## **NEW RESIDENCE FOR ELLEN AND GREG QUINN**

ADDRESS OF SITE:

**KNEISEL ROAD** VERMILION, OHIO 44089

TRAVIS P. MAYER 1418 OH 60, SUITE #5 VERMILION, OHIO 4408 PHONE: 216.789.8292



NEW RESIDENCE FOR EN AND GREG QUINN KNEISEL ROAD VERMILION, OHIO 44089

**GENERAL NOTES** ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE OHIO RESIDENTIAL CODE AND ALL LOCAL AND FEDERAL GOVERNING CODES.

ALL WORK SHALL BE PERFORMED BY WORKMEN THOROUGHLY EXPERIENCED IN THEIR ALL MANUFACTURED ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE

MANUFACTURERS RECOMMENDATIONS AND/OR WITH THE STANDARDS OF THE INDUSTRIAL OR TRADE ASSOCIATION GOVERNING THEIR WORK.

SITE LOCATION MAP

DRAWING INDEX

EXTERIOR ELEVATIONS A-2 EXTERIOR ELEVATIONS A-4 FIRST FLOOR PLAN A-5 SECOND FLOOR PLAN A-6 BUILDING SECTION A - A A-8 BUILDING SECTION C - C S-1 FRAMING PLANS E-1 FIRST FLOOR ELECTRICAL PLAN

ALL ELECTRICAL WORK WILL COMPLY WITH THE REQUIREMENTS OF CHAPTER 27 O.B.C.
AND THE NATIONAL ELECTRICAL CODE INEO, INFPA 70, O.B.C. APPROVED EDITION AND ALL
LOCAL CODES, AND IS SUBJECT TO THE APPROVAL OF THE AUTHORIZED ELECTRICAL
INSPECTOR.

ALL H.V.A.C., WORK SHALL CONFORM TO THE REQUIREMENTS OF 0.B.C. MECHANICAL CODE AND THE OHIO RESIDENTIAL CODE AND SHALLEE INSTALLED IN ACCORDANCE WITH IT'S UNDERWRITER APPROVAL, THE MANUFACTURERS RECOMMENDATIONS AND SPECIFICATIONS AND GOOD ENVINEENING PRACTICE.

ALL PHASES OF THE PLUMBING WORK WILL COMPLY WITH THE O.B.C. PLUMBING CODE (4101:2-51) AND THE COUNTY HEALTH DEPARTMENT AND BOARD OF HEALTH.

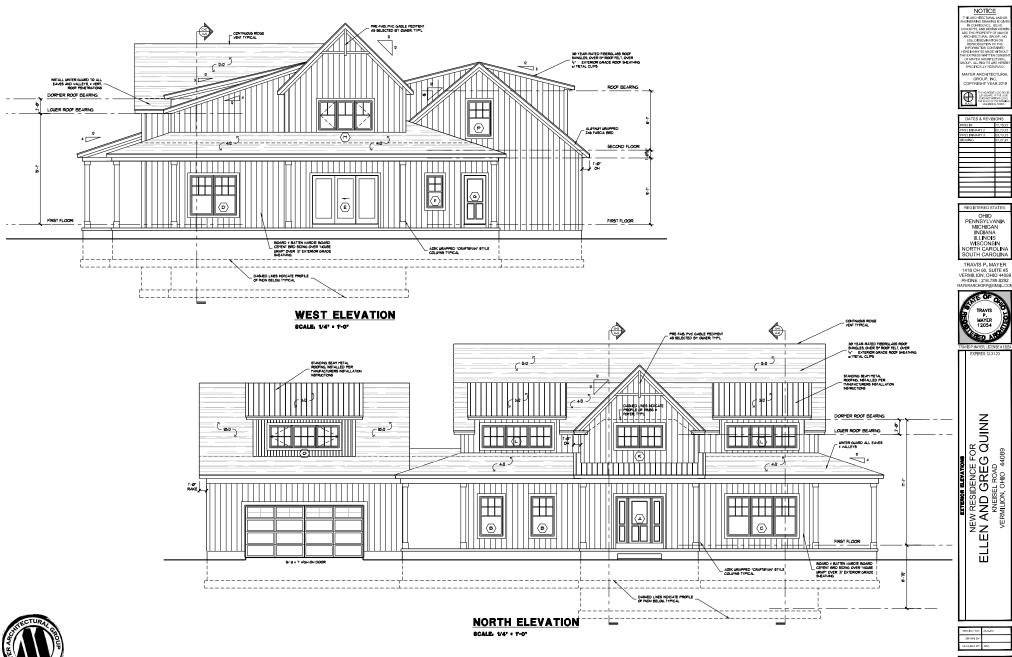
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATIONS OF ALL ENSTING CONDITIONS DURING THE BIDDING PROCESS. ANY VARIATION BETWEEN ACTUALLY OF THE CONTRINAT SOLD GENORIST SHALL BE REPOLISHT IMPROVIDED AND THE CONTRACT COOLIGINATION SHALL BE REPOLISH TIMESTITUTED AS A BIT OF THE CONTRACT OF THE CO

DURING THE BIDDING PERIOD, CONFLICT OF DETAIL OR NOTING BETWEEN SPECIFICATION WRITTEN NOTES, BID FORMS AND/OR DRAWNINGS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND THE CONFLICT RESOURCES POBULD THE CONFLICT BE DISCOVERED AFTER THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDINGS HE HIGHEST QUALITY LARGEST QUANTITY CALLED FOR.

ALL CONCRETE SHALL COMPLY WITH O.B.C. CHAPTER 19, ALL CONCRETE SHALL BE MINIMUM 6 SACK WITH MINIMUM STRENGTH OF 3,000 PSI AT 28 DAYS UNLESS NOTED OTHERWISE. EXTERIOR CONCRETE SHALL HAVE 6% AIR.

PERIMETER, WALL AND CEILING INSULATION SHALL BE AS SHOWN ON THE DRAWINGS AND CONFORM TO THE REQUIREMENTS OF CHAPTER 19 MECHANICAL CODE O.B.C.

FIRST FLOOR PLAN ARCHITECTS • DESIGNERS • PLANNERS

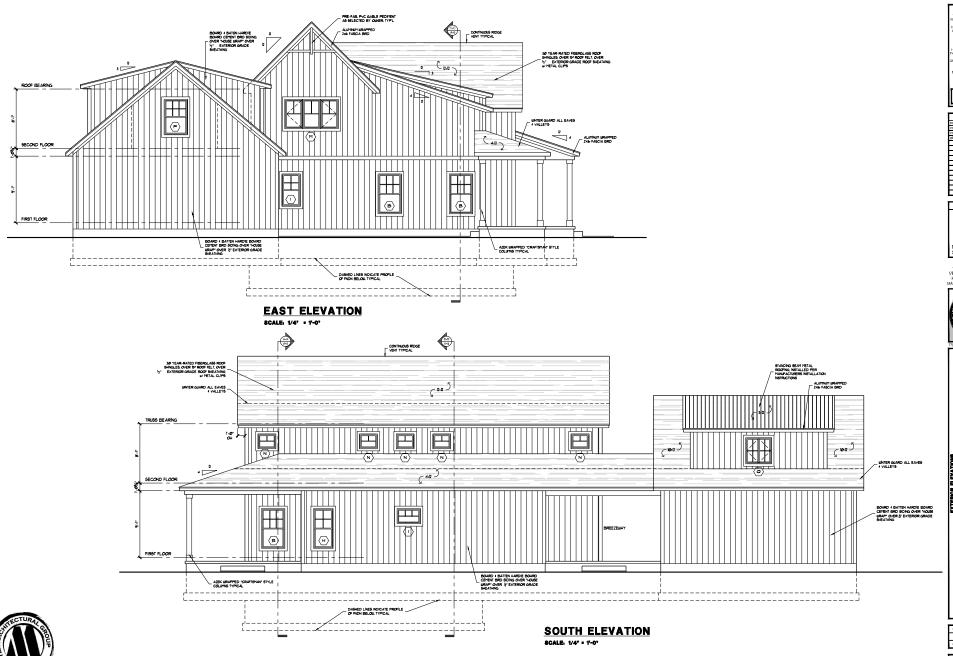


ARCHITECTS • DESIGNERS • PLANNERS









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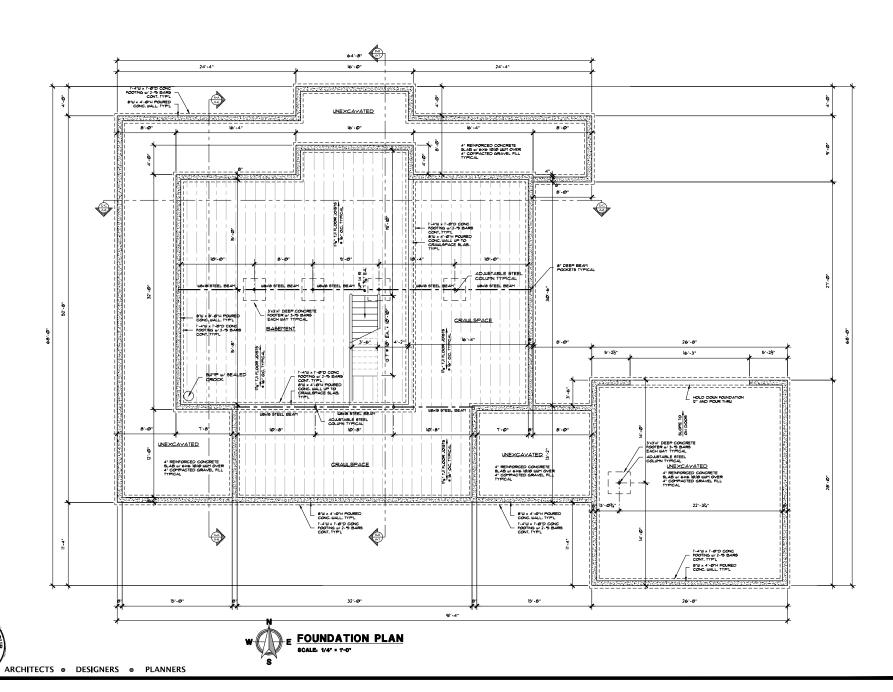




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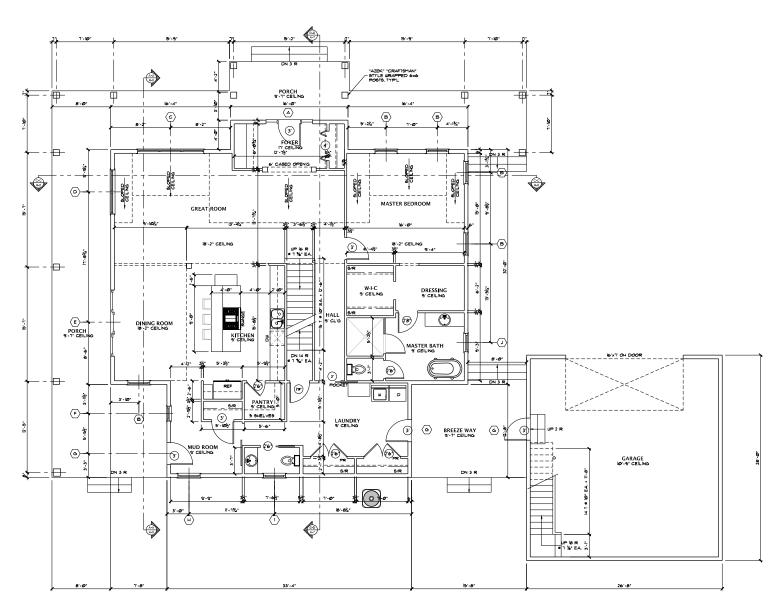
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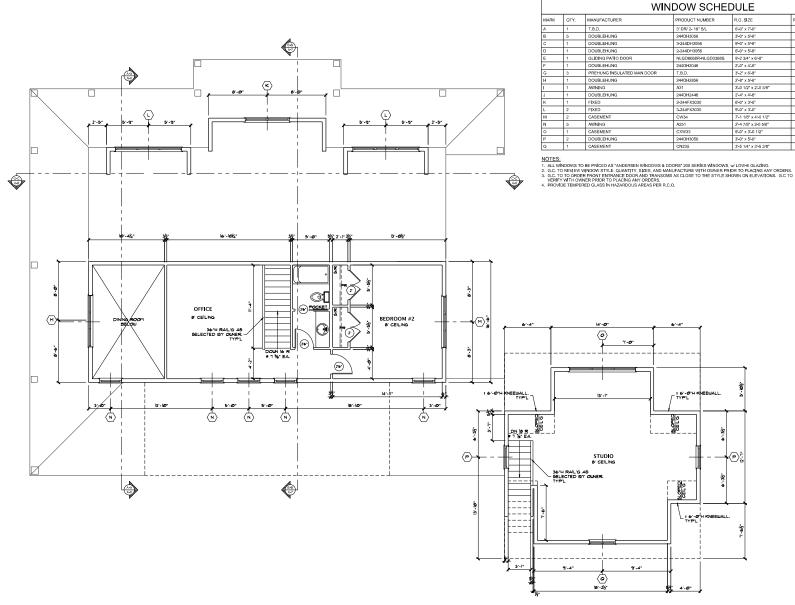




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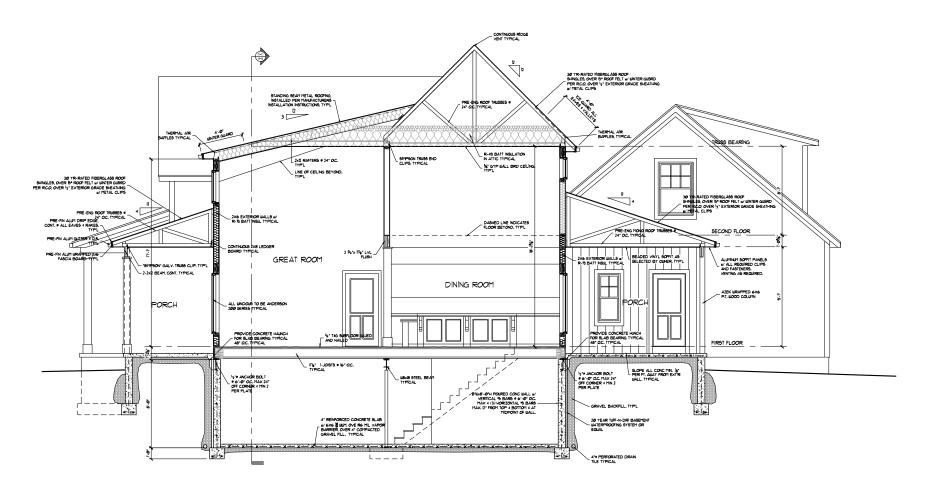
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**BUILDING SECTION A - A** SCALE: 3/8 - T-0"



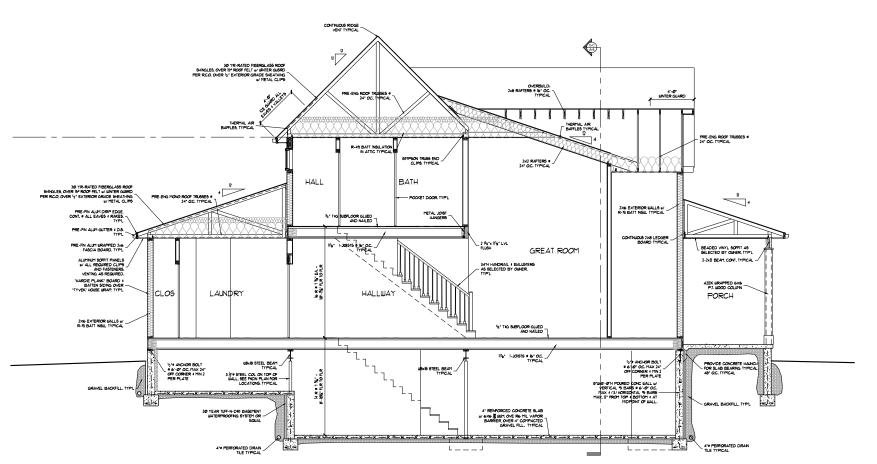
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**BUILDING SECTION B - B** SCALE: 3/8 - T-0"

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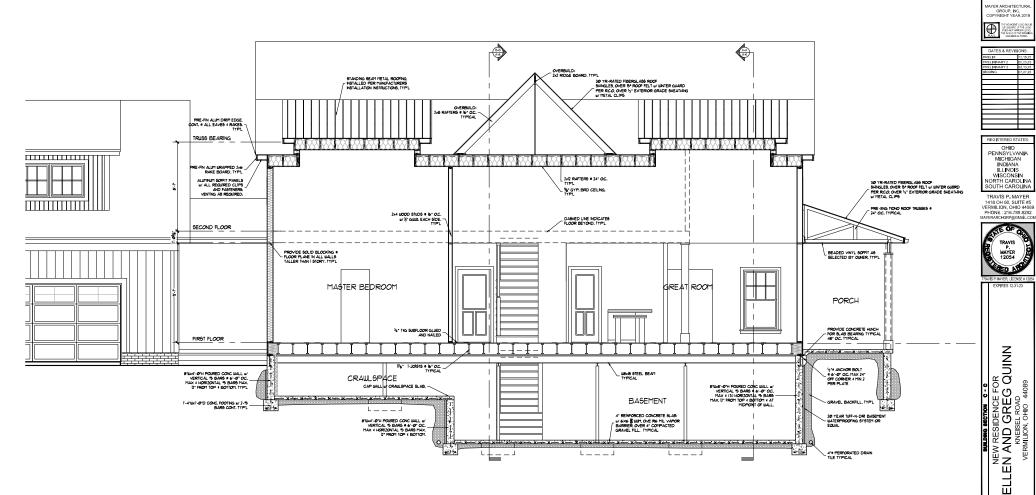
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BUILDING SECTION C - C

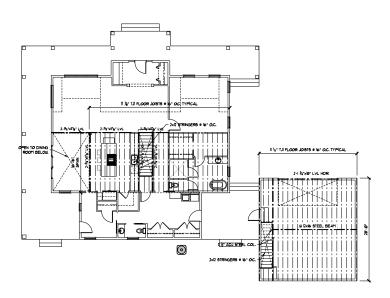
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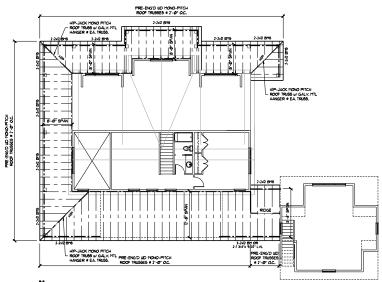
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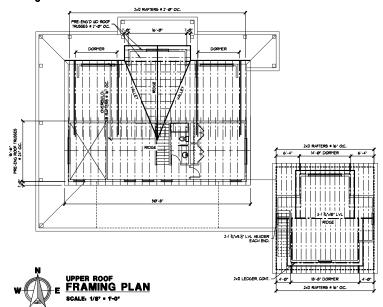


## **DESIGN LOADS**

SLEEPING ROOMS LIVE LOAD 30 PSF ALL OTHER RMS/ DECKS LIVE LOAD ATTICS W/ LIMITED STORAGE 40 PSF 20 PSF HANDRALLS 200 PSF HANDRAIL INFILL BALUSTERS ROOF LIVE LOAD 50 PSF 20 PSF ROOF LIVE LOAD
ROOF DEAD LOAD
ROOF SNOW LOAD
ULTIMATE WIND SPEED
WIND LOAD (90 MPH)
SOFFIT UPLIFT
WIND EXPOSURE CLASS 15 PSF 25 PSF 115 MPH 25 PSF 26 PSF "C" 25 PSF 0.7 GROUND SNOW LOAD SNOW EXPOSURE FACTOR IMPORTANCE FACTOR 1.0 EAVE - OVERHANG DESIGN SOIL BEARING PRESSURE 60 PSF 1500 PSF (ASSUMED)









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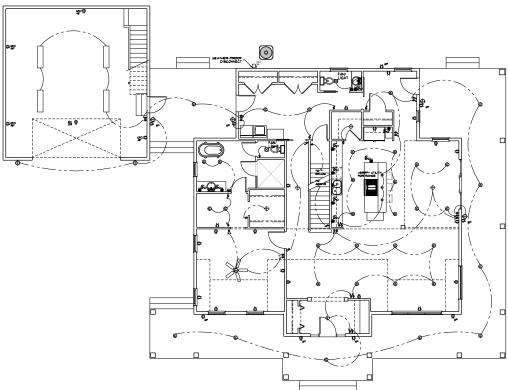




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ELECTRICAL NOTES 1. ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF AND G.F.I.

ALL BATHROOM, GARAGE, AND ANY RECEPTACLE WITHIN (6) FEET OF ANY SINK BE G.F.I. TYPE.

3. ALL EXTERIOR DISCONNECT SWITCHES SHALL BE WEATHERPROOF

ALL LIGHT FIXTURES ARE TO BE SELECTED BY OWNER, SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.

5. ELECTRICAL CONTRACTOR SHALL COORDINATE METER, METER CENTERS, AND SWITCHGEAR LOCATIONS WITH LOCAL UTILITY COMPANY.

A LILLIGHTING AND RECEPTACLES SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES.

9. ALL SWITCHGEAR AND PANELS SHALL BE RATED FOR 75 DEGREES.

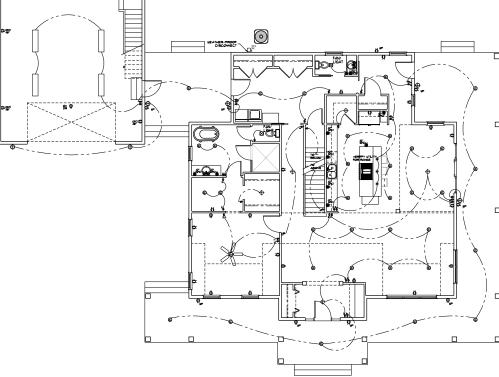
10. ELECTRICAL CONTRACTOR SHALL VERIFY ALL HVAC EQUIPMENT LOADS PRIOR TO ORDERING OF ANY SWITCHGEAR AND PANELS AND COORDINATE WITH G.C. 12. ALL SMOKE DETECTORS SHALL BE HARDWIRED TO THE NEAREST BATHROOM OR KITCHEN LIGHTING CIRCUIT (NO G.F.I. CIRCUIT) WITH BATTERY BACK-UP, INTER-CONNECTED, AND INTEGRAL WITH ALARM SYSTEM.

I3. ALL DISCONNECT SWITCHES AND PANELS SHALL BE INSTALLED IN ACCORDANCE WITH NEC 110-18.

14. INSTALLATION HEIGHTS ABV. FINISH FLOOR TO CENTERLINE U.O.N.:

RECEPTACLE AND OR JUNCTION BOXES SHALL NOT BE PLACED IN A BACK TO BACK CONFIGURATION.

ALL 120V. 1~ 15 AND 20 AMP BRANCH CIRCUITS FOR OUTLETS OR DEVICES INSTALLED. IN KITCHEN, FAMILY RIA, DINNIG RIA, LIMING RIA, PARLORS, LIBRARIES, DENS, BEDROOMS, BATHROOMS, SUN ROOMS, RECREATION RIAS, CLOSETS, HALLWAYS, LAUNDRY RIMS OR SIMLAR AREA SHALL BE PROTECTED BY AN ARCHAULT CIRCUIT INTERRUPTER (ACPL) AS DESCRIBED IN NEX 210, 12(A)-1-6.



ROMEX MAY BE SUBSTITUTED FOR WIRE AND CONDUIT SYSTEM FOR BUILDING INTERIOR ONLY.

PROVIDE TIE HANDLE FOR DISPOSAL AND DISHWASHER CIRCUIT BREAKERS (ONLY IF ONE RECEPTACLE SUPPLIES BOTH)

 WALL HUNG TELEPHONE
 56" A.F.

 TELEPHONE JACKS
 12" A.F.

 LIGHT SWITCHES
 46" A.F.

 RECEPTACLES
 12" A.F.

 TELEVISION JACKS
 12" A.F.F.

ALL FLOOR MOUNTED RECEPTACLES, TELEPHONE JACKS, ETC. SHALL BE VERIFIED AND COORDINATED W/ OWNER PRIOR TO INSTALLATION.

17. ALL WIRING TO A/C EQUIPMENT TO BE COPPER.



Ö Q. -о 20 AMP, DO VOLT NEMA 5-20R GROUNDING TYPE DUPLEX RECEPTAGLE W SELF-CONTAINED ARC FAULT INTERRUPTIONS PROVISIONS. MJ. 18\* TO CENTER UNLESS OF HERMISE NOTED. Q.  $\triangleright$ I'M. IS TO CENTER UNLESS OTHERWISE NOTED.

DUPLEX RECEPTACLE NEMA 9-30R, IS AFF.TO

CENTER OF BOX, UNLESS NOTED OTHERWISE.

4-PLEX 39 APP 100 VOLT 2 POLE 3 WIRE

RECEPTACLE MOUNTED IN COMMON BOX WITH

COMMON 2 GANG PLATE. GND. M.H. TYPL W.P. A.F.F. CDT. EX'G 0 # (3) (T) JUNCTION BOX FOR SIGNAGE, SIZE ACCO JUNCTION BOX, SIZE ACCORDINGLY. LINE VOLTAGE THERMOSTAT BRANCH CIRCUIT PANELBOARD DISCONNECT BUITCH, 3Ø INDICATES AMPACITY 3 INDICATES 3 POLE, 3R INDICATES NEMA 3R ENCLOSURE, N INDICATES NON-RISED

20 AMP, 20 VOLT NEMA 5-20R GROUNDING TYPE DUPLEX RECEPTACLE W SELF-CONTAINED GROUND FAULT INTERRUPTIONS PROVISIONS, MJ. IS TO CENTER UNLESS OTHERWISE NOTED.

BEATHERPROOF OUTLET W/ GFJ.

ELECTRICAL SYMBOLS

HOMERUN TO PANELBOARD, 3/4" MINIMUM. LETTER NOICATES PANEL, NUMBERS INDICATE CIRCUITS, (TIE) INDICATES OKTS, CONTINUATION

TV JACK AND/OR ETHERNET JACK 3/4" • TO ABOVE CEILING FOR DATA

GROUND MOUNTING HEIGHT (FROM FINISH FLOOR)

20 AMP DO/211 VOLT SINGLE POLE TOGGLE SUITCH F-FAN L-LITE R-RECEPT

20 AMP 00/211 VOLT THREE WAY TOGGLE SWITCH FIFAN LILITE RIRECEPT

TYPICAL

ABOVE FINISHED FLOOR

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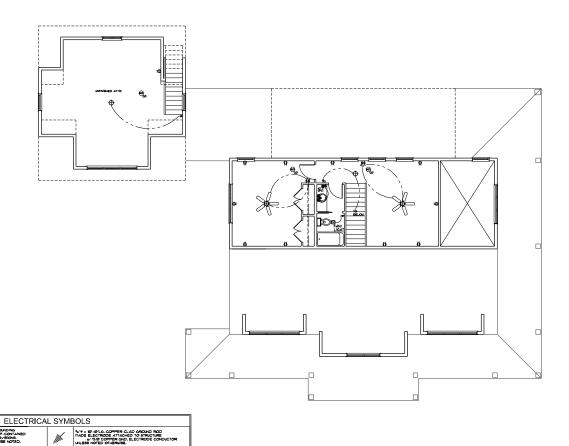
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10. ELECTRICAL CONTRACTOR SHALL VERIFY ALL HVAC EQUIPMENT LOADS PRIOR TO THORDERING OF ANY SWITCHGEAR AND PANELS AND COORDINATE WITH G.C. 12. ALL SMOKE DETECTORS SHALL BE HARDWIRED TO THE NEAREST BATHROOM OR KITCHEN LIGHTING CIRCUIT (NO.G.F.L. GIRCUIT) WITH BATTERY BACK-UP, INTER-CONNECTED, AND INTEGRAL WITH ALARM SYSTEM. I3. ALL DISCONNECT SWITCHES AND PANELS SHALL BE INSTALLED IN ACCORDANCE WITH NEC 110-16.

14, INSTALLATION HEIGHTS ABV. FINISH FLOOR TO CENTERLINE U.O.N.: 
 WALL HUNG TELEPHONE
 56" A.F.F.

 TELEPHONE JACKS
 12" A.F.F.

 LIGHT SWITCHES
 46" A.F.F.

 RECEPTACLES
 12" A.F.F.

 TELEVISION JACKS
 12" A.F.F.

 RECEPTACLE AND OR JUNCTION BOXES SHALL NOT BE PLACED IN A BACK TO BACK CONFIGURATION. ALL FLOOR MOUNTED RECEPTACLES, TELEPHONE JACKS, ETC. SHALL BE VERIFIED AND COORDINATED W/ OWNER PRIOR TO INSTALLATION.

PROVIDE TIE HANDLE FOR DISPOSAL AND DISHWASHER CIRCUIT BREAKERS (ONLY IF ONE RECEPTACLE SUPPLIES BOTH)

**ELECTRICAL NOTES** 1. ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF AND G.F.I. ALL BATHROOM, GARAGE, AND ANY RECEPTACLE WITHIN (6) FEET OF ANY SINK SHAL BE G.F.I, TYPE.

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9. ALL SWITCHGEAR AND PANELS SHALL BE RATED FOR 75 DEGREES.

17. ALL WIRING TO A/C EQUIPMENT TO BE COPPER.

ALL 120V. 1~15 AND 20 AMP BRANCH CIRCUITS FOR OUTLETS OR DEVICES INSTALLED IN KITCHEN, FAMILY RM, DINNOR RM, LIVING RM, PARLORS, LIBRARIES, DENS, BEDROCOMS, BATH-POOMS, SUN ROOMS, RECREATION RINS, CLOSETS, HALLIWAYS, LAURON'F RMS OR SIMILAR AREA SHALL BE PROTECTED BY AN ARCE-AULT CIRCUIT INTERRUPTER (ACT) AS DESCRIPED IN NC. 201, 12(3),1—6.



DISCONNECT SUITCH, 3Ø INDICATES AMPACITY 3 INDICATES 3 POLE, 3R INDICATES NEMA 3R ENCLOSURE, N INDICATES NON-RUSED

LINE VOLTAGE THERMOSTAT

BRANCH CIRCUIT PANELBOARD

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DEDIGATED 240 VOLT RECEPTAGLE, SIZE BREAKER AND WIRE ACCORDINGLY.

A MPP, BO YOLT, NEMA 3-1396 GRANDING TYPE DUPLEX RECEPTACLE W BELF-CONTAINED ARC FAULT INTERPRITIONS PROVIDENCE. THE 1°TO CENTER NALESS OTHERWISE NOTICE DUPLEX RECEPTACLE NOTICE OTHERWISE. 4-NEX 20 APRIL VOL. 17 APRIL 18 WEE RECEPTACLE YOUND IN CONTON BOX WITH CONTROL 2 AND NALES.

JUNCTION BOX FOR SIGNAGE, SIZE ACCORDINGLY JUNCTION BOX, SIZE ACCORDINGLY.

MEATHERPROOF OUTLET W/ GFJ.

Q.

Q.

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HOMERIN TO PANELBOARD, 3/4" MINIMUM.
LETTER NOICATES PANEL, NUMBERS INDICATE
CIRCUITS, (TIE) INDICATES CKTS, CONTINUATION.

TV JACK AND/OR ETHERNET JACK 3/4" TO ABOVE CEILING FOR DATA

GROUND MOUNTING HEIGHT (FROM FINISH FLOOR)

20 AMP 120/211 VOLT SINGLE POLE TOSSIE SUITCH F-FAN L-LITE R-RECEPT

20 AMP 120/211 VOLT THREE WAY TOGGLE SWITCH FIRAN LILITE RIRECEPT

⊸

 $\triangleright$ 

GND.
M.H.
TYPL
W.P.
A.F.F.
CDT.
EX'G

TYPICAL WEATHERF

ABOVE FINISHED FLOOR

E-2