MEAN ROOF HEIGHT: 17'-2	HEIGHT TO RIDGE: 25'-6"		
CLIMATE ZONE	ZONE 3A	ZONE 4A	ZONE 5A
FENESTRATION U-FACTOR	0.35	0.35	0.35
SKYLIGHT U-FACTOR	0.55	0.55	0.55
GLAZED FENESTRATION SHGC	0.30	0.30	0.30
CEILING R-VALUE	38 or 30ci	38 or 30ci	38 or 30d
WALL R-VALUE	15	15	19
FLOOR R-VALUE	19	19	30
* BASEMENT WALL R-VALUE	5/13	10/15	10/15
** SLAB R-VALUE	0	10	10
 CRAWL SPACE WALL R-VALUE 	5/13	10/15	10/19

**10(12" MEANS R-10 SHEATHING INSULATION OF R-13 CAVITY INSULATION
 **INSULATION DEPTH WITH MONOLITHIC SLAB OF R-10 CAVITY INSULATION
 FOOTING; DISJULATION DEPTH WITH STEM WALL SLAB 24" OR FOO BITTOM OF FOUNDATION WALL

DESIGNED FOR MY								
COMPONENT	& CLA	DDING	DESIG	NED FO	OR THE	FOLLO	WING I	LOADS
MEAN ROOF	UPT	O 30'	30'-1"	TO 35°	35'-1"	TO 40'	40'-1"	TO 45'
ZONE 1	14.2	-15.0	14.9	-15.8	15.5	-16.4	15.9	-16.8
ZONE 2	14.2	-18.0	14.9	-18.9	15.5	-19.6	15.9	-20.2
ZONE 3	14.2	-18.0	14.9	-18.9	15.5	-19.6	15.9	-20.2
ZONE 4				-16.8				
ZONE 5				-21.0				

DESTIGNED FOR WIN								
COMPONENT								
MEAN ROOF				TO 35'				
ZONE 1	16.7	-18.0	17.5	-18.9	18.2	-19.6	18.7	-20.2
ZONE 2	16.7	-21.0	17.5	-22.1	18.2	-22.9	18.7	-23.5
ZONE 3	16.7	-21.0	17.5	-22.1	18.2	-22.9	18.7	-23.5
ZONE 4	18.2	-19.0	19.1	-20.0	19.8	-20.7	20.4	-21.3
ZONE 5	18.2	-24.0	19.1	-25.2	19.8	-26.2	20.4	-26.9

ROOF VENTILATION

SQUARE FOOTAGE OF ROOF TO BE VENTED = 2,111 SQ.FT. NET FREE CROSS VENTILATION NEEDED:

WITHOUT 50% TO 80% OF VENTING 3'-0" ABOVE EAVE = 14.07 SO.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 CEILING = 7.04 SQ.FT.

GUARD RAIL NOTES

SECTION R312

R312.1 Where required. Guards shall be located along open-sided walking surfaces, including stairs, ramps and landings, that are located more than 30 inches (762 mm) measured vertically to the floor or *grade* below at any point within 36 inches (914 mm) horizontally to the edge of the open side. Insect screening their land horizontally to the edge of the open side. Insect

screening shall not be considered as a guard.

R312.2 Height. Required guards at open-sided walking surfaces, including stairs, porches, balconies or landings, shall be not less than 36 inches (914 mm) high measured vertically above the adjacent walking surface, adjacent fixed 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

2. Where the top of the quard also serves as a handrail on the open sides of stairs, the top of the guard shall not be not less than 34 inches (864 mm) and not more than 38 inches (965 mm) measured vertically from a line connecting the leading edges of the treads.

R312.3 Opening limitations. Required guards shall not have openings from the walking surface to the required guard height which allow passage of a sphere 4 inches (102 mm)in diameter.

The triangular openings at the open side of a stair, formed by the riser, tread and bottom rall of a guard, shall not allow passage of a sphere 6 inches (153 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.

AIR LEAKAGE

Section N1102.4

N1102.4.1 Building thermal envelope. The building thermal envelope shall be durably sealed with an air barrier system to limit infiltration. The sealing methods between dissimilar materials shall allow for differential expansion and contraction. For all homes, where present, the following shall be caulked, gasketed, weather stripped or otherwise sealed with an air barrier material or solid material consistent with Appendix E-2.4 of this code:

Blocking and sealing floor/ceiling systems and under knee walls open to unconditioned or exterior space.

2. Capping and sealing shafts or chases, including flue shafts. 3. Capping and sealing soffit or dropped ceiling areas.

RIDGE VENT AS REQUIRED RIDGE VENT AS REQUIRED COMPOSITION SPECIFIED 1 TOP OF PLATE COMPOSITION SUB FLOOR TOP OF PLATE SIDING AS SUB FLOOR **FRONT ELEVATION SOUARE FOOTAGE** SCALE 1/4" = 1'-0" HEATED FIRST FLOOR PLAYROOM



HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR

CODES AND CONDITIONS MA

BEFORE CONSTRUCTION. THESE DRAWING ARE STRUMENTS OF SERVICE AN AS SUCH SHALL REMAIN ROPERTY OF THE DESIGNER

ELEVATIONS SINCLAIR REAR ంಶ FRONT

1351 SQ.FT. 221 SQ.FT. 1572 SQ.FT.

28 SQ.FT. 28 SQ.FT.

134 SQ.FT. 447 SQ.FT. 113 SQ.FT. 694 SQ.FT.

307 SQ.FT. 307 SQ.FT.

WINDOW HEIGHT

8'-1 1/2"

COND FLOOR PLATE

SQUARE FOOTAGE HEATED HEATED OPTIONAL UNHEATED UNHEATED OPTIONAL

© Copyright 2019 Haynes Home Plans, Inc 3/6/2020

190320B

PAGE 1 OF 8

REAR ELEVATION SCALE 1/4" = 1'-0"

& RIGHT ELEVATIONS

SINCLAIR

SQUARE FOOTAGE HEATED FIRST FLOOR 125 SQ1 FLATFOOM 221 SQ1 TOTAL 122 SQ1 | HEATTO | 151 SQ2 | FARROON | 151 SQ2 SQ3 | FARROON | 157 SQ2 | FARROON | 157 SQ2 | FARROON | 157 SQ2 | FARROON | 157 SQ3 | FARROON | 157 SQ3 | FARRON | 157 SQ3 | FARRON | 155 SQ3 | F

© Copyright 2019 Haynes Home Plans, Inc 3/6/2020

190320B PAGE 2 OF 8

HAYNES HOME PLANS, IN

PROCEDURES.
COES AND CONDITIONS MAY
VARY WITH LOCATION. A LOCA
DESIGNER, AND OFFECT OR
INSIGNER AND OFFECT OR
INSIGNER AND SECULIAR
BEFORE CONSTITUTION.
THESE DRAWNING ARE
INSTRUMENTS OF SERVICE AN
AS SUCH SHALL REMAIN
PROPERTY OF THE DESIGNER

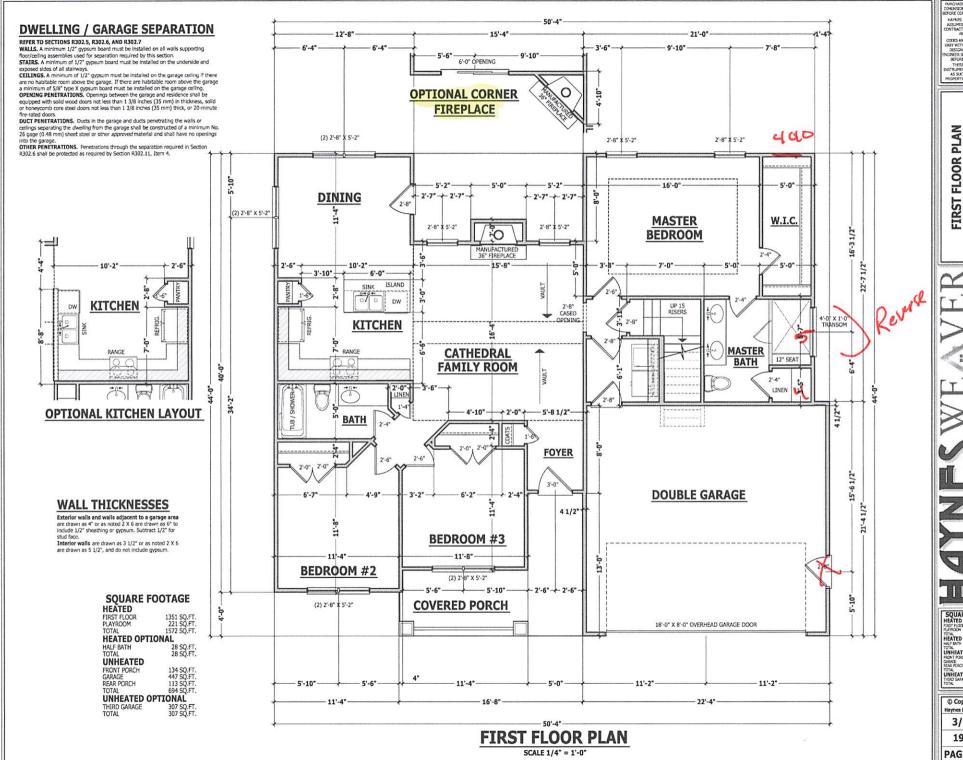
FOUNDATION PLAN SINCLAIR

SQUARE FOOTAGE HEATED FIRST FLOOR 181 90.7 PLAYROOM 221 90.7 HEATED OPTIONAL UNHEATED FRONT PORCH ARACE EAR PORCH TOTAL 594 SQ: UNHEATED OPTIONAL THERD GARAGE 307 SQ: TOTAL 307 SQ:

© Copyright 2019 Haynes Home Plans, Inc 3/6/2020

190320B

PAGE 3 OF 7



HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR CONTRACTORS PRACTICES AN PROCEDURES.

PROCEDURES.
CODES AND CONDITIONS MAY
VARY WITH LOCATION. A LOCA
DESIGNER, ARCOTTECT OR
ENGINERS REVILLD IN CONSULT
SEFORE CONSTRUCTION.
THESE DRIAWING ARE
INSTRUMENTS OF SERVICE AN
AS SUCH SHALL REPAIN
PROPERTY OF THE DESIGNER.

SINCLAIR

SQUARE FOOTAGE HEATED FIRST FLOOR 1351 SQ.F PLAYROOM 221 SQ.F HEATED OPTIONAL UNHEATED FRONT PORCH ARAGE EAR PORCH

TOTAL 694 SQ.

UNHEATED OPTIONAL

THERD GARAGE 307 SQ.

TOTAL 307 SQ. © Copyright 2019

Haynes Home Plans, Inc 3/6/2020

190320B

PAGE 4 OF 8

liability for contractors practices and procedures or safety program. Haynes Home Plans, Inc. takes no responsibility for the contractor's failure to carry out the construction work in accordance with the contract documents. All members shall be framed, anchored, and braced in accordance with good construction practice and the building code.

DESIGN LOADS	LIVE LOAD	DEAD LOAD	DEFLECTION
USE	(PSF)	(PSF)	(LL)
Attics without storage	10		L/240
Attics with limited storage	20	10	L/360
Attics with fixed stairs	40	10	L/360
Balconies and decks	40	10	L/360
Fire escapes	40	10	L/360
Guardrails and handrails	200	-	-
Guardrail in-fill components	50		
Passenger vehicle garages	50	10	L/360
Rooms other than sleeping	40	10	L/360
Sleeping rooms	30	10	L/360
Stairs	40		L/360
Cnow	20		327.5

FRAMING LUMBER: All non-treated framing lumber shall be SPE #2 (Fb = 875 PSI) or SYP #2 (Fb = 750 PSI) and all treated lumber shall be SYP #2 (Fb = 750 PSI) unless noted other wise. ENGINEERED WOOD BEAMS

ENGINEERED WOOD BEAMS: Laminated veneer lumber (LVL) = Fb=2600 PSI, Fv=285 PSI, E=1.9x10⁸ PSI Parallel strand lumber (PSL) = Fb=2500 PSI, Fv=290 PSI, E=2.0x10⁸ PSI Laminated strand lumber (LSL) Fb=2250 PSI, Fv=400 PSI, E=1.55x10⁸ PSI Install all connections per manufacturers instructions.

TRUSS AND I-JOIST MEMBERS: All roof truss and I-joist layouts shall be prepared in accordance with this document. Trusses and I-joists shall be installed according to the manufacture's specifications. Any change in truss or I-joist layout shall be coordinated with Haynes Homes Plans, Inc. LINTELS: Brick lintels shall be 3 1/2" x 3 1/2" x 1/4" steel angle for up to 6'-0" span, 6" x 4" x 5/16" steel angle with 6" leg vertical for spans up to 9'-0" unless noted otherwise. 3 1/2" x 3 1/2" x 1/4" steel angle with 1/2" bolts at 2°-0" on center for spans up to 18°-0" unless noted otherwise.

FLOOR SHEATHING: OSB or CDX floor sheathing minimum 1/2" thick for 16" on center joist spacing, minimum 5/8" thick for 19.2" on center joist spacing, and minimum 3/4" thick for 24" on center joist spacing, and minimum 3/4" thick for 24" on center joist spacing.

ROOF SHEATHING: OSB or CDX roof sheathing minimum 3/8" thick for 16" on center rafters and 7/16" for 24" on center rafters.

CONCRETE AND SOILS: See foundation notes.

BRACE WALL PANEL NOTES

EXTERIOR WALLS: All exterior walls to be sheathed with CS-WSP or CS-SFB in accordance with section R602.10.3 unless noted otherwise.

GYPSUM: All Interior sides of exterior walls and both sides GYPSUM: All Interior sides or exterior walls and both sides interior walls to have 1/2" gypsum Installed. When not using method GB gypsum to be fastened per table R702.3.5. Method GB to be fastened per table R602.10.1.

REQUIRED LENGTH OF BRACING: Required brace wall length for each side of the circumscribed rectangle are interpolated per table R602.10.3. Methods CS-WSP and CS-SFB contribute their actual length. Method GB contributes 0.5 it's actual length Method PF contributes 1.5 times its actual length. HD: 800 lbs hold down hold down device fastened to the edge

of the brace wall panel closets to the corner.

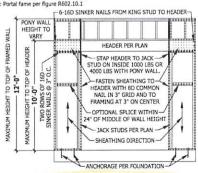
Methods Per Table R602.10.1

| ARCHIVE| Archive | Builder | Weaver Development Company, Inc | 200309B Sinclair | 200309B Sinclair

CS-WSP: Shall be minimum 3/8" OSB or CDX nailed at 6" on center at edges and 12" on center at intermediate supports with 6d common nails or 8d(2 1/2" long x 0.113" diameter) CS-SFB: Shall be minimum 1/2" structural fiber board nailed at 3" on center at edges and 3" on center at intermediate supports with 1 1/2" long x 0.12" diameter galvanized roofing

GB: Interior walls show as GB are to have minimum 1/2" gypsum board on both sides of the wail fastened at 7" or center at edges and 7" on center at intermediate supports with minimum 5d cooler nalls or #6 screws

PF: Portal fame per figure R602.10.1



PORTAL FRAME AT OPENING

(METHOD PF PER FIGURE AND SECTION R602.10.1) SCALE 1/4" = 1'-0"

EXTERIOR HEADERS

- (2) 2 X 6 WITH 1 JACK STUD EACH END UNLESS NOTED OTHERWISE

KING STUDS EACH END PER TABLE BELOW HEADER SPAN < 3' 3'-4' 4'-8' 8'-12' 12'-16' KING STUD(S) 1 2 3 5 6

INTERIOR HEADERS

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

LADDER FRAMED



ROOF TRUSS REQUIREMENTS

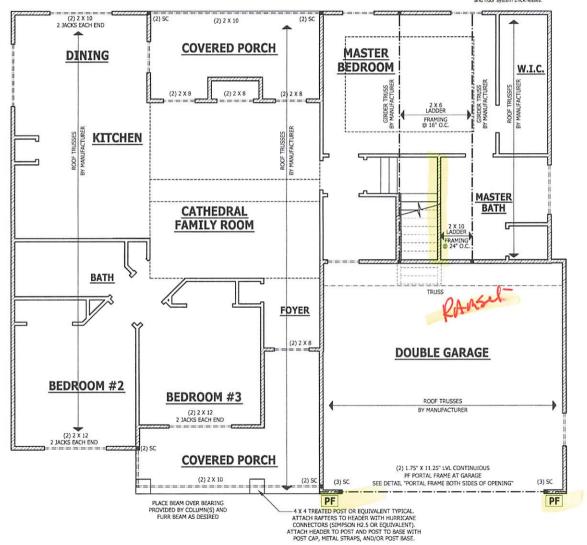
TRUSS DESIGN. Trusses to be designed and engineered in accordance with these drawings. Any variation with these drawings must be brought to Haynes Home Plan. Inc. attention before construction begins.

KNEE WALL AND CEILING HEIGHTS. All finished knee wall heights and ceiling heights are shown furred down 10" from roof decking for insulation. If for any reason the truss manufacturer falls to meet or exceed designated heel heights, finished knee wall heights, or finished ceiling heights shown on these drawings the finished square footage may vary. Any discrepancy must be brought to Haynes Home Plans, Inc. attention, so a suitable solution can be reached before construction

attentions, so a suitage to be sold the consideration of the begins. Any sold said of the begins and the begins are sold to the sold the begins and the begins are sold to the begins and the begins and the begins are begins are begins and the begins are begins are begins and the be

ledgers unless noted otherwise.

Plate Heights & Floor Systems. See elevation page(s) for plate heights



FIRST FLOOR STRUCTURAL

SCALE 1/4" = 1'-0"

HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR ONTRACTORS PRACTICES AN PROCEDURES.

PROCEDURES.

CODES AND CONDITIONS MAY WARY WITH LOCATION. A LOCA
DESIGNER, ARCHITECT OR NOMERER SHOULD BE CONSULTI
BEFORE CONSTRUCTION.
THESE DRAWNING ARE INSTRUMENTS OF SERVICE AN

FLOOR STRUCTURAL

SINCLAIR FIRST

SQUARE FOOTAGE HEATED HEATED OPTIONAL UNHEATED

TOTAL 694 SQJ UNHEATED OPTIONAL THEO GATAGE 907 SQJ TOTAL 307 SQJ © Copyright 2019

3/6/2020

190320B

PAGE 5 OF 8

liability for contractors practices and procedures or safety program. Haynes Home Plans, Inc. takes no responsibility for the contractor's failure to carry norm rights, life, takes no responsibility for the contractor's failure to a out the construction work in accordance with the contract documents. All members shall be framed, anchored, and braced in accordance with good construction practice and the building code.

DESIGN LOADS	LIVE LOAD	DEAD LOAD	DEFLECTION
USE	(PSF)	(PSF)	(LL)
Attics without storage	10		L/240
Attics with limited storage	20	10	L/360
Attics with fixed stairs	40	10	L/360
Balconies and decks	40	10	L/360
Fire escapes	40	10	L/360
Guardrails and handrails	200		(in the second
Guardrail in-fill components	50		
Passenger vehicle garages	50	10	L/360
Rooms other than sleeping	40	10	L/360
Sleeping rooms	30	10	L/360
Stairs	40		L/360
Coout	20		

FRAMING LUMBER: All non treated framing lumber shall be SPF #2 (Fb = 875 PSI) or SYP #2 (Fb = 750 PSI) and all treated lumber shall be SYP #2 (Fb = 750 PSI) unless noted other wise.

ENGINEERED WOOD REAMS

Laminated veneer lumber (LVL) = Fb=2600 PSI, Fv=285 PSI, E=1.9x106 PSI Parallel strand lumber (PSL) = Fb=2900 PSI, Fv=290 PSI, E=2.0x106 PSI Laminated strand lumber (LSL) Fb=2250 PSI, Fv=400 PSI, E=1.55x106 PSI Install all connections per manufacturers instructions.

TRUSS AND I-JOIST MEMBERS: All roof truss and I-joist layouts shall be prepared in accordance with this document. Trusses and I-joists shall be installed according to the manufacture's specifications. Any change in truss or 1-joist layout shall be coordinated with Haynes Homes Plans, Inc.

LINTELS: Brick lintels shall be 3 1/2" x 3 1/2" x 1/4" steel angle for up to 6'-0" span. 6" x 4" x 5/16" steel angle with 6" leg vertical for spans up to 9'-0" unless noted otherwise. 3 1/2" x 3 1/2" x 1/4" steel angle with 1/2" bolts at 2'-0" on center for spans up to 18'-0" unless noted otherwise. FLOOR SHEATHING: OSB or CDX floor sheathing minimum 1/2" thick for 16" on center joist spacing, minimum 5/8" thick for 19.2" on center joist spacing, and minimum 3/4" thick for 24" on center joist spacing.

ROOF SHEATHING: OSB or CDX roof sheathing minimum 3/8" thick for 16"

on center rafters and 7/16" for 24" on center rafters.

CONCRETE AND SOILS: See foundation notes.

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN. Trusses to be designed and engineered in accordance with these drawings. Any variation with these drawings must be brought to Haynes Home Plan, Inc. attention before construction begins.

KNEE WALL AND CEILING HEIGHTS. All finished knee wall heights and celling heights are shown furred down 10" from roof decking for insulation. If for any reason the truss manufacturer fails to meet or exceed designated heel heights, finished knee wall heights, or finished ceiling heights shown on these drawings the finished square footage may vary. Any discrepancy must be brought to Haynes Home Plans, Inc. attention, so a suitable solution can be reached before construction begins. Any variation due to these conditions not being met is the reasonability of the truss manufacturer.

ANCHORAGE. All required anchors for trusses due to uplift or bearing shall meet the requirements as specified on the truss schematics. BEARING. All trusses shall be designed for bearing on SPF #2 plates or

Plate Heights & Floor Systems. See elevation page(s) for plate heights

EXTERIOR HEADERS

- (2) 2 X 6 WITH 1 JACK STUD EACH END UNLESS NOTED OTHERWISE - KING STUDS EACH END PER TABLE BELOW HEADER SPAN < 3' 3'-4' 4'-8' 8'-12' 12'-16' KING STUD(S) 1 2 3 5 6

INTERIOR HEADERS

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

ATTIC ACCESS

SECTION R807

R807.1 Attic access. An attic access opening shall be provided to attic areas that exceed 400 square feet (37.16 m2) and have a vertical height of 60 inches (1524 mm) or greater. The net clear opening shall not be less than 20 inches by 30 inches (508 mm by 762 mm) and shall be located in a hallway or other readily accessible location. A 30-inch (762 mm) minimum unobstructed headroom in the attic space shall be provided at some point above the access opening. See Section M1305.1.3 for access requirements where mechanical equipment is located In attics.

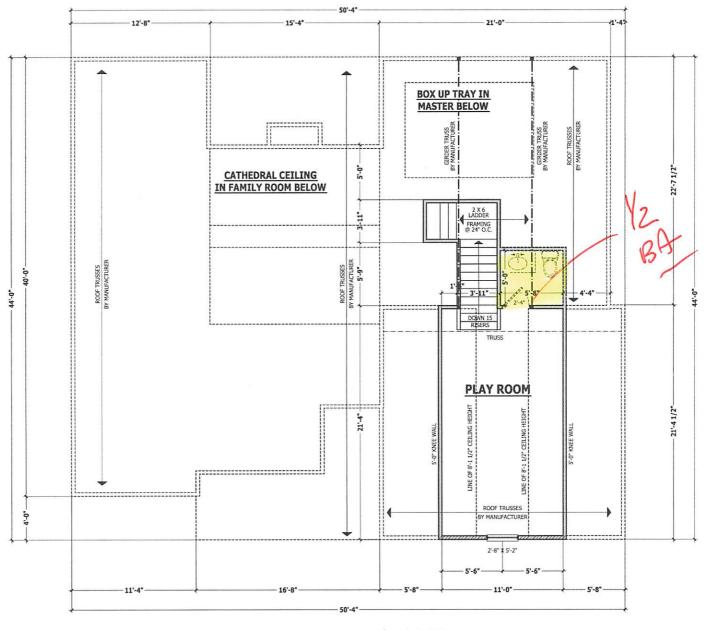
 Concealed areas not located over the main structure including porches, areas behind knee walls, dormers, bay windows, etc. are not required to have access.

2. Pull down stair treads, stringers, handrails, and hardware may protrude into the net clear oper

WALL THICKNESSES

Exterior walls and walls adjacent to a garage area are drawn as 4" or as noted 2 X 6 are drawn as 6" to include 1/2" sheathing or gypsum. Subtract 1/2" for

Interior walls are drawn as 3 1/2" or as noted 2 X 6 are drawn as 5 1/2", and do not include gypsum.



SECOND FLOOR PLAN

MENSIONS AND CONDITION FORE CONSTRUCTION BEGIN

HAYNES HOME PLANS, INC. ASSUMES NO LIABILITY FOR CONTRACTORS PRACTICES AN PROCEDURES.

CODES AND CONDITIONS MAY VARY WITH LOCATION. A LOCA DESIGNER, ARCHITECT OR INGINEER SHOULD BE CONSULTI BEFORE CONSTRUCTION.

THESE DRAWING ARE
INSTRUMENTS OF SERVICE A
AS SUCH SHALL REMAIN
PROPERTY OF THE DESIGNE

PLAN SINCLAIR SECOND FLOOR

SQUARE FOOTAGE HEATED FIRST FLOOR 1851 SQ.F PLAYROOM 221 SQ.F HEATED OPTIONAL

UNHEATED ARACE EAR PORCH UNHEATED OPTIONAL

© Copyright 2019 Haynes Home Plans, Inc 3/6/2020

190320B

PAGE 6 OF 8

ROOF TRUSS REQUIREMENTS

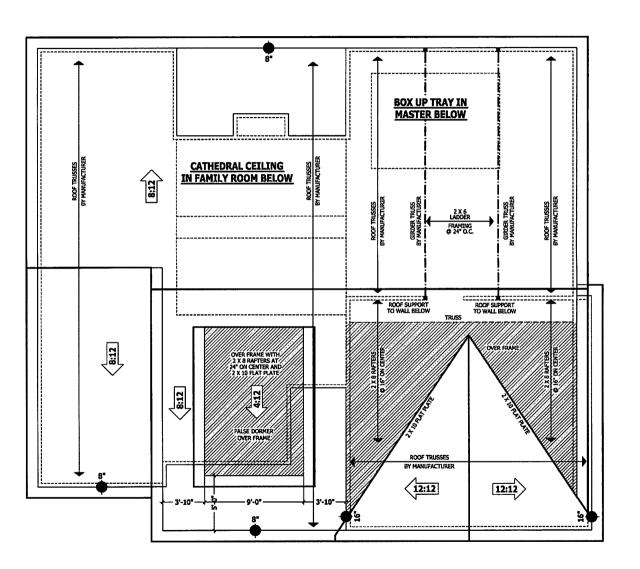
RUSS DESIGN. Trusses to be designed and originatoral in accordance with these drawings. Any variation with these drawings must be brought to Hayme Home Plan, Inc. attention before construction begins (NICE WALL AND CELLINE RESIDNES). An invalid nice wall heights and calling heights are shown furmed down 10° from nord decking for insulation. If for any reasons the trust insulation that fore any except the trust insulation and square footage may very, Any discrepancy must be brought to Haymes Home Plans, Inc. extendion, so a sustable southout one he reached before construction begins. Any variation due to these conditions not being met in the reasonability of the trust mentionator.

AMCKORAGE. All required sentions for those due to uptift or bearing shall meet the requirements as specified on the trust such emistions. BEARTING, All trusses shall be designed for bearing on SFF 42 plates or ledgers unless noted otherwise.

Plate Neights à Roor Systems. See devision page(s) for plate heights and fore system trisdenses.

HEEL HEIGHT ABOVE FIRST FLOOR PLATE

HEEL HEIGHT ABOVE SECOND FLOOR PLATE



ROOF PLAN SCALE 1/4" = 1'-0"

ROOF PLAN

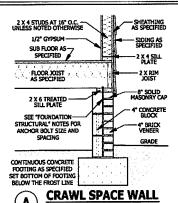
SINCLAIR

SQUARE FOOTAGE
HATED
PSTACO. 125 SC!
PSTACO. 1

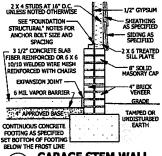
© Copyright 2019 Heynos Home Plans, Inc

3/6/2020 190320B

PAGE 7 OF 8



A SCALE 3/4" = 1'-0"



GARAGE STEM WALL D SCALE 3/4" = 1'-0"

DECK STAIR NOTES

SECTION AM110 AM110.1 Stairs shall be constructed per Figure AM110. Stringer spans shall be no greater than 7 foot span between supports. Spacing between stringers shall be based upon decking material used per AM107.1. Each Stringer shall have occuring material uses for whole the cut and back of stringer minimum 3 1/2 inches between step cut and back of stringer. If used, suspended headers shell shell be attached with 3/8 inch galvanized botts with nuts and washers to securely support stringers at the top.

DECK BRACING

SECTION AM109 AM109.1 Deck bracing. Decks shall be braced to provide lateral stability. The following are acceptable means to provide lateral stability.

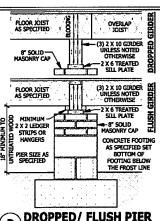
AM109.1.1. When the deck floor beloht is less than 4'-0' above finished grade per Figure AM109 and the deck is attached to the structure in accordance with Section AM104, lateral bracing is not required. AM109.1.2. 4 x 4 wood knee braces may be provided on

each column in both directions. The knee braces shall attach to each post at a point not less than 1/3 of the post length from the top of the post, and the braces shall be angled between 45 degrees and 60 degrees from the horizontal. Knee braces shall be bolted to the post and the cimer/double band with one 5/8 Inch hot disped anized bolt with nut and washer at both ends of the brace per Figure AM109.1

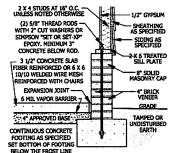
AN109.1.3. For freestanding decks without knee braces or diagonal brading, lateral stability may be provided by

and the following:						
POST SIZE	TRUETARY	MAX. POST HEIGHT	eksedkent Depth	CONCRETE		
4X4 6X6	48 SF 120 SF	4'-0" 6'-0"	2'-5"	1'-0"		
400	1 200 2					

09.1.4. 2 x 6 diagonal vertical cross bracing be provided in two perpendicular directions for fractionalists or parallel to the structure at the extension column line for attached decks. The 2 x 6's shall be attached to the posts with one 5/8 inch hot dipped sized bolt with nut and washer at each end of each bracing member per Figure AM109.3. AN109.1.5. For embedment of pries in Coastal Regions.



DROPPED/ FLUSH PIER В SCALE 3/4" = 1'-0"



<48" GARAGE WING WALL E SCALE 3/4" = 1'-0"

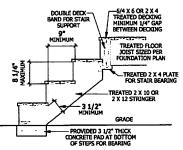


FIGURE AM110 TYPICAL DECK STAIR DETAIL

SHEATHING-AS SPECIFIED

LATH

SEE FOUNDATION

FOR FOUNDATION

DETAILS

WEEP SCREED

SCALE 3/4" = 1'-0"

SCALE 3/4" = 1'-0"

STONE VEENER

AS SPECIFIED

VAPOR BARRIE

WEEP SCREED

MINIMUM 4" TO

GROUND OR 2" TO PAVEMENT

GRADE

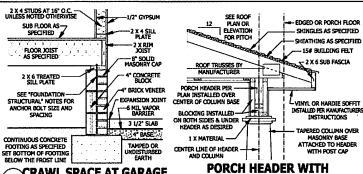
WEEP SCREEDS

All weep screeds and stone veneer to be installed ner manufactures instructions and per the 2012 North Carolina Residential

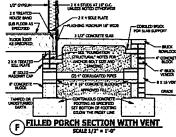
R703.6.2.1 - A minimum 0.019-inch (0.5 mm) (No. 26 galvanized sheet gage), resistant ween screed or plastic attachment flange of 31/2 inches (89 mm) shall be provided at or below the foundation plate line on exterior stud walls in accordance with ASTM C 926. The weep screed shall be placed a minimum of 4 inches (102 mm) above the earth or 2 inches (51 mm) above payed areas and shall be of a type that will allow trapped water to drain to the exterior of the building. The weather-resistant barrier shall lap the attachment flange. The exterior lath

shall cover and terminate on the

attachment flange of the weep screed.



CRAWL SPACE AT GARAGE SCALE 3/4" = 1'-0"



SOLT POST TO GOODA X 6 OR 2 X 4 TREATES ATTACH XOEST WITH HANGERS OR TREATED 2 X 2 LEDGER SAT HOT-DEPED GALVAGES P FROM EDGE WITH (1) 126 COMMON HOT-OPPED LYNNEZED NAILS AT 6" D.C. POOTING SIZED PER— POUNCATION PLAN SET BOTTOM OF POOTING DOLOW PROST LINE (G) DECK ATTACHMENT

SMOKE ALARMS

R314.1 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with

permitted. The household fire alarm system shall provide the some level of smoke detection and alarm as required by this section for smoke alarms. Where a household fire warning system is installed using a combination of smoke detector and audible notification device(s), it shall become a permanent future of the occupancy as owned by the homoowner. The system shall be monitored by an

REPAY 2. Exception: Where smoke elarms are provided meeting the requirements of Section R314.4. R314.3 Location. Smoke elarms shall be installed in the following

In each sleeping room.

2. Dutside each separate sleeping area in the immediate vicinity of

without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level provided that the lower level is less than one full story below the upper level.

rourrent protection. Smoke elarms shall be inte

CARBON MONOXIDE ALARMS

TAPERED COLUMN

SCALE 3/4" = 1'-0'

alarms. In new construction, dwelling units shall be provided with an approved carbon monoxide alarm installed outside of each

provided with an approved carbon monospot starm installed outside of each expertate slocging area in the Inmediate vidently of the bedroom(s) as directed by the atarm manufacturer. \$183.3. Where monglared in existing dwellings, In existing dwellings, where interior steretions, repairs, fuel-fixed appliance replacements, or additions requiring a permit counts, or whore one or more stacements, or additions requiring a permit counts, or whore one or more stacements, or additions I, carbon monoxide alarms shall be provided in accordance with Section

R315.3 Alerm requirements. The required carbon monoxide alarms shall be audible in all bedrooms over bedground noise levels with all intervening doors closed. Single station carbon monoxide alarms shall be listed as complying with UL 2004 and shall be installed in accordance with this code and the

STAIRWAY NOTES

R311.7

R311.7.2 Headroom. The minimum headroom in all parts of the stairway shall not be less than 6 feet 8 Inches (2032 mm) measured vertically from the sloped line adjoining the tread nosing or from the floor surface of the landing or platform on that portion of the stainway.

9311.7.4 Stair trends and risers. Stair treads and risers shall meet the requirements of this section. For the purposes of this section #8 dimensions and dimensioned surfaces shall be exclusive of carpets, rugs or runners. R311.7.4.1 Riser height. The maximum riser height shall be 8 1/4 inches (210 mm). The riser shall be measured vertically between leading edges of cent treads.

R311.7.A.2 Tread depth. The minimum tread depth shall be 9 inches (229) R33.1.7.4.3 Troad depth. The minimum tread depth shall be 9 inches (29) mm). The tread depth shall be massured notomatical between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. Which treads shall have a minimum tread depth of 9 inches (229 mm) measured as above at a point 12 inches (305 mm) from the side where the treads are narrower. Which it reads shall have a minimum tread depth of 4 inches (102 mm) at any point.
R31.1.7.A.3 Profile. The radius of curvature at the naring shall be no greater than 9/16 inch (14 mm). A nosing not less than 3/4 inch (19 mm) but not

more than 1 1/4 inches (32 mm) shall be provided on stairways with soli

9311.7.7 Nandralls. Harviralls shall be grounded on at least one side of each Continuous run of treads or flight with four or more risers.

R311.7.7.1 Height, Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34 inches (664 mm)and not more than 38 inches (965 mm).

1. The use of a voluce, turnout or starting easing shall be allowed over the

lowest tread.

2. When handrall fittings or bendings are used to provide continuous transition between flights, the transition from handrall to guardrall, or used at the start of a flight, the handrall height at the fittings or bendings shall

be permitted to exceed the maximum height.

R311.7.7.2 Continuity, Handrails for stairways shall be continuous for the full length of the flight, from a point directly above the top riser of the flight. to a point directly above the lowest riser of the flight. Handrall ends shall be returned or shall terminate in newel posts or safety terminals. Handrails adjacent to a well shall have a scace of not less than 11/2 inch (38 mm). between the wall and the handraits.

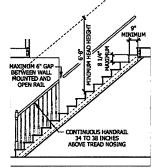
1. Handrails shall be permitted to be interrupted by a newel post. 2. The use of a volute, turnout, starting easing or starting newel shall be

allowed over the lowest tread. 3. Two or more separate rails shall be considered continuous if the termination of the rails occurs within 6 inches (152 mm) of each other. If transitioning between a wall-mounted handrail and a guardrail/handrail, the ted rail must return into the wait.

OR ELEVATIONS SKINGLES AS SPECIFIED -- 15# BUILDING FELT ROOF INSULATION PER CLIMATE ZONE SEE CODE NOTE ON PLEVATION PAGES -SHEATHING AS SPECIFIED INSULATION BAFFLE (2) 2 X 4 TOP PLATE-— 1/2" GYPSUM X R FASCIA WALL INSULATION PER CLIMATE ZONE -- SOFFIT SEE CODE NOTE ON SOFFIT VENTING **ELEVATION PAGES** OPTIONAL 1 X 4 FRIEZE 3/4" SUBFLOOR-2 X 4 SILL PLATE - SHEATHING AS SPECIFIED SIDING AS SPECIFIED FLOOR TRUSSES AS SPECIFIED (2) 2 X 4 TOP - 1/2° GYPSUM X 4 STUDS AT WALL INSULATION PER CLIMATE ZONE SEE CODE LINLESS NOTED NOTE ON ELEVATION PAGES 2 X 4 STUDS AT 16" O.C. — UNLESS NOTED OTHERWISE 1/2° GYPSUM · SUB FLOOR AS-SPECIFIED AS SPECIFIED 2 X 6 TREATED SILL PLATE SEE "FOUNDATION-STRUCTURAL* NOTES FOR ANCHOR BOLT SIZE AND 4" BRICK VENEER SPACING GRADE CONTINUOUS CONCRETE FOOTING AS SPECIFIED SET BOTTOM OF FOOTING BELOW THE EROST LINE

PITCH PER ROOF PLAN

TYPICAL WALL DETAIL SCALE 3/4" = 1'-0"



TYPICAL STAIR DETAIL

Copyright 2019 Haynes Home Plans, Inc 3/6/2020

SQUARE FOOTAGE

HEATED OPTIONAL
WEF BATH
WEF BATH
WEF BATH
WEF BATH
WEATED
PRONT FORCH
EAR F

HEATED OPTIONAL

URCHASER HUST VERIFY A MENSIONS AND CONDITION FORE CONSTRUCTION (ESC.

HAYNES HORE PLANS, DIC. ASSURES NO LIABILITY FOR ONTRACTORS PRACTICES AN PROCEDURES.

DESIGNER, ARCHETECT OR SPREER SHOULD BE CONSULT MEPORE CONSTRUCTION. THESE DRAWING ARE STRUMENTS OF SERVICE AN

AS SUCH SHALL REMAIN PROPERTY OF THE DESIGNES

DETAIL

YPICAL

52

SINCLAIR

190320B PAGE 8 OF 8

the provisions of this code and the household fire warning the provisions of this code and the household nie warning equipment provisions of NFPA 72.

R334.2 Shrekis detection systems. Household fire alarm systems installed in accordance with NFPA 72 that include smoke alarms, or a combination of smoke detector and auditie notification device installed as required by this section for smoke elemns, shall be

approved supervising station and be maintained in accordance with NFPA 72.

the bedreoms.

3. On each additional story of the dwolfing, including basemonts and habitable ettics (finished) but not including grawl spaces, uranhabitable (unfinished) ettics and uninhabitable (unfinished) ettics and uninhabitable (unfinished) attics and strictsprints. In dwolfings or dwolfing units with split levels and

below the upper level. When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of

in such a manner that the actuation of one alarm will activate all the alarms in Individual unit.

R314.4 Power source. Smoke alarms shall recover their primary power from the building wirring when such wirring is served from a commencial source, and when primary power is intermpted, shall recover power from a battery. Wirring shall be permanent, and without a disconnecting switch order those required for whose required for