CONSTRUCTION DATA	
USE GROUP	R3
CONSTRUCTION TYPE	5B
LIVING AREA	
FIRST FLOOR	1,647 SQ. FT
SECOND FLOOR	2,178 SQ. FT.
TOTAL LIVING AREA	3,825 SQ. FT.
BASEMENT	567 SQ. FT.
GARAGE	623 SQ. FT.
BUILDING VOLUME	40,118 CU. FT.
BUILDING HEIGHT	28'–6" AVG. GRADE TO RIDGE
STORIES	2
BEDROOMS	4

GENERAL

1. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING LOCAL MUNICIPAL CODES AND SPECIFICATIONS (INCLUDING SUPPLEMENTS) FOR THIS TYPE OF CONSTRUCTION. THE STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE TO THE INTERNATIONAL RESIDENTIAL CODE, 2018 NEW JERSEY EDITION (IRC 2018), AS ADOPTED BY THE STATE OF NEW JERSEY
2. THESE GENERAL NOTES ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES (IF APPLICABLE).
3. THE CONTRACTOR SHALL NOT MAKE DEVIATIONS FROM THE DESIGN DOCUMENTS WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT AND/OR ENGINEER OF RECORD (E.O.R.)
4. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND ALL OTHER APPLICABLE DISCIPLINE DRAWINGS. ANY CONFLICT BETWEEN NOTES, DETAILS, AND SPECIFICATIONS, THE MOST RIGID REQUIREMENTS SHALL GOVERN.
5. THE STRUCTURE IS DESIGNED AS SELF SUPPORTING AFTER THE BUILDING IS FULLY COMPLETED. TEMPORARY BRACING, SHEETING, SHORING, ETC., TO ENSURE THE STRUCTURAL STABILITY OF THE NEW STRUCTURE, EXISTING STRUCTURES, SIDEWALKS, UTILITIES, ETC., IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE LOCAL JURISDICTION. ALL CONSTRUCTION PROCESSES SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS.
6. LOADS GREATER THAN THE INDICATED DESIGN LIVE LOADS SHALL NOT BE PLACED ON THE STRUCTURE.
7. DRAWINGS DO NOT INDICATE ALL OPENINGS, EQUIPMENT PADS, HANGERS, SLEEVES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK AND COORDINATION INVOLVED TO PROVIDE OPENINGS SHOWN ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
8. CONTRACTOR SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING ANY CONSTRUCTION. STRUCTURAL MEMBER INFORMATION INDICATED AS 'EXISTING' ON DRAWINGS WAS OBTAINED DURING LIMITED FIELD OBSERVATIONS AND/OR FROM LIMITED DRAWINGS IF AVAILABLE. ACTUAL CONDITIONS MAY DIFFER FROM THAT WHICH IS INDICATED ON PLAN. IF FIELD CONDITIONS VARY FROM THOSE SHOWN ON CONTRACT DOCUMENTS, THE CONTRACTOR IS TO CONTACT THE ARCHITECT IMMEDIATELY. ALL FIELD DIMENSIONS ARE TO BE VERIFIED AND NOTED AS SUCH ON SHOP DRAWING PRIOR TO FABRICATION OF ANY NEW STRUCTURAL MEMBERS.
9. CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE ENGINEER FREE AND HARMLESS OF ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
10. REFER TO ARCHITECTURAL DRAWINGS FOR WATERPROOFING DETAILS.
11. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL DIMENSIONS AND INFORMATION NOT SHOWN. WORKING DIMENSIONS SHALL NOT BE SCALED FROM STRUCTURAL PLANS, SECTIONS, OR DETAILS.
12. ALL SECTIONS AND DETAILS, WHETHER EXPLICITLY CUT ON PLAN OR NOT, SHALL BE CONSIDERED TYPICAL AND SHALL APPLY AT SIMILAR CONDITIONS. SIGNIFICANT ADJUSTMENTS ACCOUNTING FOR VARYING CONDITIONS IN THE FIELD SHOULD BE SUBMITTED TO THE E.O.R. FOR APPROVAL AND BE RESOLVED PRIOR TO BEGINNING WORK.
13. ANY PROPOSED SUBSTITUTIONS OR CHANGES BY THE CONTRACTOR MAY BE SUBMITTED TO THE ARCHITECT/E.O.R FOR APPROVAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL COSTS INCLUDING ENGINEERING FEES FOR REVIEW, STRUCTURAL CALCULATIONS, AND DRAWING REVISIONS. THE CONTRACTOR SHALL ALSO PROCESS THE REVISED PLANS REFLECTING ALL SUBSTITUTIONS THROUGH THE APPROPRIATE OFFICE OF ALL GOVERNING AGENCIES.
14. INSPECTIONS TO BE PERFORMED, COORDINATED BY THE CONTRACTOR, BY THE LOCAL BUILDING OFFICIAL

FOUNDATIONS

1. SHALLOW FOUNDATION SYSTEM IS TO BEAR ON UNDISTURBED SOIL OR CONTROLLED COMPACTED FILL WITH AN ASSUMED BEARING CAPACITY OF 2000 PSF PER TABLE IRC 2015 R401.4.1. CONTRACTOR TO VERIFY. EOR ASSUMES NO LIABILITY FOR THESE DESIGN ASSUMPTIONS OR FOR ANY FOUNDATION REDESIGN NECESSITATED BY DIFFERING SOIL CONDITIONS.
2. CONCRETE SLAB ON GRADE (MIN. REQMT'S. PER IRC 2009 R506) TO BE UNDERLAIN BY A BEDDING OF CLEAN, CRUSHED STONE (4" MIN THICKNESS) ON A VAPOR RETARDER AS NOTED. SUBGRADE TO BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY PER ASTM D-698. ANY UNSUITABLE, LOOSE SOILS ENCOUNTERED TO BE REPAIRED OR REPLACED TO ATTAIN A FIRM SUBGRADE THROUGHOUT.
2. CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL UTILITY SERVICES IN THE AREA PRIOR TO ANY EXCAVATION WORK.
3. CONTRACTOR IS RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING SHEETING/SHORING OF ADJACENT PROPERTY, STRUCTURES, STREETS/SIDEWALKS, UTILITIES. ALL PROCEDURES SHALL BE IN COMPLIANCE WITH WITH LOCAL BUILDING CODES, REGULATIONS, AND SAFETY REQUIREMENTS.
4. PRIOR TO POURING FOUNDATIONS, THE OWNER'S GEOTECHNICAL ENGINEER SHALL VERIFY THE BEARING CAPACITY AND SUITABILITY OF SUBGRADE. IF BEARING CAPACITY IS NOT ADEQUATE AT THE ELEVATIONS NOTED ON PLAN, FOOTING ELEVATION MUST BE LOWERED UNTIL SUITABLE BEARING MATERIAL IS ENCOUNTERED.
5. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 3'–6" BELOW FINISHED EXTERIOR GRADE OR AS OTHERWISE INDICATED ON THE STRUCTURAL DRAWINGS. PROTECT GRADE SLABS AND FOOTINGS DURING CONSTRUCTION FROM FROST HEAVE UNTIL PERMANENTLY ENCLOSED OR BACKFILLED.
6. REFER TO CIVIL AND/OR ARCHITECTURAL DRAWINGS FOR FOUNDATION DRAINAGE, WATERPROOFING SYSTEM, AND RELATED DETAILS AND MATERIALS.
7. GENERAL CONTRACTOR TO COORDINATE BOTTOM OF FOOTING/FOUNDATION ELEVATIONS WITH FINAL UTILITY INVERT ELEVATIONS PRIOR TO POURING FOUNDATIONS.
8. DO NOT BACKFILL CONCRETE FOUNDATION WALLS UNTIL MINIMUM 7-DAYS AFTER POUR.
9. BACKFILL AGAINST NON-RETAINING WALLS EVENLY SO THAT GRADE DIFFERENCE ON EITHER SIDE IS NO MORE THAN 1'–0" AT ANY TIME.
10. WALLS SUPPORTED BY SLAB ON GRADE AT TOP TO BE BRACED UNTIL SLAB HAS REACHED REQUIRED STRENGTH. BRACING SHALL BE THE RESPONSIBLY OF THE CONTRACTOR.
11. WALLS SUPPORTED BY FLOOR SYSTEM AT TOP TO BE BRACED (OR NOT BACKFILLED) UNTIL FLOOR SYSTEM IS IN PLACE AND REACHES REQUIRED STRENGTH. BRACING SHALL BE THE RESPONSIBLY OF THE CONTRACTOR.
12. PROVIDE DEWATERING AS REQUIRED BY THE SITE CONDITIONS THROUGHOUT THE CONSTRUCTION PERIOD.
13. INSPECTIONS, BY THE BUILDING OFFICIAL, TO BE MADE PRIOR TO PLACING ANY CONCRETE

WOOD/ ROUGH CARPENTRY

1. WOOD MATERIALS AND CONSTRUCTION SHALL SHALL BE IN ACCORDANCE WITH ALL GOVERNING LOCAL MUNICIPAL REGULATIONS AND THE FOLLOWING CODES, STANDARDS, AND PUBLICATIONS:
   - AF&PA "AMERICAN FOREST AND PAPER ASSOCIATION" – ALL APPLICABLE STANDARDS
   - ANSI/AF&PA NDS (LATEST EDITION) "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION"
   - ANSI/AF&PA SDPWS (LATEST EDITION) "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC"
   - SPIB "SOUTHERN PINE INSPECTION BUREAU" STANDARD GRADING RULES
   - APA "AMERICAN PLYWOOD ASSOCIATION" – ALL APPLICABLE STANDARDS STANDARDS.
   - AWPA "AMERICAN WOOD PRESERVERS ASSOCIATION" STANDARD U1
   - AITC "AMERICAN INSTITUTE OF TIMBER CONSTRUCTION" – ALL APPLICABLE STANDARDS
   - IRC 2015 ALL APPLICABLE CHAPTERS
2. SAWN LUMBER SHALL BE GRADE MARKED BY AN ACCREDITATION BODY THAT COMPLIES WITH DOC PS 20 (OR EQUIVALENT).
3. ALL FRAMING MEMBERS (JOISTS, RAFTERS, HEADERS, ETC. SHALL BE DOUG-FIR #2 WITH THE FOLLOWING DESIGN VALUES:
   - DF #2
     Fb=850 PSI Ft=525 PSI Fv=75 PSI Fc⊥=405 PSI Fc=1300 PSI E=1300000 PSI
4. ALL WALL STUDS, BLOCKING, TOP PLATES AND ALL BOTTOM PLATES SHALL BE SPRUCE-PINE-FIR (SPF). SEE SHEET NOTES ON THE FRAMING PLANS FOR GRADE REQUIREMENTS. MINIMUM DESIGN VALUES FOR EACH GRADE IS A FOLLOWS:
   - SPF STUD GRADE
     Fb=675 PSI Ft=350 PSI Fv=70 PSI Fc⊥=425 PSI Fc=725 PSI E=1200000 PSI
5. ANY WOOD EXPOSED TO EARTH/WEATHER OR IN CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE TREATED IN CONFORMANCE WITH THE AWPA AND IBC. IN SOME CASES, 2 LAYERS OF ASPHALT IMPREGNATED BUILDING PAPER SHALL BE PROVIDED BETWEEN UNTREATED WOOD AND CONCRETE OR MASONRY, WHERE INDICATED ON DESIGN DRAWINGS.
6. STRUCTURAL COMPOSITE LUMBER IS TO BE MANUFACTURED WITH THE FOLLOWING DESIGN VALUES:
   - MICROLLAM LVL 2.0E (OR EQUIVALENT)
     Fb=2600 PSI Ft=1555 PSI Fv=285 PSI Fc⊥=750 PSI Fc=250 PSI E=2000000 PSI
7. STRUCTURAL COMPOSITE LUMBER, WHERE INDICATED ON PLAN, IS BASED ON LUMBER MANUFACTURED BY TRUS JOIST. ALTERNATE MANUFACTURERS MAY BE USED SUBJECT TO REVIEW AND APPROVAL BY THE ARCHITECT AND E.O.R. DESIGN CAPACITIES SHALL BE ESTABLISHED AND MONITORED IN ACCORDANCE WITH ASTM D 5456 EACH PIECE SHALL BE STAMPED WITH THE REQUIRED GRADE INFORMATION, PLANT NUMBER, ETC.
8. WOOD STRUCTURAL PANEL SHEATHING SHALL BE APA RATED AND MARKED FOR GRADE AND GLUE TYPE CONFORMING TO THE REQUIREMENTS IN DOC PS1 OR PS2 AND IDENTIFIED BY THE TRADEMARKS OF AN APPROVED TESTING AND INSPECTION AGENCY.
9. STRUCTURAL SHEATHING AS FOLLOWS

   ROOF SHEATHING: ⅝" APA RATED C-D (OR C-C) EXPOSURE 1 (CDX) PLYWOOD SHEATHING WITH A 32/16 SPAN RATING. LAY IN STAGGERED PATTERN CONTINUOUS OVER A MINIMUM OF 3 SUPPORTS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. CONNECT WITH 8d COMMON NAILS 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS

   EXTERIOR WALL SHEATHING: 15/32" APA RATED C-D (OR C-C) EXPOSURE 1 (CDX) WOOD SHEATHING WITH A 24/0 MINIMUM SPAN RATING. VERTICAL JOINTS SHALL BE FASTENED TO COMMON STUDS AND HORIZONTAL JOINTS SHALL BE FASTENED TO 2x_ BLOCKING. CONNECT WITH 8d COMMON NAILS 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS

   FLOOR SHEATHING: ¾" APA RATED TONGUE AND GROOVE PLYWOOD WITH A 40/20 SPAN RATING (OR 24"O.C. SINGLE FLOOR RATING). LAY IN STAGGERED PATTERN CONTINUOUS OVER A MINIMUM OF 3 SUPPORTS WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. GLUE AND NAIL W/ 10d COMMON NAILS 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING MEMBERS. ADHESIVE TO CONFORM WITH APA-AFG-01 OR ASTM D3498 AND APPLIED ACCORDING TO MANUFACTURE'S SPECIFICATIONS. WOOD SCREWS MAY BE SUBSTITUTED (IN PLACE OF NAILS) PROVIDED A VALID ICC-ESR REPORT IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE IS SUBMITTED FOR APPROVAL.
10. AN APA PERFORMANCE RATED OSB SHEATHING (EQUIVALENT OR BETTER) MAY BE USE AS AN ALTERNATE TO PLYWOOD WITH PRIOR APPROVAL OF OWNER, ARCHITECT, AND E.O.R. FOR WALL SHEATHING APPLICATIONS. OSB ROOF SHEATHING SUBSTITUTION IS NOT RECOMMENDED AND AT THE DISCRETION OF THE OWNER, ARCHITECT, ROOFING CONTRACTOR, AND ROOF SYSTEM MANUFACTURE WHO IS RESPONSIBLE FOR THE GUARANTEE/WARRANTY OF THE ROOF SYSTEM.
11. ALL WOOD DETAILS NOT SHOWN OTHERWISE SHALL BE CONSTRUCTED TO THE MINIMUM REQUIREMENTS OF THE ABOVE REFERENCED CODES AND STANDARDS. REFER TO IRC TABLE R602.3(1) FASTENING SCHEDULE FOR ALL CONNECTIONS NOT SPECIFIED ON STRUCTURAL DRAWINGS.

WOOD/ ROUGH CARPENTRY (CONT.)

1. ALL NAILS INDICATED ON DRAWING AND USED WITH METAL CONNECTORS ARE COMMON WIRE TYPE NAILS. VERIFY ANY SUBSTITUTIONS WITH E.O.R. ALL NAILS TO BE DRIVEN SO THAT HEADS ARE FLUSH WITH WOOD SURFACE, OVER OR UNDER DRIVEN NAILS ARE UNACCEPTABLE. STAGGER NAILING WHEREVER POSSIBLE TO PREVENT SPLITTING OF WOOD MEMBERS. COMMON TYPE NAILS SIZES AS FOLLOWS:

   16d COMMON = 3½"x0.162"   10d COMMON = 3"x0.148"
   12d COMMON = 3¼"x0.148"   8d COMMON = 2½"x0.131"

   PNEUMATIC NAIL INSTALLATION MAY BE USED PROVIDED THE CORRECT QUANTITY AND TYPE OF NAILS ARE USED (LENGTH AND DIAMETER). REFER TO ICC-ES REPORT ESR-1539 AND LOCAL JURISDICTION FOR INFORMATION REGARDING NAILS SUBSTITUTIONS.
2. BOLTS AND LAG BOLTS SHALL CONFORM TO ASTM A307. ALL BOLT HEADS, NUTS, AND LAG SCREWS BEARING ON WOOD SHALL HAVE CUT WASHERS UNLESS NOTED OTHERWISE. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A563 GRADE A. BOLT HOLES SHALL BE A MAXIMUM 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER AND SHALL BE ACCURATELY ALIGNED (NOT FORCIBLY DRIVEN). LEAD HOLES FOR LAG BOLTS SHALL BE THE SAME DIAMETER AND LENGTH FOR THE SHANK PORTION AND 60%-75% OF THE SHANK DIAMETER FOR THE THREADED PORTION. BOLT SPACING, END AND EDGE DISTANCE TO MEET ANSI/AF&PA NDS REQUIREMENTS. CARRIAGE BOLTS ARE NOT PERMITTED FOR USE IN ANY STRUCTURAL APPLICATION.
3. ALL FASTENERS (NAILS, SCREWS, BOLTS, ETC.) ATTACHING TO PRESSURE TREATED LUMBER TO BE EITHER HOT DIPPED ZINC COATED GALVANIZED G185 (HDG) PER ASTM A 153, MECHANICALLY GALVANIZED PER ASTM B 695, CLASS 55, OR STAINLESS STEEL TYPE 316. ALL FASTENERS ATTACHING METAL CONNECTORS TO LUMBER TO HAVE SIMILAR CORROSIVE RESISTANT PROPERTIES AS THE PROTECTED CONNECTOR.
4. ALL SILL PLATES ARE TO BE PRESSURE TREATED AND ANCHORED AS FOLLOWS: ½"ø GALVANIZED ANCHOR BOLTS CENTERED ON PLATE, EMBEDDED 7" MINIMUM INTO CONCRETE OR MASONRY SPACED NO MORE THAN 6'–0" ON CENTER. A MINIMUM OF TWO BOLTS PER PLATE WITH ANCHORS NO MORE THAN 12" OR LESS THAN 4" FROM EACH END WITH A PROPERLY SIZED NUT AND WASHER. ANCHOR BOLTS FOR ANY HOLDOWNS ARE NOT TO BE USED TO MEET THESE REQUIREMENTS. THESE ARE MINIMUM REQUIREMENTS, SEE DETAILS FOR MORE ADDITIONAL INFORMATION.
5. ALL DOUBLE TOP PLATES TO BE FACED NAILED WITH 2 ROWS OF 10d NAILS @ 24" O.C. AND TO BE LAPPED 48" AT SPLICE LOCATIONS AND CONNECTED W/ 10-10d NAILS, MINIMUM UNLESS NOTED OTHERWISE. ANY CUT TOP PLATES AT OPENINGS TO BE REINFORCED WITH STRAP TIES (SEE TYPICAL DETAILS FOR MORE INFO.) ALL CORNERS AND INTERSECTIONS OF LOAD BEARING PARTITIONS TO BE LAPPED AND CONNECTED W/ 4-10d NAILS
6. PROVIDE FRAMING OF SIZES AND SPACING AS SHOWN ON PLAN. INSTALL WITH CROWN EDGE UP AND SUPPORT ENDS OF EACH MEMBER WITH NOT LESS THAN 1½" BEARING ON WOOD OR METAL (3" SAWN LUMBER BEARING ON CONCRETE OR MASONRY). FLOOR JOISTS TO HAVE SOLID FULL DEPTH 2x_ BLOCKING AT ALL INTERMEDIATE BEARING LOCATIONS AND AT ENDS, EXCEPT WHERE THE ENDS ARE CONNECTED TO A FLUSH HEADER OR CONNECTED TO THE RIM BOARD TO PREVENT ROTATION. PROVIDE SOLID OR DIAGONAL BRIDGING (OR EQUIVALENT METAL BRACING OF EQUAL RIGIDITY) SPACED EQUALLY WITHIN THE SPAN NOT EXCEEDING 8'–0" O.C. LAP MEMBERS FRAMING FROM OPPOSITE ENDS NOT LESS THAN 4" OVER INTERIOR SUPPORT AND FACE NAIL WITH 4-10d NAILS.
7. ALL HEADERS AT LOAD-BEARING CONDITIONS SHALL BE OF SIZES SHOWN ON PLAN. FACE NAIL MULTI-PLY HEADERS PER TYPICAL DETAILS.
8. ALL EXTERIOR WALLS TO BE 2x6 UNLESS NOTED OTHERWISE. PROVIDE 2x BLOCKING AT EXTERIOR SHEATHING PANEL EDGES. USE FULL LENGTH STUDS (BALLOON FRAME) EXTERIOR WALLS WHERE GABLE ENDS SUPPORT VAULTED CEILINGS. STAIRS, DOUBLE HEIGHT ENTRIES, ETC.
9. THE NUMBER OF STUDS NOTED AT THE END OF EACH BEAM INDICATES THE NUMBER OF JAMB STUDS (FOR DROPPED HEADERS) THAT ARE REQUIRED UNDER THE END OF THE BEAM (IF NONE IS NOTED, ONE JAMB STUD IS REQUIRED PLUS ONE KING STUD). IF THE HEADER IS DROPPED AND EXTERIOR, PROVIDE THE SAME NUMBER OF KING STUDS AS JAMB STUDS. PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM UNDER ALL POSTS. BUILT-UP JAMB AND KING STUDS TO BE FACE NAILED WITH 16d NAILS AT 12" O.C. ALONG WITH SHEATHING CONNECTION @ 6" O.C. AT EACH PLY
10. PROVIDE SOLID BLOCKING WITHIN FLOOR SYSTEM UNDER ALL POSTS.
11. PROVIDE FIRE BLOCKING AND DRAFTSTOPPING AS REQUIRED PER CODE.
12. PROVIDE DOUBLE JOISTS AROUND ALL ROOF AND FLOOR OPENINGS UNLESS OTHERWISE NOTED.
13. PROVIDE SIMPSON H2.5A HURRICANE TIES AT EVERY ROOF RAFTER TO TOP PLATE AND LOCATE ALONG EXTERIOR SIDE OF PLATE, ALONG WITH 3-8d TOE NAILS. ROOF RAFTERS HAVING A DEPTH-THICKNESS RATIO EXCEEDING 6 TO 1 SHALL HAVE SOLID OR DIAGONAL BRIDGING (OR EQUIVALENT METAL BRACING OF EQUAL RIGIDITY) SPACED EQUALLY WITHIN THE SPAN NOT EXCEEDING 8'–0" O.C.
14. ALL HEADERS AT NON-BEARING CONDITIONS SHALL BE AS FOLLOWS:

    0'–0" TO 6'–0" = (2) 2X6   8'–0" TO 10'–0" = (2) 2X10
    8'–0" TO 10'–0" = (2) 2X10   10'–0" TO 12'–0" = (2) 2X12
15. EXCESSIVE CUTTING, NOTCHING, BORING, ETC. OF STUDS/JOISTS FOR UTILITIES IS PROHIBITED AND MUST BE IN STRICT CONFORMANCE TO THE BUILDING CODE LIMITATIONS. PROVIDE NAILS STOPS, STUD SHOES, REPAIR STRAPS, AND SHIELD PLATES AS REQUIRED WHERE UTILITIES PENETRATE STUD WALLS. REFER TO THE APPLICABLE CODES FOR ALL REQUIREMENTS AND LIMITATIONS.
16. ALL METAL CONNECTOR SPECIFIED ARE SIMPSON HANGERS AS MANUFACTURED BY 'SIMPSON STRONG-TIE COMPANY, INC.' SPECIFIED CONNECTORS MUST BE INSTALLED ACCORDING TO INSTRUCTIONS IN THE MANUFACTURES CATALOG. INCORRECT FASTENER QUANTITY, SIZE, PLACEMENT, TYPE, MATERIAL, OR FINISH MAY CAUSE THE CONNECTION TO FAIL. CONSULT THE 'FASTENER GUIDE' PRIOR TO INSTALLATION. REFER TO SIMPSON PUBLICATIONS FOR INFORMATION REGARDING INSTALLING HANGERS WITH PNEUMATIC DEVICES. WHEN SUBSTITUTING ANOTHER BRAND CONNECTOR, CONFIRM LOAD CAPACITY BASED ON RELIABLE PUBLISHED TESTING DATA AND GET APPROVAL FROM E.O.R. PRIOR TO INSTALLATION.
17. ALL METAL CONNECTORS TO HAVE A MINIMUM STANDARD G90 ZINC COATING. ALL CONNECTORS EXPOSED TO WEATHER OR IN CONTACT WITH PRESSURE TREATED LUMBER TO BE, AT MINIMUM, ZMAX FINISH (GALVANIZED G185 PER ASTM A653). CONTRACTOR IS RESPONSIBLE TO VERIFY THE SUITABILITY OF THE CONNECTOR PROTECTION/COATING WITH THE WOOD TREATMENT CHEMICAL MANUFACTURER/ SUPPLIER. STAINLESS STEEL CONNECTORS ARE HIGHLY RECOMMENDED IN AREAS OF HIGH EXPOSURE USE INCLUDING: DE-ICING SALTED AREAS, OCEAN-SALT AIR, LARGE BODIES OF WATER, AND OTHER CORROSIVE ELEMENTS.
18. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR MISC. BLOCKING, FURRING, SHIMS, ETC. FOR ATTACHMENT OF FINISHES AND ORNAMENTAL ITEMS.
19. INSPECTIONS, BY THE BUILDING OFFICIAL, TO BE MADE AS REQUIRED BY CODE

CONCRETE

1. ALL CONCRETE MATERIALS, PROCESSES, AND WORK SHALL BE IN ACCORDANCE WITH ALL GOVERNING LOCAL MUNICIPAL REGULATIONS AND THE FOLLOWING CODES, STANDARDS, AND PUBLICATIONS:
   - ACI 332 (LATEST EDITION) "RESIDENTIAL CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
   - ACI 318 (LATEST EDITION) CHAPTER 3
   - IRC 2009 CHAPTER 4
2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (F'c) AT 28 DAYS OF:
   3500 PSI: DRIVEWAYS, CURBS, WALKWAYS, RAMPS, PATIOS, PORCHES, EXPOSED STEPS/STAIRS, AND GARAGE FLOOR SLABS
   3000 PSI: ALL OTHER CONCRETE
3. ALL CONCRETE EXPOSED TO WEATHER SHALL BE AIR-ENTRAINED BETWEEN 5%-7% PER TABLE 5.2 OF ACI 332. MAXIMUM SLUMP BETWEEN 5"–6" PER TABLE 5.1 OF ACI 332.
4. ALL DETAILS OF REINFORCEMENT AND ACCESSORIES SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH WITH ACI 318 (LATEST EDITION) AND ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE". ALL REINFORCING STEEL SHALL BE DEFORMED BARS MEETING THE ASTM A615, GRADE 60, WITH A MINIMUM YIELD STRESS OF 60 KSI. WELDED WIRE FABRIC (W.W.F.) SHALL MEET REQUIREMENTS OF ASTM A185. REBAR SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL.
5. REBAR LAP SPLICES SHALL BE CLASS 'B' PER ACI 318 (LATEST EDITION), EXCEPT AS NOTED ON PLANS. BARS LABELED CONTINUOUS SHALL BE LAPPED A MINIMUM OF 48 BAR DIAMETERS AT SPLICES UNLESS NOTED OTHERWISE ON DRAWINGS. W.W.F. SHALL BE LAPPED 8" MINIMUM.
6. PROVIDE CONCRETE COVER FOR REINFORCING AS FOLLOWS IF NOT INDICATED ON DETAILS:
   CAST AGAINST EARTH........................ 3"
   EXPOSED TO EARTH OR WEATHER
   #6 AND LARGER........................ 2"
   #5 AND SMALLER........................ 1½"
   NOT EXPOSED TO EARTH OR WEATHER
   SLABS AND WALLS........................ 1"
   BEAMS AND COLUMNS .... 1½" (TO TIES OR STIRRUPS)
7. REINFORCING BARS, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC., SHALL BE SECURELY POSITIONED IN THE FORMS PRIOR TO PLACEMENT OF CONCRETE. NO CONCRETE SHALL BE PLACED UNTIL ALL EMBEDDED ITEMS HAVE BEEN PLACED, SECURED, AND INSPECTED.
8. ALL FORMWORK TO BE CONSTRUCTED IN ACCORDANCE TO ACI 347 "GUIDE TO FORMWORK FOR CONCRETE" WITHIN TOLERANCE LIMITS DEFINED IN ACI 117 "SPECIFICATION FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS."
9. HOT AND COLD WEATHER CONCRETE PLACEMENT SHALL BE IN ACCORDANCE WITH ACI 305R AND ACI 306R (LATEST EDITIONS). CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS TO MINIMIZE SHRINKAGE CRACKING OF CONCRETE SLABS.
10. THE USE OF HIGH EARLY STRENGTH CONCRETE MAY BE REQUESTED BY THE CONTRACTOR. MIX DESIGN DATA USING FIELD CURED SPECIMENS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL.
11. PROVIDE CONTRACTION AND ISOLATION JOINTS IN SLABS ON GRADE. ISOLATION JOINTS AT COLUMNS SHALL BE ½" PRE-MOLDED FILLER, DIAMOND SHAPED, AS INDICATED ON THE TYPICAL DETAILS. UNLESS NOTED OTHERWISE ON DRAWINGS, PROVIDE CONTRACTION JOINTS AT COLUMN LINES AND ADDITIONALLY AS REQUIRED SO THAT SPACING NOT EXCEED 36 x SLAB THICKNESS AND THE AREA BOUNDED BY JOINTS LENGTH TO WIDTH RATIO NOT EXCEED 1.5 TO 1. SAW CUTS TO BE ¼ x SLAB DEPTH CUT NO MORE THAN 12 HOURS AFTER CONCRETE PLACEMENT. SEE TYPICAL DETAILS.
12. PLUMBING LINES AND ELECTRICAL CONDUITS ARE TO BE PLACED BELOW (NOT WITHIN) THE SLAB ON GRADE. VERTICAL PENETRATIONS ARE PERMITTED.
13. PROVIDE BOND BREAK WHERE SLAB ON GRADE ABUTS VERTICAL WALLS.
14. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE LOCATIONS AND SIZES OF ALL OPENINGS, EQUIPMENT PITS, EQUIPMENT PADS, TRENCHES, TRENCH DUCTS, CHASES, PIPE SLEEVES, BRICK TIES, INSERTS, ANCHOR BOLTS, ETC., AND ANY OTHER ITEMS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND IN COOPERATION WITH OTHER TRADES PRIOR TO PLACING THE CONCRETE.
15. UTILITY PIPING SHALL NOT PASS THROUGH FOOTINGS. TOP OF UTILITY PIPING MUST BE AT LEAST 12" BELOW BOTTOM OF WALL FOOTINGS OR ABOVE OR OTHERWISE FOOTINGS MUST BE LOWERED. COORDINATE LOCATIONS WITH CIVIL AND MEP DRAWINGS. DO NOT CUT OR BEND MAIN REINFORCING STEEL AT SLEEVE LOCATIONS.
16. ANY CUTTING/CORING OF CONCRETE IS PROHIBITED UNLESS APPROVED BY THE ARCH./E.O.R.
17. UNLESS OTHERWISE NOTED, PROVIDE ¾" CHAMFER ON ALL CONCRETE CORNERS EXPOSED TO VIEW.
18. ALL LAP SPLICES TO BE CLASS 'B' UNLESS NOTED OTHERWISE

STRUCTURAL DESIGN CRITERIA

2018 INTERNATIONAL RESIDENTIAL BUILDING CODE – NJ EDITITION

LIVE LOAD MINIMUM: PER IRC TABLE R301.5 & R301.6
GROUND SNOW LOAD: 30 PSF
WIND SPEED: 113 MPH (VULT)
SEISMIC DESIGN CATEGORY D (PRESUMED)
FROST DEPTH = 3'–6"

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Compliance Certificate

Project 1115 Linwood Ave_REScheck_042820

Energy Code: **2018 IECC**
Location: **Bergen County, New Jersey**
Construction Type: **Single-family**
Project Type: **Addition**
Orientation: **Bldg. faces 225 deg. from North**
Climate Zone: **5 (5999 HDD)**
Permit Date:
Permit Number:

Construction Site: 1115 Linwood Ave, Township of Washington, NJ 07676
Owner/Agent: Jayme Siegel, siegelarc@gmail.com
Designer/Contractor:

Compliance: Passes using UA trade-off
Compliance: **1.0% Better Than Code** Maximum UA: **391** Your UA: **387**
The % Better or Worse Than Code Index reflects how close to compliance the house is based on code trade-off rules. It DOES NOT provide an estimate of energy use or cost relative to a minimum-code home.

Envelope Assemblies

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Ceiling, New: Flat Ceiling or Scissor Truss	2,267	49.0	0.0	0.026	59
Wall, Ex 2X4, Garage Partition: Wood Frame, 16" o.c. Orientation: Back	179	19.0	0.0	0.060	10
Door, Garage Entry: Solid Door (under 50% glazing) Orientation: Back	19			0.350	7
Wall, Ex 2X4, Garage Partition: Wood Frame, 16" o.c. Orientation: Right side	13	19.0	0.0	0.060	1
Wall, Garage Partiton: Wood Frame, 16" o.c. Orientation: Right side	64	21.0	0.0	0.057	4
Wall, Ex 2X4, Front: Wood Frame, 16" o.c. Orientation: Front	429	19.0	0.0	0.060	22
Window: Vinyl Frame Orientation: Front	67			0.300	20
Wall, Ex 2X4, Left: Wood Frame, 16" o.c. Orientation: Left side	41	19.0	0.0	0.060	2
Wall, Ex 2X4, Back: Wood Frame, 16" o.c. Orientation: Back	11	19.0	0.0	0.060	0
Window: Vinyl Frame Orientation: Back	8			0.300	2
Wall, Ex 2X4, Right: Wood Frame, 16" o.c. Orientation: Right side	415	19.0	0.0	0.060	23
Window: Vinyl Frame Orientation: Right side	40			0.300	12
Wall, Front: Wood Frame, 16" o.c. Orientation: Front	532	21.0	0.0	0.057	25
Door, Main Entry: Glass Door (over 50% glazing) Orientation: Front	21			0.300	6

Project Title: 1115 Linwood Ave_REScheck_042820 Report date: 04/28/20
Data filename: Page 1 of10

Assembly	Gross Area or Perimeter	Cavity R-Value	Cont. R-Value	U-Factor	UA
Window: Vinyl Frame Orientation: Front	81			0.300	24
Wall, Left: Wood Frame, 16" o.c. Orientation: Left side	676	21.0	0.0	0.057	35
Window: Vinyl Frame Orientation: Left side	60			0.300	18
Wall, Back: Wood Frame, 16" o.c. Orientation: Back	686	21.0	0.0	0.057	32
Door, LR SGD: Glass Door (over 50% glazing) Orientation: Back	40			0.300	12
Window: Vinyl Frame Orientation: Back	90			0.300	27
Wall, Right: Wood Frame, 16" o.c. Orientation: Right side	223	21.0	0.0	0.057	12
Window: Vinyl Frame Orientation: Right side	19			0.300	6
Floor over garage: All-Wood Joist/Truss	572	30.0	0.0	0.033	19
Floor over ambient: All-Wood Joist/Truss	109	30.0	0.0	0.033	4
Crawl, New: Solid Concrete or Masonry Wall height: 3.5' Depth below grade: 3.5' Insulation depth: 3.5'	175	0.0	19.0	0.045	5

Compliance Statement: The proposed building design described here is consistent with the building plans, specifications, and other calculations submitted with the permit application. The proposed building has been designed to meet the 2018 IECC requirements in RES*check* Version : REScheck-Web and to comply with the mandatory requirements listed in the RES*check* Inspection Checklist.

Mark Scott - Scott Home Inspection LLC — Name - Title
Mark Scott — Signature
April 28, 2020 — Date

Project Notes:
Addition/RemodelExisting Crawlspace and Basement unchanged

Project Title: 1115 Linwood Ave_REScheck_042820 Report date: 04/28/20
Data filename: Page 2 of10

△2 ADDITIONAL DEMOLITON DUE TO RECENT STRUCTURAL EVALUATION

J.
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PROJECT:
PROPOSED
SINGLE FAMILY RESIDENCE
CLCS PROPERTY DEVELOPMENT, LLC
1115 LINWOOD AVE
WASHINGTON TWP, NJ 07676
BLOCK: 2502.03, LOT: 2

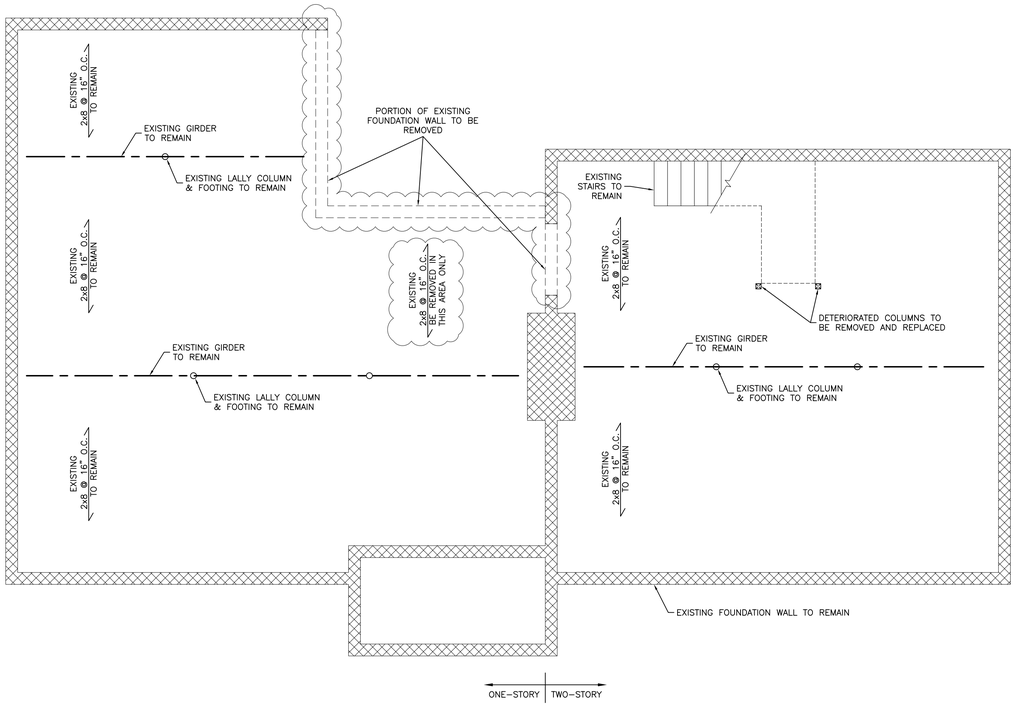
△2 8/13/2020
△1 6/22/2020

DRAWING TITLE:
GENERAL INFORMATION

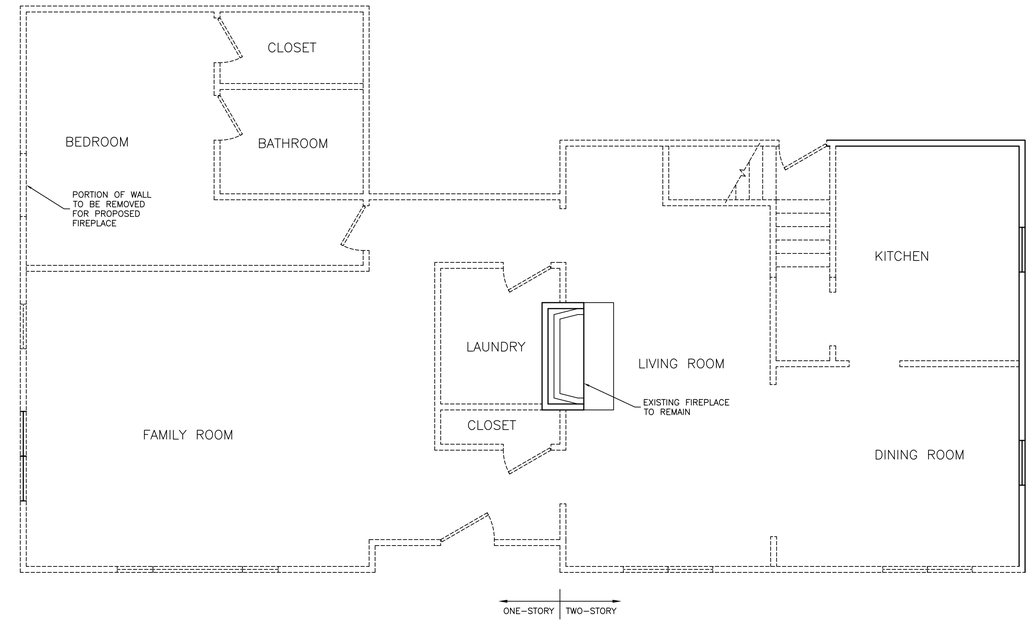
DATE: 5/1/2020 DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

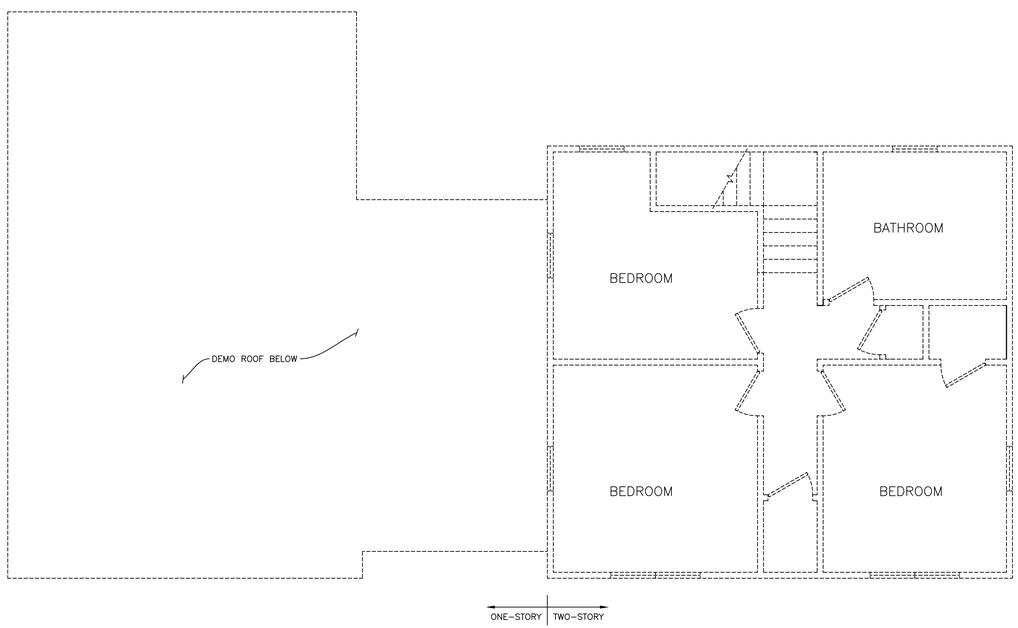
DRAWING NO.
G1



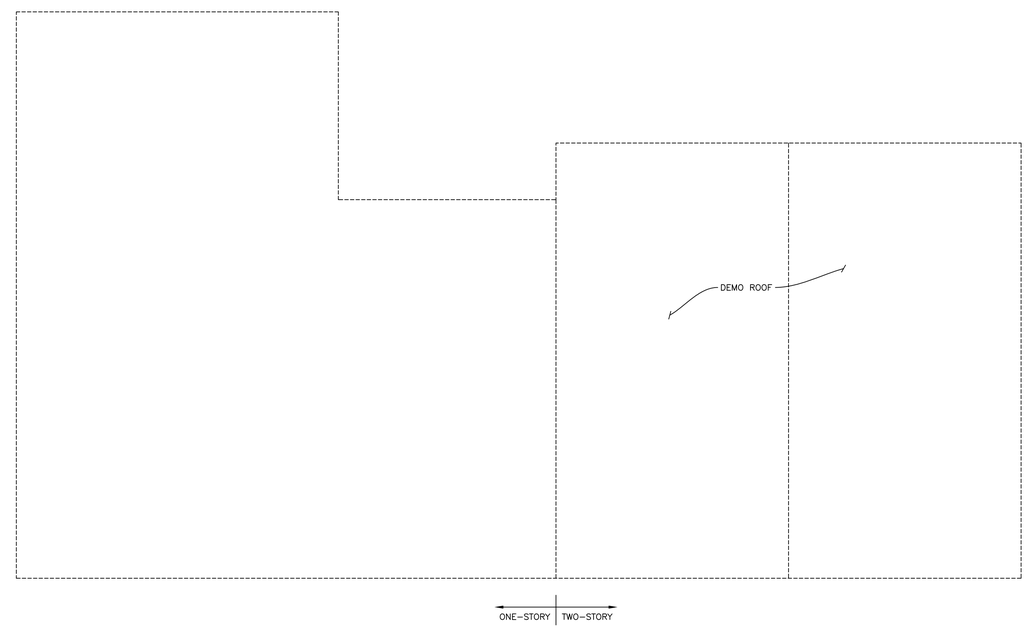
1 DEMO PLAN – FOUNDATION
SCALE: 1/4" = 1'-0"



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



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



4 DEMO PLAN – ROOF
SCALE: 1/4" = 1'-0"

NOTES:
1. DEMO ALL INTERIOR WALL & WALL FINISHES UNLESS OTHERWISE NOTED.
2. DEMO ALL CEILING FINISHES UNLESS OTHERWISE NOTED.
3. DEMO ALL FLOOR FINISHES UNLESS OTHERWISE NOTED.
4. PLUMBING LOCATED ON WALLS BEING DEMOLISHED SHALL BE CUT & CAPPED.
5. DEMO ENTIRETY OF ROOF.

KEY:
EXISTING WALL TO REMAIN
EXISTING WALL TO BE DEMOLISHED

DEMOLITION DATA	
TOTAL LENGTH OF 1ST FLOOR EXT. WALLS	185'-0" L.F.
LENGTH OF 1ST FLOOR TO BE DEMOLISHED	44'-6" L.F.
LENGTH OF 1ST FLOOR TO BE MAINTAINED	140'-6" L.F. (76%)

2 ADDITIONAL DEMOLITON DUE TO RECENT STRUCTURAL EVALUATION

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364 PARSIPPANY ROAD
PARSIPPANY, NEW JERSEY

JAMES GUIDER, P.E.
NJPE #: 32411

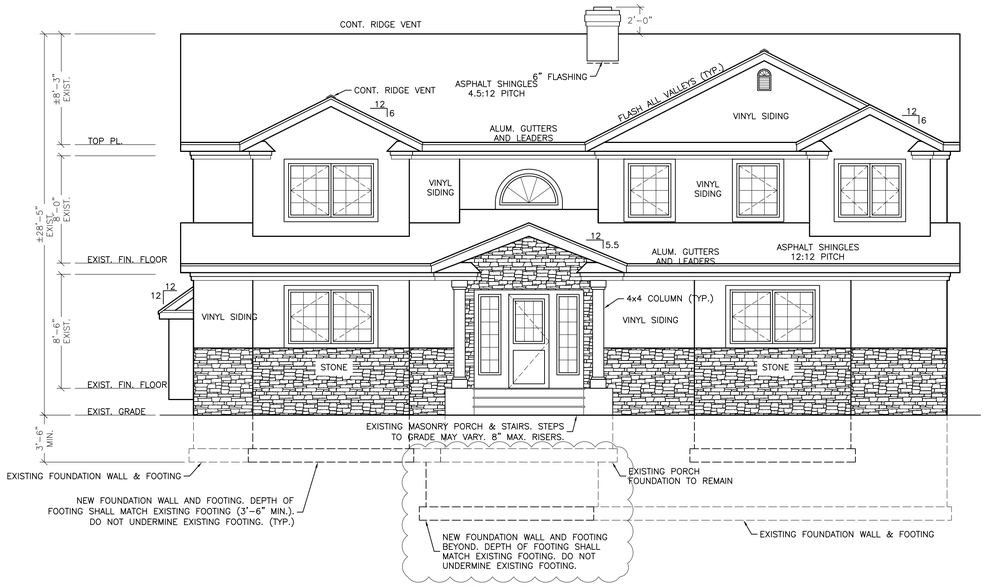
973-428-1101
973-428-1308

DRAWING TITLE:
DEMOLITION PLAN

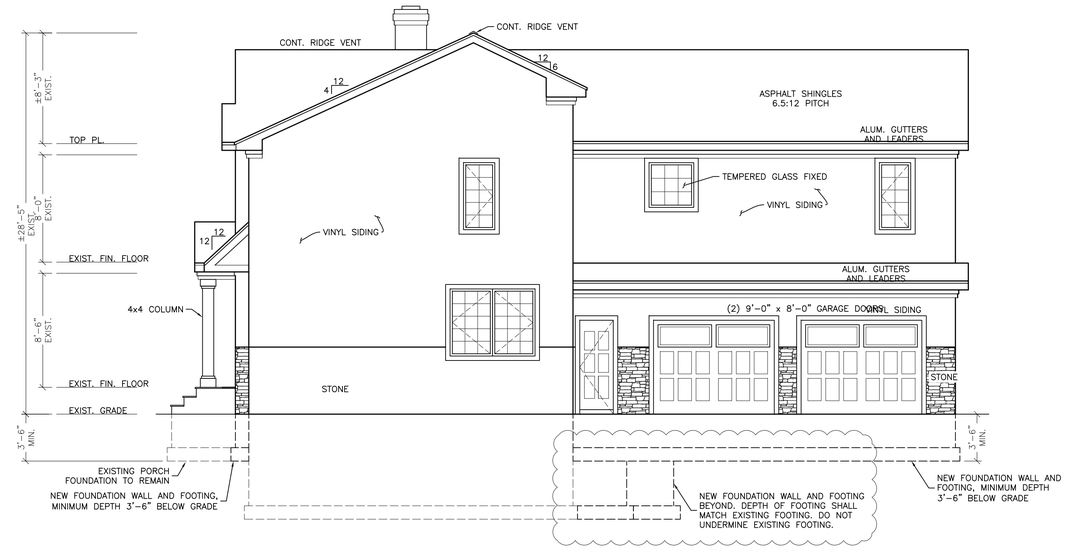
DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

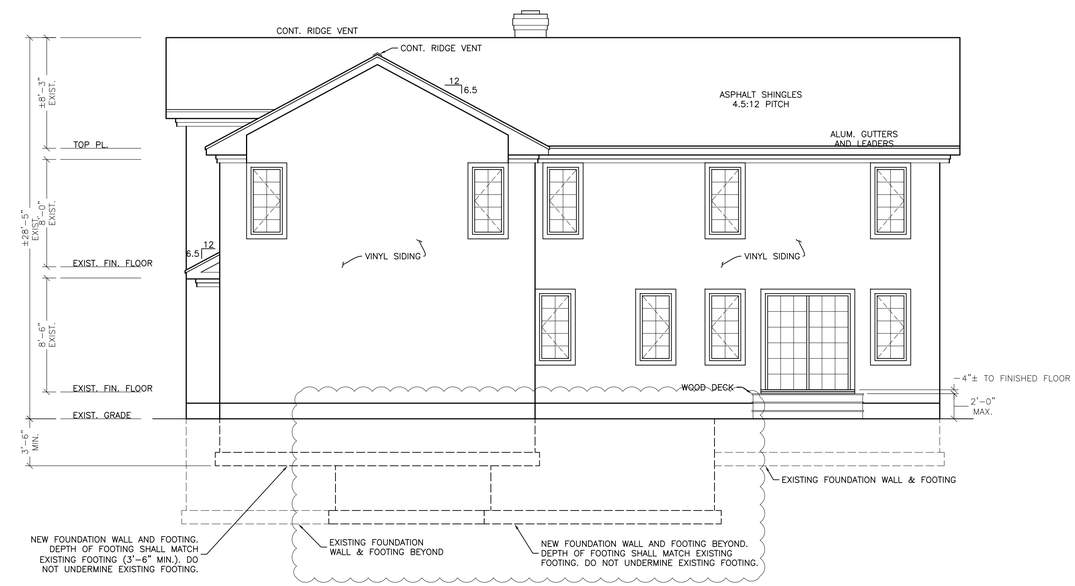
DRAWING NO.
D1



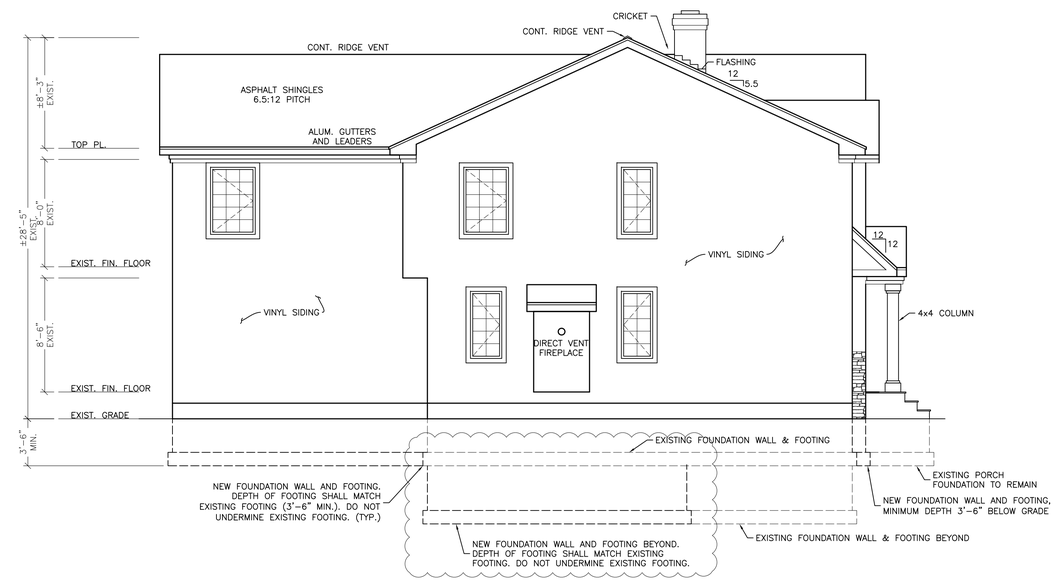
1 FRONT ELEVATION
SCALE: 3/16" = 1'-0"



1 RIGHT ELEVATION
SCALE: 3/16" = 1'-0"



2 REAR ELEVATION
SCALE: 3/16" = 1'-0"



2 LEFT ELEVATION
SCALE: 3/16" = 1'-0"

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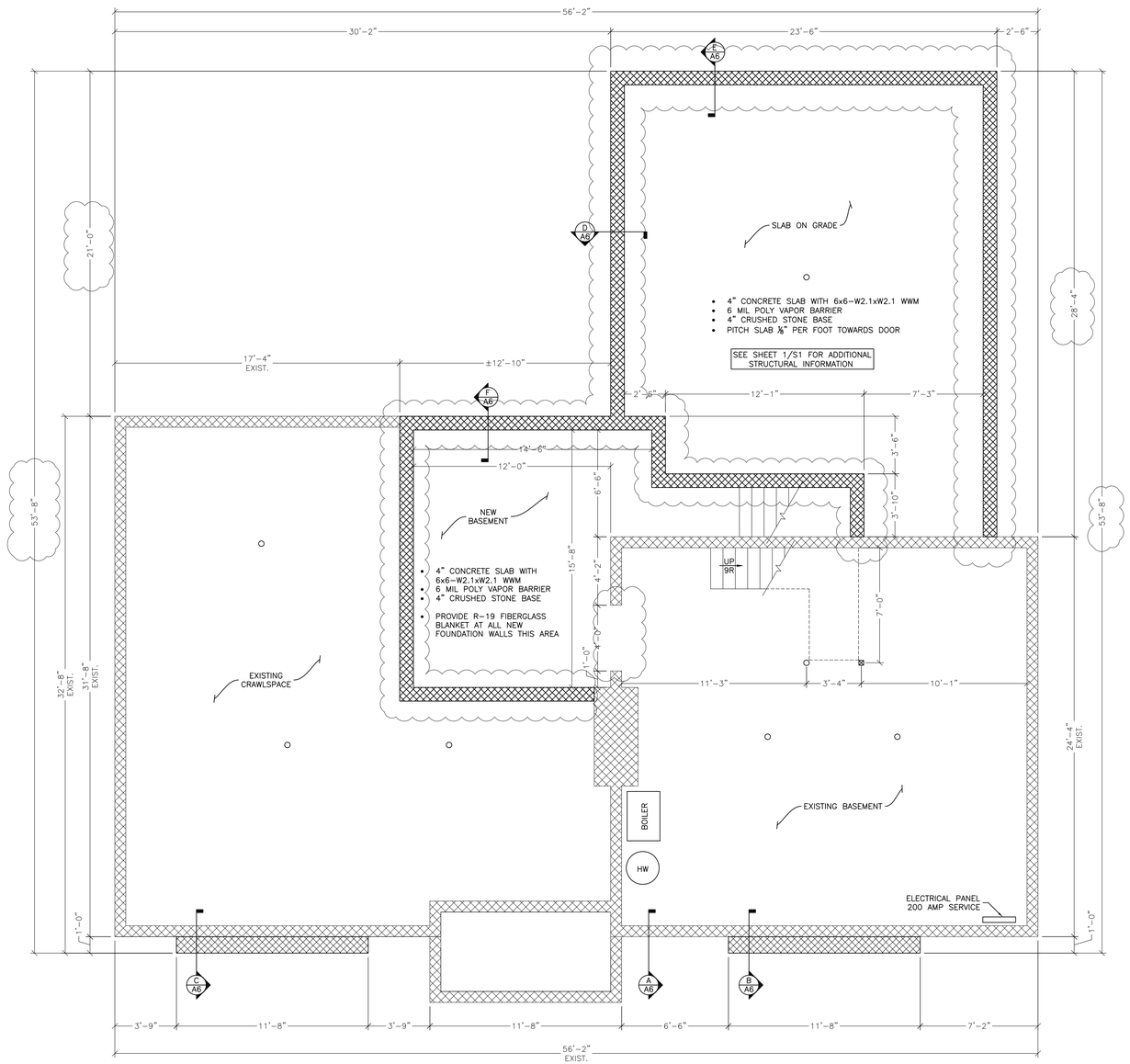
DRAWING TITLE:
ELEVATIONS

DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A1



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

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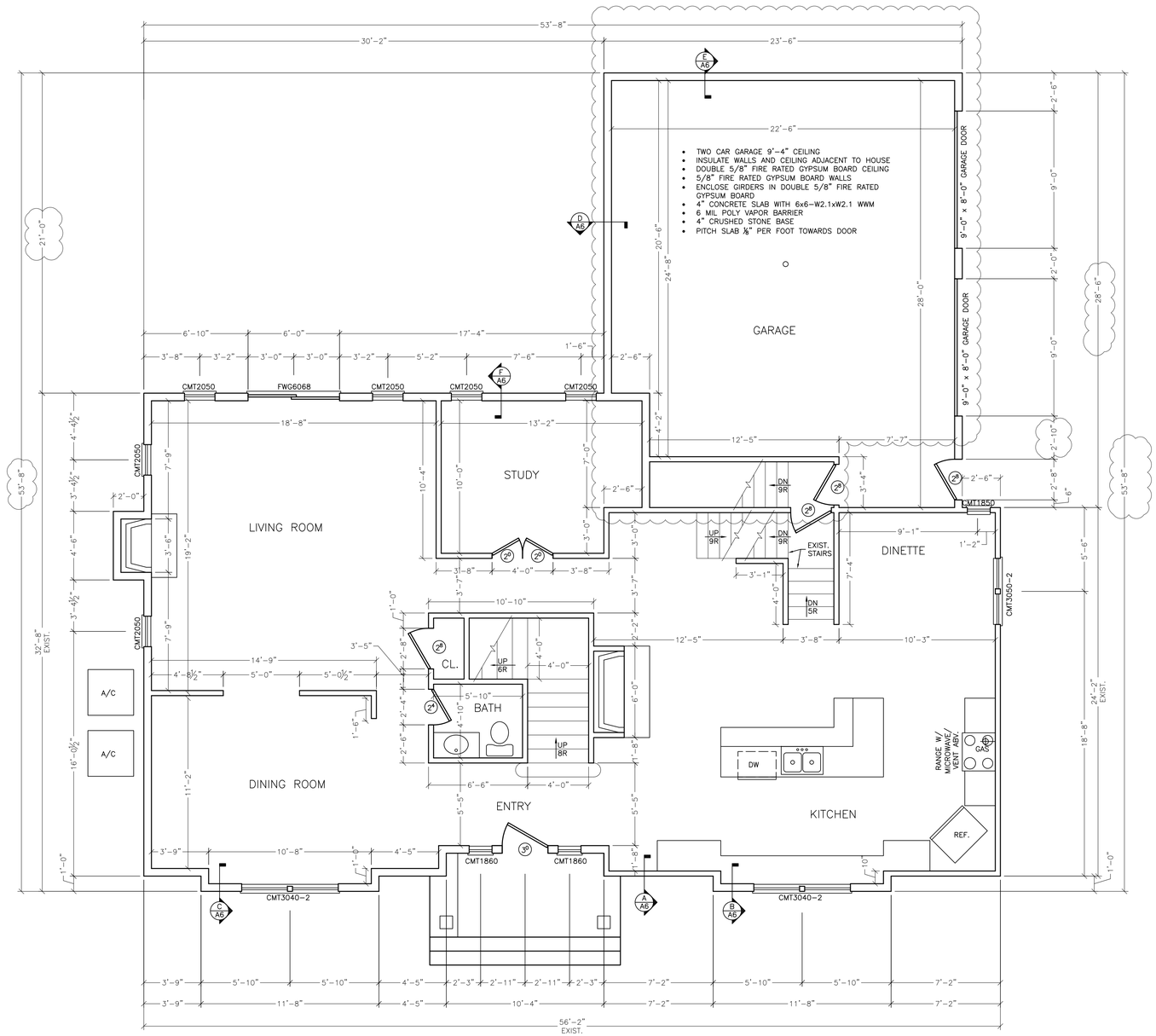
DRAWING TITLE:
FOUNDATION PLAN

DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A2



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

EXISTING 2x4 @ 16" O.C. EXTERIOR WALLS ARE TO HAVE R-15 INSULATION
NEW EXTERIOR WALLS ARE TO BE 2x6 @ 16" O.C. WITH R-21 INSULATION

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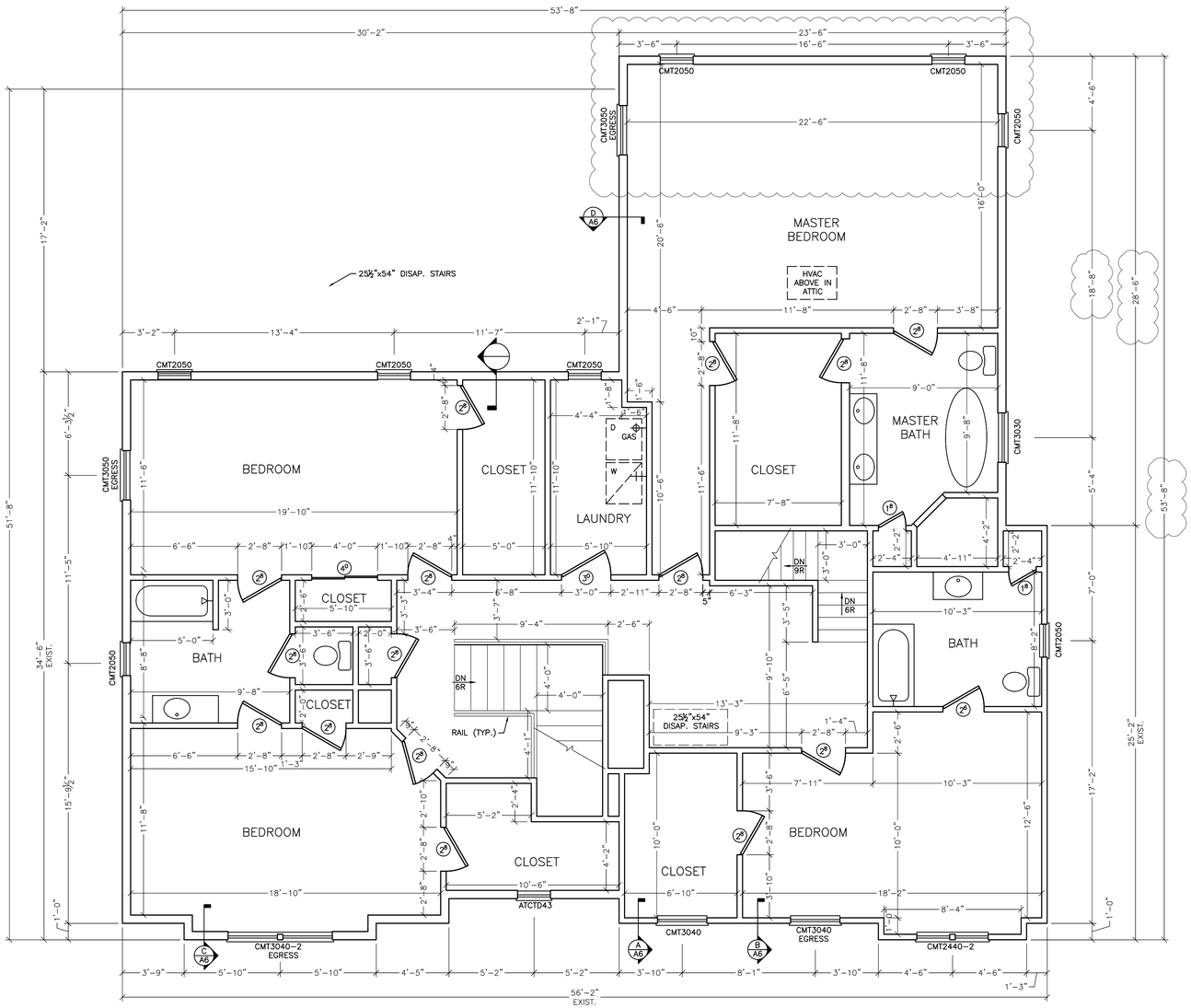
DRAWING TITLE:
FIRST FLOOR PLAN

DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A3



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

EXISTING 2x4 @ 16" O.C. EXTERIOR WALLS ARE TO HAVE R-15 INSULATION
NEW EXTERIOR WALLS ARE TO BE 2x6 @ 16" O.C. WITH R-21 INSULATION

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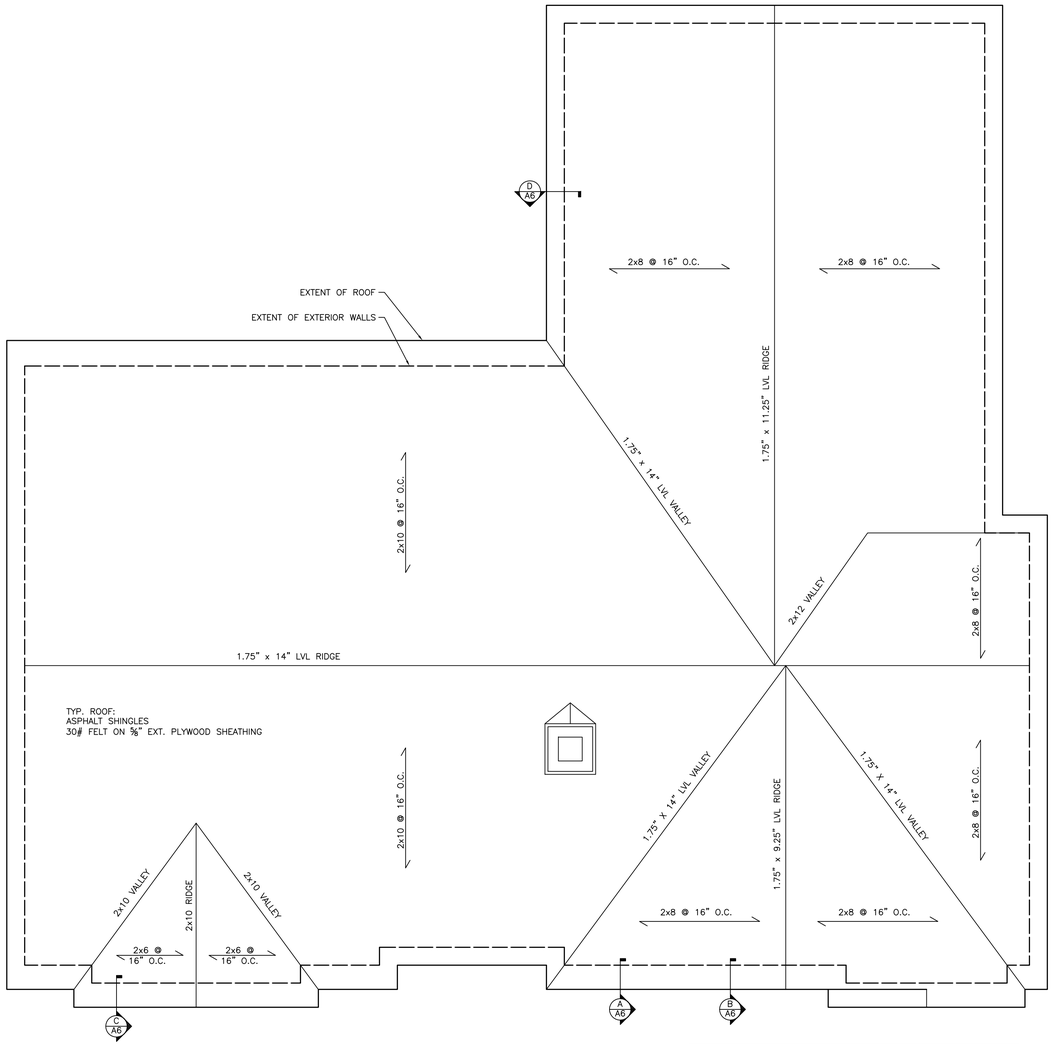
6/22/2020

DRAWING TITLE:
SECOND FLOOR PLAN

DATE: 5/1/2020
DRAWN BY: EC

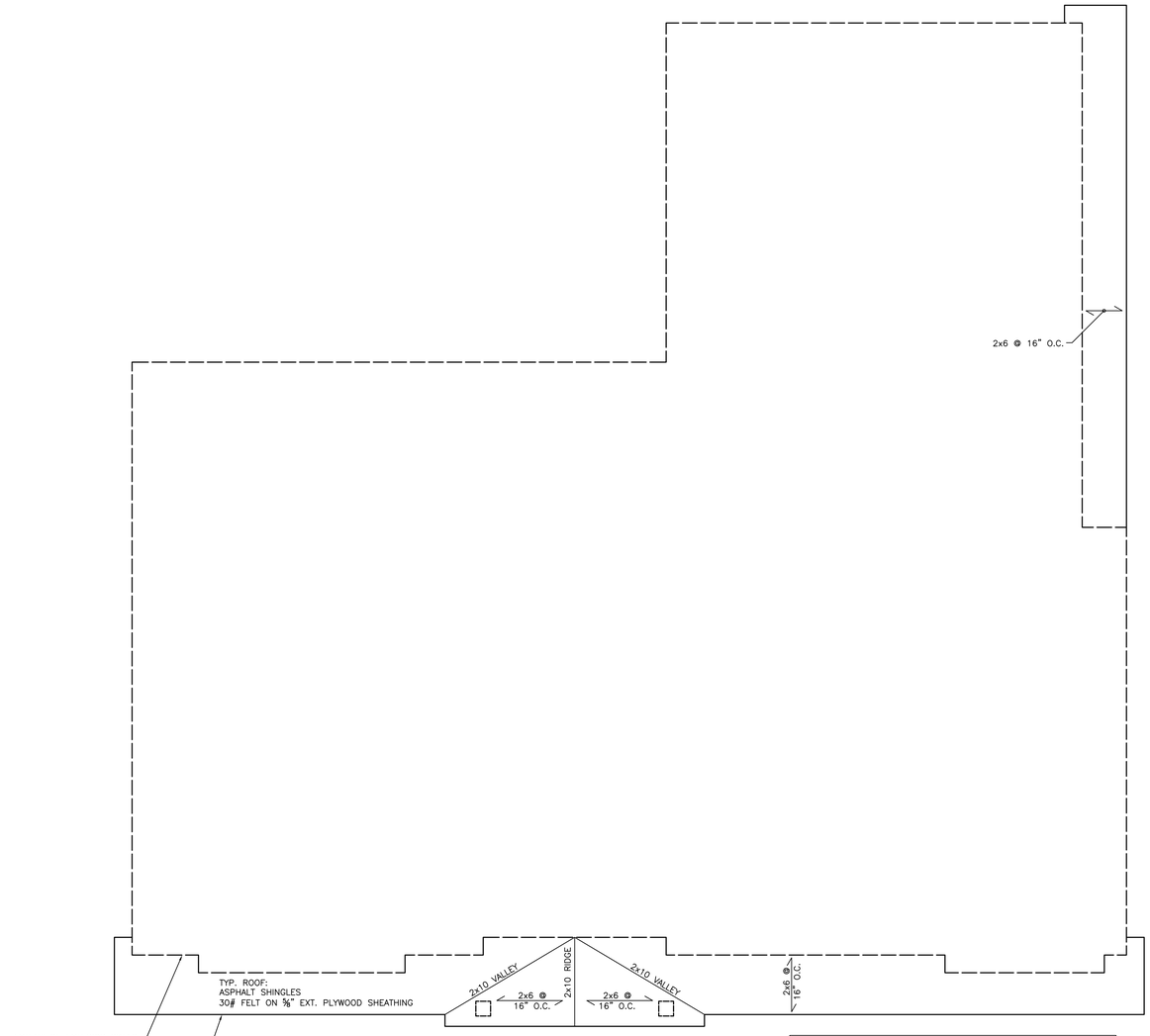
JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A4



ICE AND WATER SHIELD TO BE INSTALLED (AS PER MANUFACTURER) AT ALL EAVES, VALLEYS, AND ROOF PENETRATIONS INCLUDING CHIMNEY.

1 MAIN ROOF PLAN
SCALE: 1/4" = 1'-0"



ICE AND WATER SHIELD TO BE INSTALLED (AS PER MANUFACTURER) AT ALL EAVES, VALLEYS, AND ROOF PENETRATIONS INCLUDING CHIMNEY.

2 LOWER ROOF PLAN
SCALE: 1/4" = 1'-0"

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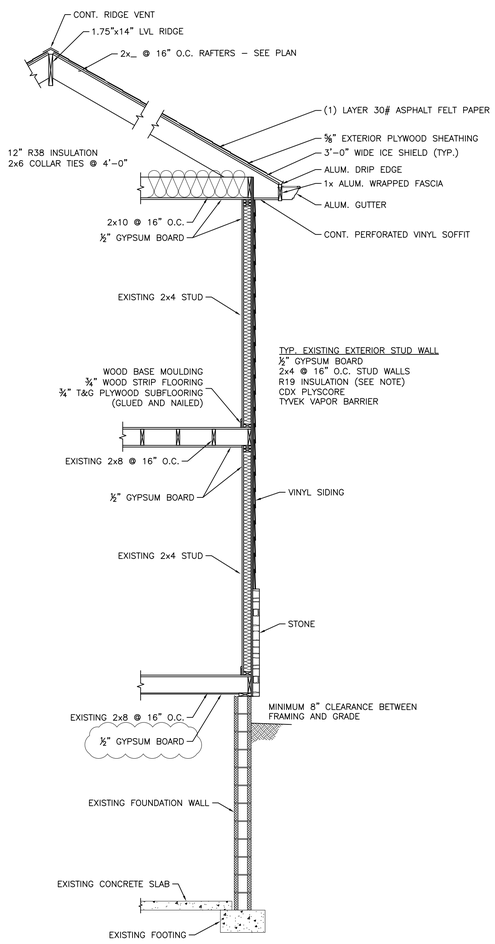
DRAWING TITLE:
ROOF PLAN

DATE: 5/1/2020

DRAWN BY: EC

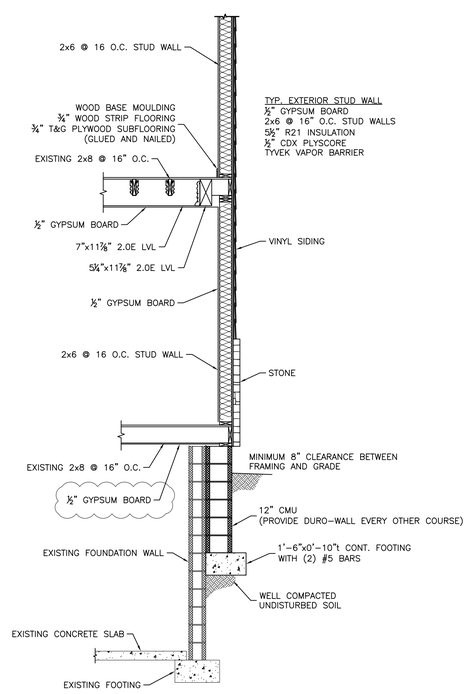
JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A5



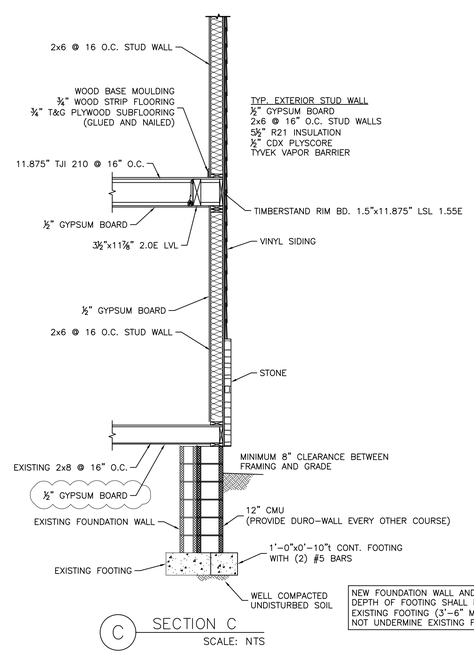
A SECTION A
SCALE: NTS

NOTE:
EXISTING 2x4 WALLS TO BE FURRED OUT TO ACCOMMODATE R–19 BATT INSULATION OR SPRAY CLOSE CELL FOAM



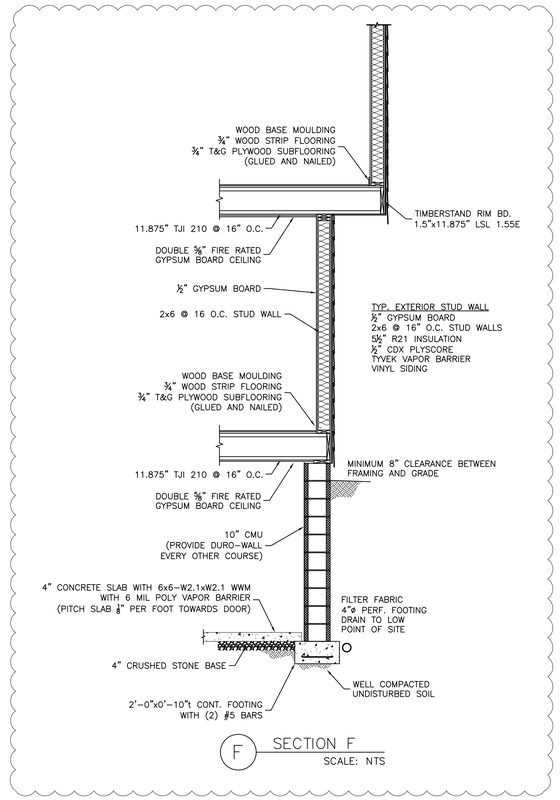
B SECTION B
SCALE: NTS

NOTE:
LOWER ROOF NOT INDICATED FOR CLARITY

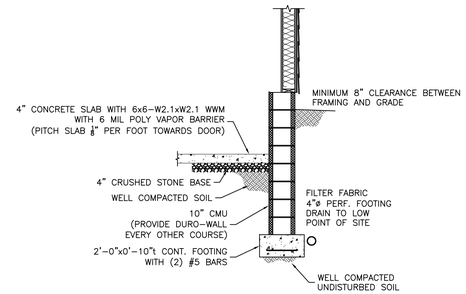


NEW FOUNDATION WALL AND FOOTING. DEPTH OF FOOTING SHALL MATCH EXISTING FOOTING (3'–6" MIN.). DO NOT UNDERMINE EXISTING FOOTING.

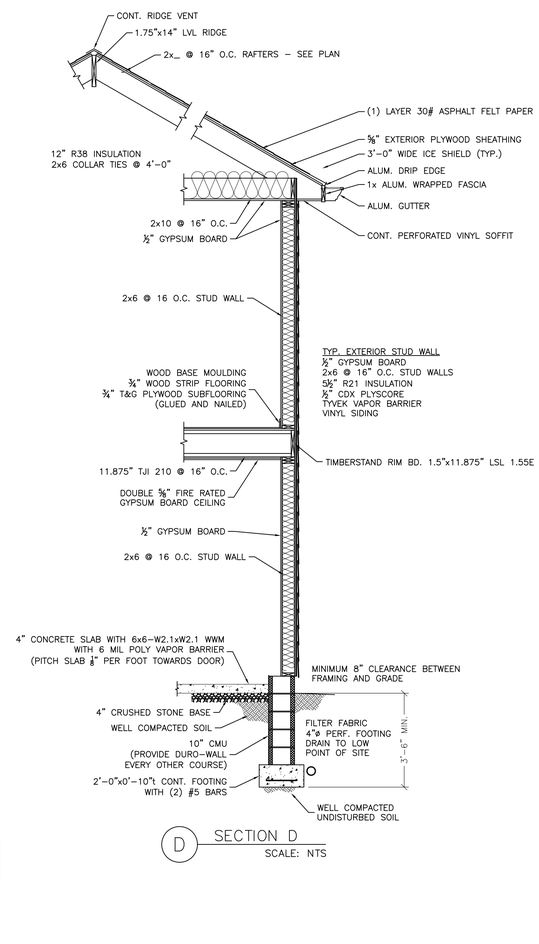
C SECTION C
SCALE: NTS



F SECTION F
SCALE: NTS



E SECTION E
SCALE: NTS



D SECTION D
SCALE: NTS

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⚠ 6/22/2020

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JAMES GUIDER, P.E.
NJPE #: 32411

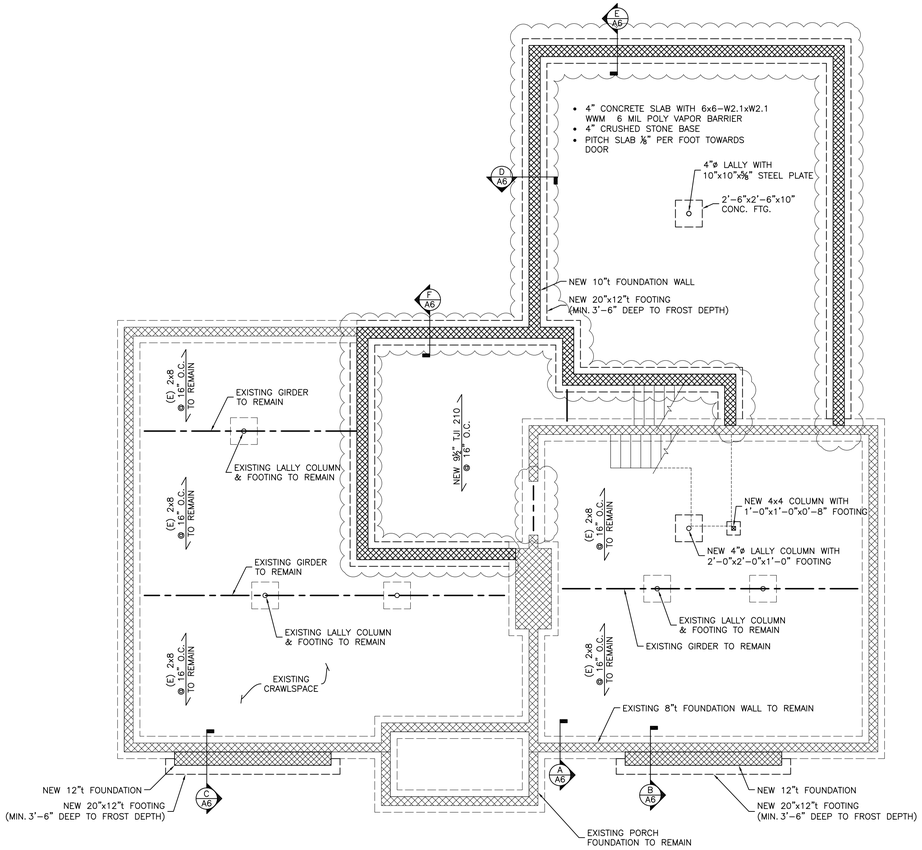
973–428–1101
973–428–1308

DRAWING TITLE:
WALL SECTIONS

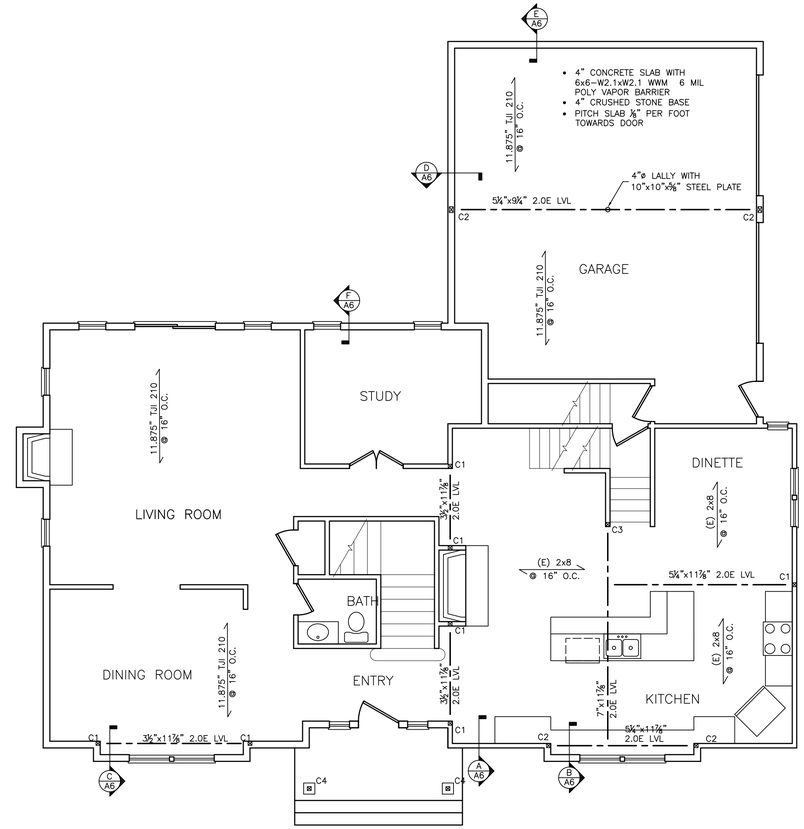
DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
A6



1 FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

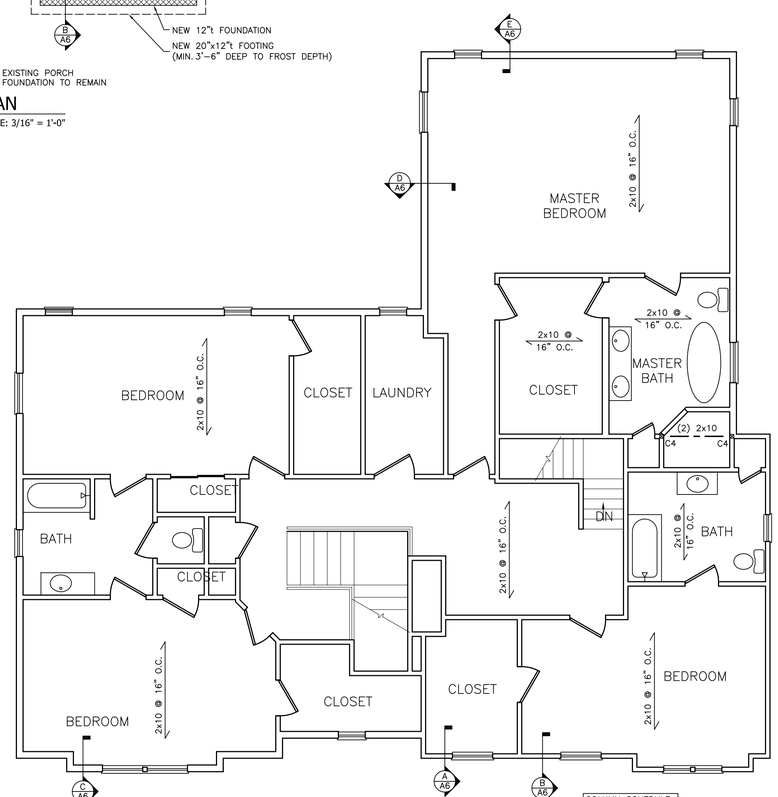


1 FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"

COLUMN SCHEDULE:

C1: 3½" x 3½" PSL
C2: 3½" x 5¼" PSL
C3: 3½" x 7" PSL
C4: 4x4

PROVIDE SIMPSON COLUMN CAP FOR ALL PSL TO LVL CONNECTIONS



1 SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"

COLUMN SCHEDULE:

C4: 4x4

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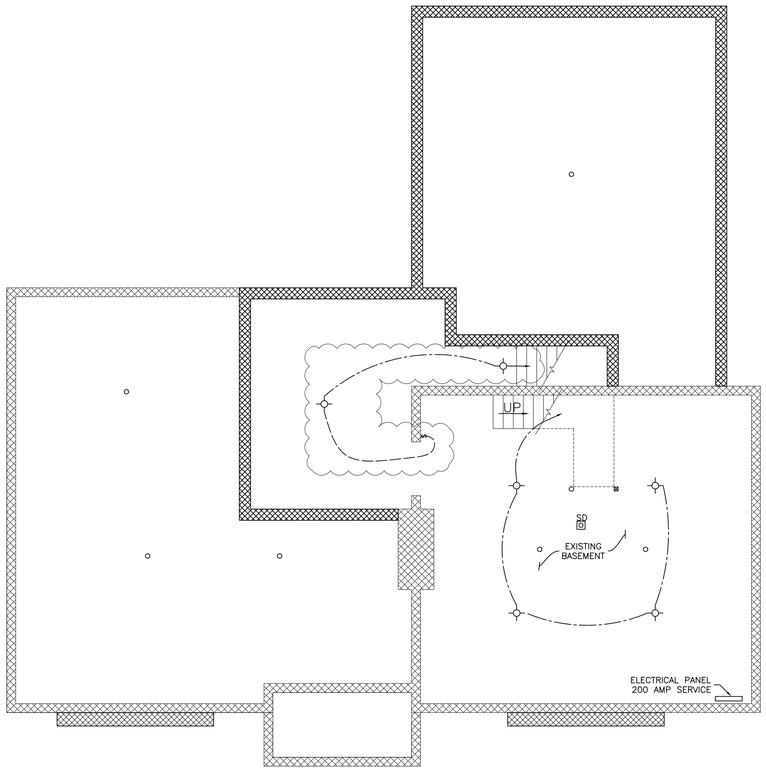
DRAWING TITLE:
FOUNDATION PLAN

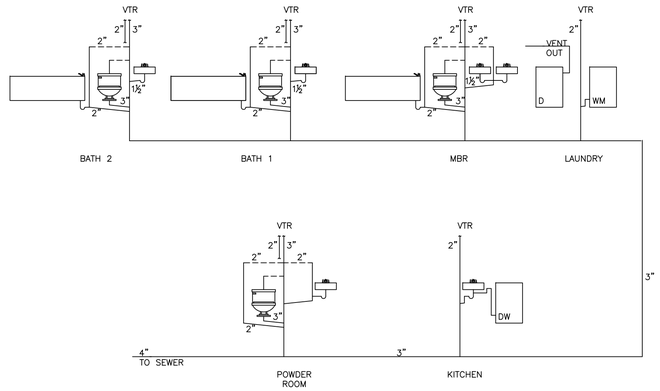
DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
S1

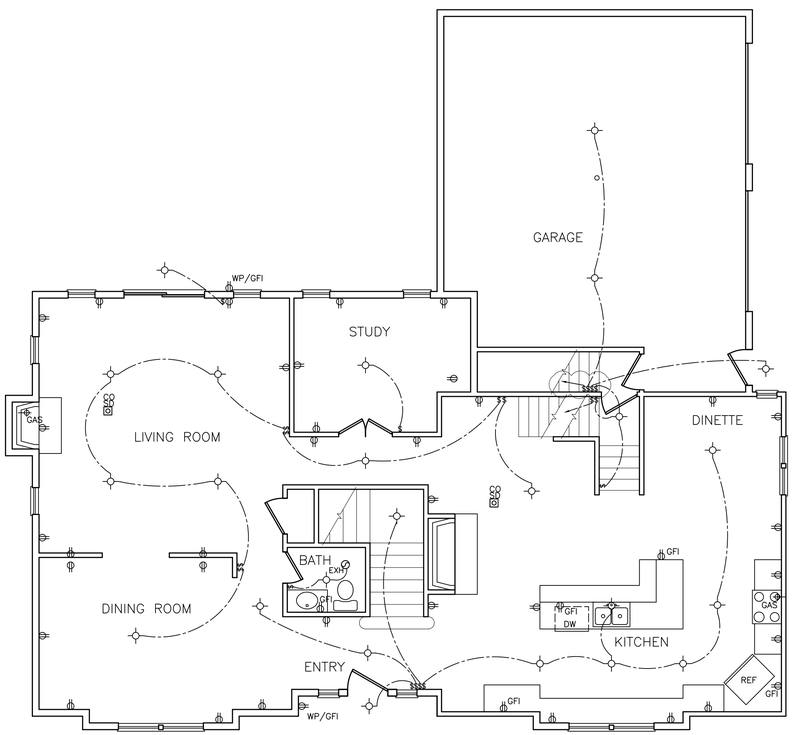


1 ELECTRICAL – FOUNDATION
SCALE: 3/16" = 1'–0"

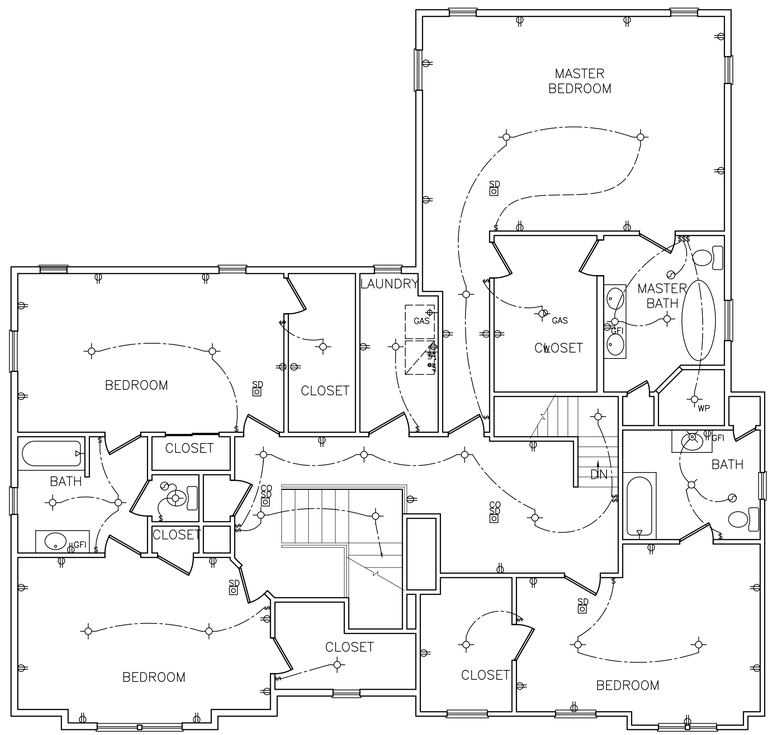


4 RISER DIAGRAM
SCALE: NTS

PLUMBING SCHEMATIC
ALL WORK TO CONFORM TO THE NATIONAL STD PLUMBING CODE AND THE NEW JERSEY UNIFORM CONSTRUCTION CODE



2 ELECTRICAL – FIRST FLOOR
SCALE: 3/16" = 1'–0"



3 ELECTRICAL – SECOND FLOOR
SCALE: 3/16" = 1'–0"

ELECTRICAL INFORMATION

- PROVIDE AND INSTALL SMOKE DETECTORS/ALARMS OF AN APPROVED TYPE, AS REQUIRED BY ALL STATE AND LOCAL CODES. SMOKE DETECTORS/ALARMS SHALL BE HARD–WIRED A/C POWERED WITH BATTERY BACK UP AND CONNECTED TO AN ALARM PANEL WITH CENTRAL STATION MONITORING. SMOKE DETECTORS/ALARMS ARE TO BE INSTALLED AS FOLLOWS: ONE IN EVERY SLEEPING ROOM, ONE LOCATED OUTSIDE OF EACH SLEEPING AREA, AND ONE ON EACH ADDITIONAL FLOOR INCLUDING BASEMENTS, BUT NOT CRAWL SPACES. THE EXACT LOCATIONS AND NUMBER MAY VARY FROM THOSE SHOWN ON DOCUMENTS.
- PROVIDE AND INSTALL CARBON MONOXIDE ALARMS OF AN APPROVED TYPE, AS REQUIRED BY ALL STATE AND LOCAL CODES. CARBON MONOXIDE ALARMS SHALL BE HARD–WIRED WITH BATTERY BACK UP AND INSTALLED IN THE IMMEDIATE VICINITY FOR EACH SLEEPING AREA. THE EXACT LOCATIONS AND NUMBER MAY VARY FROM THOSE SHOWN ON DOCUMENTS.
- IN ADDITION TO DUPLEX OUTLETS SHOWN, THE CONTRACTOR SHALL PROVIDE NEW DUPLEX OUTLETS AS NEEDED TO MEET ALL STATE AND LOCAL CODES.
- EXACT LIGHTING LOCATIONS TO BE DETERMINED IN FIELD. LIGHTING TO BE INSTALLED AS PER ALL STATE AND LOCAL CODES.

KEY:

$	SWITCH		FAN
	OUTLET	SD	CO = CARBON MONOXIDE DETECTOR SD = SMOKE DETECTOR
	LIGHT		
WP	WATERPROOF LIGHT		

J.
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PROJECT:
PROPOSED
SINGLE FAMILY RESIDENCE
CLCS PROPERTY DEVELOPMENT, LLC
1115 LINWOOD AVE
WASHINGTON TWP, NJ 07676
BLOCK: 2502.03, LOT: 2

6/22/2020

DRAWING TITLE:
ELECTRICAL PLAN & RISER DIAGRAM

DATE: 5/1/2020
DRAWN BY: EC

JAYME D. SIEGEL
NJ NO AI 11120

DRAWING NO.
E1