[illegible]

DATE: 04JAN23



The seal is circular with a double-lined border. The outer ring contains the text "STATE OF NEW YORK" at the top and "LICENSED PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "NATHANIEL GOODEN" is written in an arc. In the center is the State of New York coat of arms, featuring a figure holding a bow and arrow, with a rising sun in the background. Below the coat of arms is the number "106240".

CLIENT:
KARAN GAREWAL
CLIENT NUMBER:
914-309-5676
PROJECT ADDRESS:
12 SCHLICHTER RD.
FISHKILL, NY 12524

DESIGNED BY:
N. GOODEN, P.E.

DATE:
01.04.23

PROJECT:
HOME ALTERATION

PROJECT NUM:
P109

COMPANY:
CAESAR ENGINEERING D.P.C.

CONTACT:
845.275.3825

contact@caesarengineering.work

ADDRESS:
367 WINDSOR HWY #411
NEW WINDSOR, NY, 12553

GENERAL NOTES:

1. UNLESS OTHERWISE AGREED UPON, ALL BUILDING AND CONSTRUCTION PERMITS, AND REQUIRED MUNICIPAL INSPECTIONS SHALL BE OBTAINED, COORDINATED AND PAID FOR BY, THE PROPERTY OWNER, OR THE GENERAL/PRIME CONTRACTOR OF RECORD WHO WILL BE PERFORMING THE SPECIFIC AND APPROVED TRADE. THESE INSPECTIONS INCLUDE BUT ARE NOT LIMITED TO FOUNDATION, FORMWORK, FOOTING, FRAMING, INSULATION, PLUMBING, ELECTRICAL, ROOFING, SEPTIC TANK OR LEACHFIELD INSPECTIONS AS REQUIRED FOR THE PROPER PLANNED EXECUTION OF THE APPROVED WORK.
2. ALL MATERIALS, ASSEMBLIES, SYSTEMS, METHODS OF CONSTRUCTION AND EQUIPMENT ARE TO CONFORM WITH THE MOST CURRENT REQUIREMENTS OF THE NEW YORK STATE RESIDENTIAL BUILDING CODE, IBC W/ NYS 2016 UNIFORM & ENERGY CODE, NFPA 72, ALL OTHER APPLICABLE CODES, TOWN AND COUNTY LAWS, REGULATIONS, ORDINANCES AND PERFORM TO GENERALLY ACCEPTED STANDARDS IN THE PRESENCE OF A DISCREPANCY BETWEEN THESE DRAWING/SPECIFICATION NOTES AND THE APPLICABLE CODE, THE CODE REQUIREMENTS SHALL GOVERN.
3. ALL CONTRACTORS SHALL PERFORM WORK TO THE INTENT OF THE DESIGN PORTRAYED IN THE DRAWINGS PROVIDED IN THIS SHEET SET AND WILL PROVIDE COMPLETE AND FINISHED WORK, THAT IS REASONABLY TESTED, AND INCLUDES ALL NECESSARY ITEMS REQUIRED REGARDLESS OF WHETHER SPECIFICALLY CALLED FOR IN THE DRAWINGS OR NOT. THESE PLANS ARE INTENDED TO PROVIDE A VISUAL REPRESENTATION AND A MANUAL SET OF GENERAL INSTRUCTIONS OF THE WORK TO BE PERFORMED AND ARE FULLY INTENDED TO SUPPLEMENT THE BUILDING CODES APPLICABLE TO THIS PROJECT. IT IS EXPECTED THAT THE GENERAL/PRIME CONTRACTOR PERFORMING THE WORK HAS A FULL WORKING KNOWLEDGE OF THE BUILDING CODES OF NEW YORK STATE AND ALL CODES APPLICABLE TO THIS PROJECT.
4. ALL CONTRACTORS SHALL FULLY FAMILIARIZE THEMSELVES WITH THE SITE AND THE SET OF DRAWINGS BEFORE SUBMITTING BIDS.
5. THE GENERAL OR PRIME CONTRACTOR SHALL ENSURE COMPLIANCE WITH ALL APPLICABLE BUILDING CODES AND IS REQUIRED TO NOTIFY THE ENGINEER IMMEDIATELY IF A DISCREPANCY OR CLEARIFICATION IS FOUND OR NEEDED AND WILL REQUEST INFORMATION AS TO HOW TO RESPOND PRIOR TO EXECUTING ITEMS WITH AN IDENTIFIED ISSUE.
6. ALL DIMENSIONS SHOWN ON THESE DRAWINGS ARE TO THE FRAMING ON THE FLOOR OR ELEVATION CALLED OUT ON THAT SPECIFIC DETAIL.
7. ALL WORK SHALL BE PERFORMED BY PERSONS SKILLED IN THEIR RESPECTIVE TRADES. IN THE CASE OF THE PROPERTY OWNER PERFORMING WORK ON THEIR OWN PREMESIS, ALL WORK WILL BE HELD TO THE QUALITY MEASURES OUTLINED BY RESPECTIVE BUILDING CODES. IT IS RECOMMENDED THAT THE PROPERTY OWNER ONLY COMPLETE WORK THAT HE OR SHE IS FULLY COMPETENT TO COMPLETE.
8. AT NO POINT IN THE EXECUTION OF THE PROPOSED WORK SHALL STRUCTURAL MEMBERS, OR MEMBERS THAT HAVE EVIDENCE OF STRUCTURAL SIGNIFIGANCE, OR MEMBERS OF UNKNOWN STRUCTURAL RELATIONSHIP, BE CUT, ALTERED OR DEGRADED IN A WAY AS TO COMPROMISE THE INTEGRITY OF THE EXISTING OR PROPOSED WORK. IN THE EVENT OF QUESTIONS ABOUT THE STRUCTURAL SIGNIFICANCE OF A SPECIFIC ITEM, THE PERSONS PERFORMING THE WORK WILL CONSULT WITH THE ENGINEER OF RECORD ON THIS DRAWING SET FOR ADDITIONAL VALIDATION, APPLICABLE AND STANDARD CHARGE RATES MAY APPLY FOR FURTHER CONSULTATIONS.
9. DO NOT SCALE AND INFER DIMENSIONS FROM THE DRAWINGS UNLESS THE SCALE OF THE REFERENCED DRAWING IS SPECIFICALLY STATED IN THE DOCUMENT, DRAWINGS WITH NO SCALE SPECIFICALLY STATED ARE NOT DRAWN TO SCALE AND SHOULD ONLY BE USED FOR VISUAL INTREPRETATION PURPOSES.
10. ALL CONTRACTORS OR PERSONS PERFORMING THE WORK DETAILED IN THIS DRAWING SET SHALL CHECK ALL DIMENSIONS, ASSEMBLIES, AND CONNECTIONS, AND REPORT IN WRITING IF THERE ARE ANY INCONSISTENCIES PRIOR TO BIDDING, STARTING WORK, ORDERING MATERIALS, OR MANUFACTURING ITEMS FOR THE ACTION.
11. ALL USER REQUESTED CHANGES POST APPROVED PERMITTING ACTION SHALL BE REQUESTED IN WRITING BY THE OWNER OR PRINCIPAL CONTRACTOR VIA APPROVED CHANGE ORDER PAPERWORK. IF CHANGES ARE REQUESTED AND ARE TO BE MADE THAT RESULT IN A REQUIRED RE-SUBMISSION TO THE MUNICIPAL APPROVAL AUTHORITY, THE PROPERTY OWNER WILL BEAR THE FINANCIAL BURDEN OF SUCH ACTION. ALL CHANGES AND OR SUBSTITUTIONS ARE TO BE APPROVED IN WRITING BY THE ENGINEER BEFORE BEING INCORPORATED INTO THE WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR REVIEW PRIOR TO WORK. THE ENGINEER SHALL THEN PERFORM AN INTERPRETATION OR RENDER A SUITABLE SOLUTION. THE ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES AND/OR DELAYS SHOULD THE CONTRACTOR FAIL TO PERFORM THEIR WORK IN A SKILLED MANNER OR IN WORK THAT IS NOT IN ACCORDANCE WITH THE PLANS OR SPECIFICATIONS PROVIDED.
12. NOTIFY AND SCHEDULE REQUIRED VISITS, ADDITIONAL CONSULTATIONS WITH THE ENGINEER AS REQUIRED WITH 72 HOURS IN ADVANCE WITH ANY ISSUES.
13. THE GENERAL CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS AND/OR SAMPLES OF ASSEMBLIES, EQUIPMENT, MATERIALS, AND FINISHES TO THE ENGINEER FOR ACCEPTANCE PRIOR TO THE FABRICATION AND OR INSTALLATION. PLANS INCLUDING THE FOLLOWING ITEMS ARE WILL HAVE MANDATORY SUBMISSION REQUIREMENTS: STEEL CONNECTIONS & CONSTRUCTION ASSEMBLIES, MILLWORK, SPECIALITY FINISHES, SPECIALITY HARDWARE. IF THE CONTRACTOR DOES NOT PROVIDE SHOP DRAWINGS OF THE SPECIFIED ASSEMBLY, AND THE ASSEMBLY THAT IS INSTALLED IS NOT IN ACCORDANCE WITH THE PLAN PROVIDED IN THIS SET OF SPECIFICATIONS, THE CONTRACTOR MAY BE LIABLE TO MAKE CHANGES AT THEIR EXPENSE IN ORDER TO ACCOMPLISH THE INTENT OF THE DESIGN. THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR FAULTY OR INFERIOR APPLICATIONS OF SPECIALITY CONNECTIONS WITHOUT THE SUBMISSION & REVIEW OF APPROVED SHOP DRAWINGS.
14. UNLESS OTHERWISE NOTED OR AGREED UPON, THE ENGINEER HAS NOT BEEN RETAINED FOR FIELD SUPERVISION DURING CONSTRUCTION. THE CONTRACTOR OR OWNER SHALL FILE FOR BUILDING PERMIT AND SECURE A CERTIFICATE OF OCCUPANCY.
15. CONTRACTOR IS TO PROTECT THE PUBLIC AND PREMISES DURING THE PERIOD OF CONSTRUCTION WITH ADEQUATE SHORING, BRACING, FENCING, LIGHTING, ETC.

ELECTRICAL

1. ALL ELECTRICAL WORK TO BE INSTALLED AS PER NATIONAL ELECTRICAL CODE.
2. GENERAL NOTES APPLY TO ELECTRICAL WORK.
3. CONTRACTOR WILL ARRANGE ALL REQUIRED ELECTRICAL INSPECTIONS.
4. WIRING MAY NOT BE LESS THAN 12 GA. SIZE AS REQUIRED BY CODE AND ACCEPTABLE INDUSTRY PRACTICE.
5. PROVIDE THERMALLY PROTECTED RECESSED LIGHTS AT ALL LOCATIONS WHERE LIGHTS WILL BE IN CONTACT WITH INSULATION PROVIDE THESE REGARDLESS OF MODEL NUMBER SPECIFIED ON THE SCHEDULE.
6. ALL FIXTURES AND OUTLETS SHALL BE AS PER CODE MINIMUM.
7. ALL EXTERIOR OUTLETS SHALL BE SUITABLE FOR WET LOCATIONS AND COME WITH A GASKETTED COVER.
8. OUTLETS SHALL BE STAGGERED TO AVOID SOUND TRANSMISSION. STUFF SOUND INSULATION BEHIND OUTLETS AND AT ALL PLUMBING CHASES AND PIPES.
9. SWITCHES AND OUTLETS AND COVER PLATES SHALL BE WHITE, PLASTIC.
10. ELECTRICAL SERVICE SHALL BE SIZED AS NECESSARY TO PROPERLY POWER ALL EQUIPMENT AND ACCESSORIES.

WOOD UTILIZATION: ALL FRAMING SHALL BE DONE IN ACCORANCE WITH THE LATEST EDITION OF "NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION" OF THE AMERICAN WOOD COUNCIL (ANSI). ALL LUMBER MATERIALS USED IN THIS BUILDING SHALL BE VISUALLY INSPECTED, GOOD, SOUND PRODUCTS, FREE FROM ROT, LARGE AND LOOSE KNOTS, SHAKES AND OTHER FAULTY IMPERFECTIONS WHEREBY THE STRENGTH MAY BE IMPAIRED. THE LUMBE SHALL BE THE SIZES INDICATED ON THE DRAWINGS UNLESS OTHERWISE APPROVED. ALL FRAMING MEMBERS (JOISTS, HEADERS, FIRDERS, STUDS, PLATES, ETC.) SHALL COMPLY WITH THE MINIMUM SPECIFICATIONS FOR THE SELECT SPECIFIED WOOD SERIES PROVIDED IN THE DRAWINGS. THESE BASIC STRESS VALUES CAN BE FOUND IN TABLE 4 A.B. & D OF THE NDS AWC DESIGN VALUES FOR WOOD CONSTRUCTION LATEST EDITION. ALL LUMBER AT A MINIMUM SHALL BEAR VISIBLE GRADE STAMPING.

FRAMING METHODS

1. FRAMING/SHEATHING NOTES: UNLESS OTHERWISE NOTED OR CALLED OUT IN THESE DRAWINGS, ALL FRAMING OR STRUCTURAL LUMBER SHALL BE KILN DRIED DOUGLAS FIR OR SOUTHERN PINE FIR WITH A VISUAL GRADE OF NO. 2 OR BETTER.
2. ALL BEAMS, JOISTS, RAFTERS & GIRDERS SHALL BE SET WITH NATURAL CROWN UP OR OPPOSITE THE ANTICIPATED LOADING CONDITIONS.
3. ALL ROOF RAFTERS 2" X 12" @ 16" O.C. UNLESS OTHERWISE NOTED. NOTCHES AT THE ENDS OF THE MEMBER SHALL NOT EXCEED 1/4 OF THE DEPTH OF THE MEMBER. FOR A 2X12" ROOF RAFTER, NOTCH SHALL BE 2" MAX.
4. EXTERIOR WALLS: WALL FRAMING TO BE 2" X 6" @ 16" O.C. UNLESS OTHERWISE NOTED. MAX BORING ON A 2"x6" WALL. JOIST IS 2 3/16" WITH A MINIMUM OF 5/8" ON EITHER SIDE OF THE JOIST TO REMAIN. WHEN PLUMBING OR BORING EXCEEDS LIMITS, A HEADERED STRUCTURAL SUPPORT SHALL BE INSTALLED WITHIN THE LOCALIZED JOIST SYSTEM.
5. INTERIOR WALLS: WALL FRAMING TO BE 2" X 4" @ 16" O.C. UNLESS OTHERWISE NOTED
6. FLOORING: SHALL BE 3/4" PLYWOOD TOUNGE AND GROOVE AND NAILED OR SCREWED INTO THE FLOOR JOISTS @ 1' SPACING. PLYWOOD TO BE INSTALLED WITH LONG DIMENSION ACORSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. PANEL AND JOINTS SHALL OCCUR OVER SUPPORTING FRAMING. LEAVE 1/16" SPACE AT ALL PLYWOOD PANEL AND END JOINTS AND PROVIDE 1/8" SPACE AT ALL PANEL JOINTS.
7. ROOF & EXTERIOR SHEATHING: ALL PLYWOOD AT ROOF DECK SHALL BE 5/8" INSTALLED WITH PSCL 7/16" 20-GA GALVANIZED PANEL SHEATHING CLIPS. EXTERIOR WALL SHEATHING SHALL BE 5/8" MIN. PLYWOOD TO BE INSTALLED WITH LONG DIMENSION ACORSS SUPPORTS AND WITH PANEL CONTINUOUS OVER TWO OR MORE SPANS. CONTRACTOR SHALL PROTEXT SHEATHING FROM EXPOSURE TO WEATHER IF ROOF COVERING MATERIAL IS NOT PROMPTLY INSTALLED. OSB IS NOT TO BE USED AS A REPLACEMENT OF PLYWOOD SPECIFIED. PANEL AND JOINTS SHALL OCCUR OVER SUPPORTING FRAMING. LEAVE 1/16" SPACE AT ALL PLYWOOD PANEL AND END JOINTS AND PROVIDE 1/8" SPACE AT ALL PANEL JOINTS.
8. ALL HEADERS SHALL BE DOUBLE 2X10 UNLESS OTHERWISE SPECIFIED IN THE DRAWINGS. ALL HEADERS WILL BE INSTALLED WITH A DIRECT STUD, TWO JACK STUDS, AND WILL BE FRAMED ABOVE HEADER TO THE TOP PLATE @ 12" O.C. UNLESS OTHERWISE SPECIFIED. CONTRACTOR SHALL PROVIDE DOUBLE MEMBER POSTS AT EDGES OF ALL OPENINGS IN STUD BEARING WALLS.
9. ALL FLOOR JOISTS WILL BE DOUBLED UP AT THE LOCATIONS OF ALL NON-STRUCTURAL PARTITION WALLS THAT RUN PARALLEL TO THE JOIST SPAN
10. CONTRACTOR SHALL PROVIDE DOUBLE RAFTERS AND HEADERS AROUND ALL ROOF SKYLIGHTS OR ANY OPENINGS LARGER THAN SPACING OF RAFTERS/FLOOR JOISTS, ETC. UNLESS OTHERWISE SPECIFIED.
11. CONTRACTOR SHALL PROVIDE "X" BRIDGING OR CONTINUOUS BLOCKING AT MID-SPAN OF ALL ROOF RAFTERS/FLOOR JOISTS SPANNING MORE THAN 9'-0". CONTINUOUS BLOCKING SHALL BE INSTALLED ATOP ALL TOP BEARING GIRDERS BETWEEN THE JOIST THAT LIE DIRECTLY ABOVE THE GIRDER IN ACCORDANCE WITH CODE REQUIREMENTS.
12. PROVIDE TEMPORARY BRACING OF ALL STRUCTURAL MEMBERS DURING CONSTRUCTION. REQUEST ADDITIONAL ENGINEERING OR STRUCTURAL CONSULTATIONS AS NEEDED.
13. ALL FRAMING TO BE 16" O/C UNLESS OTHERWISE SHOWN. ALL STUDDING TO BE TOE NAILED (TYP).
14. INSTALL SOLID BRIDGING @ ALL JOIST MID-SPANS.
15. SOLID BEARING POINTS SHALL BE (3) 2X4 OR (3) 2X6 MIN. NAILED TOGETHER AND RUN CONTINUOUS FROM BEAM ABOVE TO FOUNDATION.
16. ALL JOISTS FASTENED TO FLUSH HEADERS OR BEAMS SHALL BE SECURED W/ "SIMPSON" METAL JOIST HANGARS
17. INSTALL DOUBLE HEADER JOISTS AT ALL FLOOR OPENINGS.
18. ONE DOUBLE ROW OF 2X CONTINUUIOUS BRACING AT MID-SPAN FOR ALL JOISTS >9'
19. ALL SOLID BEARING POINTS SHALL BE MIN. 4X4 P.T.
20. ALL DECKS AND PORCHES SHALL BE SECURED TO HOUSE FRAMING BY MEANS OF A P.T. 2X P.T. LEDGER BOARD LAG BOLTED EVERY JOIST BAY W/ 1/2"x6" GALV. LAG BOLTS W. WASHERS. SECURE GALV. JOIST HANGARS TO LEDGER. FLASH BEHIND LEDGER BOARDS W/ TERMITE RESISTANT FLASHING EXTENDED UP AND UNDER EXISTING SIDING ABOVE.
21. ALL DECK P.T. COLUMNS SHALL BE SECURED TO CONC. PIERS W/ "STRONG TIE" CB SERIES EMBEDDED METAL BRACKETS, UNLESS NOTED OTHERWISE.
22. ALL DECK P.T. COLUMNS SHALL BE SECURED TO BEAMS W/ "STRONG TIE" CC SERIES METAL BRACKETS.
23. SECURE DECK STAIR STRINGERS TO RIM JOISTS WITH "STRONG-TIE" LSC STAIR STRINGER CONNECTORS.
24. SECURE ALL DIAGONAL 2X WIND BRACING W/ (2) 12D NAILS @ EA. STUD, TOP AND BOTTOM WALL PLATES.
25. ALL HEADERS OF SPANS UNDER 5'-0" AT WINDOWS AND DOORS ARE TO BE (2) 2 X 8 DOUG FIR MINIMUM, UNLESS OTHERWISE SPECIFIED ON THE DRAWINGS.
26. ALL HEADERS OF SPANS 5'-0" AND OVER AT WINDOWS AND DOORS ARE TO BE (2) 2 X 10 DOUG FIR MIN. UNO
27. ALL PLYWOOD USED AT EXTERIOR CONDITIONS SHALL BE OF THE SIZE NOTED ON THE DRAWINGS AND SHALL HAVE EXTERIOR GLUE.
28. EXTERIOR PLYWOOD TO BE FIR, THICKNESS AS NOTED ON THE DRAWINGS.
29. ORIENTED STRAND BOARD (OSB) IS NOT AN ACCEPTABLE SUBSTITUTION FOR PLYWOOD THAT HAS BEEN SPECIFIED.
30. ALL FRAMING LUMBER RESTING ON MASONRY OR CONCRETE SILLS SHALL BE PRESSURE TREATED.
31. ALL INTERIOR PARTITIONS SHALL BE KILN DRIED SPF UNLESS OTHERWISE NOTED.
32. FRANKLIN CONSTRUCTION ADHESIVE OR EQUAL WHERE CONSTRUCTION ADHESIVE IS TO BE USED.
33. ALL CONNECTION HARDWARE SHALL BE GALVANIZED STEEL OF THE TYPE GAGE (MIN 18 GA.) OR OF THE SIZE NOTED ON THE DRAWINGS. THIS CONNECTION HARDWARE SHALL BE MANUFACTURED BY SIMPSON STRONG TIE CO, TECO, OR APPROVED EQUAL. THESE METAL HARDWARE SHALL BE INSTALLED WITH STRICT ADHERANCE TO THE MANUFACTURERS NAILING SPECIFICATIONS. THIS CONNECTION HARDWARE WILL BE INSTALLED AT A MINIMUM IN THE FOLLOWING LOCATIONS AS APPLICABLE:

- POST TO FOOTING CONNECTIONS.
- POST CAP TO BEAM CONNECTIONS
- HUNG FLUSH MOUNT JOIST TO BEAM / GIRDER CONNECTIONS
- DECK STAIR STRINGER TO BEAM CONNECTIONS

ENERGY CODE COMPLIANCE SCHEDULE			
ITEM	LOCATION	R-VALUE / U VALUE	NOTES
WALLS	ALL ALTERED EXTERIOR WALLS	R -21	BATT OR SPRAYED FOAM INSULATION
CIELING	ROOF/CEILING	R - 49**	BATT OR SPRAYED FOAM INSULATION

NOTE: IF BATT INSULATION IS TO BE USED - CONTRACTOR IS MADE AWARE THAT 2X12" ROOF RAFTERS TO BE FURRED OUT WITH ADDITIONAL 2X4" ON EDGE TO CREATE REQUIRED 14" CAVITY DEPTH REQUIRED FOR R-49 BATT INSULATION.

MECHANICAL & UTILITIES

1. GENERAL NOTES APPLY TO ALL MECHANICAL SECTIONS.
2. HOUSE SHALL BE PROVIDED WITH HEATING CAPABLE OF MAINTAINING A MIN. ROOM TEMP. OF 68 DEG. F AT A POINT OF 36" A.F.F. AND 24" FROM EXTERIOR WALLS. MULTIPLE ZONES ARE ACCEPTABLE.
3. ALL PLUMBING AND HEATING SHALL BE BUILT TO CODE.
4. ALL PLUMBING FIXTURES USING HOT WATER SHALL BE EQUIPPED WITH ANTI-SCALD DEVICES
5. ALL WATER SUPPLY LINES ARE TO BE COPPER OR PEX.
6. SIZE FLUES TO MANUFACTURERS SPECIFICATIONS AND RESIDENTIAL CODE REQUIREMENTS.
7. SUPPLY ALL NECESSARY CONNECTIONS. ELECTRICAL HOOKUPS, PLUMBING HOOKUPS, TO APPLIANCES.
8. EXHAUST FANS ARE PART OF THE BASE BID, MANUFACTURERS TO BE APPROVED BY OWNER. VERIFY VENT LOCATION TO EXTERIOR WITH ENGINEER PRIOR TO INSTALLING.
9. MECHANICAL DESIGN-BUILD SHALL BE BY OTHERS.

FINISHES

1. GYPSUM BOARD (SHEETROCK) INSTALLATION SHALL BE IN ACCORDANCE WITH STANDARD PRACTICE AS SET FORTH IN THE LATEST EDITION OF USG "GYPSUM CONSTRUCTION HANDBOOK"; AND SHALL INCLUDE ALL COMPONENTS AND ACCESSORIES.
2. ALL GYPSUM WALLBOARD USED IN BATHROOMS AND WET AREAS SHALL BE MOISTURE RESISTANT.
3. TILE TYPE & PAINT COLORS SELECTED BY OWNER
4. ALL OTHER FINISHES ARE TO BE SELECTED BY OWNER AND SHALL NOT EXCEED A FLAME SPREAD RATING GREATER THAN 200 AND A SMOKE INDEX GREATER THAN 450 AS PER R319.1

CAESAR
ENGINEERING

REV #

REVISION DESCRIPTION

DATE

DATE: 04JAN23

STATE OF NEW YORK
NATHANIEL GOODEN
106240
LICENSED PROFESSIONAL ENGINEER

NATHANIEL GOODEN, P.E.
LIC. NO. 106240

CLIENT: **KARAN GAREWAL**
CLIENT NUMBER: **914-309-5676**
PROJECT ADDRESS: **12 SCHLICHTER RD.
FISHKILL, NY 12524**

DESIGNED BY: **N. GOODEN, P.E.**
DATE: **01.04.23**
PROJECT: **HOME ALTERATION**
PROJECT NUM: **P109**

COMPANY: **CAESAR ENGINEERING D.P.C.**
CONTACT: **845.275.3825**
contact@caesarengineering.work
ADDRESS: **367 WINDSOR HWY #411
NEW WINDSOR, NY, 12553**

SHEET
IDENTIFICATION

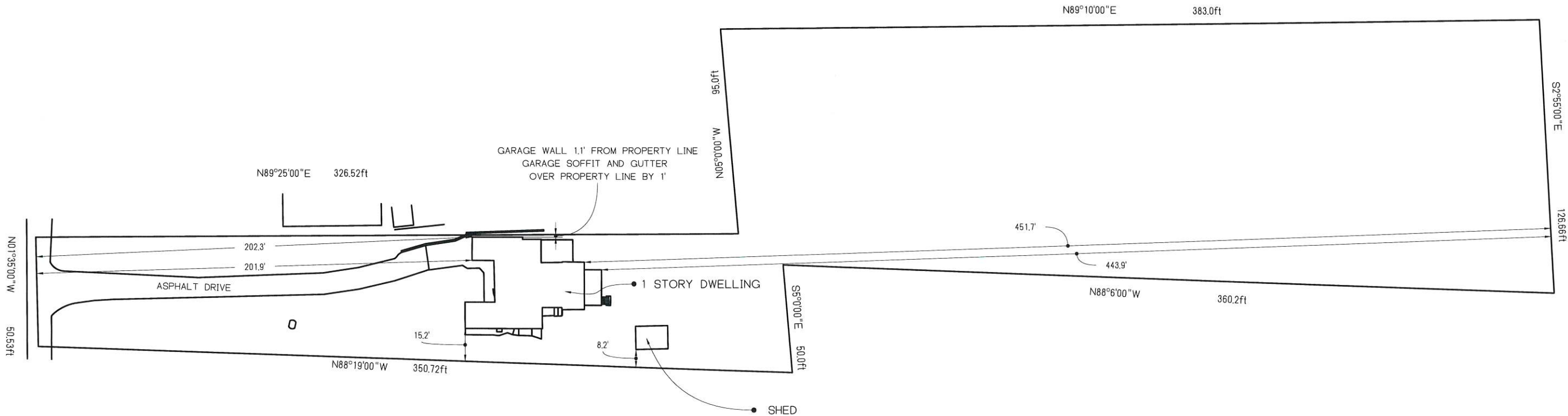
DO

GENERAL NOTES

SHEET 2 OF 6 TOTAL SHEETS

D1

EXISTING CONDITIONS



NOTES: SURVEY DATA WAS TRANSCRIBED FROM A PROPERTY SURVEY THAT WAS SUPPLIED BY THE OWNER. THIS SURVEY WAS PERFORMED BY A LICENSED LAND SURVEYOR REGISTERED AND ACTIVE IN NEW YORK STATE AT THE TIME OF THE SURVEY. THIS PROPERTY SURVEY WAS REPLICATED AND ASSUMPTIONS MADE FROM THIS SURVEY HAVE DIRECT REFLECTIONS IN THIS DESIGN.

SURVEY PERFORMED ON DATE: 11APR22
SURVEY PERFORMED BY: ROBERT F. OICLE, PLS NYS LIC# 050962



DATE	REVISION DESCRIPTION	REV #

DATE: 04JAN23

NATHANIEL GOODEN, P.E.
L.I.C. NO. 106240

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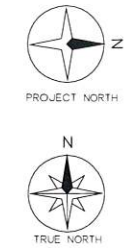
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SHEET IDENTIFICATION

D1
EXISTING
CONDITIONS
SHEET 3 OF 5 TOTAL SHEETS

D2

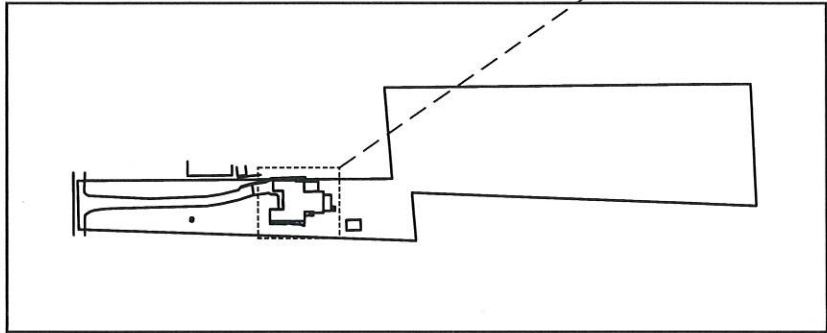
PROPOSED CONDITIONS



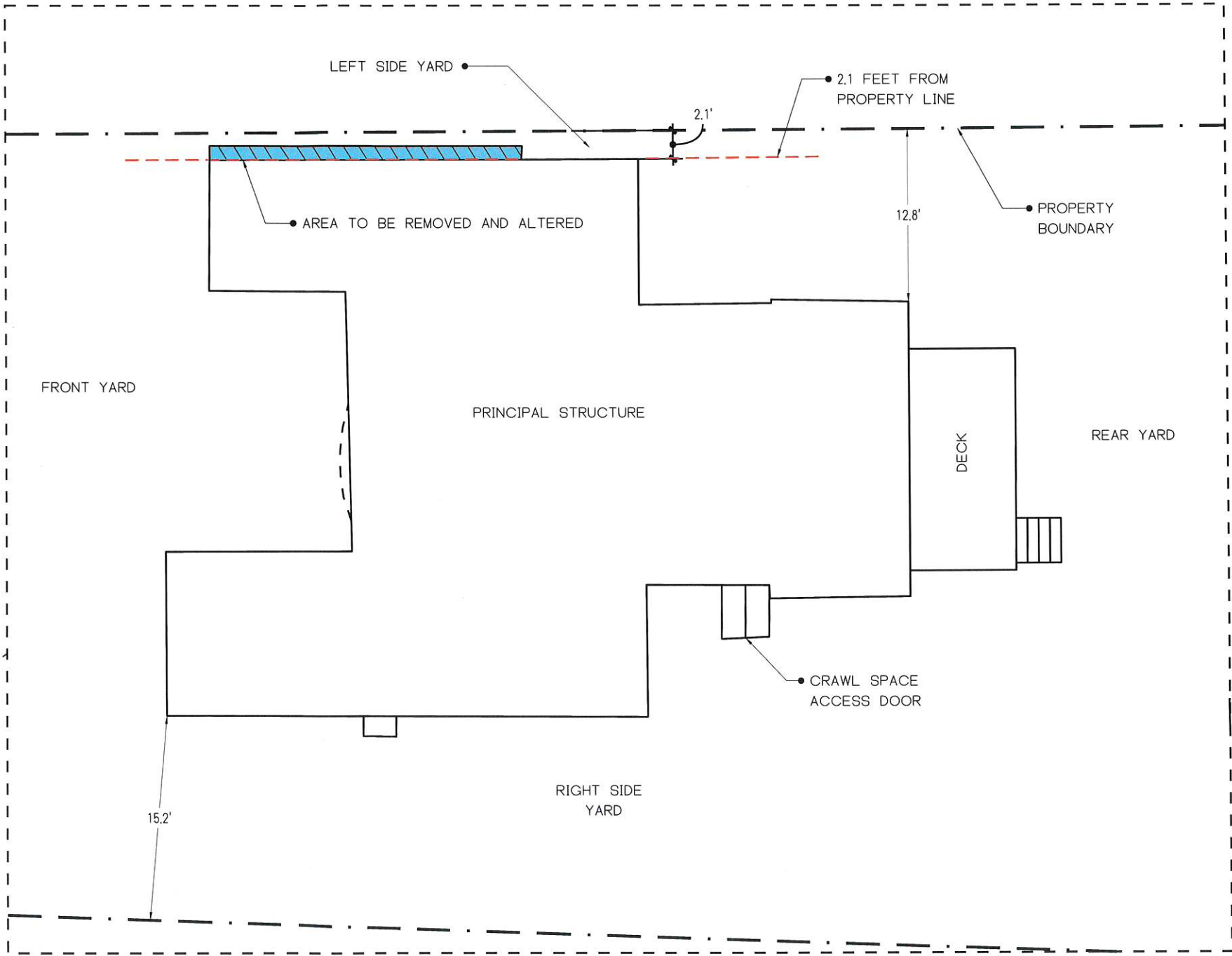
NOTES:

- 1) HOMEOWNER WISHES TO ALTER THE EXISTING PRINCIPAL STRUCTURE, MOVING THE GARAGE AND UTILITY WALL BACK 2.1 FEET FROM THE PROPERTY LINE IN ORDER TO MEET TOWN OF WAPPINGER ZONING BOARD GUIDANCE DATED 11OCT22.

PROPERTY SITE PLAN
SCALE: 1" = 200'



TOP VIEW
SCALE: 1" = 10'
SHOWING PRINCIPAL STRUCTURE AND ALTERATION OF GARAGE WALL



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LICENSED PROFESSIONAL ENGINEER

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L.I.C. NO. 106240

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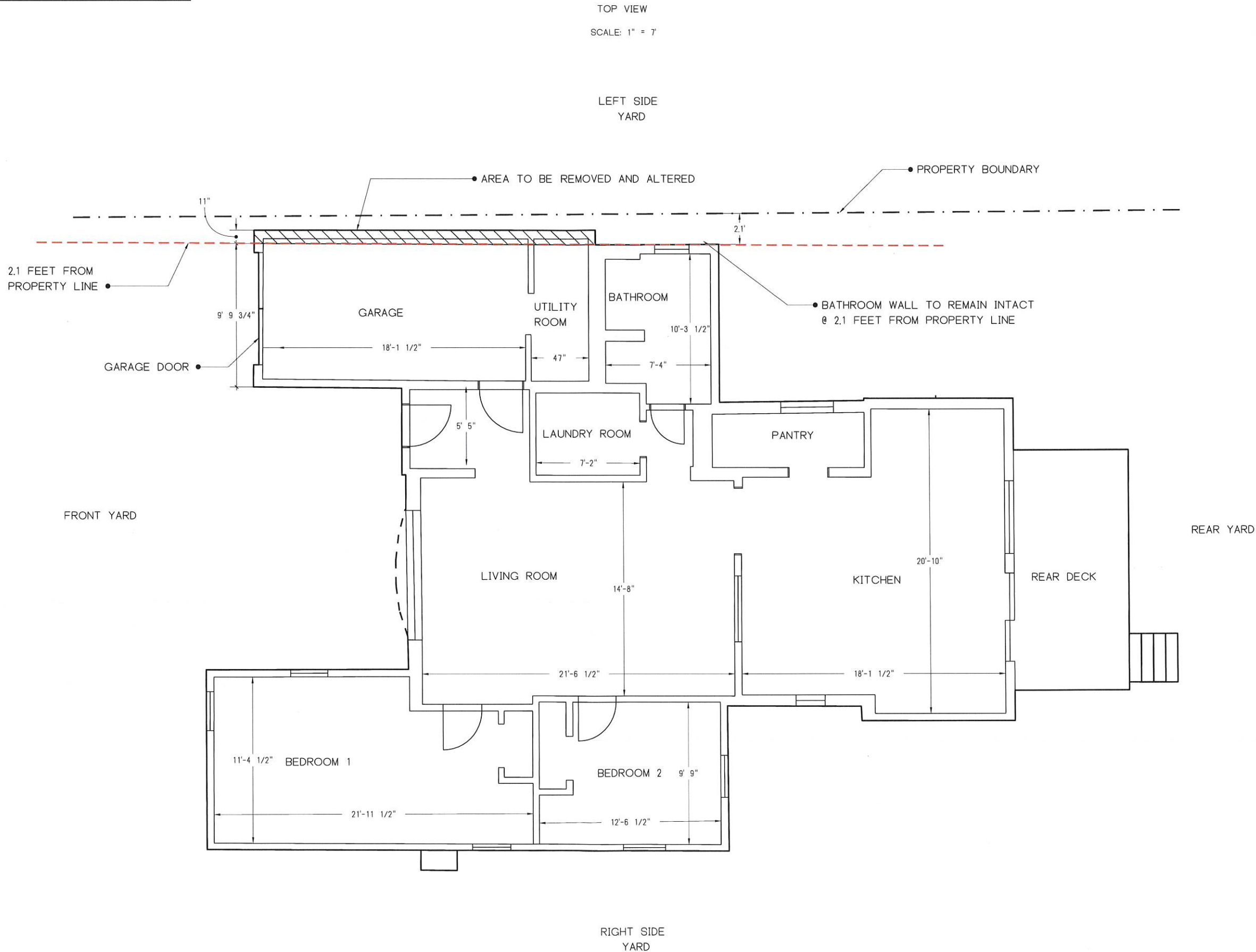
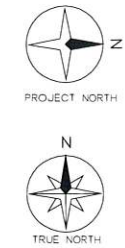
D2

PROPOSED CONDITIONS

SHEET 4 OF 6 TOTAL SHEETS

D3

PROPOSED CONDITIONS



CAESAR ENGINEERING

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STATE OF NEW YORK

NATHANIEL GOODEN

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SHEET IDENTIFICATION

D3

PROPOSED CONDITIONS

SHEET 5 OF 6 TOTAL SHEETS

D4

CONSTRUCTION DETAILS

1

SHEET
D4

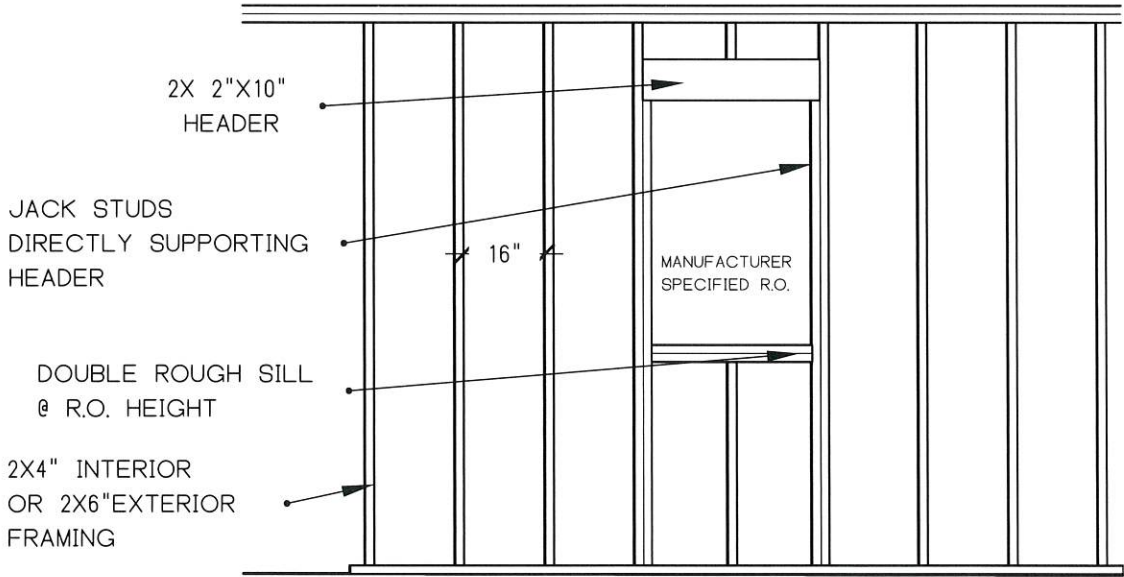
TYPICAL WALL AND DOOR FRAMING
NOT TO SCALE

WINDOW AND DOOR DETAILS:

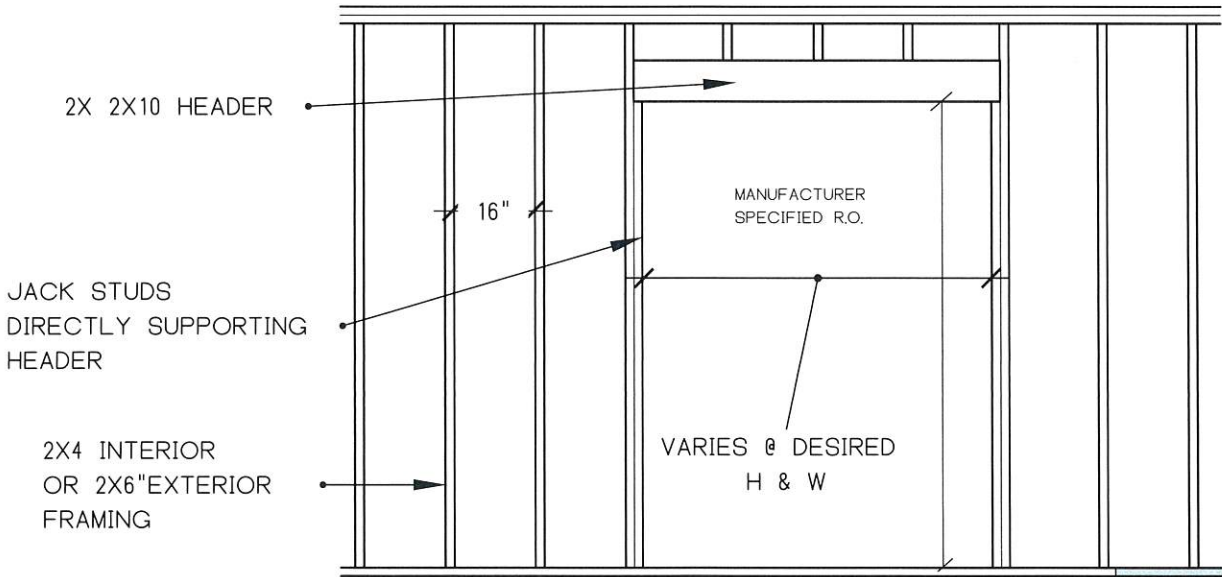
ALL NEWLY CONSTRUCTED WINDOWS AND DOORS WILL BE CONSTRUCTED USING THE SCHEMATIC BELOW.

- A SINGLE BOTTOM PLATE, WHICH WILL BE PRESSURE TREATED IF WITHIN DIRECT CONTACT WITH A CONCRETE SURFACE.
- A CONTINUOUS DOUBLE TOP PLATE OF NON PRESSURE TREATED LUMBER.

TYPICAL WINDOW DETAIL:



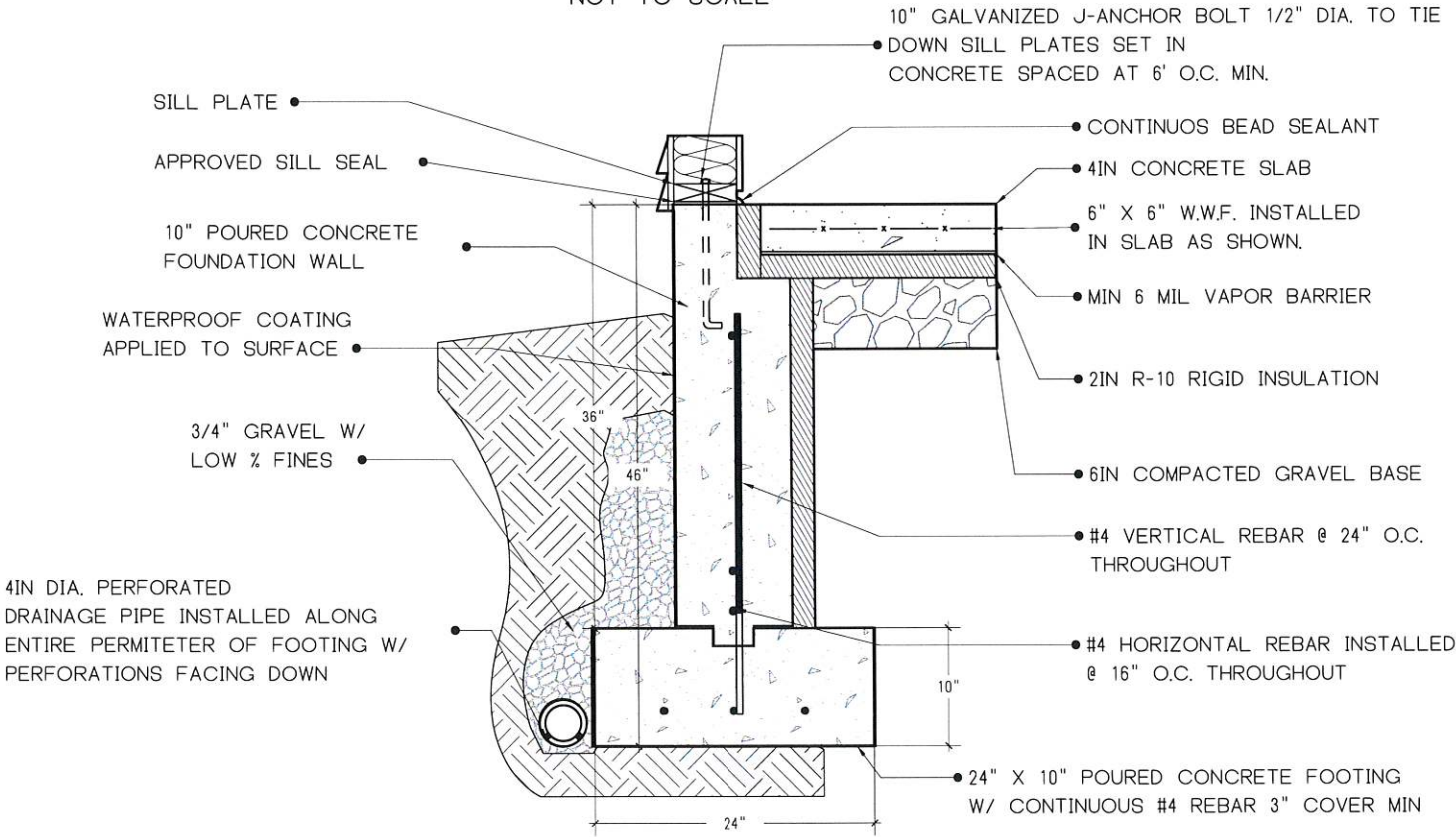
TYPICAL DOOR DETAIL:



2

SHEET
D4

EXTERIOR WALL
GARAGE & SLAB DETAIL
NOT TO SCALE



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ENGINEERING

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DATE:
01.04.23
PROJECT:
HOME ALTERATION
PROJECT NUM:
P109

COMPANY:
CAESAR ENGINEERING D.P.C.
CONTACT:
845.275.3825
contact@caesarengineering.work
ADDRESS:
367 WINDSOR HWY #411
NEW WINDSOR, NY, 12553

SHEET
IDENTIFICATION
D4
CONSTRUCTION
DETAILS
SHEET 5 OF 6 TOTAL SHEETS

1. COPYRIGHT OICLE LAND SURVEYING, PC. ALL RIGHTS RESERVED.

2. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

3. ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED OR INKED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.

4. CERTIFICATIONS ON THIS BOUNDARY SURVEY MAP SIGNIFY THAT THE MAP WAS PREPARED IN ACCORDANCE WITH THE CURRENT EXISTING CODE OF PRACTICE FOR LAND SURVEYS ADOPTED BY THE NEW YORK STATE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS, INC. THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE COMPANY, TO THE GOVERNMENTAL AGENCY, AND TO THE LENDING INSTITUTION LISTED ON THIS BOUNDARY SURVEY MAP.

5. THE CERTIFICATIONS HEREIN ARE NOT TRANSFERABLE.

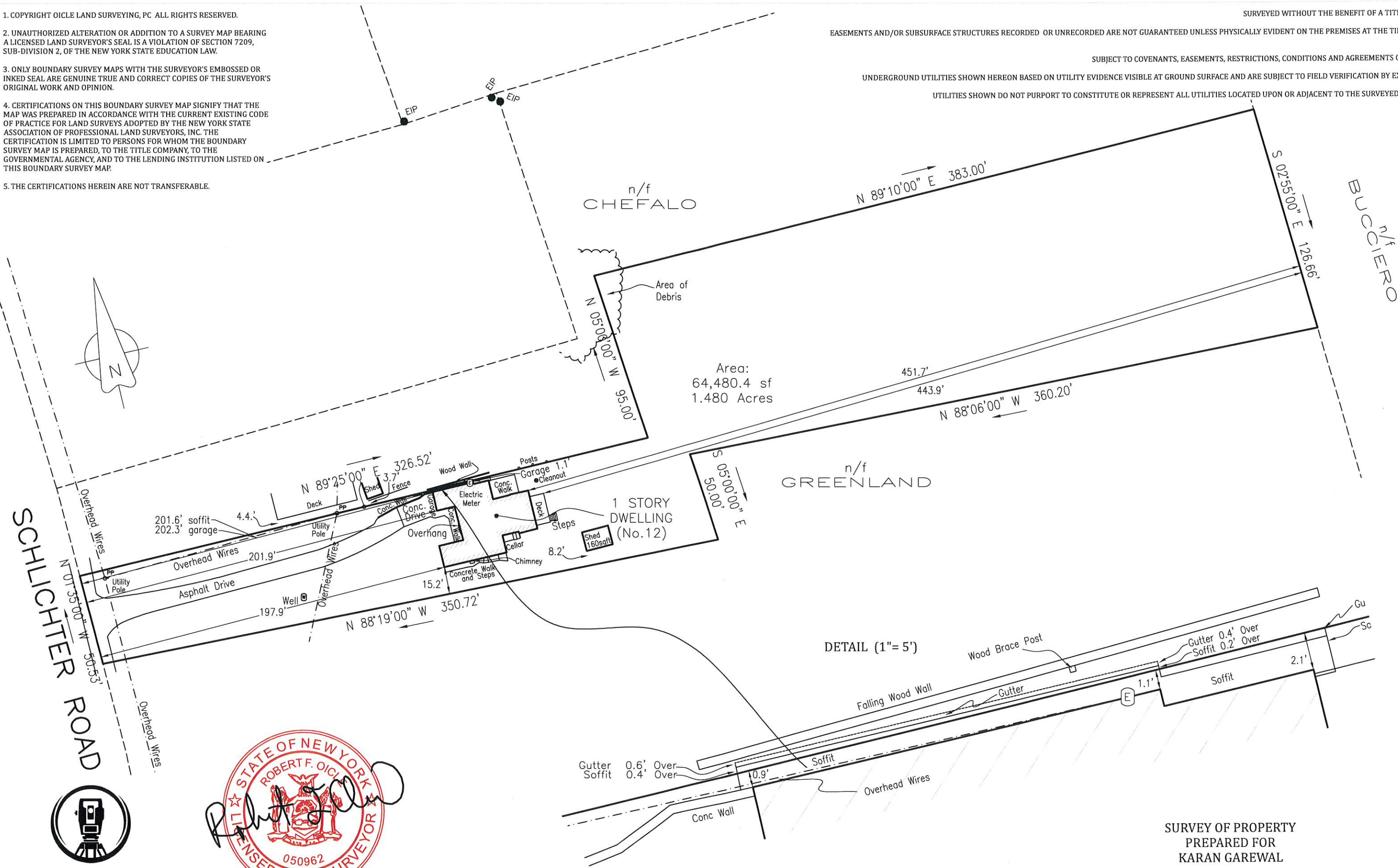
SURVEYED WITHOUT THE BENEFIT OF A TITLE SEARCH

EASEMENTS AND/OR SUBSURFACE STRUCTURES RECORDED OR UNRECORDED ARE NOT GUARANTEED UNLESS PHYSICALLY EVIDENT ON THE PREMISES AT THE TIME OF THE SURVEY

SUBJECT TO COVENANTS, EASEMENTS, RESTRICTIONS, CONDITIONS AND AGREEMENTS OF RECORD

UNDERGROUND UTILITIES SHOWN HEREON BASED ON UTILITY EVIDENCE VISIBLE AT GROUND SURFACE AND ARE SUBJECT TO FIELD VERIFICATION BY EXCAVATION

UTILITIES SHOWN DO NOT PURPORT TO CONSTITUTE OR REPRESENT ALL UTILITIES LOCATED UPON OR ADJACENT TO THE SURVEYED PREMISES



OICLE LAND
SURVEYING
946 Route 376 Unit 10, Wappingers Falls, NY 12590 845.293.0831

STATE OF NEW YORK
ROBERT F. OICLE
LICENSED LAND SURVEYOR
050962
ROBERT F. OICLE, PLS
NYS LIC# 050962

SURVEY OF PROPERTY
PREPARED FOR
KARAN GAREWAL
TOWN OF WAPPINGER, COUNTY OF DUTCHESS, STATE OF NEW YORK
SECTION 6156 BLOCK 02 LOT 986957
SCALE: 1" = 50'
SURVEY DATE: 2022-04-11

Project: 22066