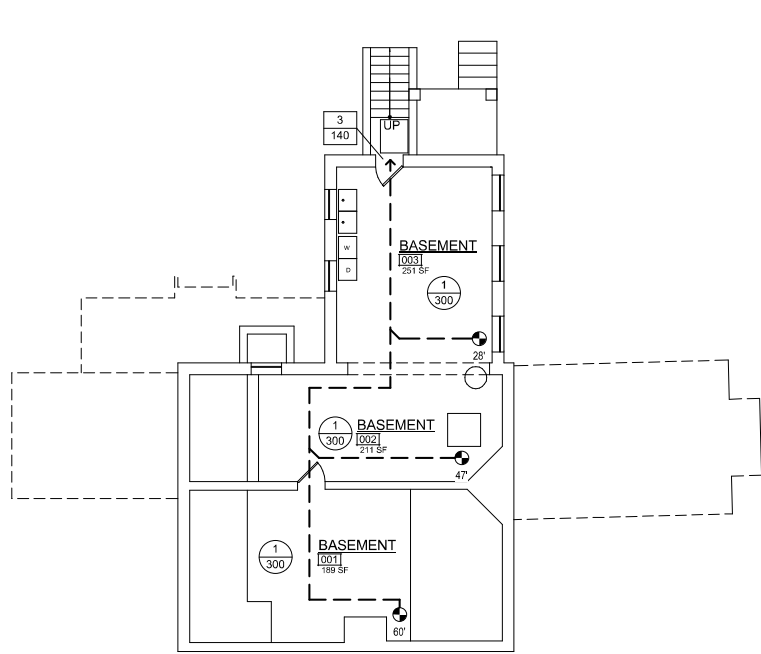
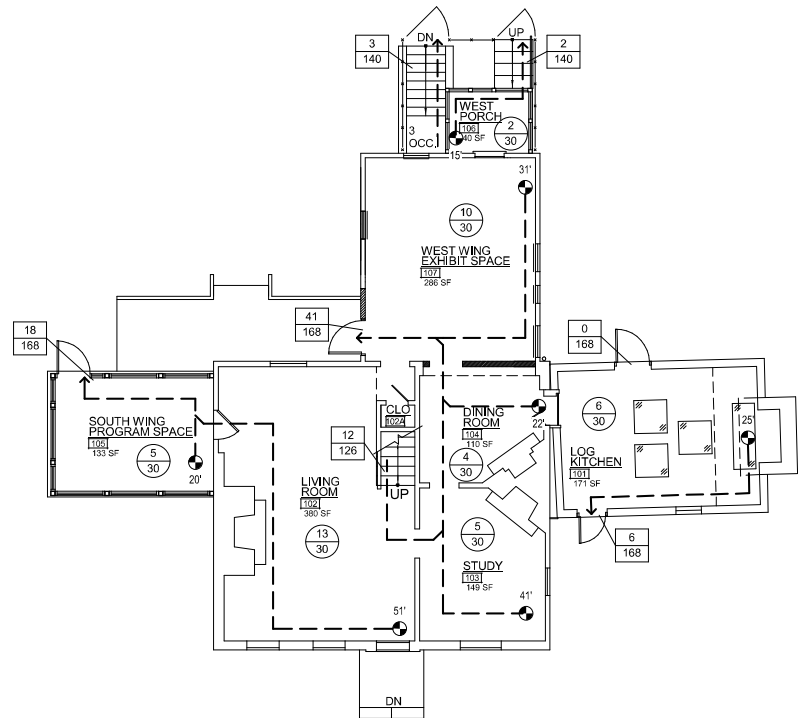




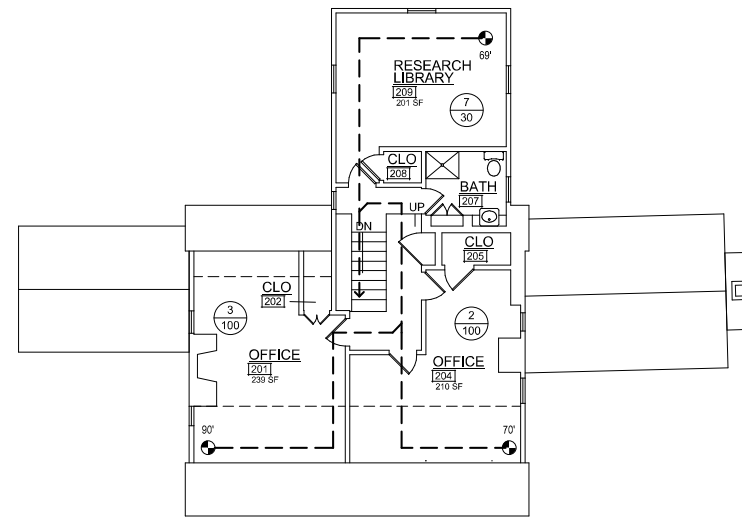
HISTORIC HOUSE



5 **BASEMENT PLAN - HISTORIC HOUSE**
SCALE: 1/8" = 1'-0"
NORTH



3 **FIRST FLOOR PLAN - HISTORIC HOUSE**
SCALE: 1/8" = 1'-0"
NORTH



4 **SECOND FLOOR PLAN - HISTORIC HOUSE**
SCALE: 1/8" = 1'-0"
NORTH

NOTE: ALL TRAVEL DISTANCES SHOWN ARE TO EXITS.
COMMON PATH OF TRAVEL IS AT LEAST 30 FEET LESS.

CODE SHEET LEGEND

XXX XXX	USE GROUP I CONSTRUCTION TYPE
(XX) (XX)	NUMBER OF OCCUPANTS TABLE 1004.1.1 CRITERIA
XX XX	CAPACITY REQUIRED CAPACITY PROVIDED
○ ○	TRAVEL DISTANCE TO EXIT
↳	CHOICE EXERCISED IN TRAVEL DISTANCE
○ FE	FIRE EXTINGUISHER
□ FEC	FIRE EXTINGUISHER CABINET
— — — —	SMOKE BARRIER
— · — · —	ONE HOUR PARTITION WALL
— · · — · · —	TWO HOUR PARTITION WALL
— · · · — · · · —	THREE HOUR PARTITION WALL
▨	1 HOUR RATED FLOOR/CEILING
▨	2 HOUR RATED FLOOR/CEILING
1018.1	SPECIFIC CODE CITATION

	OCCUPANTS		WATER CLOSET		LAVATORIES		REMARKS
	M	F	M	F	M	F	
FIRST FLOOR	50	50	1	2	1	1	

NOTE: HISTORIC RILEY/BOLTEN HOUSE COVERED IEBC CHAPTER 11 - HISTORIC BUILDINGS. NO FIRE RATINGS ARE REQUIRED AND IS EXEMPT FROM COMPLYING WITH THE INTERNATIONAL ENERGY CODE. SEE FACILITY PLAN REPORT DATED 5/17/13.

NOT FOR CONSTRUCTION



DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

Professional Certification . I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. _____
Expiration Date _____



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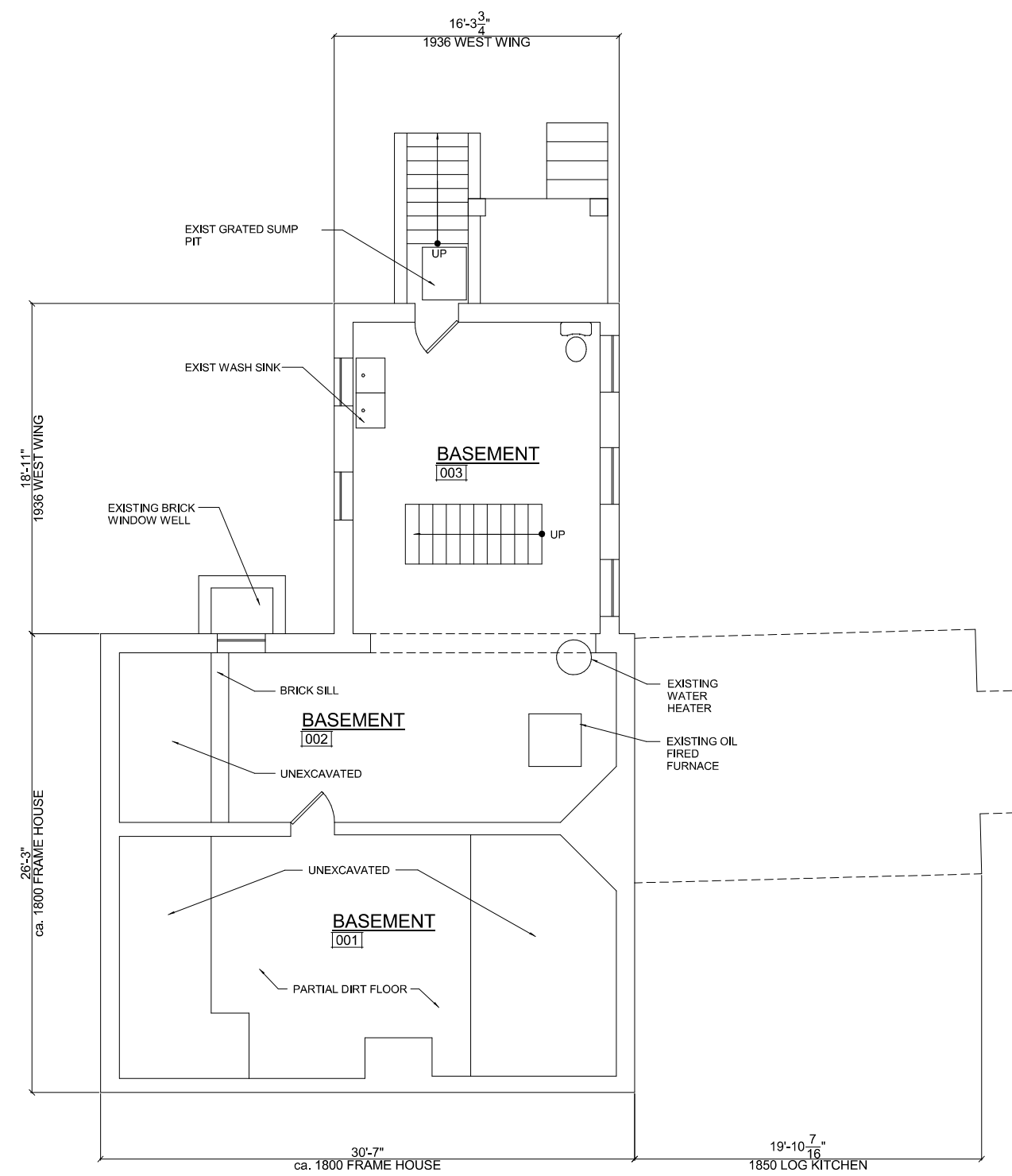
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

CODE CRITERIA - HISTORIC HOUSE

A-HH



1 010 EXISTING BASEMENT SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION



1110 East Princess St York, Pennsylvania 17403 t: 717.845.8383 f: 717.852.0916

DESIGN		
	Date	Checked By:
Landscape Architect		
Architect		
Engineer		
Drawn by		

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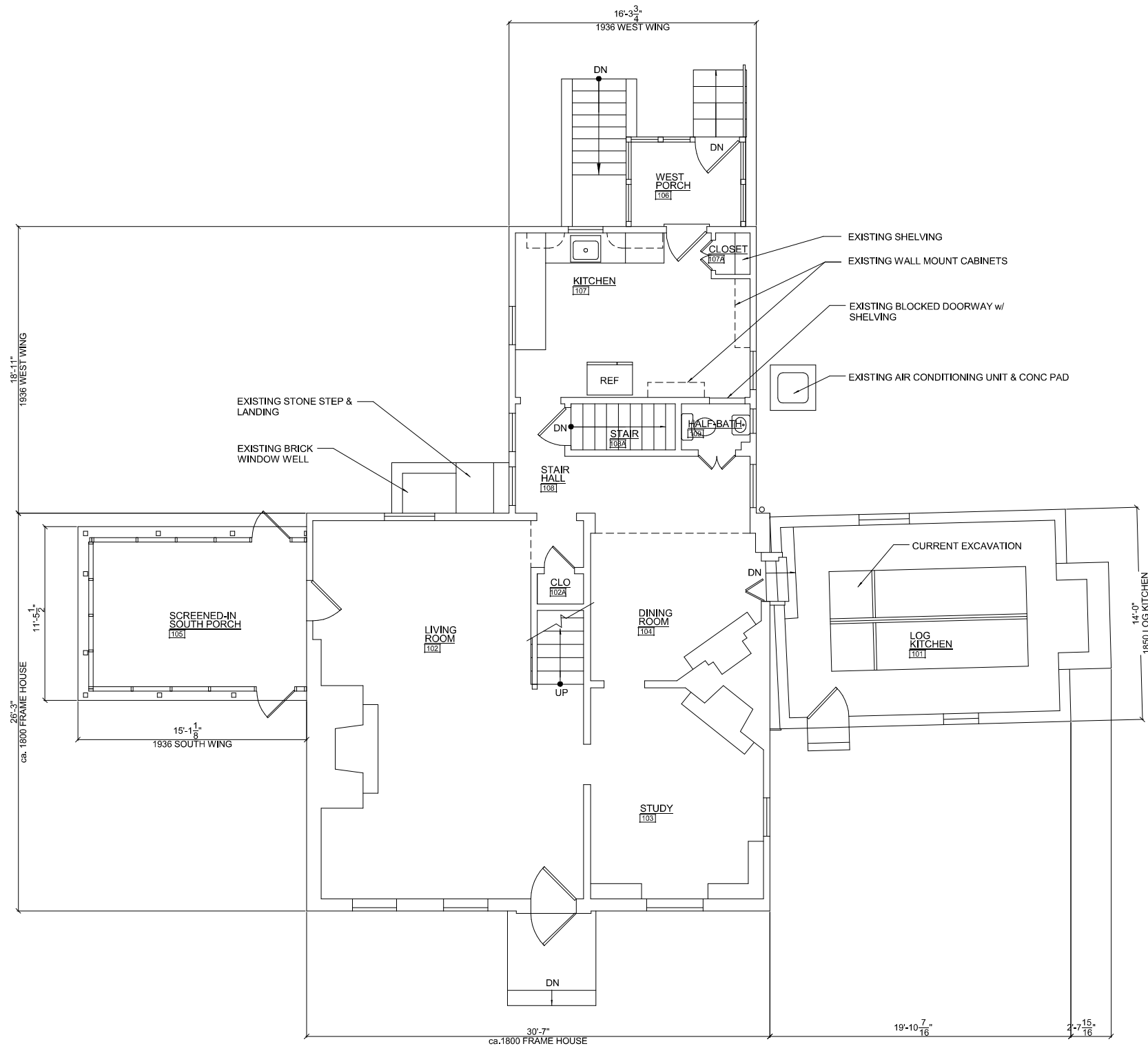
REVIEW AND APPROVAL	
	Date
Project Manager	
Construction Manager	
Park Manager	

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Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXISTING BASEMENT PLAN

A-HH
SHT. # 12 of 52
MAY 28, 2013



1
011
EXISTING FIRST FLOOR
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION



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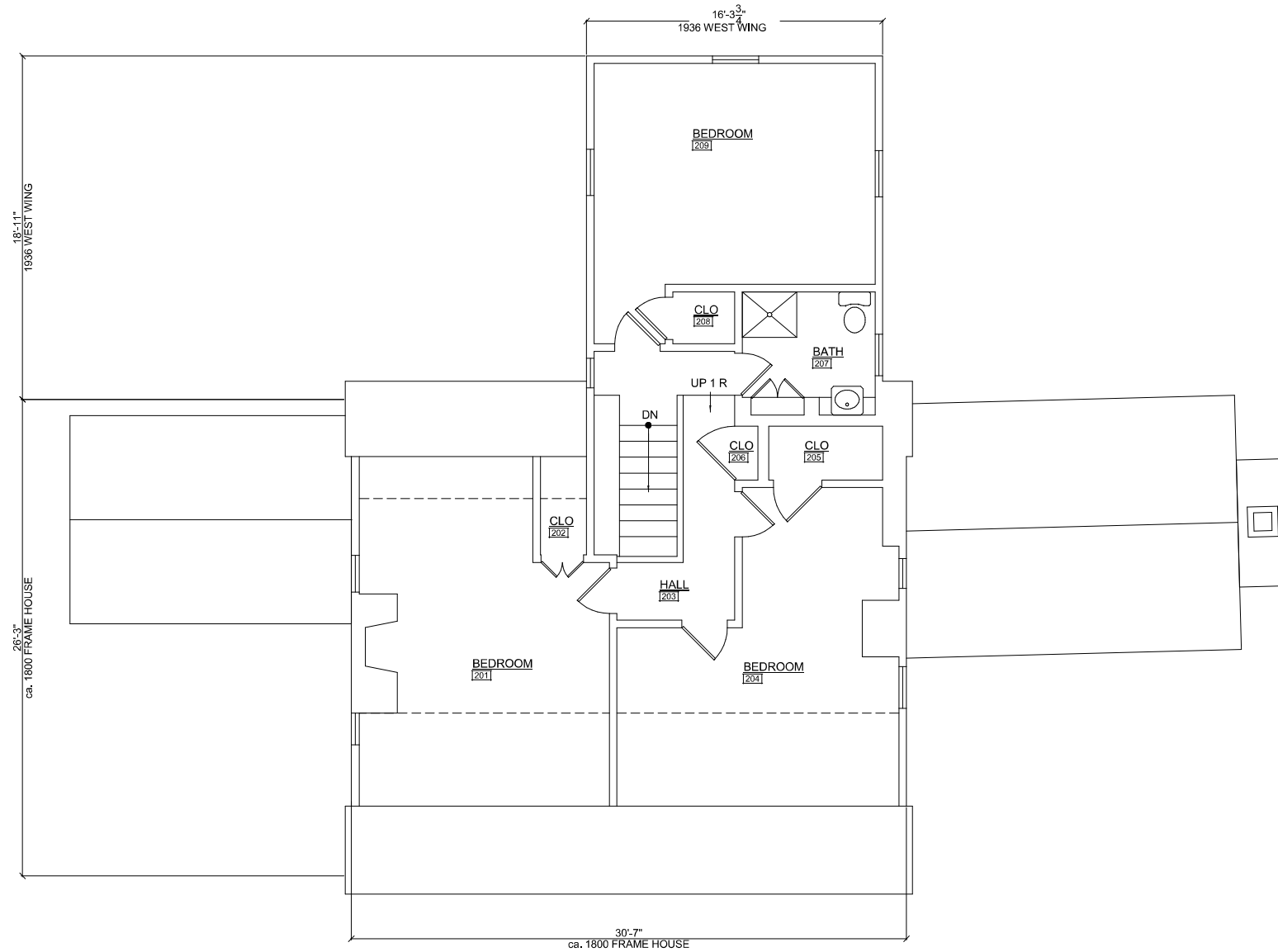
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXISTING FIRST FLOOR PLAN

A-HH

SHT. # 13 of 52
MAY 28, 2013



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

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EXISTING SECOND FLOOR PLAN

A-HH

SHT. # 14 of 52
MAY 28, 2013

FINAL SCANNED

PLAN SCANNED

PARK CODE: C-0

\\fs1\p0020\2013\13-0545-1-1-1\Arch\Design Documents\13-0545-1-1-1\13-0545-1-1-1.dwg - Plot of: 13-0545-1-1-1.dwg - Plot Date: 5/1/2013 10:54 AM - Plot Scale: 1/4" = 1'-0"



1 EXTERIOR ELEVATION - EAST
SCALE: 1/4" = 1'-0"



3 EXTERIOR ELEVATION - NORTH
SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION - WEST
SCALE: 1/4" = 1'-0"



4 EXTERIOR ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"

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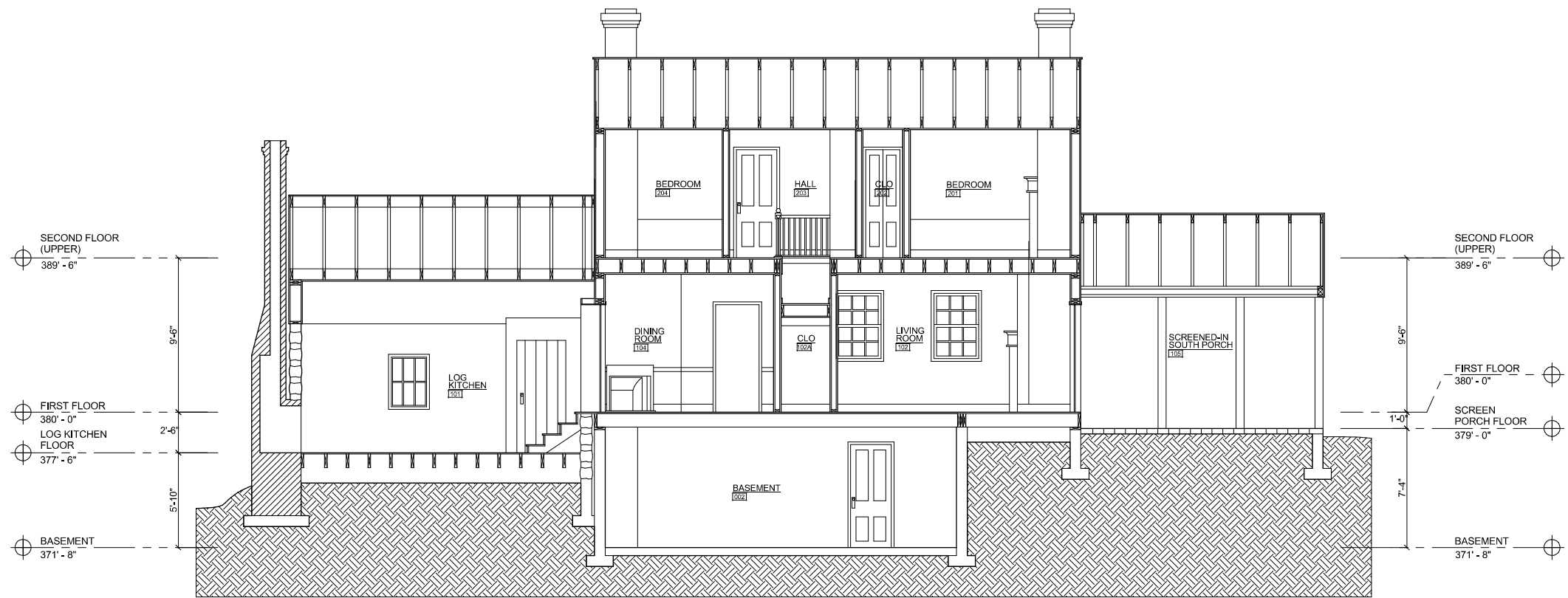
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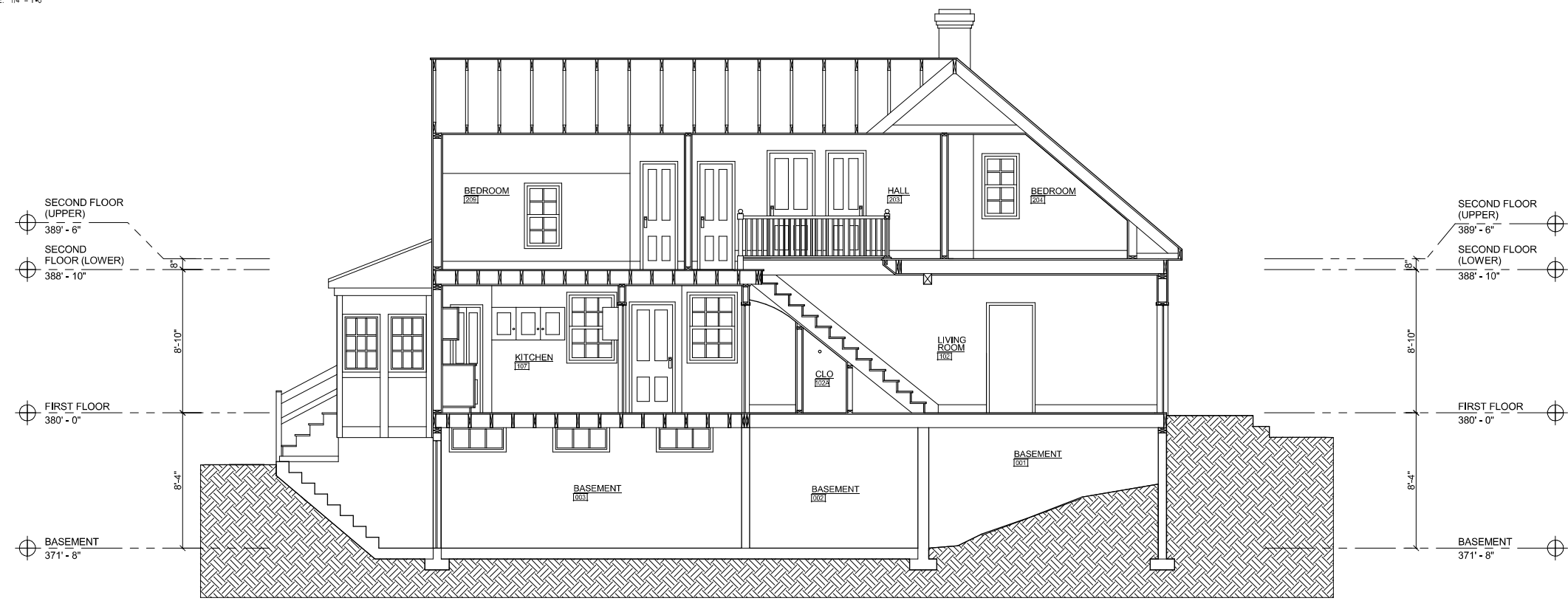
EXISTING ELEVATIONS

A-HH

SHT. # 15 of 52
MAY 28, 2013



1 EXISTING HISTORIC HOUSE SECTION
SCALE: 1/4" = 1'-0"



2 EXISTING HISTORIC HOUSE SECTION
SCALE: 1/4" = 1'-0"

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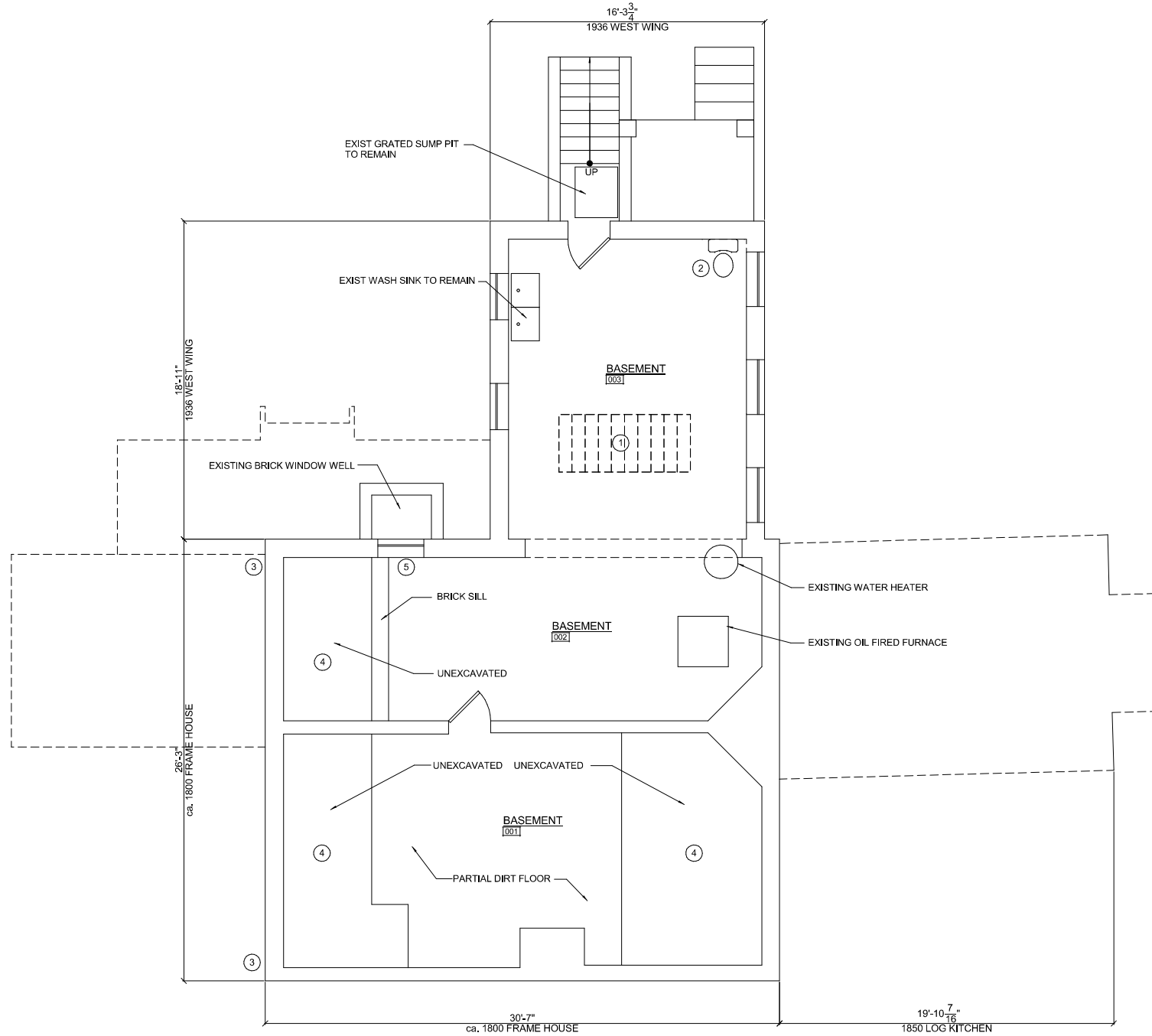
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11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXISTING BUILDING SECTIONS

A-HH

SHT. # 16 of 52
MAY 28, 2013



DEMOLITION NOTES

- ① REMOVE BASEMENT STAIR.
- ② REMOVE TOILET.
- ③ CLEAR SOIL LINE AWAY FROM EXISTING VENTILATION GRILLES.
- ④ EXCAVATE SOIL DOWN FROM UNDERSIDE OF FLOOR STRUCTURE.
- ⑦ REMOVE EXISTING WINDOW AND FILL WALL OPENING TO MATCH EXISTING CONSTRUCTION.
- ⑧ REFER TO GEOTECHNICAL REPORT AND HSR DETAILS FOR ADDITIONAL INFORMATION

1
050
SCALE: 1/4" = 1'-0"

BASEMENT DEMOLITION PLAN

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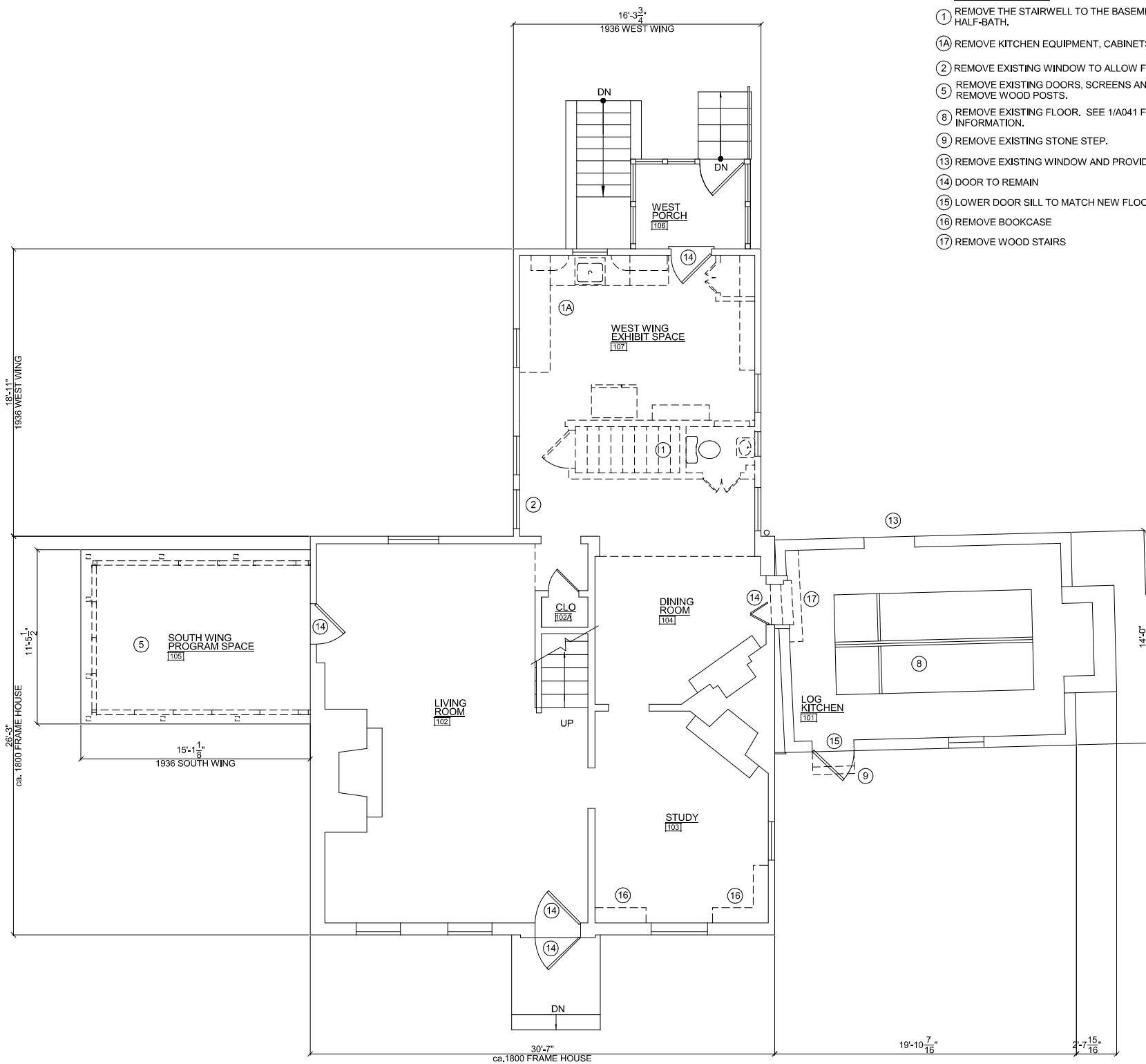
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

BASEMENT DEMOLITION PLAN

A-HH

SHT. # 17 of 52
MAY 28, 2013



- DEMOLITION NOTES**
- ① REMOVE THE STAIRWELL TO THE BASEMENT AND THE HALF-BATH.
 - ①A REMOVE KITCHEN EQUIPMENT, CABINETS, AND CLOSET
 - ② REMOVE EXISTING WINDOW TO ALLOW FOR DOOR.
 - ⑤ REMOVE EXISTING DOORS, SCREENS AND WOOD FRAMES. REMOVE WOOD POSTS.
 - ⑧ REMOVE EXISTING FLOOR. SEE 1/A041 FOR MORE INFORMATION.
 - ⑨ REMOVE EXISTING STONE STEP.
 - ⑬ REMOVE EXISTING WINDOW AND PROVIDE NEW DOOR.
 - ⑭ DOOR TO REMAIN
 - ⑮ LOWER DOOR SILL TO MATCH NEW FLOOR.
 - ⑯ REMOVE BOOKCASE
 - ⑰ REMOVE WOOD STAIRS

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

NOT FOR CONSTRUCTION

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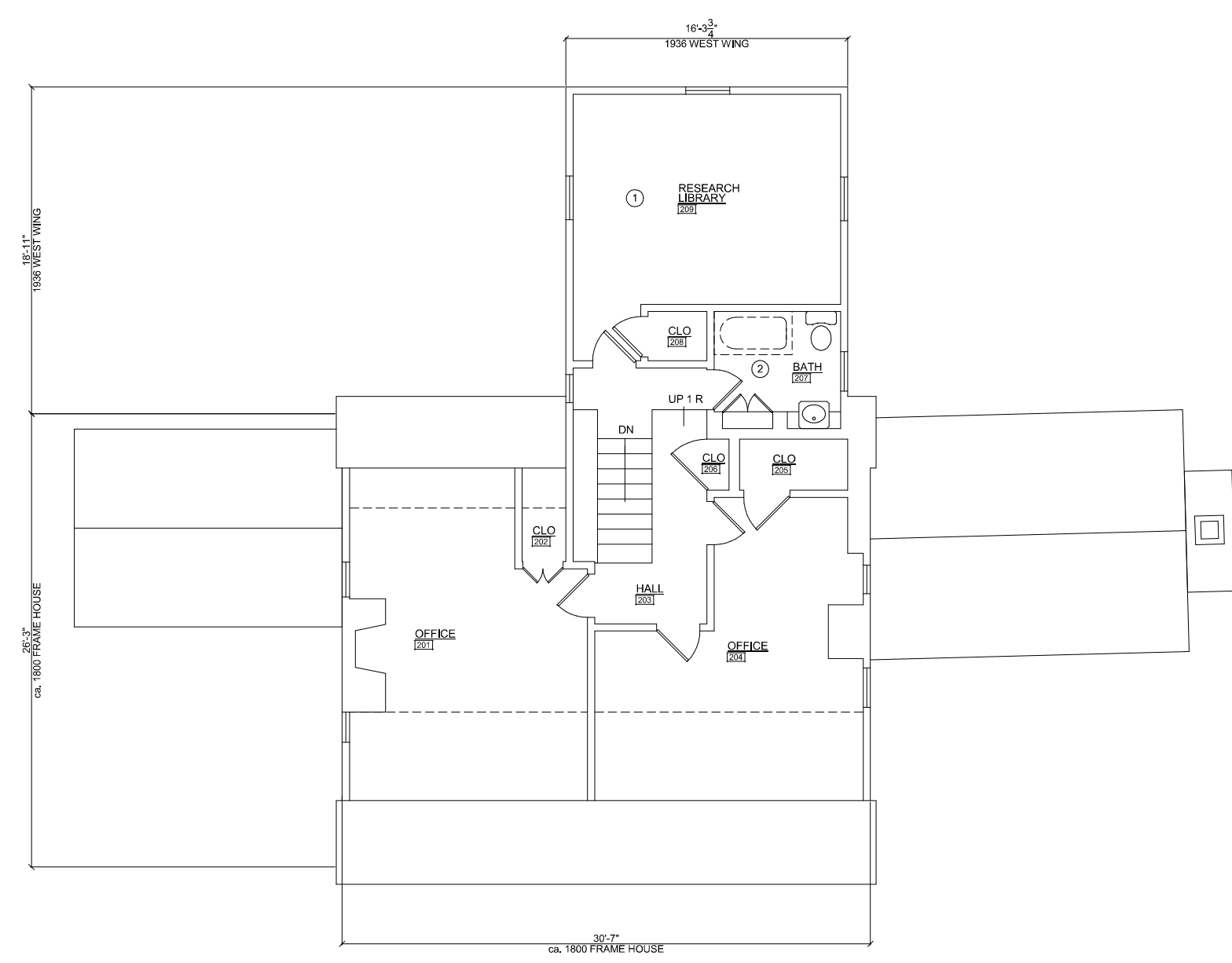
Josiah Henson Park - Facility Plan
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

FIRST FLOOR DEMOLITION PLAN

A-HH

SHT. # 18 of 52
 MAY 28, 2013



- DEMOLITION NOTES**
- ① CONVERT BEDROOM TO RESEARCH LIBRARY USE. PROVIDE STRUCTURAL SUPPORT TO FLOOR AS NEEDED.
 - ② REPLACE TUB WITH SHOWER, FOR STAFF USE ONLY.

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

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Project Manager	Date
Construction Manager	Date
Park Manager	Date

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REVISIONS		
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11420 Old Georgetown Road, Rockville, MD 20852
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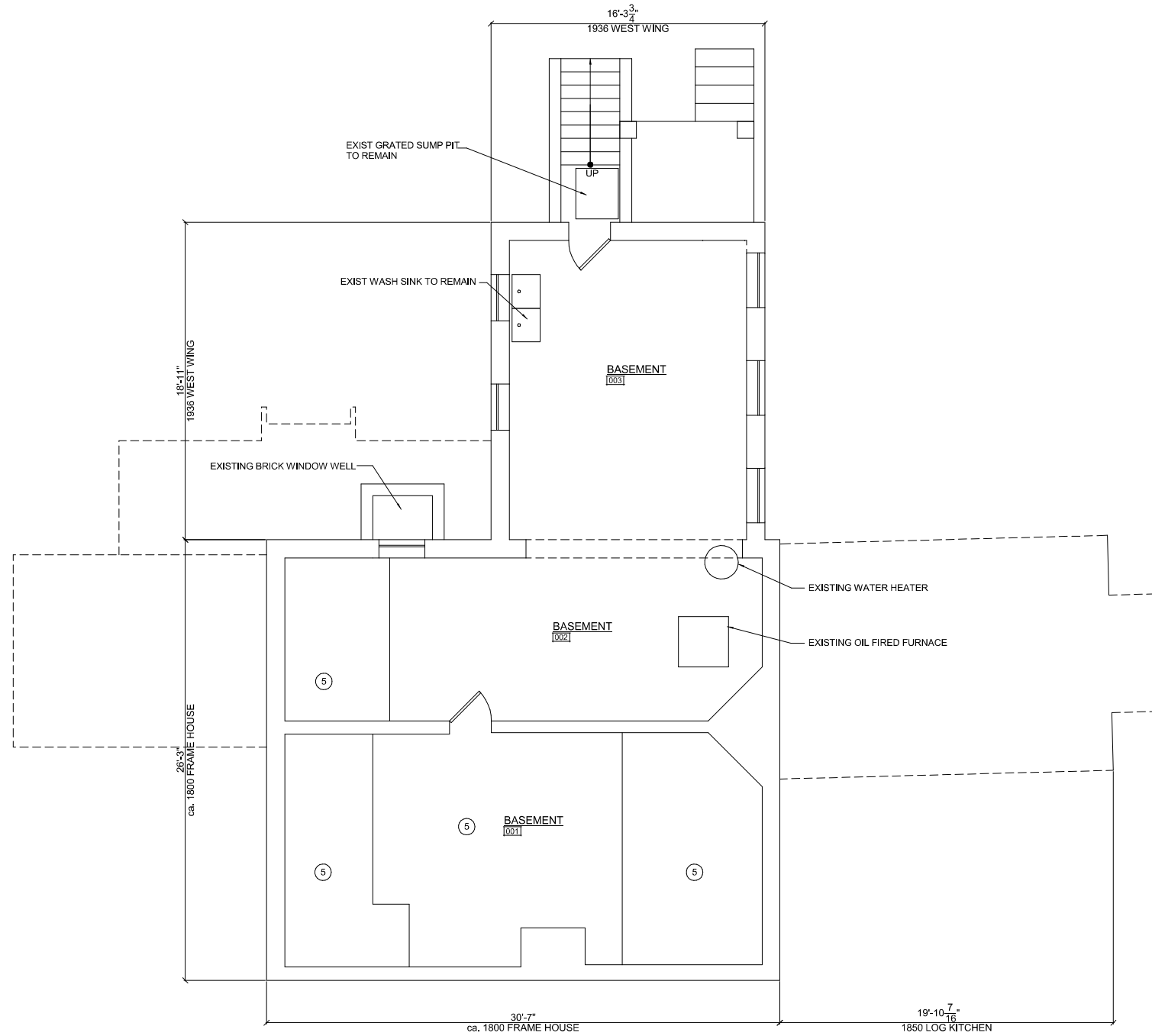
SECOND FLOOR DEMOLITION PLAN

A-HH

SHT. # 19 of 52
MAY 28, 2013

FACILITY PLAN PROPOSAL
 BASEMENT AREA 003 FOR ARCHEOLOGY STORAGE.
 BASEMENT AREA 002 FOR NEW MECHANICAL EQUIPMENT.
 BASEMENT AREA 001 NOT USED, CONCRETE FLOOR ALREADY EXISTS IN AREAS 002 & 003.
 ACCESS TO BASEMENT IS LIMITED TO PARK STAFF PERSONNEL AND TOURS BY APPOINTMENT ONLY.

⑤ NEW CONCRETE SLAB TO RESTRICT MOISTURE.



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

NOT FOR CONSTRUCTION

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DESIGN		
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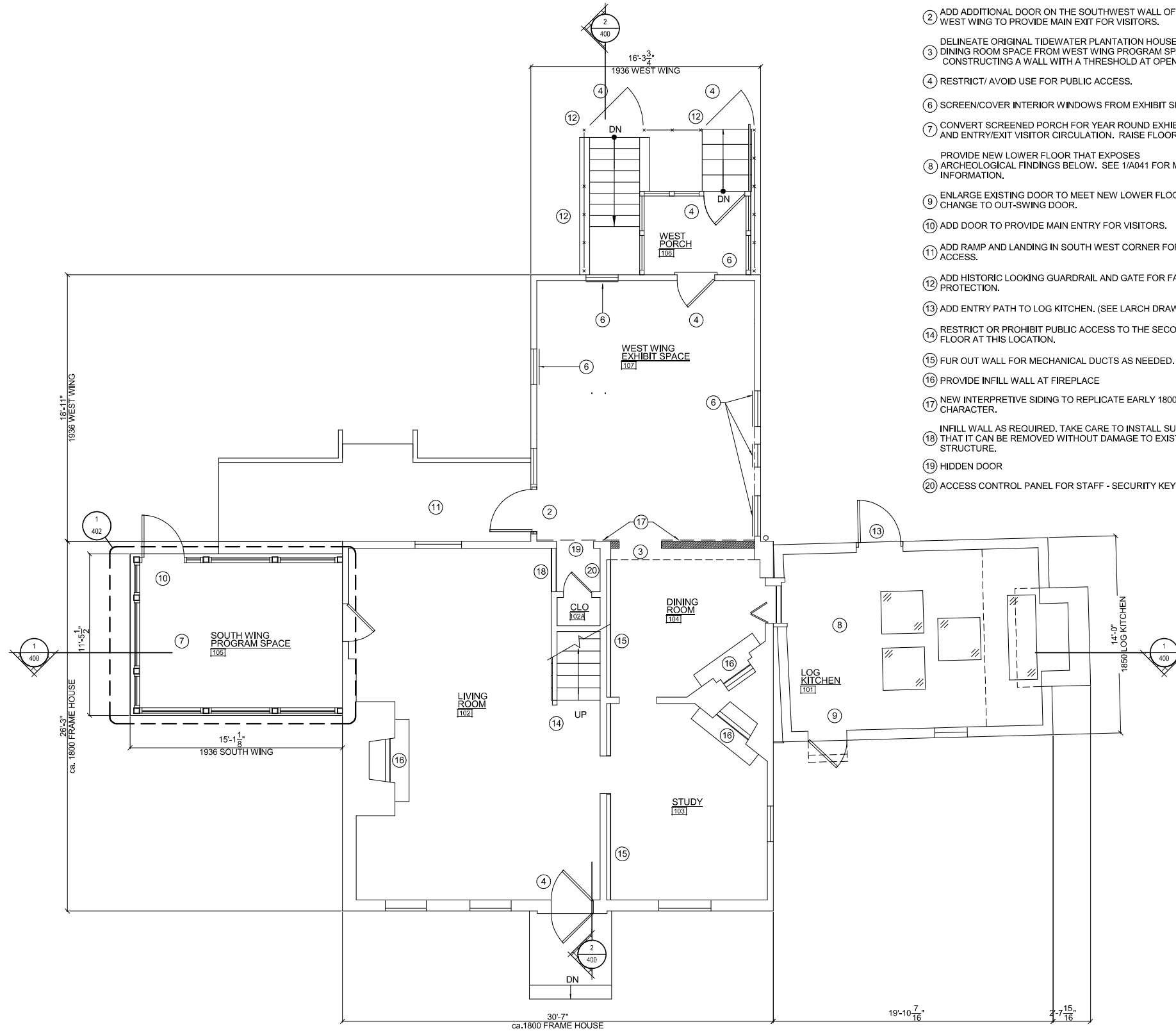
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 11420 Old Georgetown Road, Rockville, MD 20852
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

BASEMENT PLAN

A-HH

SHT. # 20 of 52
 MAY 28, 2013



FACILITY PLAN PROPOSAL

- 2 ADD ADDITIONAL DOOR ON THE SOUTHWEST WALL OF THE WEST WING TO PROVIDE MAIN EXIT FOR VISITORS.
- 3 DELINEATE ORIGINAL TIDEWATER PLANTATION HOUSE DINING ROOM SPACE FROM WEST WING PROGRAM SPACE BY CONSTRUCTING A WALL WITH A THRESHOLD AT OPENING.
- 4 RESTRICT/AVOID USE FOR PUBLIC ACCESS.
- 6 SCREEN/COVER INTERIOR WINDOWS FROM EXHIBIT SPACE.
- 7 CONVERT SCREENED PORCH FOR YEAR ROUND EXHIBITS AND ENTRY/EXIT VISITOR CIRCULATION. RAISE FLOOR.
- 8 PROVIDE NEW LOWER FLOOR THAT EXPOSES ARCHEOLOGICAL FINDINGS BELOW. SEE 1/A041 FOR MORE INFORMATION.
- 9 ENLARGE EXISTING DOOR TO MEET NEW LOWER FLOOR. CHANGE TO OUT-SWING DOOR.
- 10 ADD DOOR TO PROVIDE MAIN ENTRY FOR VISITORS.
- 11 ADD RAMP AND LANDING IN SOUTH WEST CORNER FOR ADA ACCESS.
- 12 ADD HISTORIC LOOKING GUARDRAIL AND GATE FOR FALL PROTECTION.
- 13 ADD ENTRY PATH TO LOG KITCHEN. (SEE LARCH DRAWINGS)
- 14 RESTRICT OR PROHIBIT PUBLIC ACCESS TO THE SECOND FLOOR AT THIS LOCATION.
- 15 FUR OUT WALL FOR MECHANICAL DUCTS AS NEEDED.
- 16 PROVIDE INFILL WALL AT FIREPLACE
- 17 NEW INTERPRETIVE SIDING TO REPLICATE EARLY 1800'S CHARACTER.
- 18 INFILL WALL AS REQUIRED. TAKE CARE TO INSTALL SUCH THAT IT CAN BE REMOVED WITHOUT DAMAGE TO EXISTING STRUCTURE.
- 19 HIDDEN DOOR
- 20 ACCESS CONTROL PANEL FOR STAFF - SECURITY KEYPAD

HSR RECOMMENDATIONS

OPTION DESCRIPTIONS PROVIDED HERE COME FROM HSR MENU OF OPTIONS NUMBERS.

LOG KITCHEN

OPTION 4: REOPEN THE REAR (WEST) DOOR OF THE LOG HOUSE THAT WAS CONVERTED TO A WINDOW IN 1936, IN ORDER TO ACCOMMODATE A LOWER FLOOR IN THE LOG ROOM AND TO ALLOW VISITORS ACCESS TO THE LOG ROOM

RILEY HOUSE EXTERIOR

OPTION 5.A.: RESTORE THE SHUTTERS, REPAIRING DAMAGED ELEMENTS, AND REMAINING FAITHFUL TO THE 1936 DESIGN.

RILEY HOUSE EXTERIOR

OPTION 6.A.: KEEP THE WINDOW AND DOOR DESIGN AS THEY ARE NOW. INSTALL INTERIOR STORM WINDOWS FOR IMPROVED THERMAL CHARACTERISTICS AND UV LIGHT FILTRATION.

RILEY GARAGE

OPTION 7.A.: DEMOLISH THE CA. 1970-1980 GARAGE BECAUSE IT IS NOT OLD ENOUGH TO TREAT AS PART OF THE HISTORIC PROPERTY

WEST PORCH

OPTION 7.B.: RESTORE THE PORCH, REPAIRING OR REPLACING DAMAGED MATERIALS, FOLLOWING THE 1936 DESIGN.

STUDY

OPTION 8.A.: LEAVE THE CURRENT NORTH WINDOW AS IT IS.

SOUTHWEST ENTRY

OPTION 9.B.: REOPEN THE EXTERIOR DOORWAY THAT FORMERLY EXISTED AT THE SOUTH END OF THE HALLWAY

LOG KITCHEN

OPTION 10.B.: INTERPRET AS AN ANTEBELLUM KITCHEN SPACE WITH LOFT UP THROUGH 1850.

LOG KITCHEN

OPTION 10.B.2: REMOVE THE CURRENT STAIRS, MAKING ACCESS TO THE REST OF THE HOUSE ONLY BY WAY OF GOING OUTSIDE AND COMING BACK IN A SEPARATE ENTRANCE, BUT KEEPING THE OPENING TO ALLOW VISITORS TO SEE THE LOFT AREA AND THE LOG ROOM FROM THE DINING ROOM.

STUDY

OPTION 11.A.: (VARIATION) REMOVE 1936 SHELVEING, KEEP ALL OTHER 1936 DETAILS AND FINISHES.

LIVING ROOM

OPTION 12.B.: KEEP PLASTER, FIREPLACE, WINDOW DETAILS, AND DOORWAY DETAILS AS THEY ARE.

DINING ROOM

OPTION 13.B.: RETURN THE DINING ROOM TO THE DESIGN BEFORE 1936. DISPLAY RILEY FAMILY ARTIFACTS OR AS SPACE FOR EXHIBIT.

WEST WING EXHIBIT SPACE

OPTION 14.C.: REMOVE ALL APPLIANCES. COMPLETELY CONVERT THE ROOM TO CONTAIN INTERPRETIVE EXHIBITS ON THE PLANTATION EXPERIENCE.

SOUTH WING PROGRAM SPACE

OPTION 15.B.: COMPLETELY REBUILD THIS SPACE TO PROVIDE ONE MORE ROOM FOR THE HOUSE. NEW FLOOR TO BE LEVEL WITH INTERIOR OF HOUSE, AND ROOM SHOULD BE COMPLETELY SEALED AS PART OF THE INTERIOR SPACE. USE THIS SPACE TO HOUSE A RESEARCH LIBRARY OR POSSIBLY A RETAIL SPACE.

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

NOT FOR CONSTRUCTION



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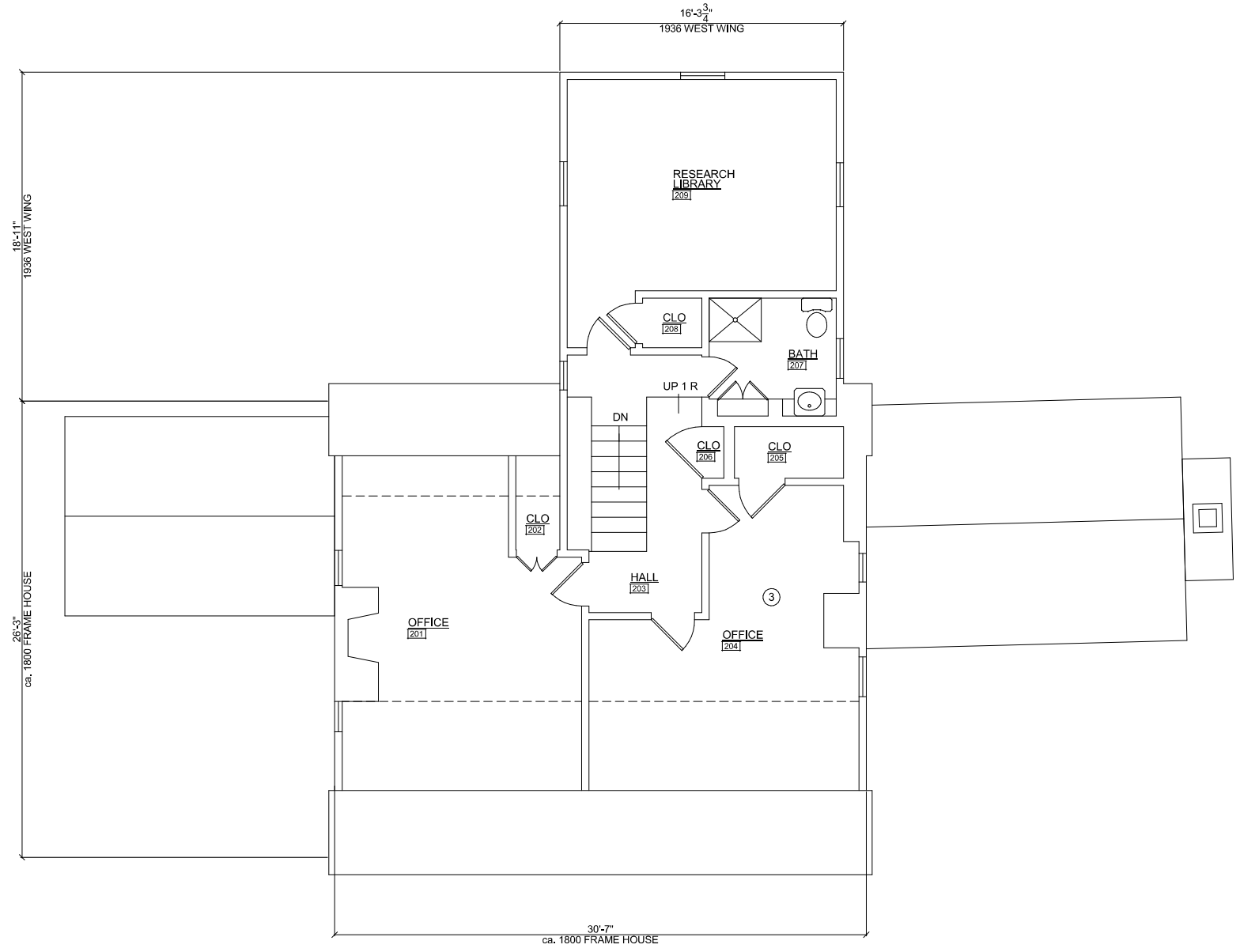
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

FIRST FLOOR PLAN

HSR RECOMMENDATIONS
 OPTION 16.A: REPAIR DAMAGED MATERIALS AND RESTORE THE DESIGN IN ACCORDANCE WITH THE 1936 DRAWINGS PROVIDED BY M-NCPPC. (MINUS THE SEWING ROOM, CLOSET, AND PANELING), USE THE SPACE AS LIMITED OFFICE AND STORAGE SPACE, TO THE EXTENT THAT MAY BE ALLOWED BY CODE.

FACILITY PLAN PROPOSAL

- ③ CONVERT TO OFFICE USE.



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

NOT FOR CONSTRUCTION

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SECOND FLOOR PLAN

A-HH

SHT. # 22 of 52
 MAY 28, 2013

FINAL SCANNED

PLAN SCANNED

C-0

PARK CODE:

11-2

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1 EXTERIOR ELEVATION - EAST
SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION - NORTH
SCALE: 1/4" = 1'-0"



3 EXTERIOR ELEVATION - WEST
SCALE: 1/4" = 1'-0"



4 EXTERIOR ELEVATION - SOUTH
SCALE: 1/4" = 1'-0"

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Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

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Silver Spring, Maryland 20901
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REVIEW AND APPROVAL

Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXTERIOR ELEVATIONS

A-HH

SHT. # 23 of 52
MAY 28, 2013



1 131 FIRST FLOOR RCP
SCALE: 1/4" = 1'-0"

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REVISIONS		
Rev. No.	Date	Description

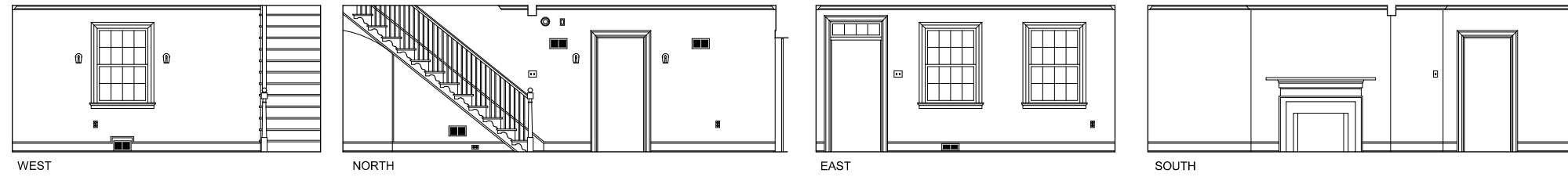
Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

FIRST FLOOR REFLECTED CEILING PLAN

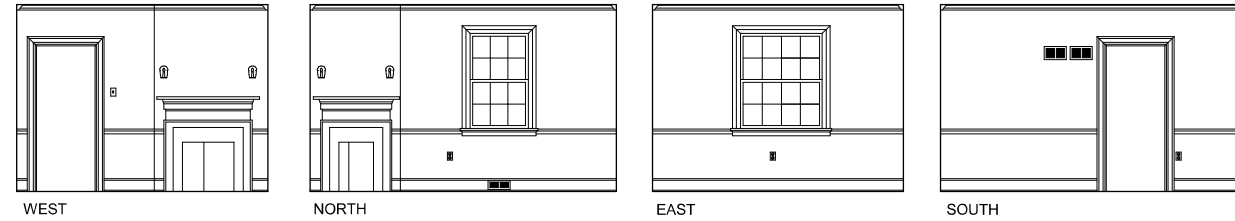
A-HH

SHT. # 24 of 52
MAY 28, 2013

LIVING ROOM
102



STUDY
103



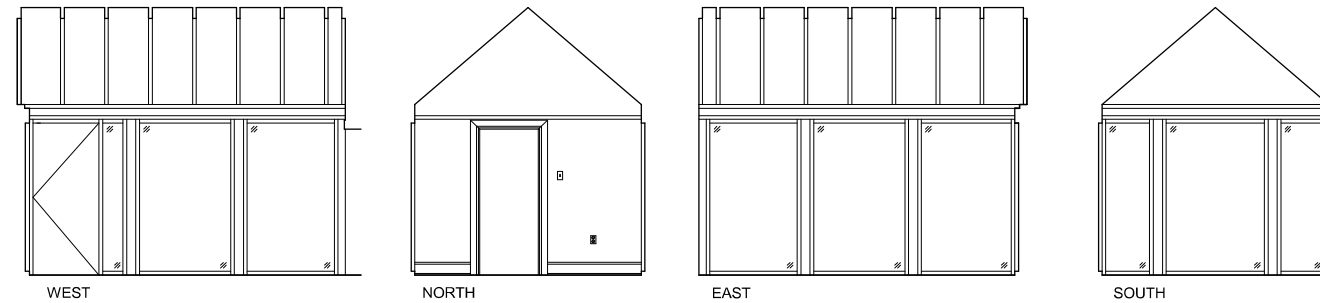
DINING ROOM
104



LOG KITCHEN
101



SCREENED-IN SOUTH PORCH
105



KITCHEN
107



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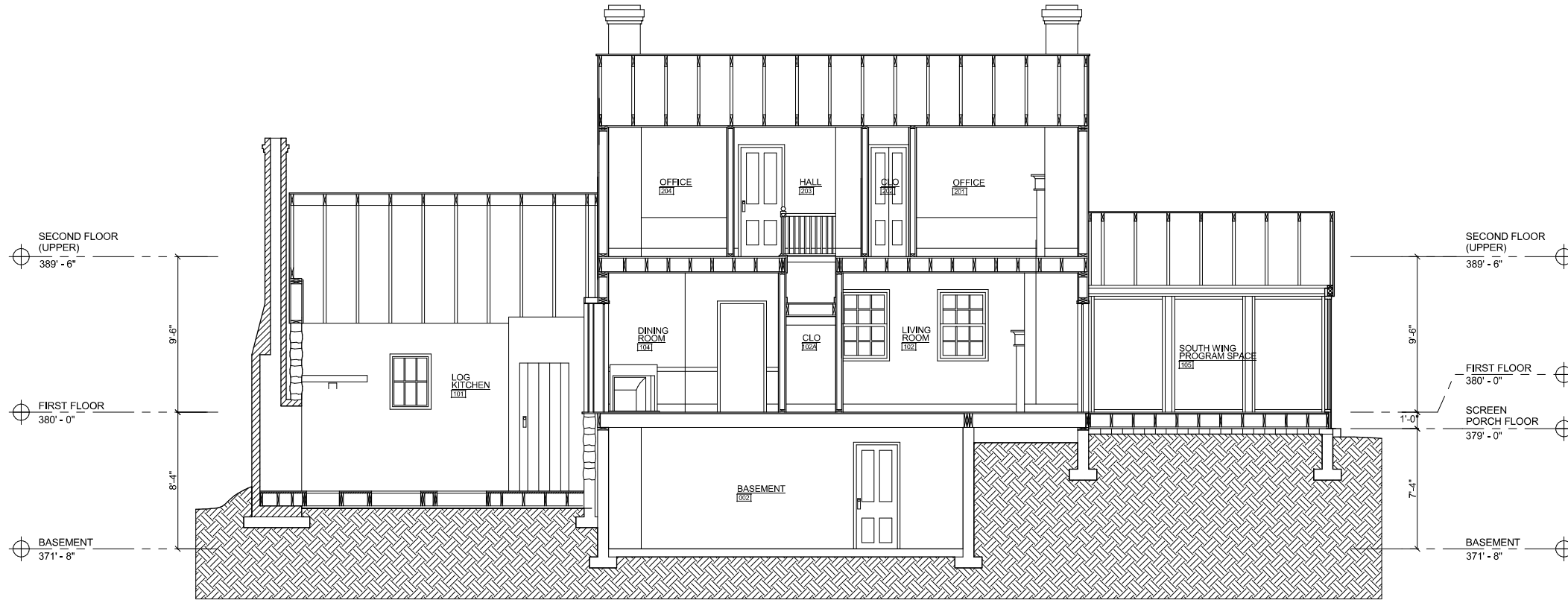
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Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

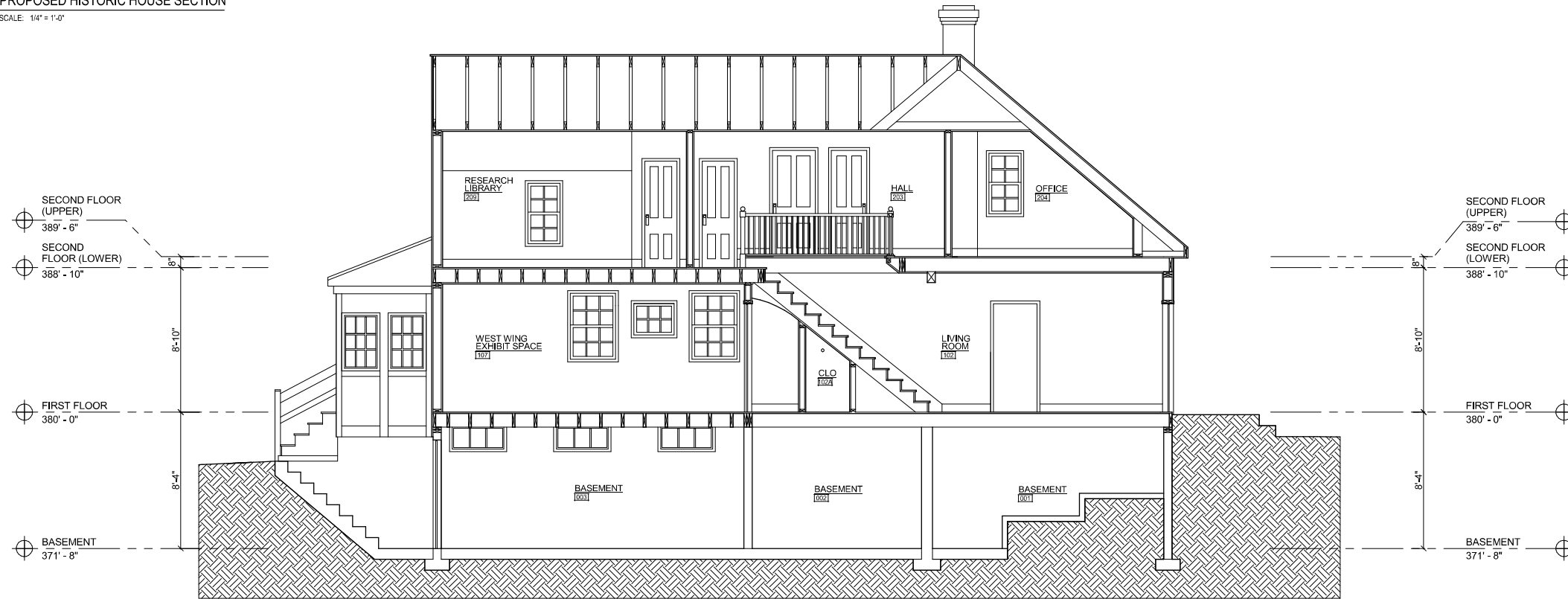
Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

INTERIOR ELEVATIONS

A-HH



1 PROPOSED HISTORIC HOUSE SECTION
 SCALE: 1/4" = 1'-0"



2 PROPOSED HISTORIC HOUSE SECTION
 SCALE: 1/4" = 1'-0"

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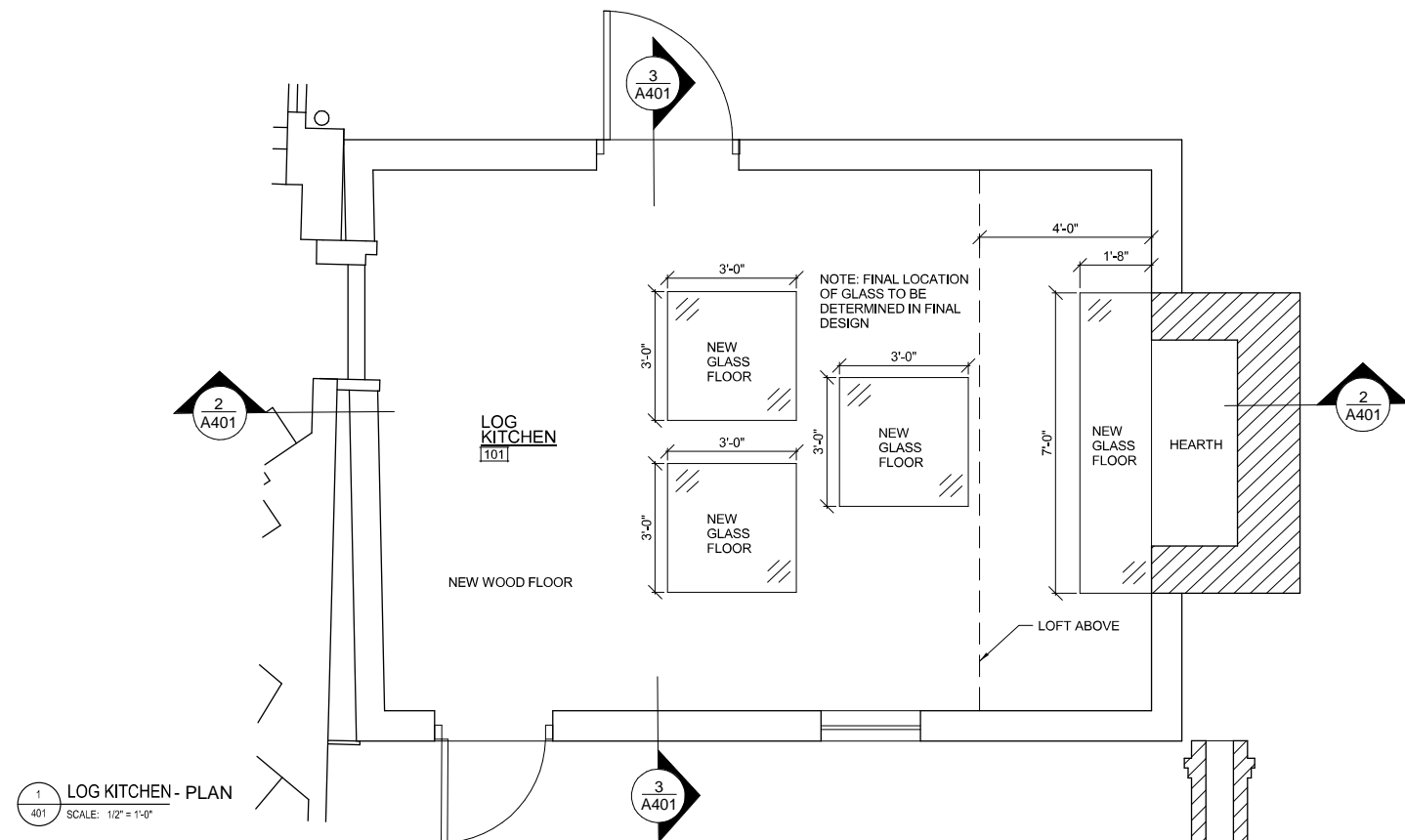
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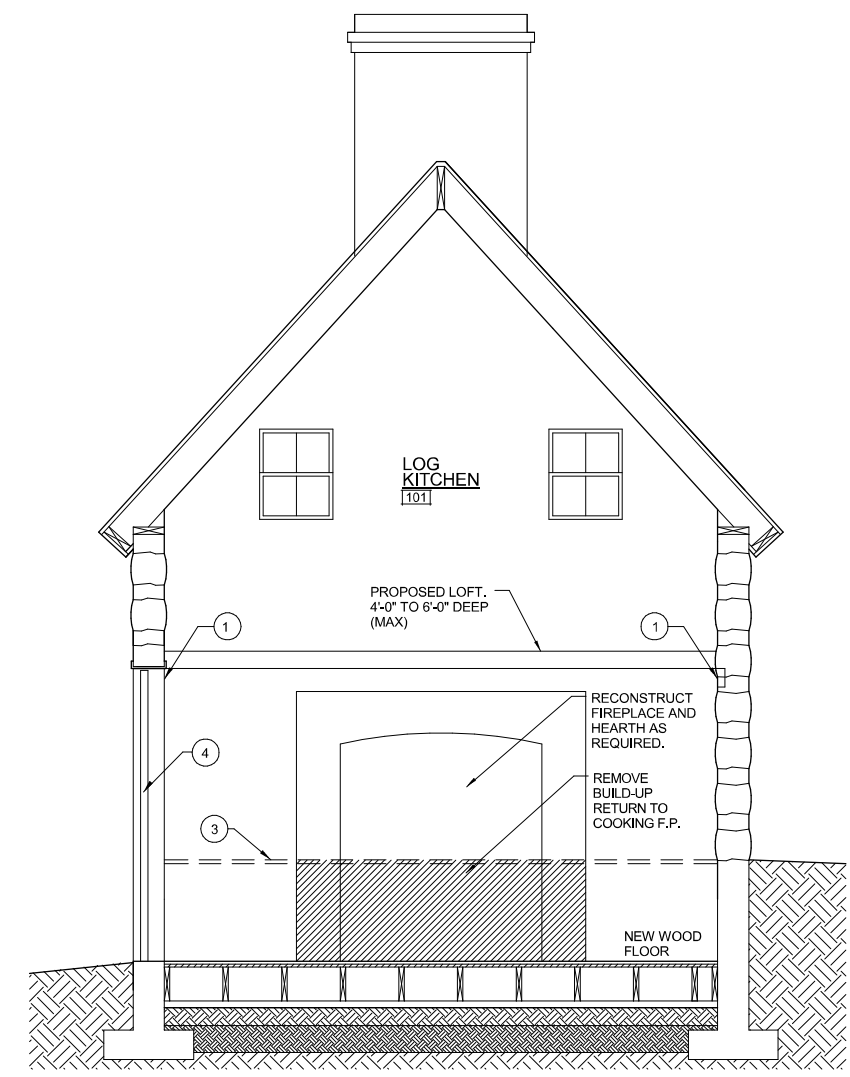
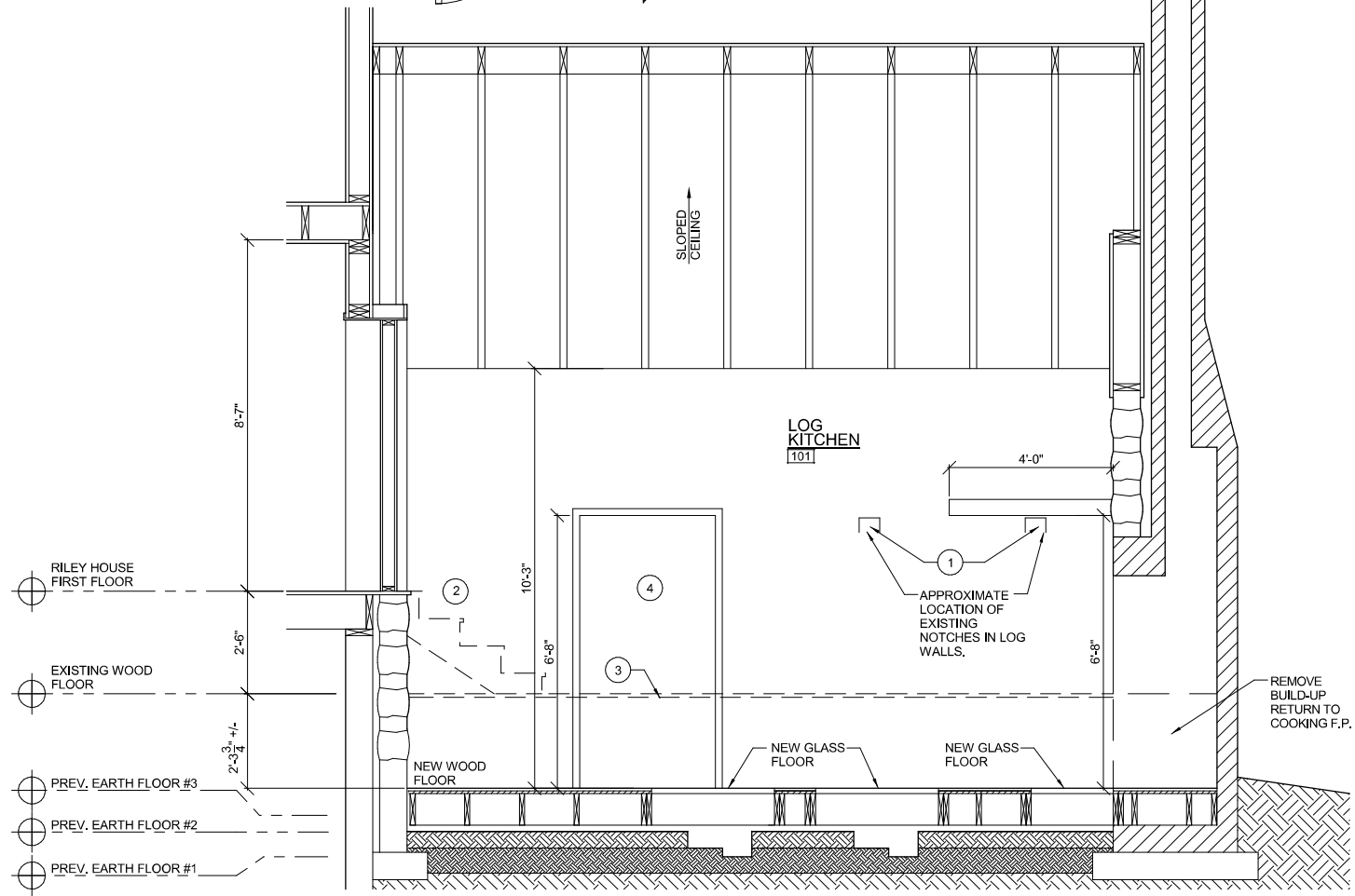
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

BUILDING SECTIONS

A-HH



- 1 LOCATE RECONSTRUCTED LOFT JOISTS AT WALL NOTCHES.
- 2 REMOVE EXISTING STEPS.
- 3 REMOVE EXISTING FLOOR.
- 4 PROPOSED DOOR LOCATION (REMOVE EXISTING WINDOW AND PROVIDE NEW DOOR)



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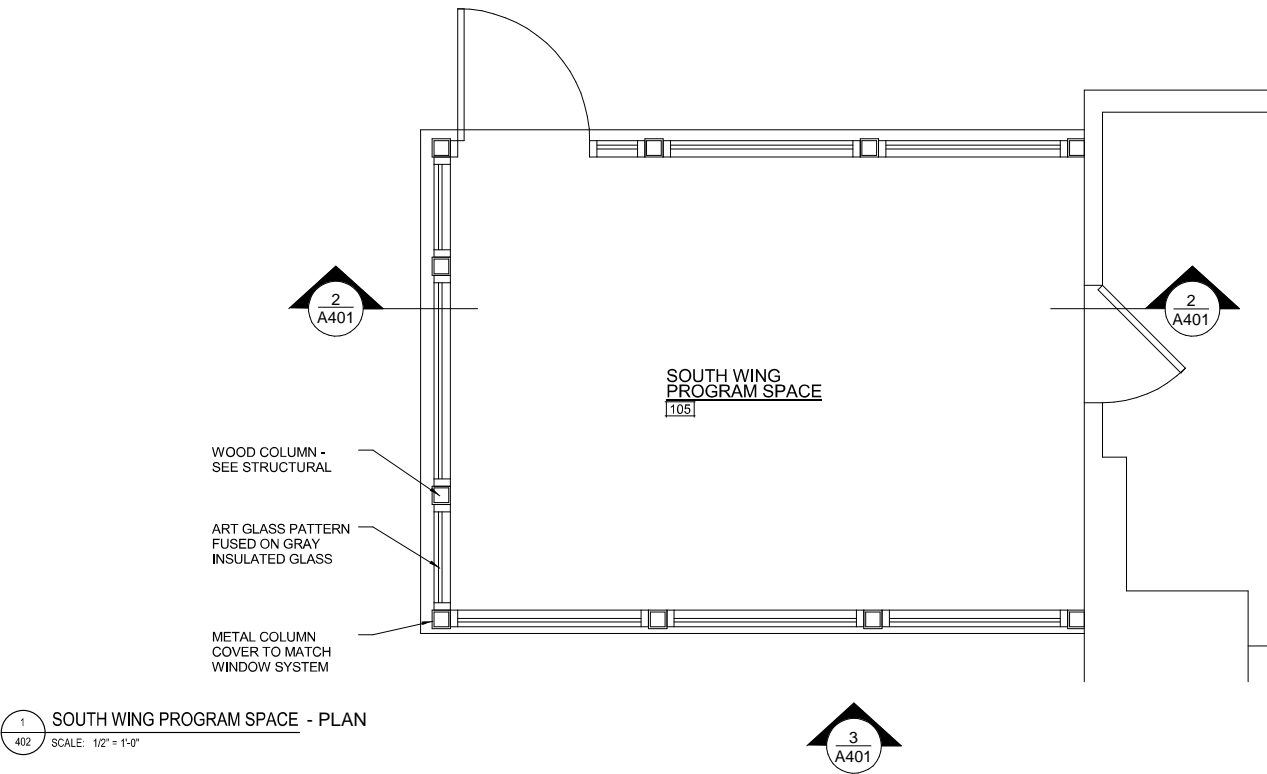
REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

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REVISIONS		
Rev. No.	Date	Description

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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

LOG KITCHEN - ENLARGED PLAN

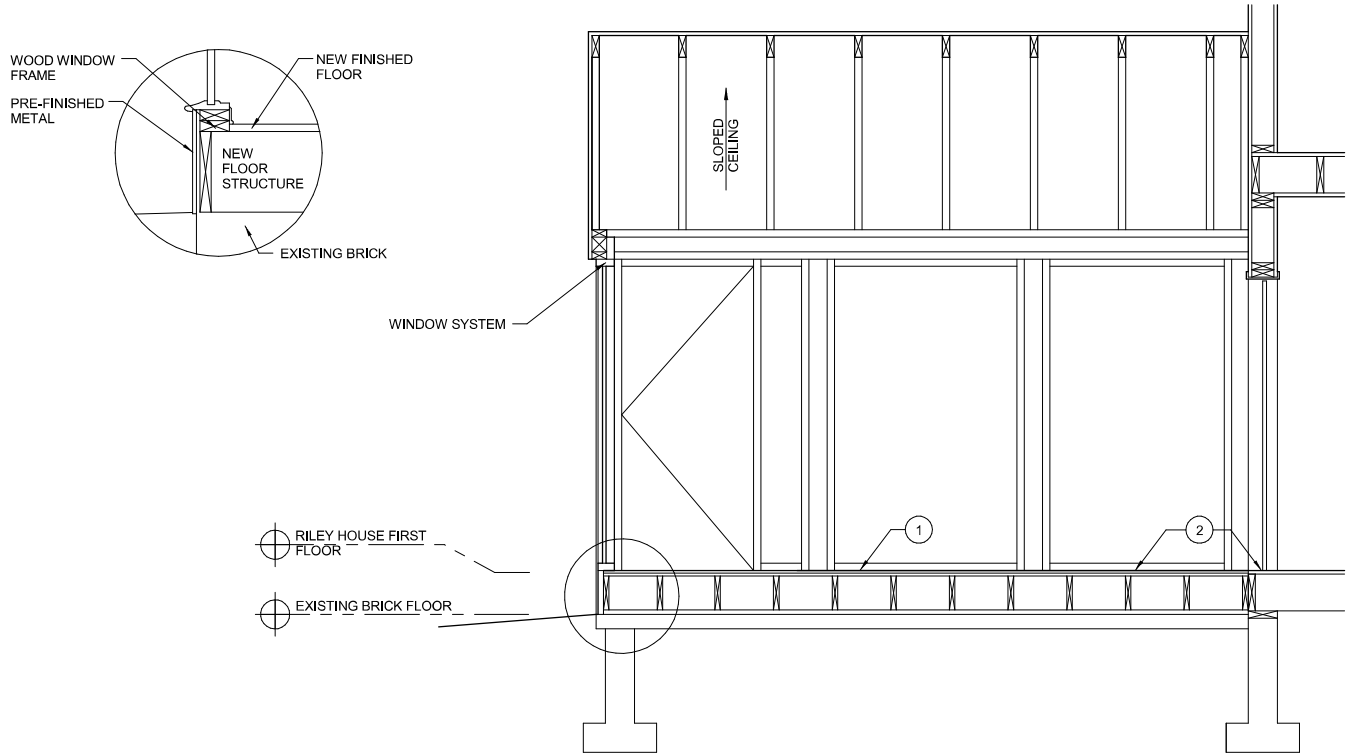
A-HH
SHT. # 28 of 52
MAY 28, 2013



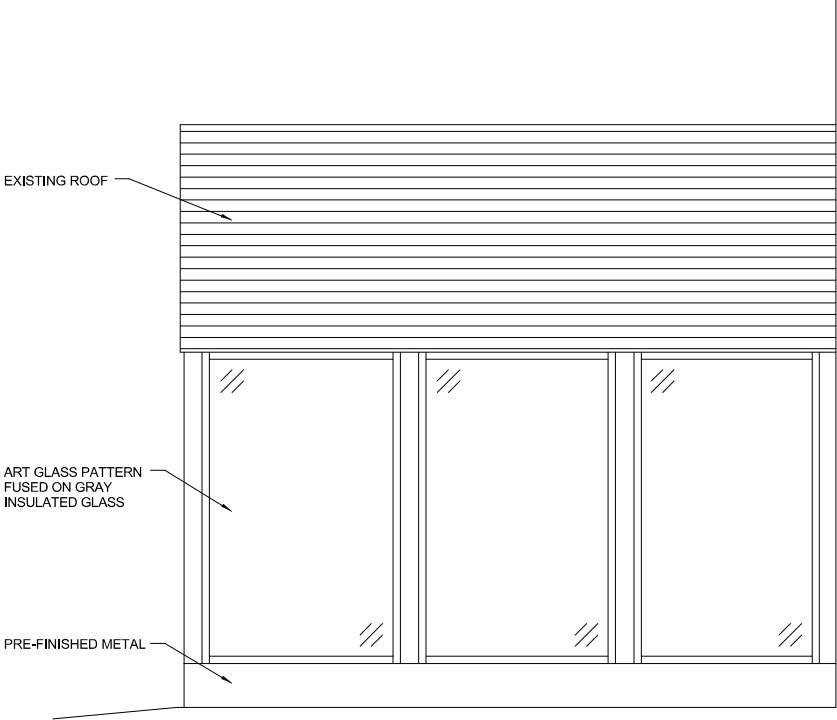
1 SOUTH WING PROGRAM SPACE - PLAN
402 SCALE: 1/2" = 1'-0"

HSR RECOMMENDATIONS
OPTION 15.B: COMPLETELY REBUILD THIS SPACE TO PROVIDE ONE MORE ROOM FOR THE HOUSE.

- 1 NEW FLOOR TO BE CONSTRUCTED ABOVE EXISTING BRICK.
- 2 NEW FLOOR TO BE AT THE SAME LEVEL AS EXISTING FIRST FLOOR.



2 SOUTH WING PROGRAM SPACE - SECTION
402 SCALE: 1/2" = 1'-0"



3 SOUTH WING PROGRAM SPACE - ELEVATION
402 SCALE: 1/2" = 1'-0"

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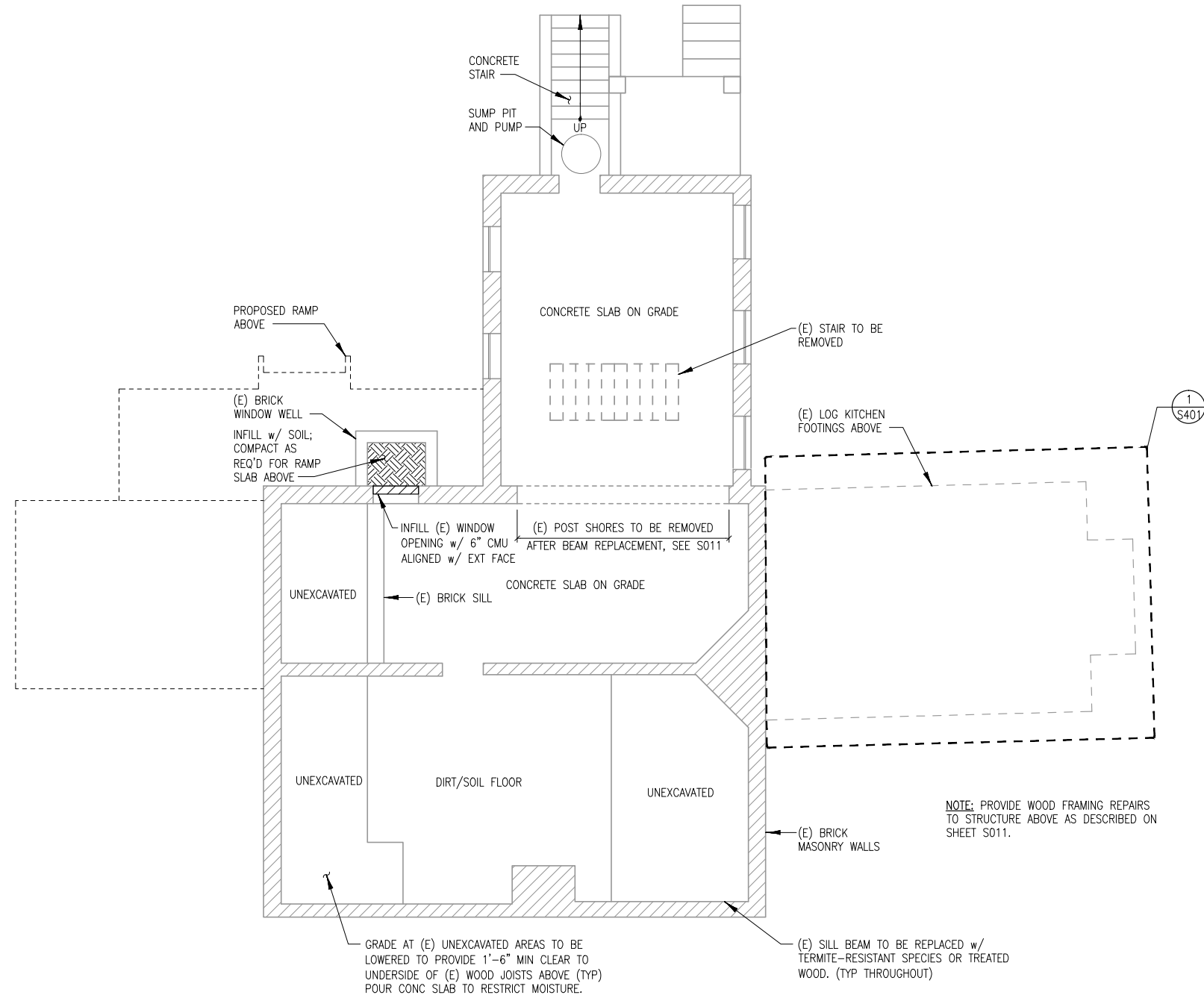
ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

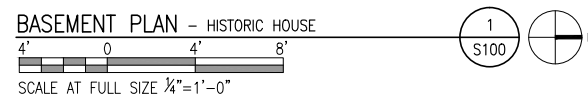
SOUTH WING PROGRAM SPACE - ENLARGED PLAN

A-HH

SHT. # 29 of 52
MAY 28, 2013



NOTE: PROVIDE WOOD FRAMING REPAIRS TO STRUCTURE ABOVE AS DESCRIBED ON SHEET S011.



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Project Manager	Date
Construction Manager	Date
Park Manager	Date

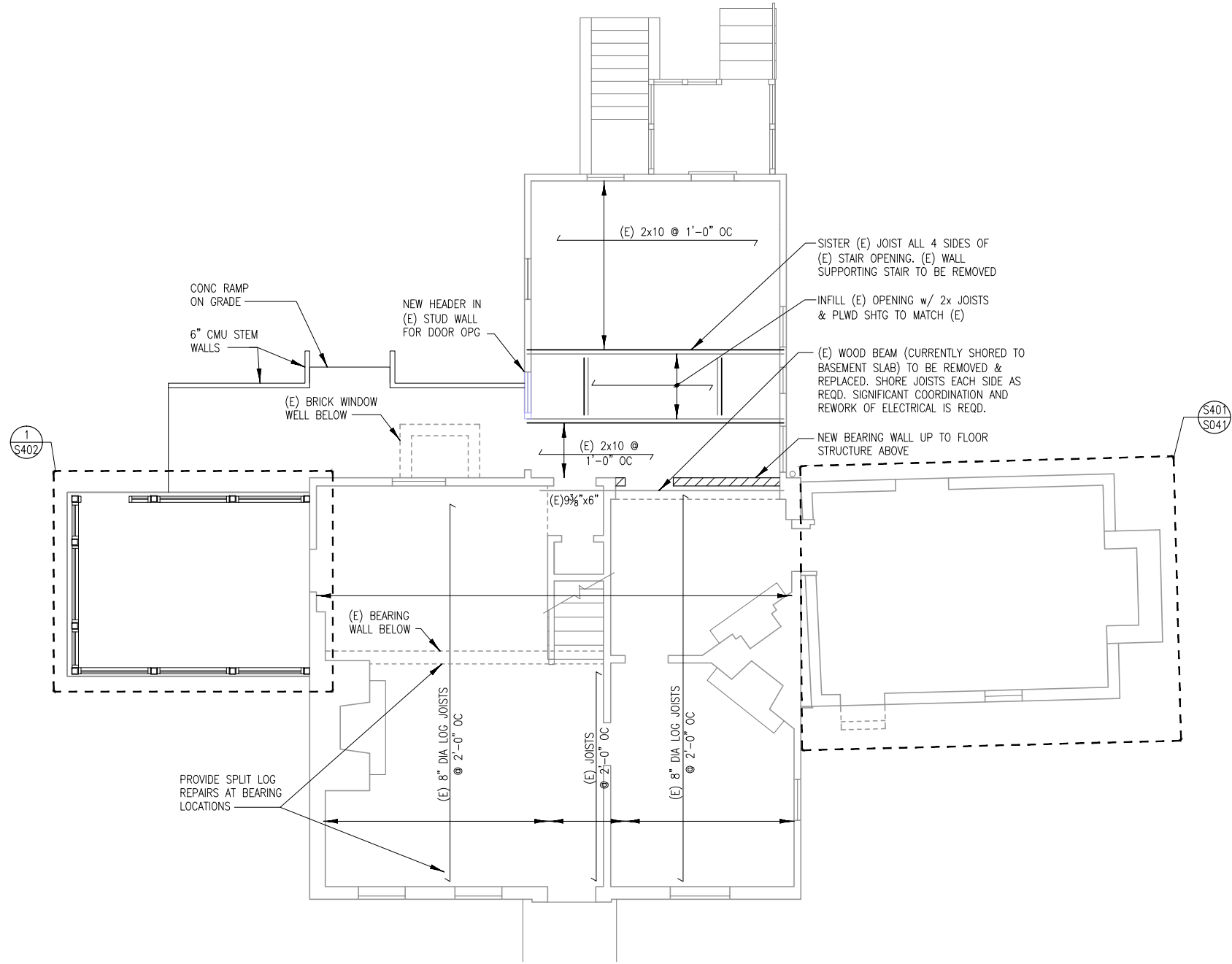
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

BASEMENT PLAN

S-HH

SHT. # 31 of 52
MAY 28, 2013



FIRST FLOOR PLAN - HISTORIC HOUSE
 SCALE AT FULL SIZE 1/4"=1'-0"
 1/S101

NOTE:
 PROVIDE MISCELLANEOUS BLOCKING/NAILING/HANGERS/STRAPS AT NON-COMPLIANT (E) FRAMING/OPENING CONDITIONS (TO BE FULLY DESCRIBED IN CONSTRUCTION DOCUMENT PHASE)

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Project Manager	Date
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REVISIONS		
Rev. No.	Date	Description

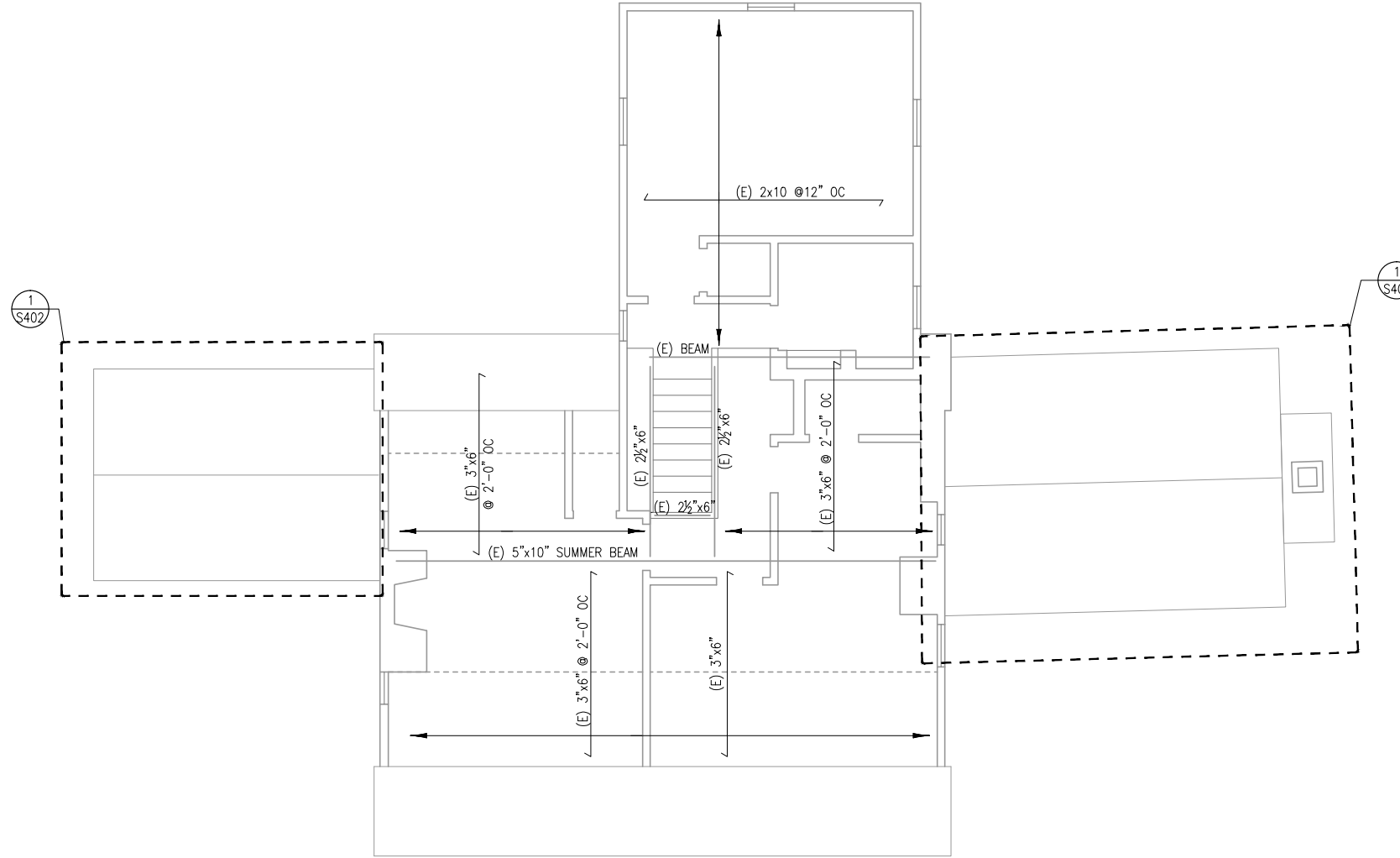
Josiah Henson Park - Facility Plan
 11420 Old Georgetown Road, Rockville, MD 20852
 RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

FIRST FLOOR PLAN

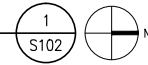
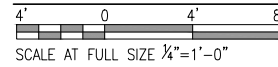
S-HH

SHT. # 32 of 52
 MAY 28, 2013

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SECOND FLOOR PLAN - HISTORIC HOUSE



NOTE:
RESTRICT ACCESS AND OTHER FURNITURE/ STORAGE AT 2nd FLOOR SUCH THAT LIVE LOAD ON FLOORS LIMITED TO MAXIMUM VALUES ON PLAN (TO BE FINALIZED IN CONSTITUTION DOCUMENT PHASE)

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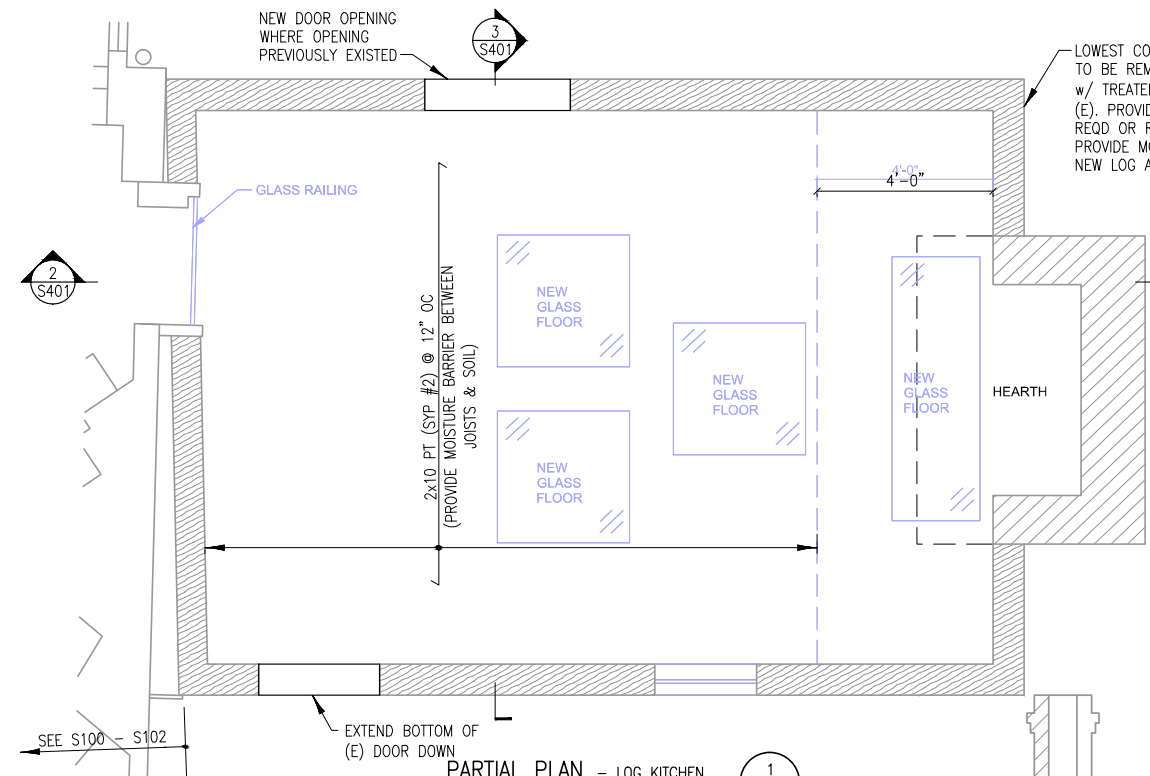
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

ROOF PLAN

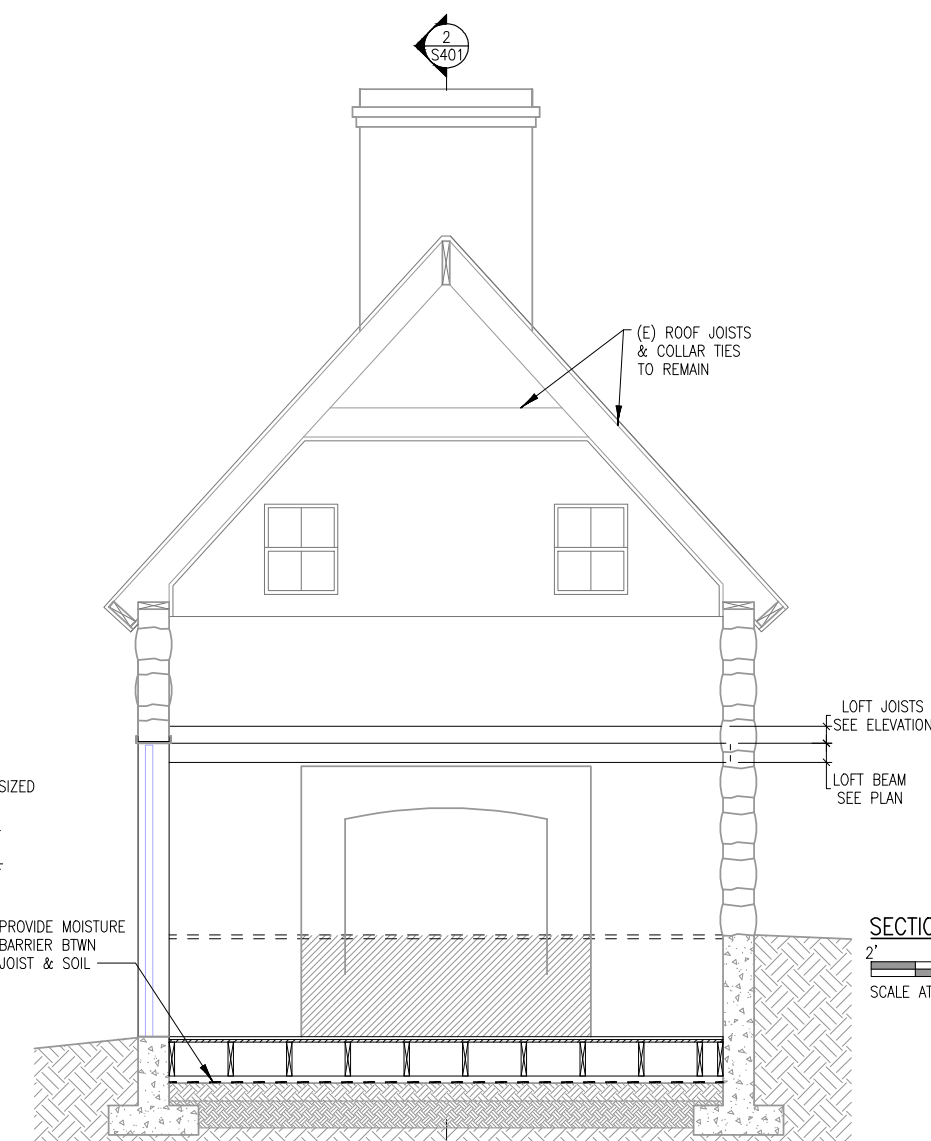
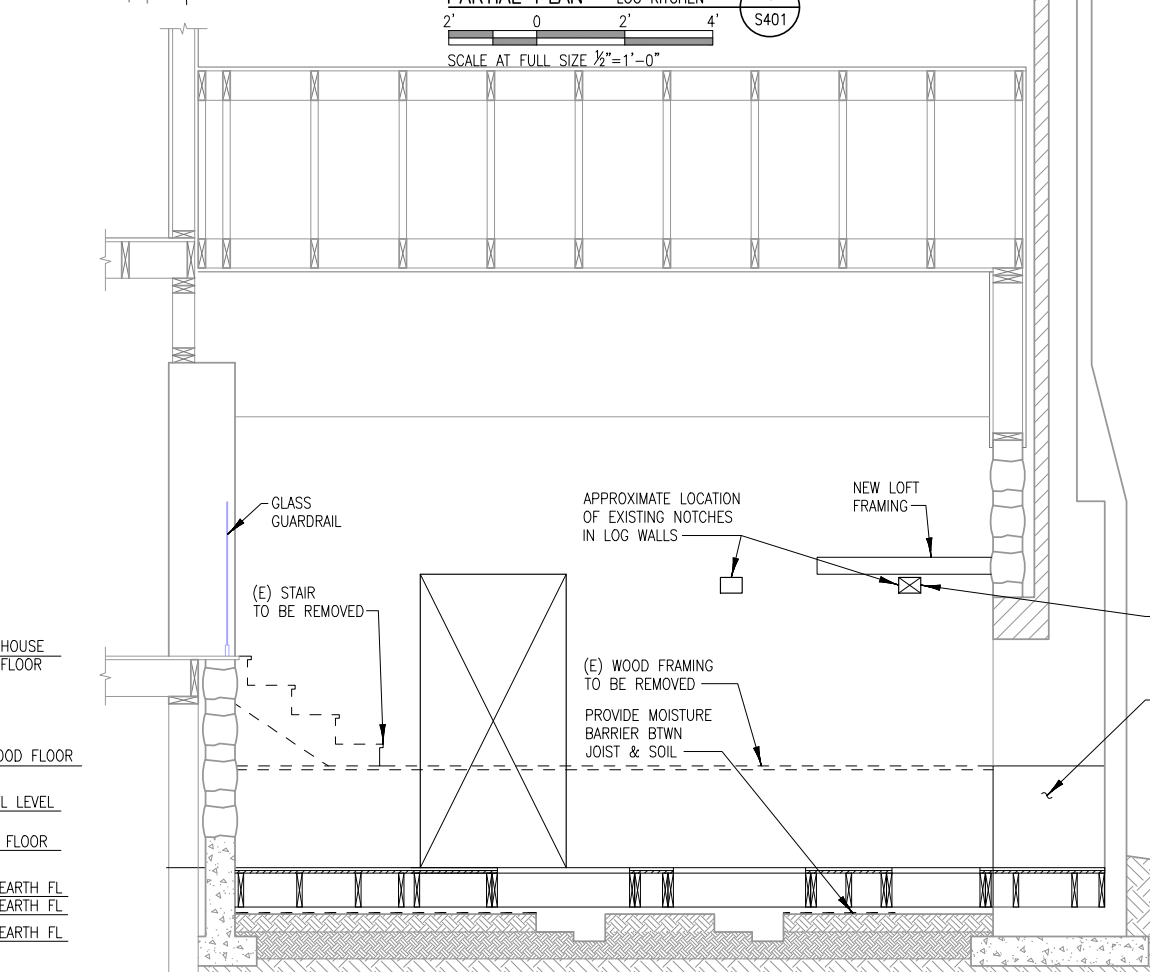
S-HH

SHT. # 33 of 52
MAY 28, 2013

FINAL SCANNED. PLAN SCANNED. PARK CODE: CTU



- NOTES:**
1. EXTERIOR LANDSCAPING AND GRADING TO BE REVISED TO ALLOW AIR CIRCULATION ABOVE GRADE AND NO SOIL IN CONTACT w/ LOG FRAMING.
 2. TREAT EXISTING LOGS TO REMAIN w/ BORATE RODS (TYPE/LOCATION/SPACING TO BE DETERMINED)



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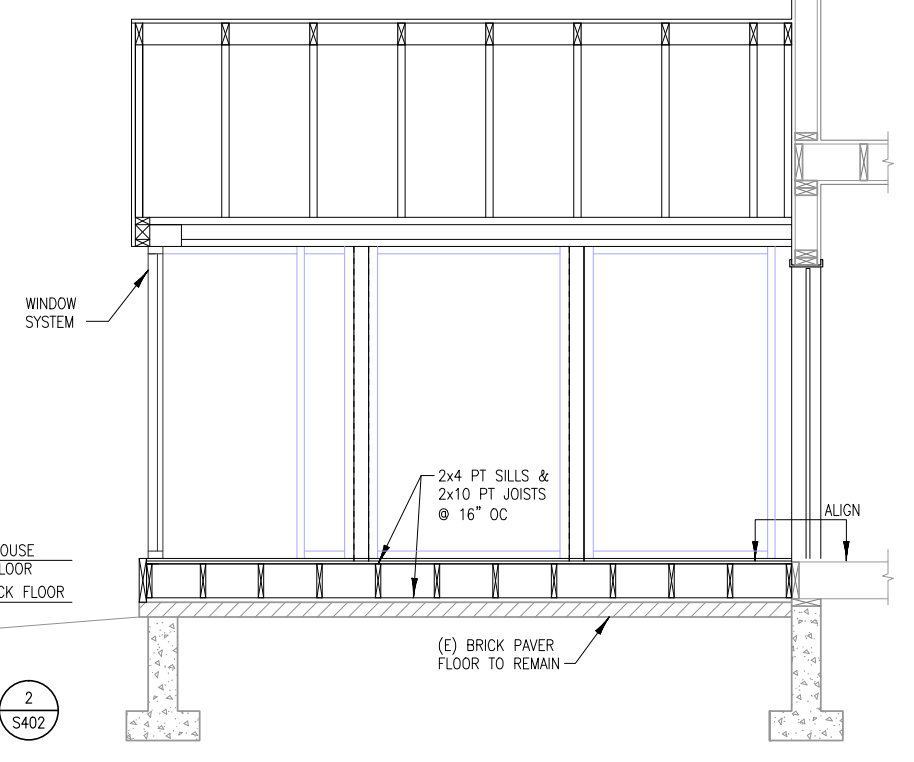
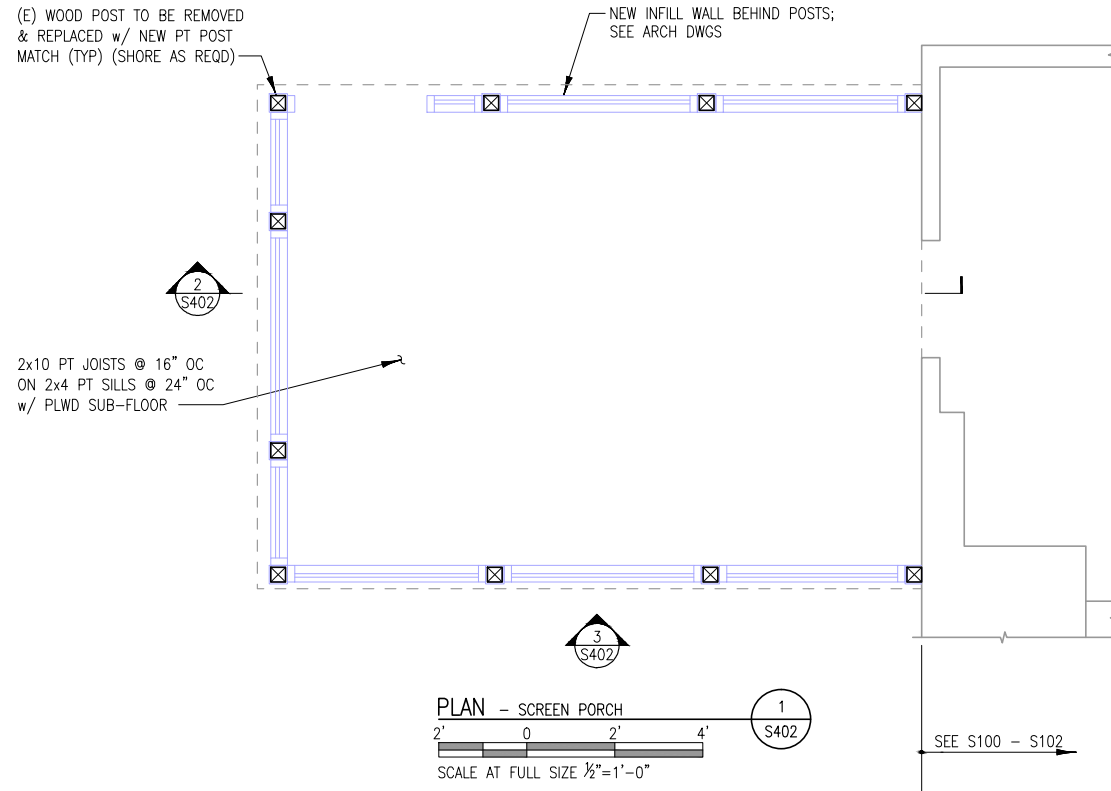
Josiah Henson Park - Facility Plan
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

LOG KITCHEN PLAN & SECTION

S-HH

SHT. # 34 of 52
MAY 28, 2013

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11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

SOUTH WING PROGRAM SPACE
PLAN & SECTION

S-HH

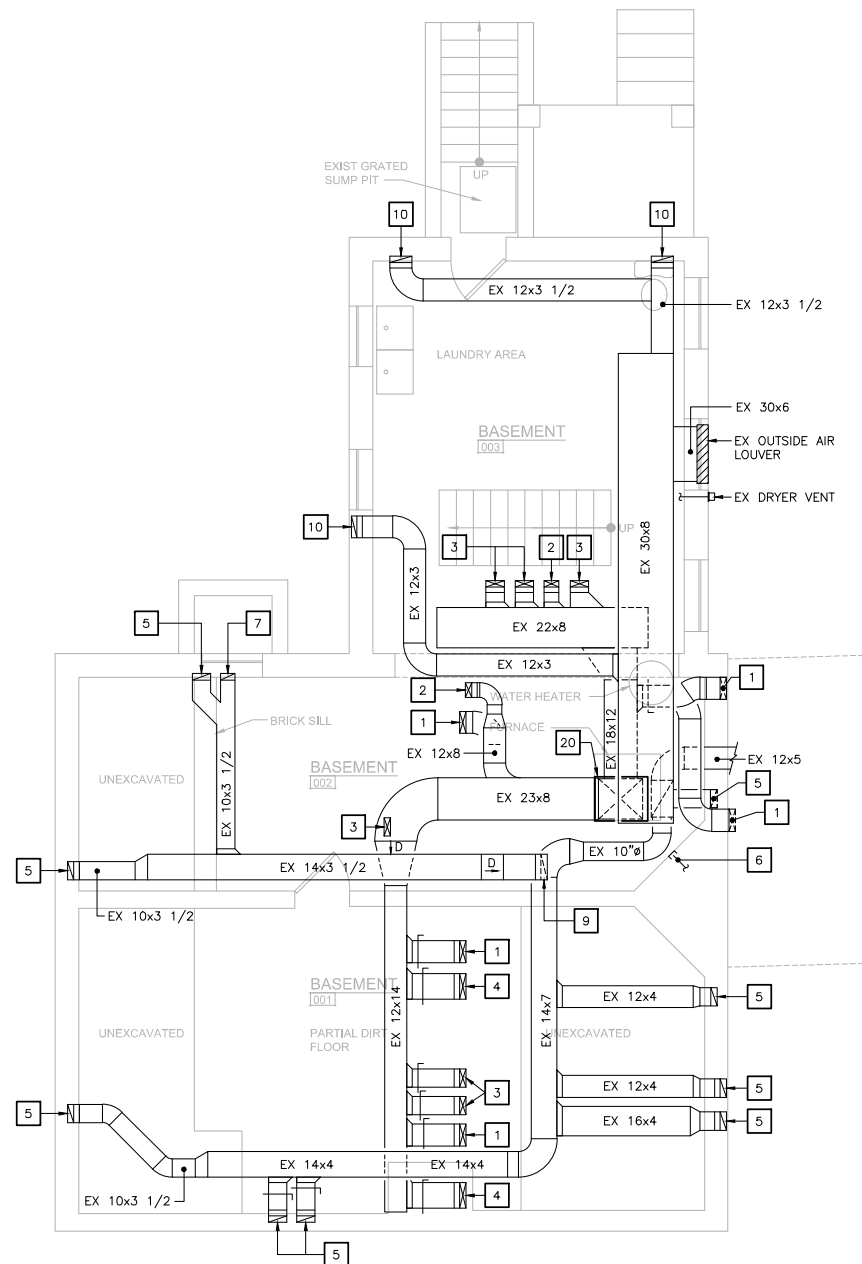
SHT. # 35 of 52
MAY 28, 2013

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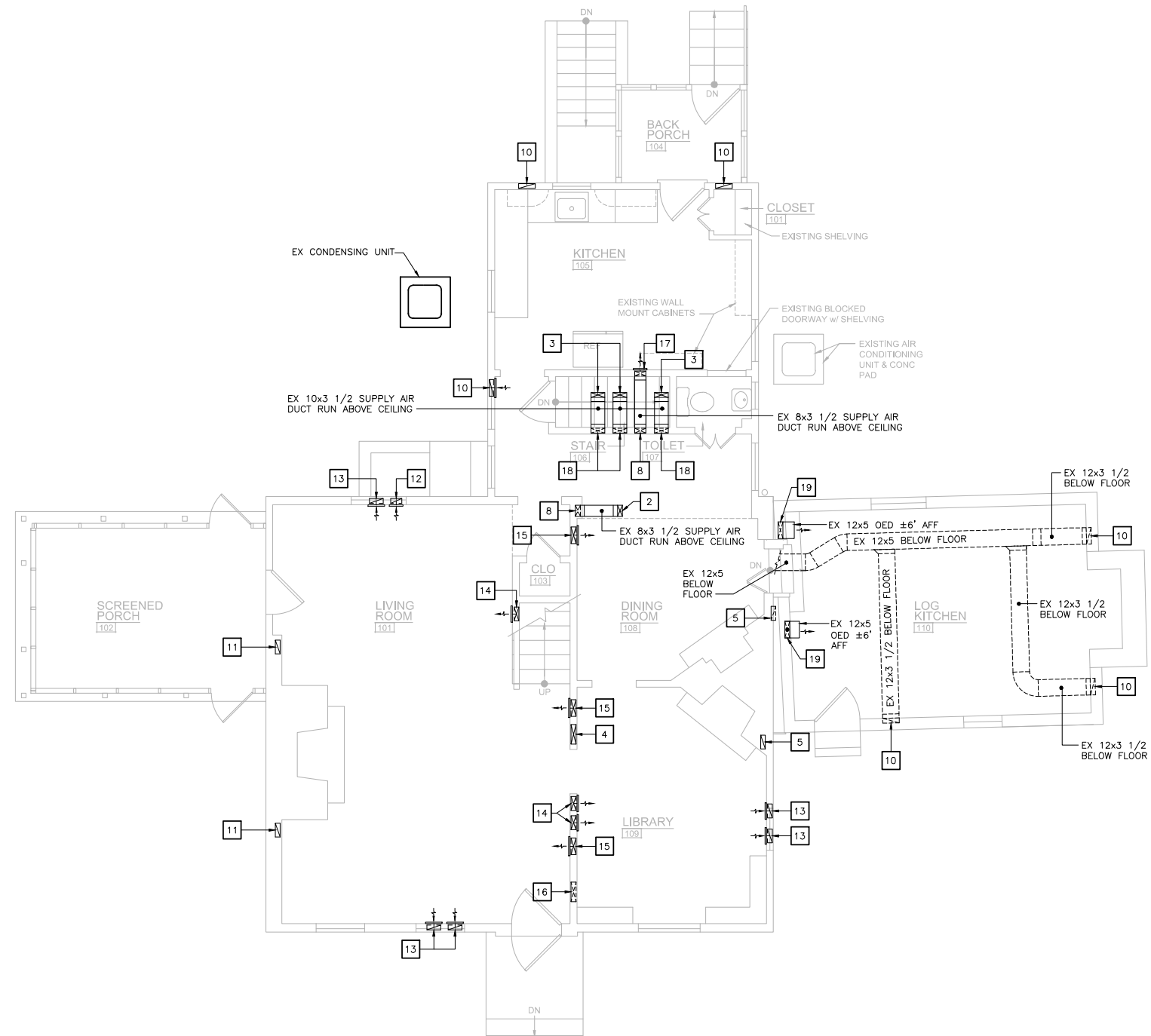
FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10



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



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

DRAWING NOTES:

- 1 EXISTING 12x3 1/2 SUPPLY AIR DUCT UP.
- 2 EXISTING 8x3 1/2 SUPPLY AIR DUCT UP.
- 3 EXISTING 10x3 1/2 SUPPLY AIR DUCT UP.
- 4 EXISTING 14x3 1/2 SUPPLY AIR DUCT UP.
- 5 EXISTING 10x3 1/2 RETURN AIR DUCT FROM ABOVE.
- 6 EXISTING CAPPED 8" DIAMETER FLUE VENT FROM REMOVED FURNACE.
- 7 EXISTING 8x3 1/2 RETURN AIR DUCT FROM ABOVE.
- 8 EXISTING 8x3 1/2 SUPPLY AIR DUCT DOWN.
- 9 EXISTING 14x3 1/2 RETURN AIR DUCT DOWN INTO TOP OF EXISTING 14x7 RETURN AIR DUCT.
- 10 EXISTING 12x3 1/2 RETURN AIR DUCT DOWN FROM ABOVE.
- 11 EXISTING 10x3 1/2 RETURN AIR DUCT DOWN FROM ABOVE.
- 12 EXISTING 8x3 1/2 RETURN AIR DUCT WITH GRILLE DOWN.
- 13 EXISTING 10x3 1/2 RETURN AIR DUCT WITH GRILLE DOWN.
- 14 EXISTING 10x3 1/2 SUPPLY AIR DUCT WITH REGISTER DOWN.
- 15 EXISTING 12x3 1/2 SUPPLY AIR DUCT WITH REGISTER DOWN.
- 16 EXISTING 14x3 SUPPLY AIR DUCT UP/DOWN.
- 17 EXISTING 12x3 1/2 SUPPLY AIR DUCT WITH REGISTER UP.
- 18 EXISTING 10x3 1/2 SUPPLY AIR DUCT DOWN.
- 19 EXISTING 12x3 1/2 SUPPLY AIR DOWN.
- 20 EXISTING HEAT PUMP AIR HANDLING UNIT.

MM CENTURY
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CONSULTING ENGINEERS - PLANNERS
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HUNT VALLEY, MD 21031
Phone: 443-589-2400 Fax: 443-589-2401

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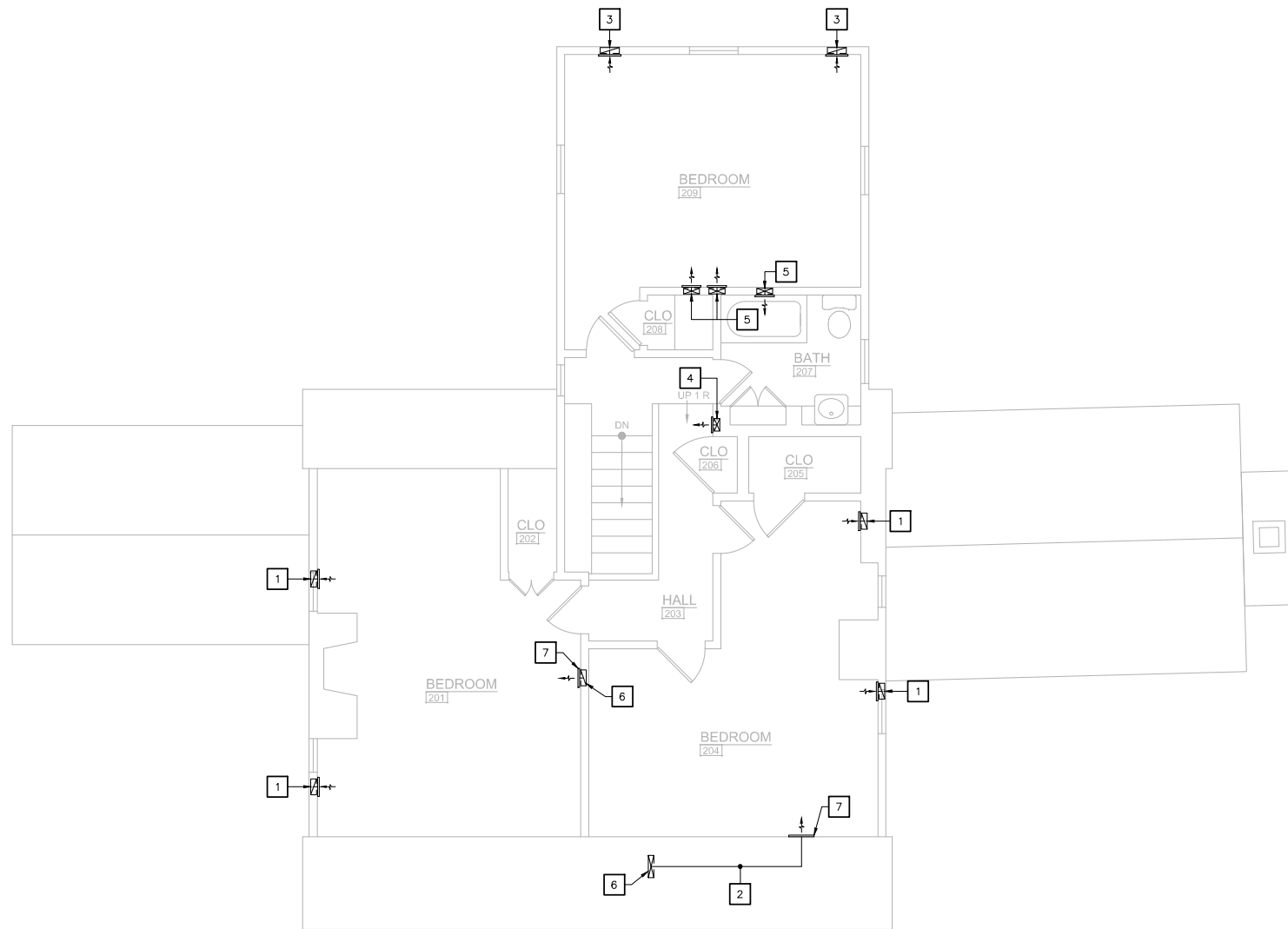
Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXISTING CONDITIONS - MECHANICAL

NOT FOR CONSTRUCTION

M-HH

SHT. # 36 of 52
MAY 28, 2013



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

DRAWING NOTES:

- 1 EXISTING 10x3 1/2 RETURN AIR DUCT WITH GRILLE DOWN.
- 2 EXISTING SUPPLY AIR DUCT INSIDE SOFFIT.
- 3 EXISTING 12x3 1/2 RETURN AIR DUCT WITH GRILLE DOWN.
- 4 EXISTING 8x3 1/2 SUPPLY AIR DUCT WITH REGISTER DOWN.
- 5 EXISTING 10x3 1/2 SUPPLY AIR DUCT WITH REGISTER DOWN.
- 6 EXISTING 14x3 1/2 SUPPLY AIR DUCT BELOW.
- 7 EXISTING SUPPLY AIR REGISTER.

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Expiration Date _____

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The Maryland-National Capital
Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

**EXISTING CONDITIONS -
MECHANICAL**

M-HH

SHT. # 37 of 52
MAY 28, 2013

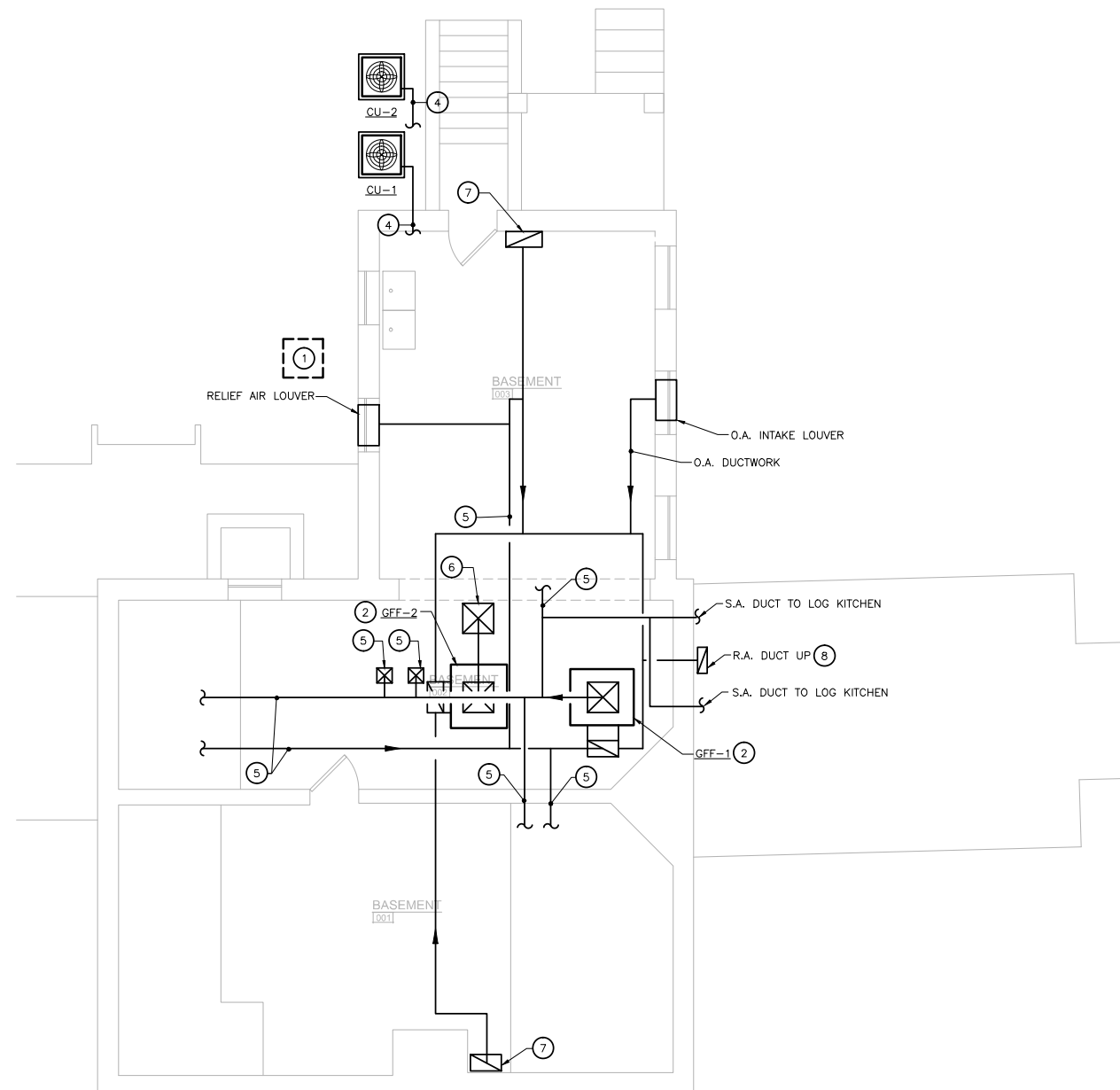
NOT FOR CONSTRUCTION

GENERAL NOTES:

1. REMOVE EXISTING HVAC EQUIPMENT, DUCTWORK, FUEL-OIL PIPING, AND FLUE TO EXISTING CHIMNEY.

DRAWING REFERENCE NOTES:

1. REMOVE EXISTING CONDENSING UNIT. RE-USE EXISTING DUCT ROUTING
2. HIGH EFFICIENCY GAS FIRED FURNACE WITH ELECTROSTATIC AIR CLEANER, AIR FILTERS AND HUMIDIFIER.
3. CONDENSING UNITS AT GRADE ON CONCRETE EQUIPMENT PADS.
4. REFRIGERANT PIPING TO FURNACES.
5. SA AND RA DUCTWORK TO FIRST FLOOR SPACES.
6. SA DUCTWORK UP TO SECOND FLOOR.
7. RA DUCTWORK UP TO SECOND FLOOR.
8. REMOVE EXISTING FUEL-OIL TANK AND CONDENSING UNIT.



BASEMENT FLOOR PLAN

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



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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

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BASEMENT FLOOR PLAN - MECHANICAL

NOT FOR CONSTRUCTION

M-HH

SHT. # 38 of 52
 MAY 28, 2013

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PLAN SCANNED:

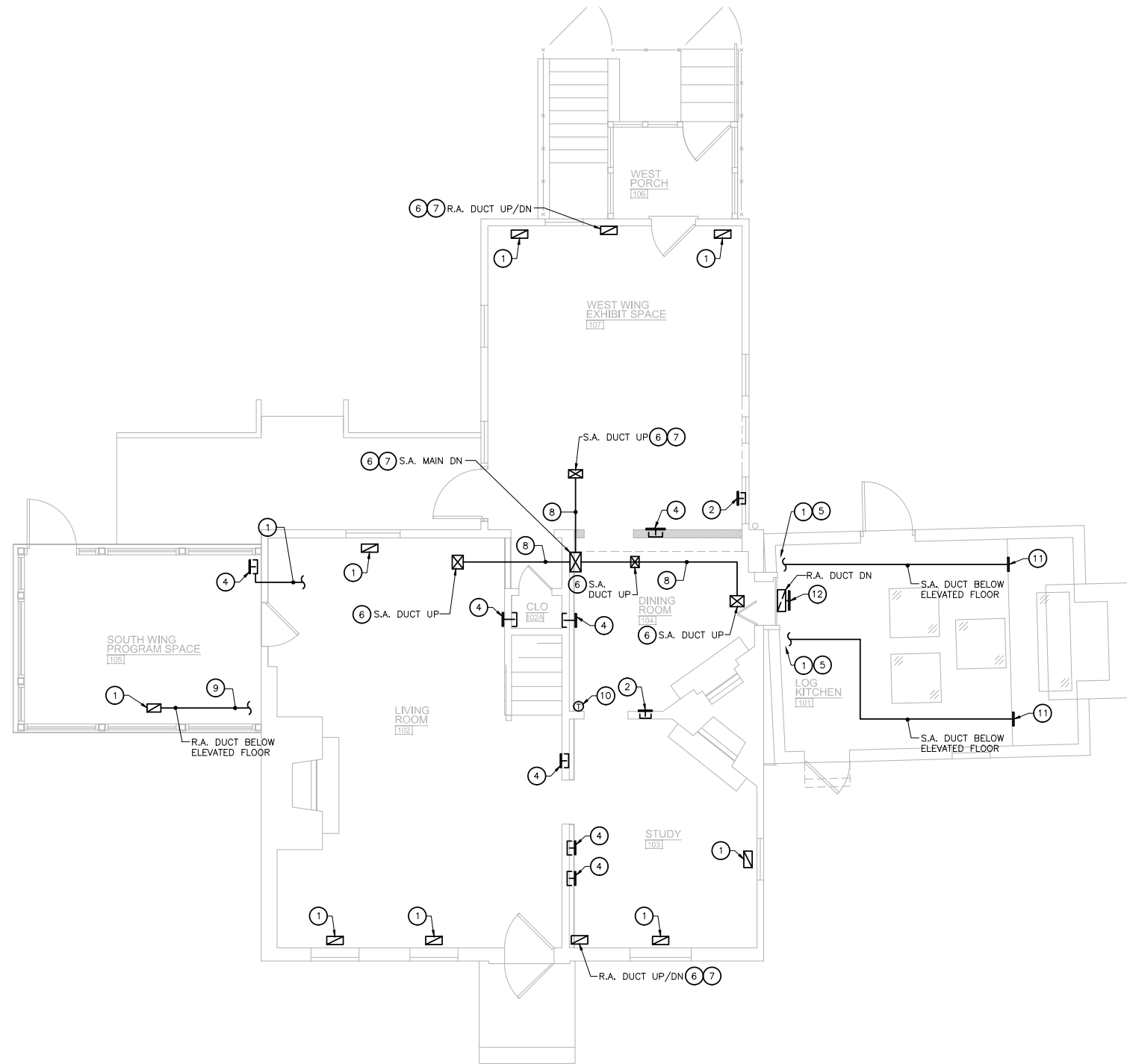
PARK CODE: C10

GENERAL NOTES:

1. REMOVE EXISTING DUCTWORK AND ASSOCIATED AIR DEVICES.

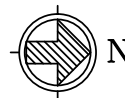
DRAWING REFERENCE NOTES:

- 1 FLOOR MOUNTED R.A. GRILLE.
- 2 WALL MOUNTED R.A. GRILLE AND DUCTWORK DOWN TO BASEMENT.
- 3 FLOOR MOUNTED S.A. REGISTER.
- 4 WALL MOUNTED S.A. REGISTER AND DUCTWORK DOWN TO BASEMENT.
- 5 RE-USE EXISTING S.A. DUCT ROUTING.
- 6 SERVING SECOND FLOOR SPACES.
- 7 COORDINATE ENCLOSURE TO CONCEAL DUCTWORK.
- 8 DUCTWORK ABOVE CEILING OR IN CONCEALED IN BULKHEAD.
- 9 S.A. AND R.A. DUCTWORK BELOW SLAB.
- 10 PROGRAMMABLE THERMOSTAT.
- 11 S.A. REGISTER IN LOFT AREA.
- 12 R.A. GRILLE CONCEALED IN LOW PLATFORM.



FIRST FLOOR PLAN

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



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FIRST FLOOR PLAN - MECHANICAL

NOT FOR CONSTRUCTION

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SHT. # 39 of 52
MAY 28, 2013

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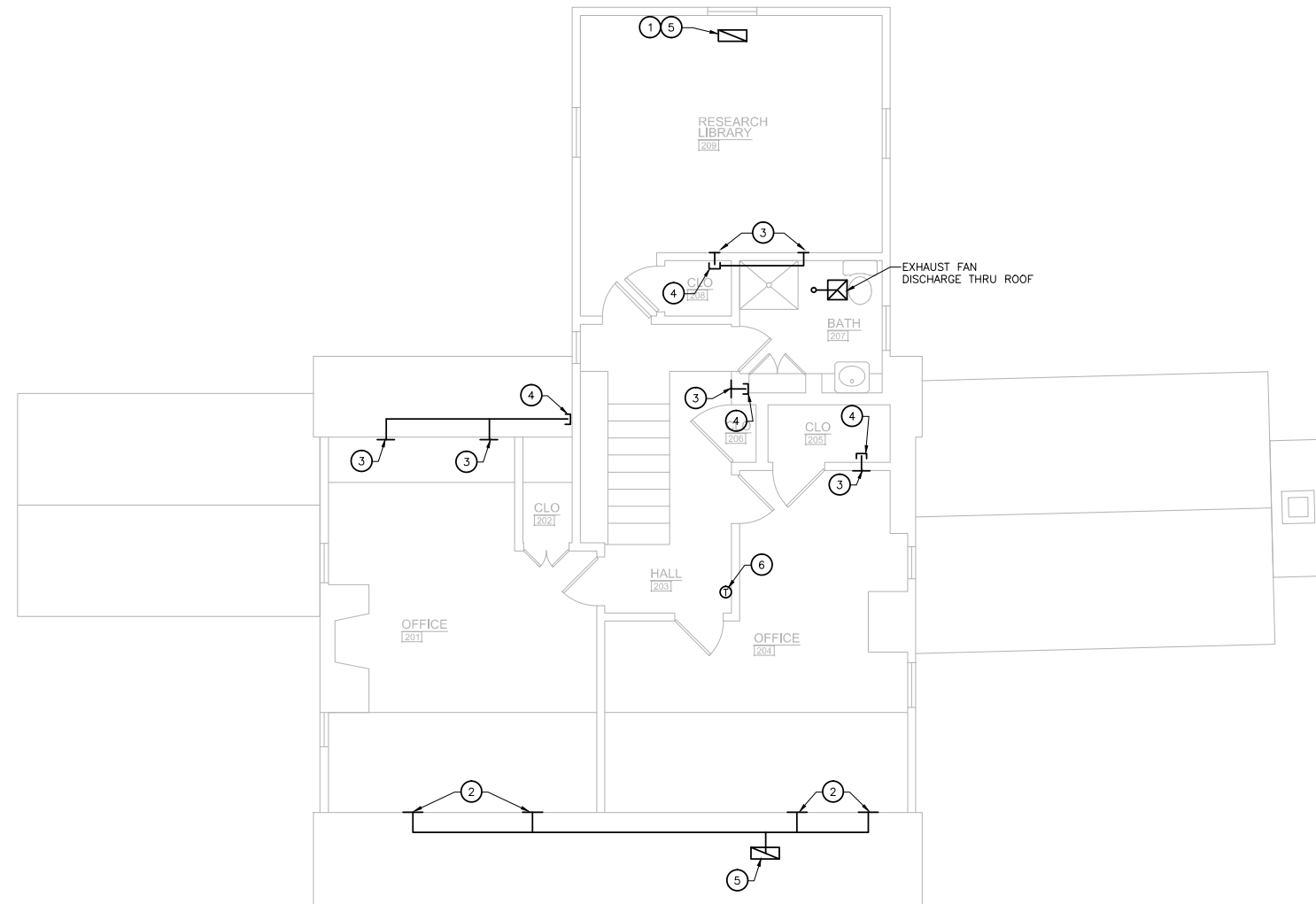
PARK CODE: C10

GENERAL NOTES:

- 1. REMOVE EXISTING DUCTWORK AND ASSOCIATED DEVICES.

DRAWING REFERENCE NOTES:

- 1 FLOOR MOUNTED RA GRILLE.
- 2 WALL MOUNTED RA GRILLE.
- 3 WALL MOUNTED SA REGISTER.
- 4 SA DUCT DN TO SPACE BELOW.
- 5 RA DUCT DN TO SPACE BELOW.
- 6 PROGRAMMABLE THERMOSTAT.



SECOND FLOOR PLAN

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



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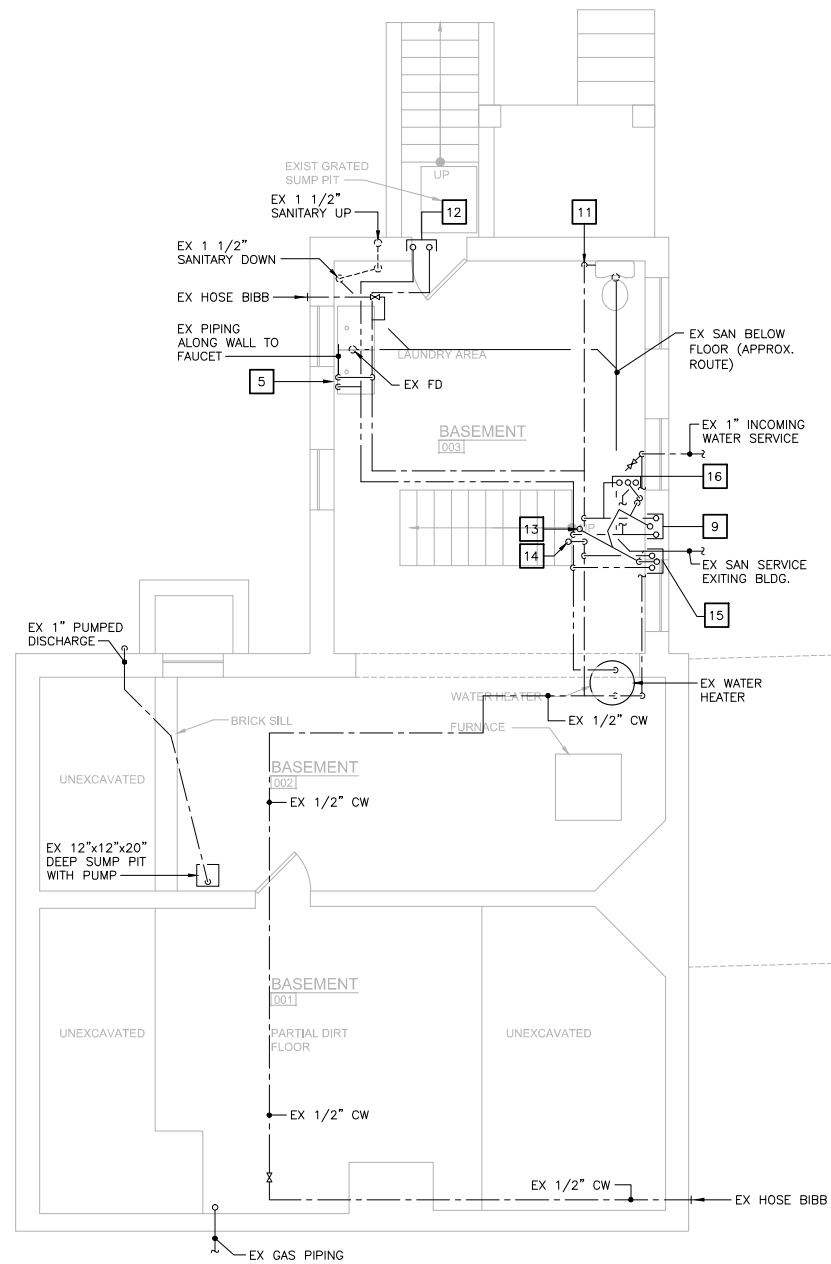
Josiah Henson Park - Facility Plan
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SECOND FLOOR PLAN - MECHANICAL

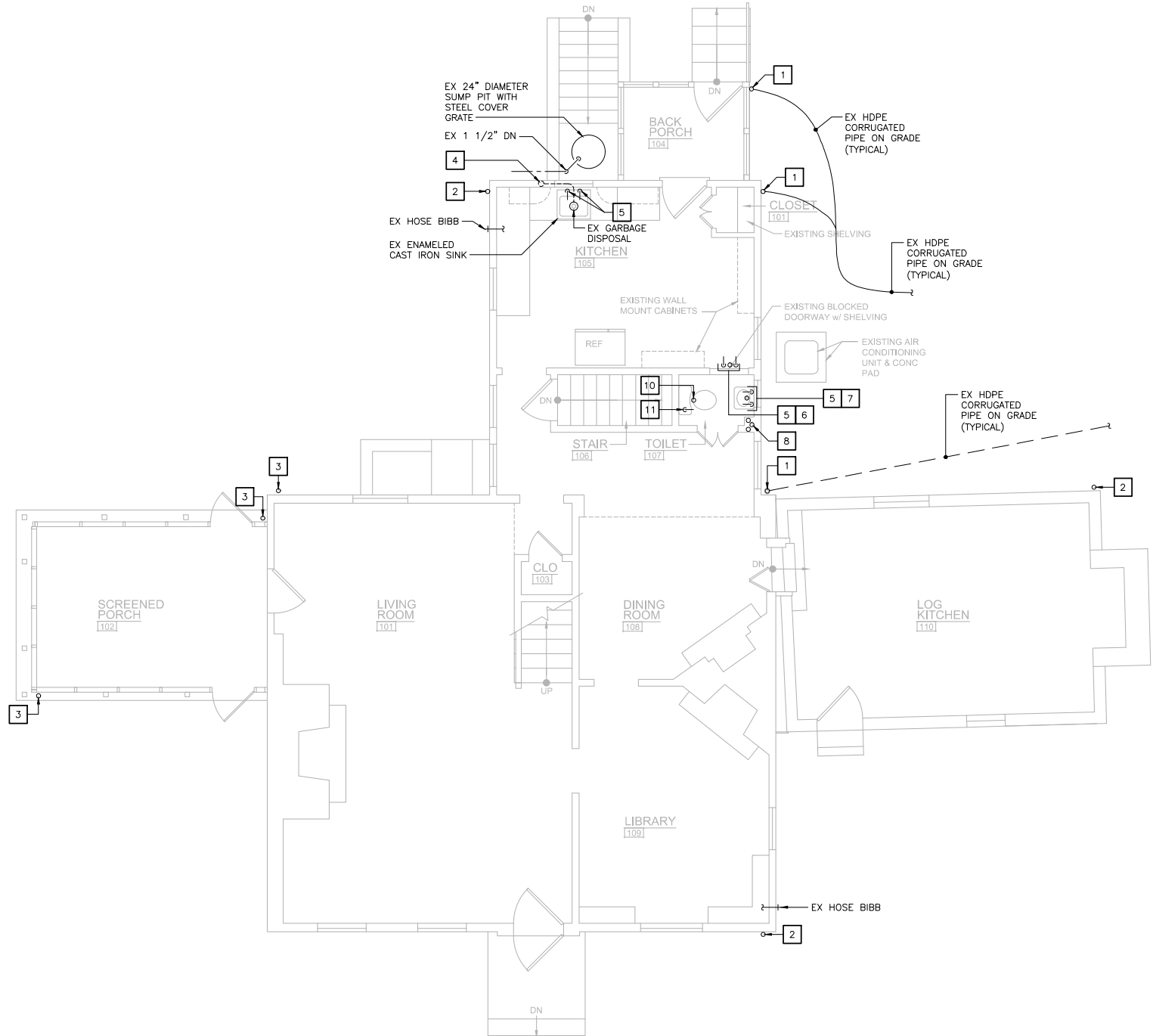
NOT FOR CONSTRUCTION

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MAY 28, 2013



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



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

DRAWING NOTES:

- 1 EXISTING DOWN SPOUT DRAINED THROUGH HDPE CORRUGATED PIPE.
- 2 EXISTING DOWN SPOUT DRAINED TO GRADE.
- 3 EXISTING DOWN SPOUT TO BELOW GRADE.
- 4 EXISTING 1 1/2" SANITARY DOWN AND 1 1/2" VENT UP.
- 5 EXISTING 1/2" HOT WATER AND COLD WATER DOWN.
- 6 EXISTING 1 1/2" SANITARY DOWN.
- 7 EXISTING 2" SANITARY DOWN.
- 8 EXISTING GALVANIZED 3/4" HOT WATER AND COLD WATER PIPING UP AND DOWN. EXISTING 3" SANITARY UP AND DOWN.
- 9 EXISTING 2" SANITARY UP. EXISTING 1/2" HOT WATER AND COLD WATER UP.
- 10 EXISTING 3" SANITARY DOWN.
- 11 EXISTING 1/2" COLD WATER DOWN.
- 12 EXISTING 1/2" HOT WATER AND COLD WATER UP.
- 13 EXISTING 4" SANITARY UP.
- 14 EXISTING 1/2" COLD WATER UP.
- 15 EXISTING GALVANIZED 3/4" HOT WATER AND COLD WATER PIPING UP. EXISTING 3" VENT AND SANITARY UP.
- 16 EXISTING 1 1/2" SANITARY UP. EXISTING 1/2" HOT WATER AND COLD WATER UP.

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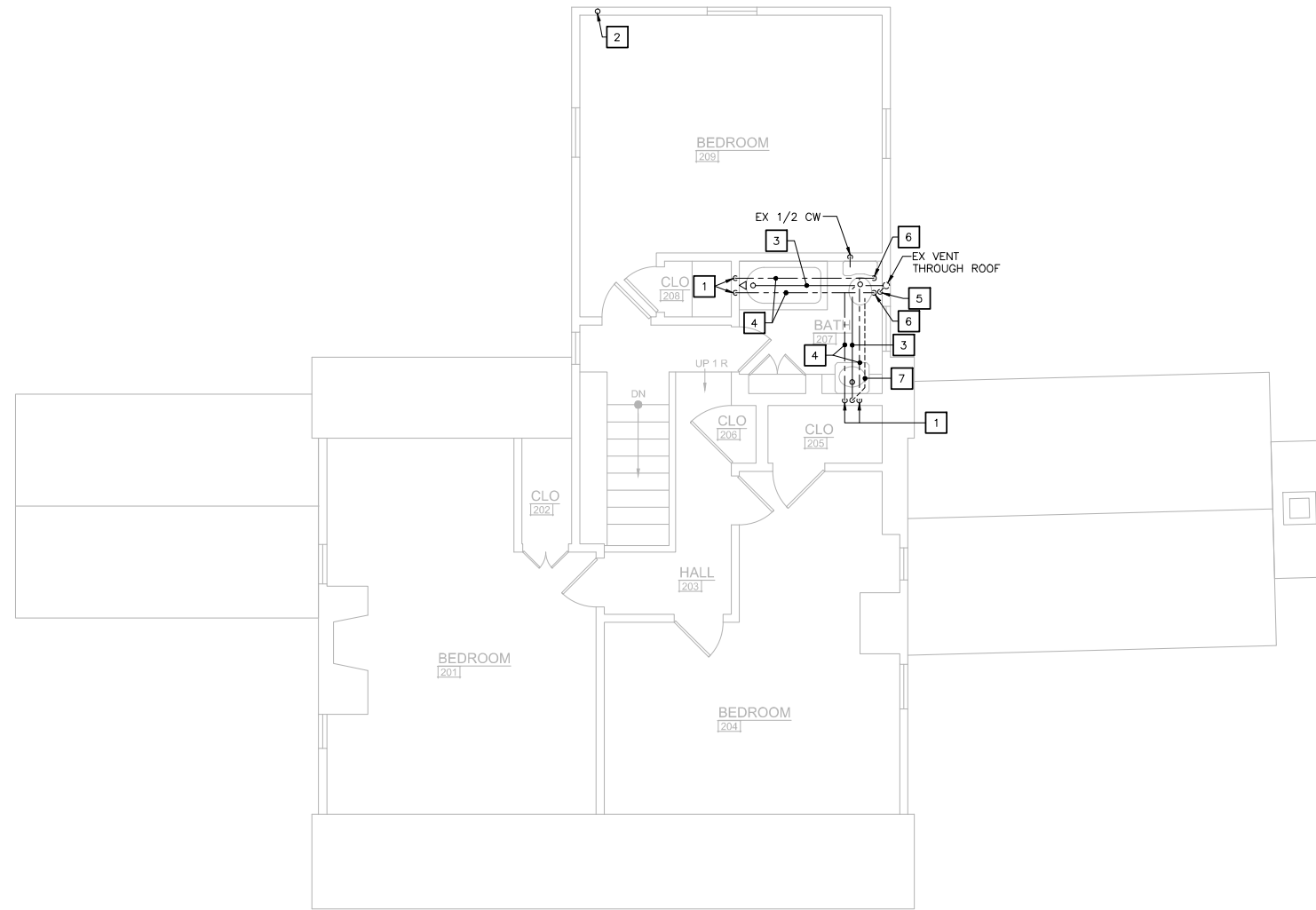
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RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

EXISTING CONDITIONS - PLUMBING

P-HH

SHT. # 41 of 52
MAY 28, 2013

NOT FOR CONSTRUCTION



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

DRAWING NOTES:

- 1 EXISTING 1/2" COLD WATER AND HOT WATER DOWN.
- 2 EXISTING 1-1/2" VENT UP TO VTR AND DOWN.
- 3 EXISTING 2" SANITARY BELOW FLOOR.
- 4 EXISTING 1/2" COLD WATER & HOT WATER PIPING BELOW FLOOR.
- 5 EXISTING 3" SANITARY DOWN.
- 6 EXISTING HOT WATER AND COLD WATER DOWN.
- 7 VENT PIPE IN ATTIC SPACE ABOVE.

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MAY 28, 2013

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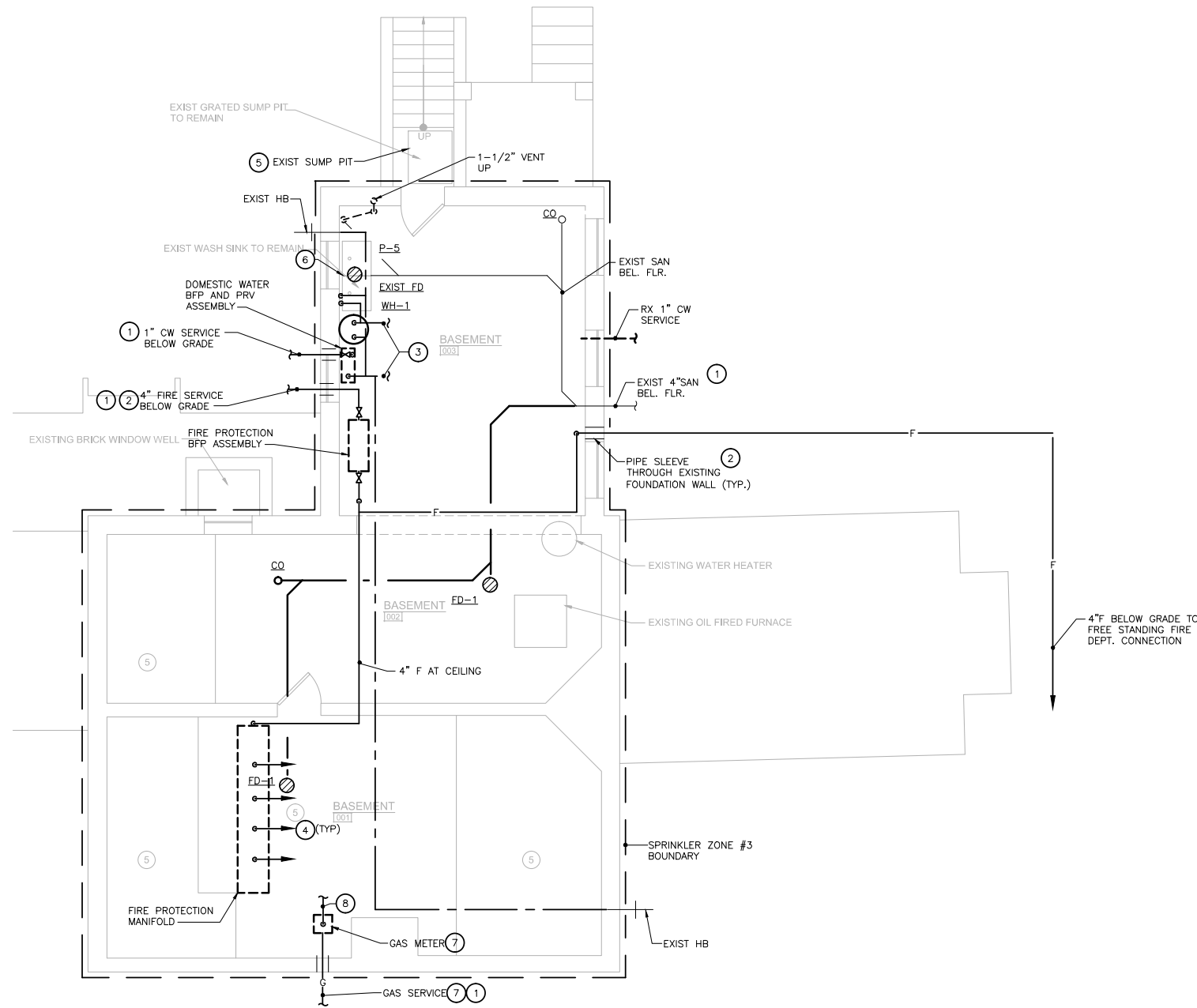
PARK CODE: C10

GENERAL NOTES:

1. REPLACE EXISTING DOMESTIC WATER, SANITARY AND VENT PIPING.
2. PROVIDE SPRINKLER PROTECTION PER NFPA-13 ORDINARY HAZARD GROUP 2 OCCUPANCY.

DRAWING REFERENCE NOTES:

1. SEE CIVIL DRAWINGS FOR CONTINUATION
2. SEE DETAIL ON DRAWING P-201
3. HW & CW PIPING TO PLUMBING FIXTURES.
4. TO HYDRAULICALLY DESIGNED SPRINKLER SYSTEM.
5. EXISTING TO REMAIN SUMP PUMP SYSTEM PROVIDE HIGH WATER ALARM.
6. EXISTING TO REMAIN LAUNDRY SINK. PROVIDE NEW FAUCET & TRIM.
7. NATURAL GAS SERVICE AND METER BY UTILITY.
8. TO HVAC EQUIPMENT.



BASEMENT FLOOR PLAN - PLUMBING & FIRE PROTECTION

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



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**BASEMENT FLOOR PLAN -
 PLUMBING & FIRE PROTECTION**

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SHT. # 43 of 52
 MAY 28, 2013

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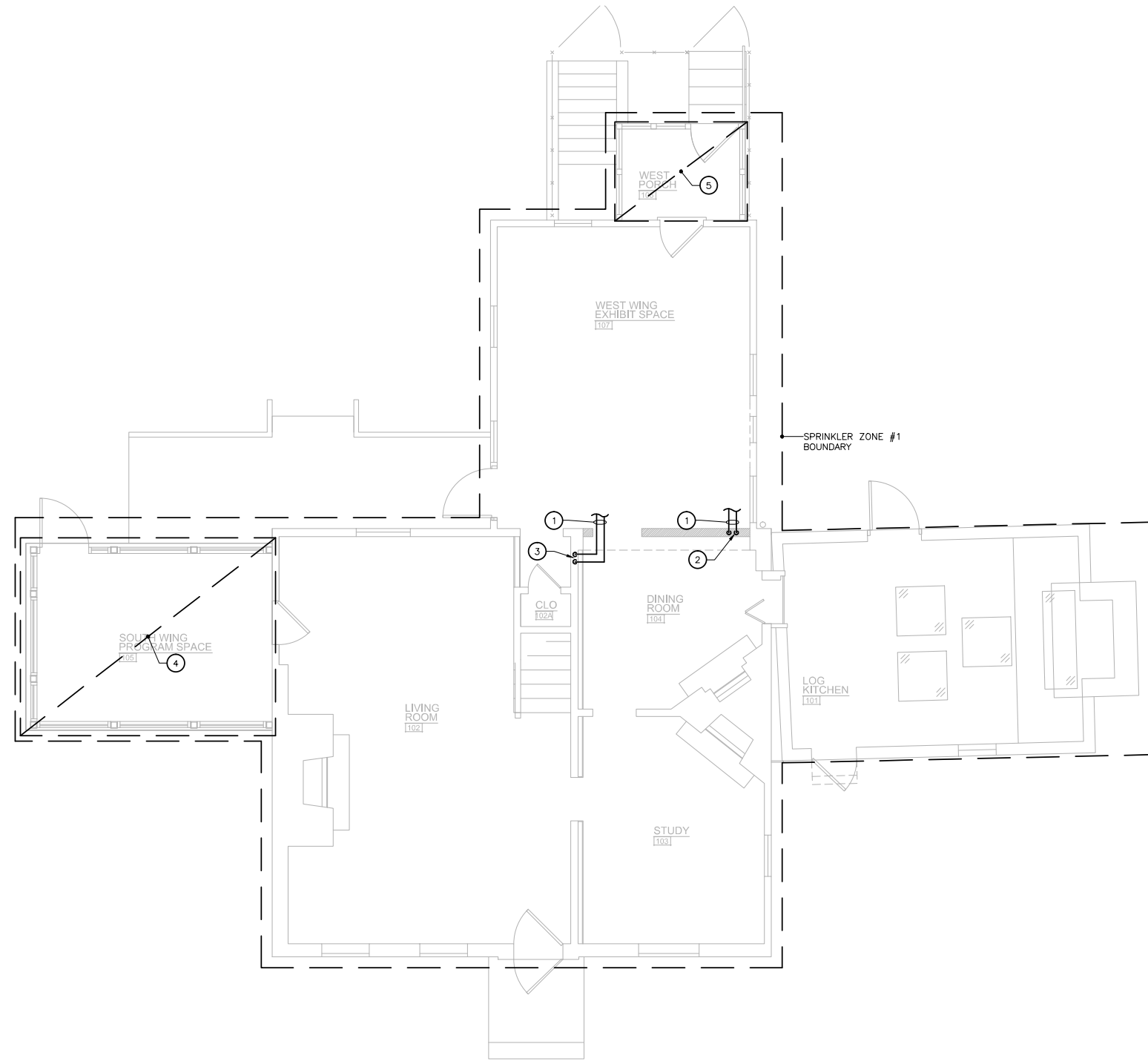
PARK CODE: C10

GENERAL NOTES:

- 1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
- 2. PROVIDE SPRINKLER PROTECTION PER NFPA-13 LIGHT HAZARD OCCUPANCY.

DRAWING REFERENCE NOTES:

- ① SANITARY, VENT, HW&CW PIPING ABOVE CLG TO SECOND FLOOR BATHROOM.
- ② SANITARY AND VENT PIPING DOWN TO BASEMENT.
- ③ HW&CW PIPING DOWN TO BASEMENT.
- ④ PROTECT AREA UTILIZING SIDE-WALL SPRINKLER HEADS.
- ⑤ PROTECT AREA USING DRY-PENDANT SPRINKLER HEAD EXTENDING FROM WESTWING EXHIBIT SPACE.



FIRST FLOOR PLAN - PLUMBING & FIRE PROTECTION

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



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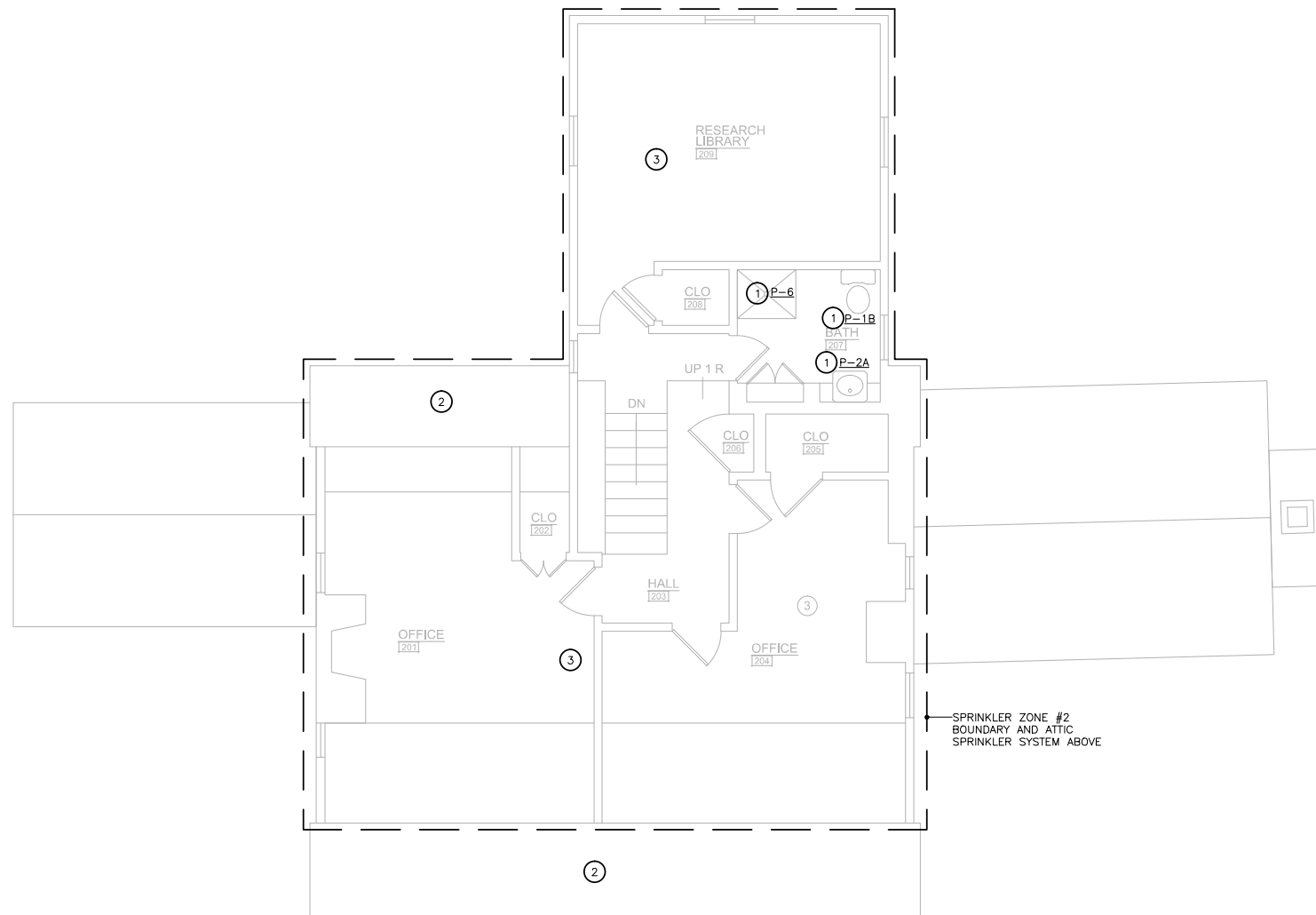
PARK CODE: C10

GENERAL NOTES:

1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED PIPING.
2. PROVIDE SPRINKLER PROTECTION PER NFPA-13 LIGHT HAZARD OCCUPANCY. PROTECT OCCUPIED AREAS WITH SIDEWALL SPRINKLER HEADS EXTENDING SUPPLY PIPING FROM BELOW.

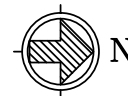
DRAWING REFERENCE NOTES:

- ① REMOVE EXISTING PLUMBING FIXTURES AND REPLACE WITH HIGH EFFICIENCY WATER CONSERVING FIXTURES.
- ② FILL VOID SPACE WITH NON-COMBUSTIBLE INSULATION IN LIEU OF SPRINKLER INSTALLATION IN CONCEALED COMBUSTIBLE SPACE PER NFPA-13.
- ③ PROVIDE DRY-PIPE SPRINKLER PROTECTION FOR ATTIC SPACES ABOVE. OPTION: FILL ATTIC SPACES WITH NON-COMBUSTIBLE INSULATION OR COMPARTMENTALIZE ATTIC VOLUME PER NFPA-13 IN LIEU OF SPRINKLER PROTECTION.



SECOND FLOOR PLAN - PLUMBING & FIRE PROTECTION

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



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**SECOND FLOOR PLAN -
 PLUMBING & FIRE PROTECTION**

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P-HH

SHT. # 45 of 52
 MAY 28, 2013

GENERAL NOTES – ELECTRICAL WORK

- A. DRAWINGS SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS AND MOUNTING HEIGHTS OF FIXTURES AND DEVICES.
- B. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF ALL OTHER TRADES. THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ALL OTHER DRAWINGS AND SPECIFICATIONS SHALL BE CONSULTED AND COORDINATED WITH PRIOR TO ROUGH-IN.
- C. WHEREVER POSSIBLE, THE CONTRACTOR SHALL OBTAIN ACTUAL ROUGH-IN DRAWINGS FOR THE ACTUAL ITEM OF EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH-IN. THIS SHALL APPLY TO ALL EQUIPMENT, WHETHER IT IS TO BE INSTALLED BY THE CONTRACTOR OR BY THE OWNER.
- D. IT IS THE INTENT OF THESE DRAWINGS THAT ALL NEW ELECTRICAL WORK TO BE INSTALLED IN FINISHED AREAS, BE INSTALLED CONCEALED WITHIN NEW OR EXISTING WALLS, FLOORS OR CEILINGS. ANY AND ALL CUTTING AND PATCHING OF SURFACES SHALL BE PROVIDED BY THE CONTRACTOR. SURFACE METAL RACEWAYS SHALL BE PERMITTED IN FINISHED AREAS ONLY WHERE SPECIFICALLY APPROVED IN THE FIELD BY THE ARCHITECT.
- E. PRIOR TO PURCHASE AND INSTALLATION OF ANY MOTOR CONTROL EQUIPMENT (STARTERS, ETC.), THE CONTRACTOR SHALL VERIFY THE ACTUAL MOTOR ELECTRICAL CHARACTERISTICS. STARTER OVERLOADS SHALL BE SIZED IN ACCORDANCE WITH THE ACTUAL MOTOR RUNNING LOAD AMPERES.
- F. PROVIDE EQUIPMENT GROUNDING CONDUCTORS FOR ALL FEEDERS AND CIRCUITS.
- G. WHERE CIRCUIT AND HOMERUN LINES ARE NOT SHOWN, PROVIDE MINIMUM 2#12+1#12 GROUND IN 3/4" CONDUIT. ALL CIRCUITS WITH SHARED NEUTRAL SHALL BE PROTECTED BY MULTI-POLE CIRCUIT BREAKERS PER NEC. PROVIDE ADDITIONAL CONDUCTORS FOR LIGHTING CIRCUITS FOR SWITCHLEGS, TRAVELLERS, FLUORESCENT DIMMING BALLASTS, ETC. REFER TO BRANCH CIRCUIT WIRE SIZING CHART FOR SIZING OF CONDUCTORS FOR LONG CIRCUITS.
- H. FOR DEDICATED RECEPTACLES, PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH PHASE CONDUCTOR. SHARING OF NEUTRAL CONDUCTOR SHALL NOT BE PERMITTED.
- I. COORDINATE NUMBER OF CONDUCTORS REQUIRED FOR DIMMING CIRCUITS WITH TYPE OF DIMMING BALLAST/DIMMER SWITCHES TO BE PROVIDED.
- J. FOR INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH EMERGENCY BALLASTS, PROVIDE HOT CONDUCTOR IN ADDITION TO SWITCHLEG FROM WALL SWITCH, TIME CLOCK, CONTACTOR, ETC. THE ONLY EXCEPTION TO THIS IS FOR INTERIOR FIXTURES DESIGNATED AS NIGHT LIGHTS.
- K. CIRCUITS RATED 30 AMPERES AND LESS WHERE RUN CONCEALED MAY BE TYPE MC CABLE. FEEDERS AND BRANCH CIRCUITS GREATER THAN 30 AMPERES, OR WHERE RUN EXPOSED, SHALL BE TYPE THN/THWN IN EMT.
- L. WHERE LIGHT SWITCHES ARE SHOWN GROUPED TOGETHER, THEY SHALL BE UNDER MULTIGANG PLATE. WHERE DIMMER SWITCHES ARE USED, SELECTION OF CAPACITY SHALL BE BASED ON LOAD SERVED AND ANY DERATING REQUIRED DUE TO GANGING OF SWITCHES.
- M. REFER TO ARCHITECTURAL DRAWINGS FOR COLORS AND FINISHES FOR WIRING DEVICES AND COVERPLATES.
- N. PROVIDE TYPED CIRCUIT DIRECTORIES FOR ALL PANELBOARDS (NEW AND EXISTING) TO INDICATE TYPE OF LOAD SERVED AND AREA SERVED (E.G. RECEPTACLES-OFFICE 201). CONTRACTOR SHALL FIELD VERIFY EXISTING LOADS TO BE CONNECTED TO NEW AND EXISTING PANELBOARDS. THE LABEL "EXISTING CIRCUIT" SHALL NOT BE ACCEPTABLE.
- O. IN TYPE 3, 4 & 5 CONSTRUCTION AND WHERE ALLOWED BY CODE, CIRCUITS AND FEEDERS MAY BE NONMETALLIC CABLE (NM OR SE) IN LIEU OF THN/THWN IN CONDUIT OR MC CABLE. WHERE NM CABLE IS USED, THE CONTRACTOR SHALL MAINTAIN SPACING BETWEEN THE CABLES OR DERATE THEM PER THE REQUIREMENTS OF ARTICLE 334.80 IN THE NEC.
- P. UNLESS NOTED OTHERWISE, ALL CONDUCTORS SHOWN ON THESE DRAWINGS HAVE BEEN SIZED BASED ON COPPER IN ACCORDANCE WITH 75° C (167° F) INSULATION TYPE. FOR OTHER TYPES OF CABLE, SIZE ACCORDING TO NEC TABLE 310.16 FOR PROPER AMPACITY.
- Q. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING FIRE RATING OF ANY FIRE RATED WALLS. WALL RECESSED ELECTRICAL BOXES THAT ARE ON OPPOSITE SIDES OF THESE RATED WALLS SHALL BE SEPARATED BY A MINIMUM OF 24". IF THIS SPACING CANNOT BE MET WHILE ADHERING TO NEC REQUIREMENTS, THE CONTRACTOR SHALL PROVIDE LISTED PUTTY PADS OR PROVIDE SOME OTHER MEANS OF ADHERING TO IBC SECTION 712.3.2.
- R. ON THE ROOF, PROVIDE ALL BRANCH CIRCUITS IN CONDUIT. CONDUIT SHALL BE SIZED BASED ON CONDUCTOR SIZE (MAXIMUM 40% FILL PER NEC). CONDUCTORS SHALL BE DERATED IN ACCORDANCE WITH NEC 2011 TABLES 310.15(B)(3)(c) AND 310.15(B)(2)(a). THIS ADJUSTMENT FACTOR IS DEPENDENT ON THE MEANS AND METHODS OF INSTALLING THE CONDUIT.
- S. FOR LIGHT FIXTURES THAT ARE CONTROLLED BY OCCUPANCY SENSORS, PROVIDE PROGRAMMED START BALLASTS.
- T. FLUORESCENT LIGHTING FIXTURES SHALL BE PROVIDED WITH INTEGRAL DISCONNECTING MEANS.
- U. ALL CLOTH WRAPPED CONDUCTORS SHALL BE REPLACED WITH NEW CONDUCTORS UTILIZING THERMOPLASTIC INSULATION.
- V. ALL ALUMINIUM BRANCH CIRCUITS SMALLER THAN 60A SHALL BE REPLACED WITH COPPER CONDUCTORS WITH THERMOPLASTIC INSULATION.
- W. ANY EXISTING CIRCUITS THAT DO NOT INCLUDE EQUIPMENT GROUND WIRES SHALL BE REPLACED WITH CIRCUITS THAT DO INCLUDE GROUND WIRES.

ELECTRICAL LEGEND

- ○ LIGHTING FIXTURE
- H LIGHTING FIXTURE, WALL MOUNTED
- ● EMERGENCY LIGHTING FIXTURE, AS ABOVE, ON NIGHT LIGHT CIRCUIT
- ● LIGHTING FIXTURE, CEILING MOUNTED
- ● LIGHTING FIXTURE, PENDANT MOUNTED
- ⌋ EMERGENCY BATTERY TYPE LIGHTING FIXTURE, WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊗ ⊗ EXIT SIGN, SINGLE FACE: CEILING MOUNTED; WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊗ ⊗ EXIT SIGN, DOUBLE FACE: CEILING MOUNTED; WALL MOUNT AT 7'-6" A.F.F. UNLESS NOTED OTHERWISE
- ⊗ EXIT SIGN, AS ABOVE, WITH DIRECTIONAL ARROWS
- \$ SINGLE POLE SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- \$3 THREE WAY SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- \$4 FOUR WAY SWITCH, MOUNT AT 48" A.F.F. U.N.O.
- \$0 LUTRON DIMMER SWITCH, MOUNT AT 48" A.F.F. U.N.O. - COORDINATE WITH TYPE OF FIXTURE AND LOAD - COORDINATE STYLE WITH ARCHITECT
- OS OCCUPANCY SENSOR, CEILING MOUNT, 500 SF COVERAGE, 360 DEGREES
- OSW OCCUPANCY SENSOR, WALL MOUNTED AT 48" AFF WITH AUTOMATIC AND MANUAL ON
- Ⓟ 125V-20A. DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R, MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- Ⓟ WP RECEPTACLE, MOUNT AS ABOVE, WITH WEATHERPROOF COVERPLATE
- Ⓟ GF RECEPTACLE, MOUNT AS ABOVE, GROUND FAULT CIRCUIT INTERRUPTER TYPE
- PANELBOARD, AS NOTED, MOUNT AT 6'-6" A.F.F. TO TOP
- EQUIPMENT CABINET, AS NOTED, MOUNT AT 6'-6" A.F.F. TO TOP
- CONDUIT AND WIRE, CONCEALED IN WALLS OR ABOVE CEILINGS
- EX — EXISTING CONDUIT AND WIRE TO REMAIN
- RX — EXISTING CONDUIT AND WIRE TO BE REMOVED

COMMUNICATIONS SYSTEM

- ▼ TELEPHONE OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE
- TV-H CATV/MATV SYSTEM OUTLET, WALL MOUNT AT 18" A.F.F. UNLESS NOTED OTHERWISE

FIRE ALARM SYSTEM

- HD HEAT DETECTOR, 135F. RATE OF RISE TYPE. HARD WIRED, NON ADDRESSABLE TYPE.
- SD SMOKE DETECTOR, CEILING MOUNTED. HARD WIRED, NON ADDRESSABLE TYPE.
- SC COMBINATION CARBON MONOXIDE/SMOKE DETECTOR, CEILING MOUNTED
- FS SPRINKLER FLOW SWITCH
- VTS SPRINKLER VALVE TAMPER SWITCH

INTRUSION DETECTION

- DC MAGNETIC DOOR CONTACT
- EL ELECTRIC LOCK
- MD MOTION DETECTOR

GENERAL NOTES – COMMUNICATIONS SYSTEM

- A. COMMUNICATIONS SYSTEM WIRING, JACKS, CONNECTIONS, RACKS, ETC. ARE NOT IN CONTRACT. PROVIDE EMPTY CONDUITS WITH FULLSTRINGS AND BOXES ONLY.
- B. PROVIDE 1-GANG BOX FOR TELEPHONE OUTLETS AND 2-GANG BOX FOR DATA/COMBINATION OUTLETS. IN HOLLOW WALLS, PROVIDE RING AND STRING. IN INSULATED OR MASONRY WALLS, PROVIDE 3/4" CONDUIT FOR TELEPHONE OUTLETS AND 1" CONDUIT FOR DATA/COMBINATION OUTLETS UP TO CEILING.
- C. ALL COMMUNICATIONS SYSTEM CONDUITS INCLUDING SERVICE CONDUITS, AND CONDUITS FROM OUTLETS, SYSTEMS FURNITURE CONNECTIONS, FLOOR BOXES, POKE-THRU'S, ETC. SHALL HAVE ENDS BUSHED.

GENERAL NOTES – ELECTRICAL DEMOLITION

- A. ANY EXISTING ELECTRICAL WORK SHOWN ON THESE DRAWINGS IS INDICATED FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE OWNER, ARCHITECT AND ENGINEER IN NO WAY WARRANT OR GUARANTEE EITHER THE ACCURACY OR COMPLETENESS OF THIS INFORMATION. FINAL LOCATIONS AND QUANTITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION.
- B. THE EXTENT OF ELECTRICAL DEMOLITION SHALL BE AS GENERALLY NOTED ON THE DRAWINGS. SHOULD THERE BE ANY QUESTION AS TO THE DISPOSITION OF ANY EXISTING ELECTRICAL WORK, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. THE FINAL DISPOSITION OF SUCH WORK SHALL BE AS DIRECTED BY THE ARCHITECT.
- C. WHEREVER EXISTING ELECTRICAL WORK IS INDICATED TO BE REMOVED, THE FOLLOWING NOTES SHALL APPLY:
 1. ALL EXISTING WIRING SHALL BE REMOVED BACK TO ITS SOURCE.
 2. ALL EXISTING CONDUIT WHICH IS EXPOSED, OR WHICH BECOMES EXPOSED AT ANY TIME DURING CONSTRUCTION SHALL BE REMOVED IN ITS ENTIRETY. CONDUIT STUBS FROM UNDER GROUND THROUGH THE FLOOR SHALL BE CUT OFF FLUSH WITH THE FLOOR SLAB, FILLED WITH CONCRETE, AND MAKE READY TO ACCEPT NEW FLOOR FINISHES WHERE APPLICABLE.
 3. CONDUIT WHICH REMAINS CONCEALED WITHIN WALLS OR SLABS SHALL BE ABANDONED IN PLACE AFTER REMOVAL OF ALL WIRING.
 4. WHERE EXISTING CONDUIT STUBS THROUGH THE ROOF ARE NO LONGER REQUIRED, AND OCCUR IN AREAS WHERE THE EXISTING ROOF IS TO REMAIN, THE CONDUIT SHALL BE CUT OFF 6" ABOVE AND BELOW THE ROOF, FILLED WITH EXPANDABLE FOAM SEALANT (DOW CORNING SILICONE RTV OR APPROVED EQUAL). THE CONDUIT SHALL THEN BE CAPPED ABOVE THE ROOF AND MADE COMPLETELY WATERTIGHT.
 5. WHEREVER EXISTING FLUSH MOUNTED BOXES WILL REMAIN EXPOSED. FURNISH AND INSTALL BLACK COVERPLATES ON THE EXISTING OUTLET BOXES.
 6. ALL SURFACES WHICH ARE DISTURBED BY DEMOLITION UNDER THIS DIVISION SHALL BE PATCHED WITH MATERIALS TO MATCH THE EXISTING SURFACE. PATCHING SHALL MATCH THE EXISTING SURROUNDING SURFACES, AND SHALL BE DONE TO THE COMPLETE SATISFACTION OF THE ARCHITECT.
- D. PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT FROM THE PROJECT, THE CONTRACTOR SHALL DETERMINE WHETHER THE OWNER WISHES TO RETAIN THE MATERIAL. SHOULD THE OWNER DESIRE TO RETAIN AN ITEM, IT SHALL BE MOVED, BY THE CONTRACTOR, TO THE LOCATION ON SITE DIRECTED BY THE OWNER. SHOULD THE OWNER NOT DESIRE TO RETAIN THE ITEM, IT SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR.

GENERAL NOTES – OCCUPANCY SENSORS

1. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR OCCUPANCY SENSORS FOR AUTOMATIC LIGHTING CONTROL.
2. PROVIDE LOW VOLTAGE TRANSFORMERS AS REQUIRED FOR OCCUPANCY SENSORS FOR CONNECTION TO LOW VOLTAGE CONTROL RELAY. TRANSFORMERS SHALL BE RATED 120V PRIMARY AND SHALL BE CONNECTED TO SAME CIRCUIT SERVING FIXTURES BEING CONTROLLED. TRANSFORMERS SHALL BE CONNECTED ON LOAD SIDE OF WALL SWITCHES INDICATED. TRANSFORMER SECONDARY SHALL BE COMPATIBLE WITH LOW VOLTAGE CONTROL RELAY VOLTAGE.

ELECTRICAL ABBREVIATIONS

- A AMPERE(S)
- AFF ABOVE FINISHED FLOOR
- AWG AMERICAN WIRE GAUGE
- C CONDUIT
- CATV CABLE TELEVISION
- EX EXISTING
- FLA FULL LOAD AMPERES
- FSS FUSED SAFETY SWITCH
- GF1 GROUND FAULT CIRCUIT INTERRUPTER
- GRD GROUND
- HZ,~ HERTZ
- Isc SHORT CIRCUIT INTERRUPTING CAPACITY (RMS SYMMETRICAL AMPERES)
- JB JUNCTION BOX
- Kcmil THOUSAND CIRCULAR MILLS
- KVA KILO-VOLT-AMPERES
- KW KILOWATTS
- LTG LIGHTING
- MCB MAIN CIRCUIT BREAKER
- MH MOUNTING HEIGHT
- MISC MISCELLANEOUS
- MLO MAIN LUGS ONLY
- NEC NATIONAL ELECTRICAL CODE
- NFSS NON-FUSED SAFETY SWITCH
- NTS NOT TO SCALE
- OH OVERHEAD
- ∅ PHASE
- P POLE
- RL RELOCATE EXISTING
- RLA RUNNING LOAD AMPERES
- RMS ROOT MEAN SQUARE
- RX REMOVE EXISTING
- S/N SOLID NEUTRAL
- SPD SURGE PROTECTION DEVICE
- SYM SYMMETRICAL
- TYP TYPICAL
- UG UNDERGROUND
- UNO UNLESS NOTED OTHERWISE
- V VOLTS
- VA VOLT-AMPERE
- W WIRE, WATTS
- WP WEATHERPROOF
- 1P SINGLE POLE
- 2P DOUBLE POLE
- 3P THREE POLE
- 4P FOUR POLE

BRANCH CIRCUIT WIRE SIZING (20 AMPERE SINGLE PHASE CIRCUITS)		
LENGTH OF RUN	HOMERUN SIZE	CIRCUIT WIRE SIZE
120 VOLT SYSTEM		
0' - 50'	#12	#12
50' - 100'	#10	#12
100' - 175'	#8	#10
175' - 300'	#6	#8
208 OR 240 VOLT SYSTEM		
0' - 125'	#12	#12
125' - 200'	#10	#12
200' - 300'	#8	#10
277 VOLT SYSTEM		
0' - 150'	#12	#12
150' - 275'	#10	#12
275' - 400'	#8	#10

NOTES

- ◇ WIRING FOR BRANCH CIRCUITS PROTECTED BY 20 AMPERE OVERCURRENT PROTECTIVE DEVICES SHALL BE SIZED IN ACCORDANCE WITH THE ABOVE TABLE. WIRING FOR OTHER BRANCH CIRCUITS SHALL BE SIZED AS SHOWN ON DRAWINGS. EQUIPMENT GROUNDING CONDUCTOR SHALL BE SIZED THE SAME AS THE HOMERUN/CIRCUIT CONDUCTOR.
- ◇ HOMERUN LENGTH SHALL BE FROM THE PANELBOARD TO THE CLOSEST OUTLET, DEVICE OR FIXTURE ON THE CIRCUIT.
- ◇ CIRCUIT LENGTH SHALL BE FROM THE CLOSEST TO THE FARTHEST OUTLET, DEVICE OR FIXTURE.

FINAL SCANNED:

PLAN SCANNED:

PARK CODE: C10

443-589-2400 443-589-2401



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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

License No. _____

Expiration Date _____

PROFESSIONAL STAMP



The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9500 Brunett Avenue
Silver Spring, Maryland 20901
(301) 495-2535

REVIEW AND APPROVAL	
Project Manager	Date
Construction Manager	Date
Park Manager	Date

ISSUED FOR PROCUREMENT ON _____		
REVISIONS		
Rev. No.	Date	Description

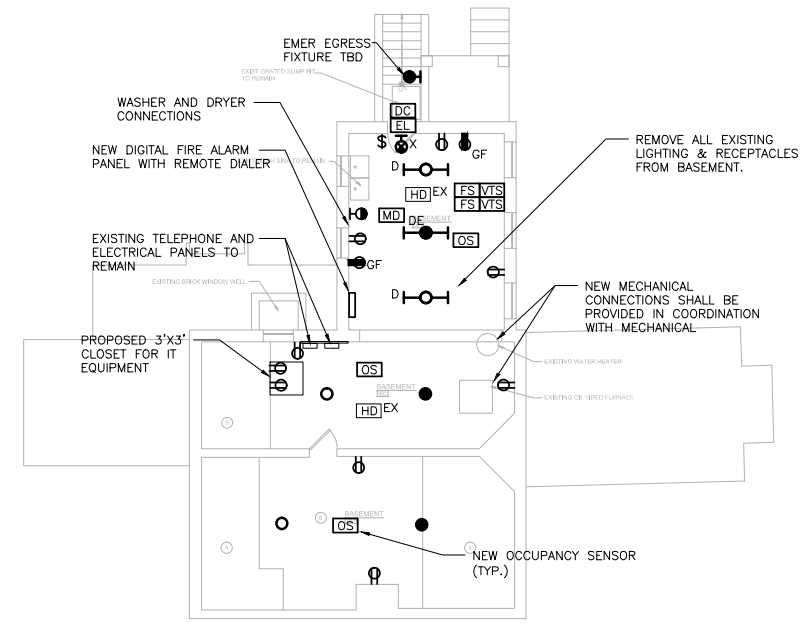
Josiah Henson Park - Facility Plan
11420 Old Georgetown Road, Rockville, MD 20852
RFP #: P30-149 30% DESIGN DEVELOPMENT SCALE: AS SHOWN

ELECTRICAL NOTES, LEGEND, & ABBREVIATIONS

E-HH

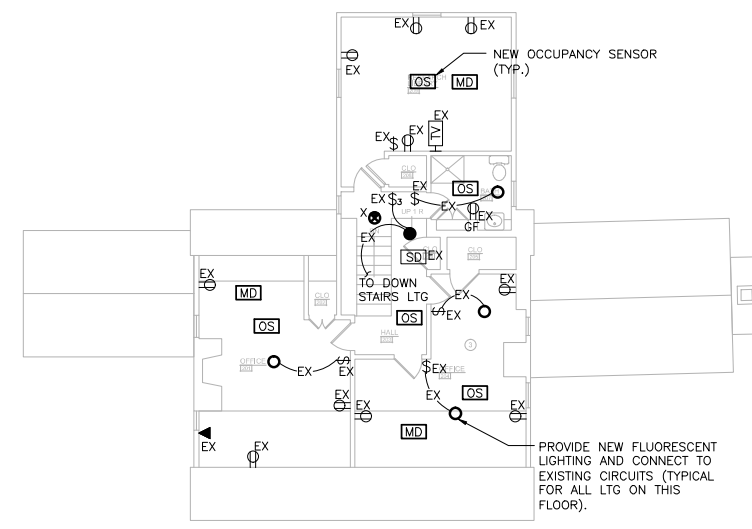
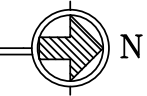
SHT. # 46 of 52
MAY 28, 2013

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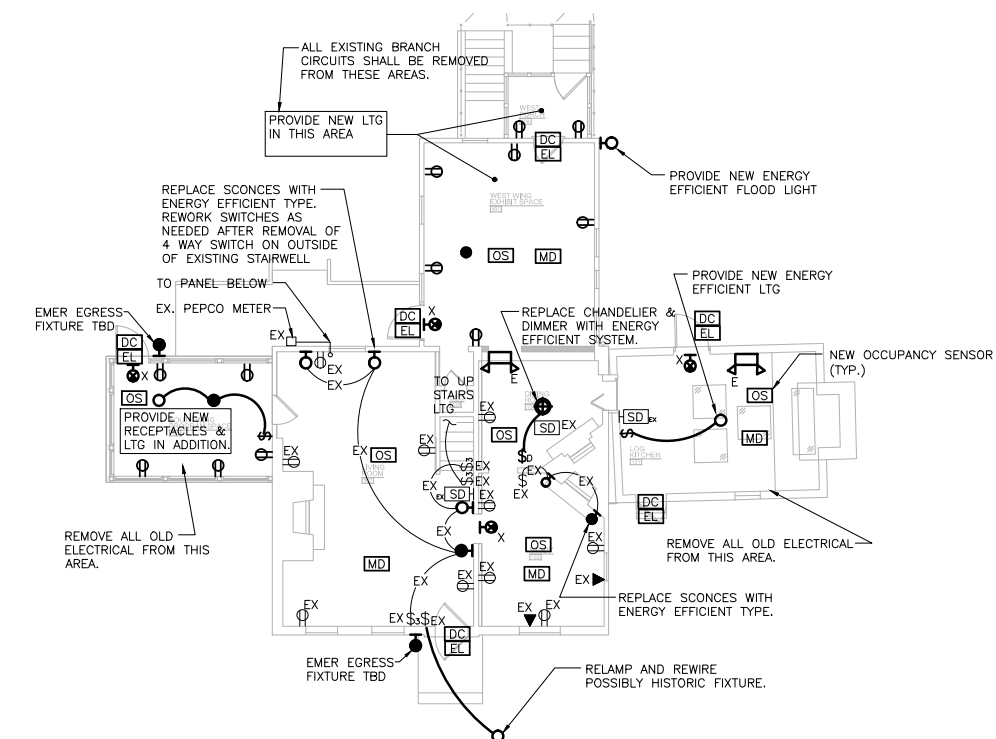
RESIDENCE BASEMENT FLOOR PLAN - ELECTRICAL

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



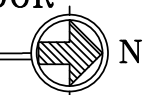
RESIDENCE SECOND FLOOR PLAN - ELECTRICAL

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



RESIDENCE FIRST FLOOR PLAN - ELECTRICAL

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



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DESIGN		
Landscape Architect	Date	Checked By:
Architect	Date	Checked By:
Engineer	Date	Checked By:
Drawn by	Date	Checked By:

Professional Certification: I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.

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BASEMENT, FIRST FLOOR & SECOND FLOOR PLANS - LIGHTING & POWER

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SHT. # 47 of 52
MAY 28, 2013

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