

LIST OF ABBREVIATIONS

AB ANCHOR BOLT
 A/C AIR CONDITIONING
 ACT ACOUSTICAL CEILING TILE
 ADJ ADJUSTABLE
 AFF ABOVE FINISHED FLOOR
 AP ACCESS PANEL
 BD BOARD
 BIT BITUMINOUS
 BKG BLOCKING
 BLDG BUILDING
 BM BEAM
 BOP BOTTOM OF FOOTING
 BR BRICK
 BRG BEARING
 C COURSE
 CAB CABINET
 CFM CUBIC FEET PER MINUTE
 CI CAST IRON
 CLG CEILING
 CMU CONCRETE MASONRY UNIT
 COL COLUMN
 CONC CONCRETE
 CONT CONTINUOUS
 CPT CARPET
 CT CERAMIC TILE
 CTR CENTER
 DBL DOUBLE
 DEM DEMOLITION/DEMOLITION
 DET DETAIL
 DH DOUBLE HUNG
 DIA DIAMETER
 DIM DIMENSION
 DN DOWN
 DR DOOR
 DS DOWN SPOUT
 DWS DRAWING
 EA EACH
 EL ELEVATION
 ENCL ENCLOSURE
 EQ EQUAL
 EQPT EQUIPMENT
 EX EXISTING
 EXP EXPANSION
 EXT EXTERIOR
 FBGL FIBERGLASS
 FD FLOOR DRAIN
 FCN FOUNDATION
 FF FLOOR FACE
 FN FINISH
 FL FLOOR
 FLS FLASHING
 FCM FACE OF MASONRY
 FS FULL SIZE
 FT FOOT OR FEET
 FTG FOOTING
 FUR FURRING
 GA GAUGE
 GALV GALVANIZED
 GC GENERAL CONTRACTOR
 GL GLASS
 GR GRACE
 GTR GUTTER
 GWS GYPSUM WALL BOARD
 HS HOSE BIB
 HC HANDICAP
 HD HEAD
 HDR HEADER
 HDW HARDWARE
 HGR HANGER
 HGR HORIZONTAL
 HT HEIGHT
 HTG HEATING
 HVAC HEATING VENTILATING AND AIR CONDITIONING
 HW HOT WATER
 HWD HARDWOOD
 ID INSIDE DIAMETER
 IS INSULATION
 INT INTERIOR
 JB JAMB
 JOI JOIST
 KIT KITCHEN
 LAM LAMINATED
 LAV LAVATORY
 LBS POUNDS
 LH LEFT HAND
 LT LIGHT
 MAS MASONRY
 MAX MAXIMUM

MECH MECHANICAL
 MEMB MEMBRANE
 MFR MANUFACTURER
 MIN MINIMUM
 MISG MISCELLANEOUS
 MLD HOLDING
 MO MASONRY OPENING
 MTD MOUNTED
 MTL METAL
 NO# NUMBER
 NTS NOT TO SCALE
 OC ON CENTER
 OD OUTSIDE DIAMETER
 OPS OPENING
 OPP OPPOSITE
 PC PRECAST CONCRETE
 PL PLATE
 PLMT PLASTIC LAMINATE
 PLAS PLASTER
 PNL PANEL
 PNT PAINT
 PPK PAIR
 PWF POUNDS PER SQUARE FOOT
 PSI POUNDS PER SQUARE INCH
 PVC POLYVINYL CHLORIDE
 PLY PLYWOOD
 R RISER
 RAD RADIUS
 RD ROOF DRAIN
 REBAR STEEL REINFORCING BAR
 REC RECESSED
 REFR REFRIGERATOR
 REIN REINFORCED
 REQ REQUIRED
 REV REVERSE
 REF REFERENCE
 RFG ROOFING
 RH RIGHT HAND
 RI ROOF
 RO ROUGH OPENING
 RTG RATING
 SCD SCHEDULE
 SECT SECTION
 SF SQUARE FOOT
 SH SHEET
 SHL SHILAR
 SLP SHOOT LUMBER COMPANY DESIGNATION
 SPEC SPECIFICATION
 SPKR SPEAKER
 SQ SQUARE
 SR SHELF AND ROD
 STD STANDARD
 STL STEEL
 STR STRUCTURE
 SUP SUPPLEMENT
 SYS SYSTEM
 T TREAD
 TG TONGUE AND GROOVE
 TEL TELEPHONE
 TFP TYPED
 THK THICK
 TOP TOP OF FOOTING
 TOW TOP OF WALL
 TV TELEVISION
 TYP TYPICAL
 UN UNLESS OTHERWISE NOTED
 VB VAPOR BARRIER
 VCT VNTL COMPOSITION TILE
 VERT VERTICAL
 VT VNTL TILE
 W WITH
 WD WOOD
 WN WINDOW
 WO WITHOUT
 WP WATERPROOFING
 WR WATER RESISTANT
 WSC WAINSCOT
 WT WEIGHT
 WLF WELDED WIRE FABRIC

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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 & ARCHITECT 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 MANUFACTURER'S SPECIFICATIONS.

JOB SITE SHALL BE KEPT IN A CLEAN AND ORDERLY FASHION AT THE END OF EACH DAY'S WORK.

ALL WARRANTIES, GUARANTEES AND MANUFACTURER'S INSTRUCTIONS SHALL BE PRESENTED TO THE HOMEOWNER IN A COMPLETE AND ORDERLY MANNER AT THE CONCLUSION OF CONSTRUCTION.

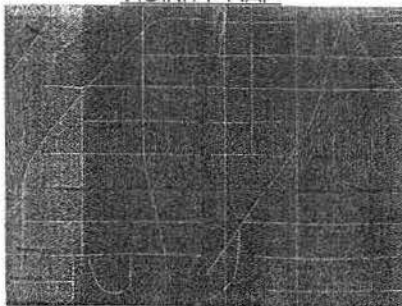
ALL WORK PERFORMED SHALL BE EXECUTED TO GREATER THAN STANDARD BUILDING QUALITY.

THE ARCHITECT 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 CONNECTIONS 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 APPROVED 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.

VICINITY MAP



CODE ANALYSIS

2000 International Residential Building Code for One and Two Family Dwellings with District of Columbia Code Supplements of 2003

USE GROUP: R
 CONSTRUCTION TYPE: COMBUSTIBLE, WOOD FRAME

SPRINKLER SYSTEMS

ALL SINGLE FAMILY DWELLINGS TO BE SPRINKLERED PER LOCAL JURISDICTION RULES IN ASSOCIATION WITH NFPA 13D SYSTEM REQUIREMENTS.

ALL WATER PRESSURE REQUIREMENTS FOR SPRINKLER SYSTEMS DESIGNED, WILL BE TESTED AND CHECKED TO BE IN ACCORDANCE WITH DESIGN SYSTEM NEEDS AND REQUIREMENTS AND ARE THE RESPONSIBILITY OF OTHERS.

BUILDER

Gibson Builders, LLC
 5185 MacArthur Blvd. Suite 210
 Washington, DC 20016
 PHONE: 202-364-1555

SQUARE FOOTAGE CALCULATIONS

BASEMENT (FINISHED) = 425 SQ. FT.
 FIRST FLOOR = 1060 SQ. FT.
 SECOND FLOOR = 1030 SQ. FT.
 MEZZANINE = 430 SQ. FT.

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Board of Zoning Adjustment
 District of Columbia
 CASE NO. 18622
 EXHIBIT NO. 10

Studio Z Design Concepts, LLC

6150 Woodmont Ave.
 Bethesda, Maryland 20814
 301-661-4391 Fax 301-661-1192

STUDIO



DESIGN CONCEPTS

The Gibbons Residence

4301 16th Street, NW
 Washington, DC

182745
 974281

Karen Lee
 Acting Review Director
 Planning Department

COVER

- The Gibson**
4301 16th
Washing
- FOUR MAN
Swing Review System
Building Services
Project Manager**
- GN-1**
OF

required by the manufacturer. Nails to be spaced 3" from the top and bottom of the beams. Builder to coordinate rough openings for structural and local requirements. (10) Use "Simpson" Strong Tie structural wood connectors for all structural connections at post to beam connections, post anchors, and flush floor framing conditions.

(11) Contractor/interior shall provide required bracing including strut, bracing, cross bracing for bottom chord bracing, bottom chord restraint, and eave bracing. Use IRC Table 602.3 for nailing schedule in Chapter 6. (12) In accordance with the code required live loads, all floor sheathing shall be APA rated. Floor sheathing shall be tongue and groove plywood or approved sheathing rated as required for the floor joist spacing, laid over 2 or more supports, continuously with face grain perpendicular to support direction. Sheathing shall be glued and screwed to underlying supports to performance specifications AF&G-02, exposure 1 sheathing is required.

Roof sheathing shall be standard APA rated sheathing with long dimension perpendicular to supports, span rated for 32/0 Exposure 1, min. thickness 3/8" (3/4"). Contractor shall use panel clips w/ 6" o.c. nailing to help support edges of all sheathing panels. Nail sheathing to trusses with 8d nails at 6" o.c. at sheet edges and 12" o.c. at intermediate trusses. Recommended fasteners shall be fasteners as manufactured by Advantech or equivalent. (13) Pre-assembled wood stairs including stair rails and landings plus all connections shall be designed, fabricated, and installed in accordance with all requirements of all pertinent codes and local regulations. Stair stringers shall provide support for clear span load from top to bottom bearing points.

(14) All exterior structural wood members, wood located within 8' of grade, shall be Southern Yellow Pine #2, pressure treated to resist decay and insect infestation.

(15) Selection of decking for outside decks is the responsibility of others. Deflection on decks shall not exceed 1/360 of the deck span permitted. Decking shall be joist with minimum 24 common galvanized. See deck detail sheet for additional information.

(16) Provide draft-stopping in accordance with IRC Section B202.2. Maximum areas shall not exceed 1600 square feet.

(17) Window sills shall be a minimum 2" common galvanized.

(18) All M-series or other wood beams may not be notched in any way without prior authorization.

(19) Provide all blocking in walls, floors, and ceiling for cabinetry, stair railings, handicapped items, plus any and all specified interior items. Contractor shall coordinate as required.

(20) All exterior wall coverings shall comply with IRC Section R-103.

R. BRICK VENEER
(1) All masonry veneer shall be installed in accordance with IRC code Section 103.1. Provide backup rod between masonry to wood connections. (2) Use non-shrinking masonry mortar not less than 72 lbs. bags of 70# cementation. Each tile shall be spaced not more than 24" on center and 16" vertically fastened directly to the wood studs with 8d nails and support not more than 3 1/4" square feet of wall area. When installed over wood studs, the studs shall be spaced a maximum of 16" o.c. Provide approved felt paper over sheathing prior to fastening masonry ties. (3) Provide minimum 1" air space between backing and the brick veneer. (4) Provide water vapor barrier per IRC Section R-103.1. (5) All masonry fireplaces/chimney construction will be in accordance with IRC Chapter 10 and fireplace spec. sheet within Architectural Drawings.

B. INSULATION
(1) All construction will be in accordance with the latest IRC model energy code requirements. Minimum insulation values shall be as follows:

(2) Exterior walls: 2x4 = R-13 batt insulation

(3) Exterior walls: 2x6 = R-15 batt insulation

(4) Floor Assemblies: R-30 batt insulation

(5) Perimeter Slabs: R-1 rigid insulation

(6) All exterior doors, solid core or metal insulated

(7) All glazing: double insulated with U values as required

(8) Roof: R-30 batt insulation or blown in cellulose as allowed

(9) Air Infiltration: Fill all cracks, construction holes, loose joints, and spaces in rough framing and masonry with approved foam sealant, backer rod, or similar sealant.

(10) All pipes and vent stacks in exterior walls shall be insulated.

(11) Install prefabricated fireplaces and chimney assemblies as required by manufacturer's recommendations and per IRC chapter 10.

(12) Provide fire-stopping to cut off all concealed draft openings within all soffits at ceilings for duct work and plumbing stacks, ducts and flues penetrating through floor/ceiling assemblies. Adhere to the design criteria within these specifications.

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(B) When glass is above conditioned interior spaces, footing drains shall be 4" diameter perforated pipe set in 6" minimum, 3/4" gravel fill and drain down and up to the exterior wall, covered with filter paper and 6" gravel fill. No footing drains are required when glass is below slabs. (C) Roofing: Provide fiberglass, asphalt, or other approved composition shingles. (D) Roofing material used shall be coordinated with client/owner/contractor. Provide water-proofing prior to rough in. (E) 15# felt applied as required in IRC Section B02. Provide ice-damming membrane to 74" above gutter line on all roofs and up and down all valleys. Provide continuous ice-damming membrane on all roof surfaces with slopes less than 3:12 units in 12. (F) All roof slopes less than 3 units in 12, provide 2 layers of 15# felt paper. (G) All roof slopes less than 2 units in 12, provide self-sealing rubber roof membrane installed in a continuous sheet and as per manufacturer's written specifications and requirements. Asphalt shingles will be fastened as per IRC Section R302. Asphalt shingles will be applied in accordance with manufacturer's written instructions. Cedar shake roofing shall be installed per manufacturer's specifications and written instructions. Cedar shakes shall be fastened as per IRC Chapter 8. Use mesh underlayment as recommended by roofing manufacturer or installer. All roofing will have continuous drip edging at all overhangs, typically. (H) Flashing shall be installed on all exterior vertical surfaces will be by the flashing method. Vertical flashing dimension will not be less than 18" above the adjacent roofing surface. If vertical surface is masonry laid in flashing minimum 1/2" and sealed tight with roof tar/urethane. (I) All air intakes for air conditioning shall be installed as required by local jurisdiction. Provide removable panel as required and finish interior face consistent with adjacent spaces. (J) Provide insulated tempered safety glazing as required in IRC Section 308. This includes all exterior door assemblies and adjacent sidelights, above bathing tubs, window shades less than 18" above the finished floor and more than 9 square feet within each sash and window shades that shall be installed in accordance with IRC Section 308.4 for hazardous glazing locations. All lower levels/cellars will have a means of egress per latest IRC 4-01 egress standards. All bedrooms in any level of structure will have at least one approved egress window. Coordinate with window manufacturer and local jurisdiction for any amendments. (K) Damp-proof all exterior foundation walls below grade as per local codes from above grade to bottom of footing. (L) It is recommended that all drywall at lower level/below grade areas be "moisture resistant" type. Contractor to be responsible for proper installation.

U. VENTILATION
(1) Attics shall be vented with continuous soffit venting (min 3" wide) and continuous ridge venting. See overhang details. All soffit vents will be fitted with insect screening on the interior. (2) Attic ventilation shall be 1/50th of the second floor area or 1/50th of the total volume of the attic space if located in the attic space and at least 3'-0" above eave or cornice vents. Adhere to IRC Section R 806. (3) All interior bedrooms will be equipped with mechanical exhaust fan. (4) Dryer vents and kitchen exhausts shall be vented to the exterior in an appropriate manner, in accordance with IRC Code, Chapter 10. (5) New basements all have PVC pipe installed from above sump pump to thru the roof for ventilation of radon if detected. Please note that the contractor will follow all local, state, and federal guidelines with regards to ventilating radon. (6) All interior prefabricated gas or wood-burning fireplaces all be installed in strict accordance of manufacturer's written specification. Provide appropriate recommended clearances for firebox, flues, and termination caps above the required chimney height. Vent exhaust as required. See IRC Section M 308.5.

V. PLUMBING NOTES
(1) All plumbing will be in compliance with National Plumbing Code Guidelines, latest edition as approved by local jurisdiction. All plumbing systems shall be completed in place, tested and approved, as shown on these docs. Gas piping shall conform to NFPA 54. (2) Plumbing contractor shall provide design for permits as required by local jurisdictions. Provide access panels as required for all tanks installed. (3) All thru vent stacks will terminate a minimum 6" above roofing surfaces. Flash VTR as required. (4) Sump Pumps will be provided during construction as required to control surface water, and after construction as a permanent means of controlling underground water. Pump size and location to be determined by others. Provide battery back up for all sump pumps. Provide grade girder drains. (5) All ceiling lights shall comply with IRC Section R-302.5.

W. HVAC
(1) Architect is not responsible for the design or specifications of any mechanical systems within the house. All systems will be installed in accordance with the latest applicable energy codes, state, local, and national fire protection and life safety codes. Any items or requirements noted herein or on the drawings in excess of code requirements and permitted under the code shall take preference. (2) The contractor shall examine the premises and observe site conditions where the work is to be done. The contractor will design and prepare drawings of the intended system to be installed. Contractor shall be responsible for all design analysis based on square footage and amounts of glazing to be installed. (3) All equipment will be tested as to airflow, temperature balancing, vibration, and proper function of all dampers, thermostats, and controls. Provide condensable lines to interior drain lines as required by system. Contractor to coordinate. (4) All ceiling lights shall comply with IRC Section R-302.5.

X. ELECTRICAL
(1) All work will comply with the National Electrical Code, latest approved edition. Any items or requirements noted herein or on the drawings in excess of code requirements and permitted under the code shall take preference. Contractor is responsible for coordinating all power requirements to house appliances, HVAC, and plumbing/mechanical systems. (2) The contractor shall examine the premises and observe site conditions where the work is to be done. The contractor will design and prepare drawings of the intended system to be installed. Contractor shall be responsible for all design analysis based on anticipate system loads. (3) Provide smoke detector within each bedroom, one in the basement, one in the kitchen, and at the upper most floor hallway containing sleeping rooms. Provide a carbon monoxide detector at the top of new or existing basement stairways. (4) Electrical drawings produced by Architect are a diagrammatic representation of the intended work. Final fixture placement will be

appropriate parties prior to rough in. All GFI outlets will be located and meet applicable code guidelines. All outlets above countertops will be located 3' above backsplashes mounted vertically. Confirm dryer and appliance receptacle types prior to rough in. All cables used shall be provided with full size ground. Provide category 5 phone lines, typically. Provide ground rod and 10 bare copper ground for TV and phone service. Confirm mounting heights of appliances prior to rough in. (5) Contractor will be responsible for obtaining all permits as required. If proposed work is a renovation, contractor will evaluate existing services and propose recommendations. (6) All recessed lights shall be Lightstar or equal and be approved for intended installation. Provide concealed rough-in kit designed for insulated areas per code requirements. All recessed lights installed at tub or shower locations will be vapor proof as allowed by codes.

Y. FINISHES & SPECIFICATIONS
(1) All exterior painted surfaces shall be primed and caulked tight. Provide 2 finished coats on all trim, horizontal siding, windows, and foundation walls to grade. All exterior surfaces shall receive 1 prime coat and 2 finish coats. Provide semi gloss alkylid finish on all interior and exterior trim. Provide medium resistant paint within all bathrooms and laundry room. Paint all windows and other materials in strict accordance with written manufacturer's specifications and instructions. All steel angles exposed to the exterior shall be completely primed prior to installation. Caulk all joints tight and apply a finish coat of rust and corrosion resistant paint. See interior specification sheet for additional information or as selected by client/owner. All cut edges at exterior wood trim shall be primed prior to installation. Back-prime all exterior trim, typically. (2) Interior Trim & Molding: See interior specification sheet for additional information or as selected by client/owner. (3) All hardware at doors and windows will be as selected by client/owner. (4) All gutters will be 6" aluminum with 3x4 downspouts, minimum. UCON. All gutters and downspouts shall be sized according to volume of water volume of field verify for proper capacity. Provide splash blocks as required. (5) Floor Finishes: Flooring finishes shall be selected by client/owner and installed as per manufacturer's written specs and instructions. See interior specification sheet for additional information. (6) Final Kitchen plans will be designed by others. Builder will install as required. Provide all power necessary for selected appliances and fixtures. (7) Built-in cabinets and shelving will be designed by others. Provide medium 1 rod and shelf in all closets. Provide shelving as specified in linen closets. (8) Electrical Selections: See interior specification sheet or as selected by client/owner. (9) Appliance Selections: See interior specification sheet or as selected by client/owner. (10) Countertop Selections: See interior specification sheet or as selected by client/owner. (11) Ceramic Tile Selections: See interior specification sheet or as selected by client/owner. (12) Plumbing Selections: See interior specification sheet or as selected by client/owner. (13) HVAC Selections: See interior specification sheet or as selected by client/owner. (14) Landscaping Selections: See interior specification sheet or as selected by client/owner.

Z. SPRINKLER SYSTEM
(1) Fire suppression system will be installed in all applicable structures in strict accordance with local jurisdiction requirements. Use NFPA 13C system. All pressure tests will be conducted to assure proper water supply pressures for designed system. Final design of fire suppression system will be the responsibility of a licensed engineer engaged in the appropriate jurisdiction.

RECEIVED
D.C. OFFICE OF ZONING

2013 JUN 13 PM 1:02

DATE	SUBMISSION
7/2/06	Pre-Permit Set
8/12/06	Permit Set
DATE	REVISION

Studio Z Design Concepts, LLC
8120 Woodhurst Ave.
Suite 1050
Bethesda, Maryland 20814
301-951-4391 Fax 301-951-1913



The Gibbons Residence
4320 16th Street, NW
Washington, DC
John Lee
Building & Design
Building Division

Project Number
GN-2
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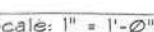
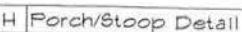
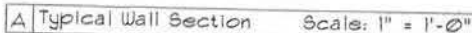


1. WALLS ARE DESIGNED FOR A 100FPS SURCHARGE.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60
3. CONCRETE DESIGN STRENGTH IS 3000PSI.
4. FOR WALLS WHERE H IS 4'-0" OR LESS PROVIDE 8" THICK WALL
FULL HEIGHT WITH REINFORCEMENT INSIDE FACE ONLY.
5. PROVIDE EXPANSION JOINTS @ 100'- AND CONTROL JOINTS @
20'-0" TYPICAL

2013 JUN 13 PM 1:02



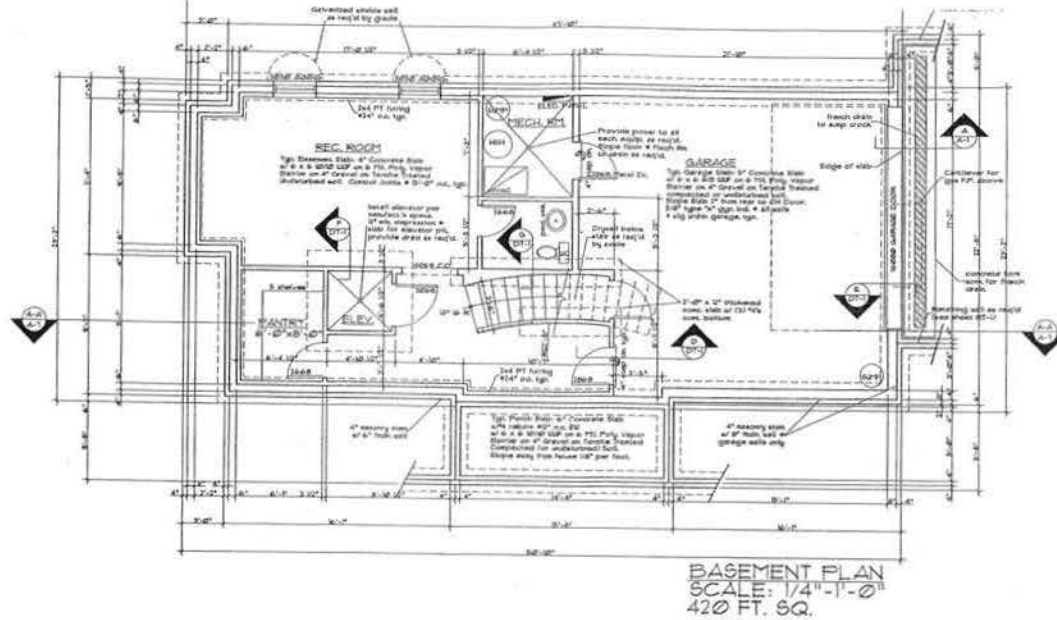
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DT-1
OF 4

DT-1

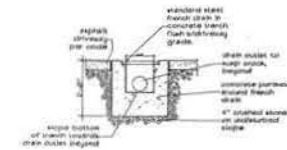
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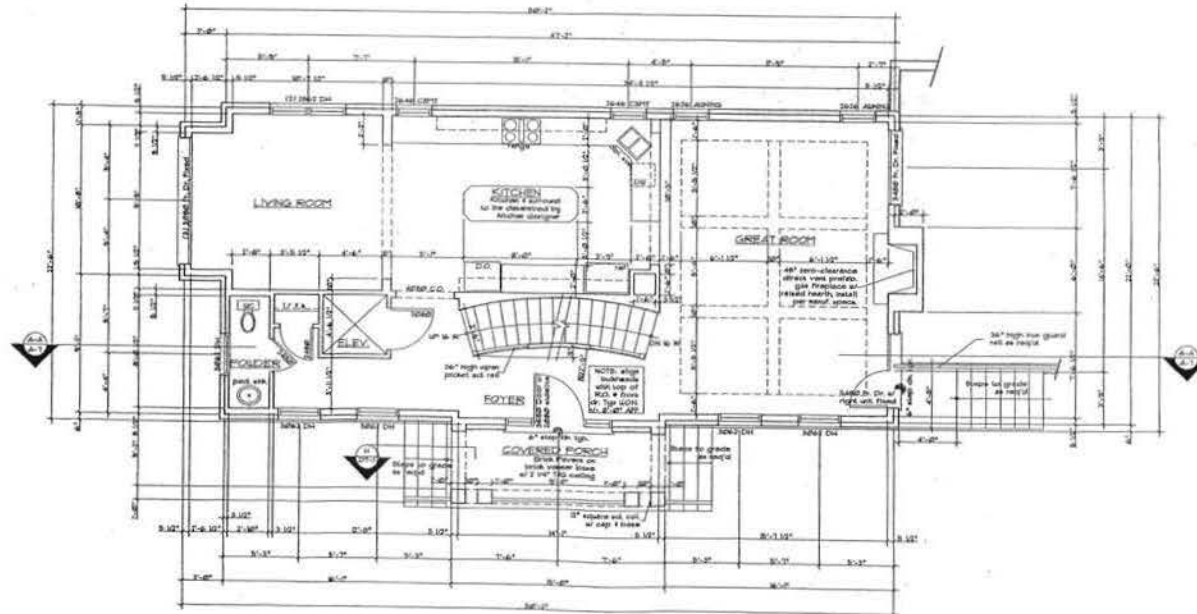


BASEMENT PLAN
SCALE: 1/4"=1'-0"
420 FT. SQ.

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2013 JUN 13 PM 1:03



A- FRENCH DRAIN
SCALE: 1/2"=1'-0"



FIRST FLOOR PLAN
SCALE: 1/4"=1'-0"
1095 FT. SQ.

DATE	SUBMISSION
6/2/06	Design Develop
5/23/06	Pre-Permit Set
9/13/06	Permit Set
DATE	REVISION

Studio Z Design Concepts, LLC
8120 Woodmont Ave.
Suite 200
Bethesda, Maryland 20814
301-961-4391 Fax 301-961-1913

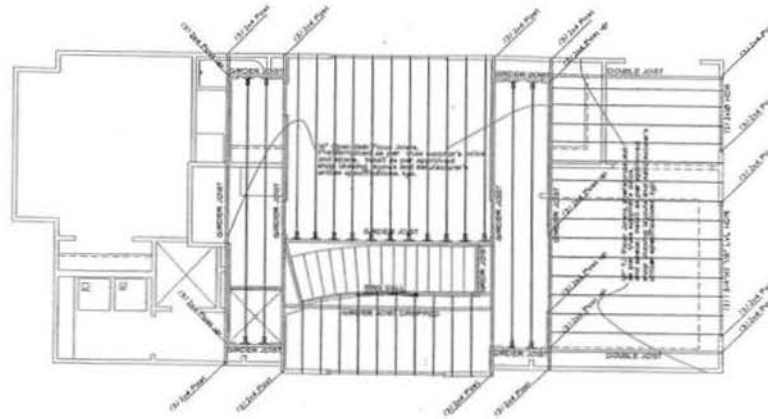


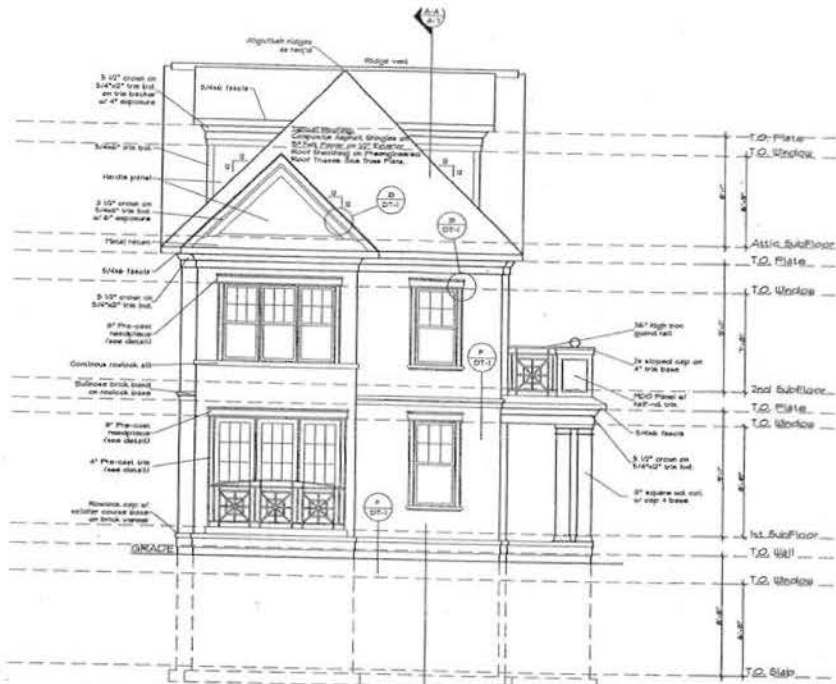
The Gibbons Residence
4301 16th Street, NW
Washington, D.C.

Exam Mac
Sealing Review Branch
Sealing Division



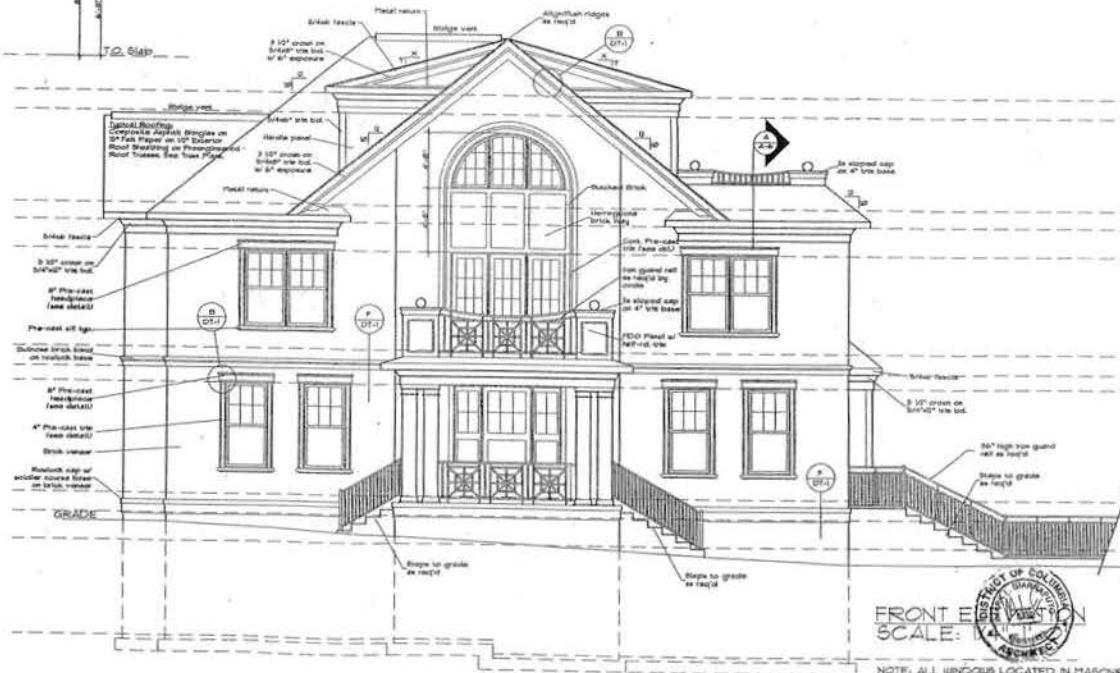
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A-1
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LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"

NOTE: ALL WINDOWS LOCATED IN MASONRY
OR WITH SHUTTERS TO HAVE STANDARD
BRICK HOLDING, NOT 5/4X6 TRIM



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

NOTE: ALL WINDOWS LOCATED IN MASONRY
OR WITH SHUTTERS TO HAVE STANDARD
BRICK HOLDING, NOT 5/4X6 TRIM

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DATE	SUBMISSION
5/2/06	Design Develop
7/2/06	Pre-Permit Set
9/12/06	Permit Set
DATE	REVISION

Studio Z Design Concepts, LLC

8120 Woodmont Ave.
Suite 200
Bethesda, Maryland 20814

301-951-4391 Fax: 301-951-1913



The Gibbons Residence

4301 16th Street, NW
Washington, DC

Lead-Set
Building Review Branch
Planning Division
Project Number

A-5

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9/12/06	Permit Set
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Studio Z Design Concepts, LLC

8120 Woodmont Ave.
Suite 950
Bethesda, Maryland 20814

301-951-4391 Fax 301-951-1913

STUDIO
Z
DESIGN CONCEPTS

The Gibbons Residence

4301 16th Street, NW
Washington, DC

Loan Mac
Foreign Service Branch
Swing Division

Project Number

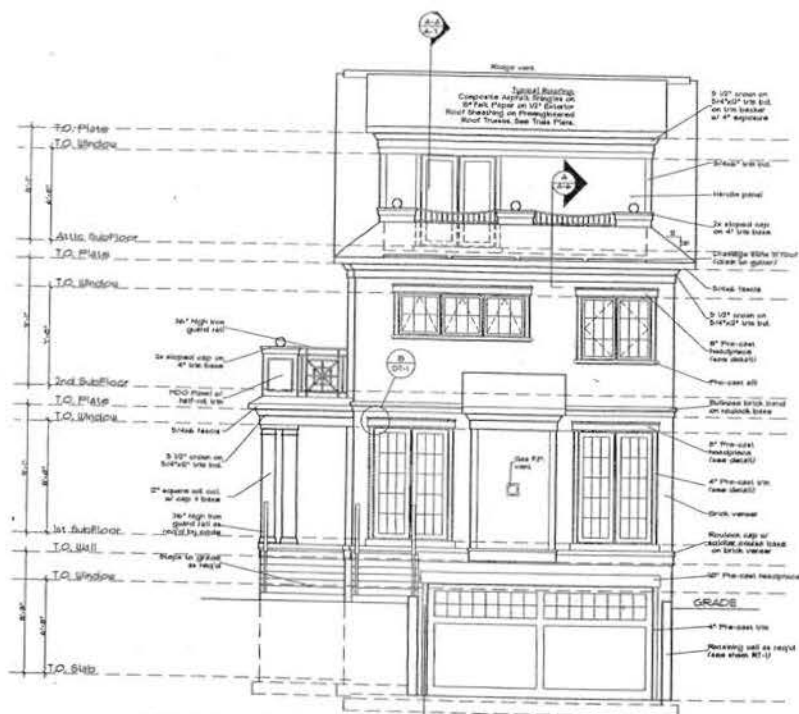
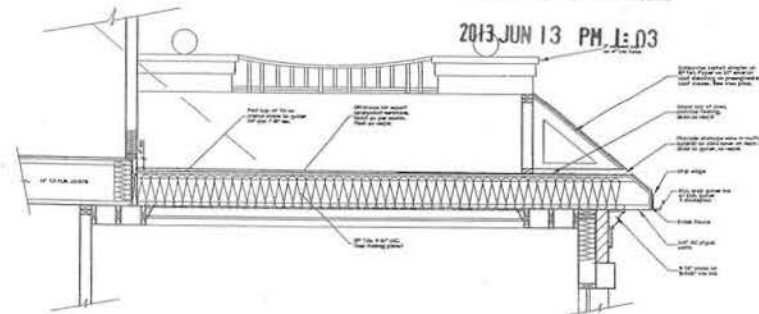
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DE

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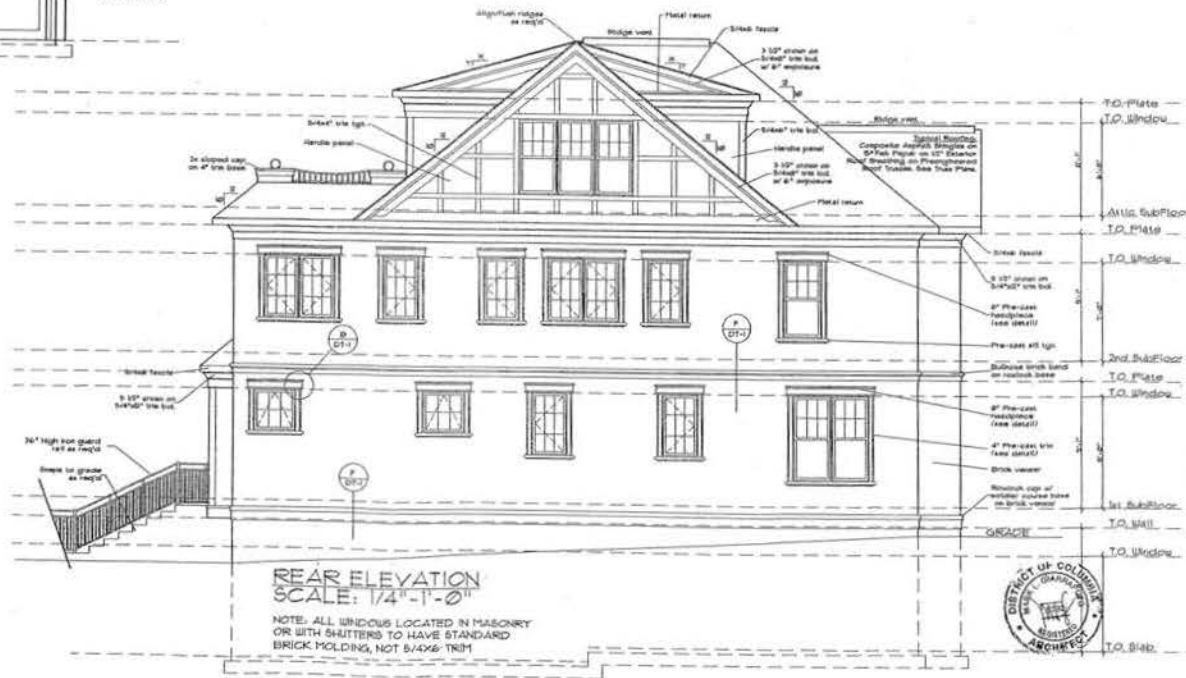
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2013 JUN 13 PM 1:03



RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"

NOTE: ALL WINDOWS LOCATED IN MASONRY
OR WITH SHUTTERS TO HAVE STANDARD
BRICK MOLDING, NOT 5/4X6 TRIM



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

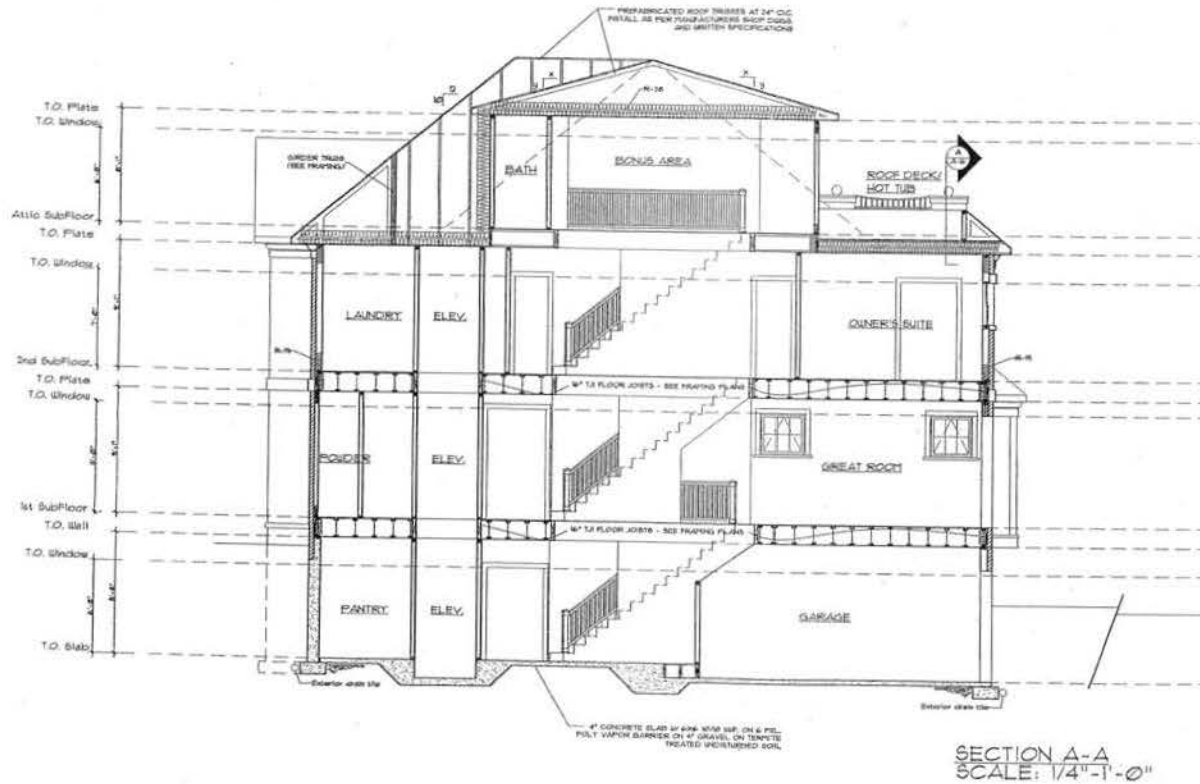
NOTE: ALL WINDOWS LOCATED IN MASONRY
OR WITH SHUTTERS TO HAVE STANDARD
BRICK MOLDING, NOT 5/4X6 TRIM



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DC OFFICE OF ZONING

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DATE	SUBMISSION
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9/13/06	Permit Set
DATE	REVISION



Studio Z Design Concepts, LLC
8120 Woodmont Ave.
Suite 100
Bethesda, Maryland 20814
301-951-4391 Fax 301-951-1913

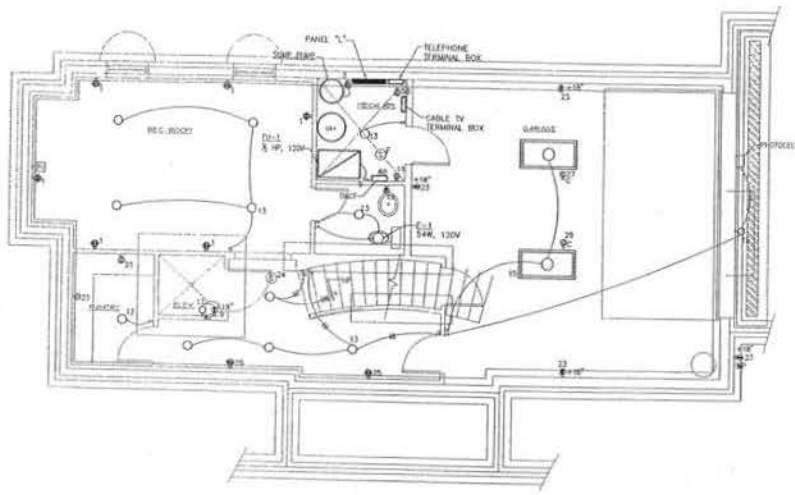


The Gibbons Residence
4501 16th Street, NW
Washington, DC

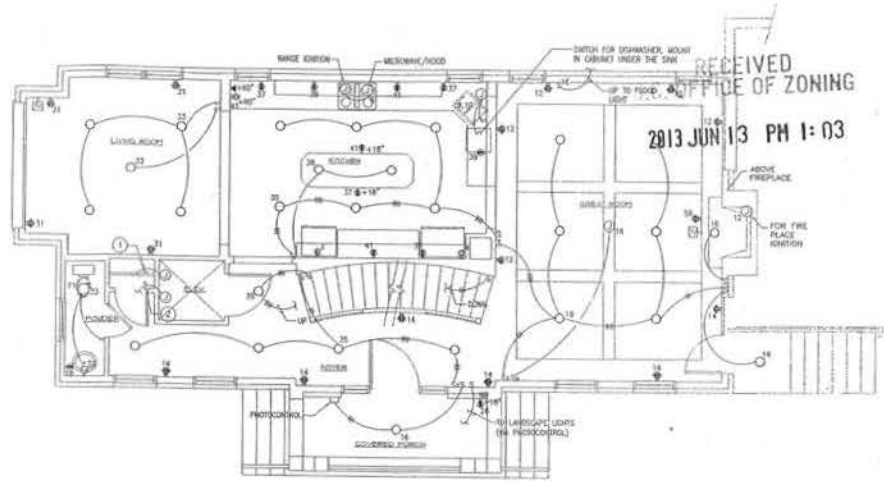
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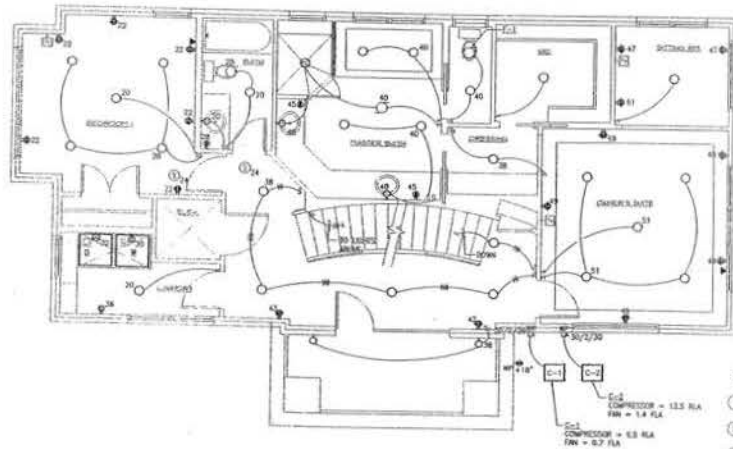
Zone E20
Residential Medium Density
Single Detached



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



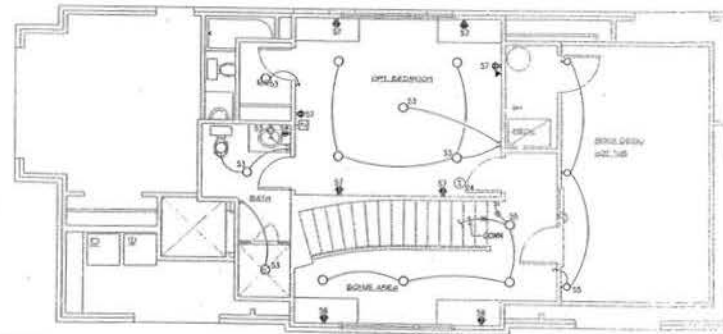
FIRST FLOOR PLAN - ELECTRICAL
SCALE 1/4" = 1'-0"



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

REFERENCE NOTES

1. LOCATE AT IMPROVE OF OUR TRAVEL FOR GAS LIGHTING AND FAN, EXTEND TO MACHINE ROOM.
2. LOCATE AT IMPROVE OF OUR TRAVEL, EXTEND TO TELEPHONE BOARD FOR CONNECTION TO ONE SPEAKER.
3. PROVIDE PUMPER TO ALL KITCHEN APPLIANCES AS REQUIRED.
4. LIGHTING FIXTURES SELECTED BY CLIENT/CONTRACTOR.



MEZZANINE FLOOR PLAN - ELECTRICAL
SCALE 1/4" = 1'-0"



DATE	SUBMISSION
W1206	PERMIT SET
DATE	REVISION

Studio Z Design Concepts, LLC

8120 Woodmont Ave.
Bethesda, Maryland 20814

301-851-4391 Fax: 301-851-1913



The Gibbons Residence

4321 16th Street, NW
Washington, DC

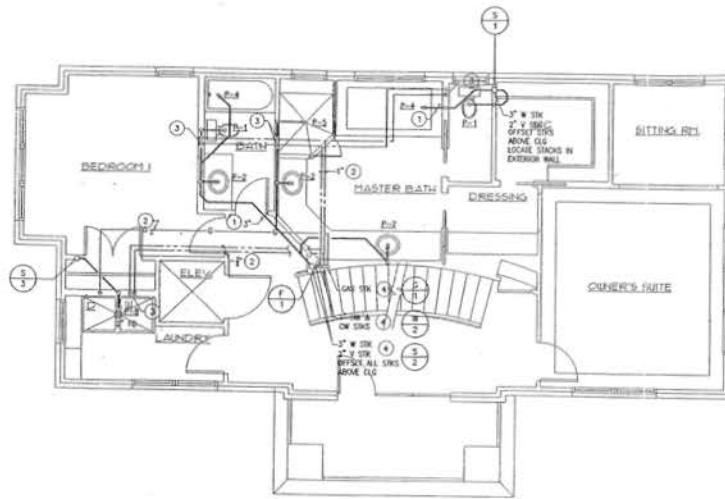
John M. M.
Senior Reviewer
Building Division

Project Number

E-2

OF

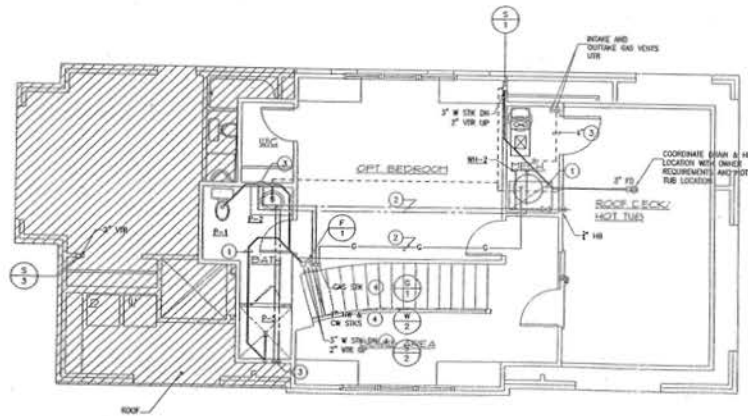
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SECOND FLOOR PLAN
SCALE 1/4" = 1'-0"

REFERENCE NOTES

- ① PIPES BELOW FLOOR.
- ② PIPES ABOVE CEILING BETWEEN/THROUGH JOISTS.
- ③ PIPES IN CHASE/WALL DOWN TO FLOOR.



MEZZANINE FLOOR PLAN
SCALE 1/4" = 1'-0"

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5/12/06	PERMIT SET
DATE:	REVISION

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8120 Woodmont Ave.
Suite 950 20814
Bethesda, Maryland

301-951-4391 Fax 301-951-1913



The Gibbons Residence

4301 Main Street, NW
Washington, DC

Xuan Mao
Zoning Review Branch
Zoning Division

THE GENERAL LAYOUT OF THE GAS PIPING AND/OR PLUMBING SYSTEMS, ROOM, SCHEDULE AND DRAIN SHOWN ON THESE DRAWINGS HAS BEEN REVIEWED FOR COMPLIANCE WITH THE APPLICABLE PROVISIONS OF THE D.C. CONSTRUCTION CODES AND IS APPROVED BY THE D.C. DEPARTMENT OF THE ENVIRONMENT.

CTA
CONSULTING
ENGINEERS
MECHANICAL • ELECTRICAL • PLUMBING
230 N. Washington Street, Suite 204, Rockville, MD 20850
T: (301) 762-7072 F: (301) 762-7074
http://www.ctaengineers.com ctaengineers.com
Pw. No. 1995



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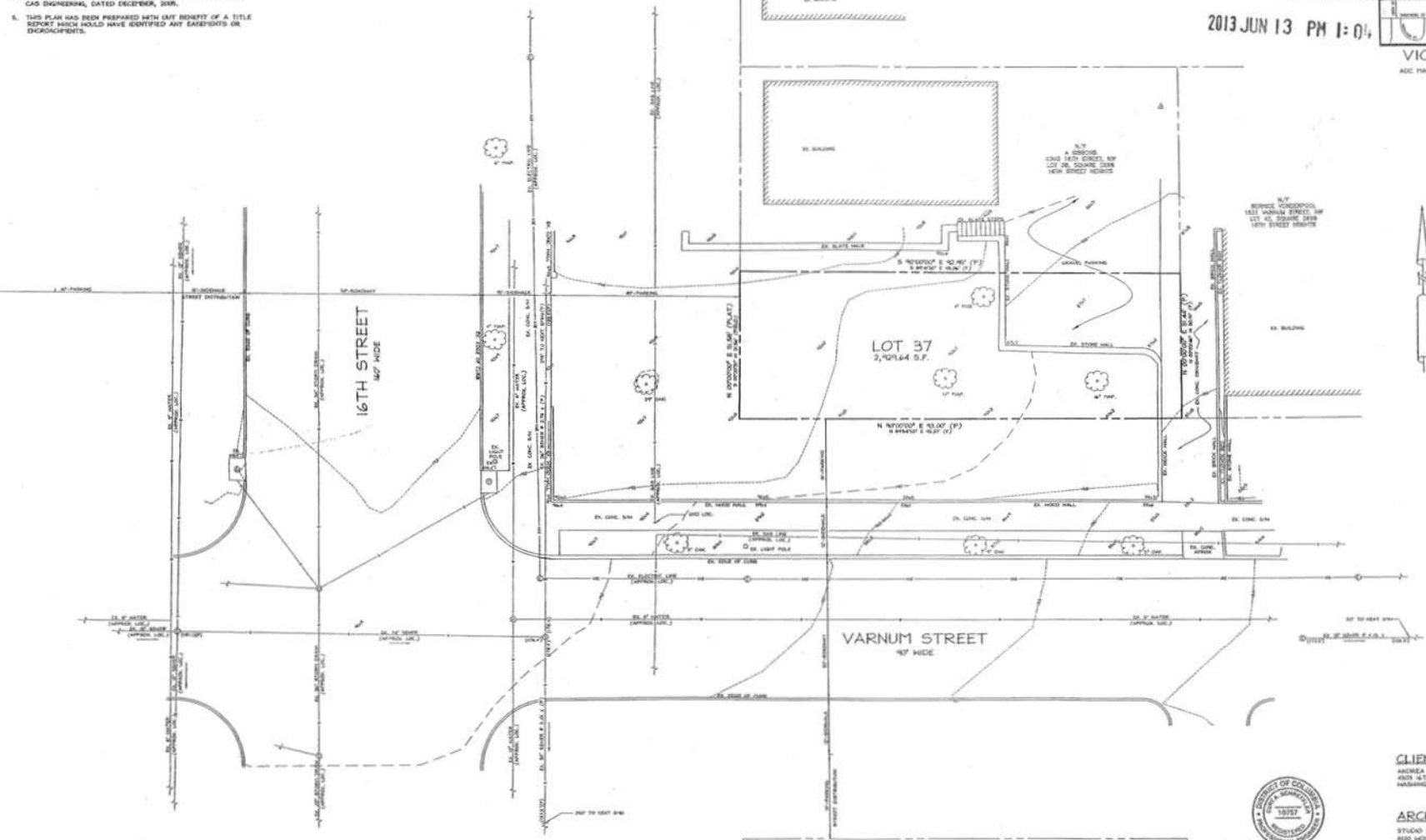
GENERAL CONSTRUCTION NOTES

1. INDICATED EXISTING SPOT ELEVATIONS. (DATA IS ASSURED)
DISTINGUISHING CONTOUR
2. TOPOGRAPHIC SURVEY BY CAS ENGINEERING DATED DECEMBER 2006.
3. ZONING: R-1-B
FRONT B.U.L. = 15' 0"
REAR B.U.L. = 25' 0"
SIDE B.U.L. = 8' 0" EACH
4. BOUNDARY INFORMATION BASED ON A SURVEY PERFORMED BY CAS ENGINEERING, DATED DECEMBER, 2006.
5. THIS PLAN HAS BEEN PREPARED WITH THE BEST OF A TITLE REPORT WHICH SHOULD HAVE IDENTIFIED ANY EXISTING OR ENCLAVEMENTS.

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VICINITY MAP
SCALE: 1" = 200'
SEE MAP BOOK PAGE 9, GRID E-4

DATE	BY	REVISION
12/2006	KAT	05-232
05-232	BDA	KAT
	FILE	CAS
		1"=10'



MISS UTILITY

FOR LOCATION OF UTILITIES, CALL "MISS UTILITY" AT 1-800-827-7777, OR LOG ON TO WWW.MISSUTILITY.NET/ITCS 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST IDENTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.



Curt A. Schreffler
07/31/06

CLIENT
ANDREA GORDON
4301 16TH STREET, NW
WASHINGTON, DC 20011

ARCHITECT
STUDIO 2 DESIGN CONCEPTS
800 HIDEPOINTE AVE, SUITE 400
BETHESDA, MARYLAND 20814
(301) 961-8800 PHONE
(301) 961-8800 FAX
ATTN: MARK GIARAPUTO

4301 16TH STREET, NW
EXISTING CONDITIONS PLAN

LOT 37, SQUARE 2406
4301 16TH STREET, NW
N.W. WASHINGTON
DISTRICT OF COLUMBIA
EXISTING CONDITIONS PLAN

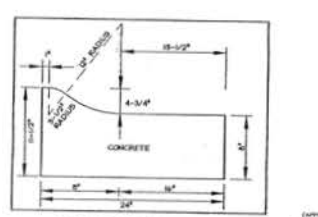
ENGINEERING
CIVIL, SURVEYING AND PLANNING
A DIVISION OF CAS ENTERPRISES, INC.
100 West Ridgeville Blvd., Suite 101, Mount Airy, NC 27171
DC Metro (301) 607-8031 FAX (301) 607-8045
N.Y. 2005/05/232-SPI.dwg 8/10/2006 10:29:27 AM EDT



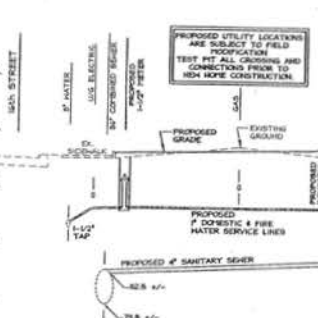
GENERAL CONSTRUCTION NOTES

- INDICATES EXISTING SPOT ELEVATIONS. (DATUM IS ASSUMED)
- INDICATES PROPOSED SPOT ELEVATIONS.
- EXISTING CONTOUR
- PROPOSED CONTOUR
- PIPE INVERT
- DOWN SPOUT TO SPLAIN BLOCK - (SEE)
- DRAINAGE FLOW DIRECTION

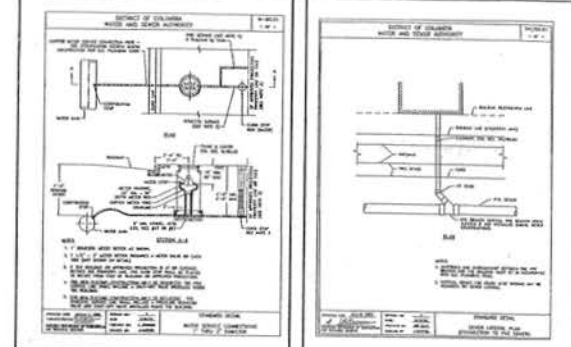
- TOPOGRAPHIC SURVEY BY GAS ENGINEERING, DECEMBER, 2008
- DOING: 6-1-8
FRONT YARD = 10'4"
REAR YARD = 20'
SIDE YARD = 10'
- BOUNDARY INFORMATION BASED ON GAS ENGINEERING BOUNDARY SURVEY DATED DECEMBER, 2008.
- TOTAL LOT AREA = 2,074.54 S.F. ±
- FINAL GAS AND ELECTRIC ALIGNMENT SUBJECT TO UTILITY COMPANY APPROVAL.
- EX. WATER AND SEWER LINES TO BE "TEST - FITTED" PRIOR TO CONSTRUCTION. PROPOSED WATER AND SEWER TO BE ADJUSTED IN LINE AND GRADE ACCORDINGLY.
- THESE SHOTS REMAIN TO BE ADRESSED BY OTHERS.
- THE CONTRACTOR SHALL HAVE ONE TEST PIT AT ALL UTILITY LOCATIONS AND CONNECTING POINTS TO DETERMINE THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES.
- D.C. STANDARD DETAILS WERE REVIEWED FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL OBTAIN THE MOST CURRENT APPLICABLE D.C. DETAILS AND STANDARDS AND PERFORM CONSTRUCTION ACCORDINGLY.
- FOR FIELD LOCATION OF GAS MAINS AND SERVICE CONNECTIONS, CONTRACTOR SHALL NOTIFY WASHINGTON GAS LIGHT COMPANY, (703) 762-4400, 72 HOURS PRIOR TO THE START OF ANY LOCATION OR CONSTRUCTION.
- CONTRACTOR SHALL CONTACT FMS UTILITY, 1-800-257-7777, 48 HOURS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL CONTACT DEPARTMENT OF PUBLIC WORKS - PUBLIC SPACE MAINTENANCE ADMINISTRATION, 48 HOURS PRIOR TO START OF CONSTRUCTION, AT (202) 442-7066.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, REPLACING AND/OR RESTORING ANY AND ALL UTILITY SERVICE CONNECTIONS DISTURBED DURING CONSTRUCTION.
- CONTRACTOR IS TO VERIFY FIELD CONDITIONS PRIOR TO AND DURING CONSTRUCTION AND NOTIFY GAS ENGINEERING AT (202) 442-7066 IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE APPROVED PLANS.
- THE CONTRACTOR SHALL PERFORM ALL CONSTRUCTION IN PUBLIC SPACES IN ACCORDANCE WITH D.C. DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES, LATEST EDITION. THE CONTRACTOR SHALL OBTAIN SAID SPECIFICATIONS.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO PROCEEDING WITH CONSTRUCTION OF EXISTING IMPROVEMENTS.
- THE CONTRACTOR SHALL VERIFY THE ACTIVE/INACTIVE STATUS OF ANY EXISTING UTILITIES ENCOUNTERED ON SITE AND ADJUST OR RELOCATE AS APPROPRIATE.
- THIS PLAN HAS BEEN PREPARED WITH OUT BENEFIT OF A TITLE REPORT WHICH WOULD HAVE IDENTIFIED ANY EASEMENTS OR ENCROACHMENTS.



MOUNTAIN CURB
NOT TO SCALE



WATER & SEWER HOUSE CONNECTION PROFILE
SCALE: 1" = 12' H, 1" = 6' V



WATER & SEWER HOUSE CONNECTION PROFILE
SCALE: 1" = 12' H, 1" = 6' V

DC WASHA GENERAL NOTES

UNDER DC WASHA CUSTOMER FEES AND CHARGES, CONTRACTORS, PLUMBERS, PIPELAYERS, AND OTHERS ARE RESPONSIBLE FOR EXCAVATION, BACKFILLING, REPAIRING AND RESTORATION OF PUBLIC SPACE FOR STREET AND SIGNALMAINT CUTS, FOR NEW UTILITIES, CONNECTIONS, TAPS AND ABANDONMENT OF SERVICES WITHIN PUBLIC SPACE. UNDER DC WASHA INSPECTION, DC WASHA IS NOT RESPONSIBLE FOR FINAL RESTORATION OF STREET AND SIGNALMAINT CUTS PERFORMED BY THESE DEVELOPERS.

DC WASHA GENERAL INSPECTION & AS-BUILT NOTES

- NOTIFY DC WASHA ONE-WEEK PRIOR TO START OF CONSTRUCTION. UTILITY INSPECTOR SECTION AT 202-763-2377, WATER SERVICES 202-442-7400 OR 3400 AND POWER SERVICES 202-442-3024 OR 3024.
- DEVELOPERS, CONTRACTORS AND PLUMBERS MUST SUBMIT FINAL CONSTRUCTION AS-BUILT INFORMATION TO THE INSPECTOR OF WASHA AND INSPECTORS FOR REVIEW AND APPROVAL. FINAL CONSTRUCTION AS-BUILT INFORMATION TO BE SUBMITTED TO THE INSPECTOR OF WASHA AND INSPECTORS FOR REVIEW AND APPROVAL. FINAL CONSTRUCTION AS-BUILT INFORMATION TO BE SUBMITTED TO THE INSPECTOR OF WASHA AND INSPECTORS FOR REVIEW AND APPROVAL. FINAL CONSTRUCTION AS-BUILT INFORMATION TO BE SUBMITTED TO THE INSPECTOR OF WASHA AND INSPECTORS FOR REVIEW AND APPROVAL.
- ONCE THE DC WASHA INSPECTOR APPROVES THE AS-BUILT, A COPY MUST BE SUBMITTED TO THE DOCUMENTS SERVICES OFFICE AT 202-763-2377 AND THE WATER AND SEWER DESIGN SECTION AT 202-442-7400.
- UNDER DC WASHA CUSTOMER FEES AND CHARGES, CONTRACTORS, PLUMBERS, PIPELAYERS AND OTHERS ARE RESPONSIBLE FOR EXCAVATION, BACKFILLING, REPAIRING AND RESTORATION OF PUBLIC SPACE FOR STREET AND SIGNALMAINT CUTS, FOR NEW UTILITIES, CONNECTIONS, TAPS AND ABANDONMENT OF SERVICES WITHIN PUBLIC SPACE. UNDER DC WASHA INSPECTION, DC WASHA IS NOT RESPONSIBLE FOR FINAL RESTORATION OF STREET AND SIGNALMAINT CUTS PERFORMED BY THE CONTRACTOR OR DEVELOPERS.



VICINITY MAP
SCALE: 1" = 200'
ADC MAP BOOK PAGE 4, GRID K-4

DATE	12/2005
PROJECT	05-232
PERMITTEE	KAY
DATE	05-232
PERMITTEE	BDA
DATE	05-232
PERMITTEE	CAS

LOT 37, SQUARE 2445
4301 16TH STREET, NW
N.W. WASHINGTON
DISTRICT OF COLUMBIA
BUILDING PERMIT SITE PLAN

ENGINEERING
CIVIL - SURVEYING - LAND PLANNING
A DIVISION OF CAS ENTERPRISES, INC.
108 West Ridgeway Blvd., Suite 101, Mount Airy, NC 27171
DC Metro (301) 607-8031 FAX (301) 607-8045
(301) 961-0838 FAX (301) 961-0838

MISS UTILITY

FOR LOCATION OF UTILITIES, CALL "MISS UTILITY" AT 1-800-257-7777, OR 1-800-OR-TO-REPORT-UTILITIES. IN ADVANCE OF ANY WORK IN THIS VICINITY, THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITHIN THE VICINITY OF THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.



Curt A. Schreffler
07/30/06

CLIENT

AMERICA'S BUILDING GROUP
1700 STREET, NW
WASHINGTON, DC 20004

ARCHITECT

STUDIO 1 DESIGN CONCEPTS
300 HODGSON AVE, SUITE 200
BETHESDA, MARYLAND 20814
(301) 961-0838 PHONE
(301) 961-0838 FAX
ATTN: JOHN CLARK

4301 16TH STREET, NW
BUILDING PERMIT SITE PLAN

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

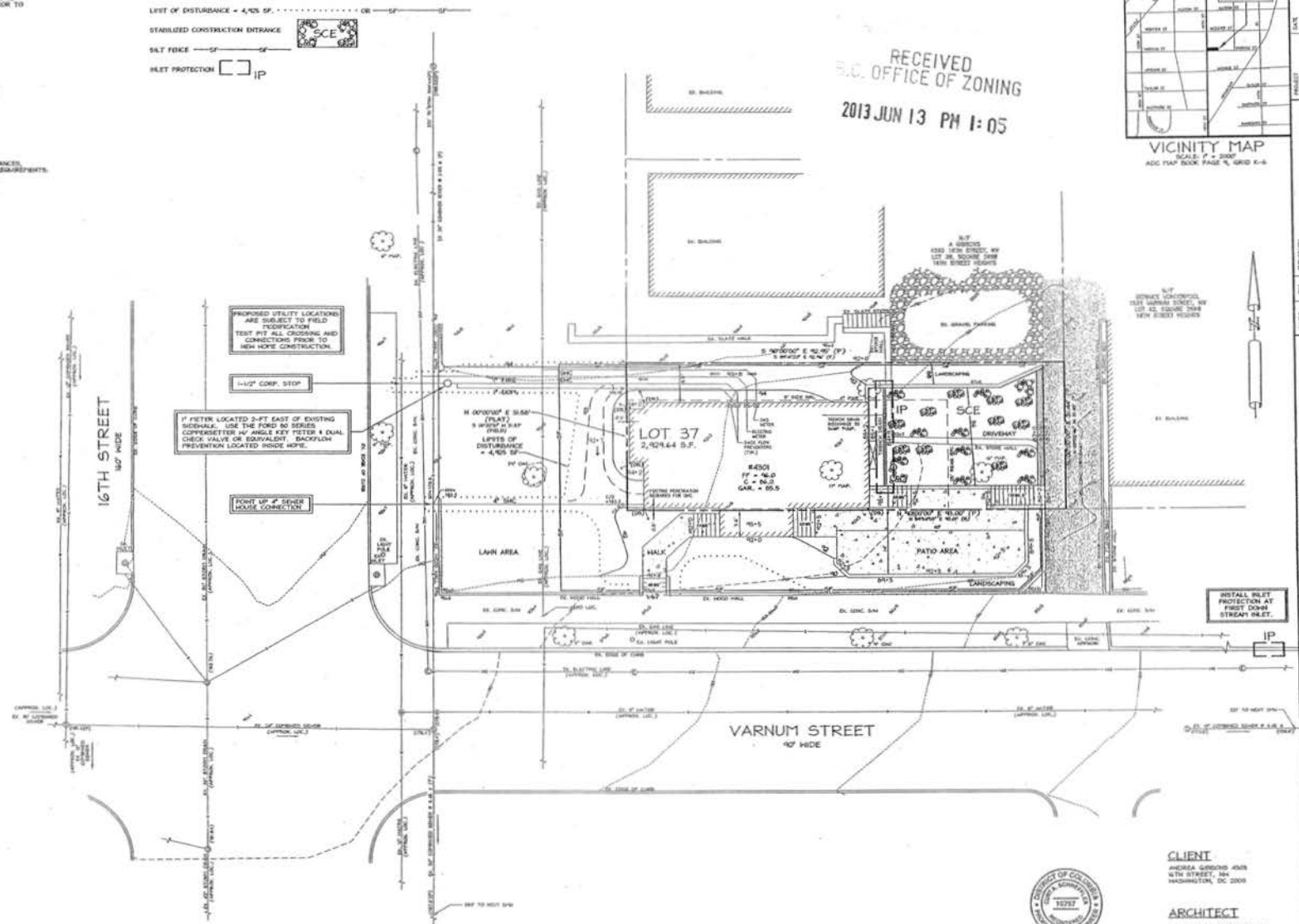
1. INSTALL SEWER/STORM CONDUITS, HEADSIES AS SHOWN ON THIS PLAN.
2. BEGIN ROUGH GRADING OPERATIONS TO BRING LOT TO GRADE.
3. PROCEED WITH FOUNDATION CONSTRUCTION FOR PRIMARY BUILDING.
4. BEGIN CONSTRUCTION INSTALLATION OF UNDERGROUND UTILITIES.
5. CONTINUE CONSTRUCTION OF BUILDING, INCLUDING ALL INTERIOR PLUMBING AND APPLIANCES.
6. WHEN ROOFING IS IN PLACE, BEGIN AND COMPLETE CONCRETE AND INSTALLATION OF HATCHES AND VERTICAL SERVICE CONNECTION TO THE HEADSIE, INSURE HATCH INTERFITS WITH CONCRETE TO PREVENT WATER INTRUSION. HATCHES FURNISHED IN THE PUBLIC STREET, AS SHOWN ON PLAN.
7. ALL GAS AND SEWAGE CONNECTIONS ARE TO BE MADE AT THIS TIME.
8. COMPLETE CONSTRUCTION OF BUILDING AND ALL SITE APPLIANCES, STANDARD AND SPECIAL AREA INSPECTION, CONDUIT, REQUIREMENTS.
9. REMOVE SEWER/STORM CONDUITS AFTER ENTIRE SITE IS RETAINED. INSPECTION IS REQUIRED FROM THE SEWER/STORM CONDUIT INSPECTOR.

LIMIT OF DISTURBANCE = 4.125 SF. OR — SF — SF —

STABILIZED CONSTRUCTION ENTRANCE

SALT FORCE —————

INLET PROTECTION ☐ ☒ IP



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VICINITY MAP
SCALE: 1" = 2000'
AUG. TRAP BOOK, PAGE 9, GRID K-4

[illegible]

LOT 37, SQUARE 2698
4301 16TH STREET, NW
N.W. WASHINGTON
DISTRICT OF COLUMBIA
SEDIMENT CONTROL PLAN

CAS ENGINEERING
CIVIL • SURVEYING • LAND PLANNING
A DIVISION OF CAS ENTERPRISES, INC.

108 West Ridgely Blvd., Suite 101, Mount Airy, MO, 21771
Tel. (301) 607-8031 FAX (301) 607-8045
Toll Free (800) 607-8031

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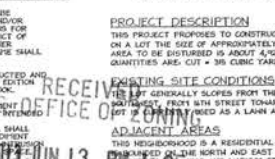
FOR LOCATION OF UTILITIES, CALL "THIS UTILITY" AT 1-800-257-7777, OR LOG ON TO WWW.THISUTILITY.NET/ITCS 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY. THE EXCAVATOR MUST NOTIFY ALL PUBLIC UTILITY COMPANIES WITH UNDER GROUND FACILITIES IN THE AREA OF PROPOSED EXCAVATION AND HAVE THOSE FACILITIES LOCATED BY THE UTILITY COMPANIES PRIOR TO COMMENCING EXCAVATION.

FOR SEDIMENT CONTROL PURPOSES ONLY

4301 16TH STREET, NW
SEDIMENT CONTROL PLAN

3 5

SEDIMENT CONTROL NARRATIVE



OFF-SITE AREAS

THERE IS AN ANTICIPATED NEED FOR A LOT TO BE LOCATED DURING CONSTRUCTION, BUT OTHER CONSTRUCTION SITES IN THE VICINITY.

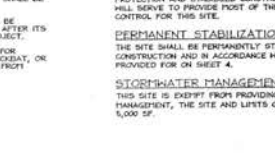
SOILS

THIS LOT IS SHOWN ON MAP 5 OF THE CITY OF COLUMBIA. ON-SITE SOILS ARE C-1 URBAN LANDS COMPLEX 60 TO 8 PERCENT ON HEAVILY LEVEE TO GENTLY SLOPING PLAIN. FERTILIZING AND FERTIGATING ARE THE SOILS ARE RELATIVELY UNPRODUCTIVE TO BARELY PRODUCTIVE IN BUILDING PURPOSES. THIS COMPLEX IS DROUGHTY AND THEREFORE, MAY HAVE VEGETATION.

CRITICAL AREAS

NONE EXIST ON THIS SITE.

SEE SHEET 3 FOR SEQUENCE OF CONSTRUCTION
MEASURE LOCATIONS AND SHEETS 4 & 5
NOTES & DETAILS, SPECIFICATIONS, ETC.



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SEDIMENT CO

LOT 37, SQUARE 26
4301 16TH STREET
N.W. WASHINGTON
DISTRICT OF COLUMBIA
SEDIMENT CONTROL

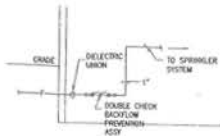
STREET, NW	5 of 5
CONTROL DETAILS	

INFORMATION SHOWN HEREON
REFERENCE ONLY. CONTRACT
MOST CURRENT APPLICABLE
CONSTRUCT ACCORDING

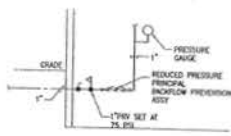
4301 16TH
SEDIMENT CO

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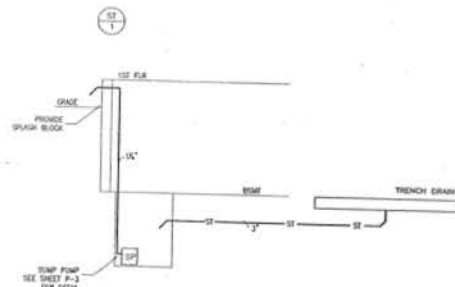
109 West Ridgeway Blvd., Suite 101, Mount Airy, NC 27030
Tel: (301) 607-8031 Fax: (301) 607-8032



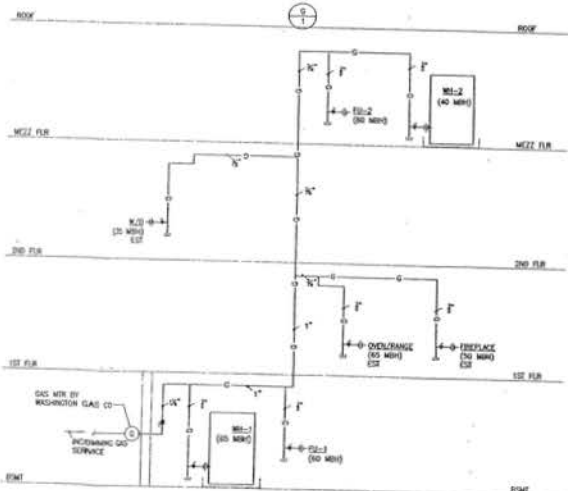
FIRE SERVICE
NO SCALE



DOM. WATER SERVICE
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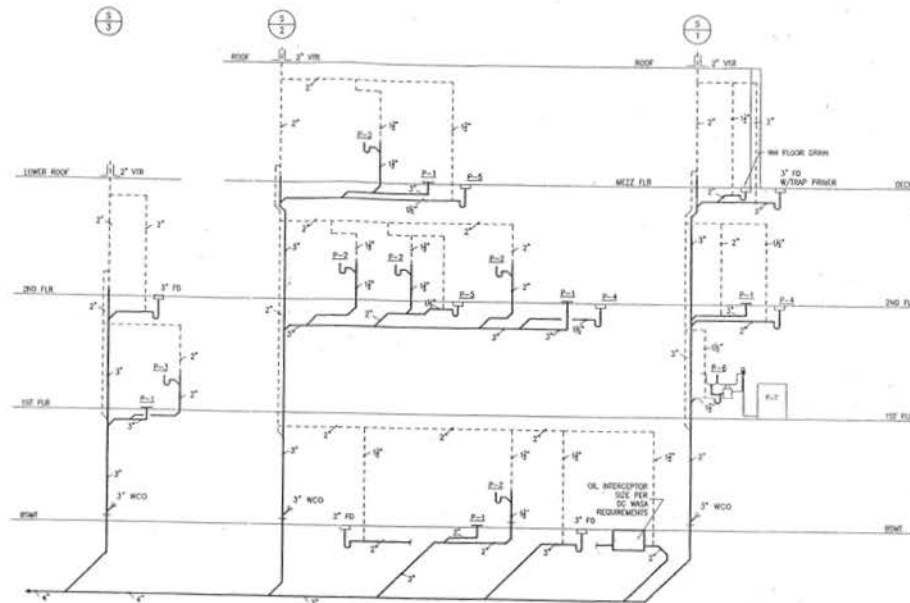


STORM RISER DIAGRAMS
NO SCALE

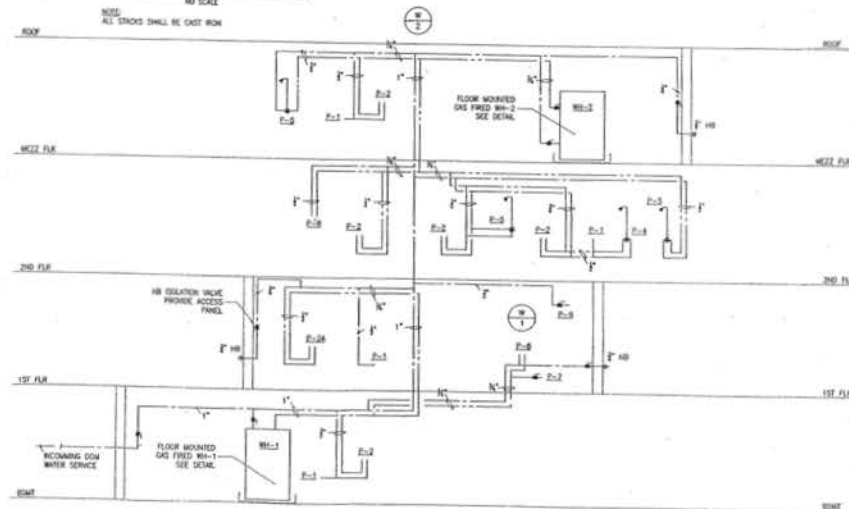


TOTAL DEREGULATED LENGTH: 10' G.S. PRESSURE: 0.5 PSI
PRESSURE DROP: 0.5 PSI
TOTAL: GAS: 350 MM (EST)

GAS RISER DIAGRAM
NO SCALE



SANITARY RISER DIAGRAMS
NO SCALE



WATER RISER DIAGRAMS
NO SCALE

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DATE:	SUBMISSION
9/12/06	PERMIT SET
DATE:	REVISION

Studio Z Design Concepts, LLC
8120 Woodmont Ave.
Suite 950
Bethesda, Maryland 20814
301-951-4391 Fax: 301-951-1913

STUDIO Z
DESIGN CONCEPTS

The Gibbons Residence
4320 16th Street, NW
Washington, DC
Zoea Mac
Building Review Branch
Building Division

CTA
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& ENGINEERS
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300 N. Washington Street, Suite 204, Rockville, MD 20850
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