GENERAL DEMOLITION NOTES

A. DEMOLITION WORK INDICATED IS DIAGRAMMATIC AND NOT SHOWN INCLUSIVELY. MAJOR ITEMS OF DEMOLITION WORK ARE SHOWN WITH DASHED LINES. DEMOLITION DRAWINGS IS INTENDED TO DEMONSTRATE MAJOR ITEMS ONLY. CONTRACTOR IS REQUIRED TO PERFORM SELECTIVE DEMOLITION AS NEEDED TO ACCOMPLISH THE PROJECT EVEN IF NOT SPECIFICALLY NOTED. WHERE DEMOLITION IS REQUIRED THAT ALL SIMILAR OBJECTS IN THAT AREA BE ADDRESSED. IF DEMOLITION WORK IS UNCLEAR FOR ANY ITEM THE CONTRACTOR SHALL BRING IT TO THE ATTENTION OF THE OWNER FOR RESOLUTION BEFORE PROCEEDING.

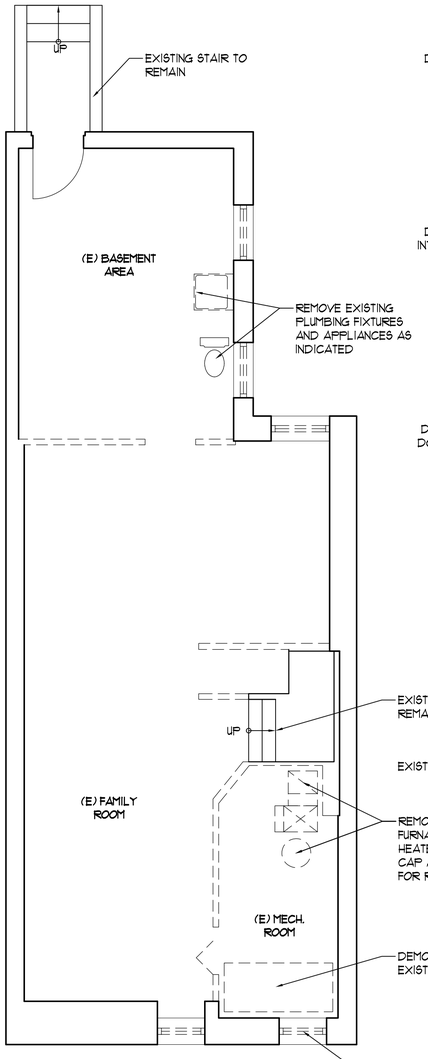
B. CONTRACTOR TO SEAL AND PROTECT EXIST. MECH SYSTEM DURING DEMOLITION AND CONSTRUCTION

C. ELECTRICAL CONTRACTOR TO REMOVE ALL OUTLETS, SWITCHES, FIXTURES AND SUPPLY LINES IN AREAS IDENTIFIED FOR DEMOLITION.

D. CONTRACTOR TO KEEP SITE CLEAN

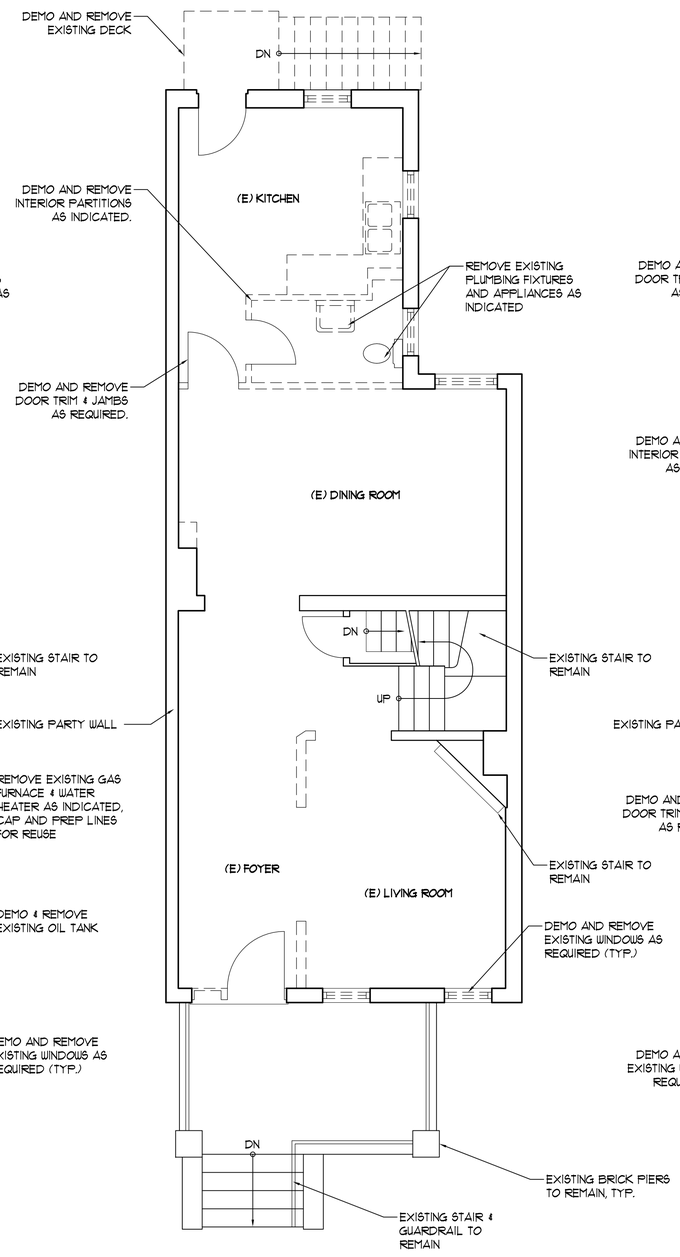
E. CONTRACTOR TO PROTECT ALL AREAS NOT UNDER CONSTRUCTION FROM DAMAGE DURING CONSTRUCTION.

F. CONTRACTOR TO PROVIDE TEMPORARY SUPPORT AT ALL STRUCTURAL WALLS AS REQUIRED DURING DEMOLITION. TEMP. SUPPORT TO HAVE CONTINUOUS BEARING TO BASEMENT LEVEL AS REQUIRED.



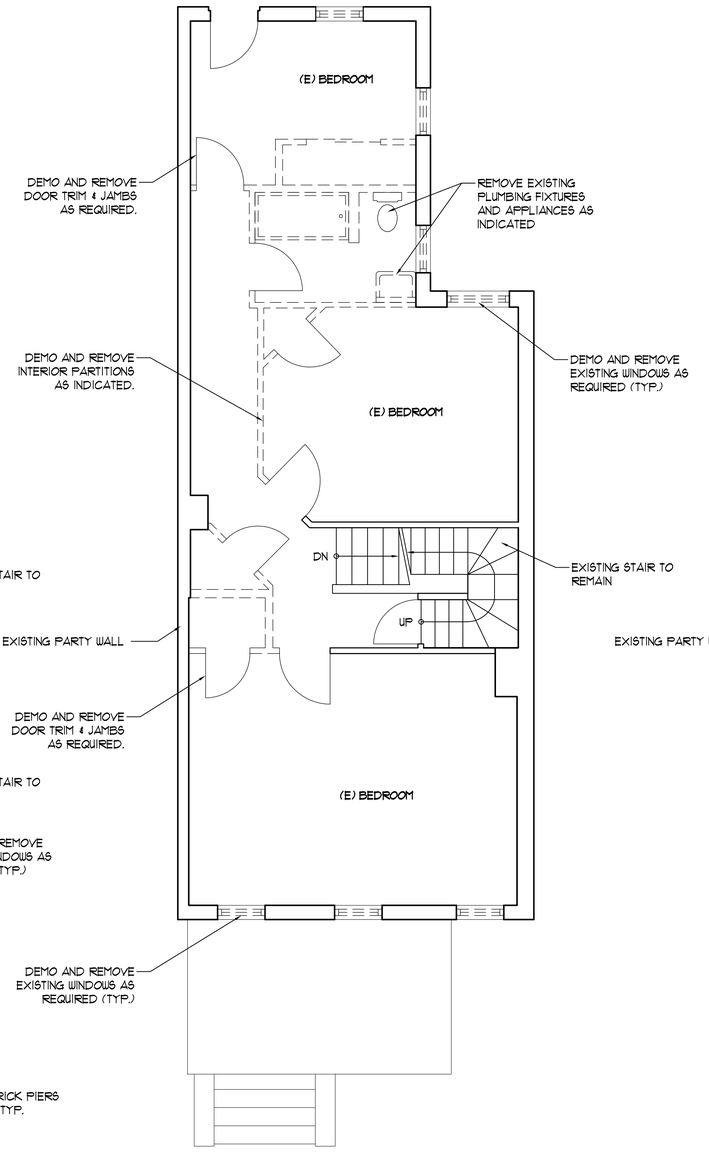
1 EXISTING/DEMO BASEMENT
1/4"=1'-0"

PROJECT NORTH TRUE NORTH



2 EXISTING/DEMO 1ST FLOOR PLAN
1/4"=1'-0"

PROJECT NORTH TRUE NORTH



3 EXISTING/DEMO 2ND FLOOR PLAN
1/4"=1'-0"

PROJECT NORTH TRUE NORTH

4 EXISTING/DEMO ATTIC FLOOR PLAN
1/4"=1'-0"

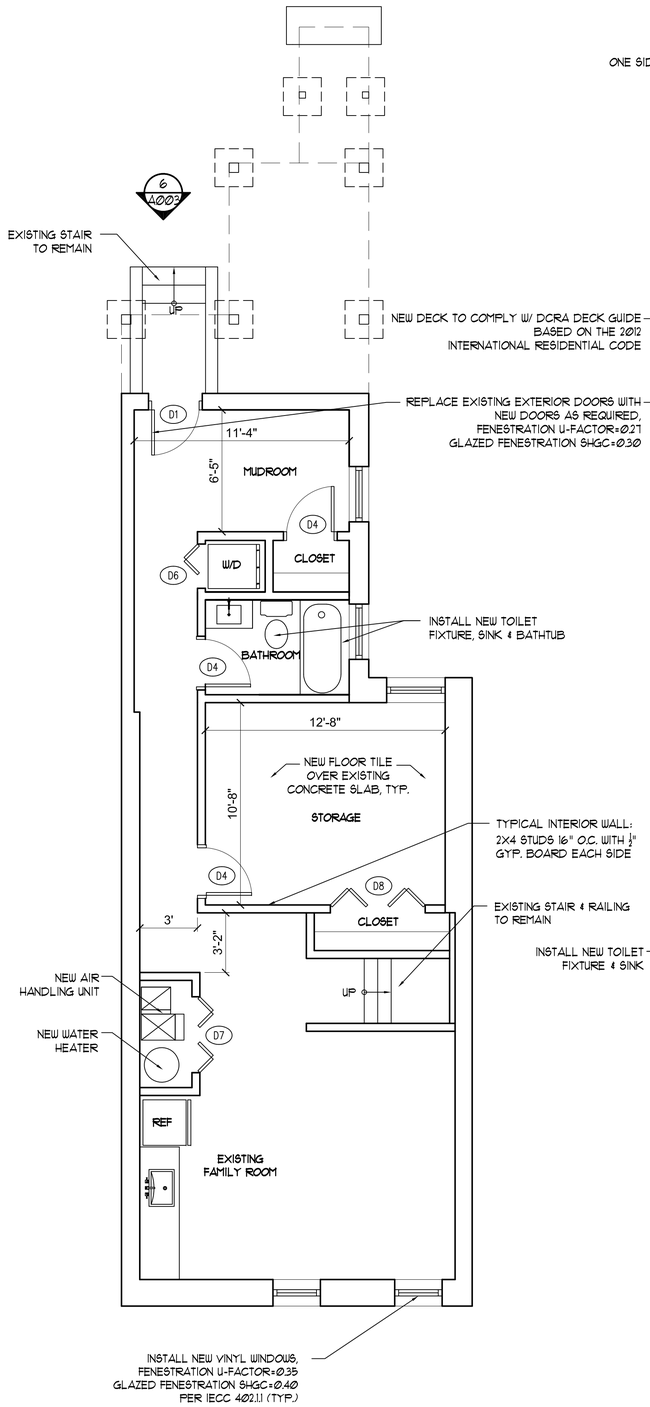
PROJECT NORTH TRUE NORTH

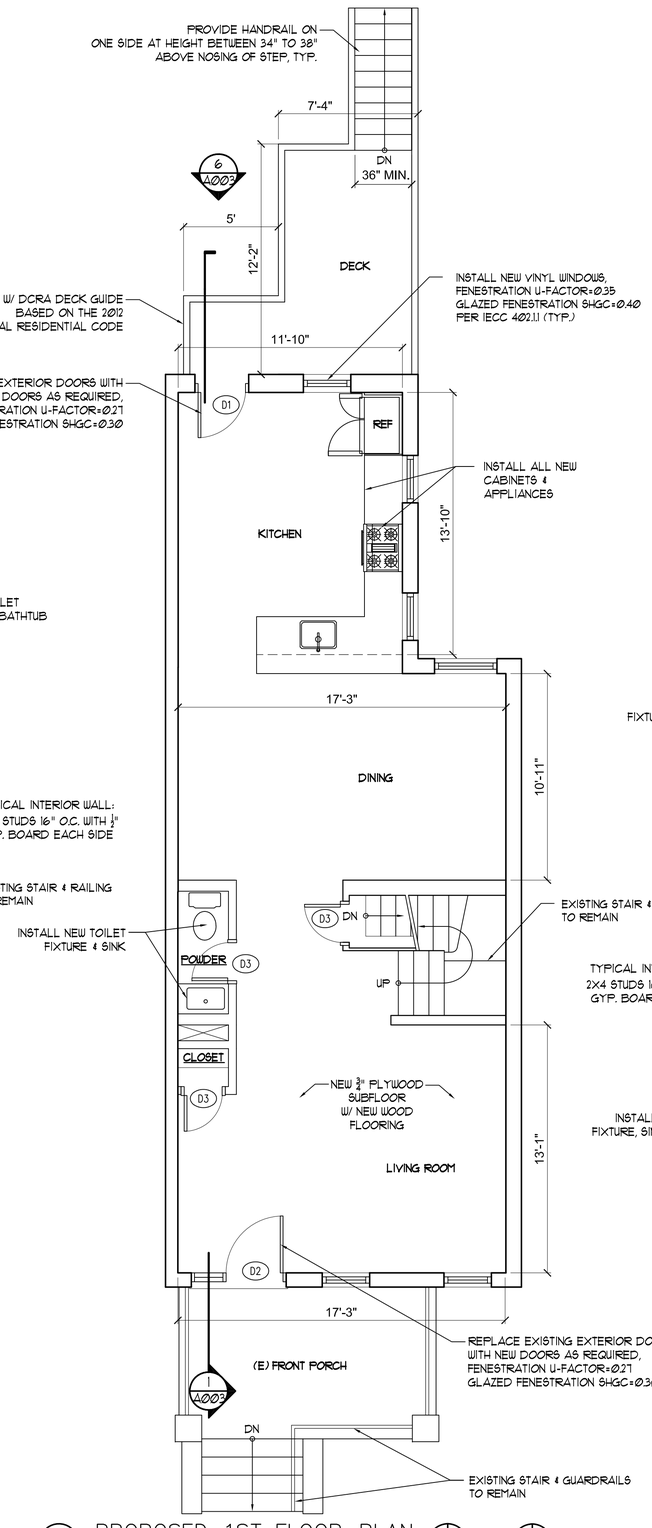
DISTRICT OF COLUMBIA
RICHARD S. NEWLON
ARC2349
REGISTERED ARCHITECT

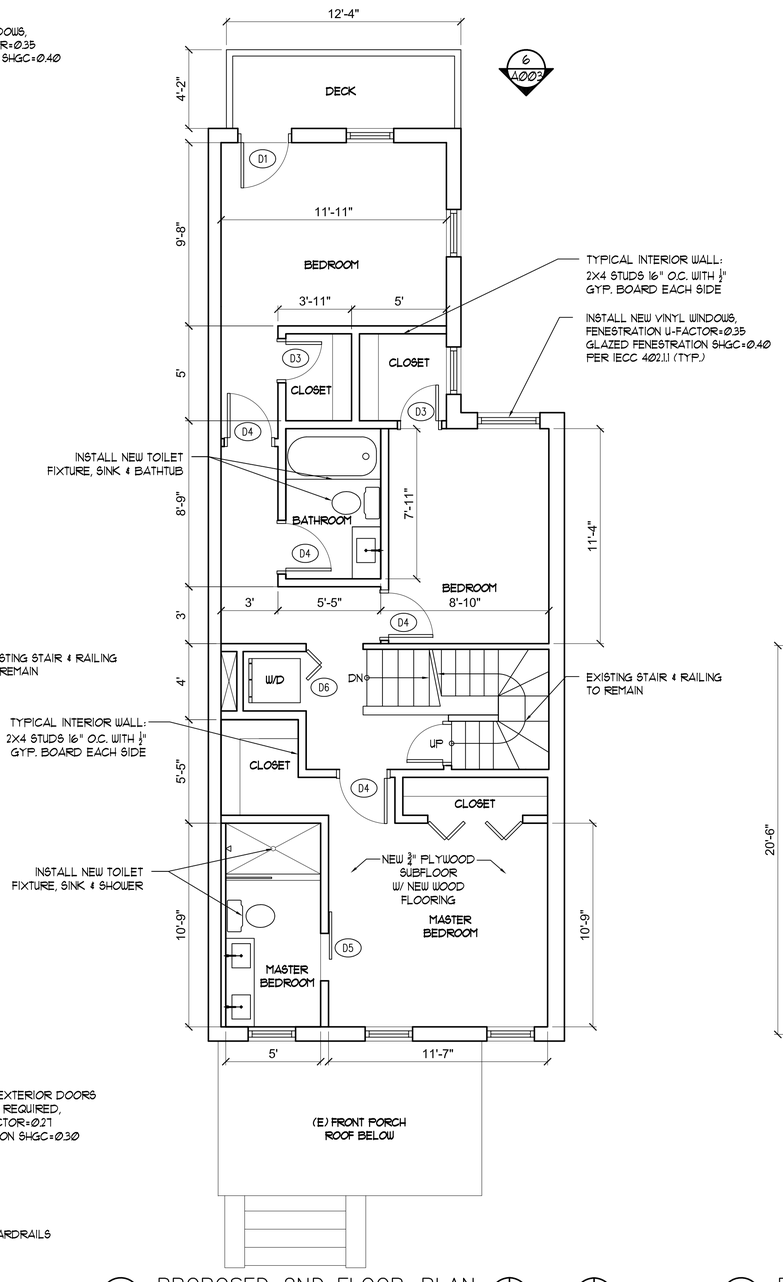
EXTERIOR DOOR SCHEDULE

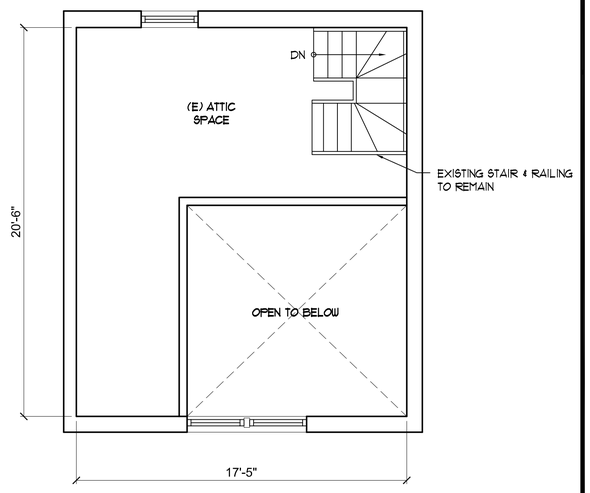
NAME	TYPE	MANUFACTURER	MODEL/SIZE	LOCATION	NOTE
D1	FIBER-GLASS ENTRY DOOR	T.B.D.	2'-6" x 6'-8" x 1 3/4"	BASEMENT, FIRST FLOOR ENTRY	KEYED MORTISE SET, TO HAVE SAFETY GLAZING PER IRC 308.4
D2	FIBER-GLASS ENTRY DOOR	T.B.D.	3'-0" x 6'-8" x 1 3/4"	FIRST FLOOR ENTRY	KEYED MORTISE SET, TO HAVE SAFETY GLAZING PER IRC 308.4
D3	SOLID CORE WOOD DOOR		2'-0" x 6'-8" x 1 3/4"		
D4	SOLID CORE WOOD DOOR		2'-6" x 6'-8" x 1 3/4"		LOUVERED DOOR @ W/D CLOSET
D5	BARN DOOR		2'-6" x 6'-8" x 1 3/4"		
D6	CLOSET DOOR		2'-6" x 6'-8" x 1 3/4"		LOUVERED DOOR @ W/D CLOSET
D7	CLOSET DOOR		4'-0" x 6'-8" x 1 3/4"		
D8	CLOSET DOOR		5'-0" x 6'-8" x 1 3/4"		LOUVERED DOOR @ MECHANICAL CLOSET

NOTE(S): CONTRACTOR TO FIELD VERIFY ALL EXISTING ROUGH OPENING SIZES BEFORE ORDERING NEW DOORS









DISTRICT OF COLUMBIA
RICHARD S. NEWLON
ARC2349
REGISTERED
ARCHITECT

1 PROPOSED BASEMENT
1/4"=1'-0"
PROJECT NORTH TRUE NORTH

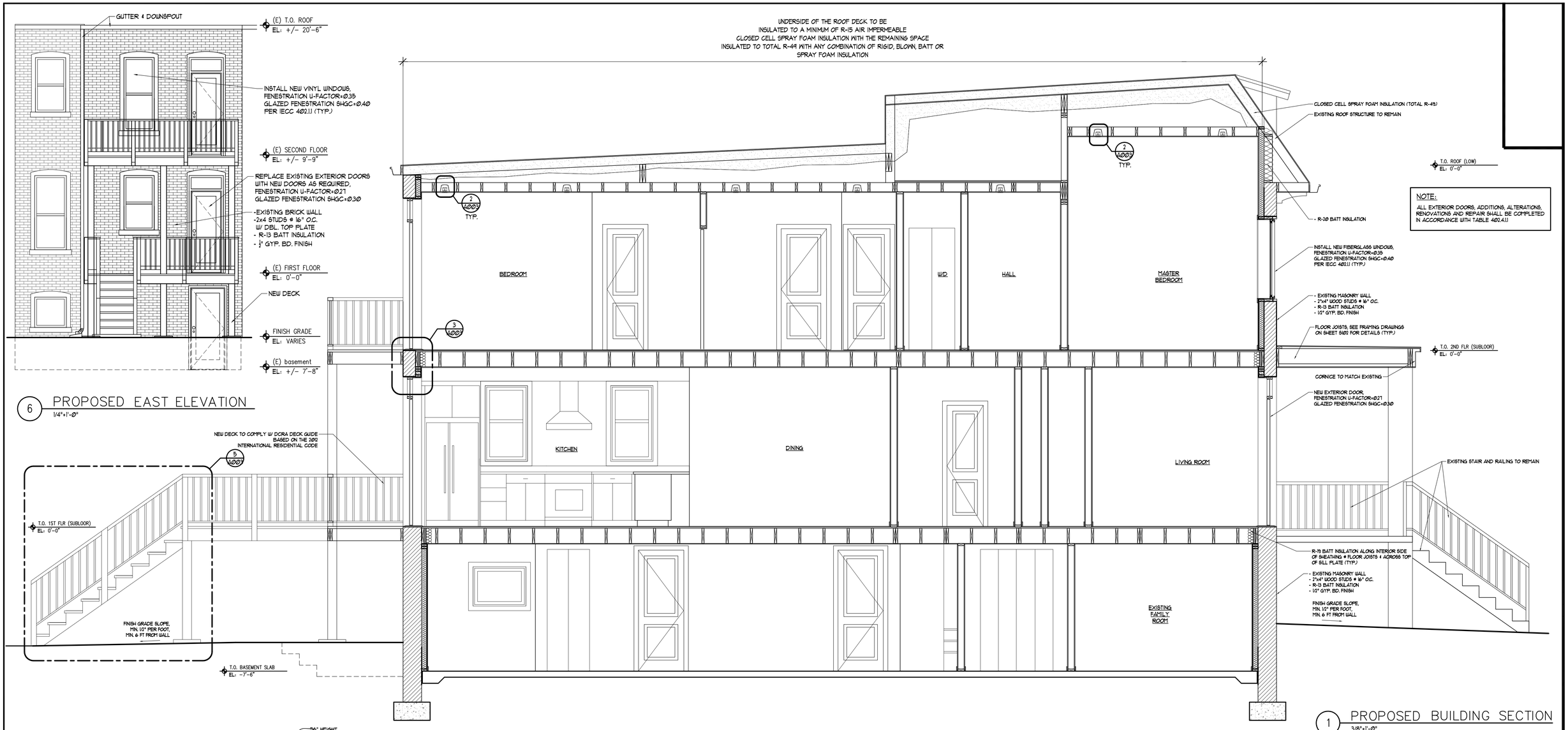
2 PROPOSED 1ST FLOOR PLAN
1/4"=1'-0"
PROJECT NORTH TRUE NORTH

3 PROPOSED 2ND FLOOR PLAN
1/4"=1'-0"
PROJECT NORTH TRUE NORTH

4 PROPOSED ATTIC FLOOR PLAN
1/4"=1'-0"
PROJECT NORTH TRUE NORTH

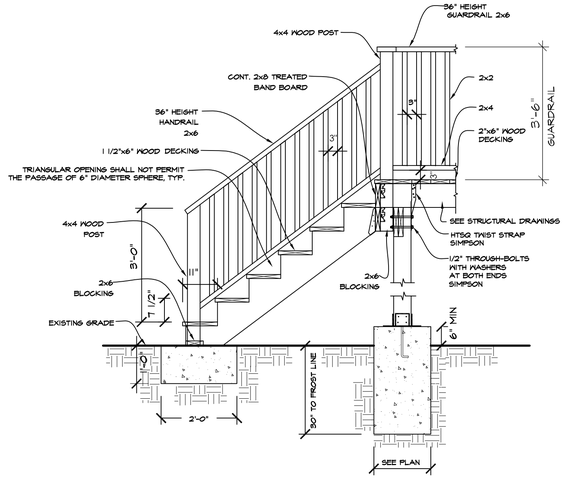
6 PROPOSED EAST ELEVATION

1/4"=1'-0"



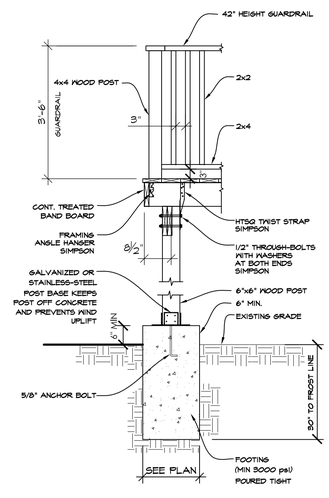
1 PROPOSED BUILDING SECTION

3/8"=1'-0"



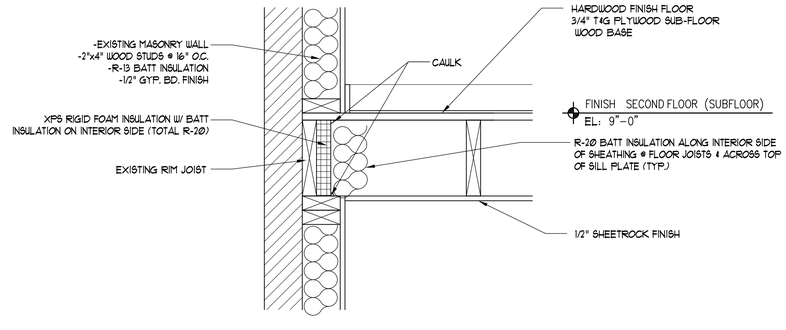
5 DETAIL

1/2"=1'-0"



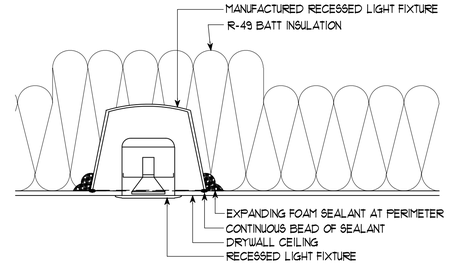
4 DETAIL

1/2"=1'-0"



3 RIM JOIST DETAIL

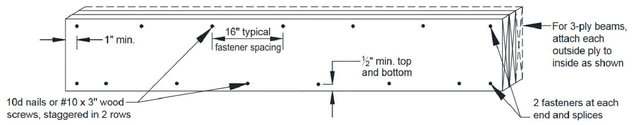
1 1/2" = 1'-0"



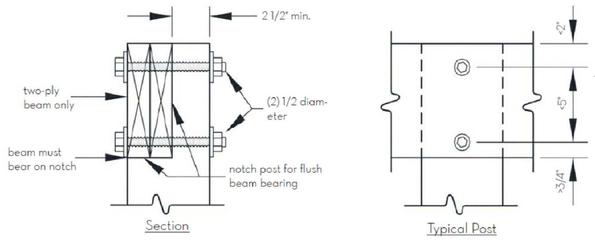
2 TYP. RECESSED LIGHTING @ 2ND FLOOR

N.T.S.

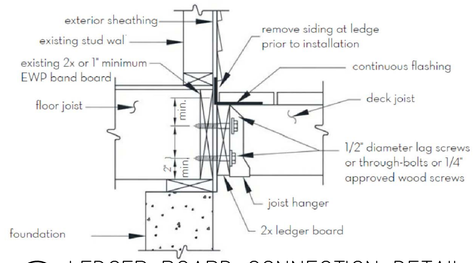
DISTRICT OF COLUMBIA
RICHARD S. NEWLON
ARC2349
REGISTERED ARCHITECT



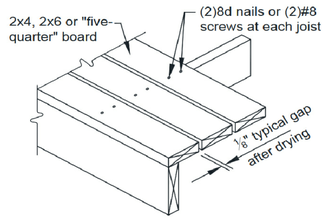
1 BEAM PLY FASTENING DETAIL
NOT TO SCALE



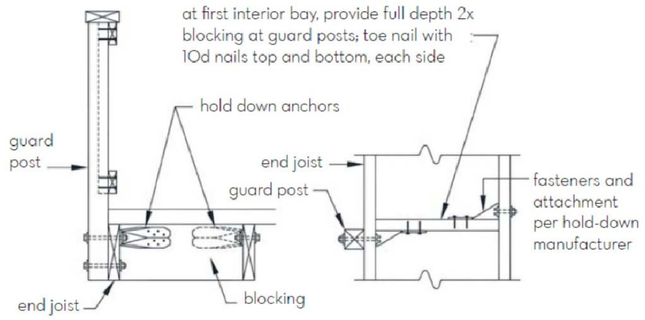
2 POST TO BEAM CONNECTION
NOT TO SCALE



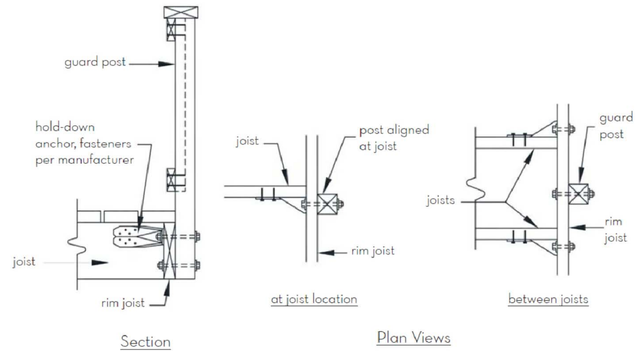
3 LEDGER BOARD CONNECTION DETAIL
NOT TO SCALE



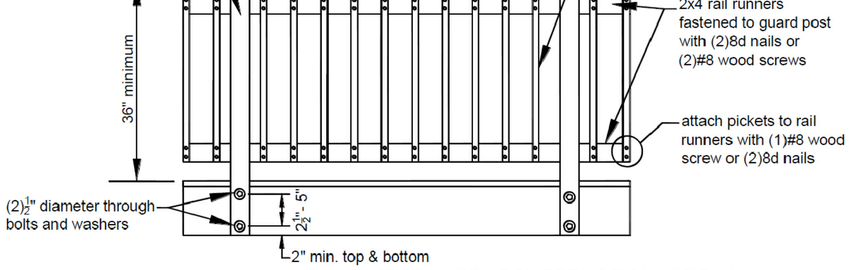
4 TYPICAL DECKING DETAIL
NOT TO SCALE



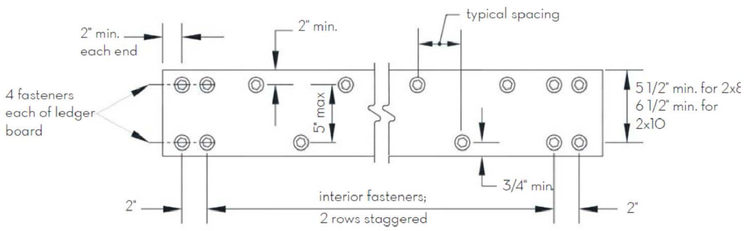
5 GUARDPOST–TO–END JOIST DETAIL
NOT TO SCALE



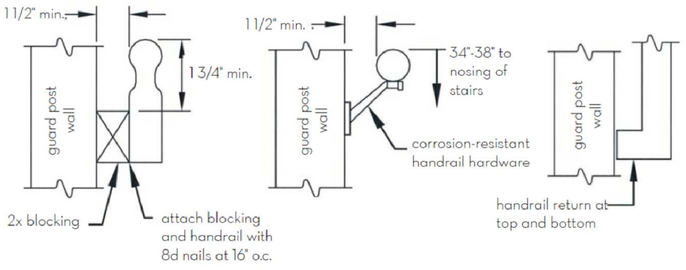
6 GUARDPOST–TO–RIM JOIST DETAIL
NOT TO SCALE



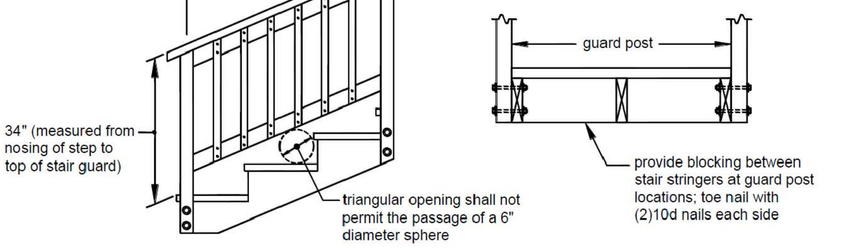
7 GUARD CONSTRUCTION DETAIL
NOT TO SCALE



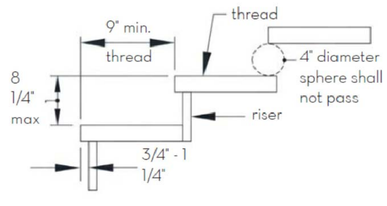
8 LEDGER BOARD FASTENER SPACING DETAIL
NOT TO SCALE



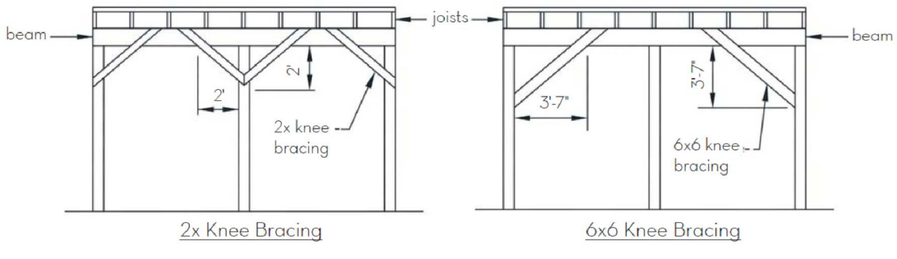
9 TYP. HANDRAILS DETAIL
NOT TO SCALE



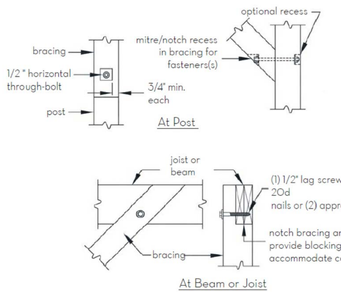
10 TYPICAL STAIR DETAILS
NOT TO SCALE



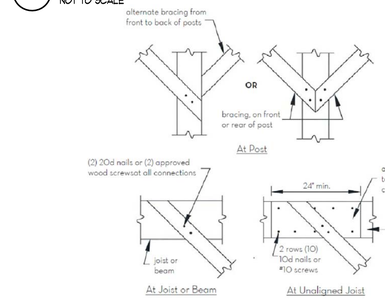
11 TREADS & RISERS DETAIL
NOT TO SCALE



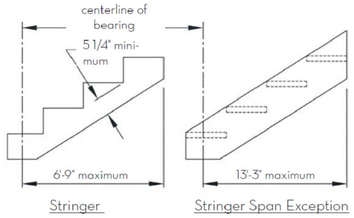
12 KNEE BRACING AT BEAM–POST LOCATIONS
NOT TO SCALE



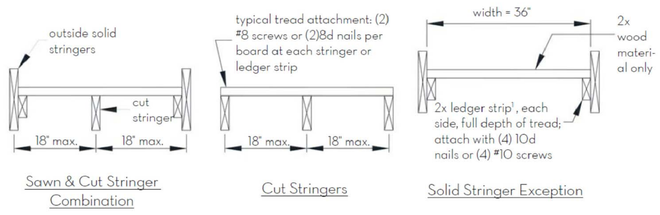
13 CONNECTIONS OF 6x6 KNEE BRACING
NOT TO SCALE



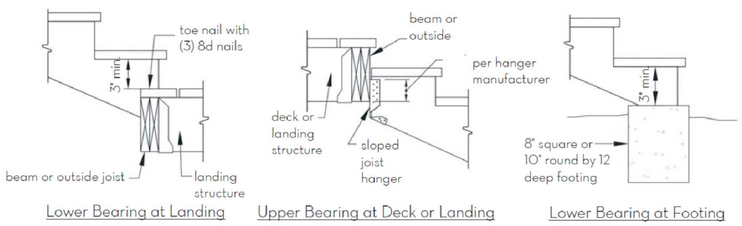
14 CONNECTIONS OF 2x KNEE BRACING
NOT TO SCALE



15 STRINGER SPAN LENGTH DETAIL
NOT TO SCALE



16 STRINGER TREADS DETAIL
NOT TO SCALE



17 STRINGER BEARING DETAIL
NOT TO SCALE

DISTRICT OF COLUMBIA
RICHARD S. NEWLON
ARC2349
REGISTERED
ARCHITECT

Permit #: Address: 4122 8TH ST NW

Compliance Path Used: X Prescriptive □ Trade Off

Project Type: □ New Building □ Addition

2012 IECC Section #	Pre-Inspection Section Description	Prescriptive Code Value	Designer Identified Drawing Page #	Plan Review	Field Insp.
302.1, 403.6 MR	Heating and Cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J	N/A	M300		
2012 IECC Section #	**Foundation Inspections**	**Prescriptive Code Value**	**Designer Identified Drawing Page #**	**Plan Review**	**Field Insp.**
402.1.1 SR	Slab Insulation R-value. Perimeter insulation extending downward from the top of the slab surface	Unheated R-10 Heated R-15			
402.1.1 SR	Slab Insulation depth.	2 feet			
402.1.1 SR	Conditioned basement wall insulation R-value. Where internal insulation is used, verification to occur during insulation inspection	Continuous R-10 Cavity: R-13			
303.2 I	Conditioned basement wall insulation installed per manufacturer instructions.	N/A			
402.2.8 SR	Conditioned basement wall insulation depth of burial or distance from top of wall.	10 ft or to bsmt. floor			
402.2.10 SR	Unvented crawlspace wall insulation R-value	Continuous: R-10 Cavity: R-13	N/A		
303.2 I	Unvented crawlspace installed per manufacturer's instructions	N/A	N/A		
402.2.10 SR	Unvented crawlspace continuous vapor retarder installed over exposed earth, joints overlapped by 6 in. and sealed, extending at lest 6 in. up and attached to the wall.	Continuous R-10 Cavity: R-13	N/A		
402.2.10 SR	Unvented crawlspace wall insulation depth of burial or distance from top of wall	To finished grade +24 in. vert. & / or horiz.	N/A		
303.2.1 S	A protective covering is installed to protect exposed exterior insulation and extends a minimum of 6 in. below grade.	N/A	N/A		
403.8 ER	Snow and Ice-melting system controls installed.				

2012 IECC Section #	Framing/ Rough-In Inspection	Prescriptive Code Value	Designer Identified Drawing Page #	Plan Review	Field Insp.
402.1.1, 402.3.4 SR	Door U-factor	U-0.35			
402.1.1, 402.3.1, 402.3.3 SR	Glazing U-factor (Area weighted average, show proof of average if any u-value is less than 0.35)	U-0.35			
402.1.1, 402.3.2, 402.3.3, 402.3.6, SR	Glazing SHGC value (Area weighted average)	SHGC: 0.4			
303.1.3 I	U-factors of fenestration products are determined in accordance with the NFRC or the default table values.				
402.1.1, 402.3.3, 402.3.6 SR	Skylight U-factor	U-0.55 (15 square foot exemption)			
402.1.1, 402.3.3, 402.3.6 SR	Skylight SHGC	SHGC: 0.30 (0.5 max w/ tradeoff. 15ft²exempt			
303.1.3 I	SHGC values were determined in accordance with the NFRC or the default table values.				
402.1.1 SR	Mass wall exterior insulation R-value.	R-13 Interior R-8 Exterior			
303.2 I	Mass wall exterior insulation installed per manufacturer's instructions.	N/A			
402.3.5 SR	Fenestration in thermally isolated sunrooms has a max. U-factor of 0.45. All other sunroom fenestration must meet code requirements.	Not Isolated 0.35 Isolated: 0.45			
402.3.5 SR	Skylights in thermally isolated sunrooms has a max. U-factor of 0.7. All other sunroom skylights must meet code requirements.	Not Isolated 0.55 Isolated: 0.7			
402.4.1.2 SR	Additions, alterations, renovations and replair shall be completed in accordance with Table 402.4.1.1.	Not Isolated 0.55 Isolated: 0.7			
402.4.1.1 I	Air and Thermal Barrier installed per Manufacturer's instructions.				
402.4.3 I	Fenestration is listed and labeled as meeting AAMA/ WDMA/CSA 101/I.S. 2/A440 or does not exceed code limits per NFRC 400.	0.3 CFM/ft²			
402.4.4 E					
403.2.1 MR	Supply Ducts in attic are insulated to ≥R-8. All other ducts in unconditioned spaces or outside the building envelope are ≥R-6.	Attic: R-8 Other: R-6	N/A		
403.2.2 MR	All joints and seams of air ducts, air-handlers, and filter boxes are sealed.		M000		
403.2.3 MR	Building cavities are not used as ducts or plenums.		M200		
403.3 MR		HVAC Pipe ≥ R-3	M000		
403.3.1 MR	Protection of insulation on HVAC piping.		M000		
403.4.2 MR	Hot water pipes are insulated to ≥ R-3.		M000		
403.5 MR	Auto./ gravity dampers install on all intakes/ exhausts.		M000, M200		

2012 IECC Section #	Insulation Inspections	Prescriptive Code Value	Designer Identified Drawing Page #	Plan Review	Field Insp.
303.1 I	All installed insulation labeled or installed R-values provided.		M101		
402.1.1, 402.2.6 SR	Floor Insulation R-value	Wood: R-19 Steel: R-19+6			
303.2, 402.2.7 SR	Floor insulation installed per mnfr instructions, and substantial contact with underside of floor.				
402.1.1, 402.2.5 402.2.6 SR	Wall insulation R-value. If a mass wall with ½ insulation on the wall exterior. ext insulation applies.	Wood: R-20 or R-13+5 Mass: R-13 Int. R-8 Ext. Steel: R19+8			
402.1.1 SR	Mass wall exterior insulation R-value.	R-13 Interior R-8 Exterior			
402.2.12 S	Walls of thermally isolated sunrooms have a min. R-13. All other sunrooms must meet code requirements.	Isolated: R13			
302.2 I	Sunroom walls insulation installed per manufacturer's instructions.				
402.2.12 S	Ceilings of thermally isolated sunrooms have min. R-24. All other sunroom ceilings must meet code requirements	Isolated: R-24			
302.2 I	Sunroom ceiling insulation installed per manufacturer's instructions.				
2012 IECC Section #	**Final Inspections**	**Prescriptive Code Value**	**Designer Identified Drawing Page #**	**Plan Review**	**Field Insp.**
402.2.1 402.2.6 SR	Ceiling insulation R-value	Wood: R-49 Steel: U-0.026			
303.1.1.1 303.2 I	Ceiling insulation installed per mnfrs instructions. Blown ins. marked every 300ft²				
402.2.3 SR	Baffle over air permeable insulation adjacent to soffit and eave vents.				
402.2.4 SR	Attic access hatch and door insulation ≥R-value of adjacent assembly.	≥R-value of adjacent assembly			
402.4.1.2 I	Blower door test @ 50 Pa≤5 Air Changes per Hour. Applies to Level 3, Cut Rehab, New	ACH50≤5.0			
402.4.2 I	Wood burning fireplaces have tight fitting flue dampers and outdoor air for combustion.		N/A		
403.2.2 I	Total Duct leakage test ≤8 CFM/100 ft² with air-handler installed.	≤8 CFM/ 100 ft²			
403.2.2.1 I	Air-handler leakage designed by mfr. at ≤2% of air-flow.		M300		
403.6 I	HVAC equipment type and capacity as per plans.		M300		
403.1.1 MR	Programmable thermostats installed on forced air furnace		M000, M300		
403.1.2 MR	Heat pump thermostat installed on heat pumps.		N/A		
403.4.1 MR	Circulating hot water systems have auto. or accessible manual controls.	N/A	N/A		
404.1 ER	75% lamps in permanent fixtures or 75% permanent fixtures use high effic. lamps		E300		

DCRA Energy Verification Sheet

This Energy Verification Sheet is based on DOE's Store and Score spreadsheets and was adapted to fit the 2013 DC Energy Concervation Code. This verification sheet does not replace the 2013 DC ECC or 2012 IECC and is included for DCRA to verify significant requirements during permitting and inspection. The project team shall design & construct the building to the full energy code, of which some measures may not be included in this sheet. The project team shall also include this document into their drawings and fill it in for low-rise residential projects completing Level 3 Alterations or new construction. Elements that are not applicable to the scope of work shall be marked "N/A" in the "Designer Identified Drawing Page #" column. Elements that are applicable shall be marked with the relevant page number where the item is specified in the drawings. Projects using the Performance Path need to fill in only the hatched, mandatory rows. Other Compliance Approaches require filling in all rows. Completion of this page does not absolve project teams from providing other energy verification documentation.