

LIST OF DRAWINGS

- COVER SHEET
- A1 FLOOR PLANS
- A2 GARAGE ELEVATIONS
- A3 GARAGE ELEVATIONS
- A4 SECTIONS
- A5 SECTIONS
- S1 STRUCTURAL PLANS
- E1 LIGHTING + POWER PLANS
- M1 MECH PLAN



Historic Preservation Clearance for Exterior Work. Scope of approved exterior work is restricted only to drawings with this stamp.

Signature and date: SV 4/7/15

OFFICIAL

GOVERNMENT OF THE DISTRICT OF COLUMBIA
PERMITTING OPERATION DIVISION

All work must be done strictly in accordance herewith and approved plans must be kept on the site until completion of construction. No inspection will be made unless Approved Plans are on job site.

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DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
STRUCTURAL WORK IN GENERAL
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION

Date: 5-18-15 Structural Engr. Section

View From Alley

CLIENT
PATTY JORDAN & ANDREW DALY
1120 PARK ST NE
WASHINGTON DC
20002

PROJECT
NEW GARAGE

PROJECT NO.
11-034

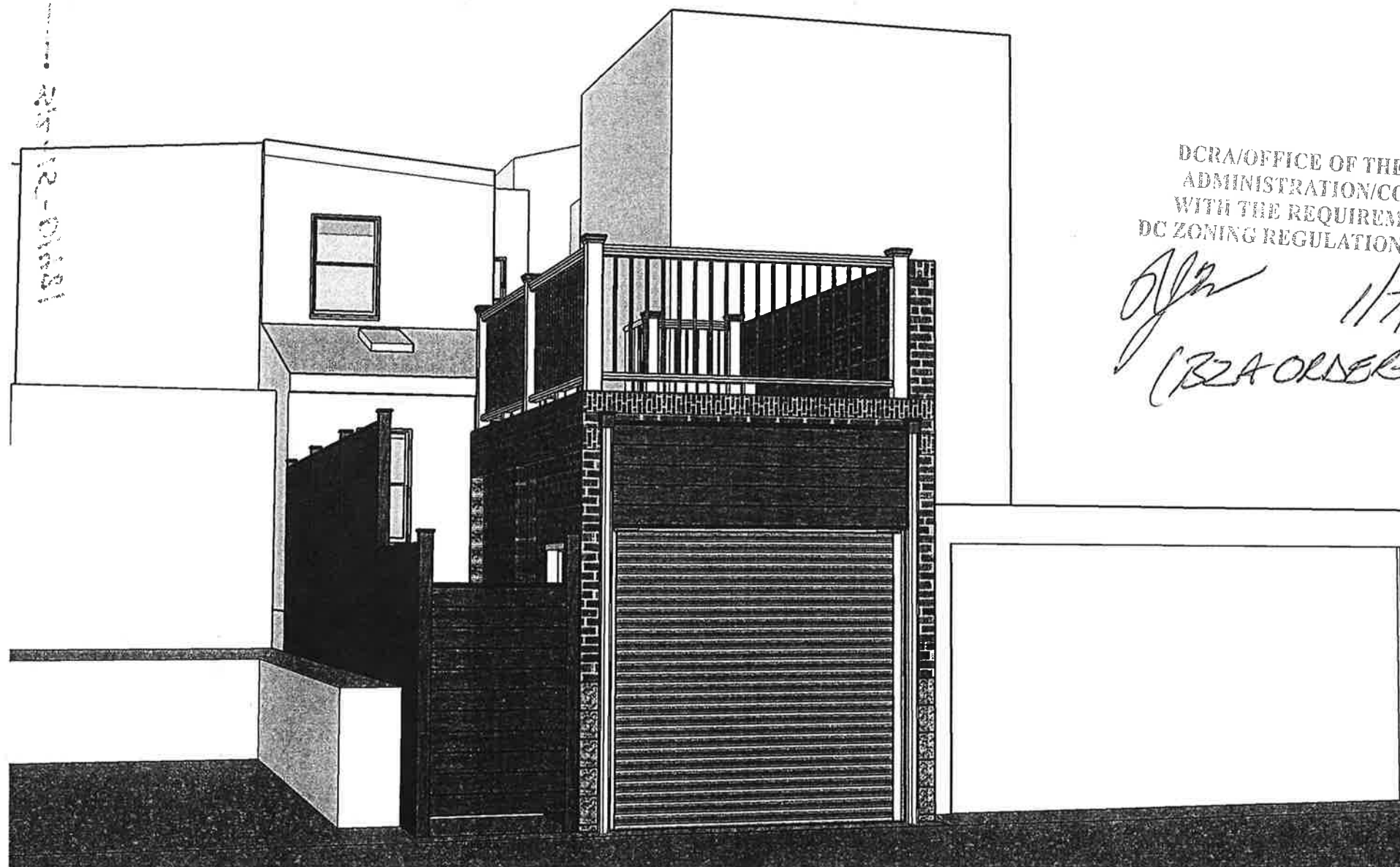
DRAWN BY
EP

ISSUE
22 SEPT 2014
PERMIT SET

COVER SHEET

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COVER SHEET

AVENUE
DESIGN

ABBREVIATIONS

A.D.	AREA DRAIN
AFF	ABOVE FINISH FLOOR
A.P.	ACCESS PANEL
CJ	CONTROL JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
CT	CERAMIC TILE
CLG	CEILING
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
DIA	DIAMETER
DN	DOWN
DWG	RAWING
EA.	EACH
EL	ELEVATION
ELEC.	ELECTRICAL
EQ	QUAL
EQUIP	EQUIPMENT
EXT	EXTERIOR
F.D.	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
F.O.C.	FACE OF CONCRETE
F.O.M.	FACE OF MASONRY
F.O.S.	FACE OF STUD
F.R.	FIRE RATED (RESISTIVE)
FIN.	FINISH
FLR.	FLOOR
GA.	GAUGE
GALV.	GALVANIZED
GL.	GLAZED
GYP.	GYPSUM BOARD
H.M.	HOLLOW METAL
HDW.	HARDWARE
IBC	INTERNATIONAL BUILDING CODE
I/O	INDOOR /OUTDOOR
IRC	INTERNATIONAL RESIDENTIAL CODE
LAV	LAVATORY
M.O.	MASONRY OPENING
MATL.	MATERIAL
MAX	MAXIMUM
MECH.	MECHANICAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MIN.	MINIMUM
MTL	METAL
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
NOM.	NOMINAL
O.C.	ON CENTER
O.D.	OUTER DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OPP	OPPOSITE
PLYWD	PLYWOOD
P.T.	PRESSURE TREATED
PNL	PANEL
QTY	QUANTITY
R.D.	ROUGH OPENING
R.O.	ROUGH OPENING
REF	REFRIGERATOR
REINF	REINFORCEMENT
RESIL	RESILIENT
REQ'D	REQUIRED
REV.	REVERSE
RM	ROOM
SS	STAINLESS STEEL
SCHED	SCHEDULE
SHT	SHEET
SIM	SIMILAR
SPECS	SPECIFICATIONS
STL	STEEL
STOR	STORAGE
STRUCT	STRUCTURAL
T.O.S.	TOP OF SLAB
TYP.	TYPICAL
U-CUT	UNDERCUT
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
W.C.	WATER CLOSET
W.P.	WORKING POINT
W/	WITH

1120 Park St NE
Washington DC 20002

GENERAL NOTES

FOUNDATION AND SLAB ON GRADE
FOOTINGS ARE DESIGNED FOR A BEARING CAPACITY OF 1500 PSF. FOOTING SHALL BEAR ON NATURAL UNDISTURBED SOIL 1'-0" BELOW ORIGINAL GRADE OR ON STRUCTURAL COMPACTED FILL. BOTTOM OF EXTERIOR FOOTINGS SHALL BE 2'-6" BELOW FINISHED GRADE
MASONRY
ALL MORTAR SHALL CONFORM TO ASTM C720. MORTAR TO BE USED SHALL BE SAMPLED AND TESTED BY THE BRICK AND MASONRY SUPPLIERS ACCORDING TO ASTM C780 AND RESULTS SUBMITTED TO THE ENGINEER FOR APPROVAL. MORTAR SHALL BE PORTLAND CEMENT MORTAR TYPE 2 AS A MINIMUM. LOOSE LINTEL FOR OPENINGS IN MASONRY WALLS SHALL BE AS FOLLOWS FOR EACH 4" WIDTH:
UP TO 3'-0" 3 1/2" X 3 1/2" X 5/16"
3'-1" TO 5'-0" 4" X 3 1/2" X 5/16"
5'-1" TO 6'-0" 5" X 3 1/2" X 3/8"
6'-1" TO 8'-0" 6" X 3 1/2" X 3/8"

SHORT LEG OUTSTANDING W/ 6" MIN. BEARING INTERIOR NON-LOAD LINTEL TO BE PRE-CAST
WOOD
STRUCTURAL WOOD MEMBERS TO BE SOUTHERN YELLOW PINE NUMBER TWO. ALL CONSTRUCTION TO CONFORM TO LATEST "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION."
PROVIDE DOUBLE JOIST AT PARALLEL PARTITIONS WHERE PARTITION LENGTH EXCEEDS 1/3" JOIST SPAN.
PROVIDE 1X3 CROSS BRIDGING AT 8'-0" O.C. AT ALL FLOOR AND ROOF JOISTS. MICROLAM MEMBERS SHALL CONFORM TO THE FOLLOWING MINIMUM ALLOWABLE STRESSED:
MOD. OF ELAS. 1,900,000 PSI
FLEXURAL STRESS 2,600 PSI
PARALLEL TENSION 1,555 PSI
PERPENDICULAR COMPRESSION 750 PSI
PARALLEL COMPRESSION 2,310 PSI
HORIZ. PERP. SHEAR 285 PSI
TJI'S AND LAMS SHALL BE BY JOIST MACMILLAN OR APPROVED EQUAL AND INSTALLED PER MNFR REQS

BUILDING INFO SUMMARY

CONSTRUCTION TYPE: VB, COMBUSTABLE, UNPROTECTED (EXCEPT AT PROPERTY LINE)
USE GROUP: U - UTILITY (PRIVATE GARAGE)
SPRINKLERED? N/A, FIRE ALARM?, N/A

EXTERIOR AREA	
TOTAL LOT	1355 SF
LOT OCCUPANCY	ALLOWED 70% 949 SF PROPOSED 70% 949 SF (BY BZA ORDER 18514)
EXISTING HOUSE LOT AREA:	791.0 SF

GARAGE INFO	
GBA (10.0' X 15.8') = 158 SF	
ALLOWABLE HEIGHT = 15 FT	PROPOSED HEIGHT

ZONING	
SQUARE / LOT	0987 / 0008
ZONE DISTRICT	R-4

DESIGN CODES

REFERENCE	
1.) INTERNATIONAL BUILDING CODE	2012
DCRM 12 SUPPLEMENTARY CODE	2013
2.) BUILDING CODES FOR STRUCT. CONC.	ACI-318-05
3.) BUILDING CODES FOR MAS. STRUCT.	ACI-530-05/ASCE 5-05
4.) SPECS FOR STRUC. STEEL	AISC 13TH ED.

DESIGN LOADS	
FLOOR LL	
FLOOR -	40 PSF
SLEEPING ROOM -	30 PSF
STAIRS -	40 PSF
ROOF LOAD	
MIN. LL -	30 PSF
GROUND SNOW LOAD (Pg) -	30 PSF
FLAT ROOF SNOW LOAD (Pf) -	24 PSF
SNOW EXPOSURE FACTOR (Ce)	1.0
SNOW LOAD IMPORTANCE FACTOR (Is)	1.0
THERMAL FACTOR (Ct)	1.0
WIND LOAD	
BASIC 3sec. GUST -	90MPH
WIND LOAD IMPORTANCE FACTOR	1.0
WIND EXPOSURE	C
INTERNAL PRESSURE COEFFICIENT	.018



BUILDING DATA

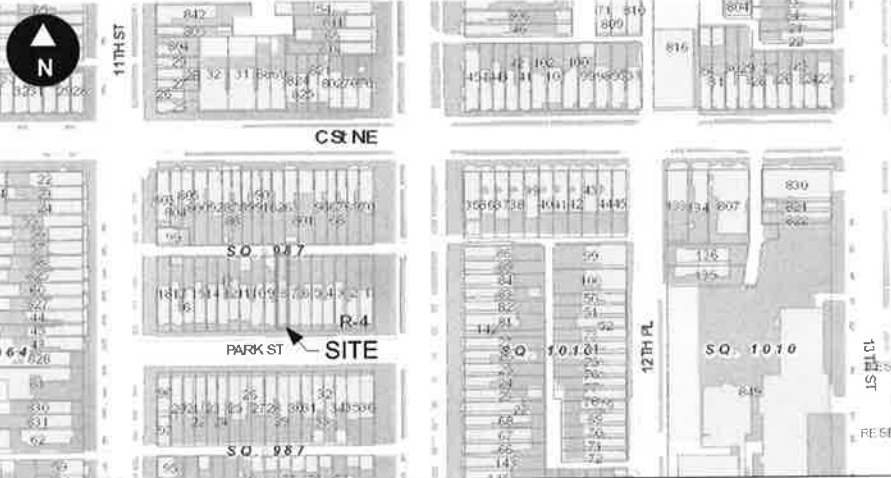
ELEMENT	R-VALUE (U-VALUE AT GLAZING)	SUNROOM
WINDOW/DOOR	0.40 (U-VALUE)	0.50 (U-VALUE)
SKYLIGHT	0.60 (U-VALUE)	0.75- (U-VALUE) 19
CEILING	49	19
WD. WALL	20	13
CONC. WALL	5	5
FLOOR	19	21
BASEMENT WALLS	10/13	10/13
SLAB ON GRADE	10	10
CRAWL SPACE	10/13	10/13

- 1.) USE R-10 WHEN APPLIED CONTINUOUSLY AGAINST THE WALL; USE R-13 WHEN BETWEEN STUDS
2.) INSULATION MUST EXTEND FROM THE SLAB EDGE TO A LENGTH OF 24" VERT. AND/OR HORIZ.
3.) USE INSULATION ON CRAWLSPACE WALL IN NON-VENTED CONDITION

SCOPE OF WORK

NEW GARAGE INCLUDING ASSOCIATED ELECTRICAL, AND PLUMBING WORK.

VICINITY MAP



Avenue Design
519 11TH ST, SE
WASHINGTON, DC
20003
Tel: 202.744.7825

CLIENT
PATTY JORDAN & ANDREW DALY
1120 PARK ST NE
WASHINGTON DC 20002

PROJECT
NEW GARAGE
PROJECT NO.
11-034

ISSUE
23 SEPT 2014
PERMIT SET
DRAWN BY
EP

PROJECT INFO

CS1

DISTRICT OF COLUMBIA GOVERNMENT
OFFICE OF THE SURVEYOR

December 10, 2014 M F Surveyor, D.C.

Washington, D.C., August 3, 2012

Plat for Building Permit of SQUARE 987 LOT 8

Scale: 1 inch = 20 feet Recorded in Book RLH Page 44

Receipt No.: 12-05512 SR-15-01481

Furnished to: ERIC PETERSON

I hereby certify that all existing improvements shown hereon, are completely dimensioned, and are correctly platted; that all proposed buildings or construction, or parts thereof, including covered porches, are correctly dimensioned and platted and agree with plans accompanying the application; that the foundation plans as shown hereon is drawn, and dimensioned accurately to the same scale as the property lines shown on this plat; and that by reason of the proposed improvements to be erected as shown hereon the size of any adjoining lot or premises is not decreased to an area less than is required by the Zoning Regulations for light and ventilation; and it is further certified and agreed that accessible parking area where required by the Zoning Regulations will be reserved in accordance with the Zoning Regulations, and that this area has been correctly drawn and dimensioned hereon. It is further agreed that the elevation of the accessible parking area with respect to the Highway Department approved curb and alley grade will not result in a rate of grade along centerline of driveway at any point on private property in excess of 20% for single-family dwellings or flats, or in excess of 12% at any point for other buildings. (The policy of the Highway Department permits a maximum driveway grade of 12% across the public parking and the private restricted property.)

Date: 12-9-2014

(Signature of owner or his authorized agent)



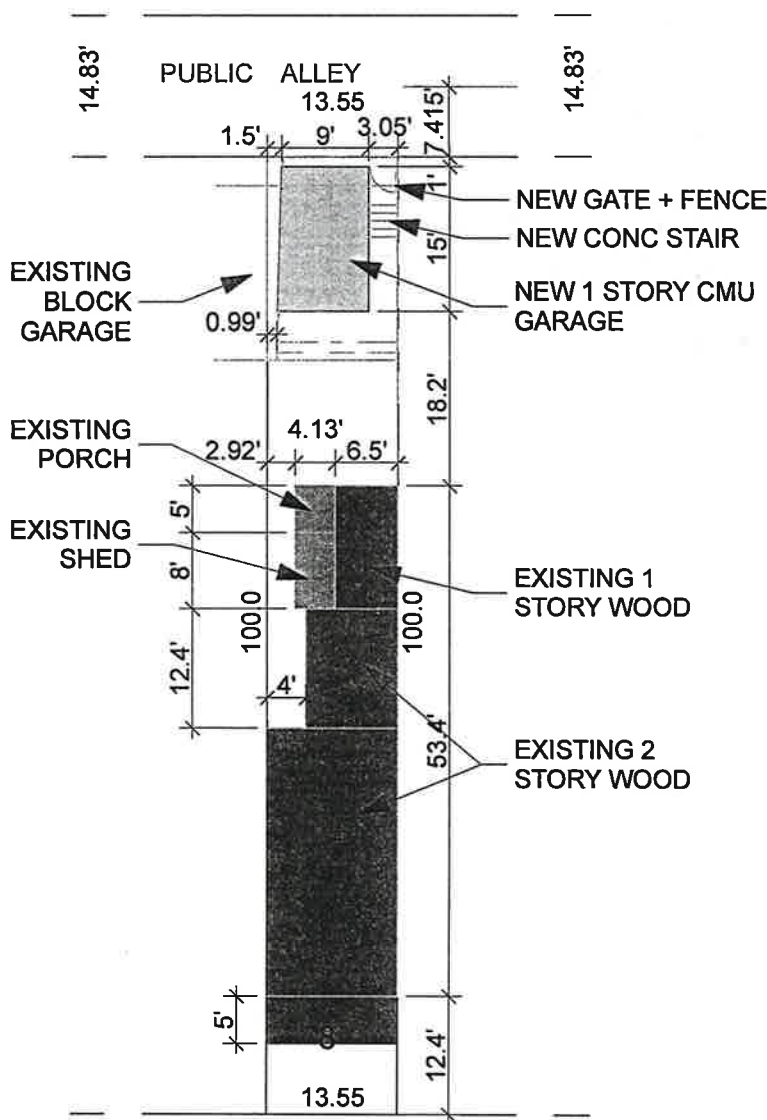
NOTE: Data shown for Assessment and Taxation Lots or Parcels are in accordance with the records of the Department of Finance and Revenue, Assessment Administration, and do not necessarily agree with deed description.

DISTURBANCE LEGEND

- LINE OF SILT FENCE
- AREA OF DISTURBANCE
- AREA OF CUT

SOIL DISTURBANCE CALCS

AREA OF DISTURBANCE = 220 SF
AREA OF CUT 11.58 CY
AREA OF FILL 0 CY



PARK STREET, N.E.

DCRA/OFFICE OF THE ZONING
ADMINISTRATION/COMPLIES
WITH THE REQUIREMENTS OF
DC ZONING REGULATIONS (11 DCMR)

(BZA ORDER #185141)

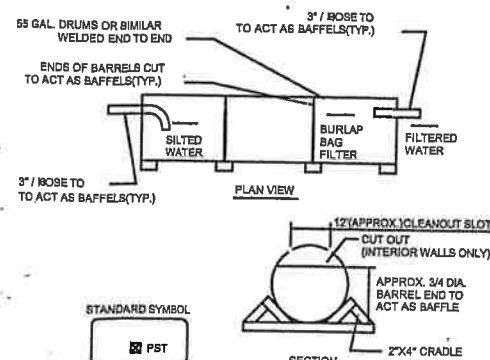
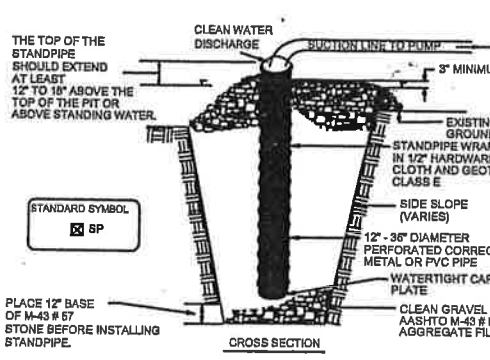
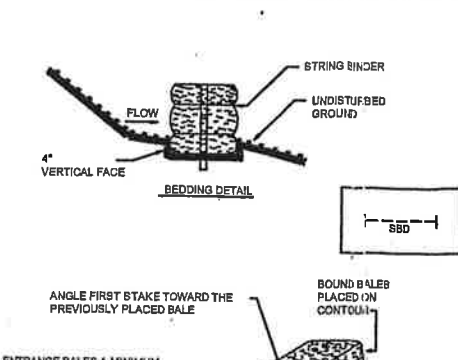
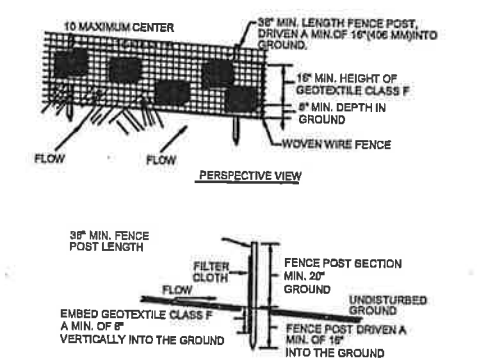
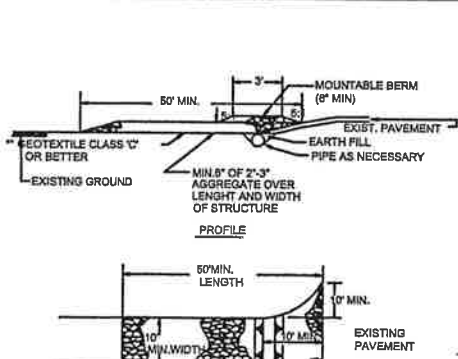
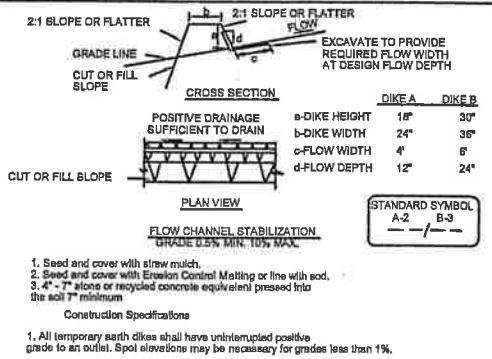
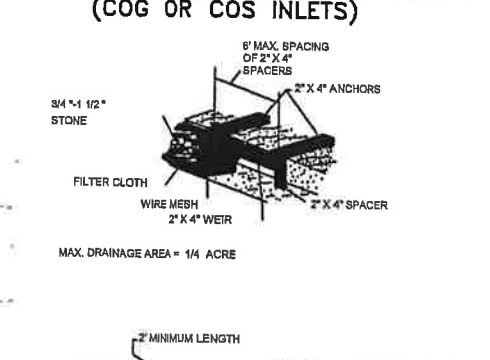
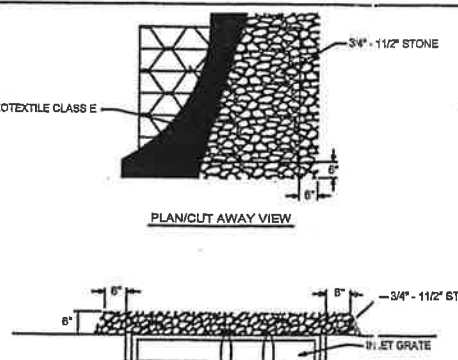
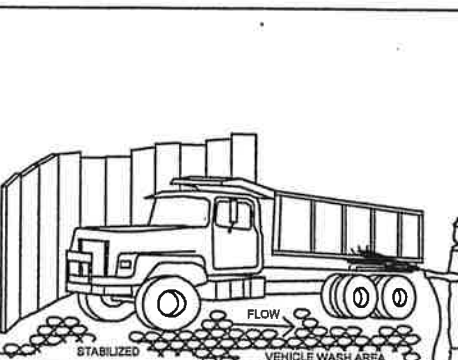
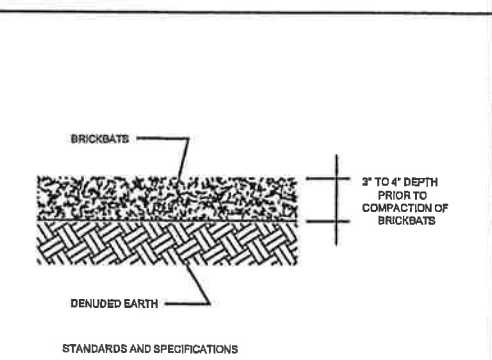


ZONING INFO

ADDRESS: 1120 PARK ST NE WASHINGTON DC 20002
LOT: 0008 SQUARE: 0987
PROPERTY DIMS AND AREA: 100FT X 13.55FT = 1,355 SF - 22.5 SF (ENCROACHING ADJACENT GARAGE) = 1,332.5 SF
EXISTING LOT OCCUPANCY AREA: 791.32 SF = 59.39%
NEW GARAGE AREA: 141.43 SF = 10.61%
EXISTING + PROPOSED GARAGE LOT OCCUPANCY AREA: 932.75 SF = 70.0%



Historic Preservation Clearance for Exterior Work. Scope of approved exterior work is restricted only to drawings with this stamp. Signature and date: SV 4/15

PORTABLE SEDIMENT TANK DETAIL  55 GAL. DRUMS OR SIMILAR WELDED END TO END TO ACT AS BAFFLES(TYP.) 3" / ROSE TO ACT AS BAFFLES(TYP.) ENDS OF BARRELS CUT TO ACT AS BAFFLES(TYP.) SILTED WATER BURLAP BAG FILTER FILTERED WATER 3" / ROSE TO ACT AS BAFFLES(TYP.) PLAN VIEW 12" APPROX. CLEANOUT SLOT CUT OUT (INTERIOR WALLS ONLY) APPROX. 3/4 DIA. BARREL END TO ACT AS BAFFLE 2"x4" CRADLE SECTION STANDARD SYMBOL PS-T CONSTRUCTION NOTES - CLEAN OUT THE SEDIMENT TANK WHEN ONE THIRD (1/3) FILLED WITH SILT. - STEEL DRUMS ARE USED AS AN EXAMPLE DUE TO THEIR READY AVAILABILITY. ANY TANKS MAY BE USED, PROVIDING THAT THE VOLUME REQUIREMENTS ARE MET AND THE APPROVAL IS FROM THE APPROVING AGENCY. - ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING DEVICE OR AS APPROVED BY THE INSPECTOR. - TANK STORAGE VOLUME REQUIRED = 18 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED.	SUMP PIT DETAIL  THE TOP OF THE STANDPIPE SHOULD EXTEND AT LEAST 12" TO 18" ABOVE THE TOP OF THE PIT OR ABOVE STANDING WATER. CLEAN WATER DISCHARGE 3" MINIMUM EXISTING GROUND LINE STANDPIPE WRAPPED IN 1/2" HARDWARE CLOTH AND GEOTEXTILE CLASS E SIDE SLOPE (VARIES) 12" - 36" DIAMETER PERFORATED CORRUGATED METAL OR PVC PIPE WATERTIGHT CAP OR PLATE CLEAN GRAVEL OR AASHTO M-43 #67 AGGREGATE FILL CROSS SECTION STANDARD SYMBOL SP PLACE 12" BASE OF M-43 #67 STONE BEFORE INSTALLING STANDPIPE. CONSTRUCTION SPECIFICATIONS - PIT DIMENSIONS ARE VARIABLE, WITH THE MINIMUM DIAMETER BEING 2 TIMES THE STANDPIPE DIAMETER. - THE STANDPIPE SHOULD BE CONSTRUCTED BY PERFORATING A 12" TO 24" DIAMETER CORRUGATED OR PVC PIPE, THEN WRAPPING WITH 1/2" HARDWARE CLOTH AND GEOTEXTILE CLASS E. THE PERFORATIONS SHALL BE 1/2" X 8" SLITS OR 1" DIAMETER HOLES. - A BASE OF FILTER MATERIAL, CONSISTING OF CLEAN GRAVEL OR #57 STONE SHOULD BE PLACED IN THE PIT TO A DEPTH OF 12", AFTER INSTALLING THE STANDPIPE. THE PIT SURROUNDING THE STANDPIPE SHOULD THEN BE BACKFILLED WITH THE SAME FILTER MATERIAL. - THE STANDPIPE SHOULD EXTEND 12" TO 18" ABOVE THE LIP OF THE PIT OR THE RISER CREST ELEVATION (BASIN DOWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.	STRAW BALE DIKE DETAIL  FLOW STRING BINDER UNDISTURBED GROUND 4" VERTICAL FACE BEDDING DETAIL ANGLE FIRST STAKE TOWARD THE PREVIOUSLY PLACED BALE ENTRANCE BALES A MINIMUM OF 4" INTO THE GROUND UNDISTURBED GROUND ANCHORING DETAIL BOUND BALES PLACED ON CONTIGUOUS 2 REBARS OR 2" x 2" DRIVEN 12" TO 18" INTO THE GROUND. STAKES ARE TO BE DRIVEN FLUSH WITH THE TOP OF THE BALES STANDARD SYMBOL SBD	STANDARDS AND SPECIFICATIONS FOR DUST CONTROL - THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE SO AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE. - THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL. - THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS. - THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS. - FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL: - APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE. - ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER. - DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8kPa), MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING. - FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL: - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES. - LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE MISTED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING. - APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.	STANDARD SYMBOLS <table><tr><td>EARTH DIKE</td><td>A-2 / B-3</td></tr><tr><td>STRAW BALE DIKE</td><td>SBD</td></tr><tr><td>SILT FENCE</td><td>SF</td></tr><tr><td>TEMPORARY SWALE</td><td>A-2 / B-3</td></tr><tr><td>STABILIZED CONSTRUCTION ENTRANCE</td><td>SCS-2</td></tr><tr><td>GRADE STABILIZATION STRUCTURE</td><td>SSS-2 / PSD-12</td></tr><tr><td>PIPE SLOPE DRAIN</td><td>PSD-12</td></tr><tr><td>PERIMETER DIKE/SWALE</td><td>PD/S-1</td></tr><tr><td>CURB INLET PROTECTION</td><td>CIP</td></tr><tr><td>DIVERSION</td><td></td></tr><tr><td>GRASSED WATERWAY</td><td></td></tr><tr><td>LINED WATERWAY</td><td></td></tr><tr><td>ROCK OUTLET PROTECTION</td><td>ROV</td></tr><tr><td>SUBSURFACE DRAIN</td><td></td></tr><tr><td>JERSEY BARRIER</td><td></td></tr><tr><td>TURBIDITY CURTAIN</td><td>TBC</td></tr></table>	EARTH DIKE	A-2 / B-3	STRAW BALE DIKE	SBD	SILT FENCE	SF	TEMPORARY SWALE	A-2 / B-3	STABILIZED CONSTRUCTION ENTRANCE	SCS-2	GRADE STABILIZATION STRUCTURE	SSS-2 / PSD-12	PIPE SLOPE DRAIN	PSD-12	PERIMETER DIKE/SWALE	PD/S-1	CURB INLET PROTECTION	CIP	DIVERSION		GRASSED WATERWAY		LINED WATERWAY		ROCK OUTLET PROTECTION	ROV	SUBSURFACE DRAIN		JERSEY BARRIER		TURBIDITY CURTAIN	TBC	
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SILT FENCE SILT FENCE DESIGN CRITERIA <table><tr><th>SLOPE STEEPNESS</th><th>(MAXIMUM) SLOPE LENGTH</th><th>(MAXIMUM) SILT FENCE LENGTH</th></tr><tr><td>FLATTER THAN 50:1</td><td>UNLIMITED</td><td>UNLIMITED</td></tr><tr><td>50:1 TO 10:1</td><td>125 FT.</td><td>1,000 FT.</td></tr><tr><td>10:1 TO 5:1</td><td>100 FT.</td><td>750 FT.</td></tr><tr><td>5:1 TO 3:1</td><td>60 FT.</td><td>500 FT.</td></tr><tr><td>3:1 TO 2:1</td><td>40 FT.</td><td>250 FT.</td></tr><tr><td>2:1 AND STEEPER</td><td>20 FT.</td><td>125 FT.</td></tr></table> NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED. CONSTRUCTION SPECIFICATIONS - FENCE POST SHALL BE A MINIMUM OF 36" LONG DRIVEN 18" MINIMUM INTO THE GROUND. WOOD POST SHALL BE 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POST WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT. - GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS F:<table><tr><td>TENSILE STRENGTH</td><td>50 LBS/LIN. (MIN.)</td><td>TEST: MSMT 509</td></tr><tr><td>TENSILE MODULUS</td><td>20 LBS/LIN. (MIN.)</td><td>TEST: MSMT 509</td></tr><tr><td>FLOW RATE</td><td>0.3 GAL. FT./MIN. (MAX)</td><td>TEST: MSMT 322</td></tr><tr><td>FILTERING EFFICIENCY</td><td>75% (MIN.)</td><td>TEST: MSMT 322</td></tr></table> - WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS. - SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FABRIC HEIGHT.	SLOPE STEEPNESS	(MAXIMUM) SLOPE LENGTH	(MAXIMUM) SILT FENCE LENGTH	FLATTER THAN 50:1	UNLIMITED	UNLIMITED	50:1 TO 10:1	125 FT.	1,000 FT.	10:1 TO 5:1	100 FT.	750 FT.	5:1 TO 3:1	60 FT.	500 FT.	3:1 TO 2:1	40 FT.	250 FT.	2:1 AND STEEPER	20 FT.	125 FT.	TENSILE STRENGTH	50 LBS/LIN. (MIN.)	TEST: MSMT 509	TENSILE MODULUS	20 LBS/LIN. (MIN.)	TEST: MSMT 509	FLOW RATE	0.3 GAL. FT./MIN. (MAX)	TEST: MSMT 322	FILTERING EFFICIENCY	75% (MIN.)	TEST: MSMT 322	SILT FENCE DETAIL  10' MAXIMUM CENTER 36" MIN. LENGTH FENCE POST, DRIVEN A MIN. OF 18" (456 MM) INTO GROUND. 18" MIN. HEIGHT OF GEOTEXTILE CLASS F 8" MIN. DEPTH IN GROUND WOVEN WIRE FENCE PERSPECTIVE VIEW 36" MIN. FENCE POST LENGTH FILTER CLOTH FENCE POST SECTION MIN. 20" GROUND UNDISTURBED GROUND EMBED GEOTEXTILE CLASS F A MIN. OF 8" VERTICALLY INTO THE GROUND FENCE POST DRIVEN A MIN. OF 18" INTO THE GROUND CROSS SECTION STANDARD SYMBOL SF TOP VIEW POST SECTION A SECTION B JOINING TWO ADJACENT SILT FENCE SECTIONS	SCE CONSTRUCTION SPECIFICATION - LENGTH - MIN. OF 50' RAMP X 30' RAMP FOR SINGLE RESIDENCE LOT. - WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS. - GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. - STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT SHALL BE PLACED AT LEAST 3" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE. - SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MOUNTABLE BERM WITH 5:1 SLOPES AND MIN. OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SIZED ACCORDING TO THE DRAINAGE. WHEN THE SCE IS LOCATED AT A HIGH SPOT AND HAS NO DRAINAGE TO CONVEY, A PIPE WILL NOT BE NECESSARY. PIPE SHOULD BE SIZED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MIN. WILL BE REQUIRED. - LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTERS OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL ON THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE. - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY WHEN WASHING IS REQUIRED. IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE WHICH DRAINS INTO A APPROVED SEDIMENT TRAPPING DEVICE. - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.	STABILIZED CONSTRUCTION ENTRANCE DETAIL  50' MIN. 10' MIN. WIDTH 6" MIN. AGGREGATE OVER LENGTH AND WIDTH OF STRUCTURE EXIST. PAVEMENT EARTH FILL PIPE AS NECESSARY PROFILE PLAN VIEW STANDARD SYMBOL SCS	DETAIL 1 - EARTH DIKE  2:1 SLOPE OR FLATTER GRADE LINE CUT OR FILL SLOPE CROSS SECTION POSITIVE DRAINAGE SUFFICIENT TO DRAIN DIKE A DIKE B a-DIKE HEIGHT 18" b-DIKE WIDTH 24" c-FLOW WIDTH 4" d-FLOW DEPTH 12" PLAN VIEW FLOW CHANNEL STABILIZATION GRADE 0.5% MIN. 10% MAX. STANDARD SYMBOL A-2 / B-3 1. Seed and cover with straw mulch. 2. Seed and cover with Erosion Control Matting or line with sod. 3. 4" x 7" stone or recycled concrete equivalent pressed into the soil 7" minimum. Construction Specifications - All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%. - Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device. - Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity. - All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike. - The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow. - Fill shall be compacted by earth moving equipment. - All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike. - Inspection and maintenance must be provided periodically and after each rain event.
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CURB INLET PROTECTION (COG OR COS INLETS)  3/4" x 1 1/2" STONE 6" MAX. SPACING OF 2"x4" SPACERS 2"x4" ANCHORS FILTER CLOTH WIRE MESH 2"x4" WEIR 2"x4" SPACER MAX. DRAINAGE AREA = 1/4 ACRE 2" MINIMUM LENGTH 2"x4" WEIR SANDBAG OR ALTERNATE WEIGHT 3/4" x 1 1/2" STONE FILTER CLOTH WIRE MESH TO STORM DRAIN 2"x4" SPACER STANDARD SYMBOL CIP	CURB INLET PROTECTION NOTES CONSTRUCTION SPECIFICATIONS - ATTACH A CONTINUOUS PIECE OF WIRE MESH 30" MIN. WIDTH BY THROAT LENGTH PLUS 4" TO THE 2"x4" WEIR (MEASURING THROAT LENGTH) PLUS 2" AS SHOWN ON THE STANDARD DRAWING - PLACE A CONTINUOUS PIECE OF GEOTEXTILE CLASS E THE SAME DIMENSIONS AS THE WIRE MESH OVER THE WIRE MESH AND SECURELY ATTACH IT TO THE 2"x4" WEIR. - SECURELY NAIL THE 2"x4" WEIR TO A 6" LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE INLET FACE (MAX. 4" APART). - PLACE THE ASSEMBLY AGAINST THE INLET THROAT AND NAIL (MIN. 2" LENGTHS OF 2"x4" TO THE TOP OF THE WEIR AT SPACER LOCATIONS). THE 2"x4" ANCHORS SHALL EXTEND ACROSS THE INLET TOP AND BE HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHT. - THE ASSEMBLY SHALL BE PLACED SO THAT THE END SPACERS ARE A MIN. 1' (0.31 m) BEYOND BOTH ENDS OF THE THROAT OPENING. - FORM THE 1/2"x1/2" WIRE MESH AND THE GEOTEXTILE FABRIC TO THE CONCRETE GUTTER AND AGAINST THE FACE OF THE CURB ON BOTH SIDES OF THE INLET. PLACE CLEAN 3/4"x1/2" STONE OVER THE WIRE MESH AND GEOTEXTILE IN SUCH A MANNER TO PREVENT WATER FROM ENTERING THE INLET UNDER OR AROUND THE GEOTEXTILE. - THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT. - ASSURE THAT STORM FLOW DOES NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT FLOW TO THE INLET.	DETAIL 23B - AT GRADE INLET PROTECTION  3/4" x 1 1/2" STONE 6" MAX. SPACING OF 2"x4" SPACERS 2"x4" ANCHORS FILTER CLOTH WIRE MESH 2"x4" WEIR 2"x4" SPACER MAX. DRAINAGE AREA = 1/4 ACRE 2" MINIMUM LENGTH 2"x4" WEIR SANDBAG OR ALTERNATE WEIGHT 3/4" x 1 1/2" STONE FILTER CLOTH WIRE MESH TO STORM DRAIN 2"x4" SPACER STANDARD SYMBOL AGIP	VEHICLE WASH DETAIL  STABILIZED CONSTRUCTION ENTRANCE VEHICLE WASH AREA DENUDED EARTH STANDARD SYMBOL AGIP	BRICKBAT GROUND COVER  2" TO 4" DEPTH PRIOR TO COMPACTION OF BRICKBATS DENUDED EARTH STANDARD SYMBOL AGIP																																	

DDOE SEDIMENT CONTROL DETAILS



AVENUE DESIGN

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WASHINGTON, DC
20003
Tel: 202.744.7825

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PROJECT
NEW GARAGE

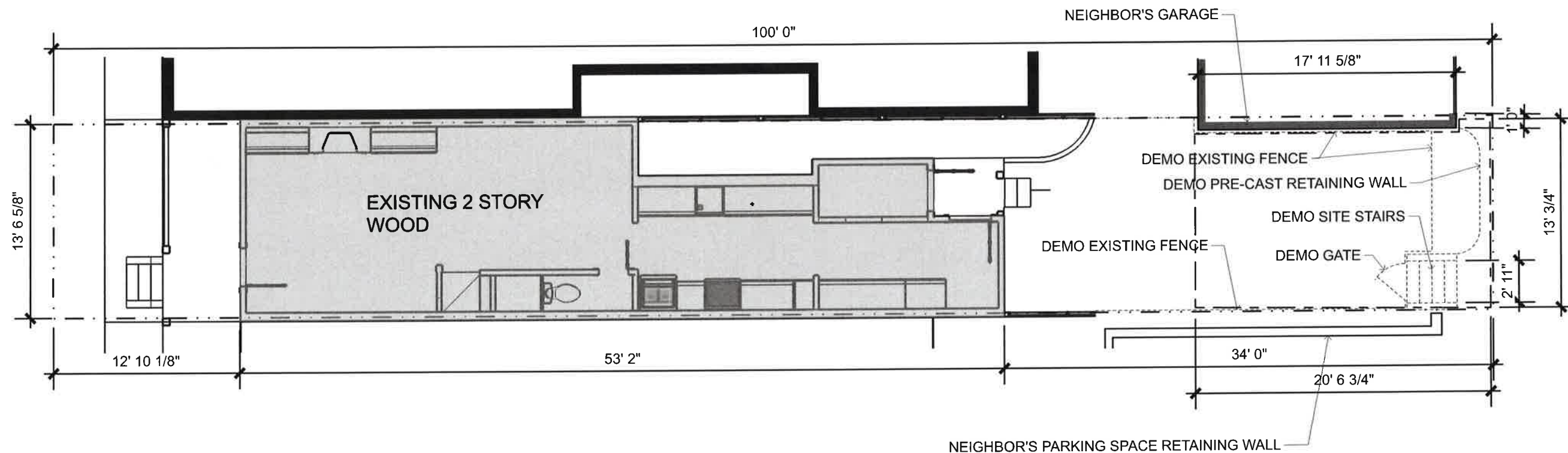
PROJECT NO.
11-034

ISSUE
23 SEPT 2014
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EP

SITE PLAN

CS2



1 SITE DEMO PLAN

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

- PROPERTY LINE
- EXISTING SITE ELEMENT TO BE DEMO'D
- AREA OF DISTURBANCE AND LINE OF EROSION CONTROL SILT FENCE

Historic Preservation Clearance for Exterior Work. Scope of approved exterior work is restricted only to drawings with this stamp.

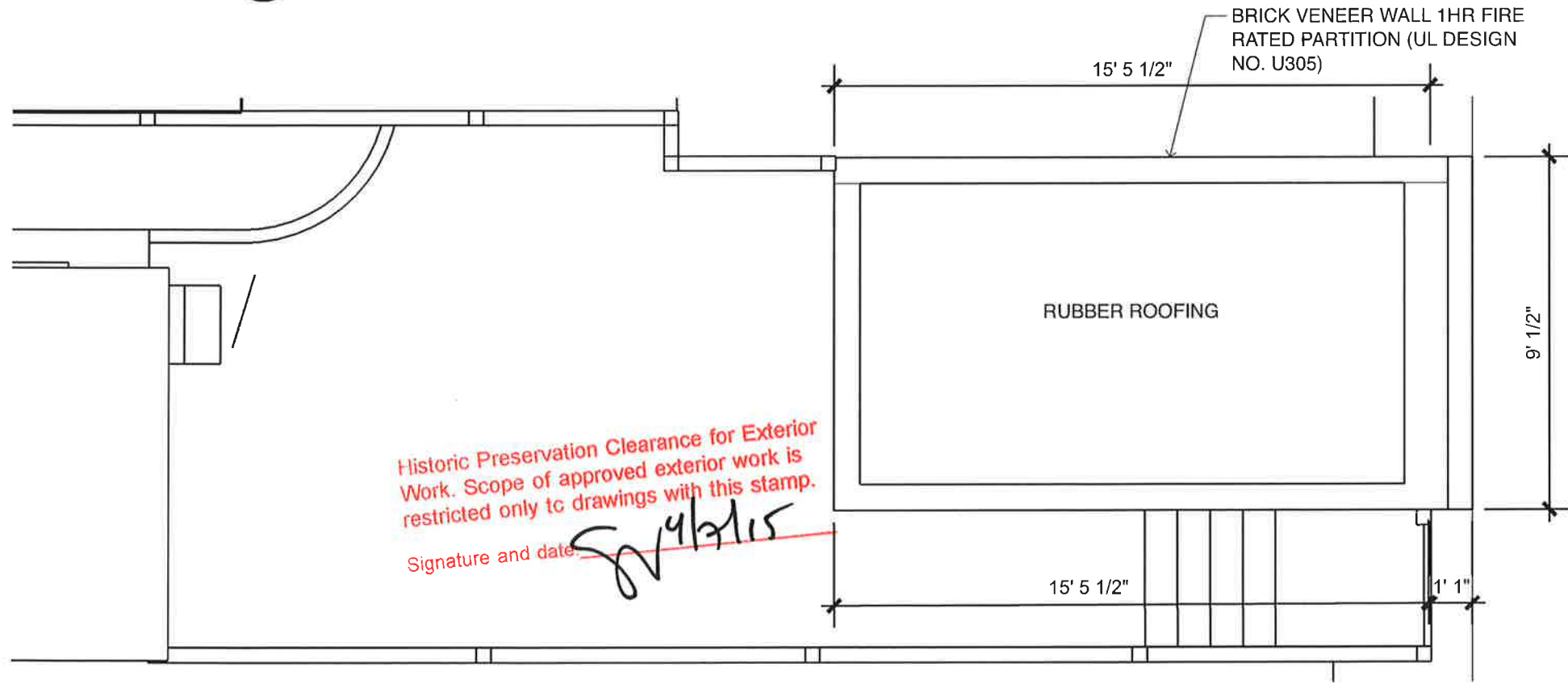
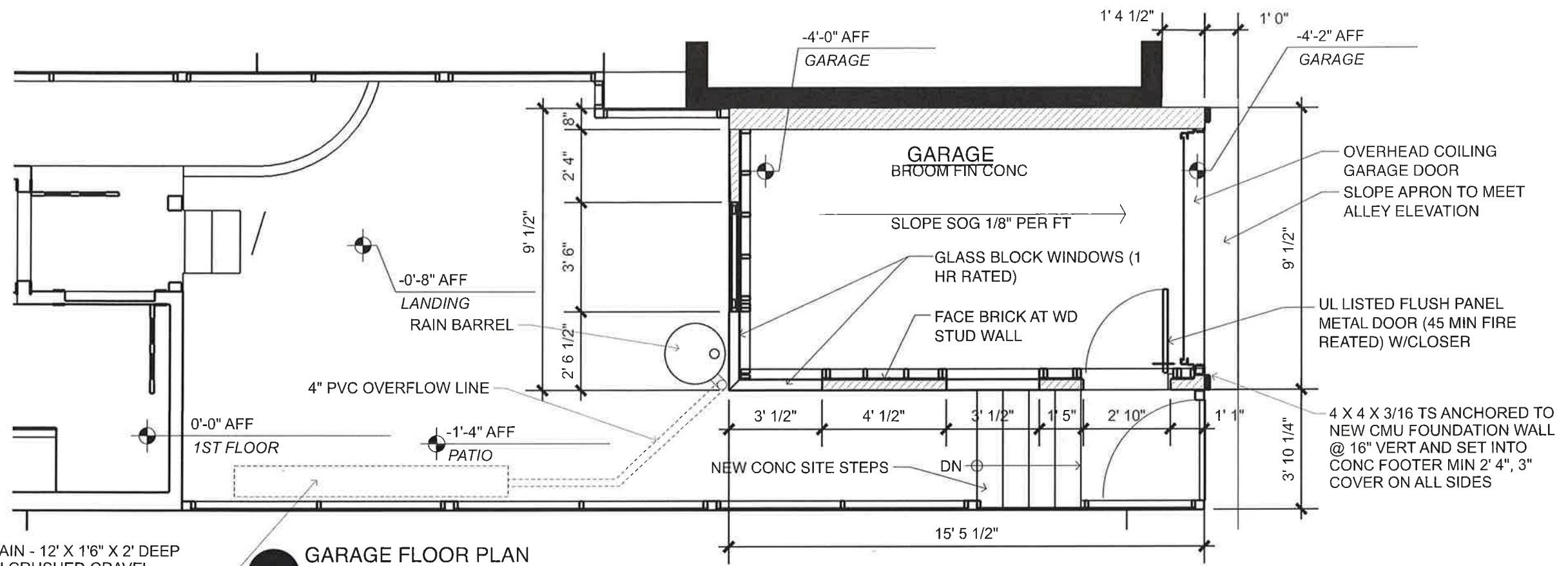
Signature and date

[Signature] 8/4/15



FRENCH DRAIN - 12' X 1'6" X 2' DEEP
FILLED WITH CRUSHED GRAVEL
AND WRAPED WITH FILTER FABRIC

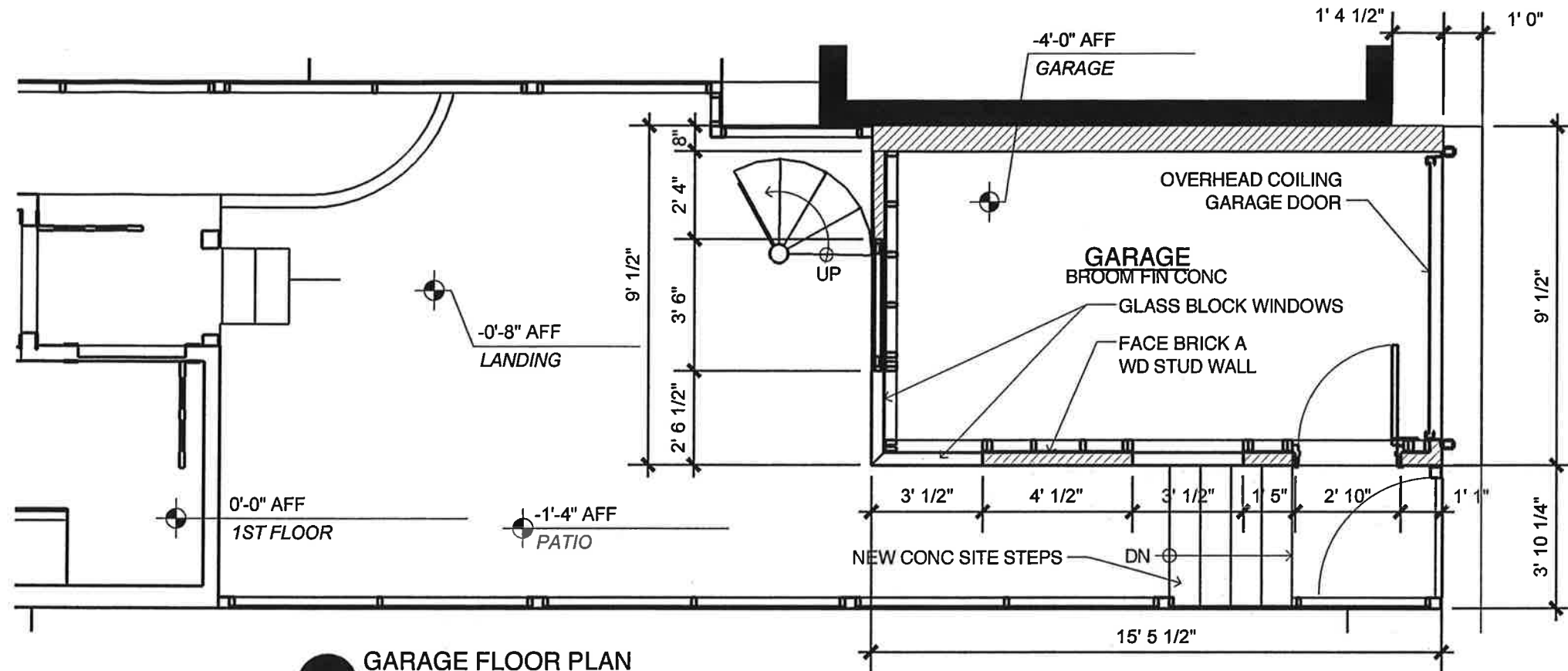
1 GARAGE FLOOR PLAN
Scale: 1/4" = 1'-0"



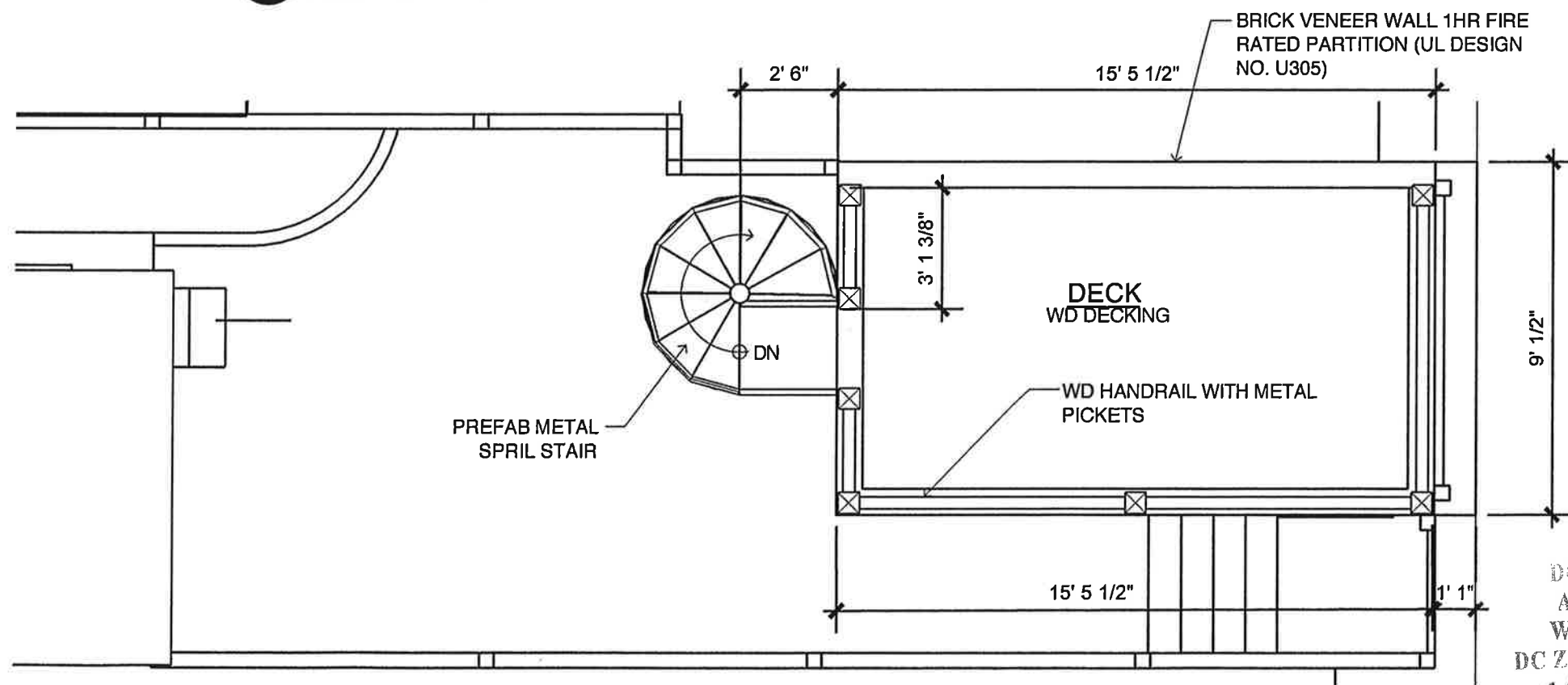
2 GARAGE ROOF DECK PLAN
Scale: 1/4" = 1'-0"

Historic Preservation Clearance for Exterior
Work. Scope of approved exterior work is
restricted only to drawings with this stamp.
Signature and date: *[Signature]* 9/13/15





1 GARAGE FLOOR PLAN
Scale: 1/4" = 1'-0"



2 GARAGE ROOF DECK PLAN
Scale: 1/4" = 1'-0"

DCRA/OFFICE OF THE ZONING
ADMINISTRATION/COMPLIES
WITH THE REQUIREMENTS OF
DC ZONING DEPT.

1/7/18
BZA ORDER #18



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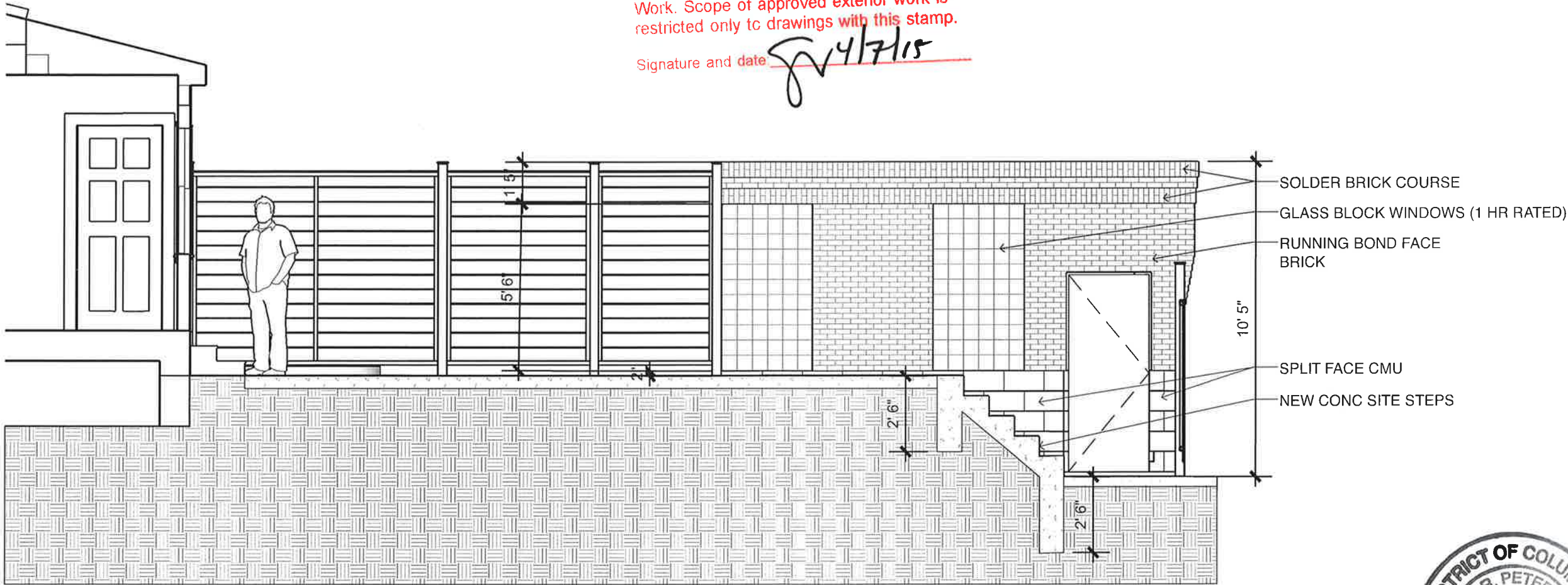
CLIENT
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PROJECT
NEW GARAGE
PROJECT NO.
11-034

ISSUE
23 SEPT 2014
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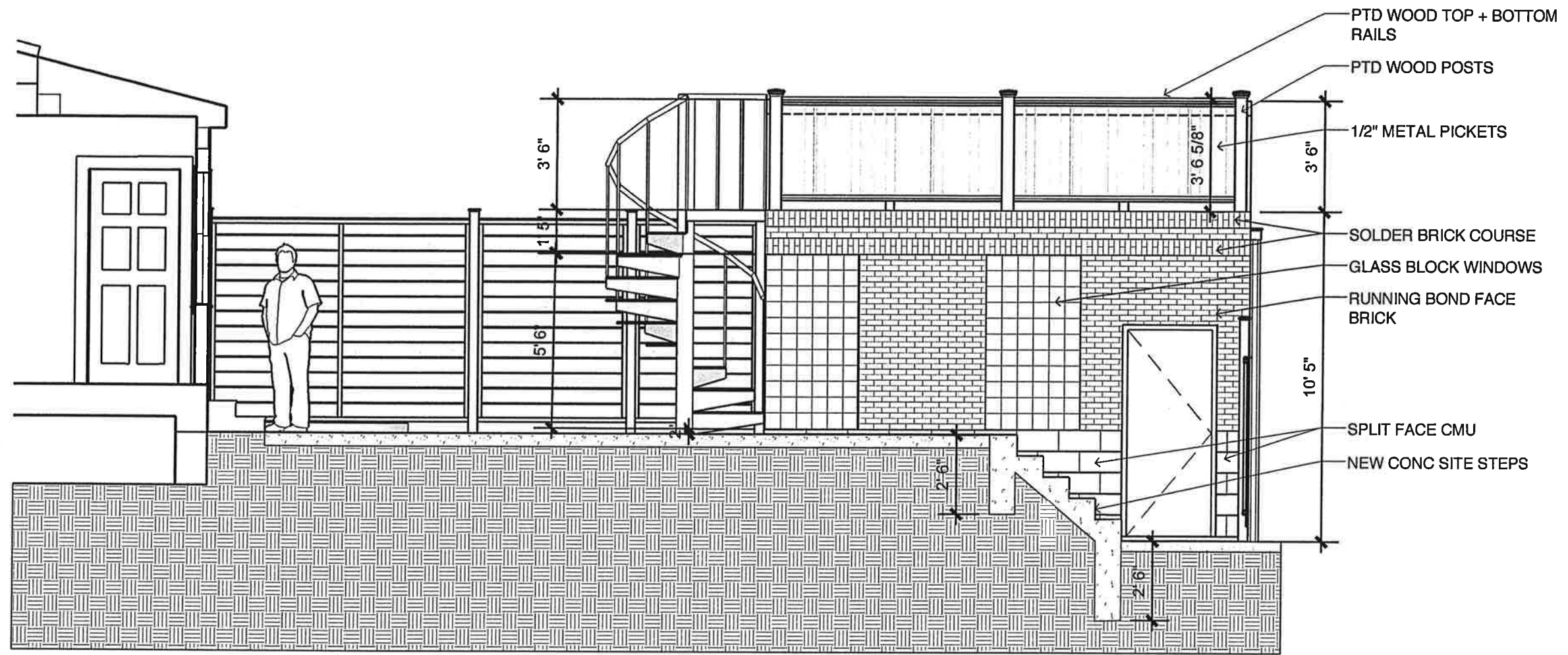
PLANS

Historic Preservation Clearance for Exterior
Work. Scope of approved exterior work is
restricted only to drawings with this stamp.
Signature and date SV 4/7/15



1 EAST ELEVATION
Scale: 1/4" = 1'-0"





1 EAST ELEVATION

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

DCRA/OFFICE OF THE ZONING
ADMINISTRATION/COMPLIES
WITH THE REQUIREMENTS OF
DC ZONING REGULATIONS (11 DCMR)
11/7/15
(BZA ORDER #18514)





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PROJECT
NEW GARAGE
PROJECT NO.
11-034

ISSUE
23 SEPT 2014
PERMIT SET

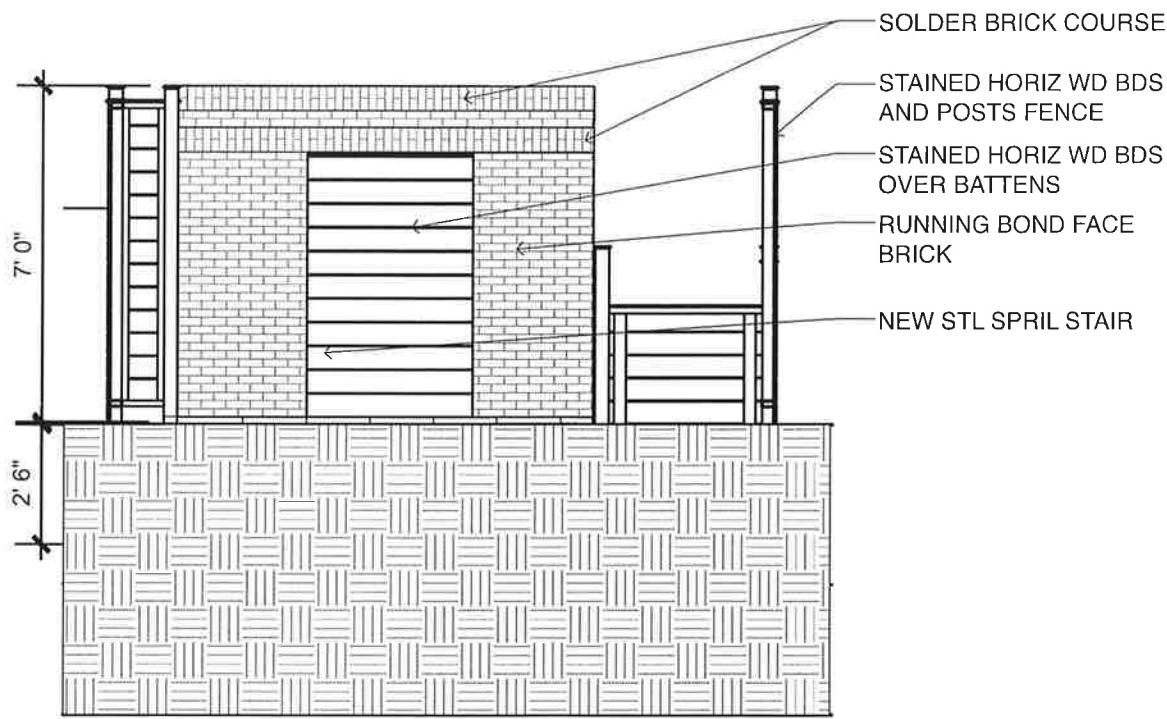
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GARAGE
ELEVATIONS

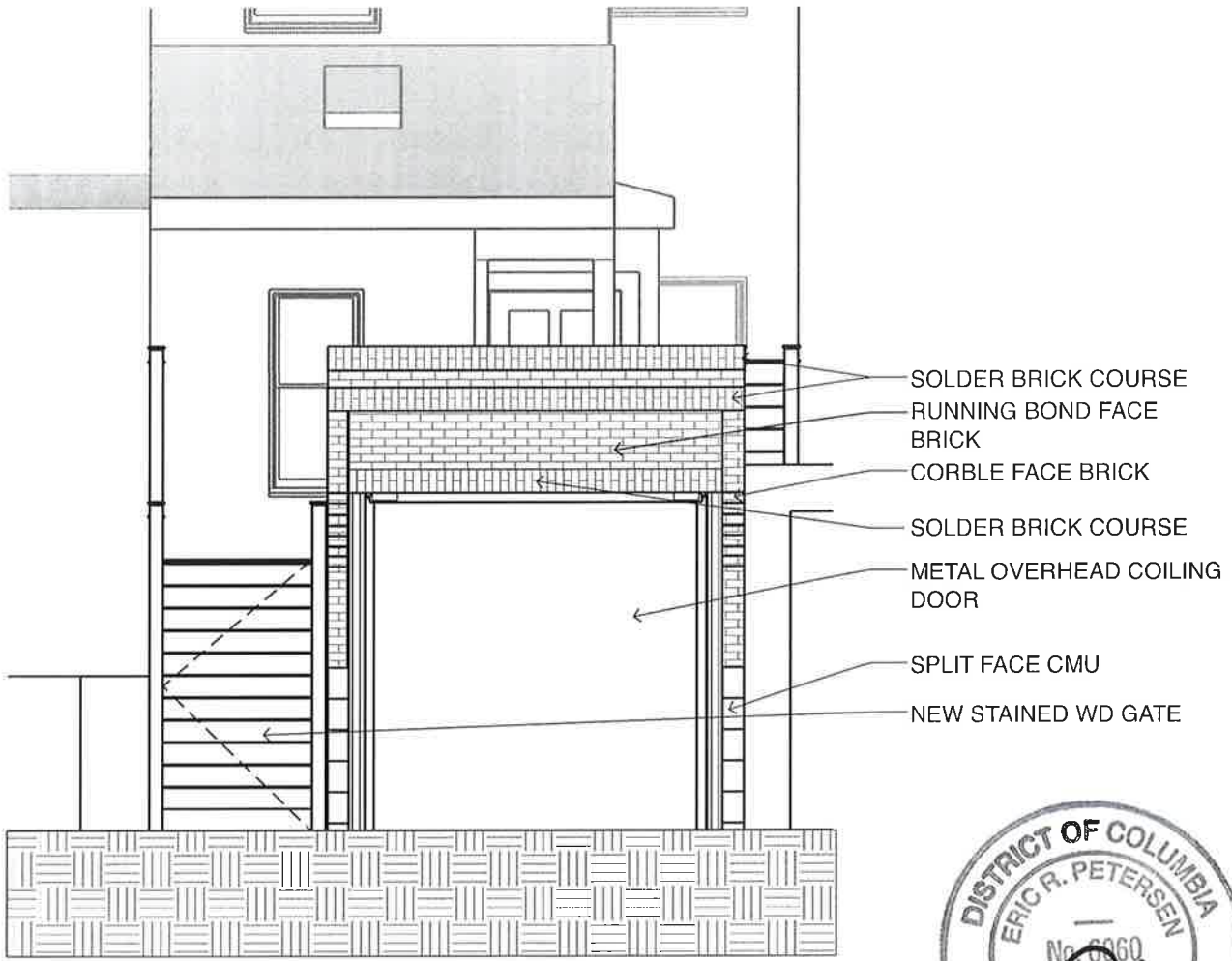
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Historic Preservation Clearance for Exterior
Work. Scope of approved exterior work is
restricted only to drawings with this stamp.

Signature and date: SV 4/7/15

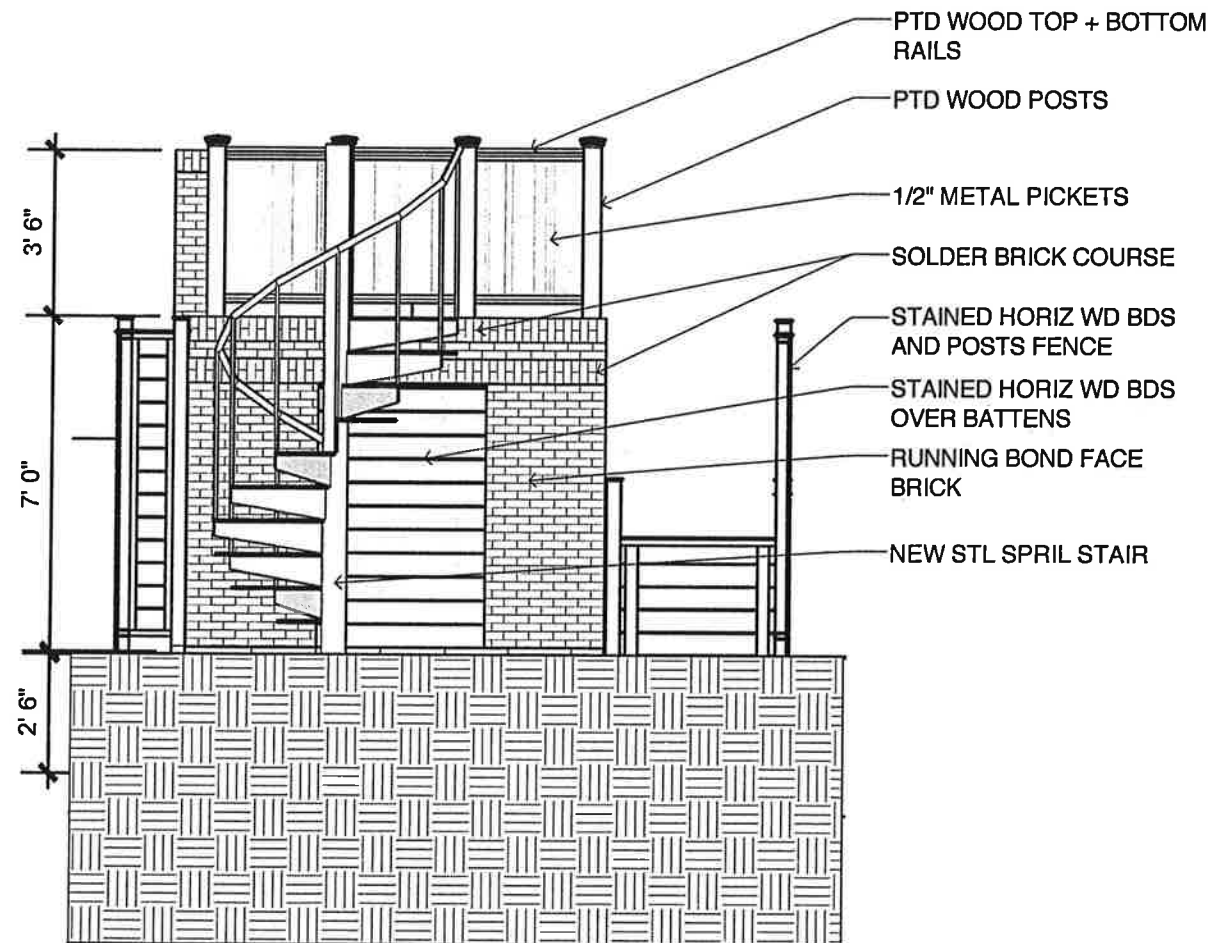


1 SOUTH ELEVATION
Scale: 1/4" = 1'-0"

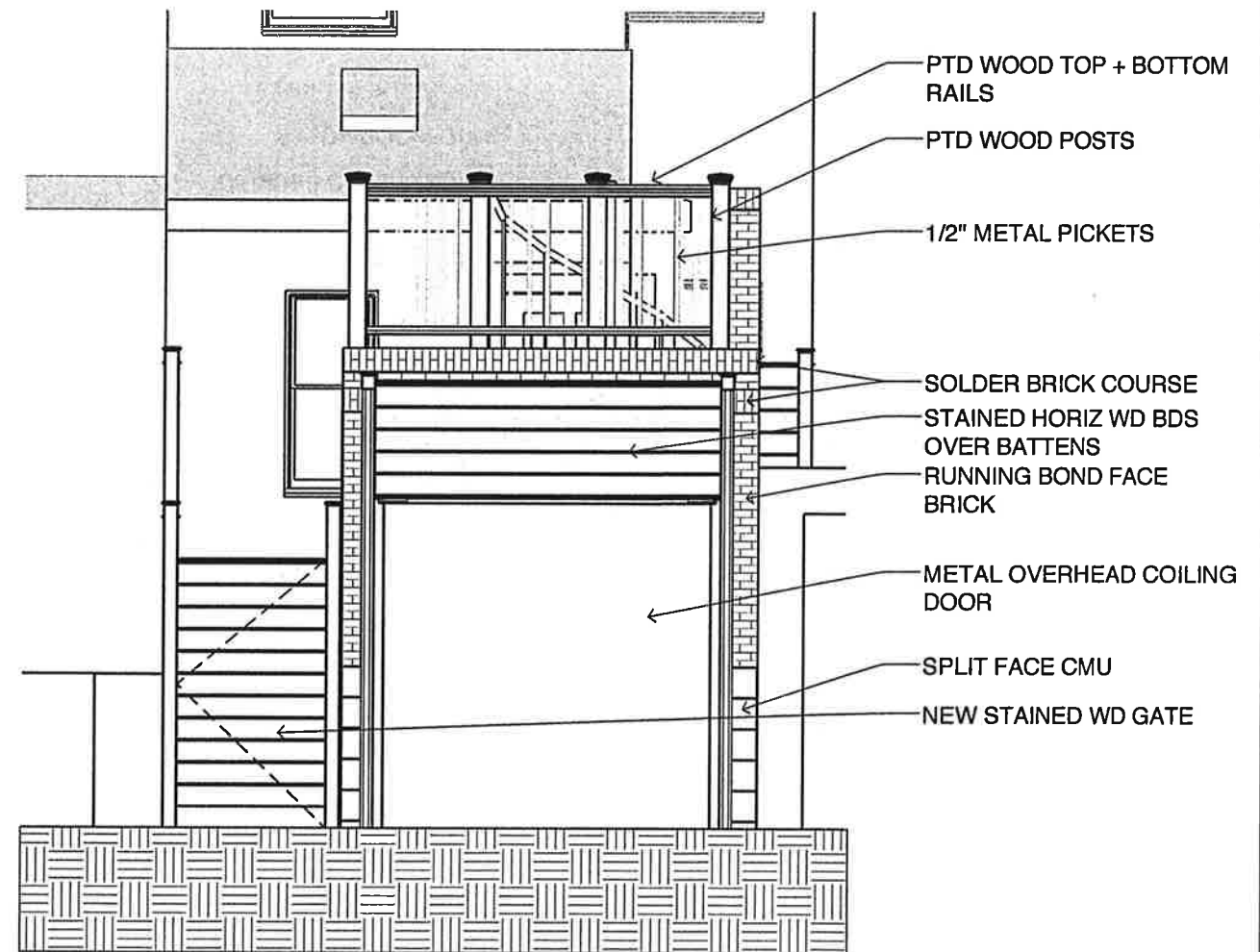


1 NORTH ELEVATION
Scale: 1/4" = 1'-0"





1 SOUTH ELEVATION
Scale: 1/4" = 1'-0"

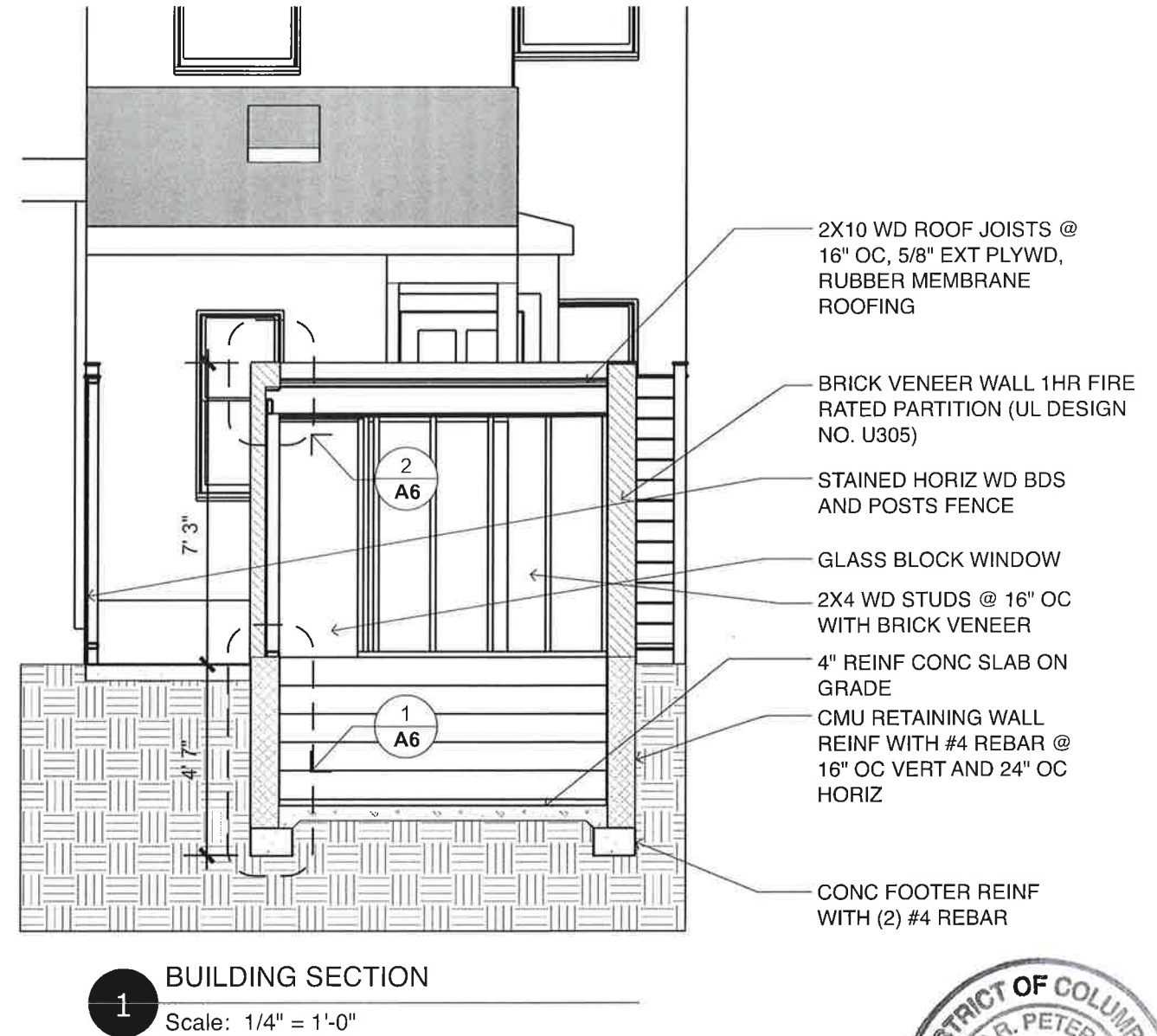
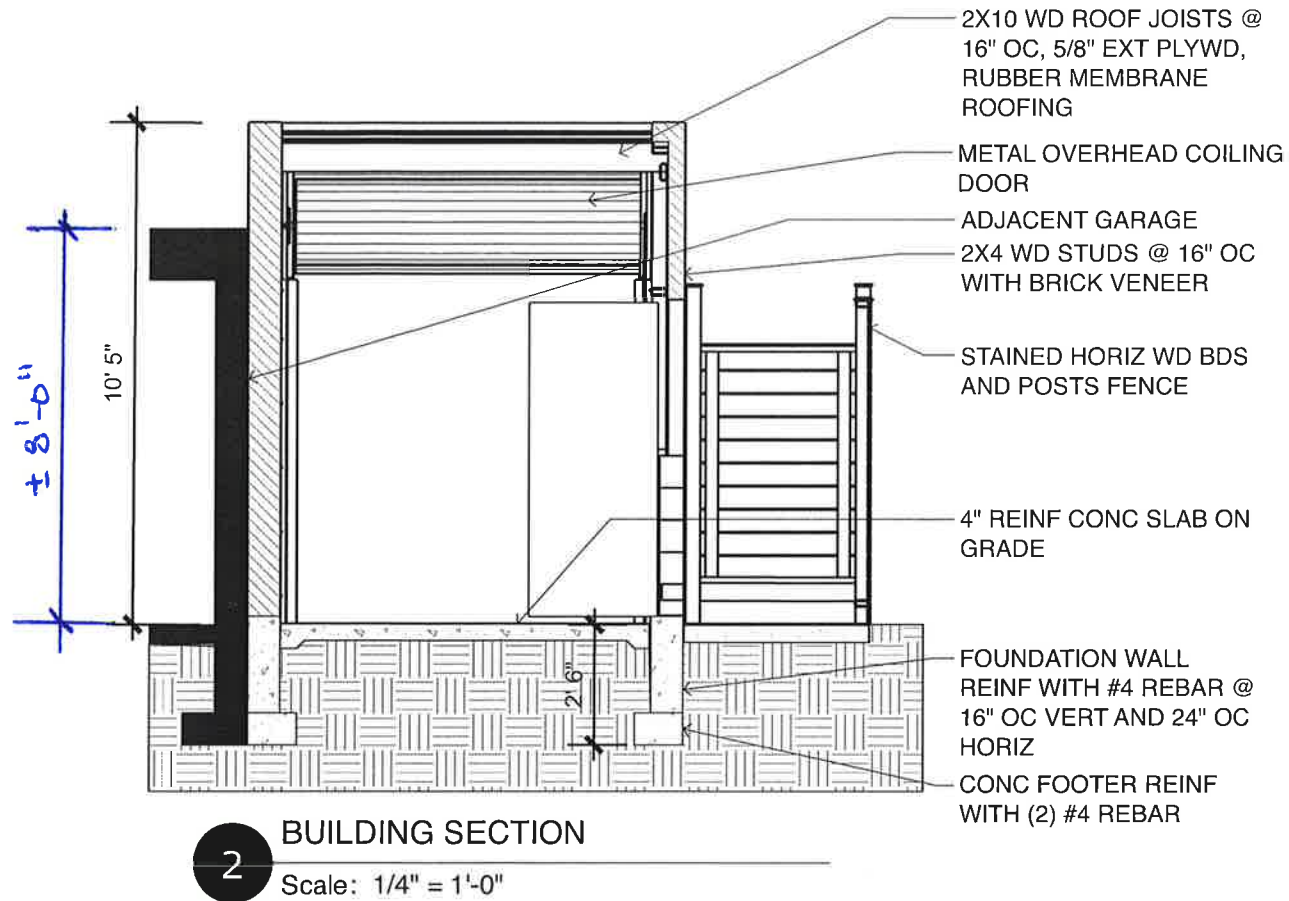


1 NORTH ELEVATION
Scale: 1/4" = 1'-0"

DCRA/OFFICE OF THE ZONING
ADMINISTRATION/COMPLIES
WITH THE REQUIREMENTS OF
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1/7/15
(RZA ORDER #18514)

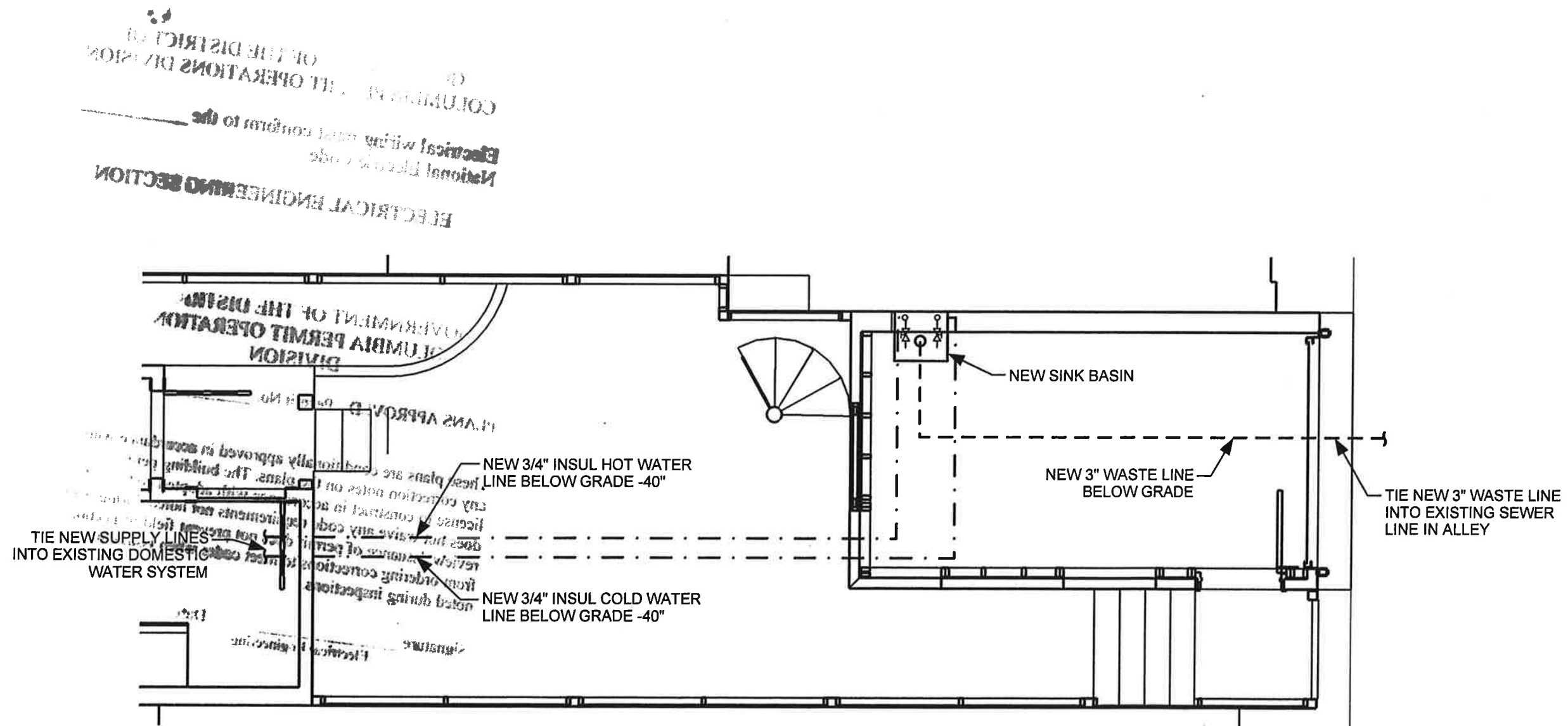


Schaub
Garage
←



Historic Preservation Clearance for Exterior Work. Scope of approved exterior work is restricted only to drawings with this stamp.

Signature and date: 8/17/15



1 PARTIAL GARAGE MECHANICAL PLAN
Scale: 1/4" = 1'-0"

MECHANICAL PLAN AND RISER DIAGRAM

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23 SEPT 2014
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PROJECT
NEW GARAGE
PROJECT NO.
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