BOARD OF ZONING APPEALS INCORPORATED VILLAGE OF HEWLETT NECK

IN THE MATTER OF THE APPLICATION OF
OWNER NAME (S): ASAEL & FAYE ISRAELI
FOR A VARIANCE OF SECTION(S): 195-11.C AND 195-20.1
OF THE VILLAGE CODE OF THE INCORPORATED VILLAGE OF HEWLETT NECK.
TO: THE BOARD OF ZONING APPEALS INCORPORATED VILLAGE OF HEWLETT NECK
THE PETITION OF ASAEL & FAYE ISRAELI
RESPECTFULLY ALLEGES AS FOLLOWS:
1. THE PETITIONER(S) IS A (ARE) RESIDENT(S) OF NASSAU COUNTY, CURRENTLY RESIDING AT 950 SMITH LANE, HEWLETT NECK, N.Y.
2. THE PETITIONER(S) OWN(S) THE PROPERTY WHICH IS THE SUBJECT OF THIS APPLICATION LOCATED ON THE (N,S,E OR W) SIDE OF SMITH LANE
AT THE INTERSECTION OF HEWLETT NECK ROAD
(ORFEET FROMTHE INTERSECTION OF
), WITHIN THE INCORPORATED VILLAGE OF HEWLETT NECK. THE PREMISES IS ALSO DESIGNATED AS SECTION 41, BLOCK 19, LOT(S) 31
(&) ON THE NASSAU COUNTY LAND AND TAX MAP.
THE SUBJECT PREMISES IS LOCATED WITHIN THE RESIDENCE DISTRICT
THE SUBJECT APPLICATION SEEKS A VARIANCE OF SECTION(S) 195-11.C AND 195-20.1
OF THE VILLAGE CODE OF THE INCORPORATED VILLAGE OF
HEWLETT NECK, IN ORDER TO: (CONSTRUCT) (MAINTAIN) A:
AN UNCONDITIONED AVIARY (22.1' X 20') OVER EXISTING GARAGE. NEW DOOR FROM EXISTING SECOND FLOOR BEDROOM, NEW EXTERIOR STAIR, AND NEW PROPOSED 22' X 26' PATIO ON CORNER LOT

IN ACCORDANCE WITH PLANS SUBMITTED HEREWITH.

4. A VARIANCE OF SECTION (S) 195-11.C AND 195-20.1

IS REQUIRED BECAUSE THE (CONSTRUCTION/INSTALLATION) IS NON-CONFORMING TO VILLAGE CODE IN THAT: THE ADDITION ENCROACHES INTO THE REQUIRED

SIDE YARD SETBACK AND THE PERMITTED SIDE H/SB RATIO

5. THE REQUESTED VARIANCE WILL HAVE NO ADVERSE EFFECT UPON THE SURROUNDING PROPERTIES, WILL PROVIDE FOR A REASONABLE USE OF THE SUBJECT PREMISES COMPATIBLE WITH THE SURROUNDING PROPERTIES AND IN CONFORMITY WITH THE STANDARDS PRESCRIBED FOR GRANTING OF SUCH A VARIANCE, AS SET FORTH IN THE BUILDING ZONE ORDINANCE OF THE INCORPORATED VILLAGE OF HEWLETT NECK.

WHEREFORE, PETITIONER(S) RESPECTFULLY REQUEST(S) THAT THE BOARD OF ZONING APPEALS GRANT THE VARIANCE(S) AS REQUESTED HEREIN ALONG WITH SUCH OTHER AND FURTHER RELIEF AS MAY BE JUST AND PROPER.

DATED: 08/13/2020

(SIGNATURE OF PETITIONER)

(SIGNATURE OF PETITIONER #2

STATE OF NEW YORK

SS.;

PETITIONER VERIFICATION

COUNTY OF NASSAU

I (WE),	ASAEL ISRAELI	FAYE ISRAE	LI ,
BEING DULY	SWORN, DEPOSE S	AND SAY(S): I WE) AM (AFE) THE
PETITIONER (S) IN THE WITHIN AC	CTION; I (WE) HAVE RI	EAD THE FOREGOING
PETITION AND	KNOW THE CONTENTS	THEREOF; THE SAME IS	TRUE TO OUR OWN
KNOWLEDGE, E	MCEPT AS TO THE MAT	TERS THEREIN STATED T	O BE ALLEGED UPON
INFORMATION	AND BELIEF AND AS	TO THOSE MATTERS WE	BELIEVE IT TO BE
TRIET			

PETITIONER'S SIGNATURE

PETITIONER #2 SIGNATURE

DAY OF August 18

NOTARY PUBLIC, MASSAU COUNTY

Wieens

USHA VEERASAMI
Notary Public - State of New York
No. 01VE6289426
Qualified in Queens County
My Commission Expires Sept. 30, 2021

ISRAELI RESIDENCE

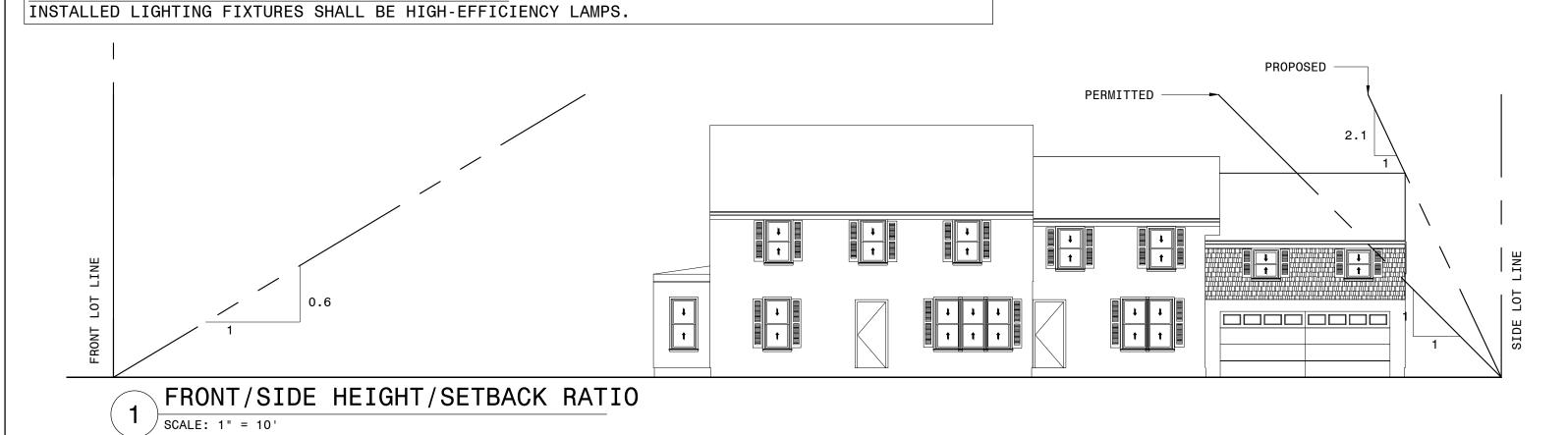
950 SMITH LANE, WOODMERE NY, 11598

15,246 SQ. FT. 15,246 * 20% = 3,049.20 SQ. FT 2,359.00 SQ. FT. 0KAY 1,500.00 SQ. FT. 608.00 SQ. FT.
2,359.00 SQ. FT. OKAY 1,500.00 SQ. FT. 608.00 SQ. FT.
2,359.00 SQ. FT. OKAY 1,500.00 SQ. FT. 608.00 SQ. FT.
OKAY 1,500.00 SQ. FT. 608.00 SQ. FT.
1,500.00 SQ. FT. 608.00 SQ. FT.
608.00 SQ. FT.
ACTUAL IMPERVIOUS
ACTUAL IMPERVIOUS
3,898.0 SQ. FT.
ACTUAL SETBACKS
29.83' (EXIST. TO REMAIN)
33.00' (EXIST. TO REMAIN)
10.25' (EXIST. TO REMAIN)
PROPOSED SETBACK RATIO
0.60 (EXISTING TO REMAIN)
1.00 (EXISTING TO REMAIN)
2.10 (PROPOSED)
ACTUAL BUILDING HEIGHT
26'-8"

	ENERGY ANALY	SIS
COMPONENT	REQUIRED	PROPOSED
FENESTRATION U-FACTOR	0.35	0.35
GLAZED FENESTRATION SHGC	0.40	0.40
CEILING R-VALUE	R-49	R-38 CONTINUOUS
WOOD FRAME WALL R-VALUE	20 OR 13+5CI	21
FLOOR R-VALUE	19	19
	DEEMED TO SATISFY THE REQUID R-38 INSULATION EXTENDS	
THE INSULATION ON THE SURROUND		S INCOLATED TO A LEVEL EGOTVALENT TO
PER R402.4.1 AIR BARRIER AND IN A CONTINUOUS AIR BARRIER SHALL ALL JOINTS IN THE AIR BARRIER S ACCESS OPENINGS TO UNCONDITIONE JUNCTION BETWEEN FOUNDATION AND SPACES BETWEEN WINDOW/DOOR JAME	BE INSTALLED IN THE BUILD SHALL BE SEALED. ED ATTIC SPACES SHALL BE SEAD SILL PLATES SHALL BE SEADS AND FRAMING SHALL BE SEADS.	EALED. LED. ALED.
AIR SEALING SHALL BE PROVIDED E	BETWEEN THE GARAGE AND CON	DITIONED SPACES.

RECESSED LIGHT FIXTURES INSTALLED IN THE BUILDING ENVELOPE SHALL BE SEALED TO THE DRYWALL.

PER R404 ELECTRICAL POWER AND LIGHTING SYSTEMS- NOT LESS THAN 75% OF THE LAMPS IN PERMANENTLY



S69°59'00"E 107.57' PROPOSED
EXTERIOR STAIR (EXISTING) PROPOSED PATIO EXISTING PROPOSED SECOND GRAVEL DRIVEWAY STORY ADDITION EXISTING PATIO 32.06' (EXISTING) 9.9' —. N15°38 EXISTING 2 STORY FRAMED DWELLING EXISTING DECK \$2 29.83 (EXISTING) 33.00' (EXISTING) ARCHITECTURE IW ARCHITECTURE, PLLC 845 MYRNA DRIVE WEST HEMPSTEAD, NY 11552 SITE INFORMATION OBTAINED FROM EXISTING SURVEY ON-FILE AT DEPARTMENT OF BUILDINGS 07.29.20 ISSUED FOR FILING 07.22.20 ISSUED FOR FILING ISSUES AND REVISIONS EXISTING SEAL/SIGNATURE ISRAELI RESIDENCE 950 SMITH LANE WOODMERE, NY 11552 TITLE SHEET W/ PLOT PLAN AND ZONING DRWN BY: IW | A - O 1 | CHK'D BY: IW | CHK'D BY: IW | Scale: | Date: | AS NOTED | 07.22.20 | 01 of 5 FRONT/BACK HEIGHT/SETBACK RATIO

SCALE: 1" = 10' CHK'D BY: IW

CONSTRUCTION NOTES

THE CONTRACTOR SHALL COMPLY WITH ALL CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL BE PROPERLY CERTIFIED AND LICENSED FOR THIS PROJECT

DO NOT SCALE DRAWINGS. FOLLOW DIMENSIONS AS SHOWN ON DRAWINGS. SCOPE OF THIS WORK IS INDICATED ON THE DRAWINGS AND THESE NOTES.

CONTRACTOR SHALL OBTAIN AND PAY ALL FEES, PERMITS, DEPOSITS FOR UTILITIES REQUIRED FOR THE PROJECT EXCEPT FOR THE BUILDING PERMIT. WORK SHALL CONFORM TO ALL RULES AND REGULATIONS OF APPROPRIATE AGENCIES HAVING JURISDICTION

CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE JOB SITE AND LEAVE THE FACILITY IN A BROOM CLEAN CONDITION. ALL GLASS SHALL BE THOROUGHLY CLEANED AT THE COMPLETION OF CONSTRUCTION. ANY PAINT SPECS AND OR CONSTRUCTION MARKS SHALL BE REMOVED FROM ALL FINISHED SURFACES

THIS BUILDING IS LOCATED IN A 110 MPH WIND ZONE AND IS DESIGNED IN ACCORDANCE WITH THE 2020 RESIDENTIAL CODE OF NEW YORK STATE AND THE WOOD FRAME CONSTRUCTION MANUEL-WFCM 2001 EDITION

SITE WORK: CLEAR AND GRUB CONSTRUCTION AREA OF ALL ORGANIC MATERIAL AND FILL WITH CLEAN SAND TO ELEVATION OF BOTTOM OF SLAB. SURFACE MATERIAL MAY BE USED FOR FILL OF LANDSCAPED AREAS OF THE SITE. FILL BROUGHT TO THIS SITE SHALL BE NON CONTAMINATED SOIL.

ALL FOUNDATION WALLS AND FOOTINGS SHALL BE CAST ON SOLID APPROVED BEARING SOIL, SEE CHART WITH A MINIMUM DEPTH OF 3'-0" BELOW GRADE. SOIL SHALL BE UNDISTURBED VIRGIN SOIL

ALL FOUNDATION WALLS AND FTGS SHALL BE POURED CONCRETE UNLESS SHOWN OTHERWISE, CONCRETE SLABS SHALL BE 4" THICK, SET ON 4" THICK GRAVEL BED, WITH

6" X 6", 10/10 WELDED WIRE MESH REINFORCING.

TABLE R401.4.	1	
PRESUMPTIVE LOAD-BEARING VALUES OF F	OUNDATION MATERIALS	
CLASS OF MATERIAL	LOAD-BEARING PRESSURE (POUNDS PER SQUARE FOOT)	
CRYSTALLINE BEDROOK	12,000	
SEDIMENTARY AND FOLIATED ROCK	4,000	
SANDY GRAVEL AND OR GRAVEL (GW AND GP)	3,000	
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL AND CLAYEY GRAVEL (SW,SP,SM,SC,GM,GC)	2,000	
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT AND SANDY SILT (CL, ML,MH AND CH)	1,500 B	

A. WHEN SOIL TESTS ARE REQUIRED BY SECTION R401.4, THE ALLOWABLE BEARING CAPACITIES OF THE SOIL SHALL BE PART

B. WHERE IN PLACE SOILS WITH AN ALLOWABLE BEARING CAPACITY OF LESS THAN 1,500 PSF ARE LIKELY TO BE PRESENT AT THE SITE, THE ALLOWABLE BEARING CAPACITY SHALL BE DETERMINED BY A SOILS INVESTIGATION

TABLE	R402.2		
MINIMUM SPECIFIED COMPRESSIV	/E STRENGTH CONC	RETE	
TYPE OR LOCATIONS OF CONCRETE	MINIMUM SPECIFIED	COMPRESSIVE STR	ENGTH (F'c) A
CONSTRUCTION	NEGLIGIBLE	MODERATE	SEVERE
BASEMENT WALLS, FOUNDATIONS AND OTHER CONCRETE NOT EXPOSED TO THE WEATHER	2,500	2,500	_{2,500} C
BASEMENT SLABS AND INTERIOR SLABS ON GRADE, EXCEPT GARAGE FLOOR SLABS	2,500	2,500	_{2,500} C
BASEMENT WALLS, FOUNDATION WALLS, EXTERIOR WALLS AND OTHER VERTICAL CONCRETE WORK EXPOSED TO THE WEATHER	2,500	3,000 D	3,000 D
PORCHES, CARPORT SLABS AND STEPS EXPOSED TO THE WEATHER AND GARAGE FLOOR SLABS	2,500	3,000 D,E,F	3,500 D,E,F

FOR SI: 1 POLIND PER SOLIARE INCH - 6 895 kPa

B. SEE TABLE R301.2(1) FOR WEATHERING POTENTIA C. CONCRETE IN THESE LOCATIONS THAT MAY BE SUBJECT TO FREEZING AND THAWING DURING CONSTRUCTION SHALL BE AIR-ENTRAINED CONCRETE IN ACCORDANCE WITH FOOTNOTE D D. CONCRETE SHALL BE AIR ENTRANED. TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) SHALL NOT BE

S THAN 5 PERCENT OR MORE THAN 7 PERCENT E SEE SECTION R402 2 FOR MAXIMUM CEMENTITIOUS MATERIALS CONTENT

F. FOR GARAGE FLOORS WITH A STEEL-TROWELED FINISH, REDUCTION OF THE TOTAL AIR CONTENT (PERCENT BY VOLUME OF CONCRETE) TO NOT LESS THAN 3 PERCENT IS PERMITTED IF THE SPECIFIED COMPRESSIVE STRENGTH OF THE CONCRETE IS INCREASED TO NOT LESS THAN 4,000 PSI.

Table 3.2B				
THREE SECOND GUST WIND SPEED (MPH)		110	120	
BOTTOM PLATE TO FOUNDATION ANCHOR	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT S	PACING (IN)	1,2,3,4
BOLT CONNECTION RESISITING				
LATERIAL AND SHEAR LOADS		1/2" ANCHOR	R BOLTS	
	1-3 STORIES	3	0"	
		5/8" ANCHOR	R BOLTS	

PRESCRIPTIVE LIMITS ARE BASED ON ASSUMPTIONS IN TABLE A-3.2 WHEN ANCHOR BOLTS ARE USED TO RESIST UPLIFT, LATERAL AND SHEAR LOADS THE MAXIMUM ANCHOR BOLT SPACING SHALL NOT EXCEED THE LESSER OF THE TABULATED VALUES FOR UPLIFT LOADS

BUT IN NO CASE SHALL ANCHOR BOLT SPACINGS EXCEED 6' ON CENTER

ABLE A-3.2C) OF LATERAL AND SHEAR LOADS (TABLE A-3.2B). FOR OTHER ANCHOR BOLT LIMITATIONS SEE SECTIONS 3.2.1.7 AND 3.2.2.3

TABULATED ANCHOR BOLT SPACINGS FOR LATERAL AND SHEAR LOADS ASSUME WALLS ARE SHEATHED IN ACCORDANCE WITH SECTION 3.4.4.2. FOR OTHER WALL SHEATHING TYPES THE TABULATED ANCHOR BOLT SPACINGS SHALL BE MULTIPLIED BY THE APPROPRIATE SHEATHING TYPE ADJUSTMENT FACTOR IN TABLE 3.17D,

FOR THREE SECOND GUST WIND SPEEDS GREATER THAN 100 MPH, WITH A TABULATED LATERAL VALUE FROM TABLE A-3.5 GREATER THAN 262 PLF, LATERAL CONNECTIONS SHALL BE DETERMINED USING THE LOADS FROM TABLE A-3.5.

THREE SECOND GUST WIND SPEED (MPH	1)	110 120		
BOTTOM PLATE TO FOUNDATION ANCHOR BOLT CONNECTION RESISTING	FOUNDATION SUPPORTING	MAXIMUM ANCHOR BOLT SPACING (IN)		
UPLIFT LOADS		8' END ZO	DNES	
	1-3 STORIES	39"	33"	
		INTERIOR ZONES		
	1-3 STORIES	45"	38"	

PRESCRIPTIVE LIMITS ARE BASED ON ASSUMPTIONS IN TABLE 3.2. WHEN ANCHOR BOLTS ARE USED TO RESIST UPLIFT, LATERAL AND SHEAR LOADS THE MAXIMUM ANCHOR BOLT SPACING SHALL NOT EXCEED THE LESSER OF THE TABULATED VALUES FOR UPLIFT LOADS (TABLE A-3.2C) OF LATERAL AND SHEAR LOADS (TABLE A-3.2B). FOR OTHER ANCHOR BOLT LIMITATIONS

SEE SECTIONS 3.2.1.7 AND 3.2.2.3

ALL JOISTS, BEAMS, RAFTERS AND OTHER LUMBER, SHALL BE CONSTRUCTION GRADE # 2, DOUG-FIR-LARCH, FB=875 P.S.I., OR APPROVED EQUAL, EXCEPT WHERE SPECIFIED OTHERWISE. PROVIDE STRUCTURAL DIAGONAL BRACING AT EXTERIOR WALL CORNERS and WALL STUDS SHALL EXTEND THE FULL HEIGHT. SILLS AND ALL WOOD IN CONTACT WITH THE CONCRETE SHALL BE TREATED LUMBER ACQ GRADE #2, SOUTHERN PINE, FB= 875 P.S.I. OR APPROVED EQUAL

ANY FLASHING IN CONTACT WITH ACQ TREATED LUMBER MUST BE COPPER COATED, STAINLESS STEEL OR DOUBLE DIPPED CLEARANCE: WOOD FRAMING SHALL BE AT LEAST 8" ABOVE ADJACENT GRADE.

ALL LAMINATED VENEER LUMBER (LVL) SHALL BE E=2.0 BY TRUSS JOIST OR EQUAL. PROVIDE BLOCKING AS PER MANUF. SPECS AND THE RESIDENTIAL CODE OF THE NEW YORK STATE HEADERS: 2 - 2"X10" UNLESS SPECIFIED OTHERWISE. IN BEARING WALLS, HEADERS SHALL REST ON DOUBLE STUDS, EACH

SUPPORTS: PROVIDE STRUCTURAL SUPPORTS BELOW EACH POST OR STRUT AS REQUIRED.

BRIDGING: WOOD OR METAL, 8'-0" O.C. MAXIMUM; 2 NAILS PER END. INSTALL PER MANUFACTURES SPECIFICATIONS

PARTITIONS: PROVIDE DOUBLE JOISTS UNDER PARTITIONS PARALLEL TO JOISTS UNLESS INDICATED TO BE MORE. PROVIDE EXTERIOR CORNERS: 3-2"*4". INTERIOR CORNERS 3-2"*4" EXTERIOR WALLS: 2"*4", 16" O.C. INTERIOR WALLS 2"x4",16" o.c. UNLESS OTHERWISE NOTED

OPENINGS: DOUBLE WOOD FRAMING SHALL BE PROVIDED AROUND OPENINGS IN WALLS, FLOORS, CEILINGS, ROOFS, etc.

DOUBLE ROOF RAFTERS AS PER ROOF PLAN ALL STRUCTURAL PLYWOOD SHALL MEET THE CONSTRUCTION USE AND APPLICATION STANDARDS OF THE AMERICAN PLYWOOD ASSOCIATION (APA)

NOTE: PER 2001 WFCM SECTION 2.1.3.3 WALL SYSTEMS SECTION a. WALL HEIGHTS - THE SLENDERNESS RATIO FOR STUDS IS 1e/d SHALL NOT EXCEED 50. SO 12'X12"=144"/5.5"=26 WHICH IS LESS THAN 50 SO A 12' HIGH WALL COMPLIES WITH THE CODE.

ALL METAL JOIST HANGERS AND OTHER METAL HANGERS SHALL BE CAPABLE OF HANGING LOADS AT CONNECTING POINTS. INSTALLATIONS BE BY TECO CONNECTORS AND SIMPSON OR APPROVED EQUAL. THEY SHALL SHALL BE IN STRICT CONFORMANCE WITH MANUFACTURES SPECIFICATIONS AND RECOMMENDATIONS AND THE 2015 RESIDENTIAL CODE OF NEW

ALL WALLS AND CEILINGS TO BE TAPED AND SPACKLED 3 COATS. PAINT AS SELECTED BY OWNER. INSTALL

ALL WALLS, FLOORS AND CEILING SURFACES NEW OR EXISTING SHALL BE PATCHED AND OR FINISHED TO MATCH EXISTING

ALL TJI'S TO BE BY TRUSS JOIST, GEORGIA PACIFIC OR APPROVED EQUAL

DEMOLITION AS PER DEMOLITION PLANS

PROVIDE FIRERGLASS INSULATION PLUS VAPOR BARRIER IN WALLS. CEILINGS, FLOORS AND WHERE NOTED ON DRAWINGS,

DOORS AND WINDOWS SHALL BE COMPLETE AND SHALL INCLUDE FRAMES, TRIMS, EXTENSION JAMBS, SILLS, STOOLS, WINDOWS AND EXTERIOR DOORS SHALL BE ADEQUATELY FLASHED AT HEADS AND PROPERLY CAULKED AND WEATHERSTRIPPED. ALL GLAZING SHALL BE LOW-E, DOUBLE-PANED. ALL WINDOWS TO BE ANDERSON OR

ONLY IN WIND BORNE DEBRIS AREA-SEE CHART ABOVE: FURNISH AND PLACE IN THE STORAGE ROOM, PAINTED WOOD STRUCTURAL PANELS, 7/16" MIN THICKNESS WITH A MAXIMUM SPAN OF 8 FT. FOR ALL GLAZED OPENINGS AT ALL WINDOWS. PANELS

FT, 12" O.C. FOR SPANS < 6 FT., AND 9" O.C. FOR SPANS < 8 FT. AT ALL WINDOWS

WALLS AND PARTITIONS HAVING A REQUIRED FIRE- RESISTANCE RATING

SHALL BE PRECUT TO COVER THE GLAZED OPENINGS WITH 2-1/2" #6 SCREWS, 16" O. C. FOR SPANS < 4

ROVIDE FIRE STOPPING AS PER THE 2015 RESIDENTIAL CODE OF NEW YORK STATE FIRE STOP CONCEALED SPACES WITHIN WALL, CEILING, PARTITION, FLOOR, STAIR, ATTIC OR CORNICE CONSTRUCTION AND AROUND CHIMNEY, PIPE AND DUCT OPENINGS IN SUCH CONSTRUCTION, SHALL BE FIRESTOPPED OR FILLED WITH NON COMBUSTIBLE MATERIAL TO PREVENT THE PASSAGE OF FLAME, SMOKE, FUMES AND HOT GASES. FIRE STOPPING OR FILL SHALL BE NONFLAMMABLE MATERIAL WHICH CAN SHAPED, FITTED AND PERMANENTLY SECURED IN POSITION. FIRE STOP CONCEALED VERTICAL SPACES IN WALLS AND PARTITIONS SHALL BE BE FIRESTOPPED AT EACH FLOOR LEVEL AND AT THE CEILING OF THE UPPERMOST STORY, SO THAT SUCH SPACES WILL NOT BE CONTINUOUS FOR MORE THAN ONE STORY OR COMMUNICATE WITH CONCEALED HORIZONTAL SPACES IN THE FLOOR OR ROOF CONSTRUCTION. SPACE BETWEEN FLOOR JOISTS WITH CEILLINGS ATTACHED DIRECTLY TO THE JOISTS SHALL BE FIRESTOPPED FOR THE FULL DEPTH OF THE JOISTS AT ALL POINTS OF SUPPORT, UNDER SUPPORTED

FIRE STOP CONCEALED SPACES WITH WOOD FRAMED WALLS AND PARTITIONS AT EACH FLOOR LEVEL AND AT THE CEILING LINE OF THE TOP STORY. WHERE FIRE STOPS ARE NOT AUTO- MATICALLY PROVIDED BY THE FRAMING SYSTEM USED, USE CLOSELY FITTED WOOD BLOCKS SAME WIDTH AS FRAMING MEMBERS

ROVIDE GUTTERS AND LEADERS AND GRADE SOIL TO DRAIN AWAY FROM HOUSE. PROVIDE DRYWELLS AS PER LOCAL TOWN CODES. COLOR AS SELECTED BY OWNER

IN KITCHENS, PROVIDE A PROPERLY-SIZED EXHAUST FAN, DISCHARGING TO THE OUTDOORS IN BATHROOMS, PROVIDE A MEDICINE CABINET AS SELECTED BY OWNER.

PROVIDE 5/8" FIRE CODE GYPSUM BOARD ON CEILING ABOVE HEATING UNITS AND WALLS.

THE OWNER AND CONTRACTOR HAVE THE RESPONSIBILITY TO COMPLY WITH ALL APPLICABLE CODES, LAWS, RULES AND REGULATIONS IN THE CONSTRUCTION OF THIS PROJECT AND TO VERIFY ALL DIMENSIONS, MATERIALS AND THE LOAD-BEARING CAPACITY OF THE SOIL PRIOR TO START OF WORK. ALSO, VERIFY ALL CONDITIONS FOR WORKABILITY. THE ARCHITECT WILL NOT ENGAGED IN THE SUPERVISION OR INSPECTION OF THIS PROJECT DURING CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH THE CONTENTS OF THE SPECIFICATIONS FOR THESE DRAWINGS

R314.1 GENERAL. SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314.

14.1.1 LISTINGS. SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND UL 2034.
R314.2 WHERE REQUIRED. SMOKE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTION. 4.2.1 NEW CONSTRUCTION. SMOKE ALARMS SHALL BE PROVIDED IN DWELLING UNITS. 14.2.2 ALTERATIONS, REPAIRS, AND ADDITIONS. WHERE ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT TO CUR, OR WHERE ONE OR MORE SLEEPING ROOMS ARE ADDED OR CREATED IN EXISTING DWELLINGS, THE INDIVIDUAL

DWELLING UNIT SHALL BE EQUIPPED WITH SMOKE ALARMS LOCATED AS REQUIRED FOR NEW DWELLINGS. EXCEPTIONS:

1. WORK INVOLVING THE EXTERIOR SURFACES OF DWELLINGS, SUCH AS THE REPLACEMENT OF ROOFING OR SIDING, THE ADDITION OR REPLACEMENT OF WINDOWS, DOORS, OR THE ADDITION OF A PORCH OR DECK, ARE EXEMPT FROM THE

INSTALLATION, ALTERATION OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS ARE EXEMPT FROM THE REQUIREMENTS OF THIS SECTION. R314.3 LOCATION. SMOKE ALARMS SHALL BE INSTALL IN THE FOLLOWING LOCATIONS:

IN EACH SLEEPING ROOM. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS 3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS BUT NOT INCLUDING CRAWL SPACES AND UNINHABITABLE ATTICS. IN DWELLINGS OR DWELLING UNITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SURFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL I. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN 3 FEET HORIZONTALLY FROM THE DOOR OR OPENING OF A

BATHROOM THAT CONTAINS A BATHTUB OR SHOWER UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM REQUIRED BY SECTION R314.3. R314.3.1 INSTALLATION NEAR COOKING APPLIANCES. SMOKE ALARMS SHALL NOT BE INSTALLED IN THE FOLLOWING LOCATIONS UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATIONS REQUIRED BY SECTION R314.3. IONIZATION SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 20 FEET HORIZONTALLY FROM A PERMANENTLY

INSTALLED COOKING APPLIANCE

2. IONIZATION SMOKE ALARMS WITH AN ALARM-SILENCING SWITCH SHALL NOT BE INSTALLED LESS THAN 10 FEET HORIZONTALLY FROM A PERMANENTLY INSTALLED COOKING APPLIANCE. 3. PHOTOELECTRIC SMOKE ALARMS SHALL NOT BE INSTALLED LESS THAN 6 FEET HORIZONTALLY FROM A PERMANENT INSTALLED COOKING APPLIANCE. R314.4 INTERCONNECTION. WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DIVIDUAL OF THE WARD WITHIN AN INDIVIDUAL OF THE WARD WELLING UNIT IN ACCORDANCE WITH SECTION R314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED AND ALL ALARMS SOUNDS UPON ACTIVATION OF ONE ALARM. <u>EXCEPTION</u>: INTERCONNECTION OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE ALTERATIONS OR REPAIRS DO NOT RESULT IN REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE, OR BASEMENT AVAILABLE THAT COULD PROVIDE ACCESS FOR INTERCONNECTION WITHOUT THE REMOVAL OF INTERIOR FINISHES. R224.5 COMBINATION ALARMS. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE USED IN R314.6 POWER SOURCE. SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION. <u>EXCEPTIONS:</u> 1. SMOKE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POWER. 2. SMOKE ALARMS IN ACCORDANCE WITH SECTION R314.2.2 SHALL BE PERMITTED TO BE BATTERY POWERED. R314.7 FIRE ALARM SYSTEMS. FIRE ALARM SYSTEMS SHALL B E PERMITTED TO BE USED IN LIEU OF SMOKE ALARMS AND SHALL COMPLY WITH SECTIONS R314.7.1 THROUGH R314.7.4 R317.1 GENERAL. FIRE ALARM SYSTEMS SHALL COMPLY WITH THE PROVISIONS OF THIS CODE AND THE HOUSEHOLD FIRE QUIPMENT PROVISIONS OF NFPA 72. SMOKE DETECTORS SHALL BE LISTED IN ACCORDANCE WITH UL 268. R314.7.2 LOCATION. SMOKE DETECTORS SHALL BE INSTALLED IN THE LOCATIONS SPECIFIED IN SECTION R314.3 7.3 PERMANENT FIXTURE. WHERE A HOUSEHOLD FIRE ALARM SYSTEM IS INSTALLED, IT SHALL BECOME A PERMANENT

IXTURE ON THE OCCUPANCY, OWNED BY THE OWNER. R314.7.4 COMBINATION DETECTORS. COMBINATION OF SMOKE AND CARBON MONOXIDE DETECTORS SHALL BE PERMITTED TO BE INSTALLED IN FIRE ALARM SYSTEMS IN LIEU OF SMOKE DETECTORS, PROVIDED THAT THEY ARE LISTED IN ACCORDANCE WITH UL 268 AND UL 2075.

R315 CARBON MONOXIDE ALARMS

R315.1 GENERAL. CARBON MONOXIDE SHALL COMPLY WITH SECTION R315. 315.1.1 LISTINGS. CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 2034. COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 2034 AND UL 217. R315.2 WHERE REQUIRED. CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN ACCORDANCE WITH THIS SECTIONS R315.2.1 R315.2.1 NEW CONSTRUCTION. FOR NEW CONSTRUCTION, CARBON MONOXIDE ALARMS SHALL BE PROVIDED IN DWELLING UNITS WHERE EITHER OR BOTH OF THE FOLLOWING CONDITIONS EXIST.

THE DWELLING UNIT CONTAINS A FUEL-FIRED APPLIANCE. THE DWELLING UNIT HAS AN ATTACHED GARAGE WITH AN OPENING THAT COMMUNICATES WITH THE DWELLING UNIT. R315.2.2 ALTERATIONS, REPAIRS, AND ADDITIONS. WHERE ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT TO OCCUR, OR WHERE ONE OR MORE SLEEPING ROOMS ARE ADDED OR CREATED IN EXISTING DWELLINGS, THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPPED WITH CARBON MONOXIDE ALARMS LOCATED AS REQUIRED FOR NEW DWELLINGS

2. INSTALLATION, ALTERATION OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS ARE EXEMPT FROM THE

ACCORDANCE WITH SECTION R315.2.2 SHALL BE PERMITTED TO BE BATTERY POWERED.

WORK INVOLVING THE EXTERIOR SURFACES OF DWELLINGS, SUCH AS THE REPLACEMENT OF ROOFING OR SIDING, THE ADDITION OR REPLACEMENT OF WINDOWS, DOORS, OR THE ADDITION OF A PORCH OR DECK, ARE EXEMPT FROM THE REQUIREMENTS OF THIS SECTION.

R315.3 LOCATION. CARBON MONOXIDE ALARMS IN DWELLING UNITS SHALL BE INSTALLED OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. WHERE A FUEL-BURNING APPLIANCE IS LOCATED WITHIN A BEDROOM OR ITS ATTACHED BATHROOM, A CARBON MONOXIDE ALARM SHALL BE INSTALLED WITHIN THE BEDROOM. R315.4 COMBINATION ALARMS. COMBINATION CARBON MONOXIDE AND SMOKE ALARMS SHALL BE PERMITED TO BE USED IN LIEU OF CARBON MONOXIDE ALARMS. R315.5 POWER SOURCE. CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING IERE SUCH WIRING IS SERVED FROM A COMMERCIAL SOURCE AND, WHERE PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY. WIRING SHALL BE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECTION. <u>EXCEPTIONS:</u> 1. CARBON MONOXIDE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHERE INSTALLED IN BUILDINGS WITHOUT COMMERCIAL POWER. 2. CARBON MONOXIDE ALARMS IN

R315.6 CARBON MONOXIDE DETECTION SYSTEMS. CARBON MONOXIDE DETECTION SYSTEMS SHALL BE PERMITTED TO BE JSED IN LIEU OF CARBON MONOXIDE ALARMS AND SHALL COMPLY WITH SECTIONS R315.6.1 THROUGH R315.6.4 R315.6.1 GENERAL. HOUSEHOLD CARBON MONOXIDE DETECTION SYSTEMS SHALL COMPLY WITH NFPA 720. CARBON MONOXIDE DETECTORS SHALL BE LISTED IN ACCORDANCE WITH UL 2075.

R315.6.2 LOCATION. CARBON MONOXIDE DETECTORS SHALL BE INSTALLED IN THE LOCATIONS SPECIFIED IN SECTION R315.3. HESE LOCATIONS SUPERSEDE THE LOCATIONS SPECIFIED IN NFPA 720. R315.6.3 PERMANENT FIXTURE. WHERE A HOUSEHOLD CARBON MONOXIDE DETECTION SYSTEM IS INSTALLED, IT SHALL BECOME A PERMANENT FIXTURE OF THE OCCUPANCY AND OWNED BY THE HOMEOWNER. R315.6.4 COMBINATION DETECTORS. COMBINATION CARBON MONOXIDE AND SMOKE DETECTORS SHALL BE PERMITTED TO BE INSTALLED IN CARBON MONOXIDE DETECTORS, PROVIDED THAT THEY ARE LISTED IN ACCORDANCE WITH UL 2075 AND UL 268.

LIGHT, VENTILATION - SECTION R303
HABITABLE ROOMS: ALL HABITABLE ROOMS SHALL BE PROVIDED WITH AGGREGATE GLAZING AREA OF NOT LESS THAN 8 PERCENT OF THE FLOOR AREA OF SUCH ROOMS. NATURAL VENTILATION SHALL BE THROUGH WINDOWS, DOORS, LOUVERS OR OTHER APPROVED OPENINGS TO THE OUTDOOR AIR. SUCH OPENINGS SHALL BE PROVIDED WITH READY ACCESS OR SHALL OTHERWISE BE READILY CONTROLLABLE BY THE BUILDING OCCUPANTS. THE MINIMUM OPERABLE AREA TO THE OUTDOORS SHALL BE 4 PERCENT OF THE FLOOR AREA BEING VENTILATED. BATHROOMS SHALL BE 3 SF OF GLAZING WITH ONE HALF OF WHICH MUST BE OPERABLE. THE GLAZED AREAS SHALL NOT BE REQUIRED WHERE ARTIFICIAL LIGHT AND MECHANICAL VENTILATION SYSTEMS ARE PROVIDED.

BATHROOM LIGHT AND VENTILATION R303.3
BATHROOMS, WATER CLOSET COMPARTMENTS AND OTHER SIMILAR ROOMS SHALL BE PROVIDED WITH AGGREGATE GLAZING AREA IN WINDOWS NOT LESS THAN 3 SQUARE FEET, ONE-HALF OF WHICH MUST BE OPERABLE. THE GLAZING AREA SHALL NOT BE REQUIRED WHERE ARTIFICIAL LIGHT AND MECHANICAL VENTILATION SYSTEMS ARE PROVIDED. THE MINIMUM VENTILATION RATES SHALL BE 50 CFM FOR INTERMITTENT VENTILATION OR 20 CFM FOR CONTINUOUS VENTILATION. VENTILATION AIR FROM THE SPACE SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE.

R303.7 INTERIOR STAIRWAY ILLUMINATION. INTERIOR STAIRWAYS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE TO ILLUMINATE THE LANDINGS AND TREADS. THE LIGHT SOURCE SHALL BE CAPABLE OF ILLUMINATING TREADS AND LANDINGS TO LEVELS OF NOT LESS THAN 1 FOOT-CANDLE (11 LUX) AS MEASURED AT THE CENTER OF TREADS AND LANDINGS. THERE SHALL BE A WALL SWITCH AT EACH FLOOR LEVEL TO CONTROL THE LIGHT SOURCE WHERE THE STAIRWAY HAS SIX OR MORE RISERS

EXCEPTION: A SWITCH IS NOT REQUIRED WHERE REMOTE, CENTRAL OR AUTOMATIC CONTROL OF LIGHTING IS PROVIDED. R303.8 EXTERIOR STAIRWAY ILLUMINATION. EXTERIOR STAIRWAYS SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED AT THE TOP LANDING OF THE STAIRWAY. EXTERIOR STAIRWAYS PROVIDING ACCESS TO A BASEMENT FROM THE OUTDOOR GRADE LEVEL SHALL BE PROVIDED WITH AN ARTIFICIAL LIGHT SOURCE LOCATED AT THE BOTTOM LANDING OF THE STAIRWAY.

R311.7.3 VERTICAL RISE. A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE GREATER THAN 147 INCHES (3734 MM) BETWEEN FLOOR LEVELS OR LANDINGS.

STAIR TREADS AND RISERS PER R311.7.5

RISER HEIGHT PER R311.7.5.1 - THE MAXIMUM RISER HEIGHT SHALL BE 8 1/4 INCHES (196MM). THE RISER SHALL BE MEASURED VERTICALLY BETWEEN LEADING EDGES OF THE ADJACENT TREADS. THE GREATEST RISER HEIGHT WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH (9.5 MM).

TREAD DEPTH PER R311.7.5..2 - THE TREAD DEPTH SHALL BE NOT LESS THAN 9 INCHES (254 MM). THE TREAD DEPTH SHALL BE MEASURED HORIZONTALLY BETWEEN THE VERTICAL PLANES OF THE FOREMOST PROJECTION OF THE ADJACENT TREADS AND AT A RIGHT ANGLE TO THE TREAD'S LEADING EDGE. THE GREATEST TREAD DEPTH WITHIN ANY FLIGHT OF STAIRS SHALL NOT EXCEED THE SMALLEST BY MORE THAN 3/8 INCH (9.5 MM).

<u>LIGHTING OUTLETS ADDITIONAL LOCATIONS SECTION E3903.3</u>
AT LEAST ONE WALL-SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED IN HALLWAYS, STAIRWAYS, ATTACHED GARAGES, AND DETACHED GARAGES WITH ELECTRIC POWER. AT LEAST ONE WALL-SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED TO PROVIDE ILLUMINATION ON THE EXTERIOR SIDE OF EACH OUTDOOR EGRESS DOOR HAVING GRADE LEVEL ACCESS, INCLUDING OUTDOOR EGRESS DOORS FOR ATTACHED GARAGES AND DETACHED GARAGES WITH ELECTRIC POWER. A VEHICLE DOOR IN A GARAGE SHALL NOT BE CONSIDERED AS AN OUTDOOR EGRESS DOOR. WHERE ONE OR MORE LIGHTING OUTLETS ARE INSTALLED FOR INTERIOR STAIRWAYS, THERE SHALL BE A WALL SWITCH AT EACH FLOOR LEVEL AND ANDING LEVEL THAT INCLUDES AN ENTRYWAY TO CONTROL THE LIGHTING OUTLETS WHERE THE STAIRWAY BETWEEN FLOOR

<u>LANDINGS FOR STAIRWAYS PER R311.7.6.</u> THERE SHALL BE A FLOOR OR LANDING AT THE TOP AND BOTTOM OF EACH STAIRWAY. THE WIDTH PERPENDICULAR TO THE DIRECTION OF TRAVEL SHALL BE NOT LESS THAN THE WIDTH OF THE FLIGHT SERVED, LANDINGS OF SHAPES OTHER THAN SQUARE OR RECTANGULAR SHALL BE PERMITTED PROVIDED THAT THE DEPTH AT THE WALK LIKE AND THE TOTAL AREA IS NOT LESS THAN THAT OF A QUARTER CIRCLE WITH A RADIUS EQUAL TO THE REQUIRE LANDING WIDTH. WHERE THE STAIRWAY HAS A STRAIGHT RUN, THE DEPTH IN THE DIRECTION OF TRAVEL SHALL BE NOT LESS THAN 36 INCHES (914MM). EXCEPTION: A FLOOR OR LANDING IS NOT REQUIRED AT THE TOP OF AN INTERIOR FLIGHT OF STAIRS, PROVIDED A DOOR DOES NOT SWING OVER THE STAIRS.

HANDRAILS PER R311.7.8 HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF EACH CONTINUOUS RUN OF TREADS OR FLIGHT WITH FOLIR OR MORE RISERS HEIGHT PER R311.7.8.1 - HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES (864 MM) AND NOT MORE THAN 38 INCHES (965 MM).

CONTINUITY PER R311.7.8.2 - HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 1 1/2 INCH (38 MM) BETWEEN THE WALL AND THE HANDRAILS.

<u>EXCEPTIONS:</u>

1. HANDRAILS SHALL BE PERMITTED TO BE INTERRUPTED BY A NEWEL POST AT THE TURN. 2. THE USE OF A VOLUTE, TURNOUT, STARTING EASING OR STARTING NEWEL SHALL BE ALLOWED OVER THE LOWEST TREAD.

GUARDS PER SECTION R312
R312.1 GUARDS. GUARDS SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS R312.1 THROUGH R312.1.4

R312.1.1 WHERE REQUIRED. GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, RAMPS, AND LANDINGS, THAT ARE LOCATED MORE THAN 30 INCHES (762 MM) MEASURED VERTICALLY TO THE FLOOR OR GRADE BELOW AT ANY POINT WITHIN 36 INCHES (914MM) HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. INSECT SCREENING SHALL NOT BE CONSIDERED AS A GUARD.

R312.1.2 HEIGHT. REQUIRED GUARDS AT OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, PORCHES, BALCONIES OR LANDINGS, SHALL BE NOT LESS THAN 36 INCHES (914MM) IN HEIGHT AS MEASURED VERTICALLY ABOVE THE ADJACENT

SURFACE OR THE LINE CONNECTING THE LEADING EDGES OF TREADS.

1. GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT NOT LESS THAN 34 INCHES (864MM) MEASURED EXCEPTIONS: 1. GUARDS ON THE OPEN SIDES OF STAIRS SHALL HAVE A HEIGHT NOT LESS THAIR 34 INCRES (0044MW), MEADONLE VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF TREADS. 2. WHERE THE TOP OF THE GUARD SERVES AS A HANDRAIL ON THE OPEN SIDES OF STAIRS, THE TOP OF THE GUARD SHALL BE NOT LESS THAN 34 INCHES (846MM) AND NOT MORE THAN 38 INCHES (965MM) AS MEASURED VERTICALLY FROM A LINE CONNECTING THE LEADING EDGES OF TREADS. R312.1.3 OPENING LIMITATIONS. REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKLING SURFACE TO THE EQUIRED GUARD HEIGHT THAT ALLOW PASSAGE OF A SPHERE 4 INCHES (102 MM) OR MORE IN DIAMETER. EXCEPTIONS: 1. THE TRIANGULAR OPENINGS AT THE OPEN SIDE OF STAIR, FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6 INCHES (152 MM) IN DIAMETER. 2. GUARDS ON THE OPEN SIDE OF STAIRS SHALL NOT HAVE OPENINGS THAT ALLOW PASSAGE OF A SPHERE 4 3/8 INCHES (107 MM) IN DIAMETER. R312.1.4 EXTERIOR PLASTIC COMPOSITE GUARDS. PLASTIC COMPOSITE EXTERIOR GUARDS SHALL COMPLY WITH THE REQUIREMENTS OF SECTION R317.4.

THE SCOPE OF THE ELECTRICAL WORK ENCOMPASSES AN OPERATING ELECTRICAL SYSTEM AS INDICATED ON THE DRAWINGS AND NOTED HEREIN. IT IS NOT THE INTENT OF THESE DRAWINGS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO SECURE AND PAY FOR ALL REQUIRED ELECTRICAL PERMITS AND PROVIDE ALL NECESSARY LABOR, MATERIAL AND AND EQUIPMENT TO CONFORM TO THE INTENT OF THE SCOPE OF WORK. THE FI FOTRICAL INSTALLATION SHALL COMPLY WITH ALL RULES, AND REGULATIONS OF THE NATIONAL ELECTRIC CODE (NEC) LOCAL BUILDING CODE AND THE REGULATIONS OF THE PUBLIC UTILITY COMPANY FURNISHING PRIMARY SERVICE.

ALL MATERIALS, EQUIPMENT, DEVICES, ETC. UTILIZED IN THE WORK, SHALL BE UNDERWRITERS LABORATORY (UL) LISTED AND SHALL BEAR THE UL LABEL. HEATING AND VENTILATING SYSTEM SHALL BE DESIGNED BY A MECHANICAL ENGINEER

THE SCOPE OF THE PLUMBING WORK ENCOMPASSES AN OPERATING PLUMBING SYSTEM CONSISTING OF DRAINAGE, WASTE AND VENT PIPING, HOT AND COLD WATER DISTRIBUTION SYSTEM, AND PLUMBING FIXTURES COMPLETE WITH TRIM AND TRAPS. TIE INTO EXISTING PLUMBING LINE AS REQUIRED

ALL WORK SHALL CONFORM TO THE APPLICABLE PLUMBING CODES. AND ALL PERTINENT LOCAL REGULATIONS APPLICABLE TO THIS SECTION. PROVIDE ALL REQUIRED PERMITS AND OBTAIN ALL INSPECTIONS AND PAY SUCH FEES AS MAY BE THEREBY INCURRED. PERFORM OR OBTAIN ALL TESTS AS MAY BE REQUIRED, SUPPLYING ALL LABOR AND INSTRUMENTS NEEDED AND PAY SUCH COSTS INCURRED.

GIVE CAREFUL CONSIDERATION TO THE WORK OF OTHER TRADES AND ORGANIZE THE WORK SO THAT IT WILL NOT INTERFERE WITH THE OTHER TRADES. EXAMINE THE SITE AND PLANS AND BE FULLY INFORMED REGARDING LIMITATIONS OF SPACE AVAILABLE FOR INSTALLATION OF ALL EQUIPMENT AND MATERIALS AS WELL AS ALL CONDITIONS REGARDING SERVICE CONNECTIONS, GRADE, GROUND CONDITIONS AND ALL FACTORS INVOLVED IN THE COMPLETION OF THE WORK

FURNISH AND INSTALL ALL SLEEVES, HANGERS, INSERTS, ANCHORS AND APPURTENANCES AS MAY BE REQUIRED FOR PROPER EXECUTION AND FUNCTIONING OF THE PLUMBING SYSTEM.

ALL PIPING SHALL BE INSTALLED TO PROVIDE FOR EXPANSION AND CONTRACTION WITHOUT STRESSING PIPE OR EQUIPMENT. HORIZONTAL DRAINAGE AND VENT PIPING SHALL BE GRADED AT A MINIMUM OF 1/8" PER FT INTO THE SYSTEM. VERTICAL PIPING SHALL BE PLUMBED IN TWO DIRECTIONS. PROVIDE NON CONDUCTING UNIONS WHENEVER CONNECTING DISSIMILAR METALS IN

FURNISH AND INSTALL STOP VALVES, ESCUTCHEON PLATES, UNIONS, VENTS, ETC. AS REQUIRED FOR THE PROPER EXECUTION OF THE WORK. ALL PIPING EXPOSED TO VIEW WITHIN THE COMPLETED SPACE SHALL BE POLISHED CHROME OR BRASS AS

REQUIRING WATER DRAINAGE, WASTE AND OR VENTING ALL CONCEALED WORK SHALL REMAIN UNCOVERED OR NOT INSULATED UNTIL REQUIRED TESTS HAVE BEEN COMPLETED AND APPROVED. IF SO REQUIRED BY THE PROJECT SCHEDULE ARRANGE FOR PRIOR TESTS OF SPECIFIC PORTIONS OF WORK

CONNECT ALL PLUMBING EQUIPMENT FURNISHED BY THE OWNER OR BY THE PLUMBING CONTRATOR AND THIS SECTION

LEFT READY FOR USE. THIS SECTION SHALL BE RESPONSIBLE FOR PROTECTION OF ALL FIXTURES TO INSURE THAT ALL ARE IN GOOD CONDITION ON JOB COMPLETION. REPAIR AND TOUCHUP TO THE OWNERS SATISFACTION FACTORY FINISHED SURFACES, SPECIAL COATINGS, ACOUSTICAL TREATMENTS, ETC. THAT MAY BE DAMAGED DURING THE PROGRESS OF THE DUCTS IN UNCONDITIONED SPACES MUST BE INSULATED TO R-5

ALL TESTS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODE REQUIREMENTS. TESTS SHALL INDICATE ADEQUACY ACCEPTABLE QUIETNESS AND CONTINUOUS OPERATION OF ALL EQUIPMENT WITHOUT OVERLOADING INCLUDING CORRECT VOLUMES, PRESSURES AND SATISFACTORY TEMPERATURES AND VELOCITIES. DEFECTS DISCLOSED BY SUCH TESTS

SHALL BE MADE GOOD AND THE DEFECTIVE PARTS MADE GOOD AT NO ADDITIONAL COST TO THE OWNER. TESTS SHALL BE REPEATED AFTER CORRECTIONS HAVE BEEN MADE. TEST PRESSURES SHALL BE MAINTAINED FOR A CONTINUOUS TWELVE

UPON COMPLETION OF THE WORK ALL FIXTURES SHALL BE THOROUGHLY CLEANED WITH SOAP AND WATER ADJUSTED AND

DRYER EXHAUST SYSTEMS SHALL BE INDEPENDENT OF ALL OTHER SYSTEMS, SHALL CONVEY THE MOISTURE TO THE OUTDOORS AND SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING. EXHAUST DUCT TERMINATIONS SHALL BE IN ACCORDANCE WITH THE DRYER MANUFACTURER'S INSTALLATION INSTRUCTIONS. SCREENS SHALL NOT BE CONNECTED AT THE DUCT TERMINATION. EXHAUST DUCTS SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. FLEXIBLE TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE LIMITED TO SINGLE LENGTHS NOT TO EXCEED 8 FEET IN LENGTH. MAX LENGTH OF A CLOTHES DRYER SHALL NOT EXCEED 25 FEET FROM THE DRYER LOCATION TO THE WALL

ENERGY NOTES

1. WOOD FRAMED FLOORS, WALLS AND CEILINGS SHALL HAVE AN APPROVED VAPOR BARRIER (PERMEANCE RATING OF 1.0 PERM) INSTALLED ON THE "WARM IN WINTER" SIDE OF THERMAL INSULATION. 2. WINDOWS AND SLIDING DOORS SHALL HAVE A MAX, AIR INFILTRATION RATING OF 0.3 CFM PER SQUARE FOOT OF WINDOW

5. ALL THERMOSTATS SHALL BE ADJUSTABLE FROM 55 DEGREES TO 85 DEGREES FAHRENHEIT. 6. ALL DUCTS AND PIPES SHALL BE INSULATED AS REQUIRED BY CODE.

AREA. SWINGING DOORS SHALL HAVE A MAX. AIR INFILTRATION RATE OF 0.5 CFM PER SQUARE FOOT OF DOOR AREA. 3. ALL FIREPLACES HALL BE PROVIDED WITH A DAMPER FOR OUTSIDE COMBUSTION AIR 150-200 CFM. ALL FLUES SHALL HAVE TIGHT SEATED DAMPER WITH A MAX. AIR LEAKAGE OF 20 CFM. ALL FIREPLACES SHALL HAVE TIGHT-FITTING NON-COMBUSTIBLE DOORS. 4. THE CONTRACTOR SHALL SUBMIT THE DESIGN, SIZE AND TYPE OF MECHANICAL SYSTEMS WHICH WILL BE USED, IN SUFFICIENT DETAIL, AS REQUIRED BY THE BUILDING DEPARTMENT

SAFETY GLASS REQUIREMENTS PER R308

DESIGN NOTES:

SAFETY GLASS REQUIRED AT THE FOLLOWING LOCATIONS:

7. HVAC CONTRACTOR SHALL VERIFY HEAT LOSS CALCULATIONS.

ALL HOSE BIBB LOCATIONS SHALL BE AS INSTRUCTED BY OWNER

CLOTHES DRYERS EXHAUST SHALL COMPLY WITH SECTION RM1501

ANY GLAZING IN ANY DOOR TYPE. 2. GLAZING ADJACENT TO DOORS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE AND IT MEETS EITHER OF THE FOLLOWING 2.1. WHERE THE GLAZING IS WITHIN 245 INCHES OF EITHER SIDE OF THE DOOR IN THE PLANE OF THE DOOR IN A CLOSED

2.2. WHERE THE GLAZING IS ON A WALL PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION WITHIN 24 INCHES OF THE HINGE SIDE OF AN IN-SWINGING DOOR. 3. GLAZING IN WINDOWS LARGER THAN 9 SQUARE FEET; WHERE THE BOTTOM EDGE IS LESS THAN 18 INCHES ABOVE THE FLOOR; WHERE THE TOP EDGE IS MORE THAN 36 INCHES ABOVE THE FLOOR; ONE OR MORE WALKING SURFACES ARE

WITHIN 36 INCHES, MEASURED HORIZONTALLY AND IN A STRAIGHT LINE, OF THE GLAZING. GLAZING IN GUARDS AND RAILINGS. 5. GLAZING IN WALLS ENCLOSURES OR FENCES CONTAINING OR FACING HOT TUBS, WHIRPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND INDOOR OR OUTDOOR SWIMMING POOLS*

6. GLAZING ADJACENT TO STAIRS AND RAMPS WHERE THE BOTTOM IS LESS THAN 36 INCHES ABOVE THE WALKING SURFACE 7. GLAZING ADJACENT TO THE BOTTOM STAIR LANDING WHERE THE GLAZING IS LESS THAN 36 INCHES ABOVE THE LANDING AND WITHIN A 60-INCH HORIZONTAL ARC LESS THAN 180 DEGREES FROM THE BOTTOM TREAD NOSING * THE REQUIREMENT DOES NOT APPLY IF THE BOTTOM EDGE OF THE GLASS IS MORE THAN 60" ABOVE THE FLOOR.

ASPHALT ROOF SHINGLE NOTES

ASPHALT ROOF SHINGLES SHALL HAVE SELF-SEALING STRIPS OR SHALL BE INTERLOCKING AND SHALL COMPLY WITH THE

ALL FASTENERS FOR ASPHALT ROOF SHINGLES SHALL BE GALVANIZED STEEL, STAINLESS, ALUMINUM, OR COPPER ROOFING AILS. FASTENERS SHALL BE MINIMUM 12 GAGE SHANKED WITH A MINIMUM 3/8" DIA. HEAD, AND OF SUFFICIENT LENGTH TO PENETRATE THROUGH THE ROOFING MATERIALS AND THE SHEATHING ASPHALT ROOF SHINGLES SHALL HAVE THE MIMIMUM NUMBER OF FASTENERS AS REQUIRED BY THE MANUFACTURER.

FOR NORMAL APPLICATIONS, ASPHALT ROOF SHINGLES SHALL BE SECURED TO THE ROOF WITH NO LESS THAN FOUR (4) FASTENERS PER STRIP SHINGLE OR TWO (2) FASTENERS PER INDIVIDUAL SHINGLE. ASPHALT STRIP SHINGLES SHALL HAVE A MINIMUM OF SIX (6) FASTENERS PER SHINGLE WHERE THE EAVE IS 20 FEET OR

HIGHER ABOVE GRADE OR WHERE THE BASE WIND SPEED IS 120 MPH OR GREATER.

MISCELLANEOUS CONSTRUCTION NOTES

ALL CONCRETE WORK SHALL CONFORM TO REQUIREMENTS AND RECOMMENDATIONS OF ACI-301-96 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 ALL STEEL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE AISC "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS". STEEL SHALL CONFORM TO ASTM A-572(GRADE 50) AND A-501 ALL ELECTRICAL WORK SHALL CONFORM TO LOCAL NEC AND UNDERWRITERS LABORATORY REQUIREMENTS. PRE-FABRICATED FIREPLACES AND FLUES SHALL BE UL APPROVED.

INSTALL SMOKE DETECTORS AND CARBON MONOXIDE DETECTORS IN ACCORDANCE WITH ALL STATE AND LOCAL CODE

THE OWNER SHALL ARRANGE FOR SUPERVISION OF THE CONSTRUCTION WORK TO INSURE COMPLIANCE WITH THE CONTRACT

MECHANICAL PER M1703
5/8" TYPE 'X' GYPSUM BOARD AT WALLS & CEILING OF UTILITY. PROVIDE 3/4 HR. FIRE RATED DOOR. PROVIDE FRESH AIR FOR MECH. TWO OPENINGS - ONE WITHIN 12" OF CEILING & ONE WITHIN 12" OF FLOOR. EA. OPNG. TO HAVE 1" SQ. INCH PER 2,000 BTU/H OF TOTAL INPUT OF ALL APPLIANCES IN SPACE. UPPER OPENING DUCT TO BE LEVEL OR VERTICAL.

MECHANICAL ELECTRICAL PER M1305.1.3.1

A LIGHTING FIXTURE CONTROLLED BY A SWITCH LOCATED AT THE REQUIRED PASSAGEWAY OPENING AND A RECEPTACLE OUTLET SHALL BE PROVIDED AT OR NEAR THE APPLIANCE LOCATION IN ACCORDANCE WITH CHAPTER 39. EXPOSED LAMPS SHALL BE PROTECTED FROM DAMAGE BY LOCATION OR LAMP GUARDS.

<u>LIGHTING IN STORAGE OR EQUIPMENT SPACES PER E3903.4</u>
IN ATTICS, UNDER-FLOOR SPACES, UTILITY ROOMS AND BASEMENTS, AT LEAST ONE LIGHTING OUTLET SHALL BE INSTALLED WHERE THESE SPACES ARE USED FOR STORAGE OR CONTAIN EQUIPMENT REQUIRING SERVICING. SUCH LIGHTING OUTLET SHALL BE CONTROLLED BY A WALL SWITCH OR SHALL HAVE AN INTEGRAL SWITCH. AT LEAST ONE POINT OF CONTROL SHALL BE AT THE USUAL POINT OF ENTRY TO THESE SPACES. THE LIGHTING OUTLET SHALL BE PROVIDED AT OR NEAR THE

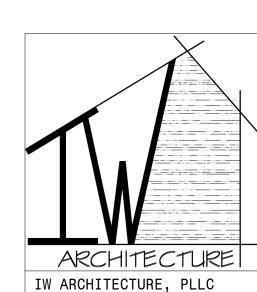
ROOF VENTILATION PER R806.2
THE TOTAL NET FREE VENTILATION AREA SHALL NOT BE LESS THAN 1 TO 150 OF THE AREA OF THE SPACE VENTILATED EXCEPT THAT THE TOTAL AREA IS PERMITTED TO BE REDUCED TO 1 TO 300, PROVIDED AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE REQUIRED VENTILATING AREA IS PROVIDED BY VENTILATORS LOCATED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3 FEET (914MM) ABOVE EAVE OR CORNICE VENTS WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY EAVE OR CORNICE VENTS, AS AN ALTERNATE, THE NET FREE CROSS-VENTILATION AREA MAY BE REDUCED TO 1 TO 300 WHEN A VAPOR BARRIER HAVING A TRANSMISSION RATE NOT EXCEEDING 1 PERM (57.4 MG/S-M2-PA) IS INSTALLED ON THE WARM SIDE OF CEILING.

MECHANICAL APPLIANCES IN ATTICS PER M1305.1.3
ATTICS CONTAINING APPLIANCES REQUIRING ACCESS SHALL BE PROVIDED WITH AN OPENING AND A CLEAR AND INOBSTRUCTED PASSAGEWAY LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE, BUT NOT LESS THAN 30 INCHES HIGH AND 22 INCHES WIDE AND NOT MORE THAN 20 FEET IN LENGTH WHEN MEASURED ALONG THE CENTERLINE OF THE PASSAGEWAY FROM THE OPENING TO THE APPLIANCE. THE PASSAGEWAY SHALL HAVE CONTINUOUS SOLID FLOORING IN ACCORDANCE WITH CHAPTER 5 NOT LESS THAN 24 INCHES WIDE. A LEVEL SERVICE SPACE AT LEAST 30 INCHES DEEP AND 30 INCHES WIDE SHALL BE PRESENT ALONG ALL SIDES OF THE APPLIANCE WHERE ACCESS IS REQUIRED. THE CLEAR ACCESS OPENING DIMENSIONS SHALL BE A MINIMUM OF 20 INCHES BY 30 INCHES, WHERE SUCH DIMENSIONS ARE LARGE ENOUGH TO ALLOW REMOVAL OF THE LARGEST APPLIANCE.

GAS PIPING PER G2414.4.1 (403.4.1) PER FG 403.4.1 OF THE FUEL GAS CODE OF NEW YORK STATE, CAST IRON SHALL NOT BE USED.

THESE DRAWINGS, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF CUSTOM DESIGNED RESIDENCES. INFRINGEMENT OR ANY USE OF THESE DRAWING FOR ANY OTHER PROJECT OR OWNER, OTHER THAN THOSE INDICATED ON THESE DRAWINGS IS PROHIBITED. ANY ALTERATION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED BY LAW, WITHOUT THE WRITTEN CONSENT OF THE ABOVE SAID ARCHITECT

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2010 ENERGY CONSERVATION CONSTRUCTION CODE



07/22/2020 | ISSUED FOR FILING ISSUES AND REVISIONS

WEST HEMPSTEAD, NY 11552

845 MYRNA DRIVE

SEAL/SIGNATURE Israeli Residence 950 Smith Lane

Hewlett Neck, NY

GENERAL NOTES

DRWN BY: IW CHK'D BY: IW - SCALE: DATE 07/22/20 2 0F 5 ▼ N.T.S.

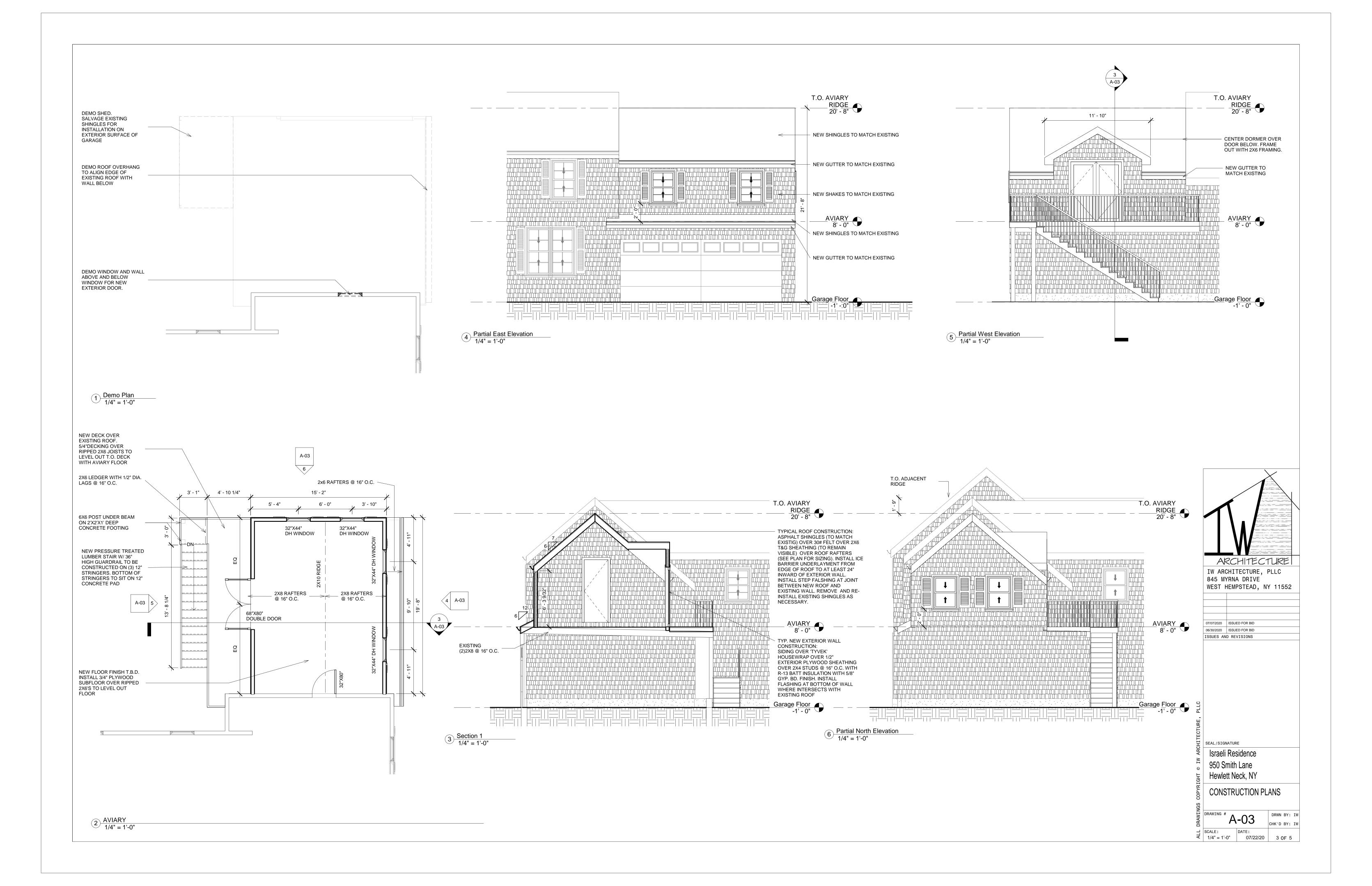


	TABLE :				UPLIFT STRAP CO	NNECTION REQUIREME	NTS - EX
	NAILING SCH	NUMBER OF	NUMBER OF				RIPTIVE
MOL	T DESCRIPTION ROOF FRA	COMMON NAILS	BOX NAILS	NAIL SPACING	THREE SECOND GI	DEAD LOAD ST WIND SPEED (mph)	ASSUMI
RAFTER TO TOP PLA		SEE TABLE 3.4A	SEE TABLE 3.4A	PER RAFTER			
	P PLATE (TOE-NAILED)	SEE TABLE 3.4A	SEE TABLE 3.4A	PER JOIST	FRAMING SPACING		
	LEL RAFTER (FACE NAILED)	SEE TABLE 3.9A	SEE TABLE 3.9A	EACH LAP		12	
CEILING JOIST LAPS	OVER PARTITIONS (FACE NAILED)	SEE TABLE 3.9A	SEE TABLE 3.9A	EACH LAP	12	2 2	4 8
COLLAR TIE TO RAFT	TER (FACE NAILED)	SEE TABLE 3.6A	SEE TABLE 3.6A	PER TIE		3 3	6
BLOCKING TO RAFTE	R (TOE-NAILED)	2-8D COMMON	2-IOD COMMON	EACH END		12	•
RIM BOARD TO RAFT	ER (END-NAILED)	2-16D COMMON	2-16D COMMON	EACH END	16	2 2 2 2	4
	WALL FRAMING			1		3. 3.	2
TOP PLATE TO TOP F		2-16D COMMON	2-16D COMMON	PER FOOT		12	
	RSECTIONS (FACE-NAILED)	4-16D COMMON	5-16D COMMON	JOINTS-EA SIDE	19.2	2	4
STUD TO STUD (FACE		2-16D COMMON	2-16D COMMON	24" O.C.		2 3 3	2
HEADER TO HEADER		16D COMMON	16D COMMON	16"O.C. ALONG EDGES		12	2
	ATE TO STUD (END-NAILED)	(SEE TABLE 3.5A)	(SEE TABLE 3.5A)	ALONG EDGES PER STUD	24	2	0
TOT ON BOTTOM LA	(IL 10 3100 (LID-IVALLE))	(SEE TABLE S.SA)	(322 17322 3.37)	TER STOP		2 3	8 2
BOTTOM PLATE TO FI	LOOR JOIST, BAND JOIST (ING (FACE NAILED)	2-16D COMMON	2-16D COMMON	PER FOOT	I PRESCRIPTIV	/E LIMITS ARE BASED	
	FLOOR FRAMI	NG		1	2 TABULATED I	JPLIFT CONNECTION REJUDITED IN	EQUIREM
JOIST TO SILL TOP P	LATE OR GIRDER (TOE NAILED)	4-8D COMMON	4-IOD COMMON	PER JOIST	(0.60 X I5 PS	SF = 9 PSF). IF A CEIL F ASSEMBLY, THE TAB	ING ASS
BRIDGING TO JOIST (TOE NAILED)	2-8D COMMON	2-IOD COMMON	EACH END	STRAP.	M A653 GRADE 33 5	
BLOCKING TO JOIST	(TOE NAILED)	2-8D COMMON	2-IOD COMMON	EACH END			
BLOCKING TO SILL O	R TOP PLATE (TOE NAILED)	3-16D COMMON	4-16D COMMON	EACH BLOCK			TA
LEADGER STRIP TO E	BEAM (FACE-NAILED)	3-16D COMMON	4-16D COMMON	EACH JOIST	TOP	AND BOTTOM PLATE 1 (PRESCRIPT	O STUD
JOIST ON LEDGER TO	BEAM (TOE NAILED)	3-8D COMMON	3-IOD COMMON	PER JOIST	THREE SECOND GU	ST WIND SPEED (mph)	85
BAND JOIST TO JOIS	T (END-NAILED)	3-16D COMMON	4-16D COMMON	PER JOIST			REQUIR
BAND JOIST TO SILL	OR TOP PLATE (TOE-NAILED)	2-16D COMMON	3-16D COMMON	PER FOOT	STUD SPACING (IN)	WALL HEIGHT (FT)	STUD 1
	ROOF SHEATH	ING				8 10 12	2 2 2
STRUCTURAL PANELS		8D COMMON	IOD COMMON	SEE TABLE 3.10	12	i4 16	2 2
DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER	HEATHING	2-8D COMMON 3-8D COMMON	2-IOD COMMON 3-IOD COMMON	PER SUPPORT PER SUPPORT		18 20	2 2
TAIO OR AIDER			TO TOP GOT II TORK	1 21 301 1 311		10	2
	CEILING SHEA	THING	ı		16	12 4 6	2 2 2
GYPSUM WALLBOARD)	5D COOLERS	5D COOLERS	7" EDGE/IO" FIELD		18 20	2 2
	WALL SHEATHI	NG				8 10	2 2
STRUCTURAL PANELS		8D COMMON	IOD COMMON	SEE TABLE 3.II	24	12 14	2 2
7/16" 25/32"		60 ³ COMMON 80 ³ COMMON	-	3" EDGE/6" FIELD 3" EDGE/6" FIELD		16 8 20	2 2 2
GYPSUM WALLBOARD)	5D COLLERS	5D COLLERS	7" EDGE/IO" FIELD	I PRESCRIPTIVE	E LIMITS ARE BASED (
HARDBOARD		8D COMMON	8D COMMON	SEE TABLE 3.II	BY 0.92 FOR	RAMING LOADS AND C FRAMING NOT LOCATI	ED WITH
PARTICALBOARD PA	NELS	8D COMMON	8D COMMON	SEE MANUFACTURER	3. TABULATED F	RAMING LOADS ASSU	ME A BU
DIAGONAL BOARD SH	HEATHING	2-8D COMMON	2-IOD COMMON	PER SUPPORT			
		3-8D COMMON	3-IOD COMMON	PER SUPPORT			ΤA
I"XIO" OR WIDER	FLOOR SHEATHIN	6				RIDGE TENSION STRA (PRESCR	
			100 400 400	6" EDGE/I2" FIELD	DE	EAD LOAD ASSUMPTIO	NS: RO
STRUCTURAL PANELS I" OR LESS		8D COMMON	IOD COMMON		THREE SECOND GU	IST WIND SPEED (mph)	85
STRUCTURAL PANELS I" OR LESS GREATER THAN I"	JEATUING.	8D COMMON IOD COMMON	IDD COMMON	6" EDGE/6" FIELD			SHIR APPE
STRUCTURAL PANELS I" OR LESS	HEATHING			PER SUPPORT PER SUPPORT	ROOF PITCH	ROOF SPAN (FT)	
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER I - NAILING REQUIREM	ENTS ARE BASED ON WALL SHEATS	2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE	2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL	PER SUPPORT		12 16	OF II
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER I - NAILING REQUIREM EDGE, IF WALL SHEAR CAPACITIE		2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T BUCTURAL MEMBERS SH	2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF	PER SUPPORT PER SUPPORT	ROOF PITCH	12 16 20 24	OF 11,
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"XIO" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SHI SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEAT	ENTS ARE BASED ON WALL SHEAT EATHING IS NAILED 3" ON CENTER A S, NAILING REQUIREMENTS FOR STR	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI	2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER	PER SUPPORT PER SUPPORT	ROOF PITCH	2 6 20	0F
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"XIO" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SH SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEA' OF NAILS SHALL I	ENTS ARE BASED ON WALL SHEATH EATHING IS NAILED 3" ON CENTER I S, NAILING REQUIREMENTS FOR STR ECTORS, SUCH AS SHEAR PLATES S THING IS CONTINUOUS OVER CONNEC BE PERMITTED TO BE REDUCED TO BANT II GAGE ROOFING NAILS AND	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI CTED MEMBERS, THE T. I-16D NAIL PER FOOT	2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER	PER SUPPORT PER SUPPORT	ROOF PITCH	12 16 20 24 28 32 36	OF 11
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"XIO" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SHI SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEAT OF NAILS SHALL IS 3 - CORROSION RESIS	ENTS ARE BASED ON WALL SHEATH EATHING IS NAILED 3" ON CENTER A S, NAILING REQUIREMENTS FOR STR ECTORS, SUCH AS SHEAR PLATES S THING IS CONTINUOUS OVER CONNECT BE PERMITTED TO BE REDUCED TO SANT II GAGE ROOFING NAILS AND REQUIREMENTS	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI CTED MEMBERS, THE T, 1-16D NAIL PER FOOT 16 GAGE STAPLES AR	2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER	PER SUPPORT PER SUPPORT	ROOF PITCH	2 6 20 24 28 32 36 12 16 20 24	OF 11
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SH SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEAT OF NAILS SHALL IS 5 - CORROSION RESIS FOR ADDITIONAL	ENTS ARE BASED ON WALL SHEATH EATHING IS NAILED 3" ON CENTER A S, NAILING REQUIREMENTS FOR STR ECTORS, SUCH AS SHEAR PLATES S THING IS CONTINUOUS OVER CONNECT THING IS TO TOP PLATE LATERA	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI CTED MEMBERS, THE T. I-16D NAIL PER FOOT 16 GAGE STAPLES AF AL AND SHEAR CONNEC	2-IOD COMMON 3-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER RE PERMITTED, CHECK	PER SUPPORT PER SUPPORT	ROOF PITCH	2 6 20 24 28 32 36 12 16 20	OF 11
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SH SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEAT OF NAILS SHALL IS 5 - CORROSION RESIS FOR ADDITIONAL	ENTS ARE BASED ON WALL SHEATH EATHING IS NAILED 3" ON CENTER A S, NAILING REQUIREMENTS FOR STR ECTORS, SUCH AS SHEAR PLATES S THING IS CONTINUOUS OVER CONNECT SE PERMITTED TO BE REDUCED TO SANT II GAGE ROOFING NAILS AND REQUIREMENTS TABLE 3 ILING JOIST TO TOP PLATE LATERA (PRESCRIPTIVE ALTERNATIVE	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI CTED MEMBERS, THE T. I-16D NAIL PER FOOT 16 GAGE STAPLES AF AL AND SHEAR CONNEC	2-IOD COMMON 2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER RE PERMITTED, CHECK CTION REQUIREMENTS	PER SUPPORT PER SUPPORT R H IBC	ROOF PITCH	2 6 20 24 28 32 36 12 16 20 24 28 32	OF 11
STRUCTURAL PANELS I" OR LESS GREATER THAN I" DIAGONAL BOARD SI I"X6" OR I"X6" I"X10" OR WIDER I - NAILING REQUIREM EDGE. IF WALL SH SHEAR CAPACITIE ALTERNATE CONNE 2 - WHEN WALL SHEAT OF NAILS SHALL I 3 - CORROSION RESIS FOR ADDITIONAL	ENTS ARE BASED ON WALL SHEATH EATHING IS NAILED 3" ON CENTER A S, NAILING REQUIREMENTS FOR STR ECTORS, SUCH AS SHEAR PLATES S THING IS CONTINUOUS OVER CONNECT BE PERMITTED TO BE REDUCED TO BANT II GAGE ROOFING NAILS AND REQUIREMENTS TABLE 3 ILING JOIST TO TOP PLATE LATERA (PRESCRIPTIVE ALTERNATIVE)	2-8D COMMON 2-8D COMMON 3-8D COMMON HING NAILED 6" ON-CE AT THE PANEL EDGE T UCTURAL MEMBERS SH HALL BE USED TO MAI CTED MEMBERS, THE T. I-16D NAIL PER FOOT 16 GAGE STAPLES AF AL AND SHEAR CONNEC	2-IOD COMMON 2-IOD COMMON 3-IOD COMMON NTER AT THE PANEL O OBTAIN HIGHER HALL BE DOUBLED, OF NTAIN THE LOAD PAT ABULATED NUMBER RE PERMITTED, CHECK CTION REQUIREMENTS	PER SUPPORT PER SUPPORT H IBC - EXPOSURE B	8:12 4:12	2 6 20 24 28 32 36 12 16 20 24 28 32 36	2222 222

TABLE 3.4A RAFTER AND/OR CEILING JOIST TO TOP PLATE LATERAL AND SHEAR CONNECTION REQUIREMENTS - EXPOSURE B (PRESCRIPTIVE ALTERNATIVE TO TABLE 3.4)										
THREE SECOND GUST	WIND SPEED (MPH)	<i>8</i> 5	90	100	110	120	130	140	150	
RAFTER/CEILING JOIST SPACING (IN)	WALL HEIGHT (FT)	NUMBER REQUIRED	OF 8D CO IN EACH R	OMMON NA AFTER AND	AILS OR 10 D/OR CEILIN	OD BOX I 6 JOIST T	NAILS (TO O TOP PLA	DE NAILED) TION 1,2,3,4	
12	8 10	2 2	2 2	2 2	2	3	3 3	3	88	
16	8 10	2 2	2 2	3 3	3 3	3 3	4 4	4 4	4 4	
24	8 10	3 3	3 3	4 4	4 4	5 5	5 5	5 5	5 6	
PRESCRIPTIVE LIMITS 2 TABULATED CONNECTION	ARE BASED ON ASSUMM ON REQUIREMENTS ASSU				EXPOSURE	В				

3 WHEN CEILING JOISTS ARE INSTALLED PARALLEL TO RAFTERS, THE SUM OF THE TOE-NAILS IN THE RAFTER AND CEILING JOIST SHALL EQUAL OR EXCEED THE TABULATED NUMBER OF NAILS REQUIRED. 4 TO AVOID SPLITTING, NO MORE THAN 2 TOE-NAILS SHALL BE INSTALLED IN EACH SIDE OF A RAFTER OR CEILING JOIST

WHEN FASTENED TO A 2X4 TOP PLATE OR 3 TOE-NAILS IN EACH SIDE WHEN FASTENED TO A 2X6 TOP PLATE.

	TION REQUIREMENTS - EXPOSU (PRESCRIPTIVE ALTI	ERNATIVE	TO TAB	LE 3.4)					
	DEAD LOAD ASSUMPTION	l: ROOF/0	CEILING A	SSEMBL'	Y DL = 15	PSF			
HREE SECOND GUST WIN	ND SPEED (mph)	85	90	100	110	120	130	140	150
FRAMING SPACING (IN) ROOF SPAN (FT) NUMBER OF 8D COMMON NAILS OR IOD BOX NAILS IN EACH END OF 1 1/4" X 20 GAGE STRAP1234									
12	12 16 20 24 28 32 36	 	 - - - - - -	22222	222288	2225555	2333444	3334455	5 4 4 5 5 6
16	12 16 20 24 28 32 36		2222	222223	22235534	2355444	3344556	3445567	5 6
19.2	12 16 20 24 28 32 36	1 1 2 2 2 2	22222	2222555	2235544	3344455	3445567	4 4 5 6 6 7 8	5 6 7 8
24	12 16 20 24 28 32 36	1 2 2 2 2 2 2 2	2 2 2 2 2 2 3	2233334	3334455	3445566	4556778	556789	8

CONNECTION REQUIREMENTS ASSSUME A ROOF AND CEILING ASSEMBLY DEAD LOAD OF 9 PSF

1 PSF). IF A CEILING ASSEMBLY IS NOT PRESENT OR IF THE CEILING ASSEMBLY IS NOT CONNECTED SEMBLY, THE TABULATED NUMBER OF NAILS SHALL BE INCREASED BY I NAIL AT EACH END OF THE

TOP A	AND BOTTOM PLATE TO (PRESCRIPTI	O STUD L		CONNECT		R WIND L	OADS EX	(POSURE	В
THREE SECOND GUS	ST WIND SPEED (mph)	85	90	100	IIO	120	130	140	150
STUD SPACING (IN)	WALL HEIGHT (FT)	REQUIRED NUMBER OF 16D COMMON NAILS OR 40D BOX NAILS PER STUD TO PLATE CONNECTION (PLF) 125							
12	8 10 12 14 16 18 20	2 2 2 2 2 2 2 2	222222	2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2	2 2 2 2 2 2 3	2 2 2 2 3 5 5	2225555
16	8 10 12 14 16 18 20	222222	N N N N N N N	2 2 2 2 2 2 2 2	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	222255	2225555	2255544	2333444
24	8 10 12 14 16 18 20	2 2 2 2 2 2 2 2	222222	2 2 2 2 3 3 3	2223554	2333444	3 3 3 3 4 4 4	3334455	3 4 5 5 6 6 7

TS ARE BASED ON ASSUMTION IN TABLE 3.5 IG LOADS AND CONNECTION REQUIREMENTS SHALL BE PERMITTED TO BE MULTIPLIED TING NOT LOCATED WITHIN & FEET OF CORNERS ING LOADS ASSUME A BUILDING LOCATED IN EXPOSURE B

TABLE 3.6A

RIDGE TENSION STRAP CONNECTION REQUIREMENTS FOR WIND-EXPOSURE B (PRESCRIPTIVE ALTERNATIVE TO TABLE 3.6)										
DEAD LOAD ASSUMPTIONS: ROOF ASSEMBLY DL = 10 PSF										
THREE SECOND	SUST WIND SPEED (mph)	85	90	100	110	120	130	140	150	
ROOF PITCH	ROOF SPAN (FT)	NUMBER OF 1 1/4	OF 8D (COMMON 23,45,6,7	NAILS OF	R IOD BO	X NAILS	IN EACH	END	
3:12	12 16 20 24 28 32 36	22222	- a a a a a a	2225554	2288445	2344556	3445677	3456789	456789-	
4:12	12 16 20 24 28 32 36		22222	- 222555	2 2 2 3 3 4 4	2255445	2344556	3345667	3456778	
5:12	12 16 20 24 28 32 36	1 1 1 2 2	2222	22223	_ a a a b b a	2223344	2233445	2334556	3345567	
6:12	12 16 20 24 28 32 36	 	222	1 2 2 2 2 2 2	- aaaamm	2225554	22334444	2334455	2344556	
7:12 - 12:12	2 6 20 24 28 32 36	1 - 22	222	1 2 2 2 2 2 2 2 2	_ 222288	- 222555	2255544	2233445	2334456	

I. IADULATED CONNECTION REQUIREMENTS SHALL BE PERMITTED TO BE MULTIPLIED BY 0.70 FOR FRAMING NOT LOACTED MITHIN & FEET OF BUILDING CORNERS 2. TABULATED RIDGE CONNECTION LOADS ASSUME A BUILDING LOCATED IN EXPOSURE B 3. TABULATED CONNECTION REQUIREMENTS ARE BASED ON TOTAL UPLIFT MINUS 0.6 OF THE ROOF

ASSEMBLY DEAD LOAD (O.6 X IO PSF)
4. TABULATED CONNECTION REQUIREMENTS ARE BASED ON 12" RIDGE STRAP SPACING, FOR DIFFERENT RIDGE STRAP SPACING, MULTIPLY THE TABULATED VALUES BY THE APPROPRIATED MULTIPLIER BELOW: RIDGE STRAP SPACING (IN) | 12 | 16 | 19.2 | 24 | 48

1.00 | 1.33 | 1.60 | 2.00 | 4.00 MULTIPLIER 5. WHEN THE TABULATED NUMBER OF NAILS REQUIRED IN EACH END OF THE STRAP IS EQUAL TO I AND THE FRAMING IS ATTACHED IN ACCORDANCE WITH TABLE 3.1, THE RIDGE STRAP AND ADDITIONAL NAILING

IS NOT RECOURSED

6. WHEN A COLLAR TIE IS USED IN LIEU OF A RIDGE STRAP, THE NUMBER OF IOD COMMON NAILS REQUIRED

IN EACH END OF THE COLLAR TIE NEED NOT EXCEED THE TABULATED NUMBER OF 5D COMMON NAILS IN A

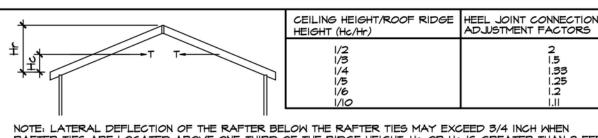
STEEL STRAP, OR THE NUMBER OF I2D BOX NAILS IN EACH END OF THE COLLAR TIE NEED NOT EXCEED THE

TABULATED NUMBER OF IOD BOX NAILS IN A STEEL STRAP 7. I-I/4" 20 GAGE RIDGE STRAP SHALL BE OF ASTM A653 GRADE 33 STEEL OR EQUIVELENT

	RAFTER/CEILING J							REMEN	TS				
	(PRESCRIF												
	DEAD LOAD ASS				SSEME	BLY DL							
		ROOF	LIVE	LOAD			6	ROUND	SNOV	N LOAD			
		20	PSF		30	PSF		5	O PSF			70 PS	F
		R00	F SPA	N (FT)									
		12	24	36	12	24	36	12	24	36	2	24	36
RAFTER SLOPE	RAFTER SPACING (IN)	REQU BOX 1	RED N	UMBER PER H	R OF I	6D CO OINT C	MMON ONNEC	OR 4	OD 23,45,6				
3:12	12	4	7	10	4	8	12	6	Ш	17	8	15	2
	16 19.2	5	9	13 16	5	10	15 18	8	15 18	22 27	10	20 24	2
	24	7	is	19	8	15	23	ıi	22	33	15	29	4
4:12	12	3	5	8	3	6	9	5	9	13	6	Ш	ı
	16	4	7	10	4	8	12	6	II	17	8	15	2
	19.2 24	5	8 10	12 15	5 6	9 12	14 17	9	14 17	2 <i>0</i> 25	۳	18 22	2 8
5:12	12	3	4	6	3	5	7	4	7	0	5	9	14
	16 19.2	3	6	8	3	6	9	5	9	14 16	6	12 14	18
	24	4	B	12	5	9	14	7	14	20	٠ ٩	18	2
7:12	12	3	3	5	3	4	5	3	5	8	4	7	Id
	16 19.2	3	4 5	6	3	5	7	4	7	10	5	9	18
	24	3	6	ģ	4	7	0	5	0	15	Ť	13	ļ
9:12	12	3	3	4	3	3	4	3	4	6	3	5	8
	16 19.2	3	3	5	3	4	5	3	5	8	4	7	10
	24	3	5	Ť	3	5	ě	4	ě	ii	5	10	į
12:12	12	3	3	3	3	3	3	3	3	5	3 0	4	6
	16 19.2	3	3	4 4	3	3	4 5	3	4 5	6	3	5	9
	24	3	4	5	3	5	6	3	6	9	4	8	- II

I. NAILING REQUIREMENTS SHALL BE PERMITTED TO BE REDUCED 25% IF NAILES ARE CLINCHED 2. HEEL JOINT CONNECTIONS ARE NOT REQUIRED WHEN THE RIDGE IS SUPPORTED BY A LOAD

- BEARING WALL, HEADER OR RIDGE BEAM DESIGNED TO RESIST THE APPLIED LOADS. 3. WHEN INTERMEDIATE SUPPORT OF THE RAFTER IS PROVIDED BY VERTICAL STRUTS OR PURLINS TO A LOADBEARING WALL, THE TABULATED HEEL JOINT CONNECTION REQUIREMENTS SHALL BE PERMITTED TO BE REDUCED PROPORTIONALLY TO THE REDUCTION IN SPAN
- 4. EQUIVALENT NAILING PATTERNS ARE REQUIRED FOR CEILING JOIST TO CEILING JOIST LAP SPLICES 5. TABULATED HEEL JOINT CONNECTION REQUIREMENTS DO NOT INCLUDE THE ADDITIONAL WEIGHT OF THE CEILING ASSEMBLY.
- 6. TABULATED HEEL JOINT CONNECTION REQUIREMENTS ASSUME CEILING JOISTS OR RAFTER TIES ARE LOCATED AT THE BOTTOM OF THE ATTIC SPACE. WHEN CEILING JOISTS OR RAFTER TIES ARE LOCATED HIGHER IN THE ATTIC SPACE, NO ATTIC STORAGE IS ASSUMED, AND THE TABULATED HEEL JOINT CONNECTION REQUIREMENTS SHALL BE INCREASED BY THE FOLLOWING FACTORS:



RAFTER TIES ARE LOCATED ABOVE ONE-THIRD OF THE RIDGE HEIGHT, Hr, OR HG IS GREATER THAN 2 FEET AND MAY REQUIRE ADDITIONAL CONSIDERATION.

TABLE 3.10 ROOF SHEATHING ATTACHMENT REQUIREMENTS FOR WIND LOADS-EXPOSURE B																	
THREE SECOND GUST WIND SPEED (mph) 85 90 100 110 120 130 140 150																	
STRUCTURAL SHEATHING																	
SHEATHING LOCATION	HEATHING LOCATION RAFTER/TRUSS SPACING MAXIMUM NAIL SPACING FOR 8D COMMON NAILS OR IOD BOX NAILS (INCHES, O.C.)																
INTERIOR ZONE	2 16 19.2 24	6666	នសសស	6666	2222	6666	2222	6666	12 12 12 12	0000	និស្សស	6666	2222	6666	N N N N	0000	2 2 2 ² 2 ²
PERIMETER EDGE ZONE	2 16 19.2 24	6666	12 12 12 12 12	6666	2222	0000	1222	6 6 6 6 6	2 ² 2 ² 6 ₃	6666	12 ² 6 6 6 ³	66633	12 ² 6 3 6 3	6 6 3 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	សសសស	6 6 4 4 6 4 4	63 44 44
	RAKE TRUSS WLOOKOUT CLOCK AKE TRUSS WO RAKE OVERHANG	66	66	63	6 ³	306	6 ³	5 ³	636	46	46	4 ⁴ 6 ³	4 ⁴ 6 ³	-6 ³	- 6 ³	-3 6 ³	- 6 ³
BOARD SHEATHING																	

GABLE ENDWALL RAKE OR R	ARE TRUSS WO RAKE OVERHANG	6	6	ь	6	6	6	6	6	6	ь	65	65	65	65	
BOARD SHEATHING																
SHEATHING SIZE	RAFTER/TRUSS SPACING (INCHES, O.C.)		MIN	MUM IOD	NUM BOX	(BER	OF ILS F		COMIN SUPP	MON ORT	NAIL	s				
IX6 OR IX8 SHEATHING IXIO OR LARGER SHEATHING	2- 9.2 2- 9.2	23		14 10	2		2	17 (1)	2	14 103	2	28	2	23		
E- NAIL SPACING AT PANEL EDGES (IN)																

F- NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD (IN)

I FOR ROOF SHEATHING WITHIN 4 FEET OF THE PERIMETER EDGE OF THE ROOF, INCLUDING

4 FEET ON EACH SIDE OF THE ROOF PEAK, THE 4 FOOT PERIMETER EDGE ZONE ATTACHMENT

REQUIREMENTS SHALL BE USED. REQUIREMENTS SHALL BE USED.

2 TABULATED 12 INCH O.C. NAIL SPACING ASSUMES SHEATHING ATTACHED TO RAFTER/TRUSS FRAMING MEMBERS WITH 6 ≥ 0.49. FOR FRAMING MEMBERS WITH 0.4256(0.49, THE NAIL SPACINGS SHALL BE REDUCED TO 6 INCHES O.C.

3 TABULATED 6 INCH O.C. NAIL SPACING ASSUMES SHEATHING ATTACHED TO RAFTER/TRUSS FRAMING MEMBERS WITH G > 0.49. FOR FRAMING MEMBERS WITH 0.4256/0.49, THE NAIL SPACINGS SHALL BE REDUCED TO 4 INCHES O.C.

4 TABULATED 4 INCH O.C. NAIL SPACING ASSUMES SHEATHING ATTACHED TO RAFTER/TRUSS FRAMING MEMBERS WITH G > 0.49. FOR FRAMING MEMBERS WITH 0.425640.49, THE NAIL

		ALL BE REDUCED TO 3 INCHES AIL SPACINGS ASSUME A BUIL			SATE	D IN	l EXF	050	RE B	,								
\downarrow	WALL SHEA	THING AND CLADING ATTACH		ΓAE				OR.	MIND	LOA	ADS	- E×	(P05	URE I	В			
	THREE SECOND GUST WIND SPEED (mph) 85 90 100 110 120 130 140 150																	
	STRUCTURAL SHEATHING																	
\dashv			E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
	SHEATHING LOCATION STUD SPACING (INCHES, O.C.) MAXIMUM NAIL SPACING FOR 8D COMMON NAILS OR IOD BOX NAILS (INCHES, O.C.)4																	
\rfloor	INTERIOR ZONE	2 6 24	666	12 12	666	12 12	666	12 12 12	6 6	2 2 2	666	N N N	666	12 12 12 ²	666	12 12 12 ²	666	12 12 12 ²
	PERIMETER EDGE ZONE	2 6 24	666	12 12 12	666	222	666	12 12 12	6 6	2 2 2	666	12 12 12 ²	666	12 12 12 ²	666	12 12 12 ²	6 6 4	12 12 ² 12 ²
		BOARD SH	EATH	ING														
	SHEATHING SIZE RAFTER/TRUSS SPACING MINIMUM NUMBER OF 8D COMMON NAILS OR IOD BOX NAILS PER SUPPORT																	
١	IX6 OR IX8 SHEATHING IXIO OR LARGER SHEATHING	IX6 OR IX6 SHEATHING											2					

E- NAIL SPACING AT PANEL EDGES (IN)
F- NAIL SPACING AT INTERMEDIATE SUPPORTS IN THE PANEL FIELD (IN)
I FOR WALL SHEATHING WITHIN 4 FEET OF THE CORNERS, THE 4 FOOT PERIMETER EDGE
ZONE ATTACHMENT REQUIRMENTS SHALL BE USED.

2 TABULATED 12 INCH O.C. NAIL SPACING ASSUMES SHEATHING ATTACHED TO STUD FRAMING MEMBERS WITH 6 > 0.49. FOR FRAMING MEMBERS WITH 0.423G/0.49, THE NAIL SPACINGS SHALL BE REDUCED TO 6 INCHES O.C.

3 FOR EXTERIOR PANEL SIDING, GALVANIZED BOX NAILS SHALL BE PERMITTED TO BE SUBSTITUTED FOR COMMON NAILS.

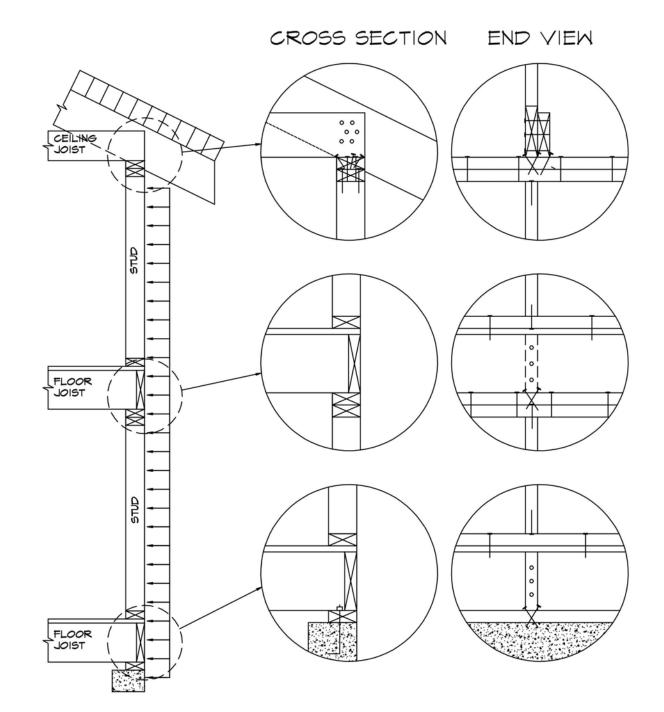
4 TABULATED NAIL SPACINGS ASSUME A BUILDING LOCATED IN EXPOSURE B

NAILING SCHEDULE AND DETAILS FOR STRAPING MEMBERS

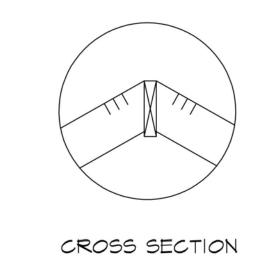
MOOD FRAME CONSTRUCTION MANUAL - 2001 EDITION FOLLOW WIND DESIGN 110 MPH REQUIREMENTS

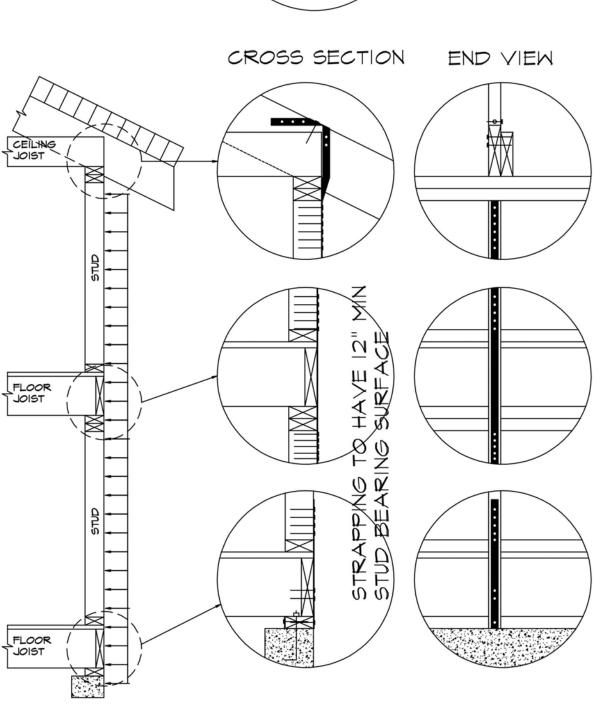
MOOD NAILING REQUIREMENTS SEE SCHEDULES FOR ALL NAILING REQUIREMENTS

COIL STRAY NAILING REQUIREMENTS ALL STRAPPING TO BE I 1/4" X 20 GAUGE STL "SIMPSON" EQUIVALENT - CS20 (COILED STRAP)

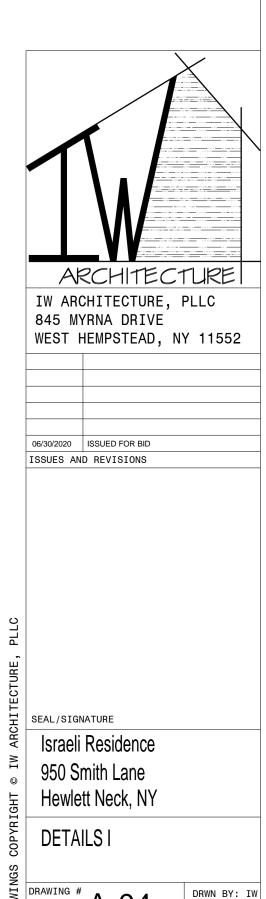


<u>DETAILS</u> **DETAILS** TYPICAL LATERAL FRAMING CONNECTIONS





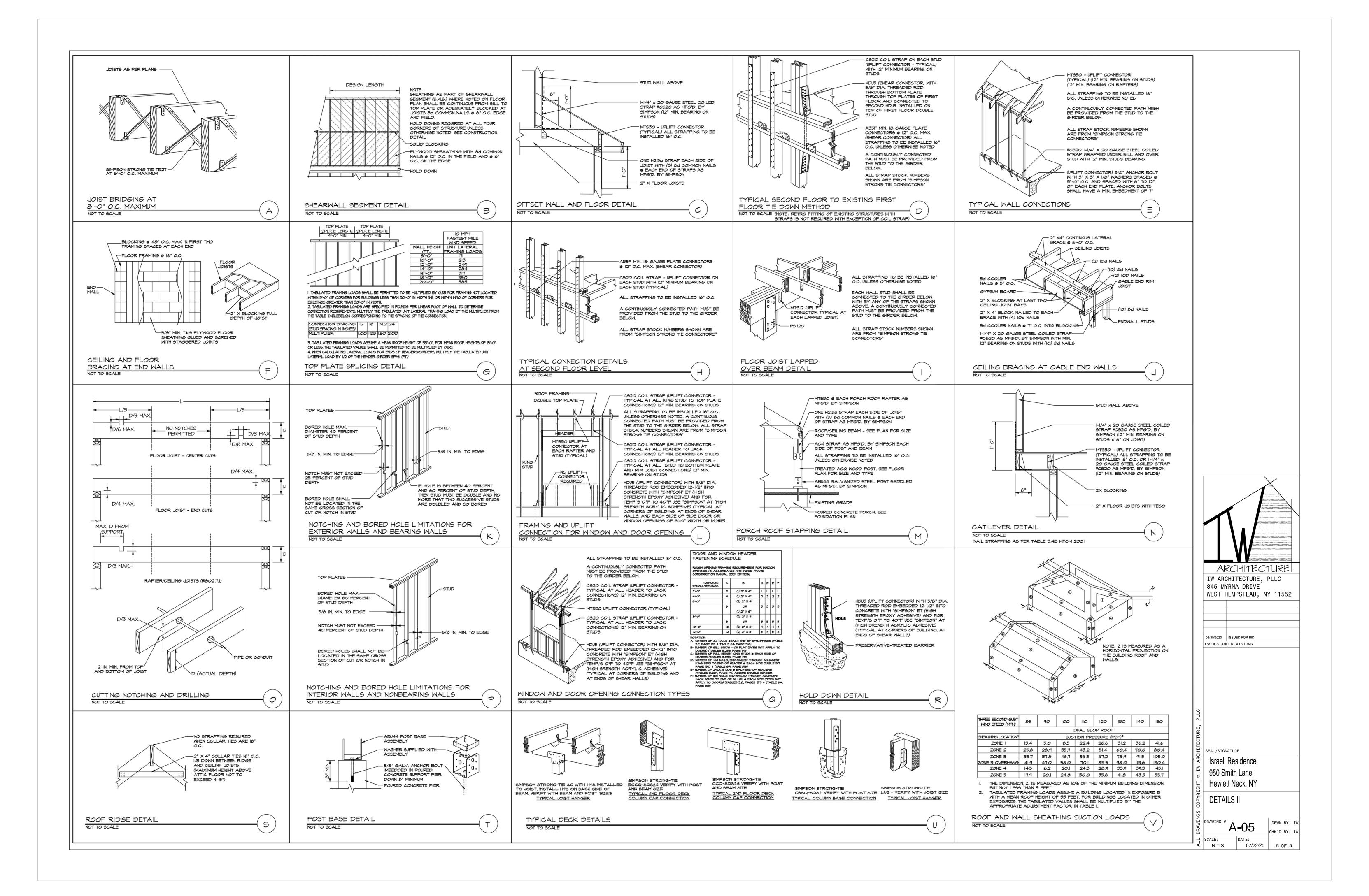




CHK'D BY: IW

- SCALE:

₹ N.T.S. 07/22/20 4 0F 5





Short Environmental Assessment Form Part 1 - Project Information

Instructions for Completing

Part 1 – Project Information. The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information			
Name of Action or Project:			
Israeli Residence Alteration			
Project Location (describe, and attach a location map):			
950 Smith Lane, Hewlett Neck, NY 11598			
Brief Description of Proposed Action:			
Construction of unconditioned Aviary over existing garage. New door from existing second flo	or bedroom, and exterior stail	г.	
Name of Applicant or Sponsor:	Telephone: 516.633.2055	5	
Israel Wertentheil	E-Mail: srael@ Warchite	ecture.com	
Address:			
845 Myrna Drive	<u> </u>		
City/PO:	State:	Zip Code:	
West Hempstead 1. Does the proposed action only involve the legislative adoption of a plan, local	New York	11552	
administrative rule, or regulation?	ii iaw, ordinance,	NO	YES
If Yes, attach a narrative description of the intent of the proposed action and the emay be affected in the municipality and proceed to Part 2. If no, continue to ques		at 🗸	
2. Does the proposed action require a permit, approval or funding from any other	er government Agency?	NO	YES
If Yes, list agency(s) name and permit or approval:		√	
3. a. Total acreage of the site of the proposed action?	0.35 acres	- mbood fibres	
b. Total acreage to be physically disturbed? c. Total acreage (project site and any contiguous properties) owned	0 acres		
or controlled by the applicant or project sponsor?	0.35 acres		
Check all land uses that occur on, are adjoining or near the proposed action:			
☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercia	al 🗸 Residential (subur	ban)	
Forest Agriculture Aquatic Other(Spec	cify):	54	
Parkland			
9.08			

Page 1 of 3 SEAF 2019

5. Is the	proposed action,	NO	YES	N/A				
a. /	A permitted use under the zoning regulations?		V					
b. (Consistent with the adopted comprehensive plan?		V					
6. Is the	proposed action consistent with the predominant character of the existing built or natural landscape?		NO	YES				
7. Is the	site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		NO	YES				
If Yes, identify:								
8. a. \	Will the proposed action result in a substantial increase in traffic above present levels?		NO	YES				
			✓					
b.	Are public transportation services available at or near the site of the proposed action?		√					
	Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?		√					
9. Does	the proposed action meet or exceed the state energy code requirements?		NO	YES				
	posed action will exceed requirements, describe design features and technologies:			V				
10. Will	the proposed action connect to an existing public/private water supply?		NO	YES				
	If No, describe method for providing potable water:			V				
11. Will	the proposed action connect to existing wastewater utilities?		NO	YES				
	f No, describe method for providing wastewater treatment:			V				
	es the project site contain, or is it substantially contiguous to, a building, archaeological site, or distric	t	NO	YES				
Commiss	isted on the National or State Register of Historic Places, or that has been determined by the ioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the ister of Historic Places?		√					
b. Is archaeolo	the project site, or any portion of it, located in or adjacent to an area designated as sensitive for gical sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?		√					
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?								
b. W	ould the proposed action physically alter, or encroach into, any existing wetland or waterbody?			믐				
If Yes, ide	entify the wetland or waterbody and extent of alterations in square feet or acres:		V					

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:	0	
☐ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional		
☐ Wetland ☐ Urban ☑ Suburban		
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or	NO	YES
Federal government as threatened or endangered?	√	
16. Is the project site located in the 100-year flood plan?	NO	YES
	✓	
17. Will the proposed action create storm water discharge, either from point or non-point sources?	NO	YES
If Yes,	✓	
a. Will storm water discharges flow to adjacent properties?	V	
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	√	
If Yes, briefly describe:		
18. Does the proposed action include construction or other activities that would result in the impoundment of water	NO	YES
or other liquids (e.g., retention pond, waste lagoon, dam)? If Yes, explain the purpose and size of the impoundment:		
	✓	
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste	NO	YES
management facility? If Yes, describe:		
State State A 400 State	\checkmark	Ш
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	NO	YES
If Yes, describe:		_
	$ \checkmark $	
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BE MY KNOWLEDGE	ST OF	
Applicant/sponsor/name: Israel Westenther Date: 06/30/2020		
Signature: Title: Registered Architect		

BOARD OF ZONING APPEALS VILLAGE OF HEWLETT NECK

(NOTARY PUBLIC)

VILLAGE OF HEWLETT NECK In the Matter of the application of **ASAEL & FAYE ISRAELI** Owner: STATE OF NEW YORK: ss: COUNTY OF NASSAU : ISRAEL WERTENTHEIL being duly sworn, deposes and says: I am the applicant with respect to / owner of the premises which is the subject of (cross out whichever is not applicable) the within application. I make this affidavit for the purposes of complying with the requirements of General Municipal Law §809. No officer of the State of New York, and no officer or employee of the County of Nassau, the Town of Hempstead or the Village of Hewlett Neck and no party officer of any political party, has an interest in the within application within the meaning of General Municipal Law \$809, except as stated hereinafter (if none, state "NONE"): POSITION NATURE OF INTEREST NAME ADDRESS NONE In the event there is any change in the information set forth herein between the date hereof and the final determination of this application, a supplemental affidavit will be filed to provide that further information. Sworn to before me on (SIGNATURE)

NOTARY PUBLIC-STATE OF NEW YORK
No. 018L6295725
Qualified in Nassau County
My Commission Expires January 06, 20

Village of Hewlett Neck Building Department



30 Piermont Ave Hewlett, New York 11557 (516) 295-1400

Denial Letter

Zoning Case #: HN-ZBA-20002

Status: Active

Property: 950 SMITH LN

Tax Map: 41019 00310

ASAEL & FAYE ISRAELI 950 SMITH LANE HEWLETT NECK , NY11598 ISRAEL WERTENTHEIL, ARCHITECT 845 MYRNA DRIVE WEST HEMPSTEAD, NY11552

Dear Applicant:

Your application to

CONSTRUCT AN UNCONDITIONED AVIARY (22.1 FT X 20 FT) OVER EXISTING GARAGE. NEW DOOR FROM EXISTING SECOND FLOOR BEDROOM, NEW EXTERIOR STAIR AND NEW PROPOSED 22FT X 26 FT PATIO ON A CORNER LOT.

has been denied due to non compliance with the Village Code. Below are the following code sections:

Village Code Section	Code	Requirement	Proposed	Zone Type
195-11.C Residence B	The maximum side yard setback in a	20 ft Side yard setback	10.25 ft side yard	HN Zone B
District	Residence B District is 20 ft.		setback	
195-20.1 Height/	The maximum height setback ratio	1.00 Side H/SB Ratio	2.10 Side H/SB	HN Zone B
Setback Ratio	for a side yard in a Residence B		Ratio	
	District is 1.00.			

If you wish to pursue this application, you may seek a variance from the Board of Appeals. Application must be made within sixty days of the filing of this determination and must include 1 original, 8 copies and 1 thumb drive, of the application, related documents and plans, and a filing fee of \$500.00. Additionally, a deposit of \$2,000 is due to defray costs. If the deposit is insufficient, an additional deposit will be assessed. If the deposit exceeds actual costs, the unused portion will be returned within 120 days of the hearing.

Regar

William Dougherty, Code En

Er orcement Official

Any questions feel free to email HnVillageHall@optimum.net Dated:07/29/2020

ISRAEL WERTENTHEIL, ARCHITECT 845 MYRNA DRIVE WEST HEMPSTEAD, NY 11552

Notice of Appearance Board of Zoning Appeals

Village Hall 30 Piermont Ave Hewlett N.Y.11557

,ISRAEL WERTENTHEIL	, appear on behalf of
(Architect or Attorney -Print Name)	**
ASAEL & FAYE ISRAELI	, owner(s) of
(Owner(s) of Property)	
950 SMITH LANE, HEWLETT NECK, NY 11598	, to seek
(Address of Property)	
a variance from the Board of Zoning Appeals.	
Dated:	
AUGUST, 20 Za	
mortales	
(Signature of Architect/Attorney)	
845 MERNA DR.	
(Address)	
FIEST HEMPUREAD NY 11552	
516-633.2055.	
(Tel # or Email)	
Signature of Owner(s):	
Jaye Ivel	<u>a</u>

