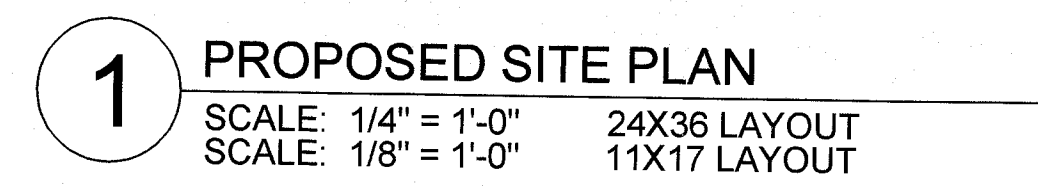




CONSULTANT:



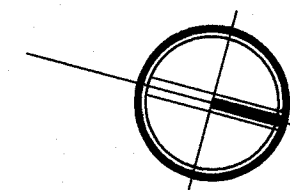
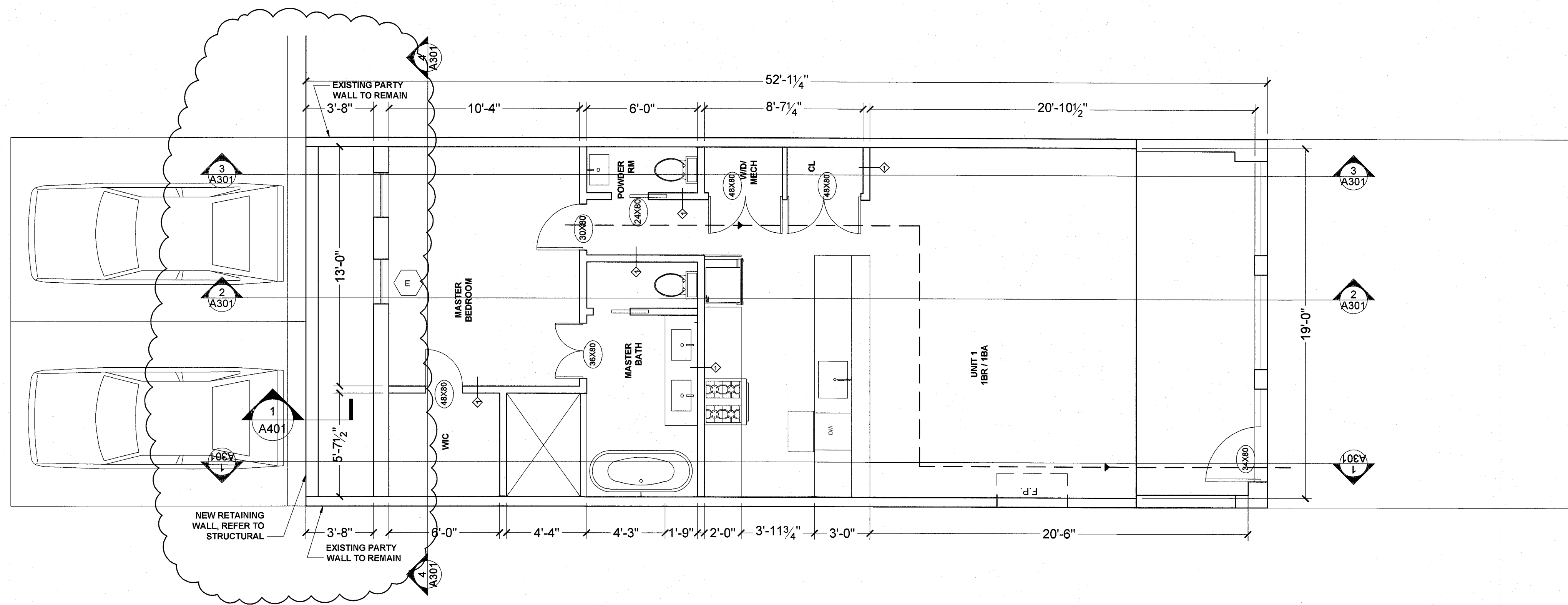
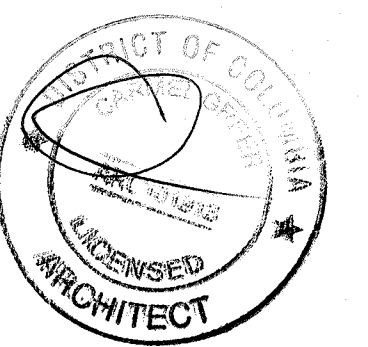
RETAINING WALL REVISION:
JUNE 4, 2015

SHEET:

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

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

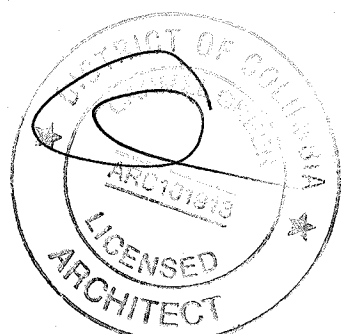
6.23.15



1 PROPOSED CELLAR PLAN
SCALE: 1/4" = 1'-0" 24X36 LAYOUT
SCALE: 1/8" = 1'-0" 11X17 LAYOUT

DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
STRUCTURAL WORK IN GENERAL
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
SITRA ISRAHIM
6-23-15

CONSULTANT:



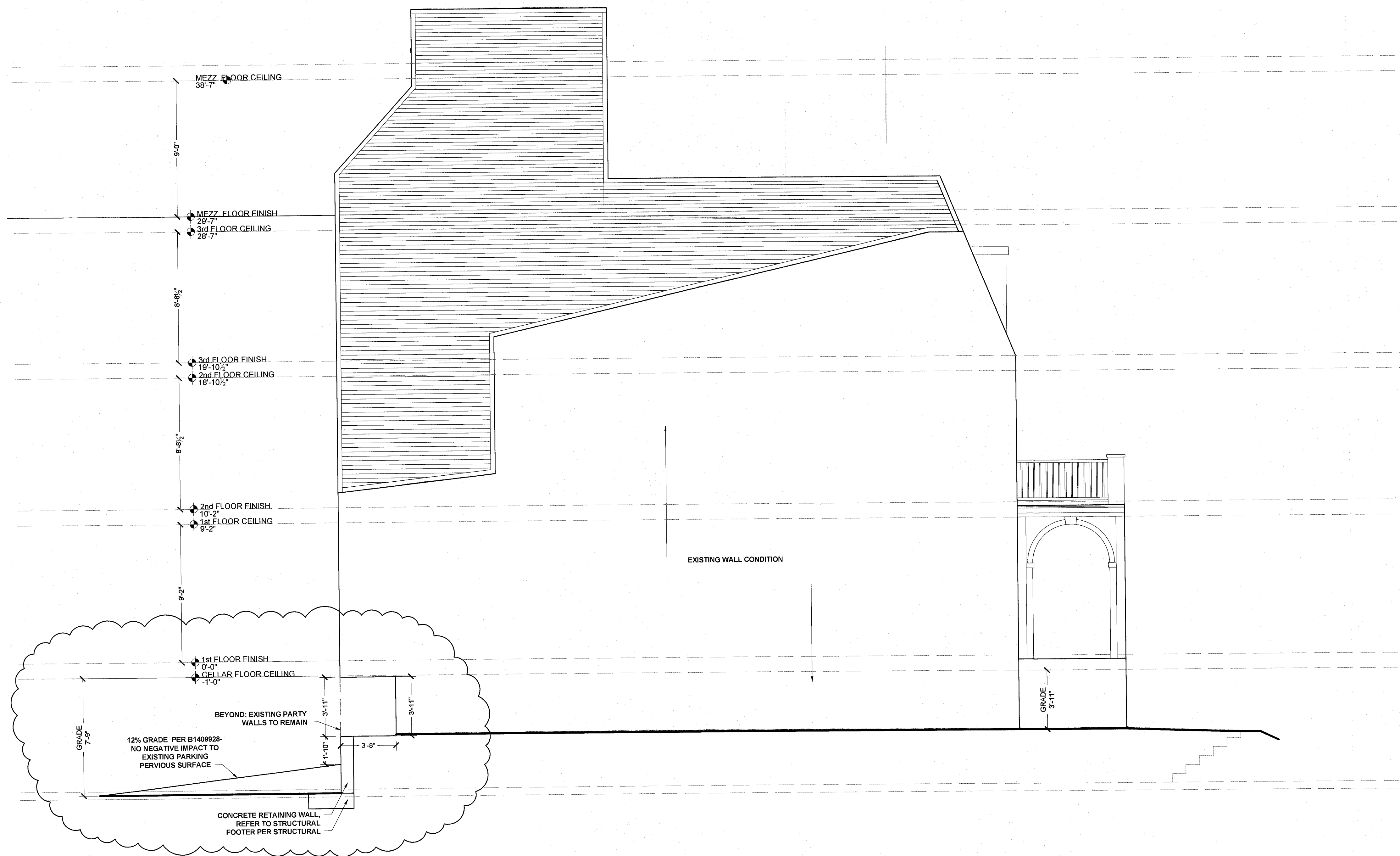
REVISION:
JUNE 24, 2014
DECEMBER 15, 2014
DECEMBER 17, 2014

FAR CHECK:
APRIL 9, 2015

RETAINING WALL REVISION:
JUNE 4, 2015

SHEET:

A0201



1 EAST ELEVATION

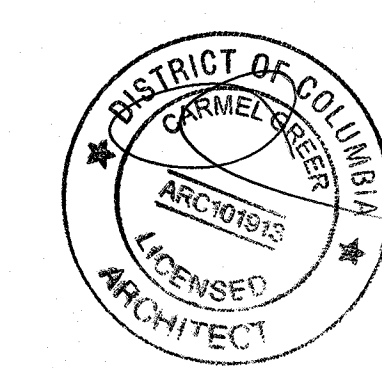
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SCALE: 1/8" = 1'-0" 11X17 LAYOUT

DCRA/OFFICE OF THE ZONING
ADMINISTRATOR/COMPLIES
WITH REQUIREMENTS OF
DC ZONING REGULATIONS (DDCMR)

DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
STRUCTURAL WORK IN GENERAL
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
SITHA IBRAHIM
Structural Eng. Section
Date 6-23-15

PROJECT:
1636 ARGONNE PLACE, NW
WASHINGTON, DC 20009
SQ: 2589 LOT: 0460

CONSULTANT:



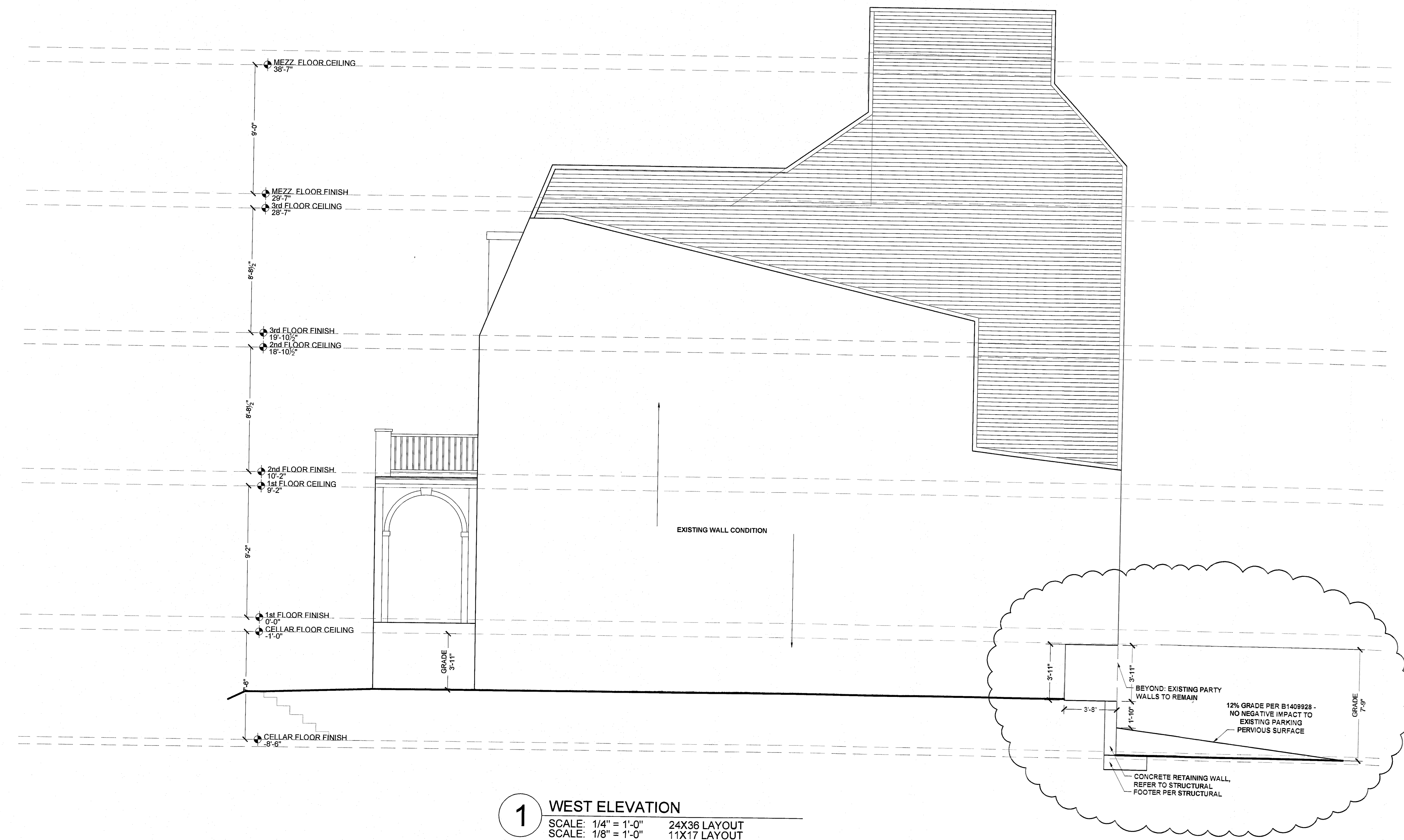
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JUNE 24, 2014
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FAR CHECK:
APRIL 9, 2015

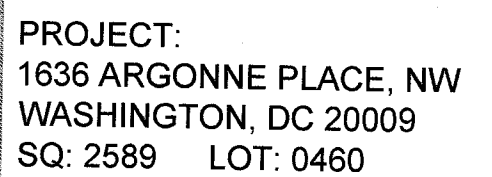
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JUNE 4, 2015

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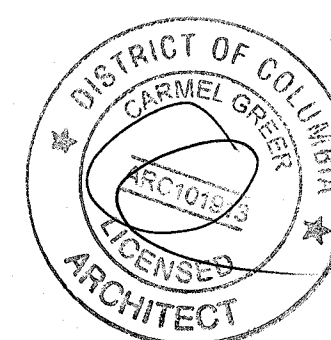
A0202



DISTRICT OF COLUMBIA
DEPARTMENT OF PUBLIC WORKS
STRUCTURAL DIVISION
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
SITRA IBRAHIM
Structural Engr. Seal
Date 6.23.15



CONSULTANT:



REVISION:
JUNE 24, 2014
DECEMBER 15, 2014
DECEMBER 17, 2014

FAR CHECK:
APRIL 9, 2015

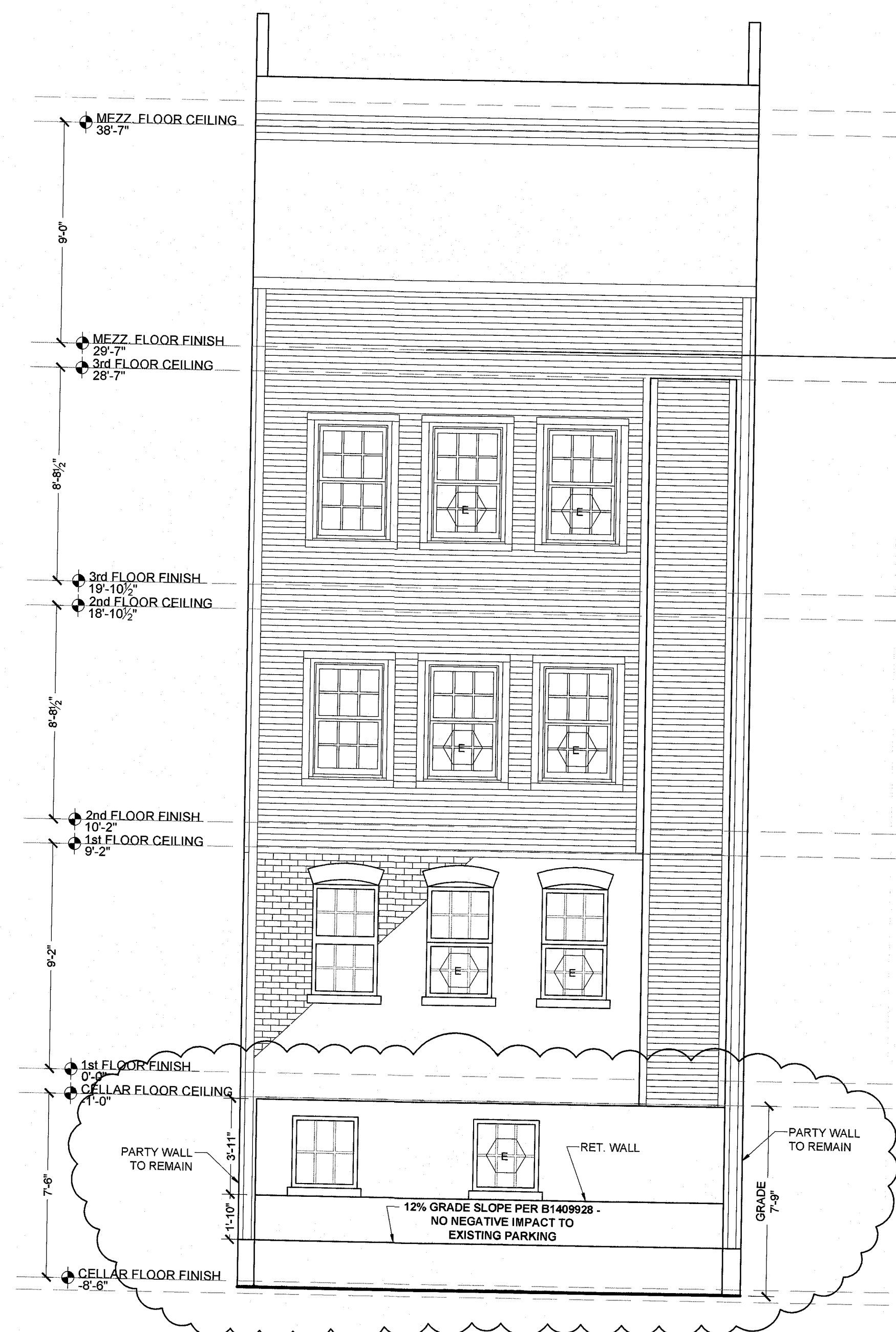
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JUNE 4, 2015

SHEET:

A0203

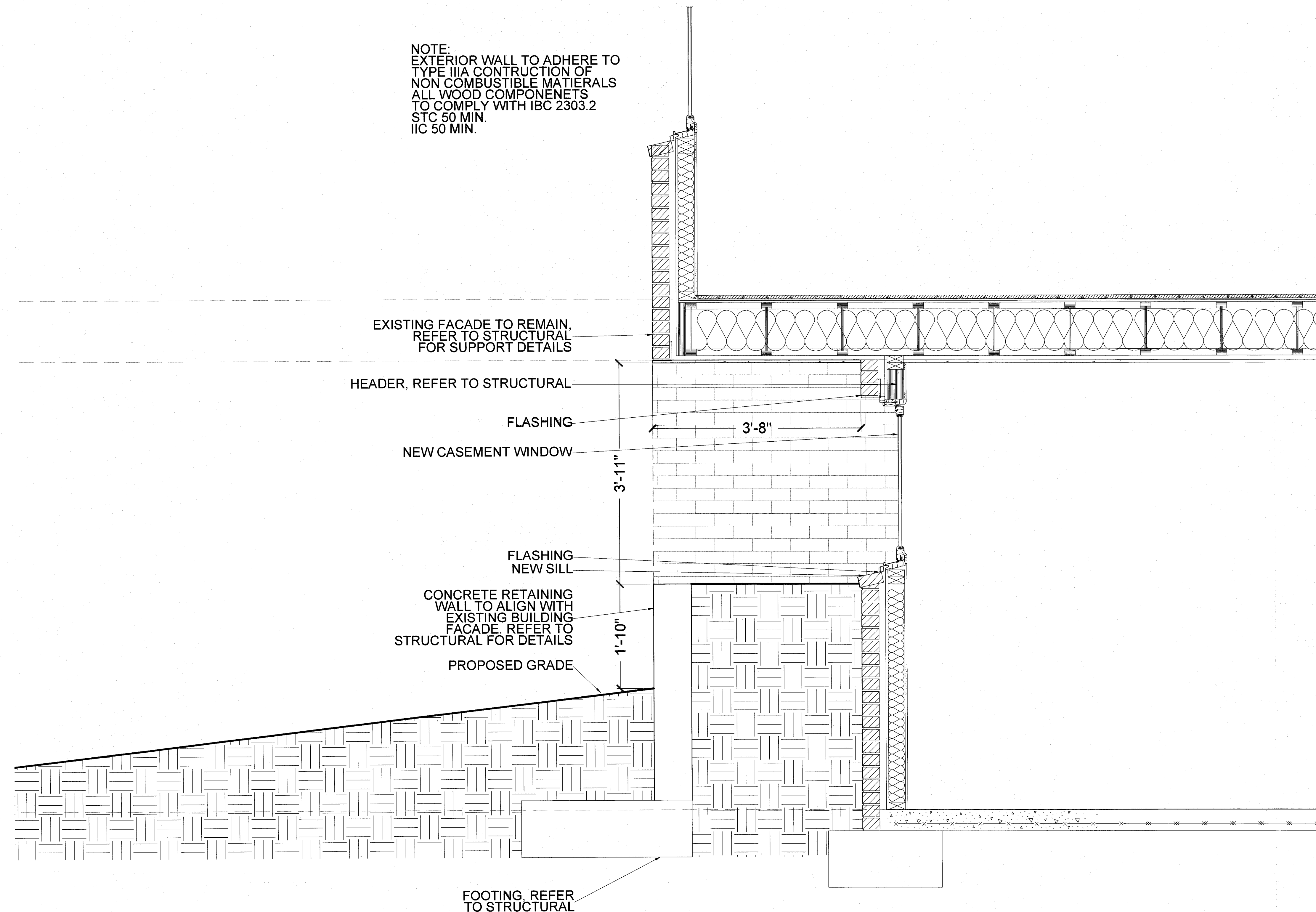
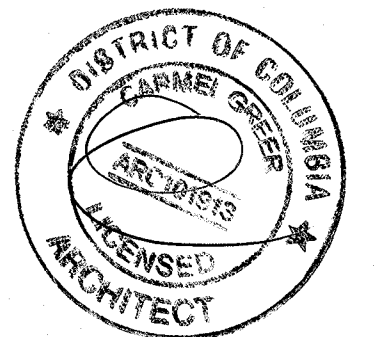


1 NORTH ELEVATION - NO CHANGE
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SCALE: 1/8" = 1'-0" 11X17 LAYOUT

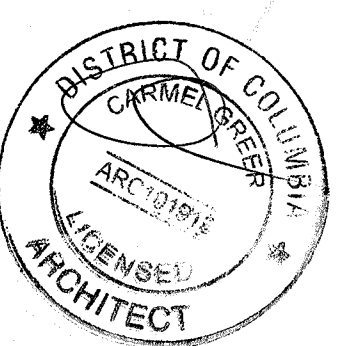


2 SOUTH ELEVATION

DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
STRUCTURAL WORK IN GENERAL
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
SITRA IBRAHIM
Structural Engr. Section



1 **PROPOSED RETAINING WALL SECTION**
SCALE: 1" = 1'-0" 24X36 LAYOUT
SCALE: 1/2" = 1'-0" 11X17 LAYOUT



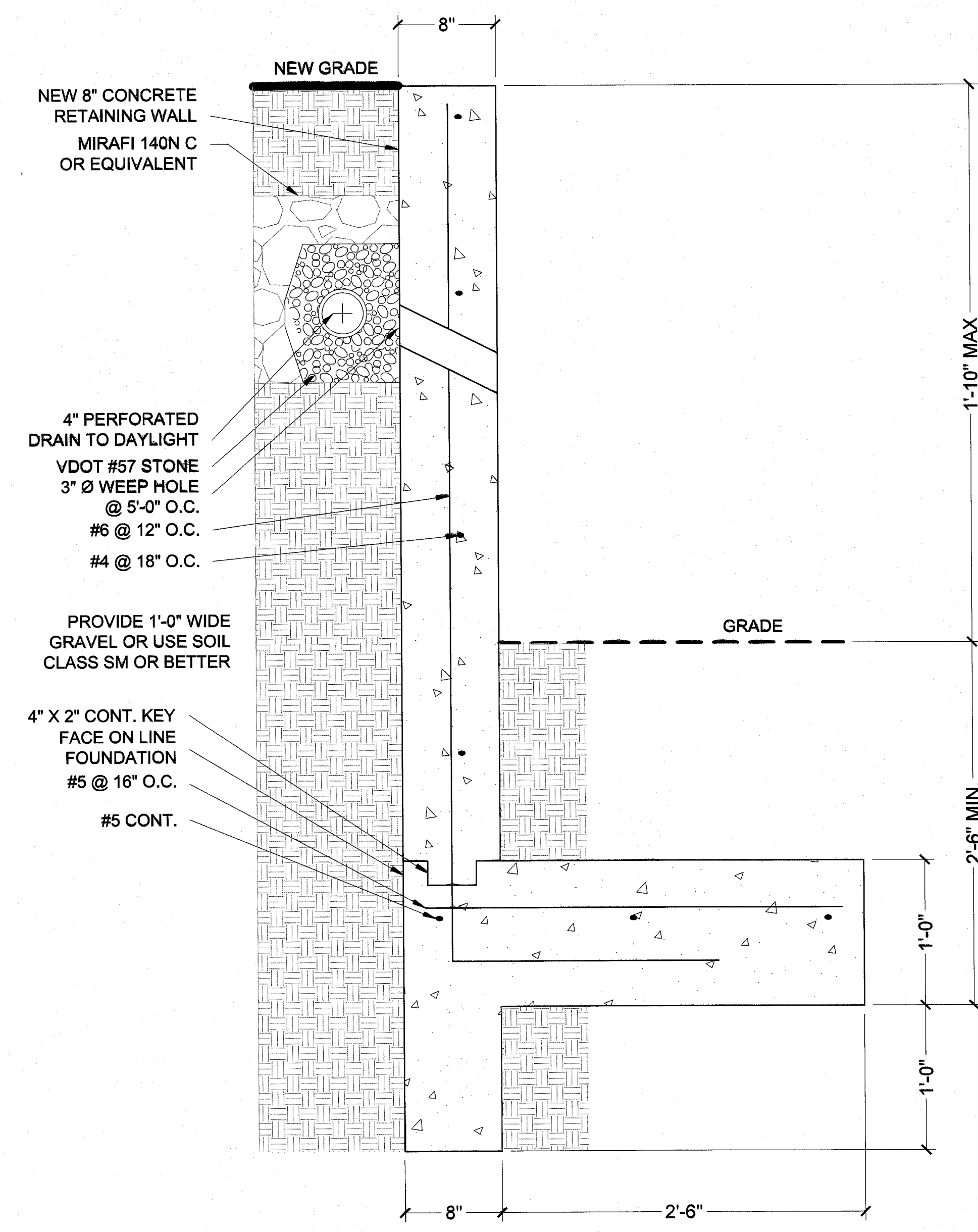
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JUNE 24, 2014
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DECEMBER 17, 2014

FAR CHECK:
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RETAINING WALL REVISION:
JUNE 4, 2015

SHEET:

A0501



1 TYPICAL RETAINING WALL DETAIL
SCALE: 1 1/2" = 1'-0" 24X36 LAYOUT
SCALE: 3/4" = 1'-0" 11X17 LAYOUT

DISTRICT OF COLUMBIA
PERMIT OPERATIONS DIVISION
STRUCTURAL WORK IN GENERAL
APPROVED SUBJECT TO THE
FURTHER APPROVAL OF CONSTRUCTION
SITRA IBRAHIM
SHAWING & ASSOCIATES

1636 ARGONNE PLACE, NW

LEGEND:

	GRID LINE
	SECTION TAG
	INTERIOR ELEVATION
	EXTERIOR ELEVATION
	DETAIL TAG
	ELEVATION TAG
	ELEVATION TAG
	WINDOW TAG
	DOOR TAG
	WALL TYPE
	DRAWING TITLE

ABBREVIATIONS:

AB ANCHOR BOLT	GR GRADE	R RISER
A/C AIR CONDITIONING	GTR GUTTER	RAD RADIUS
ACT ACOUSTICAL CEILING TILE	GWB GYPSUM WALL BOARD	RD ROOF DRAIN
ADJ ADJUSTABLE	HB HOSE BIB	REBAR STEEL REINFORCING BAR
AFF ABOVE FINISHED FLOOR	HC HANDICAP	REC RECESSED
BD BOARD	HD HEAD	REFGREFRIGERATOR
BIT BITUMINOUS	HDR HEADER	REINF REINFORCED
BKG BLOCKING	HDW HARDWARE	REQ REQUIRED
BLDG BUILDING	HGR HANGER	REV REVERSE
BM BEAM	HOR HORIZONTAL	RFG ROOFING
BOF BOTTOM OF FOOTING	HT HEIGHT	RH RIGHT HAND
BR BRICK	HTG HEATING	RM ROOM
BRG BEARING	HVACHEATING VENTILATING	RO ROUGH OPENING
C COURSE	AND AIR CONDITIONING	RTG RATING
CAB CABINET	HW HOT WATER	SCHDSCHEDULE
CFM CUBIC FEET PER MINUTE	HWD HARDWOOD	SECT SECTION
CI CAST IRON	ID INSIDE DIAMETER	SF SQUARE FOOT
CLG CEILING	INS INSULATION	SHT SHEET
CMU CONC MASONRY UNIT	INT INTERIOR	SIM SIMILAR
COL COLUMN	JB JAMB	SM# SMOOT LUMBER
CONC CONCRETE	JST JOIST	COMPANY DESIGNATION
CONTCONTINUOUS	KIT KITCHEN	SPECSPECIFICATION
CPT CARPET	LAM LAMINATED	SPKRSPRINKLER
CT CERAMIC TILE	LAV LAVATORY	SQ SQUARE
CTR CENTER	LBS POUNDS	S&R SHELF AND ROD
DBL DOUBLE	LH LEFT HAND	STD STANDARD
DEM DEMOLISH/DEMOLITION	LT LIGHT	STL STEEL
DN DOWN	MAS MASONRY	STR STRUCTURE
DR DOOR	MAX MAXIMUM	SUSP SUSPENDED
DS DOWNSPOUT	MECH MECHANICAL	SYS SYSTEM
DWG DRAWING	MEMB MEMBRANE	T TREAD
EA EACH	MFR MANUFACTURER	T&G TONGUE AND GROOVE
EL ELEVATION	MIN MINIMUM	TEL TELEPHONE
ENCL ENCLOSURE	MISC MISCELLANEOUS	TEMPTEMPERED
EQ EQUAL	MLDGMOLDING	THK THICK
EQPT EQUIPMENT	MO MASONRY OPENING	TOF TOP OF FOOTING
EX EXISTING	MTD MOUNTED	TOW TOP OF WALL
EXP EXPANSION	MTL METAL	TV TELEVISION
EXT EXTERIOR	NO# NUMBER	TYP TYPICAL
FBRGL FIBERGLASS	NTS NOT TO SCALE	UON UNLESS OTHERWISE NOTED
FD FLOOR DRAIN	OC ON CENTER	VB VAPOR BARRIER
FDN FOUNDATION	OD OUTSIDE DIAMETER	VCT VINYL COMPOSITION TILE
FF FOIL FACE	OPG OPENING	VERT VERTICAL
FIN FINISH	OPP OPPOSITE	VT VINYL TILE
FL FLOOR	PC PRECAST CONCRETE	W/ WITH
FLG FLASHING	PL PLATE	WD WOOD
FOM FACE OF MASONRY	PLAMPLASTIC LAMINATE	WIN WINDOW
FS FULL SIZE	PLAS PLASTER	W/O WITHOUT
FT FOOT OR FEET	PNL PANEL	WP WATERPROOFING
FTG FOOTING	PNT PAINT	WR WATER RESISTANT
FUR FURRING	PR PAIR	WSCT WAINSCOT
GA GAUGE	PSF POUNDS PER SQ FOOT	WT WEIGHT
GAL GALVANIZED	PSI POUNDS PER SQ INCH	WWF WELDED WIRE FABRIC
GC GENERAL CONTRACTOR	PVC POLYVINYL CHLORIDE	
GL GLASS	PLY PLYWOOD	

GENERAL NOTES:

CONTRACTOR SHALL VERIFY AND FAMILIARIZE HIMSELF WITH ALL FIELD CONDITIONS PRIOR TO SUBMITTING PROPOSALS AND COMMENCING CONSTRUCTION. FIELD CONDITIONS NOT AGREEING WITH CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER & DESIGNER PRIOR TO BEGINNING WORK. ALL ADDITIONAL WORK NEEDED TO COMPLETE THE PROPOSED PROJECT WHICH IS NOT INDICATED ON DRAWINGS SHALL RECEIVE PRIOR AUTHORIZATION FROM THE HOMEOWNER.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE INCLUSION OF ALL WORK NECESSARY FOR A COMPLETE INSTALLATION WHETHER SUCH WORK IS INDICATED ON DRAWINGS OR SPECIFICATIONS.

ALL MANUFACTURED / PREFABRICATED ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE WRITTEN MANUFACTURES SPECIFICATIONS.

JOB SITE SHALL BE KEPT IN A CLEAN AND ORDERLY FASHION AT THE END OF EACH DAYS WORK. ALL WARRANTIES, GUARANTIES AND MANUFACTURERS INSTRUCTIONS SHALL BE PRESENTED TO THE HOMEOWNER IN A COMPLETE AND ORDERLY MANNER AT THE CONCLUSION OF CONSTRUCTION. ALL WORK PERFORMED SHALL BE EXECUTED TO GREATER THAN STANDARD BUILDING QUALITY AND SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES.

THE DESIGNER SHALL NOT BE RESPONSIBLE FOR AND WILL NOT HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, OR FOR THE SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, AND WILL NOT BE RESPONSIBLE FOR THE FAILURE OF THE CLIENT OR HIS CONTRACTORS, SUBCONTRACTORS OR ANYONE PERFORMING WORK, TO CARRY OUT THE WORK IN ACCORDANCE WITH THE APPLICABLE RESIDENTIAL CODES, REGULATIONS, AND CONTRACT DOCUMENTS.

BY A LICENSED GENERAL CONTRACTOR ENTERING INTO AGREEMENT WITH THE HOMEOWNER/PROPERTY OWNER, HE AGREES TO KEEP CURRENT ALL INSURANCES, WORKER'S COMPENSATION AS REQUIRED, AND AGREES TO INDEMNIFY/HOLD HARMLESS THE HOMEOWNER/ PROPERTY OWNER FROM ANY ACCIDENTS OCCURRING FROM THE SCOPE OF WORK REQUIRED TO COMPLETE THE PROPOSED PROJECT.

CONTRACTORS SHALL BE RESPONSIBLE FOR REMOVING & DISPOSING OF DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM WORK AT THE JOB SITE. CONTRACTOR SHALL PROVIDE PROTECTION BETWEEN THE NEW CONSTRUCTION AND THE EXISTING BUILDING AND TAKE ADEQUATE MEASURES TO KEEP DUST TO A MINIMUM. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR SHALL CLEAN THE ENTIRE PREMISES AND TURN OVER ALL KEYS USED DURING CONSTRUCTION, OLD AND NEW. SEE NOTE ABOVE.

ALL EXISTING CONDITIONS SHOULD BE FIELD VERIFIED INCLUDING DIMENSIONS AND STRUCTURE. SOME VARIATIONS COULD EXIST AND IT IS THE RESPONSIBILITY OF OTHERS TO CONFIRM THE INFORMATION HEREIN.

APPLICABLE BUILDING CODES	
This project conforms to all applicable building codes and zoning regulations for the District of Columbia. All codes subject to the District of Columbia Construction Codes 2009 Supplement Amendments and all revisions	
BUILDING IBC 2006:	INTERNATIONAL BUILDING CODE - 2006, DCMR 12A
BUILDING IRC 2006:	INTERNATIONAL RESIDENTIAL CODE - 2006, DCMR 12A
MECHANICAL IMC 2006:	INTERNATIONAL MECHANICAL CODE - 2006, DCMR 12E
PLUMBING IPC 2006:	INTERNATIONAL PLUMBING CODE - 2006 DCMR 12F
ELECTRICAL:	2005 NEC/NFPA 70 - NATIONAL ELECTRICAL CODE, DCMR12C
FIRE IFC 2006:	INTERNATIONAL FIRE CODE - 2006, DCMR 12H
ENERGY IECC 2006:	INTERNATIONAL ENERGY CONSERVATION CODE - 2012 DCMR12I
FUEL IFGC 2006:	INTERNATIONAL FUEL GAS CODE - 2006, DCMR 12D
EXISTING BLDG IEBC 2006:	INTERNATIONAL EXISTING BLDG CODE - 2006, DCMR 12J
PROPERTY IPMC 2006:	INTERNATIONAL PROPERTY MAINTANCE CODE - 2006, DCMR 12G
AMENDMENTS:	DCMR12 BUILDING CODE REGULATIONS, 2009
ZONING:	DCMR TITLE 11 - ZONING REGULATIONS
ADA:	ICC/ANSI A117.1-2003: ACCESSIBLE AND USABLE BUILDINGS A FACILITIES

BUILDING CLASSIFICATIONS	
USE GROUP (IBC 2006 - 310)	R-2
TYPE OF CONSTRUCTION (IBC 2006 - 602)	TYPE VA
FULLY SUPPRESSED / SPRINKLERS (IBC 2006 - 903.3.1.2)	NO NFPA 13 R

BUILDING DATA	EXISTING	PROPOSED
HEIGHT ABOVE GRADE	44'-0 1/4"	44'-0 1/4"
HEIGHT BELOW GRADE	3'-11"	3'-11"
GROSS SQ. FT. PER FLOOR - CALCULATED FROM EXTERIOR WALLS		
CELLAR	1,042 sq. ft.	969 sq. ft.
1st FLOOR	997 sq. ft.	997 sq. ft.
2nd FLOOR	900 sq. ft.	900 sq. ft.
3rd FLOOR	875 sq. ft.	875 sq. ft.
MEZZ	295 sq. ft.	295 sq. ft.
USE GROUP	R-2	R-2
CONSTRUCTION TYPE	TYPE - VA	TYPE -VA
SPRINKLER SYSTEM	YES	YES
FIRE ALARM SYSTEM	YES	YES
FIRE EXTINGUISHERS	YES	YES
SMOKE DETECTION SYSTEM	YES	YES
ADA ACCESSIBILITY	NO	NO
FLOOR AREA (GFA) (INC. CELLAR)	4,109 sq. ft.	4,036 sq. ft.
NUMBER OF STORIES ABOVE GRADE	3	TYPE -VA 3S / 12,000
IBC/CHAPTER 5		
SOUND TRANSMISSION CLASS	50	50

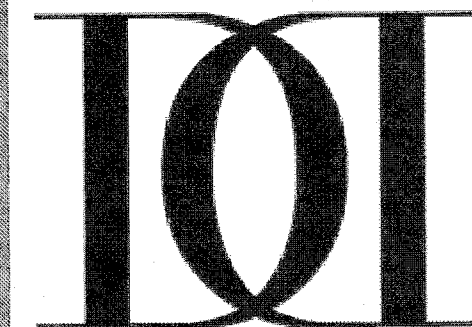
ZONING DATA	EXISTING	PROPOSED
SQUARE:	2589	2589
LOT:	0460	0460
ZONE:	R-5-B	R-5-B
YEAR BUILT	1921	2015
LOT AREA	1,700 sq. ft.	1,700 sq. ft.
GFA (NIC. CELLAR FLOOR)	3,067 sq. ft.	3,067 sq. ft.
F.A.R.	1.80	1.80
BUILDING AREA	997 sq. ft.	997 sq. ft.
LOT OCCUPANCY	58%	58%
NO. STORIES ABOVE GRADE	3 + L	3 + L
BUILDING HEIGHT	44'-0 1/4"	44'-0 1/4"
NO. OF UNITS	4	4
SIDE YARD SET BACKS	N/A	N/A
REAR YARD SET BACK	16'-0"	16'-0"

PROJECT NARRATIVE:

REVISION TO B1404813 TO REMOVE APPROXIMATELY 73 SQUARE FEET OF CELLAR AND INSTALL RETAINING WALL.

DRAWING LIST:

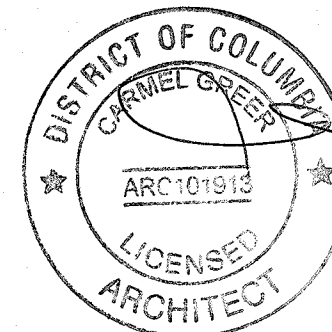
C0000	COVER PAGE
DDOE1	SEDIMENT CONTROL PLAN
DDOE2	SEDIMENT CONTROL NOTES
A0100	PROPOSED SITE PLAN
A0101	PROPOSED CELLAR PLAN
A0201	PROPOSED EAST ELEVATION
A0202	PROPOSED WEST ELEVATION
A0203	PROPOSED NORTH/SOUTH ELEVATIONS
A0401	TYPICAL SECTION
A0501	RETAINING WALL DETAIL



WWW.DISTRICTDESIGN.COM

PROJECT:
1636 ARGONNE PLACE, NW
WASHINGTON, DC 20009
SQ: 2589 LOT: 0460

CONSULTANT:



REVISION:
JUNE 24, 2014
DECEMBER 15, 2014
DECEMBER 17, 2014

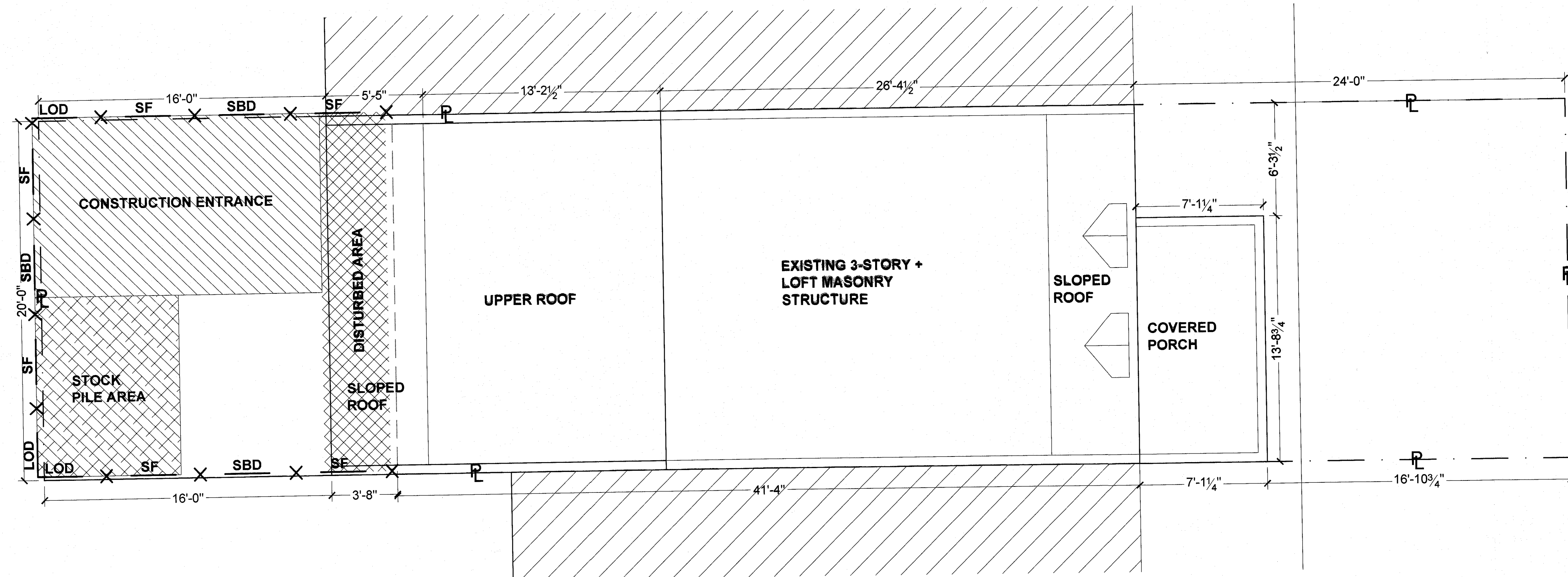
FAR CHECK:
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JUNE 4, 2015

SHEET: C0000

DCRA/OFFICE OF THE ZONING
ADMINISTRATOR/COMPLIES
WITH REQUIREMENTS OF
DC ZONING REGULATIONS (DDCMR)

PERMANENT FILE



PROJECT DESCRIPTION
AMENDMENT TO EXISTING PERMIT B1404813. NEW RETAINING WALL AT REAR.

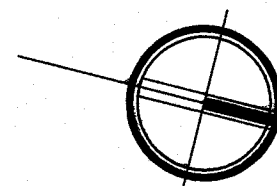
LEGEND

SF = SILT FENCE	CONSTRUCTION ENTRANCE LOCATED ON SITE THRU EXISTING ALLEY
LOD = LINE OF DISTURBANCE	
SBD = STRAW BALE DIKE	
STOCK PILE AREA LOCATED ON SITE THRU EXISTING ALLEY	
DISTURBED AREA	
73 sq. ft.	
219 cubic ft.	
8 cubic yards	

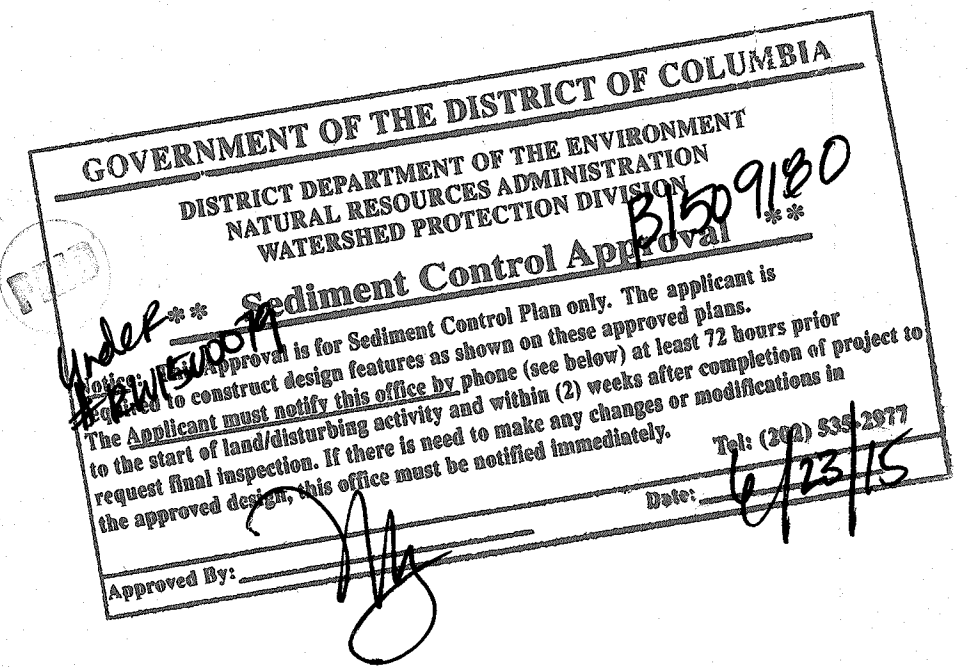
CONSTRUCTION SEQUENCE

CONTRACTOR TO SECURE ALL NECESSARY PERMITS, AND CONDUCT A PRE-CONSTRUCTION MEETING WITH THE 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 AND FEATURES AS NECESSARY.
3. BEGIN ROUGH GRADING OPERATIONS TO BRING LOT TO GRADE.
4. PROCESS WITH CONSTRUCTION FOR BUILDING.
5. BEGIN CONSTRUCTION/INSTALLATION OF UNDERGROUND UTILITIES.
6. CONTINUE CONSTRUCTION OF BUILDING, INCLUDING ALL INTERIOR PLUMBING AND APPETENCIES.
7. WHEN INDOOR PLUMBING IS IN PLACE, BEGIN & COMPLETE CONSTRUCTION AND INSTALLATION OF WATER & SEWER SERVICE CONNECTION(S) TO THE BUILDING(S). IN ADDITION, ALL GAS & ELECTRIC CONNECTIONS ARE TO BE MADE AT THIS TIME.
8. STABILIZE ALL AREAS WHERE CONSTRUCTION IS COMPLETED.
9. THE CONTRACTOR SHALL CALL THE INSPECTION/ENFORCEMENT BRANCH WATERSHED PROTECTION DIVISION, DISTRICT DEPARTMENT OF THE ENVIRONMENT AT 202.535.2240 FOR A STORMWATER INSPECTION BEFORE INSTALLATION OF SWM FACILITY. CONTRACTOR SHALL ALSO CALL DISTRICT DESIGN AT 202.518.0892 TO COORDINATE INSPECTION ACTIVITIES DURING TRENCH INSTALLATION AS REQUIRED BY DDOE.
10. INSTALL INFILTRATION TRENCH, INLETS & STORM DRAIN PIPE.
11. STORM DRAIN CONNECTION INTO INFILTRATION TRENCH AND EXTERIOR DRAINAGE FEATURES ARE TO BE BLOCKED UNTIL ALL APPROVED BY THE SEDIMENT CONTROL INSPECTOR.
12. COMPLETE CONSTRUCTION OF BUILDING(S) AND ALL SITE APPURTENANCES, STABILIZE ALL DISTURBED AREAS PER DC SEDIMENT CONTROL REQUIREMENTS
13. REMOVE SEDIMENT CONTROL DEVICES AFTER ENTIRE SITE IS STABILIZED AND PERMISSION IS RECIEVED FROM THE SEDIMENT CONTROL INSPECTOR.



1 SEDIMENT CONTROL PLAN
SCALE: 1/4" = 1'-0" 24X36 LAYOUT
SCALE: 1/8" = 1'-0" 11X17 LAYOUT

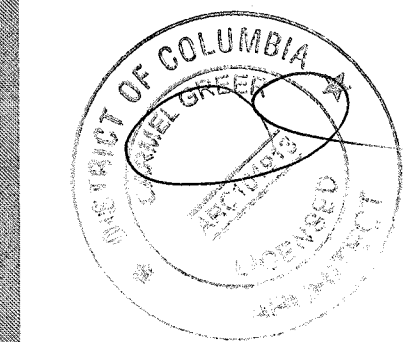


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PORTABLE SEDIMENT TANK DETAIL 55 GAL. DRUMS OR SIMILAR WELDED END TO END TO ACT AS BAFFELS(TYP.) ENDS OF BARRELS CUT TO ACT AS BAFFELS(TYP.) 3" Ø HOSE TO TO ACT AS BAFFELS(TYP.) PLAN VIEW 3" Ø HOSE TO TO ACT AS BAFFELS(TYP.) 12"(APPROX.)CLEANOUT SLOT CUT OUT (INTERIOR WALLS ONLY) APPROX. 3/4 DIA. BARREL END TO ACT AS BAFFLE 2"x4" CRADLE STANDARD SYMBOL 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 = 16 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED.	SUMP PIT DETAIL CLEAN WATER DISCHARGE SUCTION LINE TO PUMP 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 WATER TIGHT CAP OR PLATE CLEAN GRAVEL OR AASHTO M-43 # 57 AGGREGATE FILL STANDARD SYMBOL PLACE 12" BASE OF M-43 # 57 STONE BEFORE INSTALLING STANDPIPE. CROSS SECTION 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 6" 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 DEWATERING ONLY) AND THE FILTER MATERIAL SHOULD EXTEND 3" MINIMUM ABOVE THE ANTICIPATED STANDING WATER ELEVATION.	STRAW BALE DIKE DETAIL STRING BINDER UNDISTURBED GROUND 4" VERTICAL FACE BEDDING DETAIL ANGLE FIRST STAKE TOWARD THE PREVIOUSLY PLACED BALE BOUND BALES PLACED ON CONTOUR ENTRANCE BALES A MINIMUM OF 4" INTO THE GROUND 2 REBARS OR 2" x 2" DRIVEN 12" TO 18" INTO THE GROUND UNDISTURBED GROUND ANCHORING DETAIL STANDARD SYMBOL	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-SF</td></tr><tr><td>TEMPORARY SWALE</td><td>A-2/B-3</td></tr><tr><td>STABILIZED CONSTRUCTION ENTRANCE</td><td>SCE</td></tr><tr><td>GRADE STABILIZATION STRUCTURE</td><td>GSS-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></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-SF	TEMPORARY SWALE	A-2/B-3	STABILIZED CONSTRUCTION ENTRANCE	SCE	GRADE STABILIZATION STRUCTURE	GSS-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		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 16" 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./IN. (MIN)</td><td>TEST: MSMT 509</td></tr><tr><td>TENSILE MODULUS</td><td>20 LBS./IN. (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 BUILDUPS 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./IN. (MIN)	TEST: MSMT 509	TENSILE MODULUS	20 LBS./IN. (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 TO CENTER 36" MIN. LENGTH FENCE POST, DRIVEN A MIN. OF 16"(406 MM) INTO GROUND. 16" MIN. HEIGHT OF GEOTEXTILE CLASS F 8" MIN. DEPTH IN GROUND WOVEN WIRE FENCE FLOW PERSPECTIVE VIEW 36" MIN. FENCE POST LENGTH CROSS SECTION STANDARD SYMBOL	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 6" 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 OVER 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. 3" MOUNTABLE BERM (6" MIN) EXIST. PAVEMENT EARTH FILL PIPE AS NECESSARY MIN. 6" OF 2"-3" AGGREGATE OVER LENGTH AND WIDTH OF STRUCTURE EXISTING GROUND GEOTEXTILE CLASS 'C' OR BETTER PROFILE STANDARD SYMBOL PLAN VIEW CONSTRUCTION SPECIFICATIONS - Seed and cover with straw mulch. - Seed and cover with Erosion Control Matting or line with sod. 4" - 2" stone or recycled concrete equivalent pressed into the soil 2" minimum.	DETAIL 1 - EARTH DIKE 2:1 SLOPE OR FLATTER 2:1 SLOPE OR FLATTER GRADE LINE CUT OR FILL SLOPE CROSS SECTION DIKE A DIKE B POSITIVE DRAINAGE SUFFICIENT TO DRAIN a-DIKE HEIGHT 18" b-DIKE WIDTH 30" c-FLOW WIDTH 24" d-FLOW DEPTH 12" 24" PLAN VIEW STANDARD SYMBOL 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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