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WORK SHALL COMPLY WITH THE 2020 NYS RESIDENTIAL CODE 32.ALL NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODES TO BE 0.

33.ALL LUMBER TO BE #I - DOUGLAS FIR/LARCH
MINIMUM 1.200 P.S.I. CONSTRUCTION GRADE LUMBER. 34,000 P.S.I.").

34.ALL STRUCTURAL STEEL TO BE A-34 ("STEEL YIELD STRENGTH OF

35.TYPICAL STAIR: MAXIMUM STAIR RISER - 8"; MINIMUM TREAD - 10".

34.MINIMUM AIR CHANGE CAPACITY FOR INTERIOR TOILET FANS TO BE 50 C.F.M.
FANS, TO BE EXHAUST TYPE, REMOVING FOUL AIR AND REPLACING IT WITH
FRESH AIR. AND THE 2020 NY STATE ENERGY CODE

I MINITUM FROST DEPTH OF ALL FOOTINGS = 48'

ZIMINUM SOL BEARING CAPACITY = 2000 PSF:

3.ALL EACRES AND DRAINS TO DRAIN INTO DRYUBLIS OR STORM DRAINS, IF AVAILABLE.

4.MINISMY SLOPE OF 1/4" FIRE FOOT TO BE PROVIDED ON DRYUBLAYS FROM

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3.ALL GADES TO SET TO SET TO THE TO THE PROVIDED ON DRYUBLAYS FROM

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3.ALL GADES TO SET TO SET TO THE THE AND SOR HAND REGISTED OF THE PROVIDED.

1. MINER DEPTH OF THE ADESDITY A FROM BUILDING, BUILDING FOR THE PROVIDED.

1. MINER DEPTH OF COLVERS.

3.ALL CANCERTE ON CONCERTE SLABS OR MASONEY TO BE PRESIDER THEATED LIMBER.

9.FORVIDED 2.ANCHOR BUT'S AT EACH CORNER OF FOUNDATION, ANCHOR

BOLTS TO BE 1/2" DAMELERS TO BE THE MINITUM F - 0" OC. WITH GALVANUZED

WALL THEST OF FRAME OR DUCE ALL WALL OPENINGS HOR PRESSIVE STRENGTH AT 28 DAYS.)

I.ALL MASONEY VERLERS TO BE THE MINITUM F - 0" OC. WITH GALVANUZED

WALL THEST OF FRAME OR OVER ALL WALL OPENINGS HULLES OTHERISE NIDCATED ON PLAN.

5.MOOD COLUMNS SHALL BEAR ON CONCRETE OR SOLD MASONEY BERS IN

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INDIVIDUAL STARE TOAD ACTING OVER AN AREA OF 4 SQUARE INCHES, WHICHEVER PRODUCES ATTICS WITH LIMITED STORAGE 20 GUARDRAILS IN-FILL COMPONENTS 50 ATTICS WITHOUT STORAGE IO PASSENGER VEHICLE GARAGES 50 PASSENGER VEHICLE GARAGES 50 PROMS OTHER THAN SLEEPING ROOMS 40 SLEEPING ROOMS 30 STAIRS 40 STAIRS 40 BEAD LOAD = 20 LBS/SF NDIVIDUAL STAIR TREADS SHALL BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OR A 300-POUND CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQUARE INCHES, WHICHEVER PRODUCES	TABLE R3015 MINIMUM UNIFORMLY DISTRIBUTED LIVE LOADS)RMLY D	STRIBUTED LIVE LOADS	
MITED STORAGE 20 GUARDRAILS IN-FILL COMPONENTS IT STORAGE IO PASSENGER VEHICLE GARAGES 40 ROOMS OTHER THAN SLEEPING ROOMS CONIES 40 SLEEPING ROOMS ND HANDRAILS 200 DEAD LOAD = 20 LBS/SF AR TREADS SHALL BE DESIGNED FOR THE UNIFORMLY AN AREA OF 4 SQUARE INCHES, WHICHEVER PRODUCES	(m POUNDS PER SQUARE FOOT)			
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200 ALL BE DESIGNED FOR A 300-POUND CONCEN 4 SQUARE INCHES, WHIC	FIRE ESCAPES	40	STAIRS	40
INDIVIDUAL STAIR TREADS SHALL BE DESIGNED FOR THE UNIFORMLY DISTRIBUTED LIVE LOAD OR A 300-POUND CONCENTRATED LOAD ACTING OVER AN AREA OF 4 SQUARE INCHES, WHICHEVER PRODUCES	GUARDRAILS AND HANDRAILS	200	DEAD LOAD = 20 LBS/SF	
	INDIVIDUAL STAIR TREADS SHALL E DISTRIBUTED LIVE LOAD OR A 300 ACTING OVER AN AREA OF 4 SQUI THE CREATER STRESSES	BE DESIGNI D-POUND C ARE INCHE	ED FOR THE UNIFORMLY ONCENTRATED LOAD S. WHICHEVER PRODUCES	

ZONIN	ZONING DATA:	Δ: 	ZONE DISTRICT = R-10	= R-IO
SECTION	SECTION -48.11 BLOCK -3		LOTS -24	
	REQUIRED	EXISTING	PROPOSED	COMPLIANCE
LOT AREA	20,000 SF	4S 000'0I	10,000 SF	non-conforming
HTCIW TOJ	80 FT	T₹ 00	100 FT	complies
FRONT YARD	30'		30.0'	complies
REAR YARD	30'		40.0'	complies
SIDE YARD	SIDE = 12' 2 COMBINED - 24'		SIDE = 12' 2 COMBINED - 40'	complies
HEIGHT	35 FT - 2 I/2 STORIES		24.5' - 2 I/2 STORIES	complies
BLDG. COVERAGE	25% (5000 sf)		11.8% (1180.138 SF)	complies
HOUSE ESDOH			180.138 SF 218.661 SF	
FRONT STOOP	TOOP		116.012 SF	

LIGHTING

90% of lamps in permanently installed fixtures will be high-efficacy (or 90% of fixtures contain only high-efficacy lamps)

C-rated recessed lighting fixtures sealed at housing/into and labeled to indicate = $2.0~{
m cfm}$ leakage at 15 Pa.

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LIGHTING	
and insted HYAC equipment is used to provide whole-house mechanical ventilation, the air handler shall be powered by an electromically commutated motor.	
shall meet the efficacy requirements of Table NIO3.6.1. Exception: Where an air handler that is integral to tested	nforming
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exhausts shall have automatic or gravity dampers that close when the ventilation system is not operating.	
NIIO3.6 (R4O3.6) Mechanical Ventilation (Mandatory) The building shall be provided with ventilation that complies with the requirements of Section MISOS or with other approved means of ventilation Outdoor air intakes and	
401.3 When Required Ventilation shall be provided during the periods that the room or space is occupied.	
accordance with Section K402.41.2 of the Energy Conservation Construction Code of New York State. Where the air infiltration rate is less than 5 air changes per hour when tested with a blower door at a pressure of 0.2-inch water column (50 Pa), the dwelling unit shall be vertilated by mechanical means in accordance with Section 403.	
[NY] 40.1.2 Ventilation Required Every occupied space shall be ventilated by natural means in accordance with Section 40.2 or by mechanical means in accordance with Section 40.3 All dwelling units, where natural ventilation is proposed, shall be tested in	
* NOTE: I. TYPE 56 CONSTRUCTION 2. WHERE THE HYAC SYSTEM, AND/OR WINDOW OPENINGS CANNOT PROVIDE ADEQUATE ROOM AIR CHANGES, A MECHANICAL AIR	
ORS AT GARAGE.TOP OF UNCONDITIONED BA	
20 FEET HORIZONTALLY. 51.ALL NEW CEILING, FLOOR OR FOOF JOISTS SHALL HAVE A MINIMUM OF 4" BEARING. 52 ALL DAMAGED STRICTURAL MEMBERS SHALL HE REPLACED.	
SUCH INSPECTORS DOES NOT PRECLUDE DECISIONS BY THE ARCHITECT. THE GENERAL CONTRACTOR SHALL MAKE ALL NECESSARY FIELD ADJUSTMENTS AS DICTATED BY JOB CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.	
ADDITIONAL COST TO THE OWNER. THE GOVERNMENTAL INSPECTORS SHALL ALSO JUDGE THE WORK FOR MINIMUM COMPLIANCE WITH CODES. APPROVAL BY	
47. HE ENGINEER SHALL BE THE SOLE JUDGE AS THE ADEQUACT OF THE WORK PERFORMED AS RELATED TO APPROVAL OF WORK FOR PAYMENT BY THE OWNER. THE ENGINEER SHALL HAVE THE RIGHT TO ORDER THE REMOVAL OF DEFECTIVE WORK AND MATERIAL AND LAVE SIGN APPRAS CORPRECTED AT NO	
INVESTIGATION OR STUDY (SUCH AS CRACK IS MASONRY AND PARTITIONS, ADDITIONAL DEFLECTIONS, ETC.), HE SHALL NOTIFY THE ENGINEER.	
48.THE CONTRACTOR IS CAUTIONED TO MAKE CONTINUOUS OBSERVATIONS OF THE EXISTING STRUCTURE DURING THE PERFORMANCE OF HIS WORK AND SHOULD HE BECOME AWARE OF ANY SITUATIONS THAT REQUIRE FURTHER	
41.THE CONTRACTOR SHALL BE REQUIRED TO REPAIR AND PATCH ANY AREAS THAT ARE ALTERED OR DAMAGED DURING THE PROCESS OF ALTERATION.	
44.ENGINEER TO BE GIVEN AT LEAST 24 HOURS NOTICE PRIOR TO ANY SITE VISIT(S). 45.ALL SMOKE/HEAT DETECTORS TO BE HARDWIRED WITH BATTERY BACK-UP. 44.ALL EXTERIOR LUMBER TO BE PRESSURE-TREATED LUMBER	
BY THE ARCHITECT OR ENGINEER. 43.ALL GLASS IS TO BE INSULATED GLASS.	
WHOSE NATIC AFFEARS HEREON. 42.ANY UNAUTHORIZED ALTERATION OF OR ADDITION TO THESE DRAWINGS 15. A VIOLATION OF SECTION 1209 (2) OF THE NEW YORK STATE EDUCATION 1. ANY GUCLL AUTHORIZATION GUALL ONLY BE IN HIBITING GENERAL AND GEALED.	
AITHESE DRAWINGS AND SPECIFICATIONS MITHESE DRAWINGS AND SPECIFICATIONS IMPRESSED SEAL AND ORIGINAL SIGNA-	LAN.
STING WORK IS TO BE CUT. RACING, WEDGING AND DRY	
HAVING JURISDICTION. THE CONTRACTOR SHALL OBTAIN A FINAL OF OCCUPANCY OR COMPLIANCE UPON COMPLETION OF HIS WORK	1 S).
ORK SHALL BE FILED	
31.ALL THERMAL INSULATION IS TO MEET THE PUBLIC SERVICE COMMISSION SPECIFICATIONS AND STANDARDS.	
FANS, TO BE EXHAUST TYPE, REMOVING FOUL AIR AND REPLACING IT WITH FRESH AIR	

NOTE:
NIIOLIO.I.I (R303.I.I.I) Blown-I
Ceiling Insulation

12	COOLING TEMPERATURE DIFFERENCE	434	ELEVATION	MANUA
20.4	WIND VELOCITY HEATING	4	LATTITUDE	NUAL
1.5	WIND YELOCITY COOLING	1	HEATING	_ _
72	COINCIDENT WET BULB	81	SUMMER COOLING	DESIGN
Ħ	DAILY RANGE	-	ALTITUDE CORRECTION FACTOR	CN C
30	WINTER	48	INDOOR DESIGN TEMPERATURE	RITER
55	SUMMER HUMIDITY	15	DESIGN TEMPERATURE COOLING	\nearrow
		6	TEMPEL DIFFER	

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

. 1		_	
	5	4	CLIMATE ZONE
	0.30	0.32	FENESTRATION U-FACTORb
	0.55	0.55	SKYLIGHT U-FACTOR
	NR	0.40	GLAZED FENESTRATION SHGCb, e
	49	49	CEILING R-VALUE
	20 or 13+5h	20 or 13+5h	WOOD FRAME WALL R-VALUE
	13/17	8/13	MASS WALL R-VALUE:
	30g	19	FLOOR R-VALUE
	15/19	10 /13	BASEMENT WALL R-VALUE
	10, 2 ft	10, 2 ft	SLABd R-VALUE ¢ DEPTH
	15/19	10/13	CRAWL SPACEC WALL R-VALUE

NR = Not Required.

NR = N

The first value is cavity insulation, the second value is continuous insulation. Therefore, as an example, "13+5" means R-13 cave. The first value is cavity insulation, the second R-value applies where more than half of the insulation. insulation plus R-5 continuous in on the interior of the mass wall.

details / $\stackrel{\boldsymbol{Z}}{\prec}$ not*e*s AS NOTED

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REVISIONS





THSIDHNOH NE STREET 2/10/25