOF TRUSSES BY NANUFACTURER BY MANUFACTURER CATHEDRAL FAMILY ROOM Ī 386 (2) SC MASTER BEDROOM TRAY CEILING ROOF TRUSSES BY MANUFACTURER WITH ELEVATION - 8 GIRDER TRUSS WITH ELEVATION -8 PORCH FOYER (2) 2 X 8 (2) 2 X 10 A X 4 TREATED POST OR EQUIVALENT TYPICAL ATTACH SEATERS TO HEADER WITH HURBCHAME CONNECTORS (SIMPSUM 12.5 OR EQUIVALENT, ATTACH HEADER TO POST AND POST TO BASE WITH POST COP, METAL STRAPS, AND/OR POST BASE. END OF PROCH BEDROOM #2 BEDROOM #3 (2) 2 X 10 2 JACKS EACH END PLACE BEAM ÓVER BEARING ROYJOED BY COLUMN(S) AND FUR BEAM AS DESIRED EQUIVALENT EXTENED TRUSSES WITH ELEVATION - A MASTER BATH ROOF TRUSSES BY MANUFACTURER (2) 80

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FIRST FLOOR STRUCTURAL

무

SCALE 1/4" = 1'-0'





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FIRST FLOOR STRUCTURAL

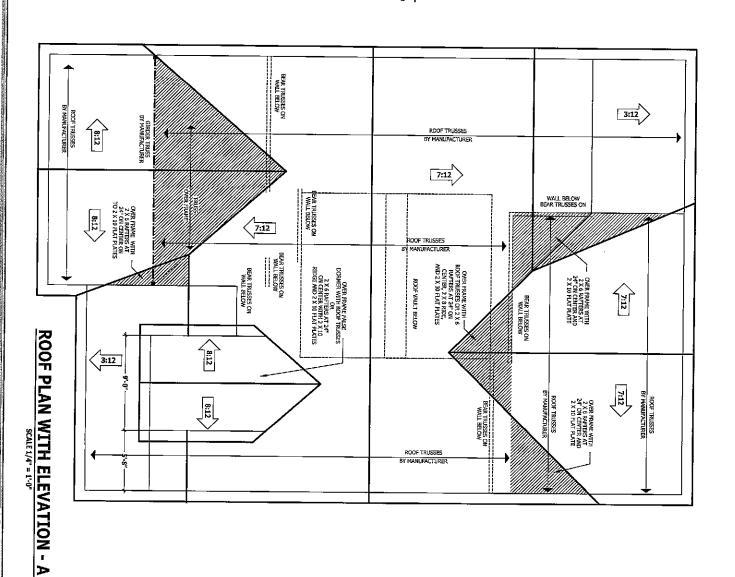
(2) 2 X 8

Lindsay 1553

(Z) 2 X S

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN. Trasses to be designed and enginement in accordance with these develope. Any well-tim with treas develope and the brought of religious them they, for well-tim with treas develops must be brought to religious them they, for a develope observe construction begins. An distributional of in requirements as a partial on the truss schematics, sentiment has reported on the truss schematics, all trusses scale the designed for bounding on SPF 42 pilotes or less joint of otherwises.



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WE # VER

HOMES
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gp Window Proper Proper Park Posteriol No. 2010.

ROOF PLAN WITH ELEVATION - A

Lindsay 1553

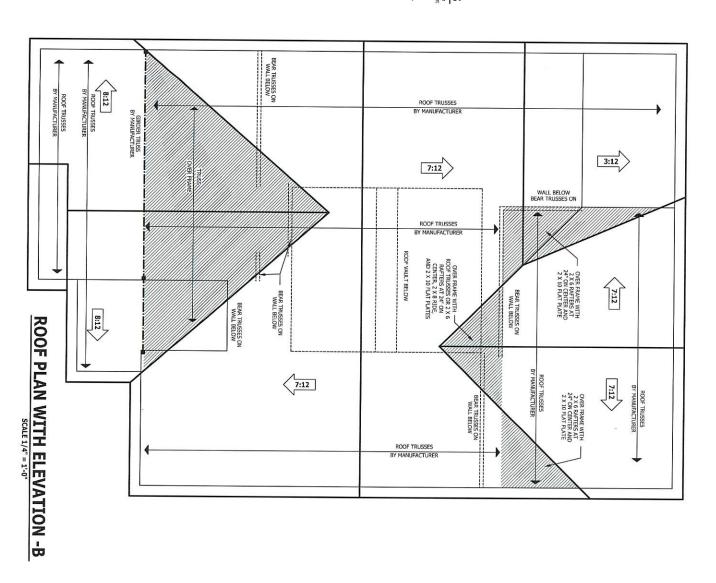
PACINGE HIST POTAT ALL PRESIDENCE PROTECTION AND CONTROL PROTECTION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION ADM

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN. Trusses to be designed and engineered in accordance with these drawings, July worksion with these drawings must be thought to drayine show they. Thus, alterition beliefer construction begins.

ANCHOMATE, All required arctions for trusses due to uplift or boxing shall must the requirements as specified on the Truss Schamatics.

BEARING, All muses shall be designed for boxing on SPF #2 plates or leadings writes an odd otherwise.



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ROOF PLAN WITH ELEVATION -B

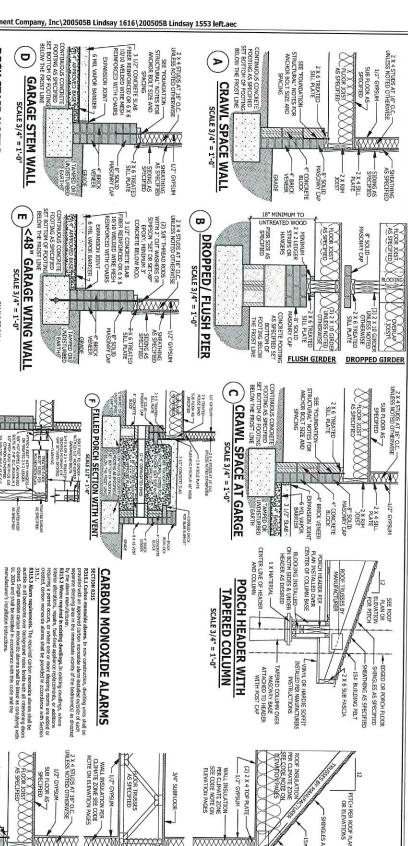


FIGURE AM110 DOUBLE DECK— BAND FOR STAIR SUPPORT 9" MINIMUM — PROVIDED 3 1/2" THICK CONCRETE PAD AT BOTTOM OF STEPS FOR BEARING MINIMUM 5/4 X 6 OR 2 X 4 TREATED DECKING MINIMUM 1/4" GAP BETWEEN DECKING GRADE REATED 2 X 10 OR 2 X 12 STRINGER TREATED FLOOR JOIST SIZED PER FOUNDATION PLAN FOR STAIR BEARING

M410.1 Sain's shall be constructed per Figure A411.0 Stringer spoat shall be no getater than 7 for 5 yan beween supports. Spatring between stringers shall be based (upon decking material used per A410.1L. Each Simper shall hear minimum 3 1/2 inches between step out and back of stringer. If used, suspended heatest shall shall be attended with 38 truch pelavanace both, with nate to the securely support sarringers at the tab.

ECK BRACING

stability.

Then the deck floor height is less than 4'-0" frence from the floor height is less than 4'-0" grade per Figure AM109 and the fleck is estructure in accordance with Section

s. The knee braces shall s. The knee braces shall root less than 1/3 of the post st, and the braces shall be and 60 degrees from the be bolted to the post and the

TYPICAL DECK STAIR DETAIL

DECK STAIR NOTES

SCALE 3/4" = 1'-0"

SCALE 3/4" = 1'-0" WEEP SCREEDS

AS SPECIFIED VAPOR BARRIER WEEP SCREED Installed per manufactures instructions and Ber per the 2012 forth continos Residential Building Code.

ERR P0305.6.2.1 • A minimum 0.019-inch (0,5 mm) (No. 26 gatherizate sheet gape).

D controller sized when yet great or plast growep screed, with a minimum vertical growep screed, with a minimum vertical growep screed 312 in charge (58 mm) er attachment flange of 312 in charge (58 mm) er stall be provided at or below the floundation plate in fen or exercior scut walls in accordance with ASTH C 926. The weep screed shall be pleaded a minimum of 4

SEE FOUNDATION FOR FOUNDATION DETAILS

WEEP SCREED SCALE 3/4" = 1'-0"

 Where smoke alarms are provided meeting the nis of Section R314.4.
 cation. Smoke alarms shall be installed in the following sleeping room. each separate sleeping area in the immediate vicinity of

ancy and

freestanding decks without knee braces or lateral stability may be provided by post in accordance with Figure AM109,2 one 5/8 inch hot dipped and washer at both ends of the

SHEATHING— AS SPECIFIED HTA-

tional story of the dwelling, including basements tits (finished) but not including crawl spaces, ngs or dwelling units with spit levels and good between the adjacent levels, a smoke upper level shall suffice for the adjacent hat the lower level is less than one full story

alarm is required to be installed within a alarm devices shall be interconnected treation of one alarm will activate all of

SEE "FOUNDATION—
STRUCTURAL" NOTES FOR
ANCHOR BOLT SIZE AND
SPACING

- 4" CONCRETE BLOCK

VENEER

GRADE

MASONRY CAF

2 X 6 TREATED -SILL PLATE

adroom in all parts of the stairway
2032 mm) measured vertically from
ing or from the floor surface of the

SMOKE ALARMS

G DECK ATTACHMENT

are provisions of this code and the household fire warning waysment provisions of HFPA 72.

1314.2 Smoke detection systems. Household Fire Warning Walliand in ...

the nat dimensional surfaces shall be exclusived or a view recover an ununeabour and the national problem. The maintainment recipits shall be 12.14 min. 1 In do that parton is our source; , see shall meet the eads and fixers. Sall reads and fixers shall meet the this section. For the purposes of this section all ofmessions furnies shall be exclusive of carpets, rugs or runners, height. The maximum diser height shall be 8 I/4 inches inser shall be measured wetficially between leading edges of

handrail fittings or bendings are used to provide continuous between flights, the transition from handrail to guardrail, or used to of a flight, the handrail height at the fittings or bendings shall of a volute, turnout or starting easing shall be allowed over the

alls shall be permitted to be interrupted by a newel post, se of a volute, turnout, starting easing or starting newel shall be for stairways shall be continuous for the flight oint directly above the top riser of the flight est riser of the flight. Handrall ends shall newel posts or safety terminals, Handralls pace of not less than 11/2 inch (38 mm)

ralis shall be considered continuous if the cours within 6 inches (152 mm) of each other. If well-mounted handrail and a guardrail/handrail, the

TYPICAL STAIR DETAIL

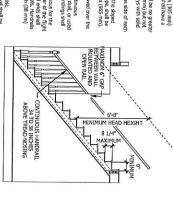
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HOME PLANS, P.O. BOX 702. WAKE FOREST, NC 27588 919-435-6180

TYPICAL DETAILS

COPTIONAL 1 X 4 FRIEZE

SOFFIT ▲1 X 8 FASCIA

Lindsay 1553

CODES AND CONDITIONS MAY
WARN WITH LOCATION, A DOOR
BETWEEN SHOULD BE CONSTRUCTION.
THESE DRAWNED AS SHOULD BE CONSTRUCTION.
THE PROPERTY OF THE

SHINGLES AS SPECIFIED

SHEATHING AS SPECIFIED

INSULATION BAFFLE

28228 28238 150 SOFT

SPECIFIED

-2 X 4 SILI

- 2 X RUM

AS SPECIFIED

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-- 2 X 4 STUDS AT 16" ON CENTER UNLESS NOTED OTHERWISE

- (2) 2 X 4 TOF

AS SPECIFIED

-2 X 4 SILL

SPECIFIED