


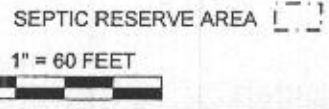


Approval B17004049
2/12/18 RJE

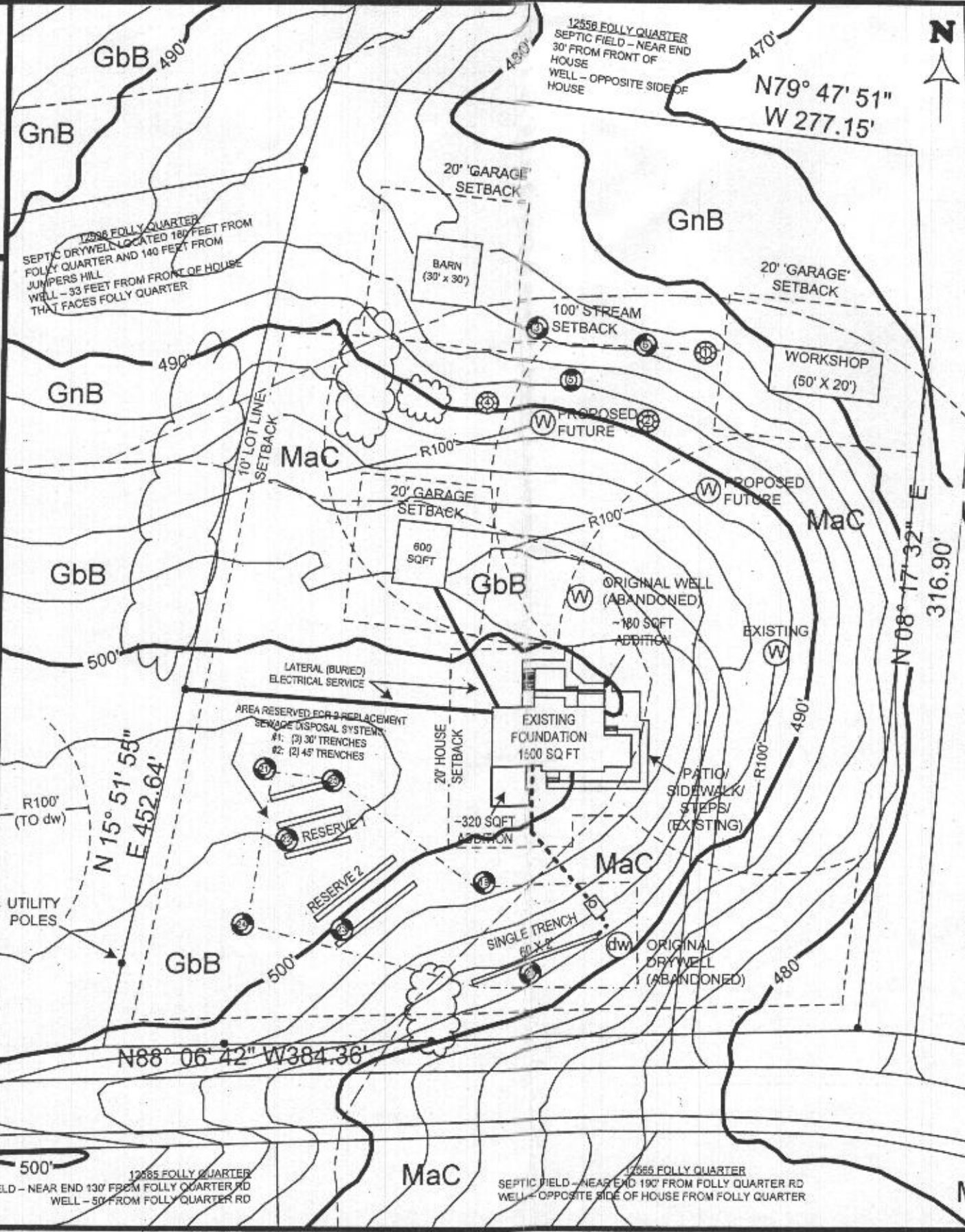
LEGEND

- PERCOLATION TEST HOLE - PASSED 
- PERCOLATION TEST HOLE - NOT TESTED 
- PERCOLATION TEST HOLE - FAILED 



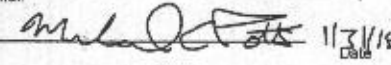
GENERAL NOTES

1. SUBJECT PROPERTY ZONED RR-DEO PER HOWARD COUNTY ZONING MAP FEBRUARY 2014.
2. TOTAL AREA OF PROPERTY 3.176 AC +/-
3. PRIVATE WATER AND PRIVATE SEWER WILL BE USED WITHIN THIS SITE
4. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. FOR LOTS CREATED PRIOR TO MARCH OF 1972 IT PROVIDES AT LEAST ENOUGH AREA TO ACCOMMODATE AN INITIAL AND TWO REPLACEMENT SEPTIC SYSTEMS AS REQUIRED BY THE HOWARD COUNTY HEALTH DEPARTMENT. IMPROVEMENTS OF ANY NATURE WITHIN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE AREA. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
5. BOUNDARY SHOWN HEREON IS BASED ON HOWARD COUNTY TAX MAP INFORMATION.
6. THE TOPOGRAPHY OF THIS PLAT IS TAKEN FROM HOWARD COUNTY AERIAL PHOTOGRAPHY FLOWN IN 2011 AND IS VERIFIED TO ACCURATELY REPRESENT THE RELATIVE CHANGES ON THE SUBJECT PROPERTY.
7. PROPERTY ADDRESS: 12562 FOLLY QUARTER RD
8. DEED REFERENCE: LIBER12254, PAGE 065, PLAT 5713
9. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN.
10. ALL WELLS AND SEPTIC SYSTEMS LOCATED WITHIN 100' OF THE PROPERTY BOUNDARIES AND 200' DOWN GRADIENT OF ANY WELLS AND/OR SEPTIC SYSTEMS HAVE BEEN SHOWN.
11. THE PURPOSE OF THIS PLAN IS TO ESTABLISH A WELL AND SEPTIC EASEMENT FOR A HOME HAVING 3 BEDROOMS INCLUDING PROPOSED ADDITIONS SHOWN.




PERCOLATION CERTIFICATION PLAN

I certify that the information shown herein is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.

Michael E. Potts  1/31/18
Engineer

Approved For Private Water and Private Sewerage Systems

William R. Mauro  2/9/2018
Health Officer, Howard County Health Dept. RJE Date




PERC CERT CALCULATIONS


		Number of Bedrooms: 3		Design Flow (150 gallons per day per bedroom): 450		2'		3'	
Application rate (gal/day/sq ft)	Square footage of drainfield required (Design flow / application rate)	Effective area beginning depth (ft)	Bottom max. depth (ft)	Sidewall reduction credit	Required trench length w/sidewall credit	2'	3'	2'	3'
Initial System	1.2	375	4.0	8.0	36%	42%	68	52	
1st Replacement Between Holes 21, 25 & 22	0.8	563	4.5	8.0	40%	45%	113	85	
2nd Replacement Between Holes 22, 24 & 23	0.8	563	4.5	8.0	40%	45%	113	85	

Sidewall reduction credit = $(W - 2) / (W + 1 + 2D) \times 100$, where W is trench width and D is Bottom max depth less Beginning depth

12562 FOLLY QUARTER ROAD
MAP: 0022 GRID: 0017 PARCEL: 0110
OWNERS: MICHAEL & DANA POTTS
TEL: 410-279-6855

LEGEND

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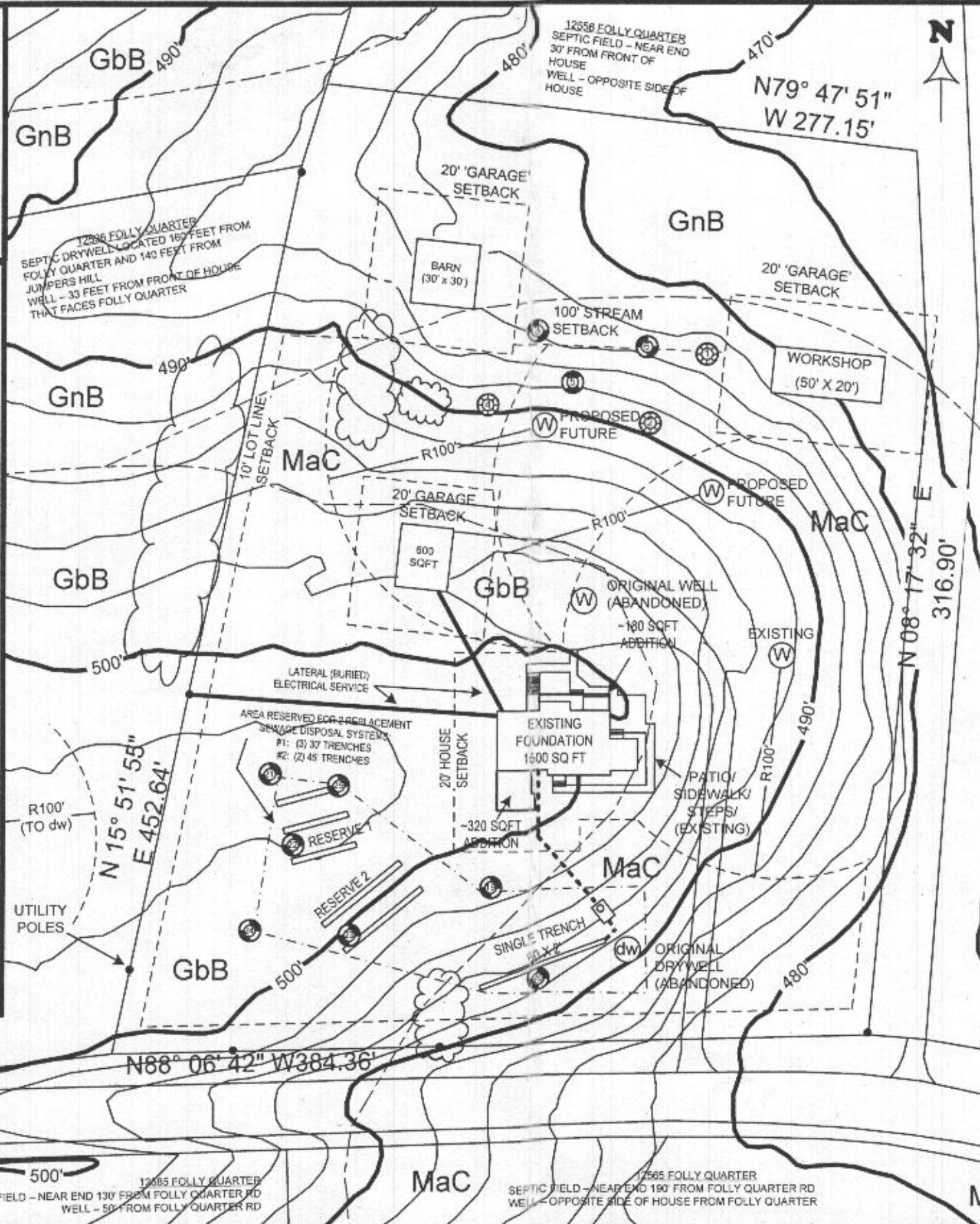
SEPTIC RESERVE AREA 

1" = 60 FEET



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PERCOLATION CERTIFICATION PLAN

12540 FOLLY QUARTER SEPTIC FIELD - NEAR END 80' FROM FRONT OF HOUSE WELL - OPPOSITE SIDE OF HOUSE

I certify that the information shown herein is based on field work performed by me or under my direct supervision, and is correct, to the best of my knowledge and belief.
 Michael E. Potts *Michael E. Potts* 11/3/18
 Engineer

Approved For Private Water and Private Sewerage Systems
 Wilson for Maria Rosman 2/19/2018
 Health Officer, Howard County Health Dept. R/E Date

PERC CERT CALCULATIONS

	Application rate (gal/day/sq ft)	Square footage of drainfield required (Design flow / application rate)	Effective area beginning depth (ft)	Bottom max. depth (ft)	Sidewall reduction credit		Required trench length w/sidewall credit	
					2'	3'	2'	3'
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12562 FOLLY QUARTER ROAD
 MAP: 0022 GRID: 0017 PARCEL: 0110
 OWNERS: MICHAEL & DANA POTTS
 TEL: 410-279-6855

SCOPE OF WORK

ADD 289 sqft GUEST BEDROOM ADDITION AND 187 SQFT DINING AND MUDROOM ADDITION TO REAR OF EXISTING HOME. ADD 310 sqft MASTER BEDROOM AND 579 sqft FRONT PORCH TO THE FRONT OF THE EXISTING HOUSE. ADD 415 sqft PATIO TO THE RIGHT OF THE EXISTING HOUSE. RENOVATE FIRST FLOOR INCLUDING THE KITCHEN, DINING ROOM AND BATHROOM.

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. PROVIDE NOMINAL 2X FIRE BLOCKING AT EVERY FLOOR INTERVAL, BULKHEAD AND CHASE. IF OPEN WEB FLOOR TRUSSES ARE UTILIZED, PROVIDE 1/2" B DRAFTSTOPPING, NOT TO EXCEED 1,000 SF.
 9. PROVIDE A MINIMUM 6"-8" HEAD CLEARANCE FOR ALL STAIRS. STAIR RISERS SHALL NOT EXCEED 7-1/2" AND TREADS SHALL BE AT LEAST 10-1/2".
 10. PROVIDE SOFT VENTS, RIDGE VENTS, OR GABLE END VENTS AS SHOWN ON THE DRAWINGS. MAINTAIN MINIMUM 1/300 FREE VENTILATION FOR HORIZONTALLY PROJECTED ROOF AREA. INSTALL PLASTIC OR CARDBOARD Baffles IN EACH TRUSS AFTER 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, CEILINGS, 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 TERMITTE 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 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: 10 PSF IMPORT FACTOR: 1
 FLOOR LIVE LOAD (F.L.): 40 PSF EXP. FACTOR: 1.5
 FLOOR LIVE LOAD (S.F.): 30 PSF SEISMIC DESIGN CAT.: B
 ATTIC LIVE LOAD (ATTIC): 20 PSF WEATHERING: SEVERE
 GARAGE LIVE LOAD: 30 PSF
 GUARD RAILS: 200 LBS. FORCE IN ANY DIRECTION
 CONCRETE BEARING: ASSUMED 2,000 PSF FROST LINE DEPTH - 12"
 TERMITTE: VERY HEAVY DECAY: VERY HEAVY
 RADON RESISTANT CONSTRUCTION REQ'D: YES

CONCRETE
 1. CONCRETE FOR THIS PROJECT SHALL BE NORMAL WEIGHT (145 PCF) AND CONCRETE WORK SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) STANDARD 318-09.
 2. CONCRETE SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI.
 3. ALL REINFORCING BAR SHALL BE GRADE 60 (FY-40,000 PSI)
 4. ALL INTERIOR CONCRETE SLABS SHALL BE 4" THICK AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI WITH 6x6 - W1.4 x W1.4 W/WF AND BE POURED OVER A SIX (6) MIL POLY VAPOR BARRIER 4 OVER 4" POROUS 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 FLOOR WORK ABUTS AN EXISTING CONCRETE SLAB PROVIDE A 1/2" ASPHALT IMPREGNATED FIBER BOARD EXPANSION JOINT.
 8. ALL REINFORCING SHALL CONFORM TO "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT" (ASTM 1 615-02). 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 SPLICES, 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 SLAB GRADE TO A DEPTH OF 4" AND RECOMPACT TO A MINIMUM DENSITY OF 92% AND A MAXIMUM OF 98% OF STANDARD PROCTOR DENSITY (ASTM-D-998) 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 FIB SPEC HH-1-542B. DENSITY 2.1 LBS PER CU. FT. "R" VALUE PER 1" THICKNESS - 5.41

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

SHEET INDEX

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E-100	ELECTRICAL FLOOR PLAN

STRUCTURAL STEEL NOTES

1. MATERIALS
 STRUCTURAL STEEL AND PLATE ASTM A36
 UNFINISHED BOLTS ASTM A307
 HIGH-STRENGTH BOLTS ASTM A325
 WELDING ELECTRODES ASTM 1233, CLASS E70
 2. BEAM TO BEAM AND COLUMN CONNECTIONS SHALL BE AS 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. 2x 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 28 DAYS OLD BEFORE INSTALLATION. MINIMUM NET COMPRESSIVE STRENGTH OF BLOCK TO BE 2000 PSI.
 3. CARE AND PROPER MEASURES SHALL BE EMPLOYED TO PREVENT ANY SUPER IMPROSED LOADS (I.E. WIND LOADS, SHOVING OR OTHER LATERAL FORCES) FROM BUILDING OR DISTORTING FINISHED MASONRY WALLS BY WAY OF SHORING, 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 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 SPACING 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 2X11 HEADLINTELS AT ALL OPENINGS IN BEARING OR EXTERIOR WALLS. SHEATHING TO BE 1/2" CDX PLYWOOD 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 9' 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 OPENING 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

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 CALKED, 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. RIM JOIST JUNCTION.
 12. OTHER SOURCES OF INFILTRATION.

ROOM FINISH SCHEDULE													
ROOM NAME	FLOOR		WALLS		CEILING		REMARKS						
	HARDWOOD FLOOR	CERAMIC TILE	P.T. LUMBER	STONESLATE	EXISTING TO REMAIN	UNFINISHED	PAINTED GYP. BD.	WAINSCOTING	EXISTING TO REMAIN	UNFINISHED	PAINTED GYP. BD.	BEAD BOARD	UNFINISHED
FRONT PORCH	X	X											
FAMILY ROOM	X												ACOUSTIC CEILING
OFFICE				X									ACOUSTIC CEILING
MUDROOM	X												NEW WALLS ONLY
KITCHEN	X												NEW WALLS ONLY
DINING	X												NEW WALLS ONLY
COVERED PATIO			X										
BATH - HALLWAY	X												
BEDROOM	X												
GUEST ROOM	X												
GUEST BATH	X												
MASTER BEDROOM	X												ACOUSTIC
MASTER BATH	X												
MASTER CLOSET	X												

CABINET SCHEDULE				
NO.	DESIGNATION	W-D-H	TYPE	REMARKS
01	BPPS	27-24-34.5	BASE	VANITY SINK BASE
02	BPPS	34-24-34.5	BASE	BASE THREE DRAWER
05	B42-4T	42-24-34.5	BASE	BASE POT AND PAN STORAGE
06	W	42-12-42	WALL	BASE SINGLE DOOR
07	RTC	36-24-96	TALL	SINK BASE
08	BWB2-2	18-24-34.5	BASE	BASE DOUBLE WASTEBASKET TOP MOUNT
09	W	12-12-42	WALL	BASE THREE DRAWER
10	SB	36-24-34.5	BASE	BASE DOUBLE DOOR
15	W	24-12-42	WALL	WALL DOUBLE DOOR
16	B	9-12-42	WALL	WALL SINGLE DOOR
17	QC30-D	30-24-96	TALL	WALL DOUBLE DOOR W/ GLASS
20	YCD	60-21-33.5	BASE	VANITY COMBINATION DRAWER
21	YCD	60-21-33.5	BASE	VANITY COMBINATION DRAWER
22	YBD	15-21-33.5	BASE	VANITY BASE DRAWER
23	YLC	36-18-83	TALL	VANITY LINEN CABINET
24	YLC	36-18-83	TALL	VANITY LINEN CABINET
25	YBD	12-21-33.5	BASE	VANITY BASE DRAWER
26	YSB60-3D	60-21-33.5	BASE	VANITY SINK BASE THREE DRAWER

DOOR SCHEDULE				
NO.	DOOR		SADDLE LABEL	REMARKS
	SIZE	INT/EXT		
01	3/0x6/8	EXT	YES	SINGLE 15 LITE DOOR
02	2/8x6/8	INT	NO	POCKET DOOR
03	2/6x6/8	INT	NO	SINGLE DOOR
04	(2)3/0x6/8	INT	NO	DOUBLE BIFOLD DOOR
10	3/0x6/8	INT	NO	SINGLE PICKET DOOR- FROSTED
15	(2)2/3x6/8	INT	NO	DOUBLE DOOR
16	3/0x6/8	EXT	YES	SINGLE 15 LITE DOOR W/ SIDELITES
17	2/8x6/8	INT	NO	SINGLE DOOR

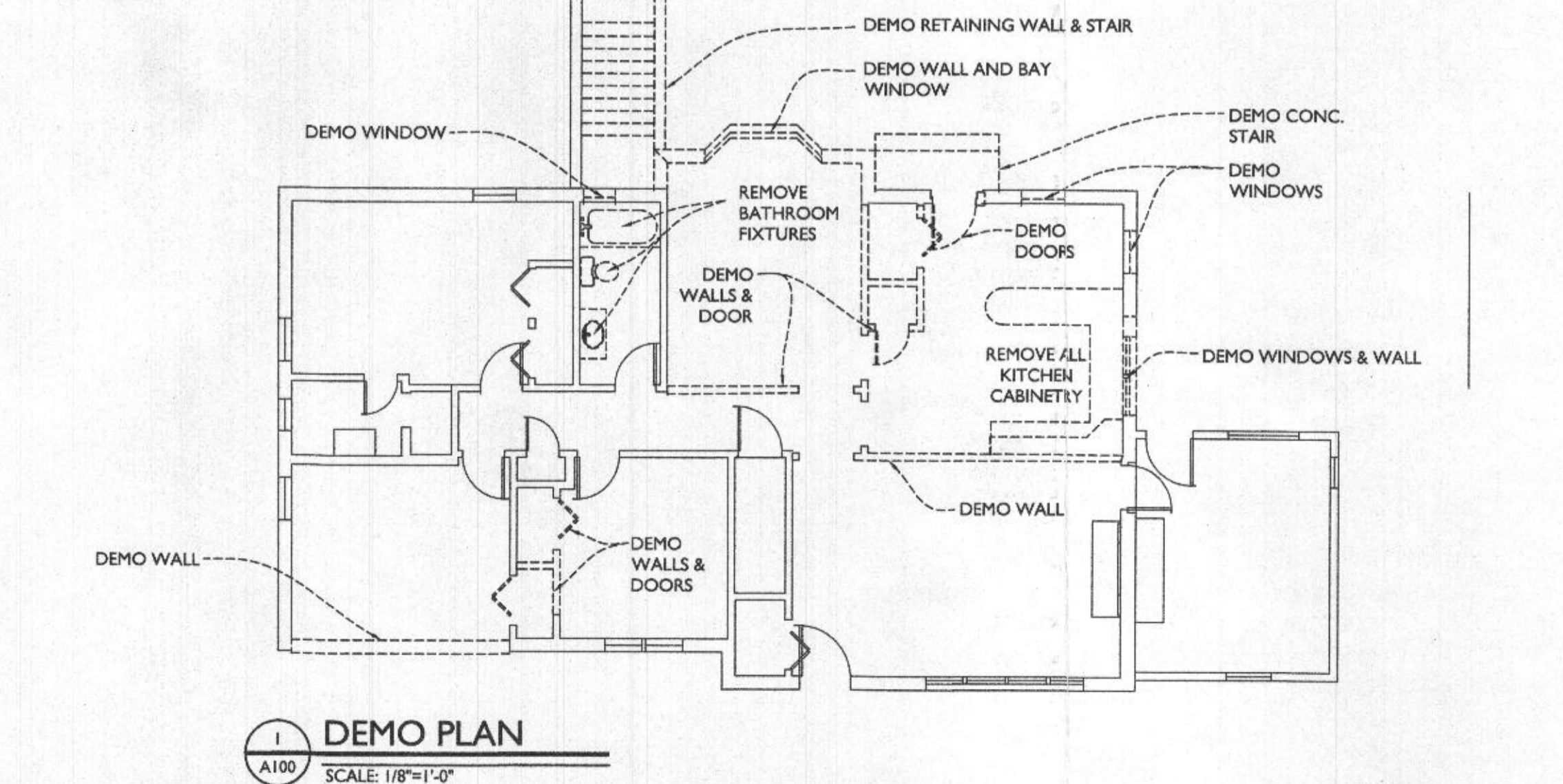
HEADER SCHEDULE (U.N.O.)	
OPENING SIZE	HEADER SIZE
OPENINGS UP TO 3'	(2) 2x10
OPENINGS GREATER THAN 3' UP TO 6'	(2) 1.75 x 9.50 1.9E MICROLAM
OPENINGS GREATER THAN 6' UP TO 8'	(2) 1.75 x 11.875 1.9E MICROLAM

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	SOIL CLASSES	SOIL CLASSES
9	5	GW,GC,SW & SP SOILS	GM, GC, SM, & ML SOILS	SC, MH, ML-CL & INORG. CL SOILS
		#4 @ 56" O.C.	#4 @ 56" O.C.	#4 @ 48" O.C.
		#4 @ 56" O.C.	#4 @ 40" O.C.	#4 @ 32" O.C.
		#4 @ 56" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
		#4 @ 32" O.C.	#6 @ 48" O.C.	#4 @ 16" O.C.
9	5	MIN. VERT. REINFORCEMENT SIZE & SPACING FOR 8" NOMINAL WALL THICKNESS		
		#4 @ 48" O.C.	#4 @ 48" O.C.	#5 @ 48" O.C.
		#4 @ 48" O.C.	#5 @ 48" O.C.	#6 @ 48" O.C.
		#5 @ 48" O.C.	#6 @ 48" O.C.	#6 @ 32" O.C.
		#5 @ 40" O.C.	#6 @ 32" O.C.	#6 @ 24" O.C.
10	5	MIN. VERT. REINFORCEMENT SIZE & SPACING FOR 12" NOMINAL WALL THICKNESS		
		#4 @ 72" O.C.	#5 @ 72" O.C.	#6 @ 72" O.C.
		#5 @ 72" O.C.	#6 @ 72" O.C.	#6 @ 64" O.C.
		#5 @ 72" O.C.	#7 @ 72" O.C.	#6 @ 48" O.C.
		#6 @ 72" O.C.	#6 @ 48" O.C.	#6 @ 40" O.C.

STEEL LINTEL SCHEDULE (U.N.O.)			
STEEL ANGLE SIZE	# STORIES ABOVE		# OF 1/2" REBARS
	NONE	ONE	
3 x 3 x 1/4	6'-0"	3'-6"	3'-0"
4 x 3 x 1/4	8'-0"	5'-0"	3'-0"
6 x 3-1/2 x 1/4	14'-0"	8'-0"	3'-6"
2 - 6 x 3-1/2 x 1/4	20'-0"	11'-0"	11'-0"

WINDOW SCHEDULE				
TYPE	MAT.	SIZE	OPERATION	REMARKS
				COTTAGE SASH U.N.O.
A	VINYL	(3)3/0x5/0	DOUBLE HUNG	
B	VINYL	(3)2/0x2/0	FIXED	
E	VINYL	1/9x5/0	DOUBLE HUNG	
F	VINYL	3/0x5/0	FIXED	W/ OUT GRILLES
G	VINYL	2/0x4/6	DOUBLE HUNG	
H	VINYL	3/0x3/0	DOUBLE HUNG	
J	VINYL			REPLACE EXISTING

MIN. DUAL PANE, LOW-E & ARGON GAS FILLED. MAX. U = .31 TRIM TO BE WHITE



DEMO PLAN
 SCALE: 1/8"=1'-0"

Approved 2/12/18
HEALTH DEPT
 B17004049
 RAE

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ARCHITECT
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 KAREN LYNN PITSELY
 STATE OF MARYLAND
 STAMP

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 13662, EXPIRATION 10-22-2017.

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PROJECT PHASE
PERMIT

PROJECT TITLE
THE POTTS RESIDENCE

12562 FOLLY QUARTER ROAD, ELLICOTT CITY, MD 21042

REVISIONS

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 16-277
 DATE 10/04/2017
 SCALE AS NOTED

DRAWING TITLE
PROJECT NOTES + SCHEDULES + DEMO PLAN

SHEET NUMBER
A-100

Approved 2/12/16
B17604049 R1E



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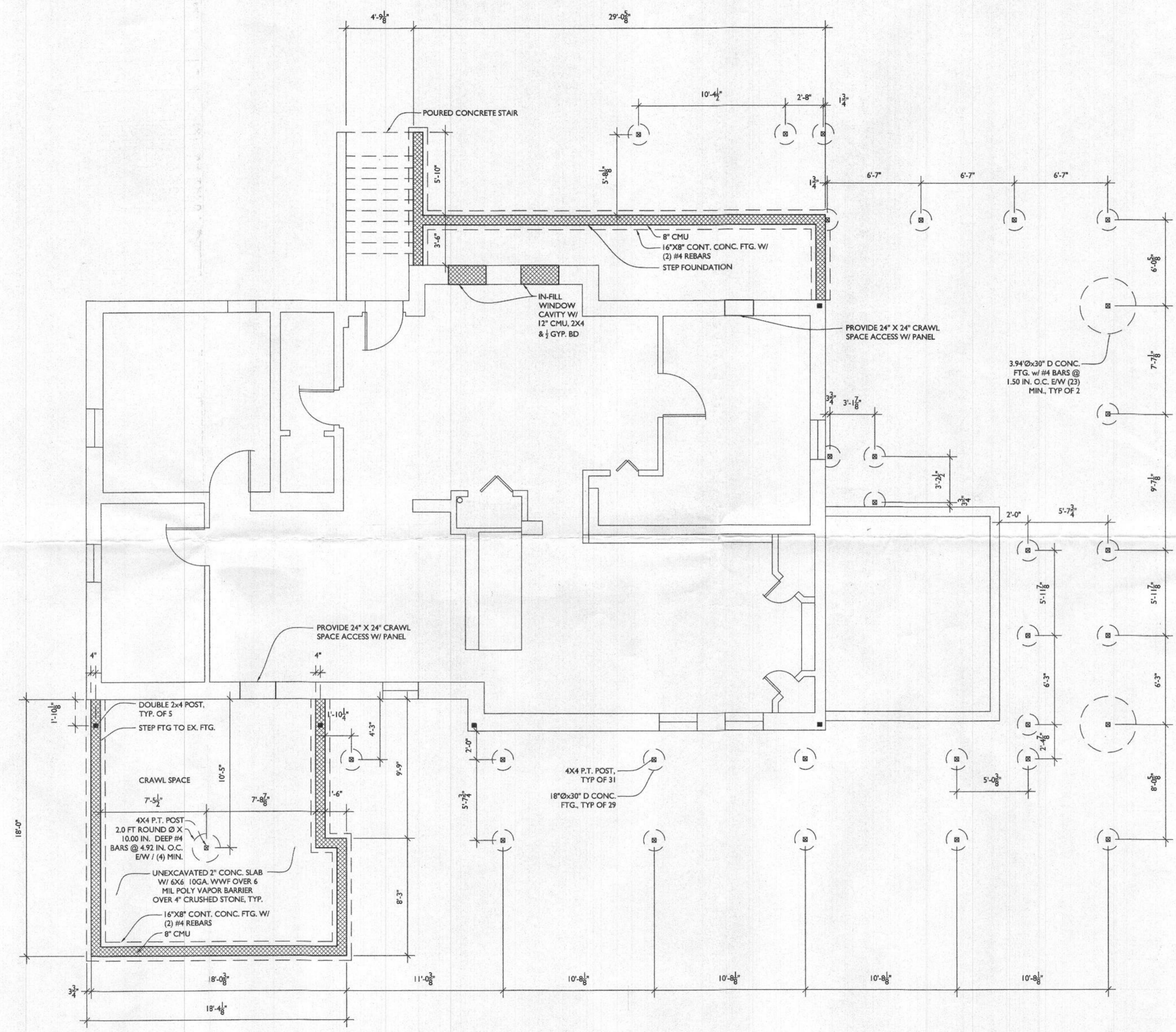
REVISIONS

SYMBOL	DATE	ISSUED FOR

PROJECT NUMBER 16-277
DATE 10/04/2017
SCALE AS NOTED

DRAWING TITLE
FOUNDATION PLAN

SHEET NUMBER
A-102



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