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. 6. CONTRACTOR SHALL PREPARE ALL SURFACES AND INSTALL ALL MATERIAL AS PER MANUFACTURERS

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

8. ALL HEADERS TO BE BUILT OF 2 - 2X10 MEMBERS, UNLESS NOTED OTHERWISE 9. EXTERIOR WALLS TO

10. EXTERIOR SHEATHING TO BE 7/16" OSB EXTERIOR PLYWOOD.

21. ALL EXTERIOR DECKING AND POSTS SHALL BE PRESSURE TREATED.

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.

16. WINDOWS FOR EMERGENCY EGRESS SHALL HAVE A MINIMUM AREA OF 5.7 FEET, WITH A MINIMUM DIMENSION OF 20°W X 24° H, WITH BOTTOM OF OPENING NO HIGHER THAN 44° INCHES ABOVE FINISHED FLOOR IN ALL ABOVE-GRADE STORIES, AND NO HIGHER THAN 4 FEET 6 INCHES WHERE REQUIRED IN BASEMENT AND CELLAR.

15. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE. THE TOWN SHALL

17. ALL SECTIONS OF FINISHED MATERIALS, STAINS, COLORS, ETC. TO BE BY OWNER UNLESS NOTED

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 DRAWINGS. ENGINEERING DESIGN FIRM IS ONLY RESPONSIBLE FOR THESE WORKING DRAWINGS AND THEIR RELATED SPECIFICATIONS. 20. ENGINEERING DESIGN FIRM ASSUMES NO RESPONSIBILITY FOR ANY EXISTING STRUCTURE OR ANY UNFORESEEN PROBLEMS PRIOR TO NEW CONSTRUCTION. ENGINEERING DESIGN FIRM ASSUMES NO RESPONSIBILITY FOR ANY NEW CONSTRUCTION AND/OR DEMOLITION.

22. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO COMMENCING 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 24. ONLY PLANS BEARING AN ORIGINAL LICENSED PROFESSIONAL ENGINEERS SEAL SHALL BE CONSIDERED 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.

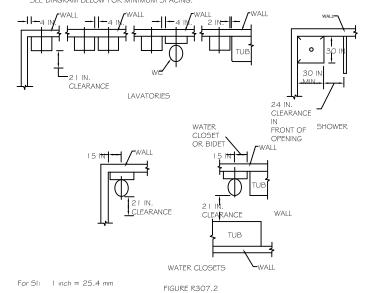
26. THE CONTRACTOR SHALL USE CP25WD FIREPROOF CAULKING FOR ALL PIPES AND DUCT PENETRATIONS THROUGH THE FLOOR AS MANUFACTURED BY 3M CORP. OR APPROVED EQUAL. ALL VENTS SHALL BE 3 INCHES IN DIAMETER. A CLEANOUT SHALL BE PROVIDED JUST BEFORE THE SEWER LINE LEAVES THE DWELLING AND ONE APPROXIMATELY 10 FEET OUTSIDE THE DWELLING. A DOUBLE HAND HOLE HOUSE TEAP WITH PERSH NITE FULL BE INSTALLED. HOUSE TRAP WITH FRESH INLET WILL BE INSTALLED. 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 FAN AND CLOTHES DRYER SHALL BE VENTED TO THE OUTSIDE WITH FLEXIBLE DUCT. THE RANGE HOOD WOULD BE CONNECTED WITH GALVANIZED DUCT TO THE OUTSIDE. ALL CONNECTION WILL BE TERMINATED WITH THE PROPER DEVICE AND WEATHER BAFFLES PROVIDED 29. THE NET BTU FOR THE FURNACE IS 150,000 BTU AND THE AFUE IS 81.9% WHICH WOULD MEET

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.

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 DEADLOAD CEILING LOAD=20 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD DECK LOAD=40 LB/SF LIVE LOAD, 10 LB/SF DEAD LOAD STAIR LOAD=40 LB/SF LIVE LOAD, TO LB/SF DEAD LOAD

SEE TABLE LOCATED ON PLANS. SEE PLANS FOR LOCATION, SIZE AND TYPE OF FIXTURES IN BATHROOM AND KITCHEN SEE DIAGRAM BELOW FOR MINIMUM SPACING.



35. SECTION R309:

38. SECTION R319:

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 SHEET STEEL WITH NO OPENINGS IN THE GARAGE. ALL
PENETRATIONS SHOULD BE SEPARATED AS STATED ABOVE. FLOORS TO BE NON-COMBUSTIBLE MATERIAL

36. SECTION R310: 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 30x46 ARE HIGHER AND NOTED IN THE WINDOW TABLE.

36. SECTION R312-R316: THE FLOOR OR LANDING SHALL NOT BE MORE THAN I 1/2" LOWER THAN THE TOP OF THE THRESHOLD. EACH LANDING SHALL HAVE A MIN. DIMENSION OF 36". THE WIDTH OF A STAIRWAY SHALL BE A MIN. 36" CLEAR. HANDRAILS SHALL NOT PROJECT MORE THAN 4.5 INCHES. THE MIN. CLEAR WIDTH OF THE STAIRWAY AT AND BELOW THE HANDRAIL HT., INCLUDING THREADS AND LANDINGS, SHALL NOT BE LESS THAN 31.5 INCHES WHERE HANDRAIL IS PROVIDED ON ONE SIDE, 27 INCHES WHERE HANDRAIL IS ON OOTH SIDES, MAX, RISER HT. IS 8 1/4" AND MIN. THREAD, DEPTH IS 9 INCHES, THE GREATEST RISER HT OUT DIVES, MAX, NISER TIT, 15 0 1/4" AND MIN. THREAD DEFITH 59 INCRES. THE GREATEST RISER TIT. NID DEPTH SHALL NOT EXCEED THE SMALLEST BY 3/8 INCH. THE MIN. HEADROOM SHALL BE 6/8 IN ALL PARTS OF THE STAIRWAY. HANDRAIL HT. SHALL NOT BE LESS THAN 34 INCHES NOR GREATER THAN 38 NCHES. DISTANCE BETWEEN SPINDLES OR RAILS SHALL BE NO GREATER THAN 4 INCHES.

37. SECTION R3 | 7: ALL SMOKE ¢ CO DETECTORS SHALL BE INTERCONNECTED WITH BATTERY BACK-UPS. THEY ARE AS SHOWN ON THE PLANS WITH A SYMBOL 6D 60 . 6D SHALL BE IN EACH SLEEPING ROOM, OUTSIDE EACH SLEEPING AREA AND ON EACH ADDITIONAL STORY OF THE DWELLING INCLUDING BASEMENTS AND CELLARS.

ALL WALL AND CEILING 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-WINTER 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-WINTER SIDE OF THE INSULATION. TO PROTECT AGAINST DECAY ALL EXPOSED WOOD & WOOD IN CONTACT WITH THE GROUND MUST BE

41. SECTION R500-R506: THE FLOOR CONSTRUCTION SHALL ACCOMMODATE ALL LOADS ACCORDING TO SECTION R30 | \$ TRANSMIT THE LOADS TO SUPPORTING STRUCTURAL ELEMENTS. LOAD BEARING DIMENSION LUMBER FOR JOISTS, BEAMS AND GIRDERS SHALL BE IDENTIFIED BY GRADE MARK. UNGRADED LUMBER HAS TO MEET ALL REQUIREMENTS OF THE CODE # DESIGN PROFESSIONAL SEE NOTE #7 FOR SPECIES & GRADE. FLOOR FRAMING NAILING REQUIREMENTS SHALL BE IN ACCORDANCE WITH TABLE RG02.3(1). THE TABLE HAS BEEN PROVIDED ON THIS SHEET.

42. SECTION R502.8: DRILLING & NOTCHING SHALL BE AS PER THE FIGURE PROVIDED ON DETAIL SHEET & SECTION

43. SECTION R600-R613: THE WALL CONSTRUCTION SHALL ACCOMMODATE ALL LOADS IMPOSED ACCORDING TO SECTION R30 I ¢
TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING STRUCTURES. LOAD BEARING DIMENSION LUMBER 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 ACCORDANCE WITH TABLE R602.3(1). THE TABLE IS SHOWN ON THIS SHEET. DRILLING ¢
NOTCHING SHALL BE AS PER THE FIGURE PROVIDED ON DETAIL SHEET ¢ SECTION 602.6 IN CODE.

**SECTION 8700 P.70.1

44. SECTION R700-R703:
SEE WALL SECTION DETAIL FOR INTERIOR & EXTERIOR WALL COVERINGS. FASTENER REQUIREMENTS ARE AS SHOWN

THE ROOF & CEILING CONSTRUCTION SHALL ACCOMMODATE ALL LOADS IMPOSED ACCORDING TO SECTION R30 I & TRANSMITTING THE RESULTING LOADS TO THE SUPPORTING STRUCTURES. LOAD BEARING DIMENSION LUMBER FOR RAFTERS, 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.

ENERGY CONSERVATION CODE-DESIGN DATA

ROOF/CEILING FOUNDATION WALL R=15/19 SLAB EDGE INSULATION R=10,7 U=0.30 DOUBLE GLAZED ENTRANCE DOOR R=1.8 INFILTRATION:

MANUFACTURER PROVIDED CODE REQUIRED
ANDERSEN .04 CFM/LF. 0.37 CFM/LF. ANDERSEN 0.15 CFM/LF .15 CFM/LF MORGAN 0.34 CFM/LF 0.5 CFM/LF FIREPLACE:PROVIDE CLOSABLE COMBUSTIBLE AIR INTAKE AND TEMPERED GLASS DOORS OVER OPENINGS CAULKING: PROVIDE CAULKING AROUND ALL DOORS, WINDOWS AND OTHER 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.

KYLIGHTS: SHALL HAVE R VALUE AS SHOWN FOR GLAZING AND SHALL SKYLIGHTS: STIALL HAVE A VALUE AS STOWN FOR SUPERIOR OF STATE OF 1.5 AS PER SECTION DE NO MORE THAN 1% OF ROOF AREA.
PIPING INSULATION: HEATING SYSTEM PIPING SHALL BE A MIN. THICKNESS OF 1.5 AS PER SECTION N1103. COOLING SYSTEM PIPING SHALL BE A MIN. THICKNESS OF 1.25 AS PER SECTION N1103.

WINDOWS:ALL WINDOWS TO BE LOW 'E' GLASS \$ HAVE A U=0.35 FOUNDATION NOTES: 1. ALL 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: ALL FOOTINGS 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 SILLET STEEL NOT LESS THAN 60,000 P.S.I.

5. ALL SPLICES OR REINF. BARS SHALL NOT BE LAPPED LESS THAN
6. ALL SPLICES OF WELDED WIRE FABRIC SHALL BE LAPPED BY (2) SPACING OF CROSS WIRE.
7. ALL W.W.F. 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.

10. SECTION R401.4: SOIL BEARING CAPACITY - 2.5 TSF.

11. SECTION R403: FOR SIZE OF FOOTING FORMS, DEPTH, WIDTH, REINFORCEMENT, STEP-DOWNS, PLACEMENT ON SLOPES OR ADJACENT TO, PENETRATIONS UNDER OR THROUGH THE FOOTING & KEYWAYS 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 RACKELL! 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.

15. STEP DOWNS IN THE FOOTINGS SHALL BE A MAX. OF 24 INCHES VERTICALLY.

ENERGY CONSERVATION NOTES:

I . ALL EXTERIOR WALLS SHALL BE 6" FIBERGLASS BATT INSULATION WITH VAPOR BARRIER. INSULATION VALUE; R-I 9 OR 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 PERIMETER 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.

7. ALL ENTRANCE DOORS TO HAVE "U" VALUE OF 0.40. 8. FIBERGLASS SILL PLATE INSULATION TO BE USED UNDER ALL SILL PLATES, WHETHER ON CRAWL SPACE, WALLS OR

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. I I. 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

I . ALL PLUMBING SHALL MEET ALL REQUIREMENTS OF CHAPTER 27 "PLUMBING FIXTURES" OF THE NY, RBC, LATEST EDITION. PLUMBING FIXTURES, FAUCETS AND FIXTURE STITINGS SHALL BE CONSTRUCTED OF APPROVED MATERIALS, SHALL HAVE SMOOTH IMPERVIOUS SURFACES, SHALL BE FREE FROM DEFECTS & CONCEALING FOULING SURFACES, & EXCEPT AS PERMITTED ELSEWHERE IN THE SHALL BE PROVIDED WITH AN ADEQUATE SUPPLY OF POTABLE WATER TO FLUSH # KEEP THE FIXTURES N A CLEAN & SANITARY CONDITION WITHOUT DANGER OF BACKFLOW OR CROSS CONNECTION.

2. PLUMBING AND DRAINAGE SYSTEM SHALL BE TESTED AS PER CODE. B. CHAPTER 26-PLUMBING AND DRAINAGE SYSTEM SHALL FOLLOW CHAPTER 26 AND SUB SECTION AS I OLLOWO. 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 2. INDIVIDUAL SEWAGE TREATMENT SYSTEMS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE PROVISIONS OF APPENDIX 75-A OF THE DEPARTMENT OF HEALTH ADMINISTRATIVE RULES & REGULATIONS(I ONYCRR APPENDIX 75-A), TITLED WASTEWATER TREATMENT STANDARDS - INDIVIDUAL THE FINISHED FLOORS, WALLS, CEILINGS, THE WORK OR ANY OTHER PART OF THE BUILDING OR REMISES THAT MUST BE CHANGED OR REPLACED SHALL BE LEFT IN A SAFE STRUCTURAL CONDITION IN ACCORDANCE WITH THE REQUIREMENTS OF THE BUILDING PORTION OF THE NY. BC.

BECTION P2605- SUPPORT (TABLE P2605. I.) SEE SECTION 2906 THIS SHEET ROOF \$ EXTERIOR WALL PENETRATIONS SHALL BE MADE WATER TIGHT, JOINTS AT THE ROOF, AROUND VENT PIPES, SHALL BE WATER TIGHT BY USE OF LEAD, COPPER OR GALVANIZED IRON FLASHINGS OF AN APPROVED ELASTOMERIC MATERIAL. COUNTERFLASHING SHALL NOT RESTRICT THE REQUIRED INTERNAL CROSS-SECTIONAL AREA OF ANY VENT.

4. SHOWERS AND TUB/SHOWER COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THE THERMOSTATIC MIXING OR COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVES TYPE WITH HIGH LIMITS STOPS IN ACCORDANCE WITH ASSE/ANSI 10106. THE HIGH STOPS SHALL BE SET TO LIMIT WATER TEMPERATURE TO A MAXIMUM OF ECTIONS: P2708-SHOWERS - SHOWER COMPARTMENTS SHALL HAVE AT LEAST 900 SQUARE INCHES OF INTERIOR CROSS-SECTIONAL AREA. SHOWER COMPARTMENTS SHALL NOT BE LESS THAN 30 INCHES IN MIN. DIMENSION MEASURED FROM THE FINISHED INTERIOR DIMENSION OF THE SHOWER COMPARTMENT, EXCLUSIVE OF FIXTURE VALVES, SHOWER HEADS, SOAP DISHES, & SAFETN GRAB BARS OR RAILS. THE MIN. REQUIRED AREA & DIMENSION SHALL BE MEASURED FROM THE SHED INT. DIMENSION AT A HEIGHT EQUAL TO THE TOP OF THE THRESHOLD \$ AT A POINT TANGENT O ITS CENTERLINE ¢ SHALL BE CONTINUED TO A HEIGHT NOT LESS THAN 70 INCHES ABOVE THE SHOWER DRAIN OUTLET, WATER SUPPLY RISER FROM THE SHOWER VALVE TO THE SHOWER HEAD NHOWER DRAIN OUTLET. WATER SOFFIT RISER FROM THE SHOWER VALVE TO THE SHOWER HEA DUTLET SHALL BE SECURED TO THE PERMANENT STRUCTURE. SHOWER AND TUB/SHOWER COMBINATIONS SHALL BE EQUIPPED WITH CONTROL VALVES OF THE PRESSURE BALANCE, THE HERMOSTATIC MIXING OR THE COMBINATION PRESSURE BALANCE/THERMOSTATIC MIXING VALVE YPES WITH HIGH LIMIT STOPS IN ACCORDANCE WITH ASSE/ANSI 1016. THE HIGH LIMIT STOPS SHALL BE SET TO LIMIT WATER TEMP. TO A MAX. 120°F.
P2711-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 LEAR OPENING OF THE WASTELINE 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 AN ADEQUATE QUANTITY OF WATER SHALL BE PROVIDED TO FLUSH & CLEAN THE FIXTURE SERVED. THE

FLUSH CONTENTS OF THE FIXTURE, TO CLEANSE THE FIXTURE & REFILL THE FIXTURE TRAP IN ACCORDANCE WITH ASMEJANSI A I 1 2 . 1 9 . 2 \$ AMSE.ANSI A I 1 2 . 1 9 . 6 . WATER SUPPLY TO FLUSHING DEVICES EQUIPPED FOR MANUAL FLUSHING SHALL BE CONTROLLED BY A FLOAT VALVE OR OTHER AUTOMATIC DEVICE DESIGNED TO REFILL THE TANK AFTER EACH DISCHARGE \$ TO COMPLETELY SHUT OFF WATER FLOW TO THE TANK WHEN THE TANK IS FILLED TO OPERATION. VISION SHALL BE MADE TO AUTOMATICALLY SUPPLY WATER THE THE FIXTURE SO AS O REFILL THE TRAP AFTER EACH FLUSHING. FLUSH VALVE SEATS IN TANKS FOR FLUSHING WATER CLOSETS SHALL BE AT LEAST I INCH ABOE THE FLOOD-LEVEL RIM OF THE BOWL CONNECTED THERETO, EXCEPT AN APPROVED WATER CLOSET \$ FLUSH TANK COMBINATION DESIGNED SO THAT WHEN THE TANK IS FLUSHED & THE FIXTURE IS CLOGGED OR PARTIALLY CLOGGED, THE FLUSH VALVE WILL CLOSE TIGHTLY SO THAT WATER WILL NOT SPILL CONTINUOUSLY OVER THE RIM OF THE BOWL OR BACKFLOW FROM THE BOWL TO THE TANK. FLUSH TANKS SHALL BE PROVIDED WITH OVERFLOWS DISCHARGING TO THE WATER CLOSET CONNECTED THERETO & SUCH OVERFLOW SHALL BE OF SUFFICIENT SIZE TO PREVENT FLOODING THE ANK AT THE MAX. RATE AT WHICH THE TANKS ARE SUPPLIED WITH WATER. ALL PARTS IN A FLUSH TANK SHALL BE ACCESSIBLE FOR REPAIR OR REPLACEMENT. WATER CLOSETS SHALL BE EQUIPPED WITH SEATS OF SMOOTH, NONABSORBANT MATERIAL \$ SHALL BE PROPERLY SIZED FOR WATER CLOSET BOWL TYPE. P27 13-BATHTUBS SHALL HAVE OUTLETS & OVERFLOWS AT LEAST 1.5 INCHES IN DIAMETER, & THE WASTE OUTLET SHALL BE EQUIPPED WITH AN APPROVED STOPPER. P27 L4-SINKS SHALL BE PROVIDED WITH WASTE OUTLETS NOT LESS THAN 1.5 INCHES IN DIAMETER STRAINER, CROSSBAR OR OTHER DEVICE SHALL BE PROVIDED TO RESTRICT THE CLEAR OPENING OF 2717-THE WATER SUPPLY FOR DISHWASHERS SHALL BE PROTECTED BY AN AIR GAP OR INTEGRA BACKFLOW PREVENTOR. A SINK & DISHWASHER ARE PERMITTED TO DISCHARGE THROUGH A SINGLE I.5 INCH TRAP. THE DISCHARGE PIPE FROM THE DISHWASHER SHALL BE INCREASED TO A MIN. OF 0.75 INCH IN DIAMETER & SHALL BE CONNECTED WITH A WYE TO THE SINK TAIL PIECE. THE DISHWASHER WASTE LINE SHALL RISE & BE SECURELY FASTENED TO THE UNDERSIDE OF THE COUNTER BEFORE CONNECTING TO THE SINK TAIL PIECE. 27 | 8- THE DISCHARGE FROM A CLOTHES WASHING MACHINE SHALL BE THROUGH AN AIR BREAK. 2720-WHIRLPOOL BATHTUBS A DOOR OR PANEL OF SUFFICIENT SIZE SHALL BE INSTALLED TO PROVIDE ACCESS TO THE PLIMP FOR REPAIR AND/OR 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 PERFORMED IN ACCORDANCE WITH THE MANUF. INSTALLATION INSTRUCTIONS. THE PRODUCT SHALL BE INSTALLED AS PER THE

TABLE P270 . I . FAUCETS & FIXTURE FITTINGS THAT SUPPLY DRINKING WATER FOR HUMAN INGESTION SHALL CONFORM TO THE REQUIREMENTS OF ANSI/NSFG I , SECTION 9. FLEXIBLE WATER CONNECTORS SHALL CONFORM TO THE REQUIREMENTS OF SECTION P2904.7 FIXTURE FITTINGS, FAUCETS & DIVERTERS SHALL BE INSTALLED & ADJUSTED SO THAT THE FLOW OF HOT WATER FROM THE FITTINGS CORRESPONDS TO THE LEFT HAND SIDE OF THE FITTING. 5. CHAPTER 28-WATER HEATER APPLIANCES ¢ EQUIPMENT USED FOR HEATING WATER OR STORING HOT WATER SHALL BE I. A SEPARATE PRESSURE RELIEF VALVE & A SEPARATE TEMPERATURE RELIEF VALVE OR

RELIEF VALVES SHALL HAVE A MIN. RATED CAPACITY FOR THE EQUIPMENT SERVED \$ SHALL CONFORM

P2722-FIXTURE SUPPLY VALVES & FAUCETS SHALL COMPLY WITH ASME.ANSI A I I 2.18.1 AS LISTED IN

P2803.3- PRESSURE RELIEF VALVE PRESGURE RELIEF VALVES SHALL HAVE A RELIEF RATING ADEQUATE TO MEET THE PRESGURE 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 RELIEF VALVE SETTING SHALL NOT EXCEED THE TANK'S RATED WORKING PRESSURE. P2803.4- TEMPERATURE RELIEF VALVE TEMP. RELIEF VALVES SHALL HAVE A RELIEF RATING COMPATIBLE WITH THE TEMP. CONDITIONS OF THE APPLIANCES OR EQUIPMENT PROTECTED. THE VALVES SHALL BE INSTALLED SUCH THAT THE EMP.-SENSING ELEMENT MONITORS THE WATER WITHIN THE TOP 6 INCHES OF THE TANK. THE VALVE SHALL BE SET TO OPEN AT A MAX. TEMP. OF 210°F.
P2803.5-COMBINATION PRESSURE/TEMPERATURE RELIEF VALVES

OMBINATION PRESSURE/TEMPERATURE RELIEF VALVES SHALL COMPLY WITH ALL THE REQUIREMENTS

OF SEPARATE PRESSURE AND TEMP. RELIEF VALVES.

A CHECK OR SHUTOFF VALVE SHALL NOT BE INSTALLED INT HE FOLLOWING LOCATIONS: BETWEEN A RELIEF VALVE \$ THE TERMINATION POINT OF THE RELIEF VALVE DISCHARGE PIPE; 2. BETWEEN A RELIEF VALVE & A TANK; OR 3. BETWEEN A RELIEF VALVE & HEATING APPLIANCES OR EQUIPMENT.

THE OUTLET OF A PRESSURE-RELIEF VALVE SHALL NOT BE DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM. THE DISCHARGE FOR A RELIEF VALVE SHALL BE PIPED FULL SIZE SEPARATELY TO THE FLOOR, TO THE OUTSIDE OF THE BUILDING OR TO AN INDIRECT WASTER RECEPTOR LOCATED INSIDE THE BUILDING. IN AREAS SUBJECT TO FREEZING. THE RELIEF VALVE SHALL DISCHARGE THROUGH AN AIR GAP INTO AN INDIRECT WASTE RECEPTOR LOCATED WITHIN A HEATED SPACE. THE DISCHARGE SHALL BE INSTALLED IN A MANNER THAT DOES NOT CAUSE PERSONAL INJURY OR PROPERTY DAMAGE & THAT 5 READILY OBSERVABLE BY THE BUILDING OCCUPANTS. THE DISCHARGE FROM A RELIEF VALVE SHALI IS KLADICH OBDERVABLE IN THE DISIDING OCCUPANTS. THE DISCHARGE I KOM A KLEET VALVE SHAL NOT BE TRAPPED. THE DIAMETER OF THE DISCHARGE PIPING SHALL NOT BE LESS THAN THE DIAMETER OF THE RELIEF VALVE OUTLET. THE DISCHARGE PIPE SHALL BE INSTALLED AS TO DRAIN BY GRAVITY FLOW \$ SHALL TERMINATE ATMOSPHERIC ALLY NOT MORE THAN 6 INCHES ABOVE THE FLOOR. THE OUTLET END SHALL NOT BE THREADED \$ SUCH DISCHARGE PIPE SHALL NOT HAVE A VALVE INSTALLED. 2803.6.2- RELIEF VALVE VALVE DRAINS EDUSTRIES VALVE VALVE DANING RELIEF VALVE DRAINS SHALL COMPLY WITH SECTION P2904.5 OR ASME/ANSI A I I 2.4.1. 6. ALL PLUMBING FIXTURES SHALL BE PROVIDED WITH APPROVED STRAINERS.

8. CHAPTER 29 WATER SUPPLY AND DISTRIBUTION
SECTION 290 I -GENERAL
DWELLING UNITS SHALL BE PROVIDED WITH A SUPPLY OF POTABLE WATER IN THE AMOUNTS \$
PRESSURES SPECIFIED IN THIS CHAPTER. IN A BUILDING WHERE BOTH A POTABLE AND NONPOTABLE WATER DISTRIBUTION SYSTEM ARE INSTALLED, EACH SYSTEM SHALL BE IDENTIFIED BY COLOR MARKING, METAL TAG OR OTHER APPROPRIATE METHOD. ANY NONPOTABLE OUTLET THAT COULD BE INADVERTENTLY BE USED FOR DRINKING OR DOMESTIC PURPOSES SHALL BE POSTED.

SYSTEM SHALL BE DESIGNED IN SUCH A WAY TO PREVENT CONTAMINATION. P2902.2-BACKFLOW PREVENTER A MEANS OF PROTECTION AGAINST BACKFLOW SHALL BE PROVIDED IN ACCORDANCE WITH SECTIONS P2902.3-PROTECTION OF POTABLE WATER OUTLETS ALL POTABLE WATER OPENINGS & OUTLETS SHALL BE PROTECTED BY AN AIR GAP, ATMOSPHERIC TYPE VACUUM BREAKER, PRESSURE TYPE VACUUM BREAKER OR HOSE CONNECTION BACKFLOW

TABLE P REQUIRED CAPACITIES AT POI		DISCHARGE		
	FLOW	FLOW PRESSURE	SIZE OF TRAPS AND TRAP ARMS FOR I	PLUMBING FIXTURES
FIXTURE AT POINT OF OUTLET	RATE (gpm)	(psi)	PLUMBING FIXTURE	MIN. TRAP SIZE
Bathtub	4	8		
Bidet	2	4	4 BATHTUB W/O SHWR HEAD, OR WHIRLPOOL ATTACH.	
Dishwasher	2.75	8		
Laundry tub	4	8 DISHWASHER (ON SEPARATE TRAP)		1 1/2"
Lavatory	2	8		
Shower	3	8 WASHER		2"
Shower, temperature controlled	3		20	
Sillcock, hose bibb	5	8	LAVATORY	1 1/2"
Slnk	2.5	8		
Water closet, fushometer tank	1.6	15	SHOWER	2"
Water closet, tank, close coupled	3	8	LAUNDRY TUB (I OR MORE COMPARTMENT)	1 1/2"
Water closet, tank, one-plece	6	20	· · · · · · · · · · · · · · · · · · ·	1 172
For SI: 1 gallon per minute = 3.785 L/m, 1 p kPa.	oound per square In	ch = 6.895	KITCHEN SINK (ONE OR TWO TRAPS, WITH OR WO DISHWASHER AND GARBAGE DISPOSAL	1 1/2"
TARI E D	2903.2		WATER CLOSET	AS PER MANUF.

For SI: 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.895

b. Consumption tolerances shall be determined from referenced standards.

ALL WATER METERS, MAIN AND DISTRIBUTION PIPING SHALL COMPLY

E BIBBS SHALL COMPLY WITH SECTION 2903.10.						
WATER-SUPPLY-UNITS FIXTURE VALUES						
WATER SUPPLY FIXTURE- UNIT VALUE (W.S.F.U.)						
FIXTURE	HOT	COLD	COMBINED			
BATHTUB	1.0 1.0 1.4					
CLOTHES WASHER	1.0 1.0 1.4					
HOSE BIBB	-	2.5	2.5			
KITCHEN SINK	1.0	1.0	1.4			
LAVATORY	0.5	.05	0.7			
WATER CLOSET	-	2.5	2.5			
HALF BATH (WC / LAV)	0.5	2.5	2.6			
FULL BATH W/ TUB OR SHWR	1.5	2.7	3.6			
KITCHEN (DW, SK,)	1.9 1.0 2.5					
LAUNDRY (WSHR AND SINK)	1.8	1.8	2.5			

THE INSTALL ATION OF WATER SERVICING PIPING, WATER DISTRIBUTION PIPE, FITTINGS, VALVES, APPURTENANCES \$ GASKETS SHALL BE PROHIBITED IN SOIL & GROUNDWATER THAT IS CONTAMINATED WITH SOLVENTS, FUELS, ORGANIC COMPOUNDS OR OTHER DETRIMENTAL MATERIALS THAT CAUSE PERMEATION, CORROSION, DEGRADATION 2904.2-LEAD CONTENT-MAX. 8%

POLYETHYLENE PIPE SHALL BE CUT SQUARE, USING A CUTTER DESIGNED FOR PLASTIC PIPE. SHARP EDGES SHALL BE REMOVED. BENDS SHALL NOT BE PERMITTED WITHIN 10 PIPE DIAMETERS OF ANY FITTINGS OR VALVES. FLARED JOINTS SHALL BE PERMITTED WHEN REC. BY MANUF. \$ MADE WITH APPROPRIATE TOOL. WATER DIST. PIPING SHALL CONFORM TO ONE OF THE STANDARDS IN TABLE 2904.5. ABS, PVC, PE-AL-PE OR PE PLASTIC PIPE SHALL NOT BE USED FOR WATER DISTRIBUTION PIPIG. CPVC, CROSSLINKED PEX OR PEX-AL-PEX PLASTIC PIPE IS PERMITTED TO BE USED FOR BOTH HOT AND COLD WATER. ALL HOT WATER DISTRIBUTION PIPE \$ TUBING SHALL HAVE A MIN. PRESSURE RATING OF A 100 PSI AT 180°F. WATER DISTRIBUTION PIPING SHALL CONFORM TO NSF 61.
P2904.6-WATER-DISTRIBUTION PIPE-TYPE K COPPER

P2904.7-UNDER CONCRETE SLAB-TYPE M, WROUGHT-COPPER AND BRAZED FITTING P2904.8 JOINTS & CONNECTIONS SHALL BE GAS AND WATER TIGHT. P2904.9 JOINTS SHALL BE MADE WITH APPROVED FITTINGS.

P2905. HANGES IN DIRECTION IN COPPER TUBE ARE PERMITTED TO BE MADE WITH BENDS HAVING A RADIUS OF NOT LESS THAN 4 DIAMETERS OF THE TUBE, PROVIDED THAT BEND ARE MADE BY FORMING EQUIPMENT THAT DOES NOT DEFORM OR CREATE LOSE IN CROSS-SECTION

. PIPING SHALL BE SUPPORTED TO ENSURE ALIGNMENT \$ PREVENT SAGGING, \$ ALLOW MOVEMENT ASSOCIATED

2. PIPING IN THE GROUND SHALL BE LAID ON A FIRM BED FOR ITS ENTIRE LENGTH, EXCEPT WHERE SUPPORT IS 3. HANGERS & ANCHORS SHALL BE SUFFICIENT STRENGTH TO MAINTAIN THEIR PROPORTIONAL SHARE OF THE SHALL BE PROVIDED AT CHANGES IN DIRECTION GREATER THAT 45° FOR PIPE SIZES 4 INCHES AND LARGER. 4. PIPING SHALL BE SUPPORTED AT DISTANCES NOT TO EXCEED THOSE INDICTED IN TABLE P2605. I.

CHAPTER 31-VENT 1. ALL VENT PIPING AND CONNECTION SHALL COMPLY WITH SECTION P3101 THRU 3110 OF THE

MIN OF 3" DIAMETER PIPE. THEY SHALL TERMINATE OUTSIDE AND EXTEND A MIN. OF 6" ABOVE THE ROOF. (P3103.1 \pm 3104.1)

I. ALL TRAP AND CONNECTION SHALL COMPLY WITH SECTION P3201 OF THE NY.RBC A. TRAPS SHALL BE OF STANDARD DESIGN, SHALL HAVE SMOOTH UNIFORM INTERNAL WATERWAYS, SHALL BE SELF-CLEANING & SHALL NOT HAVE INTERIOR PARTITIONS EXCEPT WHERE INTEGRAL WITH THE FIXTURE. TRAPS SHALL BE CONSTRUCTED OF LEAD, CAST IRON, CAST OR DRAWN THICKNESS. SOLID CONNECTIONS, SLIP JOINTS & COUPLINGS ARE PERMITTED TO BE USED ON THE TRAP INLET TRAP OUTLET OR WITHIN THE TRAP SEAL SUP JOINTS SHALL BE ACCESSIBLE 2. FOR TRAP SIZES SEE TABLE "SIZE OF TRAPS AND TRAP ARMS FOR PLUMBING FIXTURES" BELOW.

. SIZE OF SYSTEM, LOCATION OF SWITCHES AND RECEPTACLES TO INCLUDE ALL GFI AR INDICATED 2. ALL ELECTRICAL MUST COMPLY WITH THE ELECTRICAL CODE CONTAINED WITHIN CHAPTERS 33-42

HICH IS BASED ON 1999 NATIONAL ELECTRICAL CODE.

SEE RISER DIAGRAM FOR PIPES SIZES

SECTION 2902-PROTECTION OF PORTABLE WATER SUPPLY

PASSIGNATION OF POTABLE WATER CONNECTIONS
ALL CONFECTIONS TO THE POTABLE WATE SHALL CONFORM TO SECTIONS P2902.4.1 THROUGH

SECTION 2903-WATER SUPPLY SYSTEM 9. SECTION 2903: THE WATER SUPPLY SHALL BE 3/4" K COPPER PIPE.

P2902.4.5

TABLE P2	2903.1			
D CAPACITIES AT POI	NT OF OUTLET	DISCHARGE		
	FLOW	FLOW PRESSURE	SIZE OF TRAPS AND TRAP ARMS FOR P	LUMBING FIXTURES
T POINT OF OUTLET	RATE (gpm)	(psi)	PLUMBING FIXTURE	MIN. TRAP SIZE
	4	8		
	2	4	BATHTUB W/O SHWR HEAD, OR WHIRLPOOL ATTACH.	1 1/2"
	2.75	8		
	4	8	DISHWASHER (ON SEPARATE TRAP)	1 1/2"
	2	8		
	3	8	WASHER	2"
perature controlled	3	20		
e b i bb	5	8	LAVATORY	1 1/2"
	2.5	8		
, fushometer tank	1.6	15	SHOWER	2"
, tank, c l ose	3	8		
			LAUNDRY TUB (I OR MORE COMPARTMENT)	1 1/2"
, tank, one-plece	6	20		
per minute = 3,785 L/m, 1 p	ound per square In	ch = 6.895	KITCHEN SINK (ONE OR TWO TRAPS, WITH OR W/O	1 1/2"

		I
TABLE	P2903.2	
MAXIMUM FLOW RATES A	AND CONSUMPTION FOR	
PLUMBING FIXTURES A	AND FIXTURE FITTINGS	
PLUMBING FIXTURE	PLUMBING FIXTURE	
OR FIXTURE FITTING	OR FIXTURE FITTING	
Lavatory faucet	2.2 gpm at 60 psl	
Shower head ^a	2.5 gpm at 80 psi	
Sink faucet	2.2 gpm at 60 psi	
Water closet	1.6 gallons per flushing cycle	
or SI: 1 gallon nor minuto	- 2 795 L/m 1 pound por co	iuaro inch - 6 905

a. A handheld shower spray is also a shower head

I TABLE 2903.7. E BIBBS SHALL COMPLY WITH	SECTION 2903	3.10.	
WATER-SUPPL	Y-UNITS F	IXTURE V	ALUES
50.50.05	WATER SUPPL	Y FIXTURE- UN	IIT VALUE (W.S.F.U.)
FIXTURE	HOT	COLD	COMBINED
BATHTUB	1.0	1.0	1.4
CLOTHES WASHER	1.0	1.0	1.4
HOSE BIBB	-	2.5	2.5
KITCHEN SINK	1.0	1.0	1.4
LAVATORY	0.5	.05	0.7
WATER CLOSET	-	2.5	2.5
HALF BATH (WC / LAV)	0.5	2.5	2.6
FULL BATH W/ TUB OR SHWR	1.5	2.7	3.6
KITCHEN (DW, SK,)	1.9	1.0	2.5

SECTION 2904-MATERIALS, JOINTS AND CONNECTIONS P2904.3-POLYETHYLENE PLASTIC PIPING INSTALLATION

SECTION 2905-CHANGES IN DIRECTION

OF THE TUBE.

WEIGHT OF PIPE & CONTENTS & SUFFICIENT WIDTH TO PREVENT DISTORTION TO THE PIPE. HANGERS AND STRAPPING SHALL BE OF APPROVED MATERIAL THAT WILL NOT PROMOTE GALVANIC ACTION. RIGID SUPPORT SWAY BRACING

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 SECTION 300 I -3008: ALL SANITARY DRAINAGE SHALL BE PVC AND WITH TABLE 3002. I ALL JOIST SURFACES SHALL BE CLEAN AND FREE OF MOISTURE. CLEANOUTS SHALL NOT BE MORE THAN A LOO FEET APART. CHAPTER 26 THRU 32-CONTINUED

FOR VENT SIZES SEE RISER DIAGRAM.

3. ALL INDIVIDUAL BRANCH AND CIRCUIT VENT PIPES SHALL CONNECT TO A VENT STACK AND BE A 4. JUNCTION AT ROOF SHALL BE MADE WATERTIGHT BY APPROVED FLASHING.

SIZE OF TRAPS AND TRAP ARMS FOR PLUMBING FIXTURES				
PLUMBING FIXTURE	MIN. TRAP SIZE			
BATHTUB W/O SHWR HEAD, OR WHIRLPOOL ATTACH.	I 1/2"			
DISHWASHER (ON SEPARATE TRAP)	l 1/2"			
WASHER	2"			
LAVATORY	1 1/2"			
SHOWER	2"			
LAUNDRY TUB (I OR MORE COMPARTMENT)	1 1/2"			
KITCHEN SINK (ONE OR TWO TRAPS, WITH OR W/O DISHWASHER AND GARBAGE DISPOSAL	l 1/2"			
WATER CLOSET	AS PER MANUF. SPEC.			

CHAPTERS 33-42

CHAPTER 10- CHIMNEYS AND FIREPLACES

. SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED AND TERMINATED IN ACCORDANCE WITH THE MANUFACTURE'S INSTALLATION INSTRUCTIONS. 2. DECORATIVE SHROUDS SHALL NOT BE INSTALLED AT THEE TERMINATION OF FACTORY-BUILT HIMNEY EXCEPT WHERE SUCH SHROUDS ARE LISTED AND LABELED FOR USE WITH THE SPECIFIC

ACTORY-BUILT CHIMNEY SYSTEM AND INSTALL ED IN ACCORDANCE WITH MANUF. INSTALLATION

SECTION R I 004-FACTORY BUILT FIREPLACES-R I 005-EXTERIOR AIR SUPPLY OF THE LISTING. FACTORY-BUILT FIREPLACES SHALL BE TESTED IN ACCORDANCE WITH UL I 27 2. HEARTH EXTENSIONS OF APPROVED FACTORY-BUILT FIREPLACE SHALL BE INSTALLED IN ACCORDANCE WITH THE LISTING OF THE FIREPLACE. THE HEARTH EXTENSION SHALL BE READILY DISTINGUISHED FROM SURROUNDING SURFACES.

3. EXTERIOR COMBUSTION AIR DUCTS SHALL BE A LISTED COMPONENT OF THE FIREPLACE AND SHALL BE INSTALLED AS PER FIREPLACE MANUF. INSTRUCTIONS. EXTERIOR AIR INTAKE SHALL NOT BE LOCATED WITHIN GARAGE OR BASEMENT NOR SHALL AIR INTAKE BE LOCATED AT AN ELEVATION HIGHER THAN THE FIREBOX. EXTERIOR AIR INTAKE SHALL BE COVERED WITH A CORROSION-RESISTANT SCREEN. EXTERIOR COMBUSTION AIR DUCTS SHALL BE AS PER MANUF.

4. EXTERIOR COMBUSTION AIR DUCTS SHALL BE CLOSEABLE AND DESIGNED TO PREVENT BURNING MATERIAL FROM DROPPING INTO CONCEALED COMBUSTIBLE SPACE.

A PERMANENT FACTORY APPLIED NAMEPLATE(S) SHALL BE AFFIXED TO APPLIANCES ON WHICH SHALL APPEAR, IN LEGIBLE LETTERING, THE MANUF. NAME OR TRADEMARK, THE MODEL #, SERIAL #, AND THE SEAL ARK OF THE TESTING AGENCY.

APPLIANCES SHALL BE ELECTRIC/LP. THE FURNACE SHALL USE OIL. PPLIANCES SHALL BE ACCESSIBLE FOR INSPECTION, SERVICE, REPAIR AND REPLACEMENT WITHOUT OVING PERMANENT CONSTRUCTION. THIRTY INCHES OF WORKING SPACE SHALL BE PROVIDED IN I OF THE CONTROL SIDE TO SERVICE AN APPLIANCE. ROOM HEATERS SHALL BE PERMITTED TO BE LLED WITH AT LEAST 18-INCH WORKING SPACE.
PLIANCES SUPPORTED FROM THE GROUND SHALL BE LEVEL & FIRMLY SUPPORTED ON A CONCRETE OR OTHER NON-COMBUSTIBLE MATERIAL EXTENDING ABOVE THE ADJOINING GROUND. APPLIANCES NDED FROM THE FLOOR SHALL HAVE A CLEARANCE OF NOT LESS THAN 6 INCHES FROM THE

PANCES FROM COMBUSTIBLE CONSTRUCTION SHALL COMPLY WITH SECTION M L3OC LIANCES SHALL BE INSTALLED AS PER SECTION M | 307. APPLIANCES HAVING AN IGNITION SOURCE BE ELEVATED TO 18 INCHES OR MORE ABOVE FLOORS IN GARAGES. ELECTRICAL APPLIANCES SHALL STALLED IN ACCORDANCE WITH CHAPTERS 14, 21 & 33-42.

DOD FRAME STRUCTURAL MEMBERS SHALL BE DRILLED, NOTCHED OR ALTERED IN ACCORDANCE WITH ONS R502.8. R602.6. R602.6. L ≰ R802.7 JCTION OF CLEARANCES WITH SPECIFIED FORMS OF PROTECTION SHALL COMPLY WITH TABLE

9. ALL HEATING & COOLING EQUIPMENT SHALL COMPLY WITH CHAPTER 14.

10. DRYER EXHAUST SYSTEMS SHALL BE INDEPENDENT OF ALL OTHER SYSTEMS, SHALL CONVEY THE MOISTURE TO OUTDOORS & SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING. EXHAUST DUCTS SHALL NOT BE CONNECTED WITH SHEET METAL SCREWS THAT EXTEND INTO THE DUCT. EXHAUST DUCTS MUST BE INSTALLED WITH A BACKDRAFT DAMPER. FLEXIBLE DRYER DUCT. SHALL BE CONNECTED IN 8-FOOT LENGTHS. I . DRYER VENTS TO BE NON-COMBUSTIBLE METAL. MATERIAL \$ LENGTH SHALL COMPLY WITH 2. MIN. DIAMETER OF EXHAUST SHALL BE MANUF. REC. AND SHALL BE AT LEAST THE DIAMETER OF THE

AT LANCE HOODS SHALL DISCHARGE TO THE OUTDOORS THROUGH A SINGLE WALL NON-COMBUSTABLE DUCT. THE DUCT SERVING THE HOOD HAVE A SMOOTH INTERIOR SURFACE, SHALL BE AIR TIGHT & SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER. DUCTS SERVING RANGE HOODS SHALL NOT TERMINATE IN THE ATTIC, CRAWL SPACE OR AREAS INSIDE THE BUILDING. 14. MICROWAVE OVEN INSTALLATION SHALL COMPLY WITH SECTION M I 503 AND CONFORM TO THE FERMS OF THE UPPER APPLIANCE'S LISTING AND LABEL AND THE MANUF. INSTALLATION INSTRUCTIONS.

5. OVERHEAD EXHAUST HOODS SHALL COMPLY WITH SECTION M | 504, METAL HOOD SHALL HAVE A MIN. GAGE OF 28 , AND INSTALLED WITH A MIN. .25" CLEAR BETWEEN THE HOOD AND THE UNDERSIDE OF COMBUSTIBLE MATERIAL OR CABINETS. THE HOOD SHALL BE AT LEAST AS WIDE OF AS THE BROILER AND EXTEND OVER ENTIRE UNIT WITH A VERTICAL CLEARANCE OF 24" MIN. FROM COOKING SURFACE AND THE COMBUSTIBLE MATERIAL OR CABINET.

16. ALL DUCT SYSTEMS SHALL COMPLY WITH CHAPTER 16. DUCT SYSTEM SHALL BE CONSTRUCTED OF MATERIALS HAVING A FLAME-SPREAD INDEX NOT GREATER THAN 200. GALVANIZED DUCT SHALL CONFORM 7. COMBUSTION AIR MUST MEET THE REQUIREMENTS IN CHAPTER 17. THE FURNACE \$ BOILER SHALL GET ITS COMBUSTION AIR FROM INSIDE THE BUILDING & SHALL COMPLY WITH SECTION M L702 B. ALL CHIMNEYS & VENTS SHALL COMPLY WITH CHAPTER 18. ALL CLEARANCES & LOCATIONS ARE NOTED ON THE FLANS.

19. BOILER/WATER HEATER INSTALLATION SHALL COMPLY WITH MANUF. INSTRUCTIONS & CHAPTER 20.

BOILER SHALL HAVE ALL CONTROLS SET, ADJUSTED AND TESTED BY INSTALLER. A COMPLETE CONTROL

DIAGRAM SHALL BE PROVIDED BY INSTALLER.

20. OIL FIRED BOILERS & THEIR CONTROL SYSTEMS SHALL BE LISTED AND LABELED IN ACCORDANCE WITH

ULT 26. ELECTRIC BOILERS SHALL COMPLY WITH UL834. CLEARANCES SHALL BE IN ACCORDANCE WITH

HEIR LISTING & LABEL. ?!. ALL BOILERS SHALL HAVE A VALVE IN THEIR SUPPLY AND RETURN PIPING. ALL BOILERS SHALL BE PROTECTED WITH A LOW WATER CUT-OFF. BOILERS SHALL BE EQUIPPED WITH TEMP. AND PRESSURE GAUGES. PRESSURE RELIEF VALVES SHALL BE PROVIDED.

22. WATER HEATERS SHALL COMPLY WITH SECTION M2005 AND BE INSTALLED AS PER MANUFACTURES INSTALLATION INSTRUCTIONS. INSTALLER SHALL PROVIDE ALL CONTROL DIAGRAM.

23. HYDRONIC PIPING SHALL COMPLY WITH CHAPTER 21. APPROVED PIPING, VALVES, FITTING AND CONNECTIONS SHALL BE INSTALLED AS PER MANUFACTURES INSTALLATION REQUIREMENTS. INSTALLER HALL PROVIDE ALL CONTROL DIAGRAMS

. TYVEK OR APPROVED EQUAL SHALL BE INSTALLED ON THE EXTERIOR OF THE DWELLING. 26. WATER HEATERS SHALL HAVE A HEAT TRAP ON BOTH INLETS AND OUTLETS UNLESS PROVIDED

TRUSS DESIGN DRAWINGS SHALL BE PREPARED IN CONFORMANCE WITH SECTION 802.10.1 AND PROVIDE ALL INFORMATION REQUIRED ON THE DESIGN PLANS. 47. SECTION R802.11: ROOF TIE DOWNS SHALL BE ABLE TO RESIST AN UPLIFT FORCE OF -242 LB/FT

46. SECTION R802.10.1:

ROOF SHEATHING SHALL BE 5/8" THICK AND INSTALLED AS PER SECTION 49. CHAPTER 9:
ALL ROOFING MATERIALS MUST MEET SECTIONS R904 \$ R905. AN ICE BARRIER THAT CONSISTS OF AT LEAST 2
LAYERS OF UNDERLAYMENT CEMENTED TOGETHER OR OF SELF-ADHERING POLYMER MODIFIED BITUMINOUS SHEET
SHALL BE USED IN LIEU OF NORMAL UNDERLAYMENT \$ EXTEND FROM THE EAVES EDGE TO A POINT AT LEAST 24
INCHES INSIDE THE EXTERIOR WALL LINE OF THE BUILDING. ICE SHIELD IS REQUIRED. ASPHALT STRIP SHINGLES

SHALL HAVE 6 FASTENERS PER SHINGLE. L. ALL DUCTWORK TO BE 7" OVAL, 30 GAUGE. 2. ALL BRANCHES TO BE 7" FLEX. 3. SHOP DRAWINGS TO BE PROVIDED TO BLDG. INSPECTOR.

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 mile per hour = 1.609 km/

4. INTERVENING DOORS SHALL HAVE A GAP TO PROVIDE RETURN AIR. 5. HEATING TO BE PROVIDED BY HOT WATER BASEBOARD. 6 NO HVAC SHALL BE INSTALLED AT THIS TIME 7. ALL PORTIONS OF THE AIR DISTRIBUTION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SECTION M I 60 I AND BE INSULATED TO AN INSTALLED RS WHEN SYSTEM COMPONENTS ARE LOCATED WITHIN THE BUILDING BUT OUTSIDE OF CONDITIONED SPACE, R8 WHEN LOCATED WITHIN BUILDING. WHEN LOCATED WITHIN BUILDING ENVELOPE ASSEMBLIES, AT LEAST R8 SHALL BE APPLIED BETWEEN THE DUCT AND THAT PORTION OF THE ASSEMBLY

	TABLE R602.3(1) FASTENER SCHEDULE FOR S		
DESCRIPTION OF BUILDING		SPACING OF	FASTENERS
MATERIALS	DESCRIPTION OF FASTENER ^{b,c,d,e}	Edges (inches)	Intermediate supports c, (inches)
	Other wall sh	eathing h	
½" regular cellulosic fiberboard sheathing	1½ galvanized roofing nail 6d common nail staple 16 ga., 1½ long	3	6
½" structural cellulosic fiberboard sheathing	1½ galvanized roofing nail 8d common nail staple 16 ga., 1½ long	3	6
²⁵ / ₃₂ " structural cellulosic fiberboard sheathing	1¾ galvanized roofing nail 8d common nail staple 16 ga., 1¾ long	3	6
½" gypsum sheathing	1½ galvanized roofing nail; 6d common nail; staple galvanized, 1½ long; 1¼ screws, Type W or S	4	8
1¾ galvanized roofing nail; 8d common nail; staple galvanized, 1⅓ long; 1⅓ screws, Type W or S		4	8
	Wood structural panels, combination sub	ofloor underlayment to framing	
$rac{3}{4}$ " and less	6d deformed nail or 8d common nail	6	12
⁷ ⁄ ₈ - 1	8d common nail or 8d deformed nail	6	12
11/8 - 11/4	10d common nail or 8d deformed nail	6	12

			I	DEAD LOAD = 5	psf	
			2X4	2X6	2X8	2X10
CEILING JOIST SPACING				imum ceiling jois		
(Inches)	SPECIES AND	GRADE	(feet-Inches)	(feet-Inches)	(feet-Inches)	(feet-Inches
12	Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir Hem-fir Hem-fir Southern pine Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	SS #12 3 S #12 #3 S #1 #23	13-2 12-8 12-5 10-10 12-5 12-2 11-7 10-10 12-11 12-8 12-5 11-6 12-2 11-10 11-10	20-8 19-11 19-6 15-10 19-6 19-1 18-2 15-10 20-3 19-11 19-6 17-0 19-1 18-8 18-8	Note ^a Note ^a Note ^a 25-8 20-1 25-8 25-2 24-0 20-1 Note ^a Note ^a 25-8 21-8 25-2 24-7 24-7 20-1	Note ^a Note ^a Note ^a 24-6 Note ^a Note ^a Note ^a Note ^a 24-6 Note ^a Note ^a Note ^a Note ^a 25-7 Note ^a Note ^a 24-6
16	Douglas fir-farch Douglas fir-farch Douglas fir-farch Douglas fir-farch Hem-fir Hem-fir Hem-fir Hem-fir Southern pine Southern pine Southern pine Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	S #123S #1243S #123S #1243S #1243	11-11 11-6 11-3 9-5 11-3 11-0 10-6 9-5 11-9 11-6 11-3 10-0 11-0 10-9 9-5	18-9 18-1 17-8 13-9 17-4 16-6 13-9 18-5 18-1 17-8 14-9 17-4 16-11 16-11	24-8 23-10 23-0 17-5 23-4 22-10 21-9 17-5 24-3 23-1 23-4 18-9 22-10 22-4 22-4 17-5	Note ^a 21-3 Note ^a Note ^a Note ^a Note ^a 122-2 Note ^a Note ^a 22-1 Note ^a Note ^a 21-3

A. ALL NAILS ARE SMOOTH-COMMON, BOX OR DEFORMED SHANKS EXCEPT WHERE OTHERWISE STATED, NAILS USED FOR FRAMING AND SHEATHING CONNECTIONS SHALL HAVE MINIMUM 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 0.142" BUT NOT LARGER THAN 0.177", AND 100 KSI (689 MPA) FOR SHANK DIAMETERS OF 0.142" OR LESS.

B. STAPLES ARE 16 GAGE WIRE AND HAVE A MINIMUM X₆-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.
D. FOUR-FOOT—BY-8-FOOT OR 4-FOOT—BY-9-FOOT PANELS SHALL BE APPLIED VERTICALLY.
E. SPACING OF FASTENERS NOT INCLUDED IN THIS TABLE SHALL BE BASED ON TABLE R602.3(1). F. FOR REGIONS HAVING BASIC WIND SPEED OF 110 MPH OR GREATER, 8D DEFORMED NAILS SHALL BE USED FOR ATTACHING PLYWOOD AND WOOD STRUCTURAL PANEL ROOF SHEATHING TO FRAMING WITHIN MINIMUM 48-INCH DISTANCE FROM GABLE END WALLS, IF MEAN ROOF HEIGHT IS MORE THAN 25 FEET, UP TO 35 FEET MAXIMUM.

G. FOR REGIONS HAVING BASIC WIND SPEED OF 100 MPH OR LESS, NAILS FOR ATTACHING WOOD STRUCTURAL PANEL ROOF SHEATHING TO GABLE END WALL FRAMING SHALL BE SPACED 6 INCHES ON CENTER. WHEN BASIC WIND SPEED IS GREATER THAN 100 MPH, NAILS FOR ATTACHING PANEL ROOF SHEATHING TO INTERMEDIATE SUPPORTS SHALL BE SPACED 6 INCHES ON CENTER FOR MINIMUM 48-INCH DISTANCE FROM RIDGES, EAVES AND GABLE END WALLS; AND 4 INCHES ON CENTER TO GABLE END WALL FRAMING.
H. GYPSUM SHEATHING SHALL CONFORM TO ASTM C 79 AND SHALL BE INSTALLED IN ACCORDANCE WITH GA 253. FIBERBOARD SHEATHING SHALL CONFORM TO ASTM C 208.

I. SPACING OF FASTENERS ON FLOOR SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND AT ALL FLOOR PERIMETERS ONLY. SPACING OF FASTENERS ON ROOF SHEATHING PANEL EDGES APPLIES TO PANEL EDGES SUPPORTED BY FRAMING MEMBERS AND AT ALL ROOF PLANE PERIMETERS. BLOCKING OF ROOF OR FLOOR SHEATHING PANEL EDGES PERPENDICULAR TO THE FRAMING MEMBERS SHALL NOT BE REQUIRED EXCEPT AT INTERSECTION OF ADJACENT ROOF PLANES. FLOOR AND ROOF PERIMETER SHALL BE SUPPORTED BY FRAMING MEMBERS OR SOLID BLOCKING.

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

TABLE 301.2(1)									
GROUND	WIND	SEISMIC		SUBJECT TO DAMAGE FROM			WINTER	ICE SHIELD UNDERLAY-	
SNOW	SPEED(MPH)	DESIGN CATEGORY	WEATHERING	FROST LINE DEPTH	TERMITE	DECAY	DESIGN TEMP	MENT REQUIRED	FLOOD HAZARD
45 PSF	90+ SPECIAL REGION	A-B	SEVERE	36"	MOD. TO HEAV.	5 TO M	5°	24" I.W.	NO

(MAXIMUM HEADER SPANS FOR DOUGLAS FIR-LARCH, HEM-FIR, SOUTHERN PINE \$ SPRUČE-PINE-FIR \$ REQUIRED NUMBER OF JACK STUDS)

a. SPANS ARE GIVEN IN FEET \$ INCHES. . TABULATED VALUES ASSUME #2 GRADE LUMBER

For SI: 1 Inch = 25.4 mm, 1 pound per sc

ONE FLOOR ONL

BUILDING WIDTH IS MEASURED PERPENDICULAR TO THE RIDGE. FOR WIDTHS BETWEEN THOSE SHOWN, SPANS ARE PERMITTED TO BE INTERPOLATED. d. NJ-NUMBER OF JACK STUDS REQUIRED TO SUPPORT EACH END. WHERE THE NUMBER OF REQUIRED JACK STUDS EQUALS ONE, THE HEADERS ARE PERMITTED TO BE SUPPORTED BY AN APPROVED FRAMING ANCHOR ATTACHED TO THE FULL-HEIGHT WALL STUD & TO THE HEADER.

GIRDER SPANS & HEADER SPANS FOR INTERIOR BEARING WALLS

GIRDER SPANS AND HEADER SPANS FOR EXTERIOR BEARING WALLS (Maximum header spans for douglas fir-larch, hem-fir, southern pine and spruce-pine-fir and required number of jack studs GROUND SNOW LOAD (psf) ^e Building width (feet) HEADERS SUPPORTING

b. Tabulated values assume #2 grade lumber. c. Building width is measured perpendicular to the ridge. F d. NJ - Number of jack studs required to support each end by an approved framing anchor attached to the full-heigie. Use 30 pst ground snow load for cases in which ground	. Where the number of r ht wall stud and to the he	equired jack studs equals on eader	e, the header is permitted to be suppor
	TABLE R602.3(1 HEDULE FOR STRU) CTURAL MEMBERS	s equal to or less than 20 psi.
DESCRIPTION OF BUILDING ELEMENTS		NUMBER AND TYPE OF FASTENER ^{a,b,c,d}	SPACING OF FASTENERS
Joist to sill or girder, toe nail		3-8d	_
1" x 6" subfloor or less to each jolst, face nall		2-8d 2 staples, 13/4	_
• •			
2" subfloor to joist or girder, blind and face nall Sole plate to joist or blocking, face nall		2-16d	-
Top or sole plate to stud, end nall		16d 2-16d	16" o.c.
Stud to sole plate to stud, end half		2-160 3-8d or 2-16d	
Double studs, face nall		10d	24" o.c.
Double top plates, face nai		10d	24 0.c.
Sole plate to joist or blocking at braced wall panels		3-16d	16" o.c.
Double top plates, minimum 48-inch offset of end joints, face	nail in lapped		10 0.0.
area		8-16d	-
Blocking between joists or rafters to top plate, toe nail		3-8d	
Rim joist to top plate, toe nail		8d	6" o.c.
Top plates, laps at corners and intersections, face nail		2-10d	_
Built-up header, two pieces with & spacer		16d	16" o.c. along each edge
Continued header, two pieces		16d	16" o.c. along each edge
Celling joists to plate, toe nall		3-8d	
Continuous header to stud, toe nail		4-8d	_
Celling joist, laps over partitions, face nail		3-10d	_
Ceiling joist to parallel rafters, face nail		3-10d	_
Rafter to plate, toe nail		2-16d	_
1" brace to each stud and plate, face nall		2-8d 2 staples, 1 ¾	=
1" x 6" sheathing to each bearing, face nail		2-8d 2 staples, 1 ¾	
1" x 8" sheathing to each bearing, face nall		2-8d 3 staples, 1¾	
Wider than 1" x 8" sheathing to each bearing, face nail		3-8d 4 staples, 1¾	=
Built-up corner studs		10d	24" o.c.
Bullt-up glrders and beams, 2-Inch lumber layers		10d	Nail each layer as follows: 32" o.c. at top and bottom and staggered. Two nails at ends and at each splice.
2" planks		2-16d	At each bearing
Roof rafters to ridge, valley or hip rafters:			
toe nail		4-16d	
face nall		3-16d	_
Rafter tles to rafters, face		3-8d	_
Wood structural panels, subfloor, roof and wall sheathing to fran		ill sheathing to framing	
5√6 - √2 6d common nall (si 8d common nall (ro		6	12 ⁹
¹‰ - 1 8d common nai		6	12 ⁹

TABLE R802.4(1)

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ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS

USE OF UNSEALED COMPLETION THIS DOCUMENT IN

ANY COURT, FINANCIALE ORELAND TRANSACTION, OR HILING WITH ANX PUBLIC MALE OR OFFICE IS AN UNAUTHORIZED USECOND A VIOLATION OF FEDERAL COPYRIGHT LAWS.

OR ENGINEER SHALL NOT BE VALID.

CERTIFICATIONS ARE NOT TRANSFERABLE TO

			R COMMON LUM	IBER SPECIES 20 psf, $L/\Delta = 240$)			
	1		DEAD LOAD = 5 psf				
			2X4	2X6	2X8	2X10	
CEILING JOIST SPACING			Max	imum ceilina ioist	spans		
(Inches)	SPECIES AND	GRADE	(feet-Inches)	(feet-Inches)	(feet-Inches)	(feet-Inches)	
12	Douglas fir-larch Douglas fir-larch Douglas fir-larch Douglas fir-larch Hem-fir Hem-fir Hem-fir Hem-fir Southern pine Southern pine Southern pine Southern pine Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir Spruce-pine-fir	S6 #1 #3 S #1 #2 3 S #1 #3 S #1 #4 #3 S #1 2 #5 S #1 #4 #3 S #1 2 #5 S #1 #4 #3 S #1 #4 #3 S #1 #4 #3 S #1 #4 #3 S #1 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	13-2 12-8 12-8 12-5 10-10 12-5 11-7 10-10 12-11 12-8 12-5 11-6 12-2 11-10 11-10	20-8 19-11 19-6 15-10 19-6 19-1 18-2 15-10 20-3 19-11 19-6 17-0 19-1 18-8 18-8	Note ^a Note ^a Note ^a 25-8 20-1 25-8 20-1 Note ^a Note ^a Note ^a 25-2 24-7 24-7 24-7 20-1	Note ^a Note ^a Note ^a Note ^a 24-6 Note ^a Note ^a Note ^a Note ^a 24-6 Note ^a	
16	Douglas fir-farch Douglas fir-farch Douglas fir-farch Douglas fir-farch Hem-fir Hem-fir Hem-fir Southern pine Sout	SS #1 #2 #3 SS #1 #2 #3 \$5 #1 #2 #3 #4 #2 #3 #4 #4 #3 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4 #4	11-11 11-6 11-3 9-5 11-0 10-6 9-5 11-9 11-6 11-3 10-0 10-9 9-5	18-9 18-1 17-8 13-9 17-4 16-6 13-9 18-5 18-1 17-8 14-9 17-4 16-11 13-9	24-8 23-10 23-0 17-5 23-4 22-10 21-9 17-5 24-3 23-1 23-4 18-9 22-10 22-4 22-4 17-5	Note a Note a Note a 21-3 Note a Note a 21-3 Note a Note a Note a Note a Note a Note a Note a Note a Note a Note a	

NOTES TAX LOT #3.1-95-7

(PE OF SUPPORTS FOR THE SIDING MATERIAL AND FASTENERS^{b,c}

Note g Note g 6d box nail 6d b

Fastener penetration into stud-1"

 %
 Note g
 Note g
 6d box nall
 8d box nall
 8d box nall
 8d box nall
 6d box nall
 6d box nall

 %
 Note g
 Note g
 0.099 nail-2" nail-2" nail-2" nail-2" nail-2" nail-2" nail-2" nail-2" nail-2"
 6"

C. STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF X_0 -INCH OUTSIDE DIAMETER AND BE MANUFACTURED OF MINIMUM NO. 16 GAGE WIRE.
D. NAILS OR STAPLES SHALL BE ALUMINUM, GALVAIZED. OR RUIST-PREVENTIVE COATED AND SHALL BE DRIVEN IN TO THE STUDS FOR FIBERBOARD OR GYPSUM BACKING
E. ALUMINUM, 0.019 INCH). SHALL BE UNBACKED ONLY WHEN THE MAXIMUM PANEL WIDTH IS 10 INCHES AND THE MAXIMUM FLAT RAFE AS 8 INCHES. THE TOLERANCE FOR

STUDS, ONE-HALF-INCH
PLYWOOD SHALL NOT BE APPLIED DIRECTLY TO STUDS SPACED GREATER THAN 24 INCHES ON CENTER, THE STUD SPACING SHALL NOT EXCEED THE PANEL SPAN RATING

Maximum rafter spans d

(feet - | (f

NAMUFACTURER UNLESS THE PANELS ARE INSTALLED WITH THE FACE GRAIN PERPENDICULAR TO STUDS OR OVER SHEATHING APPROVED FOR THAT STUD SPACING.

BAFTER SPANS FOR COMMON LUMBER SPECIES

Lap No

Lap No

¾ MIn

¹⅓₃₂ Average

(inches) SPECIES AND GRADE

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 pound per square foot = 0.0479 kN/m

The tabulated rafter spans assume that ceiling joists are located at the bottom of the attic space or that some other method of resisting the outward push of the rafte on the bearing walls, such as rafter ties, is provided at that location. When ceiling joists or rafter ties are located higher in the attic space, the rafter spans shall be multibled by the factors given below:

H_C/H_R Rafter Span Adjustment Factor
2/3 or greater

0.024 Lap No

Siding vertical

Wood ^lRust**i**c, drop

TOKARSKI 12 IRVING PLACE

LOCATED IN THE GREENBURGH TOWN OF DOBBS FERRY WESTCHESTER COUNTY, NEW YORK

PAUL GDANSKI, PE, PLLC 25 RIVERSIDE DRIVE

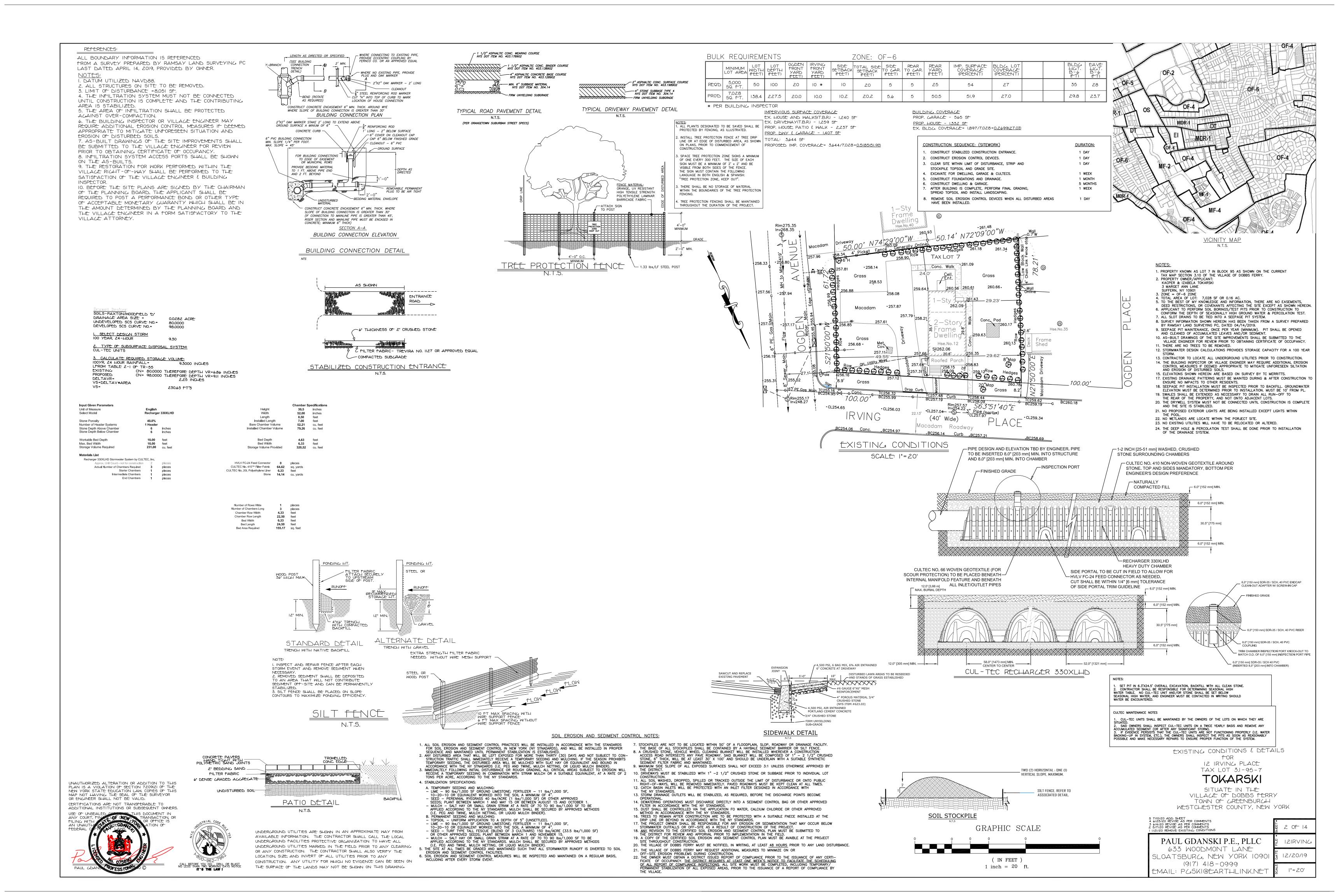
SUFFERN, N.Y. 10901

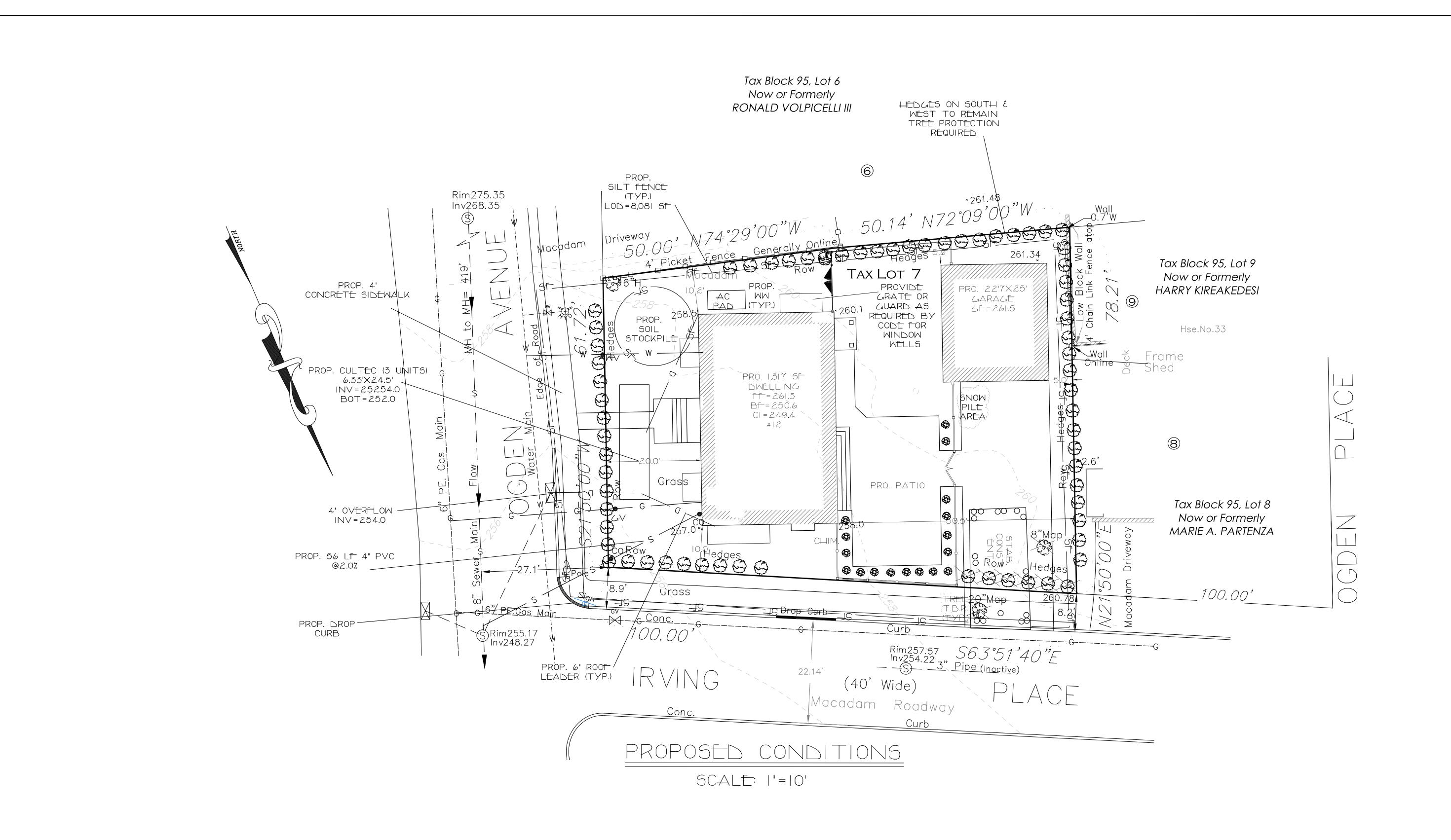
TEL: (917) 418-0999

₹DEC 20, 2019 AS SHOWN

§ 1 OF 14

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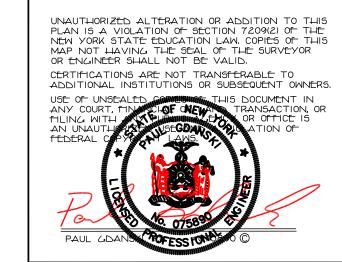


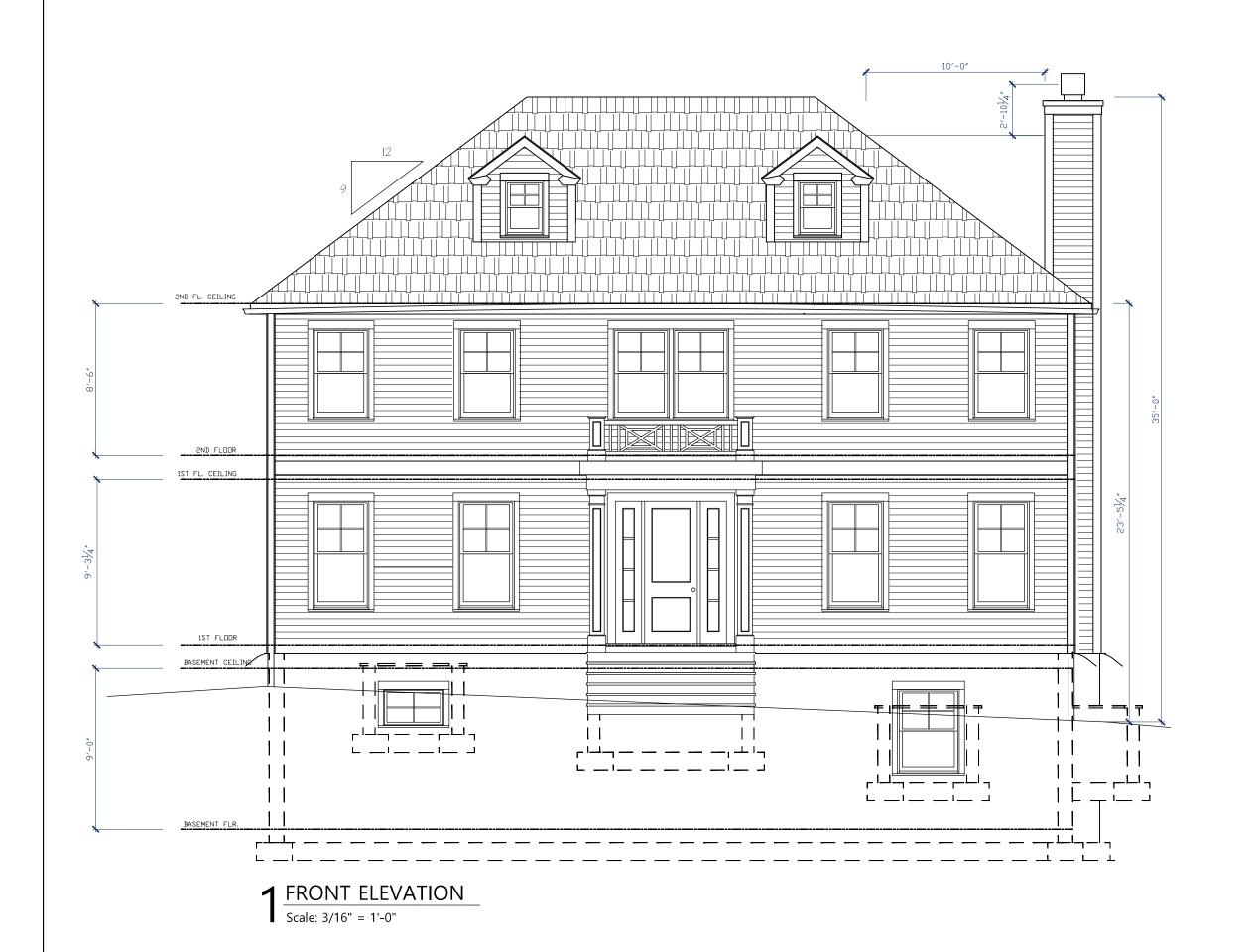
PLOT PLAN FOR 12 IRVING PLACE TAX LOT 3.1-95-7

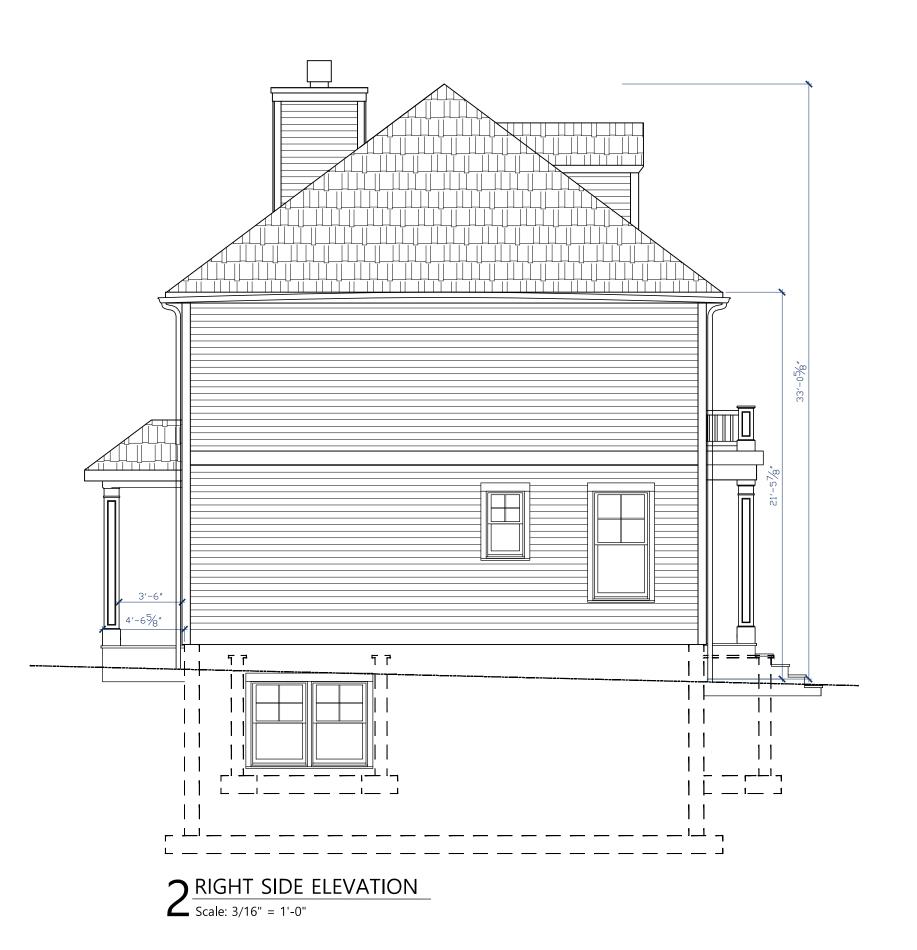
TOKARSKI

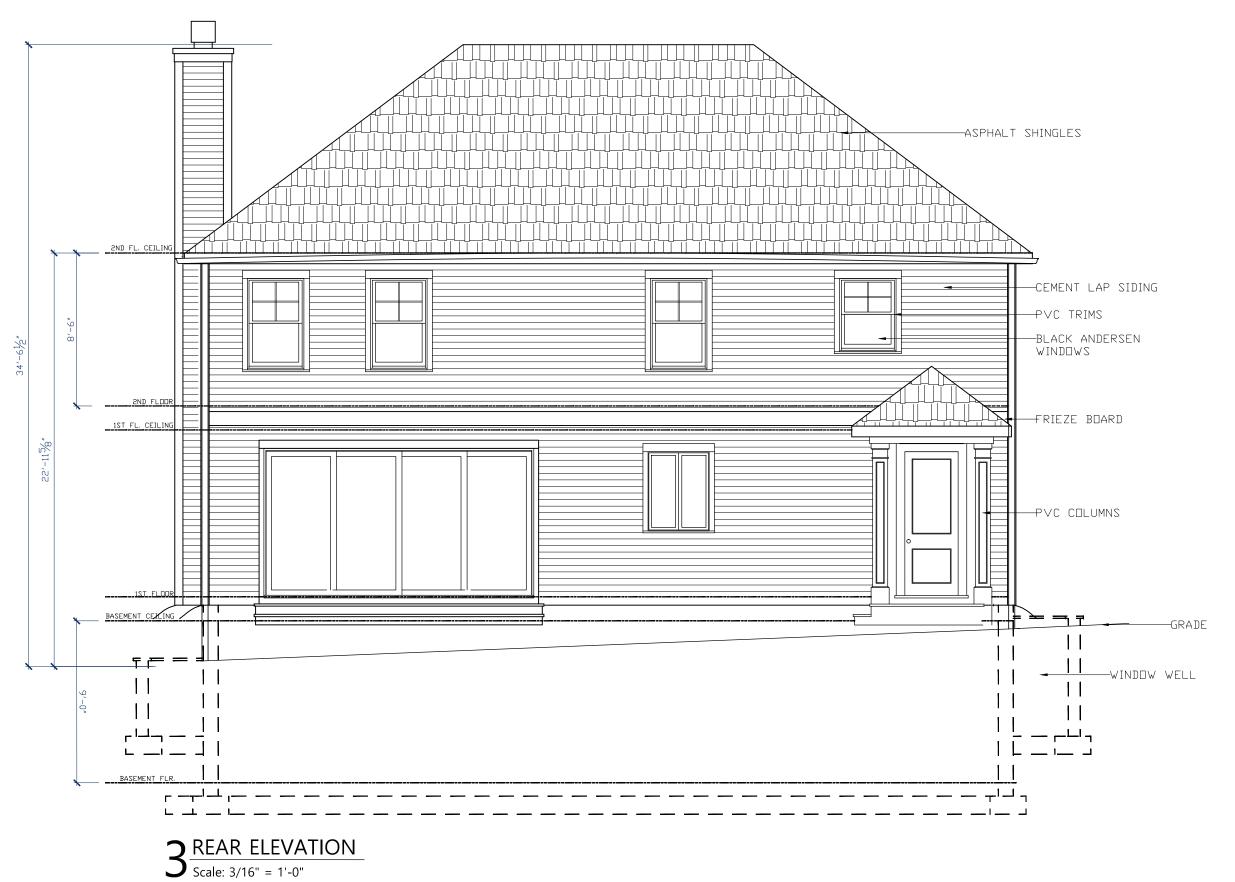
SITUATE IN THE VILLAGE OF DOBBS FERRY TOWN OF GREENBURGH WESTCHESTER COUNTY, NEW YORK

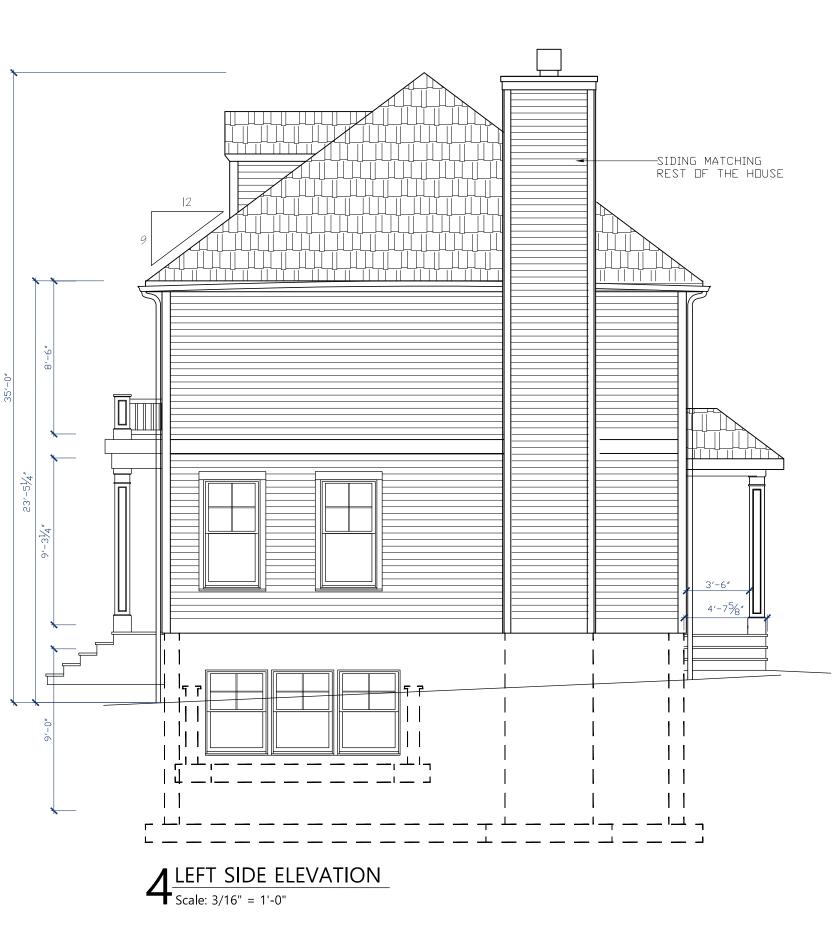
1 7/15/20 ADJUST LANDING	# 3 OF 14
PAUL GDANSKI P.E., PLLC	# # IZIRVING
633 WOODMONT LANE SLOATSBURG, NEW YORK 10901	# 12/20/19
(917) 418-0999 EMAIL: PGSKI@EARTHLINK.NET	1 = 1 O,





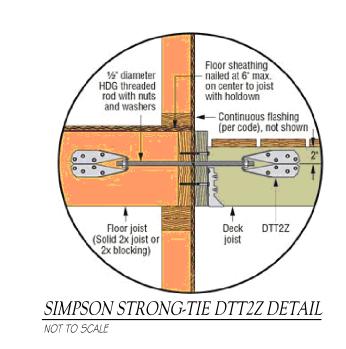






WINDOWS SCHEDULE

		REQUIRED		PROV		
ROOM NAME	AREA (SQ FT)	LIGHT (SQ FT) 8% OF FLOOR AREA	VENT (SQ FT) 4% OF FLOOR AREA	LIGHT (SQ FT)	VENT (SQ FT)	CEILING HEIGHT (FT)
STUDY	149.5	11.96	5.98	33.51	18.60	9'3-1/4"
POWDER ROOM	24.1	1.93	0.96	4.73	2.79	9'3-1/4"
KITCH., LIV. ROOM, \$ DINING ROOM	846.0	67.68	33.84	147.95	118.43	9'3-1/4"
MASTER BEDROOM	195.0	15.60	7.80	22,34	12.40	8'6"
BEDROOM I	121.2	9.70	4.85	11.17	6.20	8'6"
BEDROOM 2	187.4	14.99	7.50	22.34	12.40	8'6"
BEDROOM 3	187.1	14.97	7.48	22.34	12.40	8'6"
MASTER BATH	103.3	8.26	4.13	8.59	4.79	8'6"
PLAYROOM (BASE.)	582.0	46.56	23.28	46.56	25.64	9'0"
BEDROOM (BASE.)	202.6	16.21	8.10	20.62	11.46	9'0"



	WINDOW	EGRESS SIZE	REQUIRED		PROVIDED		PROVIDED			
NO.	MODEL	AREA (SQ FT) (5.70 SQ FT)	HEIGHT (mın.)	WIDTH (min.)	HEIGHT	WIDTH	LIGHT	VENT	QUANTITY	LOCATION
АІ	CN245	2.3	24"	20"	47-15/16"	10-13/16"	10.7	9.6	1	KITCHEN
A2	DH2036	2.77	24"	20"	18-1/4"	21-7/8"	4.73	2.79	1	POWDER ROOM
А3	DH30410	6.17*	24"	20"	26-1/4"	33-7/8"	11.17	6.20	9	2ND FLOOR BEDROOMS
A4	DH3046	5.7*	24"	20"	24-1/4"	33-7/8"	10.31	5.73	4	GARAGE IST FL, BSMT BED
A5	DH20210	2.16	24"	20"	14-1/4"	33-7/8"	3.68	2.18	2	ATTIC DORMERS
A6	DH30510	7.58*	24"	20"	32-1/4""	21-7/8"	13.75	7.61	7	IST FLOOR
A7	AXW4 I	2.0	24"	20"	6-1/2""	43-3/8"	9.50	2.0	3	GARAGE
A8	DH3446*	6.37*	24"	20"	24-1/4"	33-7/8"	11.64	6.41	4	BSMT PLAYROOM
A9	A351	1.6	24"	20"	6-3/8"	36-3/16"	4.9	1.6	1	BMST. STORAGE
AIO	DH30310	4.76	24"	20"	20-1/4"	33-7/8"	4.9	1.6	1	MASTER BATHROOM

* EGRESS WINDOW

EXTERIOR DOORS SCHEDULE

_							
	NO.	MATERIAL	SPECIFICATION			JAMB	LOCATION
	DI	WOOD	'6" X 8'0" SIDE (4) LITE / 3'0" X 8'0" DOOR (2) PANEL / '6" X 8'0" SIDE (4) LITE		LHIS	6-7/8"	FRONT DOOR
	D2	WOOD	3'0" X 8'0" (2) PANEL WOOD		LHIS	6-7/8"	MUD ROOM
	D3	CLAD	ANDERSEN 4 PANEL SLIDER 15'0" W x 8'1" H		OCKET	1'2-5/8"	LIVING ROOM
	D4	MAN MADE	9'0" W X 8'0" H PANELED GARAGE DOOR			6-7/8"	GARAGE
	D5	MAN MADE	3'0" X 6'8" 2 PANEL DOOR		LHIS	6-7/8"	GARAGE

FINISH SCHEDULE

	MATERIAL	SPECIFICATIONS	COLOR
SIDING	FIBER CEMENT LAP SIDING	ALLURA SMOOTH LAP SIDING; 6-1/4" CEMENT BOARDS; 5" EXPOSURE	STERLING GRAY
ROOFING	ASPHALT SHINGLES	GAF TIMBERLINE HD 30 YEAR ASPHALT SHINGLES	PEWTER GRAY
EXT. TRIMS	PVC BOARD	TRIM DETAIL SHOWN ON DRAWING	TBD (WHITE-ISH)
WINDOWS	CLAD OVER WOOD	ANDERSEN WOODWRIGHT DOUBLE HUNG; 4 OVER 1; SDL	BLACK



SIDING



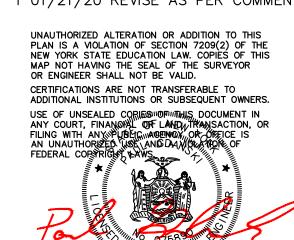


WINDOWS

SHINGLES

INITIALS

4 6/25/20 REVISE AS PER COMMENTS 3 6/04/20 REVISE AS PER COMMENTS 2 5/07/20 REVISE AS PER COMMENTS 1 01/21/20 REVISE AS PER COMMENTS



FOR
TAX LOT #3.1-95-7

TOKARSKI

12 IRVING PLACE
LOCATED IN THE
GREENBURGH
TOWN OF DOBBS FERRY
WESTCHESTER COUNTY, NEW YORK

HOUSE ELEVATIONS

PAUL GDANSKI, PE, PLLC

25 RIVERSIDE DRIVE
SUFFERN, N.Y. 10901

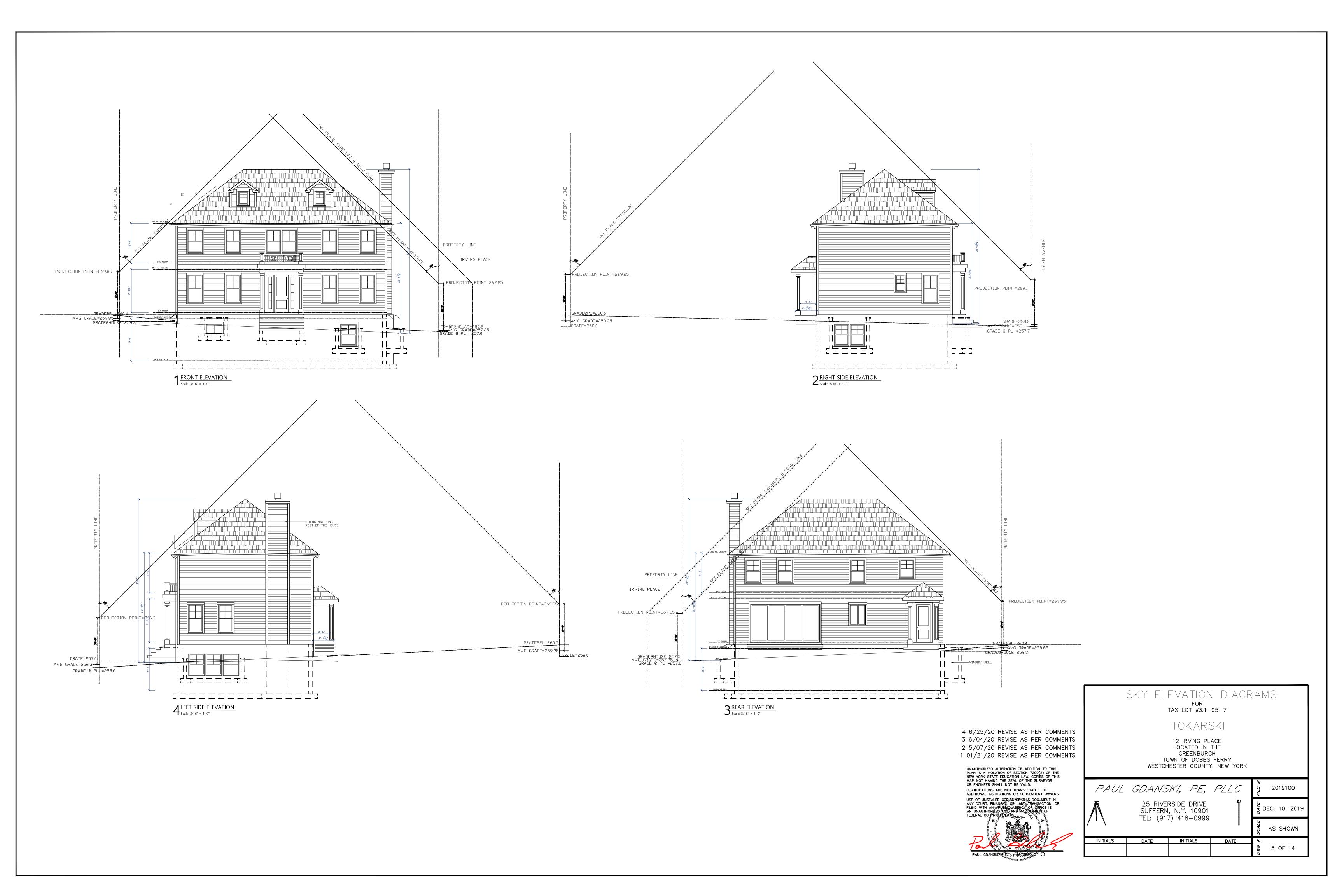
25 RIVERSIDE DRIVE SUFFERN, N.Y. 10901 TEL: (917) 418-0999

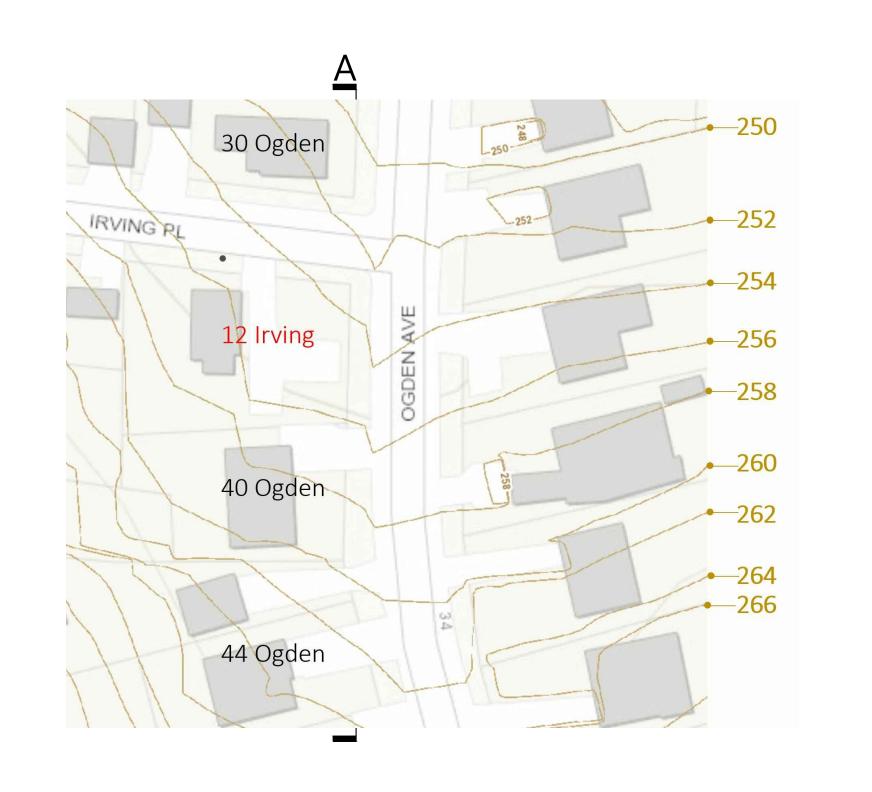
DATE INITIALS DATE

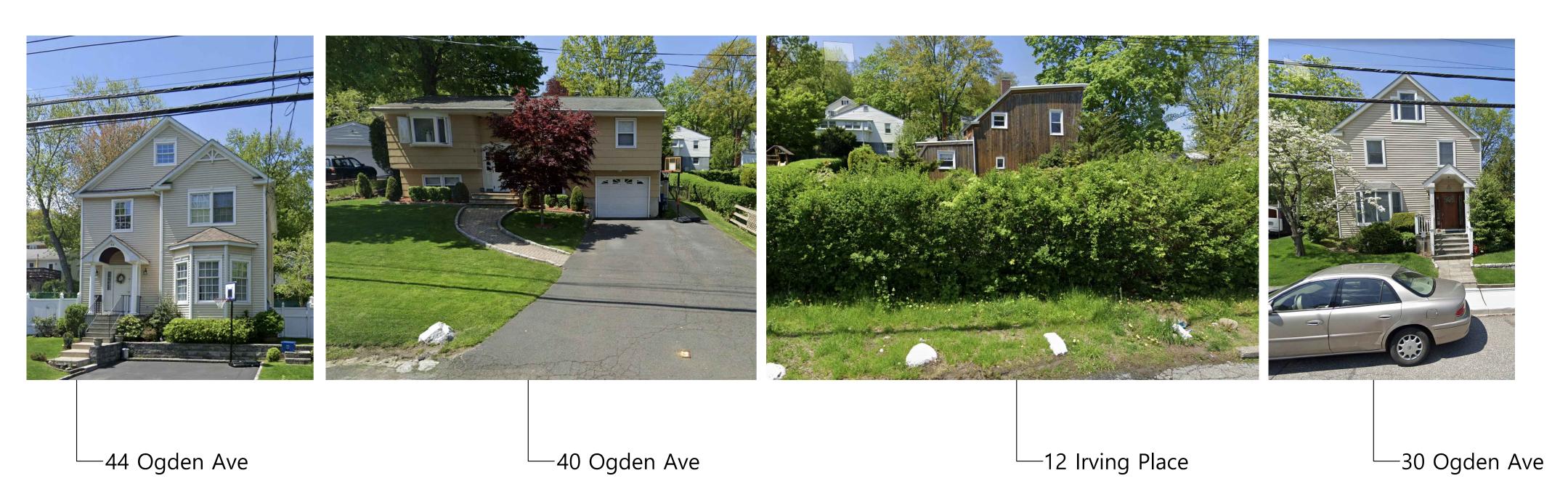
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4 of 14

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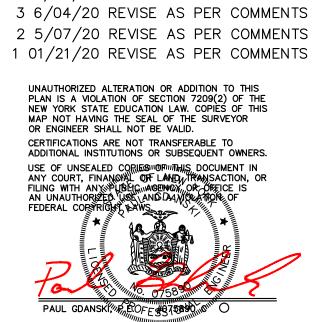








STREET VIEW
Scale: N.T.S



4 6/25/20 REVISE AS PER COMMENTS

STREET VIEW

FOR
TAX LOT #3.1-95-7

TOKARSKI

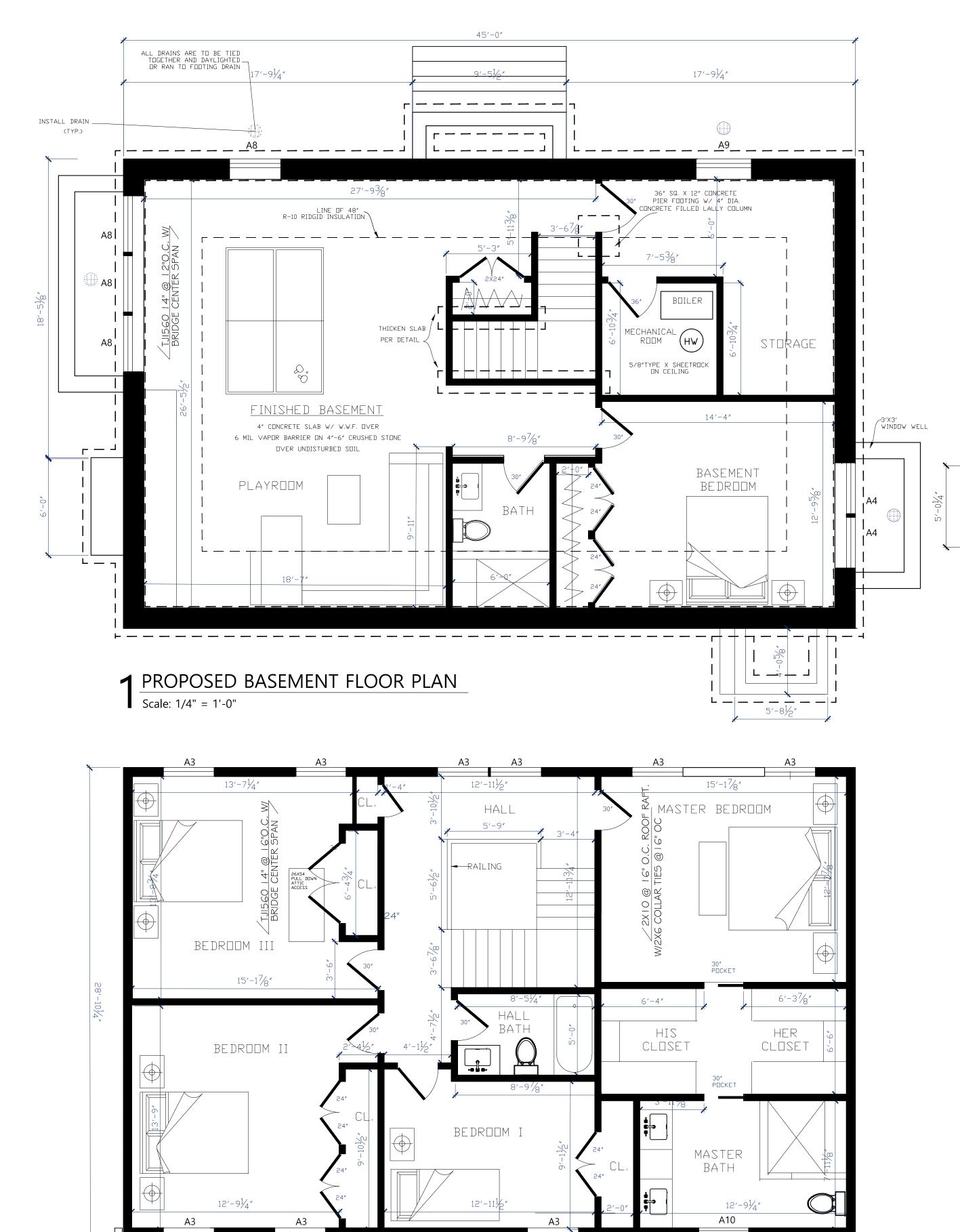
12 IRVING PLACE
LOCATED IN THE
GREENBURGH
TOWN OF DOBBS FERRY
WESTCHESTER COUNTY, NEW YORK

PAUL GDANSKI, PE, PLLC

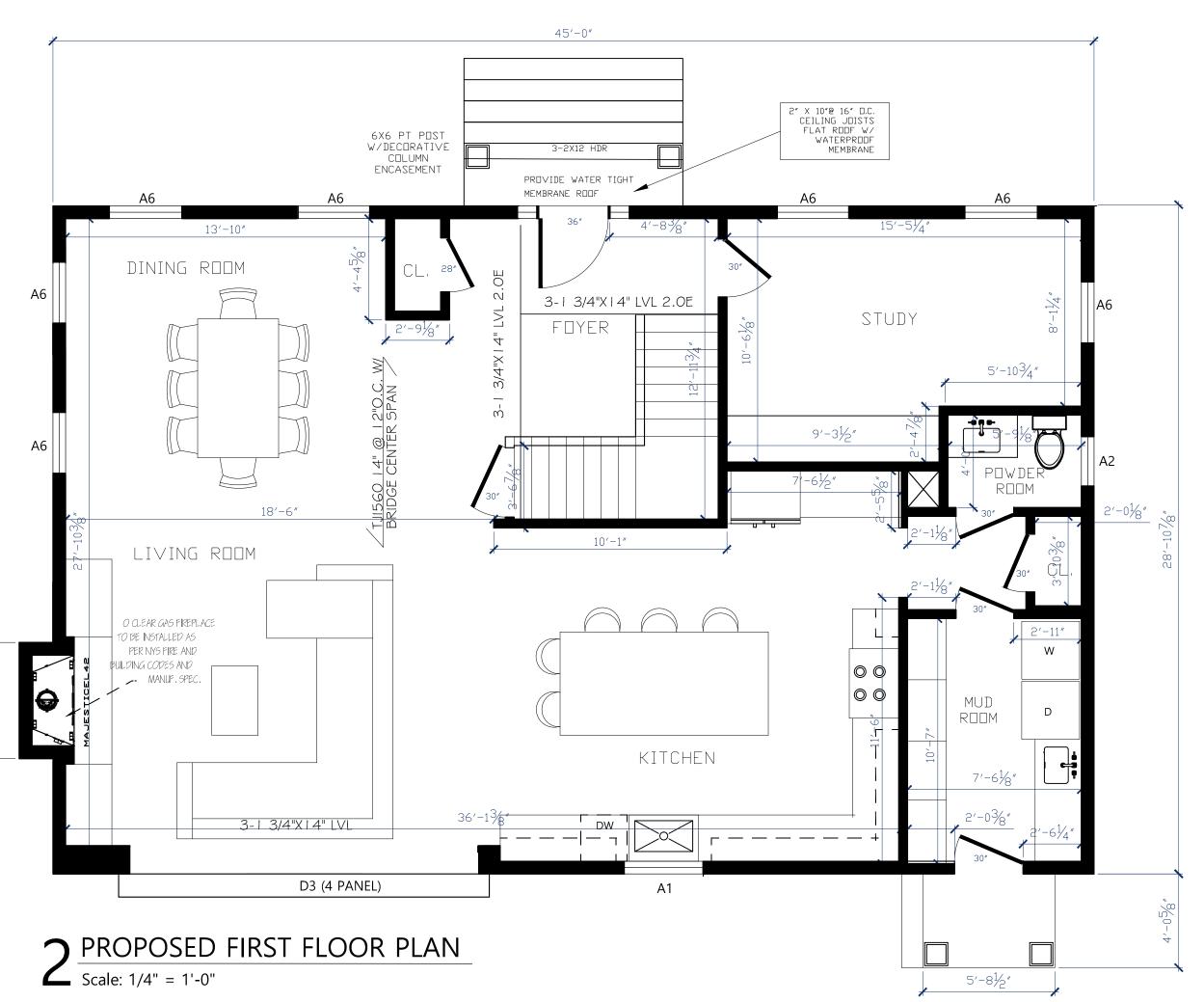
25 RIVERSIDE DRIVE
SUFFERN, N.Y. 10901
TEL: (917) 418-0999

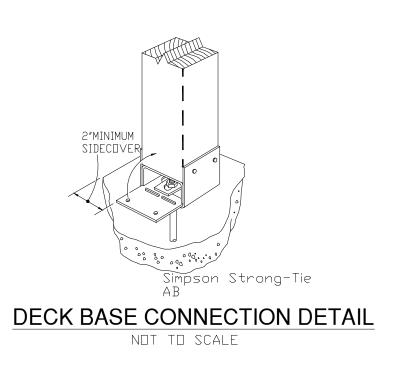
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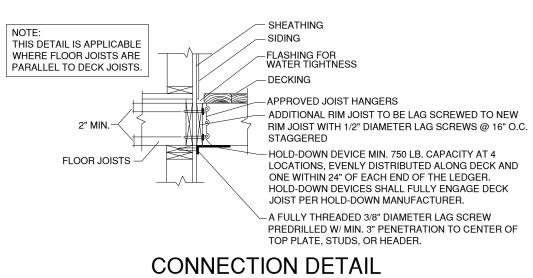
§ 6 OF 14



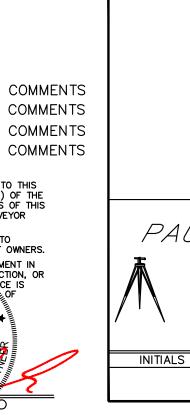
 $\frac{\text{PROPOSED SECOND FLOOR PLAN}}{\text{Scale: } 1/4" = 1'-0"}$

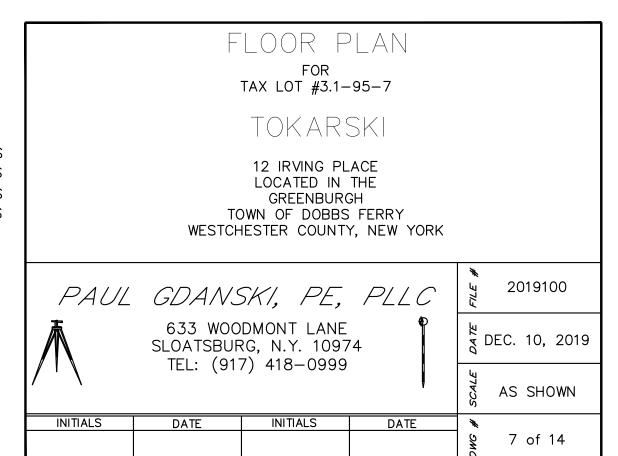






SCALE: NOT TO SCALE

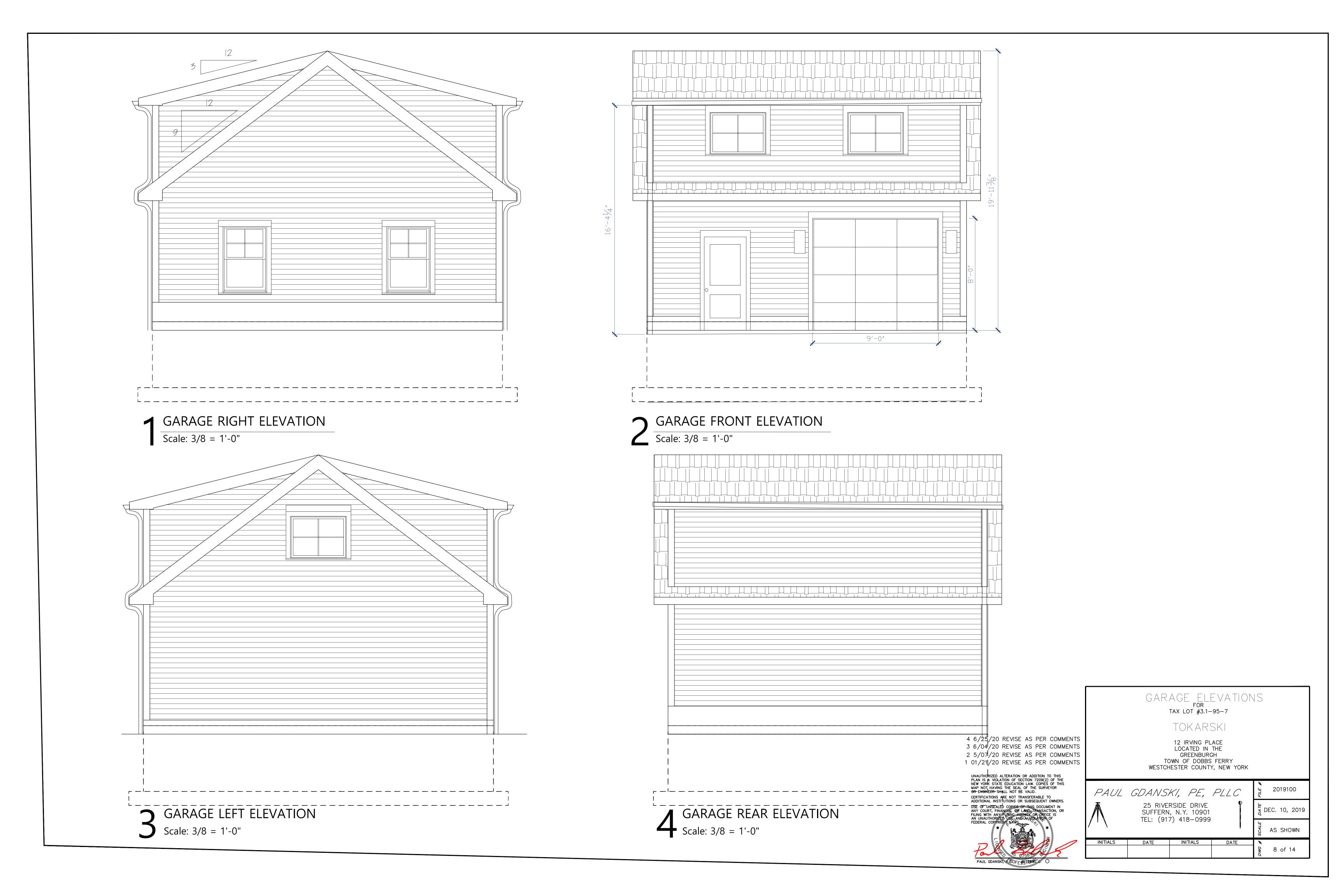


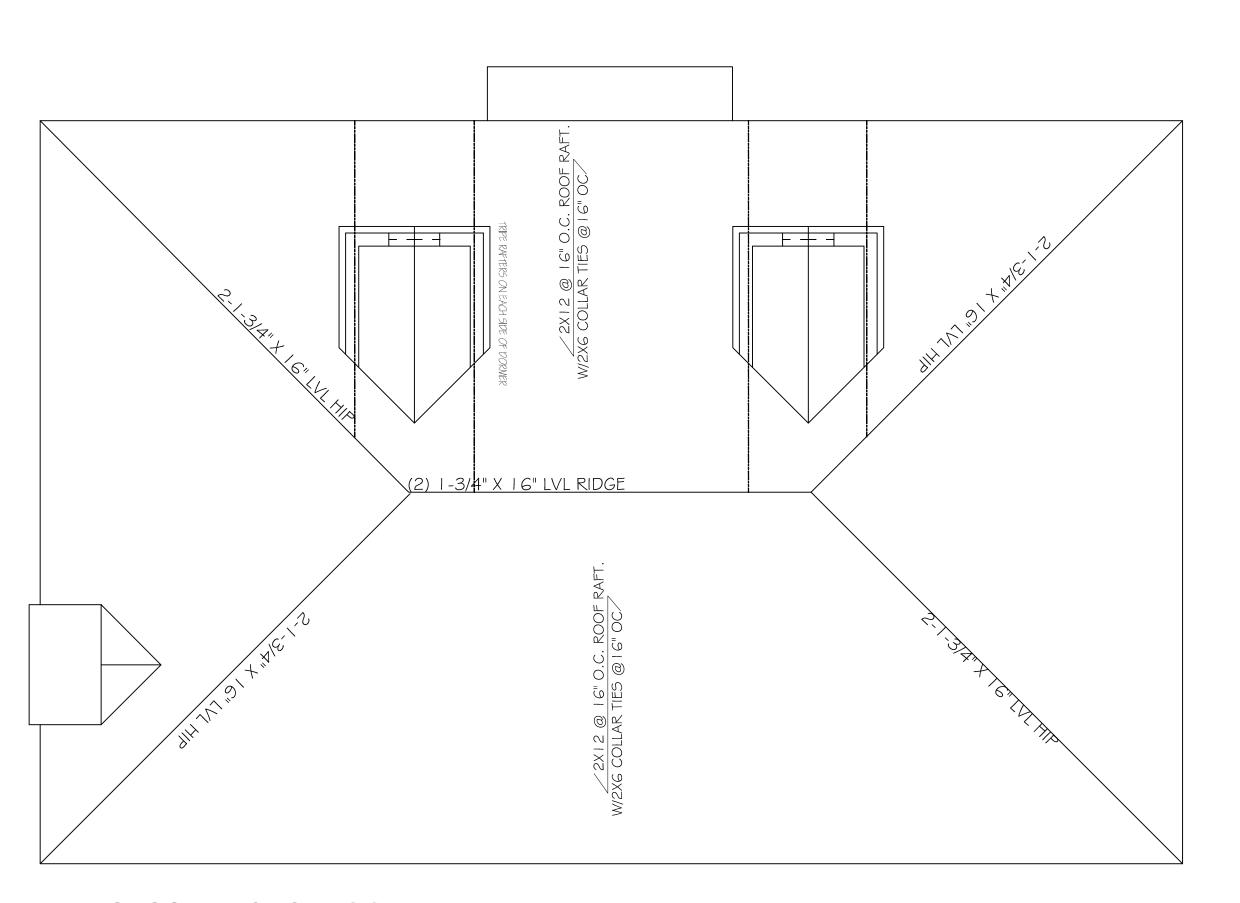


4 6/25/20 REVISE AS PER COMMENTS 3 6/04/20 REVISE AS PER COMMENTS 2 5/07/20 REVISE AS PER COMMENTS 1 01/21/20 REVISE AS PER COMMENTS

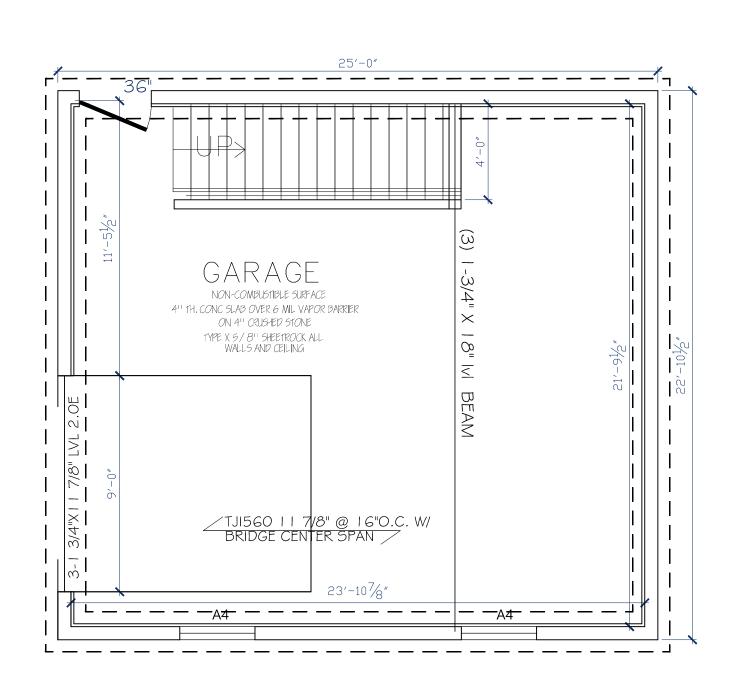
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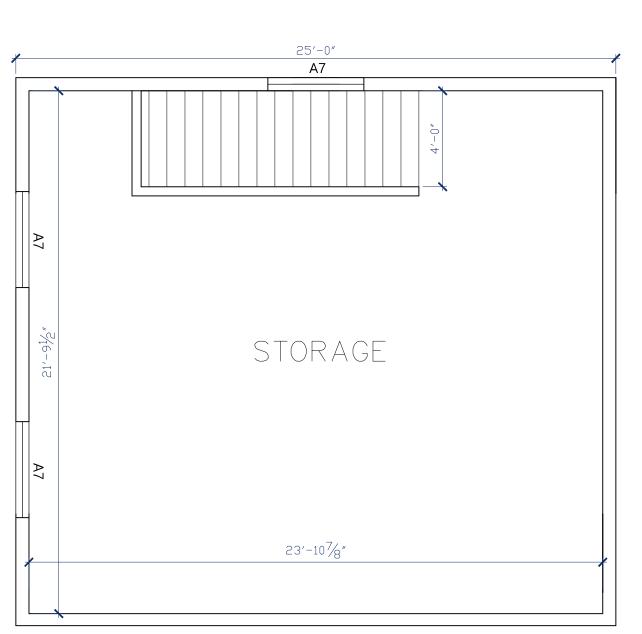
■ PROPOSED HOUSE ROOF PLAN Scale: 1/4" = 1'-0"



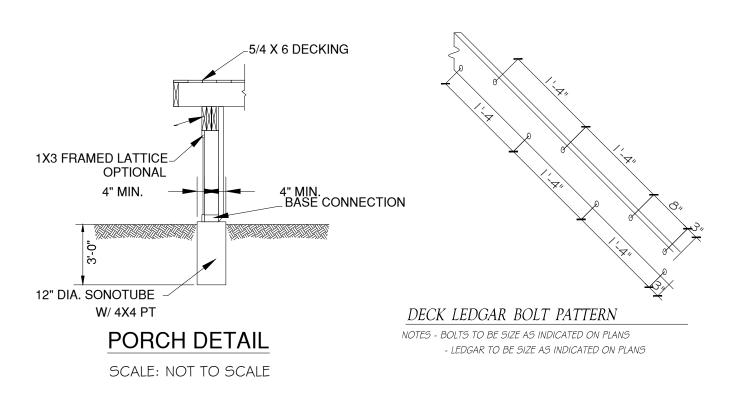
PROPOSED GARAGE 1ST FLOOR PLAN

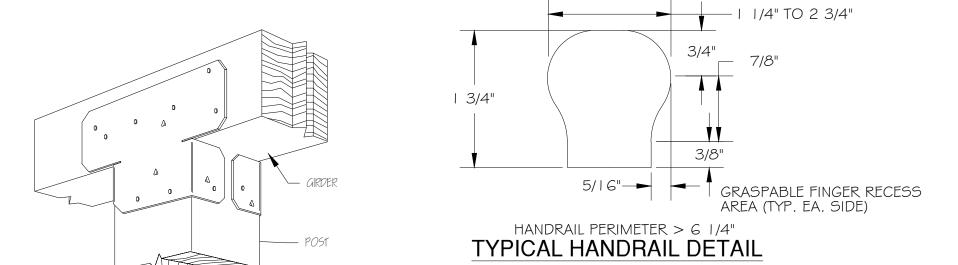
| Scale: 1/4" = 1'-0"

 $\frac{\text{PROPOSED GARAGE 2ND FLOOR PLAN}}{\text{Scale: } 1/4" = 1'-0"}$





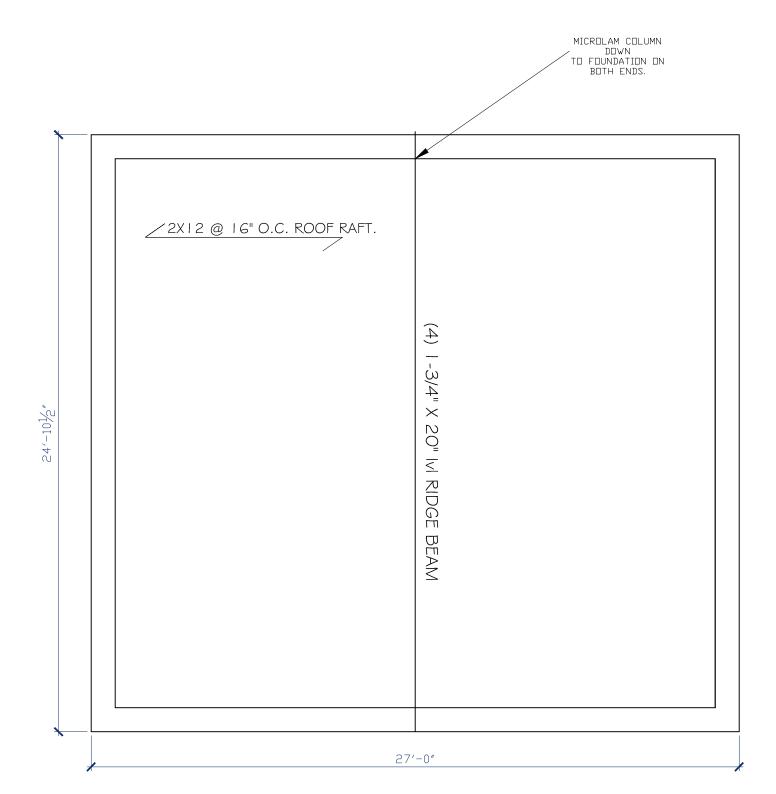




— DPEN GUARDRAILS AND DPEN HANDRAILS ON DECKS AND STAIRWAYS MORE THAN 30 INCHES ABOVE GRADE OR A FLOOR BELOW SHALL HAVE MEMBERS SPACE SO THAT A 4 INCH DIAMETER SPHERE CANNOT PASS THROUGH. **DECK POST CONNECTION DETAIL** NOT TO SCALE <u>Stairway notes:</u> 1. stairways shall not be less than 36" in 36″ MIN. HEIGHT— 2. STAIRWAY RISES SHALL NOT BE GREATER THAN 8 3. STAIRWAY TREADS SHALL HAVE A MINIMUM RUN DECK FLOOR 4. THE LENGTH OF RUN AND HEIGHT OF RISER
SHALL NOT VARY MORE THAN 3/8" IN THE ENTIRE
RUN OF STAIR.
5. OPEN RISERS PERMITTED IF OPENING IS LESS

6. MINIMUM 3/4″ N□SING. GUARDRAIL REQUIRED IF MORE THAN 30" SCALE: NOT TO SCALE

SCALE: NOT TO SCALE





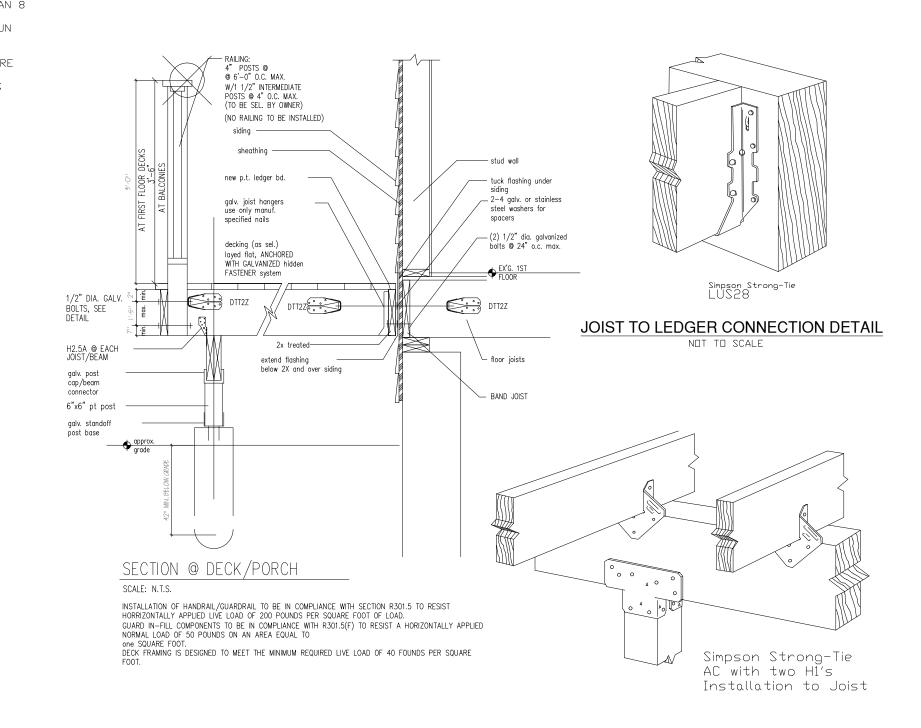
WINDOWS SCHEDLIE

WINDOWS SCHEDULE							
		REQL	JIRED	PROV			
ROOM	AREA	LIGHT (SQ FT)	VENT (SQ FT)	LIGHT	VENT	CEILING HEIGHT	
NAME	(SQ FT)	8% OF FLOOR AREA	4% OF FLOOR AREA	(SQ FT)	(SQ FT)	(FT)	
STUDY	149.5	11.96	5.98	33.51	18.60	9'3-1/4"	
POWDER ROOM	24.1	1.93	0.96	4.73	2.79	9'3-1/4"	
KITCH., LIV. ROOM, \$ DINING ROOM	846.0	67.68	33.84	147.95	118.43	9'3-1/4"	
MASTER BEDROOM	195.0	15.60	7.80	22,34	12.40	8'6"	
BEDROOM I	121.2	9.70	4.85	11.17	6.20	8'6"	
BEDROOM 2	187.4	14.99	7.50	22.34	12.40	8'6"	
BEDROOM 3	187.1	14.97	7.48	22.34	12.40	8'6"	
MASTER BATH	103.3	8.26	4.13	8.59	4.79	8'6"	
PLAYROOM (BASE.)	582.0	46.56	23.28	46.56	25.64	9'0"	
BEDROOM (BASE.)	202.6	16.21	8.10	20.62	11.46	9'0"	
	l	I				ı	

	WINDOW	EGRESS SIZE	REQL	JIRED	PROV	'IDED	PROV	IDED		
NO.	MODEL	AREA (SQ FT) (5.70 SQ FT)	HEIGHT (mın.)	WIDTH (min.)	HEIGHT	WIDTH	LIGHT	VENT	QUANTITY	LOCATION
ΑΙ	CN245	2.3	24"	20"	47-15/16"	10-13/16"	10.7	9.6	1	KITCHEN
A2	DH2036	2.77	24"	20"	18-1/4"	21-7/8"	4.73	2.79	1	POWDER ROOM
АЗ	DH30410	6.17*	24"	20"	26-1/4"	33-7/8"	11.17	6.20	9	2ND FLOOR BEDROOMS
A4	DH3046	5.7*	24"	20"	24-1/4"	33-7/8"	10.31	5.73	4	GARAGE IST FL, BSMT BED
A5	DH20210	2.16	24"	20"	14-1/4"	33-7/8"	3.68	2.18	2	ATTIC DORMERS
AG	DH30510	7.58*	24"	20"	32-1/4""	21-7/8"	13.75	7.61	7	IST FLOOR
Α7	AXW41	2.0	24"	20"	6-1/2""	43-3/8"	9.50	2.0	3	GARAGE
A8	DH3446*	6.37*	24"	20"	24-1/4"	33-7/8"	11.64	6.41	4	BSMT PLAYROOM
A9	A351	1.6	24"	20"	6-3/8"	36-3/16"	4.9	1.6	1	BMST. STORAGE
AIO	DH30310	4.76	24"	20"	20-1/4"	33-7/8"	4.9	1.6	1	MASTER BATHROOM

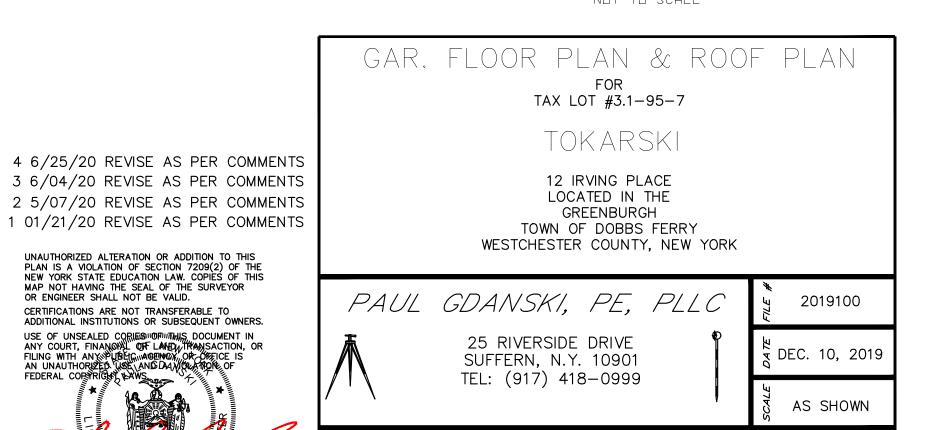
* EGRESS WINDOW

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JOIST TO GIRDER CONNECTION DETAIL

9 of 14



PLANTING SCHEDULE

NO.	PLANT NAME	SYMBOL
	HOSTA ROOTS	
2	HYDRANGEA	
3	BOXWOOD	
4	SUNSHINE LIGUSTRUM	
5	WEEPING CHERRY TREE	
6	JAPANESE MAPLE TREE	777
7	GOLD MOP CYPRESS	
8	PEONY ROOTS	
9	DWARF ALBERTA SPRUCE	
10	GLOBE BLUE SPRUCE	*
11	WALKER'S LOW CATMINT	*

EXTERIOR LIGHTING SCHEDULE

BRAND	LIGHTING	SPECIFICATIONS	FINISH	STYLE	LOCATION
BAYTREE LANE	14 WATT LED	LED, 11"WX9-3/4"H	OILED BRONZE	WALL MOUNTED FIXTURE	BY FRONT, GARAGE, PATIO DOORS

^{*}All exterior lighting comply with section 300-41



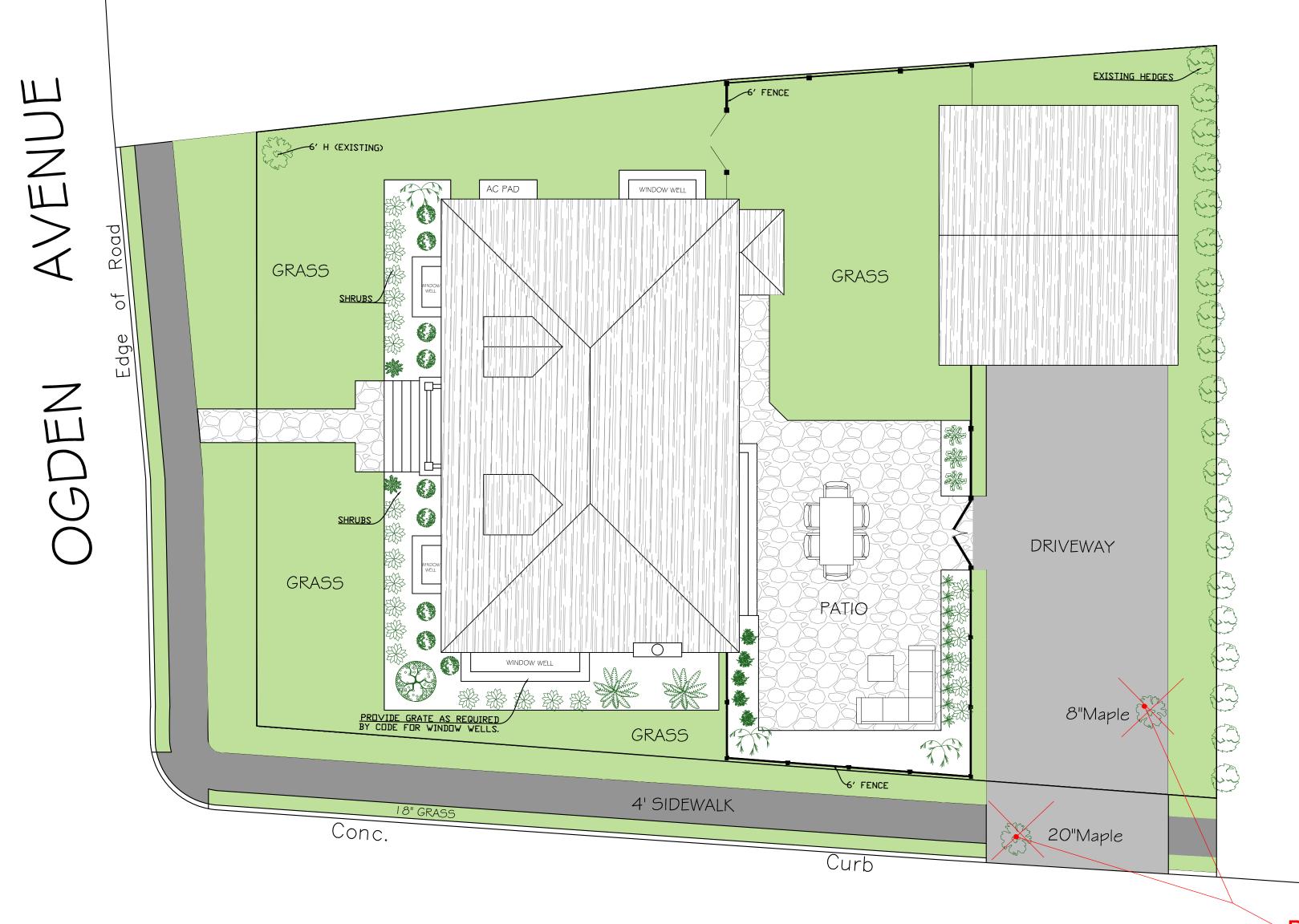
EXTERIOR LIGHTS

BACKYARD FENCE

SPECIFICATIONS	FINISH	STYLE
7' H WOOD FENCE WITH LATTICE TOP	NATURAL	AS SHOWN



OUTDOOR FENCE



IRVING

REMOVE

PLACE

4 6/25/20 REVISE AS PER COMMENTS 3 6/04/20 REVISE AS PER COMMENTS 2 5/07/20 REVISE AS PER COMMENTS 1 01/21/20 REVISE AS PER COMMENTS

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TOKARSKI

12 IRVING PLACE
LOCATED IN THE
GREENBURGH
TOWN OF DOBBS FERRY
WESTCHESTER COUNTY, NEW YORK

LANDSCAPING PLAN

FOR TAX LOT #3.1-95-7

PAUL GDANSKI, PE, PLLC

25 RIVERSIDE DRIVE
SUFFERN, N.Y. 10901
TEL: (917) 418-0999

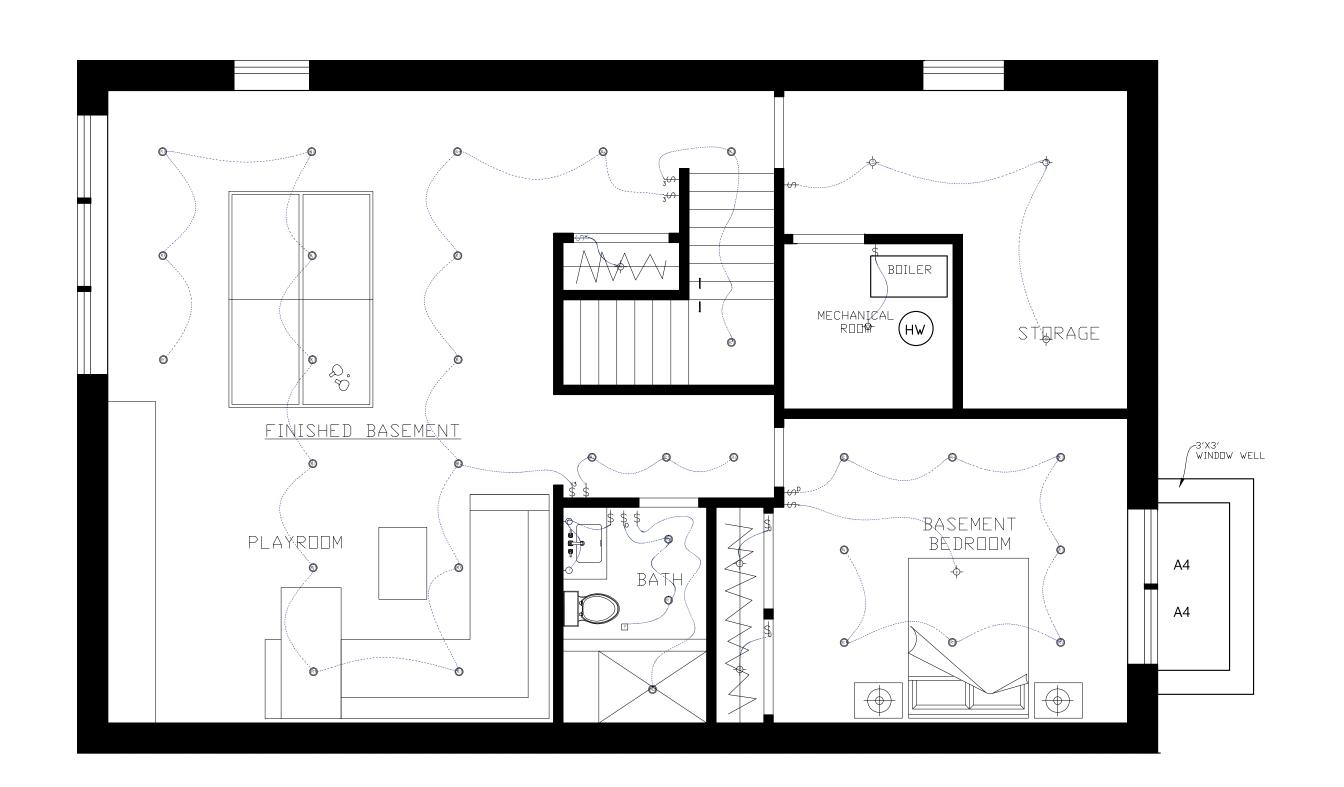
DEC. 10, 2019

WAS SHOWN

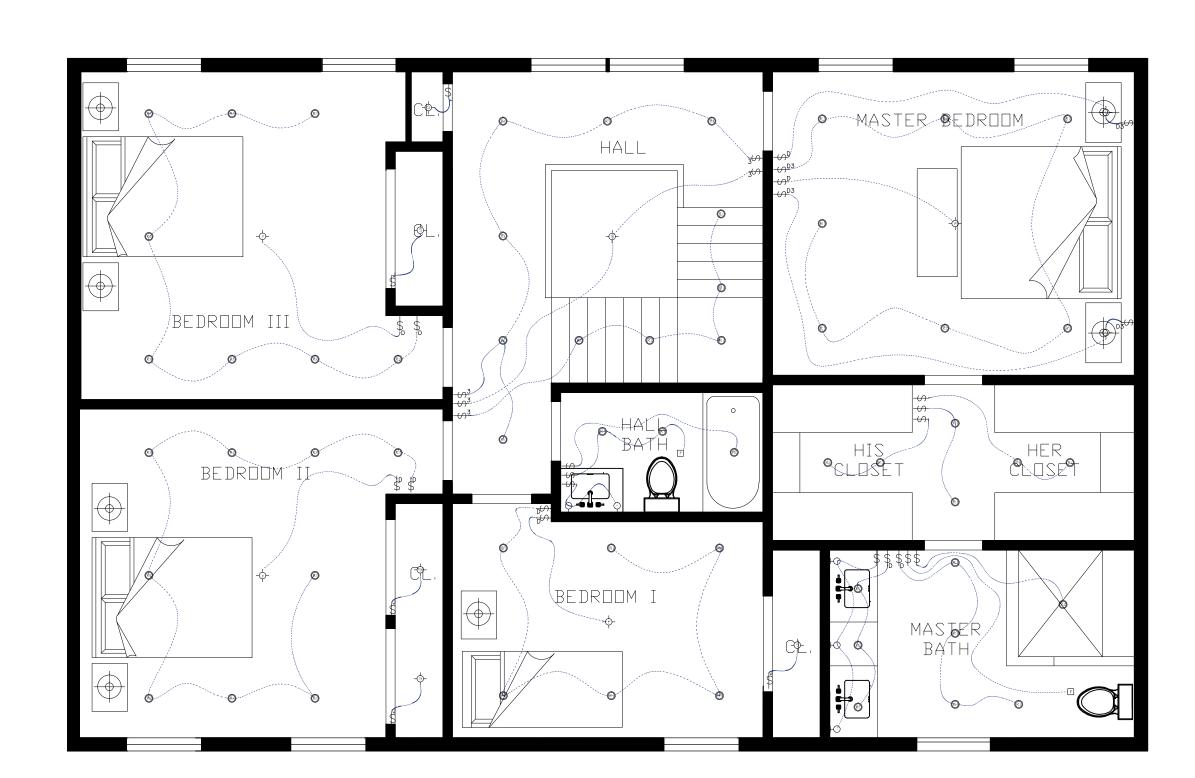
10 OF 14

LANDSCAPING PLAN

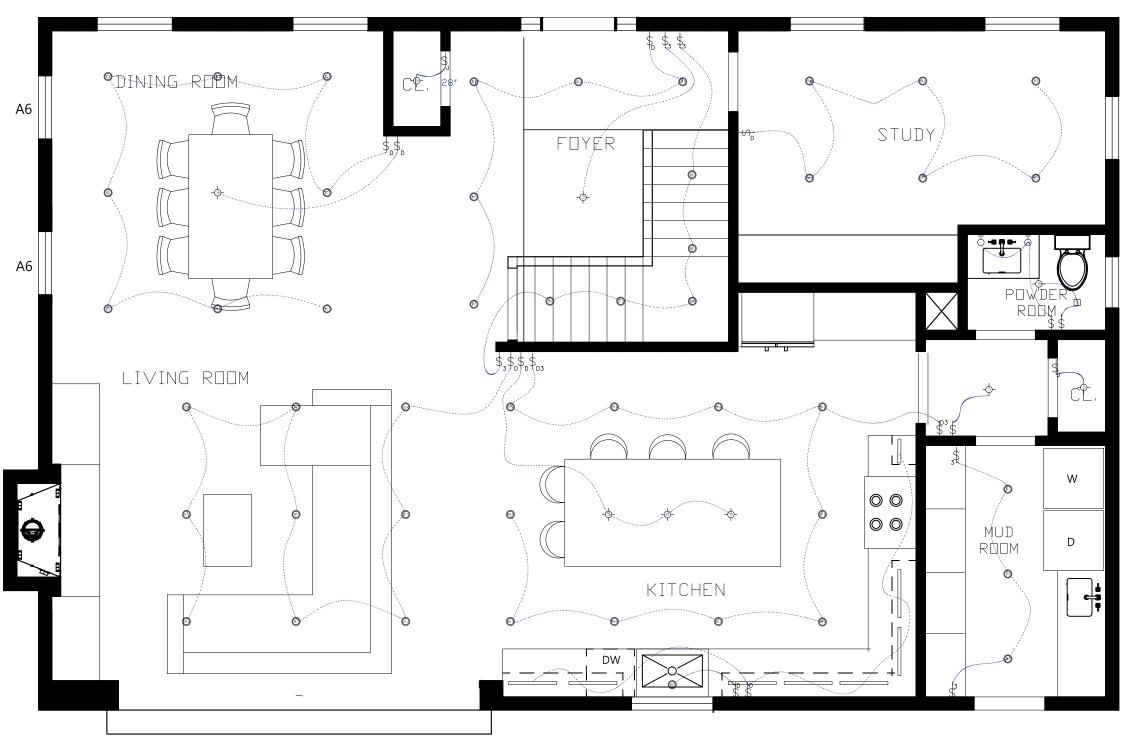
Scale: N.T.S



BASEMENT ELECTRICAL Scale: 1/4" = 1'-0"



 $3\frac{\text{2ND FLOOR ELECTRICAL}}{\text{Scale: 1/4" = 1'-0"}}$

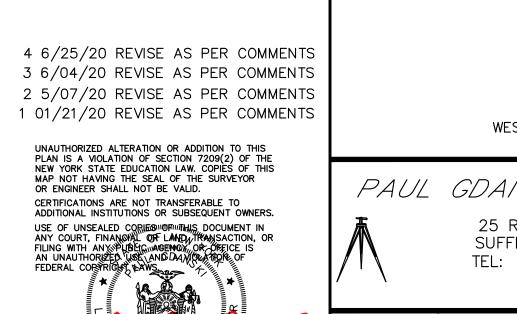


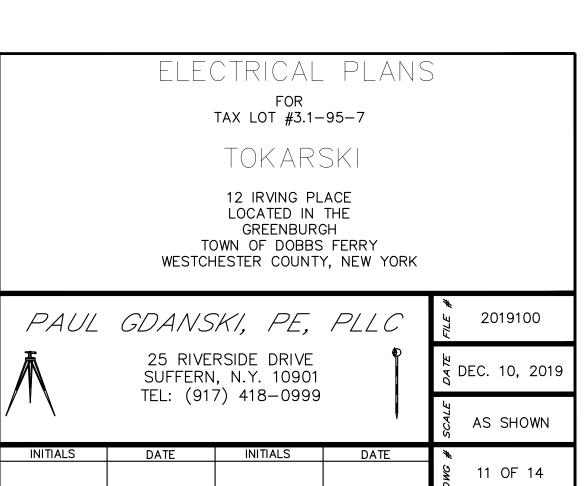
$\frac{1ST FLOOR ELECTRICAL}{Scale: 1/4" = 1'-0"}$

ELECTRICAL LEGEND

	DESCRIPTION SYMBOL				
R	RECESSED LIGHT				
®	RECESSED LIGHT IN WET LOCATION				
-5-	SURFACE MOUNTED FIXTURE				
-F- SURFACE MOUNTED FAN					
F	BATHROOM FAN				
5	SPEAKER				
Ю	WALL MOUNTED FIXTURE				
	UNDER CABINET LIGHTS				

*All electrical work to code.





-ICE & WATER SHIELD 3' FROM EDGES COLLAR TIES 48" O.C. SEE FLOOR PLAN FOR -PEWTER GRAY GAF TIMBERLINE HD 30 YEAR ASPHALT SHINGLES SIZE AND DIRECTION OVER 15# BUILDING PAPER ON 8" CDX --PROVIDE CLEAR AIR PASSAGE THROUGH TO RIDGE VENT SEE PAGE 3 FOR INSULATION R-VALUE —ALUMINUM GUTTER AND DOWNSPOUT —CONTINUOUS VENTED SOFFIT —WINDOW AND DOOR TRIM 5/4X6 TOP AND 5/4X4 SIDE WITH FLASHING ON TOP 6X6 WALL CORNERS —ALLURA STERLING GRAY FIBER CEMENT SIDING @5" EXPOSURE ---INSULATION AND EXTERIOR HOUSE WRAP SEE PAGE 3 FOR INSULATION R VALUE -WOOD JOIST MEMBERS, SEE FLOOR PLAN FOR SIZE AND DIRECTION ---7-1/4" BASE MOLDING --(3) 14" LVL HEADER OVE LIVING ROOM SLIDER (2) 2X6 CAP PLATE (FIRESTOP) ——GARDEN STATE 7" CROWN MCR 714 -1/ SHEETROCK WALLS AND CEILING -5-1/2" BEADED CASING WITH BACKBAND —Ĵ″ CDX SHEATING -2X6 16" D.C. WITH FIBERGALASS INSULATION -FINAL FLOOR COVERING (SEE FLOOR PLAN) —SILL PLATE (FIRESTOP) 3″ T&J SUB FL□□R FLOOR JOISTS - SEE FOUNDATION PLAN FOR SIZE SEE SHEET 3 FOR INSULATION R- VALUE -2X6 SILL PLATE ANCHOR BOLT @6'0" D.C. -TERMITE SHIELD -SLOPE GRADE AWAY FROM DWELING 6" PER 10' 10" THICK CONCRETE FOUNDATION WALL WITH EXTERIOR FOUNDATION DAMP PROOFING OVER PARGED SURFACE $-\frac{3}{4}$ " T&J SUB FLOOR ——PT WOOD SLIPPERS OVER SLAB 4" CONCRETE SLAB WITH 6X6-010 W.W.F ` —#4 D□WELS @ 24″ □.C. 4" CRUSHED STONE ON CONTROL OF ----2 - #4 CONTINUOUS TOP AND BOTTOM 6" MIL VAPOR BARRIER OR INSULATION R VALUE SEE SHEET 3 FOR INSULATION R VALUE -4" DIA. PVC FOOTING DRAIN TO SLOPE AND DRAIN TO DAYLIGHT PROVIDE 1-1/2" CRUSHED STONE AND FILTER FABRIC WRAP ─2 - #4 CONTINUOUS -12" X 24" CONCRETE FOOTING TO BE PLACED ON DRY SOIL SUB- BASE WITH MIN CAPACITY OF 2500 PSF

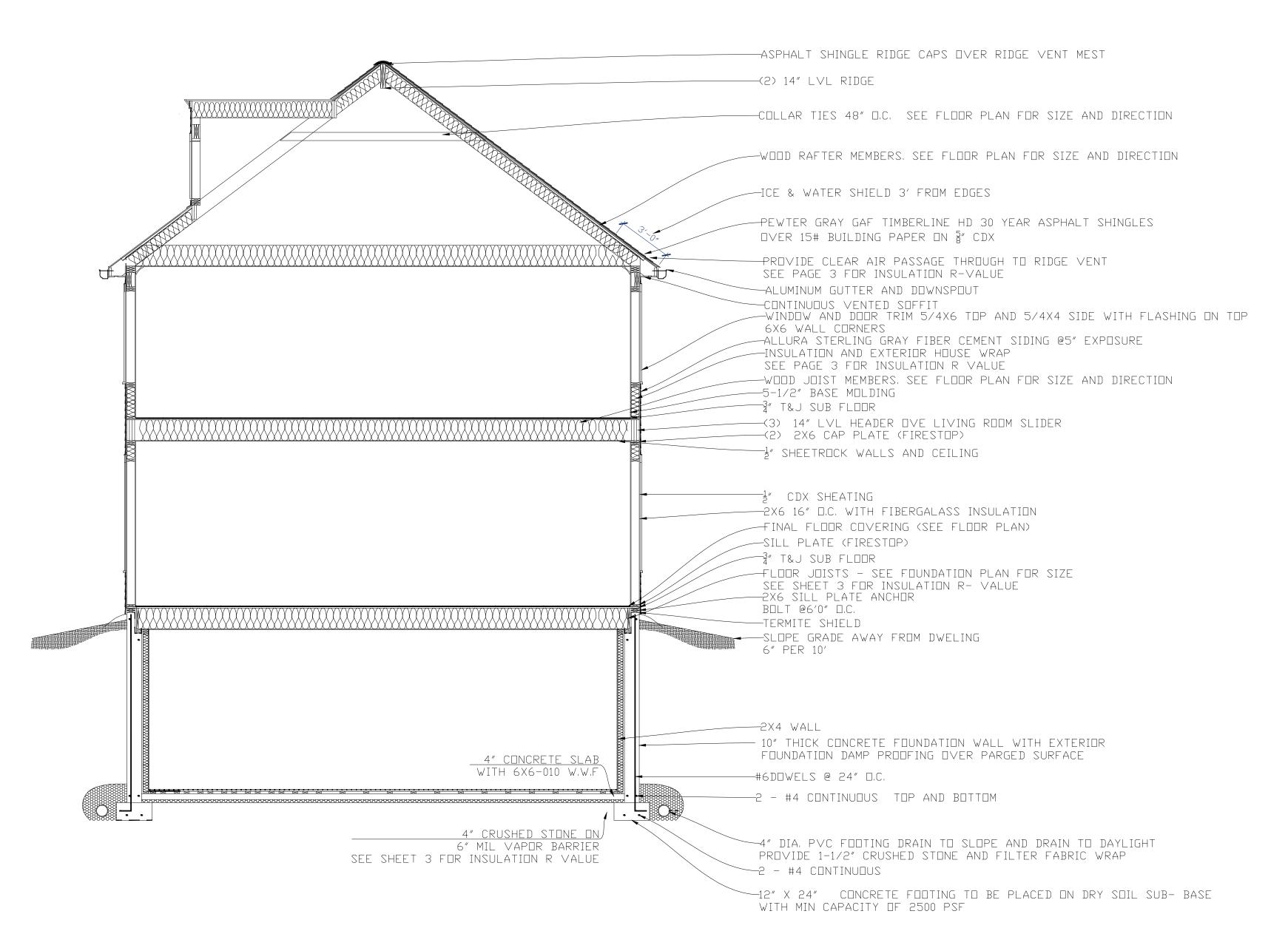
◀ PROPOSED WALL CROSS SECTION

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

-WOOD RAFTER MEMBERS, SEE FLOOR PLAN FOR SIZE AND DIRECTION

RIDGE TO BE 1.5"
WIDER THAN RAFTERS

$\frac{\text{PROPOSED BUILDING CROSS SECTION}}{\text{Scale: 1/4"} = 1'-0"}$



4 6/25/20 REVISE AS PER COMMENTS

3 6/04/20 REVISE AS PER COMMENTS

2 5/07/20 REVISE AS PER COMMENTS

1 01/21/20 REVISE AS PER COMMENTS

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LANDSCAPING PLAN & STREET VIEW

TAX LOT #3.1-95-7

TOKARSKI

12 IRVING PLACE

LOCATED IN THE

GREENBURGH

TOWN OF DOBBS FERRY WESTCHESTER COUNTY, NEW YORK

2019100

🕏 DEC. 10, 2019

AS SHOWN

12 OF 14

PAUL GDANSKI, PE, PLLC

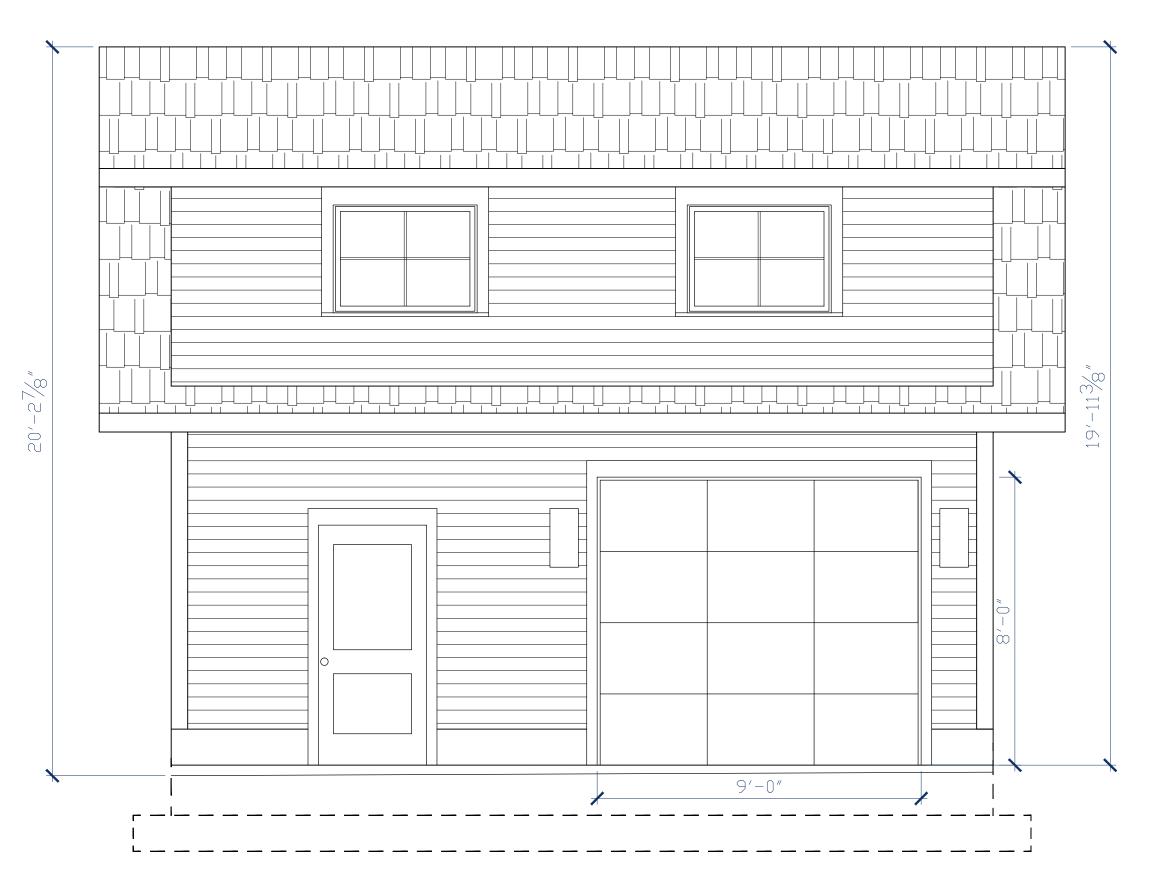
25 RIVERSIDE DRIVE

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LEFT SIDE ELEVATION

Scale: 3/8" = 1'-0"



GARAGE FRONT ELEVATION Scale: 3/8 = 1'-0"

