



HISTORIC PRESERVATION COMMISSION

Isiah Leggett
County Executive

William Kirwan
Chairman

Date: December 18, 2018

MEMORANDUM

TO: Diane Schwartz Jones
Department of Permitting Services

FROM: Michael Kyne
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #857680: Demolition, new addition and deck construction

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** at the December 5, 2018 Historic Preservation Commission meeting.

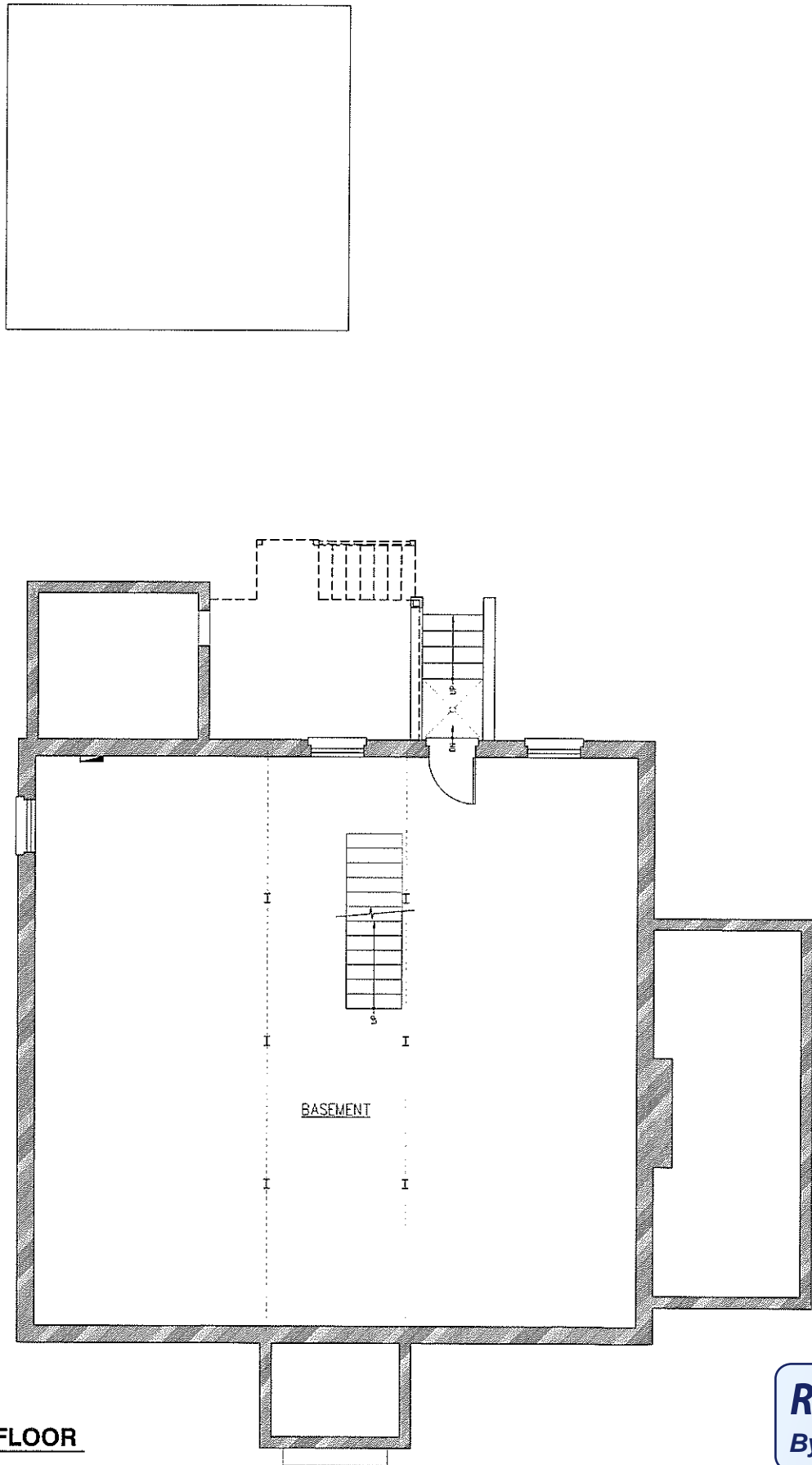
The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: Douglas McDaniel (Tom Flanagan, Architect)
Address: 46 Grafton Street, Chevy Chase

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Michael Kyne at 301.563.3403 or michael.kyne@montgomeryplanning.org to schedule a follow-up site visit.





APPROVED
 Montgomery County
 Historic Preservation Commission

W/K

1 DEMOLITION PLAN - BASEMENT FLOOR
 D-1 SCALE: 1/4" = 1'-0"

REVIEWED
 By Michael Kyne at 12:35 pm, Dec 18, 2018

DEMOLITION KEYNOTES

- EXC. ITEMS (001-099)**
- 001 EXC. WALL TO: A. REMAIN B. BE REMOVED PROVIDE TEMPORARY BRACING AS REQ'D
 - 002 EXC. WINDOW TO: A. REMAIN B. BE REMOVED
 - 003 EXC. DOOR AND FRAME TO: A. REMAIN B. BE REMOVED C. BE REFINISHED, SAVE FOR RE-USE
 - 004 EXC. CASINGS/ARCHITECTURE TO: A. REMAIN B. BE REMOVED C. BE REMOVED STORE ON SITE AS DIRECTED BY OWNER
 - 005 EXC. FLOORING TO: A. REMAIN, PROTECT AS REQ'D B. BE REMOVED TO DUSFLOOR, PREPARED FOR NEW FLOOR
 - 006 EXC. APPLIANCE/EQUIPMENT TO: A. REMAIN B. BE REMOVED C. BE REMOVED STORE ON SITE AS DIRECTED BY OWNER
 - 007 EXC. PLUMBING FIXTURE TO: A. REMAIN B. BE REMOVED C. BE REMOVED, SAVE FOR RE-USE
 - 008 EXC. ATTIC ACCESS TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 009 EXC. HANDRAIL/GUARDRAIL TO: A. REMAIN B. BE REMOVED
 - 010 EXC. BALCONY TO: A. REMAIN B. BE REMOVED
 - 011 EXC. STAIR TO: A. REMAIN B. BE REMOVED
 - 012 EXC. COLUMN/POST TO: A. REMAIN B. BE REMOVED, PROVIDE TEMPORARY SUPPORT
 - 013 EXC. LANDSCAPING TO: A. REMAIN B. TO BE REMOVED C. TO BE RELOCATED, AS DIRECTED BY OWNER
 - 021 EXC. ENTRY WALKWAY TO: A. REMAIN B. BE REMOVED
 - 022 EXC. PATIO TO: A. REMAIN B. BE REMOVED
 - 023 EXC. DRIVEWAY TO: A. REMAIN B. BE REMOVED
 - 024 EXC. FENCE TO: A. REMAIN B. BE REMOVED
 - 025 EXC. DECK TO: A. REMAIN B. BE REMOVED
 - 026 EXC. STOPS, STEPS, AND COVERED ENTRY TO: A. REMAIN B. BE REMOVED
 - 027 EXC. MOSE BIRD TO: A. REMAIN B. BE REMOVED C. TO BE RELOCATED, SEE PLUMBING DRAWINGS
 - 028 EXC. BRICK VENEER TO: A. REMAIN B. BE REMOVED
 - 040 EXC. ELECTRICAL METER TO: A. REMAIN B. BE REMOVED
 - 041 EXC. HVAC UNIT TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 042 EXC. GAS METER TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 043 EXC. ELECTRICAL PANEL TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 044 EXC. HOT WATER HEATER TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 045 EXC. RADIATOR TO: A. REMAIN B. BE REMOVED
 - 046 EXC. ALLOUVERING TO: A. REMAIN B. BE REMOVED
 - 047 EXC. ELECTRIC LIGHT FIXTURE TO: A. REMAIN B. BE REMOVED
 - 048 EXC. DRYER VENT TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 049 EXC. SUMP PUMP TO: A. REMAIN B. BE REMOVED
 - 050 EXC. INCOMING WATER SUPPLY TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 060 EXC. STEEL BEAM TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN
 - 082 EXC. FLUE/CHIMNEY TO: A. REMAIN B. BE REMOVED C. BE RELOCATED AS SHOWN

DEMOLITION NOTES

1. ALL ITEMS LISTED TO BE SAVED SHALL BE STORED ON SITE AS DIRECTED BY OWNER. SEE LIST OF ITEMS ON THIS SHEET. CONTRACTOR SHALL CLEAN AND CHECK ALL EXISTING COMPONENTS AND SYSTEMS TO BE REUSED IN THE NEW WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCY IN CONDITION. CONTRACTOR SHALL REINSTALL ONLY THOSE ELEMENTS WHICH ARE REASONABLY SUITABLE FOR INCORPORATION INTO THE NEW WORK.
2. CONTRACTOR SHALL EXERCISE CARE IN THE REMOVAL AND STORAGE OF ALL MATERIALS TO BE REMOVED AND SAVED FOR REUSE. CONTRACTOR SHALL ALSO USE CARE IN ALL WORK AREAS WHICH INVOLVE PORTIONS OF THE EXISTING CONSTRUCTION TO REMAIN.
3. CONTRACTOR SHALL PERFORM SELECTIVE DEMOLITION OF EXISTING MECHANICAL AND ELECTRICAL SYSTEM COMPONENTS. SEE ELECTRICAL AND PLUMBING DRAWINGS FOR EXTENT OF WORK.
4. ALL ELECTRICAL WIRING AND PLUMBING WHICH IS ABANDONED SHALL BE REMOVED BACK TO ITS SOURCE IF IT WILL NOT BE INCORPORATED INTO THE NEW WORK.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS OF PROVIDING TEMPORARY BRACING FOR STRUCTURAL MEMBERS AS REQUIRED DURING DEMOLITION. THE DEMOLITION WORK SHALL BE CARRIED OUT IN A MANNER THAT THE EXISTING STRUCTURES SHALL NOT BECOME UNSAFE.
6. CONTRACTOR TO KEEP JOB SITE FREE AND CLEAR OF DEBRIS AT ALL TIMES. CONTRACTOR SHALL REMOVE ALL DEBRIS FROM SITE ON A REGULAR BASIS. JOB SITE SHALL BE BROOM SWEEP DAILY.
7. CONTRACTOR TO PROVIDE TEMPORARY DUST BARRIERS, RODENT PEST PROTECTION, AND SECURITY MEASURES. CONTRACTOR TO PROTECT EXISTING FINISHES NOT AFFECTED BY DEMOLITION.
8. CONTRACTOR TO PROVIDE RAW BOARD PROTECTIVE SHEATHING ON HORIZONTAL SURFACES AT AREA OF WORK TO PROTECT FLOORS AS REQUIRED.
9. SCOPE OF DEMOLITION SHALL INCLUDE WORK REASONABLY INFERRED BUT NOT SPECIALLY SHOWN.
10. THE OWNER RESERVES THE RIGHT OF FIRST REFUSAL OF ALL ITEMS AT THIS SITE.

ITEMS TO BE SAVED

THE OWNER RESERVES THE RIGHT OF FIRST REFUSAL FOR ALL ITEMS REMOVED OR FOUND DURING THE PROJECT. THE FOLLOWING ITEMS SHALL BE REMOVED WITH CARE DURING DEMOLITION. THESE ITEMS SHALL BE STORED ON SITE AS DIRECTED BY THE OWNER. REINSTALLED BY THE NEW WORK, AS IDENTIFIED BY THE DRAWINGS. CONTRACTOR SHALL WALK SITE WITH OWNER PRIOR TO DEMOLITION TO DETERMINE ADDITIONAL ITEMS TO BE SAVED.

LEGEND

- EXISTING ITEMS TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- NEW WALL
- TEMPORARY WALL
- FIRE RATED WALL



8120 WOODMONT AVE., SUITE 107
 BETHESDA, MD 20814
 TEL: (301) 652-6811

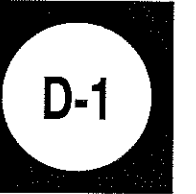
PROFESSIONAL CERTIFICATION
 I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of Maryland.
 License #5531 exp. date 30 November 2019

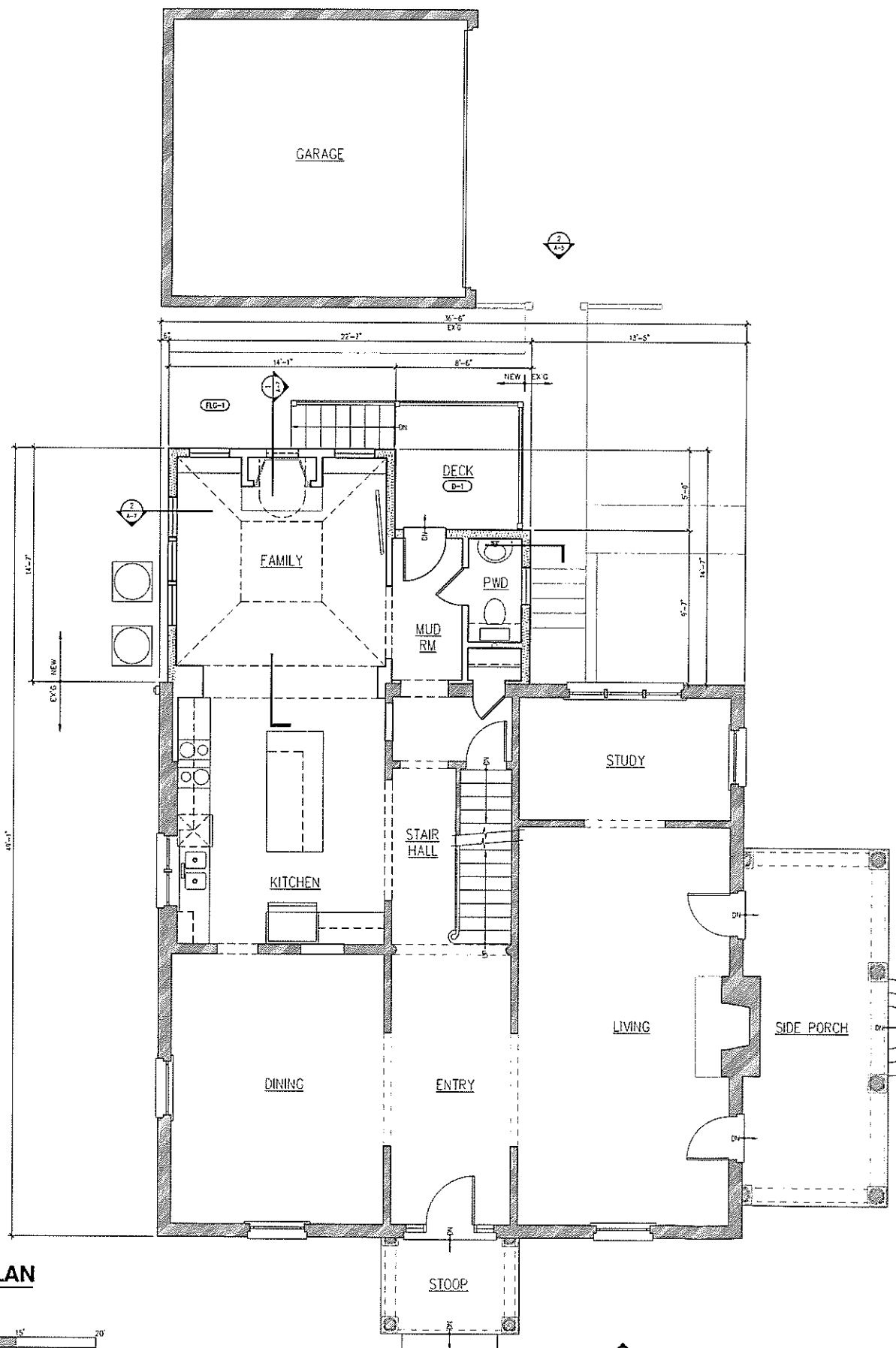
Job Name
MCDANIEL RESIDENCE

46 GRAFTON STREET
 CHEVY CHASE, MD 20815

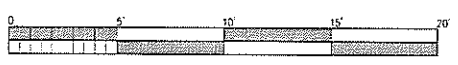
Sheet Description
BASEMENT FLOOR DEMOLITION PLAN

Project # 183300
 File
 Drawn by JMC, GJB
 Date(s)
 24 OCT '18 TO REVIEW SET
 31 OCT '18 HAMP SUBMISSION





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



FLOOR PLAN KEYNOTES

FLOOR PLAN KEYNOTES CONTINUE FROM SHEET A-1

- MATERIALS (100-199)**
- (100) NEW CONG. SLAB, SEE STRUCTURAL DRAWINGS/FRAMING PLANS
 - (101) NEW FOUNDATION WALL WITH (SMOOTH SIDE OR TEXTURED BRICK SIDE) EXPOSED AT EXTERIOR, SEE STRUCTURAL DRAWINGS/FRAMING PLANS
 - (102) TYP. DOWN CONG. FOOTING, SEE STRUCTURAL DRAWINGS
 - (103) FORMING, SEE FOUNDATION/FRAMING PLANS, TYP.
 - (104) 1/2" GYP BOARD:
 - A. ON 2x4 WOOD STUDS @ 16" O.C. TYP.
 - B. ON 2x6 WOOD STUDS @ 16" O.C. TYP.
 - C. ON W.G. FURRING @ 16" O.C. TYP.
 - D. ON LIGHT GAUGE WFL FURRING
 - (105) 5/8" TYPE X FIRE RATED GYP. BOARD AT ALL WALLS & CLG. SEPARATING HOUSE & GARAGE
 - (106) R-13 KRAFT FACED INSULATION, TYP. @ ALL 2x4 EXTERIOR WALLS
 - (107) R-19 KRAFT FACED INSULATION, TYP. @ ALL 2x6 EXTERIOR WALLS
 - (108) SOUND ATTENUATING BATT INSULATION
 - (109) R-30 KRAFT FACED BATT INSULATION AT CEILING OF GARAGE (KRAFT FACE TOWARD HEATED SIDE)
 - (110) STEEL COLUMN, SEE FRAMING PLANS
 - (111) WOOD POST, SEE FRAMING PLANS
 - (112) KITCHEN CABINETS AND COUNTERTOPS LAYOUT TO BE DETERMINED BY KITCHEN DESIGNER AND APPROVED BY OWNER. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR APPROVAL, PRIOR TO ORDERING.
 - (113) NEW VANITY & COUNTERTOP, SEE FURNISHING SPEC. & ALLOWANCES ON MILLWORK SCHEDULE
 - (114) A. PROVIDE HANGING 1-1/2" ROUND HANGING ROD @ 5'-0" AFF. 1/2" DEEP PARTICLE BOARD SHELF, PAINTED W/ EDGE BAND @ 3'-10" AFF.
 - B. PROVIDE 15/16" ROUND HANGING ROD @ 7'-0" AND 3'-4" AFF. PROVIDE 1/2" DEEP PARTICLE BOARD SHELF PAINTED WITH EDGE BAND @ 1'-8" AFF.
 - C. SHIMMING & HANGING RODS BY CLOSET DESIGNER (N/A)
 - D. 3 EQUALLY SPACED PARTICLE BOARD SHELVES, PAINTED W/ EDGE BAND
 - E. 3 EQUALLY SPACED MELAMINE SHELVES
 - F. CLOSET ORGANIZERS, SEE ALLOWANCES ON MILLWORK SCHEDULE
 - (115) CASER OPENING, MATCH TYP. GRANED WOOD CASING DETAIL
 - (116) CASED OPENING, NOTE: SEE WINDOW/DOOR SCHEDULE FOR OPENING ALIGNMENTS
 - A. 2000 C. 3600 E. 5000 D. 7000 ARCHED J. 3008 K. 4066
 - B. 3000 D. 4000 F. 6000 ARCHED H. 2004
 - (117) NEW FINISH FLOORING IN THIS AREA, SEE FINISH SCHEDULE
 - (118) ATTIC ACCESS:
 - A. MIN. 22" x 30" ATTIC ACCESS
 - B. 22" x 18" FULLEREN STAIR
 - (119) MASONRY FIREPLACE, FIREBOX WIDTH TO BE:
 - A. 42"
 - B. 48"
 - (120) FIBERGLASS SCREEN IN PREFRAMED ALUM. FRAME. FRAME COLOR TO MATCH WOOD CLADDING IN COLOR
 - (121) FIBERGLASS BRICK SILL, PROVIDE MITERED EDGES WHERE SILL TURNS CORNER
 - (122) DECKING OVER P.T. WOOD FRAMING, SEE FINISH SCHEDULES. PROVIDE FIELD-BUILT STAIR OF SIMILAR MATERIALS WHERE INDICATED ON PLAN
 - (123) FORTYSEVEN BLUESTONE OVER CONG. SLAB PROVIDE 2" THICK GAUGED MATERIAL AT ALL EXPOSED EDGES, TYP.
 - (124) NEW [ASPHALT/CONCRETE/STAINED & COLORED CONCRETE] DRIVEWAY CONTROL JOINT AT CONCRETE
 - (125) NEW [ASPHALT/CONCRETE/STAINED & COLORED CONCRETE/FRONT BLUESTONE] SIDEWALK COORDINATE FINAL LAYOUT WITH OWNER
- DETAILS (200-299)**
- (200) MILLWORK, SEE MILLWORK SCHEDULE AND DETAIL AS INDICATED
 - (201) CURBS, SEE DETAIL /DET-
 - (202) BENCH SEAT, SEE DETAIL /DET-
 - (203) PLASTER, SEE DETAIL /DET-
 - (204) COLUMN, SEE DETAIL /DET-
 - (205) HALF WALL w/ FINISH CAP, SEE DETAIL /DET-
 - (206) WAINSCOT:
 - A. AT WALL, SEE DETAIL /DET-
 - B. AT CORNER, SEE DETAIL /DET-
 - (207) HINGE, SEE DETAIL /DET-
 - (208) QUADRANT:
 - A. AT DECK, SEE DETAIL /DET-
 - B. AT INTERIOR STAIR, SEE DETAIL /DET-
 - (209) HANDRAIL:
 - A. AT DECK, SEE DETAIL /DET-
 - B. AT INTERIOR STAIR, SEE DETAIL /DET-
 - (210) VOLUME OR NEREL POST, TYP. SEE DETAIL /DET-
 - (211) CUSTOM NEREL POST, SEE DETAIL /DET-
 - (212) STAIR:
 - A. FIELD-BUILT WOOD, SEE DETAIL /DET-
 - B. PRE-MANUFACTURED, SEE MANUFACTURED ITEMS
 - C. CONCRETE, SEE DETAIL /DET-
 - (213) FLOORING MATERIAL TRANSITION, SEE DETAIL /DET- CENTER TRANSITION UNDER CLOSED DOOR WHERE OCCURS
 - (214) BULKHEAD ABOVE, SEE DETAIL /DET-
 - (215) FALSE BEAM ABOVE, SEE DETAIL /DET-
 - (216) ARCHED OPENING ABOVE, SEE DETAIL /DET-

FLOOR PLAN KEYNOTES CONTINUE ON SHEET A-3

PLAN NOTES

1. ALL DIMENSIONS ARE TO FINISHED WALL UNLESS NOTED OTHERWISE (UN O)
2. CONTRACTOR TO PROVIDE SEALANT AT ALL JOINTS WHERE DISSIMILAR MATERIALS ADJUT
3. CONTRACTOR SHALL PATCH AND PREPARE ALL SURFACES AS REQUIRED FOR NEW FINISHES
4. DOORS SHALL BE LOCATED 6" FROM PERPENDICULAR WALL PLANE ON HINGED SIDE, UNLESS NOTED OTHERWISE
5. PROVIDE SIZED WOOD BLOCKING IN WALLS FOR CABINERY, TOILET ROOM ACCESSORIES, HANDRAILS, EQUIPMENT, ETC. COORDINATE WITH ARCHITECT AND OWNER
6. ALL FLOOR MATERIAL CHANGES BETWEEN ROOMS SHALL BE FLUSH AND OCCUR AT CENTERLINE OF DOOR BY CLOSED POSITION. PROVIDE SCHEDULED EDGE TRIM WHEN ADJUTING TILE W/ DISSIMILAR MATERIALS
7. ALL FLOOR ELEVATIONS ARE MEASURED TO TOP OF FLOOR SLAB/ SHEATHING, UN O
8. SLOPE GRADE 1/8" PER FT. MIN. FOR 4" MIN. FROM PERIMETER
9. CONTRACTOR SHALL PROVIDE A TEMPLATE OFFSET TO MATCH LOCATED DIMENSION THAT EXTENDS BEYOND THE PHYSICAL SPACE AVAILABLE
10. CONTRACTOR TO PROVIDE A MINIMUM OF ONE FIRE EXTINGUISHER ON EACH LEVEL FOR THE DURATION OF CONSTRUCTION

LEGEND

	ITEMS ABOVE OR EQUIPMENT
	WALL TO BE DEMOLISHED
	EXISTING WALL TO REMAIN
	NEW WALL
	FIRE RATED WALL
	BATT INSULATION



REVIEWED
By Michael.Kyne at 12:36 pm, Dec 18, 2018

Flanagan
ARCHITECTS, AIA

8120 WOODMONT AVE., SUITE 107
BETHESDA, MD 20814
TEL (301) 652-4811

PROFESSIONAL CERTIFICATION:
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.
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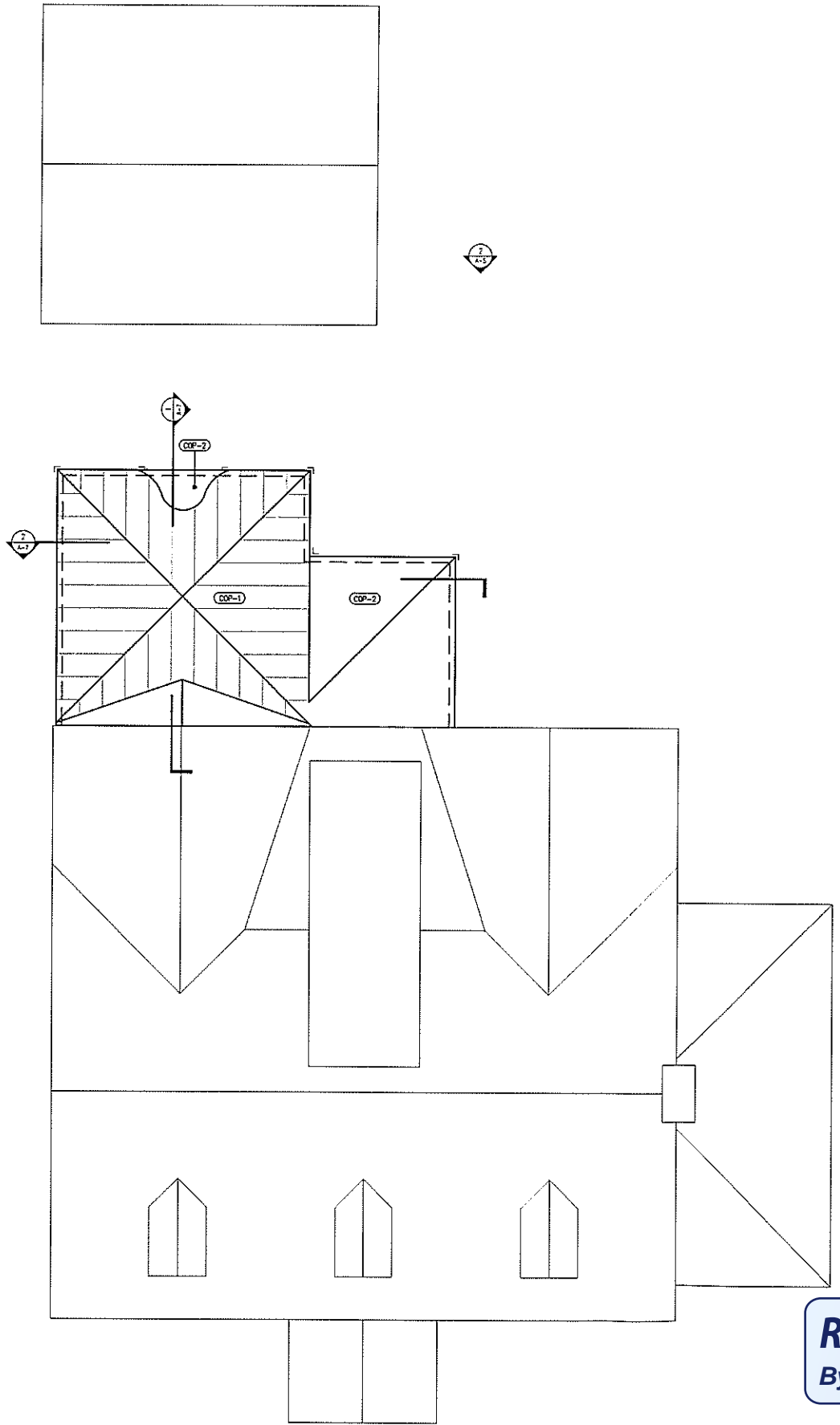
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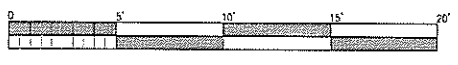
Sheet Description:
FIRST FLOOR PLAN

Project #: 180320
File:
Drawn by: JAC, C.B.
Date(s):
24 OCT '18 60 REVIEW SET
31 OCT '18 18MPT SUBMISSION

A-2



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



REVIEWED
By Michael.Kyne at 12:36 pm, Dec 18, 2018

ROOF PLAN KEYNOTES

- EXIST. ITEMS (001-004)**
- 001 EX'G ROOFING TO REMAIN B: BE REPLACED WITH NEW ROOFING, SEE EXTERIOR MATERIALS
 - 002 EX'G GUTTERS TO REMAIN B: BE REPLACED WITH NEW, SEE EXTERIOR MATERIALS
 - 003 EX'G ROOFING TO REMAIN, PATCH IN EX'G ROOF WITH NEW WHERE RECD. SEE EXTERIOR FINISH MATERIALS SCHEDULE FOR SHINGLE SELECTIONS.
 - 004 EX'G CHIMNEY
- MATERIALS (100-107)**
- 100 NEW ROOFING MATERIAL, SEE EXTERIOR FINISH MATERIALS SCHEDULE ON EXTERIOR ELEVATIONS FOR SPECIFICATIONS
 - 101 PROVIDE GRADE ICE & WEATHER SHIELD AT HATCHED AREA. SEE GENERAL ROOF NOTE #2
 - 102 NEW GUTTERS & DOWNSPOUTS, NOT SHOWN FOR CLARITY. TIP: SEE EXTERIOR MATERIALS SCHEDULE FOR MORE INFORMATION
 - 103 FLASHING AT ALL VALLEYS. SEE GENERAL ROOF NOTE #7
 - 104 FLASHING AT ALL TRANSITIONS. SEE GENERAL ROOF NOTE #8
 - 105 STEPPED FLASHING AT JUNCTURE OF SLOPED SURFACES AND WALLS. TIP
 - 106 PPE-FINISHED METAL DRIP EDGE AT ALL EAVES. TIP
 - 107 NEW POWER ROOF VENT. SEE ELEVATIONS FOR SPEC.
- DETAILS (200-204)**
- 200 NEW CHIMNEY AND FLUE TERMINATION, FLASH CAP AS RECD.
 - 201 SKYLIGHT, SEE DETAIL /DET-
 - 202
 - 203
 - 204
- MANUFACTURER ITEMS (300-309)**
- 300 RIDGE VENT:
W: WIND AMERICA
S: RIDGE MASTER PLUS
F: MATCH SHINGLES
 - 301 SNOW GUARDS:
M: S
F: F
NOTE: 24" O.C. STAGGERED H/L. PROVIDE AT ALL DEVELOPING LOCATIONS. ENDS DO NOT EXCEPT ALL LOCATIONS FOR CLARITY.
 - 302 NEW POWER ROOF VENTILATOR:
M: S
 - 303 SKYLIGHT:
W: VELUX
S: FIXED SKYLIGHT FS-6 (20"X30" P.O.)
F: STD LACQUERED ALUMINUM, NEUTRAL BROWNISH-GRAY
NOTE: INCLUDE FLASHING AND GROUNDING KIT WHERE APPLICABLE.
 - 304 DRIVER VENT CAP:
W: DEFLECT-O
S: WOOD, ROOF, ROOF CAP WITH GRID AND COLLAR
F: BLACK PLASTIC
NOTE: EXTEND TO NEAR ELEVATION ROOF WHEN POSSIBLE. PROVIDE DEFLECT-O CLOSURE DRYER EXHAUST BOOSTER (MODEL TF4) FOR LONG RUN DUCTS
 - 305 SOLAR TUBE DAYLIGHTING SYSTEM:
M: SOLARUBE
S: SOLARUBE 1/2" DIA. 10" DIAMETER
NOTE: PROVIDE STEPPED ROOF FLASHING KIT w/ OPTIONAL FLASHING INSULATOR. PROVIDE EXTENSION RISERS WHERE REQUIRED.
DIFFUSER: CLASSIC "VISION" DIFFUSER TRIM KIT
- NOTATIONS (400-407)**
- 400 DASHED LINE DENOTE OUTLINE OF WALL BELOW.
 - 401 ALL PLUMBING VENTS TO BE CONCEALED BELOW ROOF WHERE POSSIBLE AND LOCATED AT THE REAR OF HOUSE TO MINIMIZE VISIBILITY. PAINT VENT PIPE TO MATCH ROOF COLOR, TIP.
 - 402 ALL FLUES THRU ROOF TO BE ENCLOSED WITH ARCHITECTURAL MATERIALS TO MATCH HOUSE. (NO ROUND PIPES PERMITTED)
 - 403 PROVIDE A SLOPED CROCKET AT ALL VERTICAL PENETRATIONS WHETHER SHOWN ON BACS OR NOT
 - 404 SLOPE MAY BE DETERMINED IN FIELD BY CONNECTING RIDGE POINT WITH CORNER OF 1ST SECOND STORY, AS SHOWN
 - 405 SLOPE MAY BE DETERMINED IN FIELD BY CONNECTING RIDGE POINT WITH TRENCH DOWNSPOUT AND CONNECT UNDERGROUND TO SUITABLE POINT OF DISCHARGE. COORDINATE EXACT LOCATION IN FIELD.
 - 406 TRENCH DOWNSPOUT AND CONNECT UNDERGROUND TO SUITABLE POINT OF DISCHARGE. COORDINATE EXACT LOCATION IN FIELD.
 - 407 COORDINATE DRAINAGE WITH SITE DRAWINGS.

GENERAL ROOF NOTES

- 1 CONTRACTOR TO PROVIDE PPE-FINISHED METAL DRIP EDGE AT ROOF PERIMETER.
- 2 CONTRACTOR TO PROVIDE GRADE ICE & WEATHER SHIELD AT ALL EAVES AND VALLEYS FOR MIN. 30"
- 3 ALL PLUMBING VENTS SHALL EXTEND THROUGH ROOF AT REAR OF HOUSE AND BE PAINTED TO MATCH ROOF SHINGLE. TIP
- 4 SEE EXTERIOR MATERIALS FOR GUTTER AND DOWNSPOUT INFORMATION.
- 5 PROVIDE CROCKET AT ALL VERTICAL PENETRATIONS SUCH AS FIREPLACES AND JUNCTURES AT ROOF SHAPES WHERE REQUIRED TO CONTROL & DIRECT WATER FLOW
- 6 PROVIDE STEPPED FLASHING WHERE SLOPING ROOF ABUTS VERTICAL WALL AND CONTINUOUS FLASHING AT HORIZONTAL JOINTS.
PPE-FINISHED ALUM. COLOP. TO MATCH SHINGLE
X COPPER
- 7 PROVIDE FLASHING AT ALL VALLEYS.
X CONCEALED FLASHING, CLOSED CUT CALIFORNIA VALLEY FOR SHINGLES
X EXPOSED PPE-FINISHED ALUM. FLASHING, COLOR TO MATCH SHINGLE
X EXPOSED COPPER, W/ FLASHING
- 8 ALL FLUES THRU ROOF TO BE ENCLOSED WITH ARCHITECTURAL MATERIALS TO MATCH HOUSE, TIP. (NO ROUND PIPES PERMITTED)
- 9 CONTRACTOR TO PROVIDE A SHOP DRAWING INDICATING THE LOCATIONS FOR DOWNSPOUTS AND AREA OF ROOF SERVED.

LEGEND

	NEW ROOF
	EX'G ROOF
	FRAME WALL BELOW
	GRADE ICE & WEATHERSHIELD



8120 WOODMONT AVE., SUITE 107
BETHESDA, MD 20814
TEL: (301) 652-4811

PROFESSIONAL CERTIFICATION
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 #3831, exp. date 30 November 2019.

Job Name:
MCDANIEL RESIDENCE

46 GRAFTON STREET
CHEVY CHASE, MD 20815

Sheet Description:
ROOF PLAN

Project # 183500
File:
Drawn by: JMS, CBE
Date(s):
24 OCT '18 DD REVIEW SET
31 OCT '18 HAMP SUBMISSION



NO
NEW
WORK

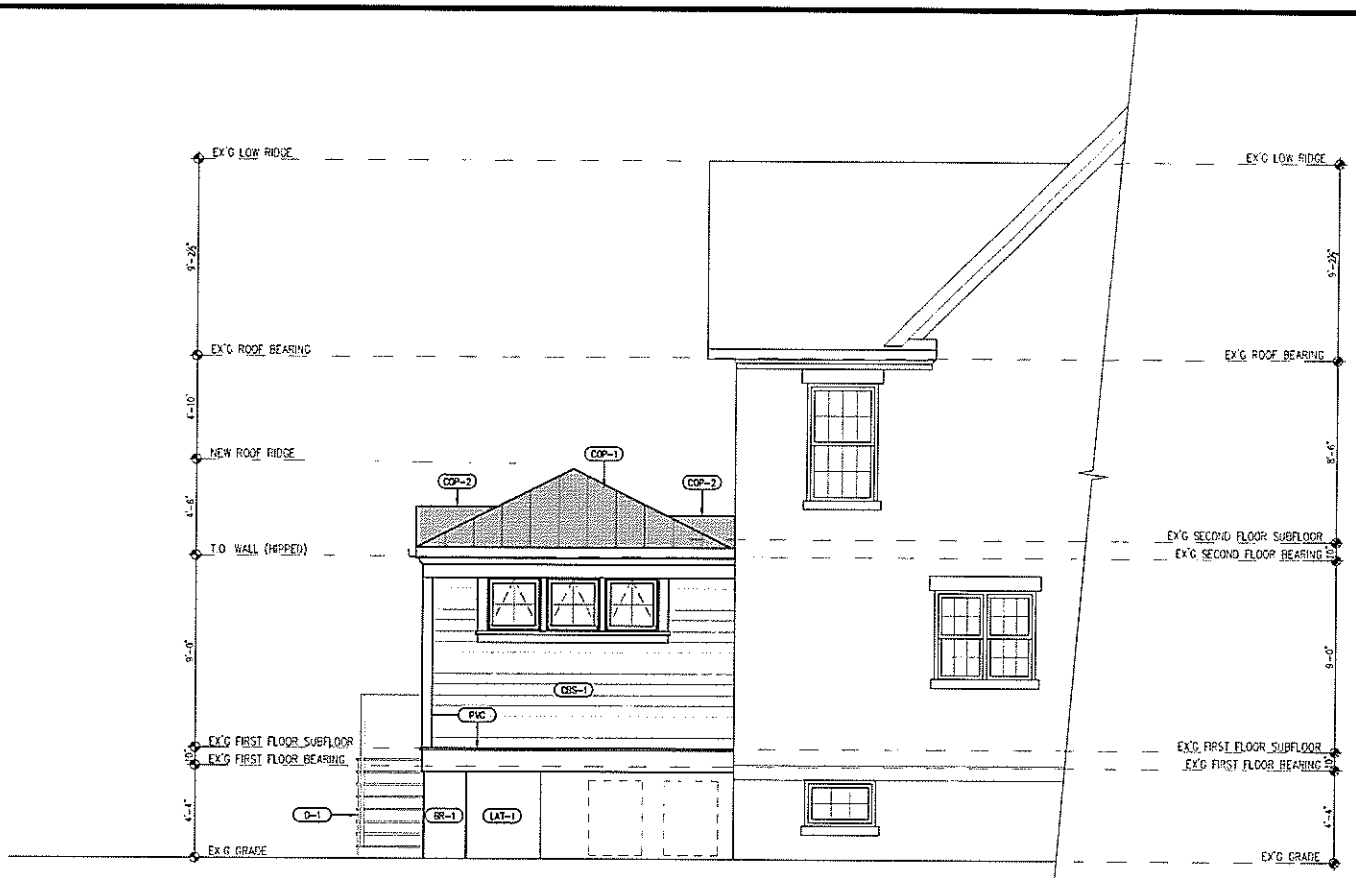
1 FRONT ELEVATION
SCALE: 1/4" = 1'-0"



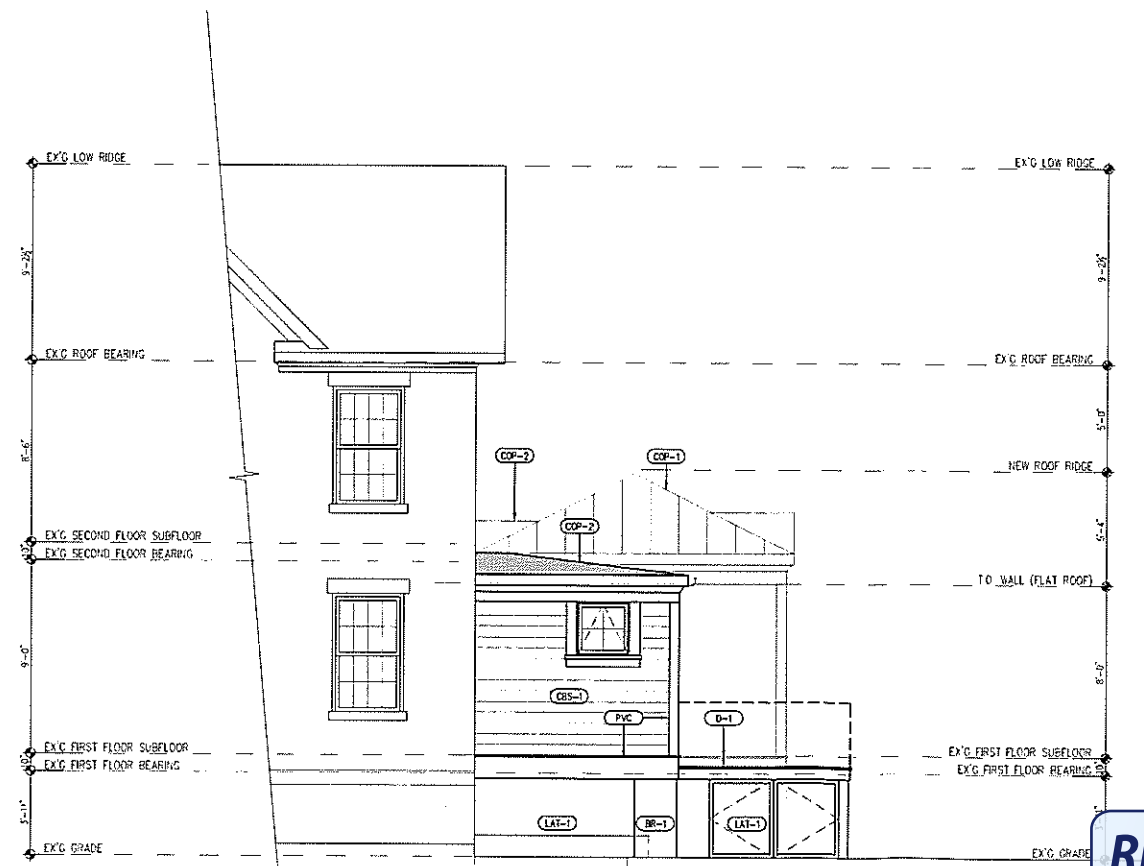
2 REAR ELEVATION
SCALE: 1/4" = 1'-0"

ELEVATION KEYNOTES

- EXG FINIS (100-100)
 - 001 EXG BRICK TO REMAIN
 - 002 EXG SIDING TO REMAIN A, REMAIN B, BE REMOVED
 - 003 EXG ROOFING TO REMAIN
 - 004 EXG BRICK TO REMAIN A, REMAIN B, BE RELOCATED
 - 005 EXG SHUTTERS TO REMAIN
 - 006 EXG SHUTTERS AND DOWNSPUTS TO REMAIN
 - 007 EXG FOUNDATION WALL TO REMAIN
 - 008 BUILDING BEYOND
 - 009 EXISTING DOOR TO REMAIN
- MATERIALS (100-100)
 - 100 PAINTED PVC TRIM AS FOLLOWS (SEE EXT. FINISH MATERIALS FOR PVC MATERIAL INFORMATION):
 - A) 1/2" x 3/4" B) 1/2" x 1" C) 1/2" x 1 1/2" D) 1/2" x 2" E) 1/2" x 2 1/2" F) 1/2" x 3" G) 1/2" x 3 1/2" H) 1/2" x 4" I) 1/2" x 4 1/2" J) 1/2" x 5" K) 1/2" x 5 1/2" L) 1/2" x 6" M) 1/2" x 6 1/2" N) 1/2" x 7" O) 1/2" x 7 1/2" P) 1/2" x 8" Q) 1/2" x 8 1/2" R) 1/2" x 9" S) 1/2" x 9 1/2" T) 1/2" x 10" U) 1/2" x 10 1/2" V) 1/2" x 11" W) 1/2" x 11 1/2" X) 1/2" x 12" Y) 1/2" x 12 1/2" Z) 1/2" x 13" AA) 1/2" x 13 1/2" AB) 1/2" x 14" AC) 1/2" x 14 1/2" AD) 1/2" x 15" AE) 1/2" x 15 1/2" AF) 1/2" x 16" AG) 1/2" x 16 1/2" AH) 1/2" x 17" AI) 1/2" x 17 1/2" AJ) 1/2" x 18" AK) 1/2" x 18 1/2" AL) 1/2" x 19" AM) 1/2" x 19 1/2" AN) 1/2" x 20" AO) 1/2" x 20 1/2" AP) 1/2" x 21" AQ) 1/2" x 21 1/2" AR) 1/2" x 22" AS) 1/2" x 22 1/2" AT) 1/2" x 23" AU) 1/2" x 23 1/2" AV) 1/2" x 24" AW) 1/2" x 24 1/2" AX) 1/2" x 25" AY) 1/2" x 25 1/2" AZ) 1/2" x 26" BA) 1/2" x 26 1/2" BB) 1/2" x 27" BC) 1/2" x 27 1/2" BD) 1/2" x 28" BE) 1/2" x 28 1/2" BF) 1/2" x 29" BG) 1/2" x 29 1/2" BH) 1/2" x 30" BI) 1/2" x 30 1/2" BJ) 1/2" x 31" BK) 1/2" x 31 1/2" BL) 1/2" x 32" BM) 1/2" x 32 1/2" BN) 1/2" x 33" BO) 1/2" x 33 1/2" BP) 1/2" x 34" BQ) 1/2" x 34 1/2" BR) 1/2" x 35" BS) 1/2" x 35 1/2" BT) 1/2" x 36" BU) 1/2" x 36 1/2" BV) 1/2" x 37" BV) 1/2" x 37 1/2" BW) 1/2" x 38" BX) 1/2" x 38 1/2" BY) 1/2" x 39" BZ) 1/2" x 39 1/2" CA) 1/2" x 40" CB) 1/2" x 40 1/2" CC) 1/2" x 41" CD) 1/2" x 41 1/2" CE) 1/2" x 42" CF) 1/2" x 42 1/2" CG) 1/2" x 43" CH) 1/2" x 43 1/2" CI) 1/2" x 44" CJ) 1/2" x 44 1/2" CK) 1/2" x 45" CL) 1/2" x 45 1/2" CM) 1/2" x 46" CN) 1/2" x 46 1/2" CO) 1/2" x 47" CP) 1/2" x 47 1/2" CQ) 1/2" x 48" CR) 1/2" x 48 1/2" CS) 1/2" x 49" CT) 1/2" x 49 1/2" CU) 1/2" x 50" CV) 1/2" x 50 1/2" CW) 1/2" x 51" CX) 1/2" x 51 1/2" CY) 1/2" x 52" CZ) 1/2" x 52 1/2" DA) 1/2" x 53" DB) 1/2" x 53 1/2" DC) 1/2" x 54" DD) 1/2" x 54 1/2" DE) 1/2" x 55" DF) 1/2" x 55 1/2" DG) 1/2" x 56" DH) 1/2" x 56 1/2" DI) 1/2" x 57" DJ) 1/2" x 57 1/2" DK) 1/2" x 58" DL) 1/2" x 58 1/2" DM) 1/2" x 59" DN) 1/2" x 59 1/2" DO) 1/2" x 60" DP) 1/2" x 60 1/2" DQ) 1/2" x 61" DR) 1/2" x 61 1/2" DS) 1/2" x 62" DT) 1/2" x 62 1/2" DU) 1/2" x 63" DV) 1/2" x 63 1/2" DV) 1/2" x 63 1/2" DW) 1/2" x 64" DX) 1/2" x 64 1/2" DY) 1/2" x 65" DZ) 1/2" x 65 1/2" EA) 1/2" x 66" EB) 1/2" x 66 1/2" EC) 1/2" x 67" ED) 1/2" x 67 1/2" EE) 1/2" x 68" EF) 1/2" x 68 1/2" EG) 1/2" x 69" EH) 1/2" x 69 1/2" EI) 1/2" x 70" EJ) 1/2" x 70 1/2" EK) 1/2" x 71" EL) 1/2" x 71 1/2" EM) 1/2" x 72" EN) 1/2" x 72 1/2" EO) 1/2" x 73" EP) 1/2" x 73 1/2" EQ) 1/2" x 74" ER) 1/2" x 74 1/2" ES) 1/2" x 75" ET) 1/2" x 75 1/2" EU) 1/2" x 76" EV) 1/2" x 76 1/2" EV) 1/2" x 76 1/2" EW) 1/2" x 77" EX) 1/2" x 77 1/2" EX) 1/2" x 77 1/2" EY) 1/2" x 78" EZ) 1/2" x 78 1/2" FA) 1/2" x 79" FB) 1/2" x 79 1/2" FC) 1/2" x 80" FD) 1/2" x 80 1/2" FE) 1/2" x 81" FF) 1/2" x 81 1/2" FG) 1/2" x 82" FH) 1/2" x 82 1/2" FI) 1/2" x 83" FJ) 1/2" x 83 1/2" FK) 1/2" x 84" FL) 1/2" x 84 1/2" FM) 1/2" x 85" FN) 1/2" x 85 1/2" FO) 1/2" x 86" FP) 1/2" x 86 1/2" FQ) 1/2" x 87" FR) 1/2" x 87 1/2" FS) 1/2" x 88" FT) 1/2" x 88 1/2" FT) 1/2" x 88 1/2" FU) 1/2" x 89" FV) 1/2" x 89 1/2" FV) 1/2" x 89 1/2" FW) 1/2" x 90" FX) 1/2" x 90 1/2" FX) 1/2" x 90 1/2" FY) 1/2" x 91" FZ) 1/2" x 91 1/2" GA) 1/2" x 92" GB) 1/2" x 92 1/2" GC) 1/2" x 93" GD) 1/2" x 93 1/2" GE) 1/2" x 94" GF) 1/2" x 94 1/2" GH) 1/2" x 95" GI) 1/2" x 95 1/2" GJ) 1/2" x 96" GK) 1/2" x 96 1/2" GL) 1/2" x 97" GM) 1/2" x 97 1/2" GN) 1/2" x 98" GO) 1/2" x 98 1/2" GP) 1/2" x 99" GQ) 1/2" x 99 1/2" GR) 1/2" x 100" GS) 1/2" x 100 1/2" GT) 1/2" x 101" GU) 1/2" x 101 1/2" GV) 1/2" x 102" GV) 1/2" x 102 1/2" GW) 1/2" x 103" GX) 1/2" x 103 1/2" GX) 1/2" x 103 1/2" GY) 1/2" x 104" GZ) 1/2" x 104 1/2" HA) 1/2" x 105" HB) 1/2" x 105 1/2" HC) 1/2" x 106" HD) 1/2" x 106 1/2" HE) 1/2" x 107" HF) 1/2" x 107 1/2" HG) 1/2" x 108" HH) 1/2" x 108 1/2" HI) 1/2" x 109" HJ) 1/2" x 109 1/2" HK) 1/2" x 110" HL) 1/2" x 110 1/2" HM) 1/2" x 111" HN) 1/2" x 111 1/2" HO) 1/2" x 112" HP) 1/2" x 112 1/2" HQ) 1/2" x 113" HR) 1/2" x 113 1/2" HS) 1/2" x 114" HT) 1/2" x 114 1/2" HU) 1/2" x 115" HV) 1/2" x 115 1/2" HV) 1/2" x 115 1/2" HW) 1/2" x 116" HX) 1/2" x 116 1/2" HY) 1/2" x 117" HZ) 1/2" x 117 1/2" IA) 1/2" x 118" IB) 1/2" x 118 1/2" IC) 1/2" x 119" ID) 1/2" x 119 1/2" IE) 1/2" x 120" IF) 1/2" x 120 1/2" IG) 1/2" x 121" IH) 1/2" x 121 1/2" II) 1/2" x 122" IJ) 1/2" x 122 1/2" IK) 1/2" x 123" IL) 1/2" x 123 1/2" IM) 1/2" x 124" IN) 1/2" x 124 1/2" IO) 1/2" x 125" IP) 1/2" x 125 1/2" IQ) 1/2" x 126" IR) 1/2" x 126 1/2" IS) 1/2" x 127" IT) 1/2" x 127 1/2" IU) 1/2" x 128" IV) 1/2" x 128 1/2" IV) 1/2" x 128 1/2" IW) 1/2" x 129" IX) 1/2" x 129 1/2" IX) 1/2" x 129 1/2" IY) 1/2" x 130" IZ) 1/2" x 130 1/2" JA) 1/2" x 131" JB) 1/2" x 131 1/2" JC) 1/2" x 132" JD) 1/2" x 132 1/2" JE) 1/2" x 133" JF) 1/2" x 133 1/2" JG) 1/2" x 134" JH) 1/2" x 134 1/2" JI) 1/2" x 135" JJ) 1/2" x 135 1/2" JK) 1/2" x 136" JL) 1/2" x 136 1/2" JM) 1/2" x 137" JN) 1/2" x 137 1/2" JO) 1/2" x 138" JP) 1/2" x 138 1/2" JQ) 1/2" x 139" JR) 1/2" x 139 1/2" JS) 1/2" x 140" JT) 1/2" x 140 1/2" JU) 1/2" x 141" JV) 1/2" x 141 1/2" JV) 1/2" x 141 1/2" JW) 1/2" x 142" JX) 1/2" x 142 1/2" JY) 1/2" x 143" JZ) 1/2" x 143 1/2" KA) 1/2" x 144" KB) 1/2" x 144 1/2" KC) 1/2" x 145" KD) 1/2" x 145 1/2" KE) 1/2" x 146" KF) 1/2" x 146 1/2" KG) 1/2" x 147" KH) 1/2" x 147 1/2" KI) 1/2" x 148" KJ) 1/2" x 148 1/2" KK) 1/2" x 149" KL) 1/2" x 149 1/2" KM) 1/2" x 150" KN) 1/2" x 150 1/2" KO) 1/2" x 151" KP) 1/2" x 151 1/2" KQ) 1/2" x 152" KR) 1/2" x 152 1/2" KS) 1/2" x 153" KT) 1/2" x 153 1/2" KU) 1/2" x 154" KV) 1/2" x 154 1/2" KV) 1/2" x 154 1/2" KW) 1/2" x 155" KX) 1/2" x 155 1/2" KY) 1/2" x 156" KZ) 1/2" x 156 1/2" LA) 1/2" x 157" LB) 1/2" x 157 1/2" LC) 1/2" x 158" LD) 1/2" x 158 1/2" LE) 1/2" x 159" LF) 1/2" x 159 1/2" LG) 1/2" x 160" LH) 1/2" x 160 1/2" LI) 1/2" x 161" LJ) 1/2" x 161 1/2" LK) 1/2" x 162" LL) 1/2" x 162 1/2" LM) 1/2" x 163" LN) 1/2" x 163 1/2" LO) 1/2" x 164" LP) 1/2" x 164 1/2" LQ) 1/2" x 165" LR) 1/2" x 165 1/2" LS) 1/2" x 166" LT) 1/2" x 166 1/2" LU) 1/2" x 167" LV) 1/2" x 167 1/2" LV) 1/2" x 167 1/2" LW) 1/2" x 168" LX) 1/2" x 168 1/2" LY) 1/2" x 169" LZ) 1/2" x 169 1/2" MA) 1/2" x 170" MB) 1/2" x 170 1/2" MC) 1/2" x 171" MD) 1/2" x 171 1/2" ME) 1/2" x 172" MF) 1/2" x 172 1/2" MG) 1/2" x 173" MH) 1/2" x 173 1/2" MI) 1/2" x 174" MJ) 1/2" x 174 1/2" MK) 1/2" x 175" ML) 1/2" x 175 1/2" MN) 1/2" x 176" MO) 1/2" x 176 1/2" MP) 1/2" x 177" MQ) 1/2" x 177 1/2" MR) 1/2" x 178" MS) 1/2" x 178 1/2" MT) 1/2" x 179" MU) 1/2" x 179 1/2" MV) 1/2" x 180" MV) 1/2" x 180 1/2" MW) 1/2" x 181" MX) 1/2" x 181 1/2" MY) 1/2" x 182" MZ) 1/2" x 182 1/2" NA) 1/2" x 183" NB) 1/2" x 183 1/2" NC) 1/2" x 184" ND) 1/2" x 184 1/2" NE) 1/2" x 185" NF) 1/2" x 185 1/2" NG) 1/2" x 186" NH) 1/2" x 186 1/2" NI) 1/2" x 187" NJ) 1/2" x 187 1/2" NK) 1/2" x 188" NL) 1/2" x 188 1/2" NM) 1/2" x 189" NO) 1/2" x 189 1/2" NP) 1/2" x 190" NP) 1/2" x 190 1/2" NQ) 1/2" x 191" NR) 1/2" x 191 1/2" NS) 1/2" x 192" NT) 1/2" x 192 1/2" NU) 1/2" x 193" NV) 1/2" x 193 1/2" NV) 1/2" x 193 1/2" NW) 1/2" x 194" NX) 1/2" x 194 1/2" NY) 1/2" x 195" NZ) 1/2" x 195 1/2" OA) 1/2" x 196" OB) 1/2" x 196 1/2" OC) 1/2" x 197" OD) 1/2" x 197 1/2" OE) 1/2" x 198" OF) 1/2" x 198 1/2" OG) 1/2" x 199" OH) 1/2" x 199 1/2" OI) 1/2" x 200" OJ) 1/2" x 200 1/2" OK) 1/2" x 201" OL) 1/2" x 201 1/2" OM) 1/2" x 202" ON) 1/2" x 202 1/2" OO) 1/2" x 203" OP) 1/2" x 203 1/2" OQ) 1/2" x 204" OR) 1/2" x 204 1/2" OS) 1/2" x 205" OT) 1/2" x 205 1/2" OU) 1/2" x 206" OV) 1/2" x 206 1/2" OV) 1/2" x 206 1/2" OW) 1/2" x 207" OX) 1/2" x 207 1/2" OY) 1/2" x 208" OZ) 1/2" x 208 1/2" PA) 1/2" x 209" PB) 1/2" x 209 1/2" PC) 1/2" x 210" PD) 1/2" x 210 1/2" PE) 1/2" x 211" PF) 1/2" x 211 1/2" PG) 1/2" x 212" PH) 1/2" x 212 1/2" PI) 1/2" x 213" PJ) 1/2" x 213 1/2" PK) 1/2" x 214" PL) 1/2" x 214 1/2" PM) 1/2" x 215" PN) 1/2" x 215 1/2" PO) 1/2" x 216" PP) 1/2" x 216 1/2" PQ) 1/2" x 217" PR) 1/2" x 217 1/2" PS) 1/2" x 218" PT) 1/2" x 218 1/2" PU) 1/2" x 219" PV) 1/2" x 219 1/2" PV) 1/2" x 219 1/2" PW) 1/2" x 220" PX) 1/2" x 220 1/2" PY) 1/2" x 221" PZ) 1/2" x 221 1/2" QA) 1/2" x 222" QB) 1/2" x 222 1/2" QC) 1/2" x 223" QD) 1/2" x 223 1/2" QE) 1/2" x 224" QF) 1/2" x 224 1/2" QG) 1/2" x 225" QH) 1/2" x 225 1/2" QI) 1/2" x 226" QJ) 1/2" x 226 1/2" QK) 1/2" x 227" QL) 1/2" x 227 1/2" QM) 1/2" x 228" QN) 1/2" x 228 1/2" QO) 1/2" x 229" QP) 1/2" x 229 1/2" QQ) 1/2" x 230" QR) 1/2" x 230 1/2" QS) 1/2" x 231" QT) 1/2" x 231 1/2" QU) 1/2" x 232" QV) 1/2" x 232 1/2" QV) 1/2" x 232 1/2" QW) 1/2" x 233" QX) 1/2" x 233 1/2" QY) 1/2" x 234" QZ) 1/2" x 234 1/2" RA) 1/2" x 235" RB) 1/2" x 235 1/2" RC) 1/2" x 236" RD) 1/2" x 236 1/2" RE) 1/2" x 237" RF) 1/2" x 237 1/2" RG) 1/2" x 238" RH) 1/2" x 238 1/2" RI) 1/2" x 239" RJ) 1/2" x 239 1/2" RK) 1/2" x 240" RL) 1/2" x 240 1/2" RM) 1/2" x 241" RN) 1/2" x 241 1/2" RO) 1/2" x 242" RP) 1/2" x 242 1/2" RQ) 1/2" x 243" RR) 1/2" x 243 1/2" RS) 1/2" x 244" RT) 1/2" x 244 1/2" RU) 1/2" x 245" RV) 1/2" x 245 1/2" RV) 1/2" x 245 1/2" RW) 1/2" x 246" RX) 1/2" x 246 1/2" RY) 1/2" x 247" RZ) 1/2" x 247 1/2" SA) 1/2" x 248" SB) 1/2" x 248 1/2" SC) 1/2" x 249" SD) 1/2" x 249 1/2" SE) 1/2" x 250" SF) 1/2" x 250 1/2" SG) 1/2" x 251" SH) 1/2" x 251 1/2" SI) 1/2" x 252" SJ) 1/2" x 252 1/2" SK) 1/2" x 253" SL) 1/2" x 253 1/2" SM) 1/2" x 254" SN) 1/2" x 254 1/2" SO) 1/2" x 255" SP) 1/2" x 255 1/2" SQ) 1/2" x 256" SR) 1/2" x 256 1/2" SS) 1/2" x 257" ST) 1/2" x 257 1/2" SU) 1/2" x 258" SV) 1/2" x 258 1/2" SV) 1/2" x 258 1/2" SW) 1/2" x 259" SX) 1/2" x 259 1/2" SY) 1/2" x 260" SZ) 1/2" x 260 1/2" TA) 1/2" x 261" TB) 1/2" x 261 1/2" TC) 1/2" x 262" TD) 1/2" x 262 1/2" TE) 1/2" x 263" TF) 1/2" x 263 1/2" TG) 1/2" x 264" TH) 1/2" x 264 1/2" TI) 1/2" x 265" TJ) 1/2" x 265 1/2" TK) 1/2" x 266" TL) 1/2" x 266 1/2" TM) 1/2" x 267" TN) 1/2" x 267 1/2" TO) 1/2" x 268" TP) 1/2" x 268 1/2" TP) 1/2" x 268 1/2" TQ) 1/2" x 269" TR) 1/2" x 269 1/2" TS) 1/2" x 270" TT) 1/2" x 270 1/2" TU) 1/2" x 271" TV) 1/2" x 271 1/2" TV) 1/2" x 271 1/2" TW) 1/2" x 272" TX) 1/2" x 272 1/2" TY) 1/2" x 273" TZ) 1/2" x 273 1/2" UA) 1/2" x 274" UB) 1/2" x 274 1/2" UC) 1/2" x 275" UD) 1/2" x 275 1/2" UE) 1/2" x 276" UF) 1/2" x 276 1/2" UG) 1/2" x 277" UH) 1/2" x 277 1/2" UI) 1/2" x 278" UJ) 1/2" x 278 1/2" UK) 1/2" x 279" UL) 1/2" x 279 1/2" UM) 1/2" x 280" UN) 1/2" x 280 1/2" UO) 1/2" x 281" UP) 1/2" x 281 1/2" UQ) 1/2" x 282" UR) 1/2" x 282 1/2" US) 1/2" x 283" UT) 1/2" x 283 1/2" UV) 1/2" x 284" UV) 1/2" x 284 1/2" UW) 1/2" x 285" UX) 1/2" x 285 1/2" UY) 1/2" x 286" UZ) 1/2" x 286 1/2" VA) 1/2" x 287" VB) 1/2" x 287 1/2" VC) 1/2" x 288" VD) 1/2" x 288 1/2" VE) 1/2" x 289" VF) 1/2" x 289 1/2" VG) 1/2" x 290" VH) 1/2" x 290 1/2" VI) 1/2" x 291" VJ) 1/2" x 291 1/2" VK) 1/2" x 292" VL) 1/2" x 292 1/2" VM) 1/2" x 293" VN) 1/2" x 293 1/2" VO) 1/2" x 294" VP) 1/2" x 294 1/2" VQ) 1/2" x 295" VR) 1/2" x 295 1/2" VS) 1/2" x 296" VT) 1/2" x 296 1/2" VU) 1/2" x 297" VV) 1/2" x 297 1/2" VV) 1/2" x 297 1/2" VW) 1/2" x 298" VX) 1/2" x 298 1/2" VY) 1/2" x 299" VZ) 1/2" x 299 1/2" WA) 1/2" x 300" WB) 1/2" x 300 1/2" WC) 1/2" x 301" WD) 1/2" x 301 1/2" WE) 1/2" x 302" WF) 1/2" x 302 1/2" WG) 1/2" x 303" WH) 1/2" x 303 1/2" WI) 1/2" x 304" WJ) 1/2" x 304 1/2" WK) 1/2" x 305" WL) 1/2" x 305 1/2" WM) 1/2" x 306" WN) 1/2" x 306 1/2" WO) 1/2" x 307" WP) 1/2" x 307 1/2" WQ) 1/2" x 308" WR) 1/2" x 308 1/2" WS) 1/2" x 309" WT) 1/2" x 309 1/2" WU) 1/2" x 310" WV) 1/2" x 310 1/2" WV) 1/2" x 310 1/2" WX) 1/2" x 311" WY) 1/2" x 311 1/2" WZ) 1/2" x 312" XA) 1/2" x 313" XB) 1/2" x 313 1/2" XC) 1/2" x 314" XD) 1/2" x 314 1/2" XE) 1/2" x 315" XF) 1/2" x 315 1/2" XG) 1/2" x 316" XH) 1/2" x 316 1/2" XI) 1/2" x 317" XJ) 1/2" x 317 1/2" XK) 1/2" x 318" XL) 1/2" x 318 1/2" XM) 1/2" x 319" XN) 1/2" x 319 1/2" XO) 1/2" x 320" XP) 1/2" x 320 1/2" XQ) 1/2" x 321" XR) 1/2" x 321 1/2" XS) 1/2" x 322" XT) 1/2" x 322 1/2" XU) 1/2" x 323" XV) 1/2" x 323 1/2" XV) 1/2" x 323 1/2" XW) 1/2" x 324" XX) 1/2" x 324 1/2" XY) 1/2" x 325" XZ) 1/2" x 325 1/2" YA) 1/2" x 326" YB) 1/2" x 326 1/2" YC) 1/2" x 327" YD) 1/2" x 327 1/2" YE) 1/2" x 328" YF) 1/2" x 328 1/2" YG) 1/2" x 329" YH) 1/2" x 329 1/2" YI) 1/2" x 330" YJ) 1/2" x 330 1/2" YK) 1/2" x 331" YL) 1/2" x 331 1/2" YM) 1/2" x 332" YN) 1/2" x 332 1/2" YO) 1/2" x 333" YP) 1/2" x 333 1/2" YQ) 1/2" x 334" YR) 1/2" x 334 1/2" YS) 1/2" x 335" YT) 1/2" x 335 1/2" YU) 1/2" x 336" YV) 1/2" x 336 1/2" YV) 1/2" x 336 1/2" YW) 1/2" x 337" YX) 1/2" x 337 1/2" YY) 1/2" x 338" YZ) 1/2" x 338 1/2" ZA) 1/2" x 339" ZB) 1/2" x 339 1/2" ZC) 1/2" x 340" ZD) 1/2" x 340 1/2" ZE) 1/2" x 341" ZF) 1/2" x 341 1/2" ZG) 1/2" x 342" ZH) 1/2" x 342 1/2" ZI) 1/2" x 343" ZJ) 1/2" x 343 1/2" ZK) 1/2" x 344" ZL) 1/2" x 344 1/2" ZM) 1/2" x 345" ZN) 1/2" x 345 1/2" ZO) 1/2" x 346" ZP) 1/2" x 346 1/2" ZQ) 1/2" x 347" ZR) 1/2" x 347 1/2" ZS) 1/2" x 348" ZT) 1/2" x 348 1/2" ZU) 1/2" x 349" ZV) 1/2" x 349 1/2" ZV) 1/2" x 349 1/2" ZW) 1/2" x 350" ZX) 1/2" x 350 1/2" ZY) 1/2" x 351" ZZ) 1/2" x 351 1/2" AA) 1/2" x 352" AB) 1/2" x 352 1/2" AC) 1/2" x 353" AD) 1/2" x 353 1/2" AE) 1/2" x 354" AF) 1/2" x 354 1/2" AG) 1/2" x 355" AH) 1/2" x 355 1/2" AI) 1/2" x 356" AJ) 1/2" x 356 1/2" AK) 1/2" x 357" AL) 1/2" x 357 1/2" AM) 1/2" x 358" AN) 1/2" x 358 1/2" AO) 1/2" x 359" AP) 1/2" x 359 1/2" AQ) 1/2" x 360" AR) 1/2" x 360 1/2" AS) 1/2" x 361" AT) 1/2" x 361 1/2" AU) 1/2" x 362" AV) 1/2" x 362 1/2"



1 LEFT ELEVATION
 A-6 SCALE: 1/4" = 1'-0"



2 RIGHT ELEVATION
 A-6 SCALE: 1/4" = 1'-0"

ELEVATION KEYNOTES

- EX'G ITEMS (001-009)**
- 001 EX'G BRICK TO REMAIN
 - 002 EX'G SIDING TO REMAIN A. REMAIN B. BE REMOVED
 - 003 EX'G ROOFING TO REMAIN
 - 004 EX'G BRICK TO REMAIN A. REMAIN B. BE RELOCATED
 - 005 EX'G SHUTTERS TO REMAIN
 - 006 EX'G GUTTERS AND DOWNSPOUTS TO REMAIN
 - 007 EX'G FOUNDATION WALL TO REMAIN
 - 008 BUILDING BEYOND
 - 009 EXISTING DOOR TO REMAIN
- MATERIALS (100-199)**
- 100 PAINTED PVC TRIM AS FOLLOWS (SEE EXT. FINISH MATERIALS FOR PVC MATERIAL INFORMATION):
 A) 1/2" x 1/2" x 1/2" B) 1/2" x 1/2" x 1/2" C) 1/2" x 1/2" x 1/2" D) 1/2" x 1/2" x 1/2" E) 1/2" x 1/2" x 1/2"
 F) 1/2" x 1/2" x 1/2" G) 1/2" x 1/2" x 1/2" H) 1/2" x 1/2" x 1/2" I) 1/2" x 1/2" x 1/2"
 J) 1/2" x 1/2" x 1/2" K) 1/2" x 1/2" x 1/2" L) 1/2" x 1/2" x 1/2" M) 1/2" x 1/2" x 1/2"
 N) 1/2" x 1/2" x 1/2" O) 1/2" x 1/2" x 1/2" P) 1/2" x 1/2" x 1/2" Q) 1/2" x 1/2" x 1/2"
 R) 1/2" x 1/2" x 1/2" S) 1/2" x 1/2" x 1/2" T) 1/2" x 1/2" x 1/2" U) 1/2" x 1/2" x 1/2"
 V) 1/2" x 1/2" x 1/2" W) 1/2" x 1/2" x 1/2" X) 1/2" x 1/2" x 1/2" Y) 1/2" x 1/2" x 1/2"
 Z) 1/2" x 1/2" x 1/2"
 - 101 PAINTED PVC TRIM AS FOLLOWS (SEE EXT. FINISH MATERIALS FOR PVC MATERIAL INFORMATION):
 A) 1/2" x 1/2" x 1/2" B) 1/2" x 1/2" x 1/2" C) 1/2" x 1/2" x 1/2" D) 1/2" x 1/2" x 1/2"
 E) 1/2" x 1/2" x 1/2" F) 1/2" x 1/2" x 1/2" G) 1/2" x 1/2" x 1/2" H) 1/2" x 1/2" x 1/2"
 I) 1/2" x 1/2" x 1/2" J) 1/2" x 1/2" x 1/2" K) 1/2" x 1/2" x 1/2" L) 1/2" x 1/2" x 1/2"
 M) 1/2" x 1/2" x 1/2" N) 1/2" x 1/2" x 1/2" O) 1/2" x 1/2" x 1/2" P) 1/2" x 1/2" x 1/2"
 Q) 1/2" x 1/2" x 1/2" R) 1/2" x 1/2" x 1/2" S) 1/2" x 1/2" x 1/2" T) 1/2" x 1/2" x 1/2"
 U) 1/2" x 1/2" x 1/2" V) 1/2" x 1/2" x 1/2" W) 1/2" x 1/2" x 1/2" X) 1/2" x 1/2" x 1/2"
 Y) 1/2" x 1/2" x 1/2" Z) 1/2" x 1/2" x 1/2"
 - 102 AZN-6530 PVC GILL LOCATED AT B.D. WINDOW EXTEND 1" BEYOND TRIM AT SIDES, TOP. SEE PVC MATERIAL INFORMATION & EXT. FINISH MATERIALS
 - 103 CONCEALED FLASHING TYPICAL AT ALL ROOF/STONE AND ROOF/STONE CONNECTIONS WHETHER HORIZONTAL OR VERT
 - 104 ROWLOCK BRICK SILL, WITH BRICK WHERE SILL TURNING CORNER
 - 105 FLASHING PAVERS OVER CONCRETE AT STOOD & STEPS
 - 106 FOUNDATION SEE STRUCTURAL DGS
 - 107 NEW WINDOW UNIT SEE WINDOW SCHEDULE
 - 108 CONTINUOUS SINGLE-COATED RIDGE VENT. SEE ROOF PLAN
 - 109 NEW DOOR UNIT SEE DOOR SCHEDULE
 - 110 NEW ELECTRIC LIGHT FIXTURE. SEE ELEC DRAWINGS
 - 111 2x4x PVC CORNERBOARD, SMOOTH FINISH. SEE EXT. MATERIALS FOR PVC INFORMATION
 - 112 SKYLIGHT. SEE ROOF PLAN
- DETAILS (200-299)**
- 200 WINDOW. SEE DETAIL /DET-
 - 201 3/8" WOOD QUARDRILL. SEE DETAIL /DET-
 - 202 PLASTER. SEE DETAIL /DET-
 - 203 WELD-BOLT COLUMN. SEE DETAIL /DET-
 - 204 ENTRY PORCH. SEE DETAIL /DET-
 - 205 PORCH
 A. SPRINKLED. SEE DETAIL /DET-
 B. OPEN. SEE DETAIL /DET-
 - 206 INTERIOR PORCH ELEVATION. SEE DETAIL /DET-

EXTERIOR FINISH MATERIALS

- BR-1 BRICK**
 MAKE: MATCH EX'G
 STYLE: MATCH EX'G
 FINISH: MATCH EX'G COLOR, SIZE & TEXTURE JOINT
 NOTE: MATCH JOINT TYPE, WIDTH & COLOR
- COP-1 COPPER ROOFING - SHINGLES**
 MAKE: JAMES HARDIE SHING PRODUCTS
 STYLE: 2" BRICK HATCH PANEL SMOOTH, 4x8
 FINISH: PL-4
 NOTE: SEE DETAIL
 ALL PARTS TO BE CONCEALED BY TRIM
- COP-2 COPPER ROOFING - SOLID SHEET**
 MAKE: ANY
 STYLE: SOLID SHEET
 FINISH: NATURAL
 NOTE: PROVIDE (1) LAYER OF "GRADE ULTRA" HIGH TEMPERATURE WATERPROOF MEMBRANE THROUGHOUT
 USE ONLY COPPER NAILS AND WASHERS.
 PROVIDE COPPER W/ CAPS AND COPPER DRIP EDGES/FLASHING
- COP-3 COPPER ROOFING - SOLID SHEET**
 MAKE: ANY
 STYLE: SOLID SHEET
 FINISH: NATURAL
 NOTE: PROVIDE (1) LAYER OF "GRADE ULTRA" HIGH TEMPERATURE WATERPROOF MEMBRANE THROUGHOUT
 USE ONLY COPPER NAILS AND WASHERS.
 PROVIDE COPPER W/ CAPS AND COPPER DRIP EDGES/FLASHING
- D-1 DECKING**
 MAKE: PINE NATURAL WOOD
 STYLE: 2" x 6"
 FINISH: PENULTI U/V SEALER FOR HARDWOOD
 NOTE: CONCEALED FASTENERS
- FL-1 FLASHING (TO MATCH EX'G)**
 MAKE: FLANGED FOSBER NATURAL LEFT FIELD
 STYLE: 2" THICK GAUGED WHERE EDGE IS EXPOSED
 COLOR: BLUES, GREYS AND BROWN RANGE
- GAD-1 GUTTERS & DOWNSPOUTS (COPPER)**
 (OVERWOOD)
 MAKE: ANY
 STYLE: SEAMLESS OZEE PROFILE, COPPER, 6" K-STYLE GUTTER WITH 3"x4" DOWNSPOUT
 NOTE: PROVIDE GUTTER LEAF SHIELD. SEE DETAIL G/DET-1. CONTRACTOR TO REVEAL LOCATION OF DOWNSPOUTS WITH ARCHITECT FOR APPROVAL PRIOR TO INSTALLING. SUBMIT FRESHMAN DRAWING OVER ELEVATION.
- LAT-1 LATHING (PVC)**
 MAKE: ANY
 STYLE: PVC
 FINISH: PL-6
- PL-1 PAINT (EXTERIOR)**
 MAKE: SHERWIN WILLIAMS OR EQUAL
 STYLE: DURAFON EXTERIOR LATEX HOUSE PAINT
 FINISH: 1 COAT PRIMER, 2 FINISH COATS SATIN FINISH
 COLOR: TO BE SELECTED BY OWNER/ARCHITECT
- PL-2 PAINT (PVC SURFACES)**
 MAKE: SHERWIN WILLIAMS
 STYLE: S-W SUPERPAINT VINYL/SATE EXTERIOR LATEX SATIN FINISH
 FINISH: 1 COAT PRIMER, 2 FINISH COATS
 COLOR: TO BE SELECTED BY OWNER/ARCHITECT
- PVC PVC IN TRIM, 3/4" TRIM & MOLDINGS**
 MAKE: VITCOF OR EQUAL
 STYLE: AZEK
 FINISH: PAINTED PL-5
 NOTE: [SEE DETAIL /DET-]



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Flanagan ARCHITECTS, AIA
 8120 WOODMOUNT AVE. SUITE 107
 BETHESDA, MD 20814
 TEL. (301) 652-4811

PROFESSIONAL LEGISLATION
 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 #8831, exp. date 30 November 2018

Job Name
MCDANIEL RESIDENCE

45 GRAFTON STREET
 CHEVY CHASE, MD 20815

Sheet Description
**LEFT ELEVATION
 RIGHT ELEVATION**

Project # 162300
 Date: ***
 Drawn by: J.M.C. C.D.
 Date(s):
 24 OCT '16 DD REVIEW SET
 31 OCT '16 HMP SUBMISSION

A-6



SECTION 08 52 13.10
ALUMINUM-CLAD-WOOD WINDOWS AND PATIO DOORS
JELD-WEN® Sitrine Series

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Aluminum-Clad-Wood Windows and Patio Doors: ~~[Awning windows] [Casement windows] [Double-hung windows] [Horizontal sliding windows (Sitrine EX)] [Radius and geometric windows] [In-swing patio doors] [Out-swing patio doors] [Sliding patio doors]~~

1.2 REFERENCES

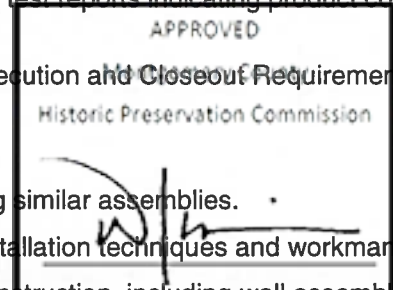
- A. Window and Door Manufacturers Association (WDMA):
 1. AAMA/WDMA/CSA 101/I.S.2/A440 – North American Fenestration Standard/Specification for windows, doors, and skylights (NAFS)
 2. WDMA I.S.4; Water Repellent Preservative Non-Pressure treatment for Millwork
- B. National Fenestration Rating Council (NFRC):
 1. NFRC 100 - Procedure for Determining Fenestration Product U-Factors.
 2. NFRC 200 – Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence.

1.3 SUBMITTALS

- A. Submit under provisions of Section 0 13 00 – Administrative Requirements.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 1. Preparation instructions and recommendations.
 2. Storage and handling requirements and recommendations.
 3. Installation methods.
- C. Shop Drawings: Submit shop drawings indicating details of construction, flashings and relationship with adjacent construction.
- D. Selection Samples: For each factory-finished product specified, two complete sets of color chips representing manufacturer's full range of available finishes.
- E. Verification Samples: For each factory-finished product specified, two samples, minimum size 6 inches (150 mm) square, representing actual finishes.
- F. Design Data, Test Reports: Provide manufacturer test reports indicating product compliance with indicated requirements.
- G. Closeout Submittals: Refer to Section 0 17 00 Execution and Closeout Requirements Closeout Submittals.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 2 years installing similar assemblies.
- B. Mock-Up: Provide a mock-up for evaluation of installation techniques and workmanship.
 1. Mock-ups shall incorporate surrounding construction, including wall assembly fasteners, flashing, and other related accessories installed in accordance with manufacturer's approved installation methods.
 2. Do not proceed with remaining work until workmanship is approved by Architect.
 3. Modify mock-up as required to produce acceptable work.



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4. At Substantial Completion, approved mockups may become part of completed work.
 5. Demolish mockups and remove from site.
- C. Pre-installation Meeting: Conduct pre-installation meeting on-site two weeks prior to commencement of installation.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations and industry standards.
- B. Deliver and store assembly materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact. Protect from damage.

1.6 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by Manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.7 WARRANTY

- A. Manufacturer's Standard Warranty: Assemblies will be free from defects in materials and workmanship from the date of manufacture for the time periods indicated below:
 1. Patio Door Units: 20 years.
 2. Window Units: 20 years.
 3. Clad Finishes: 10 years against peeling, checking, cracking caulk or color change.
 4. AAMA 2605 Clad Finishes: 20 years against peeling, checking, cracking or color change.
 5. Glazing:
 - a. Insulated Glass: 20 years against seal breakage.
 - b. Laminated Glass: 5 years against delamination.
 - c. Specialty Glazing: 5 years.

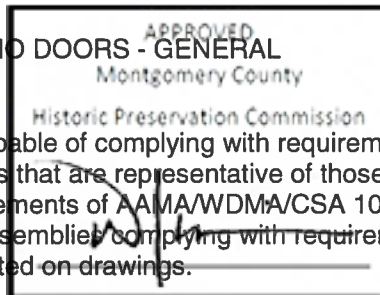
PART 2 PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: JELD-WEN, Inc.; 2645 Silver Crescent Drive, Charlotte, NC 28273; Toll Free Tel: 800-535-3936; Tel: 541-850-2606; Fax: 541-851-4333; Email: mailto:architectural_inquiries@jeld-wen.com; Web: <http://www.jeld-wen.com>.
- B. Substitutions: Not permitted.
- C. Requests for substitutions will be considered in accordance with provisions of Section 0 16 00 – Product Requirements.

2.2 ALUMINUM-CLAD WOOD WINDOWS AND PATIO DOORS - GENERAL

- A. Design Requirements:
 1. Compliance: Provide assemblies capable of complying with requirements indicated, based on testing manufacturer's units that are representative of those specified.
 2. Test Size: In compliance with requirements of AAMA/WDMA/CSA 101/I.S2/A440.
 3. Structural Requirements: Provide assemblies complying with requirements indicated:
 - a. Performance Class: As indicated on drawings.
 - b. Performance Class: _____
 - c. Performance Grade: _____
 4. NFRC Requirements: Provide assemblies complying with the following total window ratings:
 - a. U-Factor: _____ in accordance with NFRC 100.
 - b. Solar Heat Gain Coefficient (SHGC): _____ in accordance with NFRC 200.
 - c. Visible Transmittance (VT) _____
- B. Installation Accessories:



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1. Flashing: Refer to Section 07600 - Flashing and Sheet Metal.
 2. Sealants: OSI Sealants by Henkel Corporation.
 3. Sealants: Refer to Section 07920 - Joint Sealants.
 4. Sealants: Manufacturer recommended sealants to maintain watertight conditions.
- C. Materials:
1. Exterior Cladding: Extruded aluminum.
 2. Interior Wood:
 - a. Material: **[AuraLast Pine (Standard)]** ~~[Alder]~~ ~~[Fir]~~.
- D. Finishes:
1. Interior Finishes for Windows:
 - a. Finish: ~~[Natural (Standard)]~~ ~~[Primed]~~ ~~[Clear Lacquer]~~.
 - Finish: Optional pre-finished paint.
 - 1) Color: **[As Selected by Architect]** **[Brilliant White]** **[Desert Sand]** **[Ivory]** **[Black]** **[Dove]** **[Gunmetal]**.
 - Finish: Optional pre-finished stain finish.
 - 1) Color: **[As Selected by Architect]** **[Cordovan]** **[Walnut]** **[Americano]** **[Charcoal]** **[Kodiak]**.
 2. Exterior Finishes for Windows:
 - a. Standard Color:
 - 1) Color: ~~[As selected by Architect]~~ **[Brilliant White]** ~~[Chestnut Bronze]~~ ~~[Desert Sand]~~ ~~[French Vanilla]~~ ~~[Hartford Green]~~ ~~[Mesa Red]~~ ~~[Black]~~ ~~[Arctic Silver]~~ ~~[Dark Chocolate]~~.
 - Optional Color:
 - 1) Color: **[As selected by Architect]** **[Hunter Green]** **[Redwood]** **[Heirloom White]** **[Sage Brown]** **[Smoke]** **[Bone White]** **[Cascade]** **[Dark Buckskin]** **[Ivory]** **[Luxury Bronze]** **[Mocha Cream]** **[Sea Foam]** **[Steele Gray]**.
 - Anodized Finish:
 - 1) Color: **[As selected by Architect]** **[Clear Anodized]** **[Champagne Anodized]** **[Light Bronze Anodized]** **[Medium Bronze Anodized]** **[Dark Bronze Anodized]** **[Extra Dark Bronze Anodized]** **[Black Anodized]**.
 - AAMA 2605 PVDF Optional Color for Windows:
 - 1) Color: **[As selected by Architect]** **[Brilliant White]** **[Chestnut Bronze]** **[Desert Sand]** **[French Vanilla]** **[Hartford Green]** **[Mesa Red]** **[Black]** **[Arctic Silver]** **[Dark Chocolate]** **[Hunter Green]** **[Redwood]** **[Heirloom White]** **[Sage Brown]** **[Smoke]** **[Bone White]** **[Cascade]** **[Dark Buckskin]** **[Ivory]** **[Luxury Bronze]** **[Mocha Cream]** **[Sea Foam]** **[Steele Gray]**.
 3. Interior Finishes for Patio Doors:
 - a. Finish: ~~[Natural (Standard)]~~ ~~[Primed]~~ ~~[Clear Lacquer]~~.
 - Finish: Optional pre-finished paint finish.
 - 1) Color: **[As Selected by Architect]** **[Brilliant White]** **[Desert Sand]** **[Ivory]** **[Black]** **[Dove]** **[Gunmetal]**.
 - Finish: Optional pre-finished stain finish.
 - 1) Color: **[As Selected by Architect]** **[Cordovan]** **[Walnut]** **[Americano]** **[Charcoal]** **[Kodiak]**.
 4. Exterior Finishes for Windows:
 - a. Standard Color:
 - 1) Color: ~~[As selected by Architect]~~ **[Brilliant White]** ~~[Chestnut Bronze]~~ ~~[Desert Sand]~~ ~~[French Vanilla]~~ ~~[Hartford Green]~~ ~~[Mesa Red]~~ ~~[Black]~~ ~~[Arctic Silver]~~ ~~[Dark Chocolate]~~.
 - Optional Color:
 - 1) Color: **[As selected by Architect]** **[Hunter Green]** **[Redwood]** **[Heirloom White]** **[Sage Brown]** **[Smoke]** **[Bone White]** **[Cascade]** **[Dark Buckskin]** **[Ivory]** **[Luxury Bronze]** **[Mocha Cream]** **[Sea Foam]** **[Steele Gray]**.

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[Dark Buckskin] [Ivory] [Luxury Bronze] [Mocha Cream] [Sea Foam] [Steele Gray].

X

Anodized Finish:

1) Color: [As selected by Architect] [Clear Anodized] [Champagne Anodized] [Light Bronze Anodized] [Medium Bronze Anodized] [Dark Bronze Anodized] [Extra Dark Bronze Anodized] [Black Anodized].

X

AAMA 2605 PVDF Optional Color for Patio Doors:

1) Color: [As selected by Architect] [Brilliant White] [Chestnut Bronze] [Desert Sand] [French Vanilla] [Hartford Green] [Mesa Red] [Black] [Arctic Silver] [Dark Chocolate] [Hunter Green] [Redwood] [Heirloom White] [Sage Brown] [Smoke] [Bone White] [Cascade] [Dark Buckskin] [Ivory] [Luxury Bronze] [Mocha Cream] [Sea Foam] [Steele Gray].

2.3 ALUMINUM-CLAD-WOOD WINDOW ASSEMBLIES (SITELINE)

A. Basis of Design: Sitrine Series aluminum-clad-wood windows assemblies as manufactured by JELD-WEN, Inc.

1. Window Type: [Awning windows] [Casement windows] [Double-hung windows] [Horizontal sliding windows (Sitrine EX)] [Radius and geometric windows].

B. Window Fabrication:

1. Window Type: Awning windows.

a. Frame: Head corner joints mechanically fastened over silicone injected nylon corner key. Sill corner joints sealed with foam gasket and screw boss construction.

b. Sash: Corner joints slot-and-tenoned, and mechanically fastened.

c. Glass: Mounted using silicone glazing compound and secured with interior applied profiled wood stops.

1) Glazing Bead: [Traditional Beveled] [~~Contemporary Square~~].

2. Window Type: Casement windows.

a. Frame: Head corner joints mechanically fastened over silicone injected nylon corner key. Sill corner joints sealed with foam gasket and screw boss construction.

b. Sash: Corner joints slot-and-tenoned, and mechanically fastened.

c. Glass: Mounted using silicone glazing compound and secured with interior applied profiled wood stops.

1) Glazing Bead: [Traditional Beveled] [~~Contemporary Square~~].

3. Window Type: Double-hung windows.

a. Frame: Head corner joints mechanically fastened over silicone injected nylon corner key. Sill corner joints sealed with foam gasket and screw boss construction.

b. Sash: Corner joints slot-and-tenoned, and mechanically fastened.

c. Glass: Mounted using silicone glazing compound and secured with interior applied profiled wood stops.

1) Glazing Bead: [Traditional Beveled] [~~Contemporary Square~~].

d. Sash Bottom Rail: [2-1/4 inches (57.2 mm) (Standard)] [~~4-1/2 inches (114.3 mm)~~].

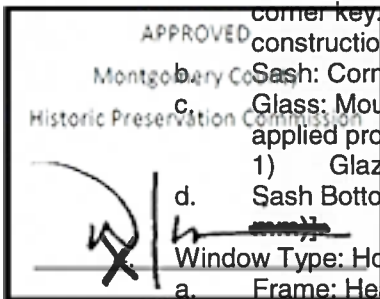
Window Type: Horizontal sliding windows.

a. Frame: Head corner joints mechanically fastened over silicone injected nylon corner key. Sill corner joints sealed with foam gasket and screw boss construction.

b. Sash: Corner joints slot-and-tenoned, and mechanically fastened.


c. Glass: Mounted using silicone glazing compound and secured with interior applied profiled wood stops.

1) Glazing Bead: [Traditional Beveled] [Contemporary Square].



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5. Window Type: Radius and geometric windows.
 - a. Frame: Head corner joints mechanically fastened over silicone injected nylon corner key. Sill corner joints sealed with foam gasket and screw boss construction.
 - b. Glass: Mounted using silicone glazing compound and secured with interior applied profiled wood stops.
- C. Frames:
 1. Material: Select kiln-dried pine AuraLast treated wood.
 2. Casement, Awning and Picture Windows Base Frame: 3-3/16 inch (81 mm).
 3. Double-Hung Windows Base Frame: 4-9/16 inches (115 mm)
 4. Horizontal Sliding Windows Base Frame: 4-9/16 inches (115 mm)
 5. Jamb Width: 4-9/16 inches (116 mm).
 6. Cladding: 0.050 inch (1.27 mm) extruded aluminum.
- D. Sashes: Select kiln-dried pine AuraLast treated wood.
 1. Sash Thickness: 1-7/16 inches (36.5 mm)
 2. Cladding: 0.045 inch (1.2 mm) extruded aluminum.
- E. Exterior Trim: **[Nailing Fin (Standard)]** ~~[No Drip Cap/No Nail Fin]~~ ~~[Aluminum Brickmould]~~ ~~[Aluminum Beaded Brickmould]~~ ~~[Aluminum 2 1/2 inch (63.5 mm) Flat Casing]~~ ~~[Aluminum Adams Casing]~~
 1. Sill Nosing: **[Standard (Standard)]** ~~[1/2 inch (12 mm)]~~ ~~[1 inch (25 mm)]~~ ~~[2 inches (51 mm)]~~
- F. In-Sash Interior Radius Trim:
 1. Material: **[Pine]** ~~[Oak]~~
 2. Pattern: As scheduled and indicated on Drawings.
 3. Casing: As scheduled and indicated on Drawings.
-  Factory Applied Extension Jambs:
 1. Configuration: **[On four sides of frame interior, 21/32 inch (16.7 mm) up to 12 inches (304.8 mm)]** ~~[On 3 sides of frame interior in preparation for stool by others]~~.
- H. Weatherstripping:
 1. Awning Windows: Flexible hinged leaf applied to sash and foam filled bulb at full perimeter of frame.
 2. Casement Windows: Flexible hinged leaf applied to sash and foam filled bulb at full perimeter of frame.
 3. Double-hung Windows: Dual bulb at head and sill, thermoplastic rubber bulb at check rail, rigid vinyl water stops at sill.
 - a. Concealed Jamb Track Color: **[Tan (Standard)]** ~~[White]~~.
 4. Horizontal Sliding: Thermoplastic rubber bulb at checkrail and side rails, polyurethane hinged leaf at side jamb and sill track, rigid vinyl water stops at sill.
 5. Radius and Geometric Windows: Flexible hinged leaf applied to top of sash and thermoplastic rubber bulb at full perimeter of frame.
- I. Window Hardware:
 1. Awning Windows:
 - a. Hinges: Sliding steel reinforced nylon shoe in stainless steel track.
 - b. Operator: Roto type, with single pull scissor arm and hardened steel worm gears.
 - c. Handle: **[Nesting Crank handle (Standard)]** ~~[No Handle]~~.
 - d. Finish: **[As selected by Architect]** ~~[Chestnut Bronze]~~ ~~[Desert Sand]~~ ~~[White]~~ ~~[Polished Brass]~~ ~~[Antique Brass]~~ ~~[Brushed Chrome]~~ ~~[Oil Rubbed Bronze]~~ ~~[Black Powder Coat]~~ ~~[Satin Nickel]~~.
 2. Casement Windows:
 - a. Hinges: **[Standard hinge]** ~~[Butt Hinge, Single Arm Operator]~~.

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- b. Operator: Single arm roto type.
 - c. Handle: **[Nesting Crank handle (Standard)]** ~~None~~.
 - d. Finish: **[As selected by Architect]** ~~[Chestnut Bronze] [Desert Sand] [White] [Polished Brass] [Antique Brass] [Brushed Chrome] [Oil Rubbed Bronze] [Black Powder Coat] [Satin Nickel]~~.
3. Double-Hung Windows:
- a. Balance: Dual block and tackle.
 - b. Lock: Recessed cam action.
 - c. Finish: **[As selected by Architect]** ~~[Chestnut Bronze] [Desert Sand] [White] [Polished Brass] [Antique Brass] [Brushed Chrome] [Oil Rubbed Bronze] [Black Powder Coat] [Satin Nickel]~~.
- X** Horizontal Sliding Windows (Siteline EX):
- a. Sliding System: High-raised polyvinyl chloride sill track, and compressible resilient polyfoam backed head track.
 - b. Sash Pull: Recessed.
 - c. Sash Lock: Recessed cam action.
 - d. Finish: **[As selected by Architect]** ~~[Chestnut Bronze] [Desert Sand] [White] [Polished Brass] [Antique Brass] [Brushed Chrome] [Oil Rubbed Bronze] [Black Powder Coat] [Satin Nickel]~~.
5. Radius and Geometric Windows: None.
- J. Glazing for Windows:
1. Strength: **[Annealed glass (Standard)]** ~~[Tempered (meets CA Urban Fire Code)] [Tempered In/Annealed Out (meets CA Urban Fire Code)]~~.
 2. Glazing Type: Insulated glass.
 - a. Description: Two panes of glass utilizing continuous roll formed stainless steel spacer and dual seal sealants.
 - b. Overall Nominal Thickness: 3/4 inch (19 mm).
 - c. Glass Coating: **[As selected by Architect]** ~~[Low-E 366 (Standard)] [Low-E] [Low-E 100] [Low-E EC] [Low-E EC 366]~~.
 - d. Glass Protection: Plastic preserve film on interior and exterior of glass.
 - e. Air Space: **[Argon-filled airspace (Standard)]** ~~[Air-filled airspace with capillary tubes]~~.
 3. Glazing Type: Triple glazing.
 - a. Overall Nominal Thickness: 1-1/4 inch (31.75 mm).
 - b. Glass Coating: **[As selected by Architect]** ~~[Low-E (Standard)] [Dual Low-E (270 Out/180 In)] [Dual Low-E 100]~~.
- K. Exterior Insect Screens:
1. Material: Charcoal fiberglass screen cloth (18 by 16 mesh) set in painted roll formed aluminum frame.
 2. Frame Color: **[As selected by Architect]** ~~[Brilliant White (Standard)] [Desert Sand] [Chestnut Bronze] [French Vanilla] [Hartford Green] [Mesa Red] [Black] [Arctic Silver] [Dark Chocolate] [Hunter Green] [Redwood] [Heirloom White] [Sage Brown] [Smoke] [Bone White] [Cascade] [Dark Buckskin] [Ivory] [Luxury Bronze] [Mocha Cream] [Sea Foam] [Steel Gray]~~.
 3. Screen Style: **[Full Screen (Standard)]** ~~[Half Screen]~~.
- L. Combination Storm/Screens
1. Material: Extruded aluminum with twin storm panels and charcoal fiberglass screen cloth (18 by 16 mesh) set in painted extruded aluminum frame.
 2. Frame Color: **[Brilliant White (Standard)]** ~~[Chestnut Bronze] [Hartford Green] [Dark Chocolate]~~.
- M. Interior Insect Screens:

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N. Grilles:

1. Type: Simulated Divided Lites (SDL).

a. Exterior Muntins:

1) Material: Extruded aluminum permanently applied to exterior of insulating glass unit.

2) Profile: Beaded.

(a) Width: ~~[7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] [1-3/8 inches (34.9 mm)] [2-5/16 inches (50mm) (for simulated double hung checkrail)]~~

X

Profile: Putty.

(a) Width: ~~[5/8 inch (16 mm)] [7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)]~~.

4) Pattern: As scheduled and indicated on Drawings.

b. Internal Shadow Bar: ~~[Light Bronze (Standard)] [Silver]~~

c. Interior Spacer Bars: ~~[Steel (Standard)] [Black] [Gray]~~

d. Interior Muntins:

1) Material: Clear pine permanently bonded to interior of insulating glass unit.

2) Profile: ~~[Beaded] [Putty]~~

e. Finish: ~~[As selected by Architect] [Brilliant White (Standard)] [Desert Sand] [Chestnut Bronze] [French Vanilla] [Hartford Green] [Mesa Red] [Black] [Arctic Silver] [Dark Chocolate] [Hunter Green] [Redwood] [Heirloom White] [Gage Brown] [Smoke] [Bone White] [Cascado] [Dark Russetkin] [Ivory] [Luxury Bronze] [Mocha Cream] [Sea Foam] [Steel Gray]~~

X

Type: Full Surround Wood Grilles.

a. Material: Unfinished clear pine.

b. Profile: Modified OGEE.

c. Pattern: As scheduled and indicated on Drawings.

d. Width: ~~[7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] [1-3/8 inches (34.9 mm)]~~.

X

Type: Grilles Between the Glass (GBG).

a. Material: Made of roll formed aluminum suspended within the air cavity.

b. Profile: Flat.

1) Width: 5/8 inch (15.9 mm).

c. Profile: Contour.

1) Width: ~~[23/32 inch (18.25 mm)] [1 inch (25.4 mm)]~~.

d. Pattern: As scheduled and indicated on Drawings.

e. Finish: ~~[As selected by Architect] [Brilliant White] [Chestnut Bronze] [Desert Sand] [French Vanilla] [Hartford Green] [Mesa Red] [Arctic Silver] [Dark Chocolate] [Black] [Split Finish]~~.

2.4 ALUMINUM-CLAD-WOOD PATIO DOOR ASSEMBLIES

A. Basis of Design: Sitrine Series aluminum-clad-wood patio door assemblies as manufactured by JELD-WEN, Inc.

1. Patio Door Type: ~~[Out-swinging patio doors, wood construction] [In-swinging patio doors, wood construction] [Sliding patio doors, wood construction]~~

B. Patio Door Fabrication:

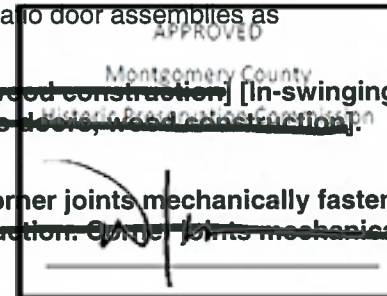
1. Frame: ~~[Finger jointed wood construction. Corner joints mechanically fastened and sealed with silicone] [Clear wood construction. Corner joints mechanically fastened and sealed with silicone]~~

2. Panels: Machine clamped corners.

3. Glass: Mounted using silicone glazing compound on exterior and retainer held bead on interior.

4. Cladding: Aluminum corners are jointed and sealed.

C. Frames:



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1. Material: Select kiln-dried pine AuraLast treated wood.
 2. Jamb Width: 4-9/16 inches (116 mm).
 3. Cladding: 0.050 inch (1.27 mm) extruded aluminum.
- D. Swinging Door Panels:
1. Materials: Select kiln-dried pine AuraLast treated wood and engineered wood substrate. Select members have a LVL core.
 2. Cladding: 0.055 inch (1.4 mm) extruded aluminum.
 3. Thickness: 1-3/4 inches (44.5 mm).
 4. Stiles: **[Narrow: 3-3/32 inches (78 mm)] [Wide: 4-5/8 inches (117 mm)].**
 5. Bottom Rail: ~~[Narrow: 4-5/8 inches (117 mm)] [Standard: 8-1/4 inches (209 mm)] [Wide: 10 inches (254 mm)].~~



Sliding Door Panels:

1. Materials: Select kiln-dried pine AuraLast treated wood and engineered wood substrate. Select members have a LVL core.
2. Cladding: 0.055 inch (1.4 mm) extruded aluminum.
3. Thickness: 1-3/4 inches (44.5 mm).
4. Stiles: **[Narrow: 3-3/32 inches (78 mm)] [Wide: 4-5/8 inches (117 mm)].**
5. Rails: **[Narrow: 3-3/32 inches (78 mm)] [Wide: 8-1/4 inches (210 mm)].**

- F. Exterior Trim: **[Nail Fin (Standard)] [No Drip Cap/No Nail Fin] [Aluminum Brickmould] [Aluminum Beaded Brickmould] [Aluminum 2 1/2 inch (63.5 mm) Flat Casing] [Aluminum Adama Casing].**

G. Extension Jambs:



Type: Sitrine Series Sliding.

- a. Applied at head and sides of frame interior in wall depths up to 12 inches (304.8 mm).



Type: Sitrine Series Out-swinging.

- a. Applied at head and sides of frame interior in wall depths up to 9-5/16 inches (237 mm).

3. Type: Sitrine Series In-swinging.

- a. Applied at head and sides of frame interior in wall depths up to 9-3/16 inches (233 mm).

H. Weatherstripping:



Sliding:

- a. Head: Ivory colored rigid vinyl parting stop with pile weatherstripping and aluminum track at operating head.
- b. Meeting Stiles: Ivory colored fiberglass interlock sealed with pile weatherstripping and dense pile weatherstripping.
- c. Side Jambs: Ivory colored rigid vinyl parting stop with pile weatherstripping.
- d. Sill: Pile weatherstripping.



Out-Swing Patio Door:

- a. Weatherstrip on jambs and head. Sweep on bottom of panel, weatherstrip top rail of panel.

3. In-Swing Patio Door:

- a. Weatherstrip on jambs and head. Sweep on bottom of panel, weatherstrip top rail of panel.

I. Hardware:



Sliding Doors:

- a. Sliding System: Adjustable, tandem, steel ball bearing rollers.
- b. Locks: **[Single point] [Dual point] [Multi-point].**
- c. Locks: Optional lock cylinders with re-key option.
- d. Lock Night Latch: Optional night latch at top of operating panel.
- e. Handle Sets: **[Premium] [Contentor] [Ergo] [Olympus].**



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f. Handle Set Finish: ~~[As selected by Architect]~~ [As selected from manufacturer's Standard offering] ~~[As selected from manufacturer's Optional offering].~~

g. Sill: One-piece pultruded fiberglass and stainless steel track.

h. Sill Pan: Optional molded ABS plastic sill pan.

2. For Swinging Doors:

a. Hinges: [Adjustable, to match handle set finish] ~~[4" Ball Bearing Hinge (Handicap Sill)]~~

b. Locks: Multi-point.

c. Handle Sets: [Classic] ~~[Contemporary]~~ ~~[Rustic]~~.

d. Handle Set Finish: ~~[As selected by Architect]~~ [As selected from manufacturer's Standard offering] ~~[As selected from manufacturer's Optional offering].~~

e. Sill: [One-piece pultruded fiberglass and stainless steel (Standard)] ~~[Handicap Sill]~~.

f. Sill Pan: Provided by others.

J. Glazing for Patio Doors:

1. Strength: Tempered glass.

2. Glazing Type: Insulated glass.

a. Description: Two panes of glass utilizing continuous roll formed stainless steel spacer and dual seal sealants.

b. Overall Nominal Thickness: 3/4 inch (19 mm).

c. Glass Coating: ~~[As selected by Architect]~~ [Low-E 366 (Standard)] ~~[Low-E]~~ ~~[Low-E 190]~~ ~~[Low-E EG]~~ ~~[Low-E EG 366 (103 in/366 Out)]~~.

d. Glass Protection: Plastic preserve film on interior and exterior of glass.

e. Air Space: [Argon-filled airspace (Standard)] ~~[Air-filled airspace with capillary tubes]~~.

3. Glazing Type: Triple glazing.

a. Overall Nominal Thickness: 1-1/4 inch (31.75 mm).

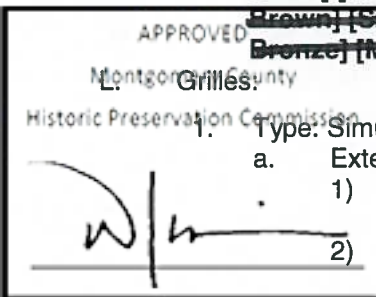
b. Glass Coating: ~~[As selected by Architect]~~ [Low-E (Standard)] ~~[Dual Low-E (270 Out/100 in)]~~ ~~[Dual Low-E 190]~~.

K. Exterior Sliding Insect Screens:

1. Type: [Bottom Rolling Extruded] ~~[Heavy Duty Top Hanging]~~ ~~[Heavy Duty Bottom Rolling]~~.

2. Material: Charcoal fiberglass, screen cloth (18 by 16 mesh) set in 0.040 inch (1 mm) extruded aluminum frame with adjustable rollers.

3. Frame Color: ~~[As selected by Architect]~~ [Brilliant White (Standard)] ~~[Desert Sand]~~ ~~[Chestnut Bronze]~~ ~~[French Vanilla]~~ ~~[Hartford Green]~~ ~~[Mesa Red]~~ ~~[Black]~~ ~~[Arctic Silver]~~ ~~[Dark Chocolate]~~ ~~[Hunter Green]~~ ~~[Redwood]~~ ~~[Heirloom White]~~ ~~[Sage Brown]~~ ~~[Smoke]~~ ~~[Bone White]~~ ~~[Cascade]~~ ~~[Dark Buckskin]~~ ~~[Ivory]~~ ~~[Luxury Bronze]~~ ~~[Mocha Cream]~~ ~~[Sea Foam]~~ ~~[Steel Gray]~~.



1. Type: Simulated Divided Lites (SDL).

a. Exterior Muntins:

1) Material: Extruded aluminum **permanently applied** to exterior of insulating glass unit.

2) Profile: Beaded.

(a) Width: [7/8 inch (22 mm)] ~~[1-1/8 inches (29.5 mm)]~~ ~~[1-3/8 inches (34.9 mm)]~~ ~~[2-5/16 inches (59 mm)]~~.

Profile: Putty.

(a) Width: [5/8 inch (16 mm)] [7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] ~~[1-3/8 inches (34.9 mm)]~~ [2-5/16 inches (59 mm)].

4) Finish: Match exterior cladding color.

Light Bronze (Standard)] ~~[Silver]~~.

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- c. Internal Spacer Bar: ~~[Stainless Steel (Standard)] [Black] [Gray]~~
- d. Interior Muntins:
 - 1) Material: Clear pine permanently bonded to interior of insulating glass unit.
 - 2) Profile: Beaded.
 - (a) Width: ~~[7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] [1-3/8 inches (34.9 mm)] [2-5/16 inches (59 mm)]~~
 - Profile: Putty.
 - (a) Width: ~~[5/8 inch (16 mm)] [7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] [1-3/8 inches (34.9 mm)] [2-5/16 inches (59 mm)]~~
- e. Finish: ~~[As selected by Architect] [Brilliant White (Standard)] [Desert Sand] [Chestnut Bronze] [French Vanilla] [Hartford Green] [Mesa Red] [Black] [Arctic Silver] [Dark Chocolate] [Hunter Green] [Redwood] [Heirloom White] [Sage Brown] [Smoke] [Bone White] [Cascade] [Dark Buckskin] [Ivory] [Luxury Bronze] [Mocha Cream] [Sea Foam] [Steel Gray]~~
- ~~Type: Full Surround Wood Grilles.

 - a. Material: Unfinished clear pine.
 - b. Profile: Modified OGEE.
 - c. Pattern: As scheduled and indicated on Drawings.
 - d. Width: ~~[7/8 inch (22 mm)] [1-1/8 inches (28.5 mm)] [1-3/8 inches (34.9 mm)]~~~~
- ~~Type: Grilles Between the Glass (GBG).

 - a. Material: Made of roll formed aluminum suspended within the air cavity.
 - b. Profile: Flat.
 - 1) Width: 5/8 inch (15.9 mm).
 - c. Profile: Contour.
 - 1) Width: ~~[23/32 inch (18.25 mm)] [1 inch (25.4 mm)]~~
 - d. Pattern: As scheduled and indicated on Drawings.
 - e. Finish: ~~[As selected by Architect] [Brilliant White] [Chestnut Bronze] [Desert Sand] [French Vanilla] [Hartford Green] [Mesa Red] [Arctic Silver] [Dark Chocolate] [Black]~~~~

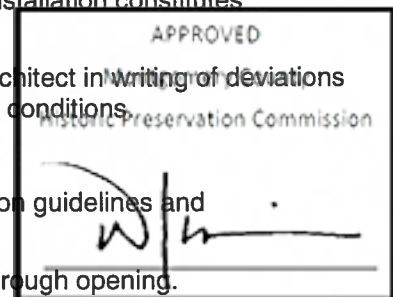
PART 3 EXECUTION

3.1 EXAMINATION AND PREPARATION

- A. Inspect and prepare openings and substrates using the methods recommended by the manufacturer for achieving best result for the substrates under project conditions.
 - 1. Inspect assembly components prior to installation.
 - 2. Verify rough opening conditions are within recommended tolerances.
 - 3. Form sheet metal sill pan in accordance with manufacturer's recommendations.
 - 4. Prepare assembly components for installation in accordance with manufacturer's recommendations.
- B. Do not proceed with installation until openings and substrates have been prepared using the methods recommended by the manufacturer and deviations from manufacturer's recommended tolerances are corrected. Commencement of installation constitutes acceptance of conditions.
- C. If preparation is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

3.2 INSTALLATION

- A. Install assemblies in accordance with manufacturer's installation guidelines and recommendations including the following.
- B. Installation of Windows With Nailing Fins: Insert windows into rough opening.
 - 1. Shim side jambs straight.
 - 2. Inspect window for square, level and plumb.
 - 3. Fasten window through nailing fins around entire window.



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4. Test and adjust for smooth operation of window.
 5. Set all nails below wood surface.
- C. Installation of Patio Doors With Nailing Fins: Insert patio doors into rough opening.
1. Shim side jambs straight.
 2. Inspect patio door for square, level and plumb.
 3. Fasten patio door through nailing fins around entire patio door.
 4. Test and adjust for smooth operation of patio door.

3.3 FIELD QUALITY CONTROL

- A. Manufacturers' Field Services: Perform field inspections as recommended by manufacturer.

3.4 CLEANING AND PROTECTION

- A. Clean the exterior surface and glass with mild soap and water.
- B. Protect installed windows from damage.
- C. Remove and dispose of protective film from glass; touch-up, repair or replace damaged components and assemblies before Substantial Completion.

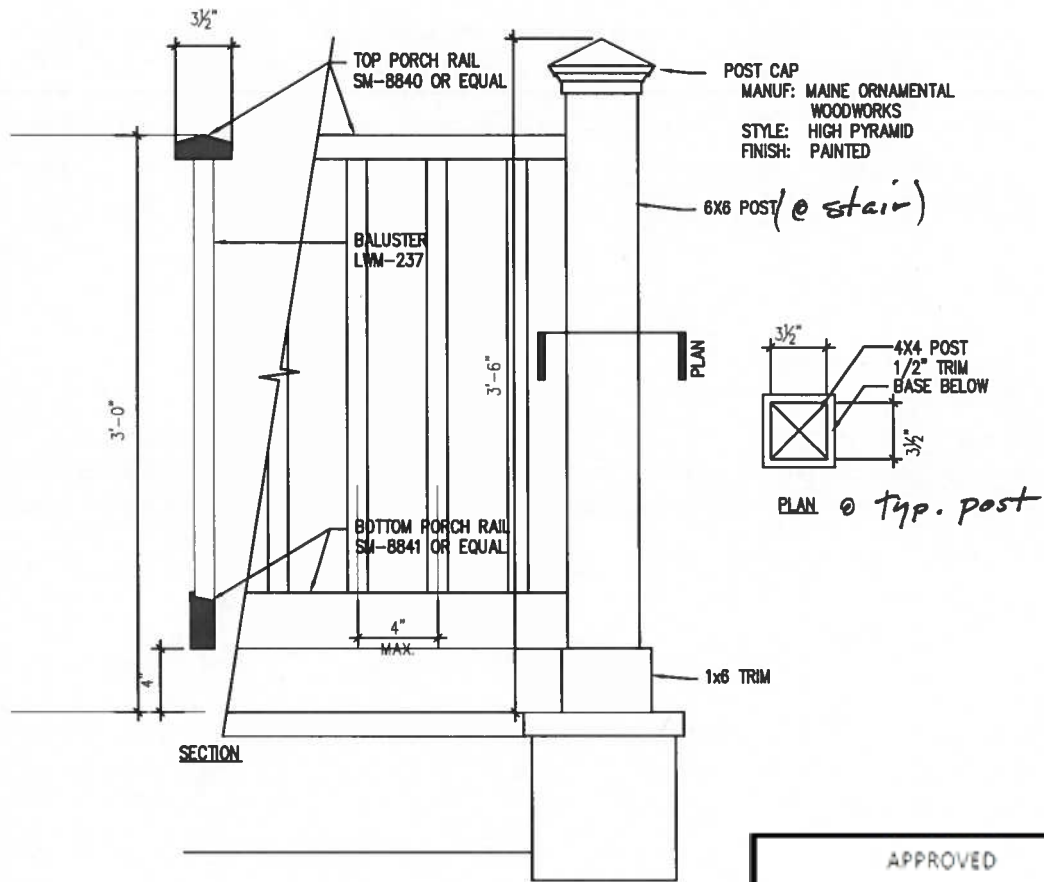
END OF SECTION



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46 Grafton St.



1

DECK RAILING

SCALE: 1"=1'-0"

APPROVED
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Historic Preservation Commission

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