

FRONT ELEVATION SCALE: 1/4" = 1'-0"

GENERAL NOTES

1) THE PRINCIPAL CONTRACTORS AND ALL SUBCONTRACTORS SHALL BE REQUIRED TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD AND NOTIFY THE PROJECT ARCHITECT OF ANY AND ALL DISCREPANCIES, IN WRITING, PRIOR TO COMMENCING ANY WORK, AND BEAR ANY COST TO RECTIFY WORK EXECUTED CONTRARY TO THE INTENT OF THE WORKING DRAWINGS. 2) ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL CODES, SUBCODES, BUILDING AND HEALTH CODE REQUIREMENTS HÁVING JURISDICTION. ALL CONTRACTORS SHALL BE RESPONSIBLE FOR VERIFYING SUCH REQUIREMENTS. 3) ALL CONTRACTORS SHALL OBTAIN AND PAY FOR ALL PERMITS REQUIRED TO COMPLETE THE WORK DEFINED ON THE PLANS; INCLUDING THE COST FOR ALL INSPECTIONS BY AUTHORITIES HAVING JURISDICTION.

4) ALL CONTRACTORS SHALL VERIFY ALL FIELD CONDITIONS AND SHALL HAVE SOLE RESPONSIBILITY FOR VERIFICATION OF DIMENSIONS WITHIN THE PREMISES. ANY DISCREPANCIES SHALL BE REPORTED IN WRITING TO THE PROJECT ARCHITECT PRIOR TO COMMENCING WORK.

5) ALL CONTRACTORS ARE RESPONSIBLE FOR CONTACTING THE PUBLIC UTILITY COMPANIES SUPPLYING UTILITIES TO THE PREMISES, AND FOLLOW THE PRESCRIBED PROCEDURES TO AVOID ANY PROBLEMS OR DISRUPTION OF UTILITY SERVICES; AND BEAR ALL COSTS ARISING FROM KNOWINGLY OR UNKNOWINGLY COMPROMISING EXISTING UTILITY SERVICES. 6) EACH CONTRACTOR SHALL LAY OUT THE WORK AS DESCRIBED HEREIN AND IS SOLELY RESPONSIBLE FOR THE PROPER ESTABLISHMENT AND MAINTENANCE OF ALL LINES AND DIMENSIONS.

9) ALL CONTRACTORS MUST BE CAPABLE OF QUALITY WORKMANSHIP IN HARMONY WITH ALL OTHER TRADES INVOLVED IN THE

10) THE PRINCIPAL CONTRACTORS SHALL HAVE AT ALL TIMES ON THE PREMISES ONE SET OF APPROVED DRAWINGS, AND ONE SET OF BUILDING DEPARTMENT APPROVED DRAWINGS & PERMITS.

11) THE PRINCIPAL CONTRACTORS SHALL CONFIRM PRIOR TO COMMNECING WORK, ANY SPECIFIC WORK OR SERVICE WHICH IS TO BE PERFORMED BY THE OWNER, AND AS FAR AS PRACTICABLE COORDINATE WORK IN HARMONY WITH THE OWNER'S SCHEDULE. 12) THE PRINCIPAL CONTRACTOR SHALL ARRANGE WITH THE OWNER THE LOCATION OF MATERIAL DELIVERY, STORAGE, AND RÉMOVAL; AS WELL AS RUBBISH REMOVAL; FOR THE DURATION OF THE PROJECT.

13) ALL CONTRACTORS INVOLVED IN THIS PROJECT SHALL MAKE APPROPRIATE ARRANGEMENTS FOR UTILITY CONNECTIONS AS RÉQUIRED AND AS AVAILABLE WITHIN THE PREMISES; AND PAY THE COSTS OF HOOK-UP, USE, AND CANCELLATION OF SAME. 14) THE PRINCIPAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF ALL MILLWORK AND FIXTURES TO THE PROJECT ARCHITECT OR OWNER AS APPLICABLE FOR REVIEW AND APPROVAL OF SAME PRIOR TO INSTALLATION.

15) NO SUBSTITUTIONS OF ANY FINISH MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT. THE CONTRACTOR SHALL PROVIDE TWO SAMPLES OF ANY PROPOSED SUBSTITUTION.

16) ALL CONTRACTORS SHALL MAINTAIN CONTINUOUS PROTECTION OF ADJACENT PREMISES IN SUCH A MANNER AS TO PREVENT ANY DAMAGE TO PROJECT WORK OR ADJACENT PROPERTY. CONTRACTORS SHALL UTILIZE LIGHTS, BARRICADES, RAILS, ETC. TO SECURE PROJECT AGAINST ACCIDENT. EACH CONTRACTOR IS INDIVIDUALLY RESPONSIBLE FOR JOB SITE SAFETY 17) BY VIRTUE OF BID SUBMISSION, THE CONTRACTOR IS STATING THEIR RESPONSIBILITY FOR HAVING VISITED THE SITE AND VÉRIFIED EXISTING CONDITIONS AS REFLECTED IN THESE CONSTRUCTION DRAWINGS.

18) ALL CONTRACTORS SHALL BE REQUIRED TO FURNISH THE FOLLOWING MINIMUM COVERAGE AND LIMITS OF LIABILITY A) WORKMAN'S COMPENSATION, AS REQUIRED BY STATE LAW AND INCLUDING EMPLOYER'S LIABILITY INSURANCE

WITH A LIMIT OF NOT LESS THAN \$500,000.00. B) COMPREHENSIVE GENERAL LIABILITY INSURANCE IN AN AMOUNT NOT LESS THAN \$1,000,000.00 FOR ANY ONE

OCCURANCE WHETHER INVOLVING BODILY INJURY OR PROPERTY DAMAGE. SUCH INSURANCE SHALL INSURE THE OWNER AND ARCHITECT AGAINST ANY AND ALL CLAIMS FOR BODILY INJURY, INCLUDING DEATH RESULTING THEREFROM AND DAMAGE TO OR DESTRUCTION OF PROPERTY OF ANY SORT WHATSOEVER.

19) OWNER'S PROTECTIVE LIABILITY INSURANCE; OWNER SHALL PROVIDE PROTECTIVE LIABILITY INSURANCE AS WILL INSURE OWNER AGAINST ANY AND ALL LIABILITY TO THIRD PARTIES FOR DAMAGE BECAUSE OF BODILY INJURY LIABILITY(OR DEATH RESULTING THEREFROM) AND PROPERTY DAMAGE LIABILITY OF OTHERS OR A COMBINATION THEREOF WHICH MAY ARISE FROM WORK IN CONNECTION WITH THE PREMISES, AND ANY OTHER LIABILITY FOR DAMAGES WHICH OWNER'S CONTRACTOR AND/OR SUBCONTRACTORS ARE REQUIRED TO INSURE AGAINST UNDER ANY PROVISIONS HEREIN. SAID INSURANCE SHALL BE PROVIDED IN THE FOLLOWING MINIMUM AMOUNTS:

A) BODILY INJURY; \$1,000,000.00 PER OCCURANCE FOR PERSONAL INJURY AND/OR DEATH. B) PROPERTY DAMAGE LIABILITY; \$500,000.00.

20) ÓWNER'S BUILDER'S RISK INSURANCE (COMPLETED VALUE BUILDER'S RISK MATERIAL DAMAGE INSURANCE COVERAGE) OWNER SHALL PROVIDE AN "ALL PHYSICAL LOSS" BUILDER'S RISK INSURANCE POLICY ON THE WORK TO BE PERFORMED AT THE PREMISES. THE POLICY SHALL INCLUDE AS INSURED, OWNER, PRINCIPAL AND SUBCONTRACTORS, AND PROJECT ARCHITECT AS THEIR INTERESTS APPEAR. THE AMOUNT OF INSURANCE SHALL BE 100% REPLACEMENT COST.

INSURANCE REQUIREMENTS NOT OBTAINED BY THE PRINCIPAL CONTRACTOR AS NOTED ON THE DRAWINGS AND IN THESE GENERAL NOTES WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY OR LIABILITY FOR THIS PROJECT. A COPY OF ALL APPLICABLE INSURANCE PAPERS SHALL BE DELIVERED TO THE OWNER PRIOR TO COMMENCING WORK, FOR RECORD PURPOSES

21) ALL CONTRACTORS, TO THE FULLEST EXTENT PERMITTED BY LAW, DO INDEMNIFY, HOLD HARMLESS, AND DEFEND THE ARCHITECT, HIS CONSULTANTS, EMPLOYEES, OR AGENTS FROM AND AGAINST ANY AND ALL CLAIMS, SUITS, DEMANDS, LIABILITIES, LOSSES, DAMAGES, AND COSTS; INCLUDING BUT NOT LIMITED TO COSTS OF DEFENSE, ARISING IN WHOLE OR IN PART OUT OF THE NEGLIGENCE OF THE CONTRACTOR, IT'S SUBCONTRACTORS, THE OFFICERS, EMPLOYEES, AGENTS, AND SUBCONTRACTORS OF ANY OF THEM, OR ANYONE FOR WHOSE ACTS ANY OF THEM MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT SUCH LOSSES ARE CAUSED IN PART BY A PARTY INDEMNIFIED HEREUNDER.

22) IF THE FOREGOING REQUIREMENTS ARE NOT MET BY EACH CONTRACTOR, THAT CONTRACTOR REMAINS OBLIGATED TO INDEMNIFY AND HOLD HARMLESS THE ARCHITECT, HIS CONSULTANTS, EMPLOYEES, AGENTS AND ALL OTHER STATED INSUREDS FROM AND AGAINST ANY AND ALL LOSSES WHICH WOULD HAVE BEEN INDEMNIFIED AND INSURED AGAINST BY THE CONTRACTOR. BUT WERE NOT.

23) THE PRINCIPAL CONTRACTORS ARE REQUIRED TO FAMILIARIZE ALL PERSONS AND SUBCONTRACTORS WORKING ON THIS PROJECT WITH THESE GENERAL NOTES AND THE CONTRACT DRAWINGS HEREIN. WORK DECLARED UNACCEPTABLE BY THE OWNER, OR THE ARCHITECT SHALL BE CORRECTED BY THE APPLICABLE CONTRACTOR(S) AT NO ADDITIONAL CHARGE. 24) EACH CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP AND MATERIALS FOR À PERIOD OF ONE YEAR FROM THE DATE OF AĆCEPTANCE, UNLESS OTHERWISE NOTED. IF ANY SUCH CLAIM TO REPAIR OR REPLACE WORK COVERED BY THE GUARANTEE INVOLVES PROPERTY OR WORK NOT BELONGING TO THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE QUALITY AND WORKMANSHIP OF THE ADJACENT WORK.

25) NO CHANGE ORDERS WILL BE VALID WITHOUT THE WRITTEN ACEPTANCE AND APPROVAL OF THE ARCHITECT AND THE OWNER. 26) SIGNED AND EXECUTED WAIVERS OF ANY AND ALL LIENS SHALL BE DELIVERED PRIOR TO FINAL PAYMENTS.

27) ROUGH AND FINISH CARPENTRY; ALL DIMENSIONAL FRAMING LUMBER SHALL BE DOUG FIR NO 2 OR BETTER WITH THE FOLLOWING MINIMUM PROPERTIES: FB=1300;FT=675; FC=1200(PARALLEL; FV=95; FC=405(PERP); E=1600000. USE TWO TECO U-GRIP JOIST HANGERS AT ALL FLUSH CONNECTIONS OF BEAMS AND JOISTS. JOIST LOCATIONS AT TOILET TRAPS MODIFIED TO AVOID CUTTING.

28) EXTERIOR SIDING AND TRIM AS NOTED ON DRAWINGS. WALL SHEATHING SHALL BE 1/2" CDX STRUCTURAL PLYWOOD.ROOF SHEATHING SHALL BE 5/8" CDX PLYWOOD.

29) INTERIOR WOOD TRIM SHALL BE FINGER JOINTED FIR OR MDF PREPARED FOR PAINT FINISH OR CLEAR PINE PREPARED FOR STAIN FINISH, DEPENDING ON OWNER'S INTERIOR FINISH SELECTIONS. BASEBOARD TRIM, DOOR AND WINDOW CASINGS, ETC. PROFILE AND PATTERN AS SELECTED BY OWNER AND NOTED ON THE PLANS.

30) GYPSUM WALL BOARDS AND CEILING BOARDS (1/2" THICK) SHALL BE TAPERED EDGE FOR PERF-A-TAPE JOINT SYSTEM AS MÁNUFACTURED BY U S GYPSUM. TAPE AND SPACKLE ALL JÓINTS WITH 3 COATS OF SPACKLE AND READY TO RECEIVE PAINT FINISH. ALL CORNERS TO RECEIVE BEADED EDGES. ALL BOARDS SCREWED AND GLUED TO FRAMING BATHROOM WALLS TO RECEIVE WATER RESISTANT TYPE. CONTRACTOR SHALL PROVIDE ADD/ALTERNATE FOR 5/8" GYPSUM BOARD.

31) GLASS AND GLAZING; PROVIDE ANDERSEN CORPORATION 400 SERIES DOOR AND WINDOW UNITS, OF WHITE VINYL CLAD CONSTRUCTION, WITH ARGON FILLED LOW E INSULATING GLASS, AND INSECT SCREENS. ALL UNITS TO BE WEATHERSTRIPPED. CAULKED, AND OTHERWISE SEALED AT ALL EXTERIOR JOINTS. MODEL NUMBERS BEGINNING WITH "A" DENOTE "A" SERIES UNITS. 32) ROOFING AND FLASHING; NEW ROOFING TO BE 30 YEAR ASPHALT SHINGLES, GAF TIMBERLINE, OR EQUAL 33) FURNISH AND INSTALL .032" ALUM FLASHING WHERE NOTED. AT FLASHING LOCATIONS INVOLVING PRESSURE TREATED LUMBER

USE SELF ADHERING MEMBRANE FLASHING BY CARLISLE, OR EQUAL. 34) ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE CAULKED WITH APPROPRIATE SEALANTS OF WATER BASED CÓMPOSITION AND CLEAR FINISH.

35) INSULATION; PROVIDE AND INSTALL INSULATION AS SHOWN ON DRAWINGS BUT NOT LESS THAN THE FOLLOWING: R-21 FOR 6" EXTERIOR WALLS, R-38 FOR CEILING, R-30 FOR FLOORS OVER BASEMENT/CRAWLSPACE. ALL INSULATION OWENS CORNING 3.5# DENSITY FIBERGLASS WITH PAPER FACE.

36) PAINT; ALL PAINTED SURFACES TO RECEIVE ONE PRIME COAT AND ONE FINISH COAT, MATERIAL COMMENSURATE WITH LOCATION, COLOR AND FINISH AS SELECTED BY OWNER. ALL STAINED SURFACES TO RECEIVE TWO FINISH COATS. 37) PLUMBING; ALL WORK SHALL CONFORM TO LATEST EDITION NATIONAL PLUMBING CODE, AND REQUIREMENTS OF LOCAL PLUMBING SUBCODE OFFICIAL.

38) ELECTRICAL; ALL WORK SHALL CONFORM TO LATEST EDITION NATIONAL ELECTRIC CODE, AND REQUIREMENTS OF LOCAL ELECTRIC SUBCODE OFFICIAL.

39) HVAC; THE HEATING SYSTEM SHALL COMPLY WITH ASHRAE AND SMACNA STANDARDS. CONTRACTOR SHALL SIZE, LOCATE, AND PROVIDE ALL SYSTEM COMPONENTS INCLUDING BASEBOARD, PIPING, INSULATION, DUCTWORK, AND ALL OTHER PARTS OF THE MECHANICAL SYSTEM TO COMPLY WITH CODE AND COMFORT REQUIREMENTS. THE CONTRACTOR SHALL DETERMINE THE ACTUAL LENGTH AND LOCATION OF DELIVERY AND CONDUCTION/CONVEYANCE COMPONENTS, AND THERMOSTATS REQUIRED FOR PROPER PERFORMANCE. THE SYSTEM SHALL BE CAPABLE OF MAINTAINING THE FOLLOWING CONDITIONS:

INSIDE D.B. %R.H 70 DEG F -**WINTER** SUMMER 80 DEG F 50%

BUILDING INFO CODE: IRC/IBC 2018 NJ EDITION NJAC 5-23,6 USE GROUP R5 CONST CLASS 5B SOIL BEARING CAPACITY: 3000PSF LIVE LOAD CRITERIA: 30 PSF GROUND SNOW 40 PSF 1ST & 2ND FLOORS 110 MPH WIND SPEED

EXPOSURE "B" FLOOR AREA: 1ST FL AREA 3817 SF 2ND FL AREA 2976 SF TOTAL HABITABLE 6793 SF

BLDG VOLUME: BASEMENT/FOUNDATION 32,668 CF FRAME 82,444 CF TOTAL 114,112 CF

BLDG HEIGHT

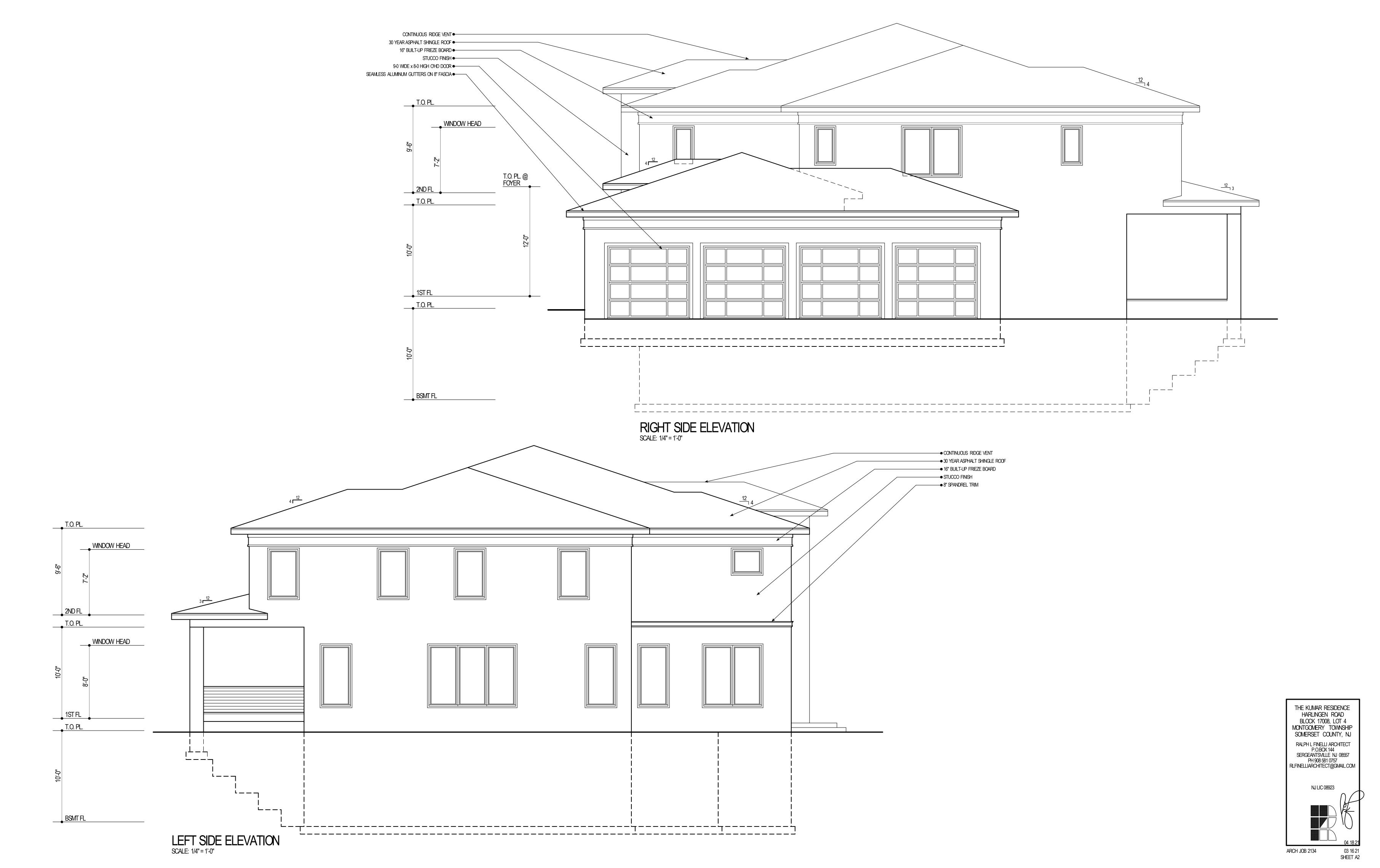
2 ST / 31'-0" +/-

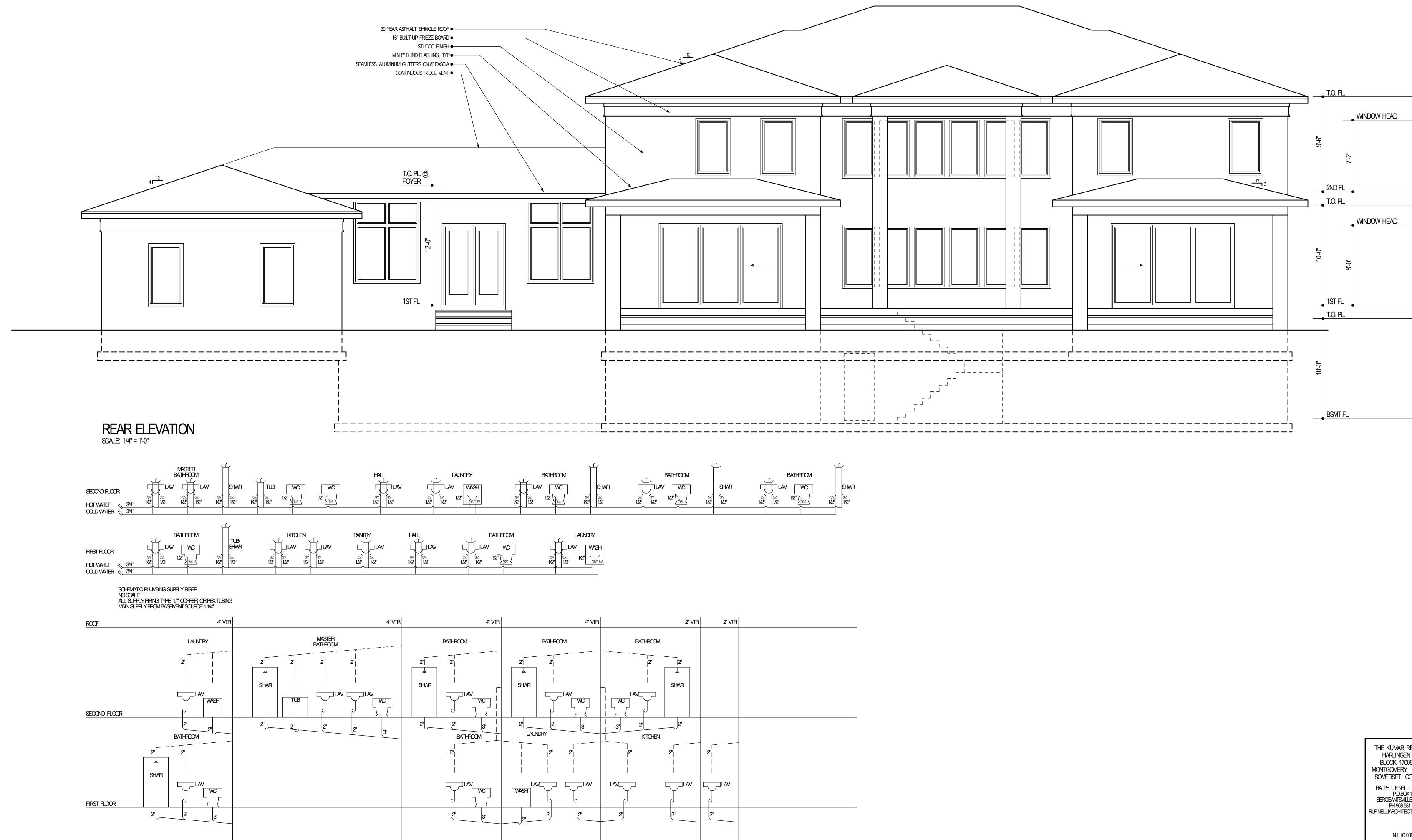
THE KUMAR RESIDENCE

HARLINGEN ROAD BLOCK 17008, LOT 4 MONTGOMERY TOWNSHIP SOMERSET COUNTY, NJ RALPH L FINELLI ARCHITECT P.O.BOX 144 SERGEANTSVILLE NJ 08557 PH 908 581 0757
RLFINELLIARCHITECT@GWAIL.COM

NJ LIC 08923

ARCH JOB 2134





C.O.

PLUMBING RISER SCHEMATIC (NO SCALE)
ALL SUPPLY PIPING TYPE "L" COPPER, OR PEXTUBING
ALL WASTE AND VENT SCHEDULE 40 PVC

▼ TO SANITARY

C.O.

C.O.

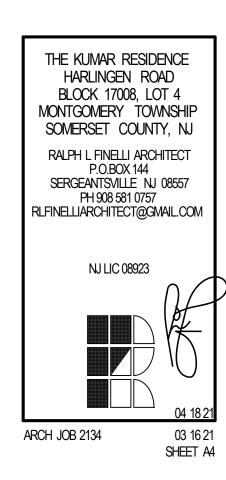
THE KUMAR RESIDENCE
HARLINGEN ROAD
BLOCK 17008, LOT 4
MONTGOMERY TOWNSHIP
SOMERSET COUNTY, NJ
RALPH L FINELLI ARCHITECT
P.O.BOX 144
SERGEANTSVILLE NJ 08557
PH 908 581 0757
RLFINELLIARCHITECT@GMAIL.COM

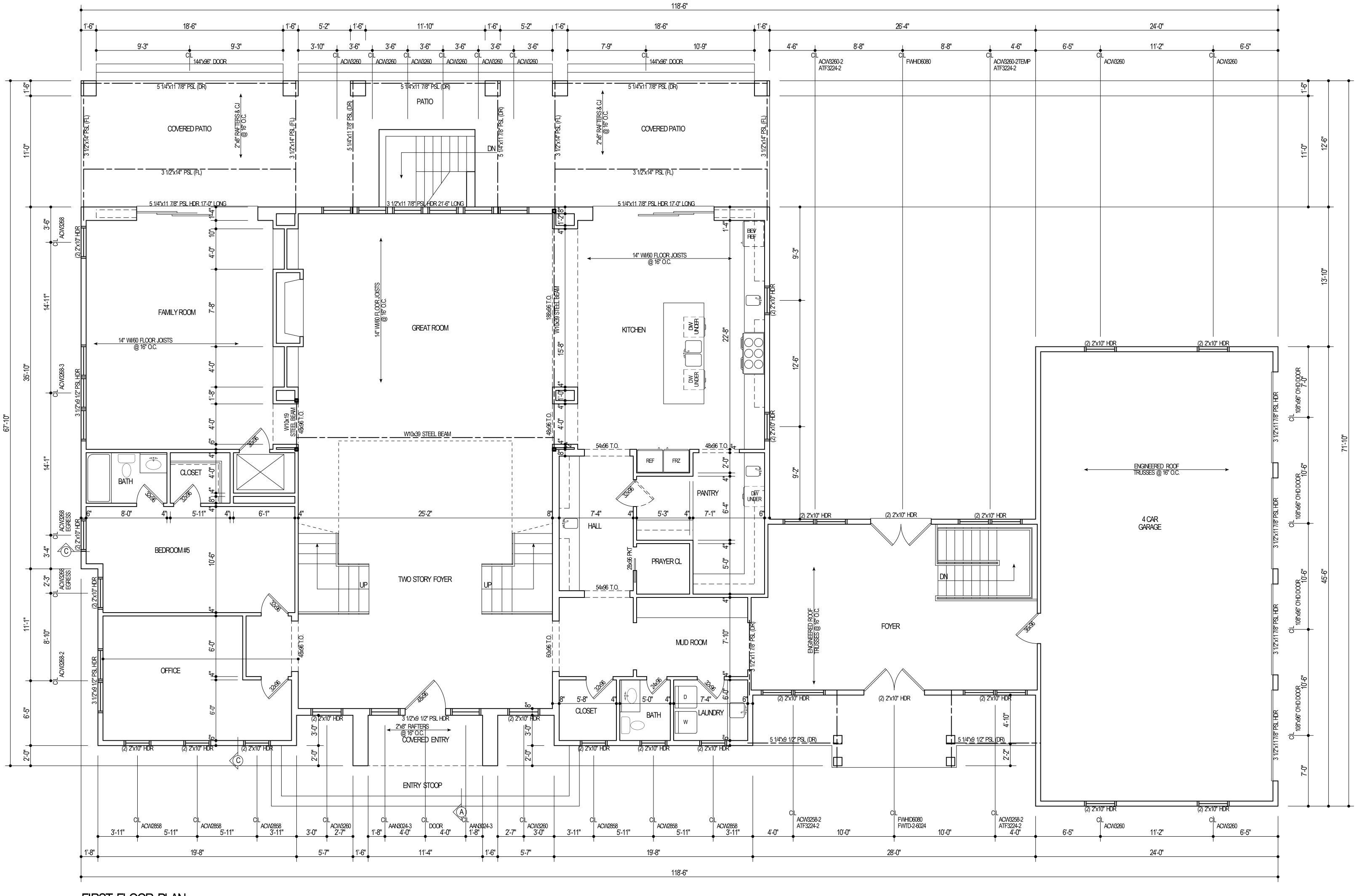
NJ LIC 08923

04 18 21

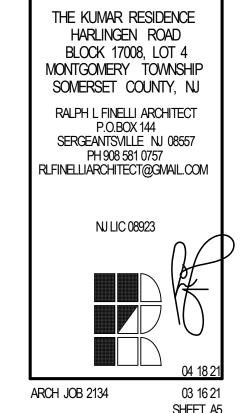
ARCH JOB 2134

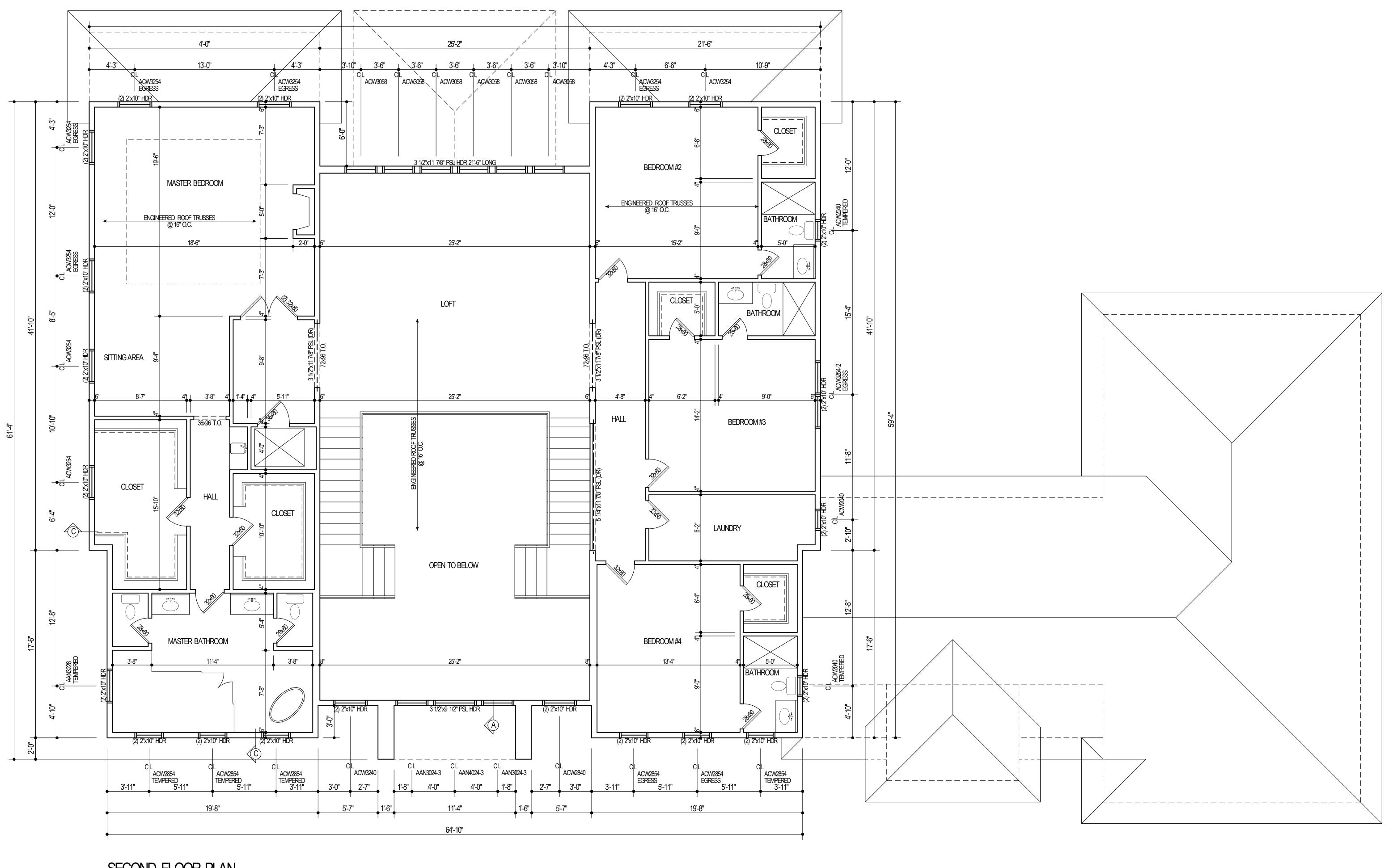
03 16 21



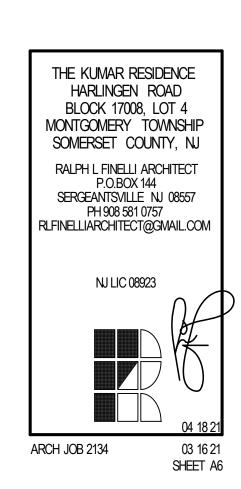


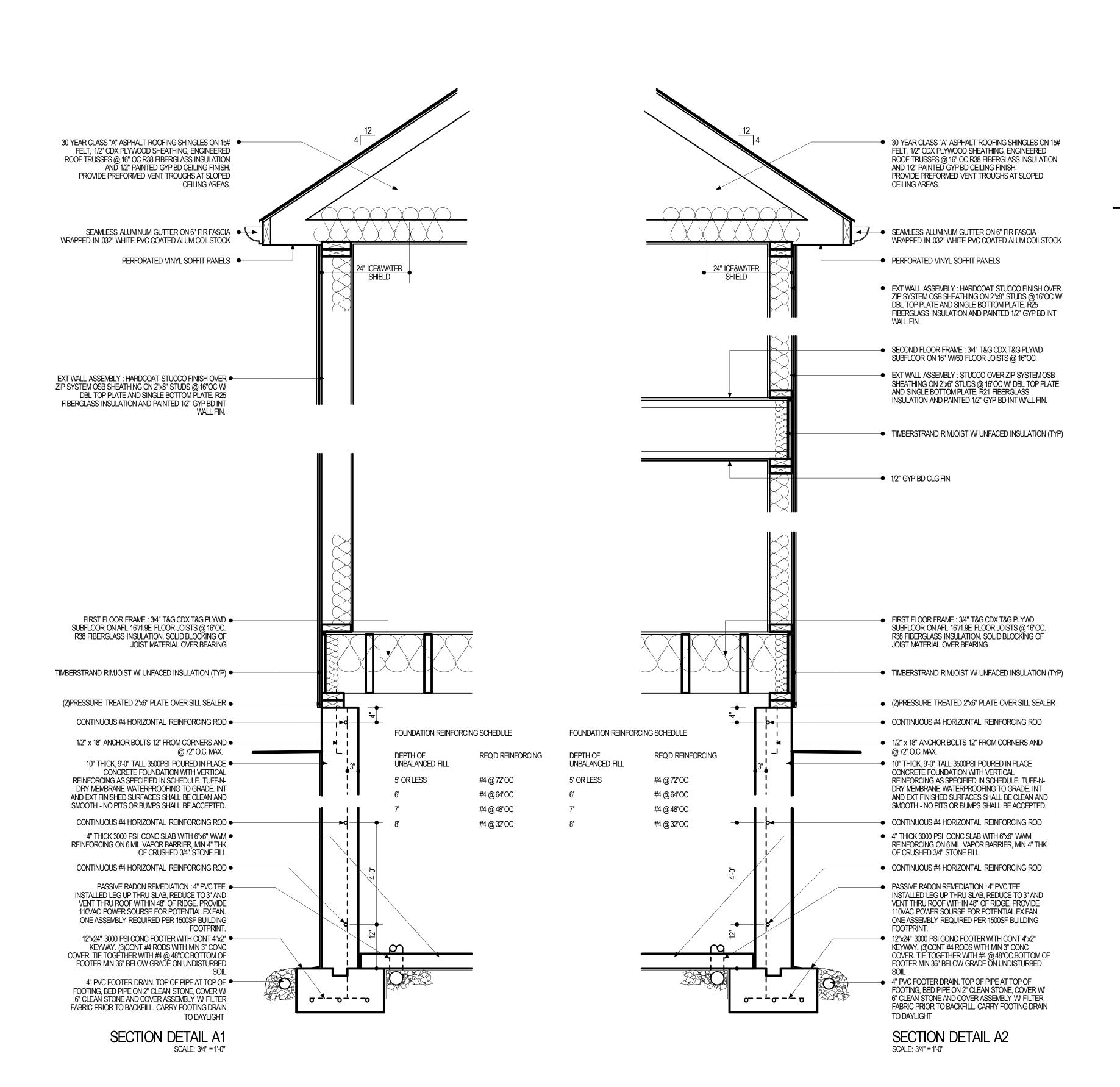
FIRST FLOOR PLAN SCALE: 1/4" = 1'-0"

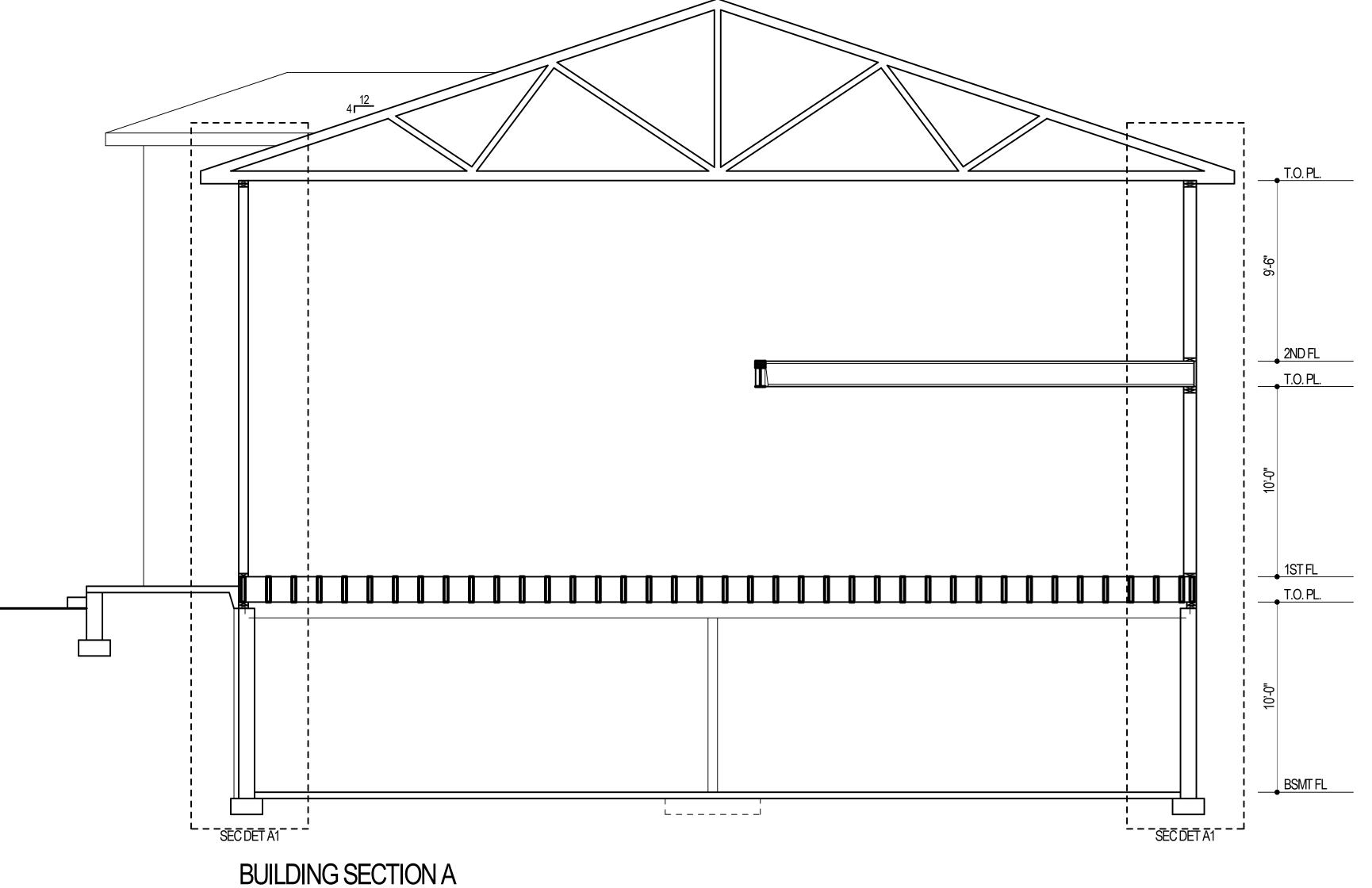




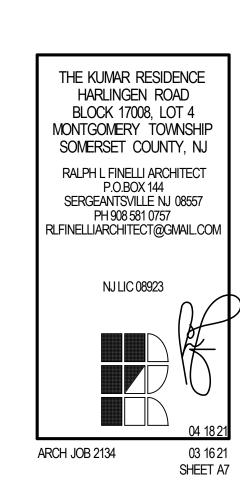
SECOND FLOOR PLAN SCALE: 1/4" = 1'-0"

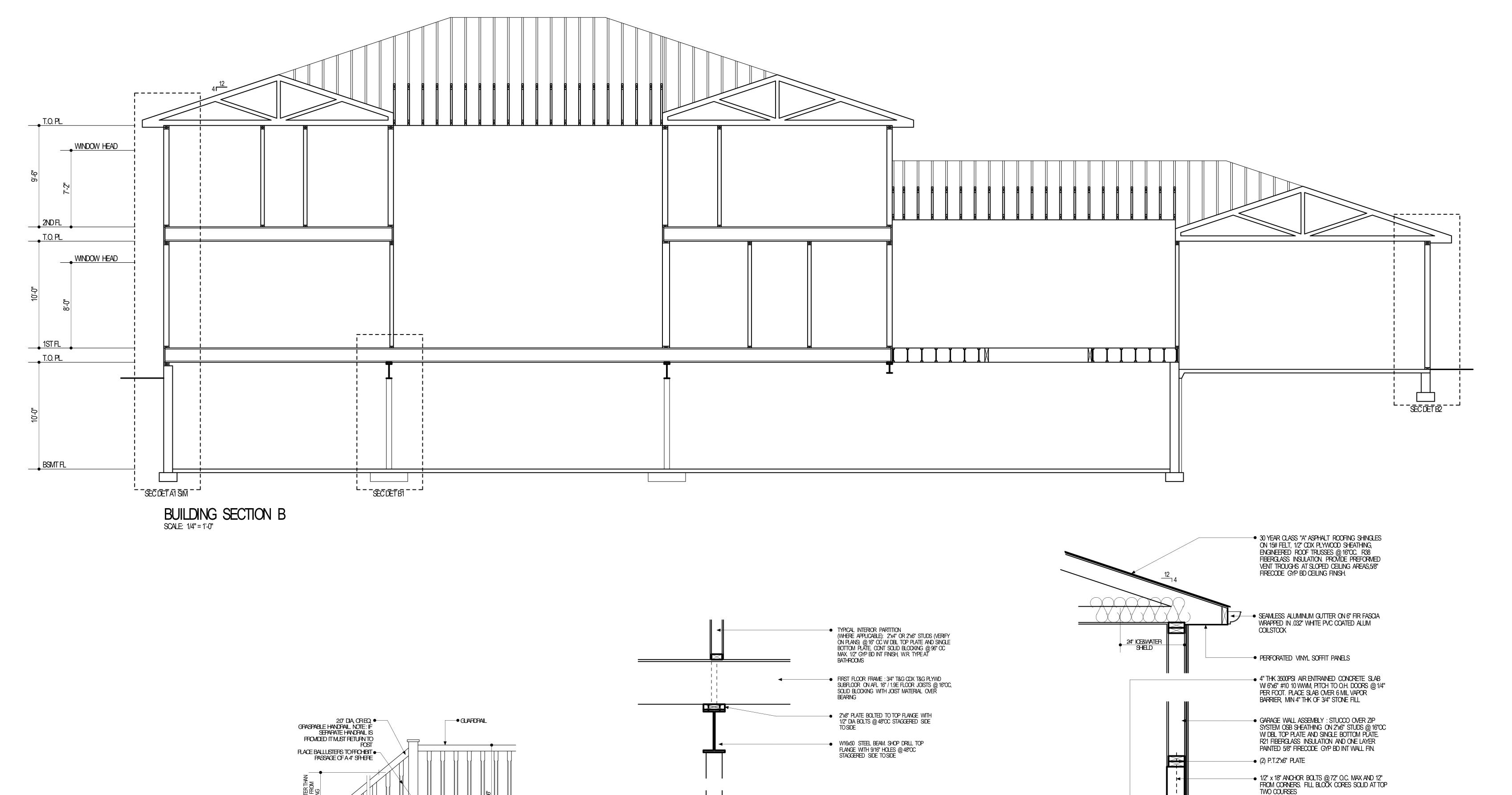






SCALE: 1/4" = 1'-0"





• 6'x6'x1/2" WALL THICKNESS STEEL COLUMN WITH 12'x12'x1/2" THICK BASE PLATE

4" THICK 3000PSI CONC FLOOR SLAB OVER

SECTION DETAIL B1

SCALE: 3/4" =1'-0"

5-0'x5-0'x12" THK 3000 PSI CONC FOOTER W/#4 RODS @ 12"OC EACH WAY. MAINTAIN 3" COVER AT ALL REINFORCING.

6 MIL V.B., 4" THICK OF 3/4" GRAVEL

NOT LESS THAN 34" NOR GREA 38" MEASURED VERTICALLY LEADING EDGE OF NOSI

> 825 MAX

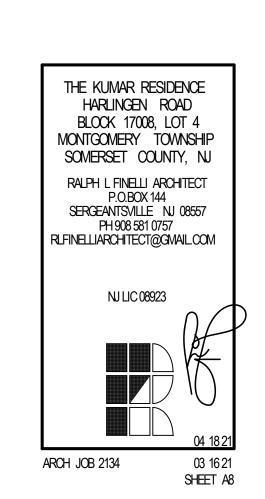
9'MN 3/4' MAX

NOSING NOSING

● P.T. 2'x10' THEADWITH DECK MATERIAL COMER

STAIRS, HANDRAIL, &

GUARDRAIL DIMENSIONS



→ FORM 4" SHELF FOR SLAB

SPECIFIED IN SCHEDULE.

→ CONTINUOUS #4 HORIZONTAL REINFORCING ROD

 10" THICK 3500PSI POURED IN PLACE CONCRETE FOUNDATION WITH VERTICAL REINFORCING AS

● 12"x24" 3000 PSI CONC FOOTER WITH CONT

CONC COVER. TIÉ TOGETHER WITH #4 @ 48"OC.BOTTOM OF FOOTER MIN 36" BELOW

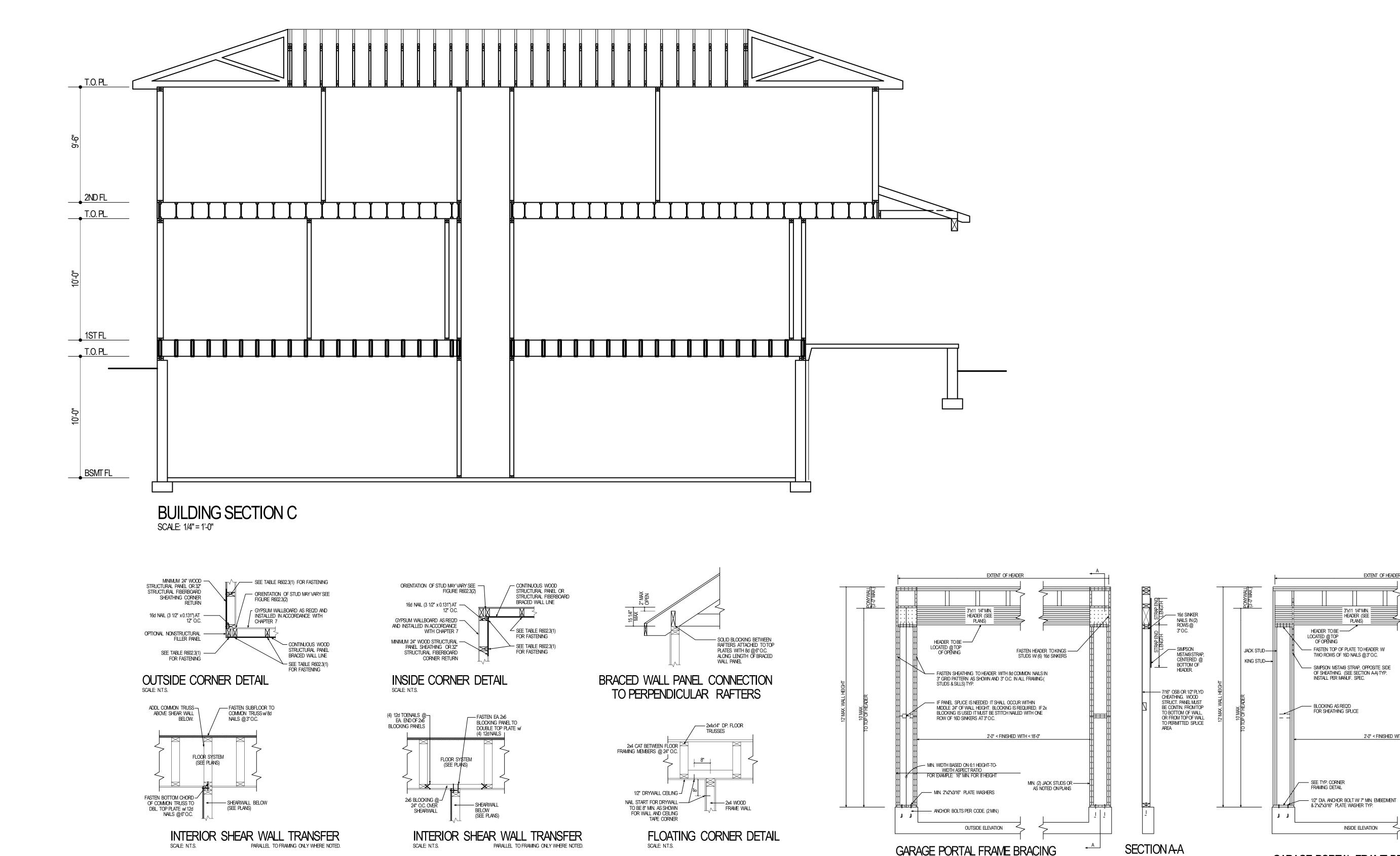
GRADE ON UNDISTURBED SOIL

SECTION DETAIL B2

SCALE: 3/4" =1'-0"

σ - - - - σ

4"x2" KEYWAY. (2)CONT #4 RODS WITH MIN 3"



FULL HEIGHT BLOCKING -

- 8d @6" O.C. ALONG BRACED WALL PANEL

← BRACED WALL PANEL

3-16d @16"O.C. ALONG BRACED WALL PANEL

CONTINUOUS ALONG LENGTH OF BRACED WALL PANEL

FULL HEIGHT BLOCKING —/ CONTINUOUS ALONG LENGTH OF BRACED WALL PANEL

BRACED WALL PANEL CONNECTION WHEN

PERPENDICULAR TO FLOOR/CEILING FRAMING

- CONTINUOUS RIMOR

BAND JOIST

PERPENDICULAR FRAMING

— 8d @ 6" O.C. ALONG BRACED WALL PANEL

3-16d @ 16" O.C. ALONG BRACED WALL PANEL

PERPENDICULAR FRAMING

— CONTINUOUS RIMOR BAND JOIST

- CONTINUOUS RIMOR

>— &d @ 6" O.C. ALONG BRACED WALL PANEL

3-16d @ 16" O.C. ALONG BRACED WALL PANEL

- CONTINUOUS RIM OR BAND JOIST

BAND JOIST

- ADDITIONAL FRAMING

MEMBER DIRECTLY ABOVE BRACED WALL PANEL

─— 8d @6" O.C. ALONG BRACED

WALL PANEL

BRACED WALL PANEL

3-16d @16"O.C. ALONG BRACED WALL PANEL

ADDITIONAL FRAMING

MEMBER DIRECTLY ABOVE BRACED WALL

BRACED WALL PANEL CONNECTION WHEN PARALLEL TO

FLOOR/CEILING FRAMING

- FULL HEIGHT BLOCKING

TOE NAIL 3-8d

NAILS AT EACH BLOCKING MEMBER

/— 3-16d @16" O.C. ALONG BRACED WALL PANEL

_ 2-16d NAILS EACH SIDE

FULL HEIGHT BLOCKING @ 16" O.C. ALONG BRACED WALL

BRACED WALL PANEL

GARAGE PORTAL FRAME BRACING

SEE TABLE R602.3(1) FOR FASTENING - MINIMUM 24" WOOD STRUCTURAL PANEL SHEATHING OR 32"

STRUCTURAL FIBERBOARD SHEATHING (BOTH EDGES AT CORNERS)

- SEE TABLE R602.3(1) FOR

- OPTIONAL NONSTRUCTURAL FILLER PANEL

FASTENERS ON BOTH STUDS

AT EACH PANEL EDGE

EXTERIOR ELEVATION

GYPSUM WALLBOARD AS -

REQ'D AND INSTALLED IN ACCORDANCE WITH

16d NAIL (3 1/2" x 0.131") AT ---

GARAGE DOOR CORNER

CONNECTION CRITERIA

6d COMMON (2" x 0.113") NAILS AT 6" SPACING (PANEL EDGES) AND AT 12" SPACING (INTERMEDIATE SUPPORTS) OR 16 GA x 1 3/4

STAPLES AT 3" SPACING (PÁNEL EDGES) AN 6" SPACING (INTERMEDIATE SUPPORT)

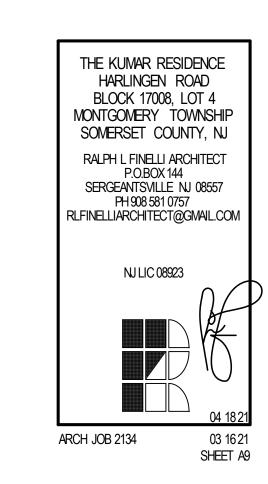
OPTIONAL BLOCKING FOR ----

CONTINUOUS WOOD —/ STRUCTURAL PANEL OR FIBERBOARD BRACED WALL LINE

GYPSUM WALLBOARD

CHAPTER 7

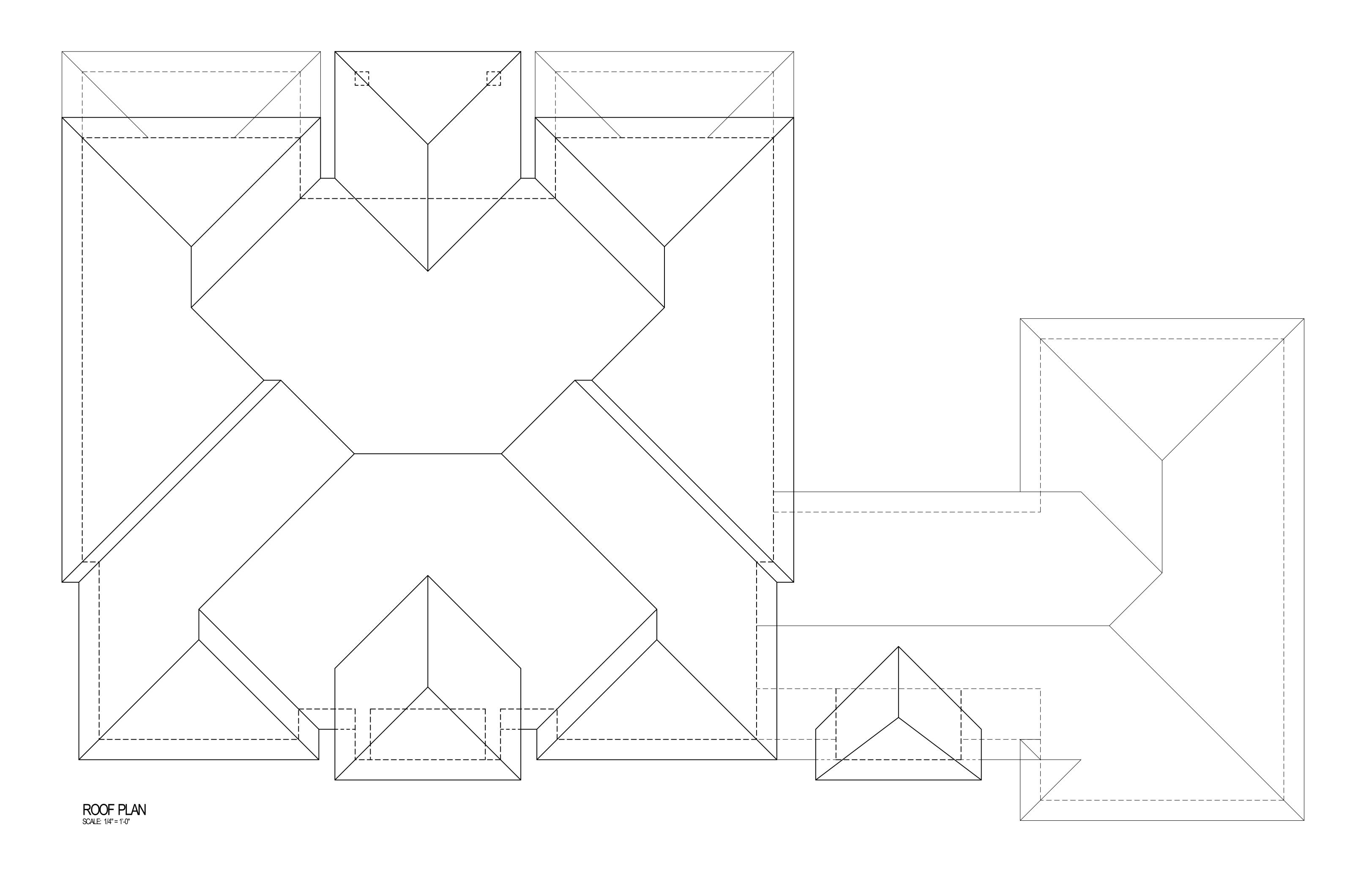
NOTE: ALL SHEATHABLE AREAS OF EXTERIOR WALLS FULLY SHEATHED WITH 1/2" PLYWOOD OR 7/16" OSB



2'-0" < FINISHED WITH < 18'-0"

GARAGE PORTAL FRAME BRACING INTERIOR

ELEVATION



THE KUMAR RESIDENCE
HARLINGEN ROAD
BLOCK 17008, LOT 4
MONTGOMERY TOWNSHIP
SOMERSET COUNTY, NJ
RALPH L FINELLI ARCHITECT
P.O.BOX 144
SERGEANTSVILLE NJ 08557
PH 908 581 0757
RLFINELLIARCHITECT@GMAIL.COM

NJ LIC 08923

04 18 21

ARCH JOB 2134
03 16 21
SHEET A10

