File # 17643 # 12777

MECKLENBURG COUNTY HEALTH DEPARTMENT

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
◉ ADDITION OR RENOVATION WITH NO OCCUPANCY INCREASE
○ EXCHANGE MOBILE HOME (SAME # BEDROOMS)
○ COMMERCIAL OR INDUSTRIAL

PERSON FILING APPLICATION:
NAME: RAUDEL RUSS DURAN
ADDRESS: 14707 PHILLIPS RD
CITY: MATTHEWS
STATE: NC ZIP: 28105
PHONE: 704-920-9687
ALTERNATE PHONE: 704-606-5190
E-MAIL: yaryjjr@gmail.com

PROPERTY OWNER: ☑ SAME AS PERSON FILING APPLICATION
NAME: _____
ADDRESS: _____
CITY: _____
STATE: _____ ZIP: _____
PHONE: _____
ALTERNATE PHONE: _____
E-MAIL: _____

JOB LOCATION INFORMATION
TAX PARCEL #: 21525417
STREET ADDRESS: 14707 PHILLIPS RD
CITY: MATTHEWS
STATE: NC **ZIP:** 28105

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: 3
NUMBER OF OCCUPANTS: 4

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 _____

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.

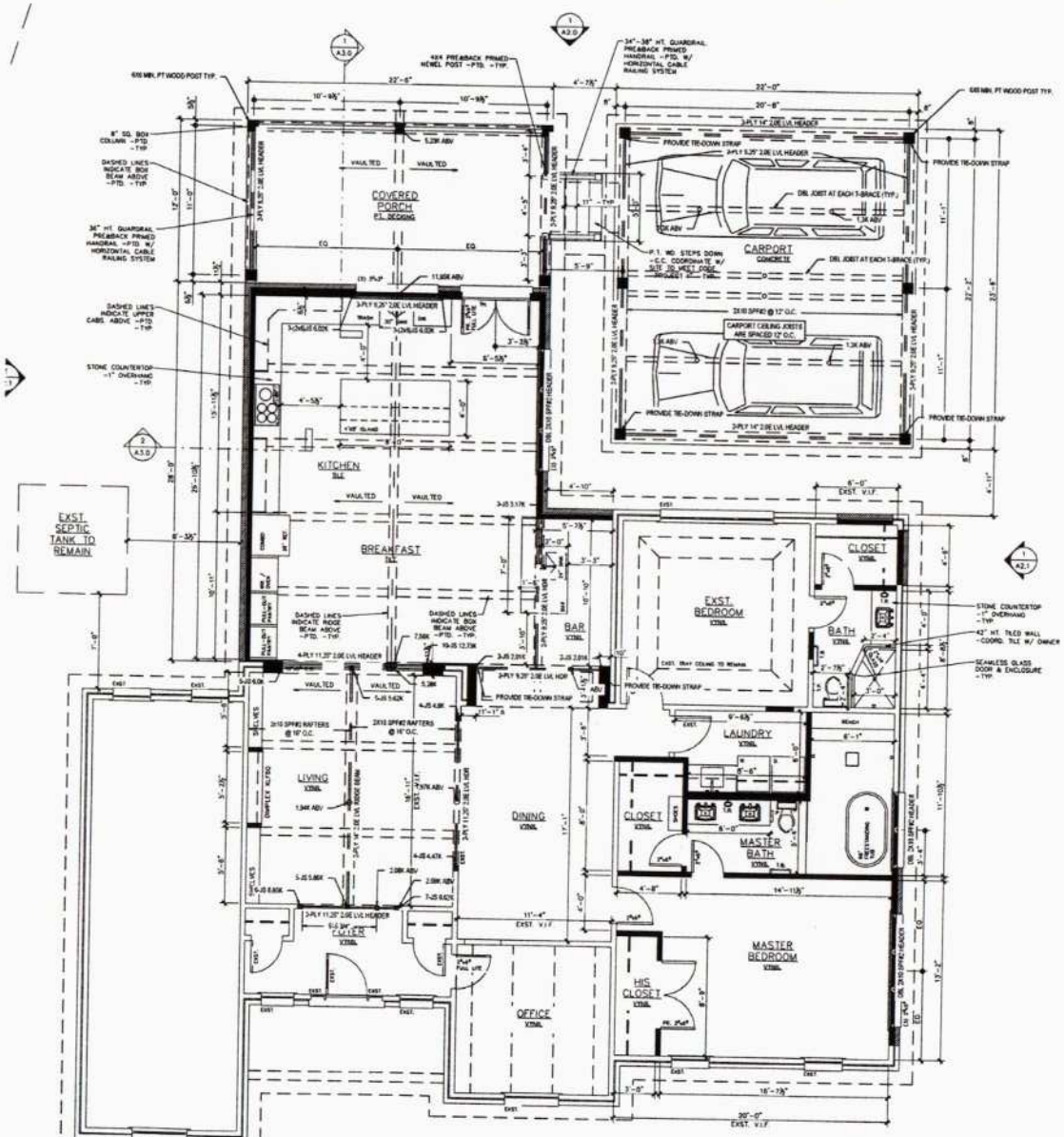
RAUDEL RUSS DURAN
Owner's/Agent's Signature

01-07-2022
Date

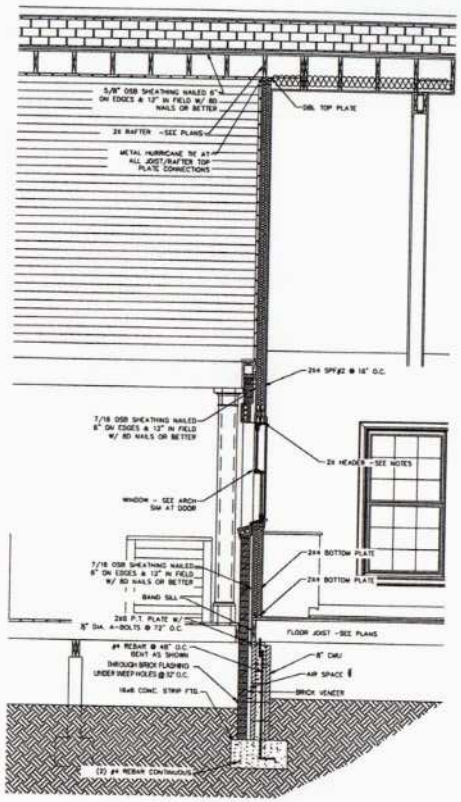
A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894

Revised on: 01/03/11



2 MAIN LEVEL FRAMING PLAN
Scale: 1/4" = 1'-0"



1 WALL SECTION
Scale: NTS

CDR + A
Structural Engineering
8611 Concord Mills Blvd.
Suite 160
Concord, NC 28027
P: (980) 224-2237
info@cdrstructural.com
www.cdrstructural.com
NC COL: # C-3298

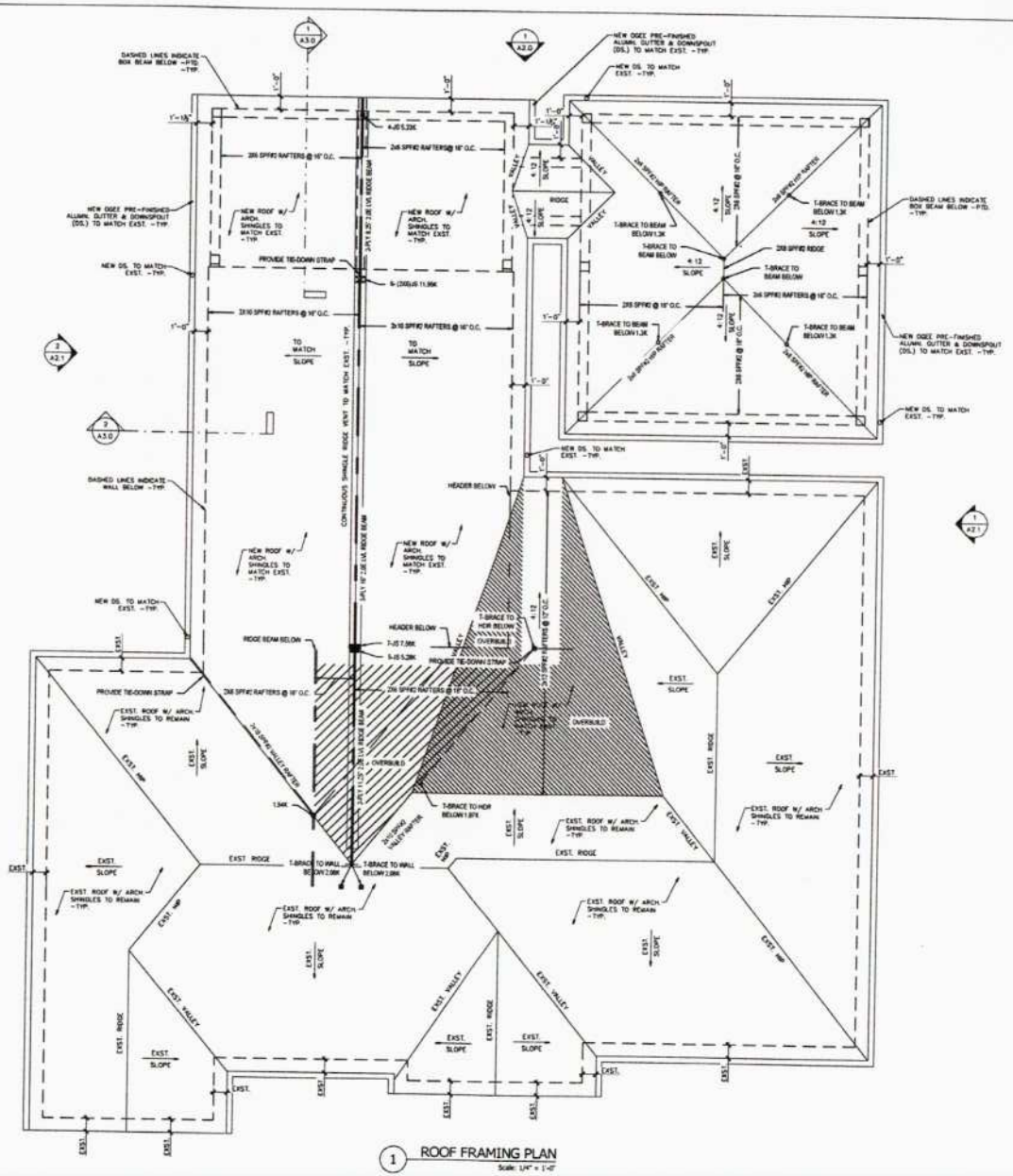
KIRA McEACHERN
DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC 28105

REVISIONS		
1		
2		
3		
4		
5		
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7		
8		
9		
10		

SHEET NAME:
MAIN LEVEL FRAMING PLAN & WALL SECTION

DATE:	09/16/2021
DRAWN BY:	BPC
CHECKED BY:	CDR
PROJECT NO.:	210666
SHEET NUMBER:	S-102

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CDR + A
Structural Engineering
8611 Concord Mills Blvd.
Suite 160
Concord, NC 28027
P: (980) 224-2237
info@cdrstructural.com
www.cdrstructural.com
NC COL: # C-3298

NORTH CAROLINA CERTIFICATE OF AUTHORIZATION CDR & ASSOC. INC. No. C-3298

NORTH CAROLINA SEAL 032094 ENGINEER CLINTON ROBERT DUNN

KIRA McEACHERN

DURAN-SANCHEZ RESIDENCE

14707 PHILLIPS ROAD
MATTHEWS, NC 28105

REVISIONS	
1	
2	
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8	
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10	

SHEET NAME:
ROOF FRAMING PLAN

DATE:	09/16/2021
DRAWN BY:	BPC
CHECKED BY:	CDR
PROJECT NO.:	210666
SHEET NUMBER:	S-103

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DURAN-SANCHEZ RESIDENCE

14707 PHILLIPS ROAD
MATTHEWS, NORTH CAROLINA

OWNER: ..... Raudel Duran and Yarisleiky Sanchez
14707 Phillips Road
Matthews, NC 28105

DESIGNER ..... Kira McEachern
8041 Tyvola Glen Cir. Ste. 205
Charlotte, NC 28217
980 312 0289

CODE REFERENCE: ..... 2018 NC Residential Code

HEATED SQUARE FOOTAGE:

EXST. NON-RENOVATED: ..... 915 SQFT
EXST. RENOVATED: ..... 662 SQFT
CONVERTED: ..... 425 SQFT
ADDITION: ..... 708 SQFT
TOTAL: ..... 2731 SQFT

UNHEATED SQUARE FOOTAGE:

COVERED PORCH: ..... 264 SQFT
CARPORT: ..... 484 SQFT

KIRA
Mc EACHERN
RESIDENTIAL DESIGNS

LEGEND:

ARCHITECTURAL

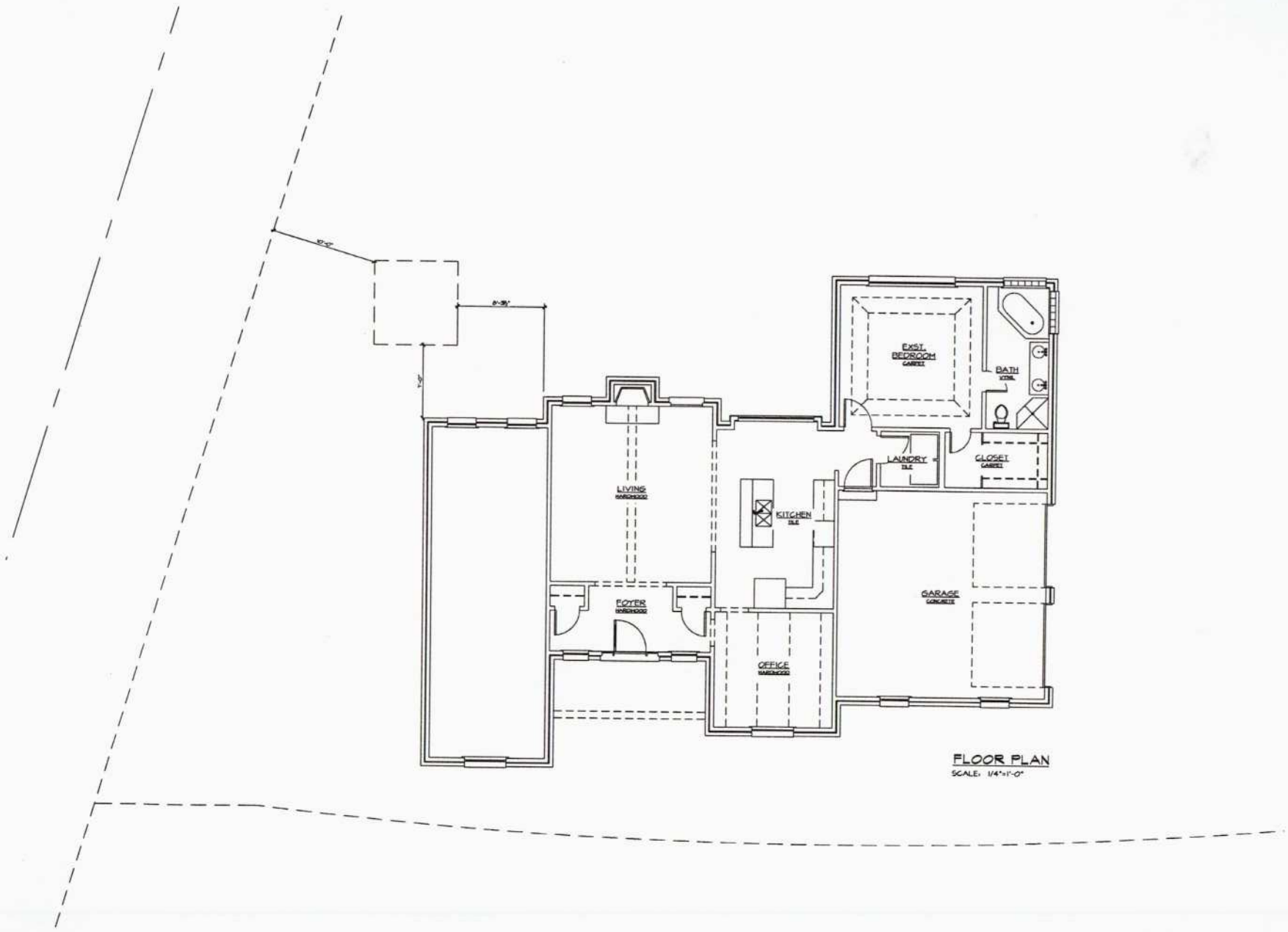
A-0	PROJECT INFORMATION
AB-1.0	AS-BUILT FLOOR PLAN
AB-2.0	AS-BUILT ELEVATIONS
A-1.0	FLOOR PLAN
A-1.1	ROOF PLAN
A-2.0	EXTERIOR ELEVATION
A-2.1	EXTERIOR ELEVATIONS
A-3.0	WALL SECTION
A-4.0	INTERIOR ELEVATIONS
A-4.1	INTERIOR ELEVATIONS
E-1.0	ELECTRICAL PLAN

STRUCTURAL

S-101	STRUCTURAL NOTES & PLANS
S-102	MAIN LEVEL FRAMING PLAN & WALL SECTION
S-103	ROOF FRAMING PLAN

Charlotte - NC
Tel. 980.312.0289 - kiramceachern@gmail.com

A-0



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

KIRA
McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28278
Phone: 980 312 0260

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

DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC

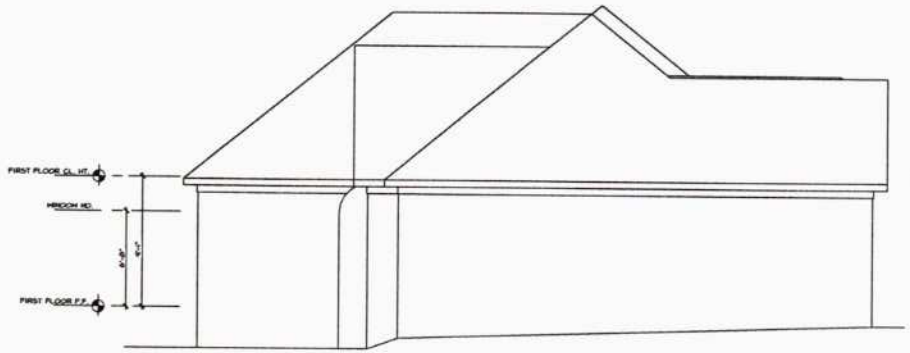
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07/06/2021	SCHEMATICS
08/01/2021	OWNER REVIEW
09/13/2021	PERMIT

REVISION DATE	DESCRIPTION
11/05/2021	⚠ REVISION #1

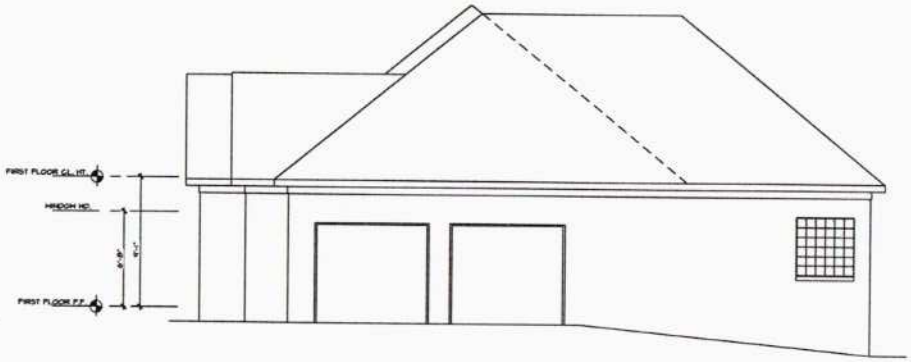
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SHEET TITLE:
AS-BUILT
FLOOR PLAN

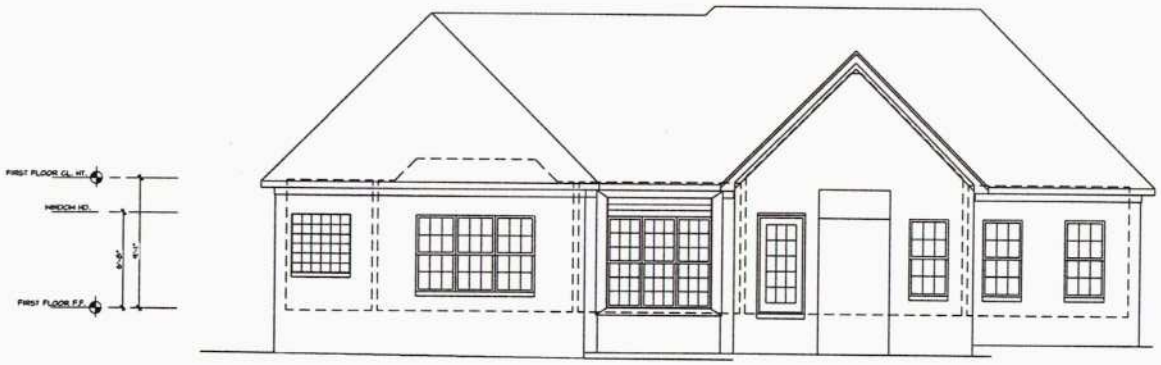
AB-1.0



LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"



RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"



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

KIRA
McEACHERN
RESIDENTIAL DESIGNS

Charlotte, N.C. 28276
Phone 980.312.0385

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

DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC

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08/01/2021	OWNER REVIEW
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SHEET TITLE:
AS-BUILT ELEVATIONS

AB-2.0

LEGEND

- BRICK VENEER
- STUD FRAMED WALL
- STUD WALL W/ 3" SOUND INSULATION
- TH. MARBLE THRESHOLDS @ BATH DOORS ALUM. THRESHOLDS @ EXTERIOR DOORS
- (T) TEMPERED GLASS WINDOW
- (E) EGRESS WINDOW
- 3'-0" x 5'-0" WINDOW/DOOR SIZES
- C.O. CASED OPENING
- H.B. HOSE BIB
- C.J. CONCRETE JOINTS W/ SEALANT
- T.B. TOWEL BAR, PROVIDE BLOCKING
- T.P. TOILET PAPER, PROVIDE BLOCKING
- T.R. TOWEL RING, PROVIDE BLOCKING
- F.D. FLOOR DRAIN
- D SHOWER HEAD
- WALL SECTION
- ELEVATION
- DIMENSION FACE TO FACE
- DIMENSION TO CENTERLINE

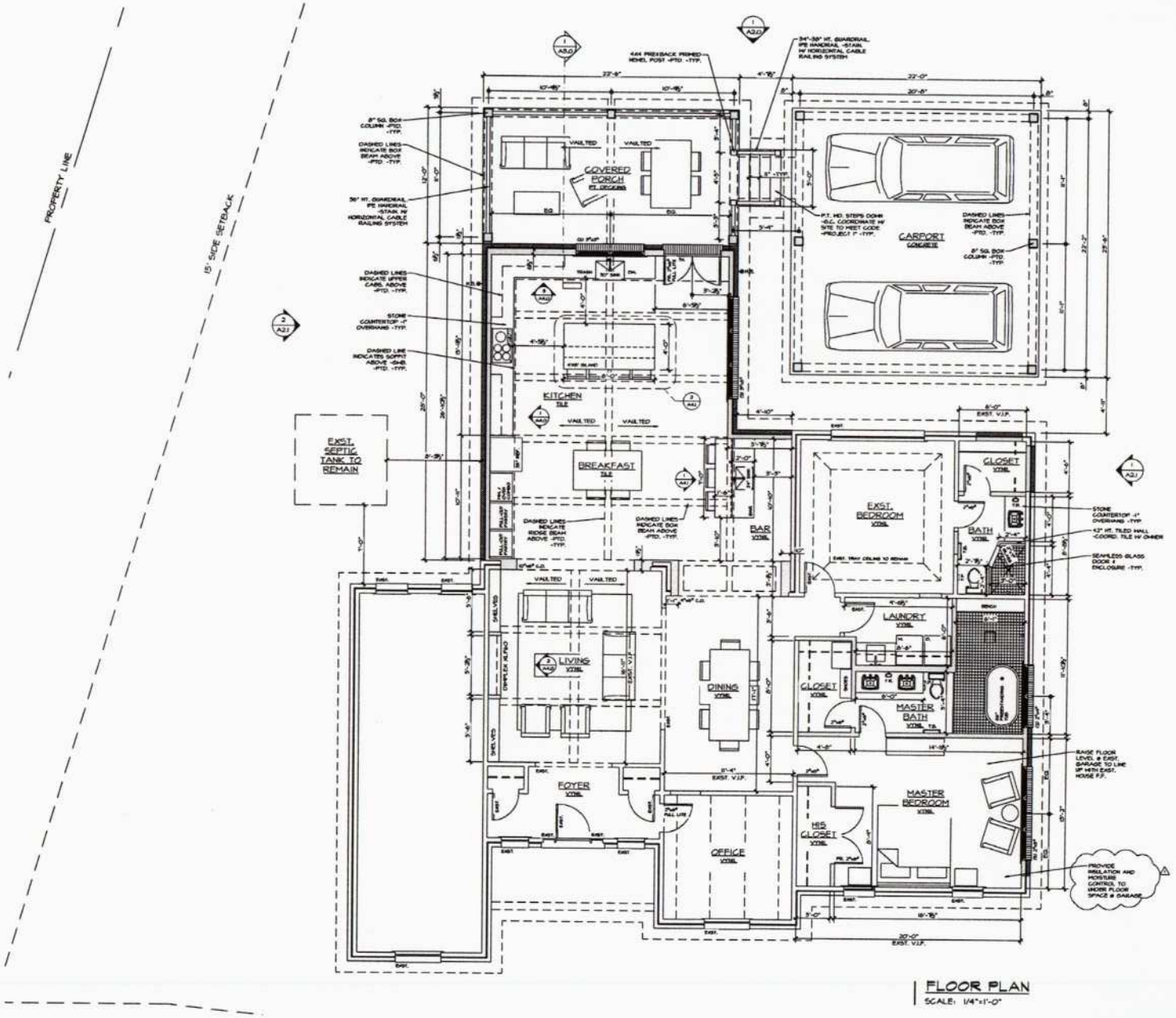
GENERAL NOTES:

-ALL INTERIOR FRAMED WALLS ARE DIMENSIONED TO FACE OF GWB. -4½" TYP.

-ALL NEW EXTERIOR WALLS DIMENSIONED FROM FACE OF GWB. TO FACE OF SHEATHING -4½" TYP.

-ALL NEW DOORS & WINDOWS TO BE LOCATED 6" MIN. FROM CLOSEST WALL -COORD. W/ DESIGNER IF AN EXCEPTION OCCURS.

-CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS. CONTACT DESIGNER IF THERE ARE DISCREPANCIES.



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

KIRA McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N. C. 28278
Phone: 980.312.0385

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

DURAN-SANCHEZ RESIDENCE

14107 PHILLIPS ROAD
MATTHEWS, NC

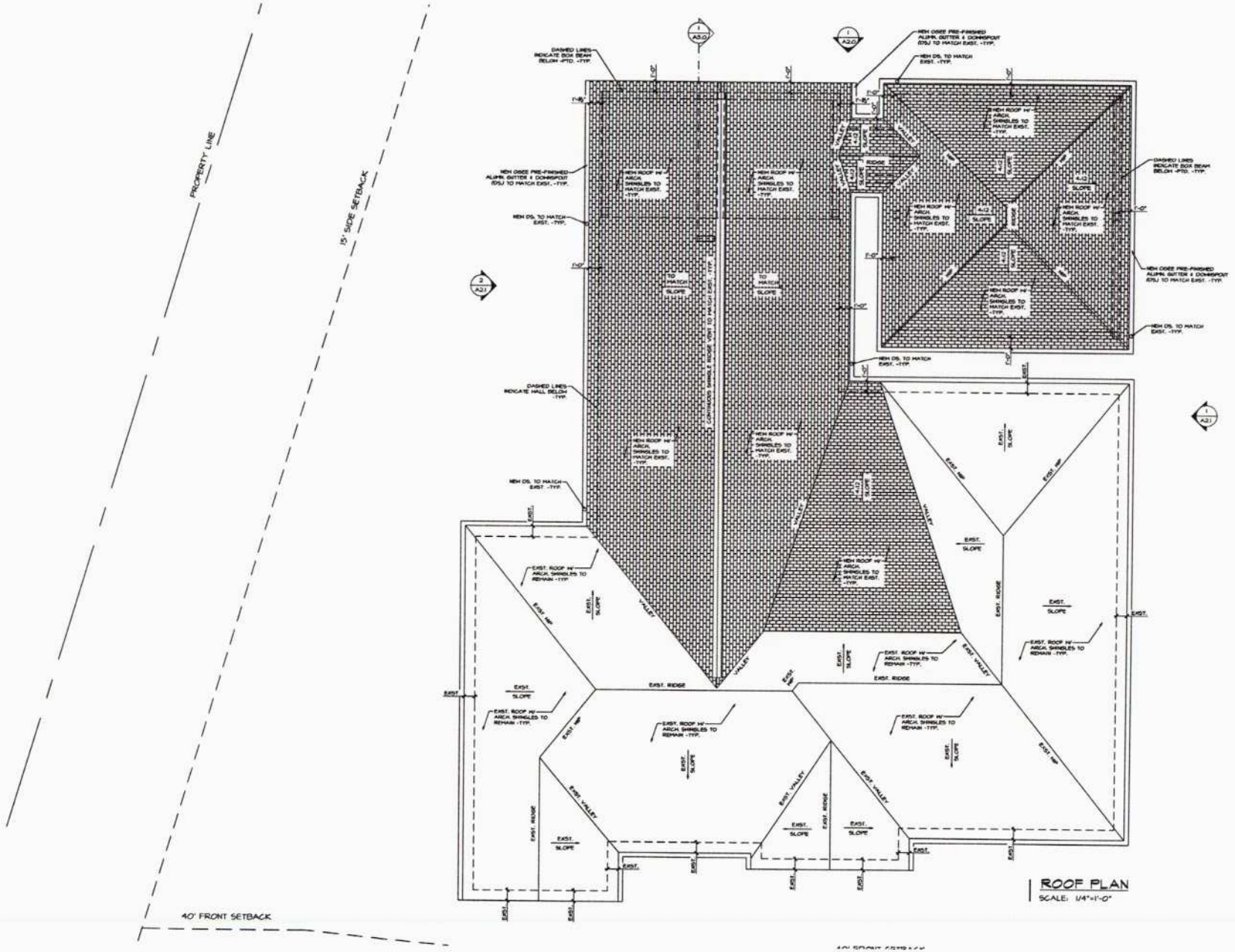
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SHEET TITLE:
FLOOR PLAN

A-1.0



KIRA McEACHERN
RESIDENTIAL DESIGNS

Charlotte, N.C. 28270
Phone: 980.312.0269

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

DURAN-SANCHEZ RESIDENCE

14107 PHILLIPS ROAD
MATTHEWS, NC

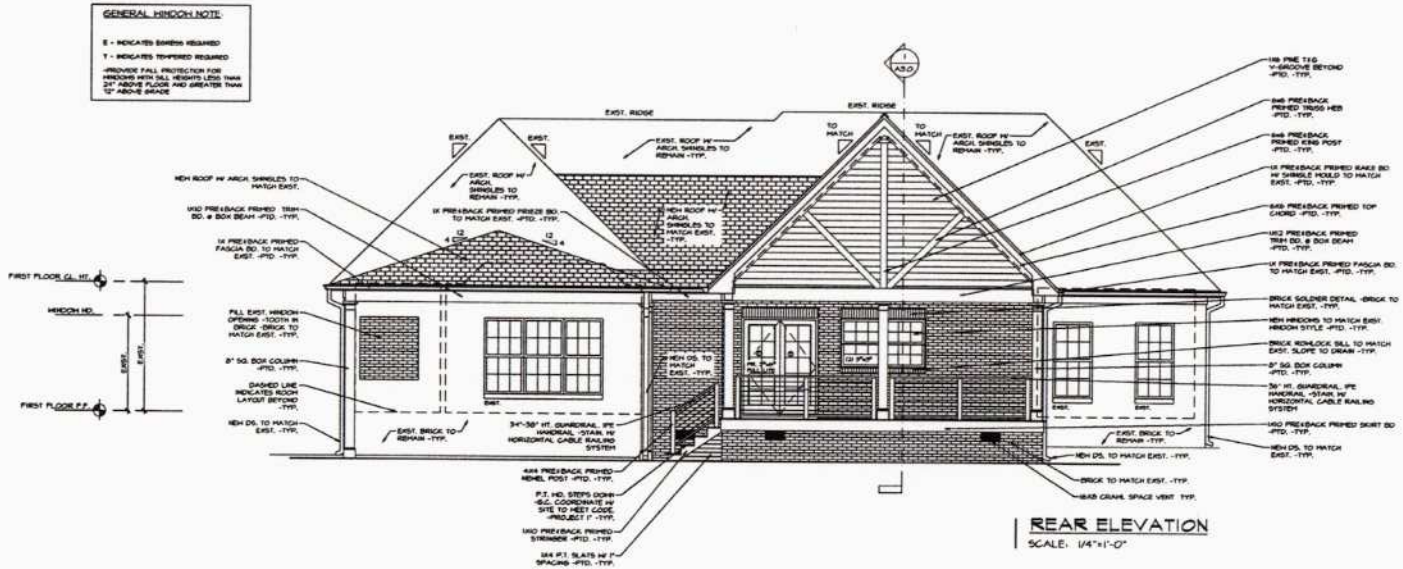
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SHEET TITLE:
ROOF PLAN

A-1.1



REAR ELEVATION

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

KIRA McEACHERN
RESIDENTIAL DESIGNS

Charlotte, N.C. 28278
Phone: 980.312.0258

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

DURAN-SANCHEZ RESIDENCE

14107 PHILLIPS ROAD
MATTHEWS, NC

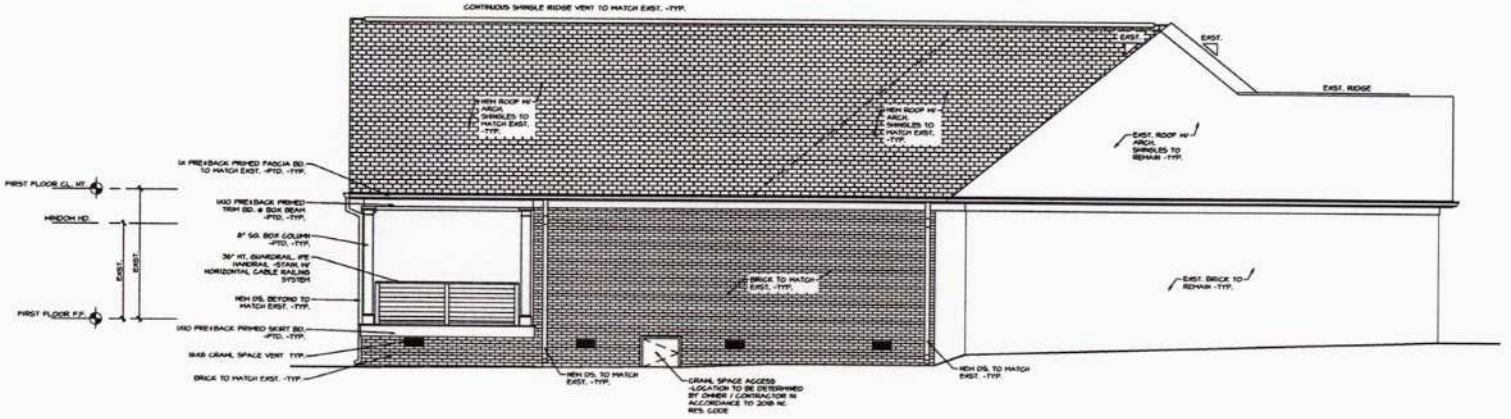
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SHEET TITLE:
EXTERIOR ELEVATION

A-2.0



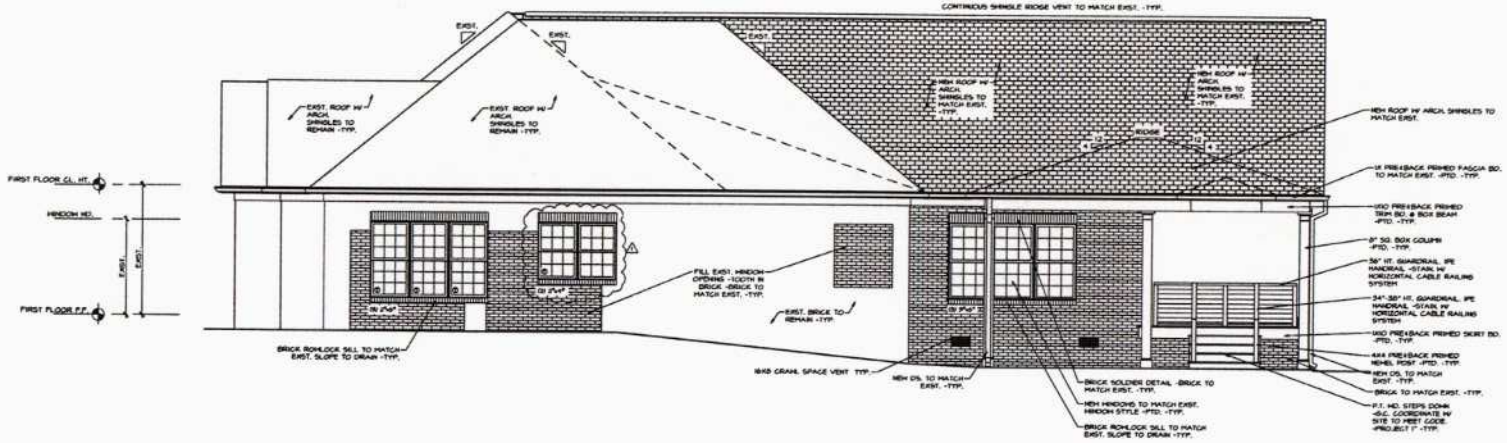
2 LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"

GENERAL WINDOW NOTE:

E - INDICATES EGRESS REQUIRED

T - INDICATES TEMPERED REQUIRED

-PROVIDE FALL PROTECTION FOR WINDOWS WITH SILL HEIGHTS LESS THAN 24" ABOVE FLOOR AND GREATER THAN 72" ABOVE GRADE



RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"

KIRA McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28079
Phone: 980.312.0283

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

DURAN-SANCHEZ RESIDENCE
14107 PHILLIPS ROAD
MATTHEWS, NC

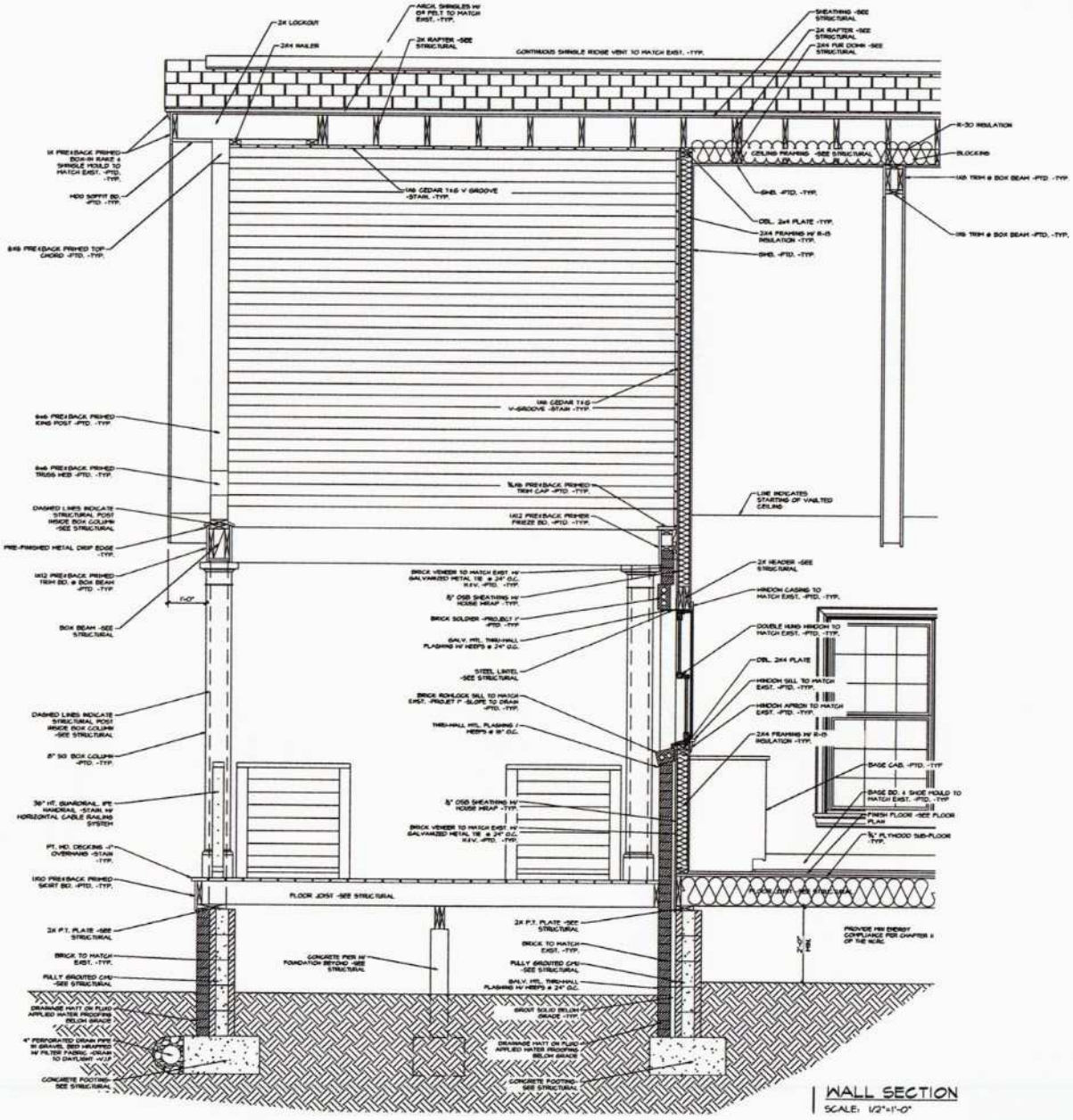
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SHEET TITLE:
EXTERIOR ELEVATIONS

A-2.0



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

KIRA McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28278
Phone 980 312 0288

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

DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC

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SHEET TITLE:
WALL SECTION

A-3.0

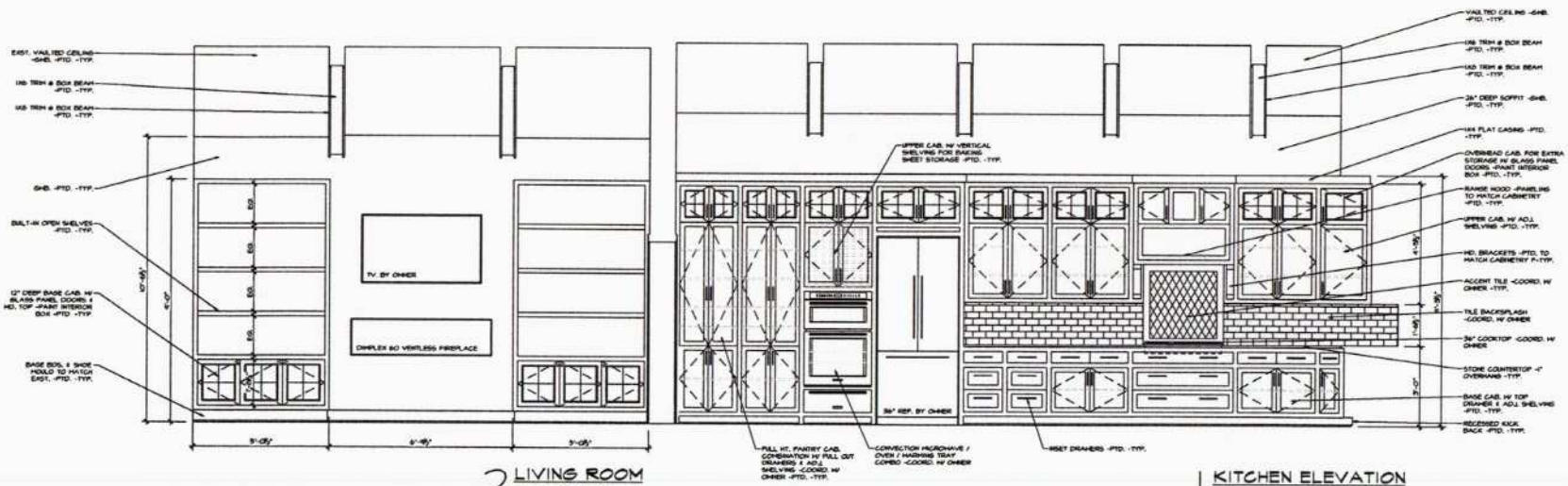
KIRA
McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28278
Phone 980.312.0280

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

DURAN-SANCHEZ RESIDENCE
14107 PHILLIPS ROAD
MATTHEWS, NC



3 KITCHEN ELEVATION
SCALE: 1/2"=1'-0"



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

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

ISSUE:

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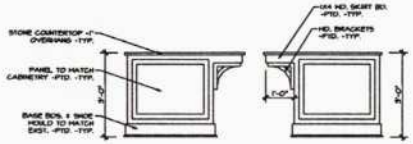
REVISION

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SHEET TITLE:
INTERIOR ELEVATIONS

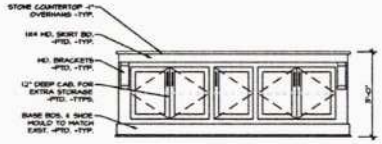
A-4.0



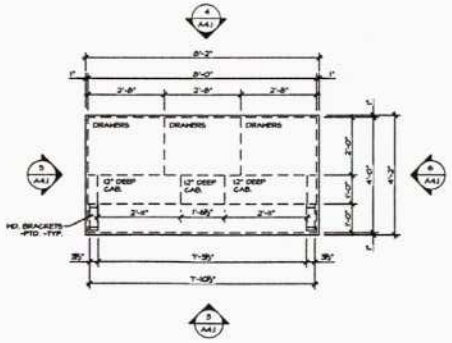
5&6 ISLAND ELEVATION
SCALE: 1/2"=1'-0"



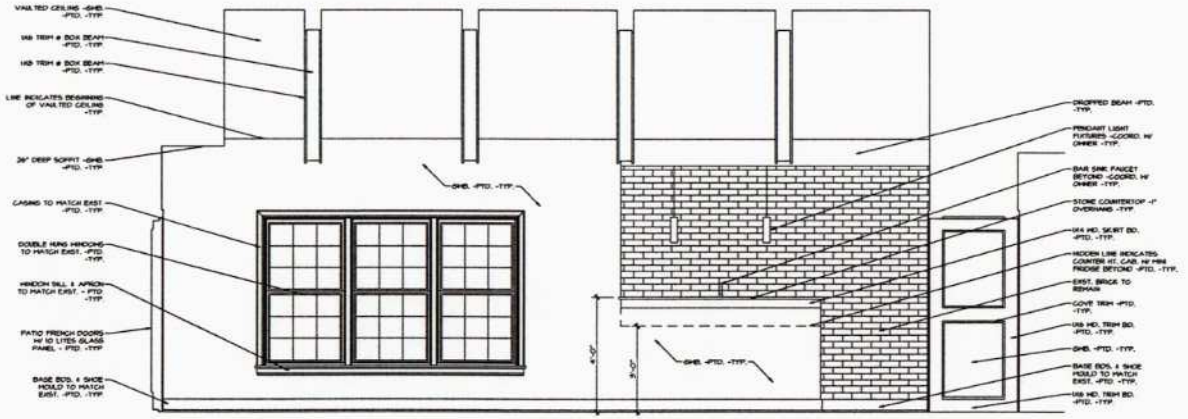
4 ISLAND ELEVATION
SCALE: 1/2"=1'-0"



3 ISLAND ELEVATION
SCALE: 1/2"=1'-0"



2 ENLARGED ISLAND PLAN
SCALE: 1/2"=1'-0"



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

KIRA McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28278
Phone 980 312 0260

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

DURAN-SANCHEZ RESIDENCE
14107 PHILLIPS ROAD
MATTHEWS, NC

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11/05/2021	⚠ REVISION #1

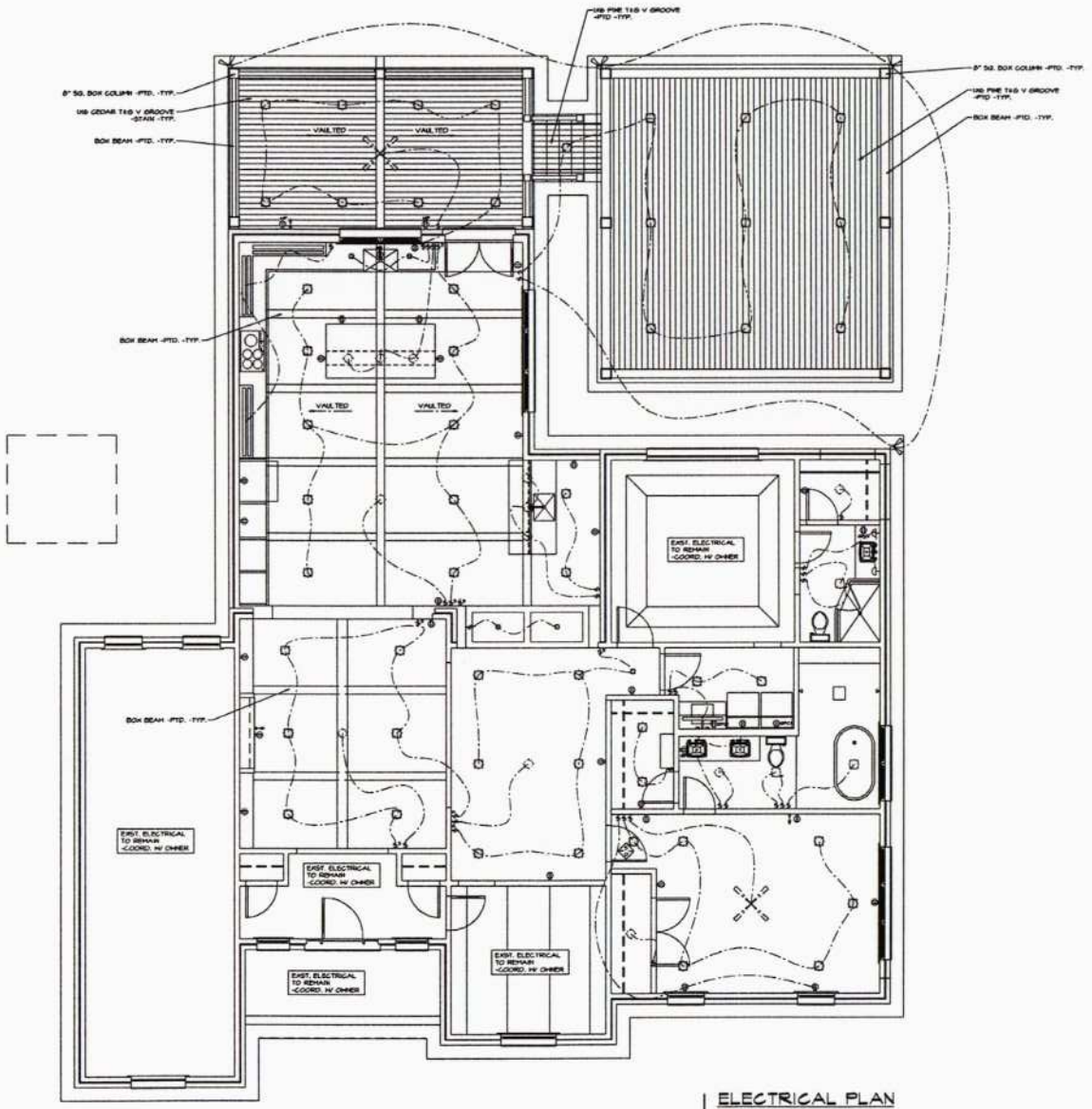
THESE DOCUMENTS AND THE DESIGN CONTAINED THEREIN ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE DESIGNER SHALL RETAIN ALL COMMON LAW STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT. THEY SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART FOR ANY PURPOSE WHATSOEVER WITHOUT THE PRIOR WRITTEN CONSENT OF THE DESIGNER. VISUAL CONTACT WITH THESE DOCUMENTS CONSTITUTES ACCEPTANCE OF THESE RESTRICTIONS.

SHEET TITLE:
INTERIOR ELEVATIONS

A-4.1

ELECTRICAL LEGEND

- DUPLEX OUTLET (NOV) MTD. HORZ. IN BASEBOARD OR 8" ABOVE COUNTER U.N.O.
- DUPLEX OUTLET (NOV) MTD. SWITCH ACTIVATED
- DUPLEX OUTLET (NOV) ON 6Pt CIRCUIT MTD. 12" APF OR 8" ABOVE COUNTER
- DUPLEX WATERPROOF OUTLET (NOV)
- FLOOR OUTLET (VERIFY LOCATION W/ OWNER)
- SURFACE MTD. LIGHT FIXTURE.
- 4" RECESSED MTD. LIGHT FIXTURE.
- XENON RECESSED MTD. LIGHT FIXTURE
- 6" RECESSED MTD. LIGHT FIXTURE.
- WALL SWITCH LOCATED 48" APF.
- THREE WAY WALL SWITCH LOCATED 48" APF.
- DIMMER WALL SWITCH LOCATED 48" APF.
- ICE MAKER MTD. 30" APF.
- TELEPHONE OUTLET MTD. 12" APF OR 12" ABOVE COUNTER
- CABLE OUTLET MTD. 12" APF.
- DOOR BELL. PROVIDE 12V POWER.
- CEILING FAN W/LIGHT
- CEILING FAN
- SOFFIT MOUNTED FLOODS
- SPEAKERS
- SMOKE DETECTOR
- FLOURESCENT LIGHTS
- WALL MOUNTED FIXTURE
- FAN
- GARAGE DOOR
- JUNCTION BOX
- CAN LIGHT W/ BUILT-IN FAN
- LANDSCAPE LIGHTS
- XENON STRIP LIGHTS
- PLUG MOULDS
- ELECTRICAL PANEL
- TRACK LIGHT



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

KIRA
McEACHERN
RESIDENTIAL DESIGNS
Charlotte, N.C. 28278
Phone 980 312 0288

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

DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC

ISSUE DATE	DESCRIPTION
07/06/2021	SCHEMATICS
08/01/2021	OWNER REVIEW
09/13/2021	PERMIT

REVISION DATE	DESCRIPTION
11/05/2021	⚠ REVISION #1

THESE DRAWINGS AND THE DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF KIRA MCEACHERN RESIDENTIAL DESIGNS. ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS ARE RESERVED. THE OWNER SHALL NOT HAVE OR GRANT THE RIGHT OF THE DESIGNER'S DOCUMENTS EXCEPT IN WRITTEN AGREEMENT WITH DESIGNER.

SHEET TITLE:
ELECTRICAL PLAN

E-1.0

STRUCTURAL NOTES:
(ARCHITECTURAL SUPPLIED) ARCHITECTURAL NOTES:

1. ALL WORK SHALL CONFORM TO NC RESIDENTIAL CODE, 2018 EDITION.
2. ENGINEER'S SEAL AFFIXED ONLY TO STRUCTURAL COMPONENTS.
3. STRUCTURAL NOTES APPLY TO ALL SHEETS.
4. DESIGN SOIL BEARING CAPACITY 2000 PSF ASSUMED CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION.
5. CONCRETE SHALL HAVE A 28 DAY DESIGN COMPRESSIVE STRENGTH OF 3000 PSI.
6. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 18" BELOW FINISHED GRADE.
7. FOUNDATIONS WALLS ARE BY MASONRY WITH 4" BRICK ON 12" CONC. UNLESS NOTED OTHERWISE (UNO).
8. FRAMING LUMBER SHALL BE #2 SPF UNLESS SPECIFICALLY NOTED OTHERWISE FOR INDIVIDUAL MEMBERS (UNO).
9. LAMINATED VENEER LUMBER (BEAMS, LVL, TIMBER) SHALL HAVE THE FOLLOWING PROPERTIES, Fb = 2,250 PSI, Fv = 285 PSI, E = 2,000 KSI.
10. ALL LVLs SHALL HAVE A MULTIPLE 2X4 STUD COLUMN OF AT LEAST THE SAME WIDTH AS THE BEAM BEING SUPPORTED.
11. INSTALL A DOUBLE JOIST (D.J.) UNDER ALL WALLS PARALLEL TO FLOOR JOISTS (F.J.) OR INSTALL BLOCKING BETWEEN ADJACENT FLOOR JOISTS PERPENDICULAR TO WALL AT 10'-0" O.C.
12. EXTERIOR WALL LINE OPENING HEADERS SHALL BE 2-2X10 SPF #2, WITH ONE JACK STUD(S) AND THE KING STUD(S) (S) OF EACH END SHALL BE EQUAL TO ONE HALF OF THE INTERRUPTED STUDS OF THE WALL OPENING. UNO. INTERIOR LOAD BEARING WALL HEADERS SHALL BE 2-2X6 SPF #2 UNO. LOWER LEVELS OF A 2-STORY SHALL HAVE (2) JACK STUDS AND THE KING STUD(S) (S) OF EACH END SHALL BE EQUAL TO ONE HALF OF THE INTERRUPTED STUDS OF THE WALL OPENING.
13. TABLE R602.3(5) FOOTNOTE 3 ONE HALF OF THE STUDS INTERRUPTED BY A WALL OPENING SHALL BE PLACED IMMEDIATELY OUTSIDE THE JACK STUDS ON EACH SIDE OF THE OPENING AS KING STUDS TO RESIST WIND LOADS. VERIFY ALL OPENING HEADER JACK AND KINGS.
14. WALL STUD TYPE AND HEIGHT SHALL BE IN ACCORDANCE AT TABLE R602.3(5) W/ EXCEPTIONS OF R602.3.1(UNO).
15. THE SILL PLATE OF FOUNDATION WALLS SHALL BE ANCHORED PER 2 #5 L-F PROVIDE MIN. 1/2" ANCHOR BOLT, OF APPROVED ANCHOR, AT 6'-0" MAX SPACING AND WITHIN 12" OF EACH END OF PLATE SECTION. MIN. 7" EMBEDMENT AND MIN. 2 BOLTS PER PLATE. BOLTS SHALL BE LOCATED IN THE MIDDLE 1/3 OF THE WIDTH OF THE PLATE.
16. WHERE FLOOR FRAMING IS PARALLEL TO FOUNDATION WALLS, HORIZONTAL BRIDGING AND CROSS BRACING SHALL BE INSTALLED BETWEEN FRAMING AT 4'-0" O.C. AND SHALL EXTEND NOT LESS THAN FOUR JOISTS INTO FLOOR SYSTEM. BRACING MUST BE DESIGNED TO TRANSFER WALL LOADS TO FLOOR DIAPHRAGM.

DESIGN LOADS:

ROOF: LL = 20PSF, DL = 10PSF
CEILING W/STORAGE: LL = 20PSF, DL = 10PSF
CEILING W/OUT STORAGE: LL = 10PSF, DL = 10PSF
FLOOR, LIVING SPACE: LL = 40PSF, DL = 10PSF
FLOOR, SLEEPING SPACE: LL = 30PSF, DL = 10PSF
WIND SPEED: 115 MPH
SOIL BEARING CAPACITY: 2000 PSF (ASSUMED)

WALL BRACING:

1. BRACE WALL DESIGN PER SECTION 602.10.5, WALL BRACING BY ENGINEERING. EXTERIOR WALLS OF ALL STORIES SHALL BE SOLID SHEETED WITH 7/16" WOOD STRUCTURAL SHEATHING (OSB OR BETTER).
2. HORIZONTAL JOISTS OF ALL WALL PANELS SHALL BE BLOCKED AND NAILED AS SPECIFIED IN #3.
3. ALL EXTERIOR WALL PANELS SHALL BE FASTENED AT 6" O.C. ALONG EDGES AND AT 12" O.C. AT INTERMEDIATE SUPPORTS WITH 8d COMMON (OR EQUIVALENT) NAILS.
4. ALL BRACE WALL GB PANELS SHALL BE FASTENED AT 7" O.C. ALONG EDGES AND AT 7" O.C. AT INTERMEDIATE SUPPORTS WITH 5d NAILS OR #6 SCREWS.

R408.1 Ventilation. The under-floor space between the bottom of the floor joists and the earth under any building (except crawl spaces occupied by a basement) shall have ventilation openings through foundation walls or exterior walls. The minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m) for each 150 square feet (14 m) of under-floor space area, unless the ground surface is covered by a Class 1 vapor retarder material. Where a Class 1 vapor retarder material is used, the minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m) for each 1,500 square feet (140 m) of under-floor space. One such ventilating opening shall be within 3 feet (914 mm) of each corner of the building.

R408.2 Openings for under-floor ventilation. The minimum net area of ventilation openings shall be not less than 1 square foot (0.0929 m) for each 150 square feet (14 m) of under-floor area. One ventilation opening shall be within 3 feet (914 mm) of each corner of the building.

FOUNDATION VENTILATION CALCULATIONS:

CRAWLSPACE AREA= 640 SF

VENTILATION REQUIRED: 1 SF / 150 SF = 640 SF / 150 SF = 4.27 SF
(SF) x 12" POUND. VENT. = 0.00 SF -> 4.27 SING.85SF = 4.79 VENTS OR 5 VENTS.

VENTILATION PROVIDED: 6 VENTS > 5 VENTS - OK

FLOOR LEGEND

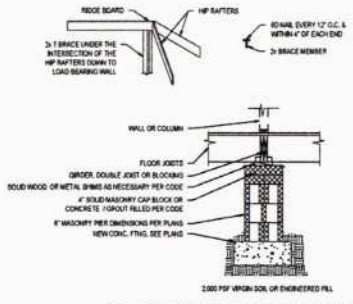
WALLS ABOVE
BEAM / HDR
POINT LOAD ON JACK STUDS/COLUMN BELOW
POINT LOAD FROM ABOVE

CEILING LEGEND

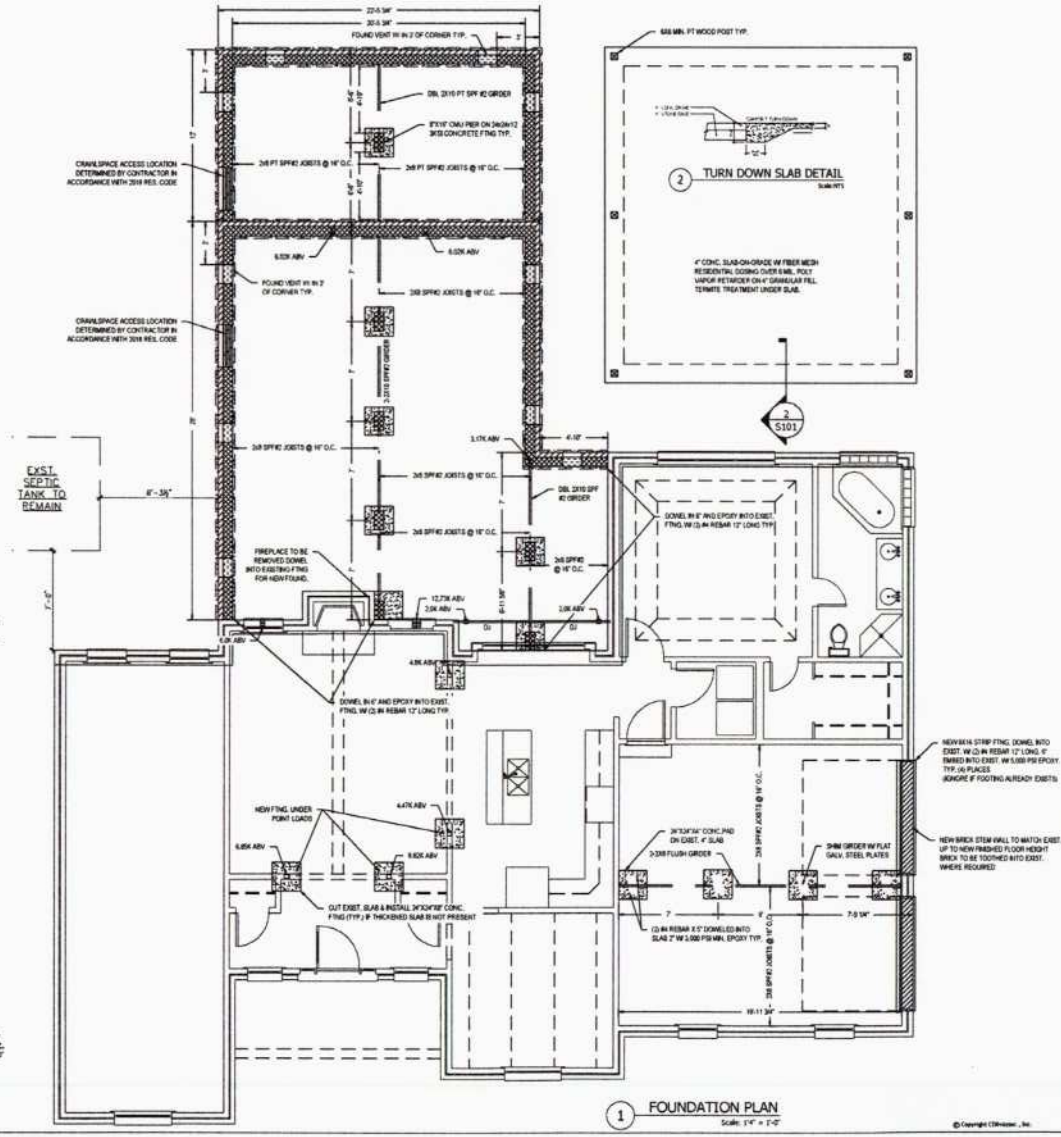
BEAM / HDR
POINT LOAD ON JACK STUDS/COLUMN BELOW
POINT LOAD FROM ABOVE

ROOF LEGEND

BEARING WALL BELOW
BEAM / HDR BELOW
T-BRACE ANGLED TO SUPPORT BELOW AS SHOWN
T-BRACE STRAIGHT DOWN TO SUPPORT BELOW



M MASONRY PIER PER SECT. R404.1
Scale: 1/2" = 1'-0"



1 FOUNDATION PLAN
Scale: 1/4" = 1'-0"

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CDR + A
Structural Engineering
8611 Concord Mills Blvd.
Suite 160
Concord, NC 28027
P: (980) 224-2237
info@cdrstructural.com
www.cdrstructural.com
NC COL: # C-3298

KIRA McEACHERN
DURAN-SANCHEZ RESIDENCE
14707 PHILLIPS ROAD
MATTHEWS, NC 28105

REVISIONS		
1	PER PLAN REV.	11/10/21
2		
3		
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SHEET NAME:
STRUCTURAL NOTES AND PLANS

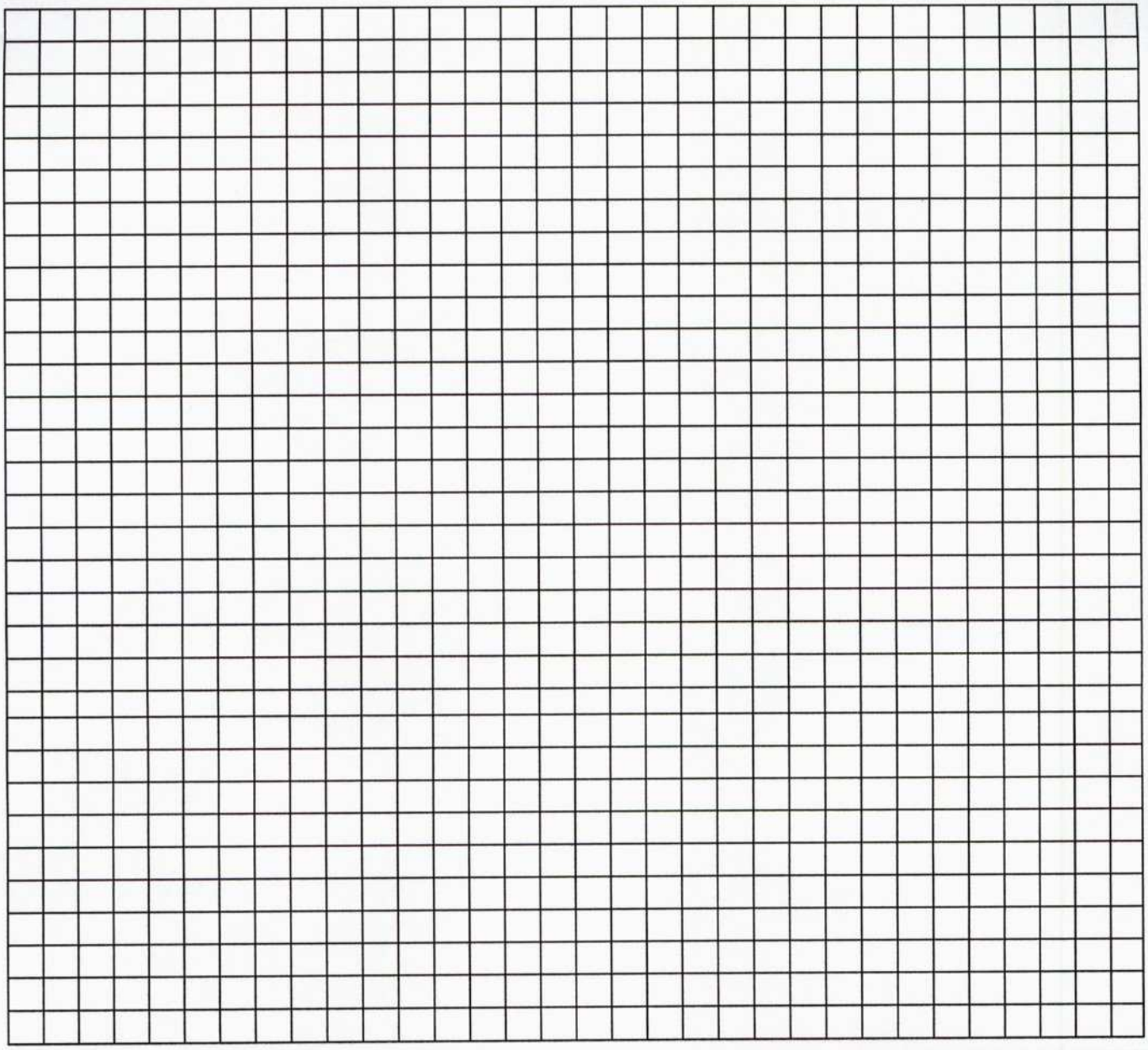
DATE:	09/16/2021
DRAWN BY:	BPC
CHECKED BY:	CDR
PROJECT NO.:	210666
SHEET NUMBER:	S-101

File #: _____

PROPOSED PLOT PLAN

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: 14707 PHILLIPS RD MATTHEWS NC 2810 Tax Parcel #: 21525417



*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

_____

_____

_____ _____

REHS Signature Date

MECKLENBURG COUNTY – GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Drive, Suite 8000, Charlotte, NC 28208
OFFICE: 980-314-1680, FAX: 704-336-6894

Revised on: 01/03/11