Permit # 8326 #6664B

MECKLENBURG COUNTY
HEALTH DEPARTMENT

22 JUN '16 AM 11:04

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM / WATER SUPPLY WELL

APPLICATION TYPE: ○ SEPTIC ONLY ○ WELL ONLY ● SEPTIC & WELL
○ ADDITION OR RENOVATION WITH OCCUPANCY INCREASE ○ EXCHANGE MOBILE HOME (SAME # BEDROOMS)
● ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE ○ COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: TRAVIS CARPENTER
ADDRESS: 127 E PROMENADE DR
CITY: MOORESVILLE
STATE: NC ZIP: 28117
PHONE: 704-806-7522
ALTERNATE PHONE:
E-MAIL: TCARPENTER@WACCONTRACTING.COM

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: MATT BARRINGTON
ADDRESS: 8515 GREY RD.
CITY: DAVIDSON
STATE: NC ZIP: 28036
PHONE:
ALTERNATE PHONE:
E-MAIL:

JOB LOCATION INFORMATION
TAX PARCEL #: 00303117
STREET ADDRESS: 8515 GREY RD.
CITY: MOORESVILLE
STATE: NC ZIP: 28036

SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:

WATER SUPPLY:
○ MUNICIPAL ● PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER

RESIDENTIAL PROPERTY TYPE: ○ N/A
● HOUSE ○ MODULAR HOME ○ MULTIPLE FAMILY
○ SINGLE MOBILE HOME ○ DOUBLE WIDE
○ OTHER

OCCUPANCY (both fields are required):
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 2

COMMERCIAL / INDUSTRIAL PROPERTY TYPE: ■ N/A
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS:
INDUSTRIAL WASTES? ○ YES ○ NO
UNDERGROUND STORAGE TANKS? ○ YES ○ NO

ADDITION/RENOVATION TYPE ATTACHED TO EXISTING STRUCTURE:
■ BEDROOM ■ BATHROOM ■ KITCHEN ■ DINING ROOM ■ LIVING ROOM ■ DEN
■ GARAGE ■ SUNROOM ■ PORCH ■ DECK ■ OTHER EVERYTHING

ADDITION/RENOVATION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature 6/21/16 Date

A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

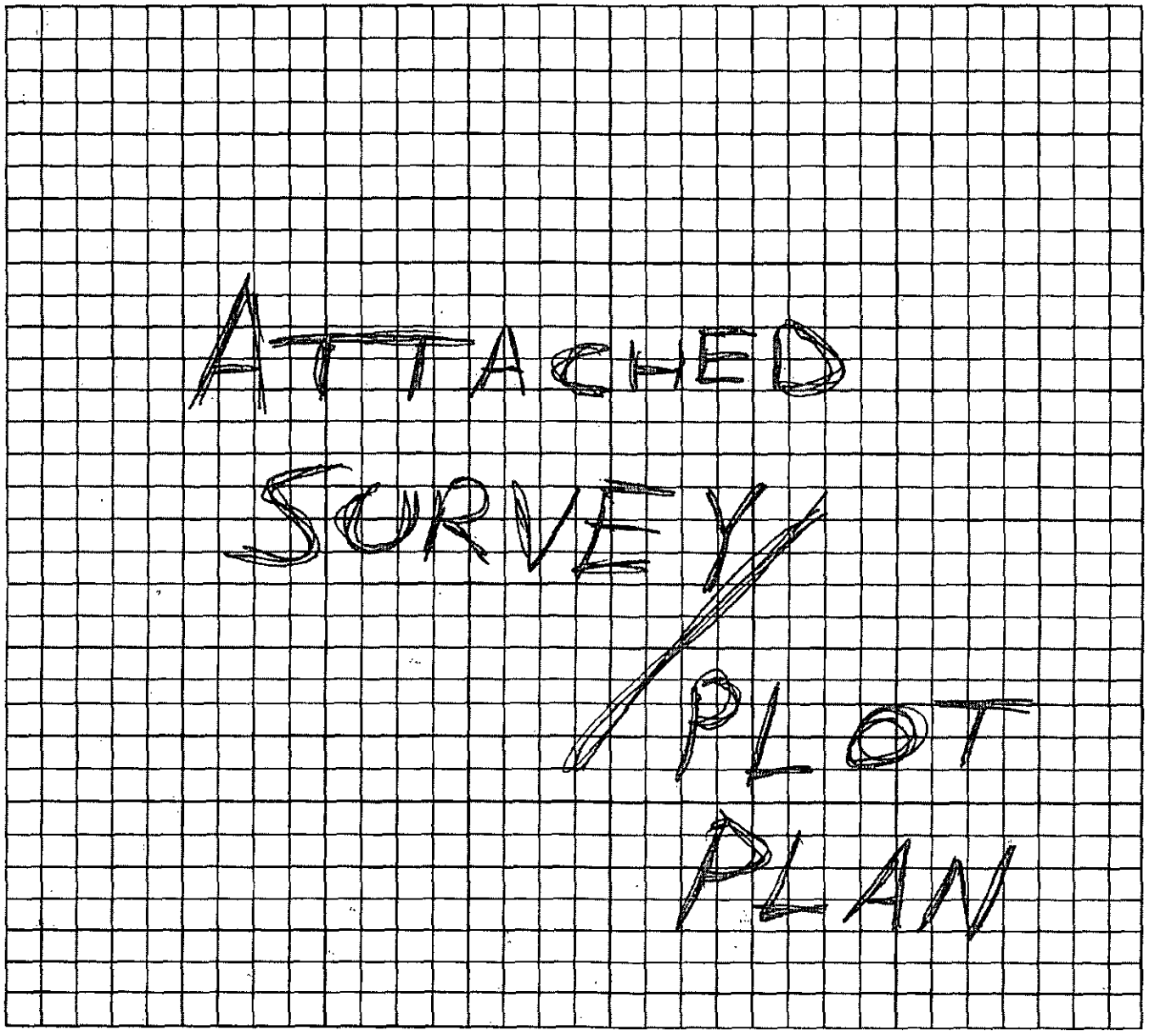
Revised on: 01/03/11

X-44974

File #: _____

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or right-of-ways, proposed building pad(s) or existing building footprint(s), all appurtenances (garage, driveway, deck, pool, etc.), location of existing or proposed well(s), location of existing or proposed sewer lines and sewage disposal systems, surface water bodies, and any aboveground or underground storage tanks. Provide names for all roads that adjoin the property.

Street Address: 2515 GREY RD. DAVIDSON Tax Parcel #: _____



*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the "Job Location" contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment, and Disposal and Water Supply Wells in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted by this Department.
- This permit is not transferable.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

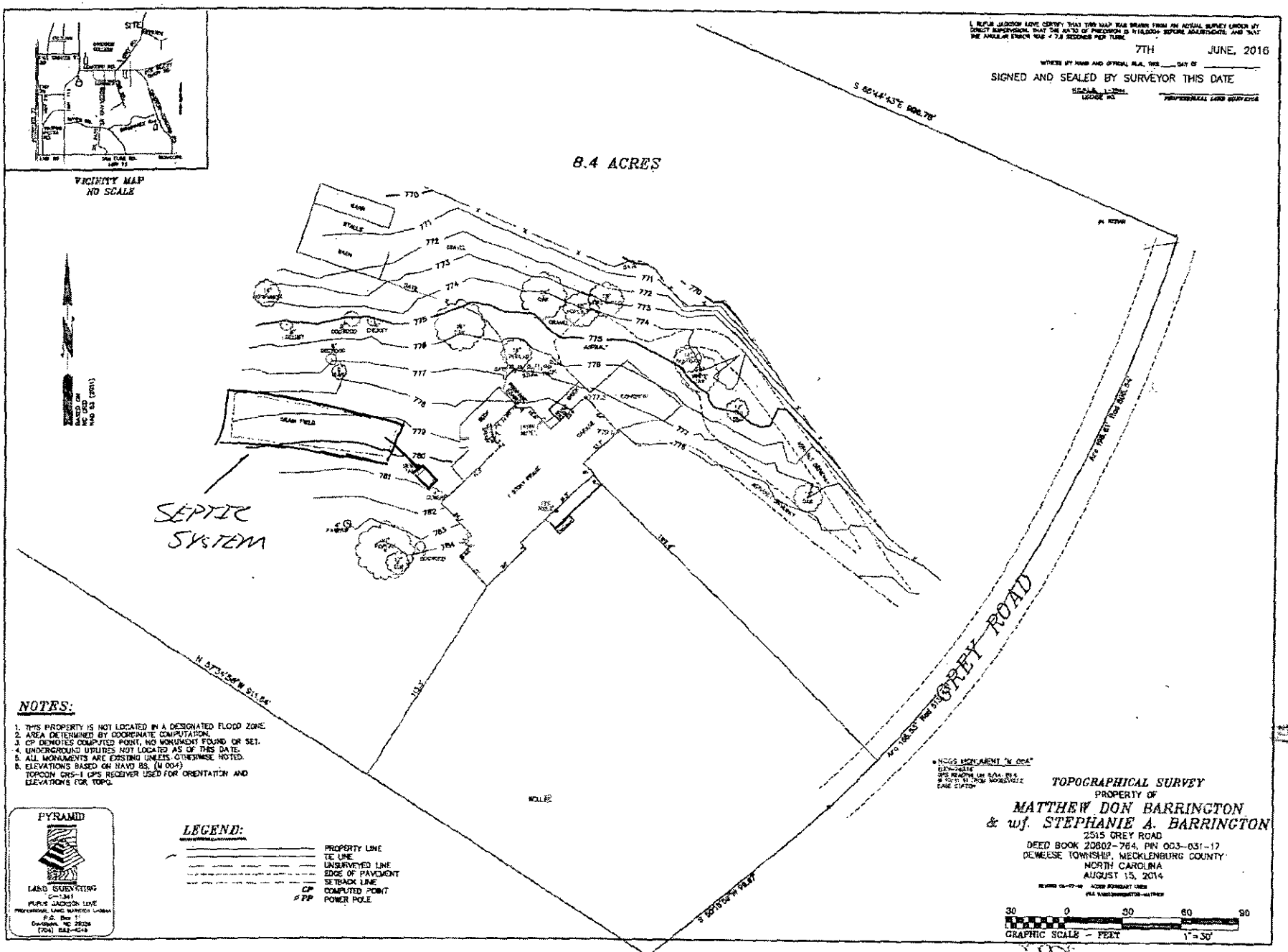
O.K. TO USES TO Tear Down Existing House and rebuild a new 4 Bedroom House

REHS Signature _____ Date 6/24/11

Tony Mule REHS

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST. SUITE 211 CHARLOTTE, NC 28202, OFFICE: 704-336-5103, FAX: 704-336-6894

Revised on: 01/03/11


SITE
VICINITY MAP
NO SCALE
I, RUFUS JACKSON LOVE, CERTIFY THAT THIS MAP WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY DIRECT SUPERVISION, THAT THE RATIO OF PRECISION IS 1:10,000+ BEFORE ADJUSTMENTS, AND THAT THE ANGULAR ERROR WAS ± 7.8 SECONDS PER TURN.
7TH JUNE, 2016
WITNESS MY HAND AND OFFICIAL SEAL, THIS ___ DAY OF ___
SIGNED AND SEALED BY SURVEYOR THIS DATE
SCALE 1:30m
LICENSE NO.
PROFESSIONAL LAND SURVEYOR
8.4 ACRES
S 60°44'43"E 606.78'
N 87°56'04" W 511.84'
S 60°56'04" W 247.87'
N 60°56'04" E 106.33'
GREY ROAD
SEPTIC SYSTEM
DRAIN FIELD
WELL
BASED ON NC GEO NAD 83 (2011)
NOTES:
1. THIS PROPERTY IS NOT LOCATED IN A DESIGNATED FLOOD ZONE.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. ALL MONUMENTS ARE EXISTING UNLESS OTHERWISE NOTED.
6. ELEVATIONS BASED ON NAVD 88, (M 004)
TOPCON GRS-1 GPS RECEIVER USED FOR ORIENTATION AND ELEVATIONS FOR TOPO.
PYRAMID
LAND SURVEYING
C-1341
RUFUS JACKSON LOVE
P.O. Box 11
Davidson, NC 28036
(704) 892-4249
LEGEND:
PROPERTY LINE
TIE LINE
UNSURVEYED LINE
EDGE OF PAVEMENT
SETBACK LINE
CP COMPUTED POINT
PP POWER POLE
TOPOGRAPHICAL SURVEY
PROPERTY OF
MATTHEW DON BARRINGTON
& wf. STEPHANIE A. BARRINGTON
2515 GREY ROAD
DEED BOOK 20602-764, PIN 003-031-17
DEWEESE TOWNSHIP, MECKLENBURG COUNTY
NORTH CAROLINA
AUGUST 15, 2014
30 0 30 60 90
GRAPHIC SCALE - FEET
1" = 30'



THE BARRINGTON FAMILY

2515 GREY ROAD, DAVIDSON, N.C.



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WAC Building Since 1980
CONTRACTING, INC.

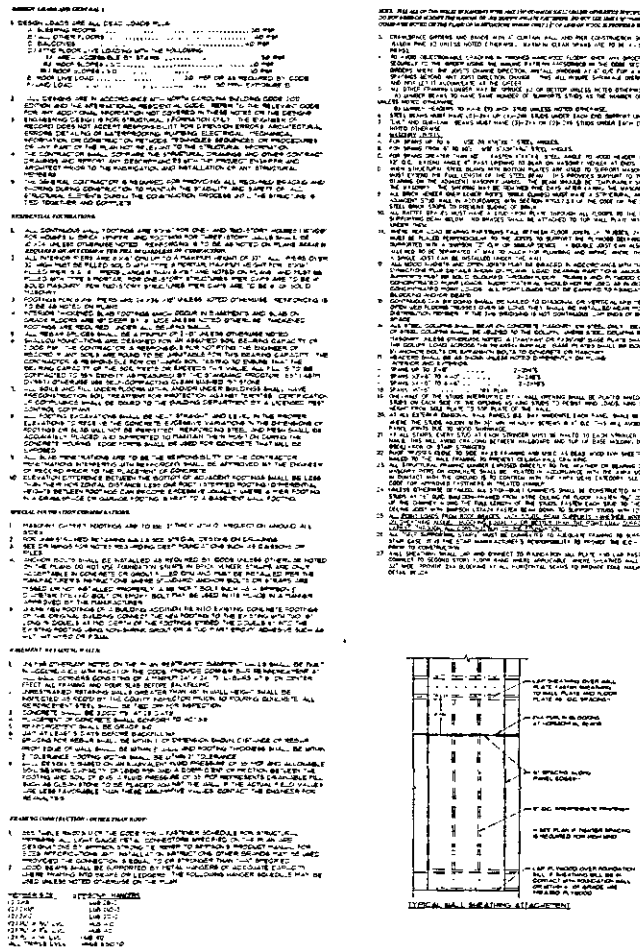
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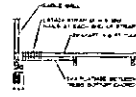
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WWW.ASHLEYJDESIGN.COM
704-858-0631

DRAWING INDEX

1	COVER	12	FRONT & RIGHT ELEVATIONS
2	GENERAL NOTES	13	LEFT & REAR ELEVATIONS
3	SITE PLAN (NOT INCLUDED)	14	HOUSE SECTIONS
4	DEMO FOUNDATION PLAN	D1	CONSTRUCTION DETAILS
5	NEW FOUNDATION PLAN	D2	CONSTRUCTION DETAILS
6	NOT USED	D3	CONSTRUCTION DETAILS
7	MAIN LEVEL DEMO PLAN		
8	NEW MAIN LEVEL FLOOR PLAN		
9	NOT USED		
10	UPPER LEVEL FLOOR PLAN		
11	ROOF PLAN		



TYPICAL WALL SHEATHING ATTACHMENT



GABLE WALL ATTACHMENT



RAFTER HOG DETAIL

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ENGINEER:

SCOTT PHILLIPS STRUCTURAL
DESIGN OF BARRINGTON
RENOVATION

PROJECT:

BARRINGTON
FAMILY
2515 GREAY ROAD
DAVIDSON, NC

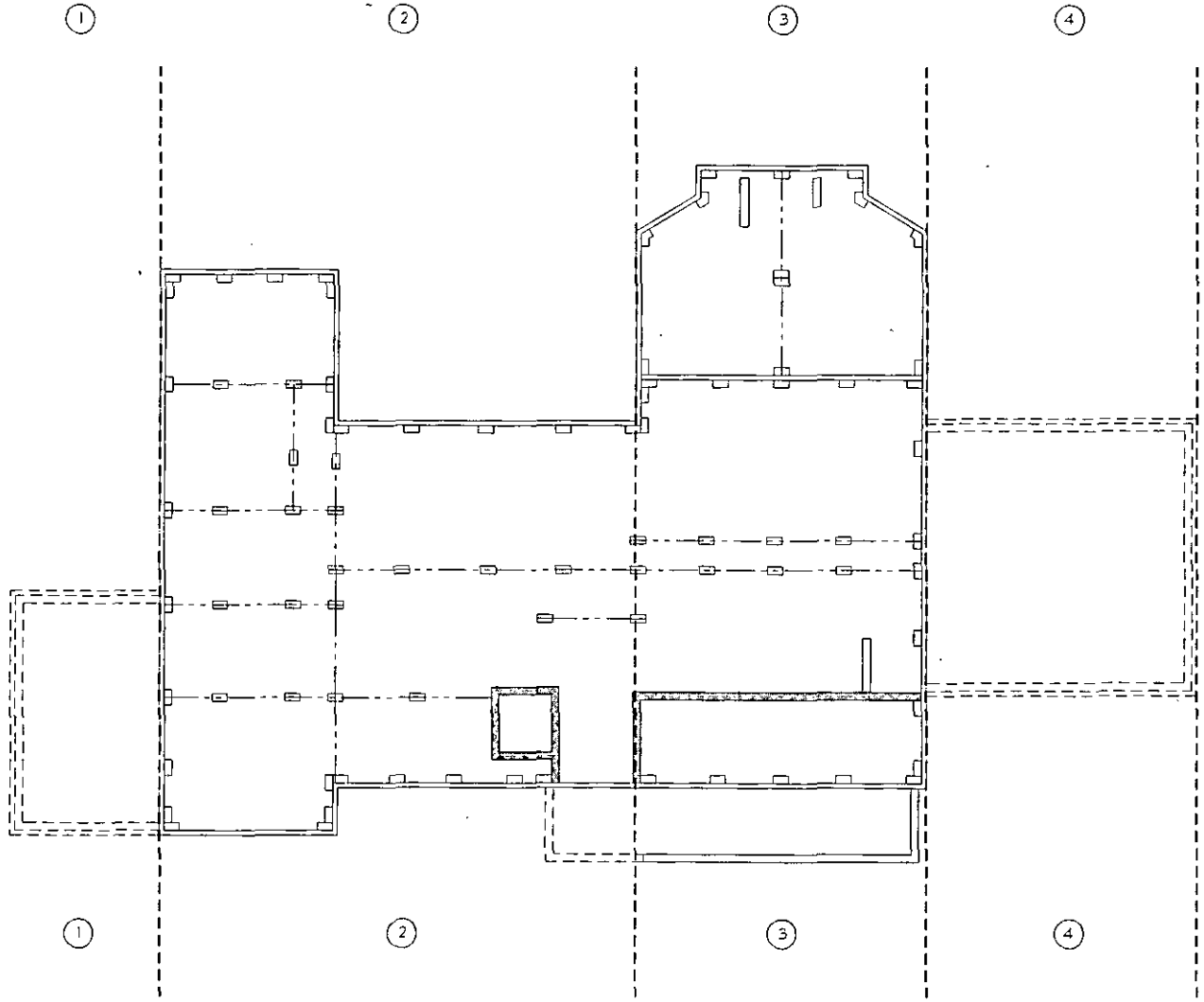
2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING
GENERAL NOTES

SCALE: N/A

PAGE:

2



DEMO NOTES

1. THIS AREA OF HOUSE TO BE COMPLETELY DEMOLISHED INCLUDING FOUNDATION
2. THIS AREA OF HOUSE TO BE DEMOLISHED DOWN TO SUBFLOOR
3. THIS SECTION OF HOUSE TO BE MAINTAINED AS ALLOWED WITH PROPOSED DESIGN
4. THIS AREA OF HOUSE TO BE COMPLETELY DEMOLISHED INCLUDING FOUNDATION

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ENGINEER:

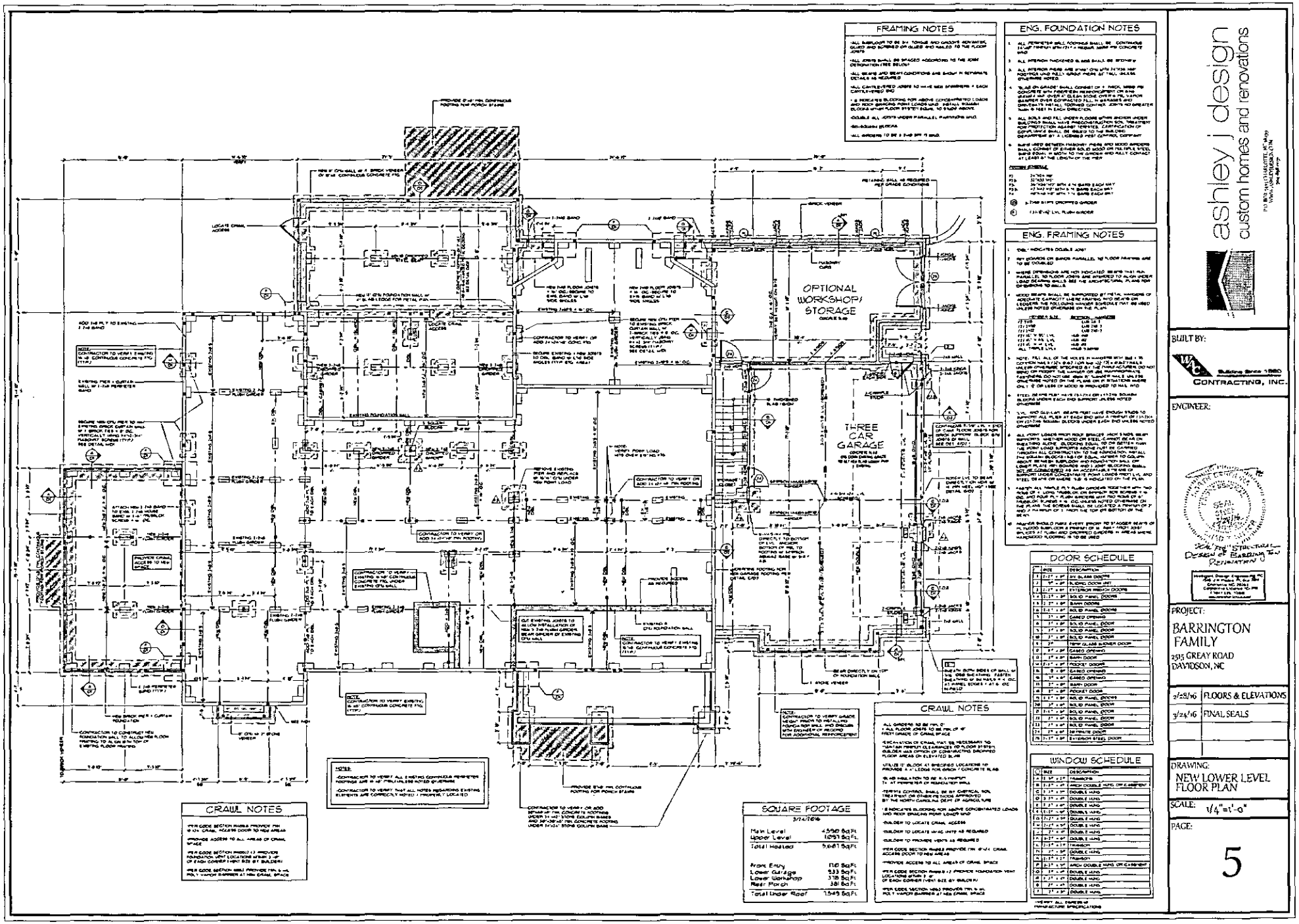
PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
DEMO FOUNDATION PLAN

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

PAGE:
4



FRAMING NOTES

ENG. FOUNDATION NOTES

ENG. FRAMING NOTES

DOOR SCHEDULE

#	SIZE	DESCRIPTION
1	2'-0" x 6'-8"	3/4 GLASS DOOR
2	2'-6" x 6'-8"	SOLID PANEL DOOR
3	2'-6" x 6'-8"	EXTERIOR FRENCH DOORS
4	2'-6" x 6'-8"	SOLID PANEL DOORS
5	2'-6" x 6'-8"	SOLID PANEL DOOR
6	3'-0" x 6'-8"	CASED OPENING
7	2'-6" x 6'-8"	SOLID PANEL DOOR
8	2'-6" x 6'-8"	SOLID PANEL DOOR
9	2'-6" x 6'-8"	SOLID PANEL DOOR
10	2'-6"	TEMP GLASS BARNER DOOR
11	3'-0" x 6'-8"	CASED OPENING
12	2'-6" x 6'-8"	BARN DOOR
13	2'-6" x 6'-8"	POCKET DOORS
14	3'-0" x 6'-8"	CASED OPENING
15	3'-0" x 6'-8"	CASED OPENING
16	2'-6" x 6'-8"	BARN DOOR
17	2'-6" x 6'-8"	POCKET DOOR
18	2'-6" x 6'-8"	SOLID PANEL DOORS
19	2'-6" x 6'-8"	SOLID PANEL DOOR
20	2'-6" x 6'-8"	SOLID PANEL DOOR
21	2'-6" x 6'-8"	SOLID PANEL DOOR
22	2'-6"	FRENCH DOORS
23	2'-6" x 6'-8"	SOLID PANEL DOOR
24	2'-6" x 6'-8"	EXTERIOR STEEL DOOR

WINDOW SCHEDULE

#	SIZE	DESCRIPTION
A	3'-0" x 5'-0"	TRANSOM
B	3'-0" x 5'-0"	ARCH DOUBLE HUNG OR CASEMENT
C	3'-0" x 5'-0"	DOUBLE HUNG
D	3'-0" x 5'-0"	DOUBLE HUNG
E	3'-0" x 5'-0"	DOUBLE HUNG
F	3'-0" x 5'-0"	DOUBLE HUNG
G	3'-0" x 5'-0"	DOUBLE HUNG
H	2'-6" x 5'-0"	DOUBLE HUNG
I	3'-0" x 5'-0"	DOUBLE HUNG
J	3'-0" x 5'-0"	TRANSOM
K	3'-0" x 5'-0"	DOUBLE HUNG
L	3'-0" x 5'-0"	DOUBLE HUNG
M	2'-6" x 5'-0"	DOUBLE HUNG
N	3'-0" x 5'-0"	DOUBLE HUNG
O	3'-0" x 5'-0"	TRANSOM
P	3'-0" x 5'-0"	ARCH DOUBLE HUNG OR CASEMENT
Q	3'-0" x 5'-0"	DOUBLE HUNG
R	3'-0" x 5'-0"	DOUBLE HUNG
S	3'-0" x 5'-0"	DOUBLE HUNG
T	3'-0" x 5'-0"	DOUBLE HUNG

CRAWL NOTES

CRAWL NOTES

SQUARE FOOTAGE

3/24/2016

Main Level	4590 SqFt
Upper Level	1291 SqFt
Total Heated	5881 SqFt
Front Entry	116 SqFt
Lower Garage	933 SqFt
Lower Workshop	378 SqFt
Rear Porch	381 SqFt
Total Under Roof	7349 SqFt

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ENGINEER:

PROJECT:

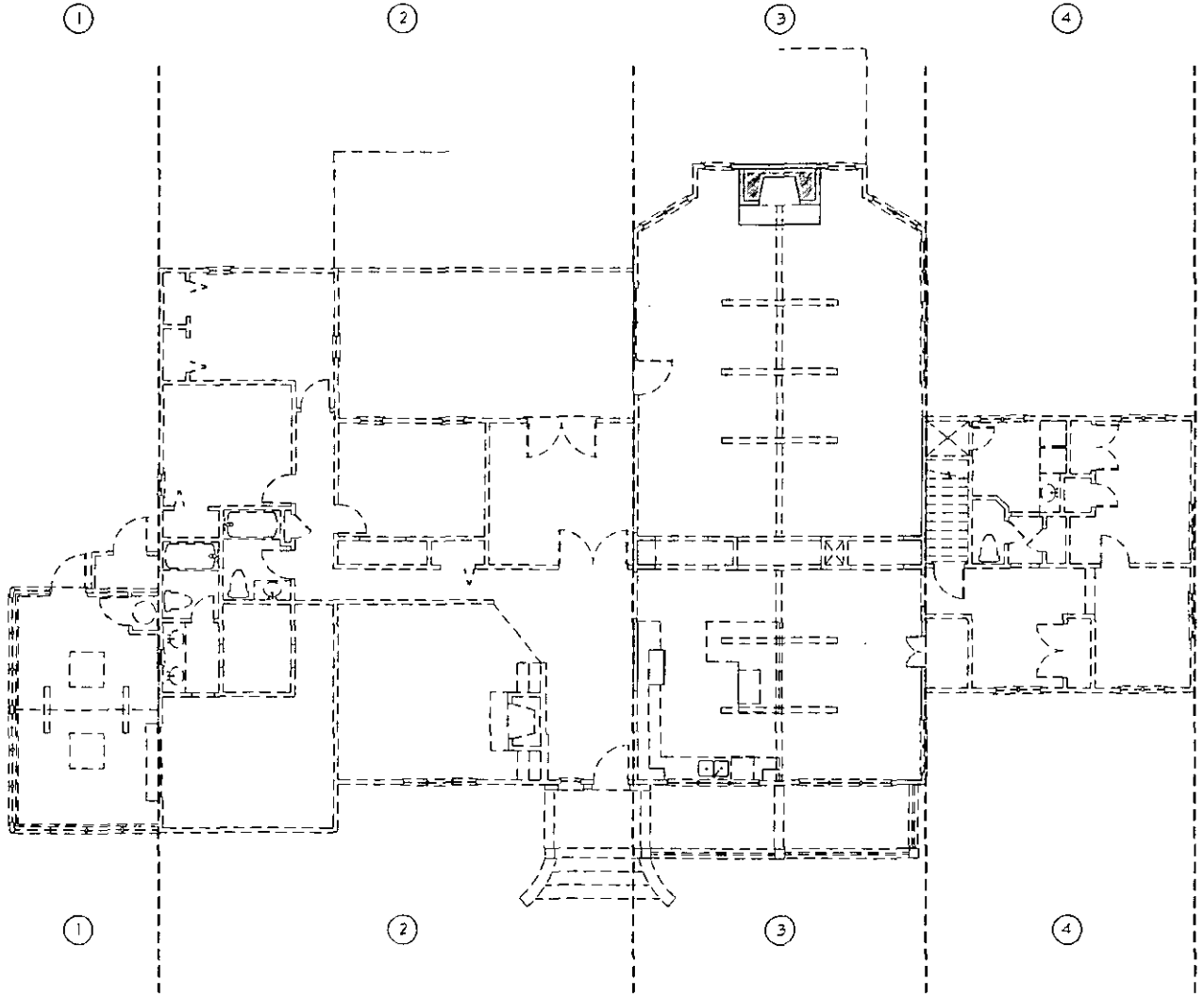
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/29/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
NEW LOWER LEVEL FLOOR PLAN

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

PAGE:
5



DEMO NOTES

1. THIS AREA OF WORK TO BE COMPLETELY DEMOLISHED INCLUDING FOUNDATION
2. THIS AREA OF WORK TO BE DEMOLISHED DOWN TO SUBFLOOR
3. THIS SECTION OF WORK TO BE DEMOLISHED AS ALLOWED WITH PROPOSED DESIGN
4. THIS AREA OF WORK TO BE COMPLETELY DEMOLISHED INCLUDING FOUNDATION

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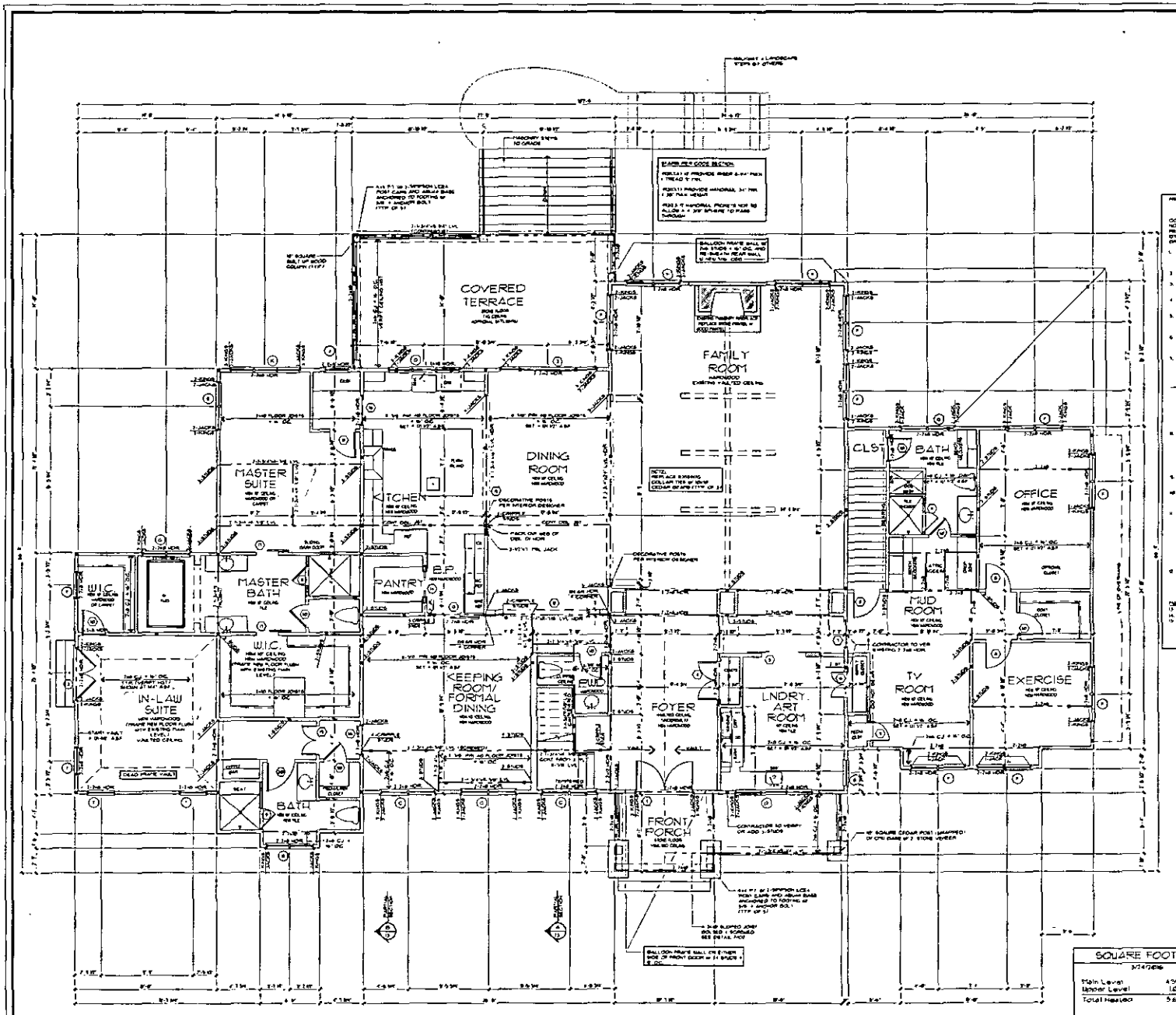
PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/25/16	FLOORS & ELEVATIONS
3/24/16	FINAL STATS

DRAWING:
MAIN LEVEL DEMO PLAN

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

PAGE:
7



MAIN FLOOR NOTES

ALL WALLS ARE 2" X 4" U.N.O.

"B" INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING. SEE LOADS U.N.O.

SEE FRAMING NOTE "A" ON GENERAL NOTES FOR WALLS OVER 9'-0" U.N.O. AS NOTED ON PLAN.

ALL DRAWINGS ARE 2" FROM WALL UNLESS DIMENSIONED OTHERWISE.

1" OR 1 1/2" TO FACE OF 4" MASONRY WALL.

DOUBLED RAFTERS 2-PLY LVL'S TOGETHER W/ 2" ROWS OF 2 1/2" LONG THROUGH SCREWS @ 12" O.C.

EXTERIOR WALL HEIGHT (H)	STUD SIZE & SPACING
H = 9'-0"	2"x 6" @ 16" O.C.
9'-0" < H ≤ 10'-0"	2"x 6" @ 12" O.C.
10'-0" < H ≤ 12'-0"	2"x 6" @ 8" O.C.
H > 12'-0"	GENERAL ENG.

GARAGE WALL TO BE 2"x 6" @ 16" O.C. W/ EXCEPTIONS OF 9' HEIGHT

FRAMING CONSTRUCTION NOTES

SELECT AND NO. 2 SPF

1. ALL FLOOR JOISTS HAVE BEEN ANALYZED FOR A LATERAL LOADING LOAD. CONSTRUCTION OF THESE JOISTS SHALL BE AS INDICATED IN THE GENERAL NOTES AND THE SPACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF THE CODE. IT HAS BEEN ANALYZED BY ENGINEERING AND INCORPORATING ENGINEERED LATERAL BRACING SUPPORTS THAT ARE NECESSARY TO MEET THE INTENT OF THE CODE.
2. I-JOISTS ARE DESIGNED TO BE CONTINUOUS IN NOTE AREAS. I-JOIST MANUFACTURER TO STOP AND START JOISTS WHERE SHOWN ON PLAN TO ALLOW FOR CONTINUOUS ACTION.
3. "DBL" INDICATES DOUBLE JOIST
4. RIM BOARDS AND BANDS PARALLEL TO FLOOR FRAMING TO BE DOUBLED
5. ALL LOAD - BEARING HEADERS SHALL BE (2)2"X8" SPF'S UNLESS OTHERWISE NOTED ON THE PLAN.
6. WHERE DIMENSIONS ARE NOT INDICATED BEARING WALLS RUN PARALLEL TO FLOOR JOISTS ARE INTENDED TO ALLOW UNDER LOAD BEARING WALLS SEE THE ARCHITECTURAL PLAN FOR DIMENSIONS TO WALLS
7. ALL WALLS UP TO 9'-1" TALL SHALL BE 2"X6" SPF'S @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. TALLER WALLS SHALL COMPLY WITH TABLE R602.3 (1) OR (2) OR AS NOTED ON THE PLAN.
8. WOOD BEAMS SHALL BE SUPPORTED BY TOTAL NUMBERS OF JOISTS/STUDS CAPACITY WHERE FRAMING AND BEAMS OR J-STUDS. THE FOLLOWING HANGER SCHEDULE THAT ARE USED UNLESS NOTED OTHERWISE ON THE PLAN.

BEAM SIZE	JOIST HANGER
(2) 2"x6"	LUS 26-2
(2) 2"x8"	LUS 28-2
(2) 2"x10"	LUS 210-2
(2) 2"x12"	LUS 212-2
(2) 1 3/4"x 9 1/2" LVL	LUS 29
(2) 1 3/4"x 11 7/8" LVL	LUS 211
(2) 1 3/4"x 14" LVL	LUS 214
TRIPLE 1 3/4" LVL	HUS 414-3 MAX

9. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH SIMILLY SIZED COMMON NAILS (.131"X3") PER TABLE 2(1) OR (2) U.N.O. UNLESS OTHERWISE NOTED ON PLAN. DO NOT USE SMALLER DIAMETER NAILS IN HANGERS OR USE IMPROPERLY FASTENED. DO NOT USE NAILS IN HANGERS WHERE NOTED ON PLAN. USE SCREWS OR BOLTS WHERE SPECIFIED. SCREWS AND BOLTS SHALL BE ONLY 1/2" OR LESS OF WOOD "B" PROVIDED TO HAS.
10. STEEL BEAMS THAT HAVE (2)2"X6" OR (2)2"X8" STUDS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE
11. ALL POINT LOADS FROM ABOVE ARRIVES JACK STUDS BEAM SUPPORTS MAY BE WOOD OR STEEL, CANNOT BEAR ON SHEATHING ALONE, BUILDING DRAWL TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE THAT WE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. PER ALL THE POINT LOADS SHALL BE NUMBER TO SOLIDLY BEAR ANOTHER SUPPLIER AND FOUNDATION WALL OR LOWER FLOOR. ANY DISCREPANCY IN THE POINT LOADING SHALL NOT BE ADDRESSED AS AN ACCEPTABLE TREATISE OF SUPPORT UNDER CONCENTRATED LOADS. LVL AND STEEL BEAMS ARE SHOWN SIZE AS INDICATED ON THE PLAN.
12. FASTEN ALL TRIPLE PLY LVL'S TOGETHER WITH TWO ROWS OF 3" LONG NAILING OR SIMPSON SDS SCREWS @ 12" O.C. STAGGERED. FASTEN ALL DOUBLE PLY LVL'S WITH TWO ROWS OF 3" LONG NAILING OR SIMPSON SCREWS @ 12" O.C. UNLESS NOTED OTHERWISE ON PLAN OR WITH SIMPSON SCREWS @ 8" O.C. LOCATED A MINIMUM OF 2" AND A MAXIMUM OF 3" FROM THE TOP OR BOTTOM OF THE BEAM.

CANTILEVER LOCALS

13. TOW SPANS UP TO 5'-11" USE LSTI49 STEEL LINTEL
14. TOW SPANS UP TO 8'-11" USE LSTI412 STEEL LINTEL
15. TOW SPANS UP TO 11'-11" USE LSTI414 STEEL LINTEL
16. SEE SIMPSON CATALOG FOR LARGER TOW SPANS OR PLANAR FASTENER
17. 4 INCH STEEL ANGLE TO WOOD HEADER WITH (10)1 1/4" LAG SCREWS @ 8" O.C. EVENLY ALL ANGLES & 1" MAX OPENING TO BEAM ON MASONRY VENEER AT EACH

DOOR SCHEDULE

#	SIZE	DESCRIPTION
1	3'-0" x 8'-0"	3/4 GLASS DOORS
2	3'-0" x 8'-0"	SLIDING DOOR UNIT
3	3'-0" x 8'-0"	EXTERIOR FRENCH DOORS
4	3'-0" x 8'-0"	SOLID PANEL DOORS
5	2'-6" x 8'-0"	BARN DOORS
6	2'-6" x 8'-0"	SOLID PANEL DOORS
7	2'-0" x 8'-0"	CASED OPENING
8	2'-6" x 8'-0"	SOLID PANEL DOOR
9	2'-6" x 8'-0"	SOLID PANEL DOOR
10	2'-6" x 8'-0"	SOLID PANEL DOOR
11	2'-6" x 8'-0"	CENTER GLASS SHOWER DOOR
12	2'-6" x 8'-0"	CASED OPENING
13	2'-6" x 8'-0"	BARN DOOR
14	2'-6" x 8'-0"	POCKET DOORS
15	2'-6" x 8'-0"	CASED OPENING
16	2'-6" x 8'-0"	CASED OPENING
17	2'-6" x 8'-0"	BARN DOOR
18	2'-6" x 8'-0"	POCKET DOORS
19	2'-6" x 8'-0"	SOLID PANEL DOORS
20	3'-0" x 8'-0"	SOLID PANEL DOOR
21	2'-6" x 8'-0"	SOLID PANEL DOOR
22	2'-6" x 8'-0"	SOLID PANEL DOOR
23	2'-6" x 8'-0"	SOLID PANEL DOOR
24	2'-6" x 8'-0"	7/8 FRENTE DOOR
25	3'-0" x 8'-0"	EXTERIOR STEEL DOOR

WINDOW SCHEDULE

#	SIZE	DESCRIPTION
A	2'-0" x 2'-0"	TRANSOM
B	2'-0" x 4'-0"	4 PICH DOUBLE HUNG OR CASEMENT
C	3'-0" x 4'-0"	DOUBLE HUNG
D	3'-0" x 5'-0"	DOUBLE HUNG
E	3'-0" x 6'-0"	DOUBLE HUNG
F	3'-0" x 6'-0"	DOUBLE HUNG
G	2'-0" x 6'-0"	DOUBLE HUNG
H	2'-0" x 6'-0"	DOUBLE HUNG
I	2'-0" x 4'-0"	TRANSOM
J	2'-6" x 4'-0"	DOUBLE HUNG
K	3'-0" x 4'-0"	DOUBLE HUNG
L	3'-0" x 5'-0"	DOUBLE HUNG
M	3'-0" x 6'-0"	DOUBLE HUNG
N	2'-0" x 2'-0"	TRANSOM
O	2'-0" x 4'-0"	4 PICH DOUBLE HUNG OR CASEMENT
P	3'-0" x 4'-0"	DOUBLE HUNG
Q	3'-0" x 5'-0"	DOUBLE HUNG
R	3'-0" x 6'-0"	DOUBLE HUNG
S	3'-0" x 6'-0"	DOUBLE HUNG
T	2'-0" x 6'-0"	DOUBLE HUNG

SQUARE FOOTAGE

3/24/2016

Main Level	4,960 SqFt
Upper Level	1,081 SqFt
Total Heated	5,881 SqFt
Front Entry	110 SqFt
Lower Garage	933 SqFt
Lower Loanings	316 SqFt
Rear Porch	384 SqFt
Total Under Roof	7,545 SqFt

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ENGINEER.

SEAL
SEAL 024116
STRUCTURAL
DESIGN OF BUILDING RENOVATION
JOHN T. FLETCHER

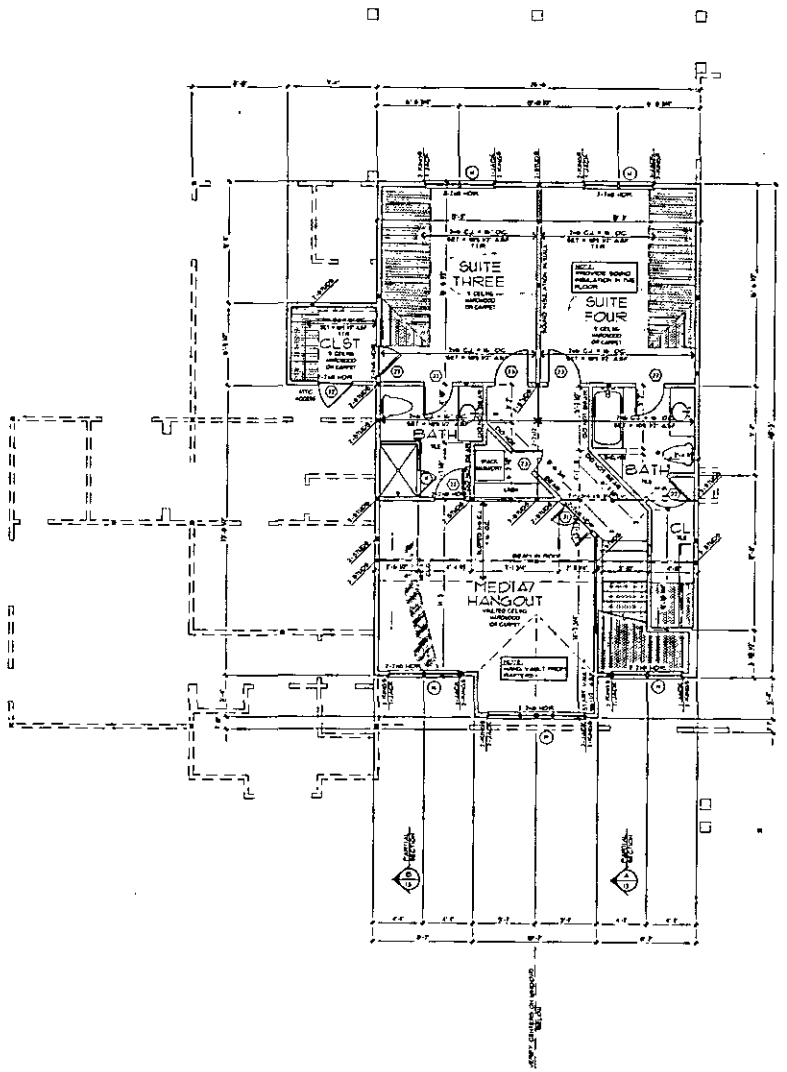
PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
MAIN LEVEL FLOOR PLAN

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

PAGE:
8



UPPER FLOOR NOTES

ALL ANGLED WALLS ARE 45 UNO.

INDICATES BLOCKING FOR ABOVE CONCENTRATED LOADS AND ROOF BRACING POINT LOADS UNO.

SEE FRAMING NOTE 16 ON GENERAL NOTES FOR HEADER SIZES UNLESS NOTED ON PLAN

ALL DOORS ARE 6" FROM WALL UNLESS OTHERWISE DIMENSIONED

HEAT/AIR/REFRIGERANT ALL ROOMS INTO ATTIC SPACE

PROVIDE MINIMUM 22"x36" ATTIC ACCESS TO ALL AREAS THAT EXCEED 30 SQ FT AND A VERTICAL HEIGHT GREATER THAN 30"

BUILDER TO LOCATE PULL DOWN STAIR LOCATION

FTA-1000 TO RAFTERS @ 4-16d NAILS

SOLITEX FASTEN 3 (PLY 1, PLY 2 TOGETHER AT 2 ROWS OF 2" LONG THROUGH SCREWS + 8" O.C.

EXTERIOR WALL HEIGHT (H)	STUD SIZE / SPACING
H ≤ 10'	2x4 @ 16" OC
10' < H ≤ 12'	2x4 @ 12" OC
12' < H ≤ 16'	2x6 @ 16" OC
H > 16'	CONSULT ENG.

ENG. FRAMING NOTES

BRACED WALL LINE NOTE:
THIS STRUCTURE HAS BEEN ANALYZED FOR LATERAL LOADING USING CONTINUOUSLY SHEATHED WALL SHEATHING AS NOTED IN THE GENERAL NOTES WHERE BRACED WALLS DO NOT MEET THE PRESCRIPTIVE REQUIREMENTS OF SECTION R602.10 OF THE 2009 IRC IT HAS BEEN ANALYZED BY ENGINEERING ANALYSIS / INCORPORATING ENGINEERED LATERAL BRACING ELEMENTS WHERE NEEDED TO MEET THE INTENT OF THE CODE

1. FLOORS ARE DESIGNED TO BE CONTINUOUS OVER MORE THAN 1 JOIST SPAN. COORDINATE WITH FLOOR MANUFACTURER TO STOP AND START JOISTS WHERE SHOWN ON PLAN TO ALLOW FOR CONTINUOUS ACTION.
2. "DBL" INDICATES DOUBLE JOIST
3. ALL BEAMS AND GIRDER SPANS MARKED ARE TO BE DOUBLED
4. ALL LOAD - BEARING HEADERS SHALL BE (2) 2X10 UNLESS OTHERWISE NOTED ON THE PLAN.
5. WHERE DIMENSIONS ARE NOT INDICATED, BEAMS MAY RUN PARALLEL TO FLOOR JOISTS AND INTENDED TO ALSO UNDER LOAD BEARING WALLS. SEE THE ARCHITECTURAL PLANS FOR DIMENSIONS TO WALLS.
6. ALL WALLS UP TO 9' FT TALL SHALL BE 2X6 @16" O.C. UNLESS NOTED OTHERWISE ON THE PLAN. TALLER WALLS SHALL COMPLY WITH TABLE R602.3(5) OF THE GUIDE OR AS NOTED ON THE PLAN.
7. WOOD BEAMS SHALL BE SUPPORTED BY METAL HANGERS OF ADEQUATE CAPACITY WHERE FRAMING INTO BEAMS OR LEDGERS. THE FOLLOWING HANGER SCHEDULE MAY BE USED UNLESS NOTED OTHERWISE ON THE PLAN.

HEADER SIZE	SIMPSON HANGER
(2) 2x6	LUS 26 Z
(2) 2x8	LUS 28 Z
(2) 2x10	LUS 210 Z
(2) 2x12	LUS 212 Z
(2) 1 3/4" x 9 1/4" LVL	HUS 26
(2) 1 3/4" x 11 7/8" LVL	HUS 210
(2) 1 3/4" x 14" LVL	HUS 212
ALL TRIPLE LVL	HGUS 5-SDS2

8. NOTE: FILL ALL OF THE HOLES IN HANGERS WITH (typ.) 10" COMMON NAILS (NO. 8 WITH DOUBLE SHEAR VALUES) OR 1/2" BOLTS UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER DO NOT BEND OR MODIFY THE HANGER OR USE IMPROPER FASTENERS. DO NOT USE SHORT 10" HANGER NAILS UNLESS OTHERWISE NOTED ON THE PLANS OR IN SITUATIONS WHERE ONLY 8" OR LESS OF WOOD IS PROVIDED TO NAIL INTO.
9. STEEL BEAMS MUST HAVE (3) 2X6 OR (4) 2X4 STUDS UNDER EACH END SUPPORT UNLESS NOTED OTHERWISE.
10. 1 1/4" LVL OR LAM. BEAMS MUST HAVE (2) 2X6 STUDS TO SUPPORT ALL PLIES AT EACH END WITH A MINIMUM OF (3) 2X6 OR (2) 2X8 STUDS UNDER EACH END UNLESS NOTED OTHERWISE.
11. ALL POINT LOADS FROM ROOF BRACES, JACK STUDS, BEAM SUPPORTS AND THEIR WOOD OR STEEL CARRIER BEAM OR SHEATHING ALONE BLOCKING TRIMS TO OR BETTER THAN THE POINT LOAD SUPPORTS ABOVE MUST BE CARRIED THROUGH ALL CONSTRUCTION TO THE FOUNDATION. INSTALL 2x4 SOLEPLATE BLOCKS FLAT OR EDGE, NOTCHED TO COLLAR ABOVE BETWEEN SUBFLOOR AND FOUNDATION WALL OR LOWER PLATE. HOT BOARDS AND 1 JOIST BLOCKING SHALL NOT BE CONSIDERED AS AN ACCEPTABLE LOAD OR SUPPORT UNDER CONCENTRATE POINT LOADS FROM LVL AND STEEL BEAMS OR WHERE TUBE IS INDICATED ON THE PLANS.
12. FASTEN ALL TRIPLE PLY LVL'S TOGETHER WITH TWO ROWS OF 3" LONG TRUSS LOK SCREWS @ 16" O.C. AND NOT TO EXCEED 24" O.C. WITH TWO ROWS OF 3" TRUSS LOK SCREWS @ 16" O.C. UNLESS NOTED OTHERWISE ON THE PLANS. THE SCREWS SHALL BE LOCATED A MINIMUM OF 3" AND A MAXIMUM OF 7" FROM THE TOP OR BOTTOM OF THE BEAM.

DIAGONAL NOTES:
13. FOR SPANS UP TO 6'-11" USE (1) 2X6 (3.5"X5.5") STEEL STRAP.
14. FOR SPANS GREATER THAN 8'-0" (OR LINE SHOWN ON PLAN) USE (1) 2X8 (3.5"X7.25") STEEL STRAP.
15. FASTEN ALL STEEL STRAPS TO WOOD HEADER WITH (14) 1 1/4" LAG SCREWS + 8" O.C. EXTEND ALL ANGLES 6" PAST OPENING TO BEAM ON OPPOSITE SIDE OF DOOR.
16. FASTEN FIRST KING STUD TO UPPER HEADER WITH (4) 1 1/4" LAG SCREWS + 8" O.C. (STAGGER) IN EACH PLY.
17. HGA AND TPG 2150 SCHEDULE (1 SHALL OPPOSITE) TYP. BE INSTALLED AT 6" MAX END OF OPENING UNLESS OTHERWISE NOTED AS "@" ON THE PLAN

SPANS UP TO	USE
6'-11" TO 8'-0"	1 JACK 1 KING
8'-1" TO 9'-6"	1 JACK, 1 KING
9'-7" TO 11'-0"	2 JACK, 1 KING
11'-1" TO 12'-6"	2 JACK, 2 KING
12'-7" TO 14'-0"	3 JACK, 2 KING
14'-1" TO 15'-6"	3 JACK, 3 KING
15'-7" TO 17'-0"	4 JACK, 3 KING
17'-1" TO 18'-6"	4 JACK, 4 KING
18'-7" TO 20'-0"	5 JACK, 4 KING
20'-1" AT 22'-0"	SEE PLAN

DOOR SCHEDULE

#	WIDTH	HEIGHT	DESCRIPTION
1	3'	6' 8"	3/4 GLASS DOORS
2	5'	6' 8"	SLIDING DOOR UNIT
3	2'-5"	6' 8"	EXTERIOR FRENCH DOORS
4	2'-5"	6' 8"	SOLID PANEL DOORS
5	2'-11"	6' 8"	BARN DOORS
6	2'-11"	6' 8"	SOLID PANEL DOORS
7	2'-5"	6' 8"	CASED OPENING
8	2'-5"	6' 8"	SOLID PANEL DOOR
9	2'-5"	6' 8"	SOLID PANEL DOOR
10	2'-5"	6' 8"	SOLID PANEL DOOR
11	2'-5"	6' 8"	3/4TH GLASS BLOCKER DOOR
12	4'-0"	6' 8"	CASED OPENING
13	3'-0"	6' 8"	BARN DOOR
14	2'-5"	6' 8"	POCKET DOORS
15	9'-0"	6' 8"	CASED OPENING
16	3'-0"	6' 8"	CASED OPENING
17	2'-5"	6' 8"	BARN DOOR
18	2'-5"	6' 8"	POCKET DOOR
19	2'-5"	6' 8"	SOLID PANEL DOORS
20	2'-5"	6' 8"	SOLID PANEL DOOR
21	2'-5"	6' 8"	SOLID PANEL DOOR
22	2'-5"	6' 8"	SOLID PANEL DOOR
23	2'-5"	6' 8"	SOLID PANEL DOOR
24	2'-5"	6' 8"	3/4 PRIVATE DOOR
25	3'-0"	6' 8"	EXTERIOR STEEL DOOR

SQUARE FOOTAGE

3/24/16

Main Level	4,938 Sq.Ft.
Upper Level	4,661 Sq.Ft.
Total Heated	9,681 Sq.Ft.
Front Entry	198 Sq.Ft.
Lower Garage	933 Sq.Ft.
Lower Backstop	318 Sq.Ft.
Rear Porch	381 Sq.Ft.
Total Under Roof	1545 Sq.Ft.

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ENGINEER:
Scott Smith
Design of Barrington Renovation

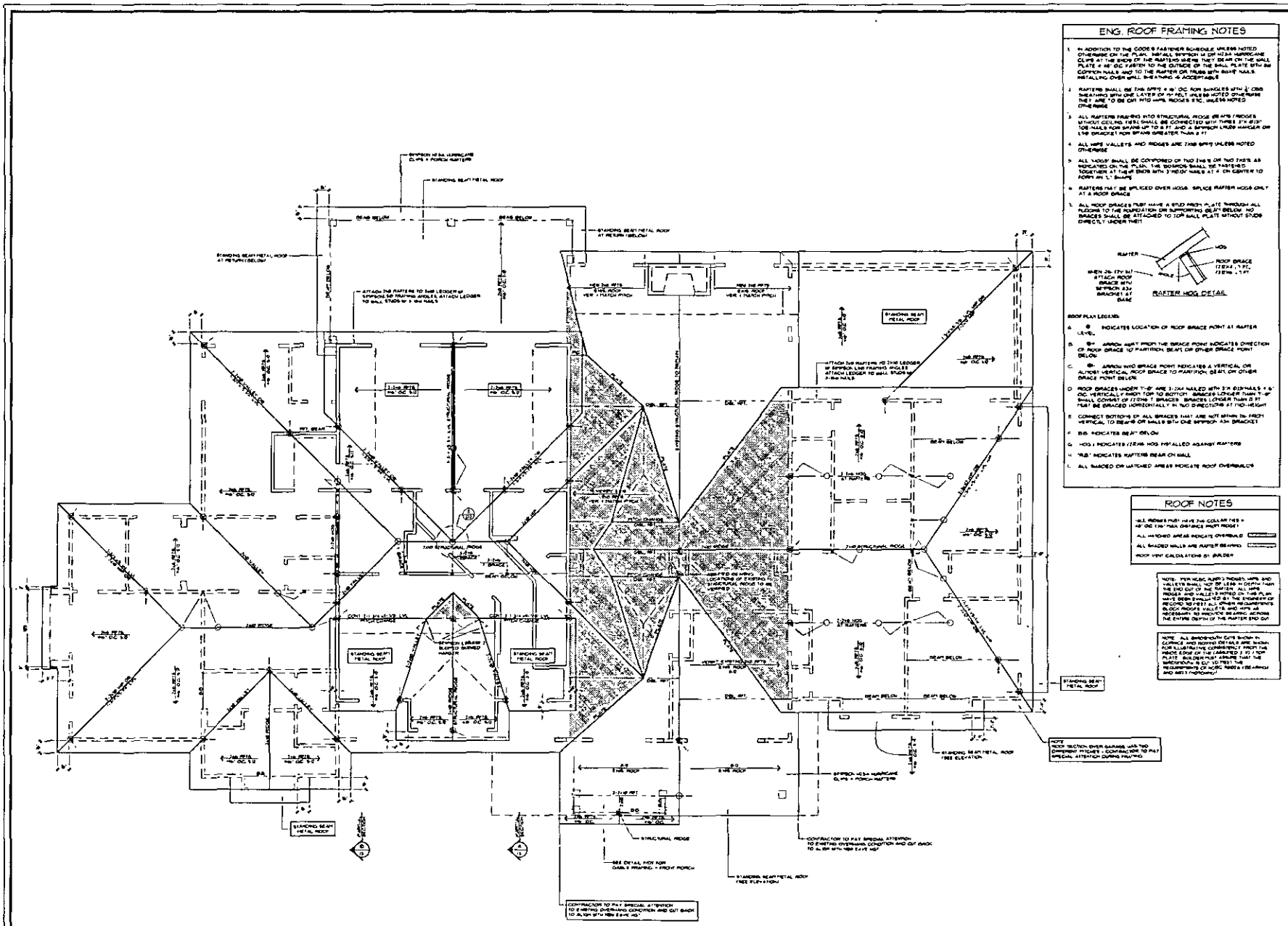
PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
UPPER LEVEL FLOOR PLAN

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

PAGE:
10



ENG. ROOF FRAMING NOTES

1. IN ADDITION TO THE CODE'S FASTENER SCHEDULE, UNLESS NOTED OTHERWISE ON THE PLAN, INSTALL SIMPSON H1 OR H2.5A HURRICANE CLIPS AT THE ENDS OF THE RAFTERS WHERE THEY BEAR ON THE WALL PLATE + 45° OC FASTEN TO THE OUTSIDE OF THE WALL PLATE WITH 8d COMMON NAILS AND TO THE RAFTER OR TRUSS WITH 8d RING SHANK NAILS. INSTALLING OVER WALL SHEATHING IS ACCEPTABLE
2. RAFTERS SHALL BE 2X6 SPF3 + 16" OC FOR SHINGLES WITH 1/2" CDX SHEATHING WITH ONE LAYER OF 30 FELT UNLESS NOTED OTHERWISE THEY ARE TO BE CUT INTO HIPS, RIDGES ETC. UNLESS NOTED OTHERWISE
3. ALL RAFTERS FRAMING INTO STRUCTURAL RIDGE BEAMS / RIDGES WITHOUT CEILING TIES SHALL BE CONNECTED WITH THREE 3"X .0131" TOE NAILS FOR SPANS UP TO 6 FT AND A SIMPSON LRU5 HANGER OR LTH5 BRACKET FOR SPANS GREATER THAN 6 FT
4. ALL HIPS, VALLEYS AND RIDGES ARE 2X8 SPF3 UNLESS NOTED OTHERWISE
5. ALL "HOOS" SHALL BE COMPOSED OF TWO 2X6'S OR TWO 2X8'S AS INDICATED ON THE PLAN. THE MEMBERS SHALL BE FASTENED TOGETHER AT THE HIP ENDS WITH 3 PAIRS OF 16d NAILS AT 4" ON CENTER TO FORM AN "L" SHAPE
6. RAFTERS MAY BE SPLICED OVER HOOS. SPLICE RAFTER HOOS ONLY AT A ROOF BRACE
7. ALL ROOF BRACES MUST HAVE A STUD FROM FLOOR THROUGH ALL FLOORS TO THE FOUNDATION OR SUPPORTING BEAM BELOW. NO BRACES SHALL BE ATTACHED TO TOP WALL PLATE WITHOUT STUDS DIRECTLY UNDER THEM

RAFTER HOG DETAIL

ROOF PLAN LEGEND:

A. ⊕ INDICATES LOCATION OF ROOF BRACE POINT AT RAFTER LEVEL
B. ⊕↑ ARROW AWAY FROM THE BRACE POINT INDICATES DIRECTION OF ROOF BRACE TO PARTITION, BEAM, OR OTHER BRACE POINT BELOW
C. ⊕↕ ARROW INTO BRACE POINT INDICATES A VERTICAL OR ALMOST VERTICAL ROOF BRACE TO PARTITION, BEAM, OR OTHER BRACE POINT BELOW
D. ROOF BRACES UNDER 7'-0" ARE 1-2X4 NAILED WITH 3-8D COMMON'S + 6" OC VERTICALLY FROM TOP TO BOTTOM. BRACES LONGER THAN 7'-0" SHALL CONSIST OF 1-2X6 T. BRACES. BRACES LONGER THAN 12 FT "FLAT" SHALL BE DESIGNED HORIZONTALLY AS TWO DIAPHRAGMS
E. CONNECT BOTTOMS OF ALL BRACES THAT ARE NOT WITHIN 3in FROM VERTICAL TO BEAM OR WALLS WITH ONE SIMPSON A34 BRACKET
F. BB: INDICATES BEAM BELOW
G. HOG / INDICATES 1"2X6 HOG INSTALLED AGAINST RAFTERS
H. "RB" INDICATES RAFTERS BEAR ON WALL
I. ALL SHADED OR HATCHED AREAS INDICATE ROOF OVERHANGS

ROOF NOTES

ALL RIDGES MUST HAVE 2X6 COLLAR TIES + 48" OC (24" FOR 6/12 PITCH OR GREATER) FROM RIDGE !
ALL HATCHED AREAS INDICATE OVERHANGS
ALL SHADED WALLS ARE RAFTER BEARING
ROOF VENT CALCULATIONS BY BUILDER

NOTE: VERIFY HOOS, RIDGE BEAMS, AND VALLEYS SHALL NOT BE LESS IN DEPTH THAN THE TOP CUT OF THE RAFTERS. ALL HIPS, RIDGES AND VALLEYS NOTED ON THIS PLAN HAVE BEEN SHOWN AS 2X8'S OR 2X10'S. THE DIMENSIONS OF RECORD ISO 19287. ALL OTHER REQUIREMENTS SUCH AS BLOCKING, RIDGE VALLEYS AND HIPS AS NECESSARY TO PROVIDE BEARING ACROSS THE ENTIRE DEPTH OF THE RAFTER END CUT

NOTE: ALL DIMENSIONS GIVEN SHOWN IN GARAGE AND ROOFING DETAILS ARE SHOWN FOR ILLUSTRATIVE CONSISTENCY FROM THE RIDGE EDGE OF THE LAMINATED 2 X 12 TOP PLATE. BUILDER MUST ENSURE THAT THE DIMENSIONS IN ELEVATION MEET THE REQUIREMENTS OF LOCAL TRADES & RESEARCH AND ARE CONFORMITY

NOTE: ROOF SECTION OVER GARAGE HAS TWO DIFFERENT PITCHES - CONTRACTOR TO PAY SPECIAL ATTENTION DURING FRAMING

STANDING SEAM METAL ROOF

STRUCTURAL RIDGE

CONTRACTOR TO PAY SPECIAL ATTENTION TO EXISTING OVERHANG CONDITION AND CUT BACK TO A SIM WITH NEW 5 1/4" HOO

SEE DETAIL #XX FOR GABLE FRAMING - FRONT PORCH

STANDING SEAM METAL ROOF FREE ELEVATION

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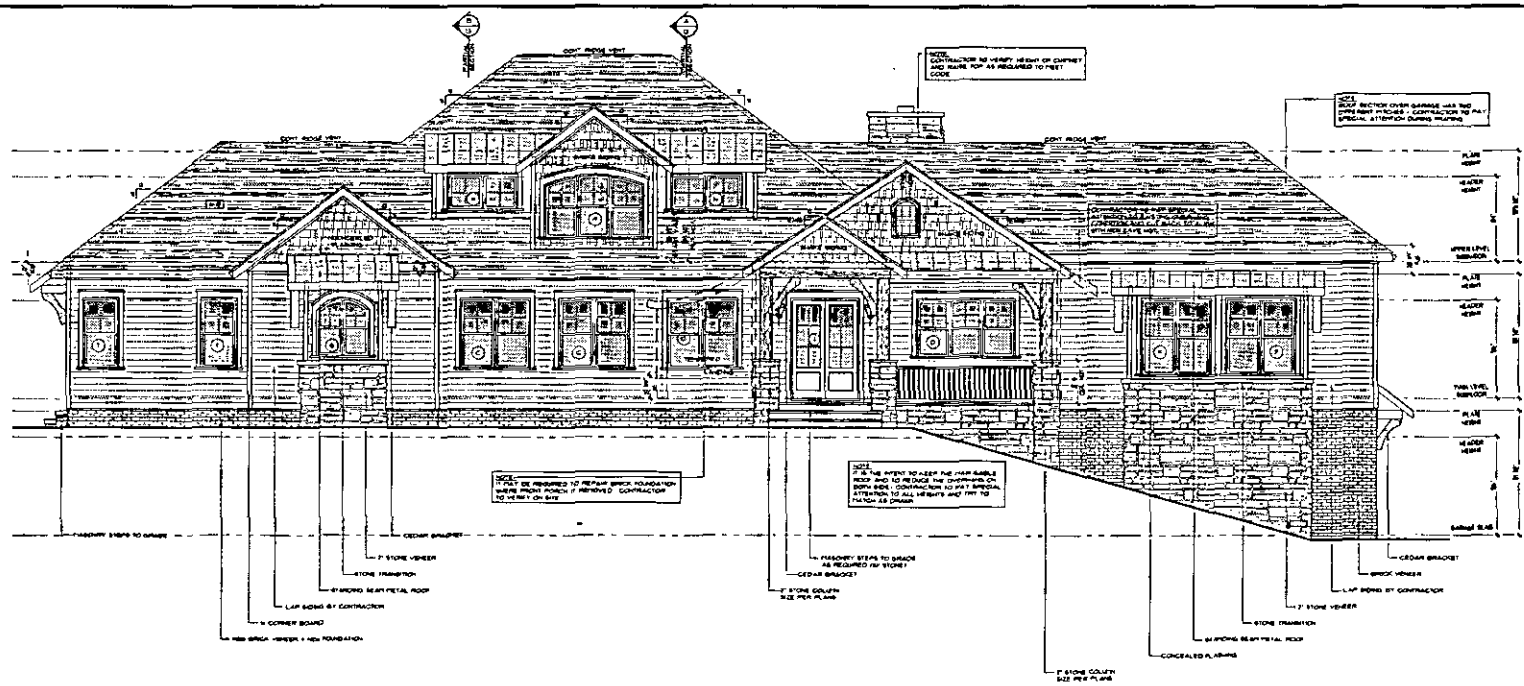
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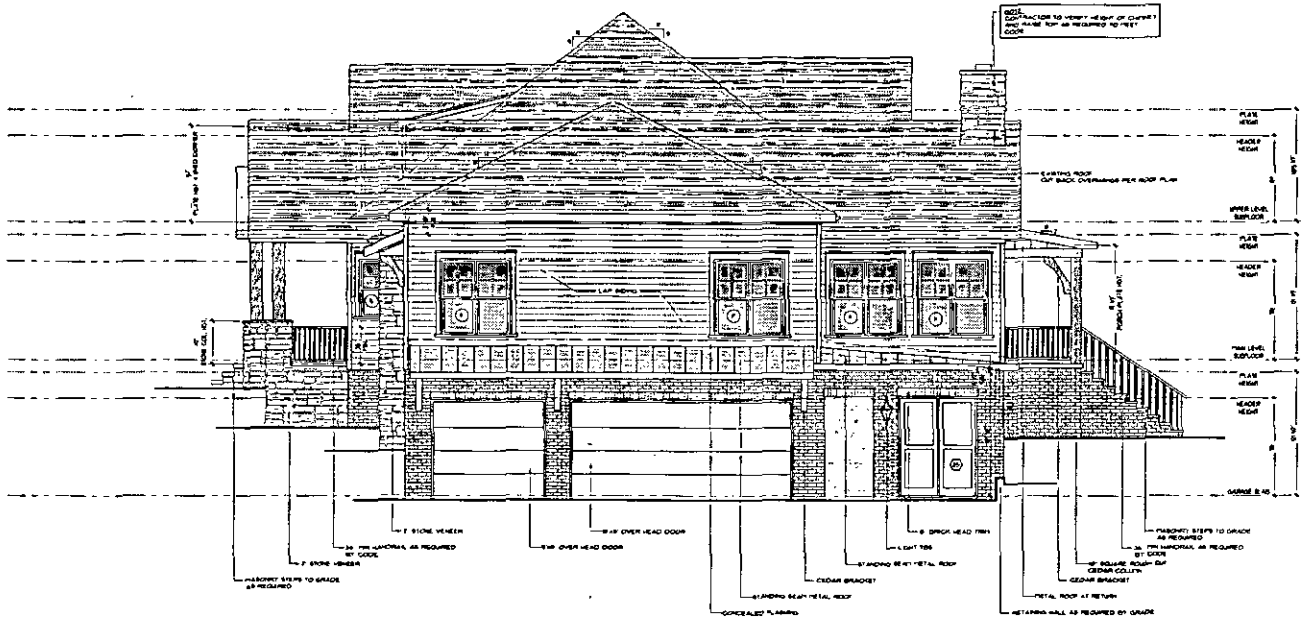
2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
ROOF PLAN

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

PAGE:
11





ELEVATION NOTES

ELEVATION FINISH

DOOR SCHEDULE

#	SIZE	DESCRIPTION
1	2'-0" x 6'-8"	3/4 GLASS DOORS
2	5'-0" x 6'-8"	SLIDING DOOR UNIT
3	2'-6" x 6'-8"	EXTERIOR FRENCH DOORS
4	2'-6" x 6'-8"	SOLID PANEL DOORS
5	2'-6" x 6'-8"	BARN DOORS
6	2'-6" x 6'-8"	SOLID PANEL DOORS
7	2'-6" x 6'-8"	CASED OPENING
8	2'-6" x 6'-8"	SOLID PANEL DOOR
9	2'-6" x 6'-8"	SOLID PANEL DOOR
10	2'-6" x 6'-8"	SOLID PANEL DOOR
11	2'-6" x 6'-8"	3/4 GLASS BARN DOOR
12	2'-6" x 6'-8"	CASED OPENING
13	2'-6" x 6'-8"	BARN DOOR
14	2'-6" x 6'-8"	POCKET DOORS
15	2'-6" x 6'-8"	CASED OPENING
16	2'-6" x 6'-8"	CASED OPENING
17	2'-6" x 6'-8"	BARN DOOR
18	2'-6" x 6'-8"	POCKET DOOR
19	2'-6" x 6'-8"	SOLID PANEL DOORS
20	2'-6" x 6'-8"	SOLID PANEL DOOR
21	2'-6" x 6'-8"	SOLID PANEL DOOR
22	2'-6" x 6'-8"	SOLID PANEL DOOR
23	2'-6" x 6'-8"	SOLID PANEL DOOR
24	2'-6" x 6'-8"	3/4 GLASS DOOR
25	2'-6" x 6'-8"	EXTERIOR STEEL DOOR

WINDOW SCHEDULE

#	SIZE	DESCRIPTION
A	3'-0" x 1'-0"	TRANSOM
B	2'-6" x 4'-0"	ARCH DOUBLE HUNG OR CASEMENT
C	2'-6" x 4'-0"	DOUBLE HUNG
D	2'-6" x 4'-0"	DOUBLE HUNG
E	2'-6" x 4'-0"	DOUBLE HUNG
F	2'-6" x 4'-0"	DOUBLE HUNG
G	2'-6" x 4'-0"	DOUBLE HUNG
H	2'-6" x 4'-0"	DOUBLE HUNG
I	2'-6" x 4'-0"	DOUBLE HUNG
J	2'-6" x 4'-0"	DOUBLE HUNG
K	2'-6" x 4'-0"	DOUBLE HUNG
L	3'-0" x 1'-0"	TRANSOM
M	2'-6" x 4'-0"	DOUBLE HUNG
N	3'-0" x 1'-0"	TRANSOM
O	2'-6" x 4'-0"	ARCH DOUBLE HUNG OR CASEMENT
P	2'-6" x 4'-0"	DOUBLE HUNG
Q	2'-6" x 4'-0"	DOUBLE HUNG
R	2'-6" x 4'-0"	DOUBLE HUNG
S	2'-6" x 4'-0"	DOUBLE HUNG

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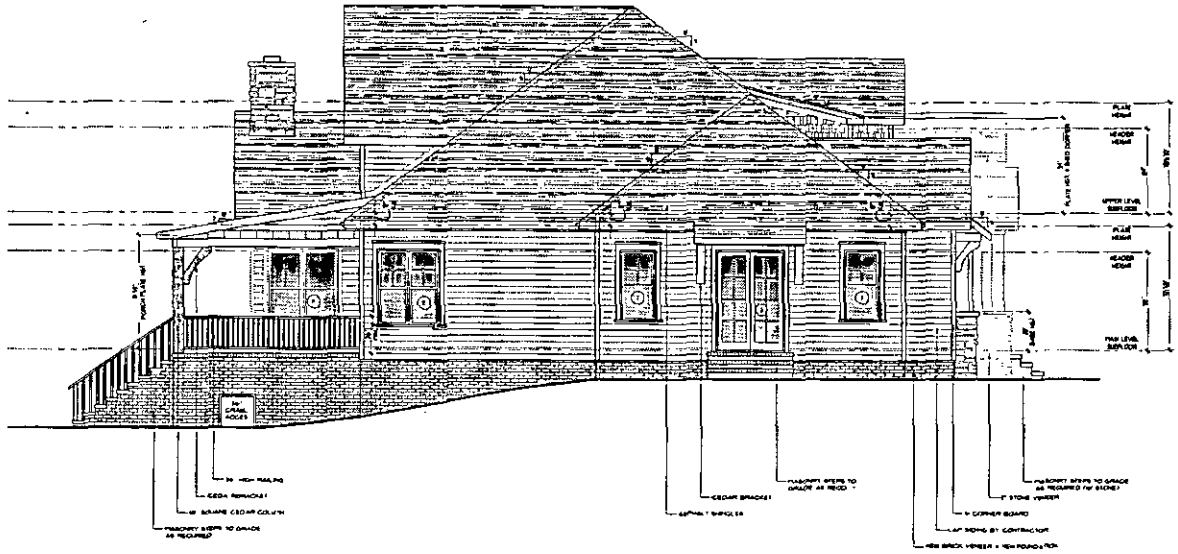
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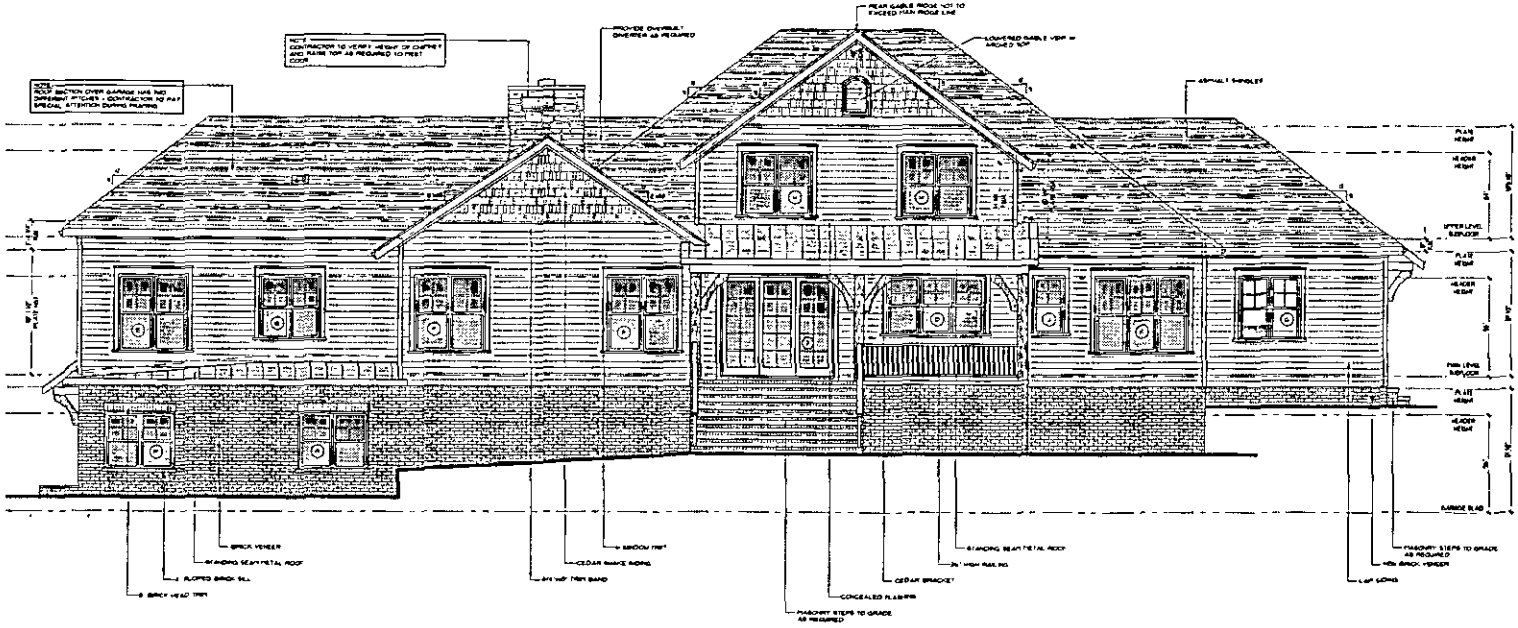
2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
FRONT & RIGHT ELEVATIONS

SCALE:

PAGE:
12





ELEVATION NOTES

ELEVATION FINISH

DOOR SCHEDULE

#	SIZE	DESCRIPTION
1	2'-1" x 6'-8"	3/4 GLASS DOORS
2	9'-0" x 8'-0"	SLIDING DOOR UNIT
3	2'-0" x 6'-8"	EXTERIOR FRENCH DOORS
4	2'-0" x 6'-8"	SOLID PANEL DOORS
5	2'-0" x 6'-8"	BARN DOORS
6	2'-0" x 6'-8"	SOLID PANEL DOORS
7	2'-0" x 6'-8"	CASED OPENING
8	2'-0" x 6'-8"	SOLID PANEL DOOR
9	2'-0" x 6'-8"	SOLID PANEL DOOR
10	2'-0" x 6'-8"	SOLID PANEL DOOR
11	2'-0" x 6'-8"	10"x7" GLASS SHOWER DOOR
12	2'-0" x 6'-8"	CASED OPENING
13	2'-0" x 6'-8"	BARN DOOR
14	2'-0" x 6'-8"	POCKET DOORS
15	4'-0" x 6'-8"	CASED OPENING
16	2'-0" x 6'-8"	CASED OPENING
17	2'-0" x 6'-8"	BARN DOOR
18	2'-0" x 6'-8"	PRIVACY DOOR
19	2'-0" x 6'-8"	SOLID PANEL DOORS
20	2'-0" x 6'-8"	SOLID PANEL DOOR
21	2'-0" x 6'-8"	SOLID PANEL DOOR
22	2'-0" x 6'-8"	SOLID PANEL DOOR
23	2'-0" x 6'-8"	SOLID PANEL DOOR
24	2'-0" x 6'-8"	NO PRIVATE DOOR
25	3'-0" x 7'-0"	EXTERIOR STEEL DOOR

WINDOW SCHEDULE

#	SIZE	DESCRIPTION
A	2'-0" x 2'-0"	TRANSOM
B	3'-0" x 4'-0"	ARCH DOUBLE HUNG OR CASEMENT
C	2'-0" x 4'-0"	DOUBLE HUNG
D	2'-0" x 4'-0"	DOUBLE HUNG
E	2'-0" x 4'-0"	DOUBLE HUNG
F	2'-0" x 4'-0"	DOUBLE HUNG
G	2'-0" x 4'-0"	DOUBLE HUNG
H	2'-0" x 3'-0"	DOUBLE HUNG
I	3'-0" x 4'-0"	DOUBLE HUNG
J	2'-0" x 4'-0"	DOUBLE HUNG
K	2'-0" x 4'-0"	DOUBLE HUNG
L	2'-0" x 4'-0"	DOUBLE HUNG
M	2'-0" x 2'-0"	TRANSOM
N	3'-0" x 4'-0"	ARCH DOUBLE HUNG OR CASEMENT
O	2'-0" x 4'-0"	DOUBLE HUNG
P	2'-0" x 4'-0"	DOUBLE HUNG
Q	2'-0" x 4'-0"	DOUBLE HUNG
R	2'-0" x 4'-0"	DOUBLE HUNG

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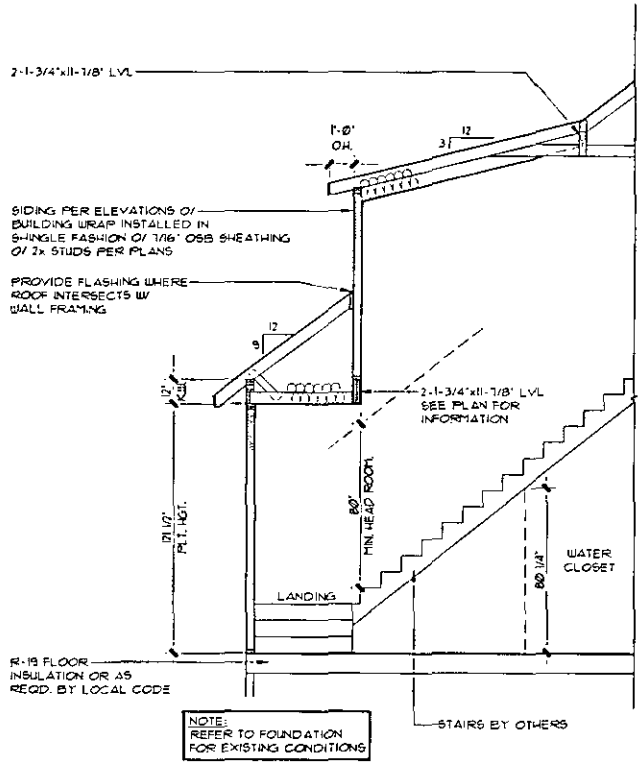
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3/24/16	FINAL SEALS

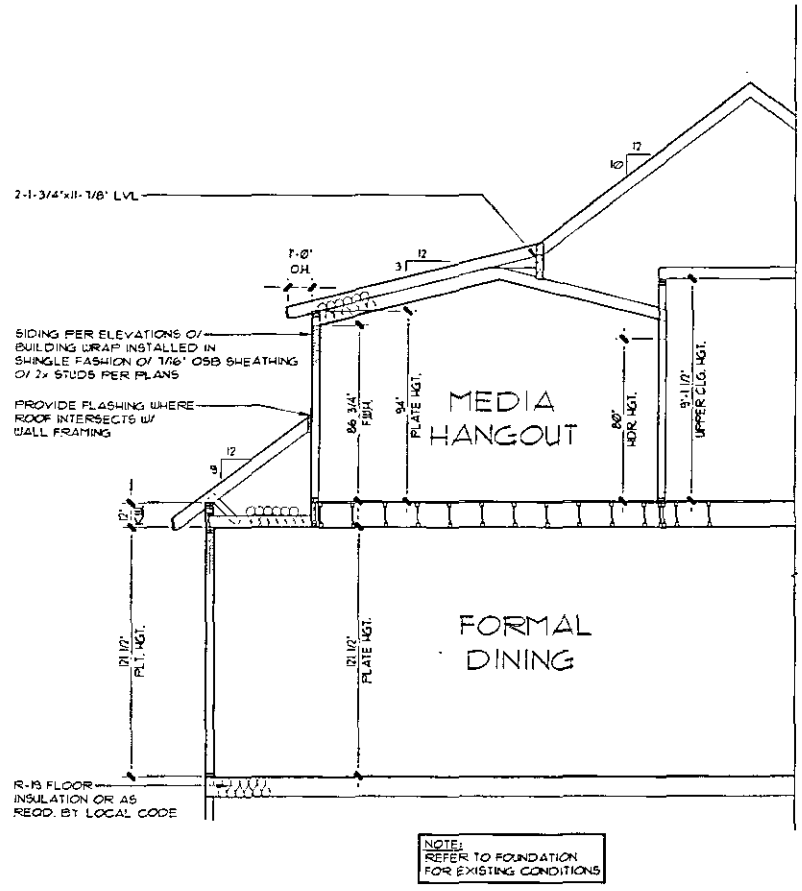
DRAWING:
LEFT & REAR ELEVATIONS

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

PAGE:
13



A WALL SECTION @ STAIRS



B WALL SECTION @ DINING

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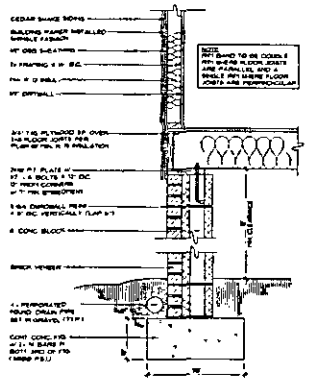
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3/24/16	FINAL SEALS

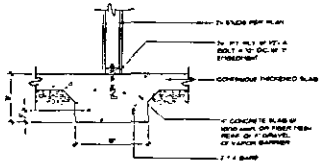
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WALL SECTIONS

SCALE: 1/2" = 1'-0"

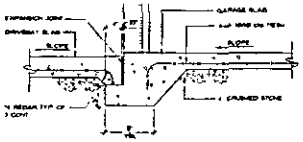
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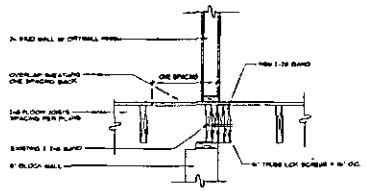
FOUNDATION DETAIL @ NEW GUEST SUITE ADDITIOUN W/ BRICK VENEER & SIDING (A)



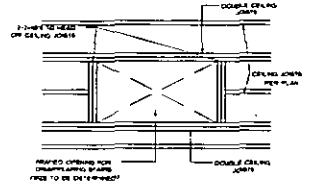
THICKENED SLAB DETAIL (B)



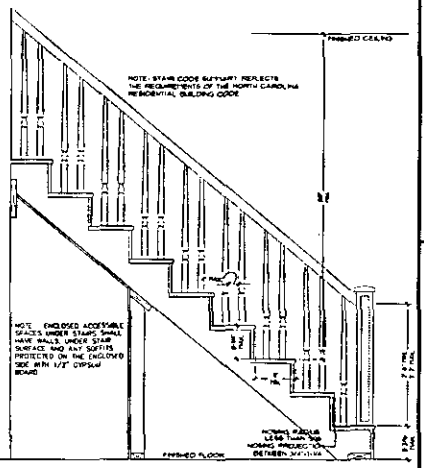
TURNED DOWN SLAB DETAIL (C)



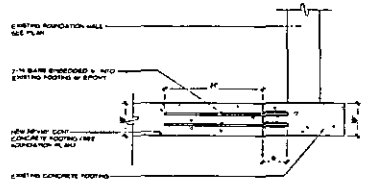
FRAMING DETAIL @ NEW FLOOR FRAMING TO EXISTING FLOOR (D)



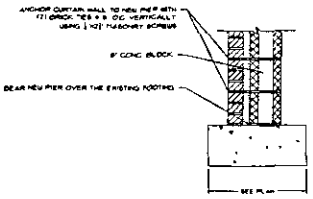
DISSAPEARING STAIR DETAIL VERIFY LOCATIONS TO BE INSTALLED (E)



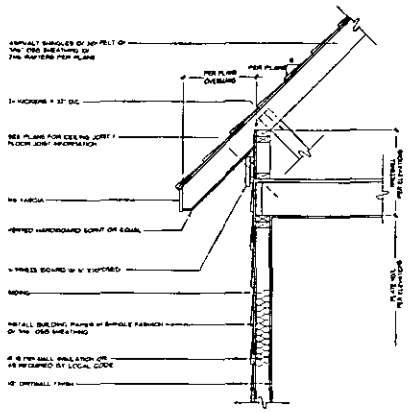
STAIR CODES DETAIL (F)



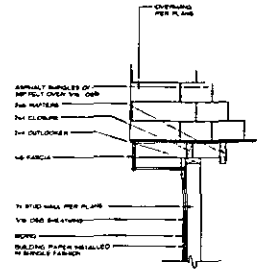
FOOTING CONNECTION DETAIL (G)



NEW PIER TO EXIS CURTAIN WALL (H)



TYPICAL BOXING DETAIL (SEE ELEVATIONS FOR HGTS) (J)



TYPICAL RAKE DETAIL (K)

ashley j design
custom homes and renovations

BUILT BY:

CONTRACTING, INC.

ENGINEER:

SEAL
SEAL-038744
ENGINEER
3/21/16
NORTH CAROLINA PROFESSIONAL
SCOTT T. HOLLAR
SEAL FOR STRUCTURAL DESIGN OF BARRINGTON RENOVATION

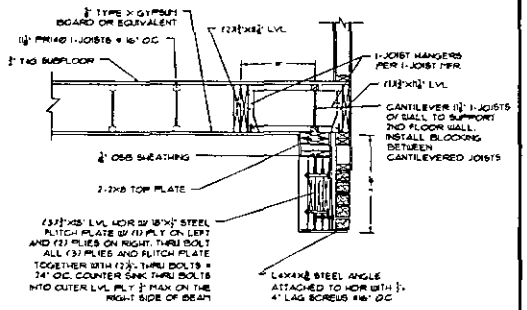
PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

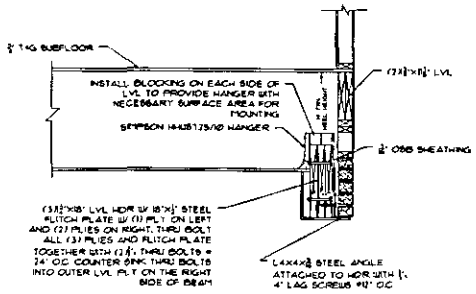
DRAWING:
CONSTRUCTION DETAILS

SCALE: 1" = 1'-0"

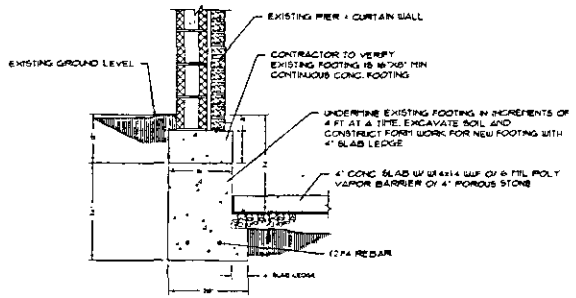
PAGE:
D1



GARAGE DOOR FLITCH PLATE HDR. (A)

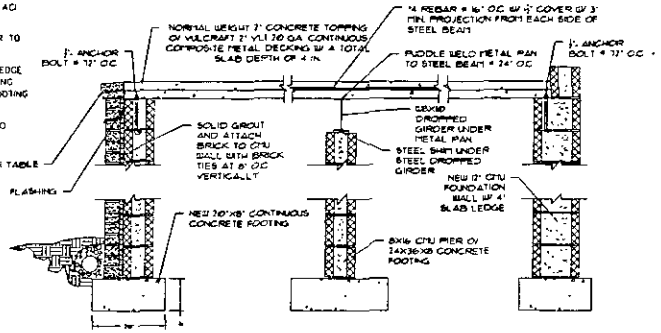


LVL / STEEL BEAM TO GARAGE HEADER (B)

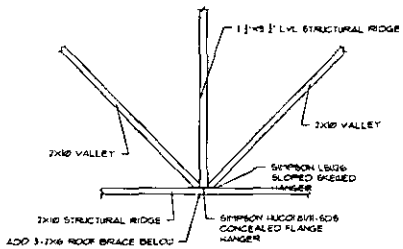


FOUNDATION DETAIL @ UNDERMINED WALL (C)

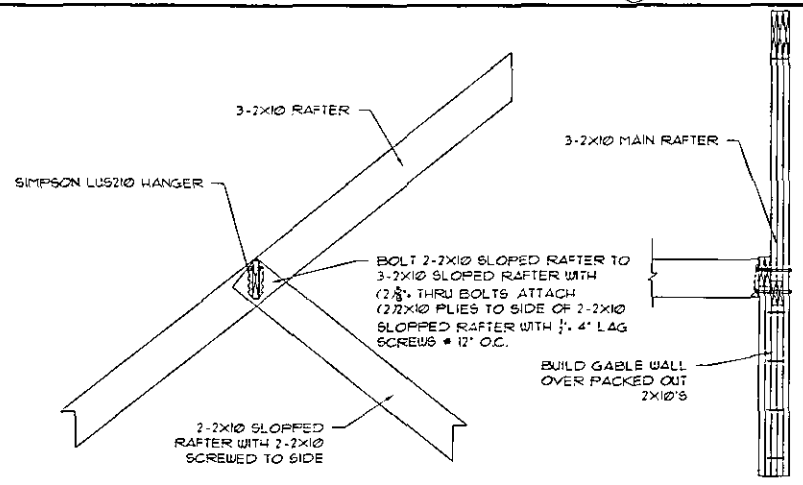
NOTES
1. CONCRETE SHALL BE 3,000 PSI AT 28 DAYS
2. PLACEMENT OF CONCRETE SHALL CONFORM TO ACI 318
3. REINFORCEMENT SHALL BE GRADE 60
4. ALL FRAMING AND SLAB TO BE IN PLACE PRIOR TO BACKFILLING
5. SPACING FOR REBAR SHALL BE WITHIN 1" OF DIMENSION SHOWN. DISTANCE OF REBAR FROM EDGE OF WALL SHALL BE WITHIN ½". WALL AND FOOTING THICKNESS SHALL BE WITHIN ½" TOLERANCE. FOOTING WIDTHS SHALL BE WITHIN 2" TOLERANCE
6. BEARING CAPACITY OF 2000 PSF.
7. POURED METAL PAN TO BE INSTALLED PRIOR TO BACKFILL



METAL PAN DETAIL (D)



RIDGE TO HIP CONNECTION (E)



FRAMING DETAIL @ FRONT PORCH GABLE (F)

ashley j design
custom homes and renovations
PO BOX 2312 CHARLOTTE, NC 28111
DAVIDSON, NC 28036
704.765.0779

BUILT BY:
WA Building Since 1980
CONTRACTING, INC.

ENGINEER:
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 035355 3/24/16 CHAD T. RITES
Structural Design of Barrington Residence
Chad T. Rites, PE
NC Firm P-0987

PROJECT:
BARRINGTON FAMILY
2515 GREAY ROAD
DAVIDSON, NC

2/28/16	FLOORS & ELEVATIONS
3/24/16	FINAL SEALS

DRAWING:
CONSTRUCTION DETAILS

SCALE: 1" = 1'-0"

PAGE:
D2

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	06/24/16	**Amount:**	300.00
Receipt #:	100883	**Tendered:**	300.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	ANDRAEO		

Account Information

Account #: X44974
Contractor: WAC CONTRACTING INC
Attn:
Address: 127 E PROMENADE DR
Address:
City/State/Zip: MOORESVILLE, NC 28117

Item	Description	Permit#	Quantity	Unit Price	Total Price
0706	Septic Alteration Permit 2515 Grey Rd.		1	300.00	300.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
300.00					



2515 GREY RD

00303117

1/10/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
Barcode Font = IDAutomationHC39M

FI $100.00
DATE 7/13/06
CRT I
proj# 189601

CAB

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE
WASTEWATER TREATMENT & DISPOSAL SYSTEM
MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 01/05

FILE# [illegible]

TYPE APPLCATION:

- ☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☑ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION: CMR INC.
NAME: CRAIG ROSEMAN BUILDER
ADDRESS: 21121 SHEARER RD.
CITY: DAVIDSON N.C.
STATE: N.C. ZIP: 28036
PHONE: 704-534-1499
ALTERNATE PHONE: 704-896-0773

PROPERTY OWNER:
NAME: MATT BARRINGTON
ADDRESS: 2515 GREY ROAD
CITY: DAVIDSON N.C.
STATE: N.C. ZIP: 28036
PHONE: 704-756-8779
ALTERNATE PHONE: 704-896-9853

JOB LOCATION INFORMATION
TAX/PARCEL #: 003-031-17
STREET ADDRESS: 2515 Grey Rd
CITY: Davidson
STATE: NC ZIP:
SUBDIVISION OR MOBILE HOME PARK NAME:
LOT #:

TOWNSHIP:

- ☐ 0-MECKLENBURG
- ☐ 1-CHARLOTTE
- ☑ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☐ 7-MINT HILL

WATER SUPPLY:
☐ MUNICIPAL (M) ☐ COMMUNITY (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:
☑ HOUSE (H) ☐ MODULAR HOME (M) ☐ MULTIPLE FAMILY (U)
☐ SINGLE MOBILE HOME (S) ☐ DOUBLE WIDE (D)
☐ OTHER (O)
NUMBER OF BEDROOMS:
NUMBER OF OCCUPANTS:

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:
TYPE OF BUSINESS:
EMPLOYEES PER SHIFT:
OF SHIFTS.
INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:
☐ BEDROOM ☐ BATHROOM ☑ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☑ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:
☐ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Craig M. Roseman — 7-13-06
Owner's/Agent's Signature — Date

*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until *an installation, construction, alteration and/or repair approval* is granted y this Department.
- This permit is not transferable.

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

EHS Signature — Date

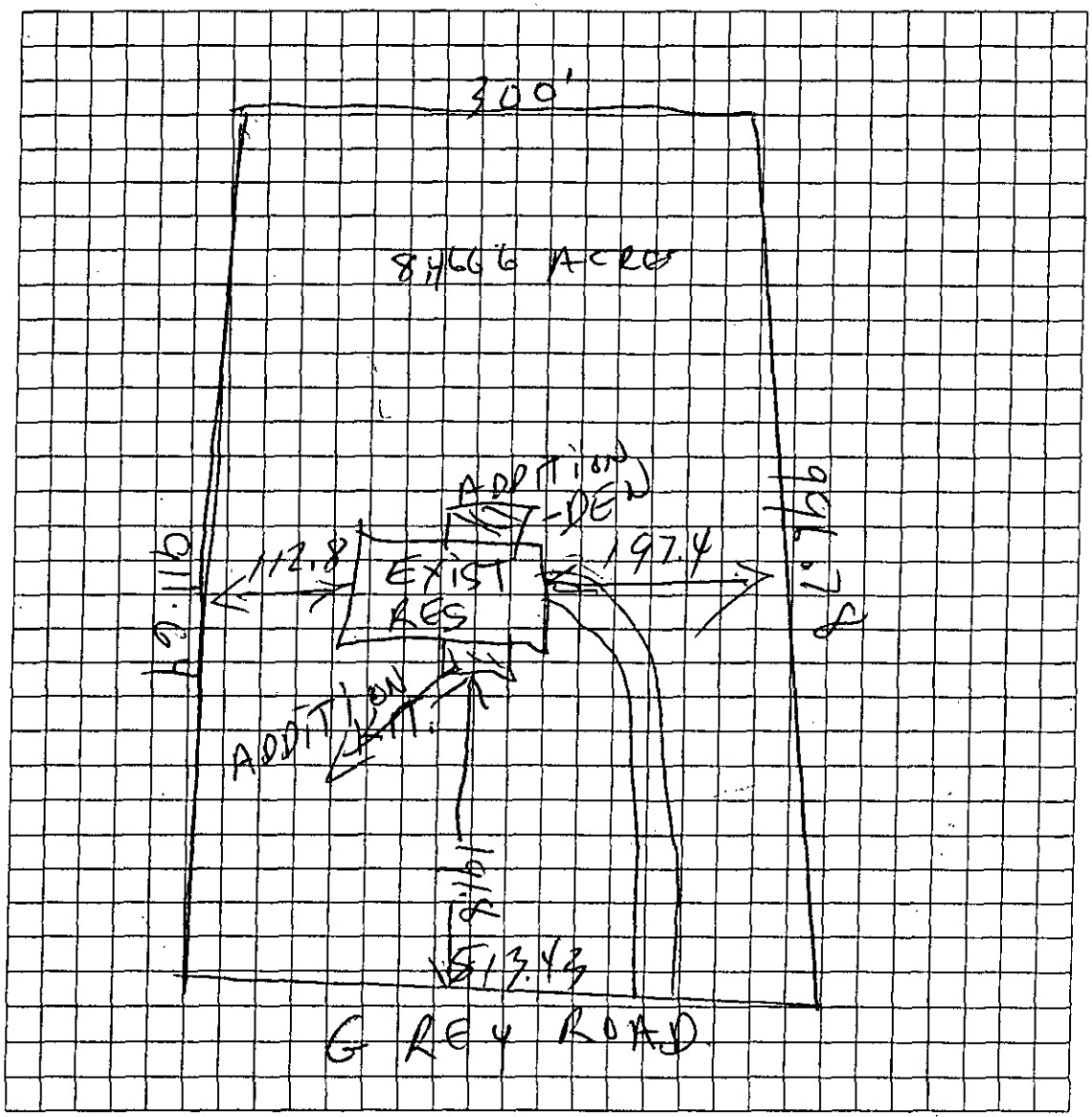
Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # 060643
Date_____

PROPOSED PLOT PLAN

ADDITION - NO BED ROOMS

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature	Craig M. Rozeman
Date	7-13-06

LBC 12/15/04



1142

MS 189601

FEE: $100.00
DATE: 7-13-06
CRT: I

Proj # 189-601

APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM
MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 01/05

FILE # 6665

CINA WASP

TYPE APPLCATION:

- ☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☑ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

PERSON FILING APPLICATION: CMR INC.
NAME: CRAIG ROSEMAN BUILDER
ADDRESS: 21121 SHEARER RD.
CITY: DAVIDSON N.C.
STATE: N.C. ZIP 28036
PHONE: 704-534-1499
ALTERNATE PHONE 704-896-0773

PROPERTY OWNER:
NAME: MATT BARRINGTON
ADDRESS: 2515 GREY ROAD
CITY: DAVIDSON N. N.C.
STATE: N.C. ZIP: 28036
PHONE: 704-756-8779
ALTERNATE PHONE: 704-896-9853

JOB LOCATION INFORMATION
TAX/PARCEL #: 003-031-17
STREET ADDRESS: 2515 Grey Rd
CITY: Davidson
STATE: NC ZIP:
SUBDIVISION OR MOBILE HOME PARK NAME:

TOWNSHIP:

- ☐ 0-MECKLENBURG
- ☐ 1-CHARLOTTE
- ☑ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☐ 7-MINT HILL

LOT #: Built 1979

WATER SUPPLY:

- ☐ MUNICIPAL (M)
- ☐ COMMUNITY (C)
- ☑ PRIVATE WELL (P)
- ☐ SHARED WELL (S)
- ☐ OTHER 'SPRINGS' (O)

RESIDENTIAL PROPERTY TYPE:

- ☑ HOUSE (H)
- ☐ MODULAR HOME (M)
- ☐ MULTIPLE FAMILY (U)
- ☐ SINGLE MOBILE HOME (S)
- ☐ DOUBLE WIDE (D)
- ☐ OTHER (O)

NUMBER OF BEDROOMS:
NUMBER OF OCCUPANTS:

COMMERCIAL / INDUSTRIAL PROPERTY TYPE:

TYPE OF BUSINESS.
EMPLOYEES PER SHIFT
OF SHIFTS.

INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:

- ☐ BEDROOM
- ☐ BATHROOM
- ☑ KITCHEN
- ☐ DINING ROOM
- ☐ LIVING ROOM
- ☑ DEN
- ☐ GARAGE
- ☐ SUNROOM
- ☐ PORCH
- ☐ DECK
- ☐ OTHER

ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:

- ☐ DETACHED GARAGE
- ☐ DETACHED GARAGE WITH PLUMBING
- ☐ POOL HOUSE
- ☐ SHOP
- ☐ BARN
- ☐ STORAGE SHED
- ☐ DETACHED PORCH / DECK
- ☐ OTHER

"The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request

Craig M. Roseman — 7-13-06
Owner's/Agent's Signature — Date

"The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted y this Department.
- This permit is not transferable

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

Approved for use existing system for addition of Kitchen/den area.

EHS Signature — Date
Gina Buchanan, RS — 7/14/06

JUL 13 2006 9:40AM LUESA NORTH 704 432 2523

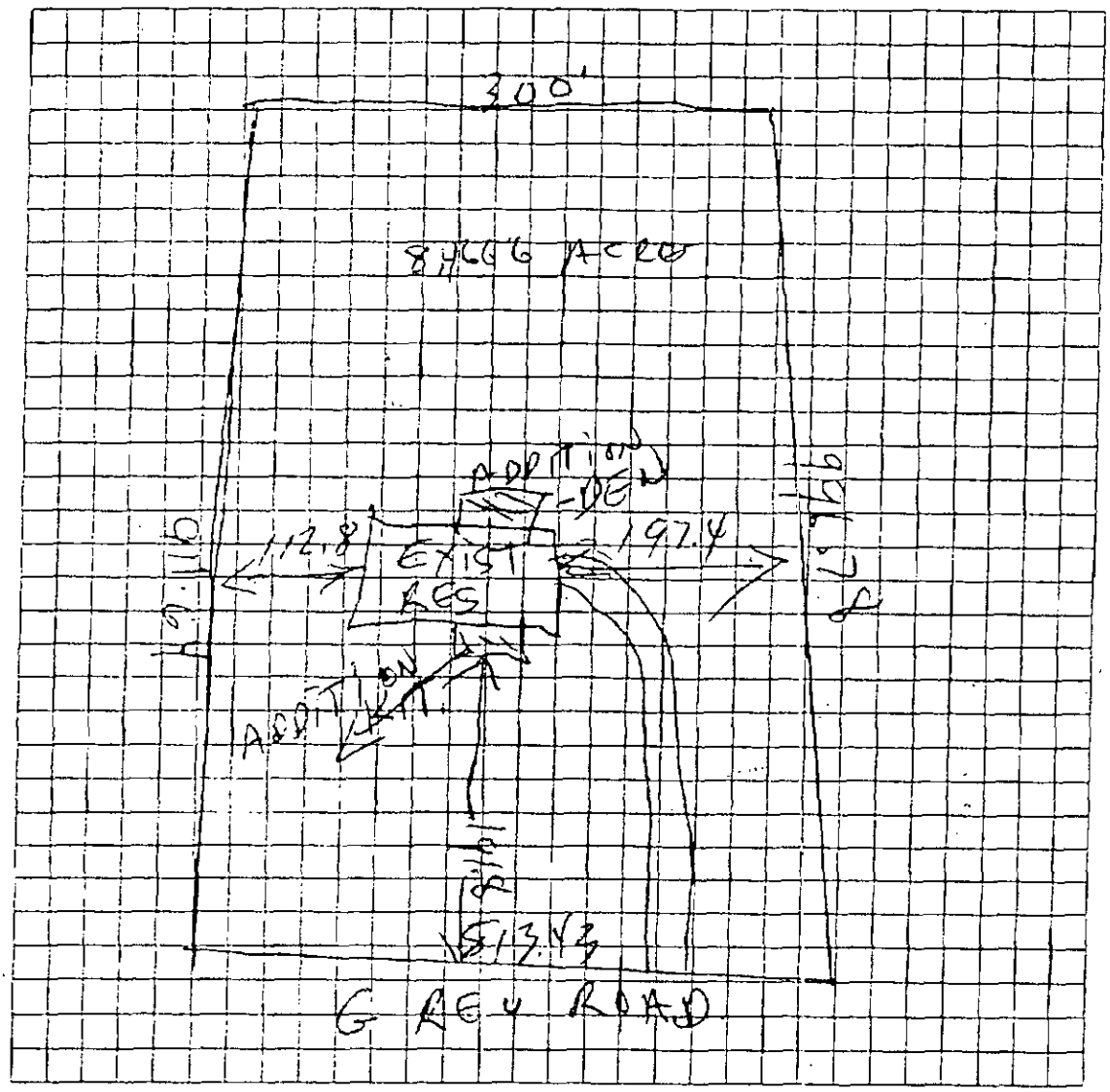
Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5163
Fax: (704) 336-6894

File # 4664B
Date_____

PROPOSED PLOT PLAN

ADDITION - NO BED ROOMS

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.



Owner/Agent Signature Craig M. Rozeman
Date 7-13-06

LBC 12/15/04

Jul 13 2006 9:40AM LUESA NORTH 704 432 2523 p.2

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/13/06	**Amount:**	100.00
Receipt #:	45032	**Tendered:**	100.00
Check / Auth #:	CHARGE	**Returned:**	0.00
Received By:	DAUGHVB		

Account Information

Account #: X31456
Contractor: C M R BUILDER INC
Attn:
Address: 21121 SHEARER ROAD
Address:
City/State/Zip: DAVIDSON, NC 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0705	MH Exc/Add/Repl w/o System Mod 2515 GREY RD		1	100.00	100.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance
100.00					

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	07/05/11	**Amount:**	550.00
Receipt #:	73408	**Tendered:**	550.00
Check / Auth #:	ECHECK 230	**Returned:**	550.00
Received By:	WILSOLL		

Account Information

Account #:	200000
Contractor:	DON BARRINGTON
Attn:	2515 GREY ROAD
Address:	
Address:	
City/State/Zip:	DAVIDSON, 28036

Item	Description	Permit#	Quantity	Unit Price	Total Price
0753	Private Well, New 2515 GRAY ROAD		1	550.00	550.00

6606 4B

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

LUESA NORTH
18335 OLD STATESVILLE RD
UNIT 101
CORNELIUS, NC 28031
704-336-7783

LUESA NORTH
00319400000801346854400

Date: 07/05/2011 12:17:39 PM

ELECTRONIC CHECK VERIFICATION

TRAN/ROUT #: 053000219
ACCOUNT #: **********8636
CHECK #: 2300
TRAN AMOUNT: $550.00
APPROVAL CD: 748539
RECORD #: 002
CLERK ID: wilsonla
TRACE #: 888244
TRAN REF: 0994349859
REFERENCE #: 02781206
TRAN ID: 461186586601045

AUTHORIZATION AGREEMENT

WHEN YOU PROVIDE A CHECK AS PAYMENT, YOU AUTHORIZE US EITHER TO USE INFORMATION FROM YOUR CHECK TO MAKE A ONE-TIME ELECTRONIC FUND TRANSFER FROM YOUR ACCOUNT OR TO PROCESS THE PAYMENT AS A CHECK TRANSACTION. FUNDS MAY BE WITHDRAWN FROM YOUR ACCOUNT AS SOON AS THE SAME DAY AND YOU WILL NOT RECEIVE THE CHECK BACK FROM YOUR FINANCIAL INSTITUTION. IF YOUR PAYMENT IS RETURNED DUE TO INSUFFICIENT FUNDS, YOU AUTHORIZE US TO MAKE A ONE-TIME ELETRONIC FUND TRANSFER FROM YOUR ACCOUNT TO COLLECT A FEE AS ALLOWED BY STATE LAW.

NC = $25

* FEE IS DOLLAR AMOUNT OR PERCENTAGE OF CHECK FACE VALUE, WHICHEVER IS GREATER. THIS INFORMATION IS NOT INTENDED TO BE LEGAL ADVICE AND IS SUBJECT TO CHANGE. FOR INQUIRIES, PLEASE CALL 800-310-6107.

X_____
(CARDHOLDER'S SIGNATURE)

Thank You

Merchant Copy