



Building Address: 11318 Old Hopkins Rd
 City: Clanville State: MD Zip Code: 21029
 Suite/Apt. #: _____ SDP/WP/BA #: _____
 Census Tract: _____ Subdivision: _____
 Section: _____ Area: _____ Lot: _____
 Tax Map: _____ Parcel: _____ Grid: _____
 Zoning: _____ Map Coordinates: _____ Lot Size: _____

Property Owner's Name: Susan Lee
 Address: 9455 Keopsone way
 City: Columbia State: MD Zip Code: 21046
 Phone: 410-748-1113 Fax: _____
 Email: Lee SC @ comcast.net

Existing Use: Residential
 Proposed Use: Residential
 Estimated Construction Cost: \$ 50,000
 Description of Work: Home renovation, kitchen renovation new walls, add front porch, move basement door, change entry in basement door
 Occupant/Tenant Name: Susan Lee
 Was tenant space previously occupied? Yes No
 Contact Name: Susan Lee
 Address: 9455 Keopsone way
 City: Columbia State: MD Zip Code: 21046
 Phone: 410-748-1113 Fax: _____
 Email: Leesc@comcast.net

Applicant's Name & Mailing Address, (if other than stated herein)
 Applicant's Name: Lucas Villalobos
 Address: 1680 East Gode drive STE 100
 City: Rockville State: MD Zip Code: 20850
 Phone: 240-644-5239 Fax: _____
 Email: lucas.v@achgroupllc.com

Contractor Company: Basement Martins
 Contact Person: Pavel Abay
 Address: 1680 East Gode drive STE 100
 City: Rockville State: MD Zip Code: 20850
 License No.: 102,925
 Phone: 443-224-0404 Fax: _____
 Email: lucas.v@achgroupllc.com

Engineer/Architect Company: Transforming Architecture
 Responsible Design Prof.: Karen P. Hiley
 Address: 7612 Browns Bridge Rd
 City: Highland State: MD Zip Code: 20777
 Phone: 301-776-1666 Fax: _____
 Email: info@transformingarchitecture.com

Commercial Building Characteristics	Residential Building Characteristics	
Height:	<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	
No. of stories: <u>3</u>	Depth Width	
Gross area, sq. ft./floor:	1 st floor: <u>60</u>	<u>39</u>
<u>3356</u>	2 nd floor: <u>28</u>	<u>38</u>
Area of construction (sq. ft.):	Basement: <u>28</u>	<u>38</u>
<u>261600</u>	<input checked="" type="checkbox"/> Finished Basement	
Use group:	<input type="checkbox"/> Unfinished Basement	
	<input type="checkbox"/> Crawl Space	
Construction type:	<input type="checkbox"/> Slab on Grade	
<input type="checkbox"/> Reinforced Concrete	No. of Bedrooms:	
<input type="checkbox"/> Structural Steel	<u>Multi-family Dwelling</u>	
<input type="checkbox"/> Masonry	No. of efficiency units:	
<input checked="" type="checkbox"/> Wood Frame	No. of 1 BR units:	
<input type="checkbox"/> State Certified Modular	No. of 2 BR units:	
	No. of 3 BR units:	
	Other Structure:	
	Dimensions:	
> Roadside Tree Project Permit	Footings:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Roof:	
Roadside Tree Project Permit #	<input type="checkbox"/> State Certified Modular	
	<input type="checkbox"/> Manufactured Home	

Utilities	
Electric:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gas:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Water Supply	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Sewage Disposal	
<input type="checkbox"/> Public	
<input checked="" type="checkbox"/> Private	
Heating System	
<input type="checkbox"/> Electric <input type="checkbox"/> Oil	
<input type="checkbox"/> Natural Gas <input checked="" type="checkbox"/> Propane Gas	
<input type="checkbox"/> Other:	
Sprinkler System:	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Grading Permit Number:	
Building Shell Permit Number:	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION, UNLESS HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: [Signature]
 Email Address: lucas.v@achgroupllc.com
 Title/Company: Asst Project Manager

Print Name: Lucas Villalobos
 Date: _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY
 PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>10/24/24</u>	<u>[Signature]</u>

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START

DPZ SETBACK INFORMATION
Front:
Rear:
Side:
Side St.:
All minimum setbacks met? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is Entrance Permit Required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Historic District? <input type="checkbox"/> Yes <input type="checkbox"/> No
Lot Coverage for New Town Zone:
SDP/Red-line approval date:

Filing Fee	\$
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$
Check	#

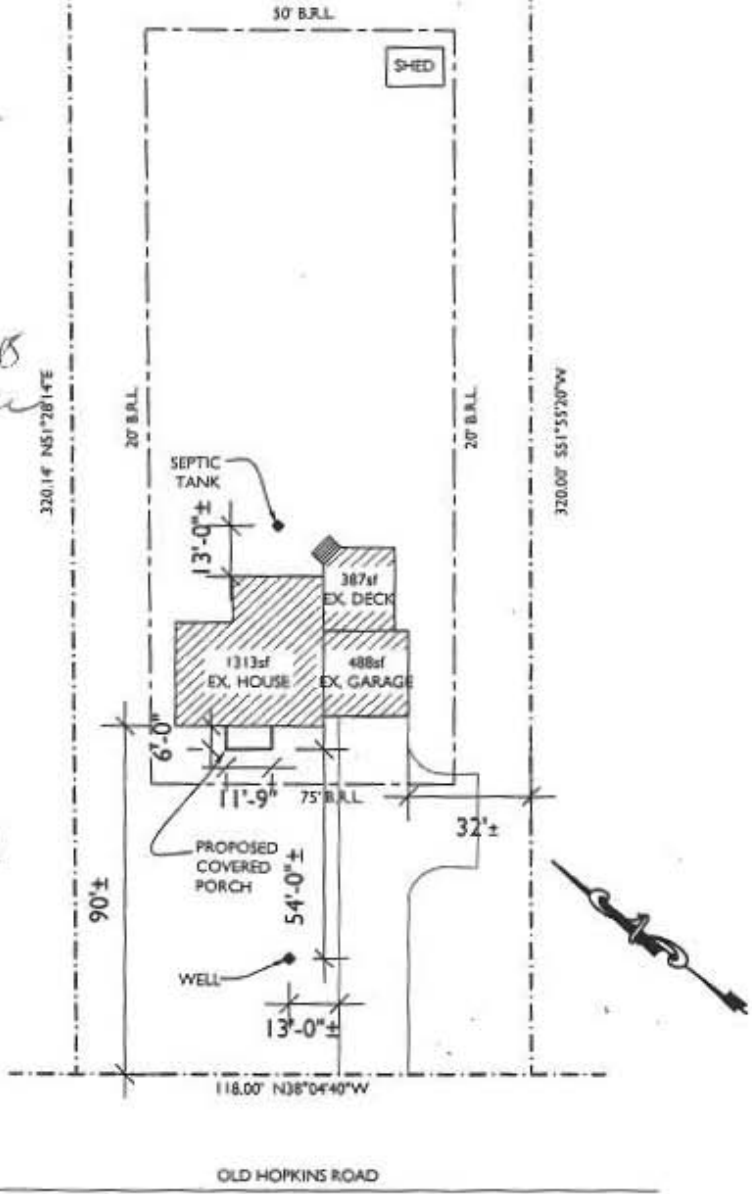
SITE INFO:
 11318 OLD HOPKINS
 ZONING: RR-DEO - RURAL
 RESIDENTIAL
 CLARKSVILLE, MARYLAND
 TAX MAP: 0041,
 GRID:0009, PARCEL:0422
 ELECTION DISTRICT: 4
 MATERIALITY OF EX. HOUSE
 AND GARAGE: BRICK

LOT: 40 LOT: 41
 LOT: 17 LOT: 16 LOT: 15
 .93 ac
 40,402 SF ±

APPROVED
 WALK-THRU BUILDING PERMIT
 BP# _____ A# _____
 APP. SAN D. Benson DATE: 2-22-18
 DESC. OF WORK: Concrete Slab
and Inert Poth



exp. 10/22/19



SITE PLAN
 SCALE: 1"=50'-0"



**TRANSFORMING
 ARCHITECTURE**
 CLIFORM DESIGN | 1941 1925

7612 Browns Bridge Rd
 Highland, MD 20777
 301-776-2666
 301-776-2886 fax
 info@TransformingArchitecture.com
 www.TransformingArchitecture.com

LEE RESIDENCE
 11318 OLD HOPKINS ROAD
 CLARKSVILLE, MD 21029

SITE PLAN

SCALE: AS NOTED DATE: 02-23-18 PROJECT: 17-328

SCOPE OF WORK

RENOVATE KITCHEN BY REMOVING EXISTING WALLS AND CABINETS. REMOVE WALLS AND CLOSET IN FOYER. ADD A 60SF COVERED FRONT PORCH. RENOVATE UPSTAIRS BATHROOM AND UPDATE MASTER BATHROOM FIXTURES. REMOVE CLOSET IN BASEMENT AND ADD POCKET DOORS IN BETWEEN SHOP AND ENTERTAINMENT ROOM. CHANGE ENTRY IN BASEMENT WALK IN CLOSET.

RESIDENTIAL NOTES & SPECIFICATIONS

- GENERAL CONSTRUCTION NOTES
 1. THESE STRUCTURAL NOTES AND SPECIFICATIONS SHALL BE CONSIDERED PART OF THE FINAL DESIGN PACKAGE (INCLUDING CONSTRUCTION DRAWINGS) FOR THE PROJECT SPECIFICALLY DESCRIBED ABOVE. NEITHER THE STRUCTURAL NOTES NOR THE DRAWINGS ALONE ARE SUFFICIENT IN DESCRIBING A COMPLETE DESIGN.
 2. DO NOT SCALE DRAWINGS. WRITTEN DIMENSION ON DRAWINGS SHALL GOVERN. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AND SHALL NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THE OWNER/ARCHITECT BEFORE PROCEEDING WITH FABRICATION OF ASSEMBLIES, STEEL, STAIRS, ROOF AND/OR FLOOR TRUSSES.
 3. WHERE THERE IS CONFLICT BETWEEN DRAWINGS, SPECIFICATIONS OR DETAILS, THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR CLARIFICATION.
 4. PROVIDE TRANSITION STRIPS AT ALL CHANGES IN FLOOR FINISHES.
 5. ALL CLOSETS ARE TO HAVE THE SAME FINISH AS THE ADJOINING ROOM UNLESS OTHERWISE NOTED.
 6. PROVIDE PLUMBING FIXTURE ACCESS PANEL AT EACH TUB AND SHOWER ENCLOSURE AS REQUIRED BY LOCAL JURISDICTION.
 7. PROVIDE HANDRAILS 34"-38" ABOVE NOSINGS ON ALL STAIRS. PROVIDE GUARDRAILS AT RAISED FLOORS, BALCONIES, ETC. 36" OR MORE ABOVE GRADE OR FLOOR BELOW. GUARDS SHALL BE MINIMUM 42" HIGH AND HAVE CLOSURES SPACED TO PREVENT PASSAGE OF A 4" SPHERE.
 8. FLOOR NOMINAL 2X FIVE BLOCKING AT EVERY FLOOR INTERVAL. BULKHEAD AND CHASE. IF OPEN WEB FLOOR TRUSSES ARE UTILIZED, PROVIDE 1/2" GB DRAFTSTOPPING, NOT TO EXCEED 1,000 SF.
 9. PROVIDE A MINIMUM 64" HEAD CLEARANCE FOR ALL STAIRS. STAIR RISERS SHALL NOT EXCEED 7-1/2" AND TREADS SHALL BE AT LEAST 10-1/2".
 10. PROVIDE SOFFIT VENTS, RIDGE VENTS, OR GABLE END VENTS AS SHOWN ON THE DRAWINGS. MAINTAIN MINIMUM 1/800 FREE VENTILATION FOR HORIZONTALLY PROJECTED ROOF AREA. INSTALL PLASTIC OR CARDBOARD BAFFLES IN EACH TRUSS/RAFTER BAY TO MAINTAIN FREE AIR FLOW.
 11. MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS SHALL BE REQUIRED TO SEAL ALL PENETRATIONS IN FLOORS AND EXTERIOR WALLS CAUSED BY THEIR TRADES.
 12. ROUGH CARPENTRY CONTRACTORS SHALL SEAL ALL PANEL BUTT JOINTS AND PLATES AT FLOORS, CEILING, WINDOWS, DOOR FLANGES AND JAMBS.
 13. SHEATHING PENETRATION SHALL BE PATCHED AND REPAIRED TO MANUFACTURER'S SPECIFICATIONS.
 14. SLOPE ALL EXTERIOR PLATFORMS, PORCHES, WALKS AND GARAGE SLABS 1/8" IN 12" TO DRAIN, OR AS NOTED ON PLANS.
 15. PROVIDE TERMITE PROTECTION INCLUDING SOIL TREATMENT BY LICENSED EXTERMINATOR.

- SPECIFICATIONS - GENERAL CONDITIONS
 1. ALL WORK SHALL CONFORM TO ALL LOCAL AND NATIONAL ORDINANCES & BUILDING CODES APPLICABLE TO THIS PROJECT, INCLUDING BUT NOT LIMITED TO INTERNATIONAL RESIDENTIAL CODE - 2015.
 2. DIMENSIONS GIVEN ON SCHEDULES ARE NOMINAL. CONTRACTOR AND MANUFACTURERS ARE TO COORDINATE ALL DIMENSIONS CONCERNING DOORS, PANELS, WINDOWS, EQUIPMENT, ETC. AND THEIR OPENINGS PRIOR TO FABRICATION AND CONSTRUCTION.
 3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GRADES, BOUNDARIES, EASEMENTS AND CONSTRUCTION BEFORE PROCEEDING WITH THE WORK AND REPORT IMMEDIATELY ANY DISCREPANCIES TO THE ARCHITECT AND/OR OWNER.
 4. DESIGN STANDARDS
 USE GROUP: RESIDENTIAL
 CONST. TYPE: TWO STORY WOOD FRAME W/ SIDING
 5. DESIGN LOADS (IRC TABLE 301.5) WIND LOAD
 ROOF LIVE LOAD: 30 PSF WIND SPEED: 115 MPH
 GROUND SNOW LOAD: 25 PSF IMPORT FACTOR: 1
 FLOOR LIVE LOAD (F.F.): 40 PSF EXP. FACTOR: "C"
 FLOOR LIVE LOAD (S.F.): 30 PSF SEISMIC DESIGN CAT: B
 ATTIC LIVE LOAD (ATTIC): 20 PSF WEATHERING: SEVERE
 GARAGE LIVE LOAD: 50 PSF
 GUARD RAILS: 200 LBS. FORCE IN ANY DIRECTION
 SOIL BEARING: ASSUMED 2,000 PSF FROST LINE DEPTH - 30"
 TERMITE: VERY HEAVY DECA: VERY HEAVY
 RADON RESISTANT CONSTRUCTION REQD: YES

- CONCRETE
 1. CONCRETE FOR THIS PROJECT SHALL BE NORMAL WEIGHT (145 PCF) AND CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) STANDARD 318-99.
 2. CONCRETE SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 3. ALL REINFORCING BAR SHALL BE GRADE 60 (FY=60,000 PSI)
 4. ALL INTERIOR CONCRETE SLABS SHALL BE 4" THICK AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI WITH 6X6 - W/ 4 # W/ 4 W/WF AND BE POURED OVER A SIX (6) MIL POLY VAPOR BARRIER OVER 4" POKERUS GRANULAR FILL.
 5. ALL INTERIOR CONCRETE SLABS 30'-0" OR GREATER IN ANY DIMENSION SHALL HAVE CONTROL JOINTS.
 6. ALL EXTERIOR CONCRETE SLABS SHALL BE AIR ENTRAINED (AIR CONTENT BETWEEN 5% AND 7%) INCLUDING THE GARAGE SLAB. AND HAVE 4" GRANULAR FILL MIN BELOW CONCRETE SLAB.
 7. WHERE PORCH (NOT MONOLITHICALLY POURED), PATIO OR OTHER CONCRETE FLAT WORK ADJUTS AN EXISTING CONCRETE SLAB PROVIDE A 1/4" ASPHALT IMPREGNATED FIBER BOARD EXPANSION JOINT.
 8. ALL REINFORCING SHALL CONFORM TO "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT" (ASTM 11615-60). WELDED WIRE FABRIC SHALL CONFORM TO LATEST ASTM A-185.
 9. REINFORCEMENT FOR THE ANCHORAGE OF CONNECTING WORK, IF NOT CONTINUOUS, AND REINFORCEMENT FOR TEMPERATURE AND ALL OTHER PURPOSES NOT SPECIFICALLY PROVIDED, SHALL LAP 30 BAR DIAMETERS OR 18" MINIMUM AT ALL SPICES, OR SHALL HAVE DOWELS OF THE SAME BAR SIZE AND SPACING AS THAT OF REINFORCING TO BE SPLICED OR WORK TO BE CONNECTED.
 10. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT:
 CONCRETE DEPOSITED AGAINST GROUND 3"
 FORMED CONCRETE IN CONTACT WITH GROUND 2"
 FORMED CONCRETE NOT IN CONTACT WITH GROUND 1 1/2"

- PREPARATION FOR SLAB
 1. REMOVE ALL VEGETATION AND TOP SOIL CONTAINING ORGANIC MATERIALS FROM THE ENTIRE AREA TO BE COVERED BY THE BUILDING.
 2. IF FILL IS REQUIRED TO RAISE SLAB, SCARIFY THE SUB GRADE TO A DEPTH OF 6" AND RECOMPACT TO A MINIMUM DENSITY OF 92% AND A MAXIMUM OF 98% OF STANDARD PROCTOR DENSITY (ASTM-D-698) WITH A MOISTURE CONTENT AT OR SLIGHTLY ABOVE OPTIMUM.
 3. INSTALL FILL IN LOOSE LIFTS OF 6" THICK AND UNIFORMLY COMPACTED AS IN THE NOTE ABOVE.
 4. FILL MATERIALS SHALL BE VERY SANDY TO CLAYEY SAND WITH A PLASTICITY INDEX (PI) IF BETWEEN 2 AND 15.

- FOUNDATION PERIMETER INSULATION
 1. INSTALL EXPANDED RIGID CLOSED CELL POLYSTYRENE FOAM BORDER FED SPEC HH-4-542B. DENSITY 2.1 LBS PER CU. FT. "R" VALUE PER 1" THICKNESS - 5.41

- FINISHES
 1. ALL FINISHES SHALL BE CLASS C OR BETTER WITH A FLAME SPREAD OF 76-200 OR BETTER AND A SMOKE DEVELOPED INDEX OF 0-450.

- AIR LEAKAGE
 BUILDING THERMAL ENVELOPE. THE BUILDING THERMAL ENVELOPE SHALL BE DURABLY SEALED TO LIMIT INFILTRATION. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION. THE FOLLOWING SHALL BE CAULKED, GASKETED, WEATHER STRIPPED OR OTHERWISE SEALED WITH AN AIR BARRIER MATERIAL, SUITABLE FILM OR SOLID MATERIAL:
 1. ALL JOINTS, SEAMS AND PENETRATIONS.
 2. SITE-BUILT WINDOWS, DOORS AND SKYLIGHTS.
 3. OPENINGS BETWEEN WINDOW AND DOOR ASSEMBLIES AND THEIR RESPECTIVE JAMBS AND FRAMING.
 4. UTILITY PENETRATIONS
 5. DROPPED CEILINGS OR CHASES ADJACENT TO THE THERMAL ENVELOPE.
 6. KNEE WALLS.
 7. WALLS AND CEILINGS SEPARATING A GARAGE FROM CONDITIONED SPACES.
 8. BEHIND TUBS AND SHOWERS ON EXTERIOR WALLS.
 9. COMMON WALLS BETWEEN DWELLING UNITS.
 10. ATTIC ACCESS OPENINGS.
 11. AIR JOIST JUNCTION.
 12. OTHER SOURCES OF INFILTRATION.

- STAIR:
 DIMENSION:
 MAX R: 7 1/2"
 MIN T: 10"

SHEET INDEX

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A-102	FLOOR PLANS	E-100	ELECTRICAL FLOOR PLANS
A-103	FOUNDATION, FIRST FLOOR FRAMING, FIRST FLOOR ROOF FRAMING PLAN, AND ROOF PLAN		

STRUCTURAL STEEL NOTES

1. MATERIALS
 STRUCTURAL STEEL AND PLATE ASTM A36
 UNFINISHED BOLTS ASTM A307
 HIGH-STRENGTH BOLTS ASTM A325
 WELDING ELECTRODES ASTM 1235, CLASS E70
 2. BEAM TO BEAM AND COLUMN CONNECTIONS SHALL BE AISC STANDARD (FULL DEPTH) WHERE REACTIONS EXCEED MINIMUM CONDITIONS, THE APPROPRIATE CONNECTIONS SHALL BE DETERMINED BY FABRICATOR (CONTRACTOR).
 3. ALL MAJOR CONNECTIONS SHALL BE HIGH STRENGTH FRICTION BOLTS OR WELDS OF EQUAL STRENGTH. ANCHOR BOLTS SHALL BE UNFINISHED BOLTS.
 4. STEEL WORK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH LATEST AISC SPECIFICATIONS.
 5. SUBMIT SHOP DRAWINGS FOR ALL STEEL WORK.
 6. STEEL LINTELS - FOR ALL OPENINGS AND RECESSES IN STONE OR BRICK FACED WALLS NOT SPECIFICALLY DETAILED, PROVIDE ONE STEEL ANGLE FOR EACH 4 INCHES OF WALL THICKNESS. STEEL ANGLES TO HAVE MINIMUM BEARING OF 4" AT EACH END. HORIZONTAL LEG SHALL BE 3 1/2" UNLESS OTHERWISE SHOWN.
 7. LINTEL SCHEDULE (UNLESS NOTED OTHERWISE ON PLANS) NOTE: ALL LINTELS ARE TO RECEIVE SHOP APPLIED CORROSION PROTECTION.
 8. STEEL BEAM POCKETS. SIZE AS INDICATED ON PLANS. BEAMS SHALL HAVE A MINIMUM BEARING OF 4" IN LENGTH MEASURED PARALLEL TO THE BEAM UPON SOLID MASONRY NOT LESS THAN 4" IN THICKNESS OR UPON A METAL BEARING PLATE OF ADEQUATE DIMENSIONS TO DISTRIBUTE THE LOAD SAFELY. AREA AROUND BEAM TO RECEIVE PARGE FINISH.
 9. 2x4 BEAM PLATE IS ANCHORED TO STEEL BEAM WITH 3/8" DIAMETER STEEL BOLTS OR EQUIVALENT POWER ACTIVATED FASTENERS AT 48" O/C. FASTENERS TO BE LOCATED A NEAR TO CENTER OF BEAM AS POSSIBLE.
 10. STEEL BEAMS SHALL HAVE A MINIMUM BEARING OF 4 INCHES IN CONCRETE POCKETS AND A MINIMUM BEARING OF 3 INCHES ON STEEL COLUMNS. STEEL BEAMS SHALL BE CENTERED OVER COLUMNS BELOW.

- MASONRY
 1. MASONRY VENEER SHALL BE ATTACHED TO THE SUPPORTING WALL WITH CORROSION RESISTANT METAL TIES. EACH TIE SHALL BE 24" ON CENTER HORIZONTALLY AND SHALL SUPPORT NOT MORE THAN 1/4 SQUARE FEET OF WALL AREA. ADDITIONAL METAL TIES SHALL BE PROVIDED AROUND ALL WALL OPENINGS GREATER THAN 16". THESE TIES SHALL BE SPACED NOT MORE THAN 3" ON CENTER AND PLACED WITHIN 12" OF THE WALL OPENING.
 2. CONCRETE MASONRY UNITS SHALL MEET ASTM C-90 GRADE A, 38 DAYS OLD BEFORE INSTALLATION. MINIMUM NET COMPRESSIVE STRENGTH OF BLOCK TO BE 3000 PSI.
 3. CARE AND PROPER MEASURES SHALL BE EMPLOYED TO PREVENT ANY SUPER IMPOSED LOADS (I.E. WIND LOADS, SHOWING OR OTHER LATERAL FORCES) FROM BULGING OR DISTORTING FINISHED MASONRY WALLS BY WAY OF SHOWING, BRACING OR OTHER MEANS AS SITE REQUIRES.
 4. USE TYPE "M" MORTAR FOR MASONRY BELOW GRADE IN CONTACT WITH EARTH.
 5. USE TYPE "N" MORTAR FOR EXTERIOR, ABOVE GRADE LOAD BEARING OR NON-LOAD BEARING MASONRY WALLS AND FOR OTHER AREAS IF NOT OTHERWISE NOTED. EXCEPTION - MASONRY CONSTRUCTION REQUIRING HEAT RESISTANT MORTAR SHALL HAVE A REFRACTORY AIR SETTING MORTAR.
 6. BRICK VENEER TO BE INSTALLED WITHIN 3/16" DIA WEEP HOLES SPACED AT A MAXIMUM OF 24" O.C. HORIZONTALLY.

- HEADERS
 1. ALL HEADERS ARE TO BE DOUBLE 2X12 UNLESS SPECIFICALLY NOTED OTHERWISE.

- WOOD FRAMING
 1. UNLESS OTHERWISE NOTED, ALL INTERIOR PARTITIONS TO BE CONSTRUCTED WITH 2X4 STUDS, 16" O.C. WITH DOUBLE TOP PLATE. MINIMUM 2X12 HEADER/LINTELS AT ALL OPENINGS IN BEARING OR EXTERIOR WALLS. SHEATHING TO BE 1/2" CDX PLTWOOD OR OSB.
 2. ALL FRAMING LUMBER TO HAVE A MINIMUM ALLOWABLE EXTREME FIBER BENDING STRESS OF 1200 PSI (FB-1200 PSI) AND A MINIMUM MODULUS OF ELASTICITY OF 1,600,000 PSI (E-1,600,000 PSI).
 3. ALL FLOOR DECKS ARE TO BE GLUED TO SUPPORTING BEAMS AND JOIST WITH PL-400 ADHESIVE AS MANUFACTURED BY "CONTECH" OR APPROVED EQUAL.
 4. ALL WOOD BEAMS MADE OF TWO OR MORE MEMBERS SHALL BE GLUED WITH PL-400 ADHESIVE AND NAILED TOGETHER @ 12"
 5. ALL WOOD POSTS MADE UP OF MULTIPLE PIECES SHALL BE GLUED WITH PL-400 ADHESIVE AND NAILED @ 12" O.C. BOTH SIDES.
 6. DIRECTLY UNDER PARTITIONS WHICH RUN TO JOISTS (AND ARE OTHERWISE UNSUPPORTED) INSTALL DOUBLE JOISTS.
 7. ALL RAFTERS AND JOISTS SHALL HAVE WOOD OR METAL CROSSBRIDGING AT 8' O.C. OR AT CENTER OF SPAN WHICHEVER IS LESS.
 8. CONTINUOUS LOAD PATH: STEEL HARDWARE CONNECTORS TO GUARD AGAINST UPLIFT FORCES SHALL BE INSTALLED FROM THE FOUNDATIONS TO THE ROOF RAFTERS AT ALL STUDS. THESE SHALL INCLUDE BUT ARE NOT LIMITED TO FOUNDATION CONNECTORS, FLOOR TO FLOOR CONNECTORS, AND ROOF RAFTER HURRICANE CONNECTORS/ANCHORS.
 9. MINIMUM BEARING FOR WOOD JOIST, RAFTERS AND BEAMS SHALL BE 3 1/2" ON WOOD AND 4" ON MASONRY.
 10. INSTALL WOOD JOIST HANGER & WOOD BEAM HANGER CONNECTIONS AS FOLLOWS:
 JOIST HANGER MIN. CAPACITY - 800#
 BEAM HANGER MIN. CAPACITY - 3500#
 11. INSTALL MINIMUM DOUBLE STUDS AT JAMBS OF ALL OPENINGS IN WALLS OR AS SHOWN ON PLAN.
 12. ALL MANUFACTURED TRUSSES ARE TO BE IN ACCORDANCE WITH ASCE 7-95.
 13. FOUNDATION ANCHORAGE: SILL PLATES AND WALLS SUPPORTED DIRECTLY ON CONT. FOUNDATIONS SHALL BE ANCHORED ACCORDING TO IRC R403.1.6.

- FINISHES
 1. ALL FINISHES SHALL BE CLASS C OR BETTER WITH A FLAME SPREAD OF 76-200 OR BETTER AND A SMOKE DEVELOPED INDEX OF 0-450.

- AIR LEAKAGE
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- STAIR:
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ROOM FINISH SCHEDULE

ROOM NAME	FLOOR				WALLS		CEILING		REMARKS
	HARDWOOD FLOOR	CERAMIC TILE	COMPOSITE DECKING	SLATE	CONCRETE	CARPET	PAINTED GYP. BD.	PAINTED GYP. BD. BEAD BOARD	
FRONT PORCH									
FOYER	X								
PARLOR	X								
DINING ROOM	X								
KITCHEN	X								
FAMILY ROOM	X								
LAUNDRY	X	X							
POWDER ROOM	X								
GARAGE			X						
HALL	X								
BATH 1	X	X							
MASTER BEDROOM	X								
MASTER W.I.C.	X								
MASTER BATH	X	X							
BEDROOM 1				X					
BEDROOM 2				X					
BEDROOM 3				X					

WINDOW SCHEDULE

WINDOW				REMARKS
TYPE	MAT.	SIZE.	OPERATION	
A	VINYL	3/0x3/0	DOUBLE HUNG	
MIN. DUAL PANE, LOW-E & ARGON GAS FILLED. MAX. U = .31 TRIM TO BE WHITE				

DOOR SCHEDULE

NO.	SIZE.	INT/EXT	SADDLE	LABEL	REMARKS
01	3/0x6/8	EXT	YES		ENTRY DOOR W/ 14 LITES
02	(2) 2/6x6/8	INT	NO		DOUBLE BIFOLD DOOR
03	FT TO EX. OPENING	INT	NO		SINGLE BIFOLD DOOR
04	(2) 2/6x6/8	EXT	YES		DOUBLE DOOR W/ GLASS
05	3/0x6/8	INT	NO		POCKET DOOR
06	3/0x6/8	INT	NO		SINGLE DOOR
07	3/0x6/8	INT	NO		SINGLE DOOR
08	3/0x6/8	INT	NO		SINGLE DOOR
09	(2) 2/0x6/8	INT	NO		DOUBLE BIFOLD DOOR
11	3/0x6/8	INT	NO		SINGLE DOOR
12	3/0x6/8	INT	NO		SINGLE DOOR
13	2/8x6/8	INT	NO		SINGLE DOOR

HEADER SCHEDULE (U.N.O.)

OPENING SIZE	HEADER SIZE
OPENINGS UP TO 3'	(2) 2x10
OPENINGS GREATER THAN 3' UP TO 6'	(2) 1.75 x 9.50 1.9E MICROLAM
OPENINGS GREATER THAN 6' UP TO 8'	(2) 1.75 x 11.875 1.9E MICROLAM

STEEL LINTEL SCHEDULE (U.N.O.)

STEEL ANGLE SIZE	# STORIES ABOVE			# OF 1/2" REBARS
	NONE	ONE	TWO	
3 x 3 x 1/4	6'-0"	3'-6"	3'-0"	1
4 x 3 x 1/4	8'-0"	5'-0"	3'-0"	1
6 x 3-1/2 x 1/4	14'-0"	8'-0"	3'-6"	2
2 - 6 x 3-1/2 x 1/4	20'-0"	11'-0"	11'-0"	4

CABINET SCHEDULE

NO.	DESIGNATION	W-D-H	TYPE	REMARKS
01	OC_D	30-24-90	TALL	OVEN CABINET - DOUBLE
02	BPPS	21-24-34.5	BASE	BASE POT AND PAN STORAGE
03	BPP	9-24-34.5	BASE	BASE PANTRY PULLOUT
04	DRB	30-24-34.5	BASE	DEEP RANGE BASE
05	B	9-24-34.5	BASE	BASE SINGLE DOOR W/TRAY DIVIDER
06	BPPS	12-24-34.5	BASE	BASE SINGLE DOOR
07	EZR_SS	33-24-34.5	BASE	EASY REACH SUPER SUSAN
08	SB	36-24-34.5	BASE	SINK BASE
09	BWBT_2	18-24-34.5	BASE	BASE DOUBLE WASTEBASKET TOP MOUNT
10	B	27-24-34.5	BASE	BASE POT AND PAN STORAGE
11	B	27-24-34.5	BASE	BASE POT AND PAN STORAGE
12	BMC	33-24-34.5	BASE	BASE MICROWAVE CABINET
13	B	24-24-34.5	BASE	BASE DOUBLE DOOR
14	EZR_SS	36-24-34.5	BASE	EASY REACH SUPER SUSAN
17	B	24-24-34.5	BASE	BASE DOUBLE DOOR
18	B	24-24-34.5	BASE	BASE DOUBLE DOOR
25	W	27-12-36	WALL	WALL DOUBLE DOOR W/ GLASS
26	W	27-12-36	WALL	WALL DOUBLE DOOR W/ GLASS
27	WA	24-12-36	WALL	WALL ANGLE
28	W	24-12-36	WALL	WALL DOUBLE DOOR
29	W	30-12-36	WALL	WALL DOUBLE DOOR
30	W	24-12-36	WALL	WALL DOUBLE DOOR
35	W	24-12-36	WALL	WALL DOUBLE DOOR W/ GLASS
36	W	24-12-36	WALL	WALL DOUBLE DOOR W/ GLASS
40	RTC	36-24-90	TALL	REFRIGERATOR TALL CABINET
50	YSB_3D	60-21-33.5	BASE	VANITY SINK BASE THREE DRAWER

REINFORCED CONCRETE AND MASONRY FOUNDATION WALLS

MAX. WALL HT. (FT.)	MAX. UNBALANCED BACKFILL HT.	MIN. VERT. REINFORCEMENT SIZE & SPACING FOR 10" NOMINAL WALL THICKNESS		
		SOIL CLASSES	GM, GC, SM, SM-SC & ML SOILS	SC, MH, ML-CL & INORG. CL SOILS
9	5	#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 48" O.C.
	6	#4 @ 56" O.C.	#4 @ 40" O.C.	#4 @ 32" O.C.
	7	#4 @ 56" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
	8	#4 @ 32" O.C.	#6 @ 48" O.C.	#4 @ 16" O.C.
	9	#5 @ 40" O.C.	#6 @ 40" O.C.	#7 @ 40" O.C.
9	5	#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.
	6	#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
	7	#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.
	8	#5 @ 40" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.
	9	#6 @ 40" O.C.	#6 @ 24" O.C.	#6 @ 16" O.C.
10	7'-4"	#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
	8'-0"	#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.
	8'-8"	#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.
	9'-4"	#6 @ 72" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.
	10'-0"	#6 @ 64" O.C.	#6 @ 40" O.C.	#6 @ 32" O.C.

APPROVED
 WALK-THRU BUILDING PERMIT
 BP#
 APR SAN Done Beyond DATE: 2-22-18
 DESC. OF WORK: Renovate Kitchen
 And front porch



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 3



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PROJECT PHASE
CD

PROJECT TITLE
THE LEE RESIDENCE
 11318 Old Hopkins Road
 Clarksville, MD 21029

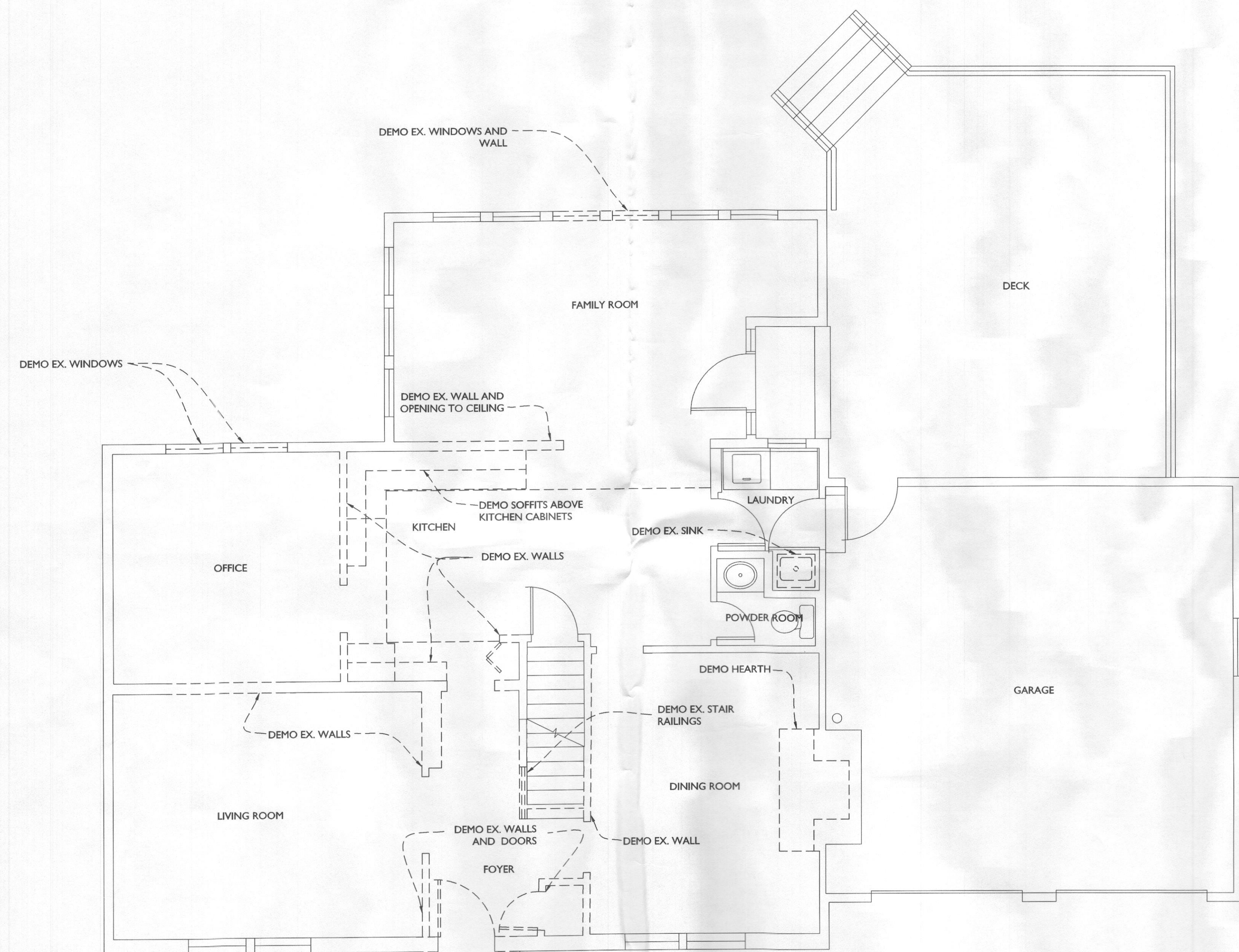
REVISIONS

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 17-328
 DATE 02/21/2018
 SCALE AS NOTED

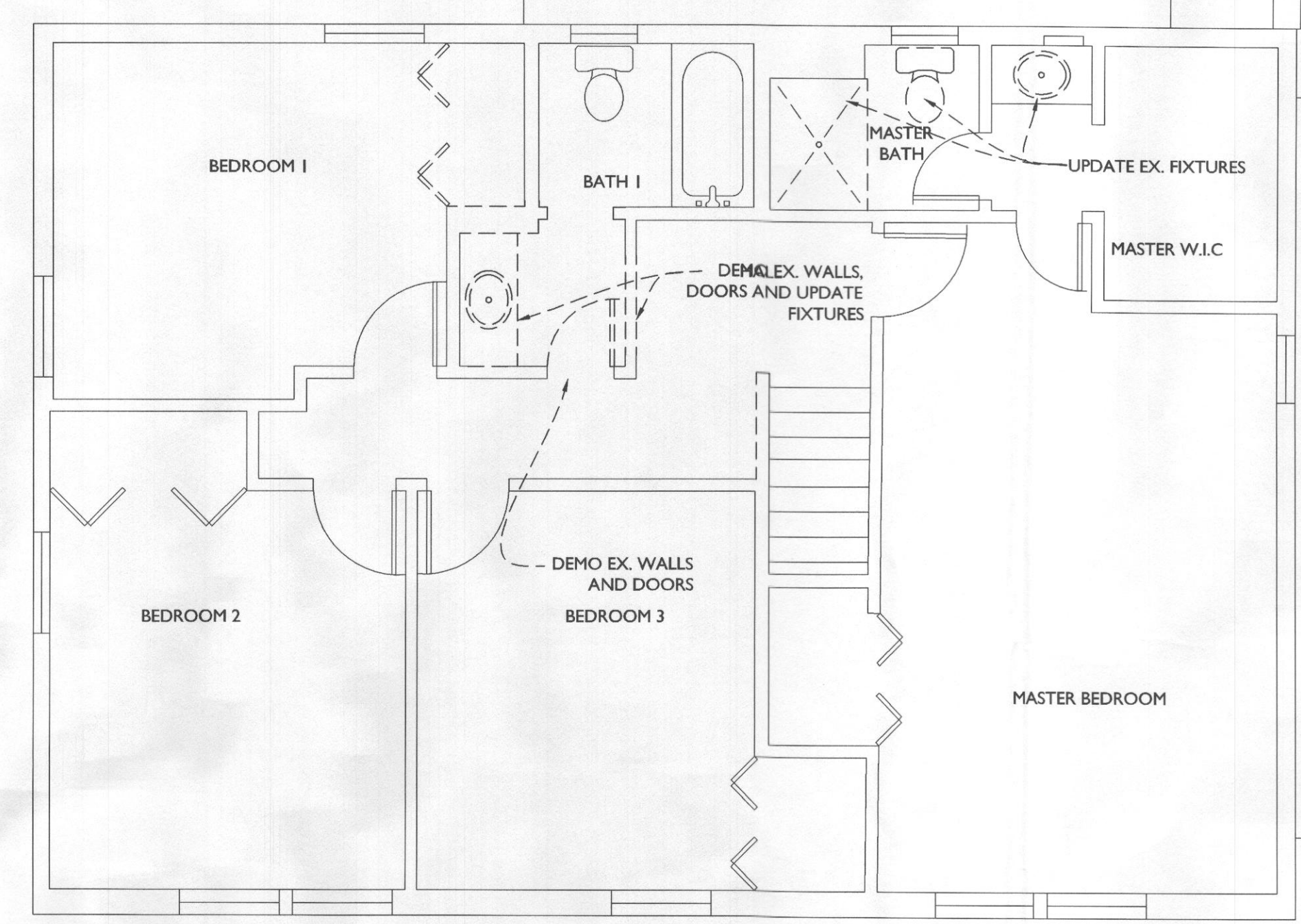
DRAWING TITLE
DEMO PLANS

SHEET NUMBER
A-101

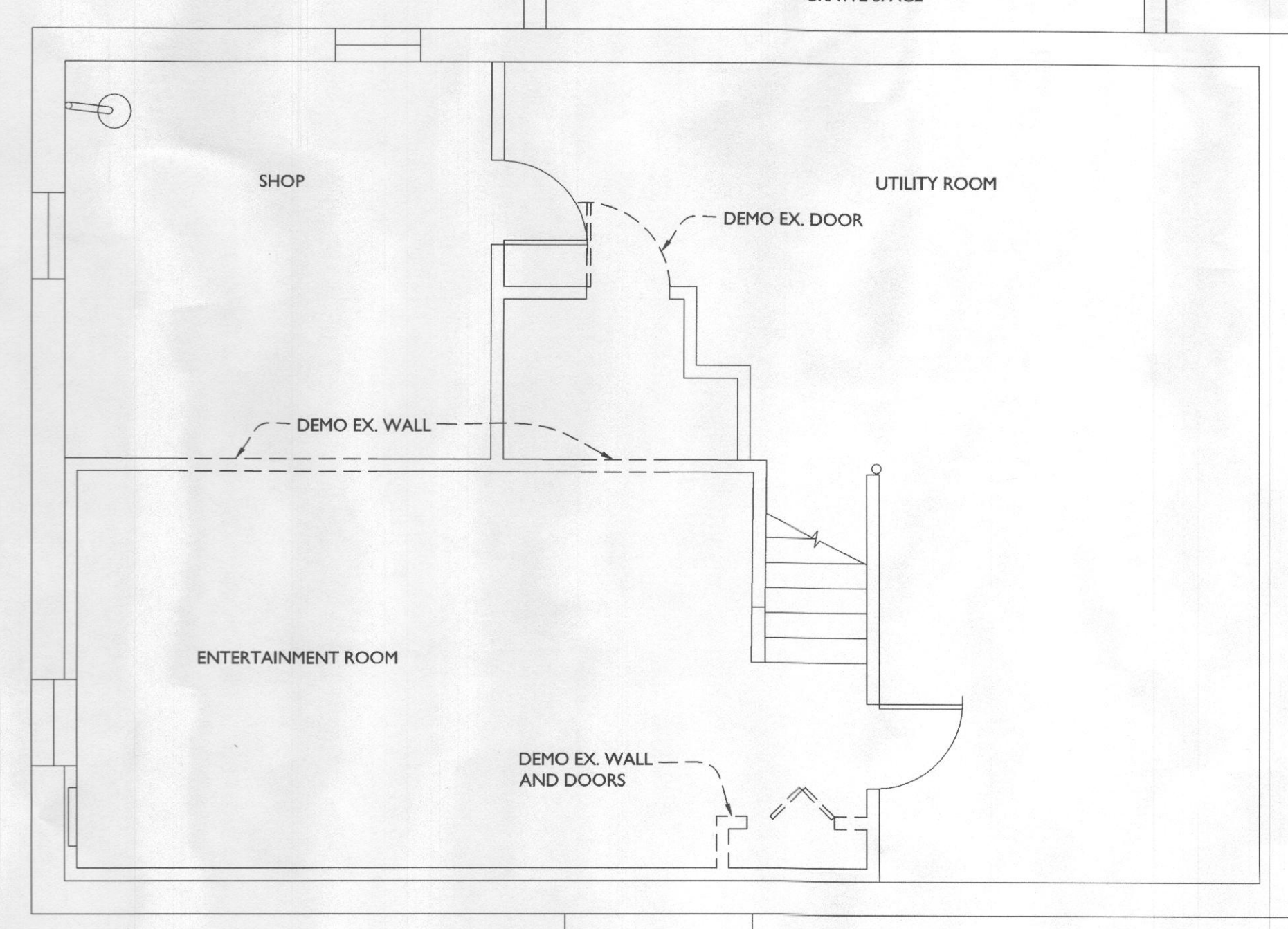


1
FIRST FLOOR DEMO PLAN
 A101 SCALE: 1/4"=1'-0"

- LINE TYPE KEY:
- NEW WALL [Solid line]
 - EXIST. WALL [Dashed line]
 - ABOVE LINE [Dotted line]
 - FDN. WALL [Cross-hatched pattern]
 - DEMO WALL [Dashed line]



2
SECOND FLOOR DEMO PLAN
 A101 SCALE: 1/4"=1'-0"



3
BASEMENT DEMO PLAN
 A101 SCALE: 1/4"=1'-0"



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PROJECT PHASE
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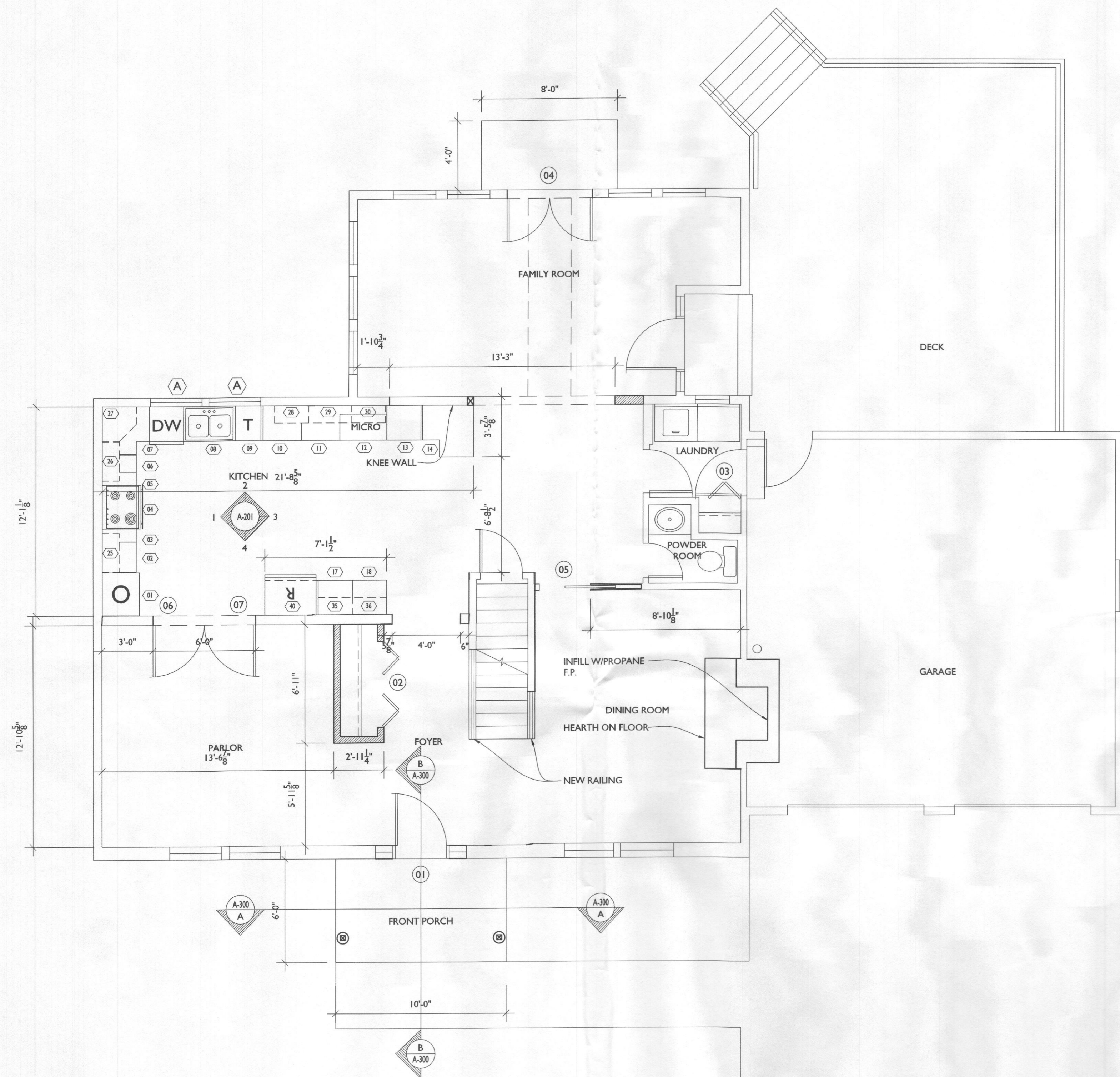
PROJECT TITLE
THE LEE RESIDENCE
 11318 Old Hopkins Road
 Clarksville, MD 21029

REVISIONS		
SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 17-328
 DATE 02/21/2018
 SCALE AS NOTED

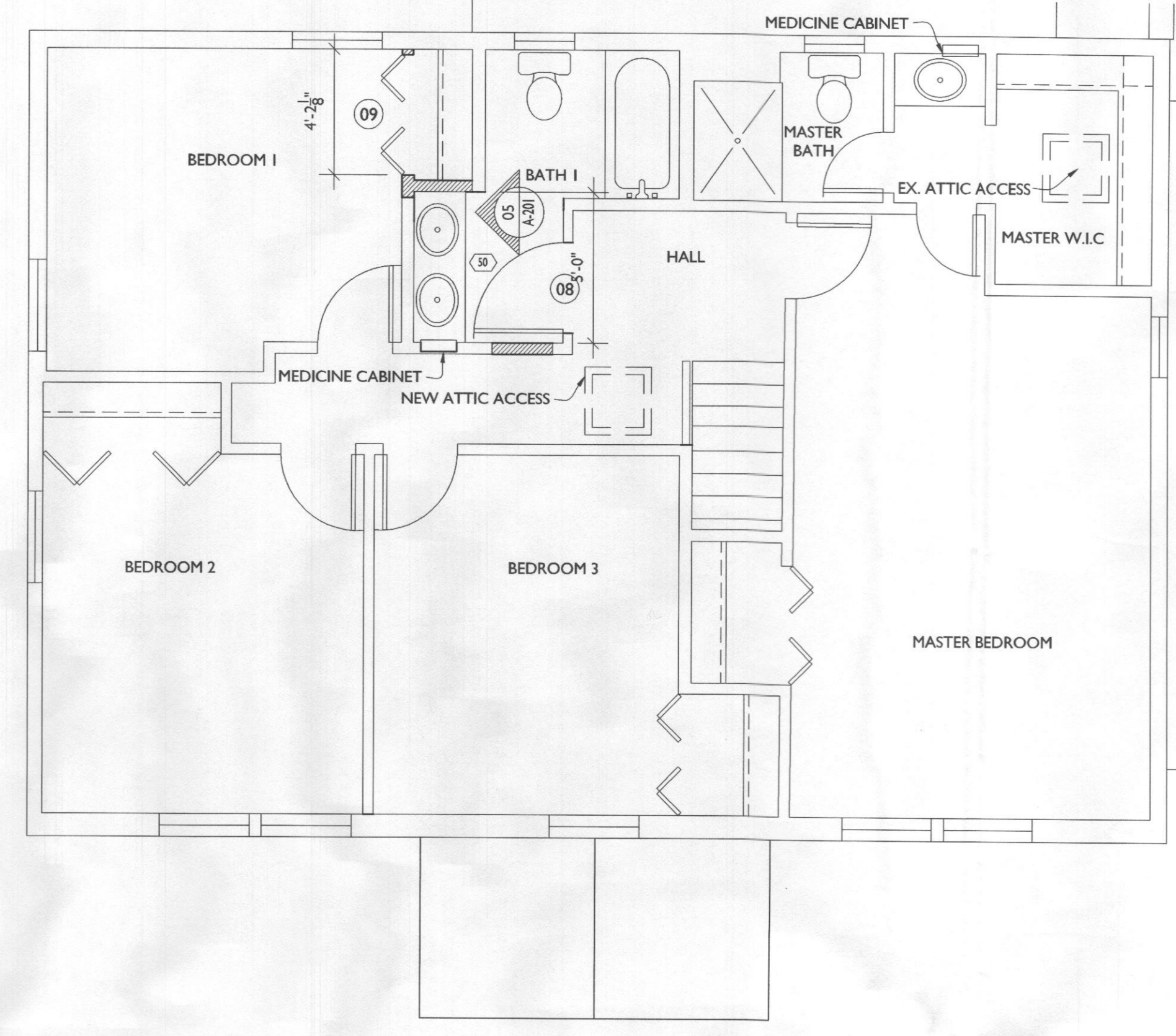
DRAWING TITLE
FLOOR PLANS

SHEET NUMBER
A-102

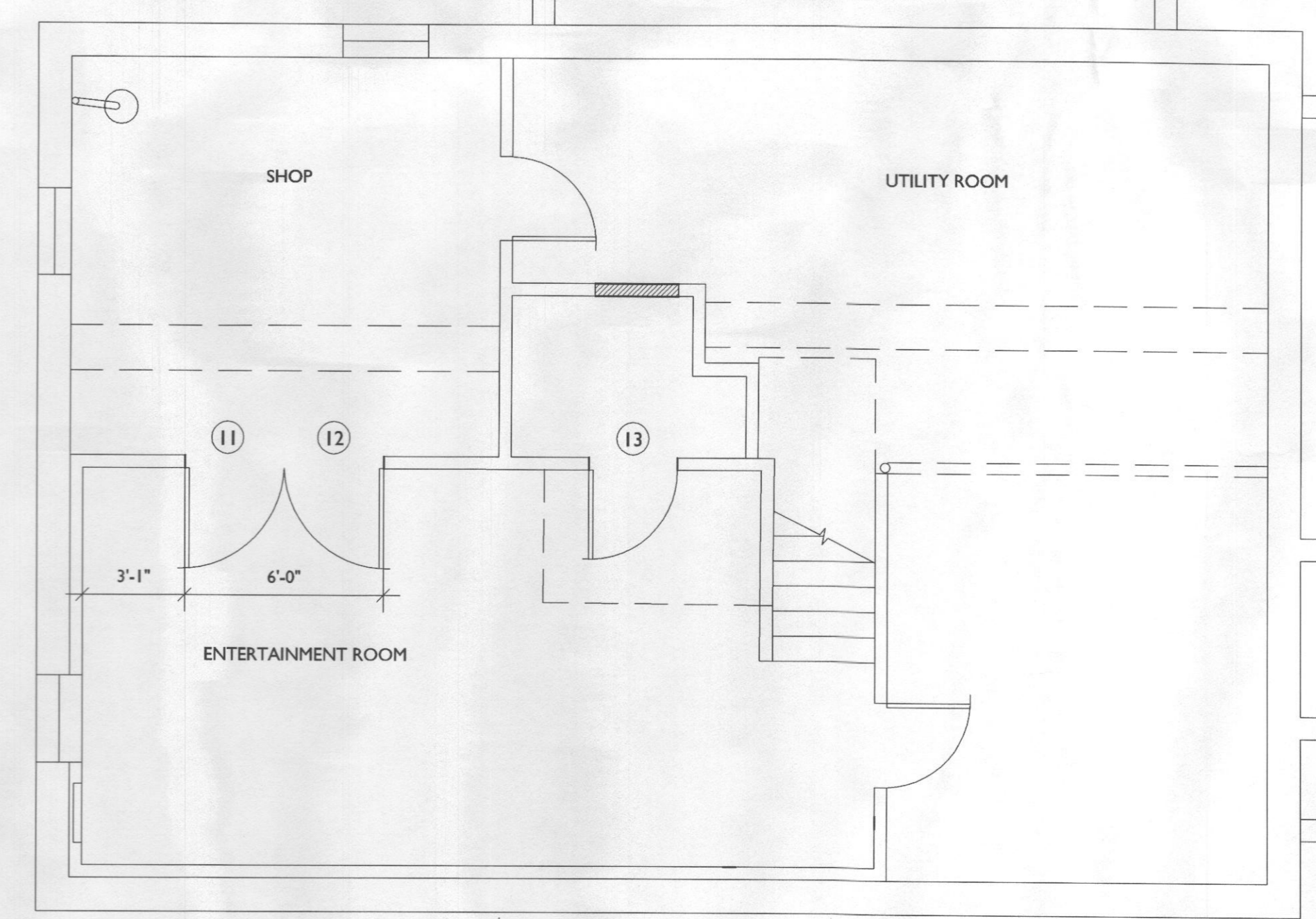


1 FIRST FLOOR PLAN
 A102 SCALE: 1/4"=1'-0"

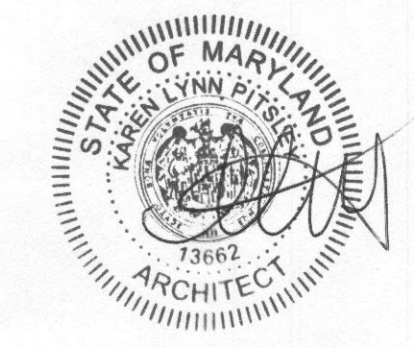
- LINE TYPE KEY:
- NEW WALL [Solid line]
 - EXIST. WALL [Dashed line]
 - ABOVE LINE [Line with dots above]
 - FDN. WALL [Line with dots below]
 - DEMO WALL [Dashed line with diagonal hatching]



2 SECOND FLOOR PLAN
 A102 SCALE: 1/4"=1'-0"



3 BASEMENT FLOOR PLAN
 A102 SCALE: 1/4"=1'-0"



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PROJECT TITLE
THE LEE RESIDENCE
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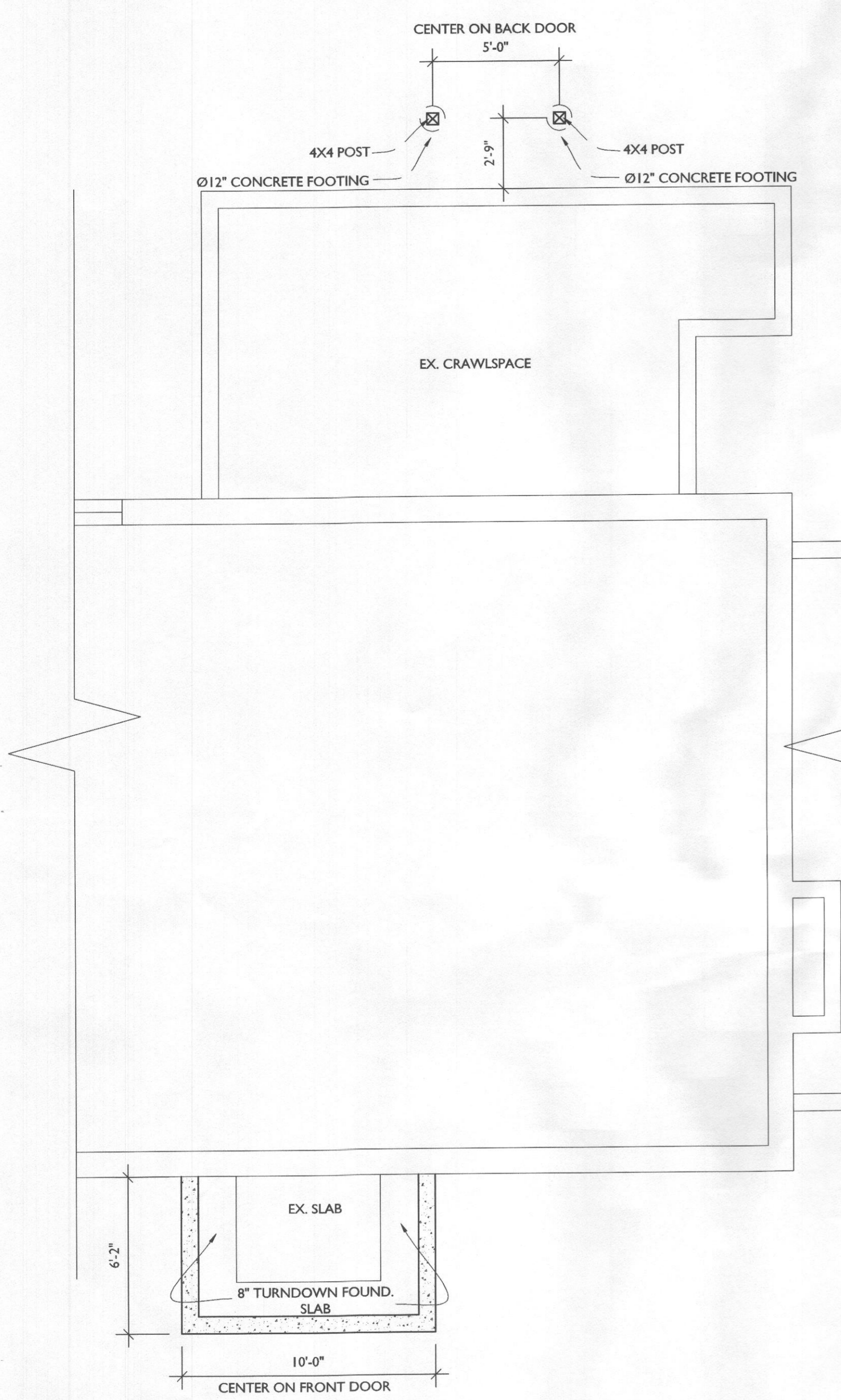
REVISIONS

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 17-328
 DATE 02/21/2018
 SCALE AS NOTED

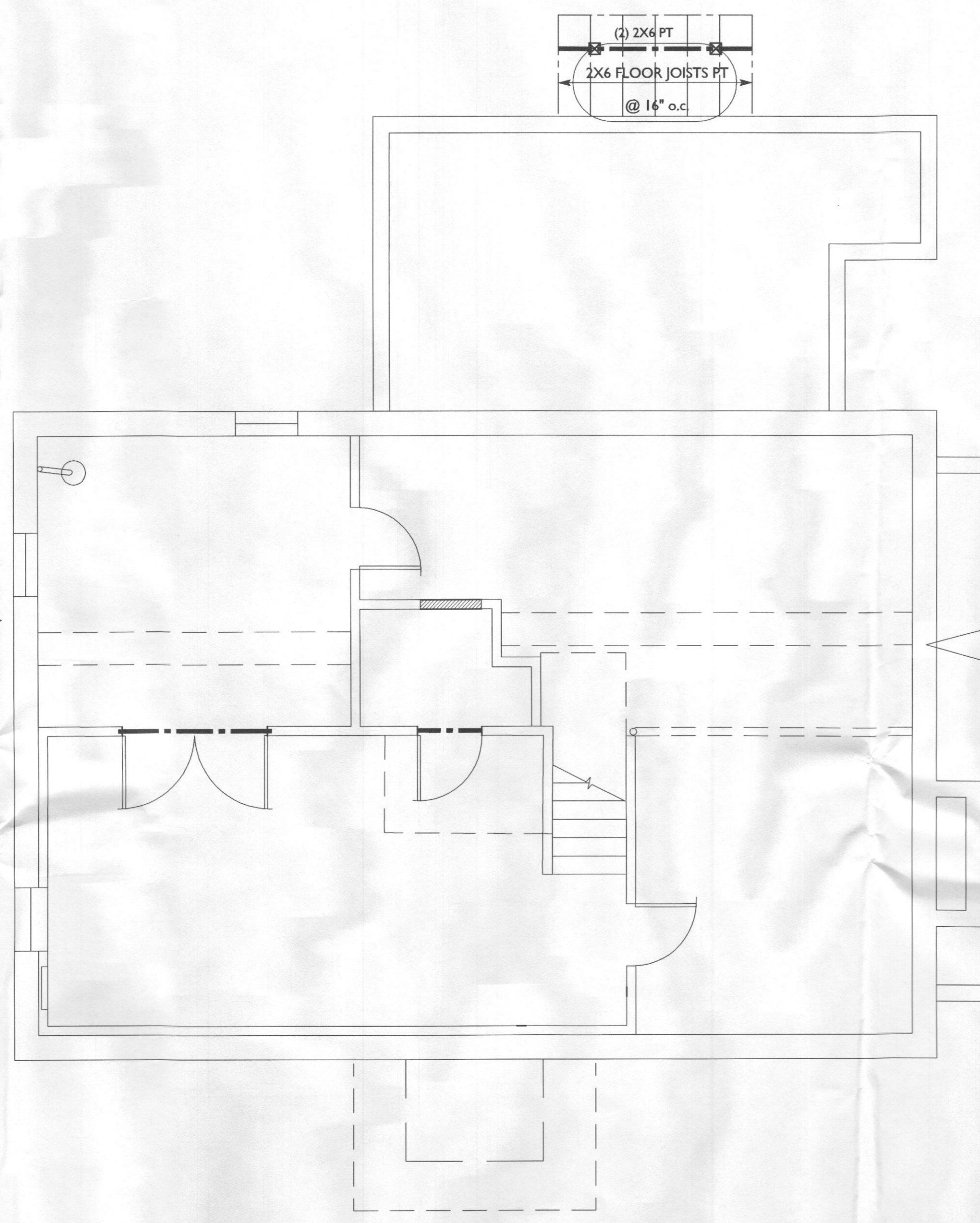
DRAWING TITLE
FOUND., 1ST FLR FRAM. + ROOF FRAM. ROOF PLAN

SHEET NUMBER
A-103

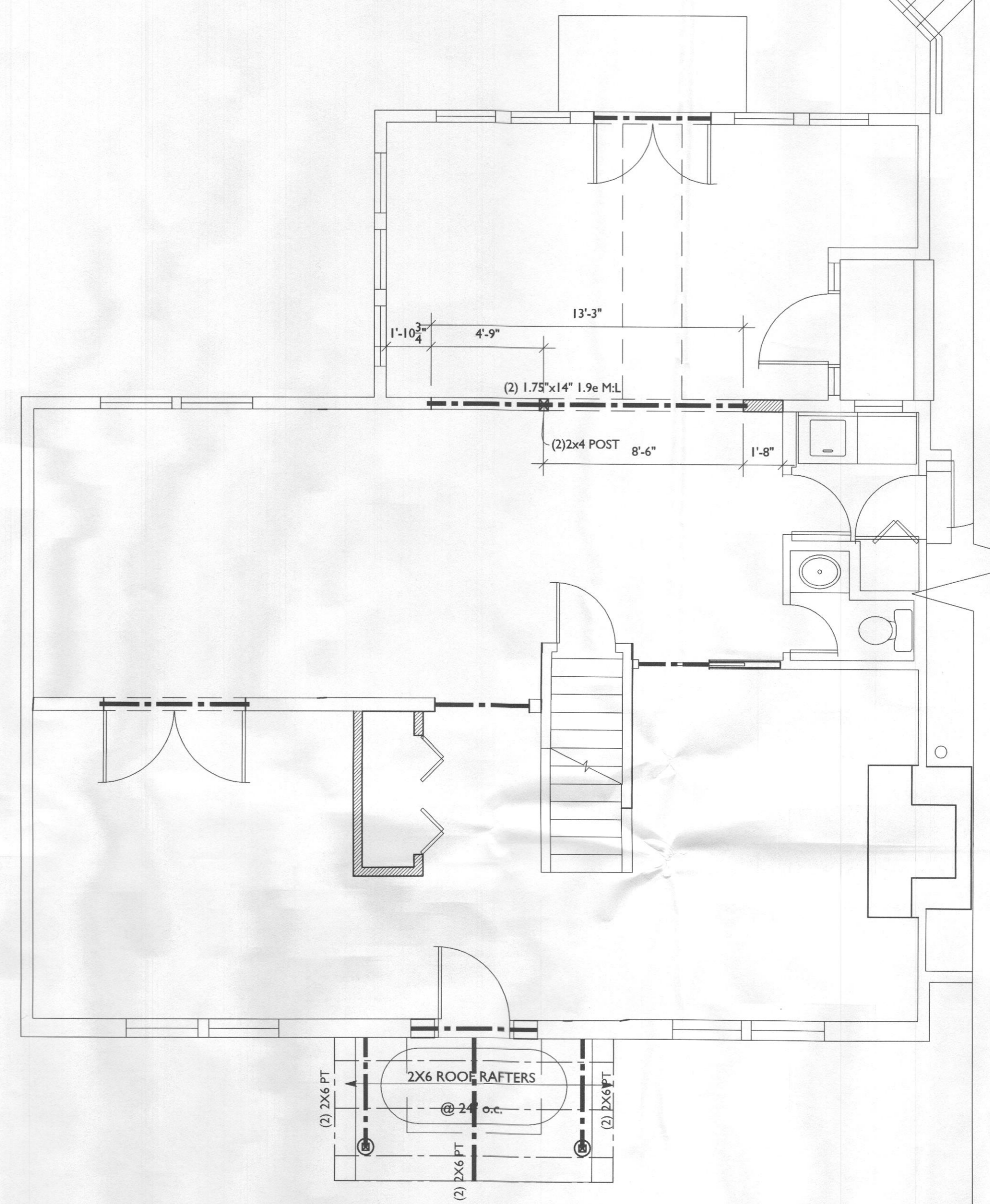


1 FOUNDATION PLAN
 A103 SCALE: 1/4"=1'-0"

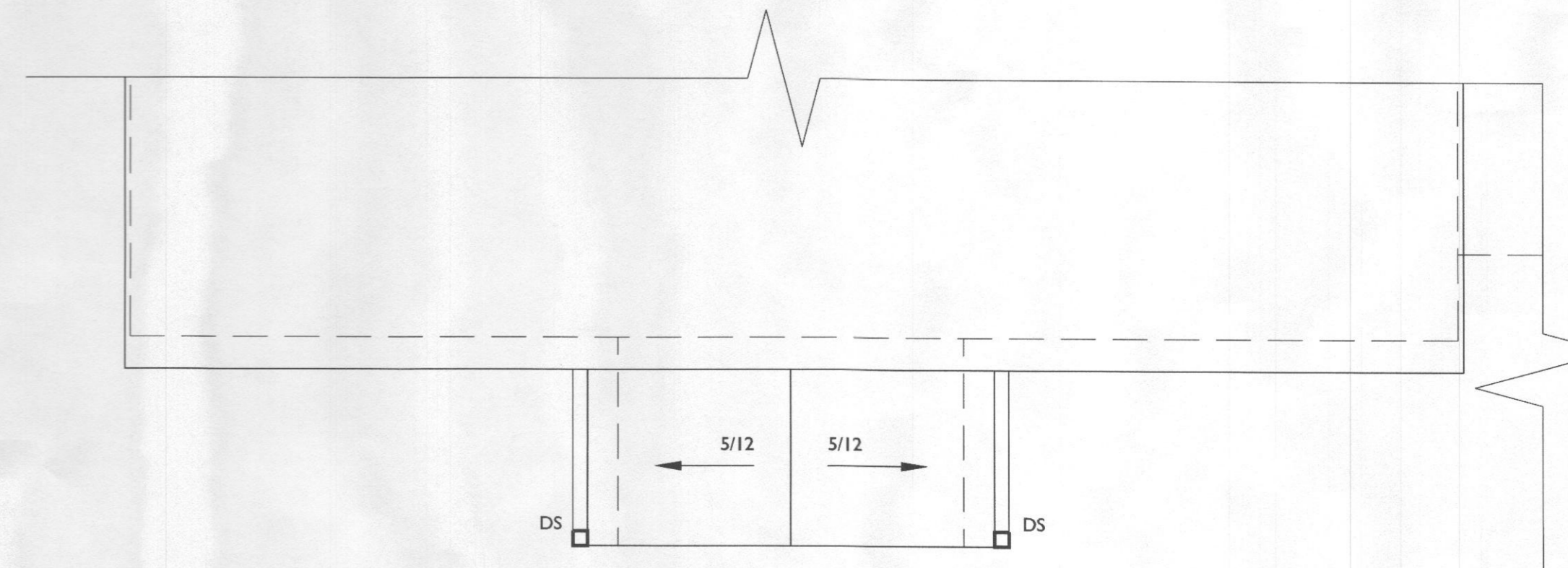
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- NEW WALL
 - EXIST. WALL
 - ABOVE LINE
 - FDN. WALL
 - DEMO WALL



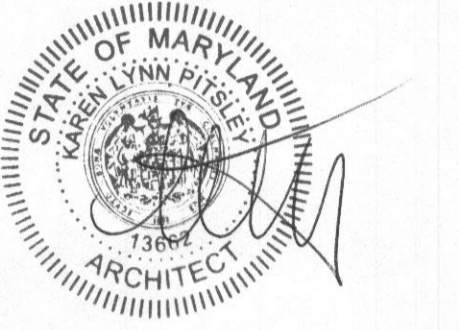
2 FIRST FLOOR FRAMING PLAN
 A103 SCALE: 1/4"=1'-0"



3 FIRST FLOOR ROOF FRAMING PLAN
 A103 SCALE: 1/4"=1'-0"



4 ROOF PLAN
 A103 SCALE: 1/4"=1'-0"



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PROJECT TITLE

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REVISIONS

SYMBOL	DATE	ISSUED FOR

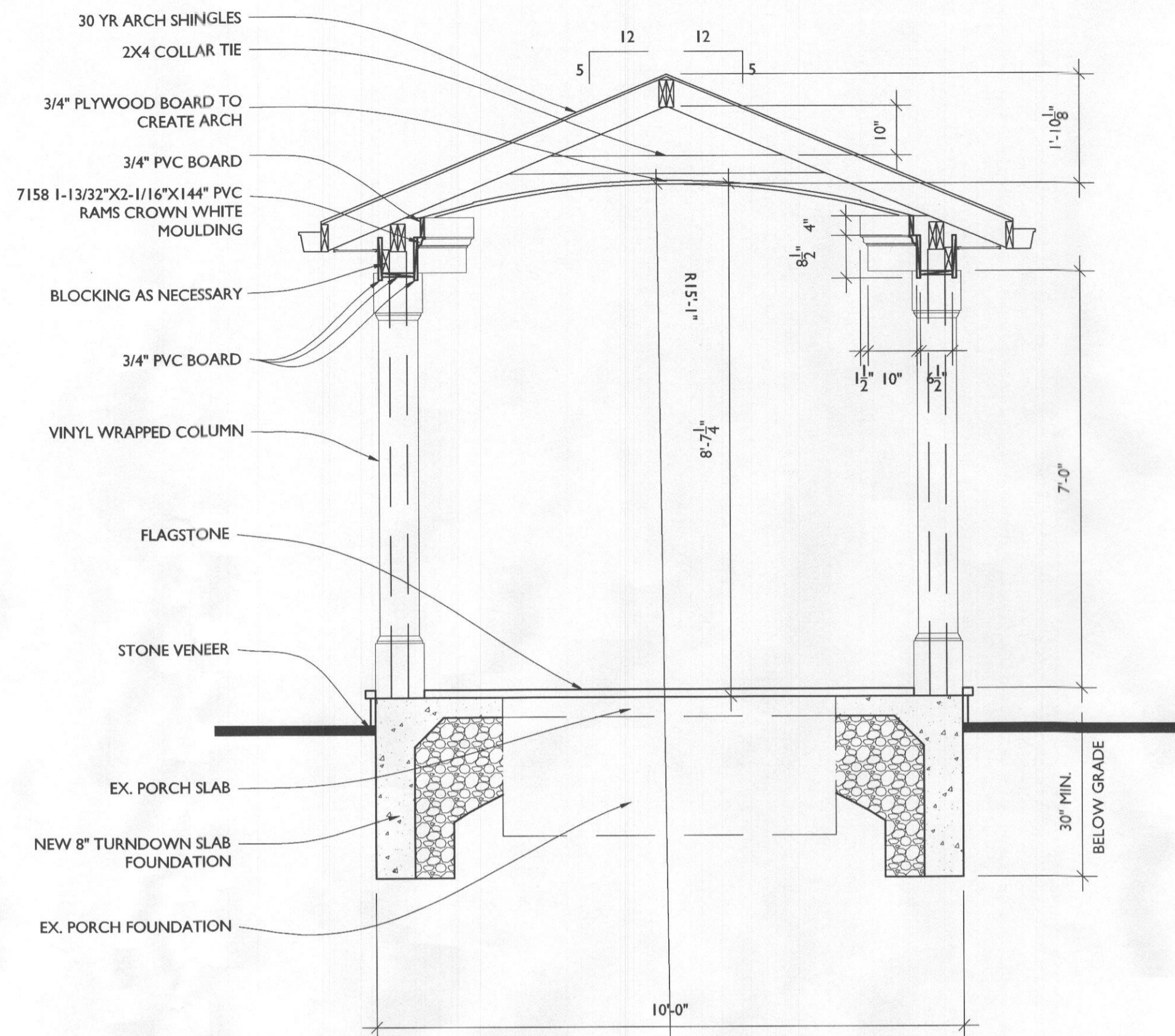
PROJECT NUMBER 17-328
 DATE 02/19/2018
 SCALE AS NOTED

DRAWING TITLE
EXTERIOR ELEVATIONS + SECTIONS

SHEET NUMBER
A-200



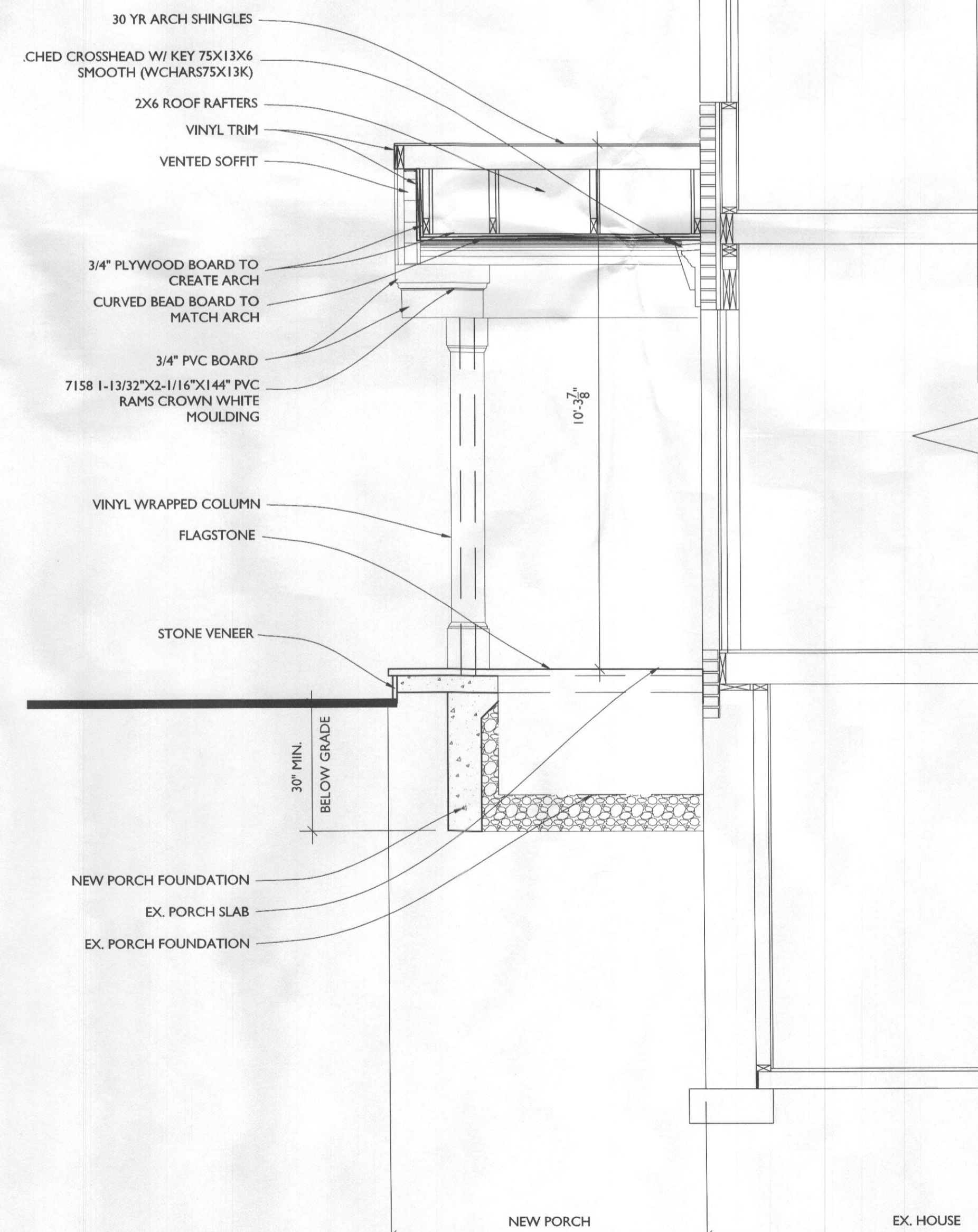
1 RIGHT ELEVATION
 SCALE: 1/4"=1'-0"



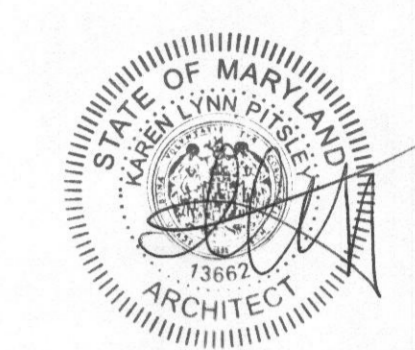
3 SECTION A
 SCALE: 1/2"=1'-0"



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



4 SECTION B
 SCALE: 1/2"=1'-0"



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PROJECT PHASE
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PROJECT TITLE
THE LEE RESIDENCE
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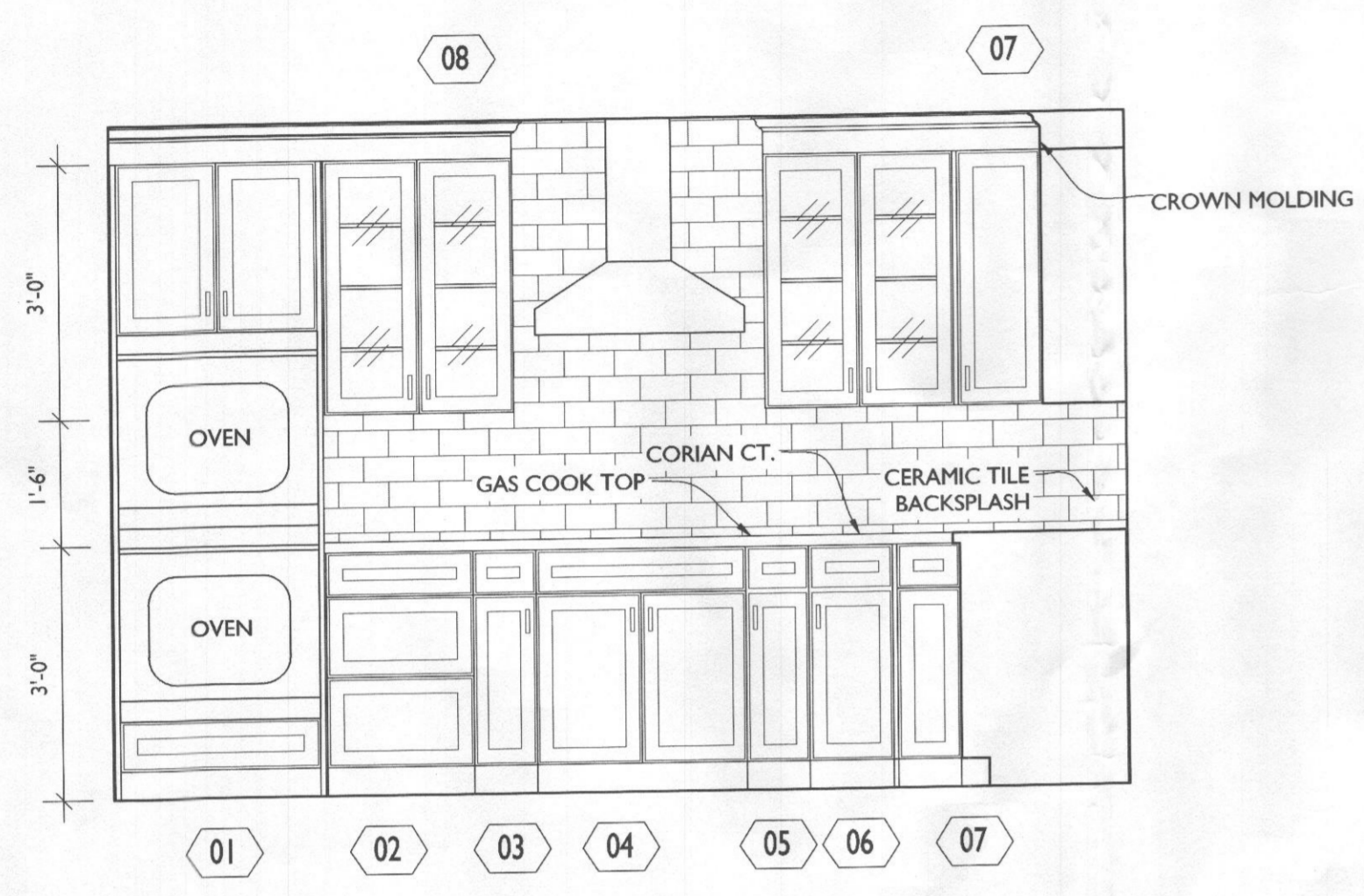
REVISIONS

SYMBOL	DATE	ISSUED FOR

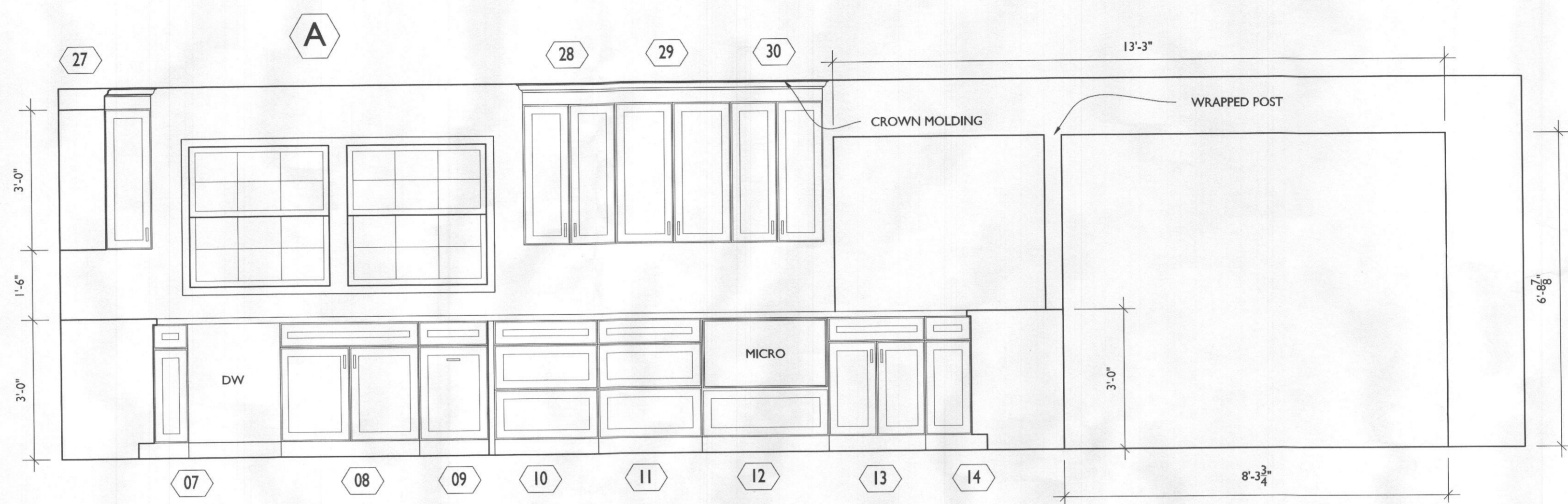
PROJECT NUMBER 17-328
 DATE 02/21/2018
 SCALE AS NOTED

DRAWING TITLE
INTERIOR ELEVATIONS

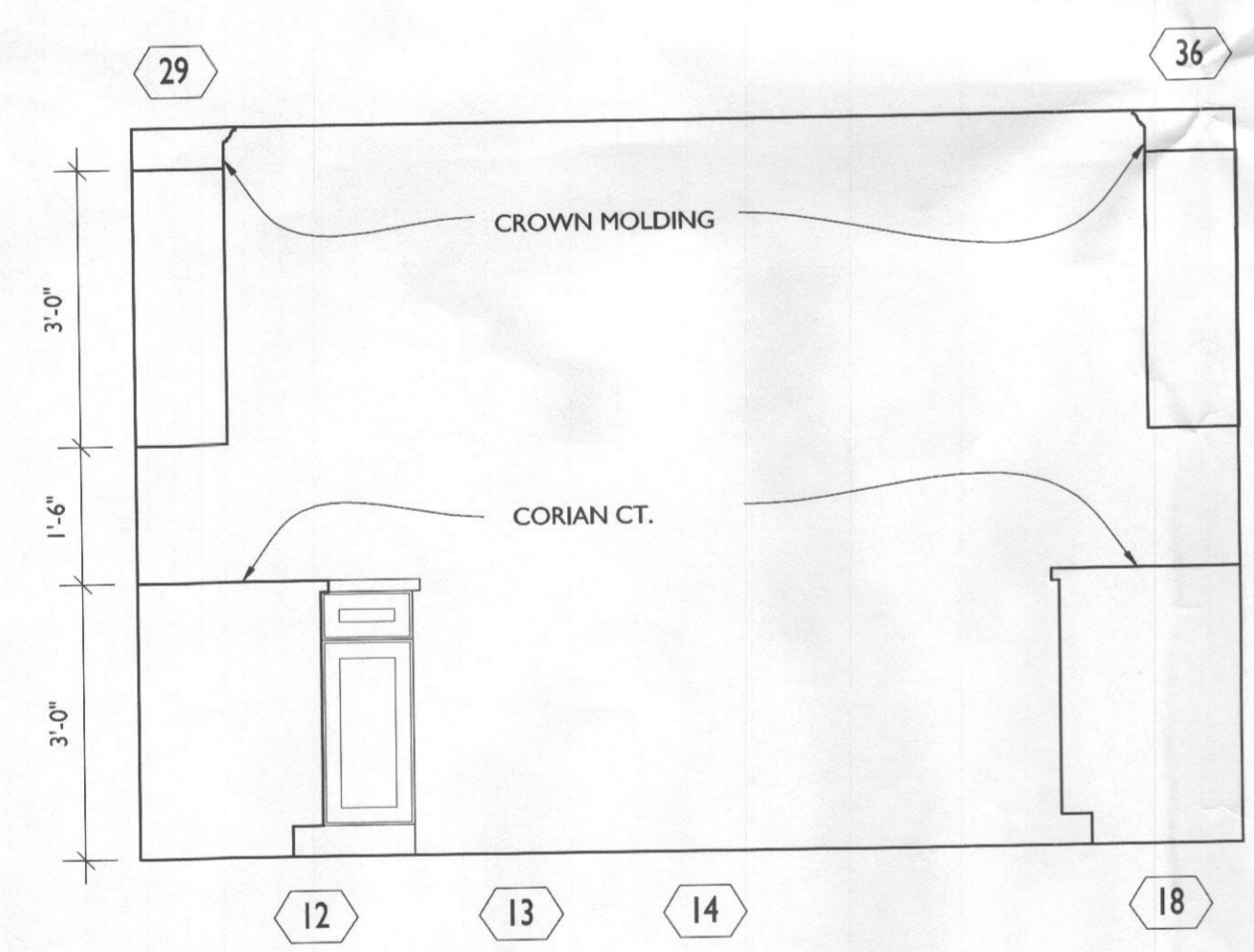
SHEET NUMBER
A-201



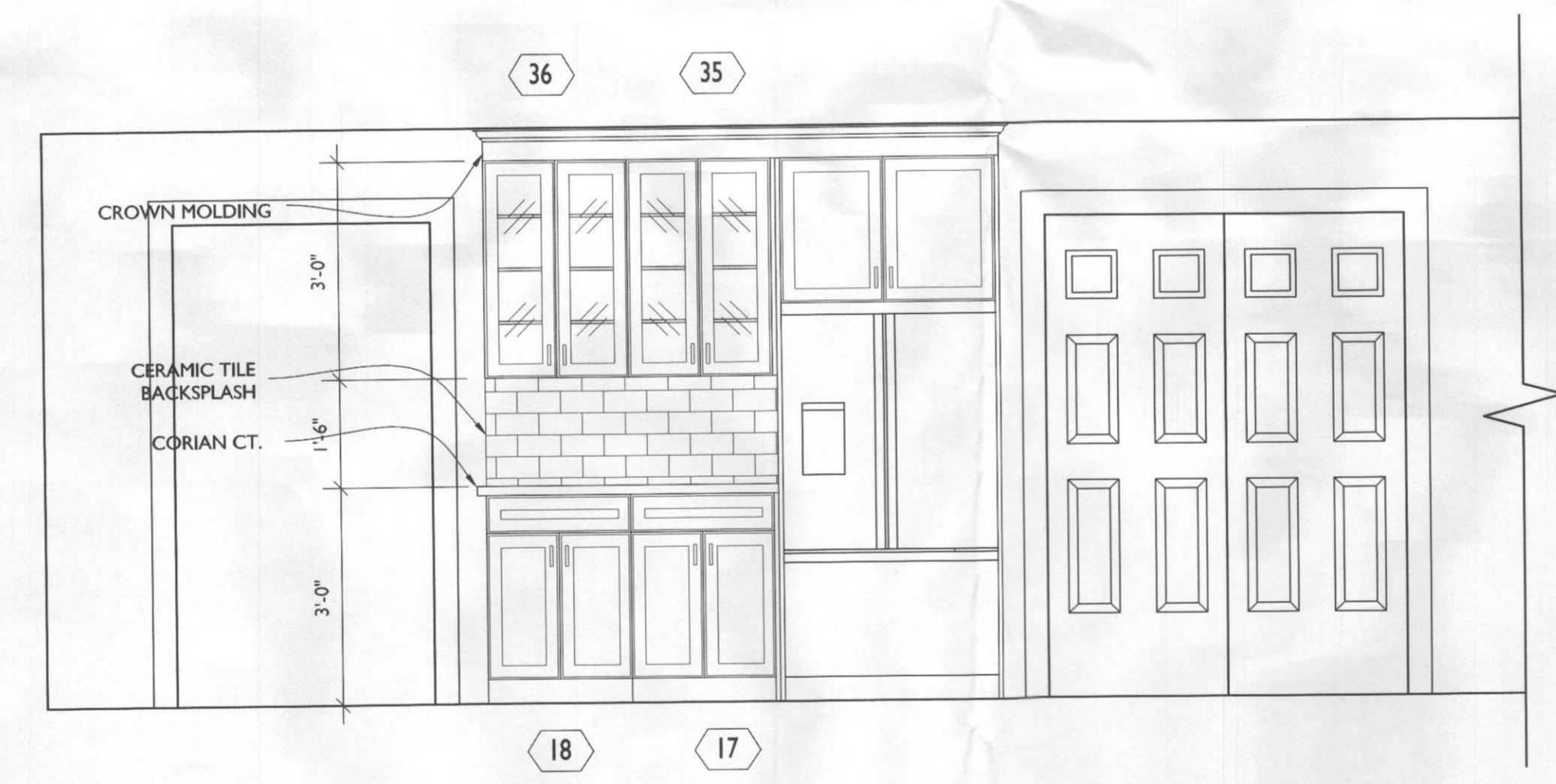
01 KITCHEN
 A201 SCALE: 1/2"=1'-0"



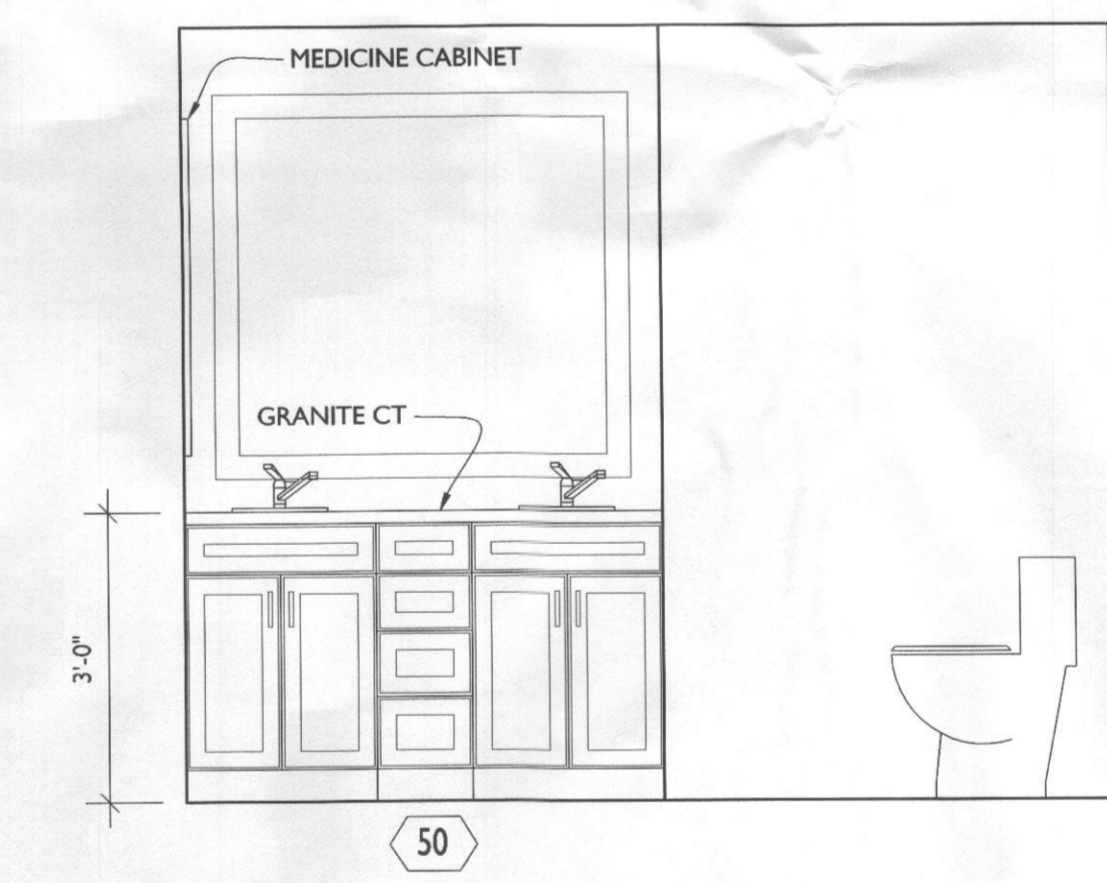
02 KITCHEN
 A201 SCALE: 1/2"=1'-0"



03 KITCHEN
 A201 SCALE: 1/2"=1'-0"



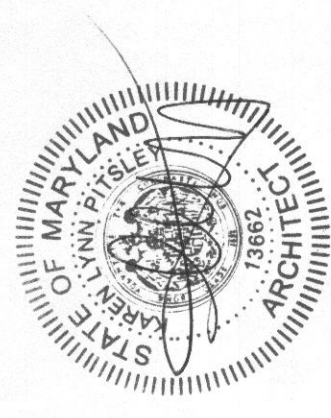
04 KITCHEN
 A201 SCALE: 1/2"=1'-0"



05 UPSTAIRS BATHROOM
 A201 SCALE: 1/2"=1'-0"



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PROJECT TITLE
THE LEE RESIDENCE

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REVISIONS	
SYMBOL	DATE ISSUED FOR

PROJECT NUMBER 17-328
 DATE 02/21/2018
 SCALE AS NOTED

DRAWING TITLE
ELECTRICAL PLANS

SHEET NUMBER
E-100

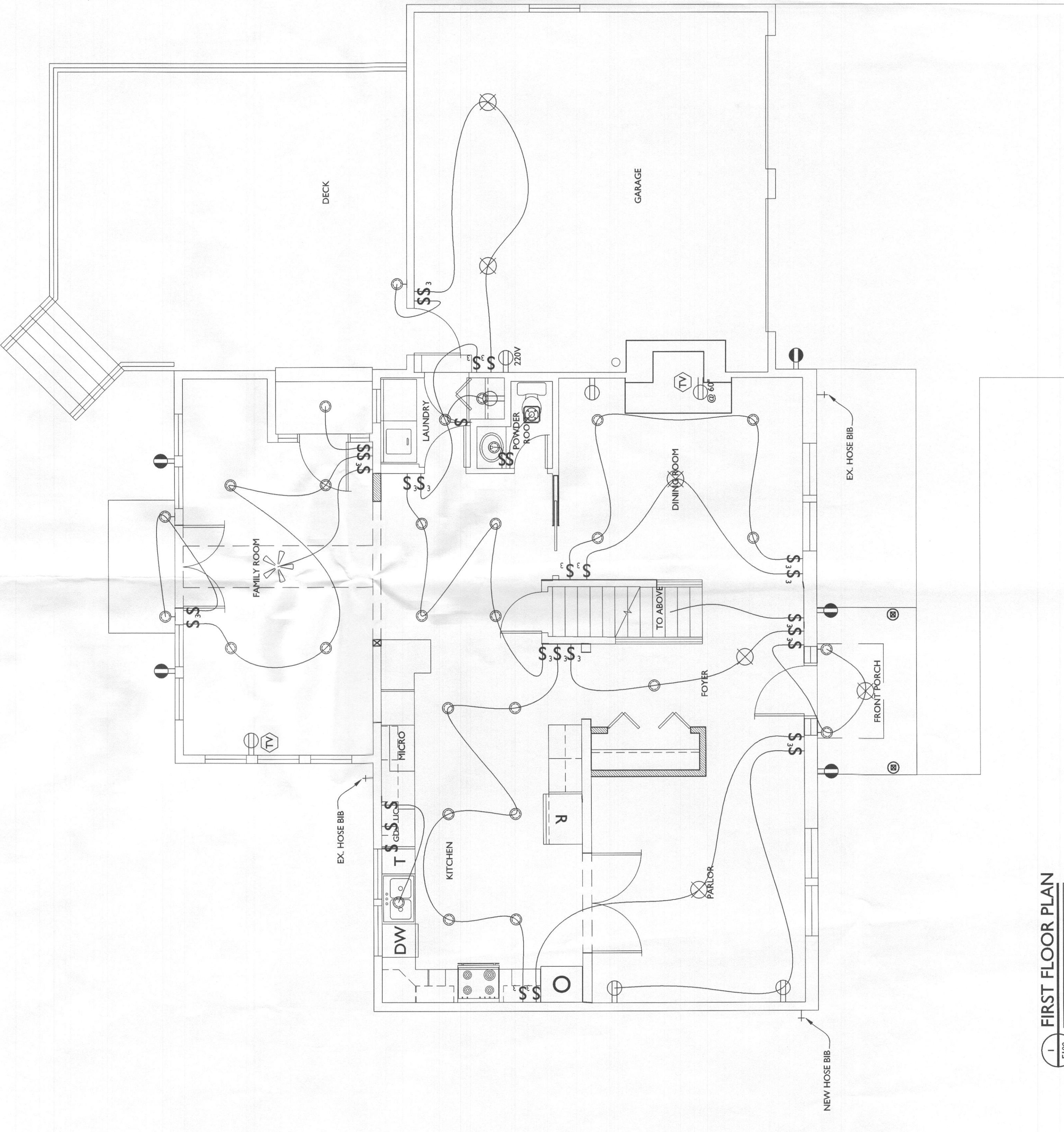
LINE TYPE KEY:

	NEW WALL
	EXIST. WALL
	ABOVE LINE
	FDN. WALL
	DEMO WALL

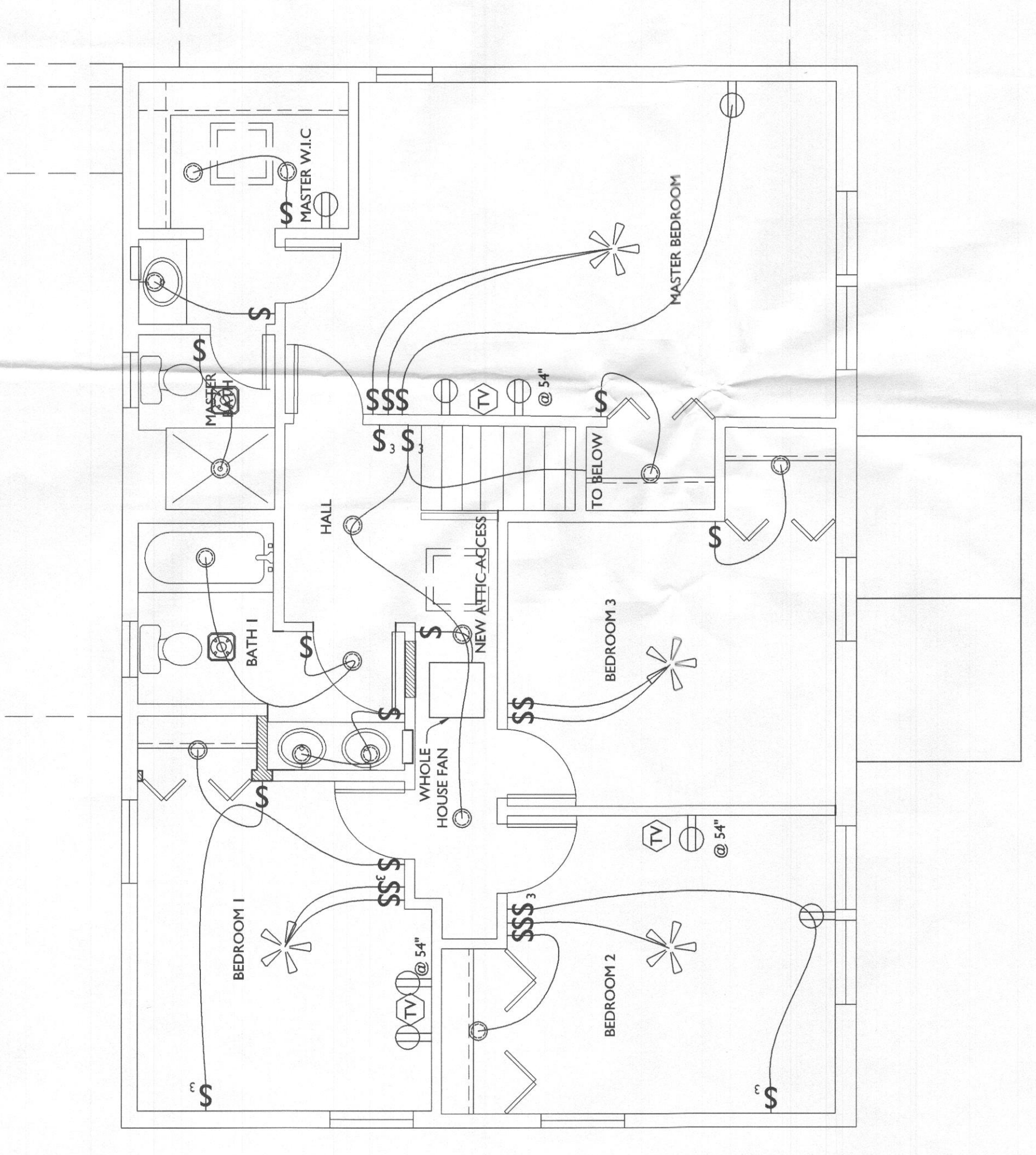
- ELECTRICAL NOTES:
- OUTLETS PER CODE UNLESS OTHERWISE NOTED @ 18", 42" H ABOVE COUNTERTOPS.
 - MOUNT LIGHT SWITCHES @ 42" H. MAX. ROCKER-TYPE SWITCHES PROVIDE DIMMERS FOR ALL RECESSED LIGHTS.
 - PROVIDE HARD-WIRED SMOKE DETECTORS PER CODE
 - QUIET FANS W/ LIGHT FIXTURES
 - PROVIDE UNDER-CABINET LIGHTING
 - MOTION SENSORED LIGHTS IN ALL CLOSETS U.N.O
 - ALL FIXTURES ON DIMMERS
 - GENERATOR PRIORITY:
 - WELL PUMP
 - REFRIGERATOR
 - EXHAUST FAN
 - LIGHTS IN KITCHEN
 - LIGHTS IN BEDROOM

ELECTRICAL LEGEND

	SWITCH
	OUTLET
	GFI OUTLET
	RECESSED LED CLG. LIGHT
	INCANDESCENT CLG. FIXTURE
	LED WALL MOUNT FIXTURE
	LED CLG. FIXTURE
	EXHAUST FAN WITH LIGHT
	CLG. FAN W/ LIGHT
	CABLE TV
	HARDWIRED SMOKE DETECTOR (W/INTERNAL BATTERY & CARBON MONOXIDE DETECTOR (COMBINED UNIT))



1 FIRST FLOOR PLAN
 E100 SCALE: 1/4"=1'-0"



2 SECOND FLOOR PLAN
 E100 SCALE: 1/4"=1'-0"