



RIGHT SIDE ELEVATION



FRONT ELEVATION

NOTE: LIGHT FIXTURE TO BE INSTALLED ON COVERED PORCH GLASS.

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



LEFT SIDE ELEVATION



REAR ELEVATION

STATE OF NEW YORK ADOPTED CODES AND STANDARDS

INTERNATIONAL RESIDENTIAL CODE-NY ED, 2020
NATIONAL ELECTRICAL CODE, 2020
NATIONAL STANDARD PLUMBING CODE, 2020
INTERNATIONAL ENERGY CONSERVATION CODE, 2020 (RESIDENTIAL)
INTERNATIONAL MECHANICAL CODE, 2020
INTERNATIONAL FUEL GAS CODE, 2020
2020 RESIDENTIAL PRESCRIPTIVE PACKAGE

NOTE: TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF, PLANS ARE IN COMPLIANCE WITH THE 2020 IECC & NYS ENERGY CODE

NEW RESIDENCE FOR
MONZON SUBDIVISION

40-45 GRAND AVE.
TAPPAN, NEW YORK

HARRY J. GOLDSTEIN
ARCHITECT

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ARCHITECT
DESIGN & DEVELOPMENT

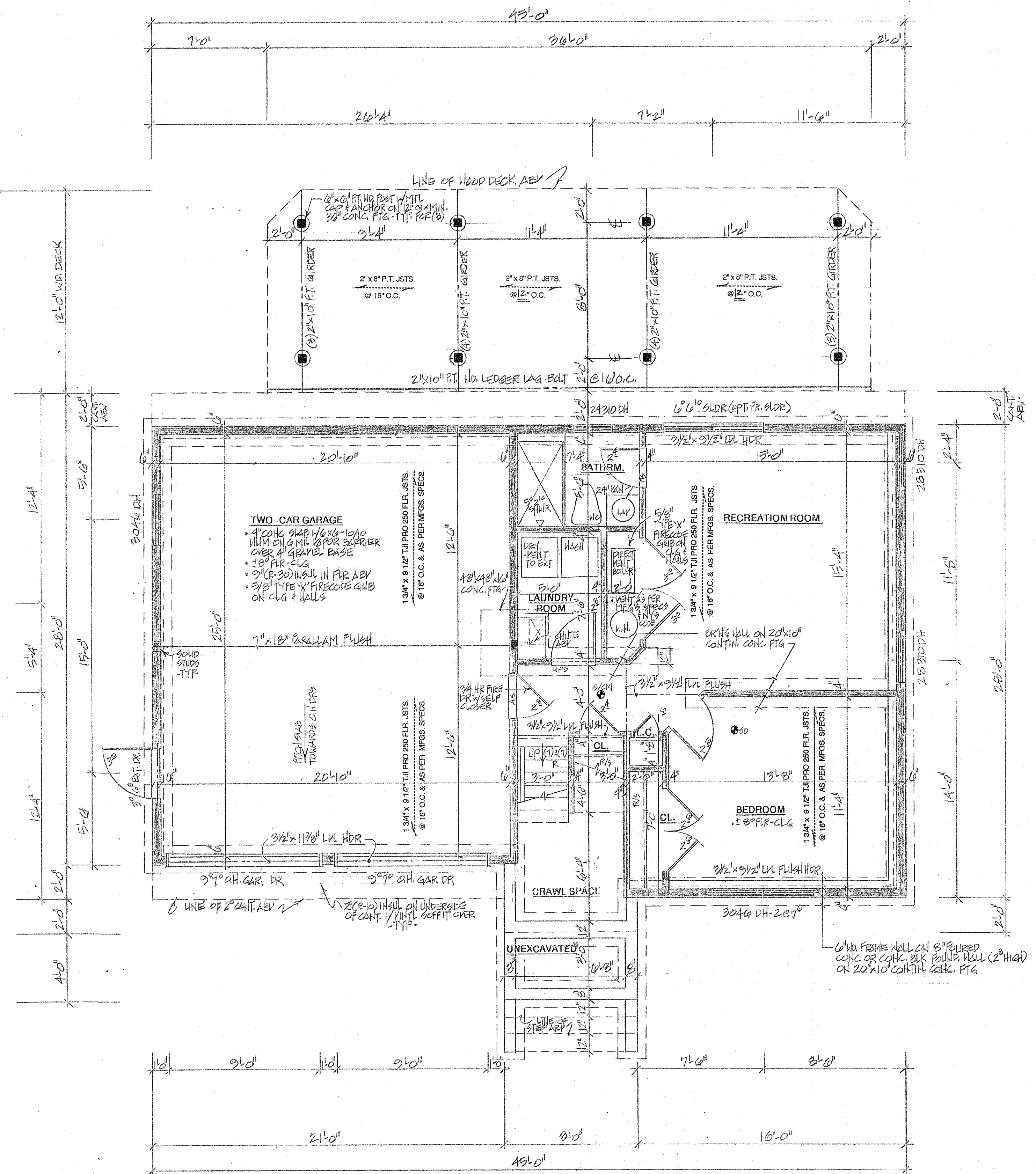
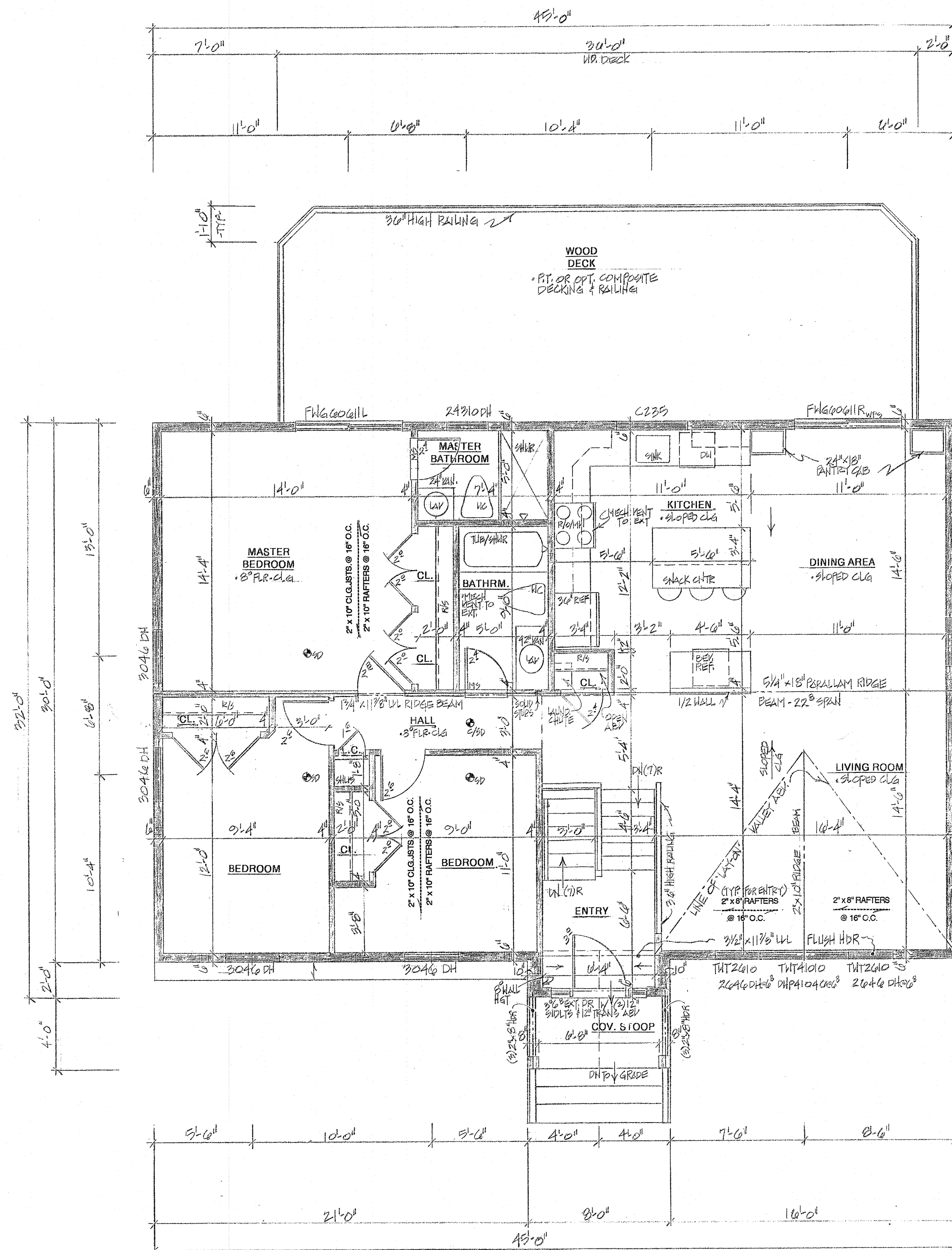
4 REGINA ROAD
MONSEY, NEW YORK 10952
(914) 356-7942 (914) 393-5787

N.Y.S. LICENSE NO. 023518
NOT VALID UNLESS SIGNED & SEALED

ZONING BOARD OF TOWN OF ORANGETOWN
Meeting Of:
NOV 15 2023
Town Of Orangetown

PROJECT 210871
AUGUST 12, 2021

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2
3



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AUGUST 12, 2021

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UPPER LEVEL FLOOR PLAN

UPPER LEVEL LIVING S.F. :1366
TOTAL OVERALL LIVING S.F.:1990

NOTE: ALL HEADERS ARE TO BE (2) 2"x10"
UNLESS OTHERWISE INDICATED

LOWER LEVEL/FOUNDATION PLAN

LOWER LEVEL LIVING S.F. :624
TWO-CAR GARAGE S.F.:555

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

GENERAL SPECIFICATIONS

GENERAL NOTES

- ALL WORK PERFORMED SHALL COMPLY WITH THE BUILDING AND ZONING ORDINANCES OF THE TOWN OF ROCKLAND, NEW YORK, AND THE N.Y.S. BUILDING AND ENERGY CODES.
- THESE PLANS ARE TO BE USED FOR PERMITS & CONSTRUCTION GUIDE ONLY. IT IS NOT INTENDED TO BE USED AS A CONTRACT DOCUMENT, UNLESS OTHERWISE INDICATED BY ARCHITECT.
- CONTRACTOR OR ANY SUBCONTRACTOR DOING ANY WORK UNDER THIS CONTRACT SHALL CARRY LIABILITY AND PROPERTY DAMAGE INSURANCE AGAINST ACCIDENTS OF ALL KINDS AND SHALL FURNISH OWNER WITH CERTIFICATE OF INSURANCE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL DIMENSIONS ON THESE PLANS AGAINST FIELD CONDITIONS PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
- ALL DIMENSIONS AND LOCATIONS AS INDICATED ON THE DRAWINGS SHALL BE CONSIDERED AS REASONABLY CORRECT, BUT IT SHALL BE UNDERSTOOD THAT THEY ARE SUBJECT TO MODIFICATION AS MAY BE NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION TO MEET ANY UNFORSEEN OR OTHER CONDITION.
- ARCHITECT AND RELATED CONSULTANTS HAVE NOT BEEN RETAINED FOR CONSTRUCTION INSPECTION SERVICES OR FOR APPROVAL OF SHOP DRAWINGS. ARCHITECT IS ONLY RESPONSIBLE FOR THESE WORKING DRAWINGS AND THEIR RELATED SPECIFICATIONS. IT REMAINS SOLELY UPON THE CONTRACTOR TO OBTAIN THE NECESSARY APPROVALS AND THE RIGHT OF ANY DISCREPANCY OR CHANGE ON APPROVED PLANS AND OF ANY UNFORSEEN DEVELOPMENT THAT MAY OCCUR DURING THE COURSE OF CONSTRUCTION.
- ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY EXISTING STRUCTURE OR ANY UNFORSEEN PROBLEMS PRIOR TO NEW CONSTRUCTION. ARCHITECT ASSUMES NO RESPONSIBILITY FOR ANY NEW CONSTRUCTION AND/OR DEMOLITIONS OPERATIONS AND METHODS.
- CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, ALL DIMENSIONS AND CONDITIONS SHALL BE FIELD VERIFIED. ARCHITECT SHALL BE INFORMED OF ANY DISCREPANCIES, MATCH ALL EXISTING MATERIALS, DIMENSIONS, AND CONDITIONS AS THEY APPLY.
- ALL DIMENSIONS ARE APPROXIMATE AND ARE TO BE FIELD VERIFIED PRIOR TO START OF WORK. DO NOT SCALE DIMENSIONS FROM DRAWINGS. WRITTEN DIMENSIONS ARE TO BE FOLLOWED FOR CONSTRUCTION PURPOSES.
- ALL CONSTRUCTION & MATERIALS SHALL BE NEW - UNLESS OTHERWISE NOTED. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR, UNLESS OTHERWISE NOTED.
- ALL WORK OF THE VARIOUS TRADES INVOLVED WITH THE CONSTRUCTION OF THIS PROJECT, IS TO BE PERFORMED BY CAPABLE AND REPUTABLE CONTRACTORS, LICENSED IN THE STATE OF NEW YORK AND AS REQUIRED BY THE LOCAL GOVERNING AGENCY.
- NO WORK SHALL BE STARTED UNTIL A BUILDING PERMIT HAS BEEN SECURED AS REQUIRED BY THE APPLICABLE GOVERNING AGENCY OR AGENCIES.
- ALL CONDITIONS AND DIMENSIONS SHALL BE VERIFIED BEFORE START OF ANY WORK AND DISCREPANCIES OR VARIATIONS TO APPROVED PLAN ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING.
- PRIOR TO COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE FROM THE JOB SITE ALL EXCESS MATERIALS, EQUIPMENT, SUPPLIES, DEBRIS, AND WASTE EXCEPT AS OTHERWISE NOTED BY THE OWNER.

SITE NOTES

- CONTRACTOR/OWNER IS RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES AND VERIFYING LOCATION OF SAME UTILITY COMPANIES LINES, SERVICES AND OTHER POSSIBLE EQUIPMENT OF UTILITY COMPANY.
- ALL EXISTING CONDITIONS INDICATED ON THE PLANS TO BE REMOVED OR RELOCATED ARE TO BE SO EXECUTED IN A MANNER THAT WILL NOT DISTURB ADJOINING AREAS OR CONDITIONS WHICH ARE TO REMAIN.
- EXTREME CAUTION IS TO BE TAKEN DURING EXCAVATION AND/OR DEMOLITION. CONTRACTOR TO OBSERVE ANY VARIATIONS OR UNFORSEEN DISCREPANCIES IN THE PLANS AND REPORTED IMMEDIATELY TO THE OWNER.
- ALL FOOTINGS TO REST ON VIRGIN SOIL HAVING A MINIMUM BEARING CAPACITY OF 3,000 P.S.F. AT 2' 0" MINIMUM BELOW THE FINISHED GRADE.
- EARTH UNDER CONCRETE SLAB BE THOROUGHLY COMPACTED AND CLEANED OF DEBRIS, WATER AND OTHER MATTER. THE SUB-GRADE SHALL BE BROUGHT TO A TRUE PLANE & COMPACTED TO SOLE BEARING. ALL FILL MATERIAL SHALL BE 30% OR 30% HIGHER TURE FREE FROM ORGANIC MATTER AND OTHER OBJECTIONABLE MATERIAL. IT SHALL CONTAIN NO ROCKS OR LUMPS OVER SIX INCHES IN GREATEST DIMENSION AND NOT MORE THAN 15% OF THE ROCKS OR LUMPS SHALL BE LARGER THAN 3" IN GREATEST DIMENSION.
- DO NOT BACKFILL UNTIL MAIN FLOOR SYSTEMS, INCLUDING SLABS AND FLOOR DECKING, ARE INSTALLED.
- BACKFILL AGAINST 8" POURED CONCRETE WALLS SHALL BE A MAXIMUM OF 7' 0" AND CONCRETE BLOCK WALLS MAXIMUM 6' 0" ABOVE SLAB TO ADJACENT OTHERS.
- TOP 6" OF NEWLY GRADED AREAS IS TO BE TOP SOIL, RANGING FROM DEBRIS, STONES OVER 2" IN SIZE AND OBJECTIONABLE MATERIAL.
- GENERAL CONTRACTOR OR OWNER SHALL FIELD VERIFY ALL INVERT ELEVATIONS AND SEWER CONDITIONS INDICATED PRIOR TO CONSTRUCTION. ARCHITECT ASSUMES NO RESPONSIBILITY FOR INFORMATION CONTAINED IN SURVEYS OR SEWER DEPT. RECORDS.
- FOOTING DRAINS TO BE PROVIDED WHERE REQUIRED AND APPROPRIATE THEY SHALL BE Laid IN GRAVEL BED AND PROTECTED AT TOP WITH FILTER FABRIC AND PROVIDE POSITIVE OUTFLOW TO STORM DRAIN OR DRY WELL.
- FINISHED GRADE AND DRIVEWAY SHALL PITCH AWAY FROM THE BUILDING, SO THAT ALL SURFACE WATER FLOWS AWAY FROM IT.
- INSTALLATION OF GAS METERS SHALL BE IN STRICT ACCORDANCE WITH LOCAL UTILITY COMPANY SPECIFICATIONS.
- INSTALLATION OF ELECTRIC METERS SHALL BE PERFORMED IN STRICT ACCORDANCE WITH LOCAL UTILITY COMPANY SPECIFICATIONS.
- FINISHED GRADE HEIGHT SHALL BE MINIMUM 8" BELOW ADJACENT FRAMING AND MAXIMUM (IF ANY) AS PER LOCAL CODES.

CONCRETE AND MASONRY

- NEW POURED CONCRETE TO BE MINIMUM 3000 P.S.I. COMPRESSIVE STRENGTH IN 28 DAYS. ALL BAGS OF CEMENT MUST BE CURED AND MAXIMUM 1/4" BALLONS OF WATER PER BAG OF CEMENT. 1/4" BALLONS OF WATER PER 94 POUND BAG OF CEMENT FOR ALL ENCLOSED CONCRETE. TESTING TEST REPORTS PERFORMED BY APPROVED TESTING LABORATORY, AS REQUIRED BY LOCAL OFFICIALS.
- CONCRETE DESIGN, MATERIALS, AND METHODS OF CONSTRUCTION SHALL COMPLY WITH THE APPLICABLE STANDARD 318 RATIO OF THE AMERICAN CONCRETE INSTITUTE. ALL MASONRY OR CONCRETE ANCHORS AND FASTENERS OF ANY KIND, TO BE GALVANIZED OR ZINC COATED.
- BLOCK FOUNDATION WALLS TO BE REINFORCED HORIZONTALLY WITH DURO-WAL VERY SECOND COURSE AND VERTICALLY WITH (4) #4 REBARS EVERY FOUR FEET (BLOCK SHALL BE FILLED SOLID WITH CONCRETE AROUND REINFORCING BARS). TOP COURSE OF BLOCK SHALL BE FILLED SOLID WITH CONCRETE AND 5/8" DIAMETER ANCHOR BOLTS SHALL BE PLACED 4'-0" TO 8'-0" O.C.

FRAMING

- ALL LUMBER MATERIALS USED IN THE BUILDING SHALL BE GOOD, SOUND, DRY MATERIAL, FREE FROM ROT, LARGE AND LOOSE KNOTS, SHAKES, AND OTHER IMPERFECTIONS. WHERE THE STRENGTH MAY BE IMPAIRED AND OF SIZE INDICATED ON DRAWINGS, STUDS, SILL, POSTS, UNITS AND RAFTERS SHALL BE NEW-FR (10% MAXIMUM GRADE ACCEPT IF NOTED OTHERWISE HEREINAFTER IN THIS SPECIFICATION OR ON THE DRAWINGS. THE MIN. UNIT STRESS FOR NEW-FR SHALL BE:
FIBER STRESS (F_b) 1500 PSI
HORIZONTAL SHEAR (F_v) 85 PSI
MODULUS OF ELASTICITY (E) 1,400,000 PSI
WHERE INDICATED ON THE DRAWINGS WITH THE NOTATION FB-1500 ONLY DOUGLAS FIR, LARCH-NORTH (10% MAX. MOISTURE) NO. 1 GRADE SHALL BE USED WITH THE FOLLOWING MIN. UNIT STRESSES:
FIBER STRESS (F_b) 1500 PSI
HORIZONTAL SHEAR (F_v) 85 PSI
MODULUS OF ELASTICITY (E) 1,800,000 PSI
CALCULATED DESIGN LOADS (AND 10 PSI DEAD LOAD ALL SPANS):
ROOF 30 PSI LIVE LOAD (40)
FLOORS 40 PSI LIVE LOAD (50)
ATTIC 20 PSI LIVE LOAD (30)
DECK 40 PSI LIVE LOAD (70)

- ALL SILL PLATES IN CONTACT WITH CONCRETE OR MASONRY WALLS, SLABS, ETC. SHALL BE PRESSURE TREATED LUMBER (UNLESS OTHERWISE NOTED). SILL SEAL SHALL BE OWNERS CORNING SILL SEALER (OR APPROVED EQUAL). TERMITES SHIELD SHALL BE INSTALLED WHERE REQUIRED BY SITE CONDITIONS AND BUILDING CODES.
- DOUBLE JOISTS SHALL BE INSTALLED UNDER ALL PARTITIONS RUNNING PARALLEL WITH SPANS AND AROUND ALL FLOOR OPENINGS. DOUBLE STUDS SHALL BE INSTALLED AROUND ALL WALL OPENINGS. ONE ROW OF SOLID BRIDGING AT MID-HEIGHT WITHIN ALL INTERIOR BEARING WALLS. DOUBLE FRAMING AROUND ALL SKYLIGHTS, ROOF AND FLOOR TRUSSES (T₁ AND T₂ MICRO-LAM) TO BE INSTALLED IN STRICT COMPLIANCE WITH MANUFACTURERS SPECIFICATIONS. FLOOR JOISTS SHALL RECEIVE CROSSBRIDGING AT 7'-0" O.C. MAXIMUM SPACING.
- INTERIOR SUBFLOOR SHALL BE 3/4" TONGUE AND GROOVE SHEATHING GLUED AND NAILED OVER PREFABRICATED FLOOR TRUSSES OR TWO LAYERS OF 1/2" PLYWOOD Laid PERPENDICULAR TO EACH OTHER, WITH BUILDERS PAPER BETWEEN LAYERS. GLUED AND NAILED TO FLOOR JOISTS. EXTERIOR SHEATHING SHALL BE 1/2" EXTERIOR GRADE APPLIED HORIZONTALLY WITH VERTICAL JOISTS STAGGERED 4'-0". ROOF SHEATHING SHALL BE 1/2" EXTERIOR GRADE PLYWOOD, UNLESS OTHERWISE NOTED.
- EXTERIOR WALLS SHALL BE 2" X 6" WOOD FRAMING. INTERIOR PARTITIONS SHALL BE 2" X 4" WOOD FRAMING. STUDS SHALL BE PLACED AT 16" ON CENTER (UNLESS OTHERWISE NOTED) AND RECEIVE BLOCKING AT MID-HEIGHT AS REQUIRED. STUDS AT CABLE ENDS UNDER CATHEDRAL CEILING SHALL RUN FULL HEIGHT FROM SOLE PLATE TO ROOF AND SHALL RECEIVE 2x2 BLOCKING AT 8' 0" ABOVE FLOOR. ALL BEARING WALLS AND PARTITIONS SHALL RECEIVE BLOCKING AT MID-HEIGHT.
- HEADERS OVER ALL DOORS, WINDOWS, AND OTHER OPENINGS UNDER 6' 0" SHALL BE 12" X 12" (UNLESS OTHERWISE NOTED). HEADER OPENINGS 6' 0" TO 8' 0" SHALL RECEIVE (2) 2" X 4" OR (2) 2" X 12" HEADERS IN EXTERIOR WALLS, UNLESS OTHERWISE NOTED.
- ALL EXTERIOR DECKS SHALL BE FRAMED WITH PRESSURE TREATED LUMBER (UNLESS OTHERWISE NOTED). LUMBER SHALL HAVE THE FOLLOWING MINIMAL STRESS: 1,000 PSI AND E = 1,000,000 PSI AND SHALL BE SOUTHERN YELLOW PINE OR APPROVED EQUAL. GALVANIZED HEAVY DUTY POST BASES SHALL BE PROVIDED AT BASE OF ALL WOOD COLUMNS. DECK JOISTS SHALL RECEIVE DIAGONAL CROSS BRACE OR DIAGONAL DECKING. DECKING AND BALUS TO BE NON-TOXIC LUMBER, IE DOUGLAS FIR, REDWOOD, OR EQUAL. RAILINGS TO BE CONSTRUCTED AT 36" HEIGHT AND WITH MAXIMUM 6" SPHERE OPENING, AS PER CODES.
- ROOFING MATERIAL SHALL BE MINIMUM 30 YEAR FIBERGLASS SHINGLES (OWNERS CORNING OR APPROVED EQUAL) OVER 1/2" ROOFING FELT. VALLEY FLASHING AND OTHER APPROPRIATE FLASHING SHALL BE PROVIDED AS REQUIRED. ICE AND WATER SHIELD SHALL BE INSTALLED AS REQUIRED.
- FASCIA BOARDS SHALL BE SCAFFED AT A 45 DEGREE ANGLE OR 90 DEGREE ANGLE. FASCIA BOARDS SHALL BE COMMON PINE WRAPPED IN ALUMINUM, UNLESS OTHERWISE NOTED.
- ALUMINUM OUTTERS AND LEADERS SHALL BE PROVIDED AS REQUIRED. SPLASH BLOCKS SHALL BE PROVIDED AT OUTLETS UNLESS OTHER PROVISIONS FOR WATER DISPERSION ARE PROVIDED. ALL WATER MUST DRAIN AWAY FROM STRUCTURE SO AS NOT TO CONTRIBUTE TO GROUND WATER SEEPAGE AT FOUNDATION.

GENERAL SPECS CONTINUED

DOORS AND WINDOWS

- WINDOWS SHALL BE SIZE, TYPE AND MFG. AS INDICATED ON PLANS, WITH SCREENS AND HARDWARE PROVIDED. GLAZING LESS THAN 16" ABOVE FLOOR SHALL BE EMPOWERED OPTIONS SUCH AS GLAZING, UNLESS OTHERWISE NOTED. PROVIDE WEATHER STRIP SADDLE ON ALL EXTERIOR DOORS. PROVIDE ALUMINUM SADDLE ON ALL INTERIOR PERGOLAS, GARAGE DOORS.
- EXTERIOR DOORS TO BE OF THE MANUFACTURER, TYPE, SIZE AND STYLE AS INDICATED ON THE DRAWINGS. ANY MANUFACTURER OPTIONS SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR UNLESS OTHERWISE INDICATED ON THE DRAWINGS. ALL DOORS SHALL BE 8'-0" HEIGHT UNLESS OTHERWISE NOTED. PROVIDE WEATHER STRIP SADDLE ON ALL EXTERIOR DOORS. PROVIDE ALUMINUM SADDLE ON ALL INTERIOR PERGOLAS, GARAGE DOORS.

PLUMBING

- ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL HEALTH DEPARTMENT REQUIREMENTS AND SHALL BE SUBJECT TO THE APPROVAL OF THE PLUMBING INSPECTOR. PLUMBING WORK SHALL BE PROVIDED BY CONTRACTOR. BATHROOM FIXTURES SHALL BE KOKER, AMERICAN STANDARD, OR APPROVED EQUAL. OWNER SHALL SELECT FIXTURES AND COLORS. PLUMBING FIXTURES TO BE MANUFACTURED BY (OR EQUAL).

ELECTRICAL

- ALL ELECTRICAL WORK SHALL CONFORM COMPLETELY TO THE REQUIREMENTS OF THE N.Y.S.P.U. AND LOCAL UTILITY COMPANY. GROUND FAULT INTERRUPTERS, DUPLEX RECEPTACLES, ETC., SHALL BE INSTALLED AS REQUIRED ACCORDING TO KITCHEN AND BATH LAYOUTS AND CODE REQUIREMENTS.

HEATING / VENTILATING / AIR CONDITIONING

- ALL HEATING AND AIR CONDITIONING WORK SHALL CONFORM COMPLETELY TO THE REQUIREMENTS OF THE LOCAL AND STATE BUILDING CODES. THE HEATING AND AIR CONDITIONING SYSTEM SHALL MEET ALL REQUIREMENTS OF THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE AS THEY APPLY.

THERMAL AND MOISTURE PROTECTION

- APPLY FOUNDATION DAMPROOFING OR WATERPROOFING ON ALL BACKFILL FACES OF WALLS BELOW EARTH GRADE.
- PROVIDE 15# BUILDING FELT, "TYVEK", "TYVAR", OR EQUAL, BEHIND ALL SIDING, WINDOW, AND DOOR CASINGS, NAIL TRIMS, ETC.
- ALL EXTERIOR OPENINGS SHALL BE PROPERLY FLASHED, CAULKED, WEATHER STRIPPED OR OTHERWISE PROPERLY SEALED.
- ALL EXTERIOR WALLS AND ROOFS SHALL BE INSULATED AS INDICATED ON PLANS AND AS PER CODES. INSULATION SHALL BE POLY OR KRAFT FACED FIBERGLASS BATT INSULATION. RIDGE VENTS SHALL BE INSTALLED IN CATHEDRAL CEILING AS REQUIRED.

INTERIOR

- DYPHUM BOARD SHALL BE SCREWED ON CELINGS AND/OR NAILED TO WALLS TO RECEIVE THREE COATS OF SPACKLE, FINISHED TO RECEIVE TWO COATS OF PAINT, AND ONE COAT OF PRIMER, COLORS BY OWNER. BATHROOMS SHALL RECEIVE WATERPROOF SHEETROCK BEHIND TILE AREAS, AND WOODENBOARD OR APPROVED EQUAL, BEHIND TILE IN BATH AND SHOWER AREAS.
- FLOORING, TRIM, CLOSET SHELVING, CABINETS, APPLIANCES, FIXTURES, HARDWARE, ETC. SHALL BE SELECTED BY OWNER AND INSTALLED BY BUILDER IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- INTERIOR DOORS SIZE AS INDICATED ON DRAWINGS, STYLE AND TYPE BY OWNER/CONTRACTOR.
- CERAMIC TILE OR MARBLE FLOORS IN THE AREA INDICATED ON PLANS SHALL BE INSTALLED IN A "WAX" BASE.
- OAK HARDWARE FLOORS SHALL BE INSTALLED MINIMUM 3 DAYS AFTER DELIVERY AND BUILDING TO BE HEATED. OAK FLOORS TO RECEIVE TWO COATS OF POLYURETHANE, GYM SEAL OR EQUAL.
- STAIRS TO BE AS INDICATED ON DRAWINGS WITH A MINIMUM OF 8" TREAD, AND A MAXIMUM RISE OF 8". MATERIAL AND STYLE BY OWNER, UNLESS OTHERWISE INDICATED, AND SHALL BE INSTALLED AS PER STATE AND LOCAL CODES. ALL RAILINGS TO BE 36" HIGH (MINIMUM). STYLE AND MATERIAL TO BE SELECTED BY OWNER, AND SHALL CONFORM TO ALL STATE AND LOCAL CODES. (IF SPHERE MAXIMUM OPENING). ALL EXPOSED WOOD AND TRIM TO RECEIVE ONE COAT OF STAIN AND OPTIONAL TWO COATS POLYURETHANE.

ENERGY CODE SPECS.

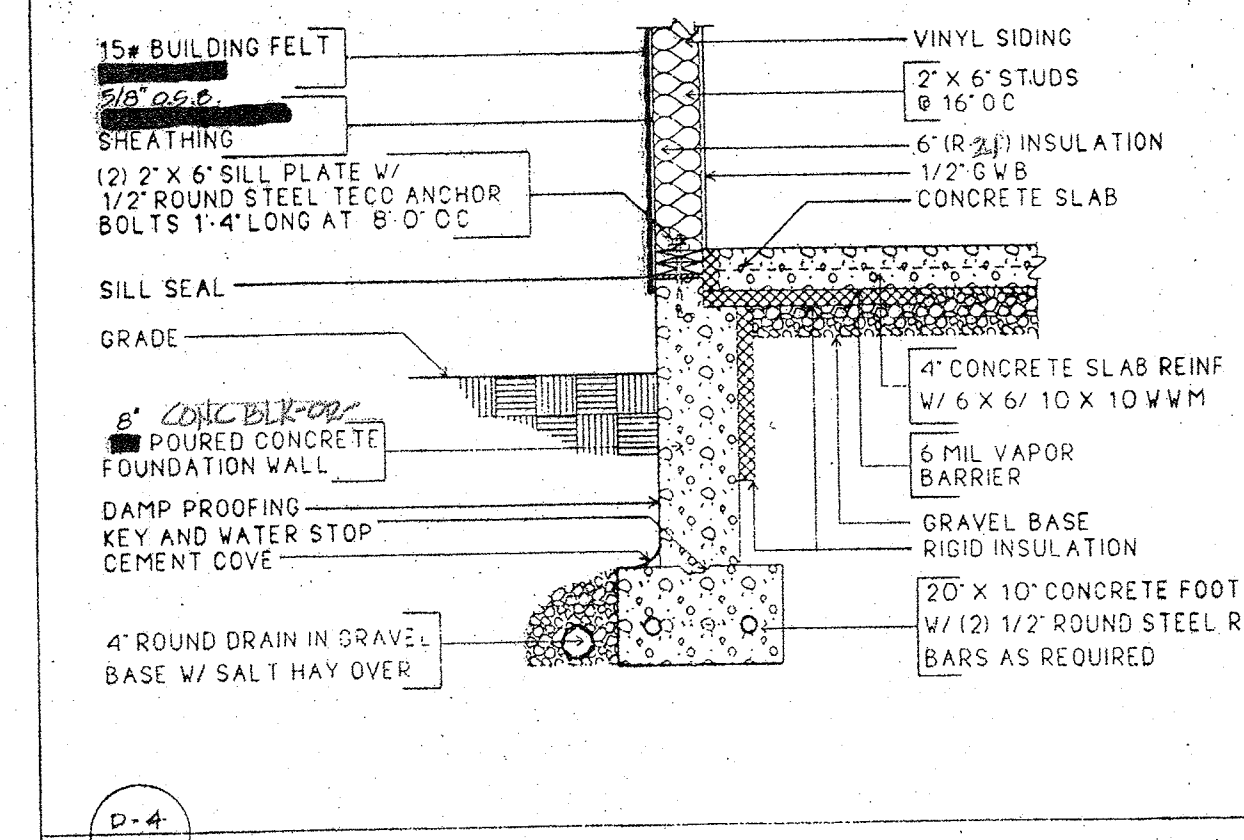
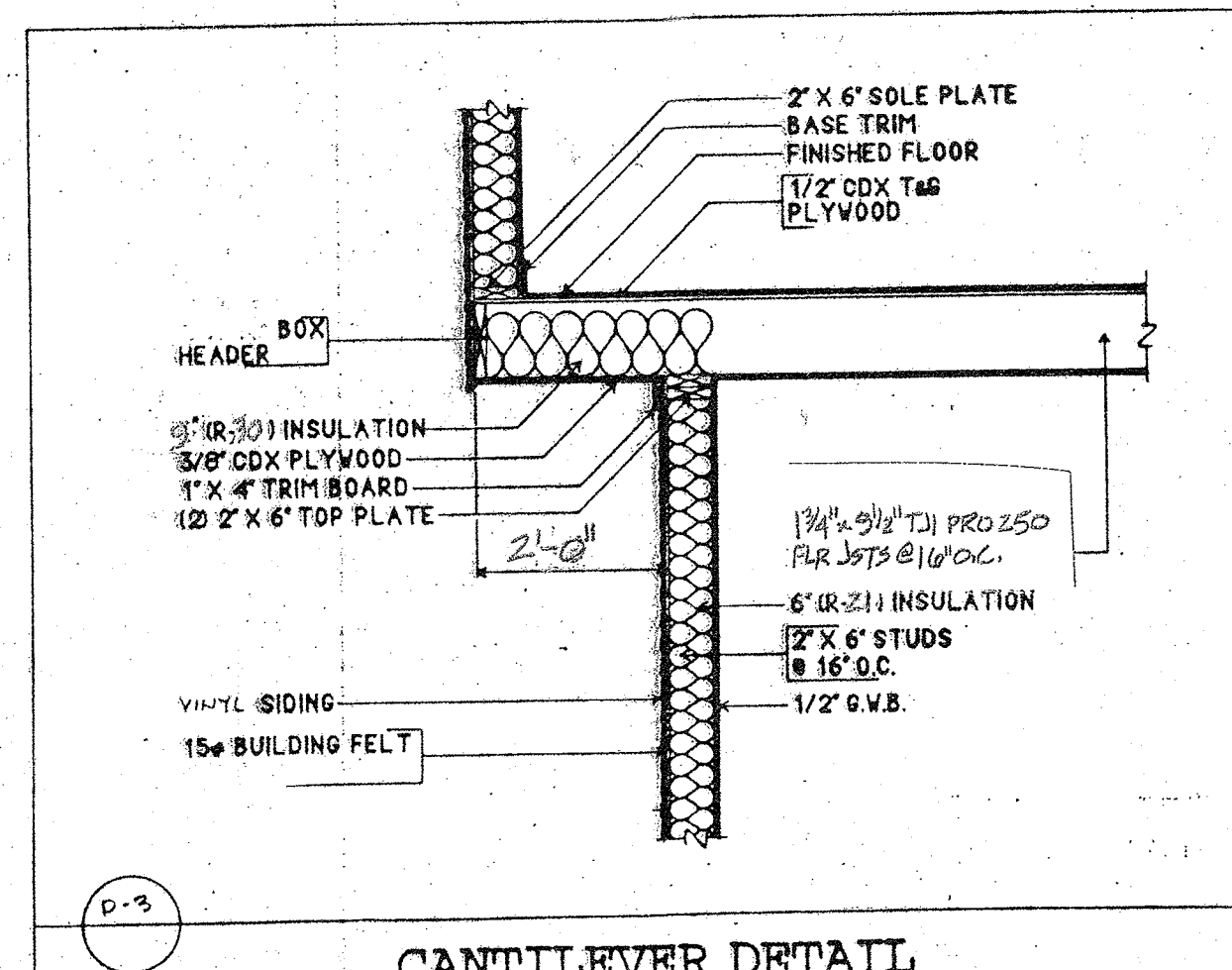
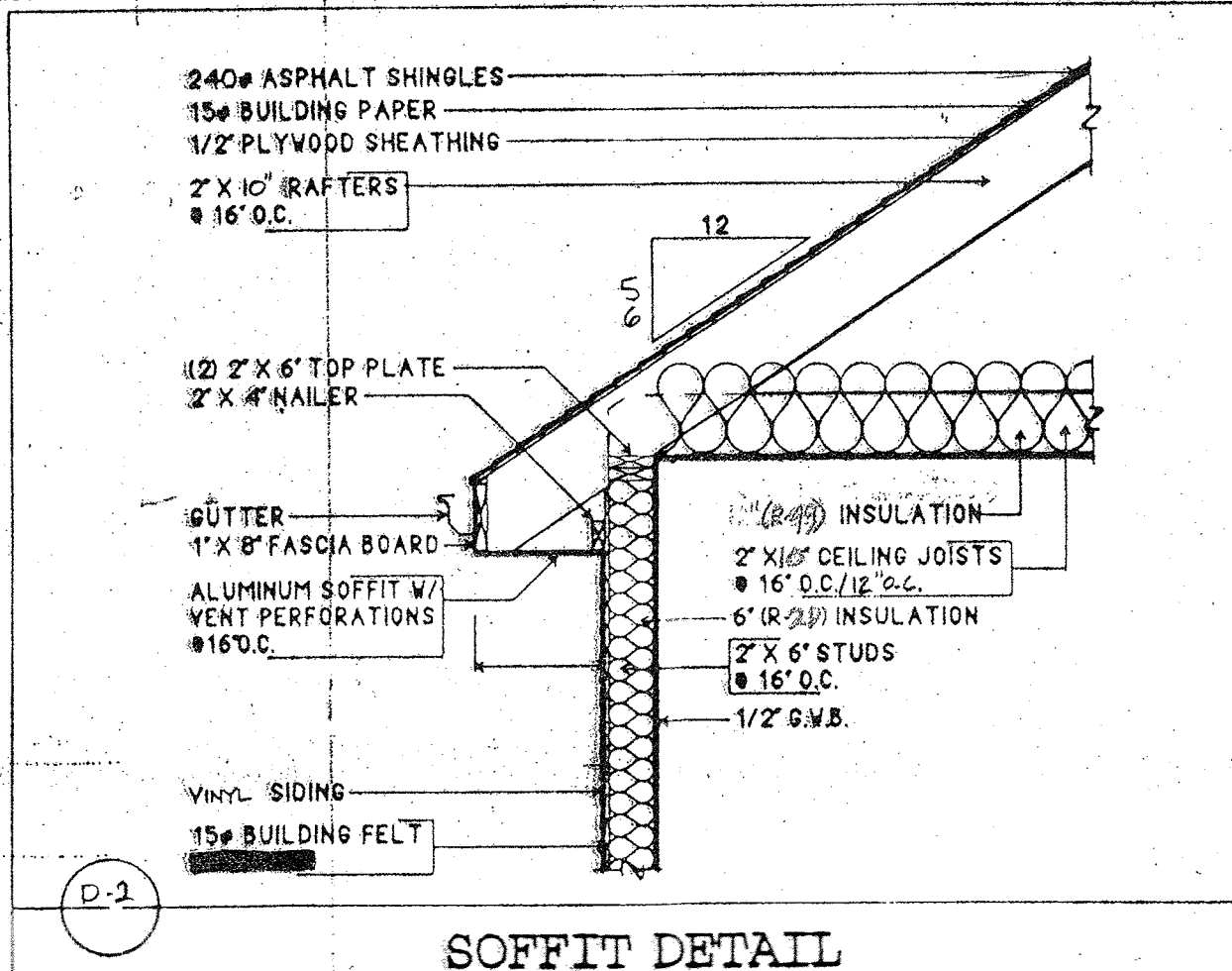
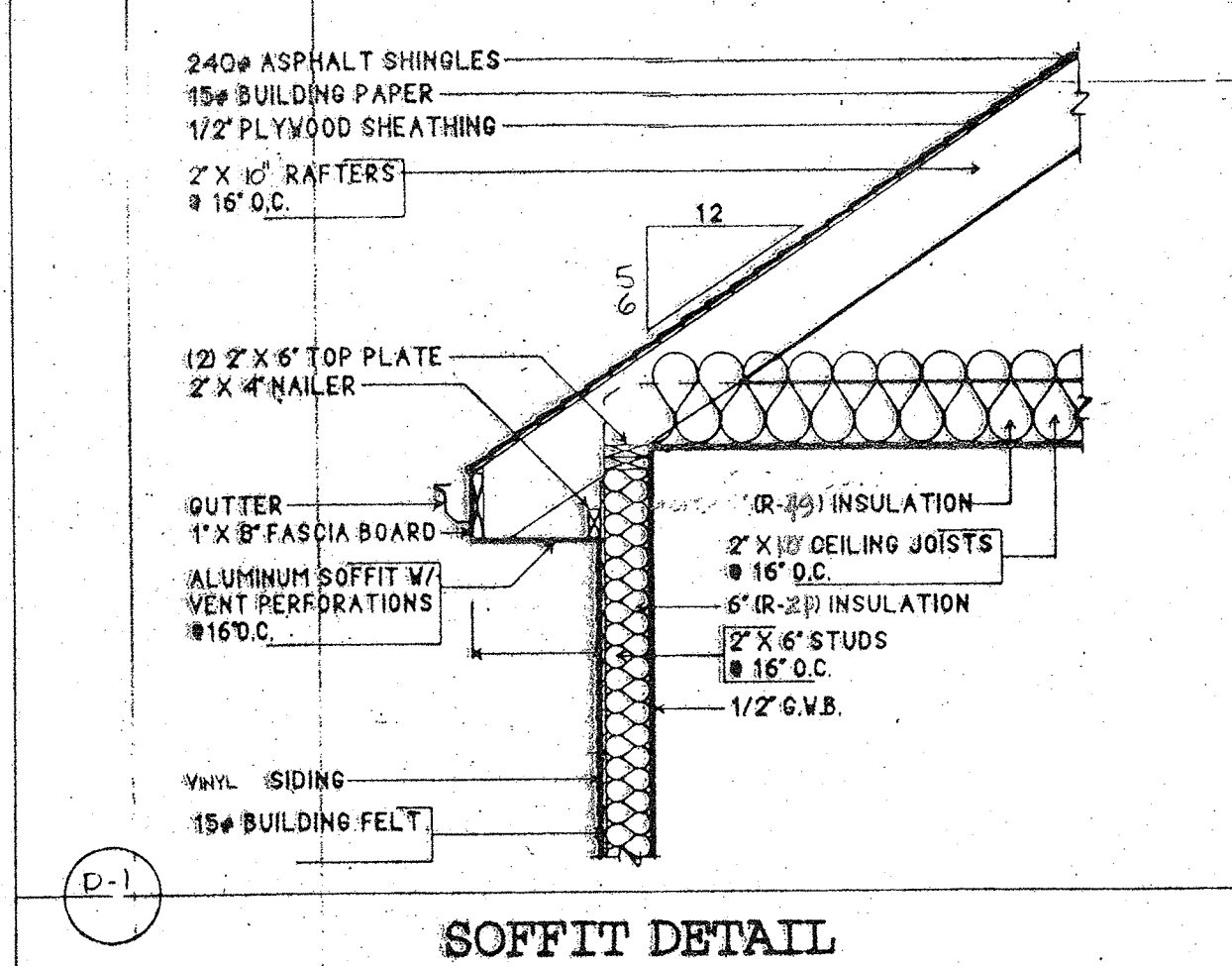
INSULATION AND PENETRATION REQUIREMENTS BY COMPONENT*

CLIMATE ZONE	PENETRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED PENETRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE	SLAB R-VALUE	CRAWL SPACE WALL R-VALUE
4	0.40	0.60	NR	19	15	19	10/13	10/13	10/13	10/13	10/13
5	0.35	0.60	NR	19	15	19	10/13	10/13	10/13	10/13	10/13
6	0.35	0.60	NR	19	15	19	10/13	10/13	10/13	10/13	10/13

For SI: 1 foot = 304.8 mm.
 a. R-values are minimum. U-factors and SHGC are maximum. R-19 insulation shall be permitted to be compressed into a 2 x 6 cavity.
 b. The fenestration U-factor column excludes skylights. The SHGC column applies to all glazing fenestration.
 c. The first R-value applies to continuous insulation, the second to framing cavity insulation; other insulation meets the requirement.
 d. R-5 shall be added to the required slab edge R-value for heated slabs.
 e. Or insulation sufficient to fill the framing cavity, R-19 minimum.
 f. 15x15" means R-15 cavity insulation plus R-5 insulated sheathing. If structural sheathing covers 25 percent or less of the exterior, structural sheathing shall be supplemented with insulation sheathing of at least R-2.

ROCKLAND/ORANGE: CLIMATE ZONE 6

CLIMATE ZONE	PENETRATION U-FACTOR	SKYLIGHT U-FACTOR	GLAZED PENETRATION SHGC	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE	SLAB R-VALUE	CRAWL SPACE WALL R-VALUE
4 except Marine	0.35	0.55	0.40	49	20 or 13 x 5 h	8/13	19	10/13	10/13	10/13	10/13
5 and Marine	0.32	0.55	NR	49	20 or 13 x 5 h	13/17	30 g	15/19	10/13	10/13	15/19



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