11308B #12888

1 MAR '22 AM10:33

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: Patricia E. Benfield
ADDRESS: 11027 Windy Grove Rd
CITY: Charlotte
STATE: NC ZIP: 28278
PHONE: 704-756-1680
ALTERNATE PHONE: n/a
E-MAIL: benfieldpat2@gmail.com

PROPERTY OWNER: ☐ SAME AS PERSON FILING APPLICATION
NAME: Pamela B. Parrott
ADDRESS: 11027 Windy Grove Rd
CITY: Charlotte
STATE: NC ZIP: 28278
PHONE: 704-324-6787
ALTERNATE PHONE: _____
E-MAIL: _____

JOB LOCATION INFORMATION
TAX PARCEL #: 11325109
STREET ADDRESS: 11027 Windy Grove Rd
CITY: Charlotte
STATE: NC ZIP: 28278

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: 2
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 _____

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.

Pamela B Parrott — Owner's/Agent's Signature
3/25/2022 — Date

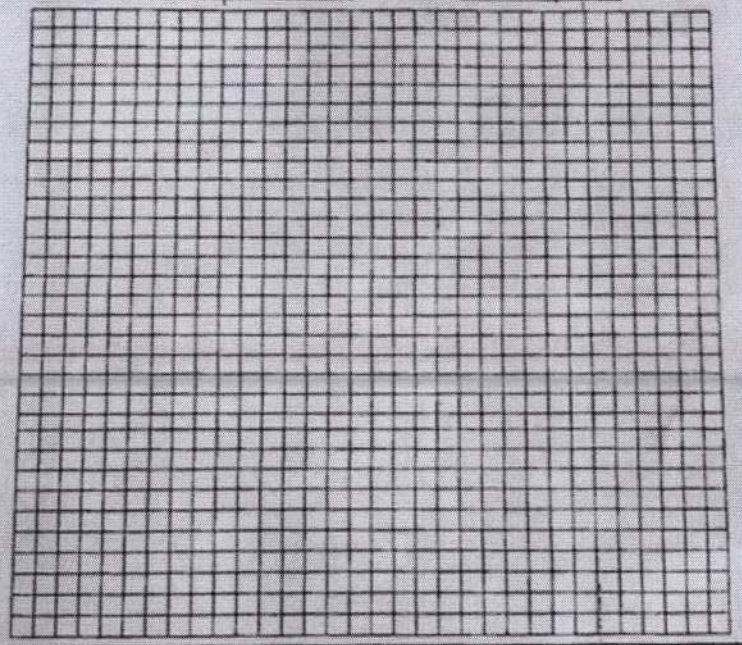
A PROPOSED PLOT PLAN (see page 2) is required to be submitted with each application.

File # _____

PROPOSED PLOT PLAN

A drawing showing the locations of the following items is required: existing and proposed property lines with dimensions, easements or rights-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: 11237 Windy Grove Rd Tax Parcel #: 1153 5109



"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.
- Addition/Renovation approval valid 1 year from issuance date
- Mobile home exchange approval valid 6 months from issuance date

_____

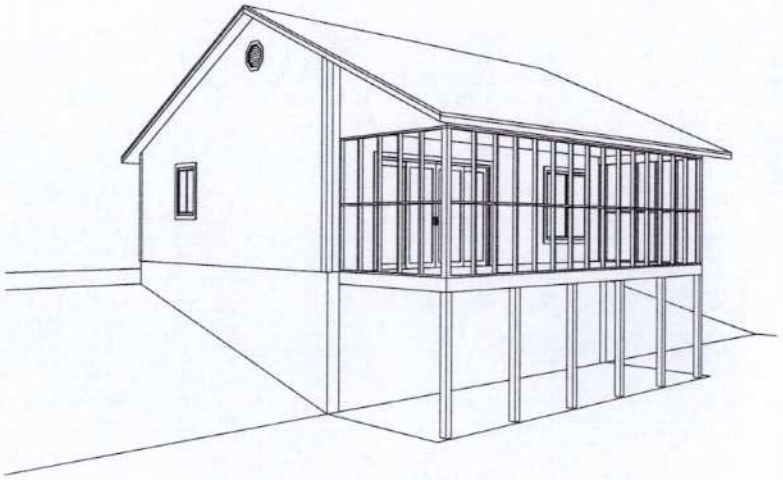
_____

REHS Signature Date

MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES
3205 Freedom Dr. Suite 6020, Charlotte, NC 28208 OFFICE: (980) 314-1650, FAX: 704-336-5894

Revised on: 03/27/19





DETACHED HOUSE ADDITION:

LOCATED AT:
11027 Windy Grove Rd., Charlotte, NC 28278

1STORY ADDITION HOUSE :

BEDROOMS - 1

FULL BATHROOMS - 1

SCREENED PORCH

FRONT COVERED PORCH

SQUARE FOOTAGE CHART		
TOTAL HEATED	889	S.F.
FRONT COVERED PORCH	32	S.F.
REAR SCREENED PORCH	310	S.F.
TOTAL AREA UNDER ROOF	1231	S.F.

DESIGN CRITERIA:

AREA ZIP CODE - 28278

SEISMIC ZONE - 1

WIND ZONE - 3 (200mph) Hurricane Threat Region

ROOF LOADS:
DEAD - 10 PSF
LIVE - 30 PSF

FLOOR LOADS:
DEAD - 10 PSF
LIVE - 40 PSF

DECK LOADS:
DEAD - 10 PSF
LIVE - 40 PSF

SOIL BEARING PRESSURE - 1500 PSF

INDEX OF DRAWINGS		
PAGE #	LAYOUT	NOTES
1.0	COVER SHEET	
2.0	FLOOR SPACE PLAN	
3.0	DIMENSIONED FLOOR PLAN	
4.0	FOUNDATION/FLOOR FRAMING PLAN	
5.0	ELEVATIONS	
6.0	ROOF PLAN	
7.0	ELECTRICAL PLAN	
8.0	LOCATION PLAN	

PLAN RELEASE / REVISIONS			
REV. DATE	ARCH PLAN VERSION	REVISION DESCRIPTION	DRFT

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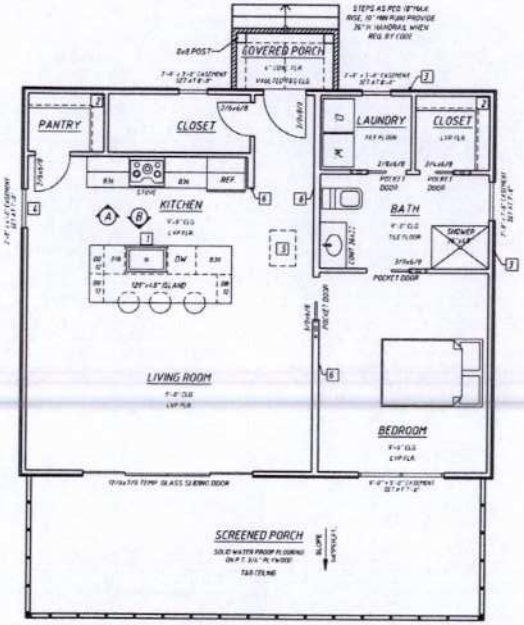
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
COVER SHEET

JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

1.0

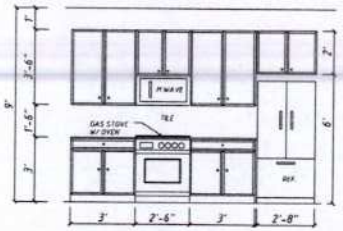


FLOOR SPACE PLAN

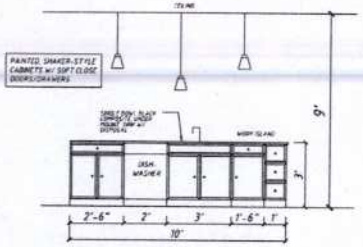
1/4" = 1'-0"

FLOOR PLAN KEYNOTES:

1. SINK W/ GARBAGE DISPOSAL
2. SHELVES (5 SHELVES)
3. AIR BARRIER (PER N1102.2.12, APPENDIX J)
4. TEMPERED SAFETY GLASS (IRC R308.4)
5. ATTIC ACCESS LARGE ENOUGH TO REMOVE LARGEST PIECE OF EQUIPMENT BUT NOT LESS 22"x30" (PER IRC M1305.1.3). FIRE RATED ACCESS LADDER. VERIFY LOCATION AND SIZE WITH RAFTERS
6. 2x6 WALL



KITCHEN (A)



KITCHEN (B)

JOB NO:	001-14.4
DATE:	11.30.2021
SCALE:	AS-NOTED

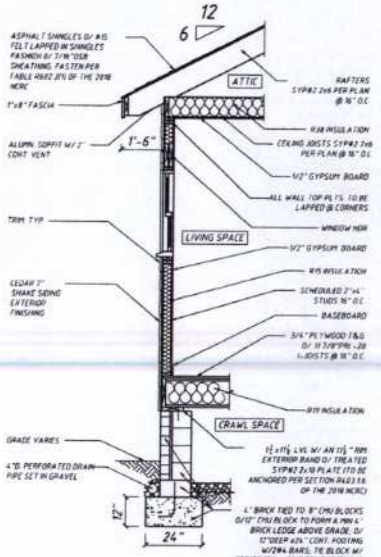
CONTENT: FLOOR SPACE PLAN

DETACHED HOUSE ADDITION

ADDRESS: 11027 Windy Grove Rd., Charlotte, NC 28278

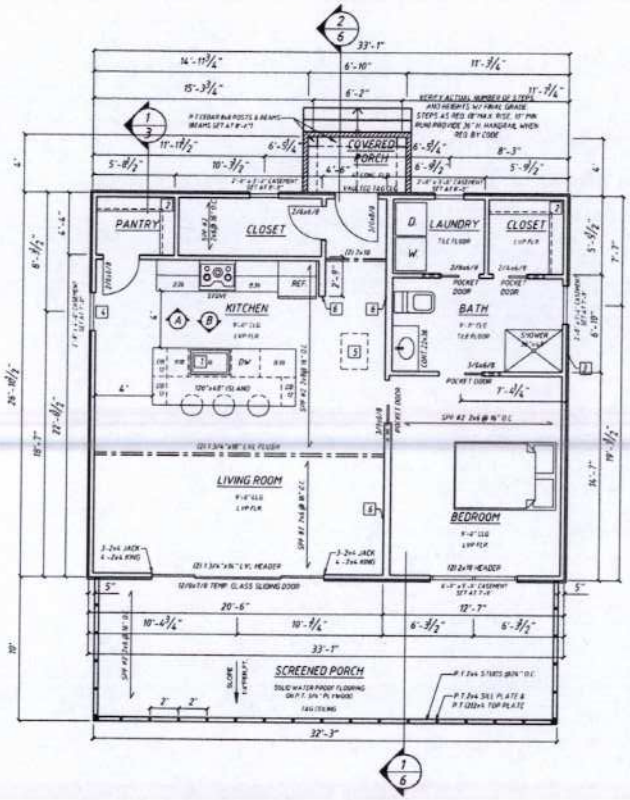
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2.0



1/3 WALL SECTION

1/2" = 1'-0"



DIMENSIONED FLOOR PLAN

1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. 2x4" EXTERIOR WALLS WERE USED IN DETERMINING DIMENSIONS ON PLANS.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
3. ALL OVERALL DIMENSIONS SHELL BE FROM OUT TO OUT OF FRAMING.
4. ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED.
5. VERIFY LOCAL CODE EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
6. WINDOW MANUFACTURER TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
7. ALL INTERIOR DOORS SHELL BE 4" FROM WALL.
8. FRAMED CAVITY WALLS SHALL BE INSULATED WITH AIR BARRIER PER ENERGY CODE. PROVIDE R15 EXT. WALLS INSULATION AND VAPOR BARRIER ON SHEATHING.
9. CLARIFY ALL DIMENSIONS ON SITE BEFORE CONSTRUCTION WORK IMPLEMENTATION.
10. WORK IMPLEMENTATION ACCORDING WITH 2018 NORTH CAROLINA RESIDENTIAL CODE (NCRC).

FLOOR PLAN KEYNOTES:

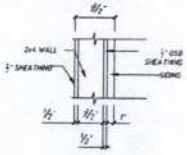
1. SINK W/ GARBAGE DISPOSAL
2. SHELVES (S. SHELVES)
3. AIR BARRIER (PER N1102.2.12, APPEND E-23)
4. TEMPERED SAFETY GLASS (IRC N308.4)
5. ATTIC ACCESS LARGE ENOUGH TO REMOVE LARGEST PIECE OF EQUIPMENT BUT NOT LESS 22"x30" (PER IRC M1305.1.3). FIRE RATED ACCESS LADDER, VERIFY LOCATION AND SIZE WITH RAFTERS.
6. 2x6 WALL

THIS PLAN DESIGNED FOR 9' NOMINAL WALL PLATE HEIGHT. WALLS FRAMED AS 2x4@ 16"O.C. UNLESS NOTED OTHERWISE

ALL FRAMING TO BE SPF#2 U.N.O. (UNLESS NOTED OTHERWISE)

COVER/BRACE EXTERIOR WALLS PER ENGINEERED DESIGN (PER SECTION R602.10.4 OF THE 2018 NCRC) AS FOLLOWS (U.N.O):
COVER EXTERIOR FACE OF WALL W/ A 7/16" OSB;
FASTEN W/ 8d NAILS
@x=6" O.C. @ EDGES (X=ON CENTER NAIL SPACING);
y=12" O.C. INTERMEDIATE SUPPORTS;
LAP ALL PLATES+SUB-FLOORS;
LAP ALL SEAMS (U.N.O.)

EXTERIOR WALLS FRAMED AS 2x4 @ 16"O.C. UNLESS NOTED OTHERWISE



2x4 WALL

W/ SIDING

SCALE: 1"=1"

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DETACHED HOUSE ADDITION

ADDRESS: 11027 Windy Grove Rd., Charlotte, NC 28278

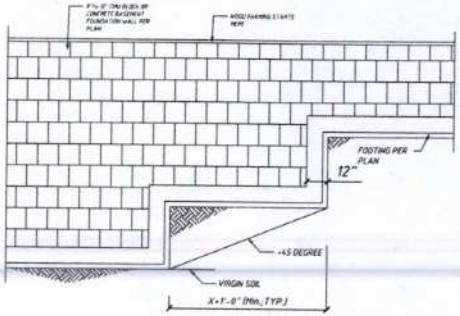
CONTENT: DIMENSIONED FLOOR PLAN

JOB NO: 001-144

DATA: 11.30.2021

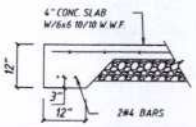
SCALE: AS-NOTED

3.0



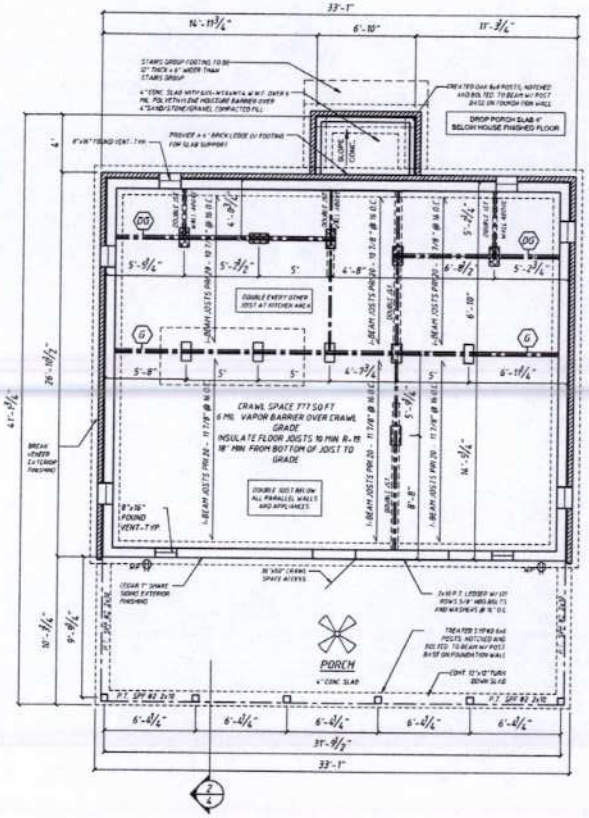
TYPICAL STEPPED FOOTING DETAIL

3/8" = 1'-0"



2/4 TURN DOWN SLAB SECTION

3/4" = 1'-0"



FOUNDATION/FLOOR FRAMING PLAN

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

FOUNDATION NOTES:

1. FOUNDATION DIMENSIONS ARE MEASURED FROM OUT TO OUT OF BRICK OR CMU BLOCKS (CONTRACTOR TO VERIFY ALL DIMENSIONS).
2. COVER GROUND SURFACE W/ A 6MM POLY VAPOR BARRIER/VAPOR PER SECTION R408.2 OF THE 2018 NCRC.
3. FLOOR FRAMING TO BE 11 7/8" PRI 20"S @ 16 O.C. (UNLESS NOTED OTHERWISE; TIE TO "G" W/ HANGERS
4. DOUBLE ALL FLOOR JOISTS AT ALL PARALLEL WALLS ABOVE (TYPICAL).
5. PROVIDE A $1\frac{3}{4}$ x$11\frac{7}{8}$ " LVL W/ AN $11\frac{7}{8}$ " RIM EXTERIOR BAND O/ TREATED SYP#2 2x10 PLATE (TO BE ANCHORED PER SECTION R403.1.6. OF THE 2018 NCRC)
6. PERIMETER FOOTING TO BE 24" WIDE BY 12" THICK W/ 2 #4 BARS CONT.
7. PROVIDE 6-MIL. POLY-VAPOR BARRIER BELOW ALL CONCRETE SLABS.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS.
9. WORK IMPLEMENTATION ACCORDING WITH 2018 NORTH CAROLINA RESIDENTIAL CODE (NCRC)

CRAWL SPACE VENTS:

1 SQ FT FOR EACH 150 SQ FT OF FLOOR AREA:
777/150= 5.18 SQ FT OF VENTILATION REQUIRED.

8"x16" FOUND. VENT= 0.89 SQ FT OF VENTED AREA
36"x48" = 12 SQ FT CRAWL SPACE VENTED ACCESS OPENING
5.18/0.89 =6 VENTS

PROVIDE A MINIMUM OF 6 VENTS W/ ONE VENT W/ IN THREE FEET OF EACH CORNER TO PROMOTE CROSS VENTILATION

(G) => 2 1 3/4x11 7/8 LVL FLUSH GIRDER

(DG) => SPF#2 3-2x10 DROPPED GIRDER; FULLY BEAR O/ TOP SURFACE OF MASONRY PIERS; BLOCK BETWEEN JOISTS O/ GIRDER. W/ 2-11 7/8 I JOISTS BLOCKING, BELLOW WALLS

=> DROPPED 8"x16" MASONRY PIER O/ 24"x32"x 10" FOOTING TO SUPPORT "DG"

=> 8"x16" MASONRY PIER O/ 24"x32"x10" FOOTING TO SUPPORT "G" + DOUBLE JOISTS

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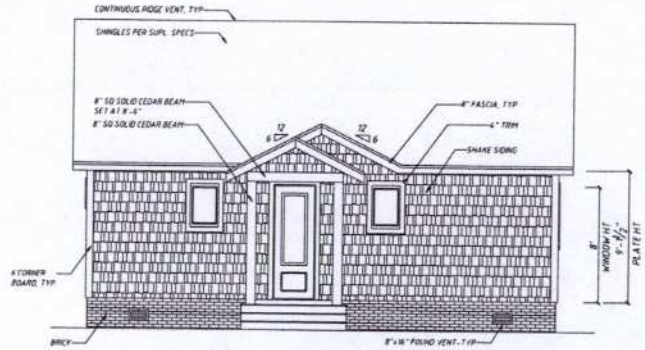
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
FOUNDATION/FLOOR FRAMING PLAN

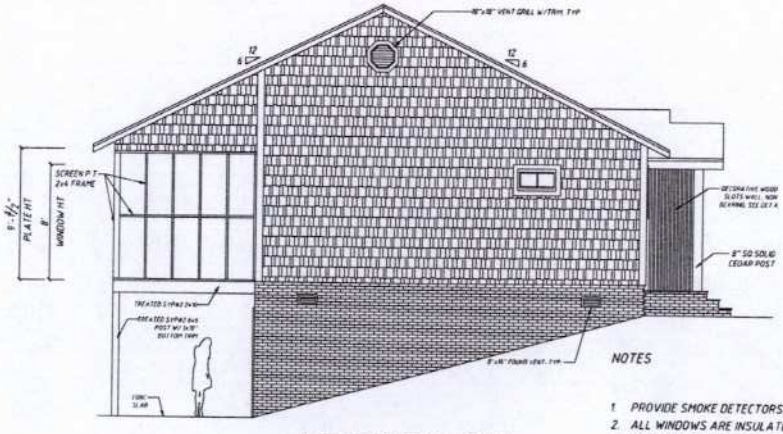
JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

4.0



FRONT ELEVATION

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



LEFT ELEVATION

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

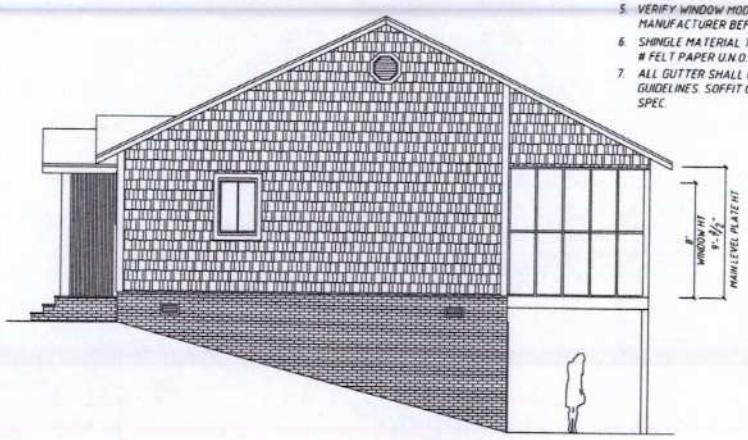
NOTES

1. PROVIDE SMOKE DETECTORS AS REQUIRED BY CODE.
2. ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED.
3. VERIFY LOCAL CODE EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
4. WINDOW MANUFACTURER TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
5. VERIFY WINDOW MODEL NUMBERS AND SIZES WITH MANUFACTURER BEFORE STARTING CONSTRUCTION.
6. SHINGLE MATERIAL TO BE COMPOSITE W/ (1) LAYER OF 15 # FELT PAPER U.N.O.
7. ALL GUTTER SHALL MATCH THE FASCIA AND PER GUIDELINES. SOFFIT OVERHANG SIZE PER COMMUNITY SPEC.



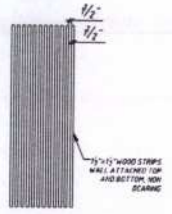
REAR ELEVATION

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



RIGHT ELEVATION

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



DECORATIVE WOOD SLOTS WALL DET.A

1/2" = 1'-0"

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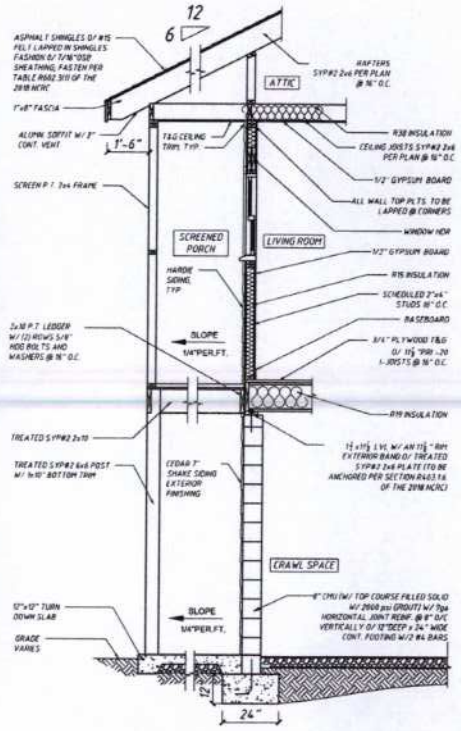
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
ELEVATIONS

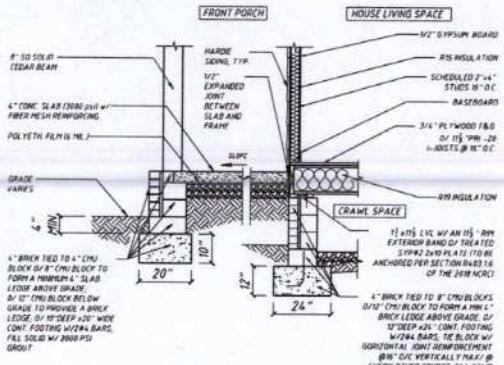
JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

5.0



1/6 WALL SECTION

1/2" = 1'-0"



2/6 WALL SECTION

1/2" = 1'-0"

ROOF PLAN NOTES:

1. ALL RAFTERS TO BE SPF #2 2x6 @ 16" O/C, U.N.O
2. ALL VALLEYS AND RIDGES TO BE SPF #2 2x10 U.N.O

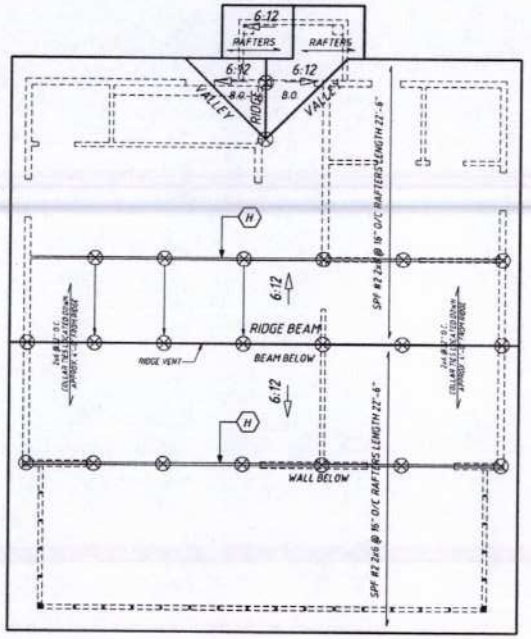
ATTIC SPACE VENTILATION CALCULATION

ROOF VENTILATION REQUIRED
850 SQ.FT x 144 x 1/300 = 408 S.I.
INLET VENTILATION SHOWN:
708 S.I. CONTINUOUS SOFFIT VENT
OUTLET VENTILATION SHOWN
630 S.I. GABLE CONT. "COR-A-VENT" (185 S.I./FT)
324 S.I. GABLE VENT SAME IN SAME OUT

ROOF FRAMING

1. RAFTERS SHALL BE SPF NO. 2 (U.O.N.)
2. ROOF SHEATHING SHALL BE AS SHOWN ON PLAN. NAILING SHALL BE PER MANUFACTURER AND CODE REQUIREMENTS.
3. COLLAR TIES SHALL BE 2x6 @ 32" O.C. MIN. (U.O.N.) AT RIDGES. PROVIDE 3 COLLAR TIES MIN. AT ANY GIVEN LOCATION AT ALL RIDGES. (U.O.N.)
4. ⊗ INDICATES VERTICAL OR ALMOST VERTICAL BRACE TO PARTITION OR BEAM BELOW
5. ⊗→ INDICATES DIRECTION OF RAFTER BRACE TO PARTITION OR BEAM BELOW
6. RAFTER BRACES ARE 3-2x4 NAILED WITH 16D NAILS AT 12" O.C. BRACES 8'-0" AND LONGER SHALL BE BRACED HORIZONTALLY IN EACH DIRECTION.

(H) => SPF #2 (2)2x6 HOG/PURLIN @ RAFTERS



ROOF PLAN

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

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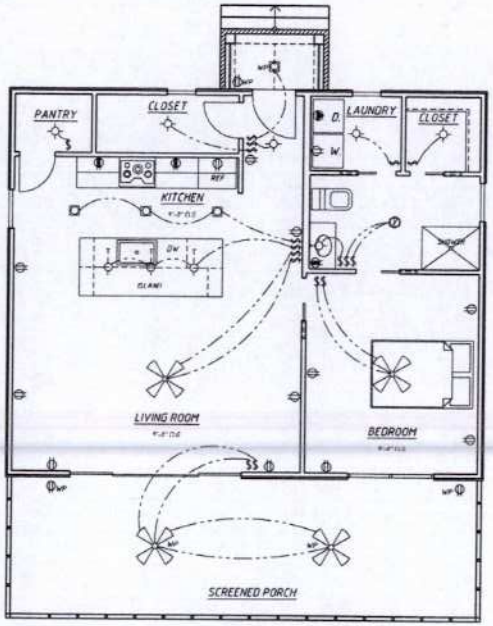
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd, Charlotte, NC 28278

CONTENT:
ROOF PLAN

JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

6.0



MAIN LEVEL ELECTRICAL PLAN

1/8" = 1'-0"

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX OUTLET (GROUNDED TYPE)
WP	WEATHER PROOF DUPLEX OUTLET
	ABOVE COUNTER LOCATION
	220 VOLT OUTLET OR CONNECTION
	CEILING MOUNTED LIGHT FIXTURE
	WALL BRACKET MOUNTED LIGHT FIXTURE
T	SUSPENDED CEILING MOUNTED LIGHT FIXTURE
	RECESSED CEILING LIGHT FIXTURE
W	RECESSED LIGHT FOR WET AREA
	CEILING MOUNTED PADDLE FAN w/ LIGHT
W	CEILING MOUNTED FAN AND LIGHT
$	WALL MOUNTED LIGHT SWITCH MOUNTED AT 3'10" A.F.F.

ELECTICAL NOTES:

1. ALL ELECTRICAL TO MEET N.E.C.
2. PROVIDE 200 AMP SINGLE PHASE SERVICE (UNDERGROUND).
3. PROVIDE ALL COPPER WIRING.
4. CONTRACTOR TO CONNECT ALL FIXTURES AND APPLIANCES.
5. CONTRACTOR TO HAVE VALID LICENSE TO DO ELECTRICAL WORK.
6. PROVIDE #5 REBAR ELECTRICAL GROUND TO FOUNDATION STEEL
7. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQ. BY NATIONAL FIRE PROTECTION ASSOC (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
8. PROVIDE ALL INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQ. BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
9. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES & RECEPTACLES AT THE FOLLOWING HEIGHTS A.F.F.

SWITCHES 42"
OUTLETS 5" OR 14" PRE CODE
TELEPHONE 14"
TELEVISION 14"

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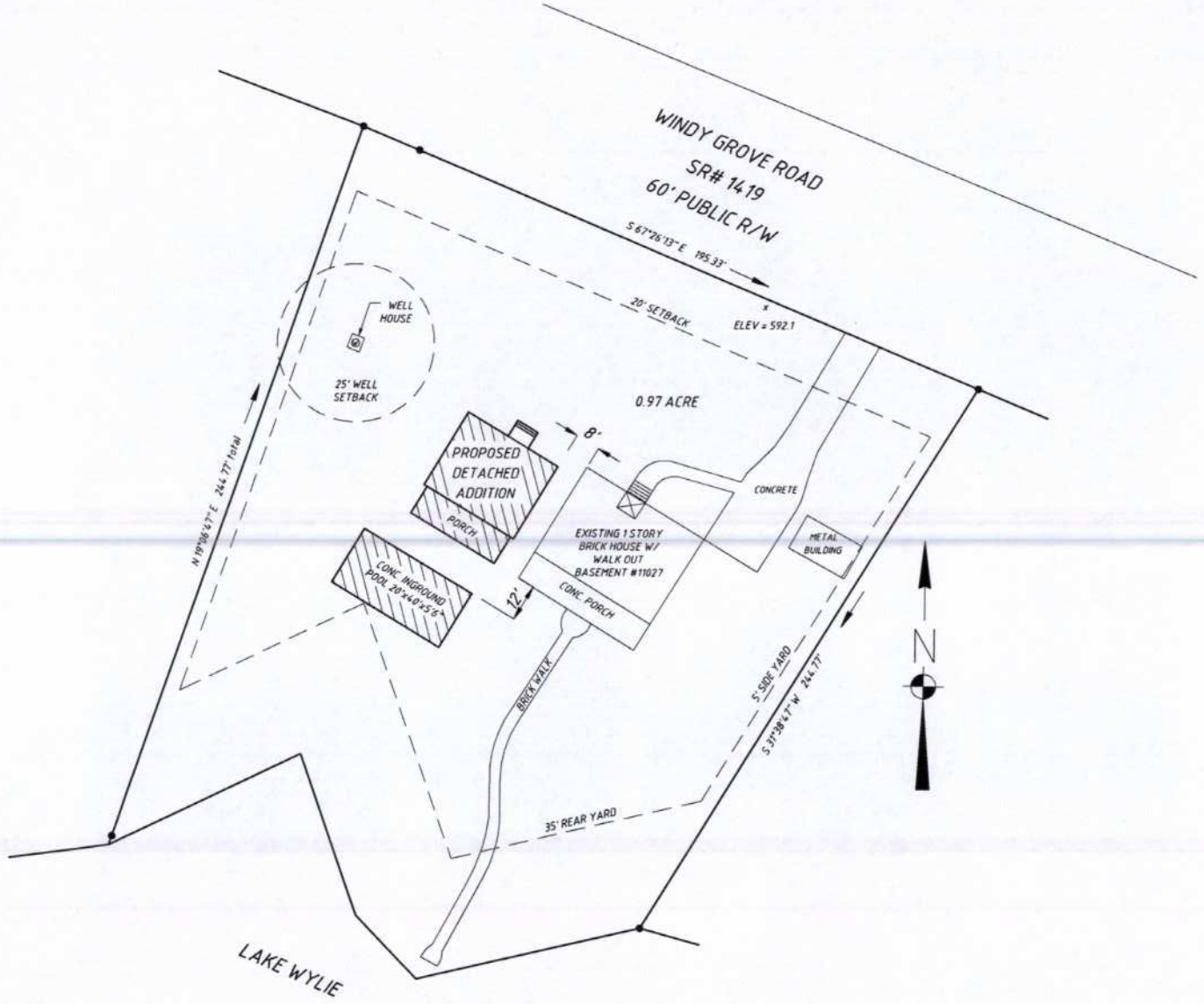
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
ELECTRICAL PLAN

JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

7.0



LOCATION PLAN

1/16" = 1'-0"

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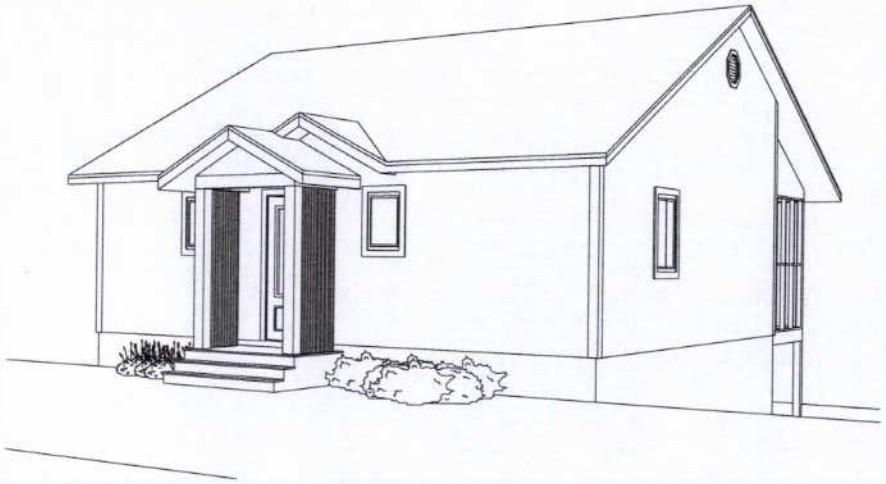
DETACHED HOUSE ADDITION

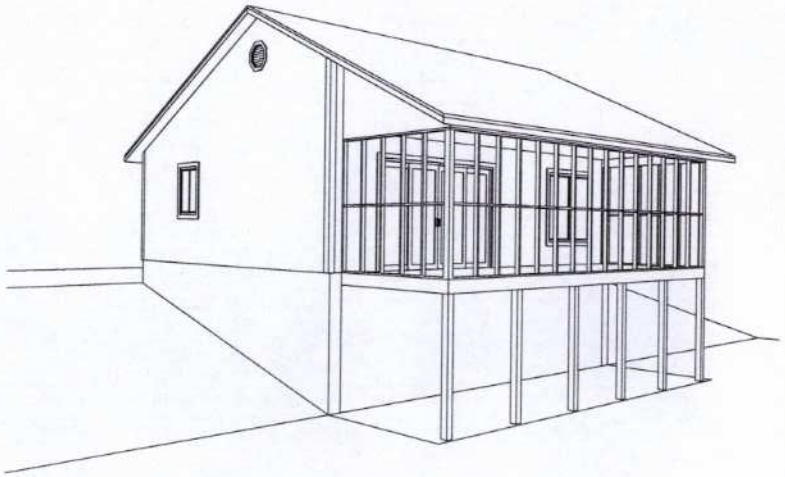
ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
LOCATION PLAN

JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

8.0





DETACHED HOUSE ADDITION:

LOCATED AT:
11027 Windy Grove Rd., Charlotte, NC 28278

1STORY ADDITION HOUSE :

BEDROOMS - 1

FULL BATHROOMS - 1

SCREENED PORCH

FRONT COVERED PORCH

SQUARE FOOTAGE CHART		
TOTAL HEATED	889	S.F.
FRONT COVERED PORCH	32	S.F.
REAR SCREENED PORCH	310	S.F.
TOTAL AREA UNDER ROOF	1231	S.F.

DESIGN CRITERIA:

AREA ZIP CODE - 28278

SEISMIC ZONE - 1

WIND ZONE - 3 (200mph) Hurricane Threat Region

ROOF LOADS:
DEAD - 10 PSF
LIVE - 30 PSF

FLOOR LOADS:
DEAD - 10 PSF
LIVE - 40 PSF

DECK LOADS:
DEAD - 10 PSF
LIVE - 40 PSF

SOIL BEARING PRESSURE - 1500 PSF

INDEX OF DRAWINGS		
PAGE #	LAYOUT	NOTES
1.0	COVER SHEET	
2.0	FLOOR SPACE PLAN	
3.0	DIMENSIONED FLOOR PLAN	
4.0	FOUNDATION/FLOOR FRAMING PLAN	
5.0	ELEVATIONS	
6.0	ROOF PLAN	
7.0	ELECTRICAL PLAN	
8.0	LOCATION PLAN	

PLAN RELEASE / REVISIONS			
REV. DATE	ARCH PLAN VERSION	REVISION DESCRIPTION	DRFT

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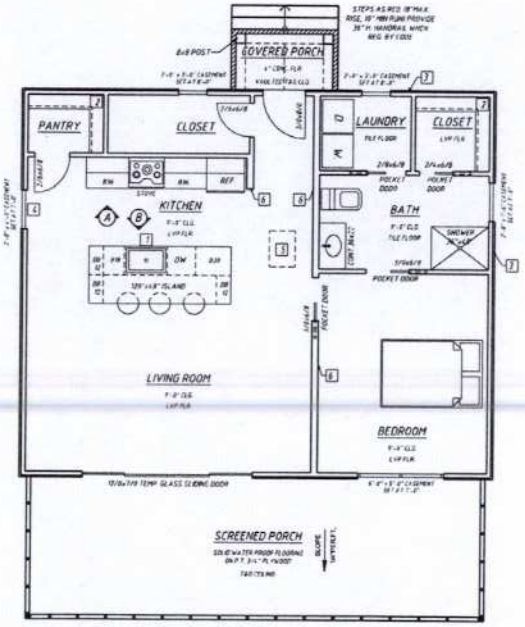
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
COVER SHEET

JOB NO: 001-144
DATA: 11.30.2021
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1.0

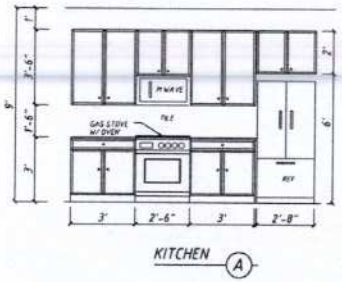


FLOOR SPACE PLAN

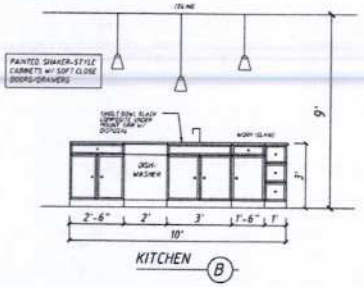
1/4" = 1'-0"

FLOOR PLAN KEYNOTES:

1. SINK W/ GARBAGE DISPOSAL
2. SHELVES (5 SHELVES)
3. AIR BARRIER (PER N1102.2.12, APPENDIX J.3)
4. TEMPERED SAFETY GLASS (IRC N1008.4.1)
5. ATTIC ACCESS LARGE ENOUGH TO REMOVE LARGEST PIECE OF EQUIPMENT BUT NOT LESS 22"x30" (PER IRC M1305.1.3). FIRE RATED ACCESS LADDER. VERIFY LOCATION AND SIZE WITH RAFTERS
6. 2x6 WALL



KITCHEN (A)



KITCHEN (B)

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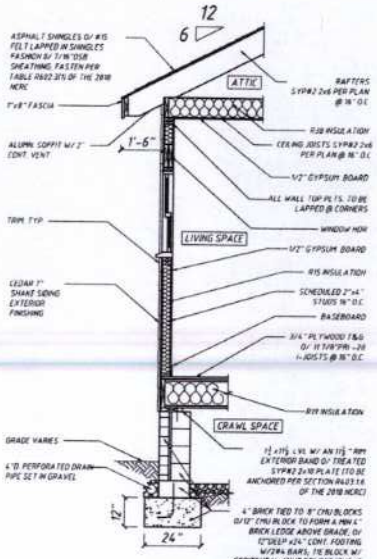
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd, Charlotte, NC 28278

CONTENT:
FLOOR SPACE PLAN

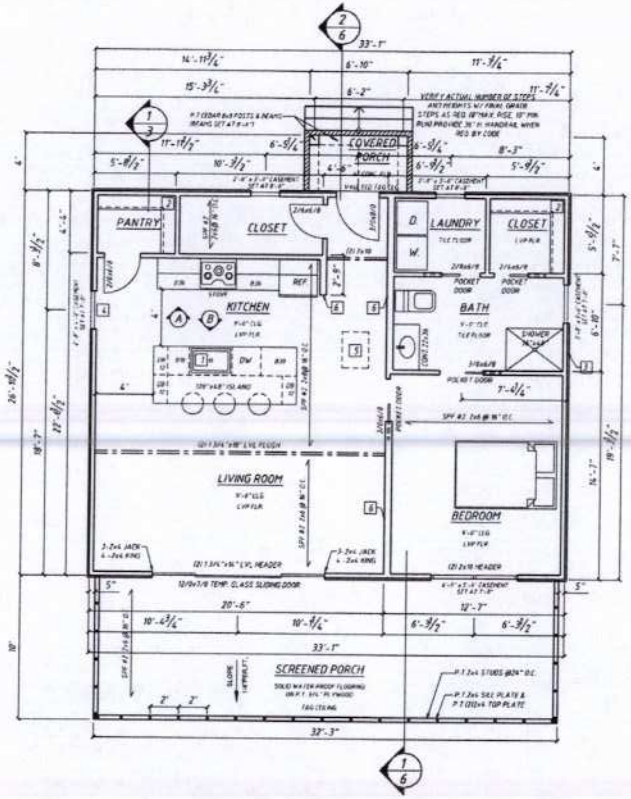
JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

2.0



1/3 WALL SECTION

1/2" = 1'-0"



DIMENSIONED FLOOR PLAN

1/4" = 1'-0"

GENERAL FLOOR PLAN NOTES:

1. 2x4" EXTERIOR WALLS WERE USED IN DETERMINING DIMENSIONS ON PLANS.
2. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS NOTED OTHERWISE.
3. ALL OVERALL DIMENSIONS SHELL BE FROM OUT TO OUT OF FRAMING.
4. ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED.
5. VERIFY LOCAL CODE EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
6. WINDOW MANUFACTURER TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
7. ALL INTERIOR DOORS SHELL BE 4" FROM WALL.
8. FRAMED CAVITY WALLS SHALL BE INSULATED WITH AIR BARRIER PER ENERGY CODE. PROVIDE R15 EXT. WALLS INSULATION AND VAPOR BARRIER ON SHEATHING.
9. CLARIFY ALL DIMENSIONS ON SITE BEFORE CONSTRUCTION WORK IMPLEMENTATION.
10. WORK IMPLEMENTATION ACCORDING WITH 2018 NORTH CAROLINA RESIDENTIAL CODE (NCRC).

FLOOR PLAN KEYNOTES:

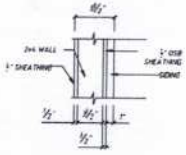
1. SINK W/ GARBAGE DISPOSAL
2. SHELVES (5 SHELVES)
3. AIR BARRIER (PER N1102.2.12, APPEN E-23)
4. TEMPERED SAFETY GLASS (IPC H308.4)
5. ATTIC ACCESS LARGE ENOUGH TO REMOVE LARGEST PIECE OF EQUIPMENT BUT NOT LESS 22"x30" (PER IRC M1305.1.3). FIRE RATED ACCESS LADDER. VERIFY LOCATION AND SIZE WITH RAFTERS.
6. 2x6 WALL

THIS PLAN DESIGNED FOR 9' NOMINAL WALL PLATE HEIGHT. WALLS FRAMED AS 2x4 @ 16"O.C. UNLESS NOTED OTHERWISE

EXTERIOR WALLS FRAMED AS 2x4 @ 16"O.C. UNLESS NOTED OTHERWISE

ALL FRAMING TO BE SPF#2 U.N.O. (UNLESS NOTED OTHERWISE)

COVER/BRACE EXTERIOR WALLS PER ENGINEERED DESIGN (PER SECTION R602.10.4 OF THE 2018 NCRC) AS FOLLOWS (U.N.O):
COVER EXTERIOR FACE OF WALL W/ A 7/16" OSB; FASTEN W/ 8d NAILS @ 6"o.c. @ EDGES (X=ON CENTER NAIL SPACING), y=12" O.C. INTERMEDIATE SUPPORTS; LAP ALL PLATES+SUB-FLOORS; LAP ALL SEAMS (U.N.O.)



2x4 WALL

W/ SIDING

SCALE: 1"=1"

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DETACHED HOUSE ADDITION

ADDRESS: 11027 Windy Grove Rd., Charlotte, NC 28278

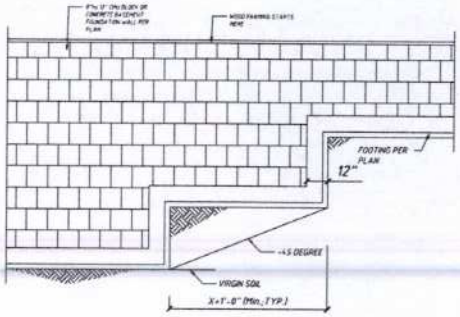
CONTENT: DIMENSIONED FLOOR PLAN

JOB NO: 001-14

DATA: 11.30.2021

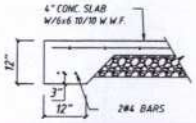
SCALE: AS-NOTED

3.0



TYPICAL STEPPED FOOTING DETAIL

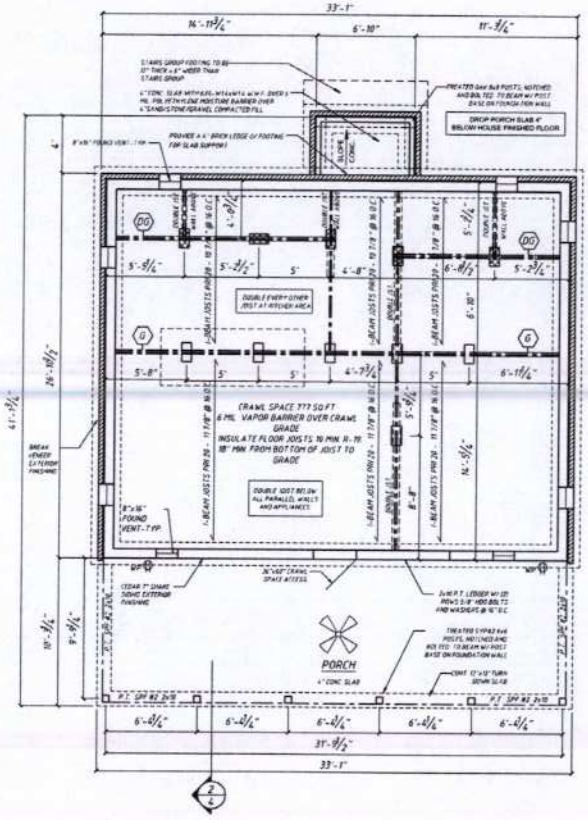
3/8" = 1'-0"



TURN DOWN SLAB SECTION

2/4

3/4" = 1'-0"



FOUNDATION/FLOOR FRAMING PLAN

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

FOUNDATION NOTES:

1. FOUNDATION DIMENSIONS ARE MEASURED FROM OUT TO OUT OF BRICK OR CMU BLOCKS (CONTRACTOR TO VERIFY ALL DIMENSIONS).
2. COVER GROUND SURFACE W/ A 6MM POLY VAPOR BARRIER/VAPOR PER SECTION R408.2 OF THE 2018 NCRC.
3. FLOOR FRAMING TO BE 11 7/8" PRI 20'S @ 16 O.C. (UNLESS NOTED OTHERWISE; TIE TO "G" W/ HANGERS
4. DOUBLE ALL FLOOR JOISTS AT ALL PARALLEL WALLS ABOVE (TYPICAL).
5. PROVIDE A $1\frac{3}{4}$ x$11\frac{7}{8}$ " LVL W/ AN $11\frac{7}{8}$ " RIM EXTERIOR BAND O/ TREATED SYP#2 2x10 PLATE (TO BE ANCHORED PER SECTION R403.1.6. OF THE 2018 NCRC)
6. PERIMETER FOOTING TO BE 24" WIDE BY 12" THICK W/ 2 #4 BARS CONT.
7. PROVIDE 6-MIL. POLY-VAPOR BARRIER BELOW ALL CONCRETE SLABS.
8. CONTRACTOR TO VERIFY ALL DIMENSIONS.
9. WORK IMPLEMENTATION ACCORDING WITH 2018 NORTH CAROLINA RESIDENTIAL CODE (NCRC)

CRAWL SPACE VENTS:

1 SQ FT FOR EACH 150 SQ FT OF FLOOR AREA:
777/150= 5.18 SQ FT OF VENTILATION REQUIRED.

8"x16" FOUND. VENT= 0.89 SQ FT OF VENTED AREA
36"x48" = 12 SQ FT CRAWL SPACE VENTED ACCESS OPENING
5.18/0.89 =6 VENTS

PROVIDE A MINIMUM OF 6 VENTS W/ ONE VENT W/ IN THREE FEET OF EACH CORNER TO PROMOTE CROSS VENTILATION

(G) => 2 1 3/4x11 7/8 LVL FLUSH GIRDER

(DG) => SPF#2 3-2x10 DROPPED GIRDER; FULLY BEAR O/ TOP SURFACE OF MASONRY PIERS; BLOCK BETWEEN JOISTS O/ GIRDER, W/ 2-11 7/8 I JOISTS BLOCKING, BELLOW WALLS

=> DROPPED 8"x16" MASONRY PIER O/ 24"x32"x 10" FOOTING TO SUPPORT "DG"

=> 8"x16" MASONRY PIER O/ 24"x32"x10" FOOTING TO SUPPORT "G" + DOUBLE JOISTS

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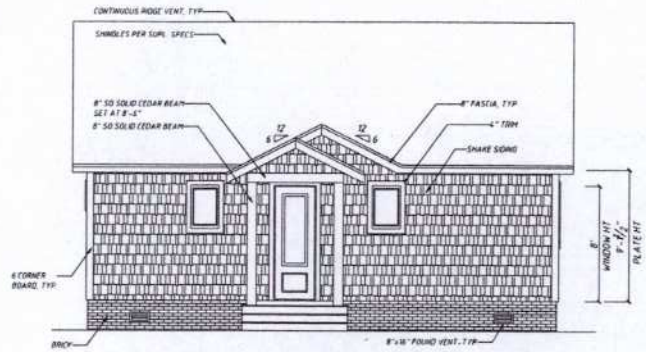
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
FOUNDATION/FLOOR FRAMING PLAN

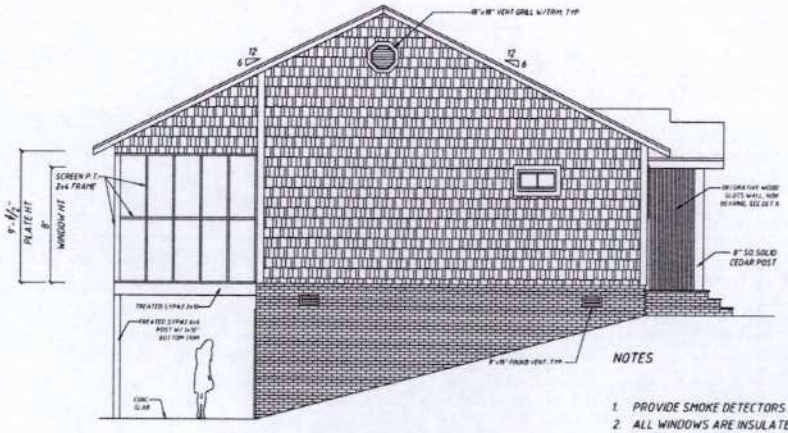
JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

4.0



FRONT ELEVATION

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



LEFT ELEVATION

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

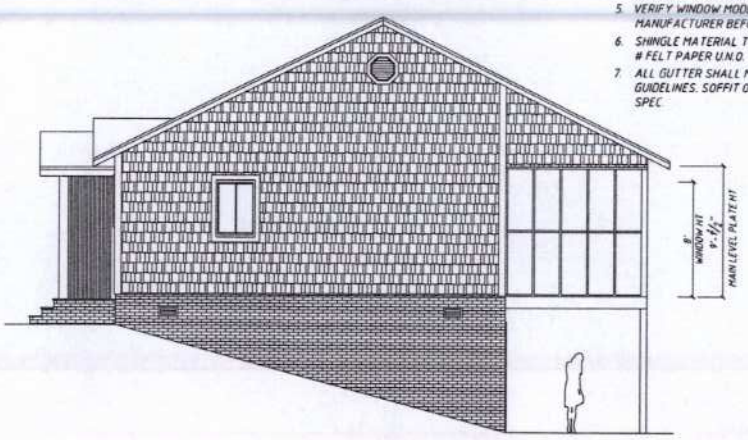
NOTES

1. PROVIDE SMOKE DETECTORS AS REQUIRED BY CODE.
2. ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED.
3. VERIFY LOCAL CODE EGRESS WINDOW REQUIREMENTS PRIOR TO CONSTRUCTION.
4. WINDOW MANUFACTURER TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.
5. VERIFY WINDOW MODEL NUMBERS AND SIZES WITH MANUFACTURER BEFORE STARTING CONSTRUCTION.
6. SHINGLE MATERIAL TO BE COMPOSITE W/(1)LAYER OF 15 # FELT PAPER U.N.O.
7. ALL GUTTER SHALL MATCH THE FASCIA AND PER GUIDELINES. SOFFIT OVERHANG SIZE PER COMMUNITY SPEC.



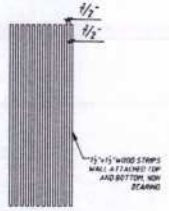
REAR ELEVATION

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



RIGHT ELEVATION

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



DECORATIVE WOOD SLOTS WALL DET.A

1/2" = 1'-0"

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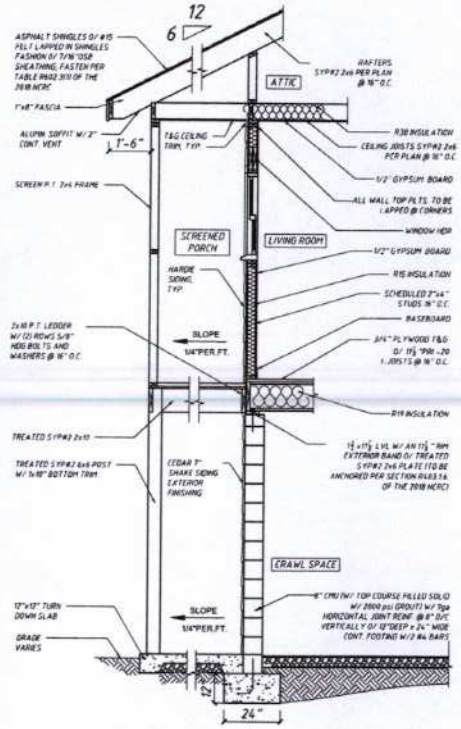
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd., Charlotte, NC 28278

CONTENT:
ELEVATIONS

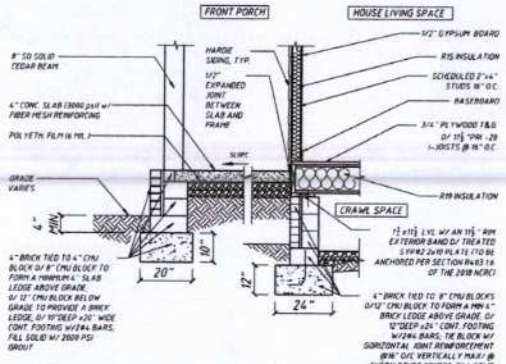
JOB NO: 001-144
DATA: 11.30.2021
SCALE: AS-NOTED

5.0



1/6 WALL SECTION

1/2" = 1'-0"



2/6 WALL SECTION

1/2" = 1'-0"

ROOF PLAN NOTES:

1. ALL RAFTERS TO BE SPF #2 2x6 @ 16" O/C, U.N.O
2. ALL VALLEYS AND RIDGES TO BE SPF#2 2x10 U.N.O

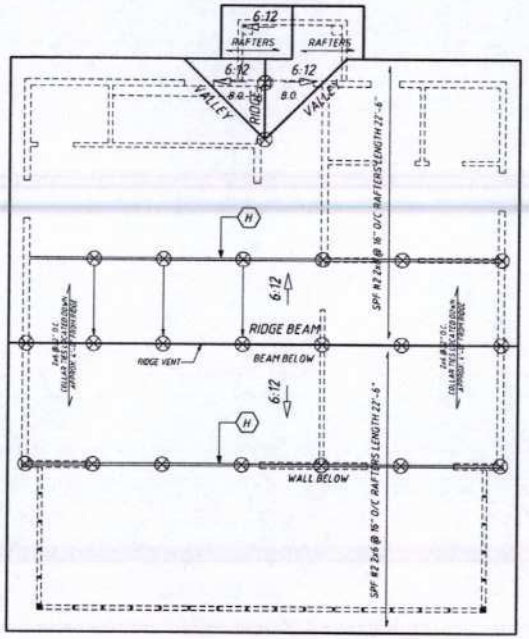
ATTIC SPACE VENTILATION CALCULATION

ROOF VENTILATION REQUIRED
850 SQ.FT. x 144 x 1/300 = 408S.I.
INLET VENTILATION SHOWN:
708 S.I. CONTINUOUS SOFFIT VENT
OUTLET VENTILATION SHOWN
630S.I. GABLE CONT. "COR-A-VENT" (18S.I./FT)
324 S.I. GABLE VENT SAME IN SAME OUT

ROOF FRAMING

1. RAFTERS SHALL BE SPF NO. 2 (U.O.N.)
2. ROOF SHEATHING SHALL BE AS SHOWN ON PLAN. NAILING SHALL BE PER MANUFACTURER AND CODE REQUIREMENTS.
3. COLLAR TIES SHALL BE 2x6 @ 32" O.C. MIN. (U.O.N.) AT RIDGES. PROVIDE 3 COLLAR TIES MIN. AT ANY GIVEN LOCATION AT ALL RIDGES. (U.O.N.)
4. ⊗ INDICATES VERTICAL OR ALMOST VERTICAL BRACE TO PARTITION OR BEAM BELOW
5. ⊗— INDICATES DIRECTION OF RAFTER BRACE TO PARTITION OR BEAM BELOW
6. RAFTER BRACES ARE 3-2x4 NAILED WITH 16D NAILS AT 12" O.C. BRACES 8'-0" AND LONGER SHALL BE BRACED HORIZONTALLY IN EACH DIRECTION.

(H) = SPF#2 (2)2x6 HDG/PURLIN @ RAFTERS



ROOF PLAN

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

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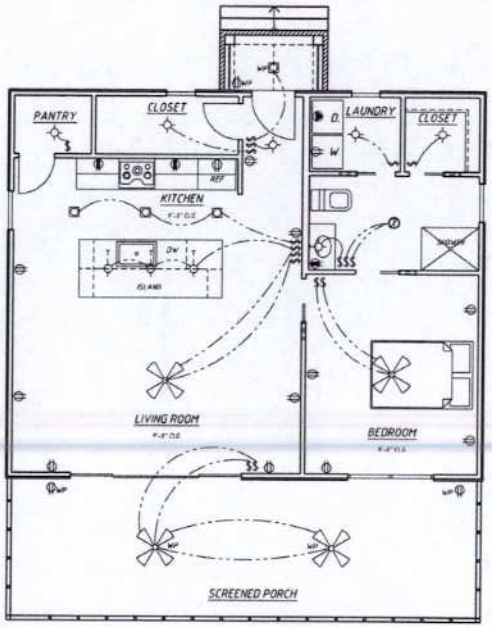
DETACHED HOUSE ADDITION

ADDRESS:
11027 Windy Grove Rd, Charlotte, NC 28278

CONTENT:
ROOF PLAN

JOB NO: 001-14.4
DATA: 11.30.2021
SCALE: AS-NOTED

6.0



MAIN LEVEL ELECTRICAL PLAN

1/8" = 1'-0"

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX OUTLET (GROUNDED TYPE)
WP	WEATHER PROOF DUPLEX OUTLET
	ABOVE COUNTER LOCATION
	220 VOLT OUTLET OR CONNECTION
	CEILING MOUNTED LIGHT FIXTURE
	WALL BRACKET MOUNTED LIGHT FIXTURE
T	SUSPENDED CEILING MOUNTED LIGHT FIXTURE
	RECESSED CEILING LIGHT FIXTURE
W	RECESSED LIGHT FOR WET AREA
	CEILING MOUNTED PADDLE FAN W/ LIGHT
	CEILING MOUNTED FAN AND LIGHT
$	WALL MOUNTED LIGHT SWITCH MOUNTED AT 3'10" A.F.F.

ELECTICAL NOTES:

1. ALL ELECTRICAL TO MEET N.E.C.
2. PROVIDE 200 AMP SINGLE PHASE SERVICE (UNDERGROUND).
3. PROVIDE ALL COPPER WIRING.
4. CONTRACTOR TO CONNECT ALL FIXTURES AND APPLIANCES.
5. CONTRACTOR TO HAVE VALID LICENSE TO DO ELECTRICAL WORK.
6. PROVIDE #5 REBAR ELECTRICAL GROUND TO FOUNDATION STEEL
7. PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQ. BY NATIONAL FIRE PROTECTION ASSOC (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
8. PROVIDE ALL INSTALL GROUND FAULT CIRCUIT-INTERRUPTERS (GFI) AS REQ. BY NATIONAL ELECTRIC CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES.
9. UNLESS OTHERWISE INDICATED, INSTALL SWITCHES & RECEPTACLES AT THE FOLLOWING HEIGHTS A.F.F.

SWITCHES 42"
OUTLETS 5" OR 14" PRE CODE
TELEPHONE 14"
TELEVISION 14"

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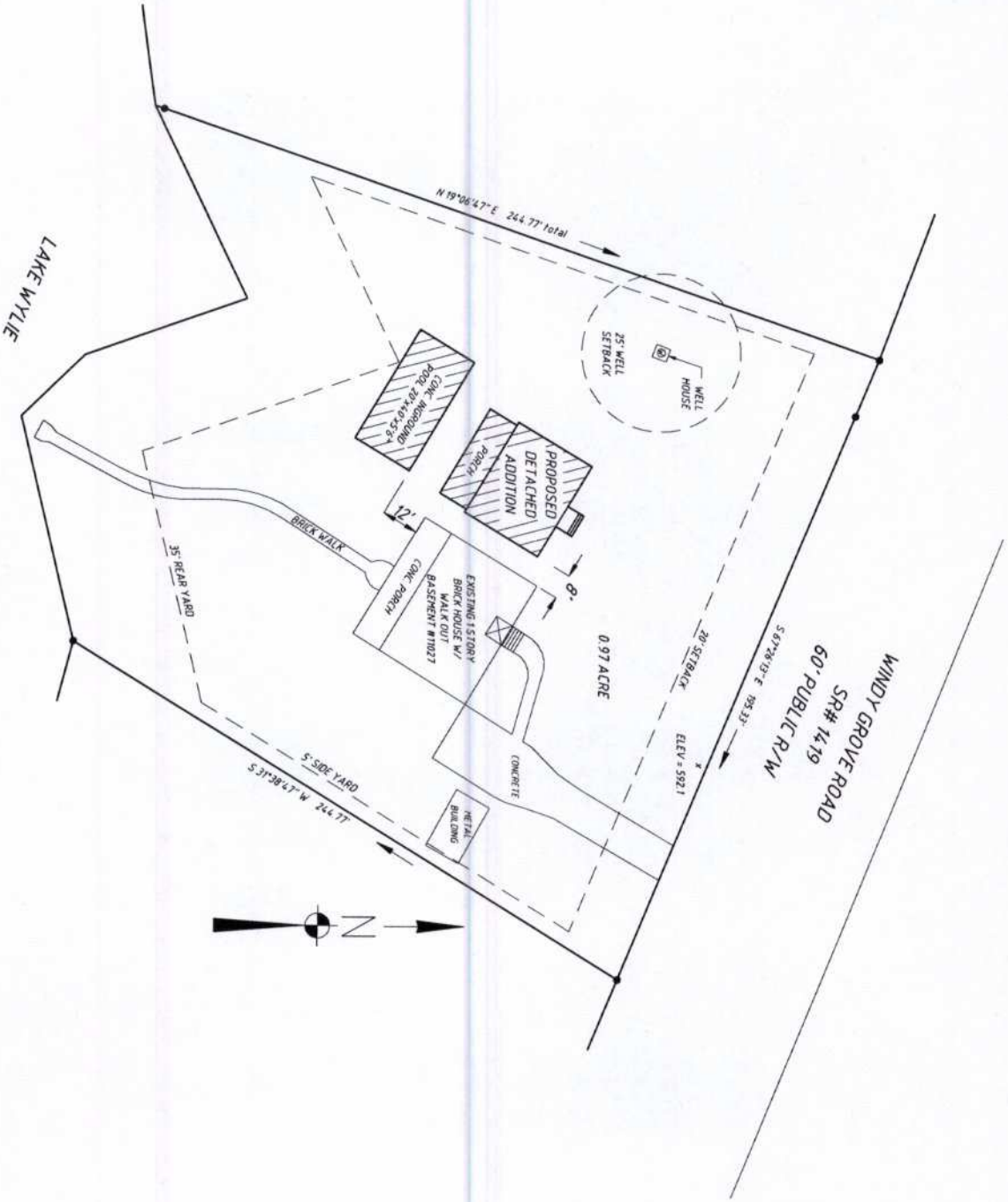
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ELECTRICAL PLAN

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7.0



LOCATION PLAN

1/16" = 1'-0"

8.0	JOB NO: 001-144	CONTENT:	DETACHED HOUSE ADDITION	LinesCapital
	DATA: 11.30.2021	LOCATION PLAN	ADDRESS: 11027 Windy Grove Rd., Charlotte, NC 28278	Residential Designer
	SCALE: AS-NOTED			CHARLOTTE NORTH CAROLINA 980 339 2362 WWW.LINESCAPITAL.COM

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date:	03/01/22	**Amount:**	100.00
Receipt #:	134325	**Tendered:**	100.00
Check / Auth #:	VISA 01644C	**Returned:**	0.00
Received By:	RAMSEMA		

Account Information

Account #: 200000
Contractor: BENEFIELD PATRICIA E
Attn:
Address:
Address:
City/State/Zip: ,

Item	Description	Permit#	Quantity	Unit Price	Total Price
0705	Use Existing System 11027 WINDY GROVE RD		1	100.00	100.00

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

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

SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

NEW SEPTIC ☐ NEW WELL ☐ USE EXISTING ☑ MODIFIED PLOT PLAN ☐

New Septic Fees Paid

IP ($250.00) _____ Initial/Date

CA ($200.00) _____ Initial/Date

OP ($200.00) _____ Initial/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fees Paid: $550.00 _____ Initial/Date

Use Existing Fees Paid: $100.00 MR/3/1/22 Initial/Date

Alteration Fees Paid: $300 Total $200 _____ Initial/Date (If use existing was part of payment)

Modified Plot Plan Fees Paid: $100.00 _____ Initial/Date

Floor plans need to be submitted and reviewed before CA can be issued ☐ Review ☐

This site is served by septic and well. Verify each is complete before final hold is released ☐

Septic file complete ☐_____ Well complete ☐ _____

Send permit for signature ☐ Signature received ☐ _____

This septic system requires a certified operation contract before final hold is released ☐

Certified operator contract is on file ☐ _____