

SOUTHPORT

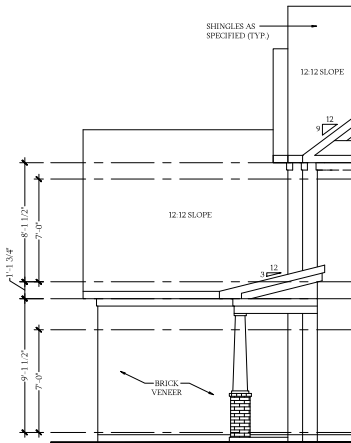
SOUTHPORT REVISION LIST - STRUCTURAL:

1. COMBINED WILMINGTON AND WILMINGTON II PLANS. (2-18)
2. ADDED BRICK OPTION ON SECOND FLOOR. (2-18)
3. CALLED OUT SERIES/SPACING OF JOISTS ON BASEMENT. (2-18)
4. 2018 NCRG UPDATE (6-19)
5. 2018 SC IRC (2-15-20)
6. ADDED ELEVATION A.2 (BRICK WATERTABLE W/ SIDING ABOVE) & ELEVATION A.3 (STONE WATERTABLE W/ SIDING ABOVE). (2-15-20)

SOUTHPORT REVISION LIST - ARCHITECTURAL:

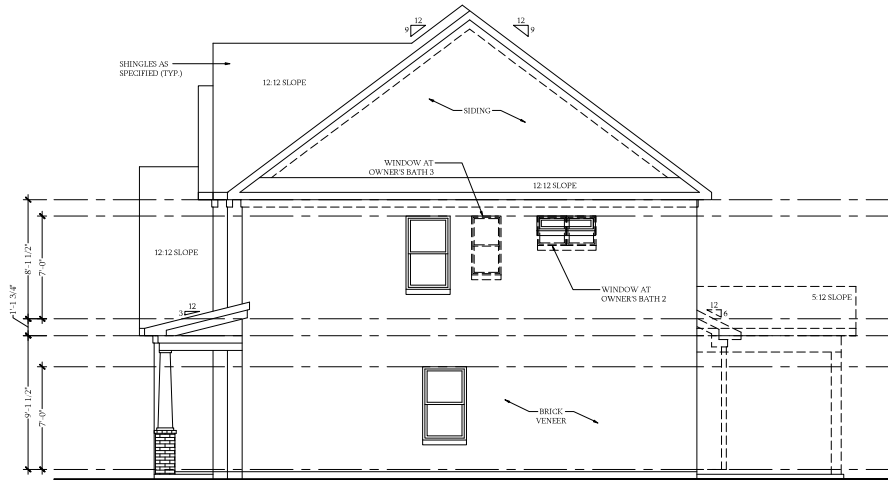
AUGUST 01, 2021

1. CREATED ELEVATIONS TO BE IN STANDARDS WITH OTHER PLANS (SEE SHEETS A-1 THROUGH A-3.5)
2. CHANGED COLUMNS ON ELEVATIONS TO STANDARD COLUMNS
3. CHANGED GARAGE DOORS TO REPRESENT STANDARD GARAGE DOOR FOR EACH ELEVATION
4. FIXED COVERED PORCH TO KEEP COLUMNS FROM OVERLAPPING EDGE OF CONCRETE
5. REMOVED GRIDS FROM TRANSOMS ABOVE FRONT DOOR
6. ADDED NOTE FOR GARAGE DOOR "GARAGE DOOR PER SPECIFICATIONS AND GLASS INSERT (TOP PANEL ONLY)"
7. MOVED ROOF PLANS TO SHEETS A-8 & A-8.1
8. CREATED SLAB INTERFACE PLAN (SEE SHEET A-4 THROUGH A-4.2)
9. MOVED ALL OPTIONS OFF BASE PLAN AND PLACED ON SEPARATE SHEET
10. ADDED NOTE FOR FLUSH COUNTERTOP ON ISLAND
11. CHANGED PATIO SIZE TO STANDARD 12'X10'
12. ADDED OPTIONAL GAS LINE
13. CHANGED KITCHEN LAYOUT
14. ADDED 2ND HOSE BIB
15. CALLED OUT "45" WALL WITH CAP" AS STANDARD
16. CHANGED ALL EXTERIOR WALLS FROM 2X6 TO 2X4 EXCEPT WHERE SHADED
17. ADDED NOTE "OPT. REF."
18. REMOVED NUMBERS ON STAIRS
19. ADDED NOTE "OPT. W/D"
20. ADDED NOTE "WASHER ALWAYS TO BE LOCATED TO THE LEFT OF DRYER"
21. VERIFIED VENTILATION AND LIGHT REQUIREMENTS AT OWNER'S BEDROOM MEETS CODE (11-01-20)
22. SQUARE FOOTAGES ARE UPDATED AND CHANGED DUE TO MOVEMENT OF WALLS FROM 2X6 TO 2X, TO KEEP JOBS IN ROOMS, EXTERIOR WALL MOVED MEANING ROOF LINES HAVE CHANGED
23. SQUARE FOOTAGE OF COVERED PORCH CHANGED DUE TO KEEPING COLUMNS FROM OVERLAPPING CONCRETE EDGE
24. CREATED PARTIAL PLANS FOR B & C ELEVATIONS (FLOOR, SLAB, & ELECTRICAL)
25. REMOVED ALL WALL OUTLETS
26. REMOVED ALL PHONE OUTLETS
27. REMOVED ALL TV OUTLETS
28. PLACED STANDARD 3 BULB LIGHT IN KITCHEN
29. VERIFIED COACH LIGHT LOCATIONS (SEE ELEVS. FOR DIMS)
30. PLACED DASHED FANS WHERE APPLICABLE WITH NOTE "STD. LIGHT, OPT. FAN/LT PREWIRE"
31. UPDATED ELECTRICAL KEY
32. VERIFIED CO2 DETECTOR LOCATIONS
33. SHOWED PENDANT LIGHTS AS OPTIONAL
34. SHOWED CAN LIGHTS IN KITCHEN AND FAMILY ROOM AS "OPTIONAL CAN LIGHTS"
35. PLACED OPTIONAL FLOOD LIGHTS
36. PLACED OPTIONAL FLOOR OUTLET IN FAMILY ROOM
37. PLACED CALCULATIONS FOR SOFFIT AND RIDGE VENT REQUIREMENTS
38. UPDATED STAIR LAYOUT TO KEEP MAIN WALL AT KITCHEN FROM MOVING WHEN OPTIONAL BASEMENT SELECTED.



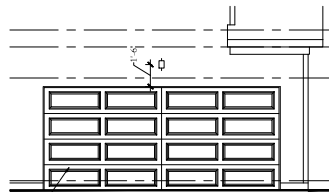
Side Elevation
w/ 3-Car Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



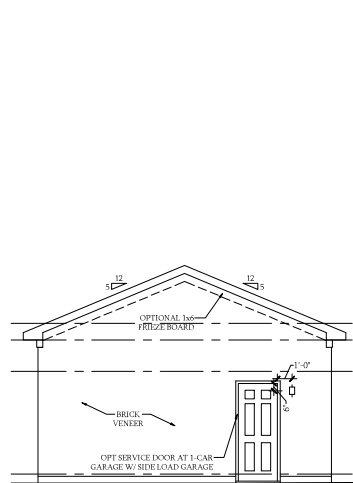
Side Elevation

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



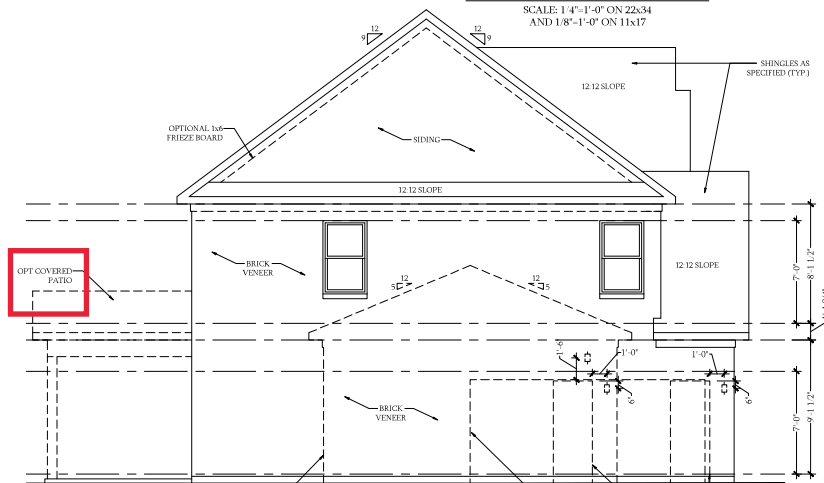
Side Load Garage Elevation

SCALE: 1/4"=1'-0" ON 22x34
AND 1/8"=1'-0" ON 11x17



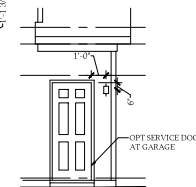
1-Car Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



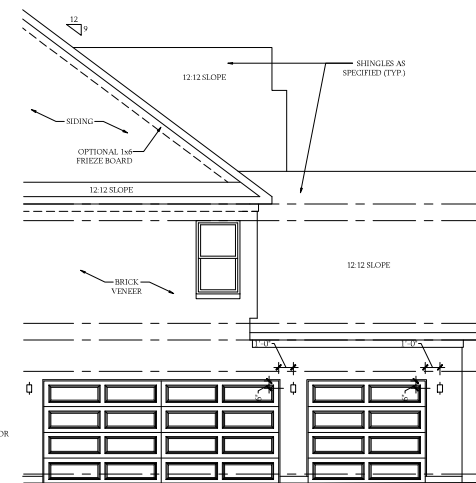
Side Elevation

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Service Door at Garage Elevation

SCALE: 1/4"=1'-0" ON 22x34
AND 1/8"=1'-0" ON 11x17



Side Elevation
w/ 3-Car Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17

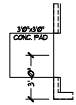


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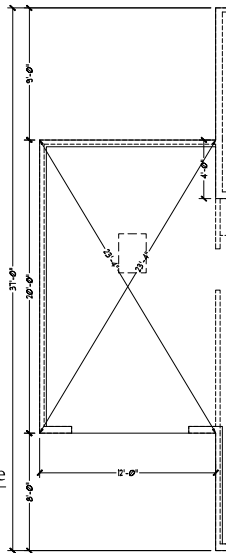
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SCALE: AS NOTED
DRAWN BY:
ENGINEERED BY:
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B - 4 SIDE ELEVATIONS
A-2.5



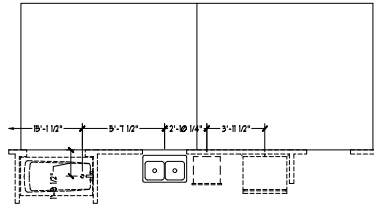
Optional Service Door at 1-Car Garage

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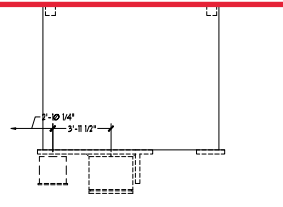
Optional 1-Car Carriage Garage

Not Available w/ Opt. 2-Car Side Load Garage or 3-Car Side Load Garage
SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Extended Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Covered Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Gourmet Kitchen

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



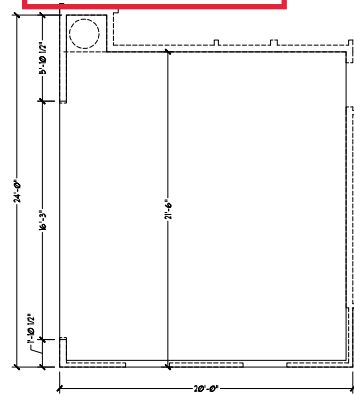
Optional Desk at Kitchen

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



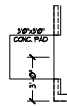
Optional Open Rail ILO 45" Wall w/ Cap

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



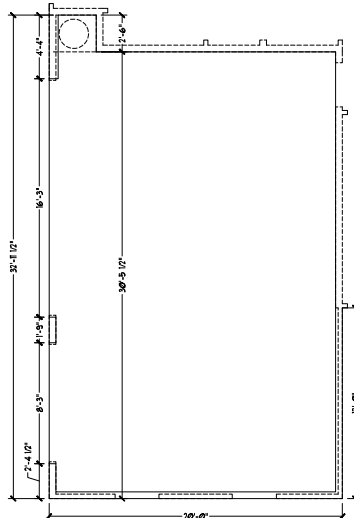
Optional 2-Car Side Load Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



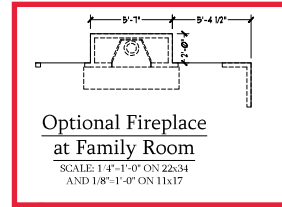
Optional Service Door at Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional 3-Car Side Load Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



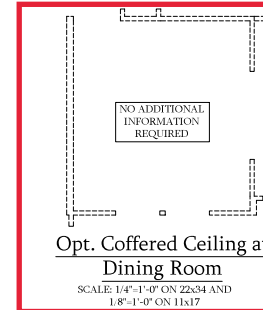
Optional Fireplace at Family Room

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



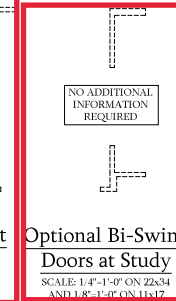
Optional Butler's Pantry at Garage Entry

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



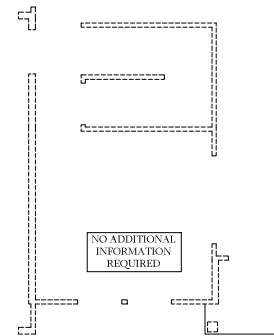
Opt. Coffered Ceiling at Dining Room

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Bi-Swing Doors at Study

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Dining Room w/ Opt. Basement

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



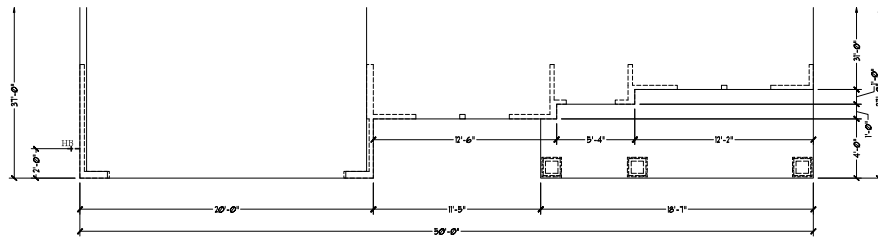
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REVIEWED BY:

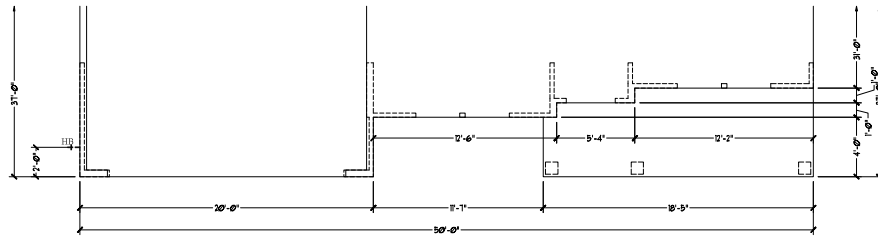
SLAB INTERFACE
PLAN - OPTIONS

A-4.1



Slab Interface Plan
Elevation 'B'

SCALE: 1/4"=1'-0" ON 22x34
AND 1/8"=1'-0" ON 11x17



Slab Interface Plan
Elevation 'C'

SCALE: 1/4"=1'-0" ON 22x34
AND 1/8"=1'-0" ON 11x17



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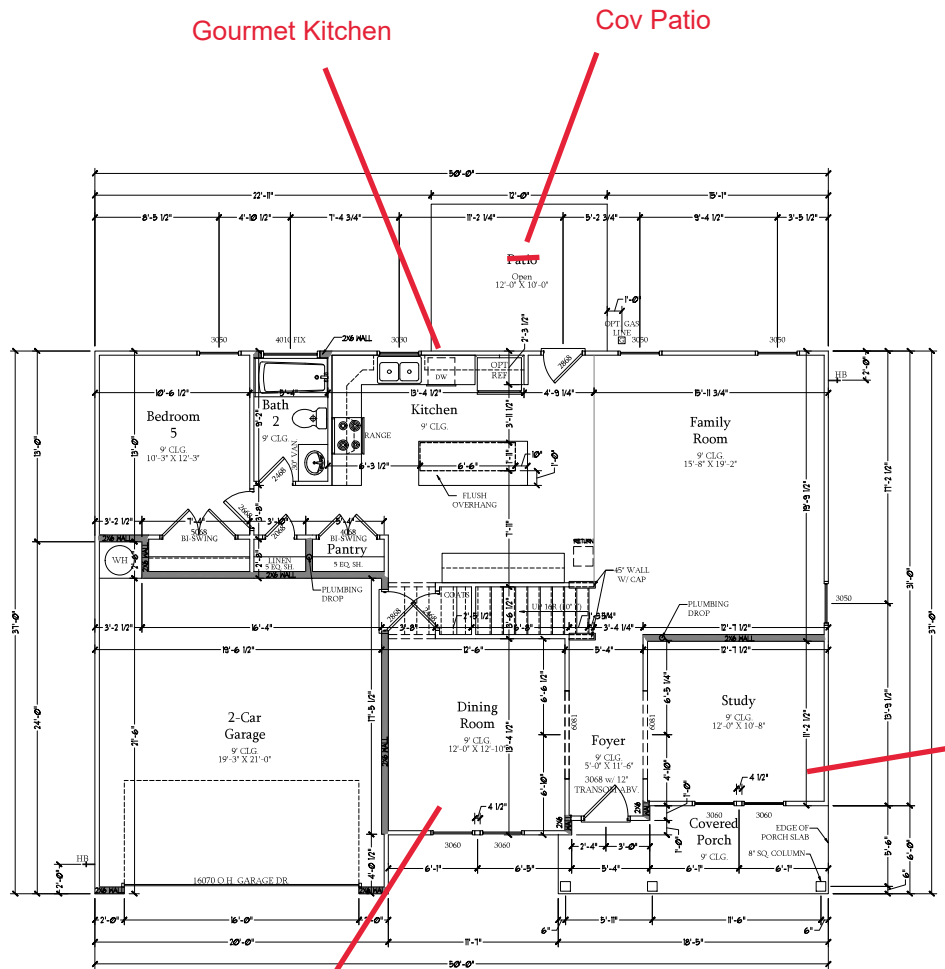
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SLAB INTERFACE
PARTIAL PLANS

A-4.2



SQUARE FOOTAGE	
1st FLOOR	1568 SQ. FT.
2nd FLOOR	1565 SQ. FT.
TOTAL	3133 SQ. FT.
GARAGE	430 SQ. FT.
FRONT PORCH	104 SQ. FT.
PATIO	50 SQ. FT.
OPT. BARBENIT	131 SQ. FT.
1st FLOOR OPTIONS	10 SQ. FT.
OPTIONAL FIREPLACE	32 SQ. FT.
1st FLOOR w/ OPT. BARBENIT	32 SQ. FT.
2nd FLOOR OPTIONS	32 SQ. FT.
2nd FLOOR w/ OPT. BARBENIT	32 SQ. FT.
UNABATED OPTIONS	240 SQ. FT.
OPT. 1-CAR GARAGE	605 SQ. FT.
OPT. 3-CAR GARAGE	605 SQ. FT.
OPT. COVERED PATIO	50 SQ. FT.
OPT. EXTENDED PATIO	50 SQ. FT.

SQUARE FOOTAGE w/ BRICK VENEER	
1st FLOOR	132 SQ. FT.
2nd FLOOR	1636 SQ. FT.
TOTAL	1768 SQ. FT.
GARAGE	430 SQ. FT.
FRONT PORCH	104 SQ. FT.
PATIO	50 SQ. FT.
OPT. BARBENIT	131 SQ. FT.
1st FLOOR OPTIONS	8 SQ. FT.
OPTIONAL FIREPLACE	28 SQ. FT.
1st FLOOR w/ OPT. BARBENIT	28 SQ. FT.
2nd FLOOR OPTIONS	28 SQ. FT.
2nd FLOOR w/ OPT. BARBENIT	28 SQ. FT.
UNABATED OPTIONS	258 SQ. FT.
OPT. 1-CAR GARAGE	636 SQ. FT.
OPT. 3-CAR GARAGE	636 SQ. FT.
OPT. COVERED PATIO	50 SQ. FT.
OPT. EXTENDED PATIO	50 SQ. FT.

First Floor Plan
 SCALE: 1/4"=1'-0" ON 22x34 AND
 1/8"=1'-0" ON 11x17

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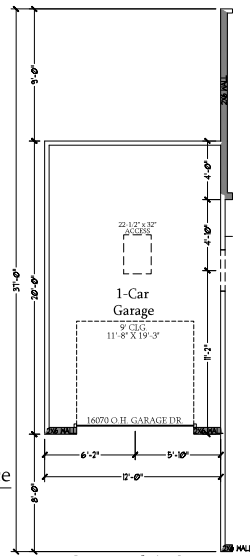
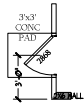
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FIRST FLOOR PLAN
 A-6



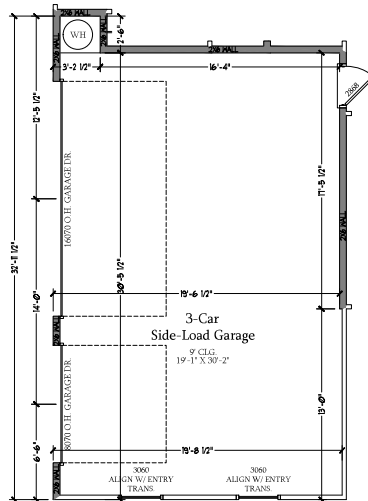
Optional Service Door at 1-Car Garage

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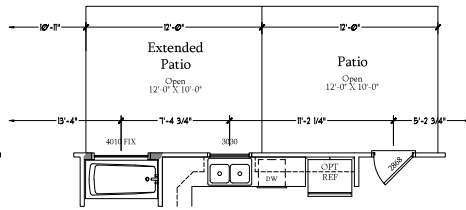
Optional 1-Car Carriage Garage

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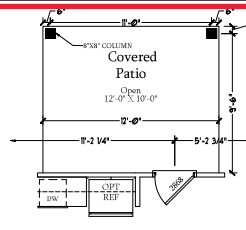
Optional 3-Car Side Load Garage

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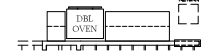
Optional Extended Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Covered Patio

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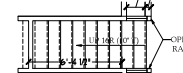
Optional Gourmet Kitchen

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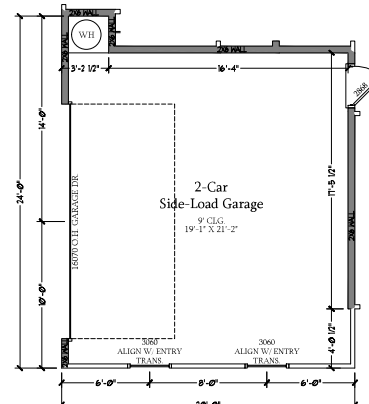
Optional Desk at Kitchen

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Optional Open Rail ILO 45" Wall w/ Cap

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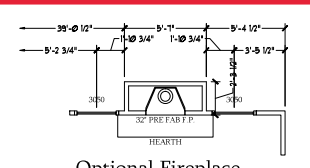


Optional 2-Car Side Load Garage

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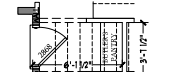
Optional Service Door at Garage

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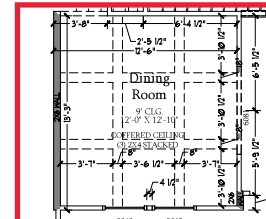
Optional Fireplace at Family Room

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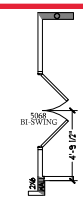
Optional Butler's Pantry at Garage Entry

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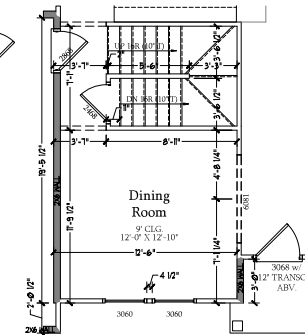
Opt. Coffered Ceiling at Dining Room

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Optional Bi-Swing Doors at Study

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Dining Room w/ Opt. Basement

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17

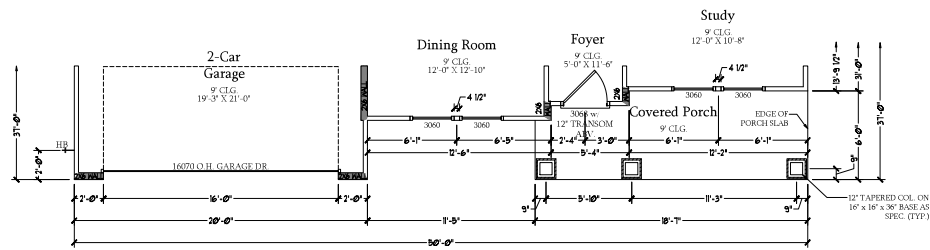


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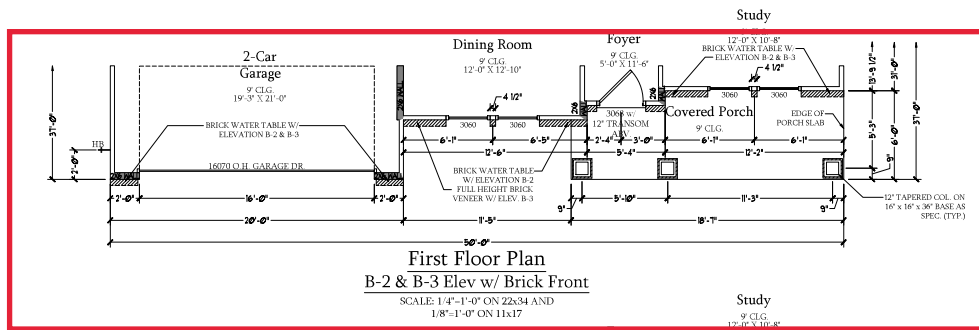
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SCALE: 1/4"=1'-0"
DRAWN BY:
ENGINEERED BY:
REVIEWED BY:

FIRST FLOOR PLAN - OPTIONS
A-6.1



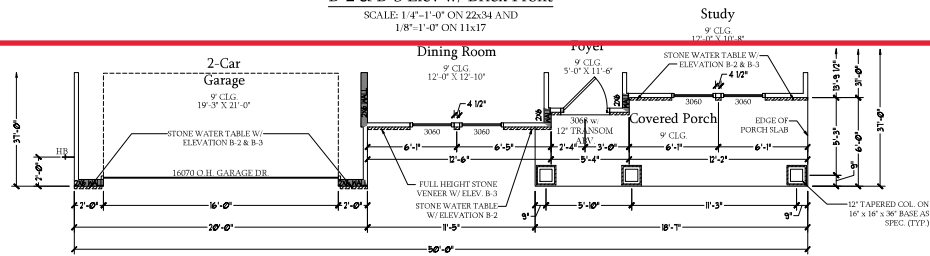
First Floor Plan
B-1

SCALE: 1/4"=1'-0" ON 22x34
AND 1/8"=1'-0" ON 11x17



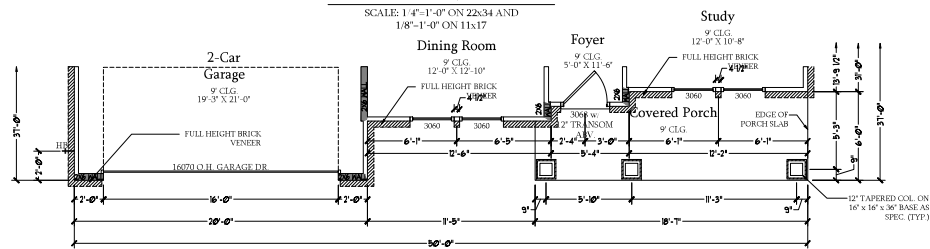
First Floor Plan
B-2 & B-3 Elev w/ Brick Front

SCALE: 1/4"=1'-0" ON 22x34 AND
1/8"=1'-0" ON 11x17



First Floor Plan
B-2 & B-3 Elev w/ Stone Front

SCALE: 1/4"=1'-0" ON 22x34 AND
1/8"=1'-0" ON 11x17



First Floor Plan
B-4 Elev

SCALE: 1/4"=1'-0" ON 22x34 AND
1/8"=1'-0" ON 11x17



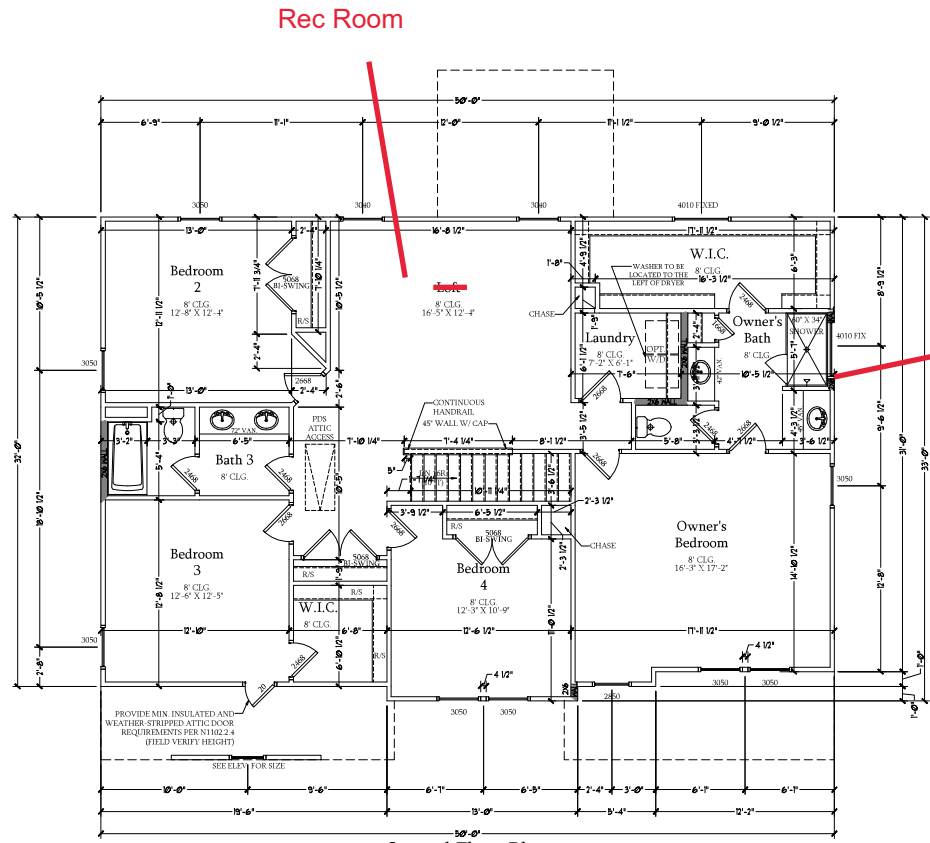
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ENGINEERED BY:
REVIEWED BY:

B ELEVATION
FIRST FLOOR
PARTIAL PLANS

A-6.3



Second Floor Plan
 SCALE: 1/4"=1'-0" ON 22x34 AND
 1/8"=1'-0" ON 11x17

Rec Room

Owners Bath #2

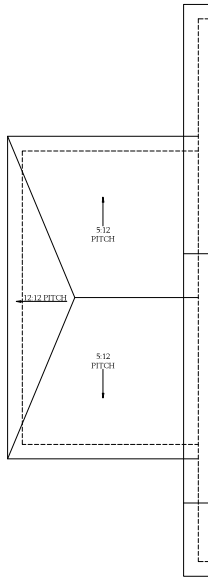


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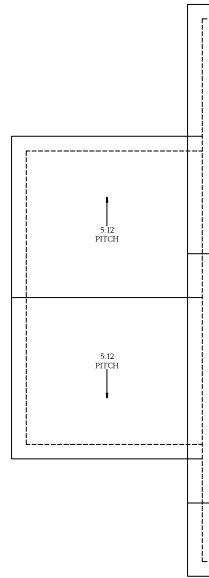
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 REVIEWED BY:

SECOND FLOOR
 PLAN
 A-7



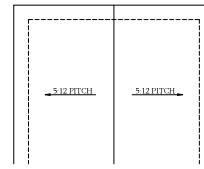
Optional 1-Car Carriage Garage
Elevation C

Not Available w. Opt. 2-Car Side Load Garage or 3-Car Side Load Garage
SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



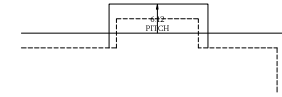
Optional 1-Car Carriage Garage
Elevation A & B

Not Available w. Opt. 2-Car Side Load Garage or 3-Car Side Load Garage
SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



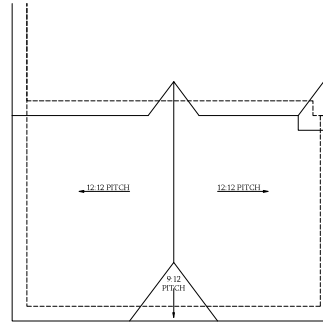
Optional Covered Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



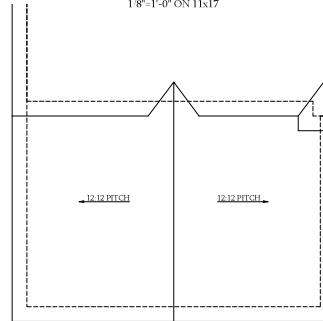
Optional Fireplace at Family Room

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional 3-Car Side Load Garage
Elevation C

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional 3-Car Side Load Garage
Elevation A & B

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17

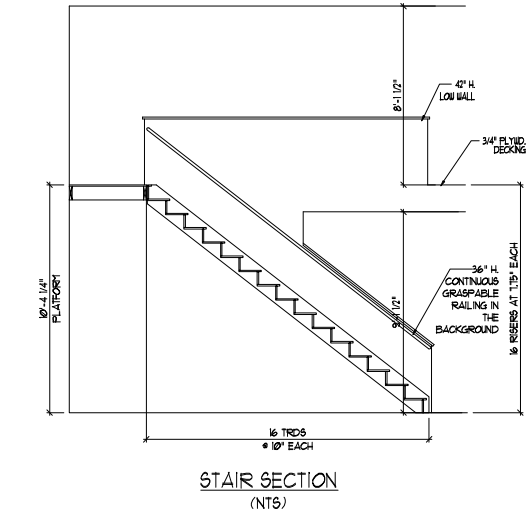
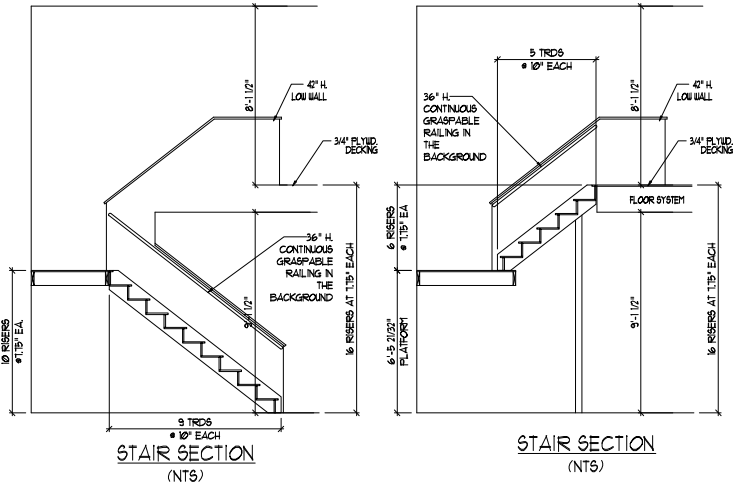


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REVIEWED BY:

ROOF PLAN
OPTIONS
A-8.2



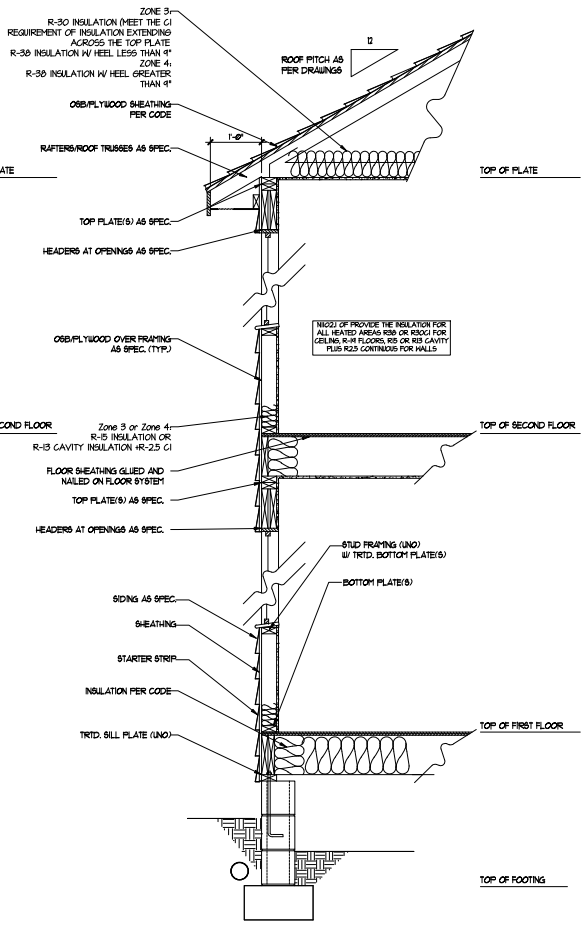
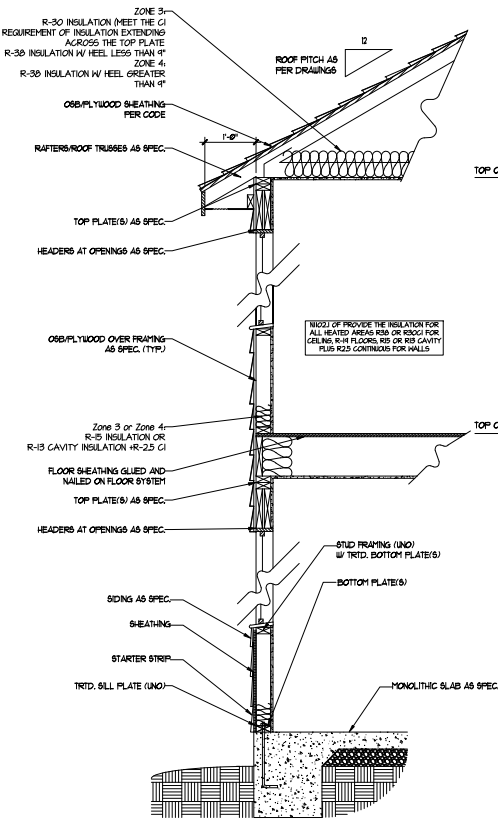
STAIR NOTES:

RAILING
 BALUSTERS SHALL BE SPACED SO THAT A 4" SPHERE CANNOT PASS THROUGH.
 THE TRIANGULAR OPENINGS FORMED BY THE RISER, HEAD AND BOTTOM RAIL OF A GUARD AT THE OPEN SIDE OF A STAIRWAY ARE PERMITTED TO BE A SUCH A SIZE THAT A SPHERE OF 4 INCHES CANNOT PASS THROUGH.

OPENINGS FOR REQUIRED GUARDS ON THE SIDES OF STAIR TREADS SHALL NOT ALLOW A SPHERE 4.58 INCHES TO PASS THROUGH.

HANDRAILS
 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. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEEL, POOTH OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1-1/2 INCH BETWEEN THE WALL AND HANDRAILS.

CONTINUOUS GRASPABLE HANDRAIL MUST MEET TYPE ONE OR TYPE TWO CRITERIA



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DREAM FINDERS HOMES
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 ENGINEERED BY:
 REVIEWED BY:

WALL SECTIONS
 AND STAIR
 DETAIL

AD-1

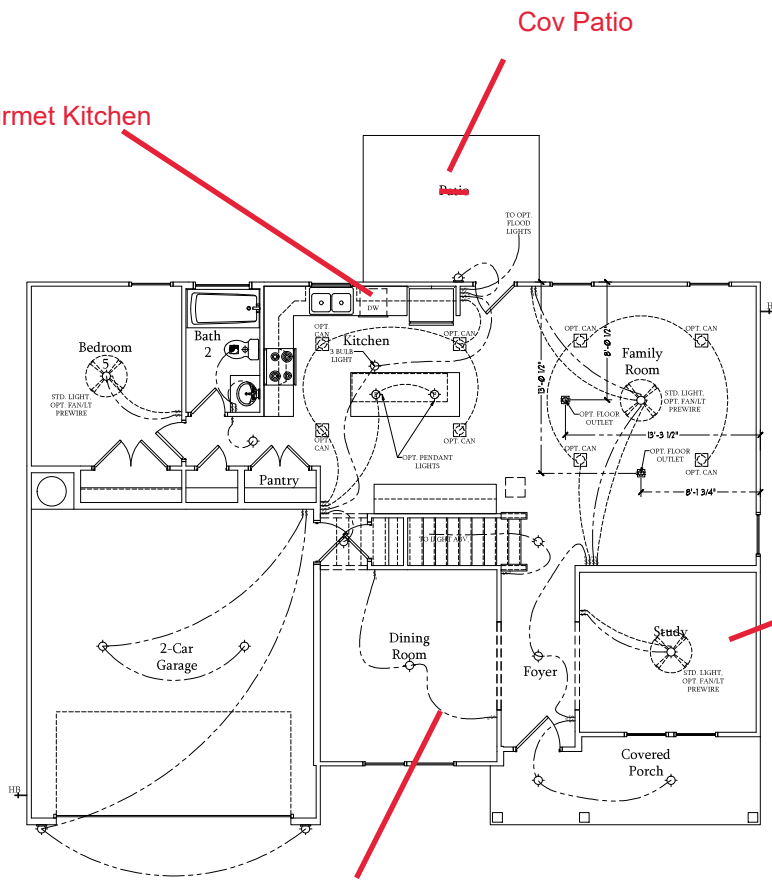
ELECTRICAL LEGEND

- ⊖ 120V OUTLET
- ⊖ 120V GFI OUTLET
- ⊖ 120V SWITCHED OUTLET
- ⊖ 120V BASEBOARD OUTLET
- ⊖ 4 PLEX
- ⊖ FLOOR MOUNTED 120V
- ⊖ FLOOR MOUNTED 120V GFI
- ⊖ WEATHERPROOF
- ⊖ 220V OUTLET
- ⊖ 120V DEDICATED CIRCUIT
- ⊖ 220V DEDICATED CIRCUIT
- ⊖ SPECIAL PURPOSE (240 V, ETC.)
- ⊖ WALL MOUNT LIGHT
- ⊖ CEILING MOUNT LIGHT
- ⊖ PENDANT LIGHT
- ⊖ RECESSED CAN LIGHT
- ⊖ MINI CAN LIGHT
- ⊖ EVERYBALL LIGHT
- ⊖ FLUORESCENT LIGHT
- ⊖ UNDERCABINET LIGHT
- ⊖ FLOOD LIGHT
- ⊖ SWITCH
- ⊖ 3-WAY SWITCH
- ⊖ 4-WAY SWITCH
- ⊖ DIMMER SWITCH
- ⊖ TELEPHONE
- ⊖ TV CONNECTION
- ⊖ CONDUIT FOR COMPONENT WIRING
- ⊖ SPEAKER
- ⊖ COMBINATION SMOKE CARBON MONOXIDE DETECTOR
- ⊖ 110 V SMOKE DETECTOR
- ⊖ EXHAUST FAN
- ⊖ LOW VOLTAGE PANEL

- ⊖ CEILING FAN
- ⊖ CEILING FAN W/ LIGHT

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL ALL GROUND FAULT CIRCUIT INTERRUPTERS (GFCI) AS INDICATED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.
2. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR: SWITCHES . . . 42" OUTLETS . . . 14" TELEPHONE . . . 14" (UNLESS ASV COUNTERTOP) TELEVISION . . . 14"
3. ALL SMOKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS.
4. ALL 15A AND 20A RECEPTACLES IN SLEEPING ROOMS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PORCHES, LIBRARIES, DEN, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, AND SIMILAR AREAS WILL REQUIRE A COMBINATION TYPE AFCI DEVICE AND TAMPER PROOF RECEPTACLES.
5. ALL 15A AND 20A 120V RECEPTACLES LOCATED IN THE GARAGE AND UTILITY ROOMS SHALL BE GFCI PROTECTED (GFI).
6. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICIAN TO ENSURE THAT ALL ELECTRICAL WORK IS IN FULL COMPLIANCE WITH ALL APPLICABLE LOCAL STANDARDS, CODES, AND ORDINANCES.
7. EVERY BUILDING HAVING A FOSSIL FUEL BURNING HEATER OR APPLIANCE, FIREPLACE, OR AN ATTACHED GARAGE SHALL HAVE AN OPERATIONAL CARBON MONOXIDE DETECTOR INSTALLED WITHIN 10 FEET OF EACH ROOM USED FOR SLEEPING PURPOSES.
8. ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING. WHEN SUCH WIRING IS SERVED FROM THE LOCAL POWER UTILITY, SUCH ALARMS SHALL HAVE BATTERY BACKUP. COMBINATION SMOKE CARBON MONOXIDE ALARMS SHALL BE LISTED OR LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.



First Floor Plan
SCALE: 1/4"=1'-0" ON 22x34 AND
1/8"=1'-0" ON 11x17

PRICES: PRICED TO MATCH CURRENT MARKET. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. DIMENSIONS ARE TO FACE UNLESS INDICATED OTHERWISE. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE INDICATED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE INDICATED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE INDICATED.

DREAM FINDERS HOMES SOUTHPORT

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ENGINEERED BY:
REVIEWED BY:
FIRST FLOOR ELECTRICAL PLAN

ELECTRICAL LEGEND

- 120V OUTLET
- 120V GFI OUTLET
- 120V SWITCHED OUTLET
- 120V BASEBOARD OUTLET
- 4 PLEX
- FLOOR MOUNTED 120V
- FLOOR MOUNTED 120V GFI
- WEATHERPROOF
- 200V OUTLET
- 120V DEDICATED CIRCUIT
- 200V DEDICATED CIRCUIT
- SPECIAL PURPOSE (240 V. ETC.)
- WALL MOUNT LIGHT
- CEILING MOUNT LIGHT
- PENDANT LIGHT
- RECESSED CAN LIGHT
- MINI CAN LIGHT
- EYEBALL LIGHT
- FLUORESCENT LIGHT
- UNDERCABINET LIGHT
- FLOOD LIGHT
- SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- TELEPHONE
- TV CONNECTION
- CONDUIT FOR COMPONENT WIRING
- SPEAKER
- COMBIO SMOKE CARBON MONOXIDE DETECTOR
- 110 V SMOKE DETECTOR
- EXHAUST FAN
- LOW VOLTAGE PANEL

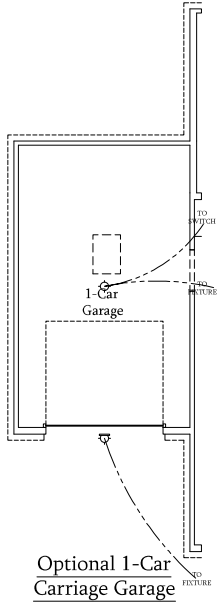
- CEILING FAN
- CEILING FAN W/ LIGHT

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL GROUND FAULT CIRCUIT INTERRUPTERS (GFCI) INSTALLED ON PLANS OR AS ITEM NO. 4 AND 5 BELOW INDICATES.
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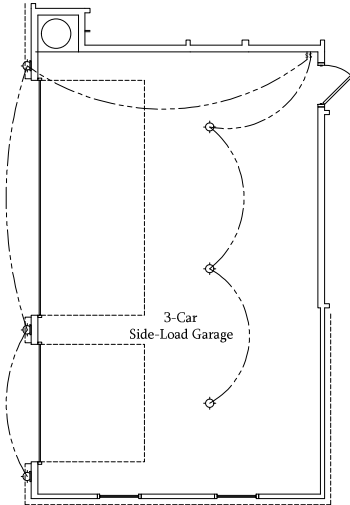
Optional Service Door at 1-Car Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



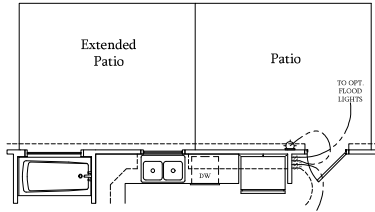
Optional 1-Car Carriage Garage

Not Available w/ Opt. 2-Car Side Load Garage or 3-Car Side Load Garage
SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



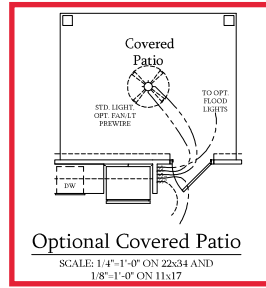
Optional 3-Car Side Load Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



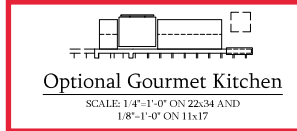
Optional Extended Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



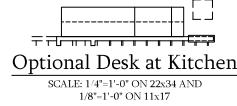
Optional Covered Patio

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



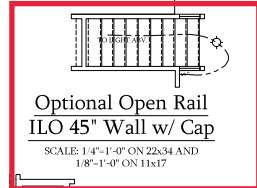
Optional Gourmet Kitchen

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



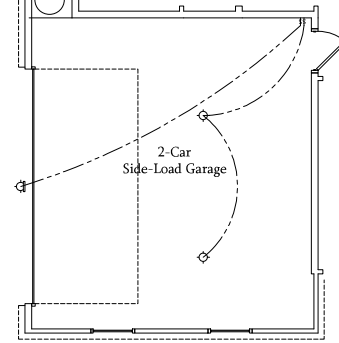
Optional Desk at Kitchen

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Open Rail 45" Wall w/ Cap

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional 2-Car Side Load Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17

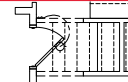
Optional Service Door at Garage

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



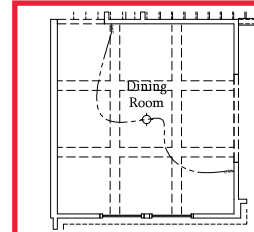
Optional Fireplace at Family Room

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



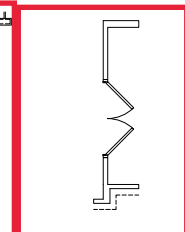
Optional Butler's Pantry at Garage Entry

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



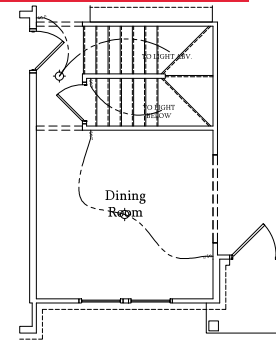
Opt. Coffered Ceiling at Dining Room

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Optional Bi-Swing Doors at Study

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



Dining Room w/ Opt. Basement

SCALE: 1/4"=1'-0" ON 22x34 AND 1/8"=1'-0" ON 11x17



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FIRST FLOOR ELECTRICAL PLAN - OPTIONS

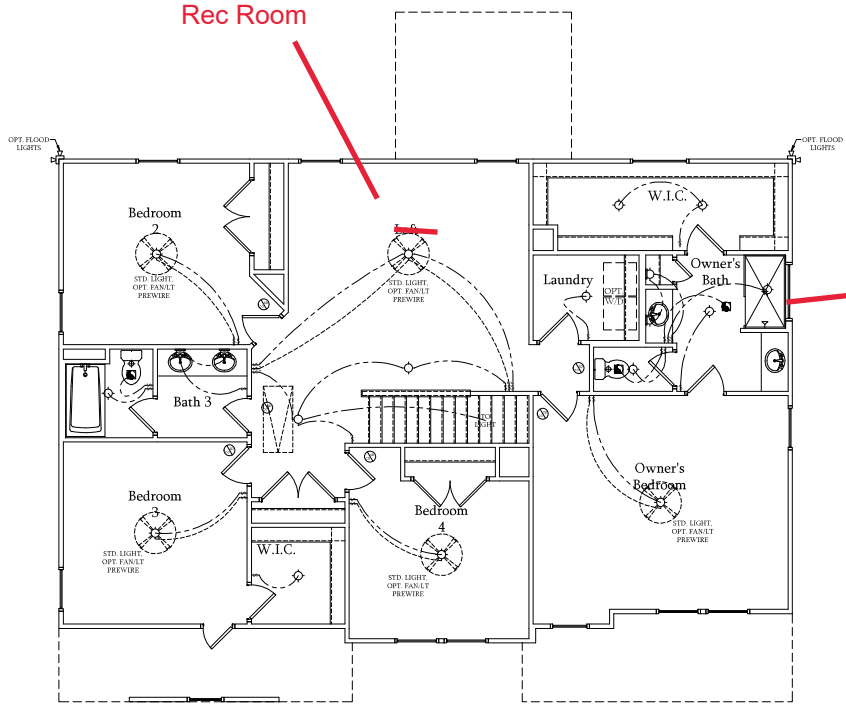
ELECTRICAL LEGEND

- 120V OUTLET
- 120V GFI OUTLET
- 120V SWITCHED OUTLET
- 120V BASEBOARD OUTLET
- 4 PLEX
- FLOOR MOUNTED 120V
- FLOOR MOUNTED 120V GFI
- WEATHERPROOF
- 220V OUTLET
- 120V DEDICATED CIRCUIT
- 220V DEDICATED CIRCUIT
- SPECIAL PURPOSE (240 V, ETC.)
- WALL MOUNT LIGHT
- CEILING MOUNT LIGHT
- PENDANT LIGHT
- RECESSED CAN LIGHT
- MINI CAN LIGHT
- INVESTAL LIGHT
- FLUORESCENT LIGHT
- UNDERCABINET LIGHT
- FLOOD LIGHT
- SWITCH
- 3 WAY SWITCH
- 4 WAY SWITCH
- DIMMER SWITCH
- TELEPHONE
- TV CONNECTION
- CONDUIT FOR COMPONENT WIRING
- SPEAKER
- COMBINATION CARBON MONOXIDE DETECTOR
- 110 V SMOKE DETECTOR
- EXHAUST FAN
- LOW VOLTAGE PANEL

- CEILING FAN
- CEILING FAN W/ LIGHT

ELECTRICAL NOTES:

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2. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES AND RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE FINISHED FLOOR:
SWITCHES - 42"
OUTLETS - 14"
TELEPHONE - 14" (UNLESS ABOVE COUNTERTOP)
TELEVISION - 14"
3. ALL SMOKE DETECTORS SHALL BE HARDWIRED INTO AN ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS.
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Second Floor Plan

SCALE: 1/4"=1'-0" ON 22x34 AND
1/8"=1'-0" ON 11x17



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ENGINEERED BY:
REVIEWED BY:

SECOND FLOOR
ELECTRICAL PLAN
E-2

LINTEL SCHEDULE FOR BRICK/NATURAL STONE SUPPORT

LENGTH (FT.)	SIZE OF LINTEL
UP TO 4 FT.	L 3 1/2 x 3 1/2 x 1/4
4-8	L 5 x 3 1/2 x 5/16 LLV
8 AND GREATER	L 6 x 4 x 5/16 LLV

BRICK SUPPORT NOTES:

- LINTEL SCHEDULE APPLIES TO ALL OPENINGS IN BRICK VENEER (AND) SEE ARCH DATA FOR SIZE AND LOCATION OF OPENING.
- (LLV) = LONG LEG VERTICAL
- LENGTH + CLEAR OPENING
- SPACED ALL ANGLE IRONS MIN. 4" EACH SIDE INTO VENEER TO PROVIDE BEARING.
- FOR ALL HEADERS 8"Ø AND GREATER IN LENGTH ATTACH STEEL ANGLE TO HEADER W/ 1/2" LAG SCREWS @ 12" O.C. STAGGERED.
- FOR ALL BRICK SUPPORT @ ROOF LINES, FASTEN (1) 2 x 10 BLOCKING BETWEEN STUDS W/ (4) 8d NAILS PER PL. FASTEN 4 8" x 4" x 5/16" STEEL ANGLE TO (2) 2 x 10 BLOCKING W/ (2) 1/2" LAG SCREWS @ 12" O.C. STAGGERED. SEE SECTION R603.8.21 OF THE 2008 NIRC FOR ADDITIONAL BRICK SUPPORT INFORMATION. PRECAST REINFORCED CONCRETE LINTELS ENGINEERED BY OTHERS MAY BE USED IN LIEU OF STEEL LINTELS.

NOTE:

BCI 4000s-18 JOISTS MAY BE USED IN LIEU OF T&B JOISTS AT THE DEPTH AND SPACING NOTED ON THE PLAN.

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R603.10 OF THE NIRC 2008 EDITION.
- C5-50F REFERS TO 'CONTINUOUS SHEATHING - WOOD STRUCTURAL PANEL BY CONTRACTOR IS TO INSTALL 1/4" OSB ON ALL EXTERIOR WALLS ATTACHED W/ 8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
- 6ES REFERS TO 'GYPSUM BOARD' CONTRACTOR IS TO INSTALL 1/2" (MNU) GYPSUM WALL BOARD WHERE NOTED ON THE PLAN. FASTEN GB WITH 1 1/4" SCREWS OR 1 3/8" NAILS SPACED 12" O.C. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES.
- BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 160 MPH. FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 46 OF THE NIRC 2008 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

NOTE:

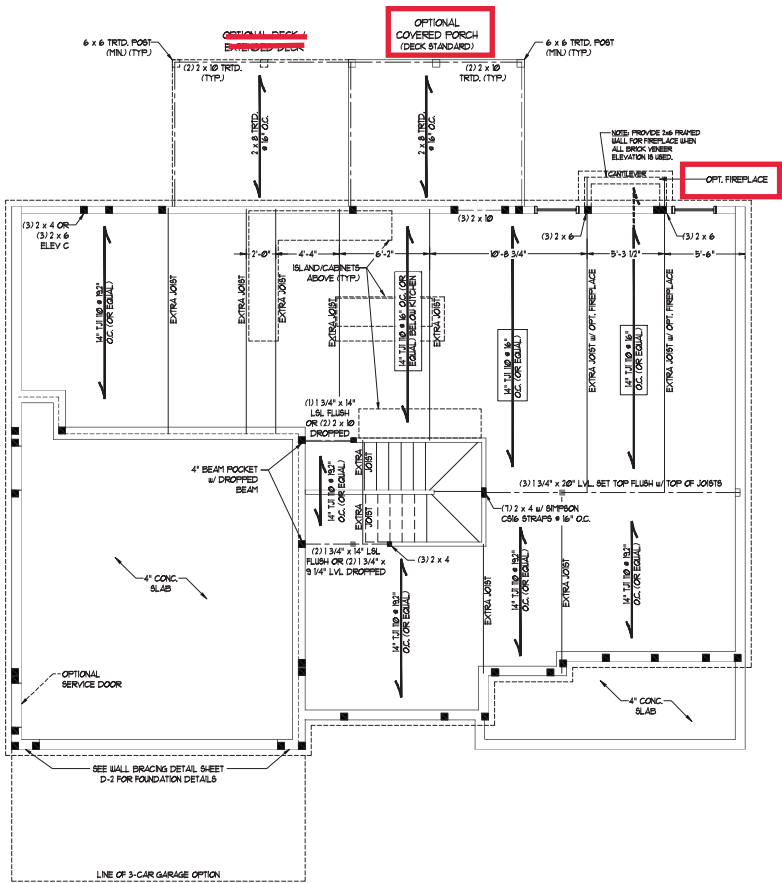
- PER SECTION R602.0.4.6 OF THE 2008 NIRC, THE AMOUNT OF BRACING REQUIRED ON THE WALK OUT BASEMENT WALLS EXCEEDS THE AMOUNT OF BRACING ON THE WALL ABOVE MULTIPLIED BY A FACTOR OF 1.5.
- SHEATH ALL EXTERIOR WALLS WITH 7/8" OSB SHEATHING ATTACHED WITH 8d NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE #2 SPF (UNO). ALL TREATED LUMBER TO BE #2 SYP (UNO).
- INSTALL AN EXTRA JOIST UNDER WALLS PARALLEL TO FLOOR JOISTS WHERE NOTED ON THE PLAN.
- WINDOW AND DOOR HEADERS TO BE SUPPORTED W/ (1) JACK STUD AND (1) KING STUD EA. END (UNO). SEE TABLE R602.7 FOR ADDITIONAL KING STUD REQUIREMENTS.
- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GROUND OR FOUNDATION SUPPORT UNSPECIFIED PT. LOADS ALONG FRAMED WALLS W/ (2) STUDS (UNO).
- ALL LOAD BEARING HEADERS TO BE (3) 2 x 10 (UNO).
- STEP BASEMENT FDN. DOWN TO 2 x 6 @ 16" O.C. WALL WHERE GRADE PERMITS.
- ALL LOAD BEARING INTERIOR WALLS TO BE 2 x 4 @ 12" O.C. OR 2 x 6 @ 16" O.C. (UNO).
- FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/8" OSB SHEATHING WITH JOISTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE TOP PLATES, BANDS, JOISTS, AND GIRDERS WITH (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE WALL PLATES THEIR FULL DEPTH.
- ALL 4 x 4 POSTS SHALL BE ANCHORED TO SLABS W/ SIMPSON AB144 POST BASES (OR EQUAL) AND 6 x 6 POSTS W/ AB166 POST BASES (OR EQUAL) (UNO). ALL 4 x 4 & 6 x 6 POSTS TO BE INSTALLED WITH 100 LB CAPACITY UPLIFT CONNECTORS AT TOP (UNO).
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

TABLE R602.13
MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	16	24
UP TO 3'	1	1
4'	2	1
8'	3	2
12'	5	3
16'	6	4



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 N.C. LICENSE NO. C-1131

SOUTHPORT H&H HOMES



DATE: NOVEMBER 2, 2021
 SCALE: 1/8" = 1'-0"
 DRAWN BY: H&H HOMES
 ENGINEERED BY: WFF

SHEET: 5 OF 9
 S-2
 FIRST FLOOR FRAMING PLAN

11/2/2021

BRACED WALL DESIGN NOTES:

- BRACED WALL DESIGN PER SECTION R602.01 OF THE NIRC 2008 EDITION.
- CS-35P REFERS TO "CONTINUOUS BRACING - WOOD". STRUCTURAL PANEL BY CONTRACTOR IS TO INSTALL 1/2" OCB ON ALL EXTERIOR WALLS ATTACHED w/ 8d NAILS SPACED @ 4" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD. CS-35P REFERS TO "WOOD BRACING" CONTRACTOR IS TO INSTALL 1/2" (MIN) GYPSUM WALL BOARD WHERE NOTED ON THE PLAN. FASTENERS WITH 1/4" SCREWS OR 1/4" NAILS SPACED 12" O.C. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM FLATES.
- BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 100 MPH FOR HIGH WIND ZONES. BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 45 OF THE NIRC 2008 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

BRACED WALL DESIGN

RECTANGLE A		RECTANGLE B	
SIDE 1A (FRONT LOAD)	SIDE 1B	SIDE 2A	SIDE 2B
METHOD: CS-35P/FP	METHOD: FRCS-35P	METHOD: CS-35P	METHOD: CS-35P
TOTAL REQUIRED LENGTH: 128'	TOTAL REQUIRED LENGTH: 228'	TOTAL REQUIRED LENGTH: 128'	TOTAL REQUIRED LENGTH: 228'
TOTAL PROVIDED LENGTH: 118'	TOTAL PROVIDED LENGTH: 6'	TOTAL PROVIDED LENGTH: 206'	TOTAL PROVIDED LENGTH: 206'
METHOD: CS-35P	METHOD: CS-35P	METHOD: CS-35P/FP	METHOD: CS-35P/FP
TOTAL REQUIRED LENGTH: 162'	TOTAL REQUIRED LENGTH: 183'	TOTAL REQUIRED LENGTH: 210'	TOTAL REQUIRED LENGTH: 210'
TOTAL PROVIDED LENGTH: 28'	TOTAL PROVIDED LENGTH: 21'	TOTAL PROVIDED LENGTH: 21'	TOTAL PROVIDED LENGTH: 538'

NOTE: ALL EXTERIOR WALLS AND ATTIC WALLS ARE TO BE 2 x 6 @ 16" O.C. (UNO). 2 x 4 @ 16" O.C. EXTERIOR WALLS MAY BE CONSTRUCTED IN LIEU OF 2 x 6 WALLS (UNO). ALL INTERIOR LOAD BEARING WALLS ARE TO BE 2 x 4 @ 16" O.C. (UNO) AND NON-LOAD BEARING INTERIOR WALLS ARE TO BE 2 x 4 @ 24" O.C. (UNO).

LINTEL SCHEDULE FOR BRICK/NATURAL STONE SUPPORT

LENGTH (FT)	SIZE OF LINTEL
UP TO 4 FT.	L 3 1/2 x 3 1/2 x 14
4-8	L 5 x 3 1/2 x 5/16 LLV
8 AND GREATER	L 6 x 4 x 5/16 LLV

NOTE:
• BC1 4500A-18 JOISTS MAY BE USED IN LIEU OF 7 1/2" JOISTS AT THE DEPTH AND SPACING NOTED ON THE PLAN.

BRICK SUPPORT NOTES:

- LINTEL SCHEDULE APPLIES TO ALL OPENINGS IN BRICK VENEER (SEE ARCH DRAWG FOR SIZE AND LOCATION OF OPENINGS).
- LLV = LONG LESS VERTICAL LENGTH + CLEAR OPENING.
- EMBED ALL ANGLE IRONS MIN. 4" EACH SIDE INTO VENEER TO PROVIDE BEARING.
- FOR ALL HEADERS 8"-Ø" AND GREATER IN LENGTH, ATTACH STEEL ANGLE TO HEADER w/ 1/2" LAG SCREWS @ 12" O.C. STAGGERED.
- FOR ALL BRICK SUPPORT @ ROOF LINES, FASTEN (2) x 10 BLOCKING BETWEEN STUDS w/ (4) 10d NAILS PER FL.Y. FASTEN 4" x 4" x 3/8" STEEL ANGLE TO 7 1/2" x 10 BLOCKING w/ (2) 1/2" LAG SCREWS @ 12" O.C. STAGGERED. SEE SECTION R703.6.2.1 OF THE 2008 NIRC FOR ADDITIONAL BRICK SUPPORT INFORMATION.
- PRECAST REINFORCED CONCRETE LINTELS ENGINEERED BY OTHERS MAY BE USED IN LIEU OF STEEL LINTELS.

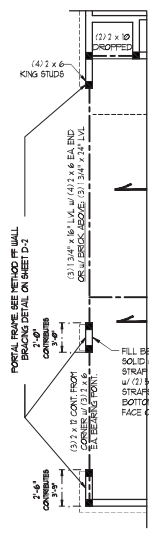
STRUCTURAL NOTES:

- ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED LUMBER TO BE SYP #2 (UNO).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA END (UNO). SEE TABLE R602.13 FOR ADDITIONAL KING STUD REQUIREMENTS.
- SQUARES ZERO POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. ALL SQUARES TO BE (7) STUDS (UNO).
- FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 1/2" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 12" O.C. ALONG EDGES AND 48" O.C. IN THE FIELD.
- FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE TOP FLATES, BANDS, JOISTS, AND GIRDERS WITH (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR FULL DEPTH.
- ALL 4 x 4 POSTS SHALL BE ANCHORED TO SLABS w/ SIMPSON A304 POST BASES OR EQUAL AND 6 x 6 POSTS w/ 4546K POST BASES (OR EQUAL) (UNO). ALL 4 x 4 AND 6 x 6 POSTS TO BE INSTALLED WITH 200 LB CAPACITY (LIFT) CONNECTORS AT TOP (UNO).
- FOR FIBERGLASS ALUMINUM OR COLUMN ENG BY OTHERS, SECURE TO SLAB w/ (2) METAL ANGLES USING 2" CONC. BOLTS. FASTEN ANGLES TO COLUMNS w/ 1/4" THROUGH BOLTS w/ NUTS AND WASHERS. LOCATE ANGLES ON OPPOSITE SIDES OF COLUMN. THROUGH BOLTS MUST BE INSTALLED PRIOR TO SETTING COLUMN.
- REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

*TSP" INDICATES TRIPLE STUD POCKET BETWEEN WINDOW UNITS.

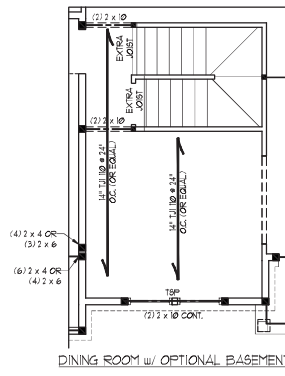
MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

HEADER SPAN (FEET)	MAXIMUM STUD SPACING (INCHES) (PER TABLE R602.13)
UP TO 3'	36
4'	24
8'	18
12'	12
16'	6

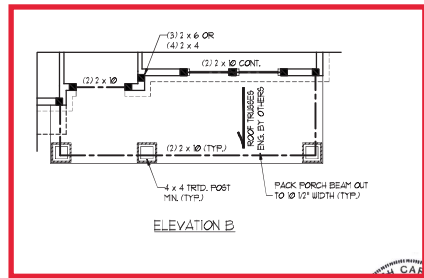
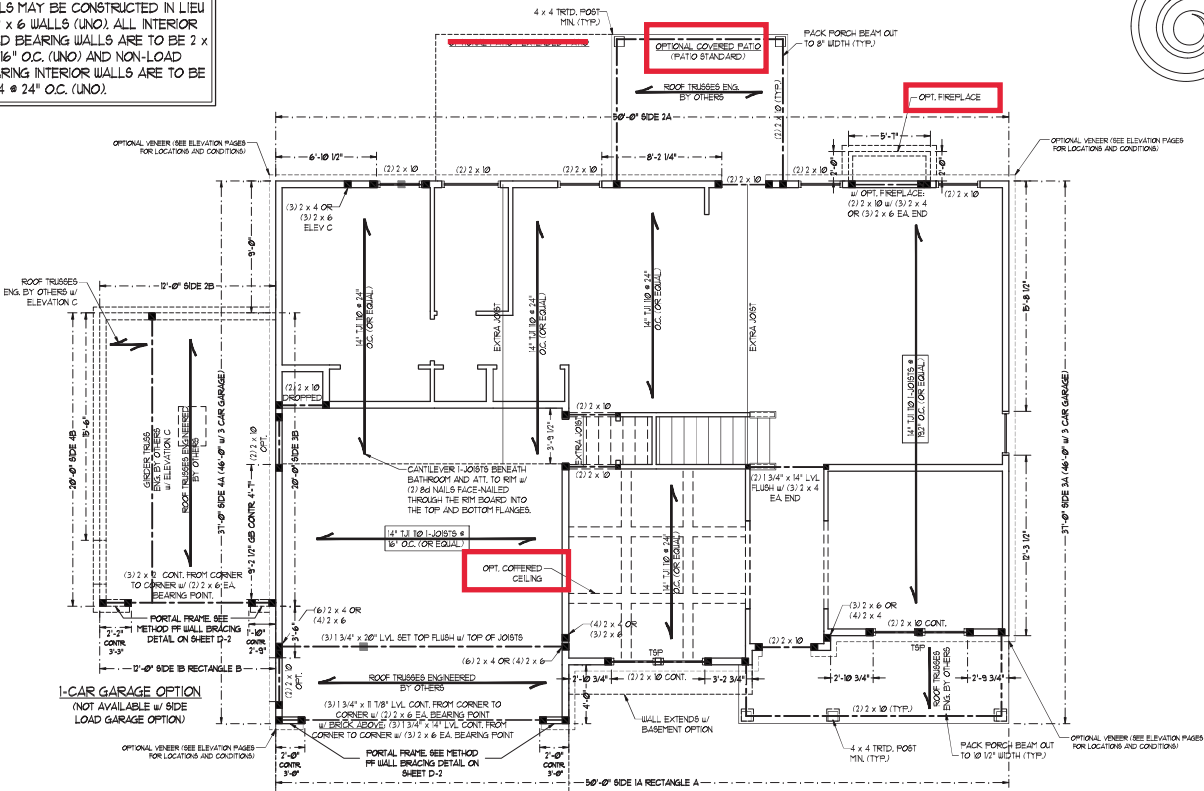


3-CAR SIDE LOAD GARAGE OPTION
(NOT AVAILABLE WITH OPTIONAL ONE-CAR GARAGE)

SIDE-LOAD GARAGE OPTION
(NOT AVAILABLE WITH OPTIONAL ONE-CAR GARAGE)



DINING ROOM w/ OPTIONAL BASEMENT



ELEVATION B



11/2/2021

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N.C. LICENSE NO. C-1131

SOUTHPORT H&H HOMES

DATE: NOVEMBER 2, 2021
SCALE: 1/8" = 1'-0"
DRAWN BY: H&H HOMES
ENGINEERED BY: WTB

SHEET 6 OF 9
S-3 SECOND FLOOR FRAMING PLAN

- BRACED WALL DESIGN NOTES:**
- BRACED WALL DESIGN PER SECTION R602.10 OF THE NCRC 2018 EDITION.
 - CS-98 REFERS TO "CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS" CONTRACTOR IS TO INSTALL 7/16" OSB ON ALL EXTERIOR WALLS ATTACHED w/ 8d NAILS BRACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.
 - CS-6 REFERS TO "GYPSUM BOARD" CONTRACTOR IS TO INSTALL 1/2" (MIN) GYPSUM WALL BOARD WHERE NOTED ON THE PLANS. FASTEN CS w/ 1 1/4" SCREWS OR 1 3/8" NAILS SPACED 7" O.C. ALONG PANEL EDGES AND IN THE FIELD INCLUDING TOP AND BOTTOM PLATES.
 - BRACED WALL DESIGN APPLIED IN WIND ZONES UP TO 160 MPH. FOR HIGH WIND ZONES, BRACE WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH CHAPTER 26 OF THE NCRC 2018 EDITION. SEE NOTES AND DETAIL SHEETS FOR ADDITIONAL BRACED WALL INFORMATION.

NOTE: ALL EXTERIOR WALLS AND ATTIC WALLS ARE TO BE 2 x 6 @ 16" O.C. (UNO). 2 x 4 @ 16" O.C. EXTERIOR WALLS MAY BE CONSTRUCTED IN LIEU OF 2 x 6 WALLS (UNO). ALL INTERIOR LOAD BEARING WALLS ARE TO BE 2 x 4 @ 16" O.C. (UNO) AND NON-LOAD BEARING INTERIOR WALLS ARE TO BE 2 x 4 @ 24" O.C. (UNO).

- NOTE:**
- PER SECTION R602.3.3 OF THE 2018 NCRC, THE AMOUNT OF BRACING ON THE SECOND FLOOR EXCEEDS THE AMOUNT REQUIRED FOR THE FIRST FLOOR AND NO BRACED WALL ANALYSIS IS REQUIRED.
 - SHEATH ALL EXTERIOR WALLS WITH 7/16" OSB SHEATHING ATTACHED WITH 8d NAILS AT 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD.

LINTEL SCHEDULE FOR BRICK/NATURAL STONE SUPPORT

LENGTH (FT.)	SIZE OF LINTEL
UP TO 4 FT.	L 3 1/2 x 3 1/2 x 1/4
4-8	L 5 x 3 1/2 x 5/16 LLV
8 AND GREATER	L 6 x 4 x 5/16 LLV

- BRICK SUPPORT NOTES:**
- LINTEL SCHEDULE APPLIES TO ALL OPENINGS IN BRICK VENEER (UNO). SEE ARCH DGS. FOR SIZE AND LOCATION OF OPENINGS.
 - (LLV) = LONG LEG VERTICAL.
 - LENGTH = CLEAR OPENING.
 - EMBED ALL ANGLE IRONS MIN. 4" EACH SIDE INTO VENEER TO PROVIDE BEARING.
 - FOR ALL HEADERS 8" OR GREATER IN LENGTH, ATTACH STEEL ANGLE TO HEADER w/ 12" LAG SCREWS @ 12" O.C. STAGGERED.
 - FOR ALL BRICK SUPPORT & ROOF LINES, FASTEN (2) 2 x 10 BLOCKING BETWEEN STUDS w/ (2) 10d NAILS PER FT. FASTEN A 6" x 4" x 5/16" STEEL ANGLE TO (2) 2 x 10 BLOCKING w/ (2) 12" LAG SCREWS @ 12" O.C. STAGGERED. SEE SECTION R103.8.2 OF THE 2018 NCRC FOR ADDITIONAL BRICK SUPPORT INFORMATION.
 - PRECAST REINFORCED CONCRETE LINTELS ENGINEERED BY OTHERS MAY BE USED IN LIEU OF STEEL LINTELS.

STRUCTURAL NOTES:

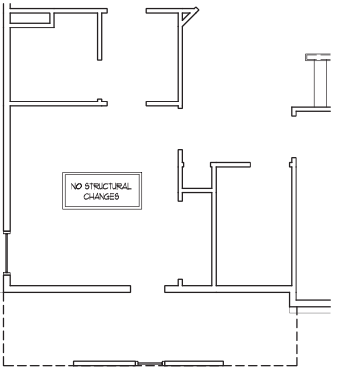
- ALL FRAMING LUMBER TO BE SYP #1 (UNO). ALL TREATED LUMBER TO BE SYP #1 (UNO).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 6 (UNO).
- WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1) JACK STUD AND (1) KING STUD EA. END (UNO). SEE TABLE R601.5 FOR ADDITIONAL KING STUD REQUIREMENTS.
- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDERS OR FOUNDATION. ALL SQUARES TO BE (2) STUDS (UNO).
- FOR HIGH WIND ZONES, ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/16" OSB SHEATHING WITH JOINTS BLOCKED AND SECURED WITH 8d NAILS AT 3" O.C. ALONG EDGES AND 6" O.C. IN THE FIELD.
- FOR HIGH WIND ZONES, SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE TOP PLATES, BANDS, JOISTS, AND GIRDERS WITH (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C. PANELS SHALL EXTEND 12" BEYOND CONSTRUCTION JOINTS AND SHALL OVERLAP GIRDERS AND DOUBLE SILL PLATES THEIR FULL DEPTH. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

SP INDICATES TRIPLE STUD POCKET BETWEEN WINDOW UNITS.

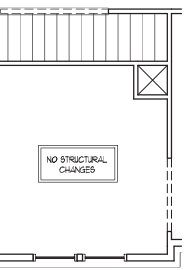
TABLE R601.5

MINIMUM NUMBER OF FULL HEIGHT STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS

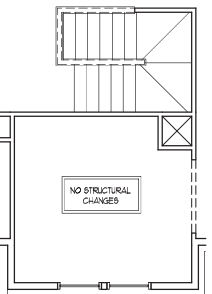
HEADER SPAN (FEET)	MINIMUM STUD SPACING (INCHES) PER TABLE R601.5	MINIMUM NUMBER OF STUDS
UP TO 3'	1	1
4'	2	1
5'	3	2
7'	5	3
10'	6	4



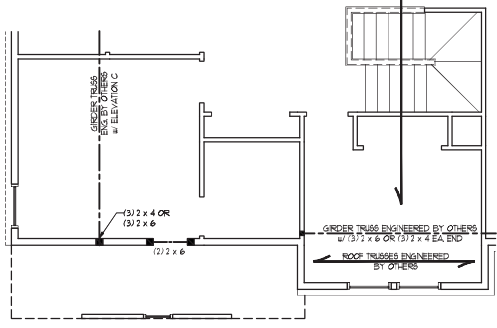
OPTIONAL BATH 5 w/ BEDROOM 3 AND BATH 4



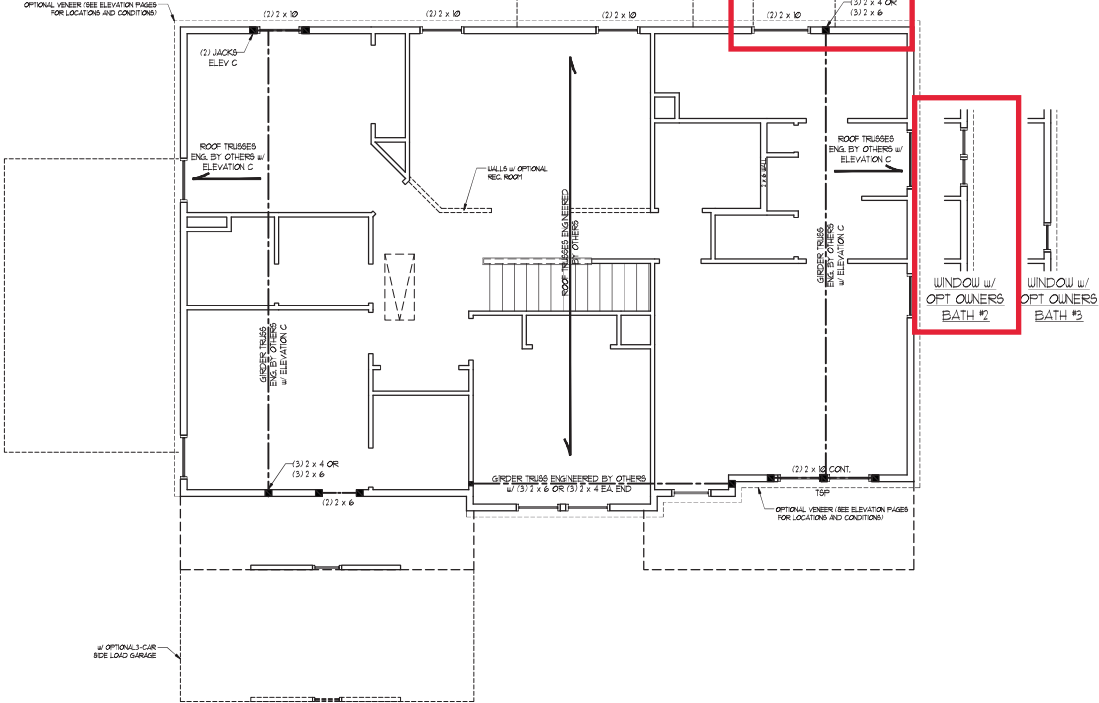
OPTIONAL SITTING ROOM AT OWNER'S BEDROOM



OPTIONAL SITTING ROOM AT OWNER'S BEDROOM (WITH OPTIONAL BASEMENT)



BEDROOM #4 (WITH OPTIONAL BASEMENT)



Cov Patio

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 N.C. LICENSE NO. C-173

SOUTHPORT H&H HOMES

WESH CAROLINA REGISTERED PROFESSIONAL ENGINEER
 SEAL 33736
 MATTHEW G. STROTHER
 11/2/2021

DATE: NOVEMBER 2, 2021
 SCALE: 1/4" = 1'-0"
 DRAWN BY: H&H HOMES
 ENGINEERED BY: WTS

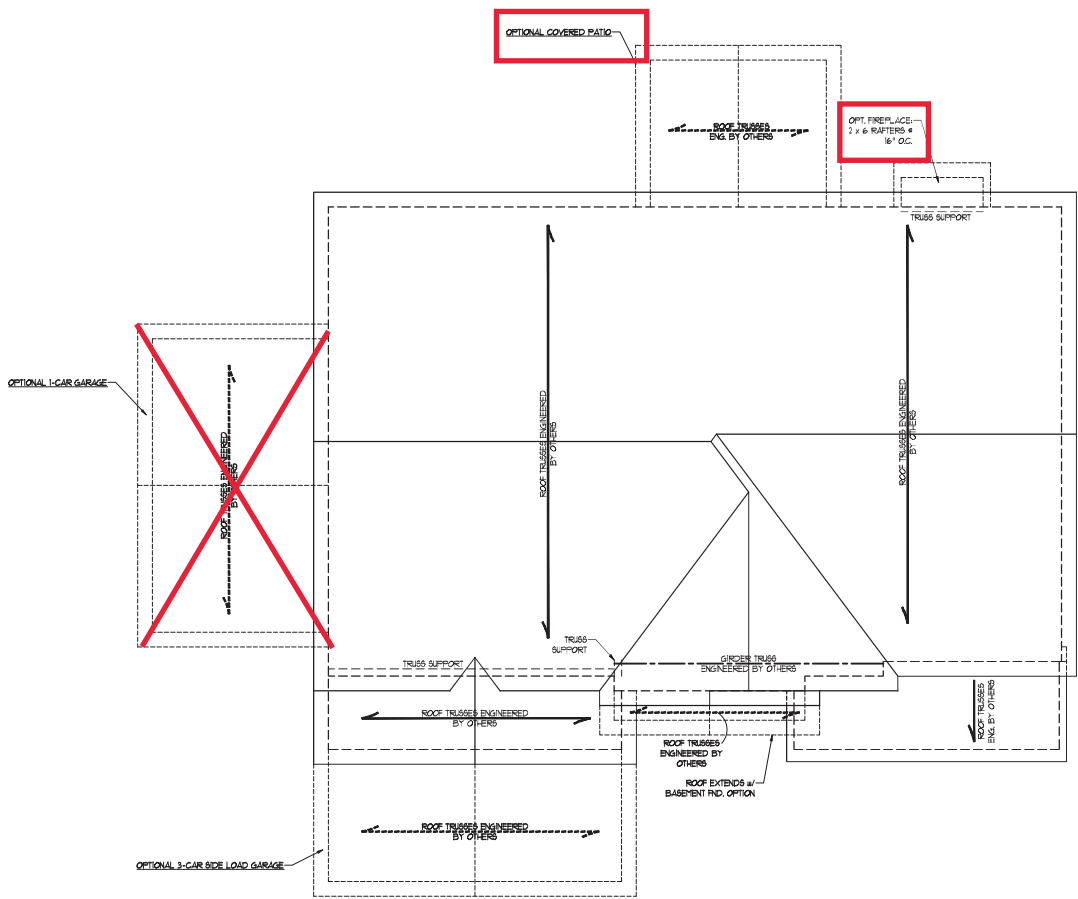
SHEET 7 OF 9
 S-4
 CEILING FRAMING PLAN

BRICK SUPPORT NOTE:

1. FASTEN (2) 2 x 10 BLOCKING BETWEEN WALL STUDS w/ (4) 2d NAILS PER FLT. FASTEN A 6" x 4" x 5/8" STEEL ANGLE TO (2) 2 x 10 BLOCKING w/ (2) 2" LAG SCREWS # 10" O.C. STAGGERED. SEE SECTION R101.8.1 OF THE 2018 NRC FOR ADDITIONAL BRICK SUPPORT INFORMATION.
2. WHERE ROOF SLOPES EXCEED 1/10, INSTALL 3" x 3" x 1/4" STEEL PLATE STOPS AT 24" O.C. PER SECTION R101.8.1 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.

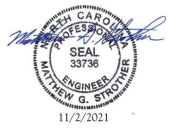
STRUCTURAL NOTES:

1. ALL FRAMING LUMBER TO BE #1 SRF (NO).
2. CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF SUPPORT.
3. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS.
4. HIP SPLICES ARE TO BE SPACED A MIN. OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 10d NAILS # 16" O.C. (TYP).
5. STICK FRAME OVER-FRAMED ROOF SECTIONS w/ 2 x 8 RIDGES, 2 x 6 RAFTERS # 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES.
6. FASTEN FLAT VALLEYS TO RAFTERS OR TRUSSES WITH SHIPSON HIGH HURRICANE TIES # 3/4" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING. EACH RAFTER IS TO BE FASTENED TO THE FLAT VALLEY WITH A MIN. OF (6) 7/8" 10d NAILS.
7. REFER TO SECTION R802.1 OF THE 2018 NRC FOR REQUIRED UPLIFT RESISTANCE AT RAFTERS AND TRUSSES.
8. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.



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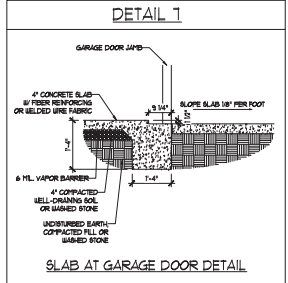
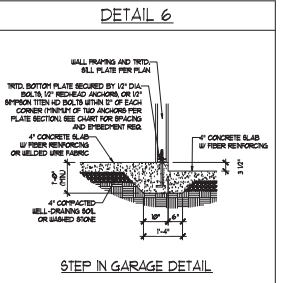
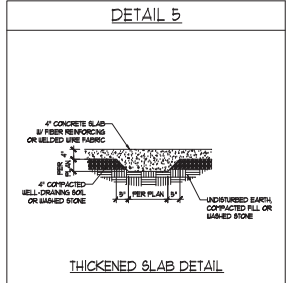
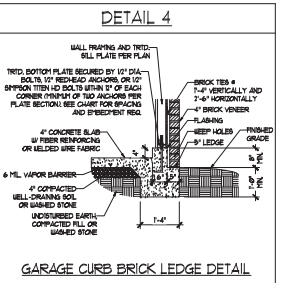
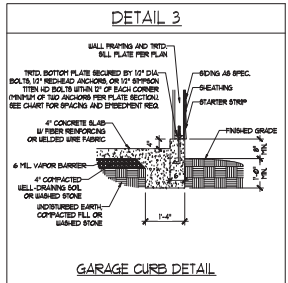
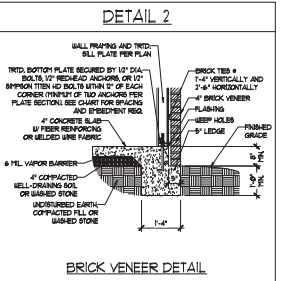
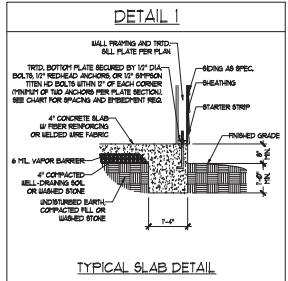
SOUTHPORT
H&H HOMES



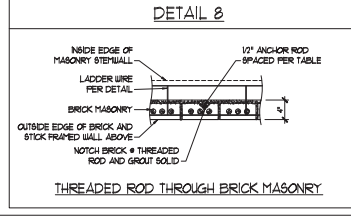
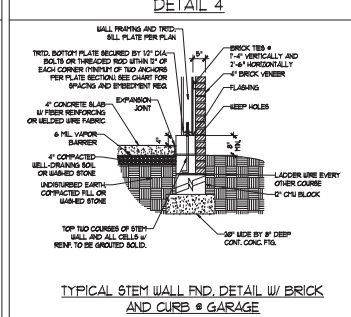
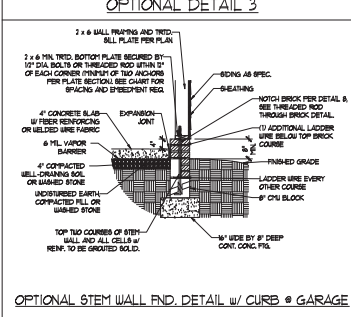
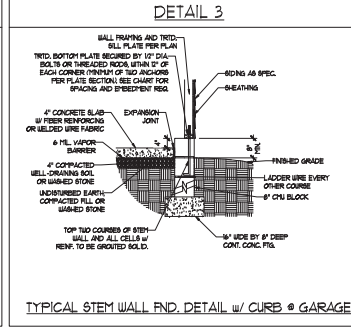
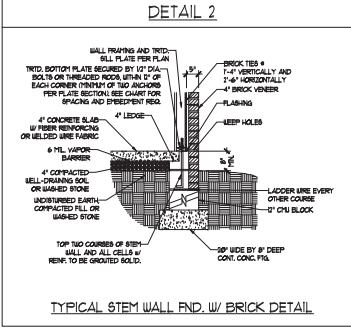
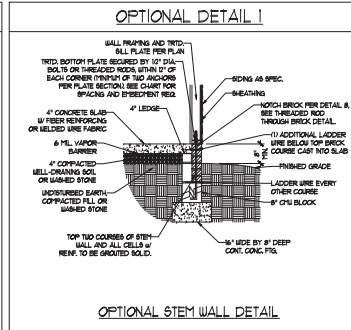
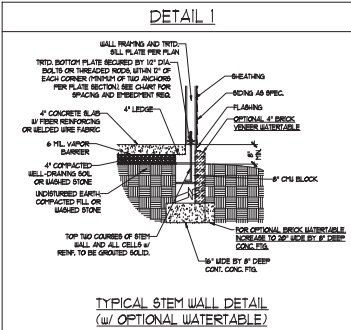
DATE: NOVEMBER 2, 2021
 SCALE: 1/4" = 1'-0"
 DRAWN BY: H&H HOMES
 ENGINEERED BY: WHT

sheet 8 of 9
S-5a
 ROOF FRAMING PLAN

MONOLITHIC SLAB DETAILS



STEMWALL DETAILS



MASONRY STEMWALL SPECIFICATIONS

WALL HEIGHT (FEET)	MASONRY WALL TYPE			
	8\"/>			
2 AND BELOW	UNGRAOUT	GROUT SOLID	UNGRAOUT	UNGRAOUT
3	UNGRAOUT	GROUT SOLID	UNGRAOUT	UNGRAOUT
4	GROUT SOLID	GROUT SOLID w/ #4 REBAR @ 48\"/>		

1 AND GREATER ENGINEERED DESIGN BASED ON SITE CONDITIONS

STRUCTURAL NOTES:

- WALL HEIGHT MEASURED FROM TOP OF FOOTING TO TOP OF THE WALL.
- THE MULTIPLE B-TIES TOGETHER WITH LADDER WIRE AT 16\"/>

ANCHOR SPACING AND EMBEDMENT

WIND ZONE	120 MPH	130 MPH
	SPACING	6'-0\"/>



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 N.C. LICENSE NO. C-1731

120 MPH - 130 MPH ULTIMATE DESIGN WIND SPEED
 FOUNDATION DETAILS

DATE: NOVEMBER 14, 2018
 SCALE: MTS
 DRAWN BY: JBT
 ENGINEERED BY: JES

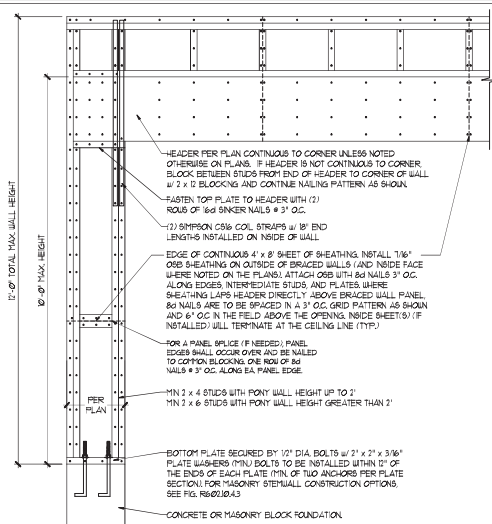
SEAL
 J.S. THOMPSON
 ENGINEER
 MATHIEW G. STANFIELD
 37378

11/2/2021

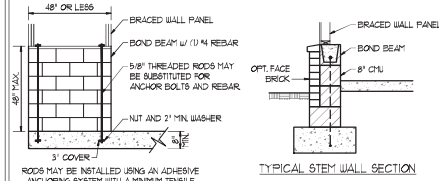
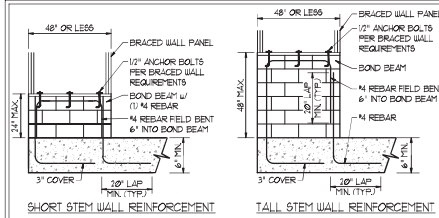
D-1
 FOUNDATION DETAILS

GENERAL WALL BRACING NOTES:

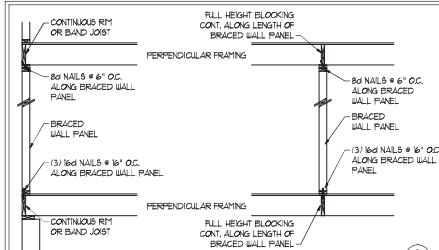
1. WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 OF THE 2018 NC RESIDENTIAL BUILDING CODE (NRC). TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NRC.
2. SEE THIS SHEET FOR GENERAL DETAILS. REFER TO THE 2018 NRC FOR ADDITIONAL INFORMATION AS NEEDED.
3. SEE STRUCTURAL SHEETS FOR BRACED WALL DIMENSIONS, HOLD DOWN TIES AND LOCATIONS. BRACED WALL LINE KEY TYPICAL DESIGN SUMMARY OF REQUIRED PROVIDED TOTALS FOR EACH WALL LINE AND ANY SPECIAL NOTES OR REQUIREMENTS.
4. ALL EXTERIOR WALLS ARE TO BE SHEATHED WITH CS-48P IN ACCORDANCE WITH SECTION R602.10.3 UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR AND INTERIOR WALLS TO HAVE 1/2" GYPSUM INSTALLED, WHEN NOT USING METHOD 'GB'. GYPSUM TO BE FASTENED PER TABLE R602.3. METHOD GB TO BE FASTENED PER TABLE R602.10.
6. CS-48P REFERS TO THE 'CONTINUOUS SHEATHING - WOOD STRUCTURAL PANELS' WALL BRACING METHOD. 1/8" OSB SHEATHING IS TO BE INSTALLED ON ALL EXTERIOR WALLS ATTACHED W/ 8d COMMON NAILS OR 8d 12" LONG x 8D19 DIAPHRAGM WALL BRACING 6" O.C. ALONG PANEL EDGES AND 21" O.C. IN THE FIELD (UNCL).
7. GB REFERS TO THE 'GYPSUM BOARD' WALL BRACING METHOD. 1/2" (MIN) GYPSUM WALL BOARD IS TO BE INSTALLED ON BOTH SIDES OF THE BRACED WALL, FASTENED WITH 1 1/4" SCREWS OR 1 3/8" NAILS SPACED 12" O.C. ALONG PANEL EDGES INCLUDING TOP AND BOTTOM PLATES AND INTERMEDIATE SUPPORTS (UNCL). VERIFY ALL FASTENER OPTIONS FOR 1/2" AND 3/8" GYPSUM PRIOR TO CONSTRUCTION. FOR INTERIOR FASTENER OPTIONS SEE TABLE R702.3.3. FOR EXTERIOR FASTENER OPTIONS SEE TABLE R602.3.1. EXTERIOR GB TO BE INSTALLED VERTICALLY.
8. REQUIRED BRACED WALL LENGTH FOR EACH SIDE OF THE CIRCUMSCRIBED RECTANGLE ARE INTERPOLATED PER TABLE R602.10.3. METHOD CS-48P CONTRIBUTES ITS ACTUAL LENGTH, METHOD GB CONTRIBUTES ITS ACTUAL LENGTH, AND METHOD FF CONTRIBUTES ITS ACTUAL LENGTH.



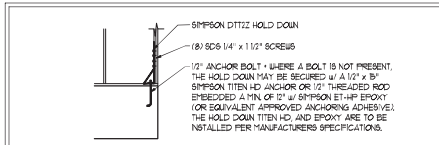
METHOD FF-PORTAL FRAME DETAIL ①



MASONRY STEM WALLS SUPPORTING BRACED WALL PANELS ②
PER FIGURE R602.10.4.3

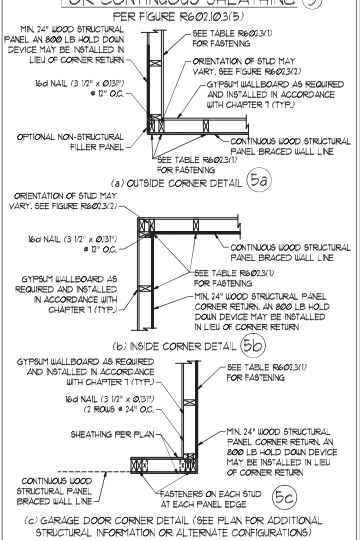


BRACED WALL PANEL CONNECTION WHEN PERPENDICULAR TO FLOOR/CEILING FRAMING ③
PER FIGURE R602.10.4.4(1)

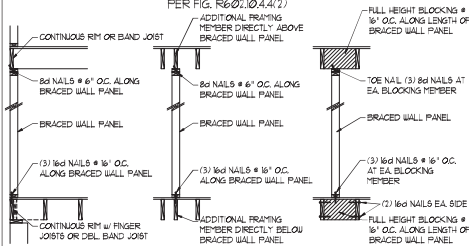


HOLD DOWN DETAIL FOR MASONRY FOUNDATION OR MONOLITHIC SLAB ④
• APPLICABLE ONLY WHERE SPECIFIED ON PLAN •

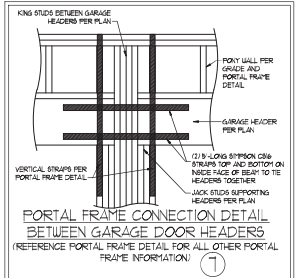
TYPICAL EXTERIOR CORNER FRAMING FOR CONTINUOUS SHEATHING ⑤



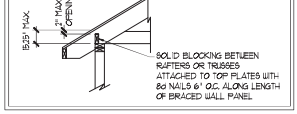
BRACED WALL PANEL CONNECTION WHEN PARALLEL TO FLOOR/CEILING FRAMING ⑥



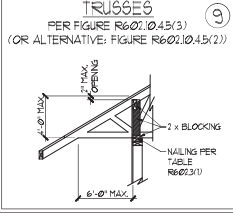
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BRACED WALL PANEL CONNECTION TO PERPENDICULAR RAFTERS ⑧
PER FIGURE R602.10.4.5(1)



BRACED WALL PANEL CONNECTION TO PERPENDICULAR ROOF TRUSSES ⑨



11/2/2021

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120 MPH - 130 MPH ULTIMATE DESIGN WIND SPEED WALL BRACING NOTES AND DETAILS

DATE: NOVEMBER 14, 2018
SCALE: 1/8" = 1'-0"
DRAWN BY: JST
ENGINEERED BY: JST

D-2 BRACED WALL NOTES AND DETAILS AND FF DETAIL

GENERAL NOTES

- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HIPs, VALLEYS, RIDGES, FLOORS, WALLS, BEAMS, HEADERS, COLLARS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIERS, GIRDER SYSTEM AND FOOTING. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OF ARCHITECTURAL LAYOUT INCLUDING ROOF. ENGINEER'S SEAL DOES NOT APPLY TO I-JOIST OR FLOOR/ROOF TRUSS LAYOUT DESIGN AND ACCURACY.
 - ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE (NRC), 2018 EDITION, PLUS ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK. NOR WILL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 - STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NRC, 2018 EDITION (R602.4 - R602.1)
- | DESIGN CRITERIA | LIVE LOAD (PSF) | DEAD LOAD (PSF) | DEFLECTION (IN) |
|--------------------------------|---|-----------------|-----------------------------------|
| ATTIC WITH LIMITED STORAGE | 20 | 10 | L/240 (L/360 w/ BRITTLE FINISHES) |
| ATTIC WITHOUT STORAGE | 10 | 10 | L/360 |
| DECKS | 40 | 10 | L/360 |
| EXTERIOR BALCONIES | 40 | 10 | L/360 |
| FIRE ESCAPES | 40 | 10 | L/360 |
| HANDRAILS/GUARDRAILS | 100 LB OR 50 (PLF) | 10 | L/360 |
| PASSENGER VEHICLE GARAGE | 50 | 10 | L/360 |
| ROOMS OTHER THAN SLEEPING ROOM | 40 | 10 | L/360 |
| SLEEPING ROOMS | 30 | 10 | L/360 |
| STAIRS | 40 | 10 | L/360 |
| WIND LOAD | (BASED ON TABLE R602.4(4) WIND ZONE AND EXPOSURE) | | |
| GROUND SNOW LOAD, Pg | 20 (PSF) | | |
- I-JOIST SYSTEMS DESIGNED WITH 12 PSF DEAD LOAD AND DEFLECTION (IN) OF L/400
 - FLOOR TRUSS SYSTEMS DESIGNED WITH 8 PSF DEAD LOAD
- FOR 15 AND 20 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION R602.6 OF THE NRC, 2018 EDITION, FOR 150 MPH, 140 MPH, AND 130 MPH WIND ZONES, FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 4504 OF THE NRC, 2018 EDITION.
 - ENERGY EFFICIENCY COMPLIANCE AND INSULATION VALUES OF THE BUILDING TO BE IN ACCORDANCE WITH CHAPTER 1 OF THE NRC, 2018 EDITION.

FOOTING AND FOUNDATION NOTES

- FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 3000 PSF. CONTACT GEOTECHNICAL ENGINEER IF BEARING CAPACITY IS NOT ACHIEVED.
- FOR ALL CONCRETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DEPTHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK BASE COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL MIXTURE SOILS CLASSIFIED AS GROUP 1, ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R602.5 OF THE NRC, 2018 EDITION.
- PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE SLAB IS AT OR BELOW WATER TABLE. IF APPLICABLE 3/4" - 1" DEEP CONTROL JOINTS ARE TO BE SALED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED. JOISTS WHERE NECESSARY.
- CONCRETE SHALL CONFORM TO SECTION R602.5 OF THE NRC, 2018 EDITION. CONCRETE REINFORCING STEEL TO BE ASTM A63 GRADE 60, WELDED WIRE FABRIC TO BE ASTM A95. MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 1 1/2" IN SLABS. FOR POURED CONCRETE WALLS, CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE INSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 3/4". CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 1 1/2" FOR #5 BARS OR #3 WALLER, AND NOT LESS THAN 1" FOR #6 BARS OR LARGER.
- MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/11MS 402. MORTAR SHALL CONFORM TO ASTM C270.
- THE UNSUPPORTED HEIGHT OF MASONRY PIERS SHALL NOT EXCEED FOUR TIMES THEIR LEAST DIMENSION FOR UNFILLED HOLLOW CONCRETE MASONRY UNITS AND TEN TIMES THEIR LEAST DIMENSION FOR SOLID OR SOLID FILLED PIERS. PIERS MAY BE FILLED SOLID WITH CONCRETE OR TYPE II OR S MORTAR. PIERS AND WALLS SHALL BE CAPPED WITH #1 OF SOLID MASONRY.
- THE CENTER OF EACH OF THE PIERS SHALL BEAR IN THE MIDDLE THIRD OF ITS RESPECTIVE FOOTING. EACH GIRDER SHALL BEAR IN THE MIDDLE THIRD OF THE PIERS.
- ALL CONCRETE AND MASONRY FOUNDATION WALLS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE PROVISIONS OF SECTION R604 OF THE NRC, 2018 EDITION, OR IN ACCORDANCE WITH ACE 318, ACE 335, NCHA 1988-4 OR ACE 530/ASCE 5/11MS 402. MASONRY FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R604.1(1), R604.1(2), R604.1(3), OR R604.1(4) OF THE NRC, 2018 EDITION. CONCRETE FOUNDATION WALLS ARE TO BE REINFORCED PER TABLE R604.1(5) OF THE NRC, 2018 EDITION. STEEL CONCRETE FOUNDATION WALLS TO 2 x 6 FRAMED WALLS AT 16' OC, WHERE GRADE PERMITS (UNO).

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FRAMING NOTES

- ALL FRAMING LUMBER SHALL BE #2 SFF MINIMUM (Fb = 875 PSI, Fv = 375 PSI, E = 1600000 PSI) UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE #2 SFF MINIMUM (Fb = 975 PSI, Fv = 475 PSI, E = 1600000 PSI) UNLESS NOTED OTHERWISE (UNO).
- LAMINATED VENEER LUMBER (LVL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 2600 PSI, Fv = 285 PSI, E = 1900000 PSI. LAMINATED STRAND LUMBER (LSL) SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fb = 2325 PSI, Fv = 310 PSI, E = 1900000 PSI. PARALLEL STRAND LUMBER (PSL) UP TO 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2600 PSI, E = 1900000 PSI. PARALLEL STRAND LUMBER (PSL) MORE THAN 1" DEPTH SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES: Fc = 2300 PSI, E = 1900000 PSI. INSTALL ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM SPECIFICATIONS:
 - A. W AND WT SHAPES: ASTM A992
 - B. CHANNELS AND ANGLES: ASTM A36
 - C. PLATES AND BARS: ASTM A36
 - D. HOLLOW STRUCTURAL SECTIONS: ASTM A500 GRADE B
 - E. STEEL PIPE: ASTM A53, GRADE B, TYPE E OR S
- STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH (UNO). PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED AT THE BOTTOM FLANGE TO EACH SUPPORT AS FOLLOWS (UNO):
 - A. WOOD FRAMING (2) 1/2" DIA. x 4" LONG LAG SCREWS
 - B. CONCRETE (2) 1/2" DIA. x 4" WEDGE ANCHORS
 - C. MASONRY (FULLY GROUTED) (2) 1/2" DIA. x 4" LONG SIMPSON TITEN HD ANCHORS
 LATERAL SUPPORT IS CONSIDERED ADEQUATE PROVIDING THE JOISTS ARE TOE NAILED TO THE 2x NAILER ON TOP OF THE STEEL BEAM AND THE 2x NAILER IS SECURED TO THE TOP OF THE STEEL BEAM w/ (2) ROWS OF SELF TAPPING SCREWS # 16' OC, OR (2) ROWS OF 1/2" DIAMETER BOLTS # 16' OC. F 1/2" BOLTS ARE USED TO FASTEN THE NAILER. THE STEEL BEAM SHALL BE FABRICATED w/ (2) ROWS OF 9/16" DIAMETER HOLES # 16' OC.
- SQUARES DENOTE POINT LOADS WHICH REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION. SHADED SQUARES DENOTE POINT LOADS FROM ABOVE WHICH REQUIRE SOLID BLOCKING TO SUPPORTING MEMBER BELOW.
- ALL LOAD BEARING HEADERS TO CONFORM TO TABLE R602.1(1) AND R602.1(2) OF THE NRC, 2018 EDITION, OR BE (2) 2 x 6 WITH (1) JACK AND (1) KNE STUD EACH END (UNO). WHICHEVER IS GREATER, ALL HEADERS TO BE SECURED TO EACH JACK STUD WITH (4) 8d NAILS. ALL BEAMS TO BE SUPPORTED WITH (2) STUDS AT EACH BEARING POINT (UNO). INSTALL KING STUDS PER SECTION R602.3 OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION.
- ALL BEAM'S HEADERS OR GIRDER TRUSSES PARALLEL TO WALL ARE TO BEAR FULLY ON (1) JACK OR (2) STUDS MINIMUM OR THE NUMBER OF JACKS OR STUDS NOTED. ALL BEAM'S OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY (3) STUDS OR LESS ARE TO HAVE 1 1/2" MINIMUM BEARING (UNO). ALL BEAM'S OR GIRDER TRUSSES PERPENDICULAR TO WALL AND SUPPORTED BY MORE THAN (3) STUDS OR OTHER NOTED COLUMN ARE TO BEAR FULLY ON SUPPORT COLUMN FOR ENTIRE WALL DEPTH (UNO). BEAM ENDS THAT BUTT INTO ONE ANOTHER ARE TO EACH BEAR EQUAL LENGTHS (UNO).
- FLITCH BEAMS SHALL BE BOLTED TOGETHER USING 1/2" DIAMETER BOLTS (ASTM A307) WITH WASHERS PLACED AT THREADED END OF BOLT. BOLTS SHALL BE BRACED AT 24" CENTERS (MAXIMUM) AND STAGGERED AT TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE) WITH (2) BOLTS LOCATED AT 6" FROM EACH END (UNO).
- ALL I-JOIST OR TRUSS LAYOUTS ARE TO BE IN COMPLIANCE WITH THE OVERALL DESIGN SPECIFIED ON THE PLANS. ALL DEVIATIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO THE NORTH CAROLINA RESIDENTIAL CODE 2018 EDITION WALL BRACING CRITERIA. THE AMOUNT, LENGTH, AND LOCATION OF BRACINGS SHALL COMPLY WITH ALL APPLICABLE TABLES IN SECTION R602.8.
- PROVIDE DOUBLE JOIST UNDER ALL WALLS PARALLEL TO FLOOR JOISTS. PROVIDE SUPPORT UNDER ALL WALLS PARALLEL TO FLOOR TRUSSES OR I-JOISTS PER MANUFACTURER'S SPECIFICATIONS. INSTALL BLOCKING BETWEEN JOISTS OR TRUSSES FOR POINT LOAD SUPPORT FOR ALL POINT LOADS ALONG OFFSET LOAD LINE.
- FOR ALL HEADERS SUPPORTING BRICK VENEER THAT ARE LESS THAN 8'-0" IN LENGTH REST A 6" x 4" x 5/8" STEEL ANGLE WITH 6" MINIMUM OVERHANG AT SIDES FOR BRICK SUPPORT (UNO). FOR ALL HEADERS 8'-0" AND GREATER IN LENGTH, BOLT A 6" x 4" x 5/8" STEEL ANGLE TO HEADERS WITH 1/2" LAG SCREWS AT 2' OC, STAGGERED FOR BRICK SUPPORT. FOR ALL BRICK SUPPORT AT ROOF LINES, BOLT A 6" x 4" x 5/8" STEEL ANGLE TO (2) 2 x 10 BLOCKING INSTALLED w/ (4) 16d NAILS EA. PL. BETWEEN WALL STUDS WITH (2) ROWS OF 1/2" LAG SCREWS AT 2' OC, STAGGERED AND IN ACCORDANCE WITH SECTION R702.8.2 OF THE NRC, 2018 EDITION.
- FOR STICK FRAMED ROOFS, CIRCLES DENOTE (3) 2 x 4 POSTS FOR ROOF MEMBER SUPPORT. HIP SPLICES ARE TO BE SPACED A MINIMUM OF 8'-0". FASTEN MEMBERS WITH THREE ROWS OF 16d NAILS AT 16' OC. FRAME DORMER WALLS ON TOP OF DOUBLE OR TRIPLE RAFTERS AS SHOWN (UNO).
- FOR TRUSSED ROOFS, FRAME DORMER WALLS ON TOP OF 2 x 4 LADDER FRAMING AT 24" OC. BETWEEN ADJACENT ROOF TRUSSES. STICK FRAME OVER-FRAMED ROOF SECTIONS WITH 2 x 8 RIDGES, 2 x 6 RAFTERS AT 16' OC, AND PLAT 2 x 10 VALLEYS (UNO).
- ALL 4 x 4 AND 6 x 6 POSTS TO BE INSTALLED WITH 200 LB CAPACITY UPLIFT CONNECTORS TOP AND BOTTOM (UNO). POSTS MAY BE SECURED USING ONE SIMPSON H6 OR L192 UPLIFT CONNECTOR FASTENED TO THE BAND AT THE BOTTOM AND THE BEAM AT THE TOP OF EACH POST. ONE 16" SECTION OF SIMPSON C586 COLL STRAPPING WITH (8) 8d HDG NAILS AT EACH END MAY BE USED IN LIEU OF EACH TIGHT STRAP IF DESIRED. FOR MASONRY OR CONCRETE FOUNDATION USE SIMPSON POST BASE.



120 MPH - 130 MPH ULTIMATE DESIGN WIND SPEED
STANDARD STRUCTURAL NOTES

DATE: NOVEMBER 14, 2018
SCALE: 1/8" = 1'-0"
DRAWN BY: JES
ENGINEERED BY: JST

S-O
STRUCTURAL
NOTES

11/2/2021