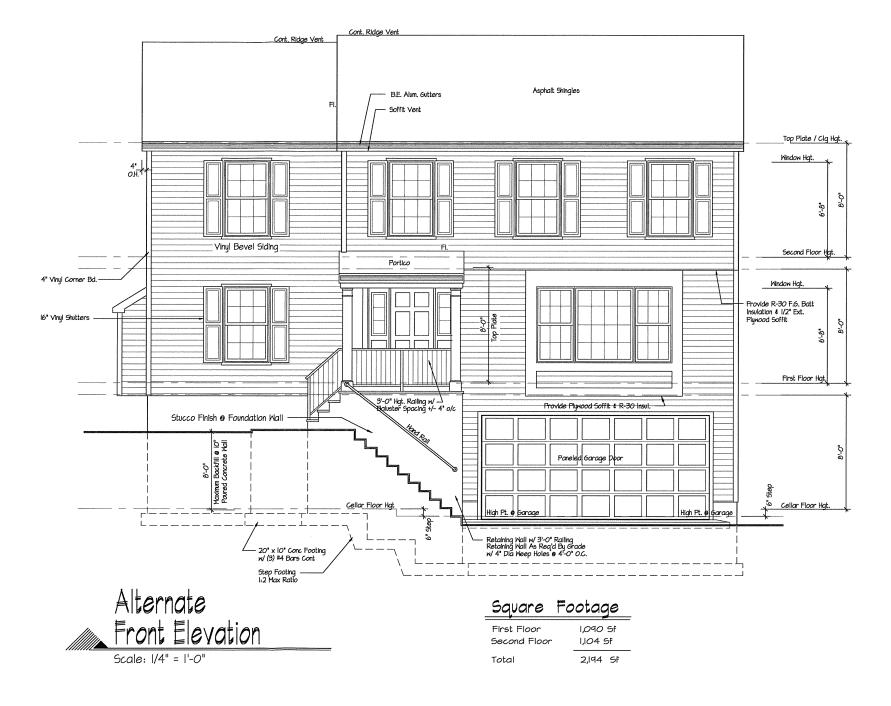
Residential Code Of New York State

Ground Snow Load	Wind	Selsmic			n Criteria				
Snow Load			5	bject To	Damage Fi	rom	Winter	ke Shield	Flood
	Speed (mph)	Design Category	Heathering	Frost Line Depth	Termite	Decay	Design Temp.	Underlayment Required	Hazards
45 lb/ft	40-100 mph	С	5evere	42"	Moderate Heavy	Slight Moderate	7°F	Yes	
# B∪	ilding Dept To Verify	Design Crite	erka						
Ground Snow Load	45 lb/ft		Table R8025.1(4) 2 x 10 Rafters a 16° o/c						
Mind Speed (mph)	90-100 mph	Simpson H3 Clips 32* o/c Optional: 2 x 4 Tlebacks Uplift Capacity Per Manufacturer 455 lbs At 32* o/c						acks	
Selsmic Design Category	С	Category "C" One & Two Family Dwelling Exempt See Section R301.2.2.4							
Meathering	5evere	Conc. Walls Fc 3000 psi Conc. Floors Fc 3500 psi See Spec. Sheet							
Frost Line Depth	42"	42° Min Depth Belon Grade. See Spec. Sheet See Elevations							
Termite	Moderate Heavy	Alum. Termite Shleid Provided Optional: Provide Chemically See Typical Wall Section Treated Soil							
Decay	Slight Møderate	Decks & Sill Plates At Conc. Foundation To Be Pressure Treated Per Section R323							
Winter Design Temp.	7 ⁰ F	See Spec Sheet For HVAC System Requirements							
ice Stield Underlayment Required	Yes	Self-sealing rubberized asphalt and polyethylene waterproof membrane (min. 36° wide) at all eaves by See Spec, Sheet							
Flood Hazards		Site Engineer To Check FEMA Map If Flood Plain Exists On Property							
Electrical System		Electrical System Shall Be Designed To Comply With NEC 70 Specification							
Assumed Soil Loading		On 2	me Footin 000 psi : Spec. She	ig Design Soll eet	Based	Note: Consult So Questiona		eer If Condition E	dst
		Carbon Monoxide Detector w/ Battery Back-Up o Floors of Sleeping Area							



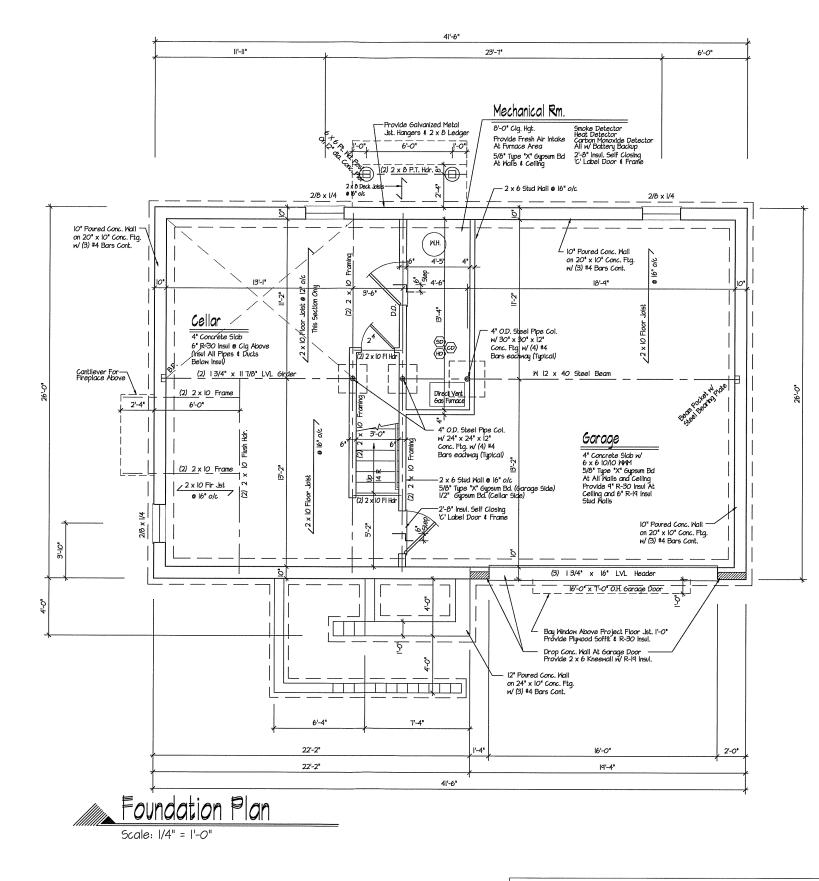
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Notes:

Legend:

(SD)

 $\langle HD \rangle$

(CD)

Span

Note:

Up To 3'-0" Up To 4'-0" Up To 6'-0"

Double Frame Under All Partitions Parallel To Framing

If Tile Floor Is To Be MVD Job Consult Architect For Additional Framing Required

(4) 2 x Wood Post or As Noted

Mood Header Schedule

Unless Otherwise Noted On Plans

Smoke Detector w/ Battery Back-Up

Heat Detector w/ Battery Back-Up

Carbon Monoxide Detector w/ Battery Back-Up

Header Size

(2) 2 x 8 Hdr (2) 2 x 10 Hdr (3) 2 x 10 Hdr

Residence For Roosa Lane, Ossining, NY

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GOENEY & DEMASI AIA

Architects

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All Framing Members To Be # 2 Douglas Fir- Larch Or Better Double Frame Under All Partitions Parallel To Framing

If Tile Floor Is To Be MUD Job Consult Architect For Additional Framing Required

Legend:

(4) 2 x Wood Post or As Noted Smoke Detector w/Battery Back-Up (SD)

(HD)

Heat Detector w/ Battery Back-Up

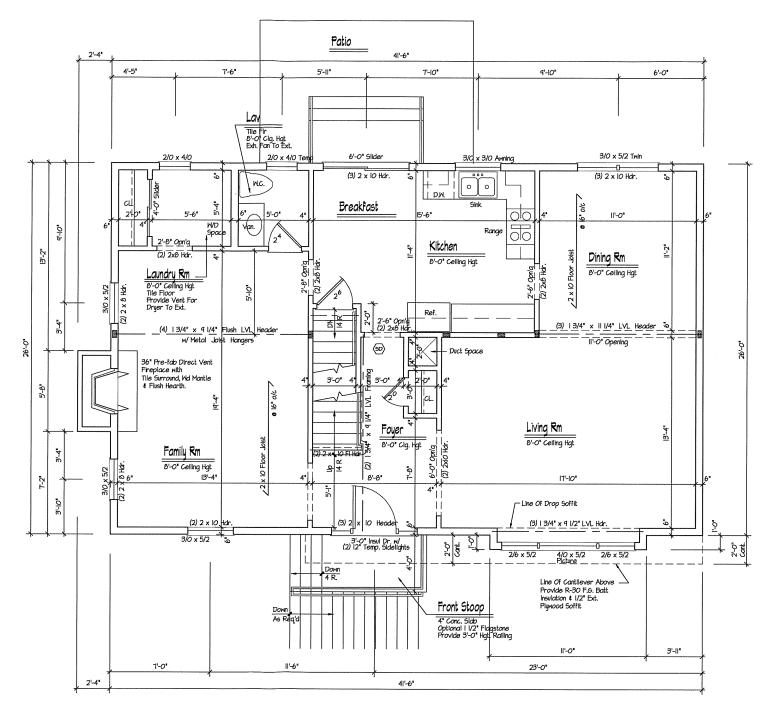
Corbon Monoxide Detector w/Battery Back-Up (CD)

Mood Header Schedule

Span Header Size Up To 3'-0" Up To 4'-0" Up To 6'-0" (2) 2 × 8 Hdr (2) 2 × 10 Hdr (3) 2 × 10 Hdr

Note:

Unless Otherwise Noted On Plans





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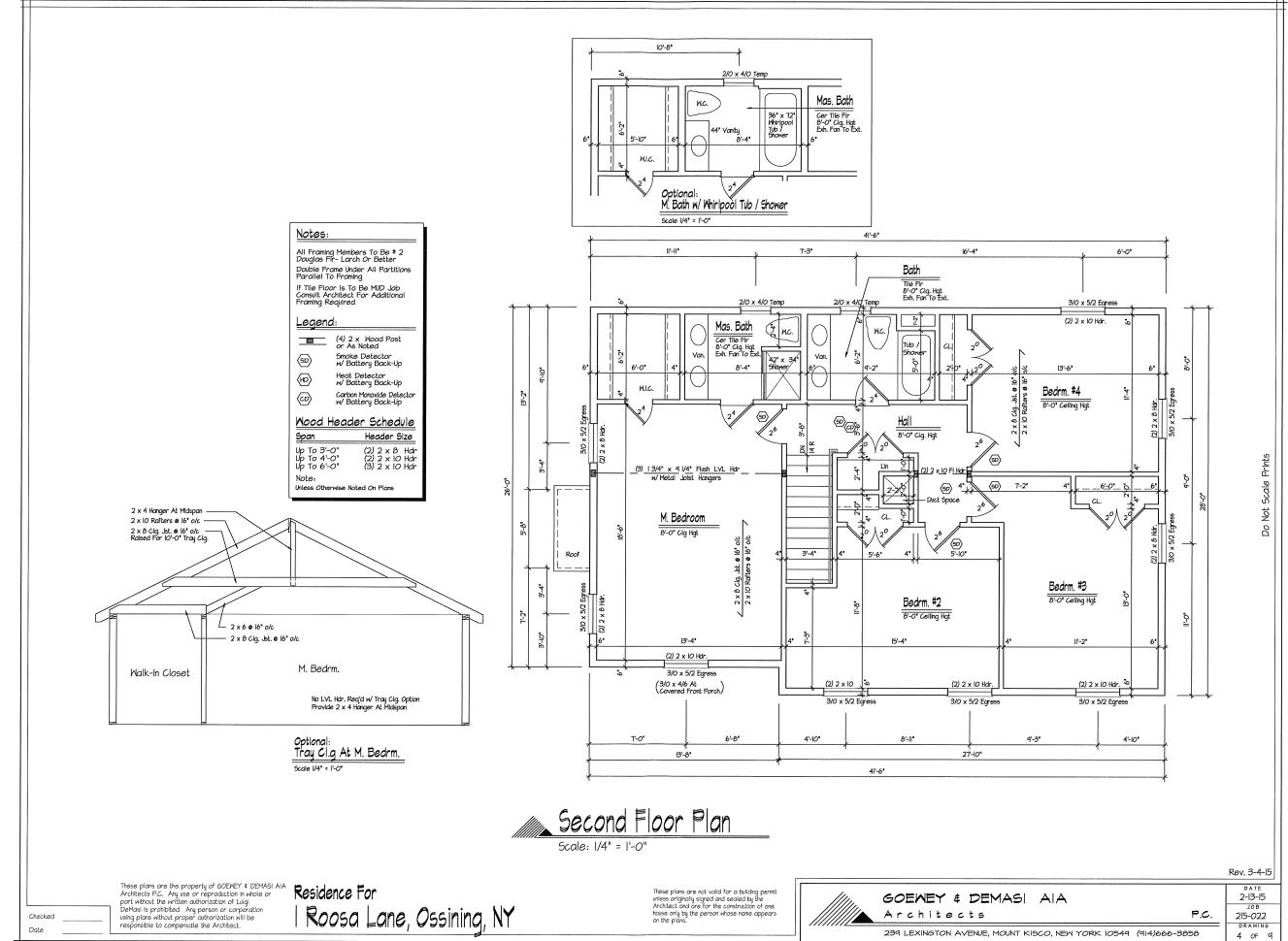
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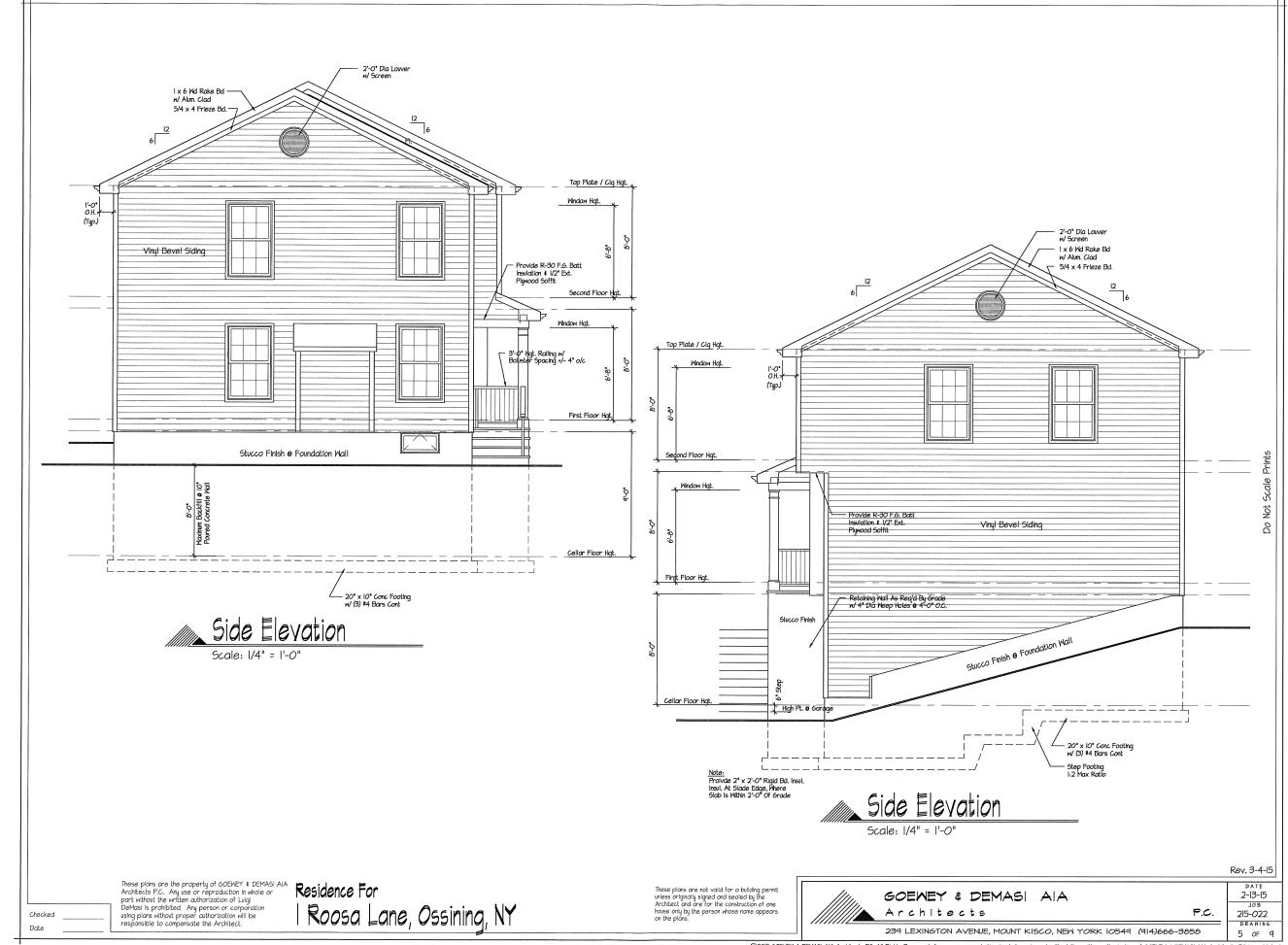
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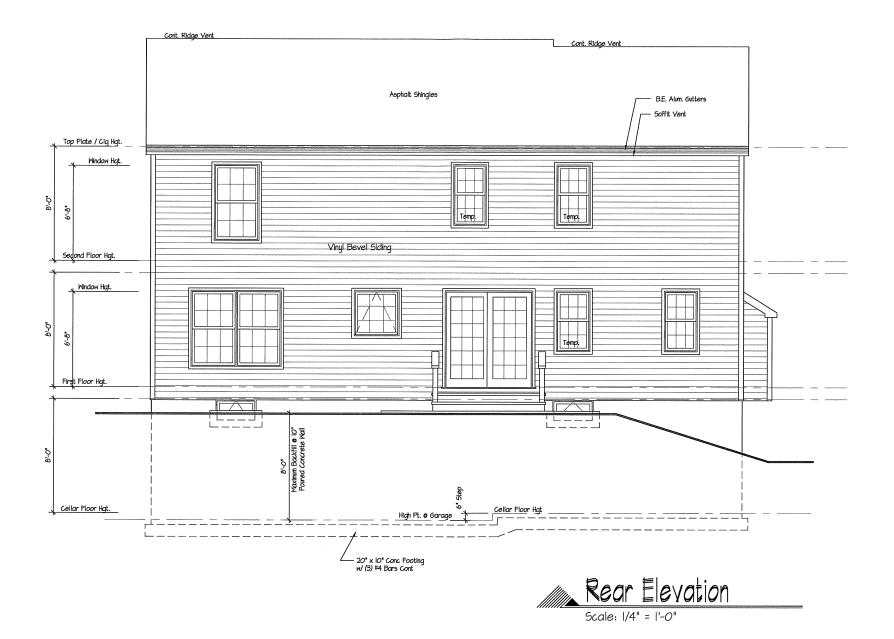
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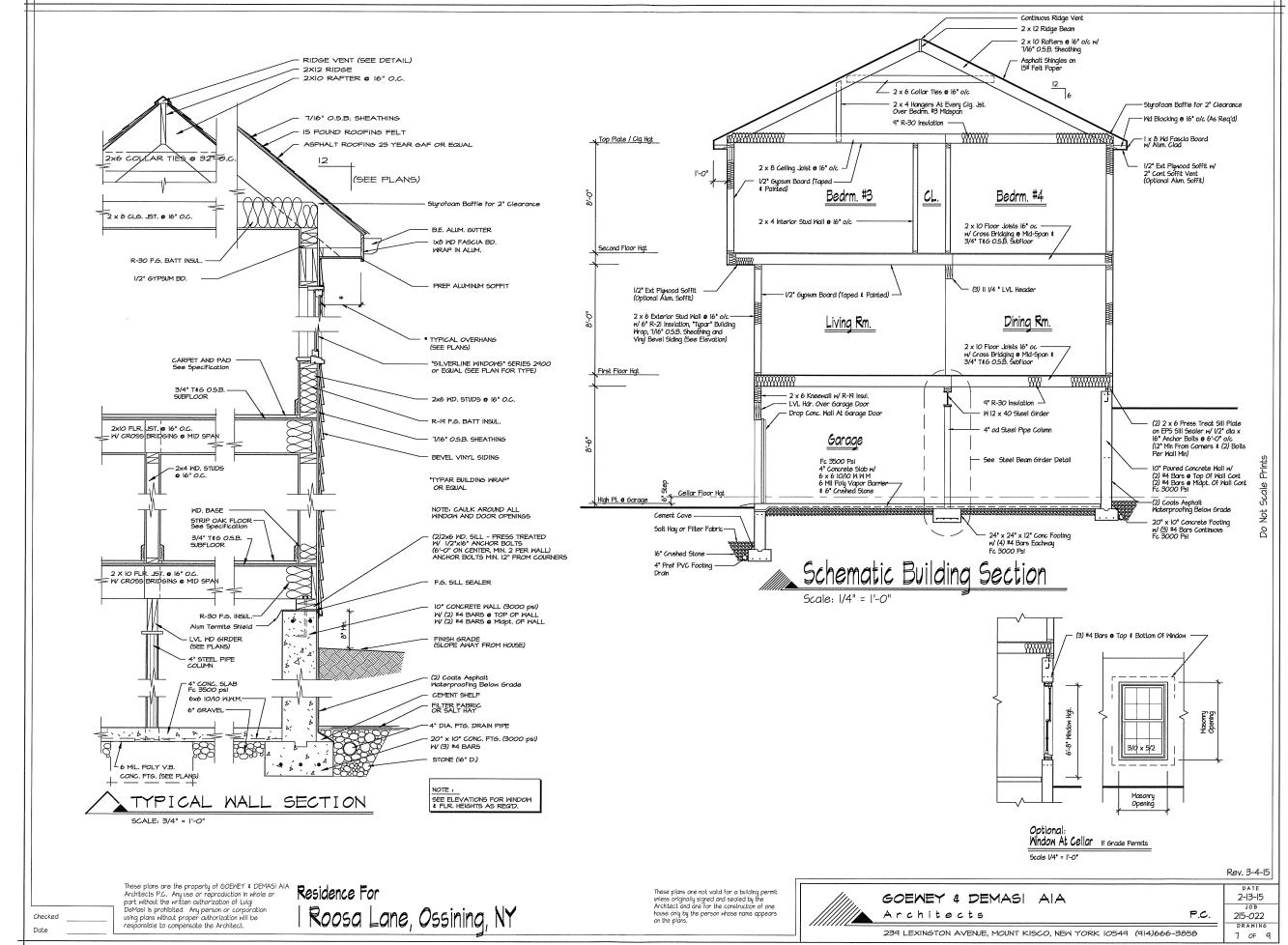
Date

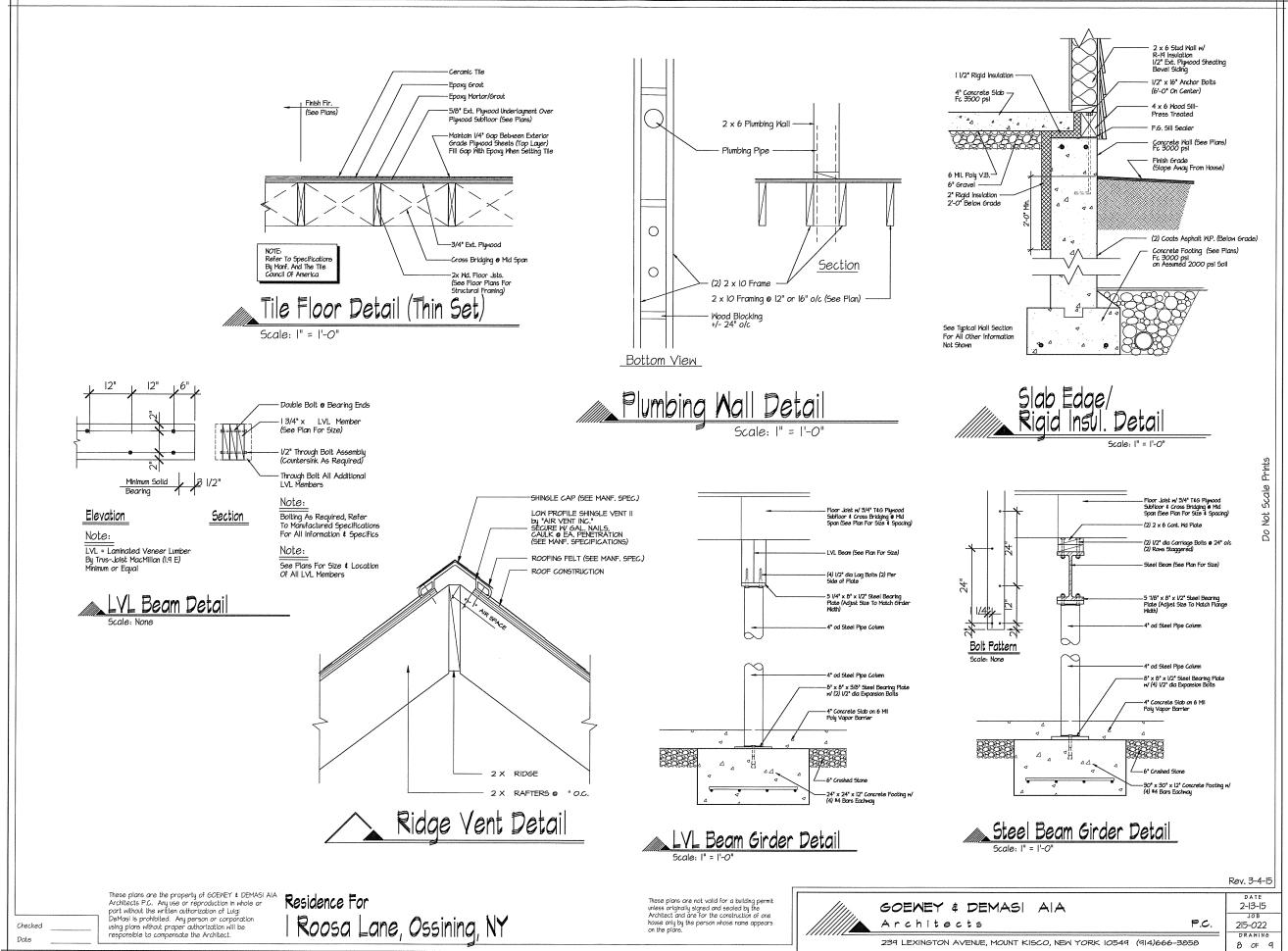
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SCOPE OF WORK: The Contractor shall provide all labor, materials, appliances and equipment required to complete all work, etc., as shown on the drawings necessary for a complete job, unless otherwise specified. All material and workmanship shall be of good quality.

OMISSIONS: All written figures (notes and dimensions) on the floor plans or specifications shall take precedence over any drawn figures (elevations). Do not scale prints. All dimensions must be verified by the contractor before start of construction. Any discrepancies on the plans or specificcations must be reported to the Architect prior to the start of

CODES: All work and materials must conform to all local and The Residential Code of N.Y.S., National Board of Fire Underwriters, Energy Conservation Code of New York State and requirements of the Board of Health.

ACCEPTABLE BUILDING STANDARDS, Installation of materials shall comply with habstry standards as instituted by the national association or equivalent group of material used. Acceptable associations shall include, but are not limited to, the following: Mestern Wood Products Assoc., Cedar Shake & Shingle Bureau, Brick Industry Assoc., Tile Council of America, National Roofing Contractors Assoc and American Concrete Institute, etc

MATERIALS: Shall be installed according to the manufactower's specifications. All work shall comply with applicable sections of the state and local codes and the generally accepted standards as listed in the state building code.

SITE CONDITIONS: The General Contractor shall verify all conditions before submitting his proposal. No allowance for extra charges will be permitted because of lack of knowledge of the conditions peculiar thereto except a otherwise specified elsewhere in the contract documents. Each contractor will be responsible for his own engineer ing and layout once the owner has established property lines and minimum number of benchmarks. The contractor shall verify all lines, levels and dimensions shown on the drawings and will be held responsible for the correctness and setting out of his work.

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ARCHITECT STATUS: Architect has not been retained by owner to provide periodic job inspections or job administration. Purchaser of the plans shall assume full responsition. sibilities for any deviations or changes to these plans.

Excavation:

FOUNDATION: Excavate all earth, boulders, loose and soft rock to the lines and depths indicated on the grawings. All footings to bear 12" below solid undisturbed earth

FOOTINGS: To bear 12" Below solid undisturbed earth. Design of footings are based on 2000 PSF soil. If soil bearing conditions are questionable, contractor shall consult engineer for footing design. Sloped footings shall be 1:2 max slope.
Provide (2) #4 bars continuous (refer to wall section). All footings bearing from rock to soil shall be reinforced with (4) #5 bars (6' min. on both sides of joint). Dowel and pin all footings bearing on rock with a slope greater than 7:12 (30 degrees) w/ #4 dowels @ 24" o/c max

FINISH GRADING: Finish grading shall be established to provide surface drainage in all directions away from the house and excavated areas.

Concrete & Masorru:

CONCRETE FLOORS: Shall be a minimum of 3500 PSI compressive strength. Shall have a smooth, dense steel trowel finish, suitable to receive composition flooring. Concrete floors in living areas shall have 6 mil. polu vapor barrier and 2" x 24" (min) rigid polystyrene foam insulation around the perimeter of the slab, where slab is within 2'-0" of grade. Pitch all garage and porch floors for drainage. (1/8"/ft. min.)

POURED CONCRETE FOUNDATION WALLS: Shall be a minimum of 3000 PSI compressive strength. Shall comply with the latest edition of American Concrete Institute Specification and shall be plumb, straight, level and true Forms to be properly constructed to hold concrete. Provide (2) #4 bars located at top and bottom of wall. All reinforcing bars for concrete work shall conform to A.S.T.M. A615 grade 60.

MASONRY: Concrete block shall be load bearing laid level, plumb and straight in a full bed of cement mortar (TYPE '5') with galvanized metal truss-type ties

e 24' horizontal and vertical. All joints to be well tooled.

All masonry work shall conform to ACI 530 code and all reinforcement work shall conform to ACI 318-71. Fill too

PRE FAB CHIMNEY AND FIREPLACE: Installation of prefab flues and fireplaces shall be in strict accordance with manufacturer's specification. Install firestops as required by code. Fireplace shall be metal prefab with compatible and shall be UL listed.

FIREPLACES: All fireplaces shall have tempered glass fire doors and closable combustion air intake ducts and comply with the N.Y.S. Energy Code.

DAMPROOFING: Foundation wall shall be damproofed with two (2) coats of asphalt waterproofing over 1/2" cement parge (block wall) or cement wash (poured wall). Provide 4" perforated pipe footing drain laid in 16" stone with layer of salt hay over. Drain to outflow above ground

Miscellaneous Metals:

STEEL: Shall conform to ASTM specification A-36 for

FLITCH BEAMS: All steel plates shall conform to ASTM specifications A-36 for structural steel. All bolt holes to be properly drilled. Torched holes are not acceptable.

ANCHOR BOLTS: Provide 1/2" dia. X 16" with hooked end. Bolts to be placed 6-0" o/c max, 12" min. from corner and

Carpentry:

Decay Design Condition: Slight - Moderate Termite Design Condition: Moderate - Heavy.

First Floor Loads	Live Load	40 #/sf
Second Floor Loads	Dead Load Live Load	12 #/sf 30 #/sf
Attic Load	Dead Load Live Load	12 #/sf 20 #/sf
(< 4'-6" Headroom)	Dead Load	12 #/sf
(> 4'-6" Headroom)	Live Load Dead Load	30 #/sf 12 #/sf
Ground Snow Load	Live Load Dead load	45 #/sf 7 #/sf

Wind Speed Design load: 90-100 mph

LUMBER: All framing lumber to be stress grade Douglas Fir Larch No. 2 or better.ng

FRAMING: Framing of the entire house shall be erected planb, level and true, securely noilled. Joists, stude and araters shall be doubled doove all openings. All flish headers shall be comected with metal joist hangers. Double frame under all partitions parallel to framing.

Sizes of Joists, sheathing and ratters are shown on plans.

Provide solid blocking under all posts.

TERMITE SHIELD: Shall be bent aluminum with sealed lapped Joints (refer to wall section for other information).

SILL PLATES: All wood sill plates that rest on concrete or macorry exterior walls shall be pressure preservatively treated in accordance with ANFA standards or shall be of eacu-resistant heartwood of redwood, black loads, or cedars. All sill plates to be set on fiberglass sill sealer or acut

GLULAM BEAM: Shall be No. | Doualas Dir (min. Fb-2200

I AMINATED VENEER BEAM, Shall be "Microlan I GE" by Trus Joist MacMillan or equal, min. fb. 2600. Install as per manufacturer's specifications. Install as per manufacturer's specifications.

SUB FLOOR: Shall be 3/4" O.S.B. T&G interior with exterior glue plywood glued and screwed to each framing member 6 of o.c.

SHEATING: Shall be 7/16* 0.5.B. nailed to each framing membe

WOOD DECKS AND RAILINGS: Where shown on plans, shall be pressure treated No. I Southern yellow pine wood. All nails, bolts and all metal fastenings to be

WINDOWS: Shall be Silverline Series 2900 DH or equal with insulated glass, grill and screens. Size and type shown on plans. Provide tempered glass where shown on plans

PATIO DOORS: Shall be Silverline Series 5500 Patio Door or equal with tempered insulated glass and screens.

VINYL SIDING: Shall be viryl as manufactured by "Royal Building Products" or equal .042 nomial thickness. Color to be chosen by owner. House shall be wrapped with TYVEC or equal house wrap.

OVERHEAD DOORS: Shall be raised panel insulated steel (with factory finish) complete with all weather stripping and hardware as manufactured by Raynor, Overhead Doo

INTERIOR DOORS: Shall be 13/8" six panel intricit bouch: Stall be 13/0 six panel colonial hollow core Masonite doors primed and painted, complete with hardware and casing. Sliding, by-fold and packet doors shall be 13/0" six panel colonial hollow core Mosonite doors primed and painted or as shown on plans, complete with hardware. A self-closing "C" label insulated door and frame shall be provided between garage and house.

EXTERIOR DOORS: Shall be steel insulated, raised panel entry doors with windows or side lites as per plan.

EXTERIOR TRIM: Fascias & Rake Board shall be 1 x wood covered w/ B. E. Aluminum. All other fascias and trim shall be white vinyl as manufactured by "Royal Building Products" or equal (size and shape as shown on plans).

ASPHALT SHINGLE ROOF: Shall be 25 year asphalt

ROOFING: Provide self-sealing rubberized asphalt and revorins: Provide self-sealing notberlized asphalt and pollysthylene waterproad membrane (mn. 36* wide) at all eavies by MR. GRACE & CO, or equal. All chimneys shall be properly flashed with soldered copper cap and base flashing. Valley chimneys shall be properly flashed with soldered copper cap and base flashing. Valley and ventical sent behave at the state of the control of the tracking and the proper cap and base flashing. vertical roof intersection shall be heavy gauge alumin Leaders and gutters shall be baked enamel aluminum properly supported. All rooting shall be installed by qualified be baked enamel aluminum properly supported. All rooting shall be installed by qualified rooting contractors in strict accordance with manufacturer's specifications. The General Contractor is responsible for the installation and performance of the roofing system and shall provide to Owner a minimum one-year limited warranty.

ROOF VENTIL ATION: Ventilate all atty, and rafter spaces with proper sized screened ridge and soffit vents or lowers (see plans).

GYPSUM BOARD: 1/2" nailed with rosin nails according to manufacturer's specifications. All joints to be taped and receive three (3) coats of joint compound. Finish to be *X* appsum board at both sides of garage (house) halls and cellings. Also, provide 100 SF min. over furnace.

GUTTERS AND LEADERS: Provide baked enamel gutters and leaders as required. All leaders and gutters are to be properly supported at all joint areas.

INSULATION: Shall be fiberglass batts with vapor barrier Provide insulation as per Energy Conservation Code of

nuio:	
Ceilings adjoining attic:	R-30
Ceilings adjoining roof:	R-30
Exterior Stud Walls:	R-21
Floor over inhected engage.	p.30

Tile Work:

TILE: Baths and lavatory floors to receive matt glazed tills set in thin-set grout. Installation to be as per latest edition of the Tile Council of America spec-lfications. Consult Architect if other setting methods are to be used to verify floor structure. Tub and shower wall to receive glazed tille set in mastic 6' high (min.)
Provide water-resistant cement backer boards to tub shower walls and all wet areas.

ACCESSORIES AND ATTACHMENTS: Provide accessories such as soap dish, paper holder, 2 towel bars per bath. Provide mirror medicine cabinet with light over Provide formica stack vanity where the control with light over

Painting:

EXTERIOR: All non vinyl fascia and trim shall receive one (I) prime coat and one (I) finish coat of exterior stain or

INTERIOR: Walls to receive one (1) prime coat and one (1) finish coat of latex or oil flat paint. Flush hardwood doors to receive one (1) coat of stain and one (1) coat of satin polyurethane finish. Six (6) panel doors to receive one (1) coat primer and one (1) coat of satin enamel finish. Floors to be sanded and receive one (1) coat of sealer and one (1) coat of floor polyurethane,

TRIM AND MISCELLANEOUS WOOD: Shall have one (I) prime coat and one (I) finish coat of satin ename!

Heating:

HEATING: Shall be gas-fired forced warm-air system with all controls, thermostats, humiditiers, filters, gas service piping, etc., as required. Provide supply and return to each room. Provide min. 50 gal. glass-lined, high recovery UL. approved gas domestic hot water heater. Heating system shall be designed and guaranteed to maintain 13 degrees F indoor temperature with 7 degrees F outdoor

Plumbing:

WORK INCLUDED: Contractor shall furnish all labor. materials and equipment required to fully complete all plumbing work shown on plans.

FLASHING: All pipes passing through roof shall receive aluminum collar, strapped and fitted to provide water-

TESTING: Contractor shall test all water, drainage, and vent piping in accordance with local codes

MATER SUPPLY: Water supply in street or well shall be extended to house with I' heavy copper pipe and entire house shall be supplied with both hot and cold water by means of heavy copper pipe of appropriate sizes, min, 3/4" sub main to each bath, kitchen, and supplied. Provide hook-up for washer where shown,

DRAINAGE SYSTEM: Shall be installed in accordance with local codes and ordinances and shall be complete with copper drains and copper vents, house traps, cleanouts, etc connected to street sewer or septic system Drains under concrete to be cast iron.

FIXTURES: As shown on plans shall be AMERICAN STANDARD, KOHLER, or equal. All exposed fittings and pipe to be chrome plated

SEPTIC AND WELL SYSTEMS: (if required) shall conform to all requirements of the Board of Health.

Electrical:

Electrical: Provide a minimum of 120/208-200 amp, or larger, if required, for service. Switches to be silent type. Locations of outlets, futures, etc, as shown on plans. All electric work to conform to the National Board of Fire Underwriters Codes. Provide a complete door

Contractor to provide exhaust fans at bath rooms (vent to exterior). Provide & Install as per code

Contractor to provide smake & heat detectors with battery back-up (see plans for location). Detectors shall conform to all applicable codes and shall be installed as per

Contractor to provide carbon monoxide detectors with battery back-up (see plans for location). Detectors shall conform to all applicable codes and shall be installed as per building code. (Optional)

Kitchen Appliance:

KITCHEN APPLIANCES: Provide dishwasher, oven, and range with hood and exhaust fan over (vent to exterior). Provide dryer vents to exterior.

Site Work:

SITE WORK: Provide 2" blacktop driveway, 4" gravel base to street. Sidewalks to be 3' wide, 4" concrete or I 1/2" flagstone laid in sand, from house to driveway. Provide top soil and seed to all areas disturbed by

Insulation / Energy Code:

INSULATION: Shall be fiberalass batt with fall faced vapor incut-nitive small be tribergies but with roll rated vipor borrier, "R' value to be: Exterior mails R-21, adhedral celling R-30, celling adjoining attle R-30, Floors over garage, cantillever and cravil space R-30. Pack hisulation in all cavities around all exterior windows, doors and other

AIR LEAKAGE: Joints, penetrations, and all other such openings in the building envelope that are sources of air leakage must be sealed. Recessed lights must be Of the light of the last of th installed with a 3" clearance from insulation. VAPOR RETARDER: Required on the warm-in-winter

side of all non-vented framed ceilings, walls, and

Material Identification:

Materials and equipment must be installed in accordance with the manufacturer's installation instructions.

Materials and equipment must be identified so that

Manufacturer manuals for all installed heating and cooling equipment and service water heating equipment must bede provided. Insulation R-values and glazing U-factors must be clearly marked on the building plans or specifications.

Duct Insulation:

Supply ducts in unconditioned attics or outside the building must be insulated to R-B.

Return ducts in unconditioned attics or outside the building must be insulated to R-4.

Supply ducts in unconditioned spaces must be insulated to R-8.

Return ducts in unconditioned spaces (except basements) must be insulated to R-2 insulation is not required on return ducts in basements.

Duct Construction:

All joints, seams, and connections must be securely fastened with welds, gaskets, mastics (adhesives), mastic-plus-embedded-fabric, or tapes. Duct tape is not permitted. Exception - Continuously welded and locking-type longitudinal joints and seams on ducts operating at less than 2 in. Johns and Sean W.g. (500 Pa).

Ducts shall be supported every IO feet or in accordance with the manufacturer's instructions.

Cooling ducts with exterior insulation must be covered with

Air filters are required in the return air system.

The HVAC system must provide a means for balancina

Temperature Controls:

Each dwelling unit has at least one thermostat conable of automatically adjusting the space temperature set point of the largest zone.

Electrical Systems:

Separate electric meters are required for each dwelling

Fireplaces:

Fireplaces must be installed with tight fitting noncombustible fireplace doors.

Fireplaces must be provided with a source of combustion air, as required by the Fireplace construction provisions of the Building Code of New York State, the Residential Code of New York State or the New York City Building Code, as applicable.

Service Water Heating:

Water heaters with vertical pipe risers must have a heat trap on both the inlet and outlet unless the water heater has an integral heat trap or is part of a circulating system. Insulate Circulating hot water pipes to the levels in Table I.

Circulating Hot Water System:

insulate circulating hot water pipes to the levels in Table I.

Heating & Cooling Piping Insulation:

HVAC piping conveying fluids above 105 degrees F or chilled fluids below 55 degrees F must be insulated to the

Minimum Insulation Thickness for Circulating Hot Water Pipes Insulation Thickness in Inches by Pipe Sizes

Heated Water	Non-Circula	ting Runouts	Circulating Mains &	Runouts
Temp (F) 170-180	Up to I	υρ to 1.25'	15" to 2.0"	Over 2
170-180	0.5	· I.O	15	2.0
140-160	05	05	1.0	15
100-130	05	05	05	Q.I

Minimum Insulation Thickness for HVAC Pipes Fluid Temp. Insultation Thickness in Inches

Piping System Tu	pes Rana	eF B	y Pipe Sizes	à	
	ating Systems		I and Less	1.25' to 2"	25° to
Low Pressure/Temp	201-250	I.O	15	15	2.0
Low Temperature	120-200	05	I.O	1.0	15
Steam Condensate (for feed water)	Any	I.O	1.0	15	2.0
Cooling Systems Chilled Water/					
Refrigerant	40-55	<i>0</i> 5	05	0.75	1.0
And Brine	Below 40	1.0	I.O	15	15

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Residence For Portion Property of Portion 1 Property of Port Roosa Lane, Ossining, NY

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