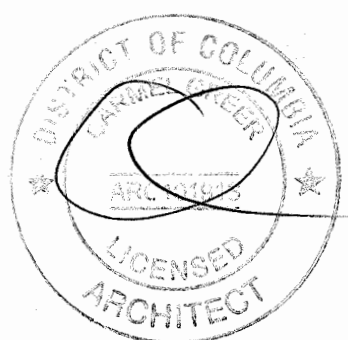


CONSULTANT:



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

FAR CHECK:  
APRIL 9, 2015

RETAINING WALL REVISION:  
JUNE 4, 2015

SHEET:

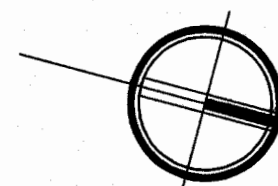
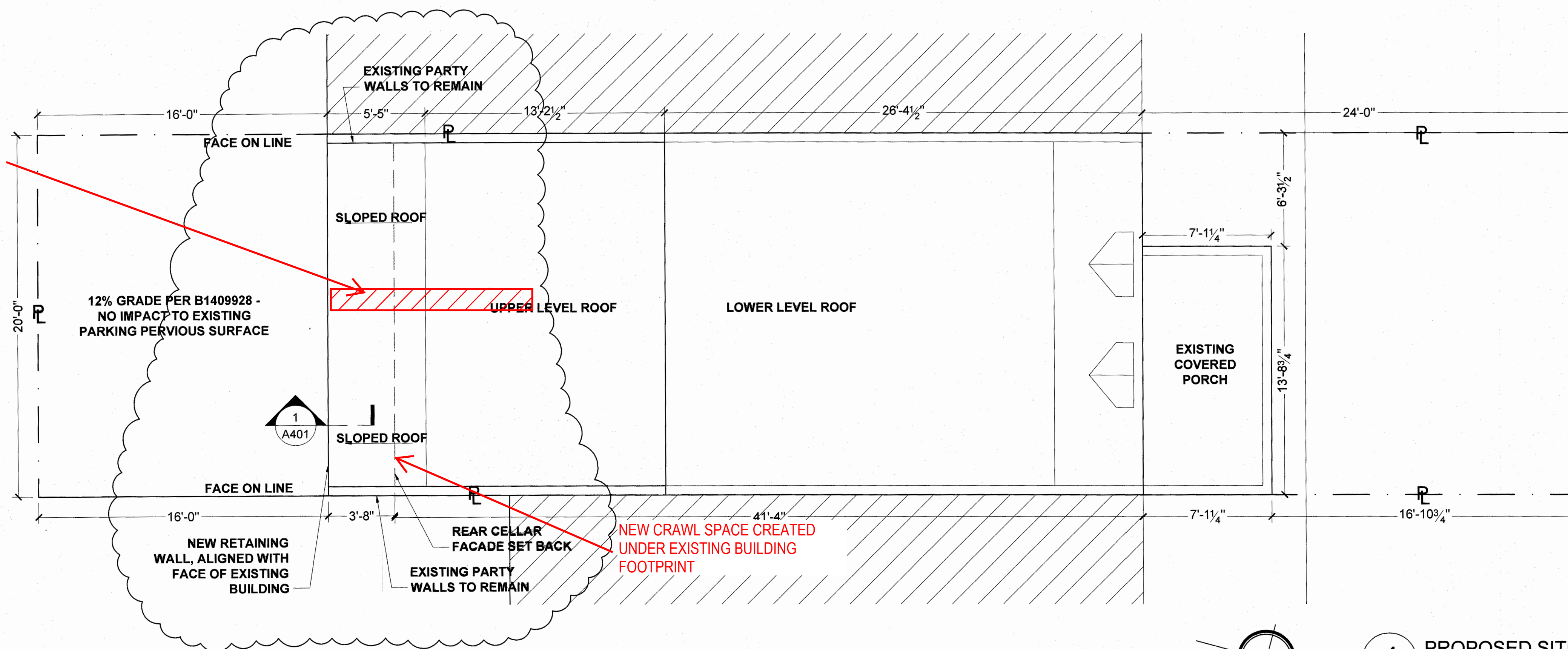
**A0100**

16' REAR YARD INSUFFICIENT  
FOR REQUIRED 9'x19' PARKING

MASONRY BEARING WALL NOT  
INDICATED; REQUIRES DEMO  
AND RESTRUCTURING ABOVE

CURRENT CONCRETE SURFACE  
IS NOT PERVIOUS

12% PARKING SURFACE NOT  
ALLOWED

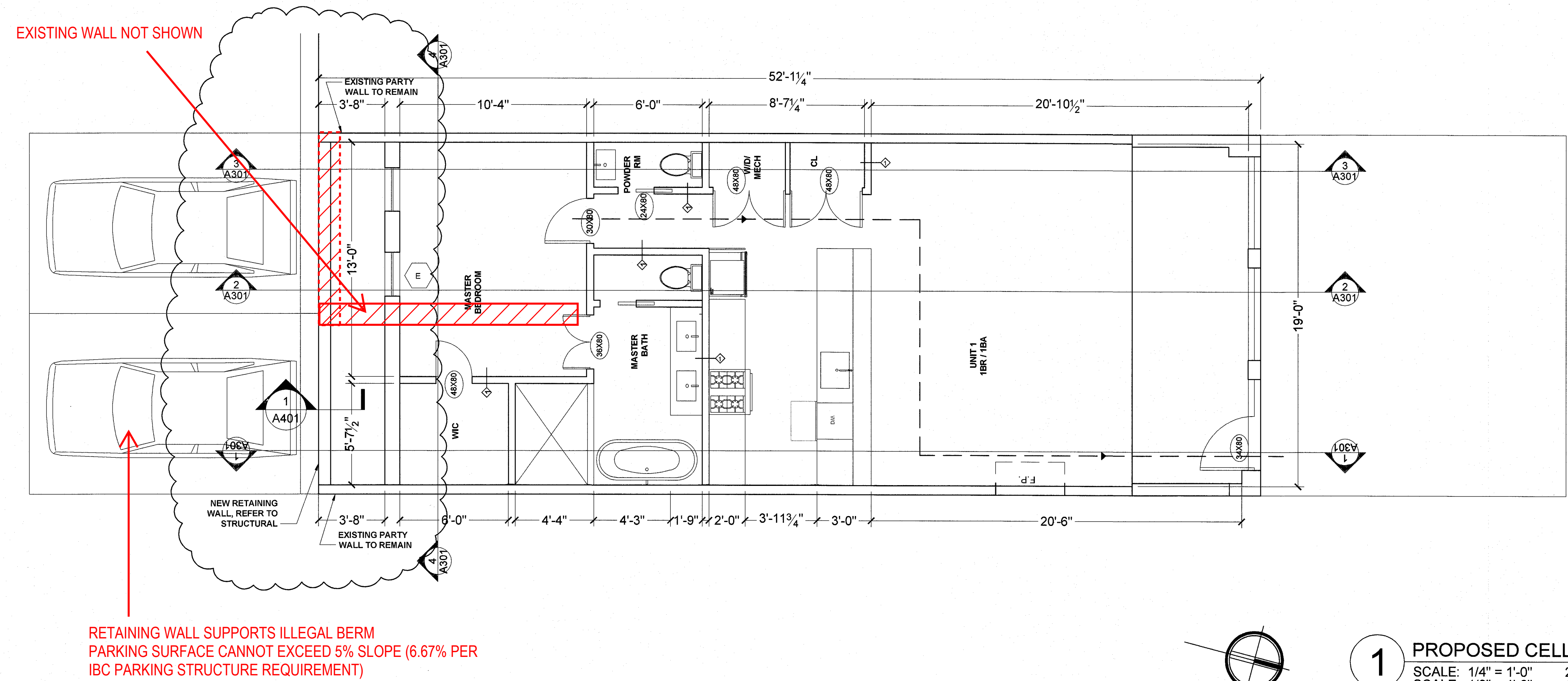
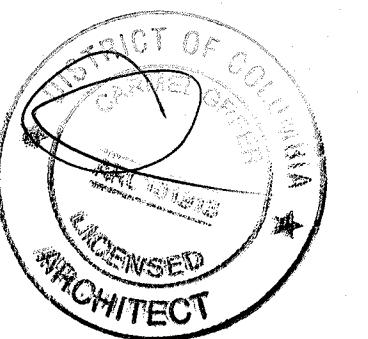


**1 PROPOSED SITE PLAN**  
SCALE: 1/4" = 1'-0" 24X36 LAYOUT  
SCALE: 1/8" = 1'-0" 11X17 LAYOUT

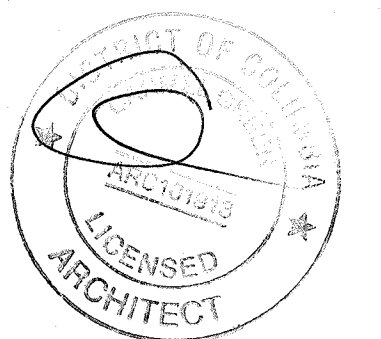
DCRA OFFICE OF THE ZONING  
ADMINISTRATOR/COMPLIES  
WITH REQUIREMENTS OF  
DC ZONING REGULATIONS (DDCMR)

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

6.23.15



CONSULTANT:



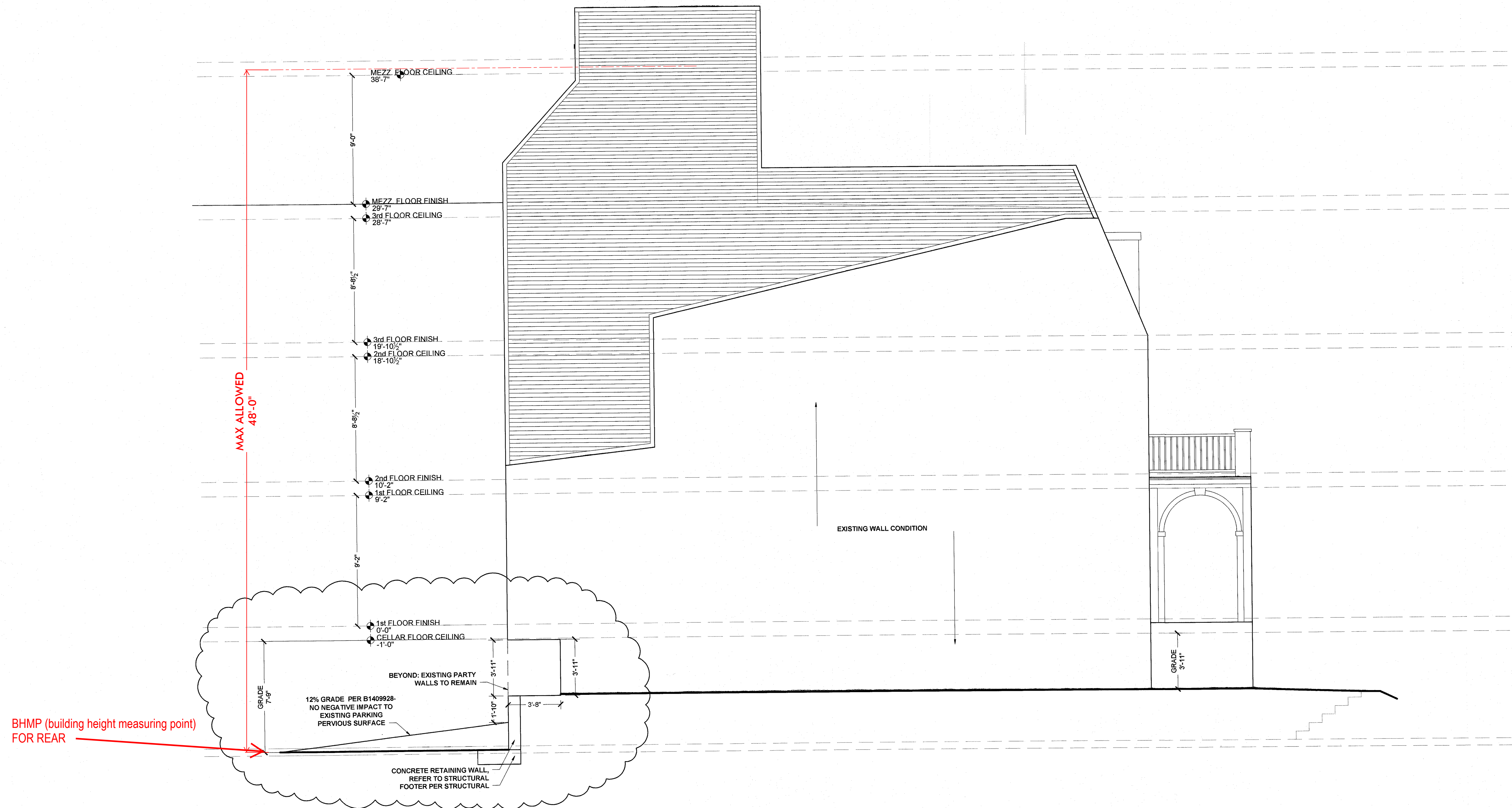
REVISION:  
JUNE 24, 2014  
DECEMBER 15, 2014  
DECEMBER 17, 2014

FAR CHECK:  
APRIL 9, 2015

RETAINING WALL REVISION:  
JUNE 4, 2015

SHEET:

**A0201**



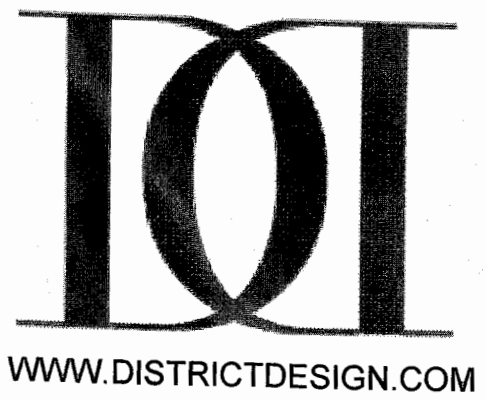
**1 EAST ELEVATION**  
SCALE: 1/4" = 1'-0" 24X36 LAYOUT  
SCALE: 1/8" = 1'-0" 11X17 LAYOUT

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

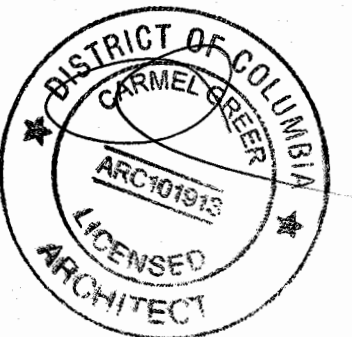
MEZZANINE. An intermediate level or levels between the floor and ceiling of any story and in accordance with Section 505.

A common design feature in factories, warehouses and mercantile buildings is an intermediate loft, or platform, between the story levels of a building. This type of feature, or mezzanine, can be found in buildings of all occupancies. The code must deal with whether this intermediate level is another story of the building or whether it can simply be treated as part of the story in which it is contained. The basic rule is that the intermediate level must be less than one-third of the area of the story below (of the room in which it is located) in order to be considered a mezzanine. Requirements for mezzanines are found in Section 505.



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

CONSULTANT:



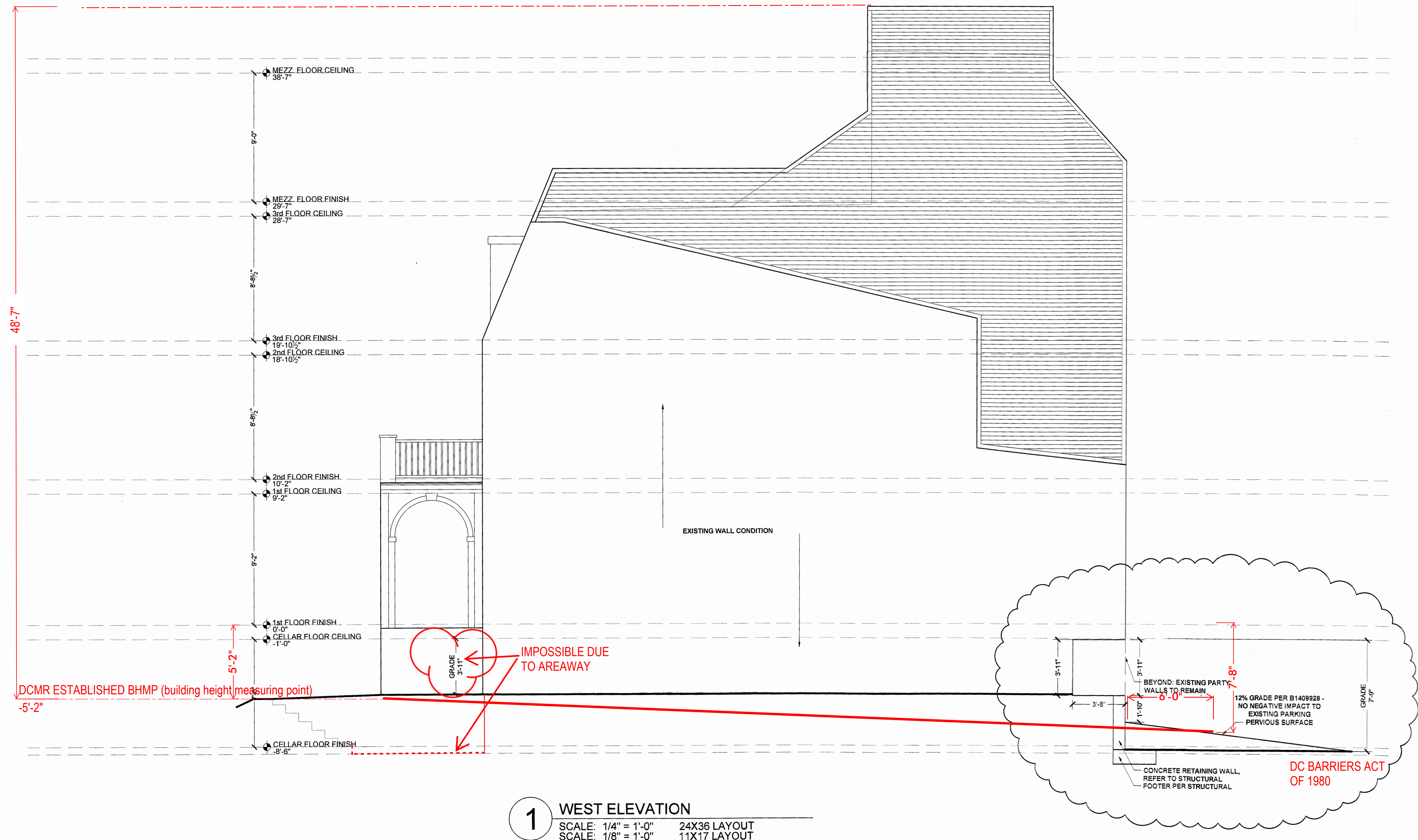
REVISION:  
JUNE 24, 2014  
DECEMBER 15, 2014  
DECEMBER 17, 2014

FAR CHECK:  
APRIL 9, 2015

RETAINING WALL REVISION:  
JUNE 4, 2015

SHEET:

A0202



**1 WEST ELEVATION**  
SCALE: 1/4" = 1'-0" 24X36 LAYOUT  
SCALE: 1/8" = 1'-0" 11X17 LAYOUT

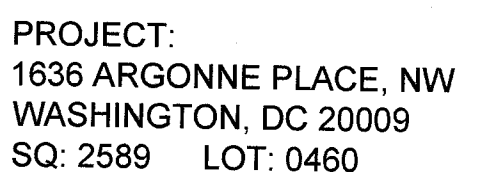
IBC GRADE PLANE CALCULATION USING THE ILLEGAL BERM  
5'-2" AT FRONT FIRST FLOOR TO GRADE  
7'-8" AT REAR FIRST FLOOR TO GRADE  
 $2'-6" \text{ DELTA} / 2 - 1'-3" + 5'-2" = 6'-5"$

STORY ABOVE GRADE PLANE. Any story having its finished floor surface entirely above grade plane, or in which the finished surface of the floor next above is:

1. More than 6 feet (1829 mm) above grade plane; or
2. More than 12 feet (3658 mm) above the finished ground level at any point.

BASEMENT. A story that is not a story above grade plane (see "Story above grade plane" in Section 202).

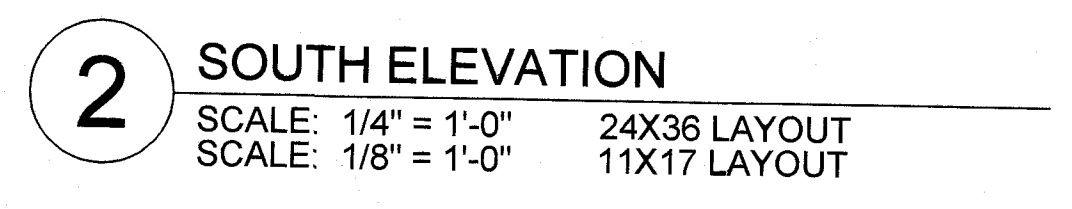
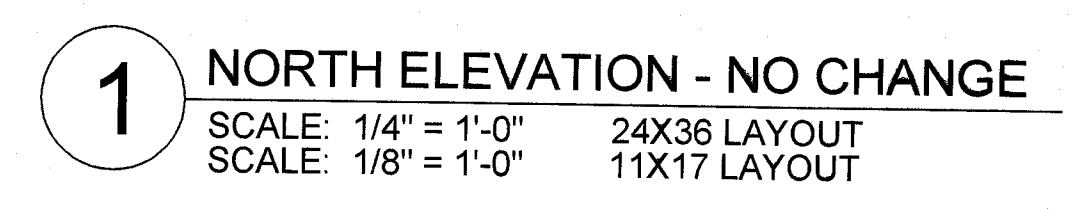
DISTRICT OF COLUMBIA  
DEPARTMENT OF THE DISTRICT  
STRUCTURAL DIVISION  
APPROVED SUBJECT TO THE  
FURTHER APPROVAL OF CONSTRUCTION  
SITRA IBRAHIM  
Structural Engr. Section  
Date 6-23-15

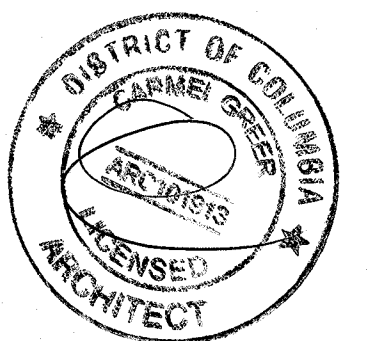


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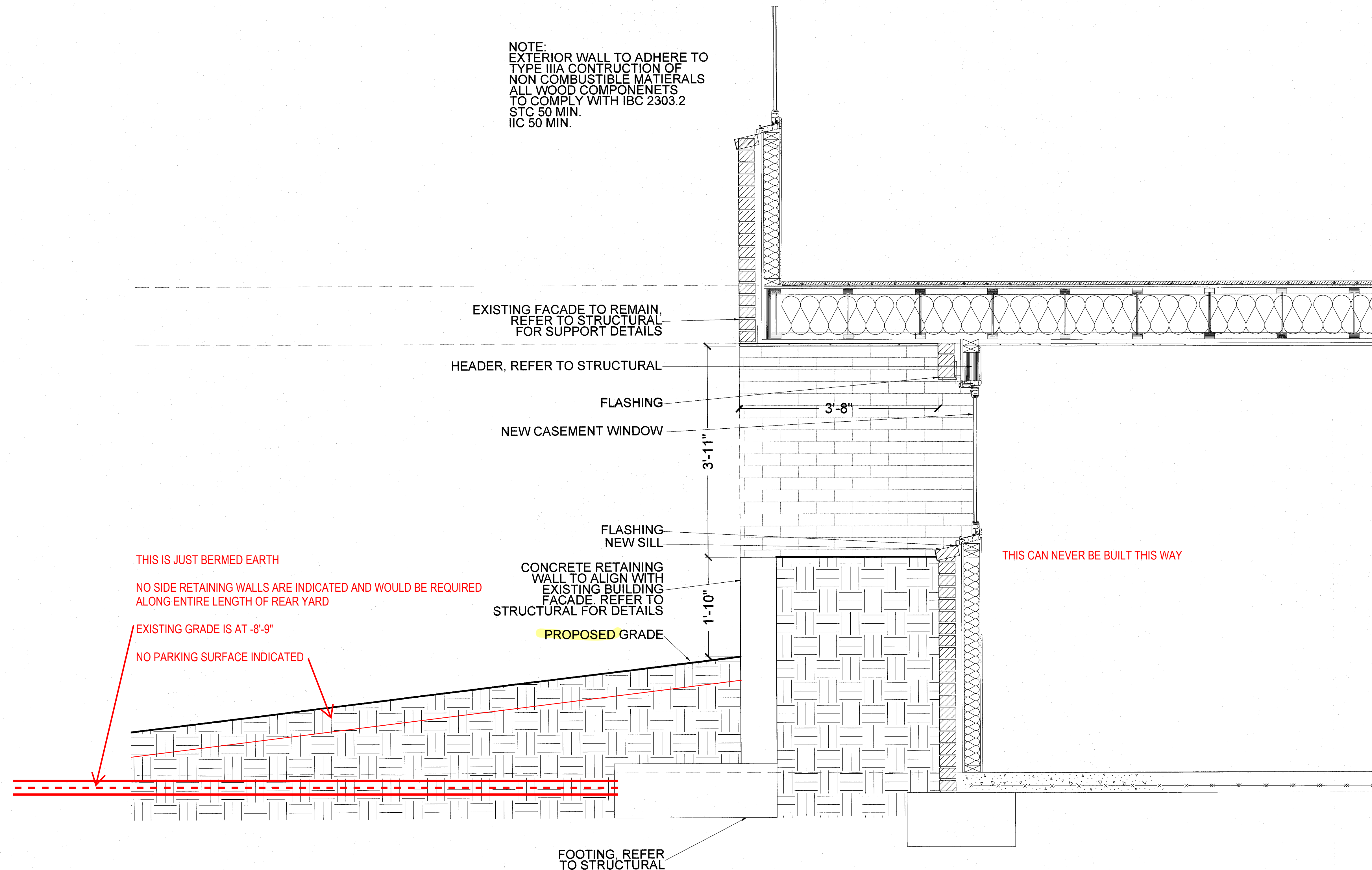
DISTRICT OF COLUMBIA  
PERMIT OPERATIONS DIVISION  
STRUCTURAL WORK IN GENERAL  
APPROVED SUBJECT TO THE  
FURTHER APPROVAL OF CONSTRUCTION  
SITRA IBRAHIM  
Structural Engr. Section

Date: 21  
6-23-15



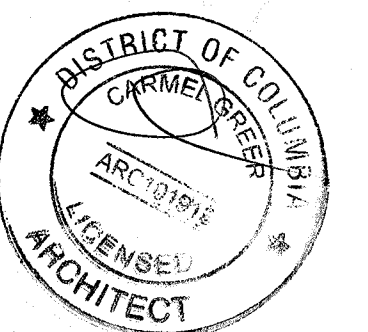


NOTE:  
EXTERIOR WALL TO ADHERE TO  
TYPE IIIA CONSTRUCTION OF  
NON COMBUSTIBLE MATERIALS  
ALL WOOD COMPONENTS  
TO COMPLY WITH IBC 2303.2  
STC 50 MIN.  
IIC 50 MIN.



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

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



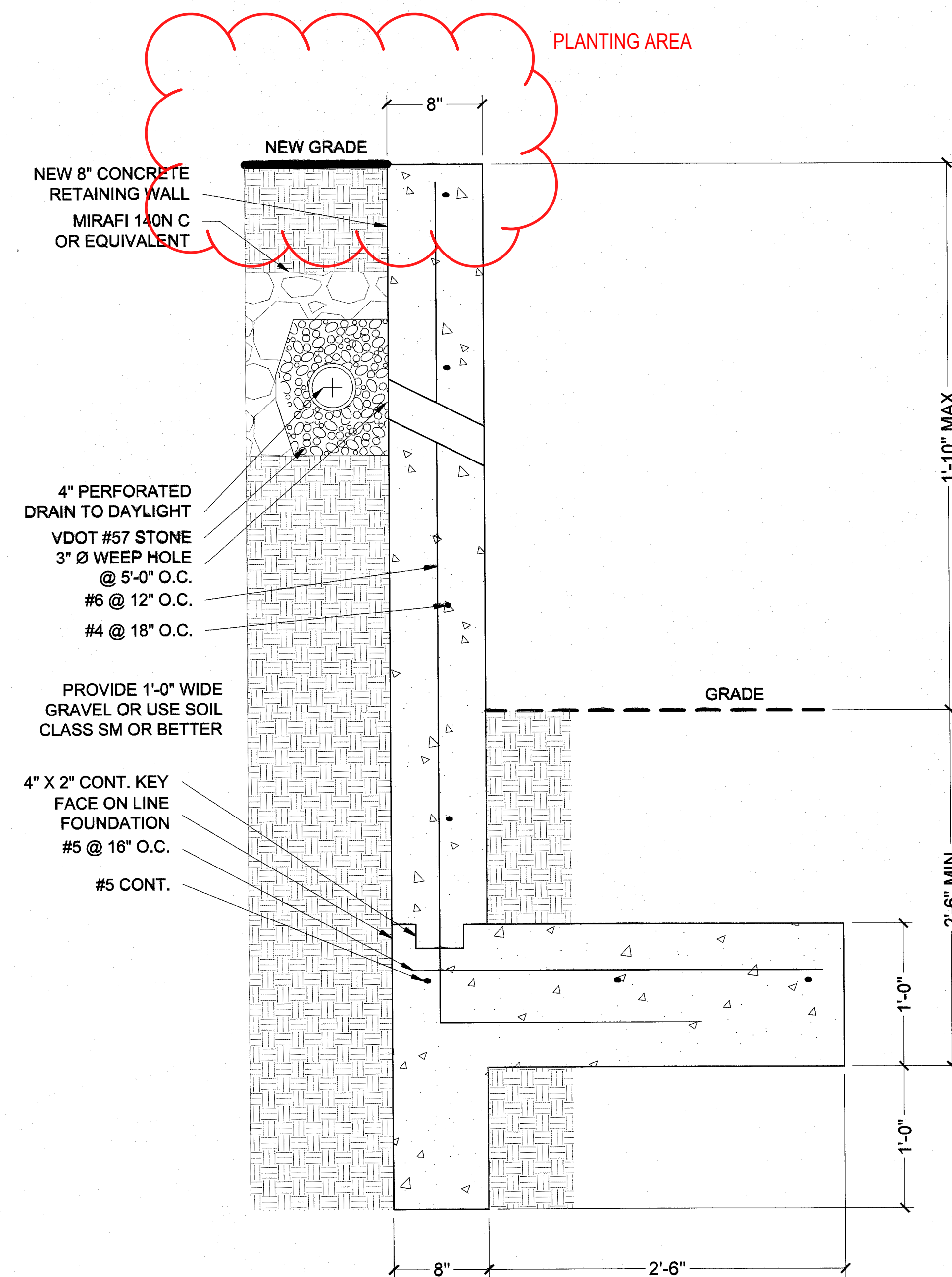
REVISION:  
JUNE 24, 2014  
DECEMBER 15, 2014  
DECEMBER 17, 2014

FAR CHECK:  
APRIL 9, 2015

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  
PERMIT WORK IN GENERAL  
STRUCTURAL WORK TO THE  
APPROVED SUBJECT OF CONSTRUCTION  
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         |
| CONTINUOUS                  | 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      | TEMP TEMPERED               |
| 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         | PLAM PLASTIC 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. | 968 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      |
| IBC/CHAPTER 5                                            |               | 3S / 12,000   |
| SOUND TRANSMISSION CLASS                                 | 50            | 50            |

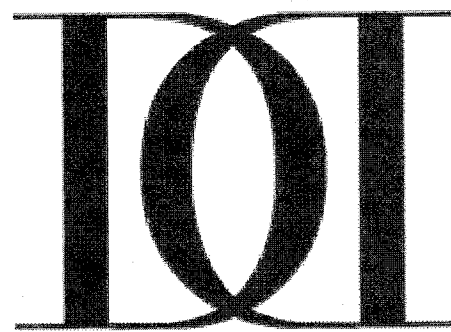
| ZONING DATA             | EXISTING      | PROPOSED      |
|-------------------------|---------------|---------------|
| SQUARE:                 | 2589          | 2589          |
| LOT:                    | 0460          | 0460          |
| ZONE:                   | R-5-B         | R-5-B         |
| 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:

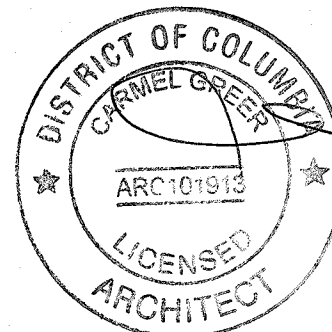
|       |                                 |
|-------|---------------------------------|
| C0000 | COVER PAGE                      |
| DDOE1 | SEDIMENT CONTROL PLAN           |
| DDOE2 | SEDIMENT CONTROL NOTES          |
| A0100 | PROPOSED SITE PLAN              |
| A0101 | PROPOSED CELLAR PLAN            |
| 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

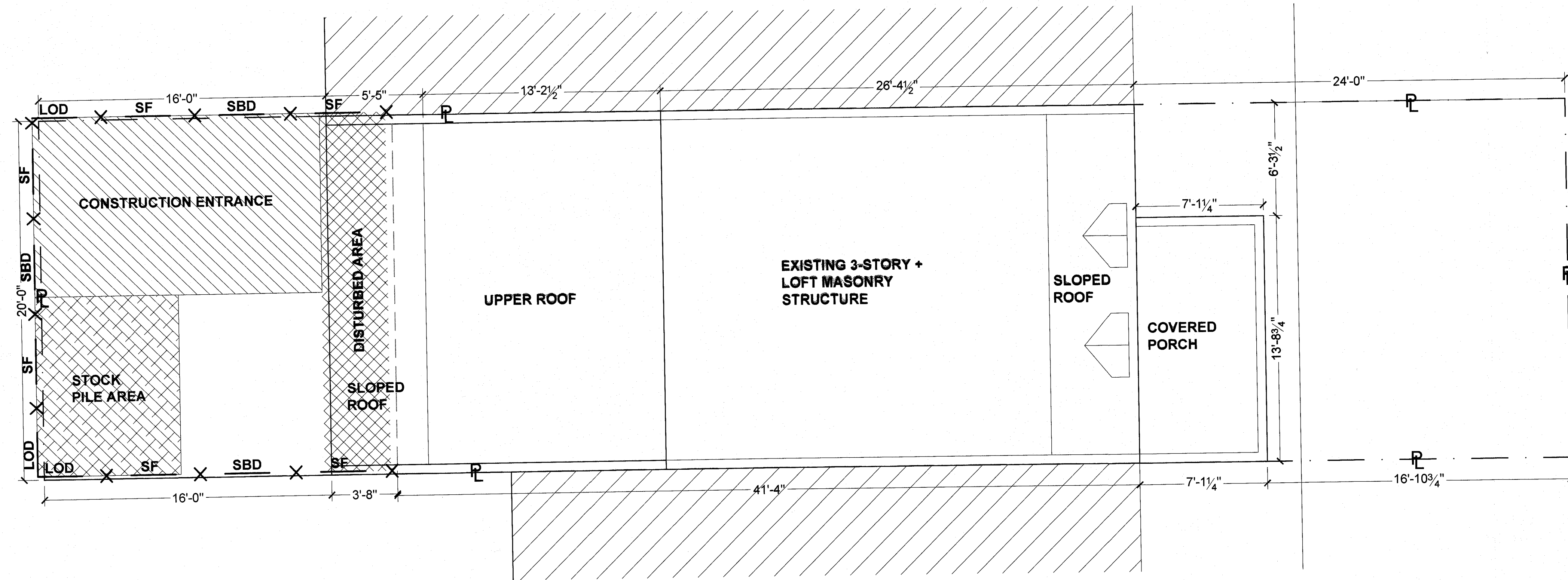
FAR CHECK:  
APRIL 9, 2015

RETAINING WALL REVISION:  
JUNE 4, 2015

SHEET: C0000

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

PERMANENT FILE



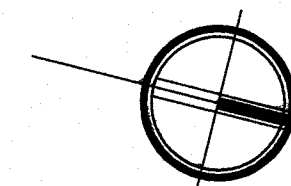
**PROJECT DESCRIPTION**  
AMENDMENT TO EXISTING PERMIT B1404813. NEW RETAINING WALL AT REAR.

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

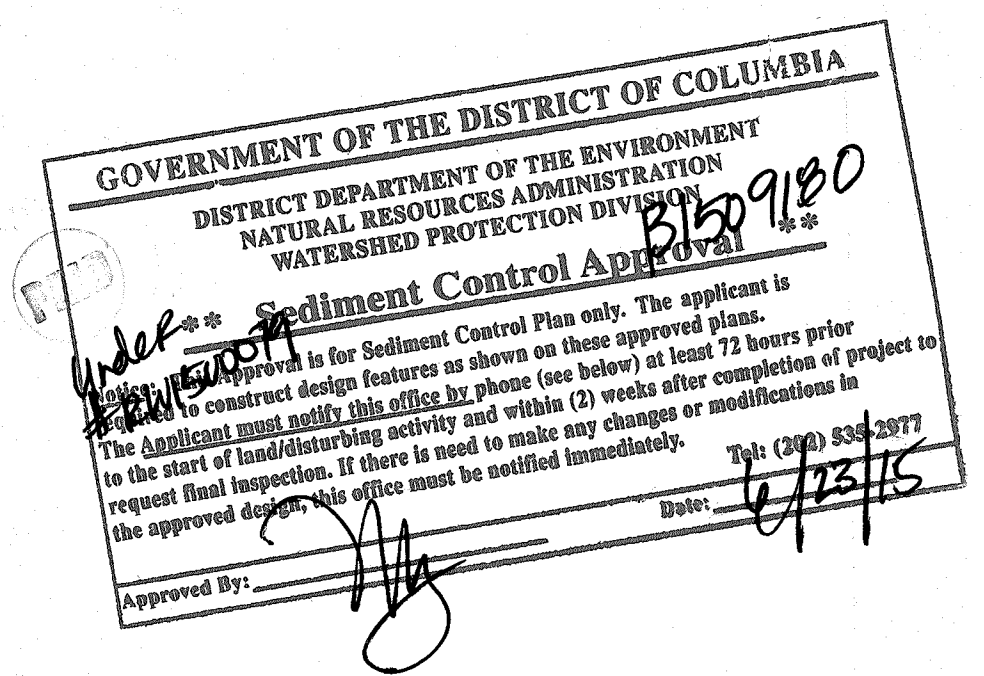
**CONSTRUCTION SEQUENCE**

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.

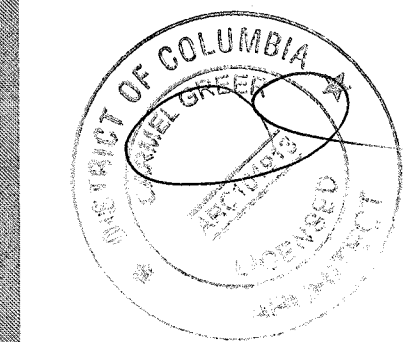


**1 SEDIMENT CONTROL PLAN**  
SCALE: 1/4" = 1'-0" 24X36 LAYOUT  
SCALE: 1/8" = 1'-0" 11X17 LAYOUT



REVISION:  
JUNE 24, 2014  
DECEMBER 15, 2014  
DECEMBER 17, 2014  
  
FAR CHECK:  
APRIL 9, 2015  
  
RETAINING WALL REVISION:  
JUNE 4, 2015

SHEET:



DDOE SEDIMENT CONTROL DETAILS

| <div>PORTABLE SEDIMENT TANK DETAIL</div> <div><p>55 GAL. DRUMS OR SIMILAR WELDED END TO END</p><p>TO ACT AS BAFFELS(TYP.)</p><p>ENDS OF BARRELS CUT TO ACT AS BAFFELS(TYP.)</p><p>3" Ø HOSE TO TO ACT AS BAFFELS(TYP.)</p><p>PLAN VIEW</p><p>3" Ø HOSE TO TO ACT AS BAFFELS(TYP.)</p><p>12"(APPROX.)CLEANOUT SLOT CUT OUT (INTERIOR WALLS ONLY)</p><p>APPROX. 3/4 DIA. BARREL END TO ACT AS BAFFLE</p><p>2"x4" CRADLE</p><p>STANDARD SYMBOL</p><p>⊠ PST</p><p>CONSTRUCTION NOTES</p><ol style="list-style-type: none"><li>CLEAN OUT THE SEDIMENT TANK WHEN ONE THIRD (1/3) FILLED WITH SILT.</li><li>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.</li><li>ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING DEVICE OR AS APPROVED BY THE INSPECTOR.</li><li>TANK STORAGE VOLUME REQUIRED = 16 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED.</li></ol></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <div>SUMP PIT DETAIL</div> <div><p>CLEAN WATER DISCHARGE</p><p>SUCTION LINE TO PUMP</p><p>3" MINIMUM</p><p>EXISTING GROUND LINE</p><p>STANDPIPE WRAPPED IN 1/2" HARDWARE CLOTH AND GEOTEXTILE CLASS E</p><p>SIDE SLOPE (VARIES)</p><p>12" - 36" DIAMETER PERFORATED CORRUGATED METAL OR PVC PIPE</p><p>WATERTIGHT CAP OR PLATE</p><p>CLEAN GRAVEL OR AASHTO M-43 # 57 AGGREGATE FILL</p><p>CROSS SECTION</p><p>STANDARD SYMBOL</p><p>⊠ SP</p><p>PLACE 12" BASE OF M-43 # 57 STONE BEFORE INSTALLING STANDPIPE.</p><p>CONSTRUCTION SPECIFICATIONS</p><ol style="list-style-type: none"><li>PIT DIMENSIONS ARE VARIABLE, WITH THE MINIMUM DIAMETER BEING 2 TIMES THE STANDPIPE DIAMETER.</li><li>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.</li><li>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.</li><li>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.</li></ol></div>                                                                                                                                  | <div>STRAW BALE DIKE DETAIL</div> <div><p>STRING BINDER</p><p>UNDISTURBED GROUND</p><p>4" VERTICAL FACE</p><p>BEDDING DETAIL</p><p>BOUND BALES PLACED ON CONTOUR</p><p>ANGLE FIRST STAKE TOWARD THE PREVIOUSLY PLACED BALE</p><p>ENTRANCE BALES A MINIMUM OF 4" INTO THE GROUND</p><p>UNDISTURBED GROUND</p><p>2 REBARS OR 2" x 2" DRIVEN 12" TO 16" INTO THE GROUND STAKES ARE TO BE DRIVEN FLUSH WITH THE TOP OF THE BALES</p><p>ANCHORING DETAIL</p><p>STANDARD SYMBOL</p><p>⊠ SBD</p></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <div>STANDARDS AND SPECIFICATIONS FOR DUST CONTROL</div> <div><ol style="list-style-type: none"><li>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.</li><li>THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE FROM SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.</li><li>THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.</li><li>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.</li><li>FOR WATER APPLICATION TO UNDISTURBED SOIL SURFACES, THE CONTRACTOR SHALL:<ol style="list-style-type: none"><li>APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR,PUMP WITH DISCHARGE PRESSURE GAUGE.</li><li>ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.</li><li>DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 20 PSI (137.8kPa), MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NUISANCE CONDITIONS SUCH AS PONDING.</li></ol></li><li>FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:<ol style="list-style-type: none"><li>APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.</li><li>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.</li><li>APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.</li></ol></li></ol></div> | <div>STANDARD SYMBOLS</div> <div><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></div> | 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 | ⊠                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| <div>SILT FENCE</div> <div><p>SILT FENCE DESIGN CRITERIA</p><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><p>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.</p><p>CONSTRUCTION SPECIFICATIONS</p><ol style="list-style-type: none"><li>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.</li><li>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></li><li>WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS.</li><li>SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BUILDUPS OCCUR OR WHEN SEDIMENT ACCUMULATION REACHES 50% OF THE FABRIC HEIGHT.</li></ol></div> | SLOPE STEEPNESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               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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 | <div>SILT FENCE DETAIL</div> <div><p>10 MAXIMUM CENTER TO CENTER</p><p>36" MIN. LENGTH FENCE POST, DRIVEN A MIN. OF 16"(406 MM) INTO GROUND.</p><p>16" MIN. HEIGHT OF GEOTEXTILE CLASS F</p><p>8" MIN. DEPTH IN GROUND</p><p>WOVEN WIRE FENCE</p><p>PERSPECTIVE VIEW</p><p>36" MIN. FENCE POST LENGTH</p><p>CROSS SECTION</p><p>STANDARD SYMBOL</p><p>⊠ SF</p><p>TOP VIEW</p><p>SECTION A</p><p>SECTION B</p><p>JOINING TWO ADJACENT SILT FENCE SECTIONS</p></div> | <div>SCE CONSTRUCTION SPECIFICATION</div> <div><ol style="list-style-type: none"><li>LENGTH - MIN. OF 50' RAMP x 30' RAMP FOR SINGLE RESIDENCE LOT.</li><li>WIDTH - 10' MINIMUM, SHOULD BE FLARED AT THE EXISTING ROAD TO PROVIDE A TURNING RADIUS.</li><li>GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE.</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li><li>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.</li><li>PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.</li></ol></div> | <div>STABILIZED CONSTRUCTION ENTRANCE DETAIL</div> <div><p>50' MIN.</p><p>3"</p><p>MOUNTABLE BERM (6" MIN)</p><p>EXIST. PAVEMENT</p><p>EARTH FILL PIPE AS NECESSARY</p><p>GEOTEXTILE CLASS 'C' OR BETTER</p><p>CUT OR FILL SLOPE</p><p>EXISTING GROUND</p><p>MIN. 6" OF 2"-3" AGGREGATE OVER LENGTH AND WIDTH OF STRUCTURE</p><p>PROFILE</p><p>50' MIN. LENGTH</p><p>10' MIN. WIDTH</p><p>10' MIN.</p><p>EXISTING PAVEMENT</p><p>10' MIN.</p><p>STANDARD SYMBOL</p><p>⊠ SCE</p><p>PLAN VIEW</p><p>CONSTRUCTION SPECIFICATIONS</p><ol style="list-style-type: none"><li>Seed and cover with straw mulch.</li><li>Seed and cover with Erosion Control Matting or line with sod.</li><li>4" - 7" stone or recycled concrete equivalent pressed into the soil 7" minimum</li></ol></div> | <div>DETAIL 1 - EARTH DIKE</div> <div><p>2:1 SLOPE OR FLATTER</p><p>2:1 SLOPE OR FLATTER</p><p>GRADE LINE</p><p>CUT OR FILL SLOPE</p><p>CROSS SECTION</p><p>DIKE A</p><p>DIKE B</p><p>EXCAVATE TO PROVIDE REQUIRED FLOW WIDTH AT DESIGN FLOW DEPTH</p><p>POSITIVE DRAINAGE SUFFICIENT TO DRAIN</p><p>a-DIKE HEIGHT 18" 30"</p><p>b-DIKE WIDTH 24" 36"</p><p>c-FLOW WIDTH 4' 6"</p><p>d-FLOW DEPTH 12" 24"</p><p>PLAN VIEW</p><p>STANDARD SYMBOL</p><p>⊠ A-2/B-3</p><p>⊠ B-3</p><p>⊠</p><p>FLOW CHANNEL STABILIZATION GRADE 0.5% MIN. 10% MAX.</p><p>1. Seed and cover with straw mulch.</p><p>2. Seed and cover with Erosion Control Matting or line with sod.</p><p>3. 4" - 7" stone or recycled concrete equivalent pressed into the soil 7" minimum</p><p>Construction Specifications</p><ol style="list-style-type: none"><li>All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%.</li><li>Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.</li><li>Runoff diverted from an undisturbed area shall outlet directly into an undisturbed, stabilized area at a non-erosive velocity.</li><li>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.</li><li>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.</li><li>Fill shall be compacted by earth moving equipment.</li><li>All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.</li><li>Inspection and maintenance must be provided periodically and after each rain event.</li></ol></div> |
| SLOPE STEEPNESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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| <div>CURB INLET PROTECTION (COG OR COS INLETS)</div> <div><p>6" MAX. SPACING OF 2" x 4" SPACERS</p><p>3/4" - 1 1/2" STONE</p><p>2" x 4" SPACER</p><p>2" x 4" WEIR</p><p>WIRE MESH</p><p>2" x 4" WEIR</p><p>MAX. DRAINAGE AREA = 1/4 ACRE</p><p>2' MINIMUM LENGTH</p><p>2" x 4" WEIR</p><p>SANDBAG OR ALTERNATE WEIGHT</p><p>3/4"-1 1/2"</p><p>2" x 4" SPACER</p><p>STONE</p><p>FILTER CLOTH</p><p>WIRE MESH TO STORM DRAIN</p><p>STANDARD SYMBOL</p><p>⊠ CIP</p></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <div>CURB INLET PROTECTION NOTES</div> <div><p>CONSTRUCTION SPECIFICATIONS</p><ol style="list-style-type: none"><li>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</li><li>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.</li><li>SECURELY NAIL THE 2"x4" WEIR TO A 9" LONG VERTICAL SPACER TO BE LOCATED BETWEEN THE WEIR AND THE INLET FACE (MAX. 4' APART).</li><li>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.</li><li>THE ASSEMBLY SHALL BE PLACED SO THAT THE END SPACERS ARE A MIN. 1' (0.31 m) BEYOND BOTH ENDS OF THE THROAT OPENING.</li><li>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.</li><li>THIS TYPE OF PROTECTION MUST BE INSPECTED FREQUENTLY AND THE FILTER CLOTH AND STONE REPLACED WHEN CLOGGED WITH SEDIMENT.</li><li>ASSURE THAT STORM FLOW DOES NOT BYPASS THE INLET BY INSTALLING A TEMPORARY EARTH OR ASPHALT DIKE TO DIRECT FLOW TO THE INLET.</li></ol></div> | <div>DETAIL 23B - AT GRADE INLET PROTECTION</div> <div><p>3/4" - 1 1/2" STONE</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"</p><p>6"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