

GENERAL REQUIREMENTS

1. WORK PERFORMED SHALL COMPLY WITH THESE GENERAL NOTES UNLESS OTHERWISE NOTED ON PLANS.
2. ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS.
8. DIMENSIONS SHALL BE READ OR CALCULATED AND NEVER SCALED. ALL DIMENSIONS ARE TO THE ROUGH UNLESS NOTED OTHERWISE.
9. DISCREPANCIES: THE CONTRACTOR SHALL COMPARE & COORDINATE ALL DRAWINGS; WHEN IN THE OPINION OF THE CONTRACTOR, A DISCREPANCY EXISTS HE SHALL PROMPTLY REPORT IT TO THE DESIGNER OR PROPER ADJUSTMENT BEFORE PROCEEDING.
10. OMISSIONS: IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS, THE CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN OR NOTED.
11. ALL WORK IS TO BE PERFORMED IN A PROFESSIONAL MANNER AND IN ACCORDANCE WITH STANDARD PRACTICE AND SHALL BE IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS AND/OR RECOMMENDATIONS.
12. THE GENERAL AND SUB-CONTRACTORS SHALL CAREFULLY EXAMINE THE DRAWINGS INSPECT THE SITE AND ACQUAINT THEMSELVES WITH ALL GOVERNING ORDINANCES, LAWS, ETC. AND OTHERWISE FAMILIARIZE THEMSELVES WITH ALL MATTERS WHICH MAY AFFECT PERFORMANCE OF THE WORK.
13. THE STRUCTURAL INTEGRITY OF THE BUILDING IS DEPENDENT UPON COMPLETION ACCORDING TO THE PLANS AND SPECIFICATIONS. THE STRUCTURAL ENGINEER OF RECORD ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION. THE METHOD OF CONSTRUCTION AND SEQUENCE OF OPERATIONS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL SUPPLY ANY NECESSARY BRACING, GUYS, ETC. TO PROPERLY BRACE THE STRUCTURE AGAINST WIND, DEAD AND LIVE LOADS UNTIL THE BUILDING IS COMPLETED ACCORDING TO THE PLANS SPECIFICATIONS. ANY QUESTIONS REGARDING TEMPORARY BRACING REQUIREMENTS SHOULD BE FORWARDED TO A STRUCTURAL ENGINEER FOR REVIEW.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING AND SHORING, AS REQUIRED, TO ENSURE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THEREOF DURING CONSTRUCTION.
15. ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR AND ROOF SYSTEMS. CONTRACTOR SHALL ENSURE THAT WALLS ARE ADEQUATELY BRACED DURING CONSTRUCTION.
16. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER AND OWNER.

FIELD VERIFICATION

CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF STRUCTURAL COMPONENTS

APPLICABLE CODES

ALL WORK AND MATERIAL SHALL COMPLY WITH REQUIREMENTS OF LATEST IRC ADOPTED BY THE DISTRICT OF COLUMBIA.

EXISTING CONDITIONS

- A. ALL EXISTING BEAMS, COLUMNS, LINTELS, ANGLES AND JOISTS TO REMAIN INTACT UNLESS SPECIFICALLY NOTED TO BE REMOVED BY MOST RECENT DEMOLITION DOCUMENTS OR OTHERWISE NOTED ON THESE DRAWINGS.
- B. INFORMATION PROVIDED ON THESE DRAWINGS RELATED TO EXISTING IS BASED ON AVAILABLE DESIGN DOCUMENTS AND FIELD OBSERVATION. CONTRACTOR TO CONTACT STRUCTURAL ENGINEER UPON DISCOVERY OF ANY DISCREPANCY BETWEEN CONTRACT DRAWINGS AND ACTUAL EXISTING CONDITIONS.
- C. THE PORTIONS OF THE BUILDING THAT ARE SHOWN TO BE STRUCTURALLY MODIFIED HAVE BEEN DESIGNED IN ACCORDANCE WITH RECOGNIZED ENGINEERING PRACTICE. HOWEVER, WE CANNOT ASSUME RESPONSIBILITY FOR ANY DAMAGE THAT MAY ARISE FOR ANY PORTION OF THE BUILDING NOT REDESIGNED, ALTERED OR CONSTRUCTED UNDER THIS SET OF DESIGN DRAWINGS OR OF DEFICIENCIES IN THE CONDITION OF THE BUILDING PRIOR TO RENOVATION.

COORDINATION

COORDINATE ALL SLEEVES DUCT OPENINGS AND HOLES BETWEEN TRADES. ANY CONDUITS OR PIPES EMBEDDED IN CONCRETE MUST BE IN ACCORDANCE WITH ACI 318. NO SLEEVE SHALL BE PLACED WITHIN 6" OF ANY COLUMN WITHOUT THE APPROVAL OF THE ENGINEER. SLAB BARS TO BE SPACED TO CLEAR SLEEVES BY 1 1/2" MINIMUM AND 1 1/2" MINIMUM CLEAR BETWEEN BARS IS TO BE MAINTAINED. WHERE SLEEVES ARE CLOSELY SPACED IN A GROUP, THE GROUP SHALL BE TREATED AS AN OPENING AND REINFORCED ACCORDINGLY. SUBMIT DRAWINGS SHOWING ALL OPENING SIZES AND LOCATIONS FOR APPROVAL BY STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION.

EARTHWORK

1. THE SOIL BEARING PRESSURE FOR ALL FOOTINGS IS ASSUMED TO BE 1500 PSF. SHOULD UNSTABLE SOILS BE ENCOUNTERED, FOOTINGS SHALL BE EXCAVATED AND REPLACED WITH LEAN CONCRETE. F'c=2000 PSI.
2. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'6" BELOW EXTERIOR GRADE, UNLESS NOTED OTHERWISE.
3. ALL FILL MATERIAL SHALL BE FREE OF ORGANIC MATERIAL AND SHALL BE SELECTED ON THE BASIS OF LABORATORY COMPACTION TESTS, HAVING A LIQUID LIMIT LESS THAN 40, A PLASTICITY LESS THAN 15. FILL PLACED IN MAXIMUM 8-INCH LIFTS AND COMPACTED TO 95% OF THE DRY DENSITY OBTAINED BY ASTM D1557, MODIFIED PROCTOR METHOD.

PROJECT NARRATIVE

INTERIOR RENOVATION OF EXISTING SINGLE-FAMILY SEMI-DETACHED HOUSE, 2-STORY ADDITION AT REAR OF HOUSE(INCL. BASEMENT). INTERIOR RENOVATION WILL ALSO INCLUDE NEW MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS.

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A002	EXISTING & PROPOSED FIRST FLOOR PLAN
A003	EXISTING & PROPOSED SECOND FLOOR PLAN
A004	PROPOSED ROOF PLAN/DOOR/WINDOW SCHEDULES
A005	DECK PLANS & DETAILS
A006	ELEVATIONS
A007	LONGITUDINAL SECTION/PARTIAL ENLARGED SECTION
A008	TRANSVERSE SECTION
M001	BASEMENT & FIRST FLOOR MECHANICAL FLOOR PLAN
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E001	BASEMENT ELECTRICAL PLAN & ELECTRICAL SCHEDULE
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P001	PLUMBING RISER DIAGRAMS FIXTURE SCHEDULE
S001	BASEMENT SLAB & FOOTING PLAN/FIRST FLOOR FRAMING PLAN
S002	SECOND FLOOR & ROOF FRAMING PLAN

SITE AND ZONING

ADDRESS: 4672 A ST SE
WASHINGTON DC 20019

BUILT: 1945
SSL: 5349 0030
LOT AREA: 2,168 S.F.
BUILDING AREA: 1,200 S.F.
ZONE: R-2

APPLICABLE BUILDING CODES

THIS PROJECT CONFORMS TO ALL APPLICABLE BUILDING CODES & ZONING REGULATIONS FOR THE DISTRICT OF COLUMBIA. ALL CODES SUBJECT TO THE DISTRICT OF COLUMBIA CONSTRUCTION CODES 2012 SUPPLEMENT AMENDMENTS AND ALL REVISIONS

2013 DC BUILDING CODE
2013 PROPERTY MAINTENANCE CODE
2013 GREEN CONSTRUCTION CODE
2013 DC FIRE CODE
2013 DC MECHANICAL CODE
2013 DC PLUMBING CODE
2012 ICC EXISTING BLDG CODE
2012 ICC FUEL GAS CODE
2012 ICC RESIDENTIAL CODE FOR 1 & 2 FAMILY DWELLINGS
2012 ICC SWIMMING POOL AND SPA CODE
2011 NATIONAL ELECTRICAL CODE
2012 ICC BUILDING CODE
2012 ICC MECHANICAL CODE
2012 ICC PLUMBING CODE
2012 ICC PROPERTY MAINTAINANCE CODE
2012 ICC FIRE CODE
2012 ICC ENERGY CONSERVATION CODE
2012 ICC GREEN CONSTRUCTION CODE
DCMR TITLE 12-CONSTRUCTION CODES SUPPLEMENTS (2013 & 2008)
DCMR TITLE 11 - ZONING REGULATIONS



POTTS CONSTRUCTION & DESIGN GROUP
P.O. BOX 1748
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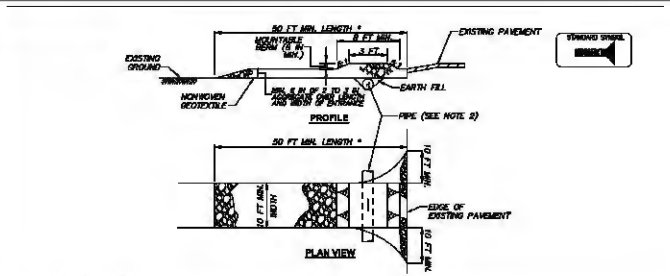
PRIVATE RESIDENCE
4672 A ST SE
WASHINGTON, DC

REVISIONS

PROJECT No.
DATE: October 1, 2018
SCALE: NONE

COVER SHEET

Board of Zoning Adjustment
District of Columbia
CASE NO. **0001**
EXHIBIT NO.3

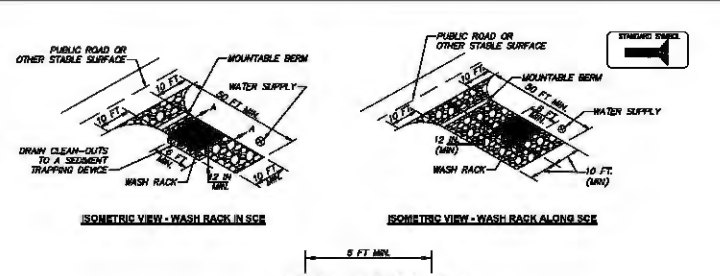


CONSTRUCTION SPECIFICATIONS

- PLACE THE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SIZE. USE A MINIMUM LENGTH OF 40 FEET FOR SINGLE-FAMILY RESIDENCE (SFR) AND A MINIMUM WIDTH OF 10 FEET. FLARE THE SIZE AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.
- PIPE ALL SURFACE WATER FLOWING TO OR AWAY FROM THE SIZE UNDER THE ENTRANCE MAINTAINING POSITIVE DRAINAGE. PROVIDE PIPE AS SPECIFIED ON APPROVED PLAN. PROVIDE PIPE INSTALLED THROUGH THE SIZE WITH A MOUNTABLE BEAM WITH 2:1 SLOPES AND A MINIMUM OF 12 INCHES OF STONE OVER THE PIPE. WHEN THE SIZE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE IS NOT NECESSARY. A MOUNTABLE BEAM IS REQUIRED WHEN THE SIZE IS NOT LOCATED AT A HIGH SPOT.
- PREPARE SUBGRADE AND PLACE NONWOVEN GEOTEXTILE.
- PLACE CRUSHED AGGREGATE (2 TO 3 INCHES IN SIZE) OR EQUIVALENT RECYCLED CONCRETE (WITHOUT REBAR) AT LEAST 6 INCHES DEEP OVER THE LENGTH AND WIDTH OF THE SIZE.
- MAINTAIN ENTRANCE IN A CONDITION THAT MINIMIZES TRACKING OF SEDIMENT AND STONE OR MAKE OTHER REPAIRS AS CONDITIONS DEMAND TO MAINTAIN CLEAN SURFACE. MOUNTABLE BEAM AND SPECIFIED DIMENSIONS. IMMEDIATELY REMOVE STONE AND/OR SEDIMENT SPILLER, DROPPER, OR DROPPER ONTO ADJACENT ROADWAY BY INCLUDING SCRAPING, AND/OR SHEDDING. INCLUDING PROVISION TO REMOVE AND TRACKED ONTO PAVEMENT IS NOT ACCEPTABLE UNLESS WASH WATER IS DIRECTED TO AN APPROVED SEDIMENT CONTROL PRACTICE.

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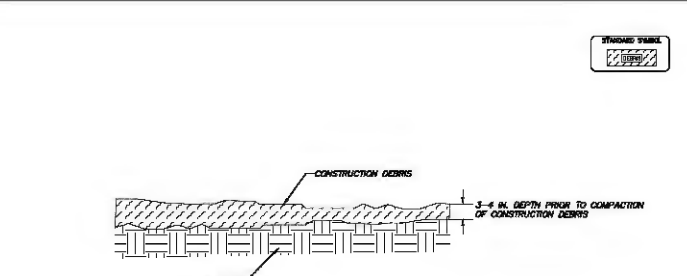


CONSTRUCTION SPECIFICATIONS

- USE A WASH RACK DESIGNED AND CONSTRUCTED/MANUFACTURED FOR THE ANTICIPATED TRAFFIC LOADS. CONCRETE, STEEL, OR OTHER MATERIALS ARE ACCEPTABLE. PRE-FABRICATED UNITS SUCH AS CATTLE GUARDS ARE ACCEPTABLE. USE MINIMUM DIMENSION OF 6 FEET x 10 FEET. ORIENT DIRECTION OF FIBERS AS SHOWN ON THE DETAIL. APPROACHES TO THE WASH RACK SHOULD BE A MINIMUM OF 20 FEET ON BOTH SIDES.
- INSTALL FROM TO, ALONG SIDE OF, OR AS PART OF THE SIZE.
- DIRECT WASH WATER TO AN APPROVED SEDIMENT TRAPPING DEVICE.
- KEEP AREA UNDER WASH RACK FREE OF ACCUMULATED SEDIMENT. IF DAMAGED, REPAIR OR REPLACE WASH RACK.

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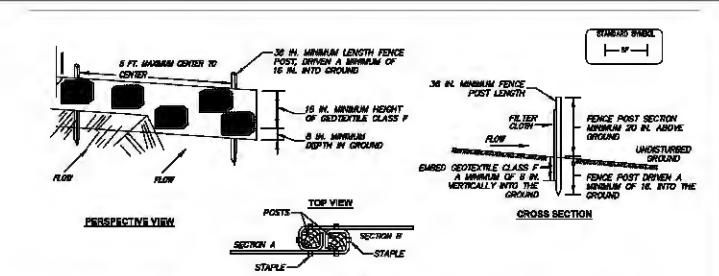


CONSTRUCTION SPECIFICATIONS

- DURING DEMOLITION, SORT MATERIALS, AND ENSURE THAT MATERIALS USED FOR EROSION CONTROL ARE APPROVED FOR THIS PURPOSE BY THE DESIGN ENGINEER OR THEIR REPRESENTATIVE.
- ENSURE THAT THE BARE GROUND SURFACE IS DRY AND COMPACTED BEFORE SPREADING THE DEBRIS LAYER.
- SPREAD AND COMPACT TO A DEPTH OF 3 TO 4 INCHES.
- DURING CONSTRUCTION, REPLENISH AND COMPACT THE SURFACE WITH ACCEPTABLE MATERIAL IF THE SURFACE IS DISTURBED, EXPOSING BARE SOIL OR IF SOIL IS TRACKED INTO THE SURFACE AND MAY BE EXPORTED OFF SITE. AT THE CLOSE OF CONSTRUCTION, PROPERLY DISPOSE OF OR REUSE THE MATERIAL, AS INDICATED ON THE CONSTRUCTION PLANS.

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CONSTRUCTION SPECIFICATIONS

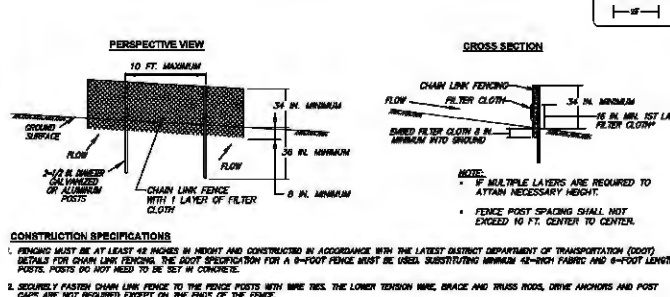
- FENCE POSTS MUST BE A MINIMUM OF 30 IN. LONG DRIVEN 18 IN. MINIMUM INTO THE GROUND. WOOD POSTS MUST BE OF SOUND QUALITY HARBORCRAFT WITH 1-1/2 IN. MINIMUM WIDTH WHEN SQUARE CUT, OR 1-3/4 IN. MINIMUM DIAMETER WHEN ROUND. STEEL POSTS MUST BE STANDARD T OR U SECTION BEARING NOT LESS THAN 100 POUND PER LINEAR FOOT.
- FASTEN GEOTEXTILE SECURELY TO EACH FENCE POST WITH NINE TIES OR STAPLES AT TOP AND MID-SECTION. GEOTEXTILE MUST MEET THE FOLLOWING REQUIREMENTS (GEOTEXTILE CLASS F):

PROPERTY	VALUE	TEST METHOD
TENSILE STRENGTH	30 LB/SQ. YD. (MIN.)	ASTM D-4836
TENSILE MODULUS	20 LB/SQ. YD. (MIN.)	ASTM D-4836
FLOW RATE	0.3 GAL./FT. MINUTE (MAX.)	ASTM D-5141
FILTRATION EFFICIENCY	75% (MIN.)	ASTM D-5141

- WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, OVERLAP, FOLD, AND STAPLE THEM TO PREVENT SEDIMENT BYPASS.
- INSPECT SILT FENCE AFTER EACH RAINFALL EVENT, AT LEAST DAILY DURING SUSTAINED RAINFALL EVENTS, AND MAINTAIN WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FABRIC HEIGHT.

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CONSTRUCTION SPECIFICATIONS

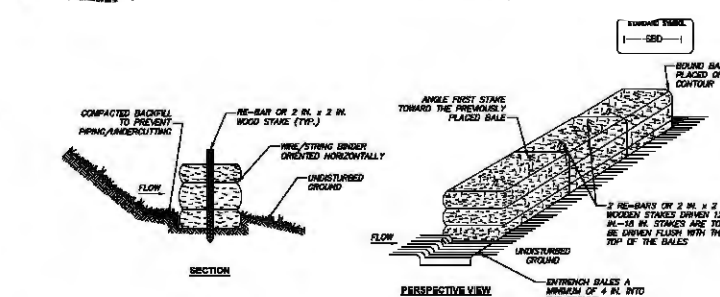
- FENCING MUST BE AT LEAST 48 INCHES IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST DISTRICT DEPARTMENT OF TRANSPORTATION (DDOT) DETAIL FOR DRIVE LANE FENCING. THE FOOT SPECIFICATION FOR A 4-FOOT FENCE MUST BE USED. SUBSTITUTING MINIMUM 48-INCH PILING AND 4-FOOT LAYOUT PILES. POSTS DO NOT NEED TO BE SET IN CONCRETE.
- SECURELY FASTEN CHAIN LINK FENCE TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND BRASS RODS, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
- SECURELY FASTEN GEOTEXTILE TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID-SECTION.
- DRESS GEOTEXTILE A MINIMUM OF 8 INCHES INTO THE GROUND.
- WHEN TWO SECTIONS OF GEOTEXTILE FABRIC ADJOIN EACH OTHER, FOLD AND OVERLAP BY 6 INCHES.
- GEOTEXTILE MUST MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F (FROM TABLE 3.2-3E BELOW):

PROPERTY	VALUE	TEST METHOD
TENSILE STRENGTH	30 LB/SQ. YD. (MIN.)	ASTM D-4836
TENSILE MODULUS	20 LB/SQ. YD. (MIN.)	ASTM D-4836
FLOW RATE	0.3 GAL./FT. MINUTE (MAX.)	ASTM D-5141
FILTRATION EFFICIENCY	75% (MIN.)	ASTM D-5141

- INSPECT SUPER SILT FENCE AFTER EACH RAINFALL EVENT, AT LEAST DAILY DURING SUSTAINED RAINFALL EVENTS, AND MAINTAIN WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FABRIC HEIGHT.

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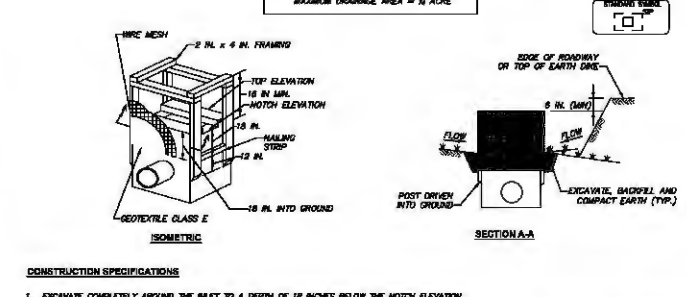


CONSTRUCTION SPECIFICATIONS

- PLACE BALES IN A ROW ON THE CONTOUR WITH THE ENDS OF EACH BALE TIGHTLY ADJUTING THE ADJACENT BALES.
- ENTRENCH EACH BALE 4 INCHES MINIMUM INTO THE SOIL AND PLACE SO THE BENCHES ARE HORIZONTAL. SOME OF THE EXCAVATED SOIL MUST BE BUILT UP AND COMPACTED AT THE UPSLOPE SIDE OF THE DIKE TO PREVENT PILING AND UNDERCUTTING.
- SECURELY FASTEN BALES IN PLACE BY EITHER TWO STAPLES OR RE-BARS DRIVEN THROUGH THE BALE 12 TO 18 INCHES INTO THE GROUND. DRIVE THE FIRST STAPLE IN EACH BALE TOWARD THE PREVIOUSLY Laid BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. DRIVE THE STAPLES FLUSH WITH THE TOP OF THE BALE.
- IMMEDIATELY INSPECT STRAW BALE BARRIERS AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL EVENTS. REPAIR OR REPLACE ANY DAMAGED STRAP IF THEY BECOME EXPOSED. REMOVE SEDIMENT WHICH THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER.
- REMOVE ALL BALES WHEN THE SITE HAS BEEN STABILIZED. GRADE FLUSH AND STABILIZE THE TRENCH WHERE THE BALES WERE LOCATED.

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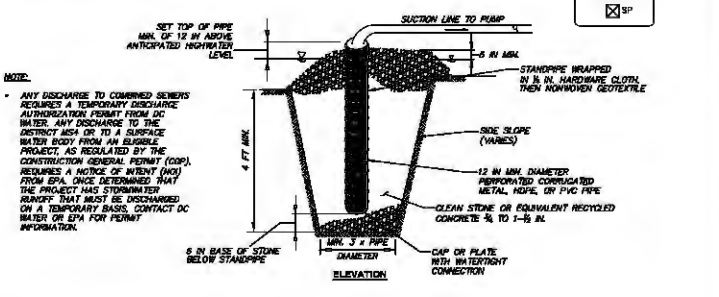


CONSTRUCTION SPECIFICATIONS

- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 18 INCHES BELOW THE NOTCH ELEVATION.
- DRIVE 2-INCH x 4-INCH CONSTRUCTION GRADE LUMBER POSTS 1 FOOT INTO THE GROUND AT EACH CORNER OF THE INLET. PLACE JAIL STRIPS BETWEEN THE POSTS ON THE ENDS OF THE INLET. ASSEMBLE THE TOP PORTION OF THE 2-INCH x 4-INCH FRAME USING THE OVERLAP JOINT SHOWN ON DETAIL 307.1. THE TOP OF THE FRAME (MEAN) MUST BE 6 INCHES BELOW ADJACENT ROADWAYS WHERE FLOODING AND SAFETY ISSUES MAY ARISE.
- STRETCH 1/2-INCH x 1/2-INCH WIRE MESH TIGHTLY AROUND THE FRAME AND FASTEN SECURELY. THE ENDS MUST MEET AND OVERLAP AT A POST.
- STRETCH THE GEOTEXTILE CLASS F TIGHTLY OVER THE WIRE MESH WITH THE GEOTEXTILE EXTENDING FROM THE TOP OF THE FRAME TO 18 INCHES BELOW THE INLET NOTCH ELEVATION. FASTEN THE GEOTEXTILE FIRMLY TO THE FRAME. THE ENDS OF THE GEOTEXTILE MUST MEET AT A POST. BE OVERLAPPED AND FOLDED, THEN FASTENED DOWN.
- BACKFILL AROUND THE INLET IN COMPACTED 8-INCH LAYERS UNTIL THE LAYER OF EARTH IS LEVEL WITH THE NOTCH ELEVATION ON THE ENDS AND TOP ELEVATION ON THE SIDES.
- IF THE INLET IS NOT IN A DRAIN, CONSTRUCT A COMPACTED EARTH DIKE ACROSS THE OPEN LANE DIRECTLY BELOW IT. THE TOP OF THIS EARTH DIKE SHOULD BE AT LEAST 6 INCHES HIGHER THAN THE TOP OF THE FRAME.
- THE STRUCTURE MUST BE INSPECTED PERIODICALLY AND AFTER EACH RAIN AND THE GEOTEXTILE REPLACED WHEN IT BECOMES CLOGGED.

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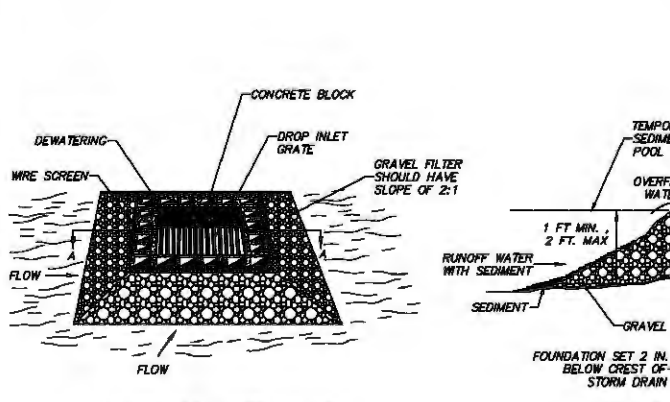


CONSTRUCTION SPECIFICATIONS

- WRAP THE PIPE WITH 1/4 INCH GALVANIZED HARDWARE CLOTH AND THEN GEOTEXTILE OVER THE HARDWARE CLOTH.
- EXCAVATE THE PIT TO 3 TIMES THE PIPE DIAMETER AND 4 FEET IN DEPTH. PLACE CLEAN 3/4 TO 1-1/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 8 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
- SET THE TOP OF PIPE A MINIMUM OF 12 INCHES ABOVE THE ANTICIPATED WATER SURFACE ELEVATION.
- BACKFILL AROUND THE OUTER PIPE WITH 3/4 TO 1-1/2 INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
- PLACE THE SUCTION HOSE FROM THE PUMP INSIDE THE PIPE TO BEGIN DEWATERING. PLACE THE DISCHARGE HOSE IN A STABILIZED AREA DOWNSLOPE OF UNSTABILIZED AREAS TO PREVENT EROSION. MEADOW OR WOODED AREAS ARE PREFERRED DISCHARGE LOCATIONS BUT STORM DRAINS AND PAVED AREAS ARE ACCEPTABLE.

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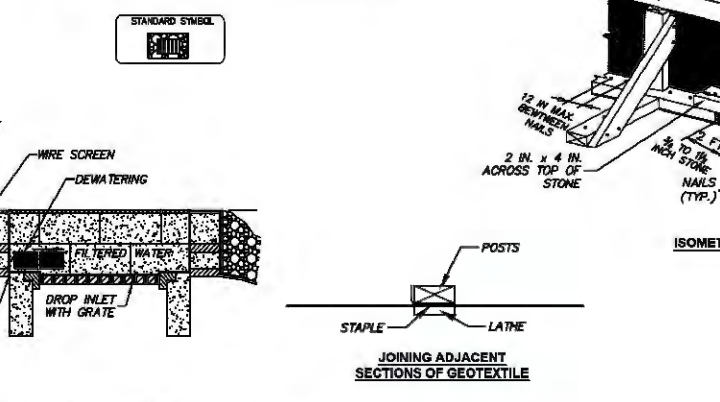


CONSTRUCTION SPECIFICATIONS

- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 2 INCHES BELOW THE CREST OF THE STORM DRAIN.
- THE BOTTOM ROW OF BLOCKS IS PLACED AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. ONE BLOCK IS PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. IF NEEDED, LATERAL SUPPORT MAY BE GIVEN TO SUBSEQUENT ROWS BY PLACING 2 INCH x 4 INCH WOOD STUDS THROUGH BLOCK OPENINGS.
- HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/4 INCH OPENINGS MUST BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- PLACE CLEAN #57 GRAVEL 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH TO AN EVEN GRADE.
- FOR SEDIMENT STORAGE, PROVIDE A MINIMUM EXCAVATED DEPTH OF 1.5 FEET. SIDE SLOPES SHOULD NOT BE STEEPER THAN 2:1.

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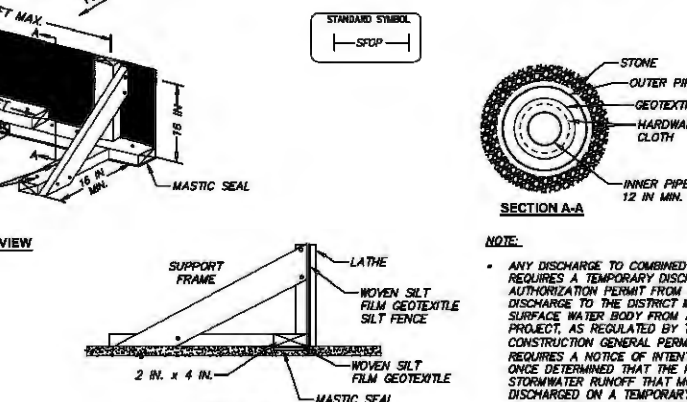


CONSTRUCTION SPECIFICATIONS

- USE NOMINAL 2 INCH BY 4 INCH LUMBER.
- USE WOVEN SLIT FILM GEOTEXTILE AS SPECIFIED IN APPENDIX A.
- SPACE UPRIGHT SUPPORTS NO MORE THAN 10 FEET APART.
- PROVIDE A 2-FOOT OPENING BETWEEN EVERY SET OF SUPPORTS AND PLACE STONE IN THE OPENING OVER GEOTEXTILE.
- KEEP SILT FENCE TAUT AND SECURELY STAPLE TO THE UPSLOPE SIDE OF UPRIGHT SUPPORTS. EXTEND GEOTEXTILE UNDER 2x4.
- WHERE TWO SECTIONS OF GEOTEXTILE ADJOIN - OVERLAP, FOLD, AND STAPLE TO POST IN ACCORDANCE WITH THIS DETAIL. ATTACH LATHE.
- PROVIDE A MASTIC SEAL BETWEEN PAVEMENT, GEOTEXTILE, AND 2x4 TO PREVENT SEDIMENT-LOADED WATER FROM ESCAPING BENEATH SILT FENCE INSTALLATION.
- SECURE BOARDS TO PAVEMENT WITH 400 5-INCH MINIMUM LENGTH NAILS.
- REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN SILT FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. MAINTAIN WATER TIGHT SEAL ALONG BOTTOM. REPLACE STONE IF DISPLACED.

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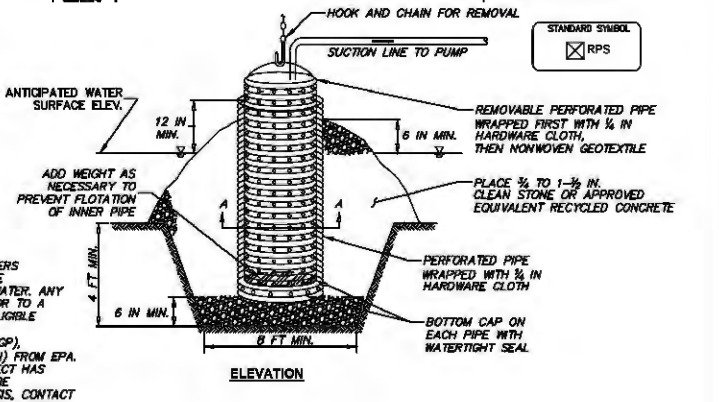


CONSTRUCTION SPECIFICATIONS

- WRAP THE INNER PIPE WITH 1/4 INCH HARDWARE CLOTH AND THEN GEOTEXTILE OVER THE HARDWARE CLOTH. WRAP THE OUTER PIPE WITH 1/4 INCH HARDWARE CLOTH.
- EXCAVATE 8 FEET x 8 FEET x 4 FEET DEEP PIT FOR PIPE PLACEMENT. PLACE CLEAN 3/4 TO 1-1/2 INCH STONE OR EQUIVALENT RECYCLED CONCRETE, 6 INCHES IN DEPTH PRIOR TO PIPE PLACEMENT.
- BOTH INNER AND OUTER PIPES MUST EXTEND A MINIMUM OF 12 INCHES ABOVE THE ANTICIPATED WATER SURFACE ELEVATION (OR RISER CREST ELEVATION WHEN DEWATERING A BASIN).
- BACKFILL PIT AROUND THE OUTER PIPE WITH 3/4 TO 1-1/2 INCH CLEAN STONE OR EQUIVALENT RECYCLED CONCRETE AND EXTEND STONE A MINIMUM OF 6 INCHES ABOVE ANTICIPATED WATER SURFACE ELEVATION.
- PLACE THE SUCTION HOSE FROM THE PUMP INSIDE THE INNER PIPE TO BEGIN DEWATERING. PLACE THE DISCHARGE HOSE IN A STABILIZED AREA DOWNSLOPE OF UNSTABILIZED AREAS TO PREVENT EROSION. MEADOW OR WOODED AREAS ARE PREFERRED DISCHARGE LOCATIONS BUT STORM DRAINS AND PAVED AREAS ARE ACCEPTABLE.

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 701.1



CONSTRUCTION SPECIFICATIONS

- EXCAVATE COMPLETELY AROUND THE INLET TO A DEPTH OF 2 INCHES BELOW THE CREST OF THE STORM DRAIN.
- THE BOTTOM ROW OF BLOCKS IS PLACED AGAINST THE EDGE OF THE STORM DRAIN FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. ONE BLOCK IS PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. IF NEEDED, LATERAL SUPPORT MAY BE GIVEN TO SUBSEQUENT ROWS BY PLACING 2 INCH x 4 INCH WOOD STUDS THROUGH BLOCK OPENINGS.
- HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/4 INCH OPENINGS MUST BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- PLACE CLEAN #57 GRAVEL 2 INCHES BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH TO AN EVEN GRADE.
- FOR SEDIMENT STORAGE, PROVIDE A MINIMUM EXCAVATED DEPTH OF 1.5 FEET. SIDE SLOPES SHOULD NOT BE STEEPER THAN 2:1.

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 307.6

**BLOCK AND GRAVEL DROP INLET PROTECTION
 STORM DRAIN INLET PROTECTION**

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 307.6

SILT FENCE ON PAVEMENT

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 310.1

**REMOVABLE PUMPING STATION
 DOEE1**

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 701.1

**BLOCK AND GRAVEL DROP INLET PROTECTION
 STORM DRAIN INLET PROTECTION**

DATE: _____
 REVISIONS: _____

**DISTRICT OF COLUMBIA
 DEPARTMENT OF ENERGY & ENVIRONMENT**
 DWG. NO. 307.6

CONSTRUCTION SEQUENCE

CONTRACTOR TO SECURE ALL NECESSARY PERMITS, AND CONDUCT A PRE-CONSTRUCTION MEETING WITH SEDIMENT CONTROL INSPECTOR, (202) 535.2240. PRIOR TO THE START OF CONSTRUCTION OR ANY LAND DISTURBANCE.

- 1) INSTALL SEDIMENT CONTROL MEASURES AS SHOWN ON THIS PLAN.
- 2) REMOVE EXISTING VEGETATION AS NECESSARY
- 3) BEGIN ROUGH GRADING OPERATIONS TO BRING LOT TO GRADE
- 4) PROCEED WITH FOUNDATION CONSTRUCTION FOR PRIMARY BUILDING.
- 5) CONTINUE CONSTRUCTION OF BUILDING, INCLUDING ALL INTERIOR PLUMBING AND APPURTENANCES
- 6) WHEN INDOOR PLUMBING IS IN PLACE, BEGIN AND COMPLETE CONSTRUCTION AND INSULATION OF WATER AND SITWORK SERVICE CONNECTION TO THE HOUSE FROM THE EXISTING WATER METER AND EXISTING SEWER CLEANOUTS, AS SHOWN ON PLAN. IN ADDITION, ALL GAS AND ELECTRIC CONNECTION ARE TO BE MADE AT THIS TIME.
- 8) INSTALL EXTERIOR DRAINAGE FEATURES
- 9) COMPLETE CONSTRUCTION OF BUILDING AND ALL SITE APPURTENANCES, STABILIZE
- 10) ALL DISTURBED
- 11) REMOVE SEDIMENT CONTROL DEVICES AFTER ENTIRE SITE IS STABILIZED AND PERMISSION IS RECEIVED FROM THE SEDIMENT CONTROL INSPECTOR

DDOE SOIL EROSION AND SEDIMENT CONTROL PLAN 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 (c)]
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) business days before the commencement of a land-disturbing activity. [21 DCMR § 503.7 (a)]
4.	A copy of the approved plan set will be maintained at the construction site from the date that construction activities begin to the date of final stabilization and will be available for DDOE inspectors. [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 (b)]
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 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)]
13.	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 18 x 24 inches in size and made of materials that will withstand weather for the duration 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 ("Construction-Erosion Runoff"). [21 DCMR § 543.22]
14.	If a site disturbs 5,000 square feet of land or greater, the ESC plan must contain the following statement: <i>The Responsible Person</i> must be present or available while the site is in a land-disturbing phase. <i>The Responsible Person</i> is charged with being available to (a) inspect the site and its ESC measures at least once biweekly and after a rainfall event to identify and remedy each potential or actual erosion problem, (b) respond to each potential or actual erosion problem identified by construction personnel, and (c) speak on site with DDOE to remedy each potential or actual erosion problem. <i>A Responsible Person</i> shall be (a) licensed in the District of Columbia as a civil or geotechnical engineer, a land surveyor, or architect; or (b) certified through a training program that DDOE approves, including a course on erosion control provided by another jurisdiction or professional association. During construction, the <i>Responsible Person</i> shall keep on site proof of professional licensing or of successful completion of a DDOE-approved training program. [21 DCMR § 547]

SCOPE OF WORK

ERECT PROPOSED REAR ADDITION AND DECK. DEMOLISH FRONT PORCH.

AREA OF L.O.D. (DISTURBED AREA) = 1,000 SQFT
EXCAVATION VOLUME = 1,200 CUFT
EXCAVATION VOLUME = 20 CUBIC YARDS

SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

ERECT PROPOSED REAR ADDITION AND DECK. DEMOLISH FRONT PORCH.

EXISTING SITE CONDITIONS

THIS LOT IS VACANT.

ADJACENT AREAS

THIS NEIGHBORHOOD CAN BE CHARACTERIZED AS RESIDENTIAL. THIS PARTICULAR LOT IS BOUNDED TO THE SOUTH BY A SEMI-DETACHED SFD TO THE NORTH BY ANOTHER SEMI-DETACHED SFD TO THE EAST BY A 16' PUBLIC ALLEY AND TO THE WEST BY A STREET S.E.

SEDIMENT CONTROL MEASURES

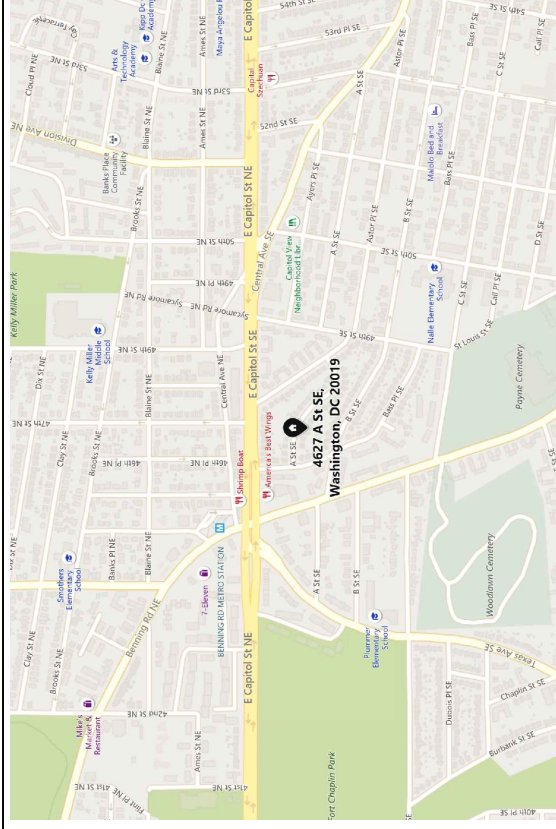
SEE SEDIMENT CONTROL SHEET FOR SEDIMENT CONTROL SEQUENCE OF CONSTRUCTION DETAILED SEDIMENT CONTROL INFORMATION DETAIL SPECIFICATION, ETC. SILT FENCE, SUPER SILT FENCE, INLET PROTECTION AND STABILIZED CONSTRUCTION ENTRANCE PRACTICES WILL SERVE TO PROVIDE MOST OF THE NECESSARY SEDIMENT CONTROL FOR THIS SITE.

PERMANENT STABILIZATION
THE SITE SHALL BE PERMANENTLY STABILIZED PER THE SEQUENCE OF CONSTRUCTION AND IN ACCORDANCE WITH DC STANDARDS

SQUARE: 5349 LOT: 0030

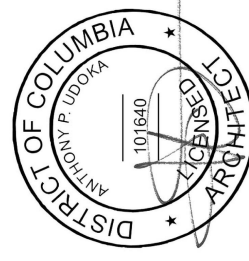
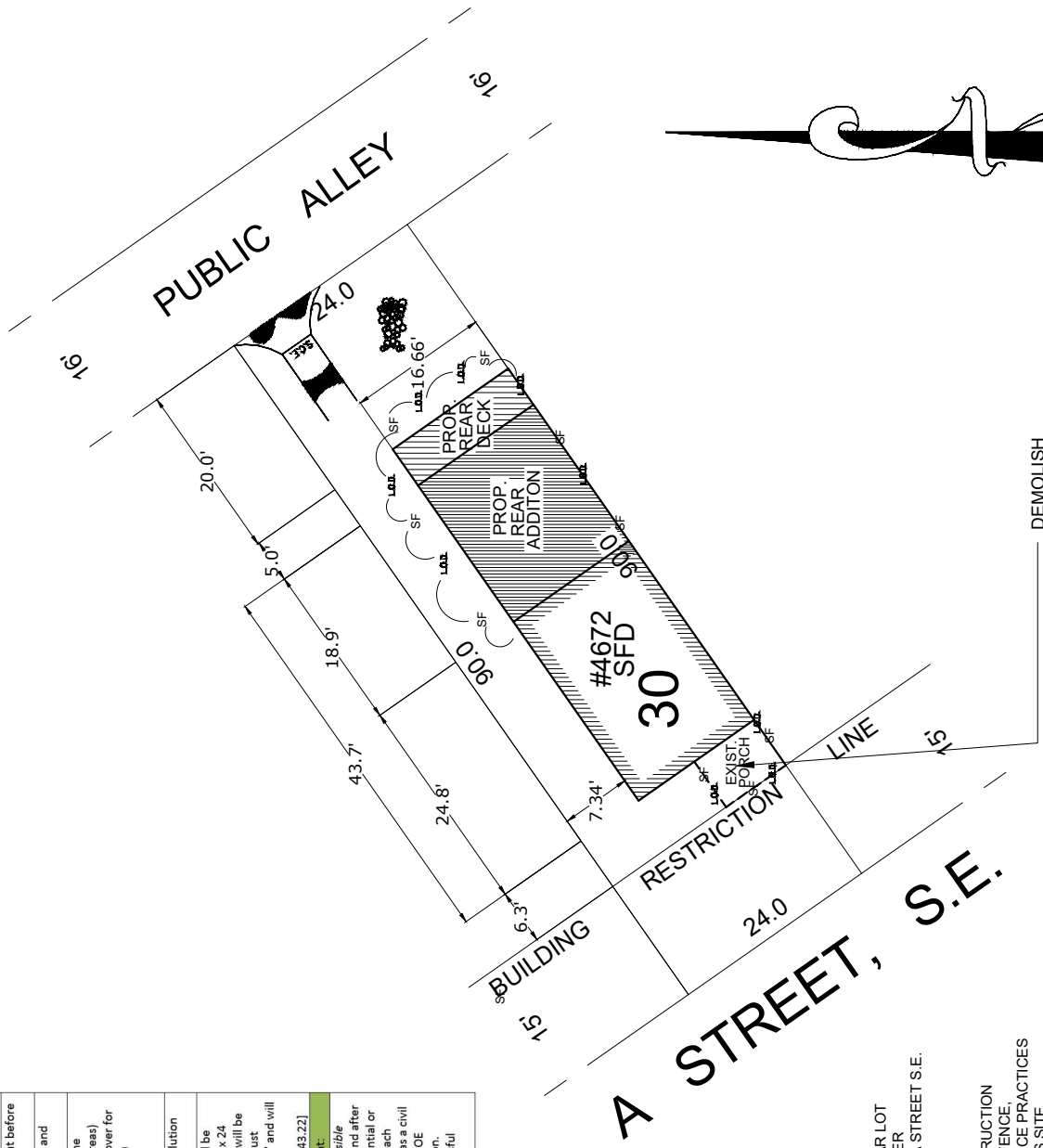
SOIL AND EROSION PLAN

SCALE: 1" = 20'-0"



VICINITY MAP

- LEGEND:**
- L.O.D.— LIMIT OF DISTURBANCE
 - SF-SF- SILT FENCE
 - STABILIZED CONSTRUCTION ENTRANCE
 - EXISTING CONTOURS
 - - - PROPOSED CONTOURS
 - FILL AREA
 - X SPOT ELEVATION
 - STOCKPILE AREA



DOEE002

CLIENT: KOREY MARBLE
DRAWN BY: O.A.
CHECKED BY: O.A.
DATE: 14TH FEBRUARY 2019

REVISIONS


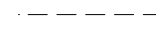

REV	REVISION	DATE
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4672 A STREET S.E. WASHINGTON, DC 20019


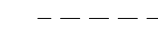

1201 HAMLIN STREET N.E.
202.276.1999

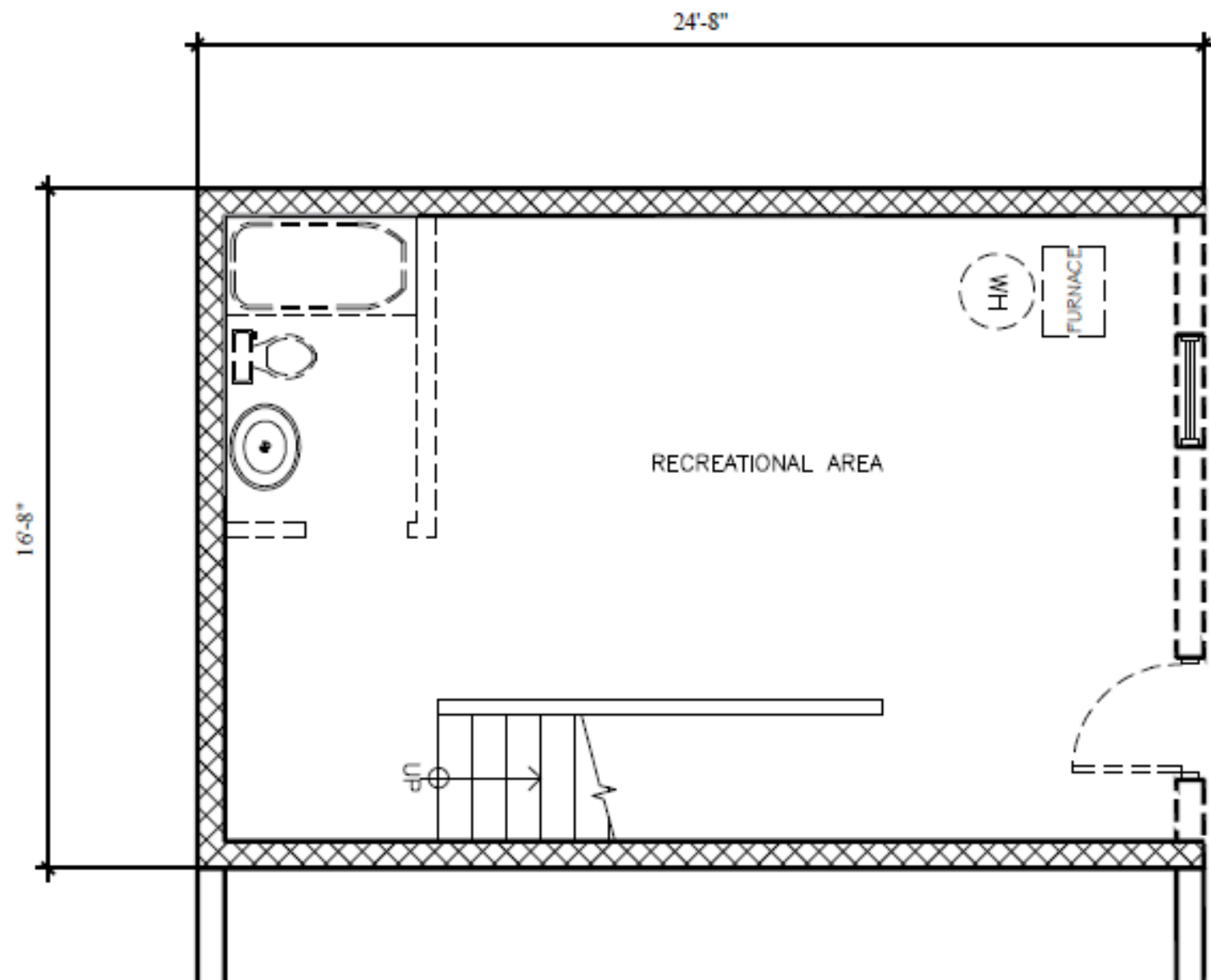
D+O INC.
DESIGN CONSULTANTS

DEMOLITION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  ITEMS TO BE REMOVED
-  EXISTING INTERIOR WALL






DEMOLITION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  ELEMENTS TO BE REMOVED
-  EXISTING INTERIOR WALL



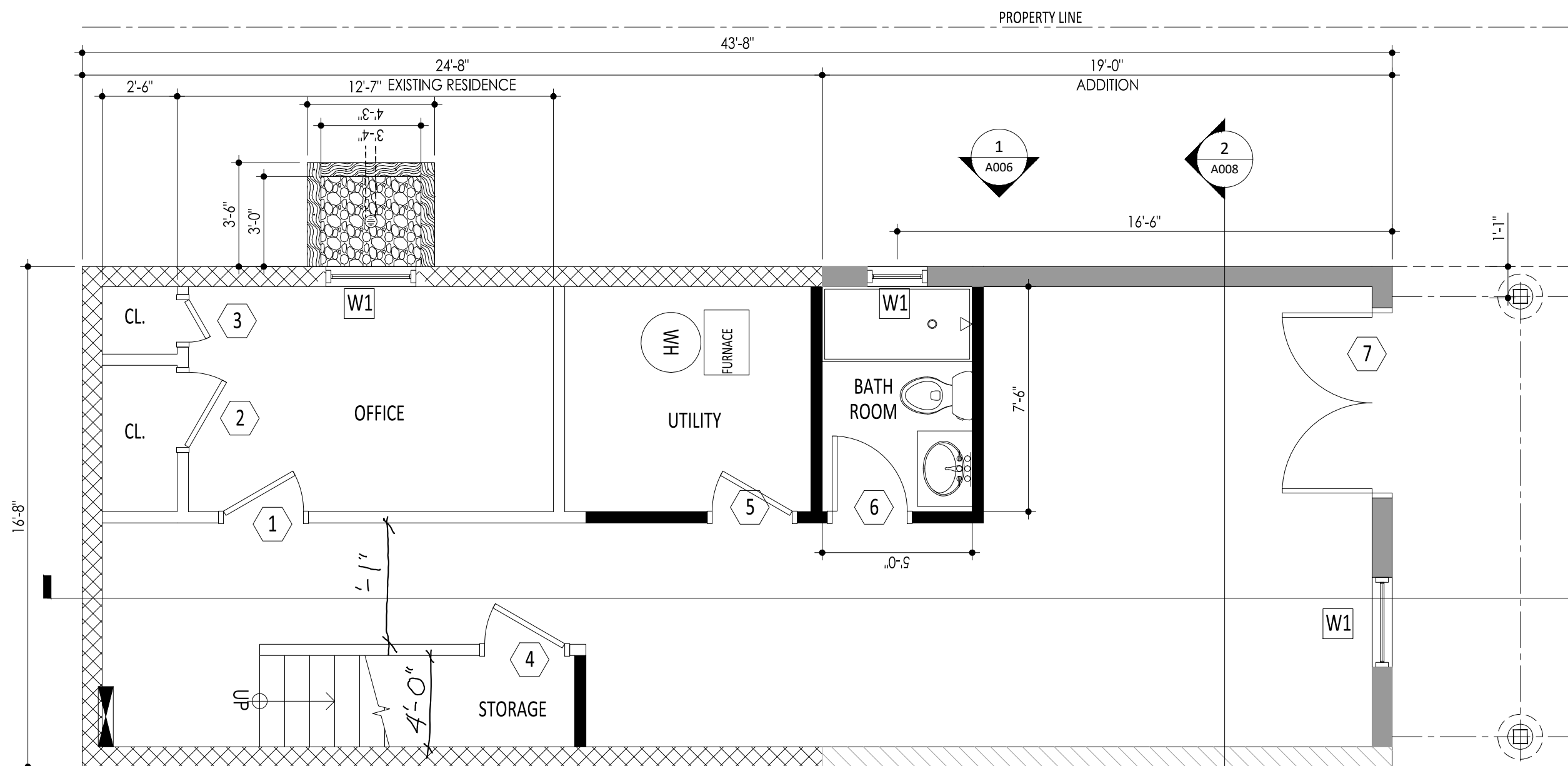
1 EXISTING BASEMENT FLOOR PLAN
SCALE: 1/4"=1'-0"

CONSTRUCTION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  EXISTING INTERIOR WALL
-  NEW INTERIOR WALL
-  NEW EXTERIOR WALL PER UL U330
-  NEW 2-HOUR COMMON WALL PER UL U301

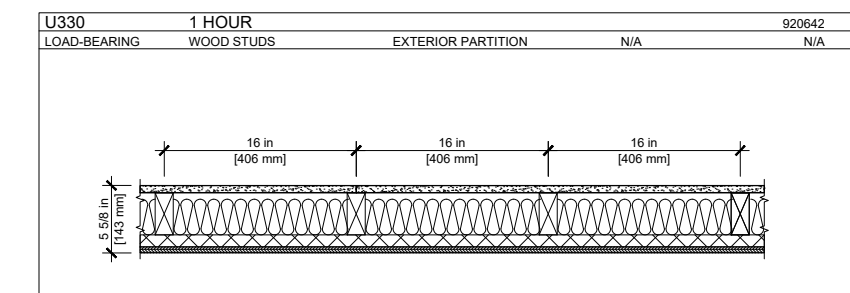


POTTS CONSTRUCTION & DESIGN GROUP
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BELTSVILLE MD 20704



2 PROPOSED BASEMENT FLOOR PLAN
1/4"=1'-0"

UL U330

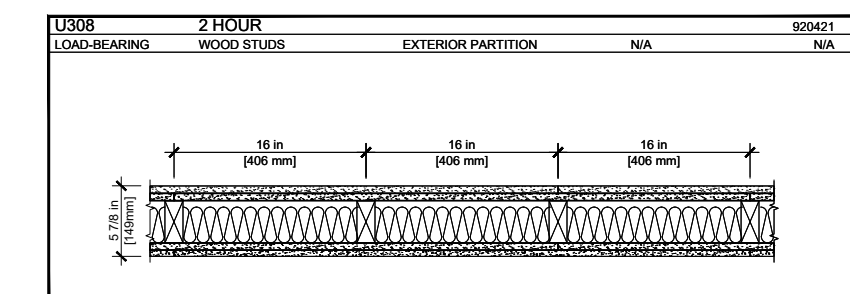


EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 1-HOUR
STC: NA
WL THK.: 5 5/8"

ASSEMBLY OPTIONS:

- GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
- GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
- WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
- INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
- FOAMED PLASTIC 1" FOAMED PLASTIC INSULATION
- PLYWD. SHEATHING MIN. 1/2" THK.-APPLIED VERT. WITH VERTICAL JOINTS LOCATED OVER STUDS W/ 10D GA. NAILS 6" O.C. AT EDGES AND 12" O.C. IN THE FIELD

UL U308



EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 2-HOUR
STC: NA
WL THK.: 5 5/8"

ASSEMBLY OPTIONS:

- GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
- GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
- WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
- INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
- GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
- CEMENT BOARD 1/2" THK. CEMENT BOARD-APPLIED HORIZ. OR VERT.






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4672 A ST SE
WASHINGTON, DC

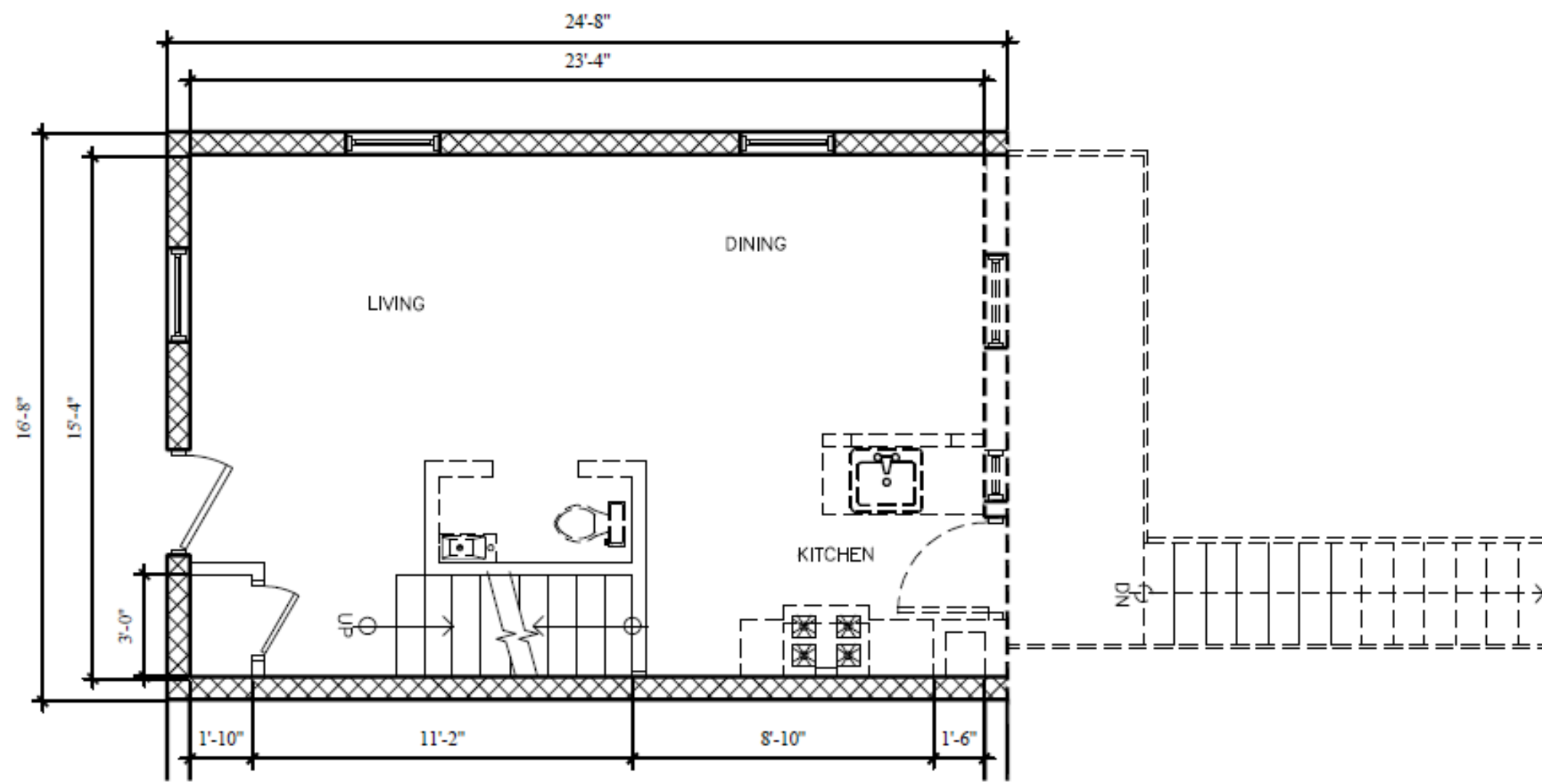
REVISIONS

EXISTING/PROPOSED
BASEMENT FLOOR PLAN

A001





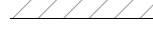
DEMOLITION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  ELEMENTS TO REMOVED
-  EXISTING INTERIOR WALL

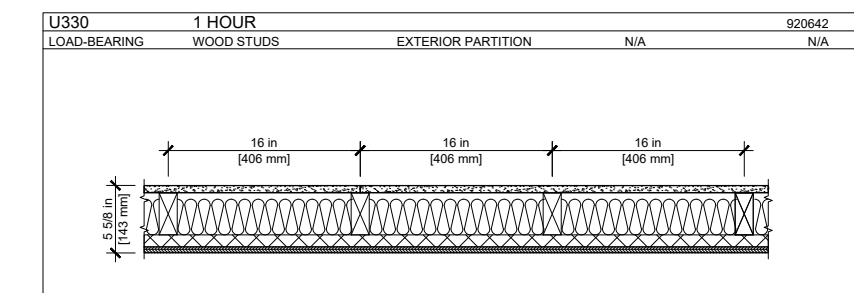


1 EXISTING FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"

CONSTRUCTION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  EXISTING INTERIOR WALL
-  NEW INTERIOR WALL
-  NEW EXTERIOR WALL PER UL U330
-  NEW 2-HOUR COMMON WALL PER UL U301

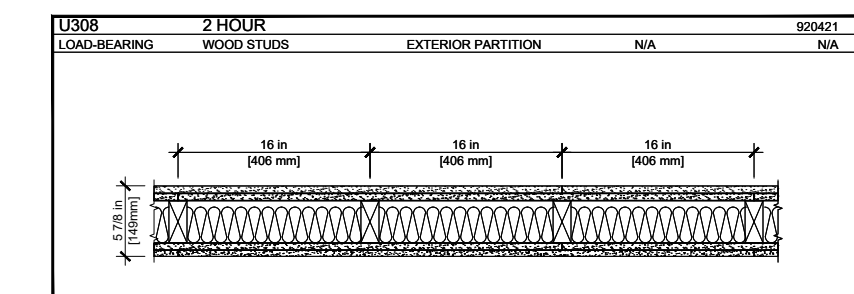
UL U330



EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 1-HOUR
STC: NA
WL THK.: 5 3/8"

ASSEMBLY OPTIONS:
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
FOAMED PLASTIC 1" FOAMED PLASTIC INSULATION
PLYWD. SHEATHING MIN. 1/2" THK.-APPLIED VERT. WITH VERTICAL JOINTS LOCATED OVER STUDS W/ 10D GA. NAILS 6" O.C. AT EDGES AND 12" O.C. IN THE FIELD

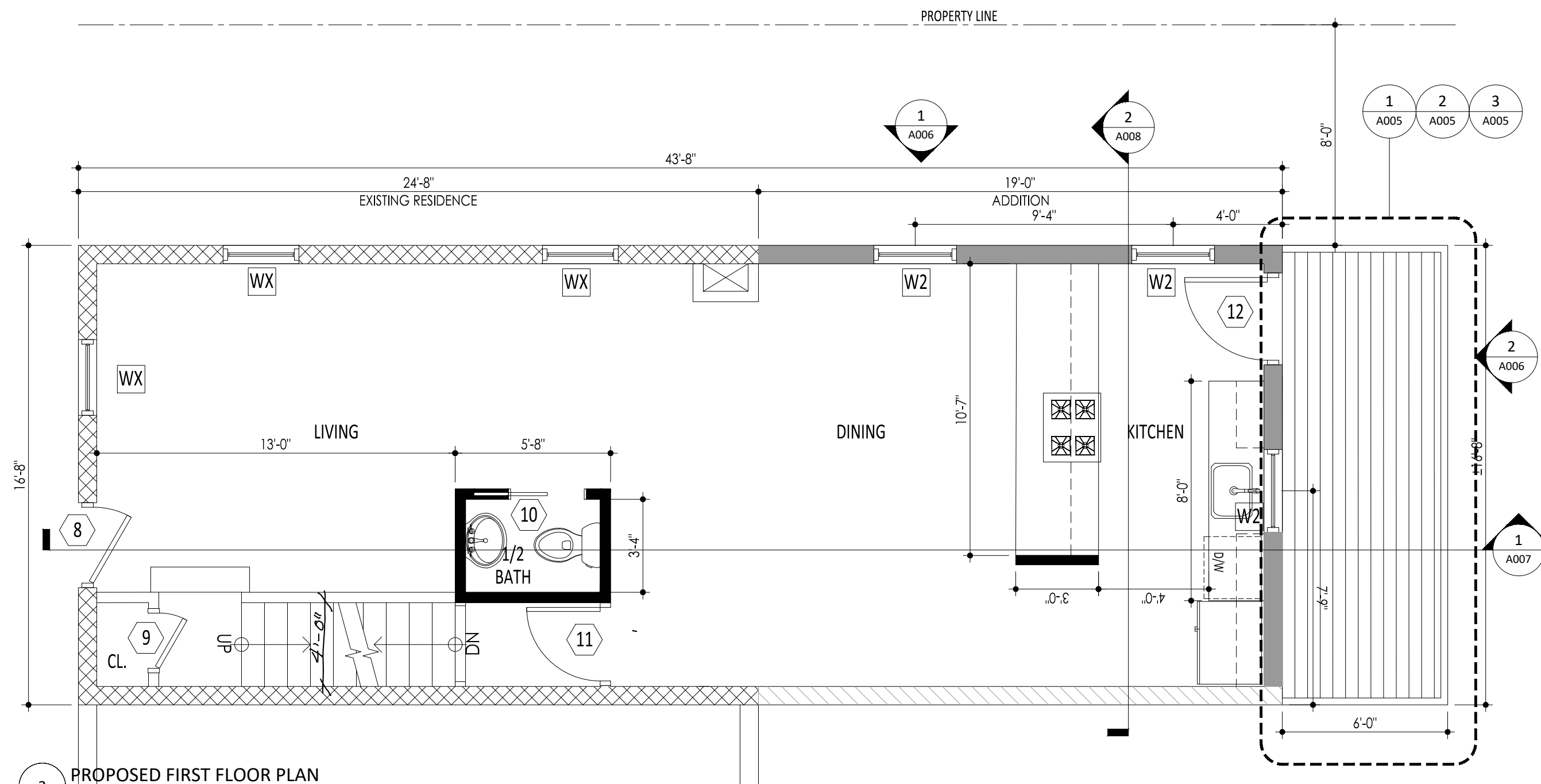
UL U308



EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 2-HOUR
STC: NA
WL THK.: 5 3/8"

ASSEMBLY OPTIONS:
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
CEMENT BOARD 1/2" THK. CEMENT BOARD-APPLIED HORIZ. OR VERT.

PROPERTY LINE



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



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P.O. BOX 1748
BELTSVILLE MD 20704






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4672 A ST SE
WASHINGTON, DC

REVISIONS





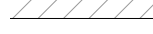
EXISTING/PROPOSED
FIRST FLOOR PLAN

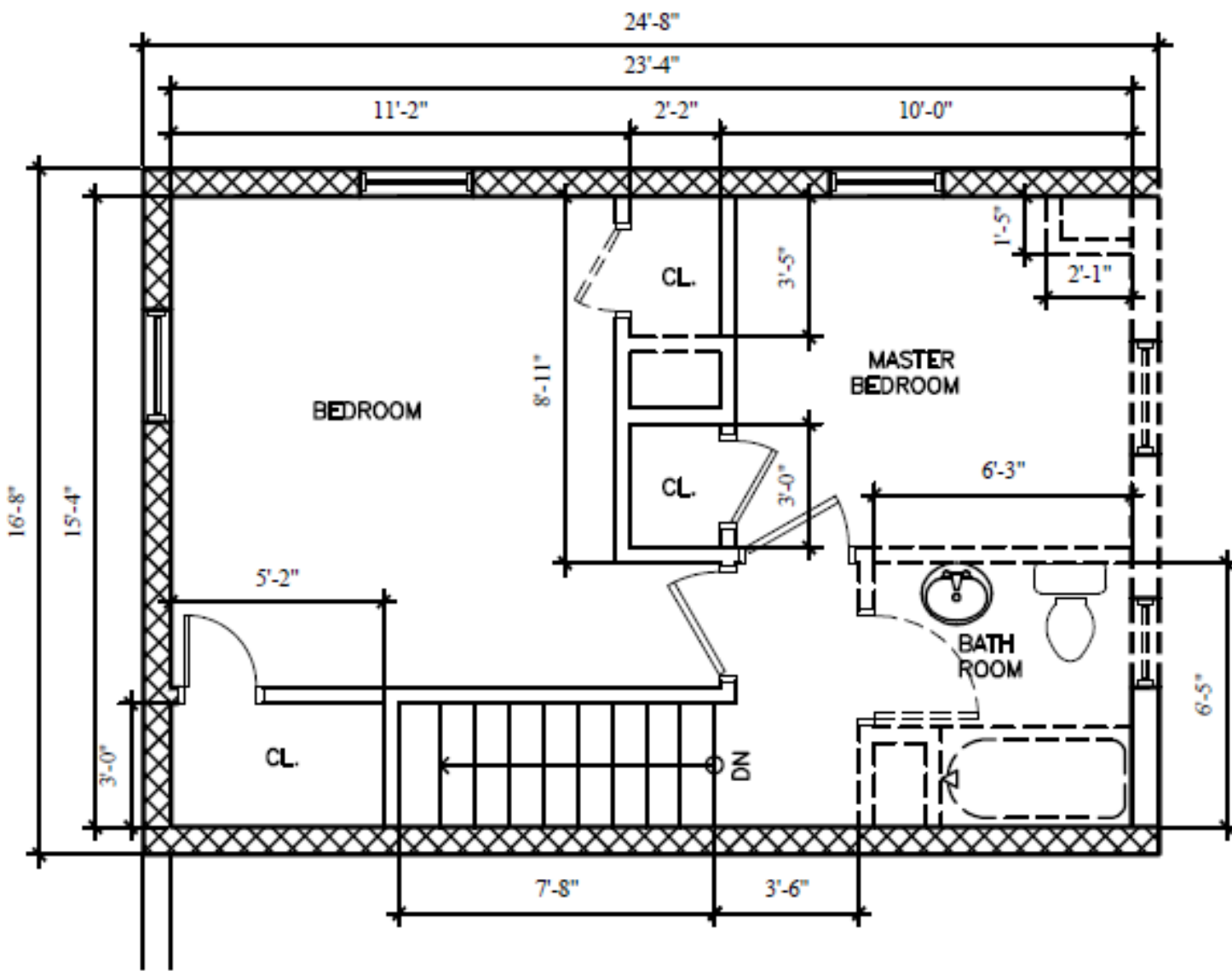
A002

DEMOLITION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  ELEMENTS TO REMOVED
-  EXISTING INTERIOR WALL

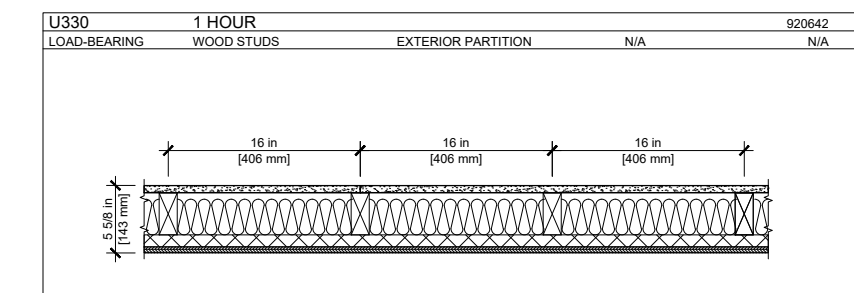
CONSTRUCTION LEGEND

-  EXISTING EXTERIOR WALL TO REMAIN
-  EXISTING INTERIOR WALL
-  NEW INTERIOR WALL
-  NEW EXTERIOR WALL PER UL U330
-  NEW 2-HOUR COMMON WALL PER UL U301



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

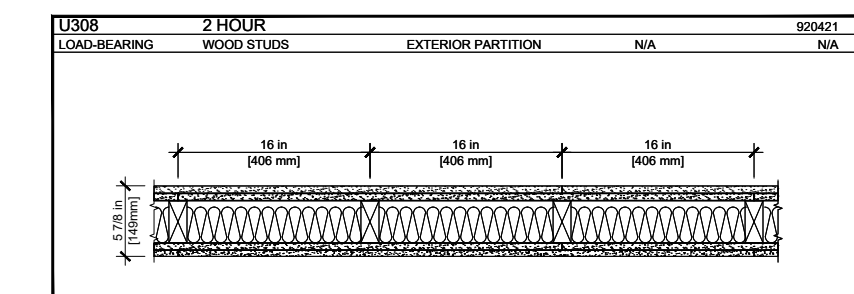
UL U330



EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 1-HOUR
STC: NA
WL THK.: 5 3/8"

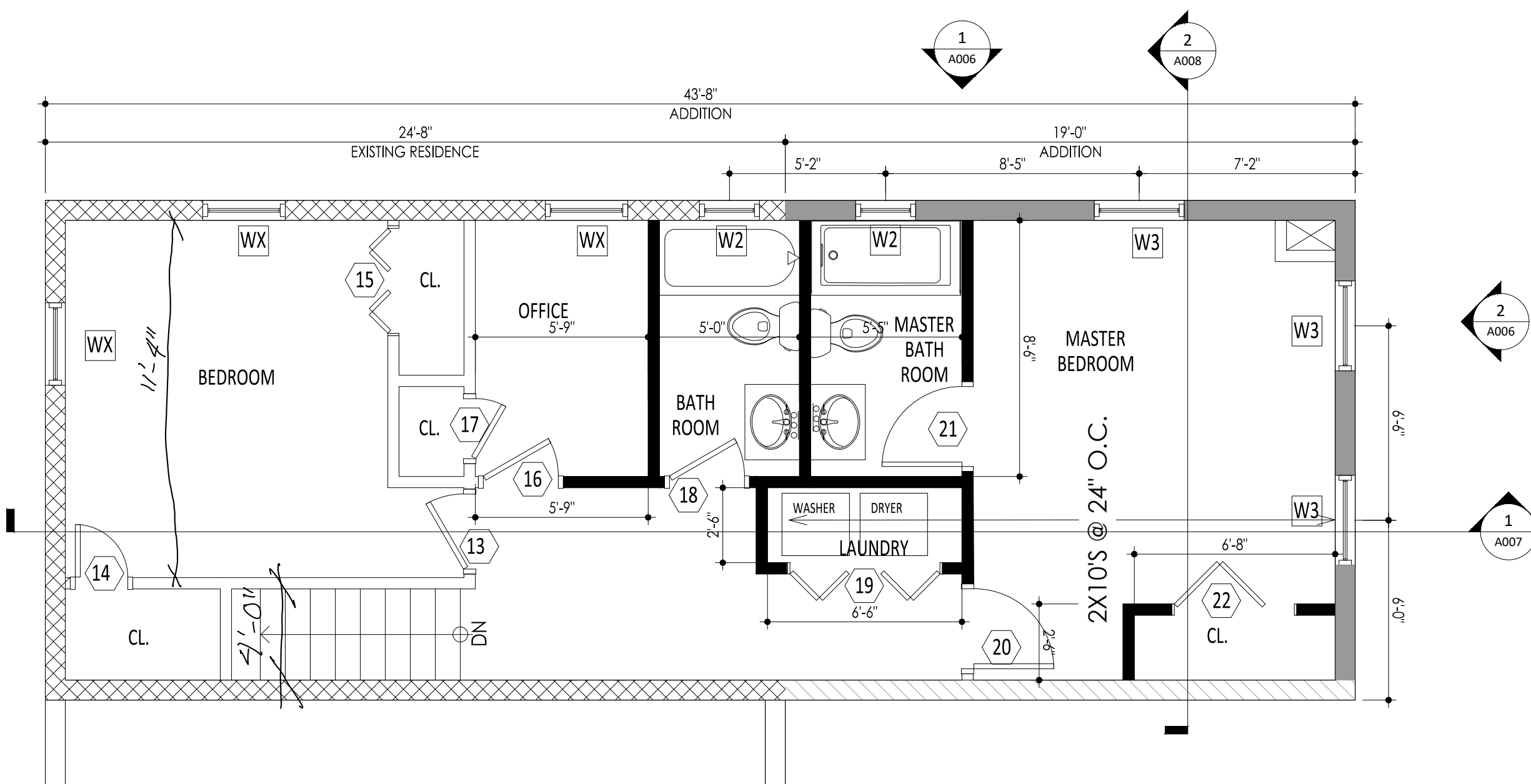
ASSEMBLY OPTIONS:
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
FOAMED PLASTIC 1" FOAMED PLASTIC INSULATION
PLYWD. SHEATHING MIN. 1/2" THK.-APPLIED VERT. WITH VERTICAL JOINTS LOCATED OVER STUDS W/ 10D GA. NAILS 6" O.C. AT EDGES AND 12" O.C. IN THE FIELD

UL U308



EXTERIOR PARTITIONS: WOOD STUD (LOAD BEARING)
FIRE RATING: 2-HOUR
STC: NA
WL THK.: 5 3/8"

ASSEMBLY OPTIONS:
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
WOOD STUDS 2 X 6 WD. STUDS @16" O.C.
INSULATION MIN. 5 1/2" THICK MINERAL WOOL.
GYP. BOARD 5/8" THK. GYP. BOARD-APPLIED HORIZ. OR VERT.
CEMENT BOARD 1/2" THK. CEMENT BOARD-APPLIED HORIZ. OR VERT.



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



POTTS CONSTRUCTION & DESIGN GROUP
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WASHINGTON, DC

REVISIONS

PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

EXISTING/PROPOSED
SECOND FLOOR PLAN

A003

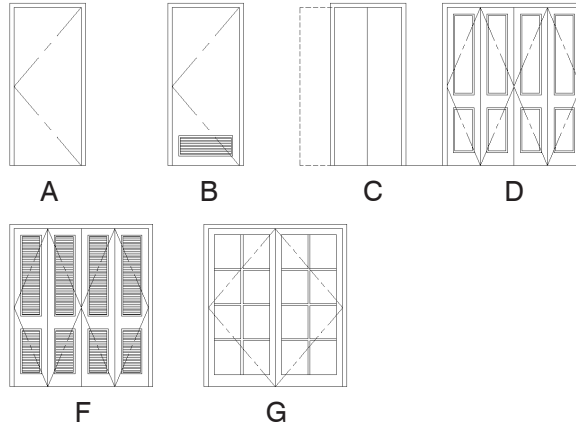
DOOR SCHEDULE-BASEMENT								
NO.	DOOR LOCATION	TYPE	SIZE-WXH	THK	DOOR CONSTRUCTION	FRAME	FRAME FIN.	REMARKS
BASEMENT								
1	OFFICE	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
2	OFFICE	A	1'-6" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
3	OFFICE	A	2'-6" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
4	STORAGE	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
5	UTILITY	B	2'-6" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
6	BATHROOM	A	2'-6" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
7	BASEMENT	G	FR. 3'-0" X 6'-8"	1 3/4"	WOOD/VINYL/GL.	WD.	BY OWNER	REAR DOORS

DOOR SCHEDULE-1ST FLOOR								
NO.	DOOR LOCATION	TYPE	SIZE-WXH	THK	DOOR CONSTRUCTION	FRAME	FRAME FIN.	REMARKS
1ST FLOOR								
8	1ST FLOOR	A	2'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	ENTRY DOOR-EXISTING
9	CLOSET	A	3'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
10	1/2 BATH	C	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
11	1ST FLOOR	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
12	1ST FLOOR	B	3'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	REAR DOOR

DOOR SCHEDULE-SECOND FLOOR								
NO.	DOOR LOCATION	TYPE	SIZE-WXH	THK	DOOR CONSTRUCTION	FRAME	FRAME FIN.	REMARKS
SECOND FLOOR								
13	BEDROOM	A	2'-4" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
14	CLOSET	A	1'-9" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
15	CLOSET	D	FR. 3'-4" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
16	OFFICE	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
17	CLOSET	A	2'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	EXISTING
18	BATHROOM	A	2'-4" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
19	WASHER/DRYER	F	FR. 5'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
20	BEDROOM	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
21	MASTER BATHROOM	A	2'-8" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	
22	CLOSET	E	4'-0" X 6'-8"	1 3/4"	WOOD	WD.	BY OWNER	

WINDOW SCHEDULE					
NO.	SIZE-WXH	TYPE	FRAME	FRAME FIN.	REMARKS
W1	3'-0" X 3'-0"	CASEMENT	WD.	VINYL	EGRESS WINDOW
W2	2'-0" X 3'-0"	CASEMENT	WD.	VINYL	
W3	3'-0" X 3'-0"	CASEMENT	WD.	VINYL	
WX	-	-	-	-	EXISTING

DOOR TYPES

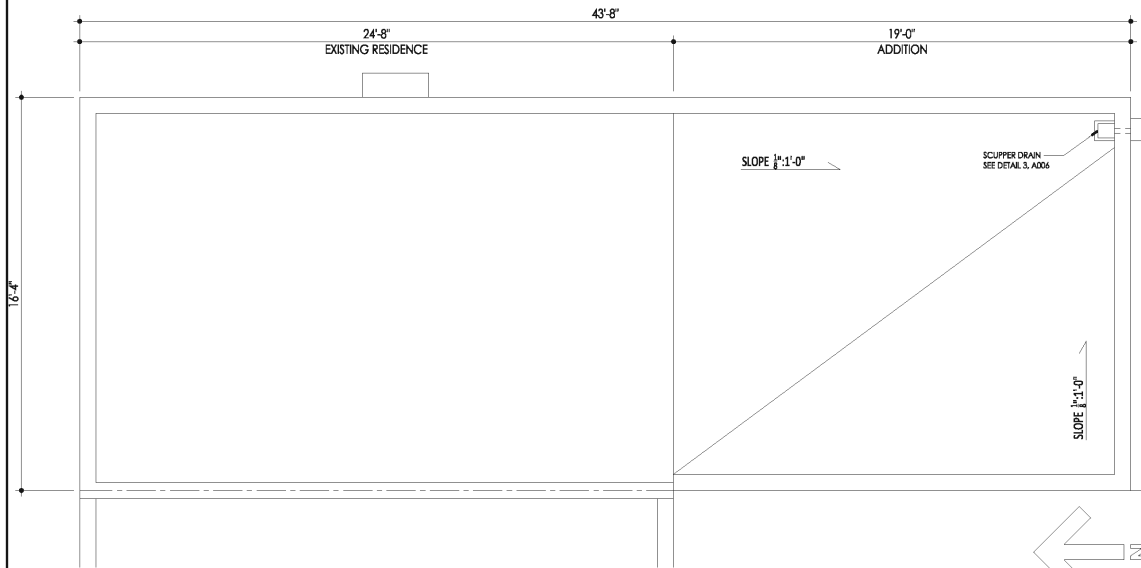


ENERGY NOTES

2018 DC ENERGY CODE		FRAMING/ROUGH-IN INSPECTIONS	PRESCRIPTIVE CODE VALUE
402.1.1, 402.3.4	SR	Door U-factor	U4.35
402.1.1, 402.3.2, 402.3.3, 402.3.6	SR	Glazing U-factor (Area weighted average, show proof of average if any U-value is less than 0.35)	U4.35
402.1.1, 402.3.1, 402.3.3, 402.3.6	SR	Glazing SHGC value (Area weighted average)	SHGC 0.4
403.1.3	I	U-factor of fenestration products (see NFRC or the default table values)	-
403.1.3	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-4.0 Interior R-8 Exterior
403.2	I	Mass wall exterior insulation installed per manufacturer's instructions.	-

CONSTRUCTION NOTES

- ALL SOURCES OF AIR LEAKAGE IN THE BUILDING THERMAL ENVELOPE ARE SEALED, CAULKED, GASKETED, OR WEATHER STRIPPED TO MINIMIZE AIR LEAKAGE.
- ROOF R-VALUE: Above Deck: R-25 c.i.
Attic: R-19+R-11
R-38
- ROOF INSULATION INSTALLED PER MANUFACTURER'S INSTRUCTIONS. BLOWN OR Poured LOOSE FIT INSULATION INSTALLED ONLY WHERE THE ROOF SLOPE $\geq 3/12$.
- ROOF TO BE PAINTED W/ 2 COATS MIN. OF HIGH REFLECTANCE PAINT W/ MIN. THERMAL EMITTANCE OF SR1 82.
- THERMAL ROOF INSULATION CANNOT BE INSTALLED ON TOP OF A SUSPENDED CEILING.
- RAINWATER WILL BE DIVERTED FROM THE ROOF VIA DOWNSPOUT TO RAINWATER COLLECTION TANK IN REAR OF RESIDENCE.



2 ROOF PLAN
1/4"=1'-0"



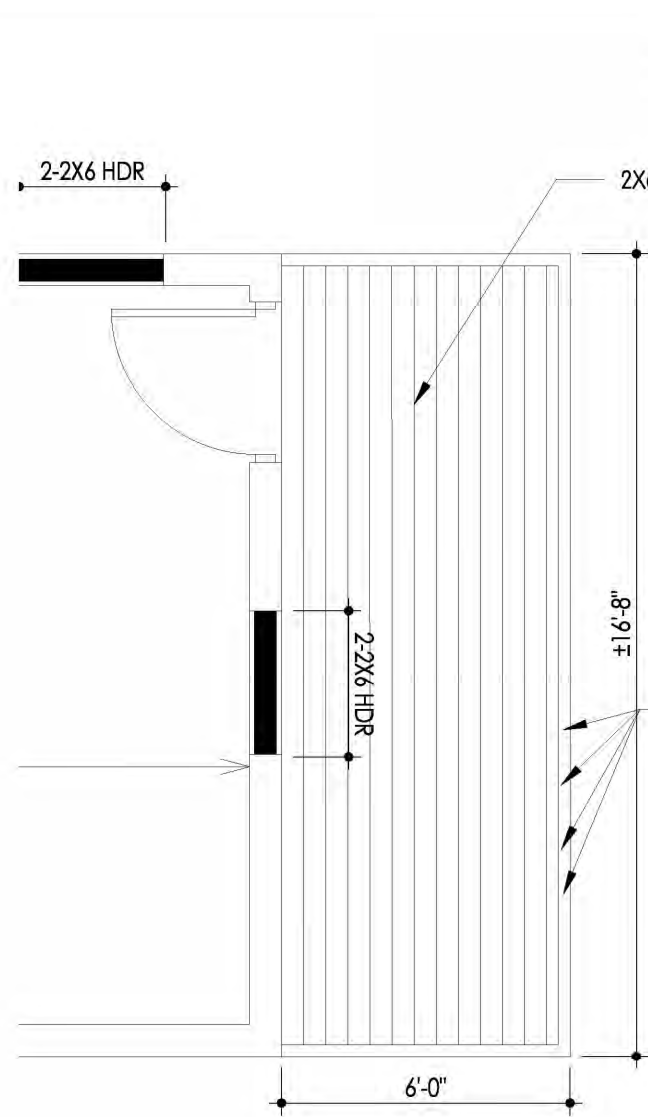
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WASHINGTON, DC

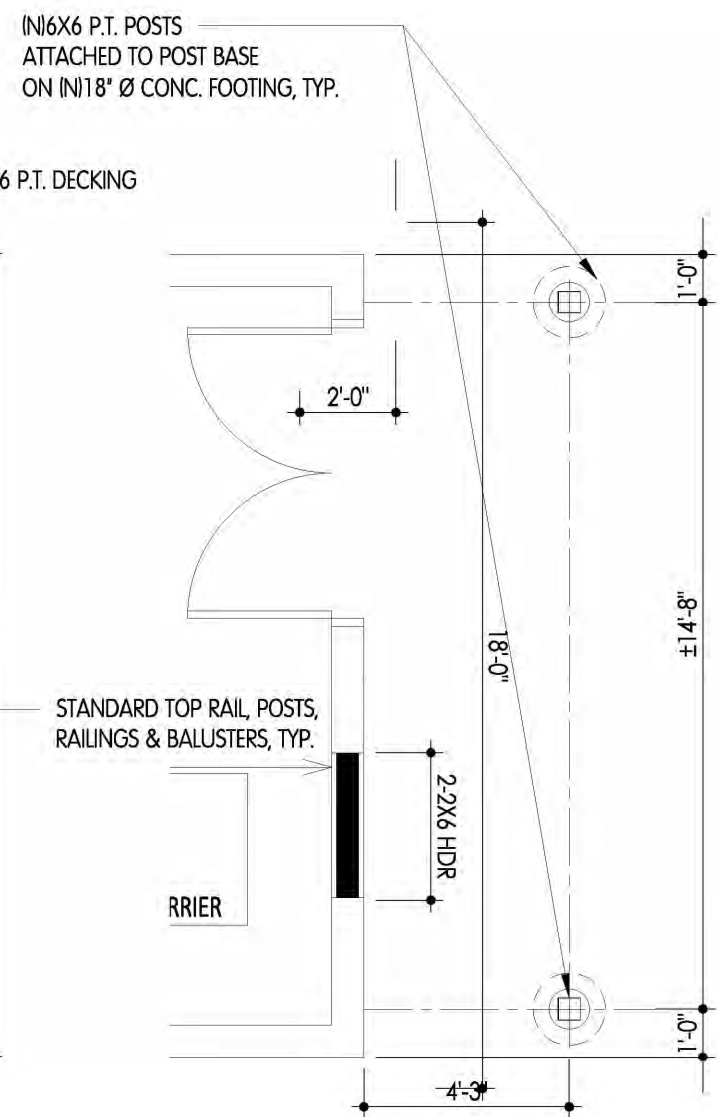
REVISIONS:

PROJECT NO:
DATE: OCTOBER 1, 2018
SCALE: AS SHOWN
PROPOSED ROOF PLAN
DOOR/WINDOW
SCHEDULES

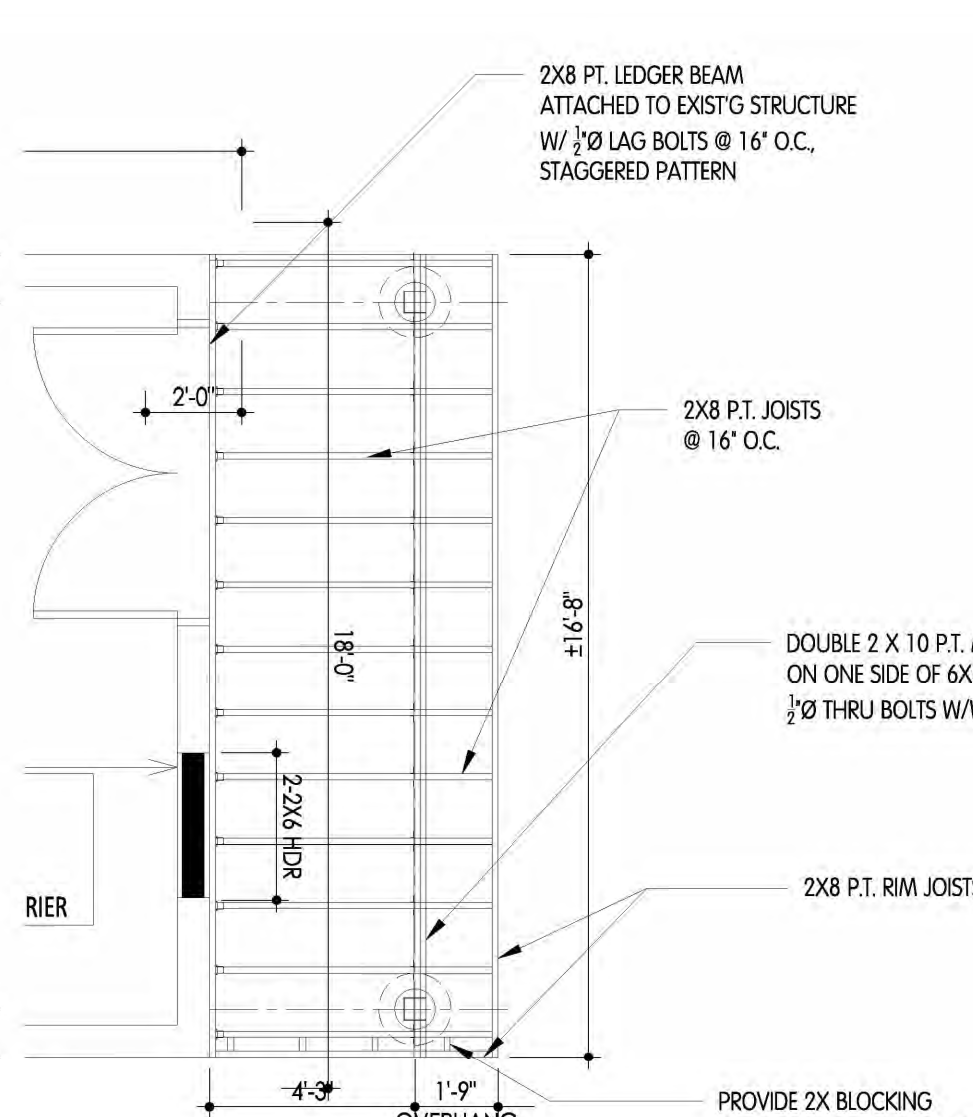
A004



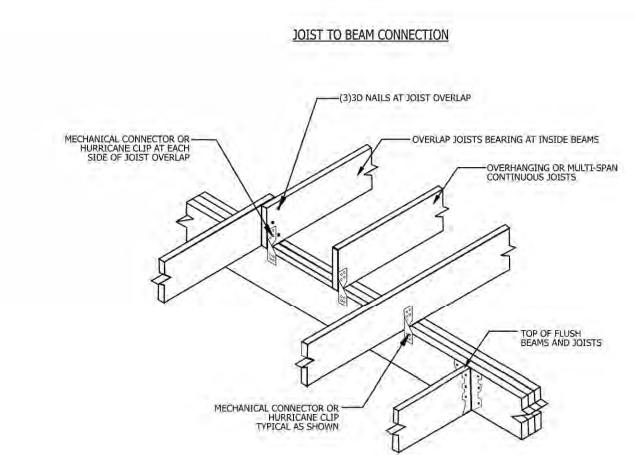
1 FIRST FLOOR DECK PLAN
1/4"=1'-0"



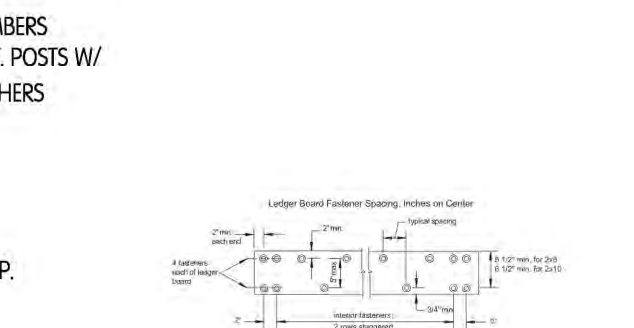
2 FOOTING & POST PLAN
1/4"=1'-0"



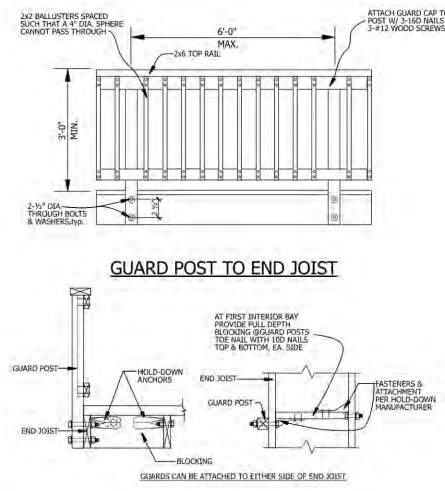
3 DECK FRAMING PLAN
1/4"=1'-0"



4 JOIST TO BEAM CONNECTION DETAIL
1/2"=1'-0"



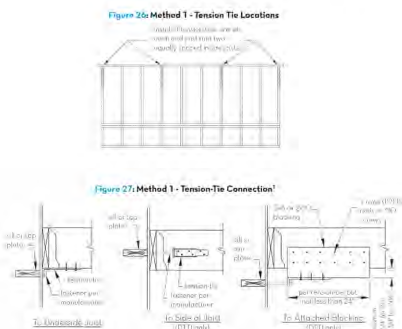
5 LEDGER BOARD CONNECTION DETAIL
1/2"=1'-0"



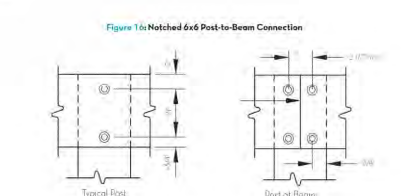
8 GUARDRAIL CONSTRUCTION DETAIL
1/2"=1'-0"

Table 1: Lateral Support Requirements

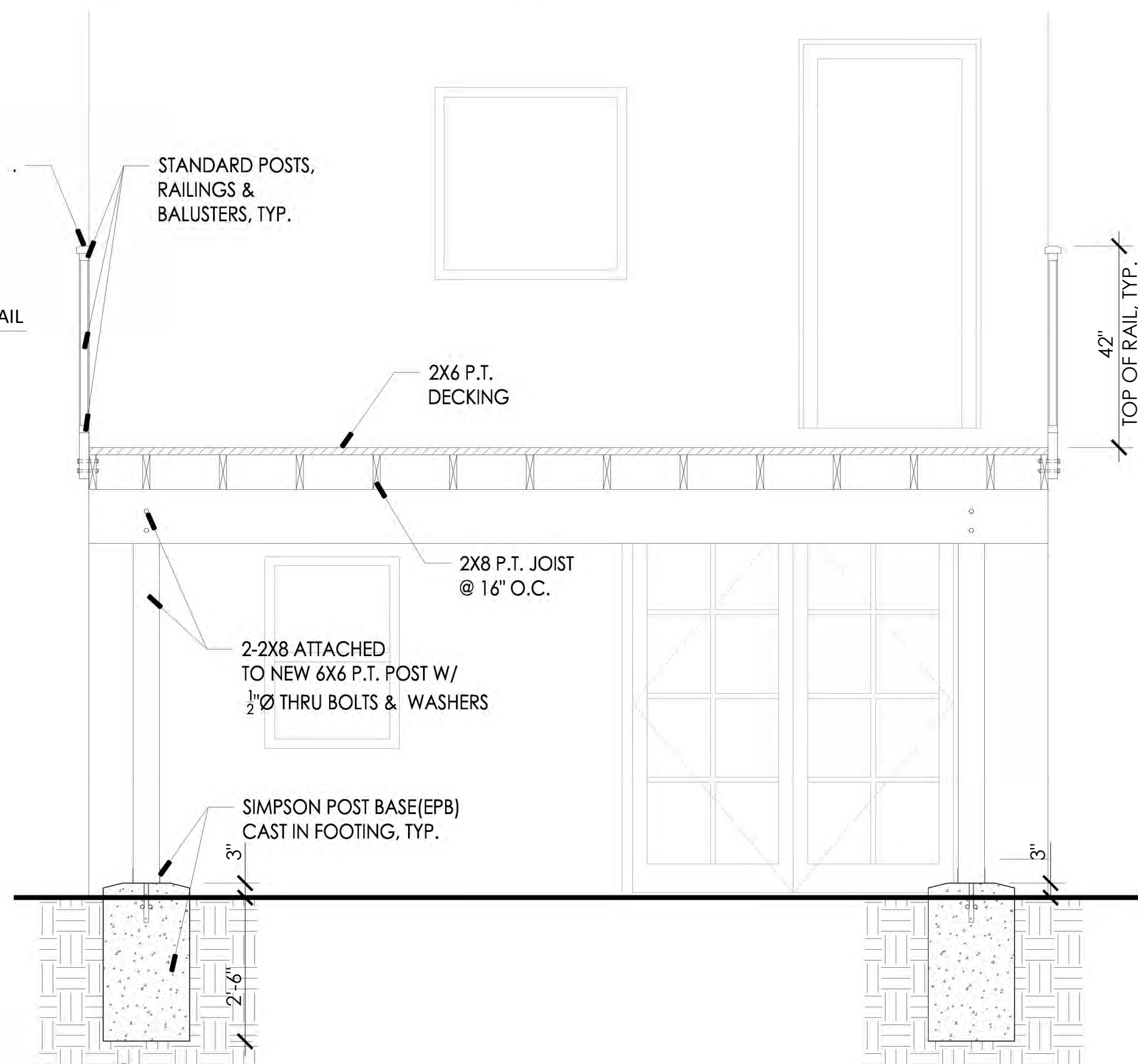
Deck Height Above Grade (ft)	Deck Type	Decking	Posts	Connections
3.5	None required	None required	None required	None required
4	Method 1	Method 2	Method 2	Method 2
4	Method 2	Method 2	Method 2	Method 2



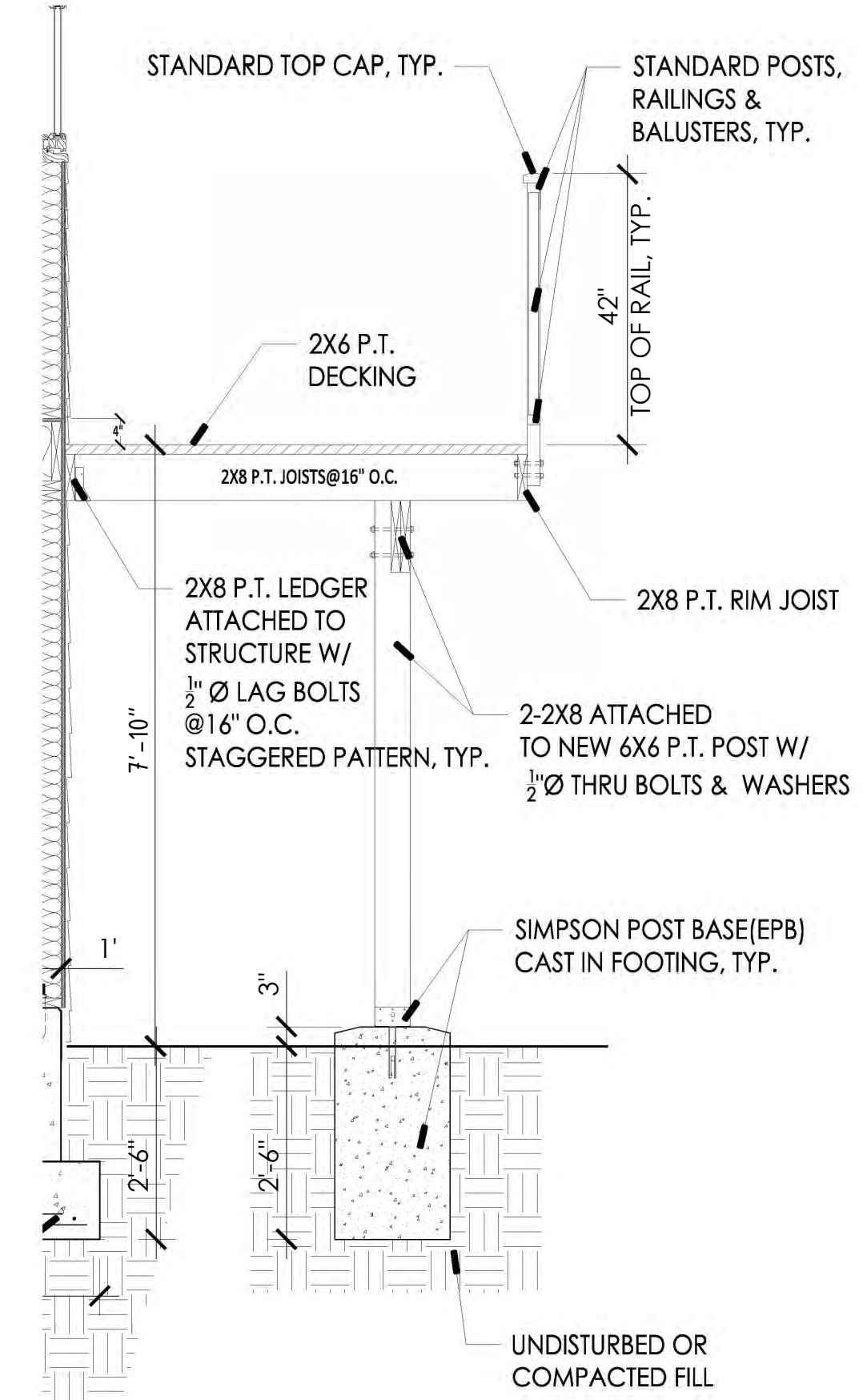
9 TENSION TIE DETAIL
1/2"=1'-0"



10 TENSION TIE DETAIL
1/2"=1'-0"



7 SECTION @ DECK
1/2"=1'-0"



6 SECTION @ DECK
1/2"=1'-0"

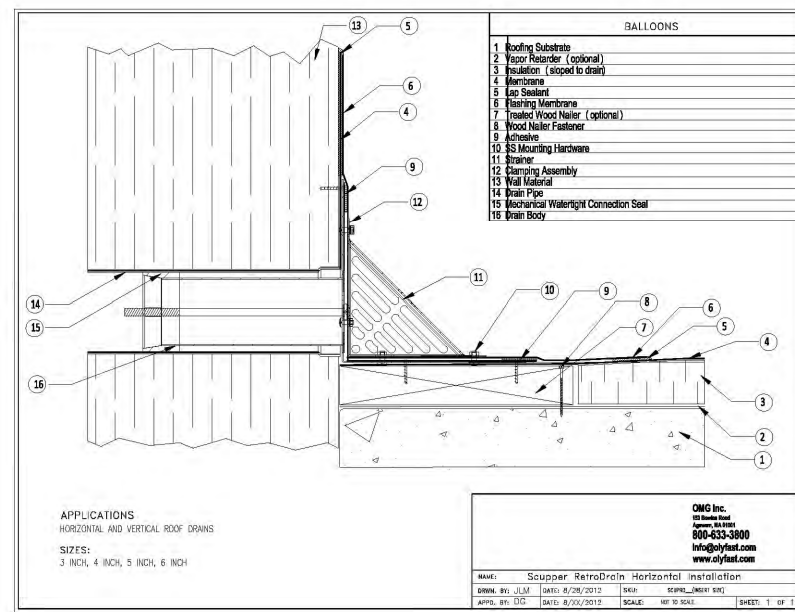
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REVISIONS
PROJECT NO.
DATE: OCTOBER 1, 2018
SCALE: AS SHOWN

DECK PLANS & DETAILS

A005



OMB Scupper RetroDrain

PRODUCT DATA SPECIFICATIONS

PRODUCT DESCRIPTION
Designed for existing roof walls, OMB Scupper RetroDrain is a pre-engineered, pre-assembled, pre-painted drainage system. It is designed to be installed on existing roof walls without the need for a new roof deck or structural modifications. The Scupper RetroDrain is a pre-engineered, pre-assembled, pre-painted drainage system. It is designed to be installed on existing roof walls without the need for a new roof deck or structural modifications.

APPLICATION
OMB Scupper RetroDrain is designed to be installed on existing roof walls without the need for a new roof deck or structural modifications. It is designed to be installed on existing roof walls without the need for a new roof deck or structural modifications.

APPROVALS
OMB Scupper RetroDrain is approved for use on existing roof walls without the need for a new roof deck or structural modifications. It is approved for use on existing roof walls without the need for a new roof deck or structural modifications.

PHYSICAL DATA

Material	Weight	Dimensions
3" Scupper	1.5 lbs/ft	3" x 12" x 12"
4" Scupper	2.0 lbs/ft	4" x 12" x 12"
5" Scupper	2.5 lbs/ft	5" x 12" x 12"
6" Scupper	3.0 lbs/ft	6" x 12" x 12"

INSTALLATION PROCEDURE

FOR USE WITH
All types of roof walls.

JOB PREPARATION
The scupper drain pipe must be installed on a solid surface. The scupper drain pipe must be installed on a solid surface. The scupper drain pipe must be installed on a solid surface.

STEP 1
Remove the scupper drain pipe from the scupper drain pipe. Remove the scupper drain pipe from the scupper drain pipe.

STEP 2
Install the scupper drain pipe on the scupper drain pipe. Install the scupper drain pipe on the scupper drain pipe.

STEP 3
Secure the scupper drain pipe to the scupper drain pipe. Secure the scupper drain pipe to the scupper drain pipe.

STEP 4
Test the scupper drain pipe for leaks. Test the scupper drain pipe for leaks.

STEP 5
Clean the scupper drain pipe. Clean the scupper drain pipe.

STEP 6
Paint the scupper drain pipe. Paint the scupper drain pipe.

STEP 7
Inspect the scupper drain pipe. Inspect the scupper drain pipe.

FOR TECHNICAL ASSISTANCE CONTACT
OMB at 800-433-3800

OMB Scupper RetroDrain

INSTALLATION PROCEDURE

FOR USE WITH
All types of roof walls.

JOB PREPARATION
The scupper drain pipe must be installed on a solid surface. The scupper drain pipe must be installed on a solid surface. The scupper drain pipe must be installed on a solid surface.

STEP 1
Remove the scupper drain pipe from the scupper drain pipe. Remove the scupper drain pipe from the scupper drain pipe.

STEP 2
Install the scupper drain pipe on the scupper drain pipe. Install the scupper drain pipe on the scupper drain pipe.

STEP 3
Secure the scupper drain pipe to the scupper drain pipe. Secure the scupper drain pipe to the scupper drain pipe.

STEP 4
Test the scupper drain pipe for leaks. Test the scupper drain pipe for leaks.

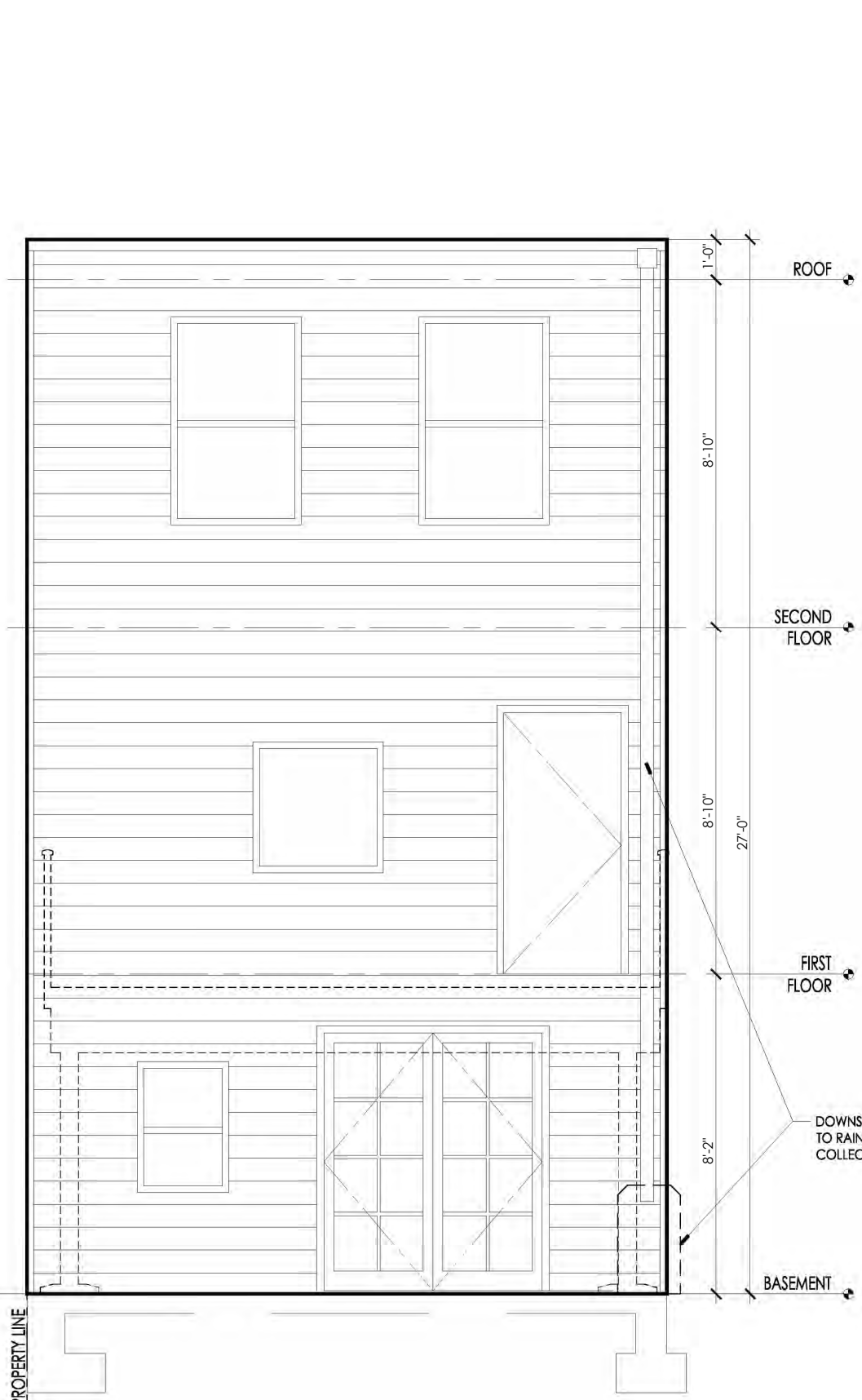
STEP 5
Clean the scupper drain pipe. Clean the scupper drain pipe.

STEP 6
Paint the scupper drain pipe. Paint the scupper drain pipe.

STEP 7
Inspect the scupper drain pipe. Inspect the scupper drain pipe.

FOR TECHNICAL ASSISTANCE CONTACT
OMB at 800-433-3800

3 SCUPPER DRAIN & SPEC SHEETS
NTS



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



1 SIDE ELEVATION
1/4"=1'-0"



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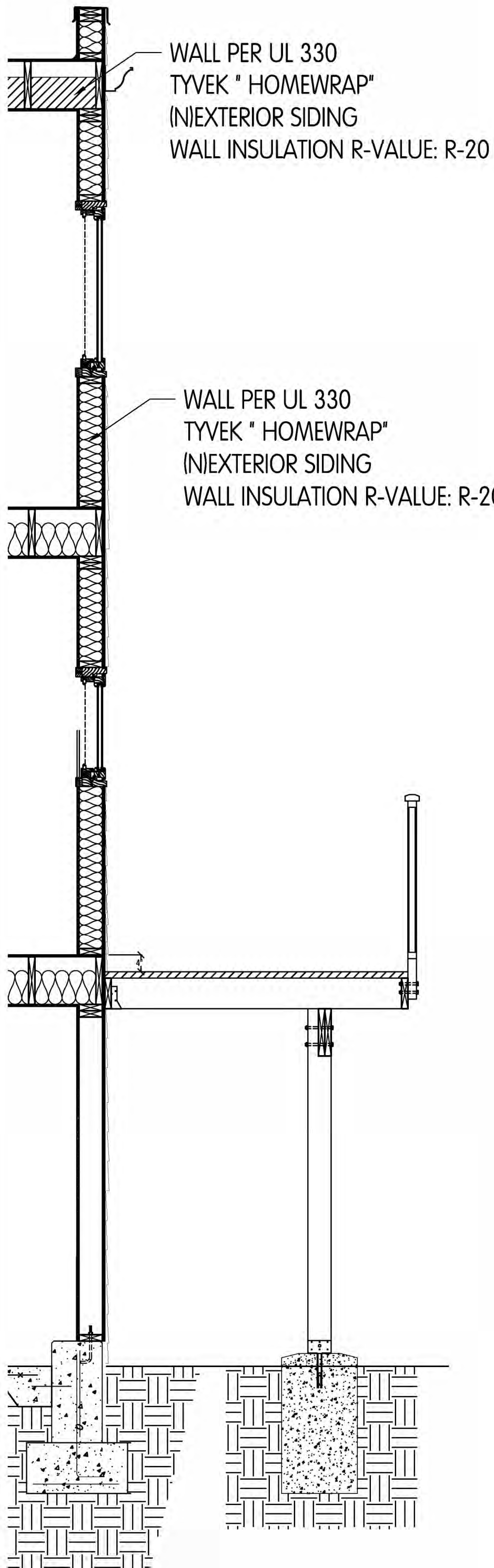
REVISIONS

NO.	DESCRIPTION

PROJECT No. _____
DATE: OCTOBER 1, 2018
SCALE: AS SHOWN

ELEVATIONS

A006

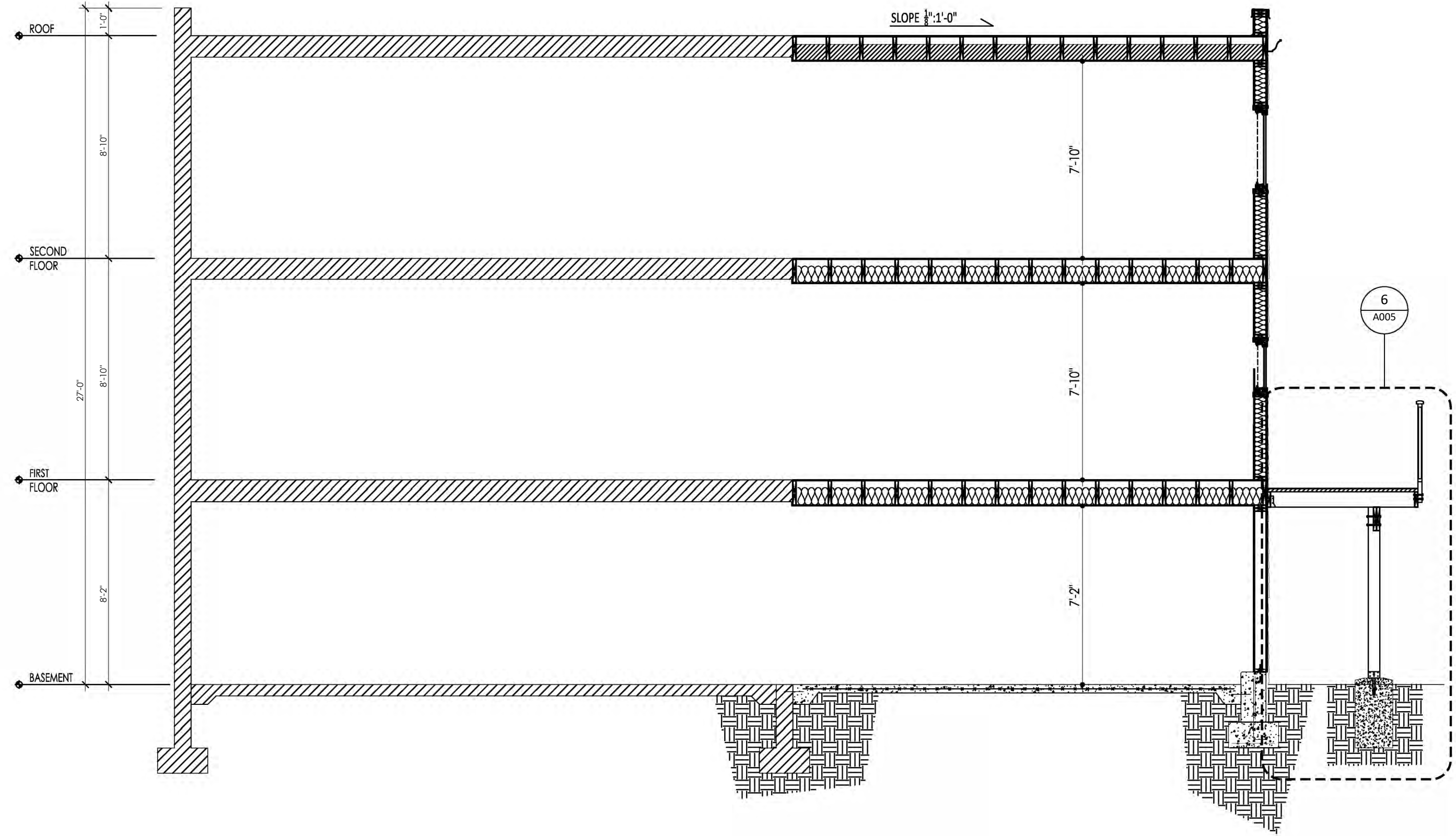


ENERGY NOTES

2013 DC ENERGY CODE		FRAMING/ROUGH-IN INSPECTIONS	PRESCRIPTIVE CODE VALUE
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.	-
402.4.1.2	SR	Additions, alterations, renovations and repair 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.	-

2013 DC ENERGY CODE		INSULATION INSPECTIONS	PRESCRIPTIVE CODE VALUE
303.1	I	All installed insulation labeled or installed R-values provided.	-
402.1.1, 402.2.6	SR	Floor Insulation R-value.	Wood: R-19 Steel: R-19+G
303.2, 402.2.7	SR	Floor insulation installed per manufacturer's 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 1/2 insulation on the wall exterior, exterior insulation applies.	Wood: R-20 or R-13+5 Mass: R-13 Interior R-8 Exterior 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: R-13
302.2	I	Thermally isolated sunroom walls insulation installed per manufacturer's instructions.	-
402.2.12	S	Ceilings of thermally isolated sunrooms have a 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.	-

N/A FOR THIS PROJECT



2 PARTIAL ENLARGED SECTION
1/2"=1'-0"

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



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PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

LONGITUDINAL SECTION
/PARTIAL
ENLARGED SECTION

A007

WALL PER UL 301
TYVEK " HOMEWRAP"
(N)EXTERIOR SIDING
WALL INSULATION
R-VALUE: R-20

WALL PER UL 330
TYVEK " HOMEWRAP"
(N)EXTERIOR SIDING
WALL INSULATION R-VALUE: R-20

ENERGY NOTES

2013 DC ENERGY CODE	FRAMING/ROUGH-IN INSPECTIONS	PRESCRIPTIVE CODE VALUE
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.	-
402.4.1.2	SR Additions, alterations, renovations and repair 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.	-

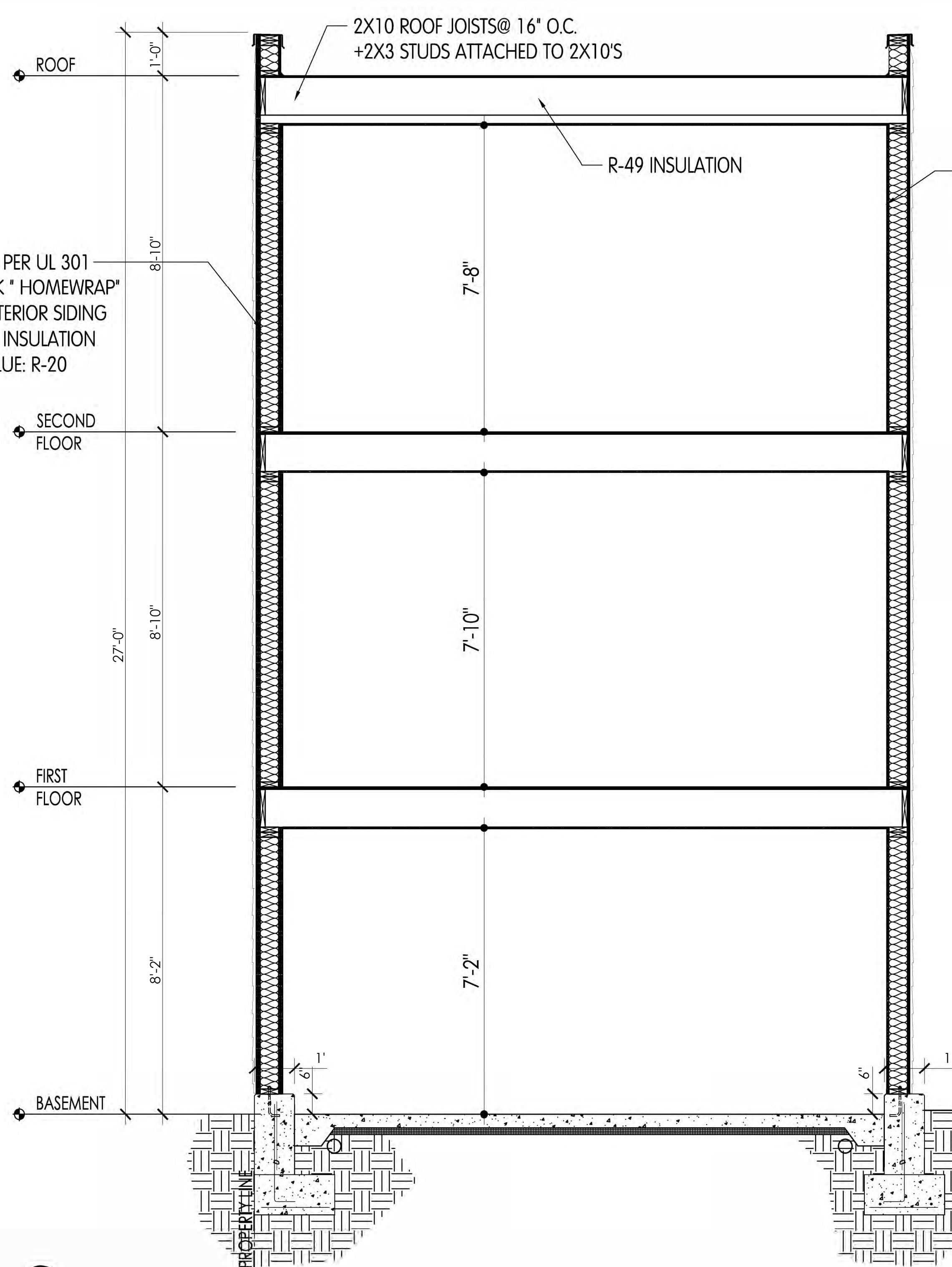
2013 DC ENERGY CODE	INSULATION INSPECTIONS	PRESCRIPTIVE CODE VALUE
303.1	I All installed insulation labeled or installed R-values provided.	-
402.1.1, 402.2.6	SR Floor insulation R-value	Wood: R-19 Steel: R-19+6
303.2, 402.2.7	SR Floor insulation installed per manufacturer's instructions and substantial contact with underside of floor.	-
402.1.1, 402.2.5, 402.2.6	SR Wall insulation R-value. If a mass wall with 1/2" insulation on the wall exterior, exterior insulation applies.	Wood: R-20 or R-13+5 Mass: R-13 Interior R-8 Exterior Steel: R-19+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: R-13
302.2	I Storm wall insulation installed per manufacturer's instructions.	-
402.2.12	S Ceilings of thermally isolated sunrooms have a min. R-20. All other sunrooms must meet code requirements.	Isolated: R-24
302.2	I Sunroom ceiling insulation installed per manufacturer's instructions.	-

N/A FOR THIS PROJECT

TABLE R402.4.1.1
AIR BARRIER AND INSULATION INSTALLATION

COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA
General requirements	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 shall be sealed. Access openings, drop down stair or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.
Walls	The junction of the top plate and top of exterior walls shall be sealed. Knee walls shall be sealed.	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier.
Windows, skylights and doors	The space between window/door jambs and framing and skylights and framing shall be sealed.	
Rim joists	Rim joists shall include the air barrier. The air barrier shall be installed at any exposed edge of foundation.	Rim Joists shall be insulated. Floor framing cavity insulation shall be installed to maintain permanent contact with the underside of the subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing and extends from the bottom to the top of all perimeter floor framing members.
Floors (including above-garage and cantilevered floors)		
Crawl Space walls	Exposed earth in unvented crawl spaces shall be covered with a Class 1 vapor retarder with overlapping joints taped.	Where provided, instead of floor insulation, insulation shall be permanently attached to the crawlspace walls.
Shafts, penetrations	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 sealed to the drywall.	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.
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	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.
Electrical/phone box on exterior walls	The air barrier shall be installed behind electrical or communication boxes or air sealed boxes shall be installed.	
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the subfloor or drywall. When required to be sealed, concealed fire sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.	
Concealed sprinklers		

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC-400.



1 TRANSVERSE SECTION
1/2"=1'-0"

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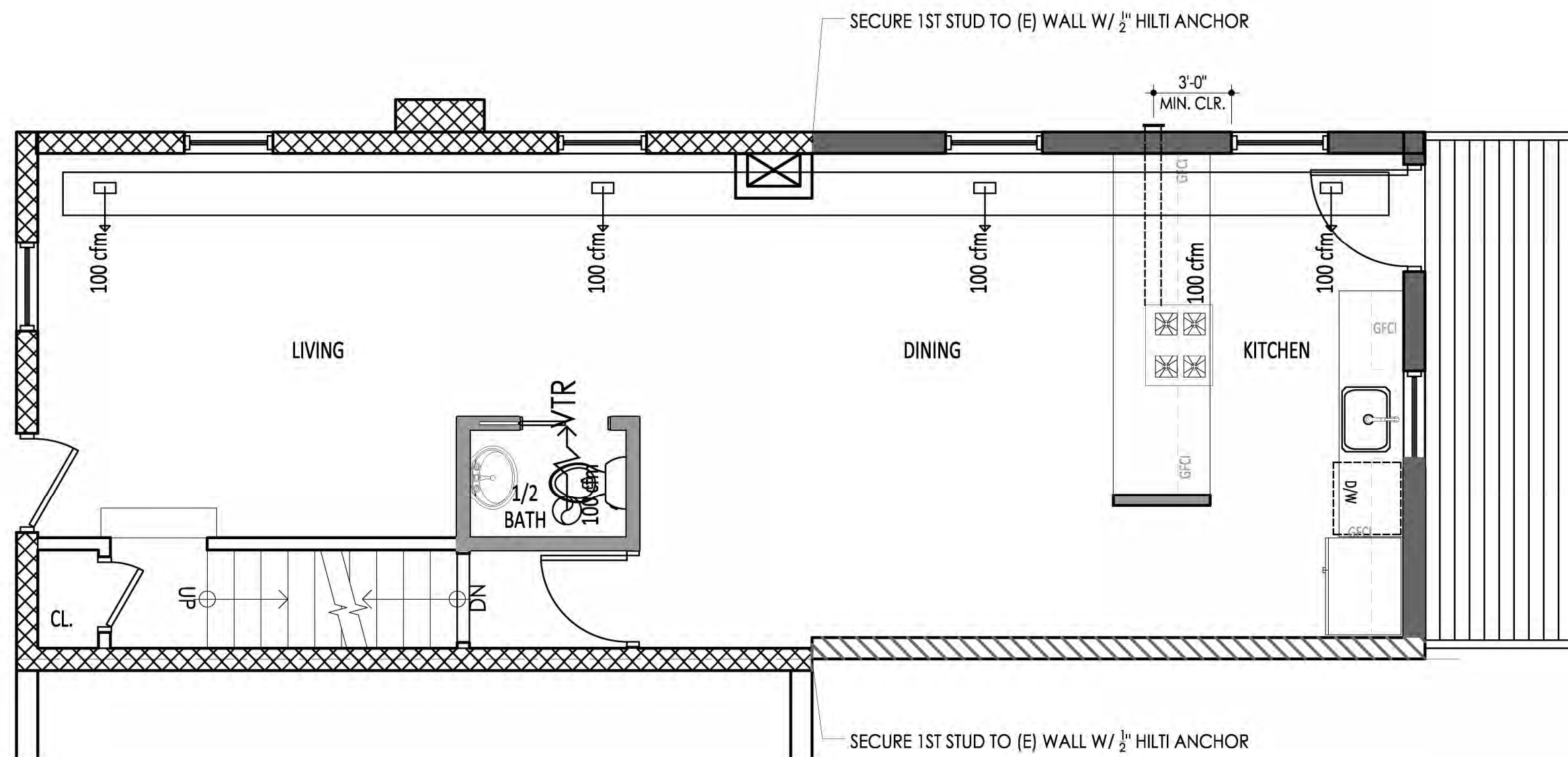
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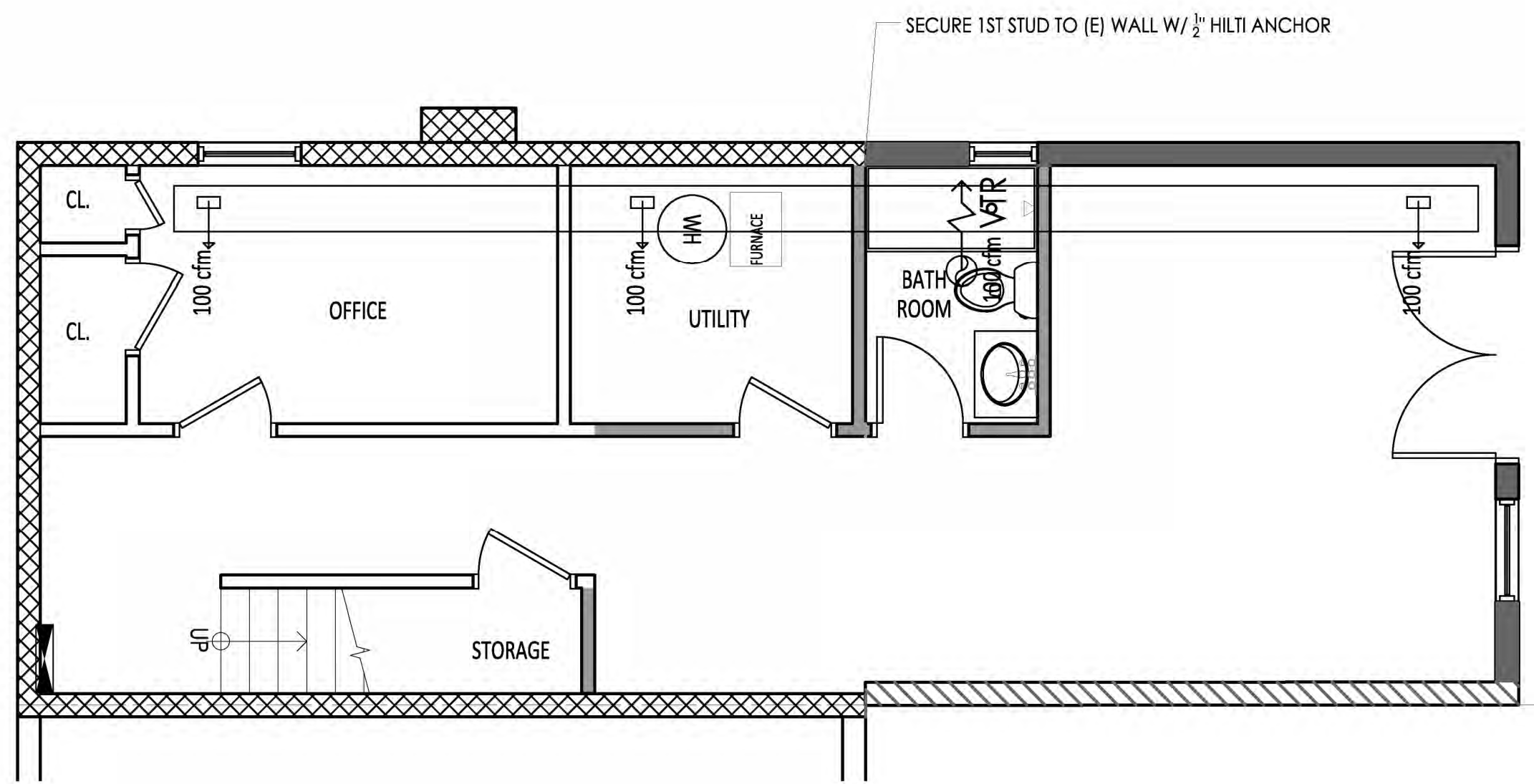
NO.	DATE	DESCRIPTION

PROJECT No.
DATE: OCT06/18
SCALE: AS SHOWN

TRANSVERSE SECTION
A008



1 FIRST FLOOR MECHANICAL PLAN
1/4"=1'-0"



1 BASEMENT MECHANICAL PLAN
1/4"=1'-0"

ENERGY NOTES

2013 DC ENERGY CODE		FRAMING/ROUGH-IN INSPECTIONS	PRESCRIPTIVE CODE VALUE
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
403.2.2	MR	All joints and seams of air ducts air-handlers, and filter boxes are sealed.	-
403.2.3	MR	Building cavities are not used as ducts or plenums.	-
403.3	MR	HVAC piping carrying fluids > 105°F or fluids < 55°F are insulated to ≥ R-3.	HVAC Pipe ≥ R-3
403.3.1	MR	Protection of insulation on HVAC piping.	-
403.4.2	MR	Hot water pipes are insulated to ≥ R-3.	-
403.5	MR	Auto./gravity dampers install on all intakes/exhausts.	-

2013 DC ENERGY CODE		FINAL INSPECTIONS	PRESCRIPTIVE CODE VALUE
302.1, 403.6	MR	Heating and Cooling equipment is sized per ACCA Manual S based on loads calculated per ACCA Manual J.	-
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 manufacturer's instructions. Blown insulation 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.	sR-value of adjacent assembly.
402.4.1.2	I	Blower door test @ 50 Pa± Air Changes per Hour. Applies to Level 3, Gut Rehab, New	ACH50±0.0
402.4.1.2	I	Wood burning fireplaces have tight fitting flue dampers and outdoor air for combustion.	-
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.	-
403.6	I	HVAC equipment type and capacity as per plans.	-
403.1.1	MR	Programmable thermostats installed on forced air furnace.	-
403.1.2	MR	Heat pump thermostat installed on heat pumps.	-
403.A.1	MR	Circulating hot water systems have auto. or accessible manual controls.	-



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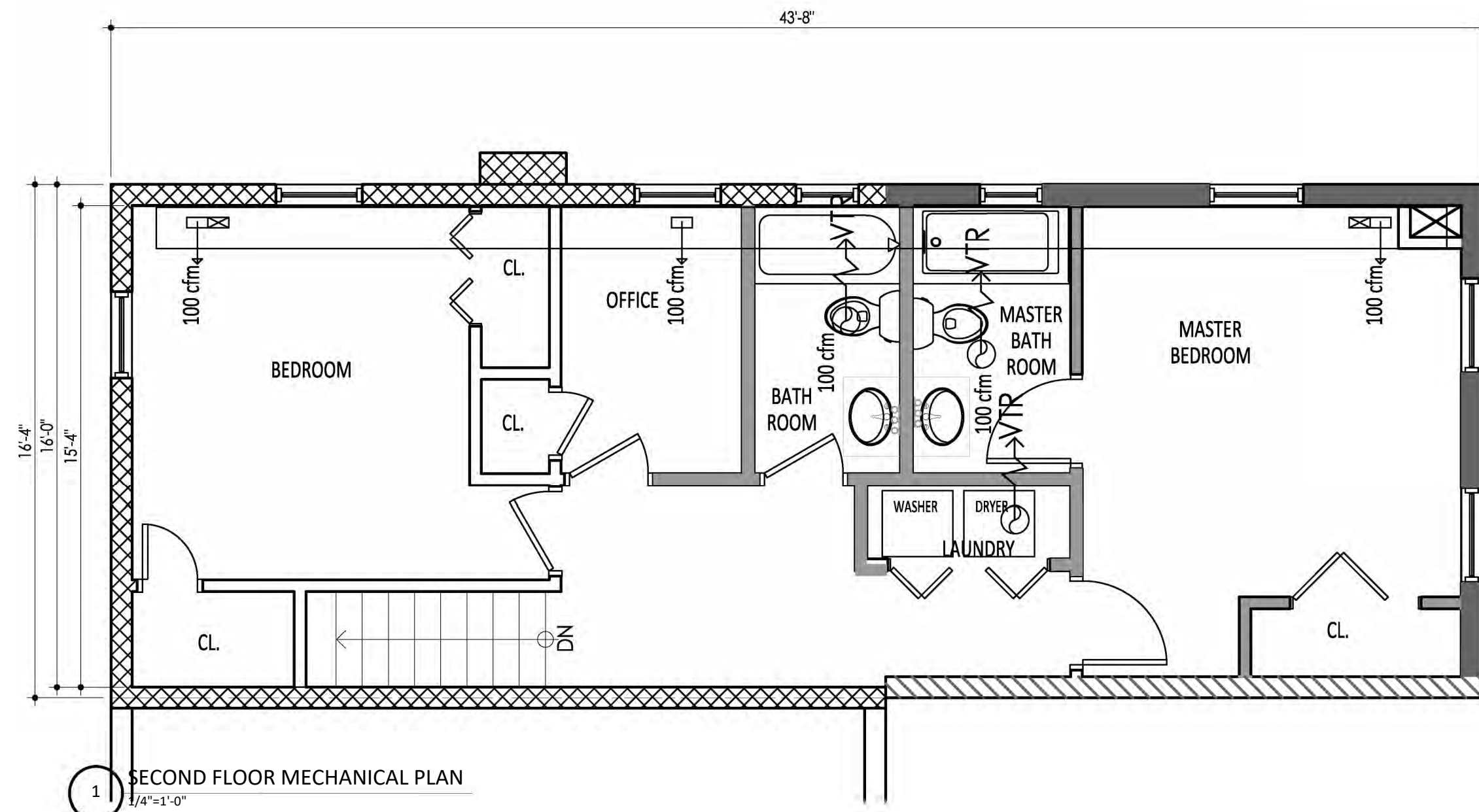
REVISIONS

PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

BASEMENT & FIRST FLOOR MECHANICAL PLAN

M001

EXHAUST FAN								
MARK	TYPE/MOUNTING	LOCATION	MANUFACTURER	MODEL	CFM	VOLTS	AMPS	REMARKS
EF-1	CEILING MT'D	BATHROOM	BROAN(OR EQUAL)	696	100	120	2	PROVIDE DEDICATED SWITCH
EF-2	WALL MT'D	KITCHEN	AKDY(OR EQUAL)	RH0282	100-400	120	1.9	



1 SECOND FLOOR MECHANICAL PLAN
1/4"=1'-0"



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





SECOND FLOOR
MECHANICAL PLAN
& SCHEDULES

M002

AIC RATING:10KA PANEL SCHEDULE-200A

Circuit	AMP	ROOM	Circuit	AMP	ROOM
1	20	DISHWASHER	2	15	BEDROOMS
3	50	HEATING/COOLING-AHU-1	4	50	DRYER-2ND FLR.
5	50		6	50	
7	20	WASHER-2ND FLR.	8	20	KITCHEN RECEPT.(GFCI)
9	20	BATHROOM(GFCI) 1ST/2ND	10	20	LIGHTING-KITCHEN
11	20	DISPOSAL	12	20	BATHRM. RECEPT(GFCI)BASEMENT
13	15	RECEPTACLES-LIVING/DINING	14	50	RECEPTACLES-BASEMENT
15	15	LIGHTING-LIVING/DINING	16	15	SMOKE DETECTORS
17	-	SPARE	18	-	SPARE
19	-	SPARE	20	-	SPARE
21	-	SPARE	22	-	SPARE
23	-	SPARE	24	-	SPARE

ELECTRICAL LEGEND

-  SMOKE DETECTOR
-  COMBO SMOKE/CARBON DIOXIDE DETECTOR
-  DUPLEX RECEPTACLE
-  GFCI-GROUND FAULT CIRCUIT INTERRUPTER
-  STANDARD SWITCH
-  EXTERIOR LIGHT FIXTURE
-  DOWNLIGHT FIXTURE
-  3-BULB LIGHT FIXTURE
-  EXHAUST FAN
-  ELECTRICAL PANEL

ELECTRICAL NOTES

- RECEPTACLES AT KITCHEN COUNTERTOPS AND BATHROOMS TO BE GFCI TYPE.
- RECEPTACLES IN ALL OTHER HABITABLE SPACES TO BE AFCI TYPE.
- TAMPER RESISTANT RECEPTACLES ARE REQUIRED IN DWELLING UNITS AT ALL LOCATIONS EXCEPT WHERE THEY ARE MOUNTED HIGHER THAN 5'-6" ABOVE THE FLOOR OR IN A SPACE DEDICATED TO A SPECIFIC APPLIANCE.
- DETECTORS TO BE HARDWIRED AND INTERCONNECTED.
- RECESSED LIGHTS TO BE INSTALLED TO BE IC RATED. FIXTURE HOUSING MUST BE SEALED TO DRYWALL TO PREVENT AIR LEAKAGE.
- 75% OF LAMPS TO BE HIGH EFFICIENCY.

ENERGY NOTES

2013 DC ENERGY CODE		FRAMING/ROUGH-IN INSPECTIONS	PRESCRIPTIVE CODE VALUE
402.4.4	E	IC-rated recessed lighting fixtures sealed at housing/interior finish and labeled to indicate ≤ 2.0 CFM leakage at 75 Pa.	-

2013 DC ENERGY CODE		FINAL INSPECTIONS	PRESCRIPTIVE CODE VALUE
404.1	ER	75% lamps in permanent fixtures or 75% permanent fixtures use high efficiency lamps.	-

IBI Residential Load Calculation Worksheet
Worksheet # 1
(Revised 01/09/08)

Elect. Permit No.

Conditions: Single family dwelling, heating load is larger than air conditioning load.
(Heat Pump and/or Electric Space Heating)
(Based on NEC 220.82)

Added Loads (less HVAC)

1890	sq. ft. @ 3 watts sq. ft.	5670	watts
2	Small Appliance Circuits @ 1500 watts ea. (Minimum 2)	3000	watts
8000	Range (Nameplate Rating)	8000	watts
1	Laundry Circuit(s) @ 1500 watts ea. (Minimum is 1)	1500	watts
5000	Electric Clothes Dryer (Enter larger: 5000 Watts or Nameplate Rating)	5000	watts
1200	Dishwasher	1200	watts
800	Disposal	800	watts
1500	Microwave Oven	1500	watts
Total Calculated Load (less HVAC)		28670	watts

Service Demand

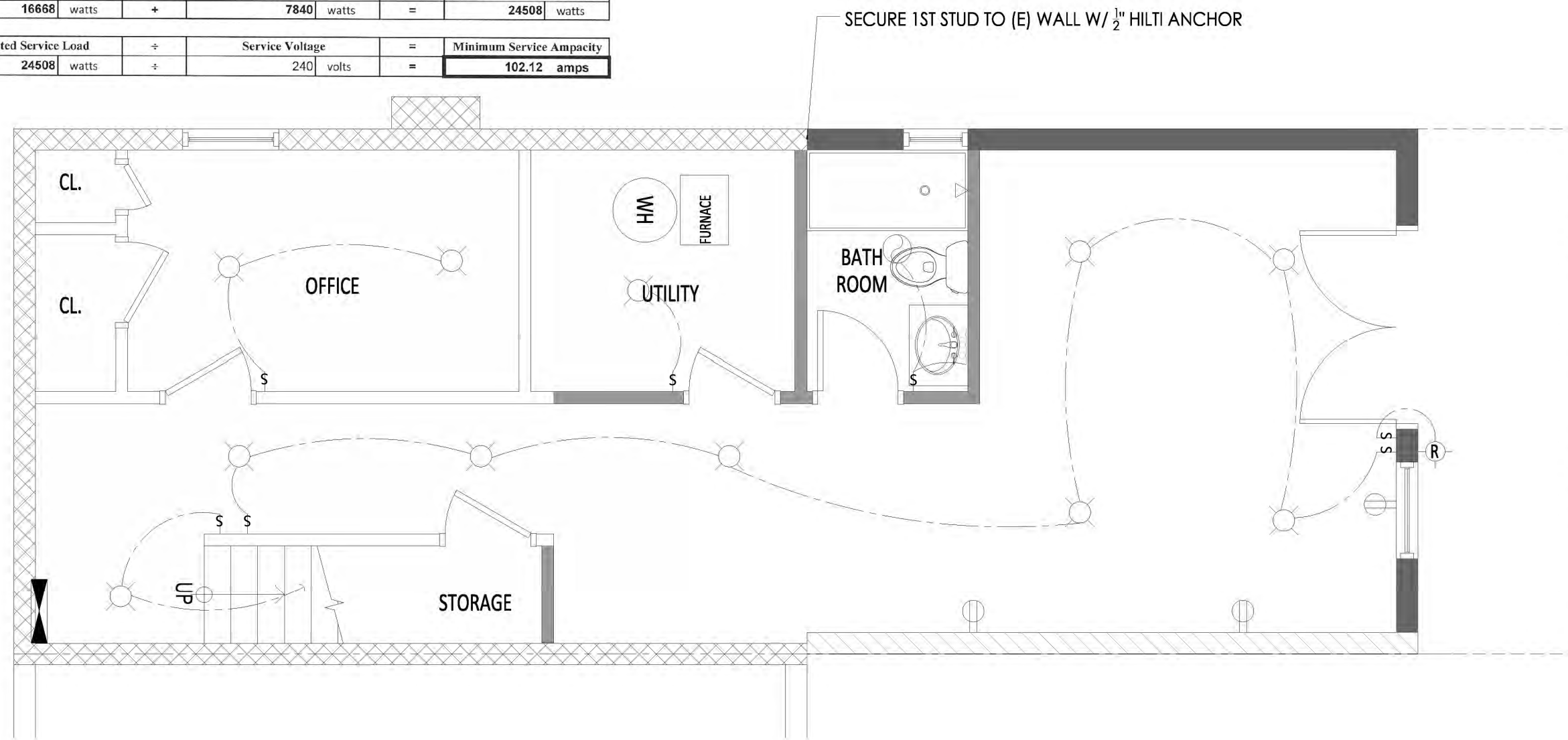
General Load:			
First 10kw of Total Calculated Load (less HVAC) @ 100%		10000	watts
Remainder of Total Calculated Load (less HVAC) @ 40%		8668	watts
Total General Load		18668	watts

HVAC Load:

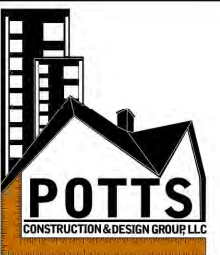
240	Nameplate Heat Pump Compressor load @ 100%	240	watts
11	(Volts X Amps = Watts)		
8000	Nameplate Electric Space Heating Load @ 65%	5200	watts
	(Nameplate Rating in watts X .65) ((NEC 220.82 (C)(4)(5))		
		7840	watts

Total General Load	+	Total HVAC Load	=	Calculated Service Load
18668	watts	7840	watts	24508
				24508

Calculated Service Load	÷	Service Voltage	=	Minimum Service Ampacity
24508	watts	240	volts	102.12
				102.12



1 BASEMENT ELECTRICAL PLAN
1/4"=1'-0"



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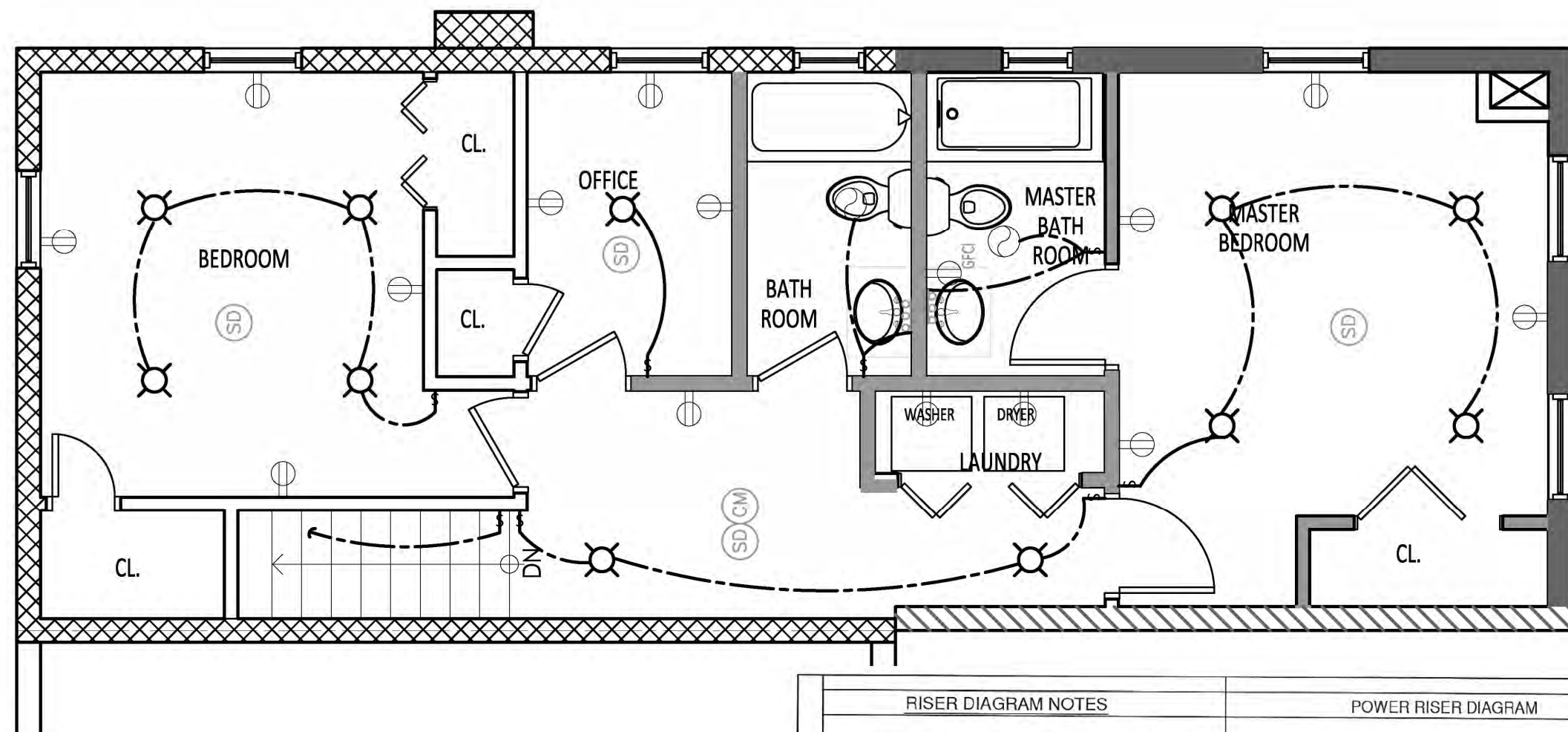
PRIVATE RESIDENCE
4672 A ST SE
WASHINGTON, DC

REVISIONS

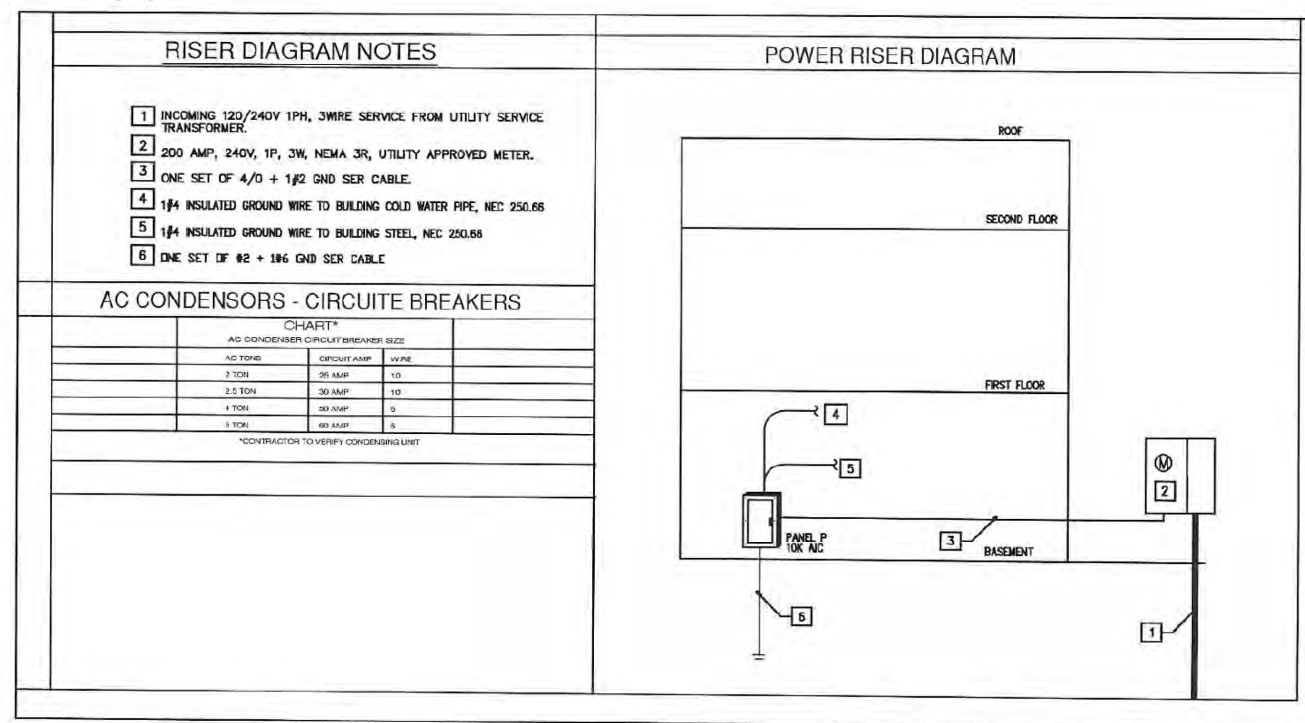
PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

BASEMENT
ELECTRICAL PLAN &
PANEL SCHEDULE

E001



2 SECOND FLOOR ELECTRICAL PLAN
1/4"=1'-0"

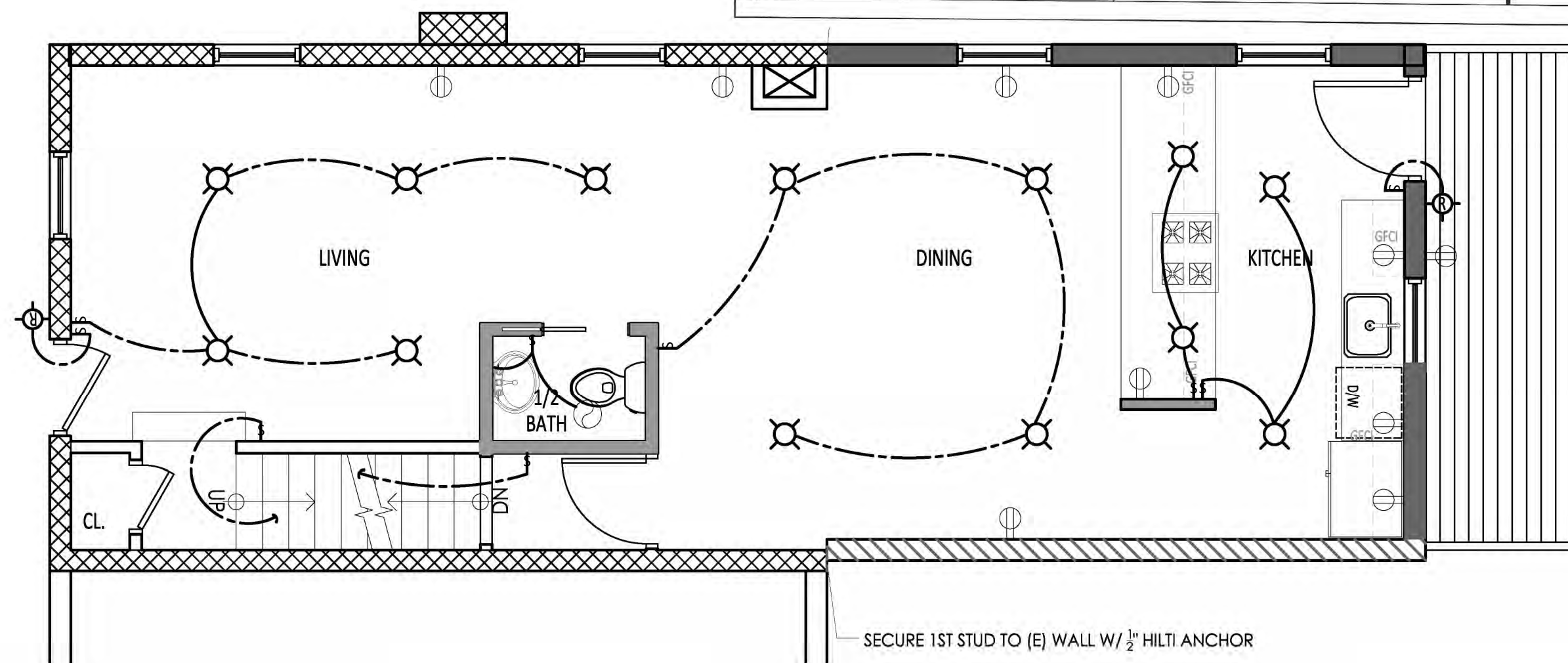


ELECTRICAL LEGEND

- SMOKE DETECTOR
- COMBO SMOKE/CARBON DIOXIDE DETECTOR
- DUPLEX RECEPTACLE
- GFCI-GROUND FAULT CIRCUIT INTERRUPTER
- STANDARD SWITCH
- EXTERIOR LIGHT FIXTURE
- DOWNLIGHT FIXTURE
- 3-BULB LIGHT FIXTURE
- EXHAUST FAN
- ELECTRICAL PANEL

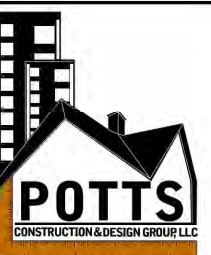
ELECTRICAL NOTES

- RECEPTACLES AT KITCHEN COUNTERTOPS AND BATHROOMS TO BE GFCI TYPE.
- RECEPTACLES IN ALL OTHER HABITABLE SPACES TO BE AFCI TYPE.
- TAMPER RESISTANT RECEPTACLES ARE REQUIRED IN DWELLING UNITS AT ALL LOCATIONS EXCEPT WHERE THEY ARE MOUNTED HIGHER THAN 5'-6" ABOVE THE FLOOR OR IN A SPACE DEDICATED TO A SPECIFIC APPLIANCE.
- DETECTORS TO BE HARDWIRED AND INTERCONNECTED.
- RECESSED LIGHTS TO BE INSTALLED TO BE IC RATED. FIXTURE HOUSING MUST BE SEALED TO DRYWALL TO PREVENT AIR LEAKAGE.
- 75% OF LAMPS TO BE HIGH EFFICIENCY.



1 FIRST FLOOR ELECTRICAL PLAN
1/4"=1'-0"

SECURE 1ST STUD TO (E) WALL W/ 1/2" HILTI ANCHOR



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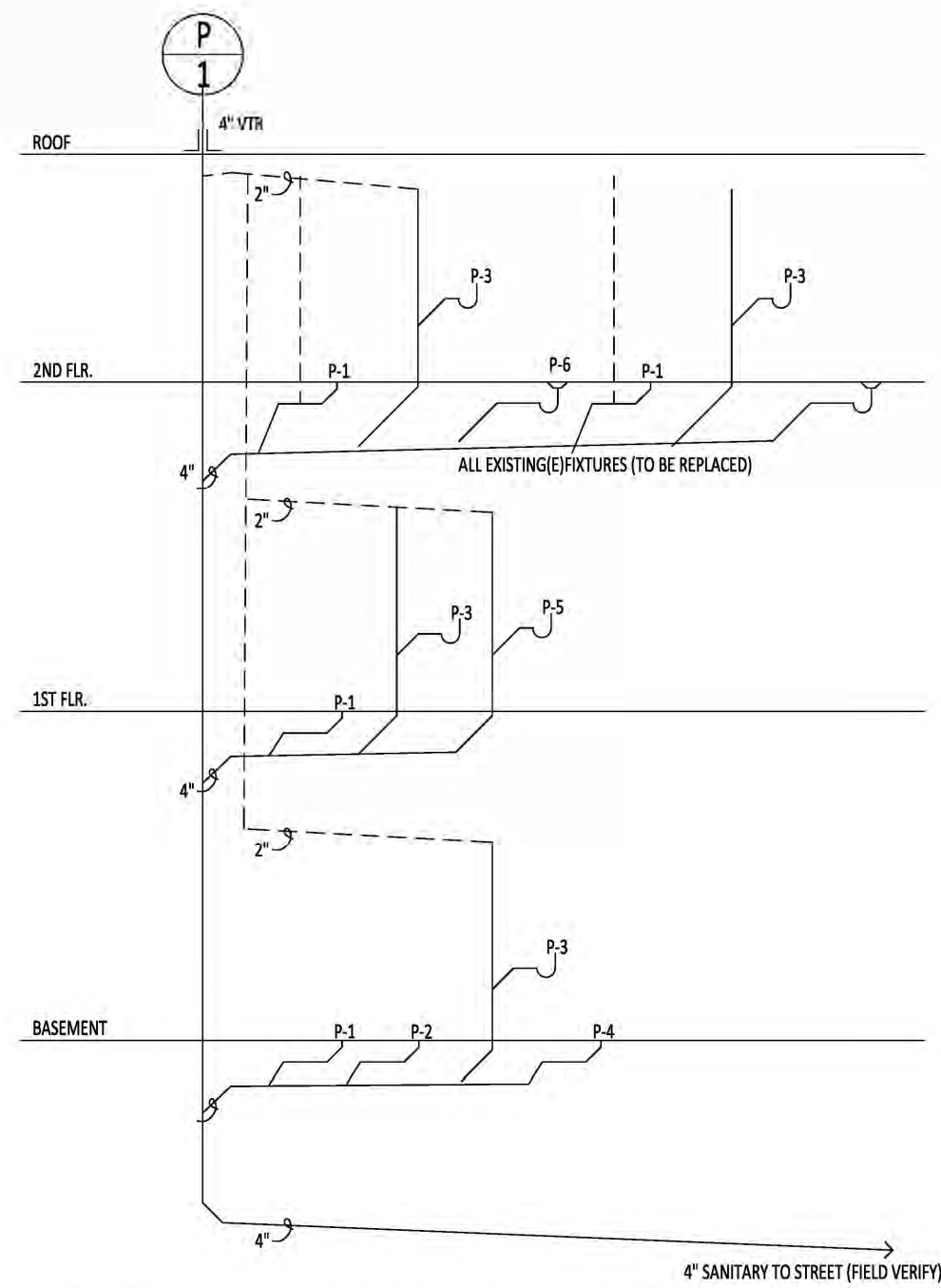
PRIVATE RESIDENCE
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PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

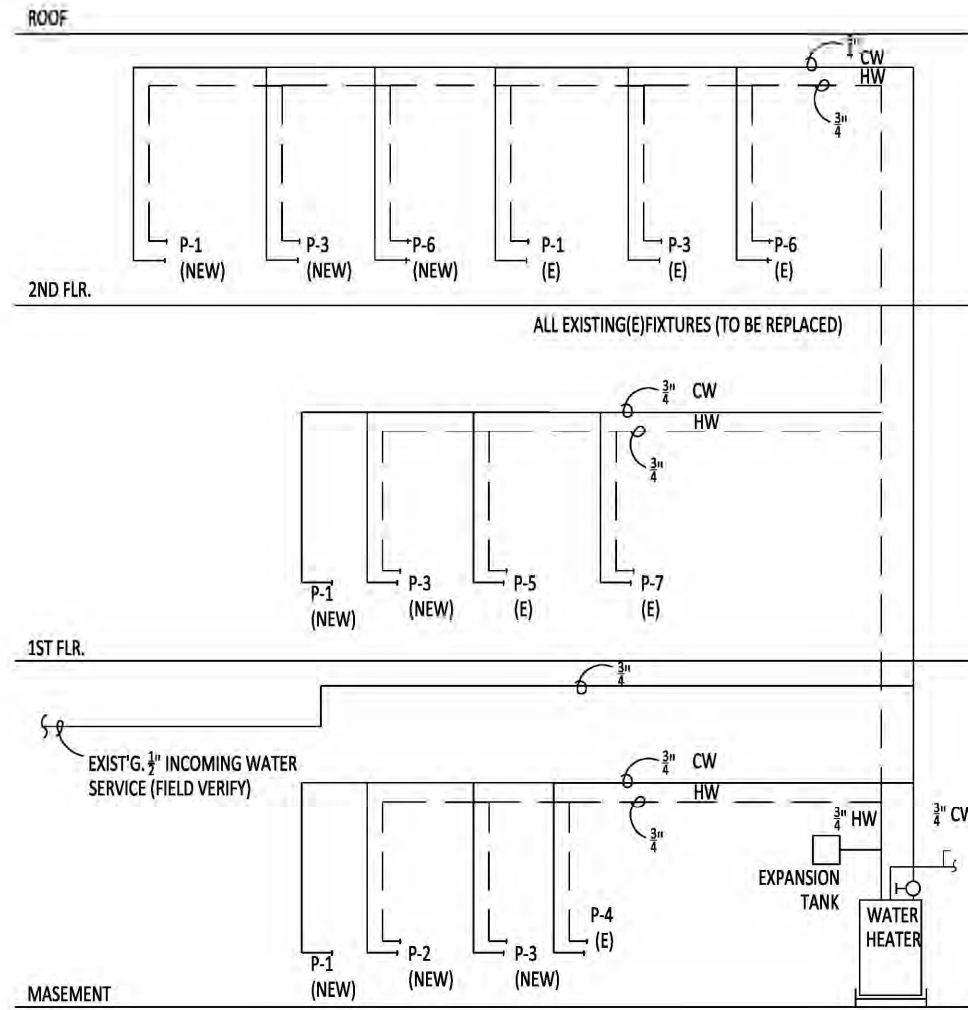
FIRST & SECOND FLOOR
ELECTRICAL PLAN

E002



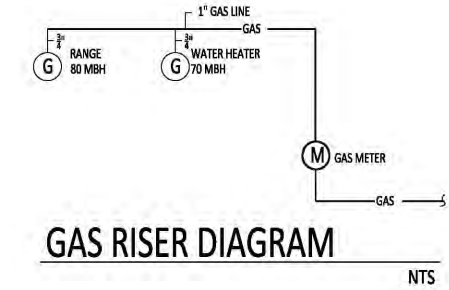
EXISTING/PROPOSED SANITARY RISER DIAGRAM

NTS



EXISTING/PROPOSED WATER RISER DIAGRAM

NTS



GAS RISER DIAGRAM

NTS

1 WATER/WASTE RISER DIAGRAMS
NTS

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	CW	HW	WASTE	VENT	REMARKS
P-1	WATER CLOSET	1/2"		4"	2"	
P-2	SHOWER	1/2"	1/2"	2"	1 1/2"	Provide Anti-Scald mixing valve
P-3	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	
P-4	WASHING MACHINE	1/2"	1/2"	2"	1 1/2"	
P-5	KITCHEN SINK	1/2"	1/2"	1 1/2"	1 1/2"	
P-6	TUB	1/2"	1/2"	2"	1 1/2"	Provide Anti-Scald mixing valve
P-7	DISHWASHER	1/2"				
P-8	UTILITY SINK	1/2"	1/2"	1 1/2"	1 1/2"	



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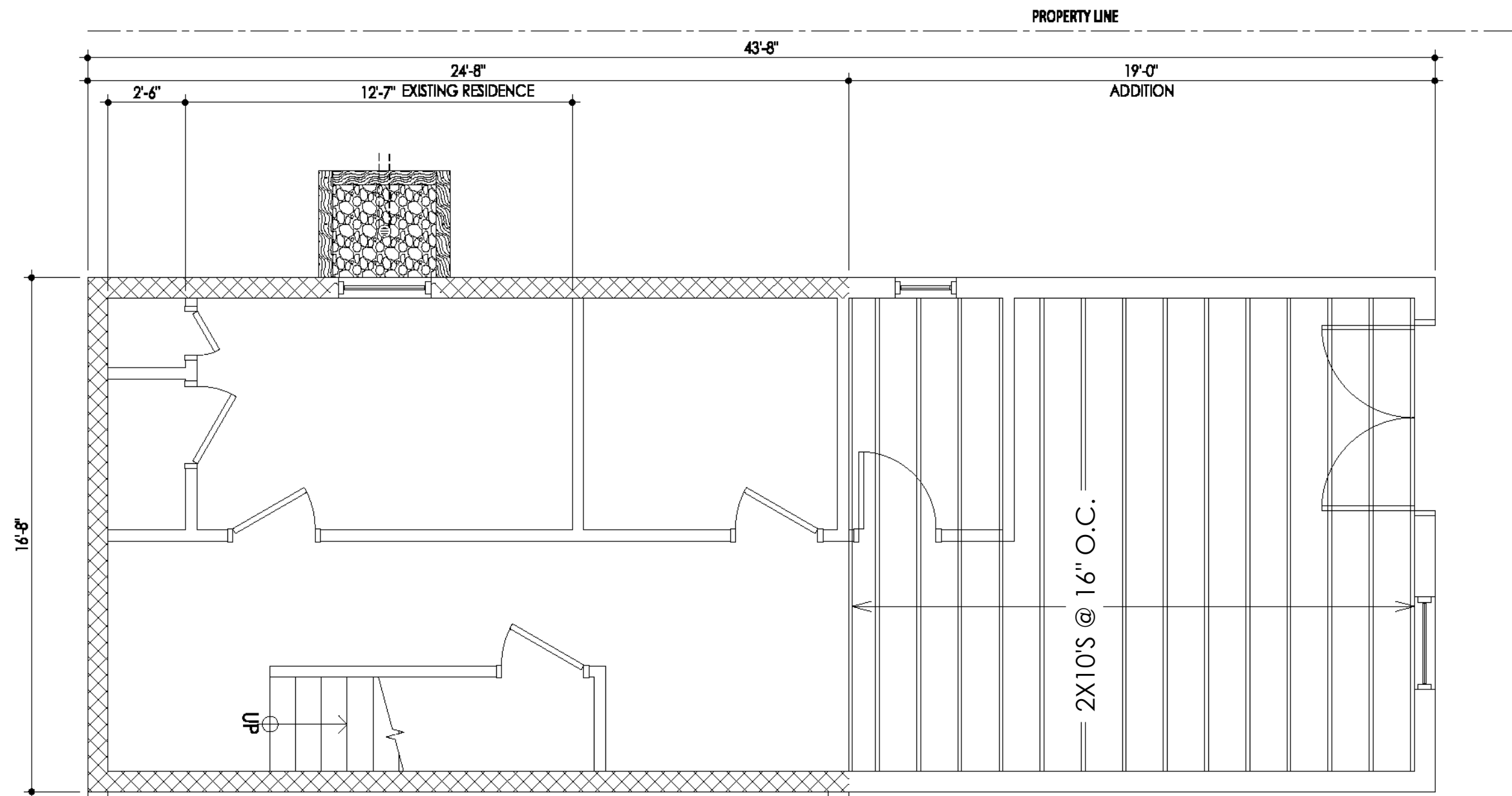
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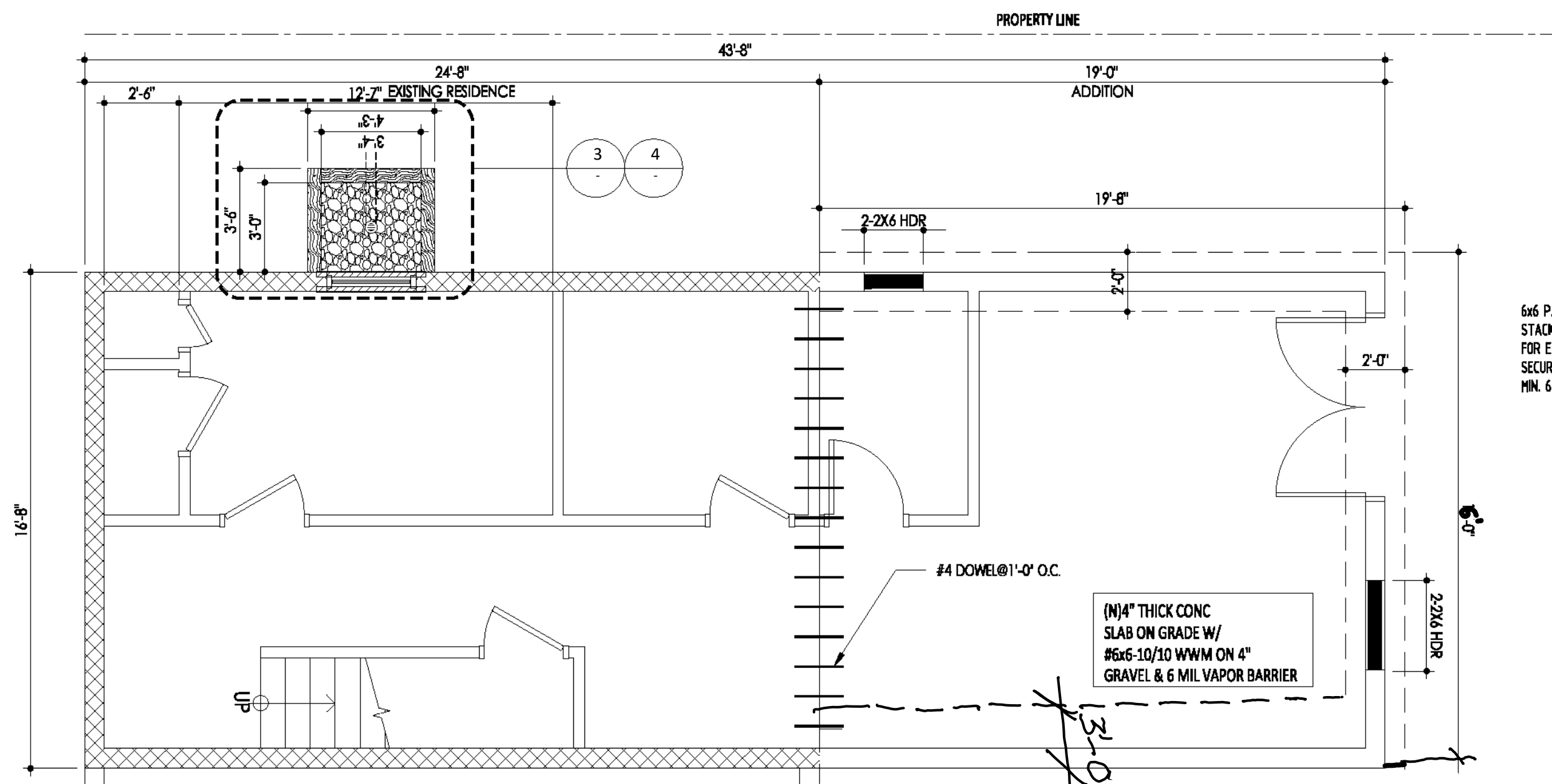
PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

WATER/WASTE
RISER DIAGRAMS &
FIXTURE SCHEDULE

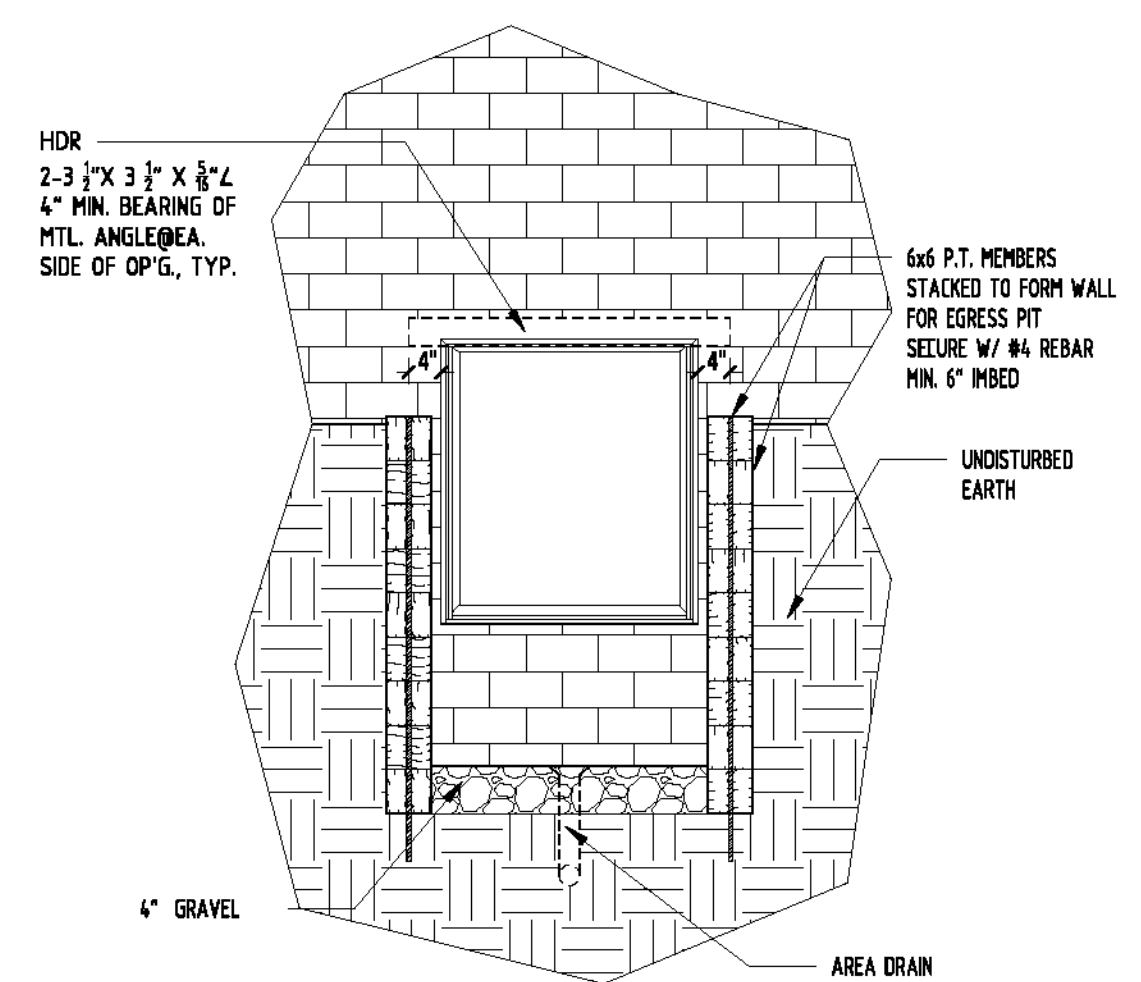
P001



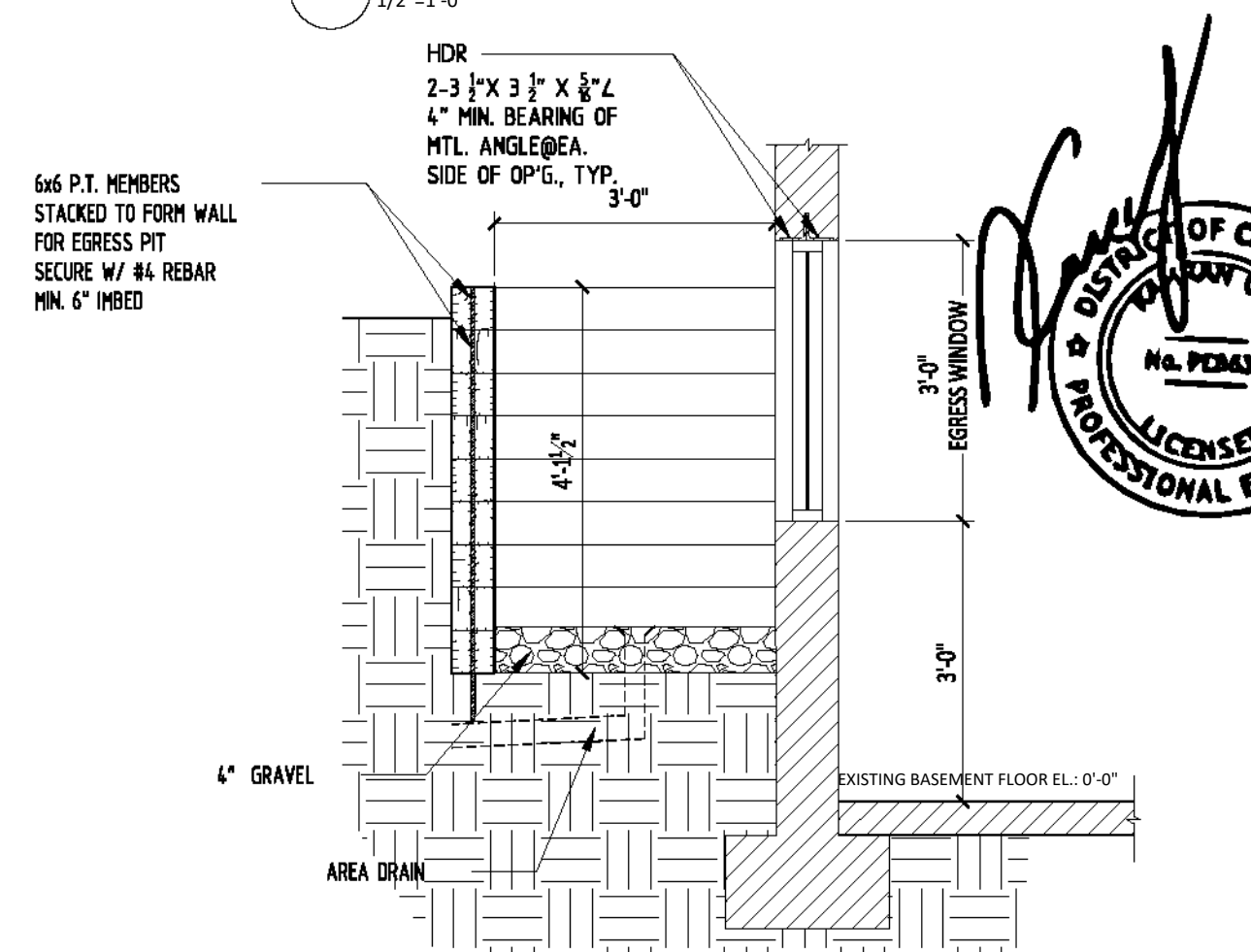
2 FIRST FLOOR FRAMING PLAN
1/4"=1'-0"



1 BASEMENT SLAB/FOOTING PLAN
1/4"=1'-0"



3 EGRESS WINDOW/WINDOW WELL SECTION/ELEVATION
1/2"=1'-0"



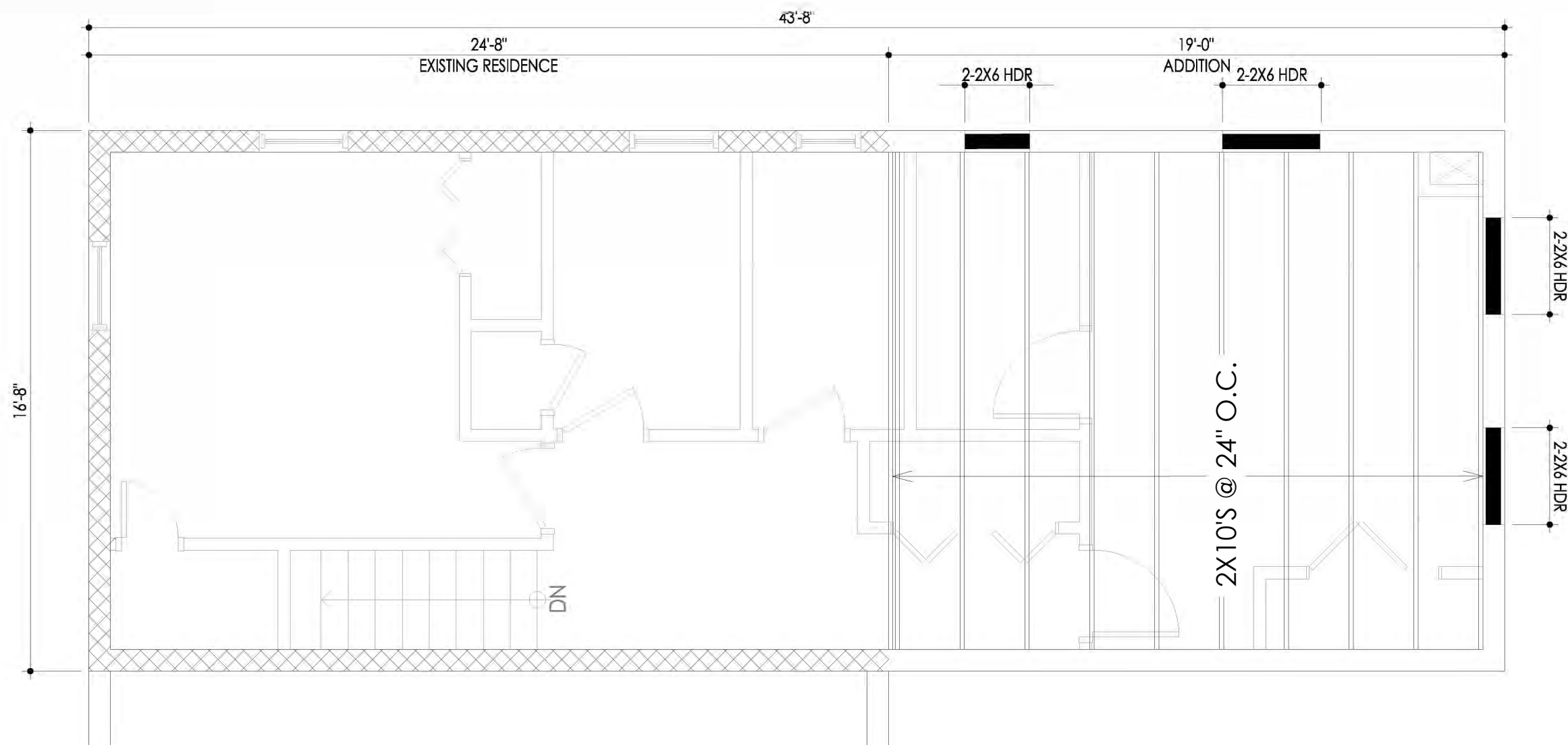
4 EGRESS WINDOW/WINDOW WELL SECTION
1/2"=1'-0"

POTTS
CONSTRUCTION & DESIGN GROUP, LLC
POTTS CONSTRUCTION
& DESIGN GROUP
P.O. BOX 1748
BELTSVILLE MD 20704

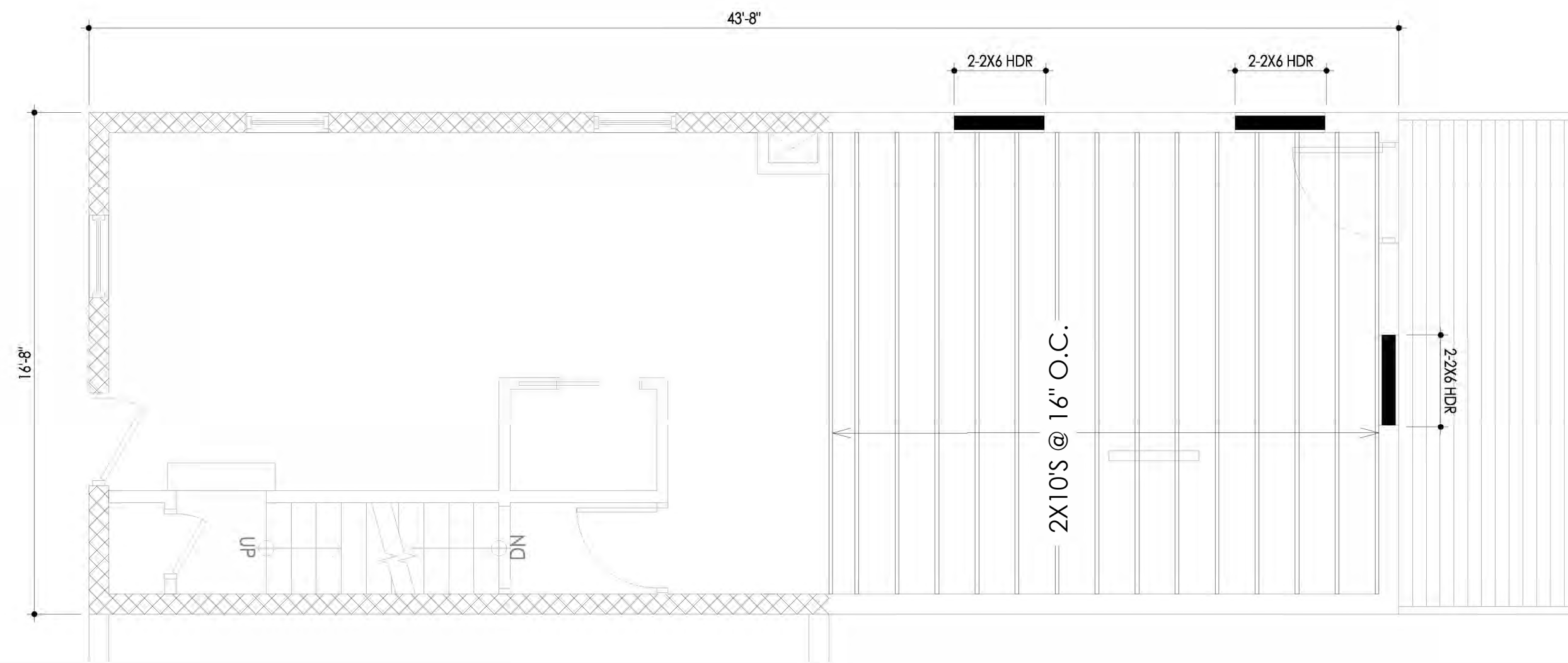
DISTRICT OF COLUMBIA
PROFESSIONAL ENGINEER
No. PD6437
PRIVATE RESIDENCE
4672 A ST SE
WASHINGTON, DC

REVISIONS
PROJECT NO.
DATE: OCTOBER 1, 2018
SCALE: AS SHOWN
BASEMENT SLAB/FOOTING
PLAN, FIRST FLOOR FRAMING
PLAN

S001



2 ROOF FRAMING PLAN
1/4"=1'-0"



2 SECOND FLOOR FRAMING PLAN
1/4"=1'-0"



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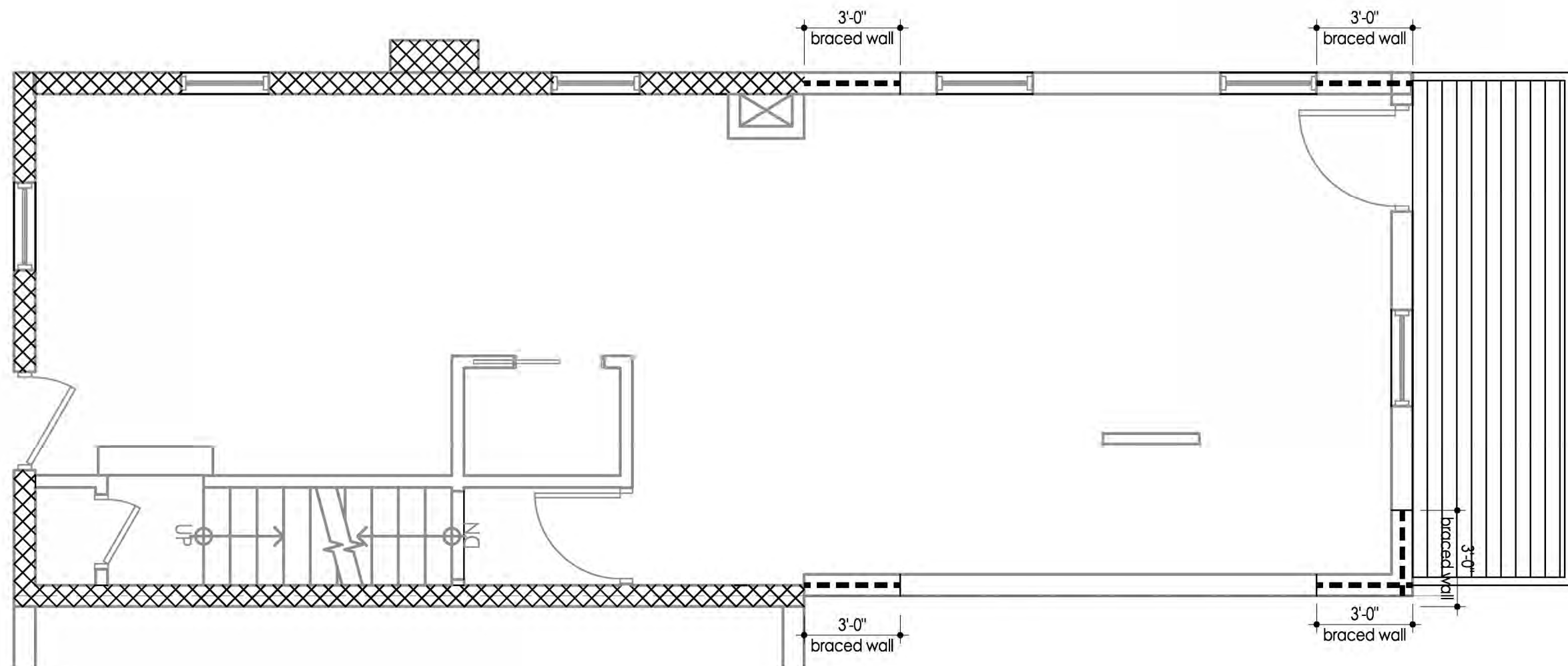
REVISIONS

NO.	DESCRIPTION

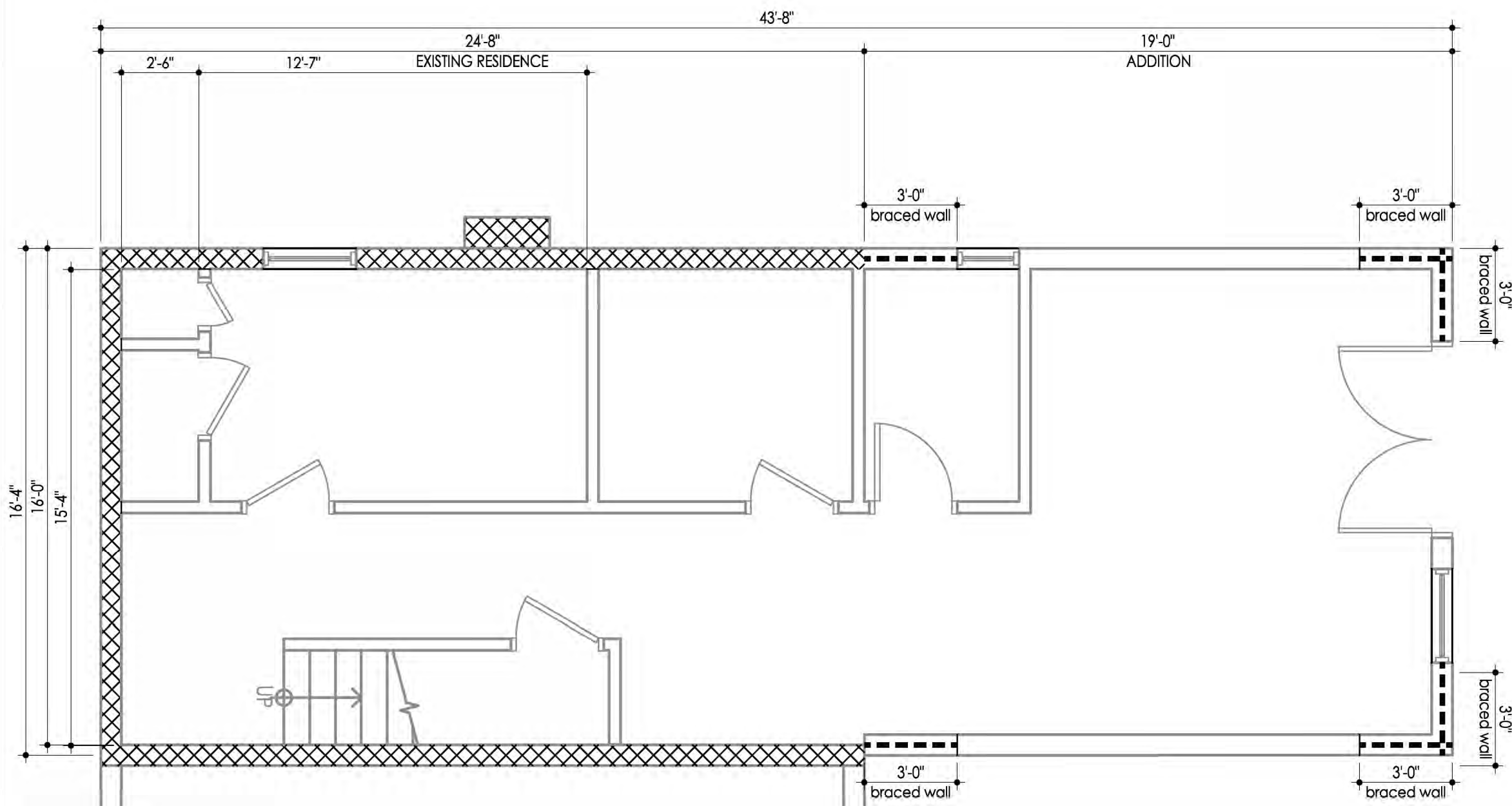
PROJECT No.
DATE: OCTOBER 1, 2018
SCALE: AS SHOWN

SECOND FLOOR & ROOF FRAMING PLAN

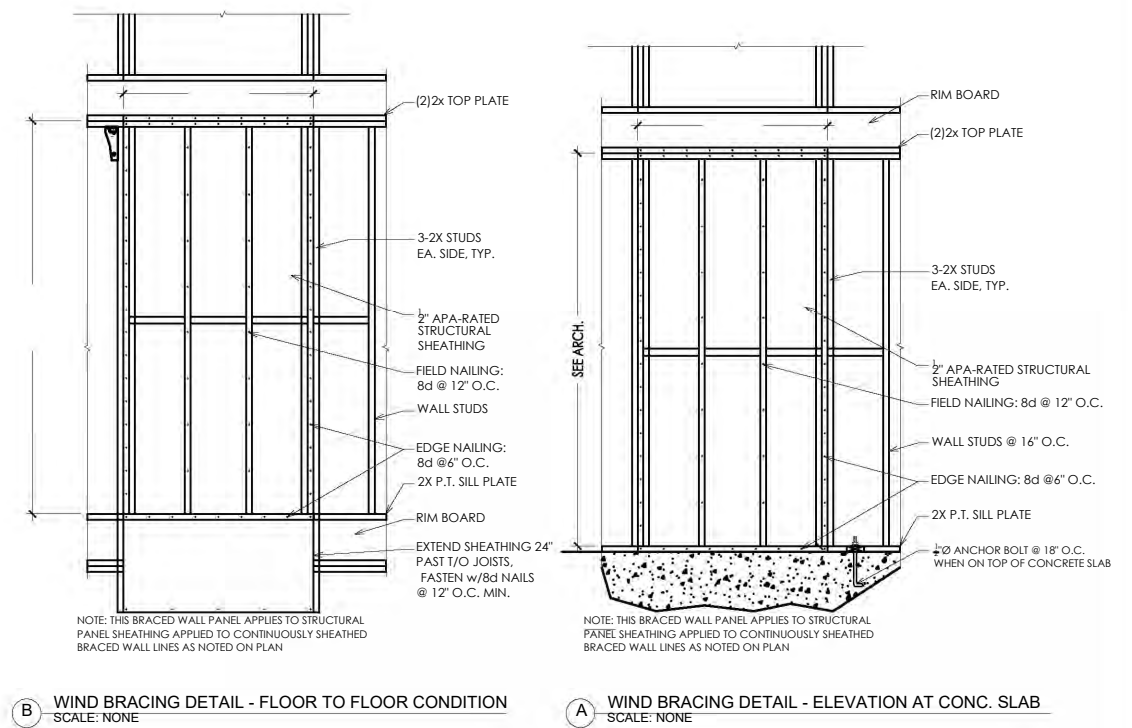
S002



2 FIRST FLOOR BRACED WALL PLAN
1/4"=1'-0"



1 BASEMENT BRACED WALL PLAN
1/4"=1'-0"



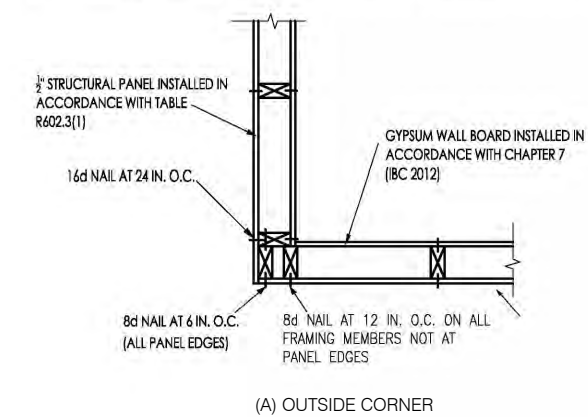
(B) WIND BRACING DETAIL - FLOOR TO FLOOR CONDITION
SCALE: NONE

(A) WIND BRACING DETAIL - ELEVATION AT CONC. SLAB
SCALE: NONE

PLYWOOD SHEAR PANEL SCHEDULE					
PANEL DESIGNATION	STRUCT. PLYWOOD	EDGE NAILING	FOUNDATION BOLTS SIZE & SPACING	SILL BOLTS SIZE & SPACING	MIN. NO. OF SILL BOLTS PER 6'-0" WIDTH
A	1/2"	10d @ 6" O.C.	5/8" @ 36" O.C.	SIMPSON SDS 6X6 SCREWS @ 6" O.C.	3

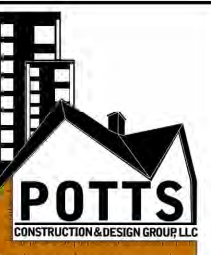
NOTES:

- USE 12" LONG ANCHOR BOLTS EXTENDING 4-1/2" OUT OF CONCRETE.
- USE SIMPSON "BP" BEARING PLATE AT ALL SHEAR WALL FND. BOLTS.
- PLYWOOD SHALL BE APPLIED OVER STUDS @ 16" O.C. ON ONE SIDE OF STUD.
- NAILING AT INTERMEDIATE MEMBERS TO BE SPACED AT 12" O.C.
- ALL EXTERIOR FOOTINGS SHALL HAVE SILL BOLTS, SEE DETAIL 5/S104
- TYP. U.N.O. SILL BOLTS ARE 12" LONG (MIN)
- FOR OTHER NOTES SEE GENERAL NOTES
- STAGGER NAILS WHERE PANELS ARE APPLIED ON BOTH FACES AND WHEN NAILING SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, OR WHERE PANEL APPLIED IN ONE SIDE & NAIL LESS THAN 3" O.C.
- OVERLAP SHEATHING BETWEEN FLOORS 24" STAGGERED FOR ALL EXTERIOR SHEATHING.



(A) OUTSIDE CORNER

3 WALL BRACING DETAILS
NTS



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NO.	DATE	DESCRIPTION

PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

BASEMENT & FIRST FLOOR
BRACED WALL PLANS &
DETAILS

S003



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& DESIGN GROUP
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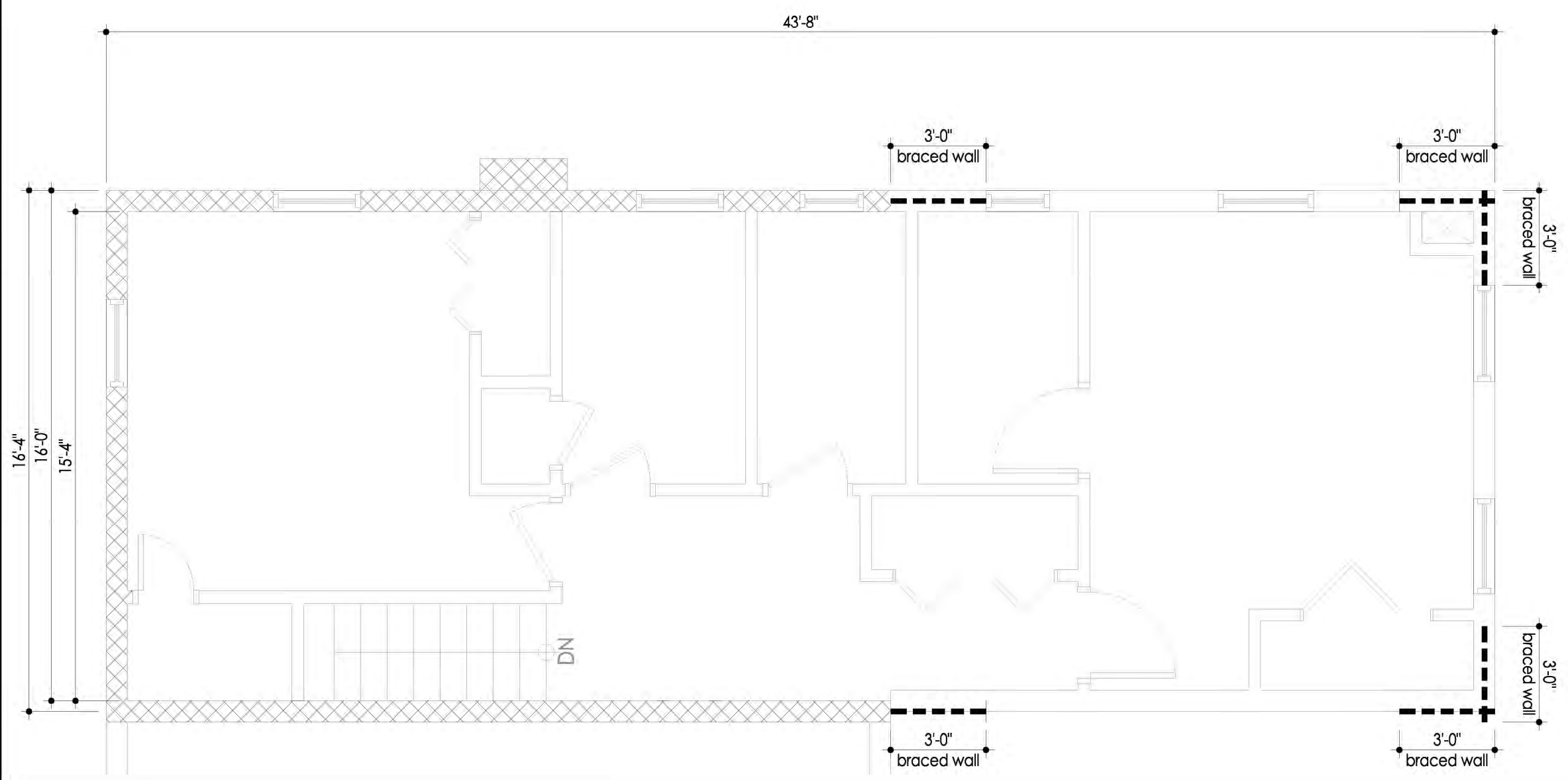
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PROJECT No.
DATE: October 1, 2018
SCALE: AS SHOWN

SECOND FLOOR
BRACED WALL PLAN

S004



1 SECOND FLOOR BRACED WALL PLAN
1/4"=1'-0"

**DISTRICT OF COLUMBIA GOVERNMENT
OFFICE OF THE SURVEYOR**

Washington, D.C., October 5, 2018

Plat for Building Permit of: SQUARE 5349 LOT 30

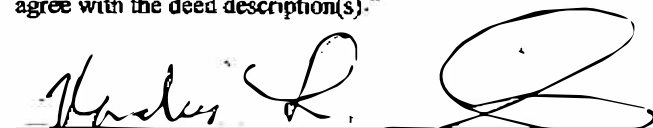
Scale: 1 inch = 20 feet

Recorded in Book 124 Page 15

Receipt No. 19-00087 Drawn by: A.S.

Furnished to: ROBERT POTTS

"I hereby certify that the dimensions and configuration of the lot(s) hereon depicted are consistent with the records of the Office of the Surveyor unless otherwise noted, but may not reflect actual field measurements. The dimensions and configuration of A&T lots are provided by the Office of Tax and Revenue and may not necessarily agree with the deed description(s)."


 For: Surveyor, D.C.

I hereby certify that on this plat on which the Office of the Surveyor has drawn the dimensions of this lot, I have accurately and completely depicted and labeled the following:

- 1) all existing buildings and improvements - including parking spaces, covered porches, decks and retaining walls over four feet above grade, and any existing face-on-line or party wall labeled as such, well as projections and improvements in public space - with complete and accurate dimensions;
- 2) all proposed demolition or raze of existing buildings duly labeled as such; all proposed buildings and improvements - including parking spaces, covered porches, decks and retaining walls over four feet above grade, any existing face-on-line or party wall labeled as such, as well as projections and improvements in public space and the improvements used to satisfy pervious surface or green area ratio requirements - with complete and accurate dimensions, in conformity with the plans submitted with building permit application B1902268; and
- 3) any existing chimney or vent on an adjacent property that is located within 10 feet of this lot.

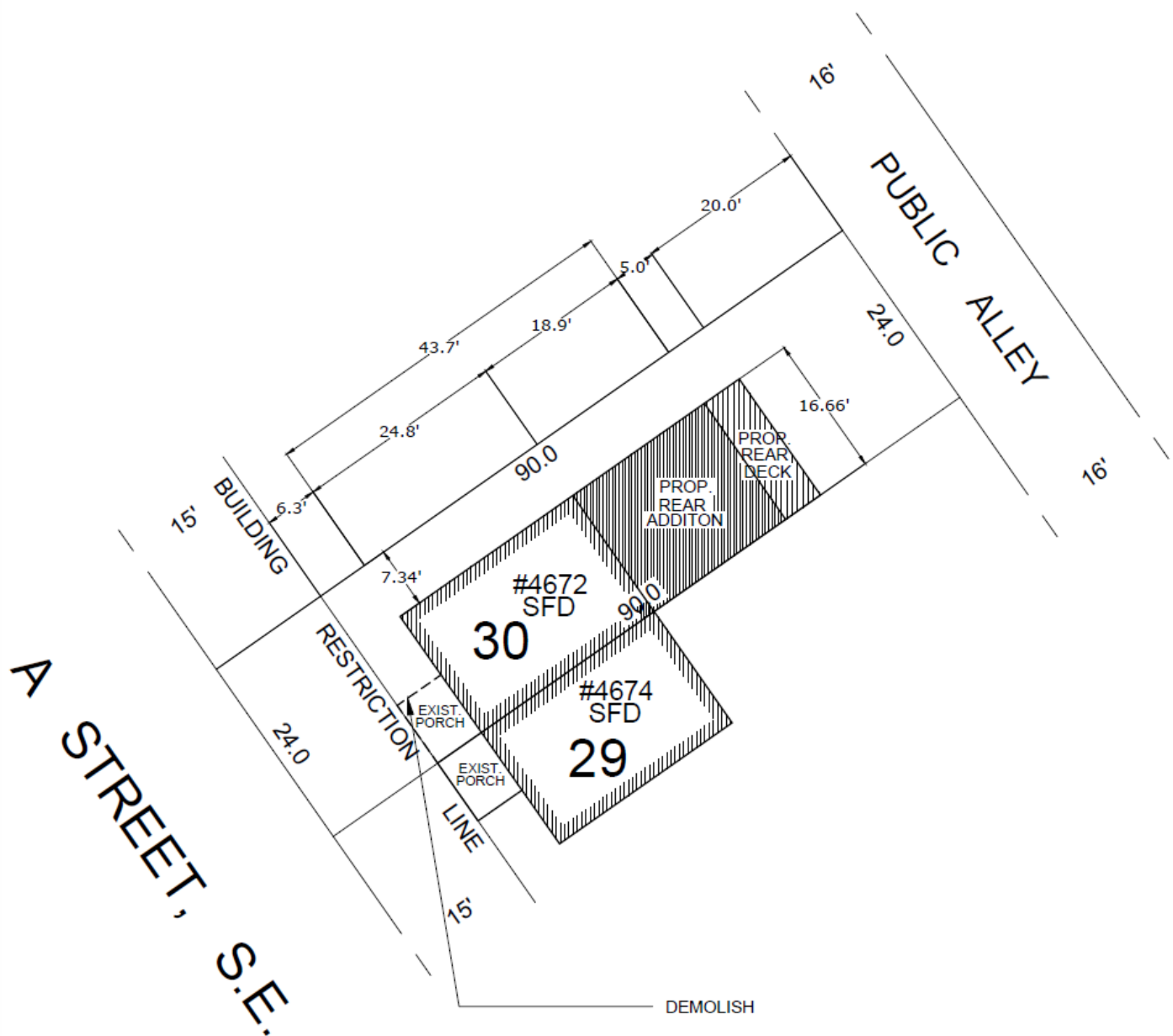
I also hereby certify that:

- 1) my depiction on this plat, as detailed above, is accurate and complete as of the date of my signature hereon;
- 2) there is no elevation change exceeding ten feet measured between lot lines; or if so, this elevation change is depicted on a site plan submitted with the plans for this permit application;
- 3) I have/have not (circle one) filed a subdivision application with the Office of the Surveyor;
- 4) I have/have not (circle one) filed a subdivision application with the Office of Tax & Revenue; and
- 5) if there are changes to the lot and its boundaries as shown on this plat, or to the proposed construction and plans as shown on this plat, that I shall obtain an updated plat from the Office of the Surveyor on which I will depict all existing and proposed construction and which I will then submit to the Office of the Zoning Administrator for review and approval prior to permit issuance.

The Office of the Zoning Administrator will only accept a Building Plat issued by the Office of the Surveyor within the 6 months prior to the date DCRA accepts a Building Permit Application as complete. I acknowledge that any inaccuracy or errors in my depiction on this plat will subject any permit or certificate of occupancy issued in reliance on this plat to enforcement, including revocation under Sections 105.6(1) and 110.5.2 of the Building Code (Title 12A of the DCMR) as well as prosecution and penalties under Section 404 of D.C. Law 4-164 (D.C. Official Code §22-2405).

Signature: OLIVIA AKINSAN Date: 11th March 2019
 Printed Name: OLIVIA AKINSAN Relationship to Lot Owner: AGENT

If a registered design professional, provide license number _____ and include stamp below.



SCALE: 1:20