# **DETACHED SINGLE FAMILY DWELLING**

## MODEL 1944 - GARAGE RIGHT

### CONTENTS

- CONTENTS AND PROJECT INFORMATION MONOLITHIC SLAB FOUNDATION PLAN
- FIRST FLOOR PLAN
- SECOND FLOOR PLAN
- **ELEVATION A**
- **ELEVATION B**
- **ELEVATION C** 4.2
- TYPICAL BUILDING SECTION
- FOUNDATION, WALL AND SOFFIT DETAILS FOUNDATION AND WALL DETAILS
- FOUNDATION AND WALL DETAILS
- **ELEVATION A DETAILS**
- **ELEVATION B/C DETAILS** FIRST FLOOR ELECTRICAL PLANS
- SECOND FLOOR ELECTRICAL PLANS
- STANDARD DETAILS AND NOTES MONOLITHIC

AREA SCHEDULE	
FIRST FLOOR HEATED	1,149 SF
SECOND FLOOR HEATED	783 SF
TOTAL HEATED AREA	1,932 SF
GARAGE *	388 SF
COVERED FRONT PORCH	50 SF
TOTAL COVERED AREA	2,370 SF
OPT. COVERED REAR PORCH	153 SF

\* ADD 252 SF @ THIRD-CAR GARAGE OPTION

Homesite 129 Plan 1944 Elevation C Garage Right

- -Mono Slab
- -Patio
- -Third Car Garage
- -Deluxe Primary Bath
- -First Floor Pickets and Rails

### **GENERAL NOTES**

1. GENERAL CONDITIONS
1. STAIRS: ALL STAIRS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS ESTABLISHED.

01. GENERAL CONDITIONS

1. STAINS: ALL STAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUREMENTS ESTABLISHED BY THE ADDRESS BHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUREMENTS ESTABLISHED BY THE ADDRESS BHALL BE CONSTRUCTED IN ACCORDANCE WITH STAIR RISER 8-1-/4"; IMBINUM STAIR TERAD S' WITH A 3/4" - 1-1-/4" NOSING ON STAIRS WITH SOLD BUSER, MENUAL STAIR HEADROOM 6-1-9" CLEAR MEASURED VERTICALLY FRON THE STAIR NOSING OR FROM THE FLOOD SURFACE OF THE LANDING OR PLATFORM, MINIMUM CLEAR STAIR OPENING WITH SHALL NOT BE LESS THAM 36 INCHES. STAIRS WITH OPEN RISERS SHALL BE CONSTRUCTED TO PREVENT THE PASSAGE OF A STHERE OF A INCHES. OR HORE IN DAMETER THROUGH THE RISER OPENINGS. THE GREATEST ISSER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL BE CONSTRUCTED TO PREVENT THE PASSAGE OF A STHERE OF A INCHES. OR HORE IN DAMETER THROUGH THE SHALLEST BY MORE THAM 3/6 INCHES. STAIRS SHALL NOT EXCED THE SHALLEST BY MORE THAN 3/6 INCHES. THE GREATEST TREAD RUN WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCED THE SHALLEST BY MORE THAN 3/6 INCHES, RESPECTIVELY, MEASURED VERTICALLY FROM THE NOSING OF THE TREADS, AND SHALL BE PROVIDED ONE AT LEAST ON SIDE OF STAIRWAYS OF FOUR NORE INSERS. HANDRALLS SHALL BE CONTINUOUS THE PILL LIDATION OF THE STAIRS. BLOOD SHALL TERMINATE IN NEWLY POSTS OR SAFETY TERMINALS, ALL STAIRS HAVE AN SHALL BRY THAN A 1/2 INCHES SHALL BY A COURSE OF A SHALLE FOR AT LEAST ON THE WALL SHALL HAVE A SPACE OF NOT LESS THAN 16 AND SHALL BE INSTALLED AT THE WALL SHALL HAVE A SPACE OF NOT LESS THAN 36 HAVE A 1/2 INCHES BETYLED THE WALL AND THE WALL SHALL HAVE A SPACE OF NOT LESS THAN 36 HAVE A SPACE OF THE PILL AND SHALL BE INSTALLED AT ALL PROVIDED FOR BELLOW OF THE SHALL SHALL HAVE A SPACE OF NOT LESS THAN 36 HAVE BEEN SHALL BE INSTALLED AT ALL PONCHES, BALCONIES, OR RAYSED FLOOR SURFACES LOCATED MORE THAN 30 SHALL BE INSTALLED AT ALL PONCHES, BALCONIES, OR RAYSED FLOOR SURFACES LOCATED MORE THAN 30 SHALL BE INSTALLED AT ALL PONCHES BY HORDES SHOWN ON THE WALL CONFIRM WINDOW SOED FROM SHALL REVENDED HERE FLOOR OR

THAT A CLARFICATION NOTICE CAN BE ISSUED.
6, THE COMPONENTS AND CLADDING SIALL BE ATTACHED FOR WIND SPEED REQUIREMENTS NOTED ON THIS COVER SHEET OR PER THE GOVERNING BULDING OFFICIAL'S REQUIREMENTS.

02. SITE WORK PRESUMED SOIL BEARING CAPACITY IS NOTED ON THIS COVER SHEET. THE BUILDER IS RESPONSIBLE

- FOR VERIFYING THIS BEARING CAPACITY, ALL FOOTINGS SHALL BEAR ON UNDISTURBED SOIL OR 2. THE BOTTOM OF ALL FOOTINGS SHALL BE BELOW THE FROST LINE AS DEFINED BY THIS COVER SHEET, THE
- 2. THE BUTTOM OF ALL POUTINGS SHALL BELEDINT HER TWOST LEVER SO TEMPORED IT THE OVERWING BUILDING OFFICIAL'S REQUIREMENTS AND/OR 12" MINIMAM.

  3. FOR RASEMENT CONDITIONS, THE MAXIMUM VERTICAL DISTANCE MEASURED FROM THE TOP OF A BASEMENT FLOOR SLAB TO THE OUTSIDE FINISHED GRADE SHALL NOT EXCEED DISTANCES FOR THE WALL THICKNESS AS SHOWN IN RCTABLES R-40-4.1.1 (1-4) OR R-40-4.1.2 (1-5) BASED ON
- VALL TYPE AND SOIL CLASS. DO NOT BACKFILL UNTIL WALLS HAVE CURED AND THE ENTIRE BUILDING STRUCTURE ABOVE IS IN PLACE, BACKFILL SHALL BE CLEAN GRANULAR FILL, FREE OF ORGANIC MATERIAL, PLACED
- EQUALLY ON ALL SIDES, COMPACTED TO 95% MAXMUM DRY DENSITY PER ASTM D698. FINISHED GRADE SHALL SLOPE AWAY FROM THE BUILDING AT A MINIMUM SLOPE OF 6 INCHES PER FOR A MINIMUM DISTANCE OF 10 FEET FROM THE BUILDING PER IRC SECTION R401.3. TERMITE TREATMENT - TREAT INTERIOR AND EXTERIOR EARTH AT PERIMETER WITH EPA APPROVED TERMICIDE, SPRAY BORA-CARE OR EQ, TERMICIDE & MOLD TREATMENT ON STUDS 3 FEET ABOVE SLABS

## PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE TERMITE SHIELDS WHERE SHOWN ON PLANS.

- CAST-IN-PLACE CONCRETE
  DISCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI. EXTERIOR SLABS TO BE 3,000 PSI, MIN. 5% & MAX. 7% AIR ENTRAINED CONCRETE
- CONCRETE PLACEMENT SHALL COMPLY WITH RECOMMENDATIONS OF ACI 332. CONCRETE SLABS SHALL HAVE POLYPROPYLENE FIBER ADDITIVE (1.5 LB/CY) OR WWF REINFORCEMENT
- 6 X 6. W1.4 X W1.4 PER ASTM A 185 LOCATED MIDWAY THROUGH THE SLAB THICKNESS. ALL SLABS ARE TO REAR ON COMPACTED FILL TESTED FOR 95% MAXIMUM DRY DENSITY PER ASTM D698 I. REINFORCING STEEL WHERE SHOWN ON PLANS SHALL CONFORM TO ASTM A615, GRADE 60 MIN.
- 5. PROVIDE A 6 MIL POLYETHELENE MOISTURE VAPOR BARRIER MEMBRANE UNDER INTERIOR AND GARAGE
- CONCRETE SLABS AND FOOTINGS WHERE INDICATED ON THE DRAWINGS. LAP SHEETS 6" MIN. AT JOINTS. S. COVERED PORCHES SLABS SHALL SLOPE AT A MINIMUM SLOPE OF 1/6" PER FOOT TO DRAIN

- WATER AWAY FROM EXTERIOR WALLS. UNOVERED PATO SLABS SHALL SLOPE AT 1/4" PER FOOT.

  9.1. MASONRY

  1. CONCRETE MASONRY UNITS (CRU) SHALL CONFORM TO ASTM C90, GRADE N, NORMAL WEIGHT UNITS.

  2. MORTAR TO BE TIPE "M" WITH A 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI. PROVIDE CONTINUOUS HORCONTLA JOHN TERNFOCKING EVERY OTHER COURSE. MORTAR TO MEET STATH C270 STRADADADS.

  3. GROUT SHALL MEET THE REQUREMENTS OF ASTM CA76 WITH A 28 DAY COMPRESSIVE STRENGTH OF 2,500 PSI. GROUT ALL CELLS RECEIVANG ANCHORS AND THE TOP COURSE OF ALL BEASING WALLS.

  4. FACE BRICK SHALL BE STANDARD SZE AND COMPLY WITH ASTM C216, RUNNING BOND WITH TOOLED JOHN A POLYCLOPIC AND SCIENCE BRICK SHALE BE RICK VENEER TO WALL STUDS WITH 22 GA. GALV. METAL TIES ATTACHED TO STUDS WITH 88 NAILS SPACING AS SHOWN ON PLANS.

  5. APPLY A BITURNOUS WATERPROOF MEMBRANE TO THE EXTERIOR OF ALL BASEMENT WALLS TO BE BELOW GRADE ATTER BACKFELING.

  6. MANAFACTURED STONE WHERE SHOWN ON PLANS, SHALL BE INSTALLED IN STRUCT ACCORDANCE WITH MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURES SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURE SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURE SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURE SINSTALLATION INSTRUCTIONS AND DETALS AND THE MASONRY VENEER MANAFACTURE SINSTALLATION SITURES.
- WITH ASTM C1780.

  S. STRUCTURAL STEEL

  1. STEEL BEAMS AND PLATES SHALL CONFORM WITH ASTM A36. STEEL COLUMNS SHALL CONFORM
  TO ASTM A53.

  2. ALL STRUCTURAL STEEL SHALL BE INSTALLED IN ACCORDANCE WITH CURRENT AISC SPECIFICATIONS
  AND "STEEL CONSTRUCTION MANALL" ALL PIPE COLUMNS SHALL BE STANDARD WEGHT STEEL
  COLUMNS IN ACCORDANCE WITH ASTM ASOG AND PINISHED WITH CORROSION RESISTANT COATING
  PER ASTM B117. STEEL COLUMNS AT BASEMENT LOCATIONS SHALL PENTERATE THE BASEMENT
  SLAB DOWN TO THE TOP OF THE COLUMN FOOTHS BELOW SLAB.

  3. ALL BRICK STEEL LINTELS SHALL BE SIZED PER STRUCTURAL DRAWINGS ON SHEET SD1.

### 06. WOOD 1. FRAMING LUMBER SHALL BE IDENTIFIED BY A GRADE MARK OR CERTIFICATE OF INSPECTION WHICH

PROVIDES THE FOLLOWING MINIMUM DESIGN VALUES:

GRADE HEM/SYP/SPF #2 OR BETTER PRESSURE TREATED LUMBER SYP #2 OR BETTER HEM/SYP/SPF #3 STANDARD Fc = 425 PSI 2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN WOOD COUNCIL (AWC),

2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE AMERICAN WOOD COUNCL (AWC),
"WOOD FRAME CONSTRUCTION MANUAL," (WECH) AND SHALL COUNTY WITH RC R301.1 TO SUPPORT
AND TRANSFER ALL LOADS SAFELY TO THE FOUNDATION.

3. THE DESIGN LOADS FOR PREFABRICATED WOOD TRUSSES ARE PER THESE SPECS., THE GOVERNING BUILDING CODE
AND CURRENT EDITIONS OF TIP 1-AND INDS. THE TRUSS WANNE, SHALL PROVOE SHOP DRAWNICS, SEALED BY A STATELICENSED DESIGN PROFESSIONAL, FOR APPROVAL PRIOR TO FABRICATION. INSTALL TRUSSES AND ENGINEERED
LIMBER IN STRICT ACCORDANCE WITH THE SHOP DRAWNINGS AND WITCA-81 AND WITCA-81 ALL POINT LOADS,
PASTALL UNFORM LOADS OR COMBINATIONS THEREOF SHALL BE DETERMINED BY THE TRUSS MANUFACTURER AND
ACCOUNTED FOR IN THE DESIGN OF THE ROOF AND/OR FLOOR SYSTEM.

4. PREFABRICATED WOOD-LYOISTS SHALL BE RATED PER ASTM DSOSS AND INSTALLED PER SHOP DRAWNINGS

PARTIAL UNIONE LOADS OR COMBINATIONS HERROS FINCH EDITEDIATED THE RISO STATEM.

4. PREFABRICATED WOOD-JOISTS SHALL BE RATED PER ASTH DISOSS AND INSTALLED PER SHOP DRAWINGS.

5. HANGERS, PROVIDED BY THE MANUFACTURER.

5. HANGERS, ANCHORS AND FASTEMERS, WHEN CALLED FOR IN SHOP DRAWINGS OR THESE DRAWINGS,
SHALL BE INSTALLED IN COMPILANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

ALL HANGERS, FRAMING ANCHORS AND FASTEMERS IN CONTACT WITH PRESSURE TREATED WOOD TO BE STAINLESS
STEEL OR CALLYANIZED PER GI BIS ARTING Z-HAZY CONTINE BY SUPPSON OR TREPLE ZINC: BY USP.

6. BEAMS AND HEADERS ARE TO BEAR ON JACK STUDS GAS NOTED ON THE PLANS, SHOP DRAWINGS, OR PER CODE.
PROVIDE SOLD BLOCKING BLOW ALL JACK STUDS FORWING S OF SHOP DRAWINGS, OR PER CODE.
PROVIDE SOLD BLOCKING BLOW ALL JACK STUDS FORWING ACCONTRACUS BEARRIG LINE TO THE FOUNDATION.

7. ALL LUMBER IN CONTACT WITH EARTH, CONCRETE OR MASONRY SHALL BE PRESSURE TREATED. FIELD TREAT
SAWED, DRILLED OR NOTGED TEATED LUMBER PER AWAP M4-11.

8. PROVIDE STRUCTURAL SHEATHING WHERE NOTED ON PLANS. ALL WOOD SHEATHING WITH "I'P CLES BETWEEN TRUSSES.

9. INSTALL FRIEBLOCKING PER R302-11 TO CUT OFF DRAFT OPENINGS AT ALL INTROCNICETIONS BETWEEN
CONCRALED VERTICAL AND HORIZONTAL SPACES, BETYVEEN STORES, AND BETWEEN THE TOP STORY AND ROOF.

10. STILDS FOR EXTERIOR WHALL SHALL BE SYZED PER THE INTERNATIONAL RESIDENTIAL CODE, TABLE R602-3.1

11. ALL NOTCHES AND CUTS IN FRANKING SHALL NOT EXCEED MAX. DIRENSIONS AS DEFINED IN THE RC R602-6.

9. THERMAL AND MOSTILES FROTEGICAN.

1. INSTALL INSULATION MATERIALS TO NEET THE "IN YALLES AS SHOWN ON THE DRAWINGS. FIT INSULATION TIGHT
INTO SPACES AND LEAVE FROTEGICAN'

1. INSTALL INSULATION MATERIALS TO NEET THE "IN YALLES AS SHOWN ON THE DRAWINGS. FIT INSULATION TIGHT
INTO SPACES AND LEAVE TO GAPS ON YOURS. PROVIDE RIGHD INSULATION WHERE SHOWN ON PLANS. AT INTERIOR

WALLS SEAL ALL JONTS, SEALS AND PENETRATIONS TO PREVENT AR LEAKAGE PER HI 102-4.

2. INSTALL FRIBERGASS/SAPPILAT ROOF SINGLES IN ACCORDANCE WITH MANDE. INSTRUCTIONS AND ASPHALT ROOFI

- WIND PRESSURE RESISTANCE TO BE DETERMINED BY ASTM E330,

  98. DOORS, WINDOWS AND GLASS

  1. INSTALL DOORS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION RECOMMENDATIONS.

  2. ALL ALIMINIAM AND/OR VINYL (PVC) AND/OR WOOD WINDOWS AND DOORS SHALL CONFORM TO CLASS R WITH DP PERFORMANCE GRADE AS NOTIED ON THE COVER SHEET, TESTED PER AMACMYDIA/CSA 101/LS.2/A440 FOR THE APPLICABLE WINDOW AND DOOR TYPES SHOWN ON THE DRAWINGS, WISTALL TEMPRED GLASS AND WINDOWS WHERE NOTED ON PLANS OR AS REQUIRED SHOWN ON THE STALL THE PREPARED GLASS AND WINDOWS WHERE NOTED ON PLANS OR AS REQUIRED SHOWN ON THE STALL SHOWN ON THE COVER SHEET AND TESTED PER NINC 100 AND NINC 200 RESPECTIVELY.

  3. INSTALLATION AND FLASHING OF WINDOWS AND DOORS TO BE IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS AND ASTM E2112.

  4. INSECT SCREENS TO BE IN ACCORDANCE WITH ANSJUSIA 1004, ANSJUSIA 2006, OR ANSJUSIA 3001.

  5. PROVIDE AND INSTALL HARDWARE PER OWNER'S SCIEDULE.

  6. GARAGE DOORS SHALL BE CERTIFED IN ACCORDANCE WITH ASTMUSIASIA 108 FOR THE APPLICABLE WIND PRESSURES AS NOTED ON THE COVER SHEET.

- APPLICABLE WIND PRESSURES AS NOTED ON THE COVER SHEET.

- 93. FRASHES
  1, GYPSUM WALL BOARD, GYPSUM SHEATHING MATERIALS AND ACCESSORES SHALL BE INSTALLED IN ACCORDANCE
  WITH IRC R70.3 AND WITH GA-253 "APPLICATION OF GYPSUM SHEATHING" PUBLISHED BY THE GYPSUM ASSOCIATION.
  2. INSTALL FLOOR COVERINGS AS SHOWN ON PLANS OR PER OWNER'S SCHEDULE PER MANUF. INSTALLATION INSTRUCTIONS.
- O. SPECIALTIES 1. PROVIDE KITCHEN AND BATH CABINETS FIXTURES AND APPLIANCES, FIREPLACE, HARDWARE AND HISC. ITEMS PER OWNERS SCHEDNIE INSTALLATIONS TO BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. PRE-FAB FIREPLACES TO BE ULLISTED AND COMPLY WITH UL 127.

- 11-14. IV/A

  15. HECHANICAL

  1, INSTALL VENTILATORS AND HEATING AND AIR CONDITIONING SYSTEMS AS SHOWN ON PLANS OR PER OWNER'S SCHEDULE. SZE ALL EQUIPMENT PER ACCA MANUAL 5 AND J AND INSTALL FOR FUTURE ACCESS SERVICE AND REMOVAL. PROVIDE COMBUSTION AIR WHEN REQURED PER M1701. ALL DUCTWORK AND PIPING LOCATED IN COMBUSTION AIR WHEN REQUIRED PER MITOT. ALL DUCLIYORK AND PHYRIC LOCATED IN UNCONDITIONED SPACES SHALL BE INSULATED AND SEALED PER CODE. INSTALL DRYER DUCT TO OUTSIDE WITH SMOOTH METAL DUCTING WITHOUT SCREWS AND WITH MAINIUM BENDS, MAXIMUM DUCT LENGTH PER IRC MISO2.
- SMOUTH METAL DOLLING WITHOUT SCHEMS AND WITH REMEMBER SECTIOS, MOUNDING LEAVETH PAR INC.

  2. VENTINGS, ALL DRYERS AND BATH DOLAUSTS MUST BE VENTED DIRECT TO THE EXTERNOR OF THE

  STRUCTURE WITH A BACKOMAPT DAMPER IN ACCORDANCE WITH THE CURRENT CODE.

  3. PROVIDE A PROGRAMABLE THERMOSTAT, MANUALS FOR RECTAINCAL AND WATER HEATING EQUIPMENT, ENERGY COMPLIANCE CERTIFICATE AND ALL OTHER REQUIREMENTS OF THE CURRENT ENERGY CODE

- ENERGY COMPLIANCE CERTIFICATE AND ALL OTHER REQUIREMENTS OF THE CURRENT ENERGY CODE.

  1. TEMBRIAL HOOK UP IS REQUIRED FOR ALL FIXTURES, APPLIANCES, MOTORS, FANS AND CONTROLS. LOCATION OF OUTLETS AND EQUIPMENT ON PLANS IS APPROXIMATE, EXACT ROUTING OF WIRING AND OUTLETS SHALL BE GOVERNED BY STRUCTURAL CONDITIONS AND DISTRUCTIONS.

  2. ALL ELECTRICAL BREAKERS AND CONTROLS SHALL BE PROPERLY LABLED. INSTALL GFCI PROTECTED AND AFO OUTLETS WHERE SHOWN ON PLANS OR AS REQUIRED BY CODE. MATERIAL AND EQUIPMENT SHALL BEAR AU LABEL LIGHT FIXTURES MUST MEET CLEARANCES STATED IN THE NEC. INSTALL USHT SWITCHES AT 3" 6" A.F.F. AND OUTLETS 12" A.F.F. TO CENTERINE UN.O.

  3. INSTALL ELECTRIC SHOKE DETECTORS, CARBOM MONOXIDE/ALARUS WHERE SHOWN ON PLANS. ALL DETECTORS MUST BE INTER-CONNECTED AND INCORPORATE A BATTERY BACK-UP. INSTALL PRE NFPA 72 AD UL. 217 REQUIREMENTS. CO ALAMS TO COMPLY WITH HYPA 720 AND UL 2034. COMBINATION SHOKE/CO ALAMS MUST BE LISTED PER UL 2034.

  4. PROVIDE HIGH EFFICACY LAMPS IN PERMANENT FIXTURES PER CURRENT ENERGY CODE.
- 17. PLIMBNG

  1. INSTALL PLIMBING FORTURES, SUPPLY AND WASTE LINES PER GOVERNING CODE. ALL NOTCHES AND CUTS IN FRAMING
  SHALL NOT EXCEED MAX. DIMENSIONS AS DEFINED IN THE BUILDING CODE, PROTECT PLIMBING LINES AND REINFORCE STUD
  WALL NOTCHES WITH 16 GA. METAL PLATES.

### BUILDING CODE SUMMARY

Location: Proposed Use Owner: Contact Perse	Detach Chesa	Various Locations, NC Market Detached Single Family Dwelling Chesapeake Homes Brad Blough Telephone #: (919) 256-3060 E-mail: bblough@cheshomes.com				
DESIGNER C	OF RECORD:					
Designer	Name	Q.	License #	Teleph	one#:	E-mail;
Architect	James W. W	entling/	NC-Arch. # 4	642 (215) 56	8-2551	JamesWentling  @wentlinghouseplans
Structural:	Jonathan A.	Troxler	NC-P.E # 27	7845 (919) 87	8-1617	jtroxler @southernengineers.
BUILDING D		2018 North	Carolina State R	esidential Code		
		(2015 IRC	with North Carolin	a Amendments)	3.	

DESIGN LOADS:

20 PSF 115-120 MPH

C
B
Moderate
12"
Moderate to Heavy
20 a

Exposure:

ENERGY EFFICIENCY

R-38 (R-30 w/ Raised Heel Truss)

(Note: Minimum insulation values per Southern Energy Reports)

SOIL BEARING CAPACITIES:

Presumptive Bearing Capacity: 2.000 PSF

	AB	BREVIATIONS
TEXT	DESCRIPTION	TEXT DESCRIPTION
A.F.F.	: ABOVE FINISHED FLOOR	NANUF. : HANDFACTURER
ALLIM,	: ALLMINUM	MAX. : MAXIMUM
ING.	: BEAMING	HIL : HINMUM
С	: CAMET	O.C. : ON CENTER
ae	: CELING	OPT. : OPTIONAL
CT.	: CEILING JOISTS	OSB : ORIENTED STRAND BOARD
CONC.	: CONCRETE	P.T. : PRESSURE TREATED
COND.	: CONDITION	R. : NSERS
DBL. JST.	: DOUBLE JOIST	REF. : REFIGERATOR
DIA	: DIAMETER	REQ. : REQUIRED
DWG.	: DRAWING	R & S : NOO AND SHELF
E. H.	: ELECTRIC METER	R.R. : ROOF RAFTERS
ENG.	: ENGINEERED	R.T. : ROOF THUSSES
E.P.	: ELECTRICAL PANEL	S.C. : SOUD COME
EQ,	: EQUAL	S.S. : SELECT STRUCTURAL
EXT.	: EXTENOR	SHOW. : SHOWER
POUND,	: FOUNDATION	S.L. : SIDE LITE
FTG.	: POOTING	SPEC. : SPECIFICATIONS
H.P.D.	: HINGED PATIO DOOR	T. : TREADS
H	: HGH	TEMP. : TEMPERED
HIB	: HOSE BEB	T.O.F. : TOP OF FOUNDATION
INCL.	: INCLUDED	TYP. : TYPICAL
INT.	: INTERIOR	U.N.O. : UNLESS NOTED OTHERWIS
TH.	: JOIST HANUFACTURER	V : VML
J.S.	: JACK STUDS	W/ : WITH

JAMES WENTLING/ LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

ARCHITECTURE LAND PLANNING GRAPHICS



REVISIONS					
MAIK	DATE	DESCRIPTION			
DN	05-20-20	UPTURNED BEAM - GARAG			
DN	08-11-20	POWDER RM. REV.			
AM	04-26-21	SHOWER NOTE			
AM	02-16-22	POWDER RM. REV.			
DN	03-02-23	CONVERT HIGHGATE/ADE THIRD-CAR GAR, OPTION			
DN	03-28-23	8'-0" 3RD-CAR GARAGE JO			
DN	04-04-23	STRUCT. DWGS. REV.			

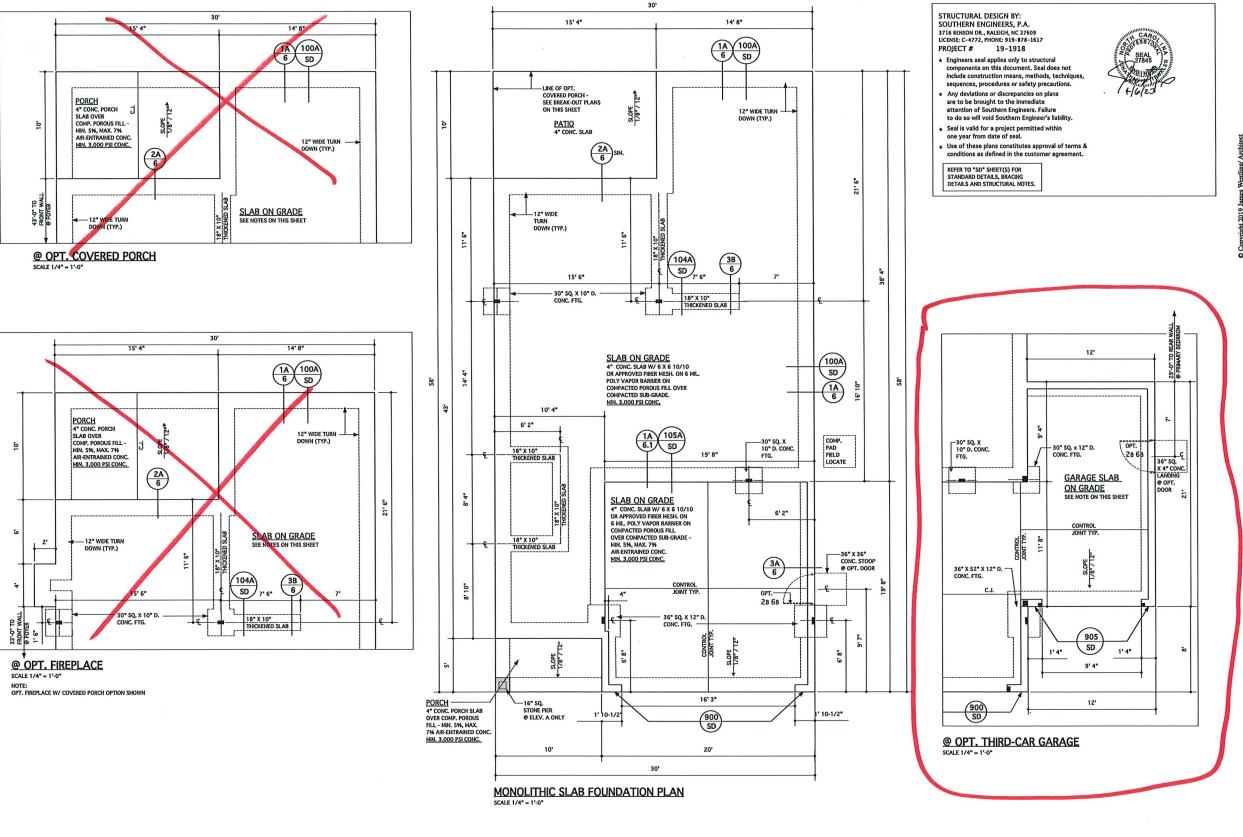
113.88 PERMITS/CONSTRUCTION

MODEL 1944 -GARAGE RIGHT

CHESAPEAKE HOMES OF NC

Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

CONTENTS AND PROJECT INFORMATION



JAMES WENTLING/ ARCHITECT

LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

(215) 568-2551 email -information

ARCHITECTURE

LAND PLANNING GRAPHICS

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REVISIONS				
MAK	DATE	DESCRIPTION		
AB	08-06-19	REVERSE		
СН	03-11-20	CLIENT REVISIONS		
АМ	04-26-21	RESTAMP SHEETS		
АМ	02-16-22	POWDER RM. REV.		
DN	03-02-23	CONVERT HIGHGATE/ADD THIRD-CAR GAR. OPTION		
DN	03-28-23	8'-0" 3RD-CAR GARAGE JOG		
DN	04-04-23	STRUCT, DWGS, REV.		

PROJECT NO.	
	113-88
DATE	07-12-19
SCALE	AS NOTED
DRAWN BY	СН
O-ECKED BY	JW.
ISSUED FOR	PERMITS/CONSTRUCTION

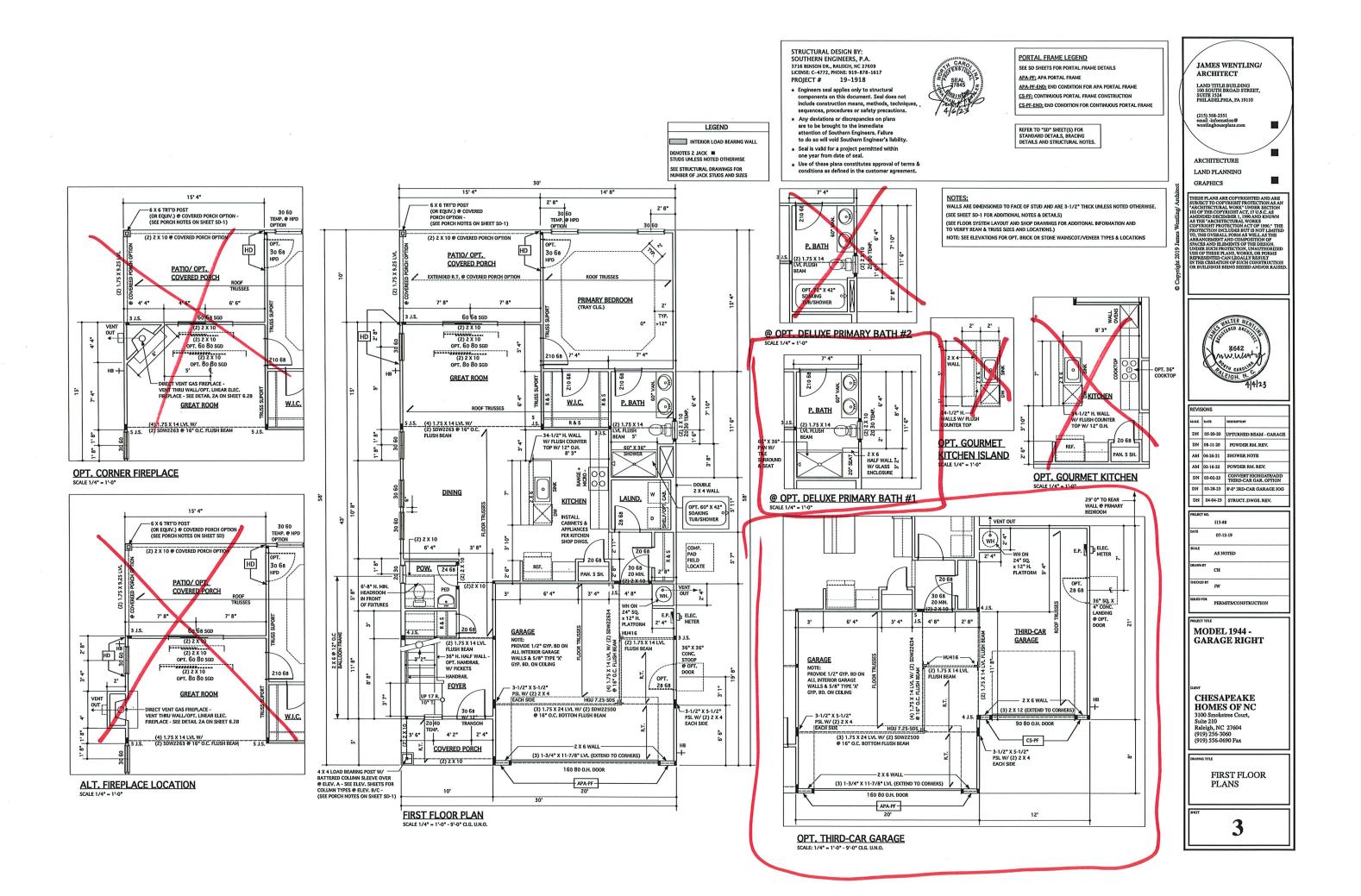
MODEL 1944 -GARAGE RIGHT

CHESAPEAKE
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3100 Smoketree Court,
Suite 210
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(919) 556-0690 Fax

DRAWING

MONOLITHIC SLAB FOUNDATION PLAN

2



STRUCTURAL DESIGN BY: SOUTHERN ENGINEERS, P.A. 3716 BENSON DR., RALEIGH, NC 27609 LICENSE: C-4772, PHONE: 919-878-1617 PROJECT # 19-1918



- Engineers seal applies only to structural components on this document. Seal does not include construction means, methods, techniqu sequences, procedures or safety precautions. Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do so will void Southern Engineer's liability.
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- Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.

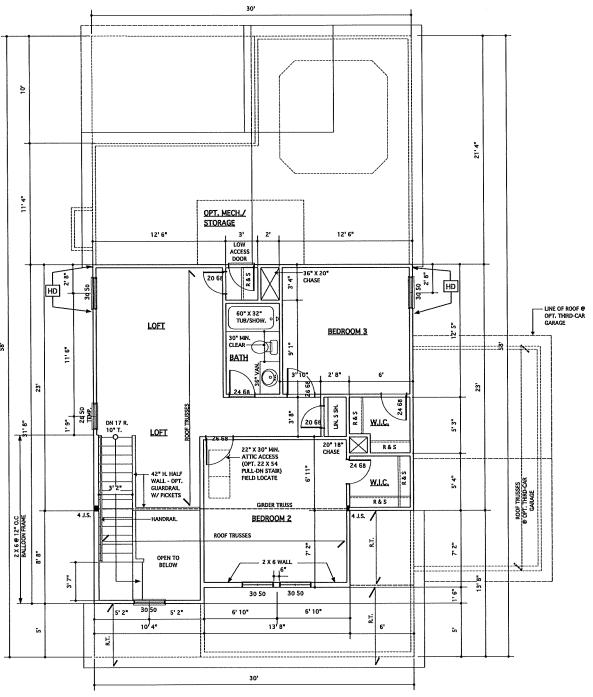
### NOTES:

WALLS ARE DIMENSIONED TO FACE OF STUD AND ARE 3-1/2" THICK UNLESS NOTED OTHERWISE. (SEE SHEET SD-1 FOR ADDITIONAL NOTES & DETAILS) (SEE FLOOR SYSTEM LAYOUT AND SHOP DRAWINGS FOR ADDITONAL INFORMATION AND TO VERIFY BEAM & TRUSS SIZES AND LOCATIONS.)

NOTE: SEE ELEVATIONS FOR OPT. BRICK OR STONE WAINSCOT/VENEER TYPES & LOCATIONS

## LEGEND INTERIOR LOAD BEARING WALL

DENOTES 2 JACK STUDS UNLESS NOTED OTHERWISE SEE STRUCTURAL DRAWINGS FOR NUMBER OF JACK STUDS AND SIZES



SECOND FLOOR PLAN

SCALE 1/4" == 1'-0" - 8'-0" CLG. U.N.O.

JAMES WENTLING/ ARCHITECT

LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

ARCHITECTURE LAND PLANNING

GRAPHICS

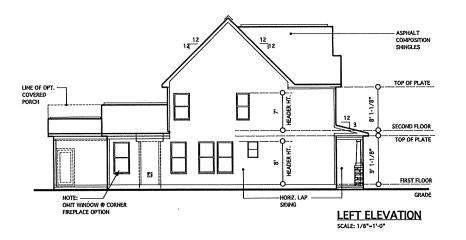


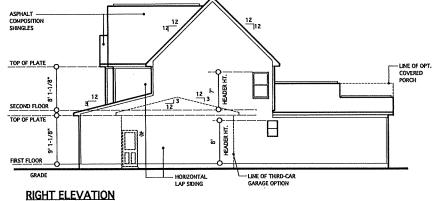
REVIS	REVISIONS					
MARK	DATE	DESCRIPTION				
СН	04-29-20	OPTIONS				
DN	05-20-20	UPTURNED BEAM - GARAGE				
AM	04-26-21	RESTAMP SHEETS				
AM	02-16-22	ENGINEER LICENSE REV.				
DN	03-02-23	CONVERT HIGHGATE/ADD THIRD-CAR GAR, OPTION				
ВN	03-28-23	8'-0" 3RD-CAR GARAGE JOG				
DN	04-04-23	MINOT UPDATE				
PROJECT NO. 113-88						
DATE 07-12-19						
AS NOTED						
DRAWN BY DN						
DIECOSED BY JW						
KS.ED FOR						

MODEL 1944 -GARAGE RIGHT

CHESAPEAKE HOMES OF NC 3100 Smoketree Court, Suite 210 Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

SECOND FLOOR **PLANS** 





TOP OF PLATE

SECOND FLOOR

FIRST FLOOR

GRADE

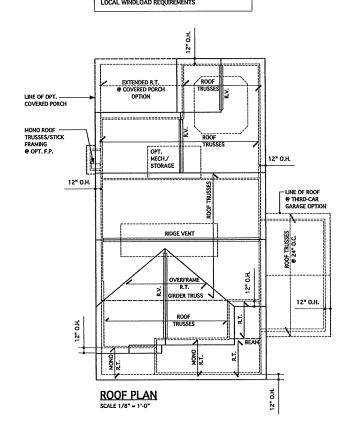
OPT. BRICK OR STONE WAINSCOT VENEER

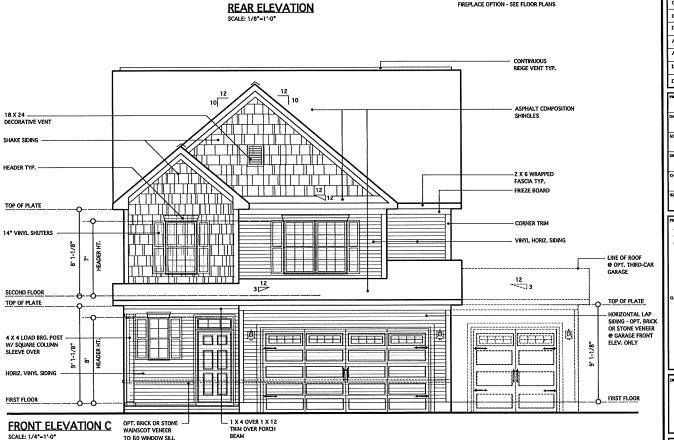
FRONT ELEVATION C

REQUIRED VENTILATION SCHEDULE - MAIN HOUSE 1.766 SO, FT, OF CEILING AREA / 300 5.88 X 0.5 = 2.94 SQ. FT. 2.94 SQ. FT. X 144 = 423 SQ. IN. 423 SQ. IN. / 18 SQ. IN. = 24 (18 SQ. IN. VENT PER UN. FT.) 5.88 X O.5 = 2.94 SQ. FT. 2.94 SQ. FT. X 144 = 423 SQ. IN. 423 SQ. IN. / 9 SQ. IN. = 47 LIN. FT. (9 SQ. IN. VENT PER LIN. FT.) = 47 LIN. FT. REQ. 96 LIN. FT. PROVIDED

CODE REFERENCE: 2018 NCSBC, RESIDENTIAL CODE, SEC. R806.2

NOTE: BUILDING ELEMENTS ARE TO BE APPLIED TO MEET LOCAL WINDLOAD REQUIREMENTS

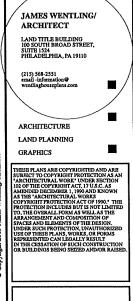




LINE OF PORCH BEAM © OPT. COVERED PORCH

--- POST PER PLAN © OPT. COVERED PORCH

- Note: Relocate door & Corner Fireplace Option - See Floor Plans





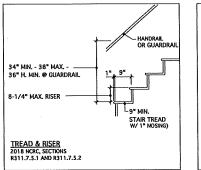
MARK	DATE	DESCRIPTION
СН	03-17-20	CLIENT REVISIONS
CH	04-29-20	OPTIONS
DN	05-20-20	UPTURNED BEAM - GAR
АМ	04-26-21	RESTAMP SHEETS
АМ	02-16-22	RESTAMP SHEETS
DN	03-02-23	CONVERT HIGHGATE/ALTHIRD-CAR GAR, OPTIO
DN	03-28-23	8'-0' 3RD-CAR GARAGE

PROJECT NO.	
1	113-88
DATE	07-12-19
SCALE	AS NOTED
DRAWN BY	СН
CHECKED BY	JW
SSUED FOR	PERMITSACONSTRUCTION

# MODEL 1944 -GARAGE RIGHT

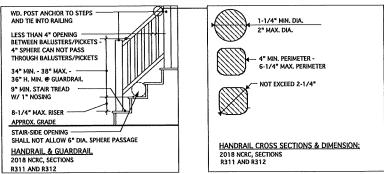
CHESAPEAKE HOMES OF NC 3100 Smoketree Court, Suite 210 Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

ELEVATION C AND ROOF PLAN



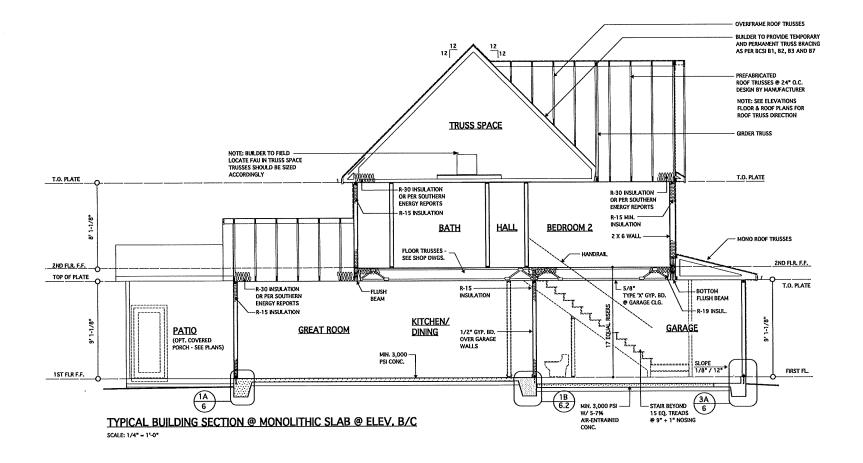
## TYP. STAIR SECTION

ALL STAIR AND GUARD REQUIREMENTS TO COMPLY WITH R-311 AND R312 NCRC 2018



### TYPICAL RAILING @ PORCH/DECK

(PROVIDE GUARDRAIL BOTH SIDES WHEN HEIGHT ABOVE GRADE EXCEEDS 30\*/PROVIDE HANDRAIL ONE SIDE OF STEPS WHERE 4 OR MORE RISERS)



### JAMES WENTLING/ ARCHITECT

ARCHITECTURE

LAND PLANNING GRAPHICS



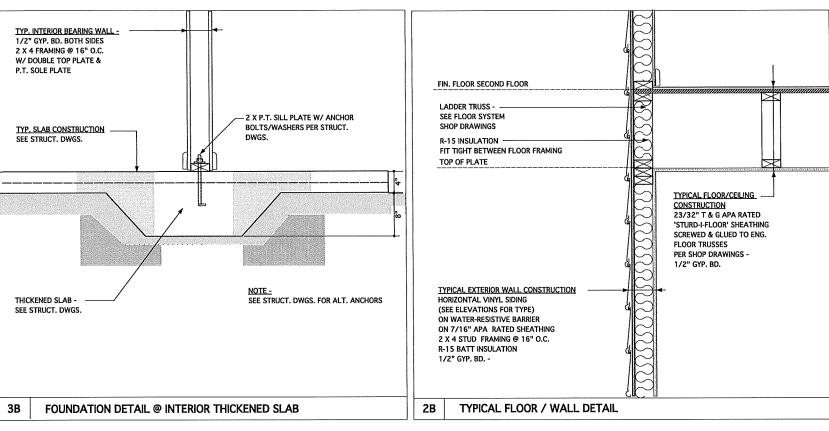
REVIS	IONS	
MARK	POL	DESCRIPTION
СН	03-30-20	CLIENT REVISIONS
СН	04-29-20	OPTIONS
DN	05-20-20	UPTURNED BEAM - GARAG
DN	08-11-20	POWDER RM. REV.
АМ	04-26-21	RESTAMP SHEETS
АМ	02-16-22	RESTAMP SHEETS
DN	03-02-23	CONVERT HIGHGATE/AD THIRD-CAR GAR, OPTION

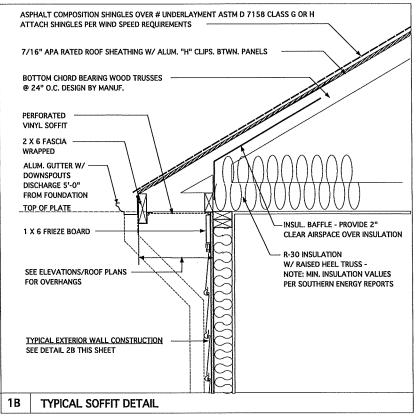
l	DN 0	-02-23	THIRD-CAR GAR, OPTIO				
ı	PROJECT NO.						
ı		113-88					
l	DATE	07-12-19					
l	SCALE AS NOTED						
l	DRAWN BY	СН					
l	O ECKED BY	JW					
l	K9.ED FOR	PERM	ITS/CONSTRUCTION				

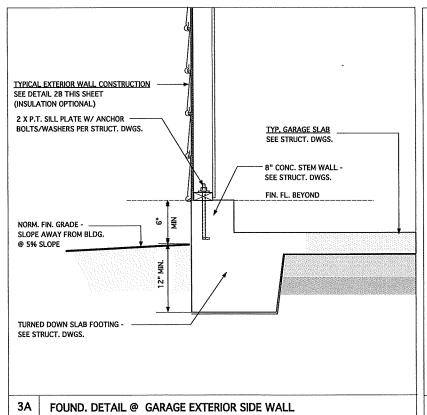
# MODEL 1944 -GARAGE RIGHT

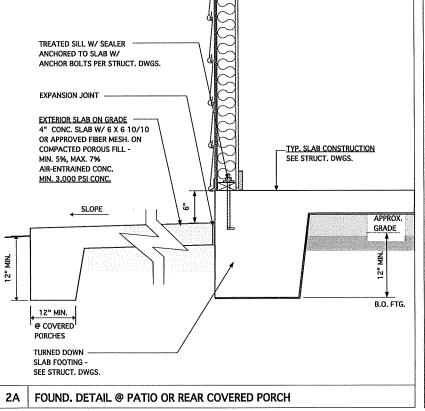
## CHESAPEAKE HOMES OF NC HOMES OF NO 3100 Smoketree Court, Suite 210 Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

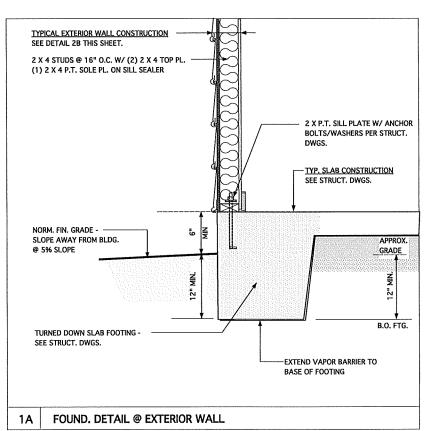
**BUILDING SECTION** 

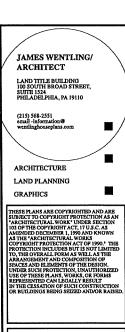














^™	04-26-21	KESIAMP SHEETS				
AM	02-16-22	RESTAMP SHEETS				
DN	03-02-23	CONVERT HIGHGATE/ADI THIRD-CAR GAR, OPTION				
PROJEC	T NO.					
Ш	113-88					
DATE	07-1	2-19				
SCALE	1-1/2	<b>= 1'-0'</b>				
DRAWN	ET CH					

DN 12-03-19 MINOR UPDATES

CH 03-30-20 MINOR UPDATES

PROMESSING

PROJECT TITLE

MODEL 1944 -

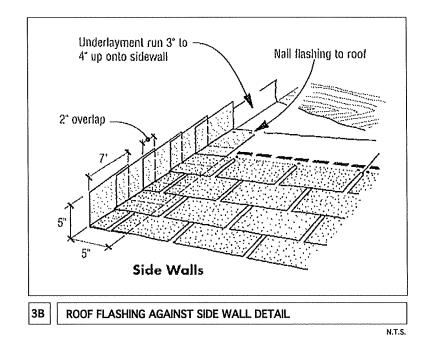
GARAGE RIGHT

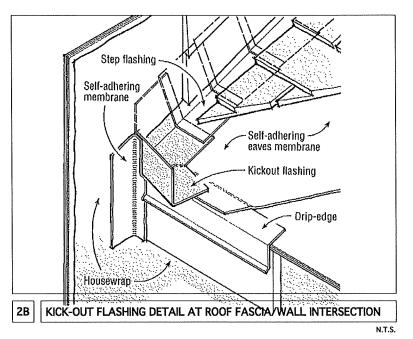
CHESAPEAKE HOMES OF NC 3100 Smoketree Court, Suite 210 Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

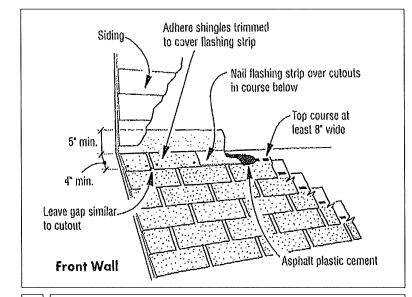
DIAMNG TITLE

MONOLITHIC SLAB FOUNDATION, WALL AND SOFFIT DETAILS

6

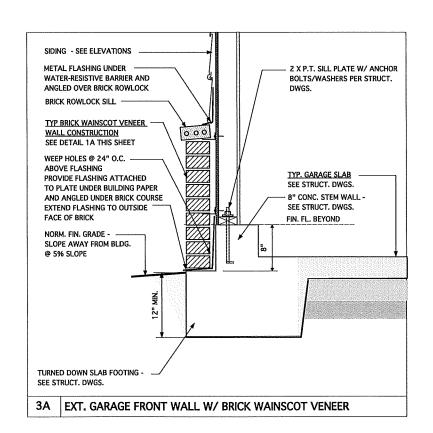


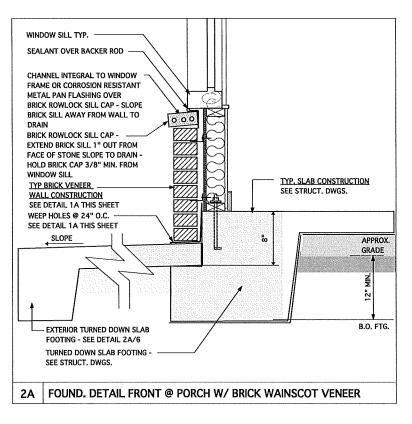


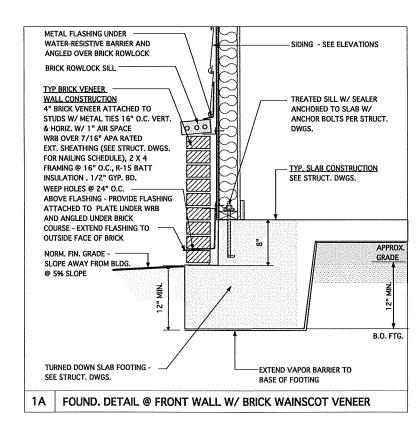


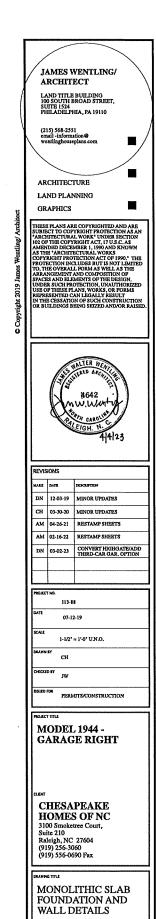
1B ROOF FLASHING AGAINST FRONT WALL DETAIL

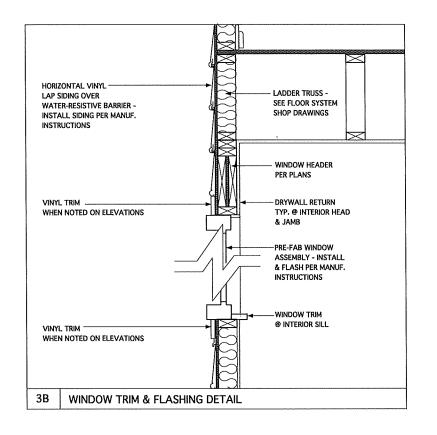
N.T.S.

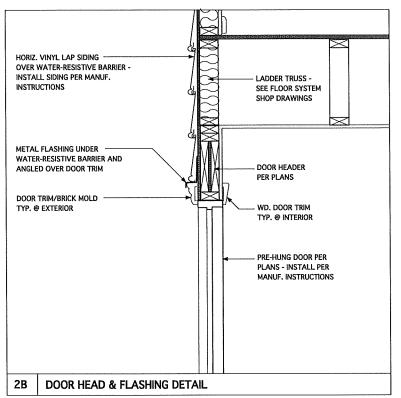


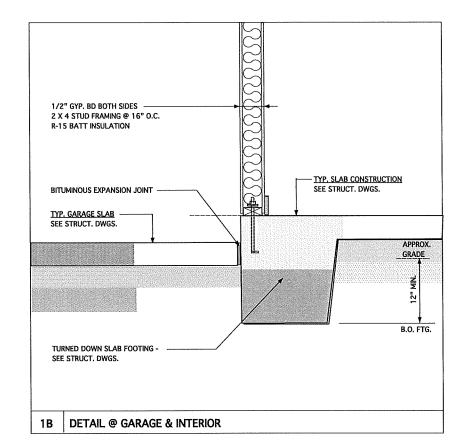


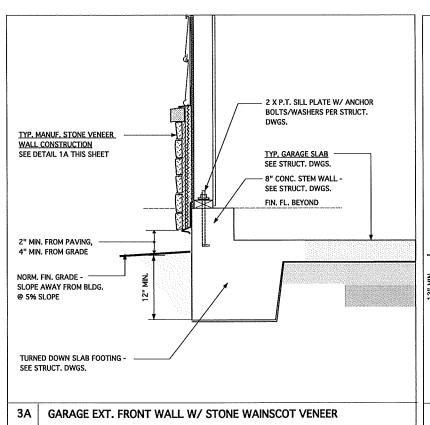


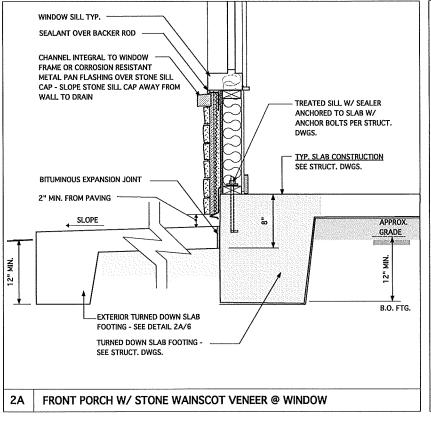


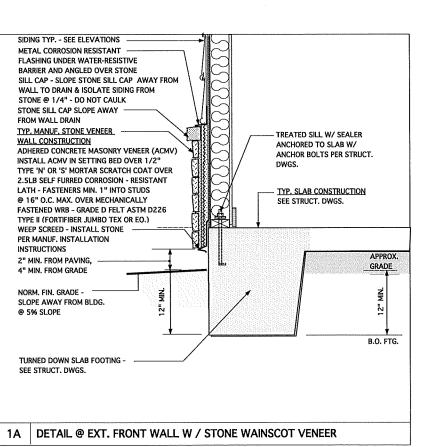


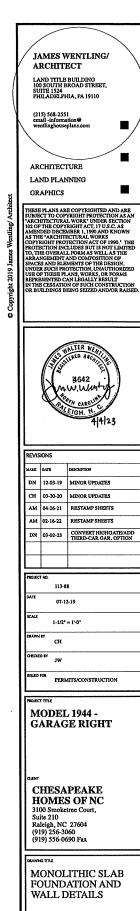


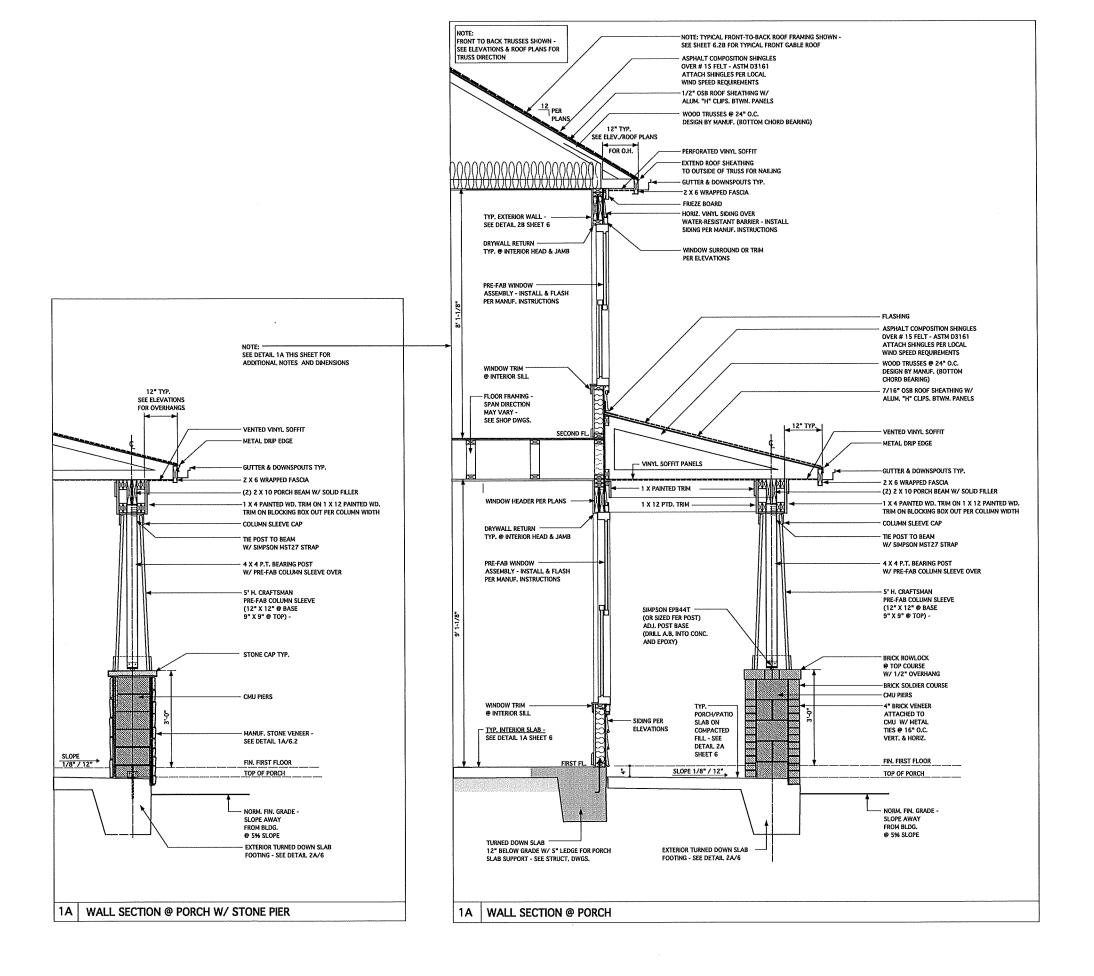












JAMES WENTLING/ LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITB 1524 PHILADELPHIA, PA 19110

ARCHITECTURE LAND PLANNING

GRAPHICS



REVIS	IONS	
жох	DATE	DESCRIPTION
DN	12-03-19	MINOR UPDATES
CH	03-30-20	MINOR UPDATES
AM	04-26-21	RESTAMP SHEETS
AM	02-16-22	RESTAMP SHEETS
DN	03-02-23	CONVERT HIGHGATE/ADI THIRD-CAR GAR, OPTION

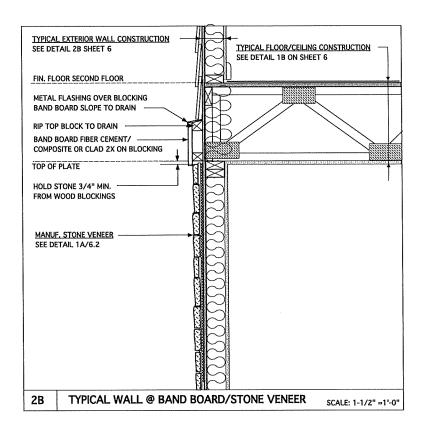
113.88 3/4" = 1'-0" PERMITS/CONSTRUCTION

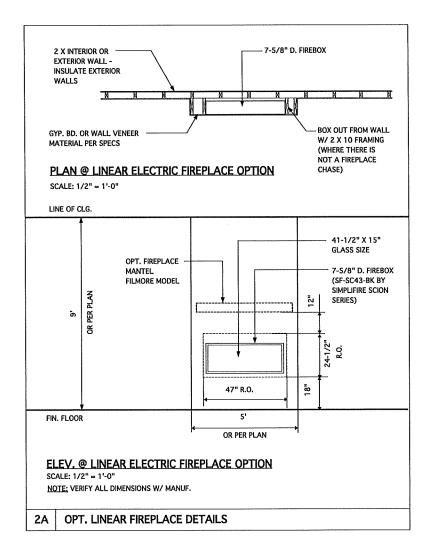
MODEL 1944 -**GARAGE RIGHT** 

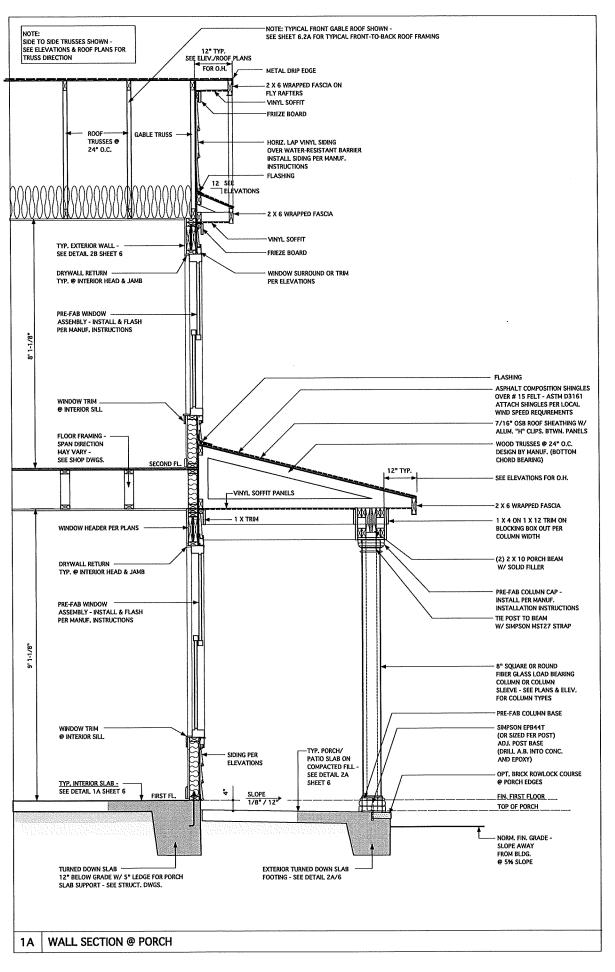
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ELEVATION A -DETAILS

6.2A









LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

ARCHITECTURE

LAND PLANNING GRAPHICS

THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT FROTECTION AS AN ARCHITECTURAL WORK. WORDE SECTION AS AN ARCHITECTURAL WORK. WORDE SECTION AS AN ARCHITECTURAL WORK SECTION AND ARCHITECTURAL WORK STEP ARCHITECTURAL WORK STEP ARCHITECTURAL WORK OF THE OFFICE TURNAL WORK OF THE OFFICE TURNAL WORK OF THE OFFICE AND CONFOSITION OF SACES AND ELECTROPIC TORON, UNAUTH FOREIGN STATES AND CONFOSITION OF SACES AND ELECTROPIC TORON, UNAUTH FOREIGN UNDER SUCH PROTECTION, UNAUTH FOREIGN UNDER SUCH PROTECTION, UNAUTH FOREIGN TO THE OFFICE AND CONFOSITION OF SUCH PROTECTION, UNAUTH FOREIGN TO THE OFFICE AND CONFOSITION OF SUCH CONSTRUCTION OR BUILDINGS SERIOS SEZZED AND KNOK RAISE



REVIS	24015	
MARK	D.CTE	DESCRIPTION
DN	12-03-19	MINOR UPDATES
СН	03-30-20	MINOR UPDATES
AM	04-26-21	RESTAMP SHEETS
AM	02-16-22	RESTAMP SHEETS
DN	03-02-23	CONVERT HIGHGATE/ADI THIRD-CAR GAR. OPTION

07-12-19 3/4" = 1'-0" U.N.O. CH PERMITS/CONSTRUCTION

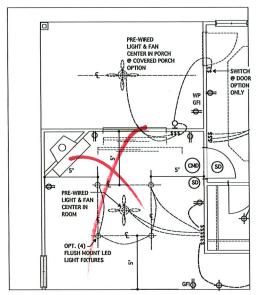
MODEL 1944 -GARAGE RIGHT

CHESAPEAKE HOMES OF NC

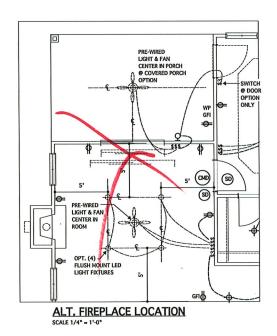
3100 Smoketree Court, Suite 210 Raleigh, NC 27604 (919) 256-3060 (919) 556-0690 Fax

ELEVATION B/C -DETAILS

**6.2B** 

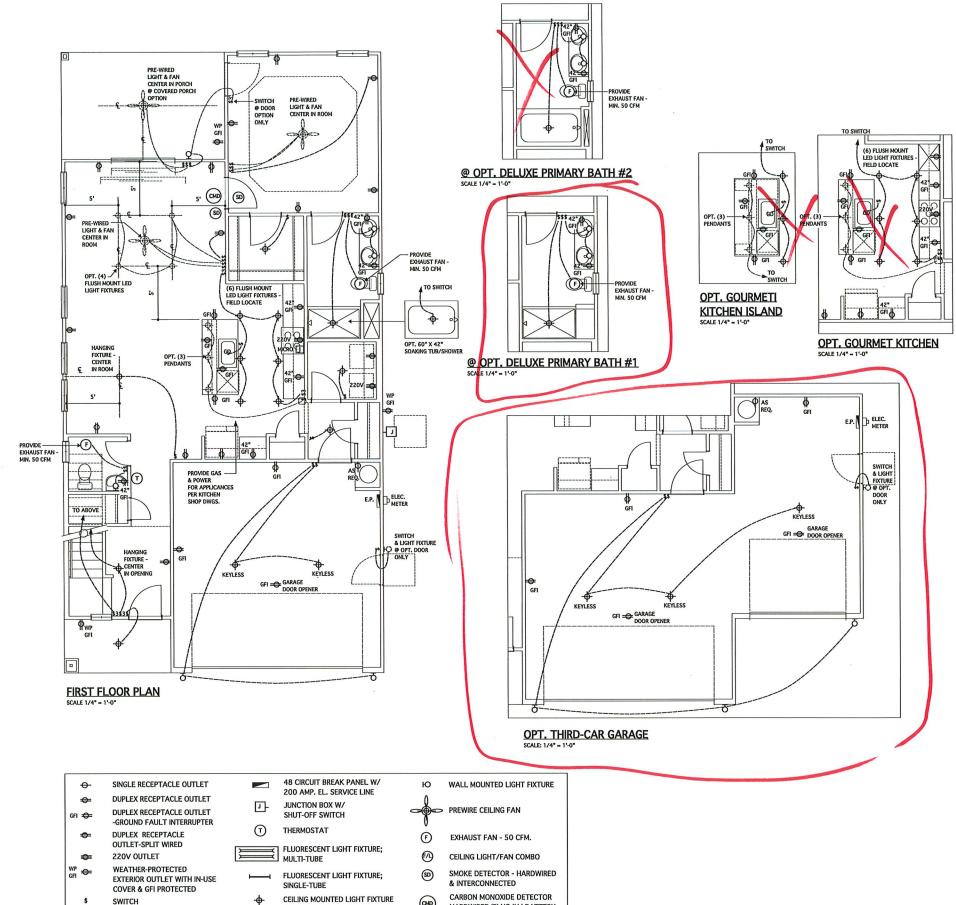


**OPT. CORNER FIREPLACE** SCALE 1/4" = 1'-0"



\$3

THREE WAY SWITCH



HARDWIRED/PLUG-IN/ BATTERY

TYPE OR HOUSEHOLD CARBON MONOXIDE DETECTOR SYSTEM

FLUSH MOUNT LED LIGHT FIXTURE

JAMES WENTLING/ ARCHITECT

LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

ARCHITECTURE GRAPHICS



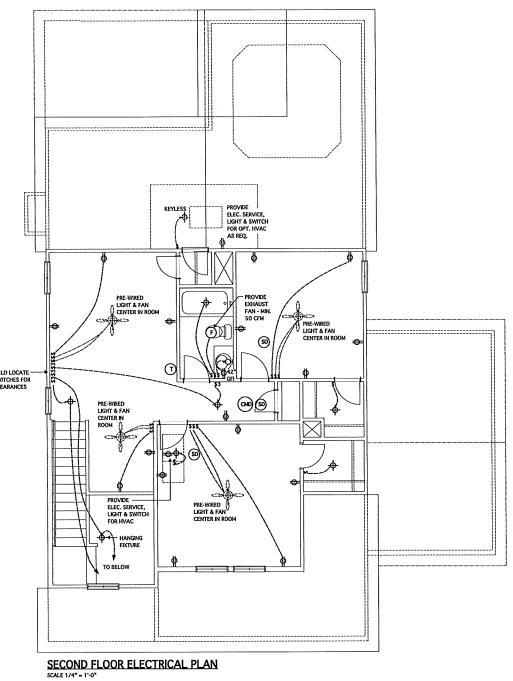
MAK	DATE	DESCRIPTION
DN	05-20-20	UPTURNED BEAM - GARAGE
DN	08-11-20	POWDER RM. REV.
AM	04-26-21	SHOWER NOTE
AM	02-16-22	POWDER RM. REV.
DN	03-02-23	CONVERT HIGHGATE/ADD THIRD-CAR GAR. OPTION
DN	03-28-23	8'-0" 3RD-CAR GARAGE JOG
DN	04-04-23	MINOR UPDATE

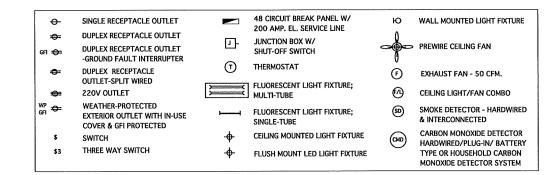
113-88 07-12-19 AS NOTED

MODEL 1944 -**GARAGE RIGHT** 

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FIRST FLOOR **ELECTRICAL PLANS** 





### JAMES WENTLING/ ARCHITECT

LAND TITLE BUILDING 100 SOUTH BROAD STREET, SUITE 1524 PHILADELPHIA, PA 19110

ARCHITECTURE

LAND PLANNING

GRAPHICS



MARK	DATE	DESCRIPTION
CH	04-29-20	OPTIONS
DN	05-20-20	UPTURNED BEAM - GARAGE
AM	04-26-21	RESTAMP SHEETS
AM	02-16-22	ENGINEER LICENSE REV.
DN	03-02-23	CONVERT HIGHGATE/ADD THIRD-CAR GAR. OPTION
DN	03-28-23	8'-0' 3RD-CAR GARAGE JOX
DN	04-04-23	MINOR UPDATE

PROJECT NO.	
	113-88
DATE	07-12-19
SCALE	AS NOTED
CIRAWN BY	DN
O-ROXED BY	JW
ISSUED FOR	PERMITS/CONSTRUCTION

MODEL 1944 -GARAGE RIGHT

CHESAPEAKE HOMES OF NC
3100 Smoketree Court,
Suite 210
Raleigh, NC 27604
(919) 256-3060
(919) 556-0690 Fax

SECOND FLOOR ELECTRICAL PLAN

## STRUCTURAL NOTES NG (2018 NGRC): Pland: 115-120 mph

- 218 N.CRC), I PROM. ID-120 mpn

  GEBERS SEAL, APPLES ONLY TO STRICTURAL COMPONENTS INCLIDING ROOF RAFTERS, HE'S,
  NLIETS, RIDGES, INCLIS, SIALLS, BEAMS AND HEADERS, COLLIMB, CAMILLEYERS, OFFIET
  AND BEARNG FAULLS, PER I CROSER SYSTEM, FROOTING, AND PLIANS SYSTEM. BISCHERTS
  AND DESING TOWNEY OF DISSESSAME, ACCIPACION ACADITACION, A LATORI INCLIDING
  OFF SYSTEM ALL REQUIREDHES FOR PROFESSAME, CRETIFICATION SHALL BE PROVIDED BY
  A SEMPREMENTAR PROFESSAME, SOUTHER BISCHERGE, IV. A CRETTIFICATION ONLY THE STRICTURAL
- 2. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUEREMENTS OF THE 2008 IX. RESIDENTIAL CODE, RUS ALL LOCAL CODES AND RESULATIONS. THE STRUCTURAL BEGINERY IS FOR THE STRUCTURAL DEGREE TO TRESPONDED FOR THE LIGHT LIGHT LOCAL CONTROL OF CONTROL OR CONTROL OF CONTROL OF CONTROL OF CONTROL OR CONTROL OF CONTROL OR CON
- DESIGN LOAD (LISTED AS LIVE LOAD, DEAD LOAD, DEPLECTION)
  ROOMS OTHER THAN SLEETING ROOMS. (AC PET, LO PET, LOSGO)
  SLEETING ROOMS. (SO PET, LO PET, LOSGO)
  ATTIC HITCH PEROVARIES TOTALS. (AC PET, LO PET, LOSGO)
  ATTIC HITCH PEROVARIES TOTALS. (20 PET, LO PET, LOSGO)
  ATTIC HITCH PEROVARIES TOTALS. (20 PET, LO PET, LOSGO)
  ATTIC HITCH STORAGE (IO PET, LO PET, LOSGO)
  DITISSION RALLOWERS. (LO PET, LO PET, LOSGO)
  DITISSION RALLOWERS. (LO PET, LO PET, LOSGO)
  PRESCHISCH VERICLE GRANACES. (20 PET, LO PET, LOSGO)
  PRESCHISCH VERICLE GRANACES. (20 PET, LOSGO)
  PRESCHISCH (OP PET, LO PET, LOSGO)
  SHOW (20 PET)

- HALLS SHALL BE BRACED BY SHEATHING HALLS ON ALL STORIES WITH MOOD STRUCTURAL PANELS, SEE FRANDIG HOTES FOR THICKNESS AND NAILING REGULARSHENTS.
- SEE APPENDIX M (DCA6) FOR EXTERIOR DECK REGUREMENTS INCLIDING ATTACHMENTS FOR LATERAL LOADS.
- CONCRETE SHALL HAVE A HEMMH 20 DAY STREIGHTH OF SCOOPSI AND A HAVEMM SLIPP OF 5 INCHES INLESS OTHER OMERVISE (MO). ARR RITHANDED PRE TABLE 4022. ALL CONCRETE SHALL BE FROMFRINDED, MURDED, SAMPLED, TISSIED, AND FLACED IN ACCORDANCE HITH ACL STANDARDS, ALL SAMPLES FOR FRAMES SHALL BE TAKEN FROM THE EXIT BOY THE FLAVE CONTROL. LONGIS IN SLAVES SHALL BE SWANDED ON A NEW TO APPEND OF THE SHALL BE SHALL HAVE AY CEEP CONTROL. LONGIS IN SLAVES SHALL BE SHALL BY AND ON A THE APPENDED ON THE SHALL BE SHALL BY AND THE AND ON A THE APPENDED BASE SHALL HAVE AY CEEP CONTROL. LONGIS SHALL BE SHALL BY AND ON A 1-10-0" Y 1-10" OF SHILL BY AND SHALL BY AND ON A 1-10-0" Y 1-10" OF SHILL BY A SHALL BY AND ON A 1-10-0" Y 1-10" OF SHILL BY A SHALL BY AND ON A 1-10-0" Y 1-10" OF SHILL BY A SHALL BY AND ON A 1-10-0" Y 1-10" OF SHILL BY A SHALL BY A SHAL
- ALL FRANCIS LINDER SHALL BE SPT \*2 (Fb = 615 PSI) LINLESS NOTED OTHERWISE (INO), ALL
  TREATED LINDER SHALL BE SYP \* 2. PLATE HATERIAL HAY BE SPF \* 3 OR SYP \*3 (Fc(parp))
- C. ALL ROOF TRUES AND I-JOIST LAYOUTS SHALL BE PREPARED IN ACCORDANCE WITH THE SSALED STRUCTURAL DRAWRES, TRUESESS AND I-JOISTS SHALL BE NOTALLED ACCORDANG TO THE HAUFACTURES SPECIFICATIONS, ANY CHANGE IN TRUES OR I-JOIST LAYOUT SHALL BE COORDINATED WITH SOUTHERN BENEEDS.
- 12. REBAR SHALL BE DEFORMED STEEL, ASTINGS, GRADE 60. LAP ALL REBAR SPLKES 90 BAR
- B. FLITCH BEANS SHALL BE BOLTED TOGETHER USAIS (2) ROYG OF 1/2" DIAPETER BOLTS (ASTM A32) MITH MASSESS FLACED INDER THE THERARD BO OF BOLT, BOLTS SHALL BE SPACED AT 24" OLD, (ANA), AND STAGESBED AT THE TOP AND BOTTOM OF BEAM (2" BOSE DISTANCE), MITH 2 BOLTS LOCATED AT 6" PROM EACH END.
- H. BRICK LINTELS (INEN REQURRED) SHALL BE 3 1/21/51 (21/44\* STEEL ANGLE FOR UP TO 61-07\* SPAN AND 61/45/66\* STEEL ANGLE HITH 61 LES YERTICAL FOR SPANS UP TO 41-07\*, SEE PLANS FOR SPANS 07/ER 41-07\*.

## FRAMING NOTES No (2018 NORO): Wind: 115-120 mph

- BRACING HETICO AND STITE CONTINUOUSLY SEATED HER, CS-HEP, WITE HAY THE HALL BRACING A MACHIF PROVIDED OF HE PAND HALL BRACING REGISTED BY SECTION ROQUED OF THE CODE. SEE WITE BELOW FOR DETAILS AND STECHTCATIONS FOR HALL BRACING AND MALL FRANKS.
- 2. EXTERIOR MALL SHEATINGS INVALS SHALL BE BRACED BY SHEATINGS MALLS OR ALL STORESS INTIN MOOD STRICTURAL PARE, SHEATINGS MOVED (E. 1974). BEOOGREGE, D. 1973, SHEATINGS SHALL BE ATTACKED INTIN ON MALLS AT A 6/12" MALES PATTERN (6" OC AT PARE, 1995). MOLT OF AN INTERPREDIATE SUPPORTS, INSTALL BLOCKING AT ALL PARE, 1996.
- HEP SHEATHING SHALL DOTTION THE HEPTER-MOST DOUBLE BEARTHS FLATE. BLOCK AT ROOF PER SECTION ROOZLOAS AND ATTACH BRACED PHALLS PER COOK. HEP SHEATHING SHETBEN FLOORS SHALL BE SPLICED ALONG CONTRICUS DAND OR THE HEP SHEATHING HAY BE SPLICED AROSES STORE CONTRIDUS ACROSS FLOOR STSTEP! HITH BLOCKING AT PHALL EDUCES, PRINCH HIZ BETYOND FLOOR BREAKJO ON OTHER APPROVIDE HETHOD.
- 4. 302's HOLDOMY, HOLD-DOWN DEVICE (MOTED AS NOT ON FLANS)
  SHALL DE AN BOO PADDO CAPACITY ASSERDLY AS NOTED ON FLANS,
  SEE DETAILS FOR HO ASSERDLY,
  "14560HDOFEST FLOOR, USE 'ND HOLD-DOWN DETAIL" ON SO SHEET
  (OR EDAY)

- INTERIOR BRACED HALL, (NOTED AS "IBM" ON PLANS) ATTACH UZ" SYPSIM BOARD (68) ON EACH SIDE OF HALL HITH A MIN OF 54 COALER HALS OR NO SCRIPS 8 "1" OZ. ALONS THE EDSES AND AT MIER-POATES.
- IN INTERIOR BRACED MALL-HADD STRUCTURAL PAREL (NOTED AS "BHENES" OR PLANS), ATTACH ORE SIDE HITH XI, MET SHEATING HITH GAT NALL BACKS AND 12" OCA IT MIRER HEAVES SHEATING (OCA IT PAREL BACKS AND 12" OCA IT MIRER HEAVES SHEATING HIT BLOCKING AT ALL PAREL BACKS ATTACH GO OVER HEAVES REQUEED, ATTACH OPPOSITE SIDE HITH 12" OS HITH A MER OF SECONER HALLS OR 45 SCREWS 8 TO CA LONG THE BACKS AND AT INTERNEDIATE SHEATING SHEATING

### HEADER/BEAM & COLUMN NOTES

- ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE HEN (2)26 (4" MALL) OR (8)26 (6" HALL) MITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
- OTHER SECTION AT BEAM AND NEADER SEPRORTS INCLATES THE NAMER OF SEPRORT SILVA RESERVE IN SUIP POCKET OR COLUMN THE NAMER OF SILVA RESERVE IN SUIP POCKET OR ACCUMANTE NAMER OF FINDS AT EACH BID OF PEADERS IN FORTHCOME SHALL BE ACCORDING TO TITM IN IT AND ER READ SAIL OF THE NAME OF

### TRUSS SYSTEM REQUIREMENTS

- TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS)
  SHALL BE DESIGNED IN ACCORDANCE HITH SEALED
- TRUSS SCHENATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #2 OR #3 PLATES OR LEDGERS (MO).
- ALL REGURED ANCHORS FOR TRUSSES DUE TO LIPLET OR BEARING SHALL MEET THE REGUREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

- PORCH POST NOTES.

   AM (6/6) TRYD POST OR BUM,

   BOST LAP AT CARBER (12) SHPSON LEP

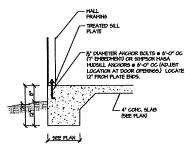
   ATTER HAPPER AT CARBER (12) SHPSON LEP

   ATTER HAPPER AT CARBER (12) SHPSON BUM,

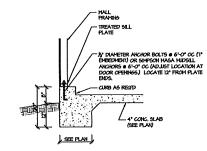
   BOST BASE SHPSON ABM4 (ABM6).

   BOST BASE SHPSON BUM (12) SHPSON CAB STRAPS AT POSTS. BUTTOD IT ONTO BUM (14) SHPSON BU

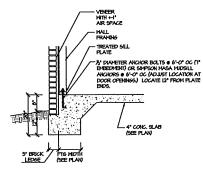
- HOTE, BOUVALENT POST CAP AND BASE ACCEPTABLE.



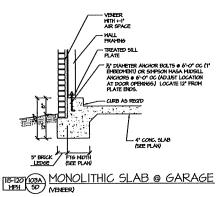
MONOLITHIC SLAB FOOTING (SIDNES OR EQUAL)

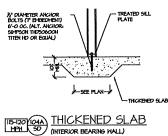


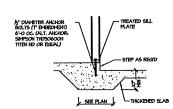
MONOLITHIC SLAB @ GARAGE (SIDING OR EQUAL)



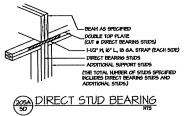
MONOLITHIC SLAB FOOTING MALERY

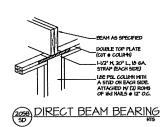


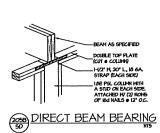


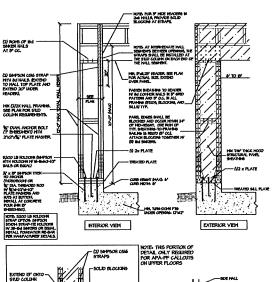


THICKENED SLAB @ GARAGE (INTERIOR GARAGE HALL)









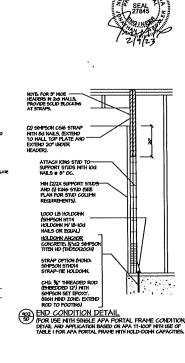


WEATED PLATE
COME INCOME SPACE S

YOUR / LEEL

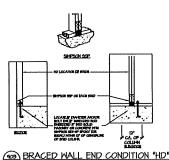
FOOTING SECTION

STOP THOU HE M STANK



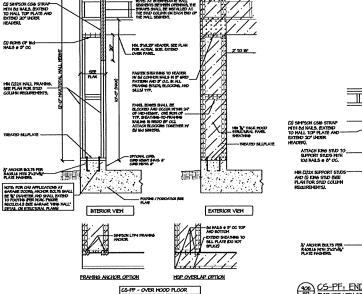


1 CT 07000



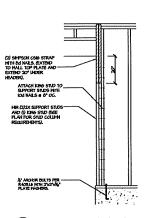
(900) APA PORTAL FRAME W HOLD-DOWNS
DETAIL NO APPLICATION BASED ON APA TT-KOOF WITH USE
OF TABLE I FOR A PA PORTAL FRAME WITH KILD-DOWN
CAPACITIES.





SIMPSON HTT4 SIMPSON STHOIA

(55) CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION
DETAIL AND APPLICATION BASED ON ICRE FIGURE
RECOLUGIO I - PORTAL FRAME CONSTRUCTION



(96) C5-PF: END CONDITION DETAIL
FOR USE WITH SINGLE C5-PF CONDITION)
DETAIL AND APPLICATION BASED ON NERC FIGURE
RECOLOG: PORTAL FRAME CONSTRUCTION

## PROIECT# Multiple

The street to be b Failure

Ä 609, P. 27(

uthern Engineers, I 6 Benson Drive, Raleigh, NC 2 Phone: (919) 878-1617 License: C-4772 www.southernengineers.com outhern 3716 Š

'entling, Architect  $\geqslant$ James

> $\quad \text{of NC} \quad$ otes Homes

**Details** tandard Chesapeake and  $\tilde{\mathbf{x}}$ 

SD-1 MONO