

DATE APRIL 6 20
 SHEET OF
 OWNER VAN PHUNY
 CONTRACTOR

GARAGE/STORAGE
 42 HUMISTON AVE; TROY NY

FOUNDATION

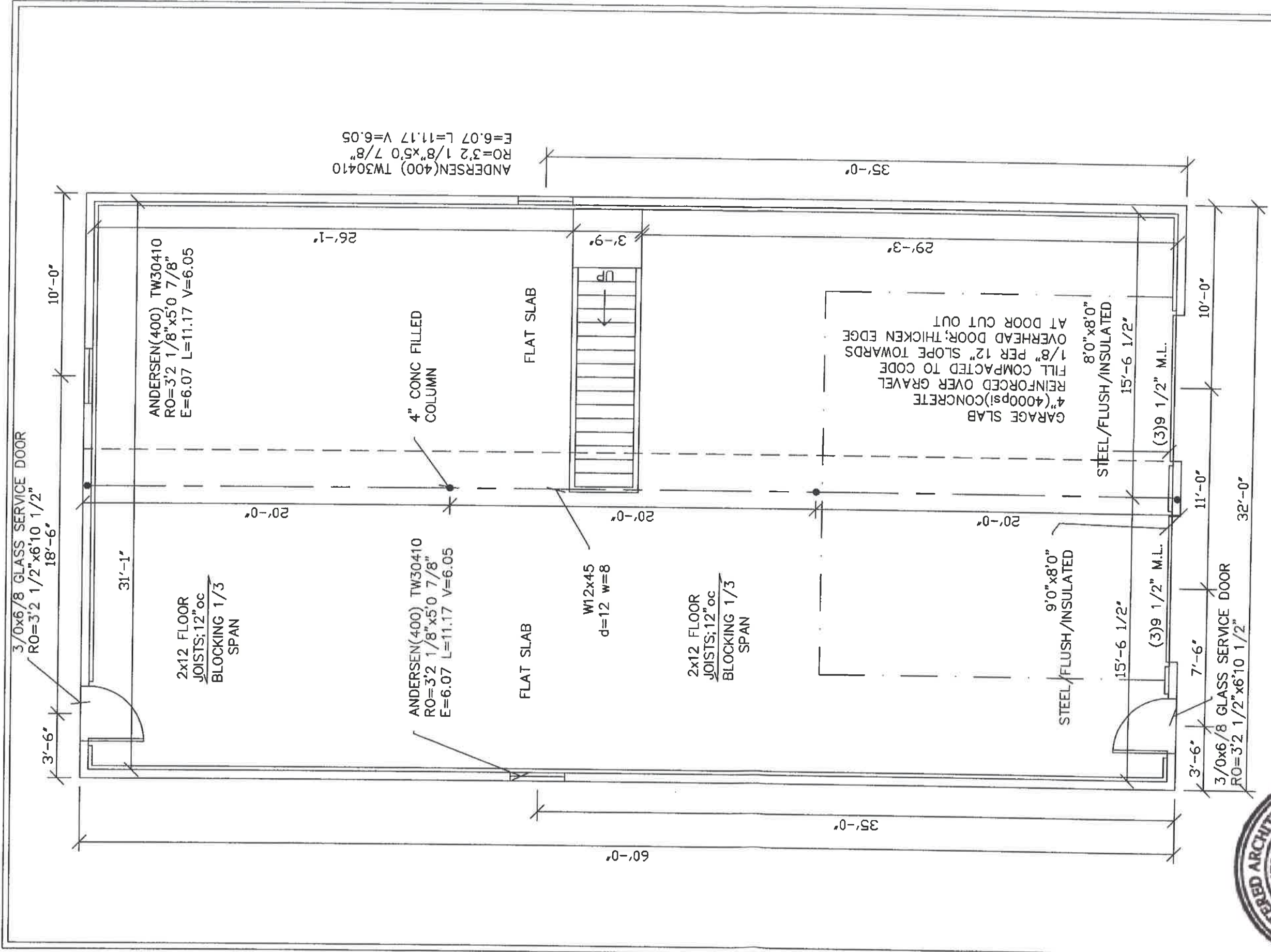
DAVID J. HOPPER ARCHITECT
 CDS
 CREATIVE DRAFTING SERVICES INC
 65 FLANSBURG LANE, VOORHEESVILLE NY
 518 765 9085

DeRaven Design & Drafting
 333 Kingsley Rd;Burnt Hills NY
 518*478*0630

ONE BY: RKO
 SCALE: 3/16"=1'

FILE # APR3VP





ANDERSEN(400) TW30410
 RO=3'2 1/8" x5'0 7/8"
 E=6.07 L=11.17 V=6.05

ANDERSEN(400) TW30410
 RO=3'2 1/8" x5'0 7/8"
 E=6.07 L=11.17 V=6.05

GARAGE SLAB
 4" (4000psi) CONCRETE
 REINFORCED OVER GRAVEL
 FILL COMPACTED TO CODE
 1/8" PER 12" SLOPE TOWARDS
 OVERHEAD DOOR; THICKEN EDGE
 AT DOOR CUT OUT

DATE APRIL 6 20

SHEET OF

OWNER VAN PHUNY
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GARAGE/STORAGE
 42 HUMISTON AVE; TROY NY

FLOOR PLAN

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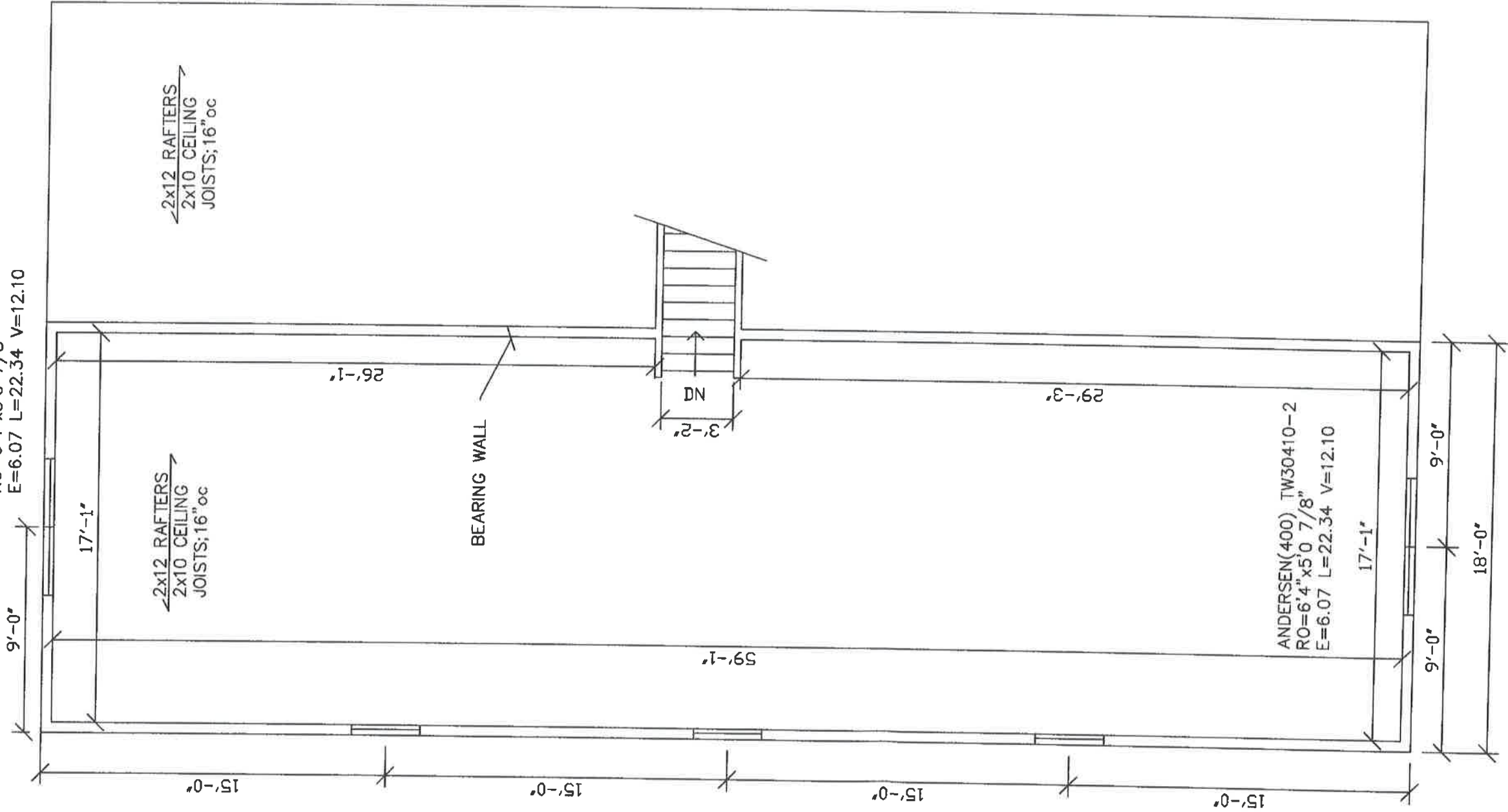
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 3/16"=1'

FILE # APR3VP



ANDERSEN(400) TW30410-2
 RO=6'4" x5'0 7/8"
 E=6.07 L=22.34 V=12.10



←2x12 RAFTERS
 2x10 CEILING
 JOISTS; 16" oc

←2x12 RAFTERS
 2x10 CEILING
 JOISTS; 16" oc

BEARING WALL

ND

ANDERSEN(400) TW30410-2
 RO=6'4" x5'0 7/8"
 E=6.07 L=22.34 V=12.10

ANDERSEN(400) TW30410
 RO=3'2 1/8" x5'0 7/8"
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ANDERSEN(400) TW30410
 RO=3'2 1/8" x5'0 7/8"
 E=6.07 L=11.17 V=6.05



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FLOOR PLAN

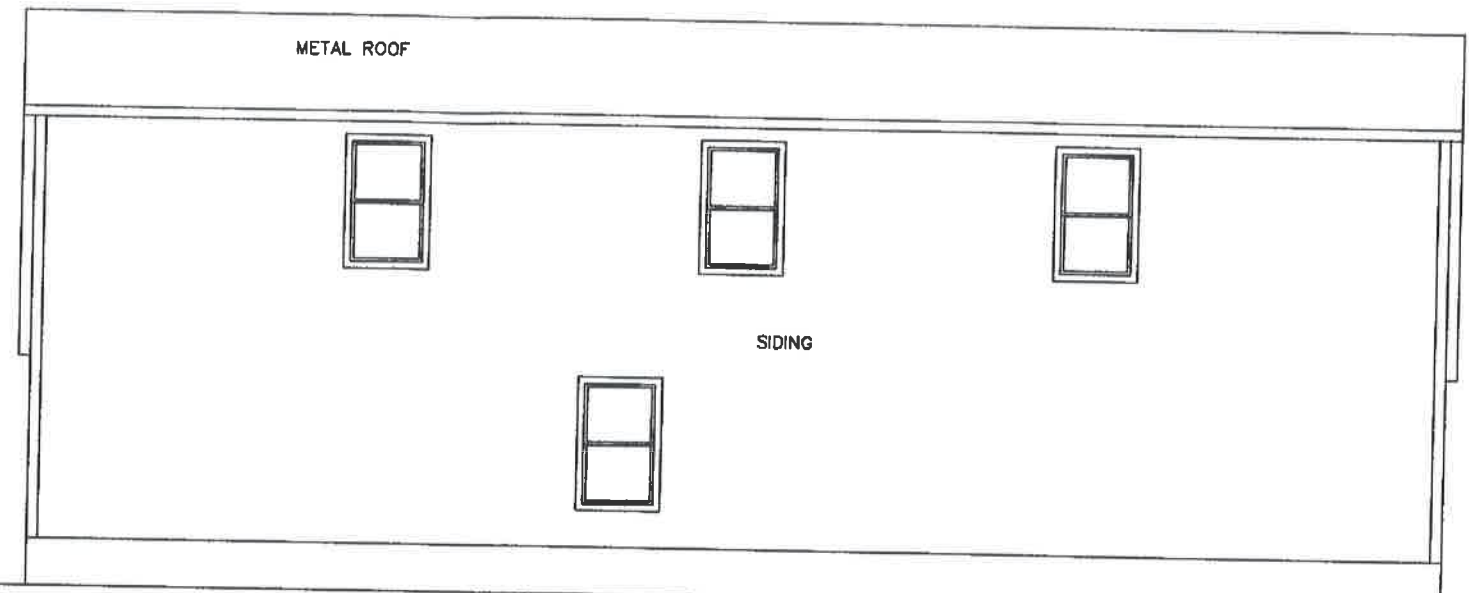
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GARAGE/STORAGE
 42 HUMISTON AVE; TROY NY

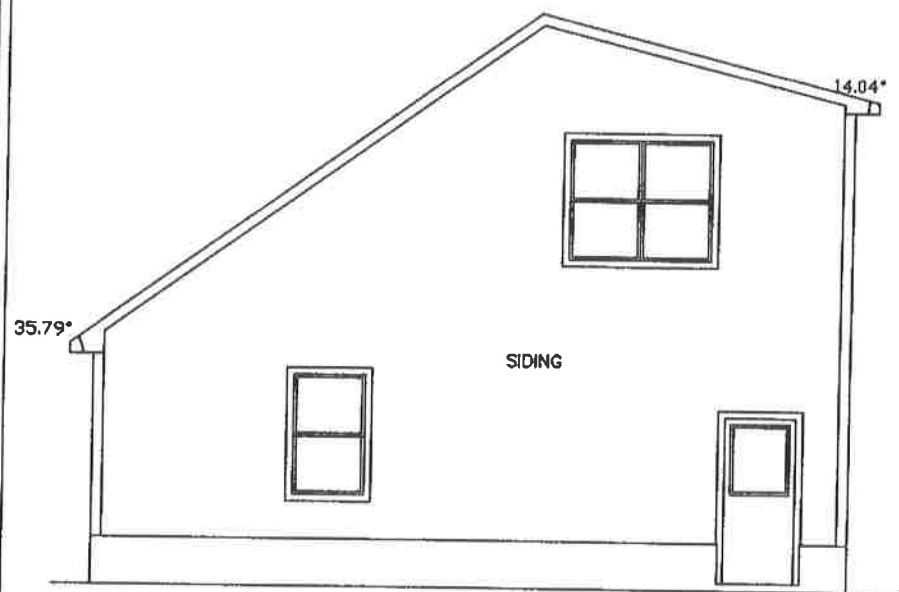
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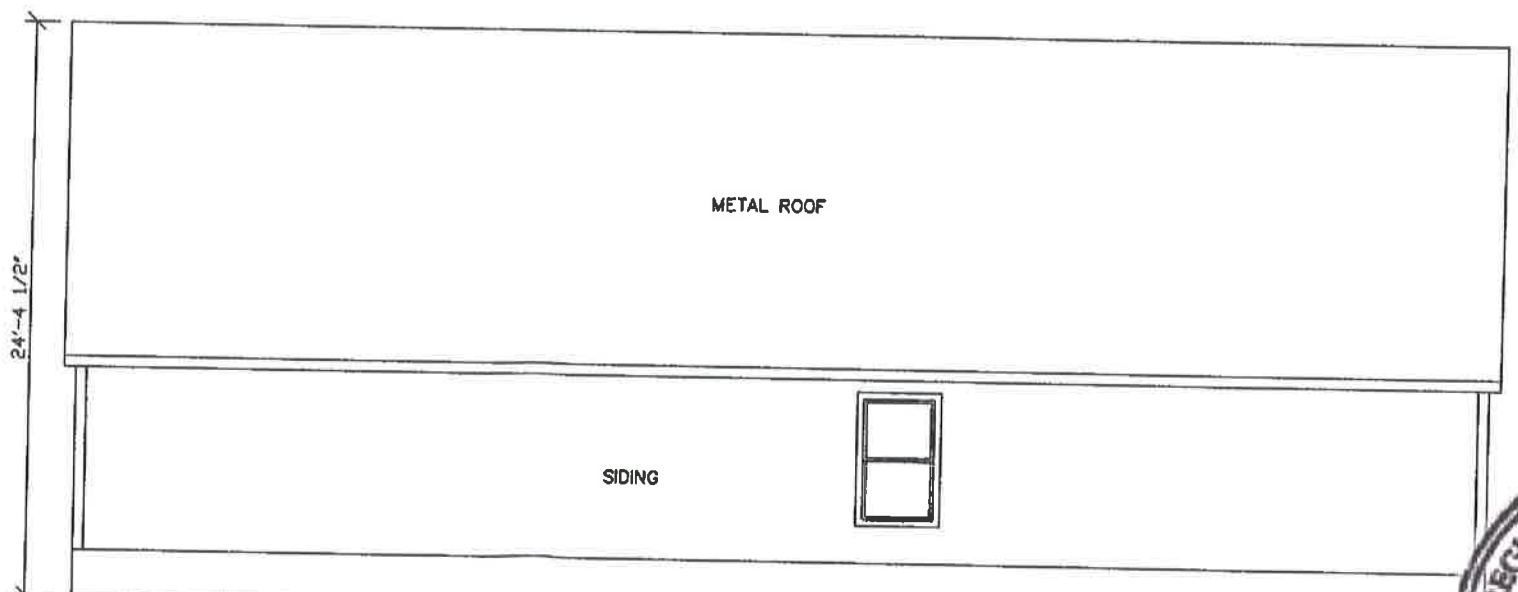
FRONT ELEVATION



LEFT SIDE ELEVATION



REAR ELEVATION



RIGHT SIDE ELEVATION

DATE APRIL 6 20

SHEET OF

OWNER VAN PHUNY
CONTRACTOR

GARAGE/STORAGE
42 HUMISTON AVE; TROY NY

ELEVATIONS

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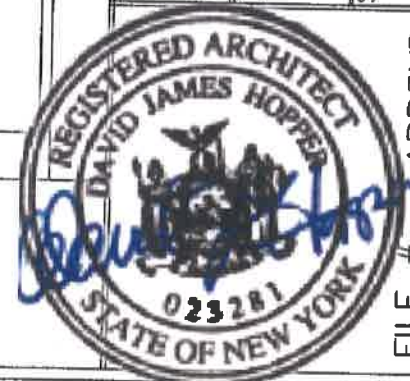
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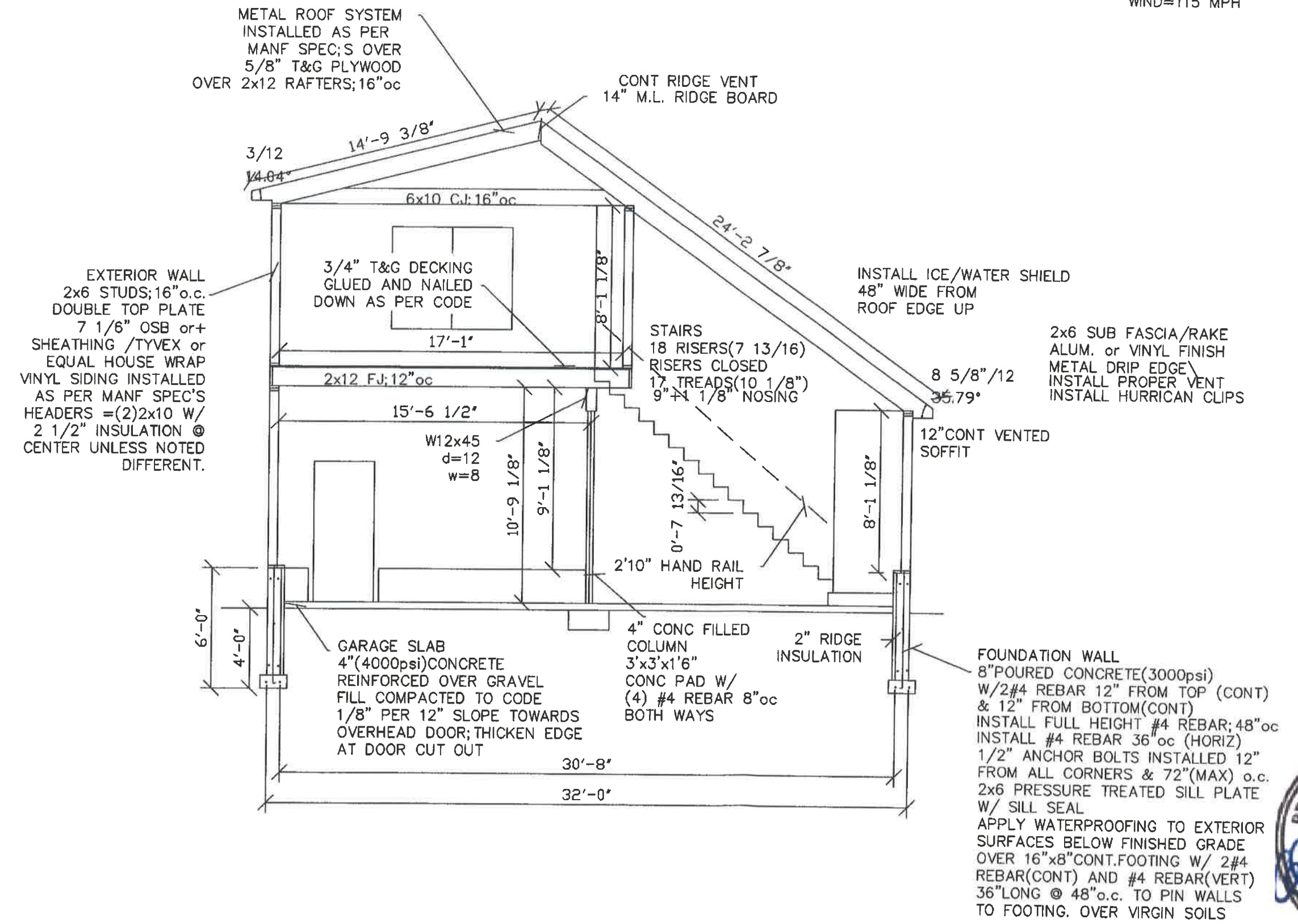
SCALE:

1/8"=1'



FILE # APR3VP

LOADS
 1st FLOOR=55#/SQFT
 2nd FLOOR=45#/SQFT
 ROOF=50#/SQFT
 WIND=115 MPH



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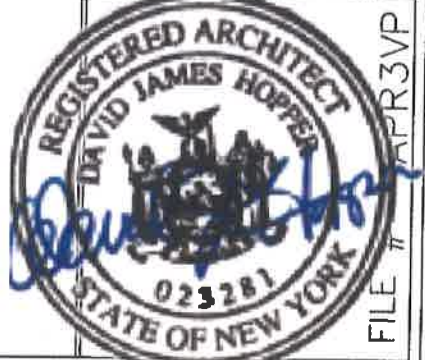
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BUILDING SECTION

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FILE # APR3VP

TIMBER HEAD SCHEDULE

SPAN	HEADER	JACK STUDS
UP TO 3'-6"	(2) 2 X 6	ONE EACH END
UP TO 4'-6"	(2) 2 X 8	TWO EACH END
UP TO 6'-0"	(2) 2 X 10	TWO EACH END
UP TO 7'-6"	(2) 2 X 12	TWO EACH END
UP TO 10'-0"	(2) 2 X 12*	TWO EACH END

OVER 10'-0" SEE FRAMING PLANS
* WITH 1/2" PLYWOOD PLATE BETWEEN TIMBERS

USE THIS CHART ONLY IF HEADER SIZE IS NOT SHOWN ON PLAN(S)

PLUMBING CHART

FIXTURE	DRAINAGE	VENT	SUPPLY
WATER CLOSET	3"	3"	3/8"
LAVATORY	1-1/2"	1-1/2"	3/8"
BATH TUB	1-1/2"	1-1/2"	1/2"
KITCHEN SINK	1-1/2"	1-1/2"	1/2"
SHOWER	2"	1-1/2"	1/2"
HOSE BIB	—	—	1/2"
WASHER	1-1/2"	1-1/2"	1/2"

GENERAL NOTES

- 1) THE CONTRACTOR SHALL APPLY FOR AND PROPERLY POST REQUIRED BUILDING PERMITS AS WELL AS ARRANGE FOR ALL REQUIRED INSPECTIONS BY THE LOCAL BUILDING DEPARTMENT AND/OR ANY OTHER AGENCY HAVING JURISDICTION.
- 2) ALL CONSTRUCTION SHALL CONFORM TO APPLICABLE STATE/LOCAL BUILDING CODE REQUIREMENTS AND SHALL BE IN ACCORDANCE WITH THE RESIDENTIAL CODE OF NEW YORK STATE.
- 3) CONTRACTORS SHALL PERFORM ALL MISC. REMOVALS, MODIFICATIONS, CONSTRUCTION AND CLEANUP REQUIRED TO COMPLETE THE GENERAL SCOPE OF THIS PROJECT.
- 4) CONTRACTOR SHALL PROVIDE ALL REQUIRED MATERIAL AND COMPONENTS NECESSARY, (SUCH AS NAILS, SCREWS, SEALANT, FLASHING ETC...) TO PROVIDE A STRUCTURALLY SOUND AND WEATHER TIGHT BUILDING.
- 5) CONTRACTOR IS RESPONSIBLE FOR ALL MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES AND SAFETY PRECAUTIONS IN CONNECTION WITH THE WORK.
- 6) CONTRACTORS SHALL INDEMNIFY THE OWNER AND HIS AGENTS THROUGH ADEQUATE INSURANCE COVERAGE AGAINST ANY CLAIMS ARISING FROM INJURIES DURING CONSTRUCTION OR FAILURE TO MAINTAIN SAFE CONDITIONS ON THE CONSTRUCTION SITE.
- 7) CONTRACTOR SHALL VERIFY ALL CONDITIONS, DIMENSIONS, ROUGH-OPENING SIZE, ROOF PITCHES, ETC.. AT THE SITE PRIOR TO BEGINNING CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR DEVIATION FROM THESE DRAWINGS FOR REVIEW AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ERROR WHICH ARE NOT REPORTED.
- 8) UNAUTHORIZED ALTERATIONS TO THESE DRAWINGS IS A VIOLATION OF NYS EDUCATION LAW ARTICLE 146, SECTION 7209.
- 9) DIMENSIONS ARE GIVEN FROM FACE OF EXTERIOR FRAMING TO FACE OF INTERIOR FRAMING (TYPICALLY) UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS FOR DIMENSIONS. DIMENSIONS SHALL BE READ OR CALCULATED AND SHALL BE FIELD VERIFIED BY THE BUILDER.
- 10) ANY STRUCTURAL MEMBER SUBJECT TO CUTTING, DRILLING OR NOTCHING SHALL BE REINFORCED, REPAIRED AND / OR REPLACED, AND LEFT IN A SAFE, STRUCTURALLY SOUND CONDITION IN ACCORDANCE WITH THE REQUIREMENTS OF THE NYS BUILDING CODE.
- 11) ALL ELECTRICAL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE REQUIREMENTS.
- 12) ALL PLUMBING SHALL BE INSTALLED PER STATE PLUMBING CODE AND ALL APPLICABLE LOCAL PLUMBING REGULATIONS.
- 13) DESIGN LOADS: 1st FLOOR LOAD 50 PSF, 2nd FLOOR LOAD 40 PSF, ROOF LIVE LOADS 85 PSF, WIND LOADS (EAVES) 115 mph, WALLS LIVE LOAD 15 PSF
- 14) STANDARD FRAMING LUMBER SHALL BE NO. 2 EASTERN WHITE PINE (OR BETTER), WITH FB=950 PSI AND E = 1,100,000 PSI
- 15) METAL CONNECTORS SHALL NOT BE LESS THAN 0.036" THICK, COATED THICKNESS. GALVANIZED SHEET STEEL: ASTM A 446, GRADE A COATING G60.
- 16) MICROLAM LUMBER SHALL BE STRUCTURALLY RATED AS FOLLOWS: FB = 2900 PSI, E = 2,000,000 PSI.
- 17) INSTALL 2X4 SOLID WOOD BLOCKING AT MID HEIGHT OF ALL WALLS OVER 6' IN HEIGHT.
- 18) INSTALL DOUBLE FLOOR JOISTS UNDER PARALLEL PARTITIONS 6' OR MORE IN LENGTH.
- 19) ALL COLUMNS AND OTHER SOLID FRAMING SHALL EXTEND DOWN THROUGH ALL LEVELS AND TERMINATE AT THE FOUNDATION LEVEL AND BE SUPPORTED BY THE CONCRETE FOUNDATION WALLS AND FOOTINGS.

DATE: _____ SHEET: _____ OF _____
OWNER: _____ CONTRACTOR: _____

GENERAL NOTE 5
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DONE BY: RKO
SCALE: _____

GROUND SNOW LOAD	WIND DESIGN		SUBJECT TO DAMAGE FROM WIND		WATER RESISTANCE	ICE BARRIER UNDERLAYMENT REQUIRED*	FLOOD HAZARDOUS*	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph)	Topographic Effect	Windborne Debris	CATERGORY					
50	115	NO	NO	NO	5	YES	1975 FAD 1520	40.3	

For B: 1 pound per square foot = 0.0479 kPa, 1 mile per hour = 0.447 m/s.
a. Windward wall requires a higher strength concrete or grade of masonry than necessary to satisfy the structural requirements of this code. The windward column shall be filled with the reinforcing iron, C 602.
b. The first floor depth may require deeper footings than indicated in Figure R402.1(1). The jurisdiction shall fill in the foot line depth column with the minimum depth of footing below finish grade.
c. The jurisdiction shall fill in this part of the table to indicate the wind protection depending on whether there has been a history of local hurricanes or tropical storms.
d. The jurisdiction shall fill in this part of the table with the wind speed from the basic wind speed map (Figure R301.2(4)A). Wind exposure category shall be determined on a site-specific basis in accordance with Section R301.2.1.1.
e. The outdoor design dry-bulb temperature shall be selected from the columns of 97% percent values for winter from Appendix D of the International Plumbing Code. Deviations from the Appendix D temperatures shall be permitted to reflect local climates or local weather experiences as determined by the authority having jurisdiction.
f. The jurisdiction shall fill in this part of the table with the climate design category determined from Section R301.2.1.1.
g. The jurisdiction shall fill in this part of the table with the date of the jurisdiction's entry into the National Flood Insurance Program (date of adoption of the first code or ordinance for management of flood hazard areas). (b) the date of the Flood Insurance Study and (c) the panel number and date of the currently effective FIRM and either flood hazard map adopted by the authority having jurisdiction, as amended.
h. In accordance with Section R905.4.3.1, R905.5.3.1, R905.5.3.1, R905.7.3.1 and R905.8.3.1, where there has been a history of local damage from the effects of ice-damming, the jurisdiction shall fill in this part of the table with "YES". Otherwise, the jurisdiction shall fill in this part of the table with "NO".
i. The jurisdiction shall fill in this part of the table with the 100-year return period air freezing index (BFD-100yr) from Figure R402.3(2) or from the 100-year (99 percent) value on the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)".
j. The jurisdiction shall fill in this part of the table with the most annual temperatures from the National Climatic Data Center data table "Air Freezing Index-USA Method (Base 32°F)".
k. In accordance with Section R301.2.1.5, where there is local historical data demonstrating structural damage to buildings due to topographic wind speed-up effects, the jurisdiction shall fill in this part of the table with "YES". Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
l. In accordance with Figure R301.2(4)A, where there is local historical data demonstrating unusual wind conditions, the jurisdiction shall fill in this part of the table with "YES" and identify any specific requirements. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.
m. In accordance with Section R301.2.1.2.1, the jurisdiction shall indicate the wind-borne debris return period. Otherwise, the jurisdiction shall indicate "NO" in this part of the table.

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