RESIDENCE 1347

1347 G STREET SOUTHEAST WASHINGTON, DC 20003

ISSUED FOR: PERMIT

ISSUED DATE: 07 FEBRUARY 2018

ARCHITECT:

//38/7

David Shove-Brown, AIA, NCARB Ryan Petyak, AIA, NCARB 3333 K Street NW_Suite 60 WASHINGTON, DC 20007 [T] 202.350.4244 [F] 202.350.4245 [W] 3877.DESIGN **CLIENT:**

MATT MEDVENE, SAM MEDVENE,
MARC DOSIK
1347 G STREET SW
WASHINGTON, DC 20005
[T] 703.589.4832
[W] MARC@MARCDOSIK.COM
SAMMEDVEREALTOR@GMAIL.COM

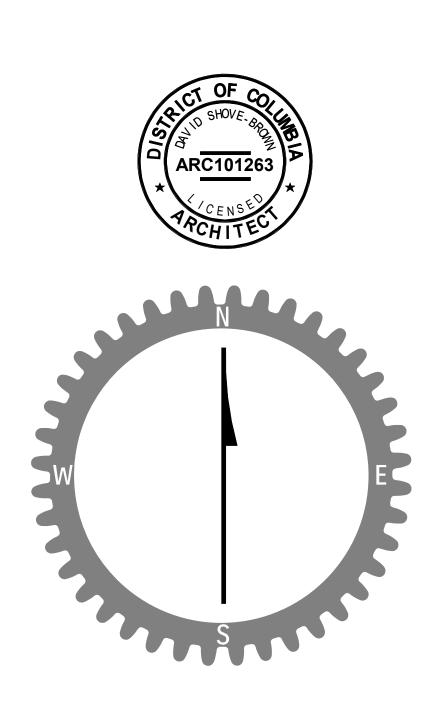
STRUCTURAL ENGINEER:

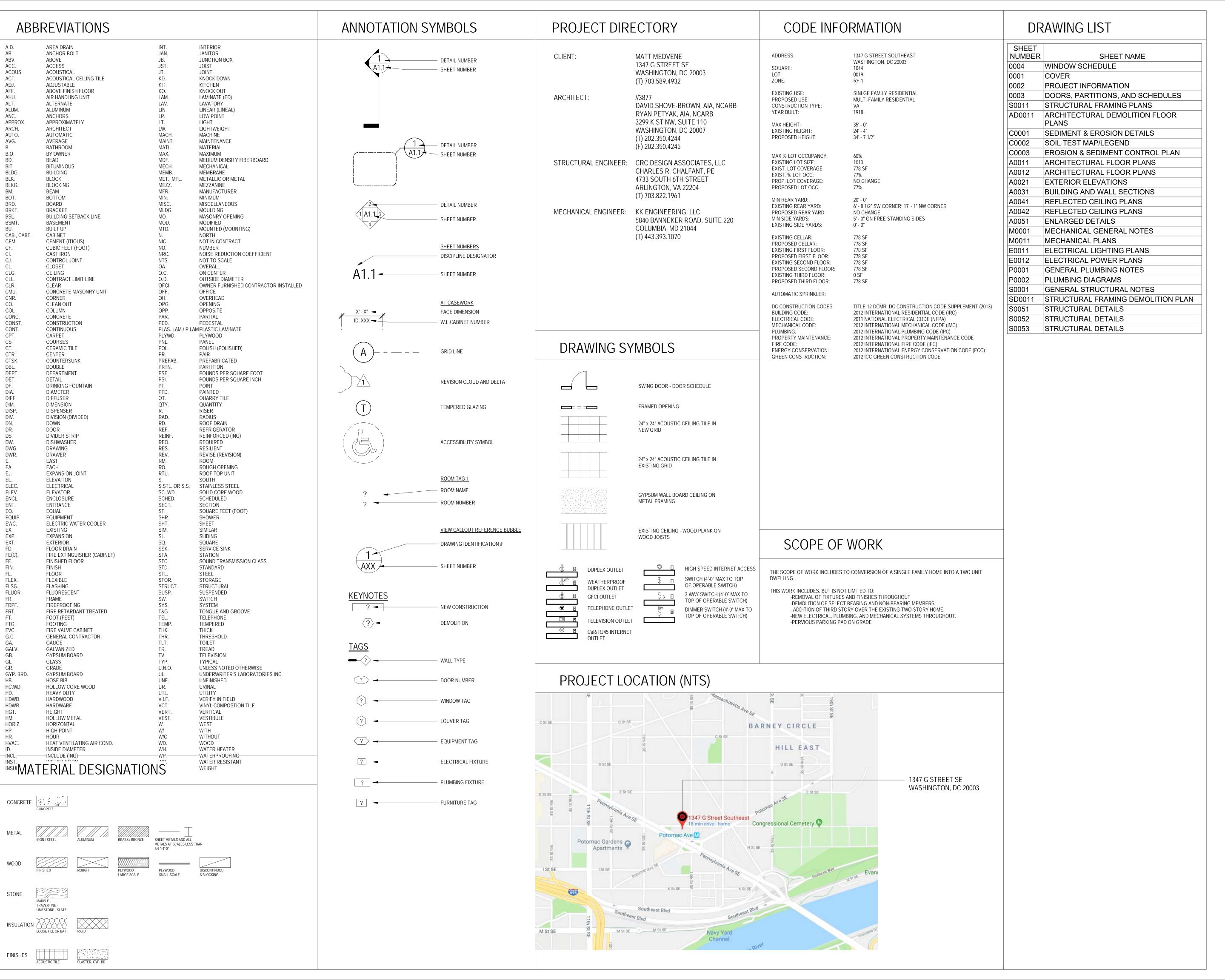
CRC Design Associates, LLC

Charles R. Chalfant, PE 4733 South 6th Street Arlington, VA 22204 [T] 703.822.1961 MECHANICAL ENGINEER:

KK Engineering, LLC

Khalid Khalifa 5840 Banneker Rd, Suite 220 Columbia, MD 21044 [T] 443-393-1070





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3333 K STREET NW_SUITE 60 WASHINGTON, DC 20007

[T] 202.350.4244 [F] 202.350.4245

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CONSULTANTS

DRAWING DATA

PROJECT: RESIDENCE1347

ADDRESS: 1347 G ST SE

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WASHINGTON, DC 20003

ISSUE DATE

12/17/2015

SEAL & SIGNATURE:

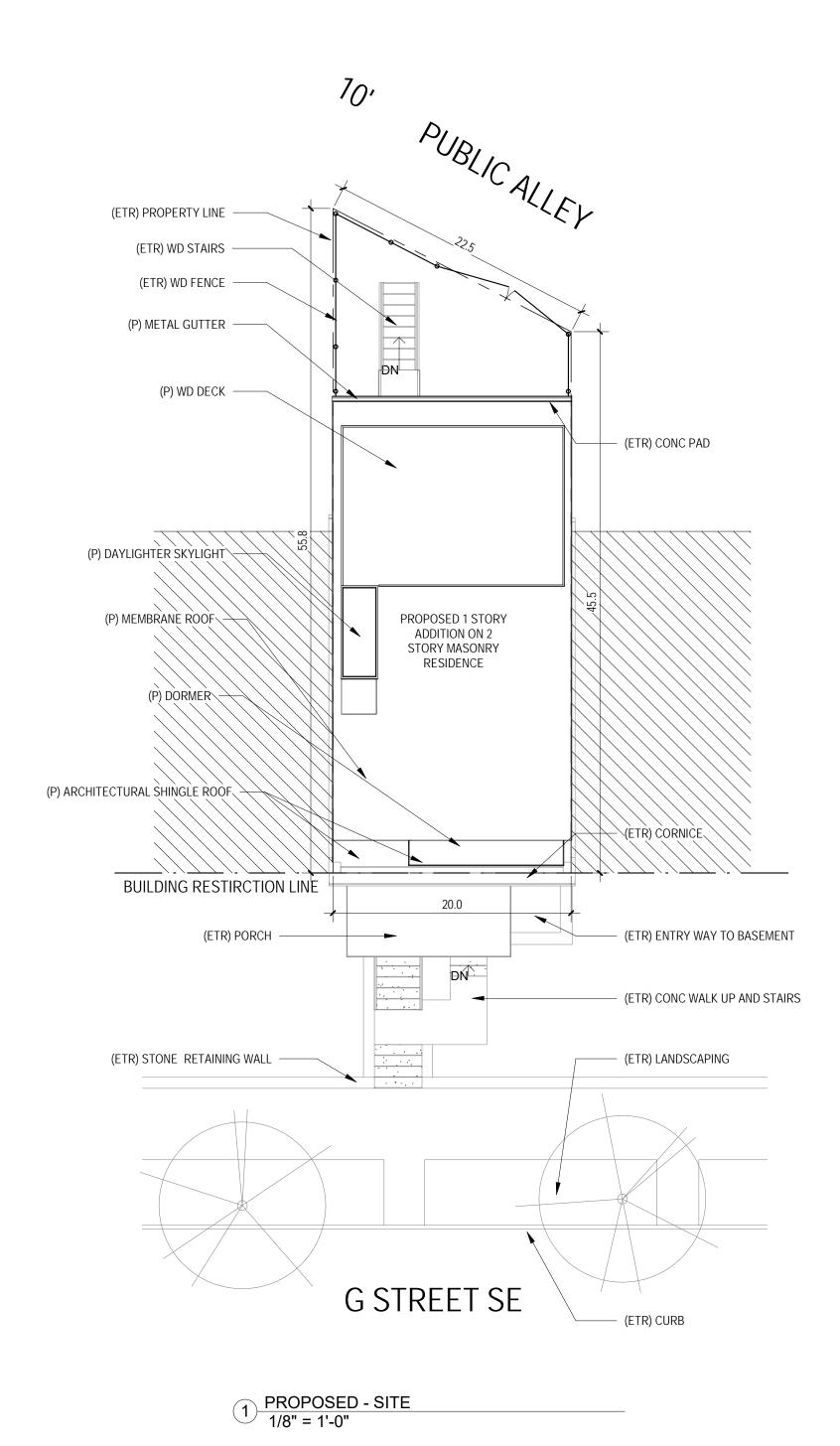
SHEET TITLE: PROJECT INFORMATION

PROJECT NO: 2017.157

04/08/16

SCALE: As indicated

0002



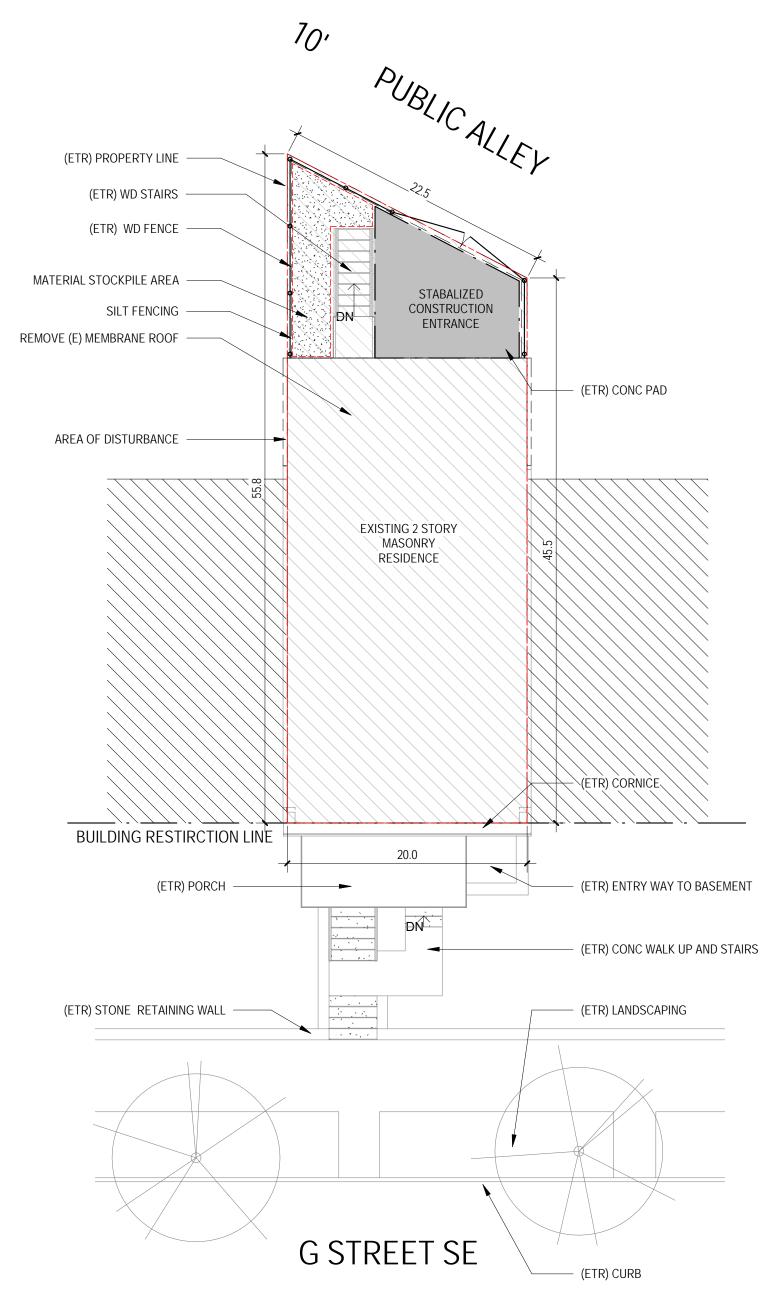
EROSION & SEDIMENT CONTROL GENERAL NOTES

- 1. FOLLOWING INITIAL LAND DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR INTERIM STABILIZATION MUST BE COMPLETED WITHIN SEVEN (7) CALENDAR DAYS FOR THE SURFACES OF ALL PERIMETER CONTROLS, DIKES, SWALES, DITCHES, PERIMETER SLOPES, AND SLOPES GREATER THAN THREE (3) HORIZONTAL TO ONE (1) VERTICAL (3:1); AND FOURTEEN (14) DAYS FOR ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE. THESE REQUIREMENTS DO NOT APPLY TO AREAS SHOWN ON THE PLAN THAT ARE USED FOR MATERIAL STORAGE OTHER THAN STOCKPILING, OR FOR THOSE AREAS ON THE PLAN WHERE ACTUAL CONSTRUCTION ACTIVITIES ARE BEING PERFORMED. MAINTENANCE SHALL BE PERFORMED AS NECESSARY SO THAT STABILIZED AREAS CONTINUOUSLY MEET THE APPROPRIATE REQUIREMENTS OF THE DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL (ESC). [21 DCMR § 542.9 (0)]
 2. ESC MEASURES SHALL BE IN PLACE BEFORE AND DURING LAND DISTURBANCE. [21 DCMR § 543.6]
- 3. CONTACT DDOE INSPECTION (202) 535-2977 TO SCHEDULE A PRECONSTRUCTION MEETING AT LEAST THREE (3) USINESS DAYS BEFORE THE COMMENCEMENT OF A LAND-DISTURBING ACTIVITY.[21 DCMR § 503.7A)]
- 4. A COPY OF THE APPROVED PLAN SET WILL BE MAINTAINED AT THE CONSTRUCTION SITE FROM THE DATE THAT ONSTRUCTION ACTIVITIES BEGIN TO THE DATE OF FINAL
- STABILIZATION AND WILL BE AVAILABLE FOR DDOE NSPECTORS.[21 DCMR § 542.15]

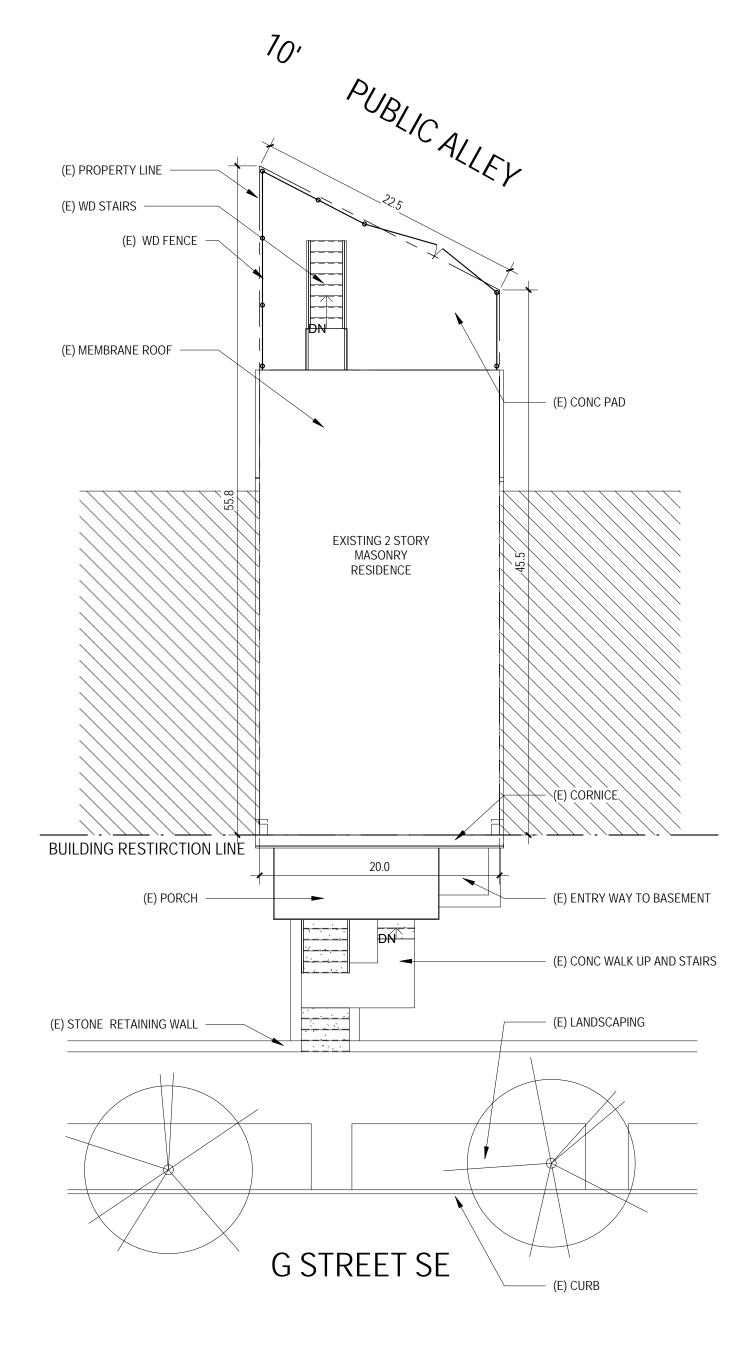
 5. ESC MEASURES SHALL BE IN PLACE TO STABILIZE AN EXPOSED AREA AS SOON AS PRACTICABLE AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED BUT NO LATER THAN FOURTEEN (14) DAYS FOLLOWING CESSATION, EXCEPT THAT TEMPORARY OR PERMANENT STABILIZATION SHALL BE IN PLACE AT THE END
- OF EACH DAY OF UNDERGROUND UTILITY WORK THAT IS NOT CONTAINED WITHIN A LARGER DEVELOPMENT SITE. [21 DCMR § 543.7]

 6. STOCKPILED MATERIAL BEING ACTIVELY USED DURING A PHASE OF CONSTRUCTION SHALL BE PROTECTED AGAINST EROSION BY ESTABLISHING AND MAINTAINING
- PERIMETER CONTROLS AROUND THE STOCKPILE. [21 DCMR § 543.16 (A)]
 7. STOCKPILED MATERIAL NOT BEING ACTIVELY USED OR ADDED TO SHALL BE STABILIZED WITH MULCH, TEMPORARY VEGETATION, HYDRO-SEED OR PLASTIC WITHIN
- FIFTEEN (15) CALENDAR DAYS AFTER ITS LAST USE OR ADDITION. [21 DCMR § 543.16(B)]

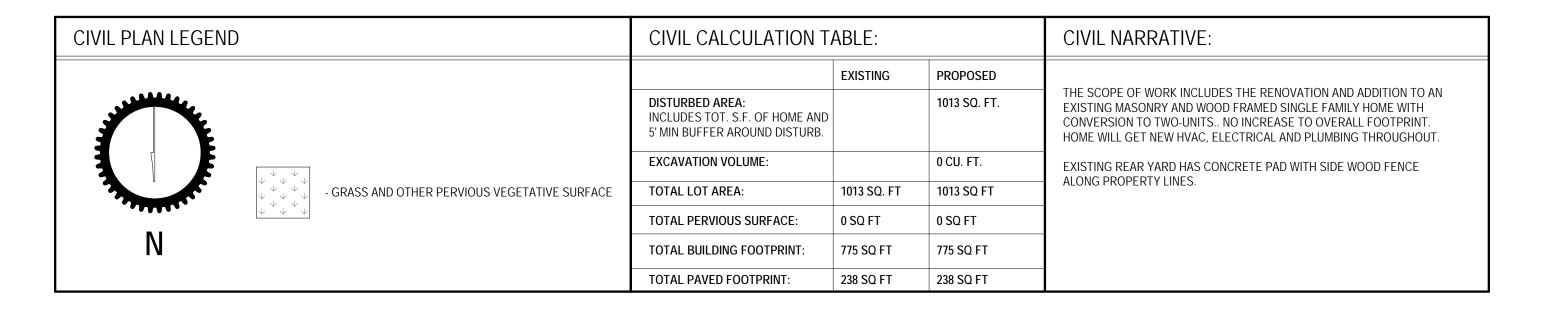
 8. PROTECT BEST MANAGEMENT PRACTICES FROM SEDIMENTATION AND OTHER DAMAGE DURING CONSTRUCTION FOR PROPER POST CONSTRUCTION OPERATION. [21
- DCMR § 543.5]
- 9. REQUEST A DDOE INSPECTOR'S APPROVAL AFTER THE INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. [21 DCMR §542.12 (A)]
- 10. REQUEST A DDOE INSPECTOR'S APPROVAL AFTER FINAL STABILIZATION OF THE SITE AND BEFORE THE REMOVAL OF EROSION AND SEDIMENT CONTROLS. [21 DCMR § 542.12 (B)]
 11. FINAL STABILIZATION MEANS THAT ALL LAND-DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND EITHER OF THE FOLLOWING TWO CRITERIA HAVE BEEN
- 11. FINAL STABILIZATION MEANS THAT ALL LAND-DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND EITHER OF THE FOLLOWING TWO CRITERIA HAVE BEEN MET: (1) A UNIFORM (FOR EXAMPLE, EVENLY DISTRIBUTED, WITHOUT LARGE BARE AREAS) PERENNIAL VEGETATIVE COVER WITH A DENSITY OF SEVENTY PERCENT (70%) OF THE NATIVE BACKGROUND VEGETATIVE COVER FOR THE AREA HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, OR (2) EQUIVALENT PERMANENT STABILIZATION MEASURES HAVE BEEN EMPLOYED (SUCH AS THE USE OF RIPRAP, GABIONS, OR GEOTEXTILES). [21 DCMR § 542.12 (B.1, B.2)]
- 12. FOLLOW THE REQUIREMENTS OF THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY APPROVED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND MAINTAIN A LEGIBLE COPY OF THIS SWPPP ON SITE. [21 DCMR § 543.10 (B)]
- POST A SIGN THAT NOTIFIES THE PUBLIC TO CONTACT DDOE IN THE EVENT OF EROSION OR OTHER POLLUTION. THE SIGN WILL BE PLACED AT EACH ENTRANCE TO THE SITE OR AS DIRECTED BY THE DDOE INSPECTOR. EACH SIGN WILL BE NO LESS THAN 18X24 INCHES IN SIZE AND MADE OF MATERIALS THAT WILL WITHSTAND WEATHER FOR THE URATION OF THE PROJECT. LETTERING WILL BE AT LEAST 1 INCH IN HEIGHT AND EASILY READABLE BY THE PUBLIC FROM A DISTANCE OF TWELVE FEET (12 FT). THE SIGN MUST DIRECT THE PUBLIC, IN SUBSTANTIALLY THE FOLLOWING FORM: "TO REPORT EROSION, RUNOFF, OR STORMWATER POLLUTION," AND WILL PROVIDE THE CONSTRUCTION SITE ADDRESS, DDOE'S TELEPHONE NUMBER (202-535-2977), DDOE'S E-MAIL ADDRESS (IEB.SCHEDULING@DC.GOV), AND THE 311 MOBILE APP HEADING ("CONSTRUCTIONEROSIONRUNOFF").[21 DCMR § 543.22]







3 EXISTING - SITE 1/8" = 1'-0"



//38//

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[T] 202.350.4244

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CONSULTANTS

DRAWING DATA

PROJECT: RESIDENCE1347

ADDRESS: 1347 G ST SE

WASHINGTON, DC 20003

NO. ISSUE DATE

0 FOR PERMIT 12/17/2015

SEAL & SIGNATURE:

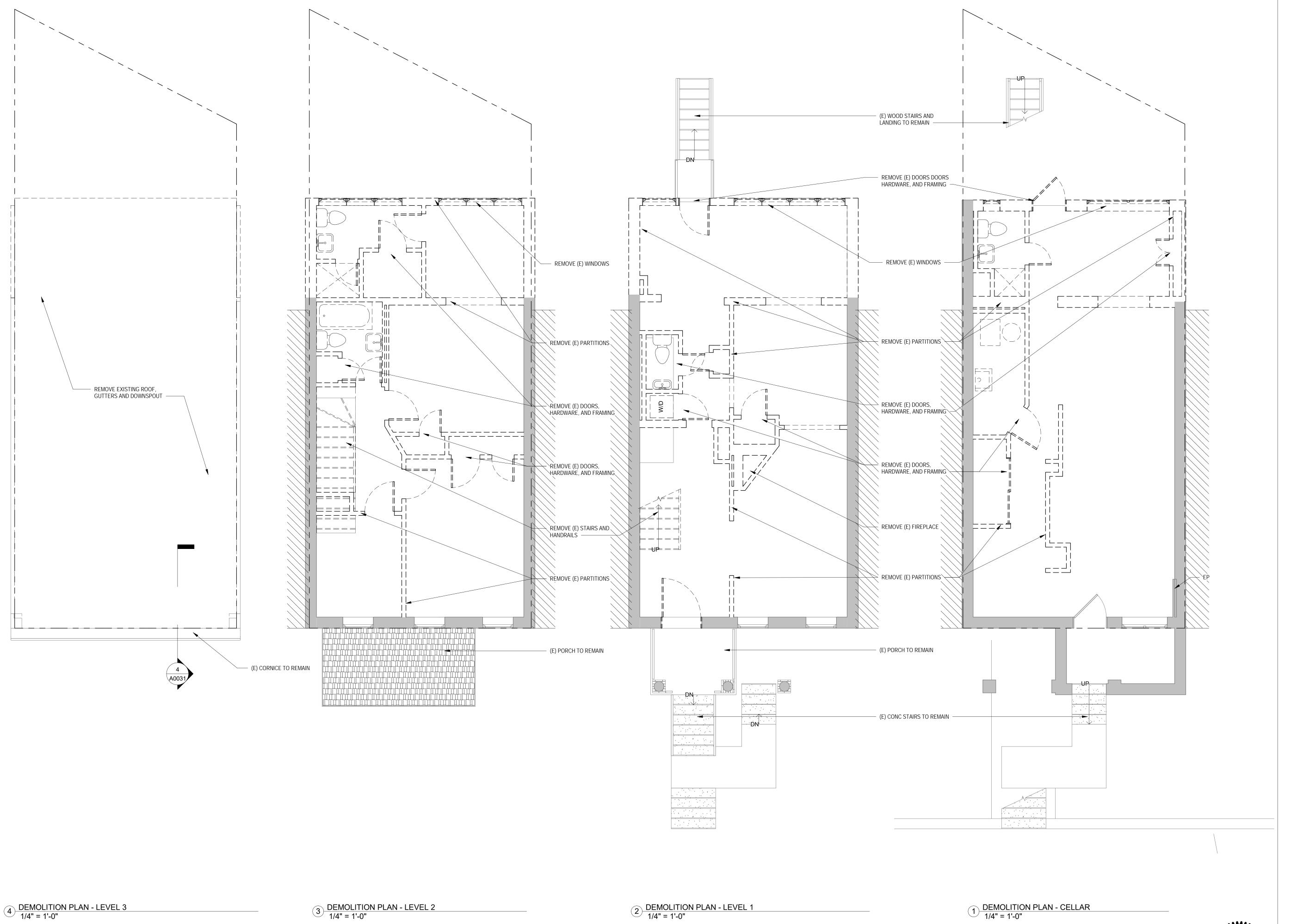
SHEET TITLE: EROSION & SEDIMENT CONTROL PLAN

PROJECT NO: 2017.157

DATE 04/08/16

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

C0003



//38/7

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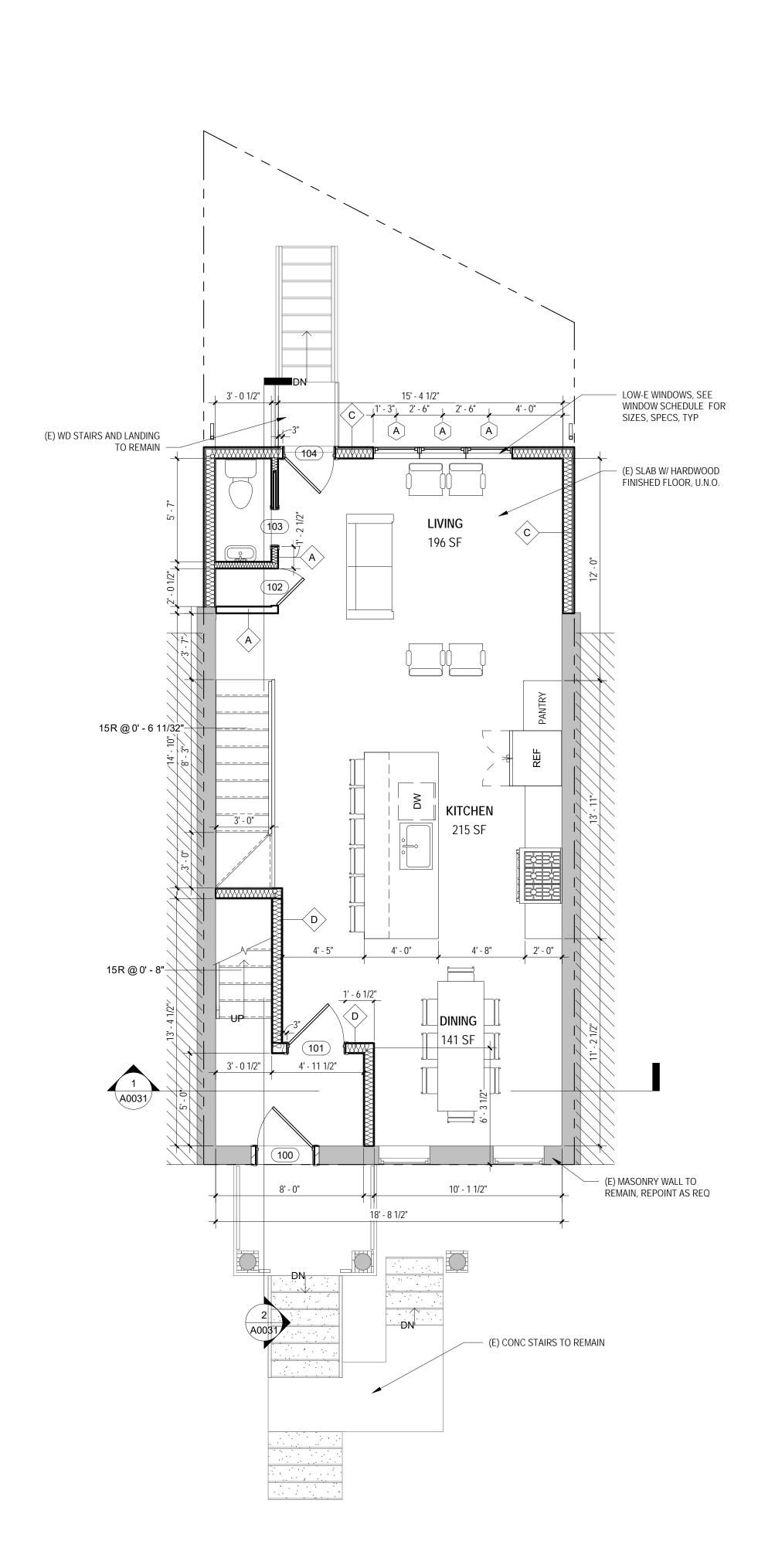
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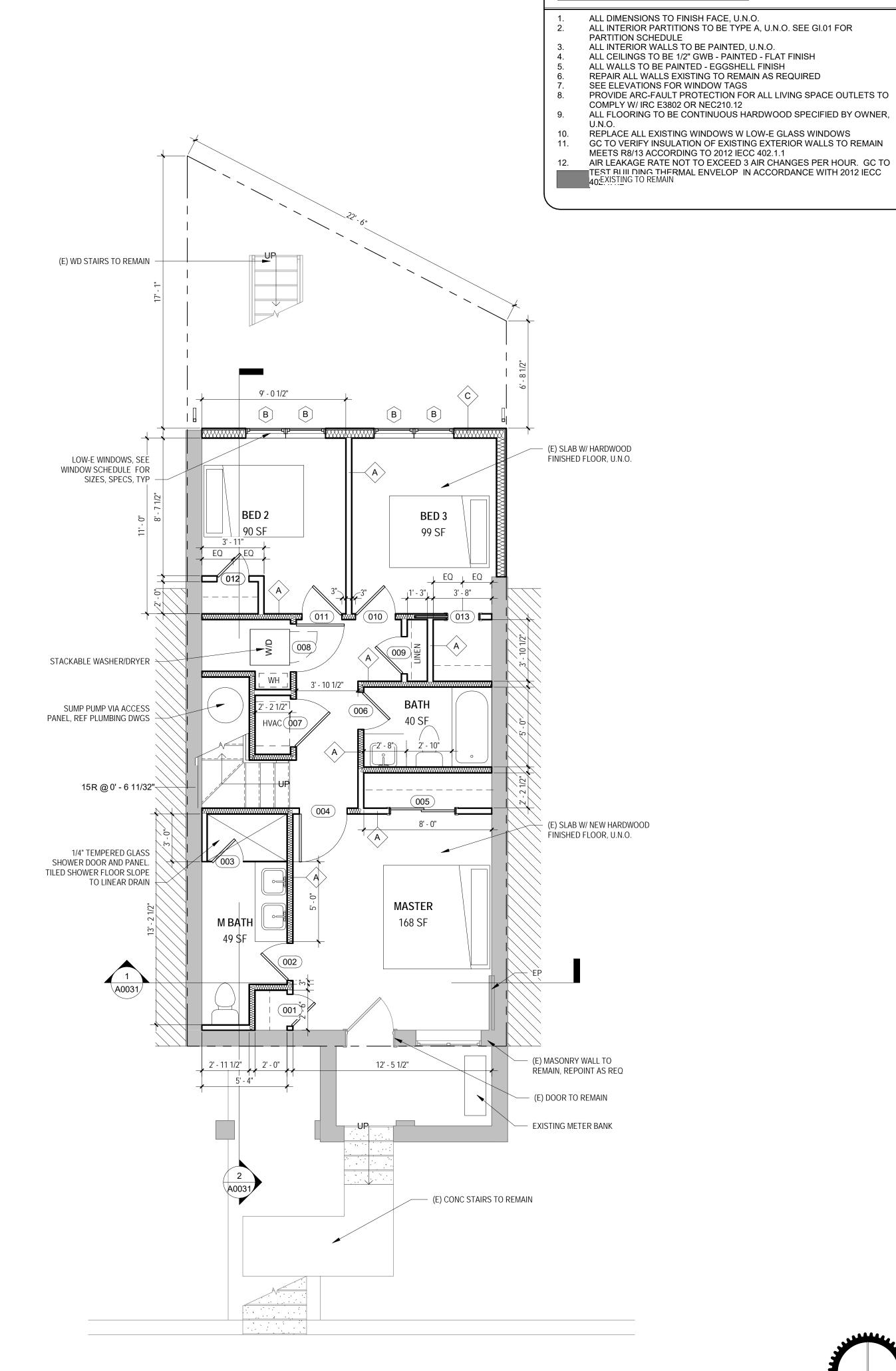
SHEET TITLE: ARCHITECTURAL DEMOLITION FLOOR PLANS
PROJECT NO: 2017.157

DATE 04/14/16

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

AD0011





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SHEET TITLE: ARCHITECTURAL FLOOR PLANS

PROJECT NO: 2017.157

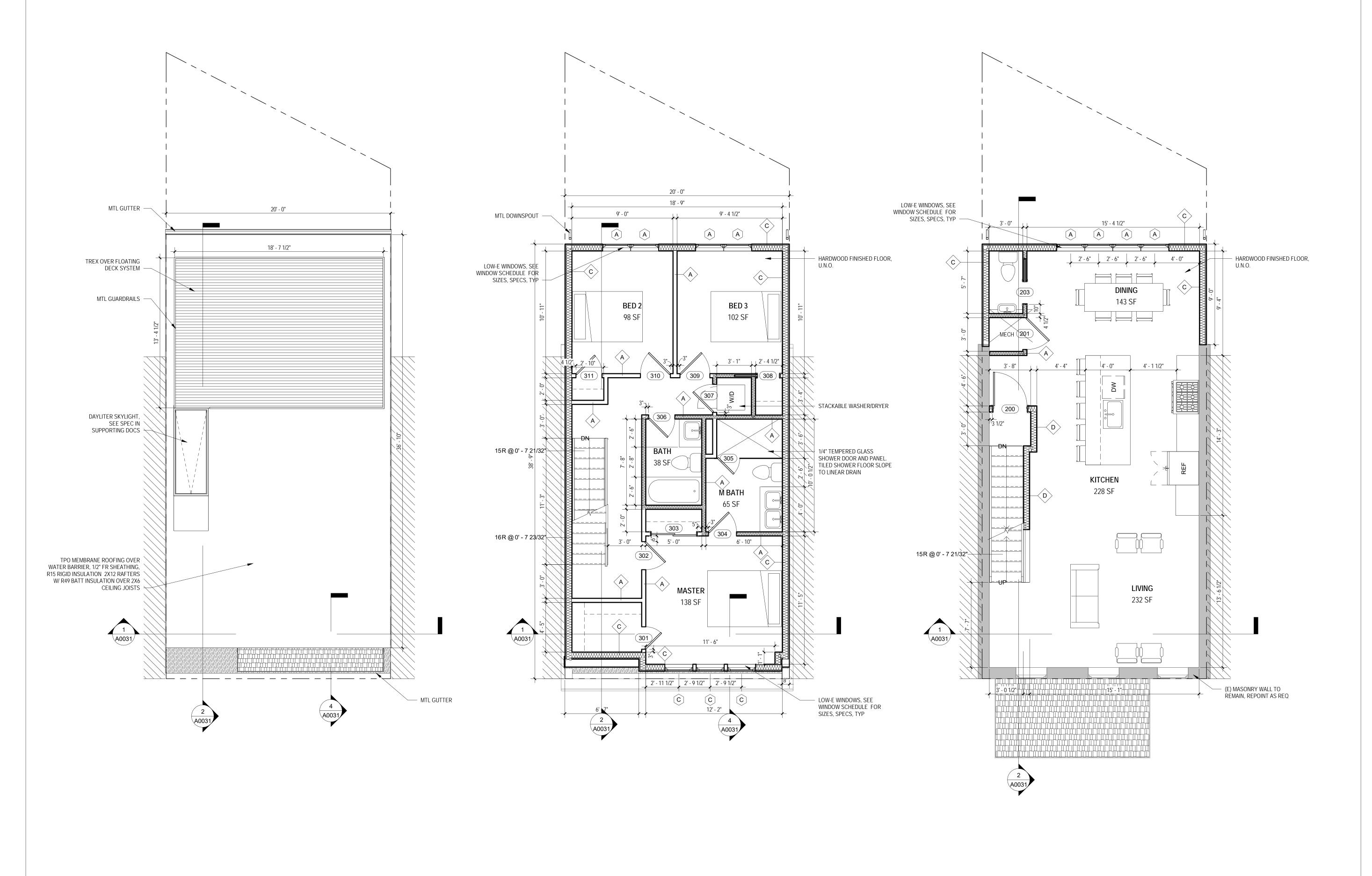
TE 04/14/16

SCALE: As indicated

A0011

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CONSTRUCTION GENERAL NOTES



2 PROPOSED - LEVEL 3
1/4" = 1'-0"

3 PROPOSED - ROOF 1/4" = 1'-0"

N N

1 PROPOSED - LEVEL 2 1/4" = 1'-0" //38/7

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NO.	ISSUE	DATE	
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SHEET TITLE: ARCHITECTURAL FLOOR PLANS

PROJECT NO: 2017.157

DATE 12/27/17

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

A0012



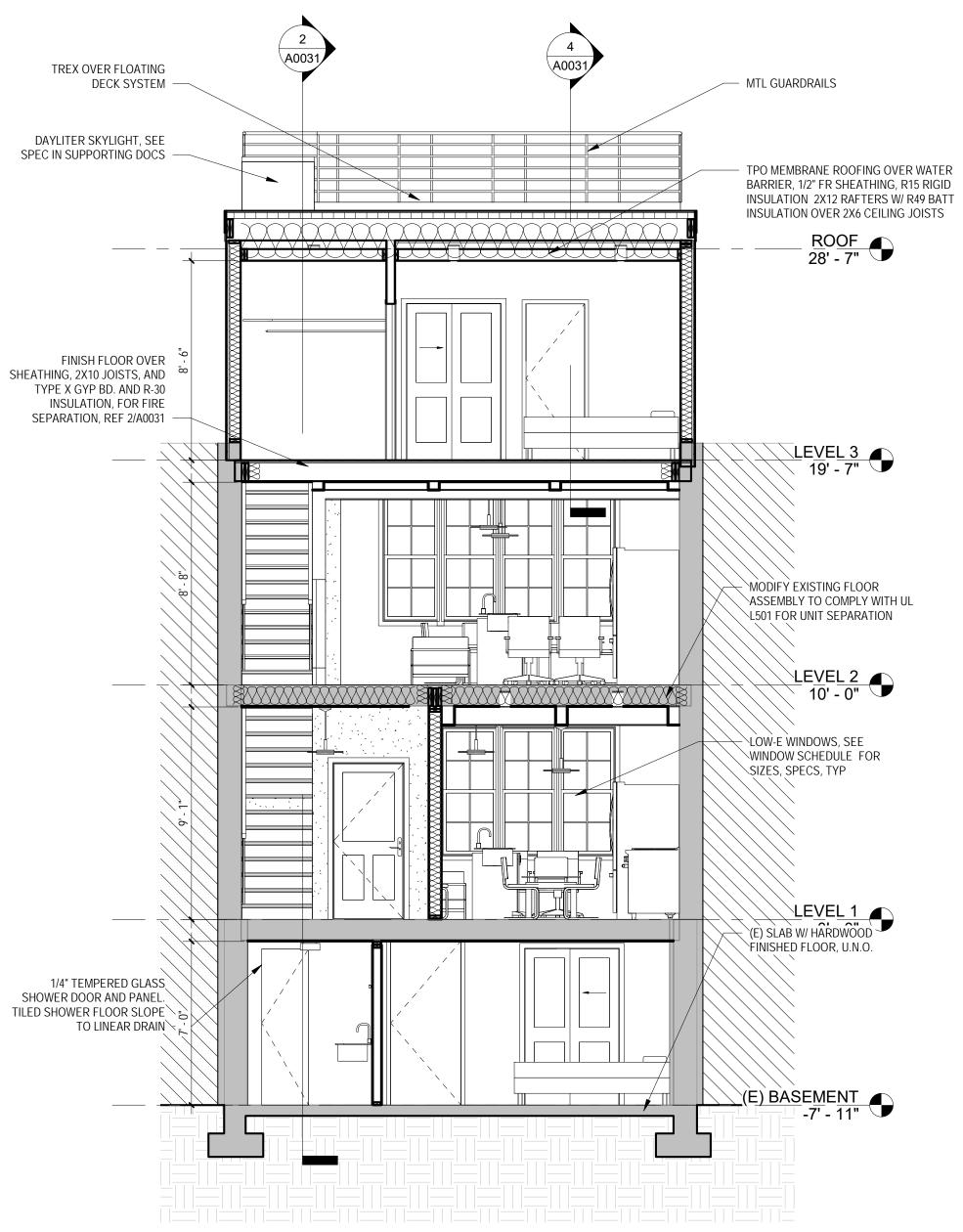
TPO MEMBRANE ROOFING OVER WATER BARRIER, 175 RIGID INSULATION 2X12 RAFTERS W R49 BATT INSULATION OVER 2X6 CEILING JOISTS ROOF 28' - 7" INFILL BEHIND (E) CORNICE W 2X'S, WATER PROOFING MEMBRANE AND FLASH AS RED LEVEL 3 19' - 7" SECTION @ DORMER 1/4" = 1'-0"

DAYLITER SKYLIGHT, SEE MTL GUARDRAILS SPEC IN SUPPORTING DOCS -TPO MEMBRANE ROOFING OVER WATER BARRIER, 1/2" FR SHEATHING, R15 RIGID INSULATION 2X12 RAFTERS W/ R49 BATT INSULATION OVER 2X6 CEILING JOISTS TREX OVER FLOATING DECK SYSTEM MTL GUTTER -FINISH FLOOR OVER SHEATHING, 2X10 JOISTS, AND TYPE X GYP BD. AND R-30 INSULATION, FOR FIRE SEPARATION - INFILL BEHIND (E) CORNICE W/ 2X'S, WATER PROOFING MEMBRANE AND FLASH AS REQ - LOW-E WINDOWS, SEE WINDOW SCHEDULE FOR SIZES, SPECS, TYP LEVEL 3 19' - 7" MODIFY EXISTING FLOOR ASSEMBLY TO COMPLY WITH UL E) MASONRY WALL TO REMAIN, REPOINT AS REQ L501 FOR UNIT SEPARATION (E) PORCH AND ROOF TO REMAIN, REPAIR AS REQ LEVEL 2 10' - 0" MODIFY EXISTING FLOOR ASSEMBLY TO COMPLY WITH UL L501 FOR UNIT SEPARATION (E) WD STAIRS AND LANDING TO REMAIN -LEVEL 1 0' - 0" (E) SLAB W/ HARDWOOD FINISHED FLOOR, U.N.O. 1/4" TEMPERED GLASS SHOWER DOOR AND PANEL. TILED SHOWER FLOOR SLOPE TO LINEAR DRAIN SUMP PUMP VIA ACCESS PANEL, REF PLUMBING DWGS

2012 IECC TABLE 402.4.1.1

AIR BARRIER AND INSULATION INSTALLATION

COMPONENT	CRITERIA	
AIR BARRIER AND THERMAL BARRIER	A continuous air barrier shall be installed in the building envelope. Exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed. Air-permeable insulation shall not be used as a sealing material.	
CEILING/ATTIC	The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier sealed. Access openings, drop down stair or knee wall doors to unconditioned attic spaces shall be sealed.	
WALLS	Corners and headers shall be insulated and the junction of the foundation and sill plate shall be sealed. The junction of the top plate and top of exterior walls shall be sealed. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier. Knee walls shall be sealed.	
WINDOWS/SKYLIGHTS/DOORS	The space between window/door jambs and framing and skylights and framing shall be	
RIM JOISTS	sealed. Rim joists shall be in sulated and include the air barrier.	
FLOORS (INCLUDING ABOVE-GRADE AND CANTILEVERED FLOORS)	Insulation shall be installed to maintain permanent contact with underside of subfloor decking. The air barrier shall be installed at any exposed edge of insulation.	
CRAWL SPACE WALLS	Where provided in lieu of floor insulation, insulation shall be permanently attached to the crawlspace walls.	
SHAFTS, PENETRATIONS	—Exposed earth in unvented crawl spaces shall be covered with Class I vapor retarder with overlap joints – Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.	
NARROW CAVITIES	Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space.	
GARAGE SEPARATION	Air sealing shall be provided between the garage and conditioned spaces.	
RECESSED LIGHTING	Recessed light fixtures installed in the building thermal envelope shall be air tight, IC rated, and sealed to the drywall.	
PLUMBING AND WIRING	Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring.	
SHOWER/TUB ON EXTERIOR WALL	Exterior walls adjacent to showers and tubs shall be insulated and the air barrier installed separating them from the showers and tubs	
ELECTRICAL/PHONE BOX ON EXTERIOR WALLS	The air barrier shall be installed behind electrical or communication boxes or air sealed boxes shall be ins	
HVAC REGISTER BOOTS	An air barrier shall be installed on fireplace walls. Fireplaces shall have gasketed doors.	
FIREPLACE	HVAC register boots that penetrate building thermal envelope shall be sealed to the sub-floor or drywall.	



//38//

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SHEET TITLE: BUILDING AND WALL SECTIONS

PROJECT NO: 2017.157

TE 04/14/16

SCALE: As indicated

A003¹

2 SECTION - LONGITUDINAL 1/4" = 1'-0" 1 SECTION - CROSS 1/4" = 1'-0"