PLUMBING FIXTURE BATHTUB W/O SHWR HEAD, OR WHIRLPOOL ATTACH. DISHWASHER (ON SEPARATE TRAP) WASHER LAVATORY SHOWER LAUNDRY TUB (1 OR MORE COMPARTMENT) KITCHEN SINK (ONE OR TWO TRAPS, WITH OR W/O DISHWASHER AND GARBAGE DISPOSAL WATER CLOSET	APPLIANCES & EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE PROTECTED BY: I A SEFARATE PRESSURE RELIEF VALVE & A SEPARATE TEMPERATURE RELIEF VALVE OR 2. A COMBINATION PRESSURE & TEMP. RELIEF VALVE. P2803.2- RATING RELIEF VALVES SHALL HAVE A MIN. RATED CAPACITY FOR THE EQUIPMENT SERVED & SHALL CONFORM TO ANSI 21.22. P2803.3- PRESSURE RELIEF VALVE P2803.3- PRESSURE RELIEF VALVE P2803.3- PRESSURE RELIEF VALVE P2803.3- PRESSURE RELIEF VALVE P2803.3- PRESSURE RELIEF VALVES SHALL HAVE A RELIEF RATING ADEQUATE TO MEET THE PRESSURE CONDITIONS FOR THE APPLIANCES OR EQUIPMENT PROTECTED. IN TANKS, THEY SHALL BE INSTALLED DIRECTLY INTO A TANK TAPPING OR IN A WATER LINE CLOSE TO THE TANK. THEY SHALL BE SET OPEN AT LEAST 25 PSI ABOVE THE SYSTEM PRESSURE BUT NOT OVER 150 PSI. THE YEALL BE SET OPEN AT LEAST 25 PSI ABOVE THE SYSTEM WORKING PRESSURE WITH THE TEMP. CONDITIONS OF THE P2803.4- TEMPERATURE RELIEF VALVE SHALL NOT EXCEED THE TANK'S RATED WORKING PRESSURE WITH THE TEMP. CONDITIONS OF THE APPLIANCES OR EQUIPMENT PROTECTED. THE VALVES SHALL BE INSTALLED SUCH THAT THE TEMP. FEENSING ELEMENT MONITORS THE WATER WITHIN THE TOP 6 INCHES OF THE TANK. THE VALVE SHALL BE SET TO OPEN AT A MAX. TEMP. OF 21 OPF. P2803.5-COMBINATION PRESSURE/TEMPERATURE RELIEF VALVES OF SEPARATE PRESSURE AND TEMP. RELIEF VALVES OF SEPARATE PRESSURE AND TEMP. RELIEF VALVES.	
CHAPTER 32-TRAP 1. ALL TRAP AND CONNECTION SHALL COMPLY WITH SECTION P32 A. TRAPS SHALL BE OF STANDARD DESIGN, SHALL HAVE SMO WATERWAYS, SHALL BE SELF-CLEANING & SHALL NOT HAVE INTER INTEGRAL WITH THE FIXTURE. TRAPS SHALL BE CONSTRUCTED OF BRASS OR APPROVED PLASTIC. TUBULAR BRASS TRAPS SHALL NO THICKNESS. SOLID CONNECTIONS, SILP JOINTS & COUPLINGS ART TRAP INLET, TRAP OVILET, OR WITHIN THE TRAP SEAL. SUP JOINTS 2. FOR TRAP SIZES SEE TABLE "SIZE OF TRAPS AND TRAP ARMS F SIZE OF TRAPS AND TRAP ARMS FOR PLUMB	DISTRIANCE IN THE SINGLE KINDS & DECURENT FADIENCY TO THE UNDESTRICE OF THE COUNTER. BEFORE CONNECTING TO THE SINK TAIL PIECE. P2718- THE DISCHARGE FROM A CLOTHES WASHING MACHINE SHALL BE THROUGH AN AIR BREAK. P2720-WHIRLPOOL BATHTUBS A DOOR OR PANEL OF SUFFICIENT SIZE SHALL BE INSTALLED TO PROVIDE ACCESS TO THE PUMP FOR REPARAMBOOR REPLACEMENT. THE CIRCULATION PUMP SHALL BE ACCESSIBLY LOCATED ABOVE THE CROWN WEIR OF THE TRAP. THE PUMP DRAIN LINE SHALL BE PROPERLY GRADED TO ENSURE MIN. WATER RETENTION IN THE VOLUTE AFTER FIXTURE USE. THE CIRCULATION PIPING SHALL BE INSTALLED TO BE SELF DRAINING. LEAK TESTING AND PIMP OPERATION SHALL BE PREFORMED IN ACCORDANCE WITH THE MANUF. INSTALLATION INSTRUCTIONS. THE PRODUCT SHALL BE INSTALLED AS PER THE MANUF. INSTRUCTIONS. P2722-FIXTURE SUPPLY VALVES & FAUCETS SHALL COMPLY WITH ASME.ANSI A I I 2.18.1 AS LISTED IN TABLE P270 I.1. FAUCETS & FAUCETS SHALL COMPLY WATER FOR HUMAN INGESTION SHALL CONFORM TO THE REQUIREMENTS OF ANSWISSO. THAT SUPPLY DRINKING WATER FOR HUMAN INGESTION SHALL CONFORM TO THE REQUIREMENTS OF SECTION P2904.7. FIXTURE FITTINGS, FAUCETS & DIVERTERS SHALL BE INSTALLED SO THAT THE FLOW OF HOT WATER FROM THE FITTINGS CORRESPONDS TO THE LEFT HAND SIDE OF THE FITTING.	TRANSMITING THE REJULTING LOADS TO THE SUPPORTING STRUCTURES. LOAD BEARING DIMENSION LIMBER FOR STUDS, PLATES AND HEADERS SHALL BE IDENTIFIED BY GRADE MARK. UNGRADED LUMBER HAS TO MEET ALL REQUIREMENTS OF THE CODE & DESIGN PROFESSIONAL. SEE NOTE #7 FOR SPECIES & GRADE. WALL FRAMING NAILING REQUIREMENTS SHALL BE IN ACCORPANCE WITH TABLE 802.3(1). THE TABLE 55 HOWN ON THIS SHEET. DRILLING & NOTCHING SHALL BE AS PER THE FIGURE PROVIDED ON DETAIL SHEET & SECTION GOZ.6 IN CODE. 4. SECTION DETAIL FOR INTERIOR & EXTERIOR WALL COVERINGS. FASTENER REQUIREMENTS ARE AS SHOWN IN THE TABLES FROVIDED. 4. SECTION RESCUENCE CONSTRUCTION SHALL ACCOMMODATE ALL LOADS IMPOSED ACCORDING TO SECTION R301 & TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING STRUCTURES, LOAD BEARING DIMERSION LUMBER FOR RAFIERS, TRUSSES AND CEILING JOISTS SHALL BE IDENTIFIED BY GRADE MARK, UNGRADED LUMBER HAS TO MEET ALL REQUIREMENTS OF THE CODE & DESIGN PROFESSIONAL. SEE NOTE #7 FOR SPECIES & GRADE.
CHAPTER 3 I-VENT I. ALL VENT PIPING AND CONNECTION SHALL COMPLY WITH SEC NY.RBC. 2. FOR VENT SIZES SEE RISER DIAGRAM. 3. ALL INDIVIDUAL BRANCH AND CIRCUIT VENT PIPES SHALL COMIN OF 3" DIAMIETER PIPE. THEY SHALL TERMINATE OUTSIDE AIROOF. (P3 I O3. I \$ 3 I O4. I) 4. JUNCTION AT ROOF SHALL BE MADE WATERTIGHT BY APPRO	I NANS SHALL BE PROVIDED WITH OVERFLOWS DISCHARGING TO THE WATER CUCY AT THE MAX. RATE AT WHICH THE TANKS ARE SUPPLIED WITH WATER. AT THE MAX. RATE AT WHICH THE TANKS ARE SUPPLIED WITH WATER. ARTS IN A FLUSH TANK SHALL BE ACCESSIBLE FOR REPAIR OR REPLACEMENT. R CLOSETS SHALL BE EQUIPPED WITH SEATS OF SMOOTH, NONABSORBANT MATER OPERLY SIZED FOR WATER CLOSET BOWL TYPE. 3-BATHTUBS SHALL HAVE OUTLETS & OVERFLOWS AT LEAST 1.5 INCHES IN DIAMET E OUTLET SHALL BE EQUIPPED WITH AN APPROVED STOPPER. 4-SINKS SHALL BE PROVIDED WITH WASTE OUTLETS NOT LESS THAN 1.5 INCHES IN ANIEK, CROSSBAR OR OTHER DEVICE SHALL BE PROVIDED TO RESTRICT THE CLEA WASTE OUTLET. 7- THE WATER SUPPLY FOR DISHWASHERS SHALL BE PROTECTED BY AN AIR GAP OF THE WATER SUPPLY FOR DISHWASHERS SHALL BE ROTE OF THE SINK TAIL PRECE. TH WIGH IN DIAMETER & SHALL BE CONNECTED WITH A WYE TO THE SINK TAIL PRECE. TH WASHED WASTET LUR SANNLINGE & BE RECITED WITH A WYE TO THE SINK TAIL PRECE. TH	NG TO SECTION R301 & 1 SHALL BE IDENTIFIED BY G DDE & DESIGN PROFESSIO JENTS SHALL BE IN ACCO
10. CHAPTER 30 SANITARY DRAINAGE SECTION 2901 - GENERAL SECTION 2902 - PROTECTION OF PORTABLE WATER SUPPLY P2902: 2-BACKFLOW PREVENTER P2902: 3-PROTECTION OF POTABLE WATER OUTLETS P2902: 4-PROTECTION OF POTABLE WATER CONNECTIONS 11. SECTION 3001-3008: ALL SANITARY DRAINAGE SHALL BE PVC AND WITH TABLE 3002. 1. ALL SANITARY DRAINAGE SHALL BE CLEAN AND FREE OF MOISTURE. CLEANOUTS SHALL NOT BE MORE THAN A 100 FEET APART. CHAPTER 26 THRU 32-CONTINUED	I CONTENTS OF THE FIXTURE, TO CLEANSE THE FIXTURE & REFLIL THE FIXTURE TRYBDANCE WITH ASMEANS! AI 12.19.6. REDANCE WITH ASMEANS! AI 12.19.2 & AMSE.ANS! AI 12.19.6. REDANGE QUANTITY OF WATER SHALL BE PROVIDED TO FLUSH & CLEAN THE FIXTURE SUPPLY TO FLUSHING DEVICES EQUIPPED FOR MANUAL FLUSHING SHALL BE COMPLETELY SHUT OFF WATER FLOW TO THE TANK WHEN THE TANK IS FILLED TO COMPLETELY SHUT OFF WATER FLOW TO THE TANK WHEN THE TANK IS FILLED TO CITY, PROVISION SHALL BE MADE TO AUTOMATICALLY SUPPLY WATER THE THE FIF FILL THE TRAP AFTER EACH FLUSHING. 1 YALVE SEATS IN TANKS FOR FLUSHING WATER CLOSETS SHALL BE AT LEAST I 1 YALVE SEATS IN TANKS FOR FLUSHING WATER CLOSETS AND APPROVED WATER TO LEVEL RIM OF THE BOWL CONNECTED THERETO, EXCEPT AN APPROVED WATER TO LEVEL RIM OF THE BOWL CONDITION DESIGNED SO THAT WHEN THE TANK IS FLUSHED & THE FIX GED OR PARTIALLY CLOGGED, THE FLUSH VALVE WILL CLOSE TIGHTLY SO THAT WE CONTINUOUSLY OVER THE RIM OF THE BOWL OR BACKFLOW FROM THE BOWL TO LEVEL WATER OF THE BOWL THE FIXED OF THE WATER OF THE THE THE THE THE THE THE THE THE WATER OF THE TOWN THE	PLANS WITH A SYMBOL S. C. S. SHALL BE IN EACH SLEEPING ROOM, OUTSIDE EACH SLEEPING AREA AND PLANS WITH A SYMBOL S. C. STORY OF THE DWELLING INCLUDING BASEMENTS AND CELLARS. 38. SECTION R319: ALL WALL AND CELLING FINISHES SHALL NOT EXCEED CODE REQUIREMENTS OF A 200 FLAMESPREAD AND SMOKE DEVELOPMENT. 39. SECTION R320 & R322: WHERE UNFACE INSULATION IS USED A 6 MIL VAPOR BARRIER SHALL BE INSTALLED ON WARM-IN-WINITER SIDE OF INSULATION AND COVER WITH A MATERIAL WHICH HAS A FLAME SPREAD OF LESS THAN 200. 40. SECTION R322, R323 & R324: A MOISTURE VAPOR RETARDER SHALL BE INSTALLED ON THE WARM-IN-WINITER SIDE OF THE INSULATION. TO PROTECT AGAINST DECAY ALL EXPOSED WOOD & WOOD IN CONTACT WITH THE GROUND MUST BE PRESSURE TREATED AND ARE NOTED AS SUCH ON THE PLANS. TO PROTECT AGAINST TREMITES THE SILL.
P2905, I-BENDS; CHANGES IN DIRECTION IN COPPER TUBE ARE PI HAVING A RADIUS OF NOT LESS THAN 4 DIAMETERS OF THE TUBE, PROVIDED THAT BEND ARE MADE BY FO DEFORM OR CREATE LOSE IN CROSS-SECTION OF THE TUBE. SECTION 2906- SUPPORTED TO ENSURE ALIGNMENT & PREVENT SAGG WITH THE EXPANSION & CONTRACTION OF THE PIPING SYSTEM. 2. PIPING SHALL BE SUPPORTED TO ENSURE ALIGNMENT TO REVENT TO ENTIRE OTHERWISE PROVIDED. 3. HANGERS & ANCHORS SHALL BE SUFFICIENT STRENGTH TO MAINTAIN WEIGHT OF PIPE & CONTENTS & SUFFICIENT WILL NOT PROMOTE GALVANIC, F SHALL BE OF APPROVED MATERIAL THAT WILL NOT REMONTE GALVANIC, F SHALL BE FROVIDED AT CHANGES IN DIRECTION GREATER THAT 45° FOR 4. PIPING SHALL BE SUPPORTED AT DISTANCES NOT TO EXCEED THOSE I	INCHES OF INTERIOR CROSS-SECTIONAL AREA, SHOWER COMPARTMENTS SHALL NOT BE LESS THAN 30 INCHES OF INTERIOR CROSS-SECTIONAL AREA, SHOWER COMPARTMENTS SHALL NOT BE LESS THAN 30 INCHES OF INTERIOR DIMENSION MEASURED FROM THE FINISHED INTERIOR DIMENSION OF THE SHOWER COMPARTMENT, EXCLUSIVE OF FROM THE FINISHED INTERIOR DIMENSION OF THE SHOWER COMPARTMENT, EXCLUSIVE OF FRYNIDE VALVES, SHOWER HEADS, SOAP DISHES, & SAFETY GRAB BARS OR RAILS. THE MIN. REQUIRED AREA & DIMENSION SHALL BE MEASURED FROM THE FINISHED INT. DIMENSION AT A HEIGHT EQUAL TO THE TOP OF THE THRESHOULD & AT A POINT TANGENT TO ITS CENTERLINE & SHALL BE CONTINUED TO A HEIGHT NOT LESS THAN 70 INCHES ABOVE THE SHOWER DAIL DE SECURED TO THE SHALL BE SECURED TO THE TERMANENT STRUCTURE. SHOWER AND TUBSHOWER HEAD OUTLET SHALL BE SECURED TO THE FERMANENT STRUCTURE. SHOWER AND TUBSHOWER FROM THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVE TYPES WITH HIGH LIMIT STOPS IN ACCORDANCE WITH ASSEANS! 1016. THE HIGH LIMIT STOPS SHALL BE SET TO LIMIT WATER TEMP. TO A MAX. 120°F. P27 I 1-LAVATORIES SHALL HAVE WASTE OUTLETS NOT LESS THAN 1.25 INCH IN DIAMETER. A STRAINER, POP-UP STOPPER, CROSSBAR OR OTHER DEVICE SHALL BE PROVIDED TO RESTRICT THE CLEAR OPENING OF THE WASTE LINE. P27 I 2-WATER CLOSETS SHALL BE PROVIDED WITH A FLUSH TANK, FLUSHOMETER TANK OR FLUSHOMETER VALVE DESIGNED & INSTALLED TO SUPPLY WATER IN SUFFICIENT QUANTITY & FLOW TO	RESCUE OPENINGS SHALL NOT HAVE A SILL HEIGHT OF NOT MORE THAT 44 INCHES ABOVE THE FLOOR. ALL EMERGENCY ESCAPE OR RESCUE OPENINGS SHALL HAVE A MIN. NET CLEAR OPENING OF 5.7 SF. THE MIN., HEIGHT SHALL BE 24 INCHES. THE MIN. WIDTH SHALL BE 20 INCHES. ALL EXIT WINDOWS ARE 30:46 ARE HIGHER AND NOTED IN THE WINDOW TABLE. 36. SECTION R.3 I.2-R.3 I.6: THE FLOOR OR LANDING SHALL NOT BE MORE THAN I I/2" LOWER THAN THE TOP OF THE THRESHOLD. EACH LANDING SHALL NOT BE MORE THAN 4.5 INCHES. THE MIN. CLEAR WIDTH OF THE STARRWAY AT AND BELOW THE HANDRAIL HT. INCLUDING THREADS AND LANDINGS, SHALL NOT BE LESS THAN 3.1.5 INCHES WHERE HANDRAIL IS AND MIN. THREAD DEPTH IS 9 INCHES. SHERE HANDRAIL SO BOTH SIDES. MAX. RISER HT. IS 8 I/4" AND MIN. THREAD DEPTH IS 9 INCHES. THE GREATEST RISER HT. AND DEPTH SHALL NOT EXCEED THE SMALLEST BY 3.8 INCH. THE MIN. HEADROOM SHALL BE 68 IN ALL PARTS OF THE STARRWAY. HANDRAIL HT. SHALL NOT BE LESS THAN 34 INCHES NOR GREATER THAN 38 INCHES. DISTANCE BETWEEN SPINDLES OR RAILS SHALL BE NO GREATER THAN 4 INCHES. ALL SMOKE **CO DETECTORS SHALL BE INTERCONNECTED WITH BATTERY BACK-UPS. THEY ARE AS SHOWN ON THE
JOINTS SHALL BE PERMITTED WHEN REC. BY MANUF. # MADE WITH APP P2904.5-WATER SERVICE PIPE WATER DIST. PIPING SHALL CONFORM TO ONE OF THE STANDARDS IN PLASTIC PIPE SHALL NOT BE USED FOR WATER DISTRIBUTION PIPING. C PLASTIC PIPE IS PERMITTED TO BE USED FOR BOTH HOT AND COLD WATER DISTRIBUTION PIPING. OF PLASTIC PIPE IS PERMITTED TO BE USED FOR BOTH HOT AND COLD WATUBING SHALL HAVE A MIN. PRESSURE RATING OF A 100 PSI AT 180°F CONFORM TO NSF 61. P2904.6-WATER-DISTRIBUTION PIPE-TYPE K COPPER P2904.6-WATER-DISTRIBUTION PIPE-TYPE M, WROUGHT-COPPER AND BR P2904.9-UNITS # CONNECTIONS SHALL BE GAS AND WATER TIGHT. P2904.9-JOINTS SHALL BE MADE WITH APPROVED FITTINGS. SECTION 2905-CHANGES IN DIRECTION	ON PZ603- SUFFORM (LABLE PZ605.)) SEE SECTION 2906 THIS SHEET. SN PZ606- WATERPROOFING OF OPENING EXTERIOR WALL PENETRATIONS SHALL BE MADE WATER TIGHT. JOINTS AT THE ROOF PIPES, SHALL BE WATER TIGHT BY USE OF LEAD, COPPER OR GALVANIZED IRON FLAST PROVED ELASTOMERIC MATERIAL. COUNTERFLASHING SHALL NOT RESTRICT THE REQI AL CROSS-SECTIONAL AREA OF ANY VENT. OWERS AND TUB/SHOWER COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALV SURE BALANCE, THE THERMOSTATIC MIXING OR COMBINATION PRESSURE OCETHERMOSTATIC MIXING VALVES TYPE WITH HIGH UNITS STOPS IN ACCORDANCE VANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TABLE OF THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATURE TO A M TO SHALL BE SET TO LIMIT WATER TEMPERATU	WATER CLOSETS WALL For Si: 1 mch = 25.4 mm FIGURE R307.2 MINIMUM FIXTURE CLEARANCES 35. SECTION R309: VERTICAL SEPARATIONS SHALL BE A MIN. OF 5/8" TYPE X: INSTALLED ON THE GARAGE SIDE WITH 1/2" TYPE X: ON THE OPPOSITE SIDE. HORIZONTAL SEPARATIONS SHALL BE A MIN. OF 5/8" TYPE X: DUCT PENETRATIONS SHALL BE A MIN. OF 26 GAGE SHEEL WITH NO OPENINGS IN THE GARAGE. ALL PENETRATIONS SHOULD BE SEPARATED AS STATED ABOVE. FLOORS TO BE NON-COMBUSTIBLE MATERIAL AND SLOPED TO THE MAIN VEHICLE ENTRY DOOR.
WALER CLUSE! HALF BATH (WC / LAV) O.5 2.5 FULL BATH W/ TUB OR SHWR LO KITCHEN (DW, SK,) LAUNDRY (WSHR AND SINK) LAUNDRY (WSHR AND SINK) SECTION 2904-MATERIALS, JOINTS AND CONNECTIONS P2904.1-SOIL AND GROUNDWATER THE INSTALLATION OF WATER SERVICING PIPING, WATER DISTRIBUTION GASKETS SHALL BE PROHIBITED IN SOIL & GROUNDWATER THAT IS CON ORGANIC COMPOUNDS OR OTHER DETRIMENTAL MATERIALS THAT CAU OR STRUCTURAL FAILURE OF THE WATER SERVICE OR WATER DISTRIBUTION OR STRUCTURAL FAILURE OF THE WATER SERVICE OR WATER DISTRIBUTION P2904.3-POLYETHYLENE PLASTIC PIPING INSTALLATION P2904.3-POLYETHYLENE PLASTIC PIPING INSTALLATION POLYETHYLENE PLASTI	2. PLUMBING AND DRAINAGE SYSTEM SHALL BE TESTED AS PER CODE. 3. CHAPTER 26-PLUMBING AND DRAINAGE SYSTEM SHALL FOLLOW CHAPTER 26 AND SUB SECTION AS FOLLOWS: SECTION 2602- INDIVIDUAL WATER SUPPLY AND SEWAGE DISPOSAL I. INDIVIDUAL WATER SUPPLY SOURCES(PRIVATE WELLS) SHALL BE INSTALLED BY A WELL DRILLER REGISTERED WITH THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION IN ACCORDANCE WITH APPLICABLE DEPT. OF HEALTH & DEPT. OF ENV. CONSER. REGULATIONS. 2. INDIVIDUAL SEWAGE TREATMENT SYSTEMS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE PROVISIONS OF APPENDIX 75-AO, TITLED WASTEWATER TREATMENT STANDARDS - INDIVIDUAL HOUSEHOLD SYSTEMS. SECTION 2603- STRUCTURAL AND PIPING PROTECTION (SEE NOTCHING DETAIL THIS SHEET) IN THE PROCESS OF INSTALLING OR REPLACED SHALL BE LETT IN A SAFE STRUCTURAL CONDITION IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING PORTION OF THE NY. BC. SECTION PSECOS, SUPPLY TABLE PROCESS OF HISTALLATION OF THE WY. BC. SECTION PSECOS, SUPPLY TABLE PROCESS OF HISTALLATION OF THE WY. BC.	WATER CLEARANCE IN SHOWER OPENING SHOWER OPENING SHOWER CLEARANCE CLEARANCE WALL 15 MALL 15 MALL 15 MALL 15 MALL 15 MALL 15 MALL 21 IN. 21 IN. 21 IN. 21 IN. 21 IN. 21 IN.
b. Consumption tolerances shall be determined from referenced standard ALL WATER METERS, MAIN AND DISTRIBUTION PIPING SHALL COMPLY WITH TABLE 2903.7. HOSE BIBBS SHALL COMPLY WITH SECTION 2903.10. WATER-SUPPLY-UNITS FIXTURE VALUITY VALUE FIXTURE FIXTURE BATHTUB CLOTHES WASHER HOT COLD HOSE BIBB KITCHEN SINK 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	8. FIBERGLASS SILL PLATE INSULATION TO BE USED UNDER ALL SILL PLATES, WHETHER ON CRAWL SPACE, WALLS OR SLABS. 9. ALL WINDOWS SHALL BE CAPITOL OR EQUAL W INSULATED GLASS AND SNAP-IN SCREENS. 10. HEATING SYSTEM SHALL BE THE RESPONSIBILITY OF THE APPROVED PLANS PREVIOUSLY SUBMITTED. 11. EXTERIOR, JOINTS AROUND WINDOW AND DOOR FRAMES, UTILITY SERVICES AND OTHER SUCH OPENINGS IN THE BUILDING ENVELOPE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED OR OTHERWISE SEALED. CHAPTER 26 THRU 32 1. ALL PLUMBING SHALL MEET ALL REQUIREMENTS OF CHAPTER 27 "PLUMBING FIXTURES" OF THE NY.RBC, LATEST EDITION. PLUMBING FIXTURES, FAUCETS AND FIXTURE FITTINGS SHALL BE CONSTRUCTED OF APPROVED MATERIALS, SHALL HAVE SMOOTH IMPERVIOUS SUBPACES, SHALL BE FROM DEFECTS & CONCEALING FOULING SURFACES, & EXCEPT AS PERMITTED ELSEWHERE IN THE CODE, SHALL CONFORM TO THE STANDARDS SPECIFIED IN TABLE P2701.1. PLUMBING FIXTURES SHALL BE PROVIDED WITH AN ADEQUIATE SUPPLY OF POTABLE WATER TO FLUMBING FIXTURES IN A CLEAN & SANITARY CONDITION WITHOUT DANGER OF BACKFLOW OR CROSS CONNECTION.	32. SECTION R301, 2.3-R301, 7: ROOF LOAD=45 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD FIRST FLOOR=40 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD SECOND FLOOR=30 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD DECK LOAD=40 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD STARR LOAD=40 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD 33. SECTION R303-R305 SEE TABLE LOCATED ON PLANS. 34. SECTION R306-R307: SEE PLANS FOR LOCATION, SIZE AND TYPE OF FIXTURES IN BATHROOM AND KITCHEN. SEE DIAGRAM BELOW FOR MINIMUM SPACING. 11-4 IN WALL 11-4 IN WALL 2 IN-1-4 IN WALL 2 IN-1-4 IN WALL 4 IN SPACING. LAVATORIES LAVATORIES
Water closet, tank, one-piece For St. 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.885 RPa. TABLE P2903.2 MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURE AND FIXTURE FITTINGS PLUMBING FIXTURE OR FIXTURE FITTING OR FIXTURE OR FIXTURE FITTING OR FIXTURE FITTING OR FIXTURE OR FIXTURE FITTING OR FIXTURE OR	I. ALL EXTERIOR WALLS SHALL BE 6" FIBERGLASS BATT INSULATION WITH VAPOR BARRIER. INSULATION VALUE: R-19 OR BETTER. 2. ROOF SHALL HAVE 9" FIBERGLASS BATT INSULATION. INSULATION VALUE: R-30 OR BETTER. 3. CONCRETE SLAB SHALL HAVE 2" THICK X 2"- 0" WIDE RIGID FERIMETER INSULATION TO A DEPTH OF 4"- 0". INSULATION VALUE TO BE R-10 AND INSTALLED AS PER N.Y.S. ENERGY CONSERV. CODE. 4. VAPOR BARRIER TO BE ON HEATED OR LIVING SIDE IN FLOORS, WALLS AND CEILINGS (WHERE APPLICABLE). 5. ROOF OVERHANGS SHALL BE VENTED AND OPENINGS SCREENED FROM INSIDE. 6. INSULATION @ JUNCTIONS OF WALLS AND ROOF SHALL BE INSTALLED IN SUCH A MANNER AS TO PERMIT VENTING ABOVE INSULATION.	27. THE ELECTRICAL SERVICE SHALL BE 200 AMPS. ALL SMOKE DETECTORS WILL BE INTERCONNECTED. AN ELECTRICAL LEGEND HAS BEEN PROVIDED FOR YOUR USE. 28. VENTING OF BATHROOMS SHALL BE PROVIDED WITH EITHER A WINDOW OR FAN IF NO WINDOW IS PROVIDED. THE BATHROOM SHALL BE PROVIDED WITH EITHER A WINDOW OR FAN IF NO WINDOW IS DUCT. THE RANGE HOOD WOULD BE CONNECTED WITH GALVANIZED DUCT TO THE OUTSIDE. ALL CONNECTION WILL BE TERMINATED WITH THE PROPER DEVICE AND WEATHER BAFTLES PROVIDED 29. THE NET BTU FOR THE FURNACE IS 150,000 BTU AND THE AFUE IS 81.9% WHICH WOULD MEET SECTION 503.2. 30. THE PLANS WERE DRAWN IN CONFORMANCE WITH THE PROVISIONS OF THE NY. RESIDENTIAL CODE TO INCLUDE THE CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA PROVIDED BY THE VILLAGE OF NEW HEMPSTEAD AS SET FORTH IN TABLE R301.2(1) AND THE PROVISIONS OF THE NY. ENERGY CODE.
TABLE P2003.1 FLOW	10. SECTION 1401.4: SOIL BEARING CAPACITY - 2.5 TSF. 10. SECTION 1403. FOR SIZE OF FOOTING FORMS, DEPTH, WIDTH, REINFORCEMENT, STEP-DOWNS, PLACEMENT ON SLOPES OR ADJACENT TO, PENETRATIONS UNDER OR THROUGH THE FOOTING & KEYWAY'S ARE NOTED ON THE FOUNDATION PLAN, ELEVATIONS & SECTION DETAIL. ALL CONCRETE TO BE A MIN. OF 3,500 PSI @ 28 DAYS. 12. FORMS MUST REMAIN ON THE CONCRETE FOR A MIN. OF 24 HOURS, DURING FREEZING CONDITIONS BLANKETS SHALL BE PLACED ON THE CONCRETE. BACKFILL SHALL NOT BE PLACED AGAINST THE WALL UNTIL THE WALL HAS SUFFICIENT STRENGTH & HAS BEEN ANCHORED TO THE FLOOR ABOVE, OR HAS BEEN SUFFICIENTLY BRACED TO PREVENT DAMAGE BY THE BACKFILL. 13. DRAINAGE CAN NOT BE DISCHARGED TO EDGE OF PROPERTY, NOR UNTO A SIDEWALK OR STREET. IF THE GRADE PREVENTS DRAINAGE TO DAYLIGHT THEN THE DESIGN PROFESSIONAL SHALL DESIGN A SUMP PUMP PIT. 14. ALL PENETRATIONS SHALL BE EITHER CORE DRILLED OR CAST IN PLACE WITH PVC PIPE. THEY SHALL BE SEALED WITH APPROPRIATE MATERIAL ONCE COMPLETE. SEALED WITH APPROPRIATE MATERIAL ONCE COMPLETE. ENERGY CONSERVATION IN THE FOOTINGS SHALL BE A MAX. OF 24 INCHES VERTICALLY.	21. ALL EXTERIOR DECKING AND POSTS SHALL BE PRESSURE TREATED. 22. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO COMMENCING WORK. 23. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE DESIGN AND / OR SELECTION OF FASTENING HARDWARE AND / OR TECHNIQUES ALL NEW CONSTRUCTION SHOULD BE FASTENED IN ACCORDANCE WITH APPLICABLE STANDARDS. 24. ONLY PLANS BEARING AN ORIGINAL LICENSED PROFESSIONAL ENGINEERS SEAL SHALL BE CONSIDERED TO BE VALID TRUE COPIES. 25. GARAGE SEPARATION WILL BE 5/8 X SHEETROCK ON WALLS AND CEILING AND 1/2 X SHEETROCK ON THE LIVING AREA WALL. IT SHALL BE INSTALLED TO THE ROOF DECK OF THE GARAGE. 26. THE CONTRACTOR SHALL USE CP25WB FREEROOF CALUKING FOR ALL PIES AND DUCT FENETRATIONS THROUGH THE FLOOR AS MANUFACTURED BY 3M CORP. OR AFPROVED EQUAL. ALL VENTS SHALL BE 3 NOCHES IN DIAMETER. A CLEANOUT SHALL BE PROVIDED JUST BEFORE THE SEWER LINE LEAVES THE DWELLING AND ONE APPROXIMATELY 10 FEET OUTSIDE THE DWELLING. A DOUBLE HAND HOLE HOUSE TRAP WITH FRESH INSTALLED.
P2902.2.BACKFLOW PREVENTER A MEANS OF PROTECTION AGAINST BACKFLOW SHALL BE PROVIDED I P2902.2.1 THROUGH P2902.2.6. P2902.3.PROTECTION OF POTABLE WATER OUTLETS ALL POTABLE WATER OPENINGS & OUTLETS SHALL BE PROTECTED BY, VACUUM BREAKER, PRESSURE TYPE VACUUM BREAKER OR HOSE COI PREVIENCOR. P2902.4-PROTECTION OF POTABLE WATER CONNECTIONS ALL CONNECTIONS TO THE POTABLE WATE SHALL CONFORM TO SECT P2902.4-5. SECTION 2903.WATER SUPPLY SYSTEM 9. SECTION 2903.WATER SUPPLY SYSTEM 9. SECTION 2903.WATER SUPPLY SHALL BE 3/4" K COPPER PIPE.	FOUNDATION NOTES: 1. ALL CONCRETE SHALL BE MIN 3,500 P.S.I. @ 28 DAYS. 2. CONCRETE SHALL BE MIN 3,500 P.S.I. @ 28 DAYS. 2. CONCRETE SLUMP SHALL BE BETWEEN 3" TO 5". 3. SECTION R403.1. 4. SLE CONTINGS TO BE MIN, 4-0" BELOW GRADE ON LEVEL UNDISTURBED SOIL FOOTINGS SHALL NOT BE PLACED ON FROZEN GROUND, ALL CONDITIONS ENCOUNTERED CONCERNING THESE MATTERS TO INCLUDE SOIL BEARING CAPACITY, MUD, WATER SHALL BE REFERRED TO THE DESIGN PROFESSIONAL. REINF. BARS SHALL BE DEFORMED BILLET STEEL NOT LESS THAN 0,0000 P.S.I. 5. ALL SPLICES OF WELDED WHEE FABRIC SHALL BE LAPPED LESS THAN 30 BAR DIAMETERS. 6. ALL SPLICES OF WELDED WHEE FABRIC SHALL BE LAPPED BY (2) SPACING OF CROSS WIRE. 7. ALL WLF. SHALL CONFORM TO THE LATEST A.S.T.M. SPECIFICATIONS FOR WELDED WIRE FABRIC. 8. ALL REINF. STEEL SHALL HAVE A MINIMUM CONCRETE COVERING OF 3". 9. PROVIDE 3/4 DIA, ANCHOR BLOTS 18" LONG W 2" HOOK AT 8-0" O.C. AND 1"-0" FROM EACH CORNER, TYPICAL ALL EXTERIOR SILL PLATES.	16. WINDOWS FOR EMERGENCY EIGHESS SHALL HAVE A MINIMOM AFEA OF 5.7 FEET, WITH A MINIMOM DIMERSION OF 20°W X 24" H. WITH BOTTOM OF OPENING NO HIGHER THAN 44" NIOHES ABOVE FINISHED FLOOR IN ALL ABOVE-GRADE STORIES, AND NO HIGHER THAN 4 FEET 6 INCHES WHERE REQUIRED IN BASEMENT AND CELLAR. 17. ALL SECTIONS OF FINISHED MATERIALS, STAINS, COLORS, ETC. TO BE BY OWNER UNLESS NOTED OTHERWISE. 18. SMOKE-DETECTORS SHALL BE HARDWIRED AND PROVIDED OUTSIDE EACH SEPARATE SLEEPING AREA, IN EACH SLEEPING SPACE AND ON EACH FLOOR LEVEL AND IN SERIES. 19. ENGINEERING DESIGN FIRM HAS NOT BEEN RETAINED FOR CONSTRUCTION INSPECTION SERVICES OR FOR APPROVAL OF SHOP DEHAWINGS. ENGINEERING DESIGN FIRM IS ONLY RESPONSIBLE FOR THESE WORKING DRAWINGS AND THEM RELATED SPECIFICATIONS. 20. ENGINEERING DESIGN FIRM ASSUMES NO RESPONSIBILITY FOR ANY EXISTING STRUCTURE OR ANY UNFORESELY PROBLEMS PRIOR TO NEW CONSTRUCTION. ENGINEERING DESIGN FIRM ASSUMES NO BESIGN FIRM ASSUMES NO RESPONSIBILITY FOR ANY EXISTING STRUCTURE OR ANY ENGINEERING DESIGN FIRM ASSUMES NO BESIGN FIRM
8. CHAPTER 29 WATER SUPPLY AND DISTRIBUTION SECTION 290 I-GENERAL DWELLING UNITS SHALL BE PROVIDED WITH A SUPPLY OF POTABLE WATE PRESSURES SPECIFIED IN THIS CHAPTER. IN A BUILDING WHERE BOTH A WATER DISTRIBUTION SYSTEM ARE INSTALLED, EACH SYSTEM SHALL BE MARKING, METAL TAG OR OTHER APPROPRIATE METHOD. ANY NONPOTA INADVERTENTLY BE USED FOR DRINKING OR DOMESTIC PURPOSES SHA SECTION 2902-PROTECTION OF PORTABLE WATER SUPPLY A SYSTEM SHALL BE DESIGNED IN SUCH A WAY TO PREVENT CONTAMIN	O'AUDINIOS INTOVIDE CAUDINIS AROUND ALL DOORS, WINDOWS AND O'THER OPENING IN EXTERIOR WALLS. SLAB EDGE INSULATION:MIN. DEPTH BELOW GRADE SHALL BE 48". HVAC AND SERVICE WATER EQUIPMENT:ALL HVAC AND SERVICE WATER EQUIPMENT SHALL COMPLY WITH EFFICIENCY RATING REQUIRED BY NY.EC. THE FURNACE & BOILER SHALL HAVE AN AFUE OF 78 \$ 80 OR HIGHER, RESPECTIVELY. SKYLIGHTS: SHALL HAVE R VALUE AS SHOWN FOR GLAZING AND SHALL BE NO MORE THAN 1% OF ROOF AREA. PIPING INSULATION:HEATING SYSTEM PIPING SHALL BE A MIN. THICKNESS OF 1.5 AS PER SECTION N I 103. COOLING SYSTEM PIPING SHALL BE A MIN. THICKNESS OF 1.25 AS PER SECTION N I 103. WINDOWS:ALL WINDOWS TO BE LOW *E' GLASS & HAVE A U=0.35	10. EXTERIOR SIDING SHALL BE (SELECTED BY OWNER). 11. EXTERIOR SIDING SHALL BE (SELECTED BY OWNER). 12. ALL INTERIOR WALLS TO BE 4" STUDS WITH THICK GYPSUM WALL BOARD - UNLESS NOTED OTHERWISE. 13. ALL WET WALLS SHALL BE WATER RESISTANT GYPSUM BOARD. 14. PROVIDE 5/8" TYPE "X" GYPSUM WALL BOARD WHERE INDICATED FOR FIRE RATING. 15. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. THE TOWN SHALL ASSIGN AN INSPECTION AGENCY.
GAP INTO AN INDRECT WASTE RECEPTOR LOCATED WITHIN A HEATED SET AND AN INDRECT WASTE REPORT LOCATED WITHIN A HEATED SET BE INSTALLED IN A MANNER THAT DOES NOT CAUSE PERSONAL INJURY (IS READILY OBSERVABLE BY THE BUILDING OCCUPANTS. THE DISCHARGI IS READILY OBSERVABLE BY THE BUILDING OCCUPANTS. THE DISCHARGE PIPE SHALL BE INSTALLED OF THE RELIEF VALVE OUTLET. THE DISCHARGE PIPE SHALL NOT OF THE RELIEF VALVE OUTLET. THE DISCHARGE PIPE SHALL NOT BE THREADED & SUCH DISCHARGE PIPE SHALL DISCHARGE PIPE SHALL NOT BE THREADED & SUCH DISCHARGE PIPE SHALL	SLAB EDGE INSULATION GLAZING U=0.35 DOUBLE GLAZED R=1.8 INFLITRATION: MANUFACTURER MINDOWS ANDERSEN ANDERSEN ANDERSEN O.4 CFMLF. SLIDING GLASS DOOR ANDERSEN O.5 CFMLF FIREPLACE:PROVIDE CLOSABLE COMBUSTIBLE AIR INTAKE AND CALLEMOR, EDGLAGS DOORS OVER OPENINGS CALLEMOR, EDGLAGS OVER	6. CONTRACTOR SHALL PREPARE ALL SURFACES AND INSTALL ALL MATERIAL AS PER MANUFACTURERS RECOMMENDATIONS. 7. ALL LUMBER USED IS TO BE GOOD QUALITY AND FREE OF SPLITS, CHECKS OR WARPING. ALL FRAMING MEMBERS TO BE SPRUCE #2 OR BETTER. F= 865 TO 950 P.S.I. MINIMUM AS PER NORTHEASTERN LUMBER MANUFACTURERS ASSOCIATION. 8. ALL HEADERS TO BE BUILT OF 2 - 2X10 MEMBERS, UNLESS NOTED OTHERWISE 9. EXTERIOR WALLS TO BE 6" STUDS.

O ONE OF THE STANDARDS IN TABLE 2904.5. ABS, PVC, PE-AL-PE OR PEWATER DISTRIBUTION PIPING. CPVC, CROSSLINKED PEX OR PEX-AL-PEX FOR BOTH HOT AND COLD WATER. ALL HOT WATER DISTRIBUTION PIPE & RATING OF A 100 PSI AT 180°F. WATER DISTRIBUTION PIPING SHALL

XTION GA CUTTER DESIGNED FOR PLASTIC PIPE. SHARP EDGES SHALL BE HIN 10 PIPE DIAMETERS OF ANY FITTINGS OR VALVES. FLARED UF. \$ MADE WITH APPROPRIATE TOOL.

A SUPPLY AND RETURN PIPING. ALL BOILERS SHALL BE EQUIPPED WITH TEMP. AND PRESSURE PROVIDED.

TION M2005 AND BE INSTALLED AS PER MANUFACTURES LL PROVIDE ALL CONTROL DIAGRAM.

APTER 21. APPROVED PIPING, VALVES, FITTING AND APTER 21. APPROVED PIPING, VALVES, FITTING AND ANDFACTURES INSTALLER

SIZE OF TRAPS AND TRAP ARMS FOR PLUMBING FIXTURES	LUMBING FIXTURES
PLUMBING FIXTURE	MIN. TRAP SIZE
ATHTUB W/O SHWR HEAD, OR WHIRLPOOL ATTACH.	1 1/2"
DISHWASHER (ON SEPARATE TRAP)	1 1/2"
WASHER	2"
LAVATORY	1 1/2"
SHOWER	2=
LAUNDRY TUB (1 OR MORE COMPARTMENT)	1 1/2"

	RMS FOR PLUMBING FIXTURES" BELOW.	ONTS SHALLED TO BE USED ON THE	ALL NOT BE LESS THAN NO. 20 GAGE OF THE STATE OF THE STA	IN DE LEAD CAST IRON CAST OR DRAWN	E SMOOTH UNIFORM INTERNAL	N P3201 OF THE NY.RBC.
FRAMING WITHIN MINIMUM 48-INCH DISTANCE FROM GABLE END WALLS, IF MEAN ROOF HEIGHT IS MORE THAN 25 FEET, UP TO 35 FEET MAXIMUM.	E SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE R602.3(1).	D. FOUR-FOOT-BY-8-FOOT OR 4-FOOT-BY-9-FOOT PANELS SHALL BE APPLIED VERTICALLY.	B. STAPLES ARE 16 GAGE WIRE AND HAVE A MINIMUM X ₆ -INCH ON DIAMETER CROWN WIDTH. C. NAILS SHALL BE SPACED AT NOT MORE THAN 6 INCHES ON CENTER AT ALL SUPPORTS WHERE SPANS ARE 48 INCHES OR GREATER.	0.142" BUT NOT LARGER THAN 0.177", AND 100 KSI (689 MPA) FOR SHANK DIAMETERS OF 0.142" OR LESS.	AVERAGE BENDING YIELD STRENGTHS AS FOLLOWS: 80 KSI (551 MPA) FOR SHANK DIAMETER OF 0.192" (20D COMMON NAIL), 90 KSI (620 MPA) FOR SHANK DIAMETERS LARGER THAN	A ALL NAILS ARE SMOOTH-COMMON, BOX OR DEFORMED SHANKS EXCEPT WHERE OTHERWISE STATED. NAILS LISED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE MININ

BOOE SHEATHING BANEL EDGES ADDLIES TO DANEL EDGES SLIDDORTED BY EBAMING MEMBERS AND AT ALL BOOE DLANE DERIMETERS. BLOCKING OF BOOE OR ELOOP
SPACING OF FASTENERS ON FLOOR SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND AT ALL FLOOR PERIMETERS ONLY.
GYPSUM SHEATHING SHALL CONFORM TO ASTM C 79 AND SHALL BE INSTALLED IN ACCORDANCE WITH GA 253. FIBERBOARD SHEATHING SHALL CONFORM TO ASTM C :
MINIMUM 48-INCH DISTANCE FROM RIDGES, EAVES AND GABLE END WALLS; AND 4 INCHES ON CENTER TO GABLE END WALL FRAMING.
ON CENTER. WHEN BASIC WIND SPEED IS GREATER THAN 100 MPH, NAILS FOR ATTACHING PANEL ROOF SHEATHING TO INTERMEDIATE SUPPORTS SHALL BE SPACED 6
. FOR REGIONS HAVING BASIC WIND SPEED OF 100 MPH OR LESS, NAILS FOR ATTACHING WOOD STRUCTURAL PANEL ROOF SHEATHING TO GABLE END WALL FRAMING
FRAMING WITHIN MINIMUM 48-INCH DISTANCE FROM GABLE END WALLS, IF MEAN ROOF HEIGHT IS MORE THAN 25 FEET, UP TO 35 FEET MAXIMUM.
FOR REGIONS HAVING BASIC WIND SPEED OF 110 MPH OR GREATER, 8D DEFORMED NAILS SHALL BE USED FOR ATTACHING PLYWOOD AND WOOD STRUCTURAL PANEL
SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE R602.3(1).
FOUR-FOOT-BY-8-FOOT OR 4-FOOT-BY-9-FOOT PANELS SHALL BE APPLIED VERTICALLY.

SNOW	GROUND			
7	WIND			
DESIGN	SFISMIC		CLIMATI	
FROST LINE	SUBJECT TO DAMAGE FROM	TABLE 301.2(1)	CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA	
	AGE FROM	1)	IGN CRITERIA	
DESIGN	WINTER			
MENT	ICE SHIELD			

TAOL GDANG	N O	24" I.W.	5,	S TO M	MOD. TO HEAV. S TO M	
7>26	FLOOD HAZARD	MENT REQUIRED	DESIGN TEMP	DECAY	TERMITE	HINE
b		ICE SHIELD	MINITED	M	JBJECT TO DAMAGE FRON	JBJEC
AN UNAUTHORI FEDERAL COPYE					TABLE 301.2(1)	TAI
USE OF UNSEALS ANY COURT, FIN				RITERIA	APHIC DESIGN CRITERIA	APH
CERTIFICATIONS ADDITIONAL INS						

N O	FLOOD HAZARD					G OF FASTENERS ON HING PANEL EDGES PORTED BY FRAMING
	DATE OF TAXABLE PARTY O	AN UNAUTHORIZED USTRAND VIOLATION OF FEDERAL COPYBICATI LANGUE OF TEDERAL COPYBICATI LANGUE OF TEDERAL COPYBICATI LANGUE OF TEDERAL COPYBICATI LANGUE OF TEDERAL COPYBICATION	UST OF UNSTALTED COPYRIGHT SOCUMENT IN ANY COURT, FINANCIAL OR LAND FRANSACTION, OR FILING WITH ANY RUBLIC BETNOW, OF OFFICE IS	CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTION OF DATE OF SECULENT OWNERS.	MAP NOT HAVING THE SEAL OF THE SURVEYOR OR ENGINEER SHALL NOT BE VALID.	

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LOCATED IN THE VILLAGE OF UPPER NYACK TOWN OF CLARKSTOWN ROCKLAND COUNTY, NEW YORK

16	12	CEILING JOIST SPACING
Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir Hem-fir Hem-fir Southern pine	Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir Hem-fir Hem-fir Southern pine fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	DEAD LOAD = 5 2X4 2X6 2X4 Maximum ceiling jois SPECIES AND GRADE (feet-inches) (feet-inches)
**************************************	***************************************	GRADE
956655655555555555555555555555555555555	13.2 12.5 12.5 12.5 12.5 12.5 10.10 10.10 11.10 11.10 11.10 11.10	2X4 Max (feet-inches)
18-9 18-1 17-8 17-8 17-4 17-8 18-5 18-5 18-5 17-8 17-8 17-8 17-8 17-8 17-8 17-8 17-8	20-8 19-11 19-11 19-10 19-10 19-10 19-11 19-11 19-11 19-11 19-11 19-11 19-11 19-11 19-11 19-11 19-11	DEAD LOAD = 5 psf 2X6 Maximum ceiling joist spans s) (feet-inches) (fee
24-8 23-10 23-10 23-10 17-5 22-10 22-10 21-9 17-5 24-3 24-3 24-3 24-3 24-4 18-9 12-4 17-5 22-4 17-5	Note s Note s 25-8 25-8 25-8 25-9 20-1 20-1 Note s Note s 25-9 24-7 24-7 24-7 24-7 24-7 24-7 24-7 24-7	2X8 2X8 spans (feet-inches)
Note a No	Note a No	2X10 (feet-inches

ő	12	CEILING JOIST SPACING (inches)
Douglas ifr-larch Douglas ifr-larch Pouglas ifr-larch Bouglas ifr-l	Douglas ifr-larch #1 Douglas ifr-larch #1 Douglas ifr-larch #3 Douglas ifr-larch #3 Hem-fir #1 Hem-fir #1 Hem-fir #2 Hem-fir #2 Southern pine \$5 Southern pine #2 Southern pine #2 Southern pine #3 Spruce-pine-fir #2 Spruce-pine-fir #3 Spruce-pine-fir #3	DEAD LOAD = 5 276
20000000000000000000000000000000000000	13-2 12-8 12-8 12-9 10-10 10-10 11-7 11-7 11-7 11-10 11-10 11-10 11-10 11-10	2X4 Ma) (feet-inches)
18.9 17.8 17.8 17.8 17.4 17.4 18.1 18.1 17.4 17.4 17.4 17.4 17.4 17.4 17.4 17	20.8 19-11 19-6 19-6 19-1 19-1 19-1 19-1 19-	DEAD LOAD = 5 psf 2X6 Maximum ceiling joist spans s) (feet-inches) (fee
248 23-10 23-10 23-10 23-10 21-10 21-10 24-3 24-3 24-3 24-10 24-3 24-10	Note 9 Note 25-8 25-8 25-8 25-8 25-8 26-9 20-1 20-1 Note 9 Note 9	psf 2X8 t spans (feet-inches)
Note a No	Note a No	2X10 (feet-inches)

SPECIFICATIONS

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NOTES

FOR 606 PALMER LANE TAX LOT 60.05-2-34

where: H _C = Hel	on the bearing v multiplied by the	Check sources for For St. 1 Inch = 25 a. The tabulated ra		24			19.2				16				12				RAFTER
2/3 or greater 1/2 1/2 1/3 1/4 1/5 1/5 1/6 1/5 and less 1/7.5 and less 1/7.5 and less	on the bearing walls, such as rafter ties, is provided at that location. When celling joists or rafter lies are located higher in the attic space, the rafter spans shall be multiplied by the factors given below: HoHA Rafter Span Adjustment Factor	Check sources for availability of lumber in lengths greater than 20 teet. For St. 1 Inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kN/m a. The labulated rather spams assume that celling joists are located at the bottom of ti		Hem-fir Hem-fir Hem-fir Hem-fir Southern pine	Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir	Southern pine Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	Hem-fir Southern pine Southern pine Southern pine	Douglas III-larch Douglas fir-larch Douglas fir-larch Hem-fir Hem-fir Hem-fir	Spruce-pine-fir Douglas fir-larch	Southern pine Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	Hem-fir Southern pine Southern pine Southern pine	Douglas IIr-larch Douglas fir-larch Hem-fir Hem-fir	Douglas fir-larch Douglas fir-larch	Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	Southern pine Southern pine Southern pine Southern pine Southern pine	Hem-fir Hem-fir	Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir	SPECIES AND G	
er tles mea	provided a	ngths great	### S##	# S # # # 8	833333S	### #S	##S#	## S # # #	SS #3	##S#	##8##	\$ # S # #	#1 SS	### SS	### SS	悲悲悲	SS # # # SS	GRADE	
sured vertic	at that locat	er than 20 to ber square for are located	0 4 8 0 0 4 5 0 4 8 0 0 4	7 6 4 5 5 6 6 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	5-10 5-10 5-10	4-11 6-1 5-11 5-11 4-7	6-5 6-2	5-1-2-4 5-1-2-4	5-0 6-7	5 6 4 4 4 4 4 4	6-9 6-7	9 5 7 0 V	7-0 6-9	7-1 6-11 6-11 5-10	6.23 5 6 5	5 6 9 5 10	7-8 7-5 7-3 5-10	inches)	(5x4
2/3 or greater 1/2 1/3 1/4 1/5 1/6 1/6 1/5 and less ally above the	lon. When ce	et. oot = 0.0479 at the bottor	8-10 8-10 7-11 6-0	9-5 9-5 9-5	9-7 8-6 6-0	7-3 9-6 8-11 8-11 6-9	6-9 10-2 9-11 9-4	89999 110	7.4	7-11 10-2 9-9 9-9	7-4 10-9 10-7	7-4 10-4 10-2	11-0 10-5	10 11 2 10 11 8-6	11-10 11-7 11-5 9-2	11-2 10-8 8-6	12-1 11-7 11-3 8-6	inches)	2X6
e top of the	illing joists or	kN/m.	10-9 8-3 11-8 10-1 10-1 7-7	10-6 9-11 7-7	12-7 10-9 10-1 7-7	9-2 12-7 11-3 11-3 8-6	8-6 13-4 13-1 12-0	11-3 8-6 12-10 11-9 11-1	9-4	10-1 13-4 12-4	9-4 14-2 13-11	12-4 9-4 13-8 12-10	14-5 13-2	14-8 14-3 14-3 10-9	15-7 15-4 11-8	14-8 14-0	15-11 15-3 14-3 10-9	inches)	(foot
er support	or rafter ties a Rafter Span /	space or tha	12-10 9-9 14-8 12-4 12-4 9-4	12-10 12-1 12-1 9-4 15-10	15-10 13-2 12-4 9-4	10-10 16-0 13-9 13-9 10-5	10-5 17-0 16-0 14-4	13-9 10-5 14-4 13-7	11-5 17-4	11-11 17-0 15-1 15-1	11-5 18-1 17-6	11-5 17-5 15-8	18-5 16-1	18-9 17-5 17-5 13-2	19-11 19-7 18-2 13-9	18-1 17-2	20-3 18-7 17-5 13-2	inches)	1 2X10
0.50 0.58 0.67 0.76 0.83 0.90 1.00	are located higher i Adjustment Factor	t some other	15-1 11-7 17-1 14-3 14-3	14-10 14-1 10-9 19-3	15-3 10-9 10-9	12-11 19-1 15-11 15-11 15-11	12-1 20-9 19-1 16-10	15-11 12-1 19-11 16-7 15-9	13-2 20-6	14-2 20-9 17-6 17-6	13-2 22-0 18-5	13-2 18-2 18-2	22-5 18-8	22-10 20-2 20-2 15-3	24-3 23-9 21-3 16-4	21 0 19 11	24-8 21-7 20-2 15-3 23-4	inches)	
	ther In the att	method of re	5-0 5-0 5-0 5-0	5 6 0 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5-5 5-0 3-10	4-6 6-1 5-7 5-7 4-3	6664 644 644	5-7 6-2 5-7 5-7	4-8 6-7	6-5 6-2 6-2	6-10 6-9 6-7	0 0 4 5 0 0 4 6 0 5 7 8 6	7-0 6-7	7-1 6-11 5-5	57756 59356	5 6 9 5 9 1	7-5 7-5 7-5 7-8	inches)	rafter spans
	lc space, the	sisting the o	7-9 6-0 8-10 7-4 5-7	5-7-8 9-5-7	9-6 7-10 5-7 9-1	5 8 8 9 5 6 6 6	6-3 10-2 9-11 8-8	8-7-7-9-3-3-5-3-5-3-5-3-5-3-5-3-5-3-5-3-5-3-5	6-10	7-4 10-2 9-0 9-0	6-10 10-9 10-7 9-5	6-10 6-10 9-5	11-0 9-8	11-2 10-5 10-5 7-10	11-10 11-7 11-7 10-11 8-5	10-10 10-3 7-10	12-1 11-2 10-5 7-10	inches)	ns a
	rafter spans	tward push	10-0 7-7 11-2 9-4 9-4 7-1	9-9 12-5 11-5	12-0 10-0 9-4 7-1	8-6 12-5 10-5 10-5 7-11	7-11 13-4 12-5 11-2	10-5 7-11 12-10 10-10	13-5	9-4 11-5 11-5	14-2 12-8	11.11.11.11.11.11.11.11.11.11.11.11.11.	14-5 12-2	14-8 13-2 10-0	15-7 15-4 14-1	1349	15-11 14-1 13-2 10-0 15-0	inches)	//CZX
	shall be	of the rafters	11-11 9-0 13-7 11-5 11-5 8-7	11-10 11-3 8-7 15-10	14-8 12-2 11-5 8-7	10-1 15-3 12-9 12-9 12-9 9-7	9-7 17-0 14-10 13-4	12-9 9-7 16-1 13-3 12-7	10-6	11-0 16-8 13-11	10-6 18-1 16-2	13-11 10-6 17-5 14-6	17-11 14-11	18-9 16-1 16-1 12-2	19-11 18-9 16-10 12-9	16-9 15-10	20-3 17-3 16-1 12-2 19-2	inches)	2X10
			13-11 10-8 15-9 13-2 13-2 10-0	7900	17-0 14-1 13-2 10-0	12-0 17-8 14-9 14-9 11-2	11-2 20-9 17-8 15-7	14-9 11-2 18-8 14-7	12-3	13-1 19-4 16-2	12-3 12-3 19-4 17-1	12-3 12-3 16-16	20-10	18-8 18-8 14-1	24-3 22-4 19-9 15-2	185	24-0 20-0 18-8 14-1 23-4	inches)	(foot

| Subding width | Span | NJd | NJd | Span | NJd | NJd

	WEATHE	R-RESISTANT	WEATHER-RESISTANT SIDING ATTACHMENT AND MINIMUM THICKNESS TYPE OF SUPPORTS FOR THE SIDING N	ATTACHMENT AN	D MINIMUM TI	TYPE OF SUPPORTS FOR THE SIDING MATERIAL AND FASTENERS 5.0.0	A UNA INIAA	STENERS b.c.d
				Wood or wood		0000	i i	- 6
SIDING MATERIAL	THICKNESS ^a (inches)	JOINT TREATMENT	PAPER REQUIRED	structural panel sheathIng	sheathIng Into stud	sheathing Into stud	Direct to studs	spacing of fasteners
Withou		Lap	No	0.120 nail 1½" long	0.120 nail 2" long	0.120 na 2" long	Not a ll owed	
Horizontal insulation aluminum ^e	on 0.024	Lap	No	0.120 nail 1½" long	0.120 nail 2" long	0.120 na	Not allowed	Same as stud spacing
With	0.019	Lap	No	0.120 nail 1½" long	0.120 nail 2½" long	0.120 nail 2½" long	0.120 nail 1½" long	
Brick veneer Concrete masonry veneer	NN	Section R703	Yes (m)		See Section I	See Section R703 and Figure R703.7	, R703.7 h	
Hardboard Panel siding-vertical	$\chi_{_6}$	Note g	Note g	Note o	Note o	Note o	Note o	6" panel edges 12" Inter sup. ^p
Hardboard ^I Siding vertical Lap-siding-hortzontal	Z ₆	Note g Note r	Note g Note r	Note q	Note q	Note q	Note q	Same as stud spacing 2 per bearing
Steel i	29 ga.	Lap	No	0.113 nall 1%" Staple-1%"	0.113 nall 23/4" Staple-2½"	0.113 nall 2½" Staple-2¼"	Not allowed	Same as stud spacing
Stone veneer	2	Section R703	Yes		See Section F	See Section R703 and Figure R703.7	R703.7	
Particleboard panels	%%	Note g	Note g	6d box na	6d box nall	6d box nall	6d box nall, % not allowed	6" panel edges 12" Inter
	%	Note g	Note g	6d box nall	8d box nall	8d box nall	6d box nall	sup.
Plywood panel 1 (exterior grade)	%	Note g	Note g	0.099 na ll -2"	0.113 nail-2½"	0.099 nall+2"	0.099 nall-2"	6" on edges
Vinyl Siding ⁿ	0.035	Lap	No	0.120 nall 1½" Staple-1¾"	0.120 nall 2" Staple-2½"	0.120 nall 2" Staple-2½"	Not allowed	Same as stud spacIng
Wood Rustic, drop	% Min	Lap	No					Face nailing up to 6"
Shlplap	1% ₂ Average	_	Z	Factoria	Eastener penetration into stud-1"	stick1"	0.113	widths, 1 nall per
Bevel	χ_6	- safe	i			-	Staple-2"	widths and
Butt tip	%	Lap	No					per bearing
For SI: 1 Inch = 25.4 mm A. BASED ON STUD SPAC B. NAIL IS A GENERAL DE C. STAPLES SHALL HAVE D. NAILS OR STAPLES SH A. LALUMINUM (0.019 INC)	FOR SI: 1 INCH = 25.4 mm. A BASED DA STILD SPACKING OF 16 INCHES ON CENTER, WHERE STILDS ARE SPACED 24 INCHES, SIDING SHALL BE APPLIED TO SHEATHING APPROVED FOR THAT SPACING. B. NALL IS A CENTERAL DESCRIPTION AND SHALL BE THEAD, MODIFED ROUND HEAD OR ROUND HEAD WITH SMOOTH OR DEFORMED SHANKS. B. YALL IS A CENTER SHALL BE ALMINIUM, CROWN WIDTH OF XANDON OUTSIDE DIAMETER AND BE MAUFACTURED OF MINIMUM, NO, 16 GAGE WIRE. D. NALLS OR STAPELS SHALL HAVE A MINIMUM, CROWN WIDTH OF XANDON OUTSIDE DIAMETER AND BE MAUFACTURED OF MINIMUM, NO, 16 GAGE WIRE. D. NALLS OR STAPELS SHALL BE ALMINIUM, CAPOWN WIDTH OF XANDON OUTSIDE DIAMETER AND BE MAUFACTURED OF MINIMUM, NO, 16 GAGE WIRE. D. NALLS OR STAPELS SHALL BE ALMINIUM, CAPOWN WIDTH OF XANDON OF HIGH FOR THE STUDY OF HEERBOARD OR GYPSUM BACKING. E. ALMININUM (0.019 INCH) SHALL BE UNBACKED ONLY WHEN THE MAXIMUM PANEL WIDTH IS 10 INCHES AND THE MAXIMUM FLAT AREA IS 8 INCHES. THE TOLERANCE FOR	N CENTER. WHE LLE BE THEAD, A MIDTH OF 76-INI SALVANIZED, OR BOOLLY WHEN	RE STUDS ARE: MODIFIED ROUNI CH OUTSIDE DIA: RUST-PREVENT	SPACED 24 INCH D HEAD OR ROU METER AND BE IVE COATED AN	HES, SIDING SHAIND HEAD WITH MANUFACTURE OF SHALL BE DE TO INCHES AND	ALL BE APPLIED SMOOTH OR DE SIVEN IN TO THE SIVEN IN TO THE	TO SHEATHING FORMED SHANN NO. 16 GAGE WI STUDS FOR FIE FLAT AREA IS 8	APPROVED FOR (S. RE. ERBOARD OR G
ALLMINUM SIDING SHALL BE +.002 INCH OF G. IF BOARDS OR PANELS ARE AF OCCUR AT STUDS AND BE COVER H. ALL ATTACHMENTS SHALL BE C. I. SHALL BE OR APPROVED TYPE. J. THREE-EIGHTHS-INCH PLYWOO.	ALUMNIUM SIDING SHALL BE +,002 INCH OF THE NOMINAL DIMENSION. SIDING SHALL BE +,002 INCH OF THE NOMINAL DIMENSION. SIDING SHALL BE +,002 INCH OF THE NOMINAL DIMENSION. G. IF BOARDS OR PANELS ARE APPLIED OVER SHEATHING OR A WEATHER-RESISTANT MEMBRANE, JOINTS NEED NOT BE TREATED. OTHERWISE, VERTICAL JOINTS SHALL G. IF BOARDS OR PANELS ARE OVERED WITH BATTENS OR BE LAPPED. H. ALL ATTACHMENTS SHALL BE COATED WITH A CORROSION-RESISTIVE COATING. H. SHALL BE COF APPROVED TYPE. J. THALE BE COF APPROVED TYPE.	VAL DIMENSION. 3 SHEATHING OF TTENS OR BE LA H A CORROSION TO BE APPLIED I	R A WEATHER-RI APPED. A-RESISTIVE CO/	ESISTANT MEME ATING.	BRANE, JOINTS I	NEED NOT BE TR	REATED. OTHER	WISE, VERTICAL
	E							UDS. ONE-HALF-INCH

NS OF APPROVED FACTORY-BUILT FIREPLACE SHALL BE INSTALLED IN THE LISTING OF THE FIREPLACE. THE HEARTH EXTENSION SHALL BE READILY MISTIRPOLINDING STIPPEACES

ACH END. WHERE THE NUMBER OF ED TO BE SUPPORTED BY ULL-HEIGHT WALL STUD \$ TO THE H

GENERAL NOTES:

GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL ALSO OBTAIN & REVIEW A COPY OF THE LATEST NEW YORK BUILDING CODE & INSURE FULL UNDERSTANDING OF THE CODE PRIOR TO PROCEEDING WITH THE PROJECT.

2. CONTRACTOR TO OBTAIN AL NECESSARY PERMITS.

3. ALL WORK TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES.

4. CONTRACTOR TO COORDINATE THEIR WORK WITH ALL OTHER TRADES SO AS NOT TO CAUSE ANY UNNECESSARY DELAYS IN THE PROJECT.

5. CONTRACTOR TO BE RESPONSIBLE FOR APPROVALS AND FINAL INSPECTIONS OF HIS WORK BY LOCAL BUILDING INSPECTOR.

DEGREE DAYS
HEATING DESIGN TEMP. 1.3° OUTSDE:83° INDOOR
CODE DESIGN APPROACH PRESCRIPTIVE CHAP |
HEATING TYPE
VALUES REQUIRED BY CODE
EVITEDIAD WALLS.

ENERGY CONSERVATION CODE-DESIGN DATA