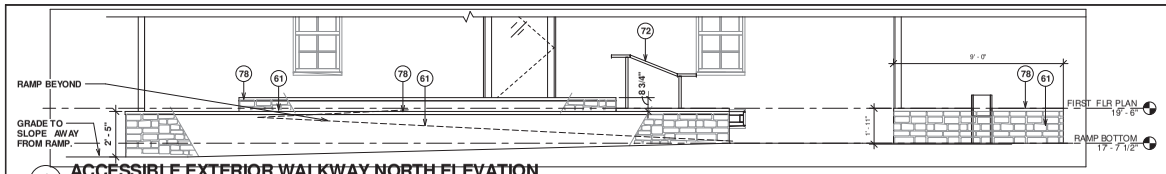
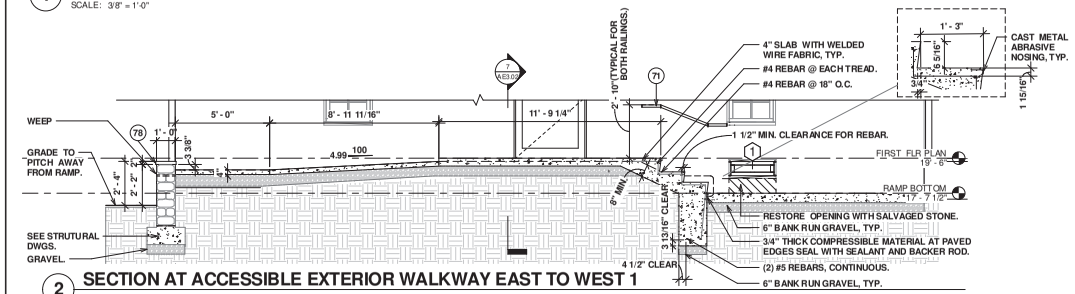
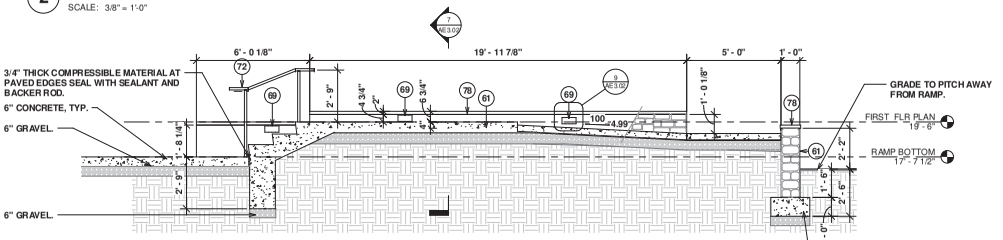


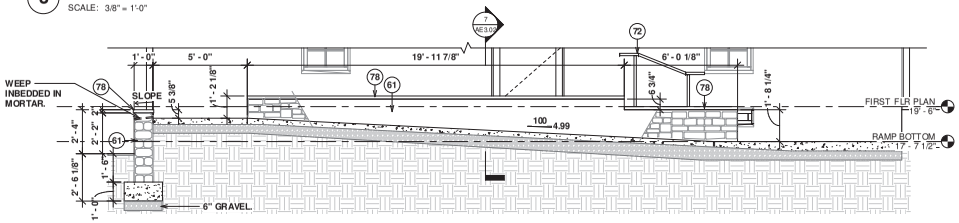
1 ACCESSIBLE EXTERIOR WALKWAY NORTH ELEVATION
SCALE: 3/8" = 1'-0"



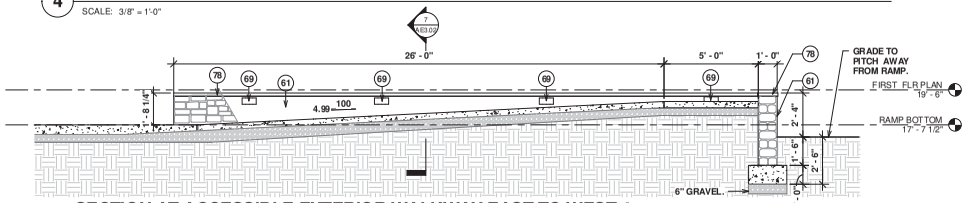
2 SECTION AT ACCESSIBLE EXTERIOR WALKWAY EAST TO WEST 1
SCALE: 3/8" = 1'-0"



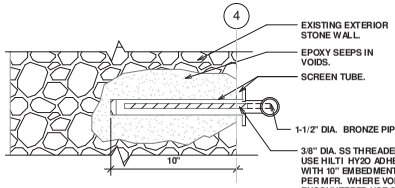
3 SECTION AT ACCESSIBLE EXTERIOR WALKWAY EAST TO WEST 2
SCALE: 3/8" = 1'-0"



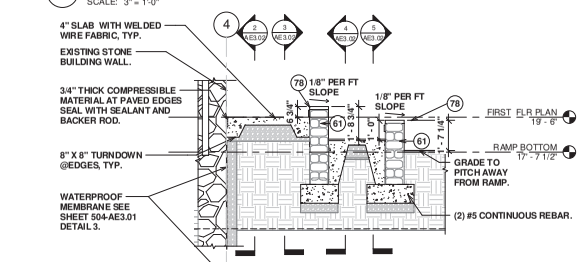
4 SECTION AT ACCESSIBLE EXTERIOR WALKWAY EAST TO WEST 3
SCALE: 3/8" = 1'-0"



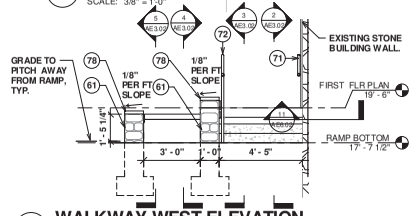
5 SECTION AT ACCESSIBLE EXTERIOR WALKWAY EAST TO WEST 4
SCALE: 3/8" = 1'-0"



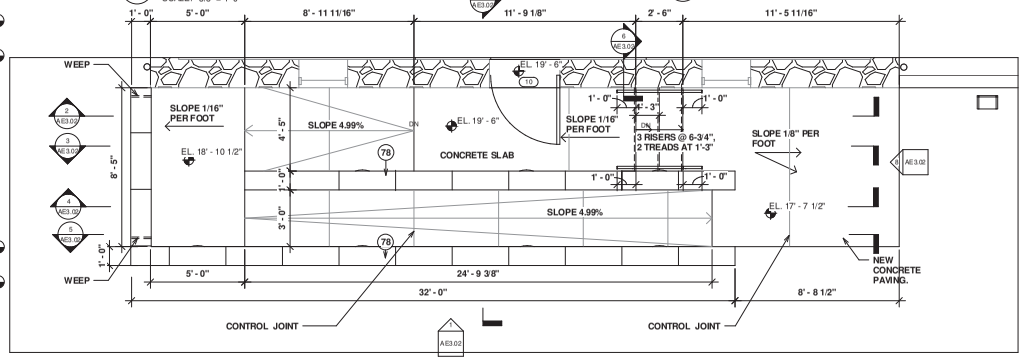
6 SECTION AT HANDRAIL ANCHOR
SCALE: 3" = 1'-0"



7 SECTION AT EXTERIOR WALKWAY
SCALE: 3/8" = 1'-0"



8 WALKWAY WEST ELEVATION
SCALE: 3/8" = 1'-0"

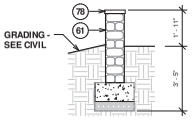


11 ENLARGED PLAN - ACCESSIBLE EXTERIOR WALKWAY
SCALE: 3/8" = 1'-0"

KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
54	REMOVE AND SALVAGE STONE STEPS, LANDING AND WALL.
61	(N) STONE MASONRY WALL-FULLY GROUTED. SEE STRUCTURAL NOTES AND SPECIFICATIONS.
69	NEW LIGHT FIXTURE. SEE ELECTRICAL DWGS.
71	1-1/2" DIAMETER BRONZE PIPE HANDRAIL WALL MOUNTED.
72	1-1/2" DIAMETER BRONZE PIPE HANDRAIL WITH 1-1/2" DIAMETER POSTS.
78	(N) 2" BLUESTONE WALL CAP.

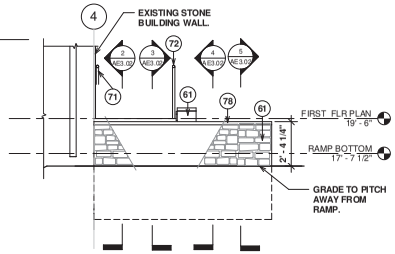
NOTE: ALL ELEVATIONS TO BE FIELD VERIFIED.

(N)- NEW
(E)- EXISTING



13 RETAINING WALL SECTION
SCALE: 3/8" = 1'-0"

9 LIGHT MOUNTING DETAIL
SCALE: 3/4" = 1'-0"



10 WALKWAY EAST ELEVATION
SCALE: 3/8" = 1'-0"

FINAL

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Washington, DC 20006
Phone: 202-223-1234
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Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — No. 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: ACCESSIBLE EXTERIOR WALKWAY

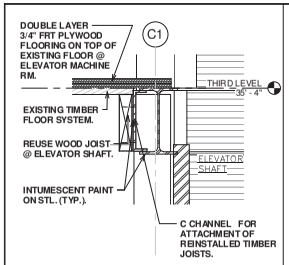
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

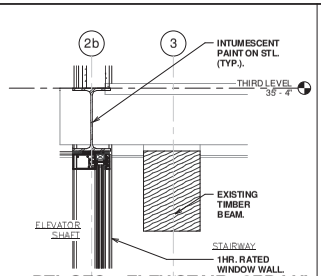
Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-AE3.02
Dwg. 18 Of 30

DEPARTMENT OF VETERANS AFFAIRS

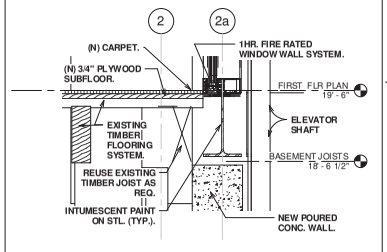
Data File Name



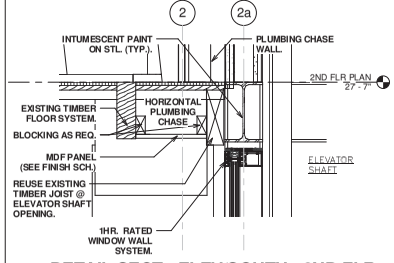
7 DTL SECT. - ELEV -3RD LVL.
SCALE: 1 1/2" = 1'-0"



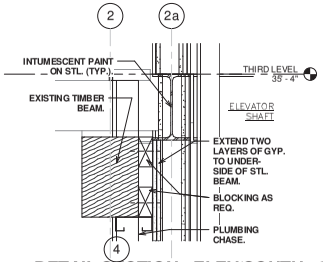
10 DTL SEC. - ELEV/STAIR - 3RD LVL.
SCALE: 1 1/2" = 1'-0"



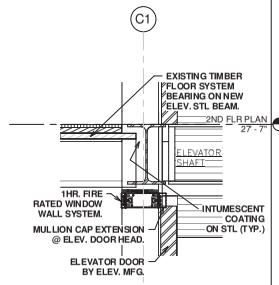
11 DETAIL SECT. - ELEV/SOUTH - 1ST FLR.
SCALE: 1 1/2" = 1'-0"



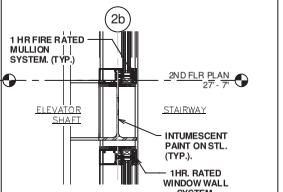
12 DETAIL SECT.- ELEV/SOUTH - 2ND FLR.
SCALE: 1 1/2" = 1'-0"



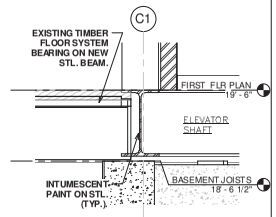
13 DETAIL SECTION - ELEV/SOUTH - 3RD LVL.
SCALE: 1 1/2" = 1'-0"



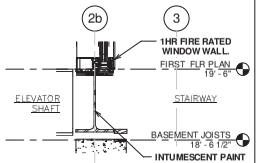
6 DTL SECT. - ELEV- 2ND FLR.
SCALE: 1 1/2" = 1'-0"



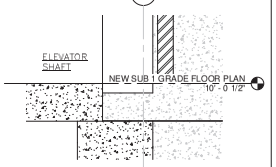
9 DTL SECT.-ELEV/STAIR 2ND FLR.
SCALE: 1 1/2" = 1'-0"



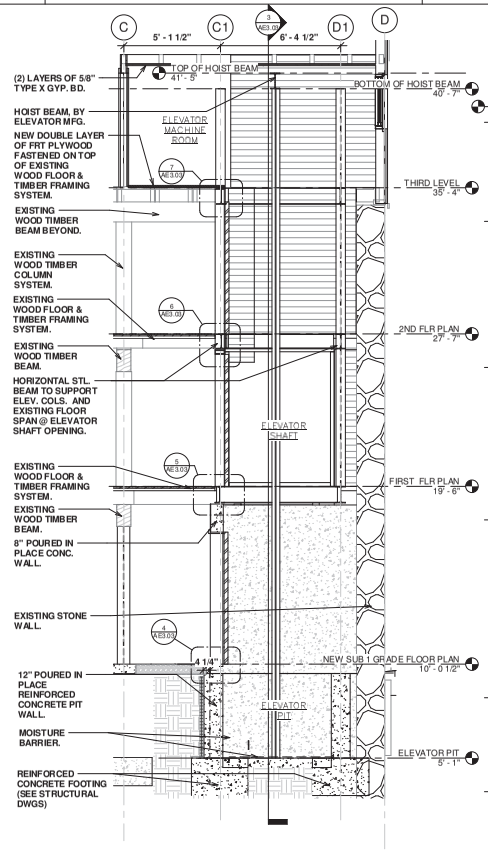
5 DTL SECT.- ELEV- 1ST FLR.
SCALE: 1 1/2" = 1'-0"



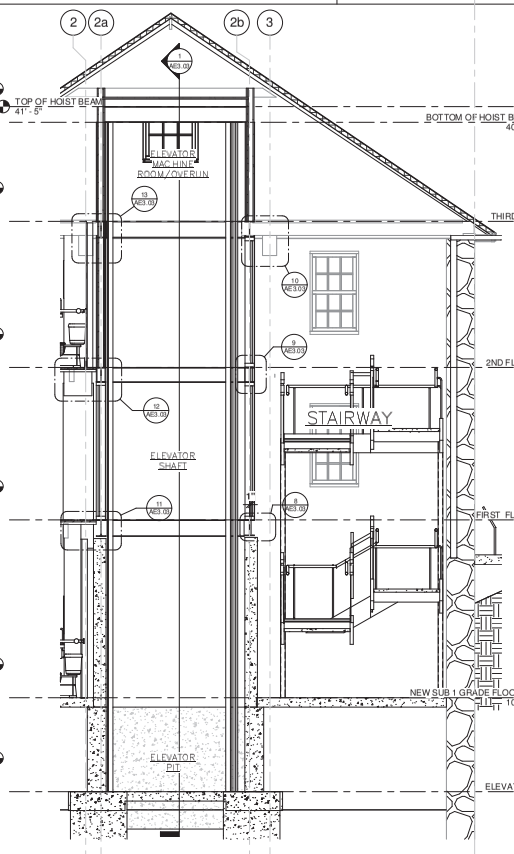
8 DTL SECT.-ELEV/STAIR 1ST FLR.
SCALE: 1 1/2" = 1'-0"



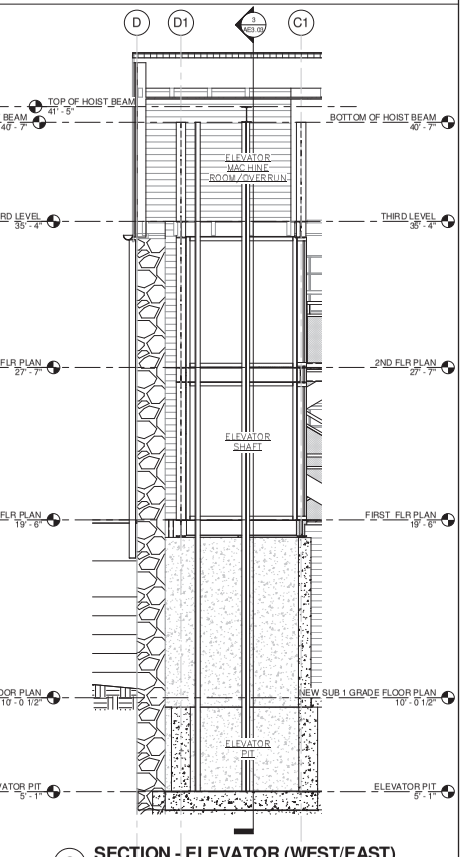
4 DTL SECT.-ELEV SUB 1 LVL.
SCALE: 1 1/2" = 1'-0"



1 SECTION - ELEVATOR (EAST/WEST)
SCALE: 3/8" = 1'-0"



3 SECTION - ELEVATOR/STAIR (NORTH/SOUTH)
SCALE: 3/8" = 1'-0"



2 SECTION - ELEVATOR (WEST/EAST)
SCALE: 3/8" = 1'-0"

FINAL

BES DESIGN/BUILD
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Phone: 202-223-1234
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Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: ELEVATOR SECTIONS/DETAILS

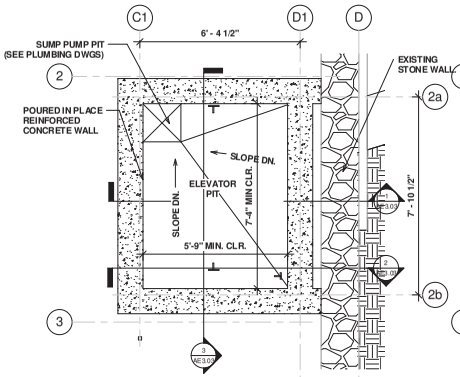
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504 | Checked: DB | Drawn: LM

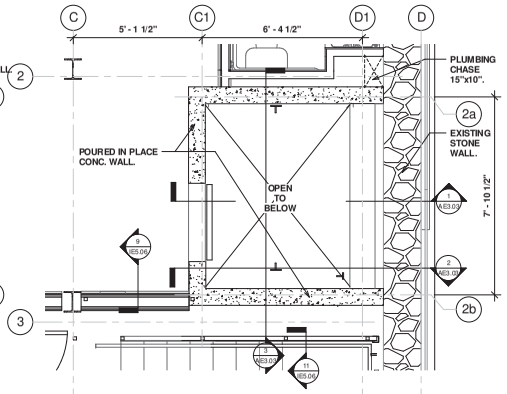
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-AE3.03
Dwg. 19 Of 30

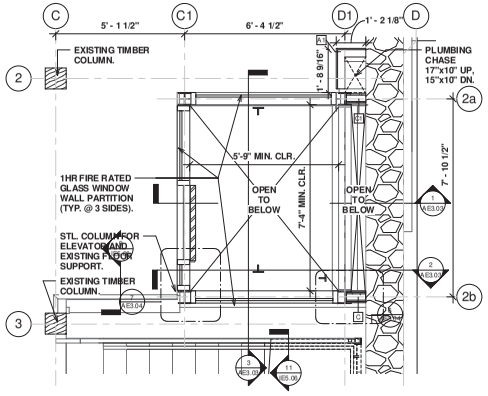
DEPARTMENT OF VETERANS AFFAIRS



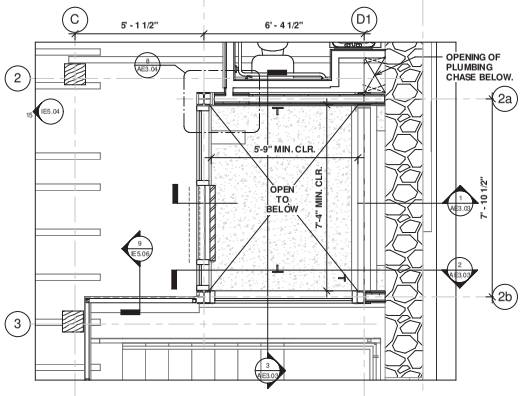
1 ENLARGED PLAN - ELEVATOR PIT
SCALE: 1/2" = 1'-0"



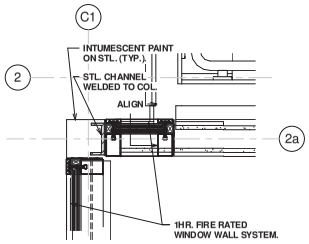
2 SUB 1 GRADE FLOOR PLAN
SCALE: 1/2" = 1'-0"



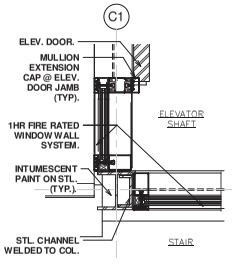
3 FIRST FLOOR PLAN
SCALE: 1/2" = 1'-0"



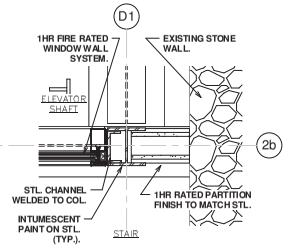
4 SECOND FLOOR PLAN
SCALE: 1/2" = 1'-0"



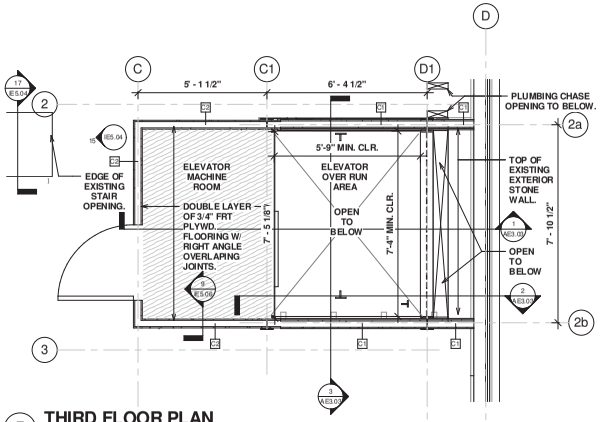
8 DETAIL PLN - 2ND FLR - ELEV/RESTROOM
SCALE: 1 1/2" = 1'-0"



7 DETAIL PLN -1ST FLR - B
SCALE: 1 1/2" = 1'-0"



6 DETAIL PLN - 1ST FLR - A
SCALE: 1 1/2" = 1'-0"



5 THIRD FLOOR PLAN
SCALE: 1/2" = 1'-0"

FINAL

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Architect of Record and Preservation Architect:
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DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID BARON BUCKLEY — No. 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: ENLARGED ELEVATOR PLANS/DETAILS

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-AE3.04
Dwg. 20 Of 30

DEPARTMENT OF VETERANS AFFAIRS

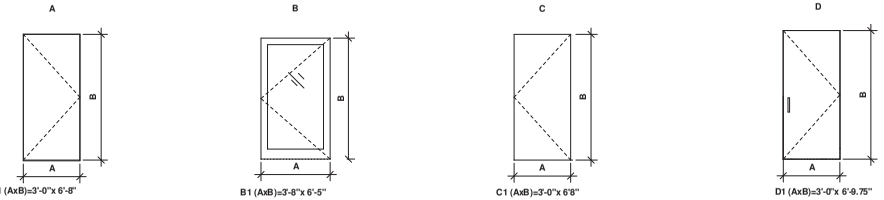
Data File Name

WINDOW SCHEDULE									
		R.O.							
MARK	TYPE	WIDTH	HEIGHT	MATERIAL	FINISH	HEAD	JAMB	SILL	COMMENTS
1	D	2' - 5 1/2"	1' - 0"			D	D	D	
2	D	2' - 5 1/2"	1' - 0"			D	D	D	REPLACE WINDOW. SEE DETAILS
3	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
4	C	4' - 0"	6' - 8"			C	C	C	
5	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
6	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
7	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
8	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
9	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
10	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
11	C	4' - 0"	6' - 8"			C	C	C	
12	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
13	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
14	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
15	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
16	C	4' - 0"	6' - 8"			C	C	C	
17	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
18	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
19	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
20	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
21	C	4' - 0"	6' - 8"			C	C	C	
22	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
23	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
24	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
25	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
26	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS

DOOR SCHEDULE																	
			DOOR								FRAME						
DOOR NUMBER	NEW/ EXISTING	TYPE MARK	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	UNDER CUT	FIRE RATING	HARDWARE	FRAME TYPE	MATERIAL	FRAME FINISH	JAMB	HEAD	SILL	COMMENTS
1	NEW	B1	3' - 0"	6' - 8"	0' - 1 3/4"	WOOD	PTD.			01	B	WOOD	PTD.	B	B	B	
2	EXISTING	N.A.	3' - 0"	7' - 0"		WOOD	PTD.	N.A.	N.A.	03	N.A.	WOOD	PTD.	N.A.	N.A.	N.A.	
3	NEW	A1	3' - 0"	6' - 8"	0' - 1 3/4"	METAL	PTD.			04	A	METAL	PTD.	A	A	A	
4	NEW	C1	3' - 0"	6' - 8"	0' - 1 3/4"	METAL	PTD.			05	C	METAL	PTD.	C	C	C	
5	NEW	A1	3' - 0"	6' - 8"	0' - 1 3/4"	METAL	PTD.			06	A	METAL	PTD.	A	A	A	
6	NEW	A2	2' - 0"	6' - 8"	0' - 2"	METAL	PTD.			07	A	METAL	PTD.	A	A	A	
7	NEW	A1	3' - 0"	6' - 8"	0' - 1 3/4"	METAL	PTD.			04	A	METAL	PTD.	A	A	A	
8	EXISTING	N.A.	3' - 0"	7' - 0"		WOOD	PTD.	N.A.	N.A.	03	N.A.	WOOD	PTD.	N.A.	N.A	N.A.	
9	NEW	B1	3' - 8"	6' - 5"	0' - 2"	WOOD	PTD.			01	B	WOOD	PTD.	B	B	B	
10	EXISTING	N.A.	3' - 0"	7' - 0"		WOOD	PTD.	N.A.	N.A.	03	N.A.	WOOD	PTD.	N.A.	N.A.	N.A.	
11	EXISTING	N.A.	3' - 0"	7' - 0"		WOOD	PTD.	N.A.	N.A.	03	N.A.	WOOD	PTD.	N.A.	N.A.	N.A.	
12	NEW	A1	3' - 0"	6' - 8"	0' - 1 3/4"	METAL	PTD.			04	A	METAL	PTD.	A	A	A	
13	EXISTING	N.A.	3' - 0"	7' - 0"		WOOD	PTD.	N.A.	N.A.	03	N.A.	WOOD	PTD.	N.A.	N.A.	N.A.	
14	NEW	D1	3' - 0"	6' - 10"		METAL	PTD.			02	D	METAL	PTD.	D	D		SEE SHEET 504-E5.04
15	NEW	D1	3' - 6"	6' - 10"		METAL	PTD.			02	D	METAL	PTD.	D	D		SEE SHEET 504-E5.04
16	NEW	A1	3' - 0"	6' - 1"	0' - 2"	METAL	PTD.			08	A	METAL	PTD.	A	A	A	

FINISH SCHEDULE						
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	CEILING FINISH	COMMENTS
001	LOWER LEVEL	EXISTING STONE	N.A	EXISTING STONE	EXISTING WOOD	
002	BASEMENT	NEW CONCRETE	METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
003	RESTROOM 1	NEW CONCRETE	METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
004	STAIR ENCLOSURE SUB 1	NEW CONCRETE	METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
005	MECHANICAL ROOM	NEW CONCRETE	METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
006	HOUSEKEEPING CLOSET	NEW CONCRETE	N.A.	NEW METAL WALL COVERING	EXISTING WOOD	
007	RESTROOM 2	NEW CONCRETE	METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
101	MEETING ROOM	NEW CARPET	N.A. / METAL BASE	EXISTING STONE	EXISTING WOOD	
102	SERVICE COUNTER AREA	NEW CARPET	N.A. / METAL BASE	EXISTING STONE	EXISTING WOOD	
201	BREAK OUT AREA	NEW CARPET	N.A. / METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	
202	RESTROOM 3	NEW RESILIENT SHEET	N.A. / METAL BASE	EXISTING STONE/ NEW METAL WALL COVERING	EXISTING WOOD	HEAVY DUTY LINOLEUM
203	OFFICE 2	NEW CARPET	N.A.	EXISTING STONE/ NEW STEEL WINDOW WALL	EXISTING WOOD	
204	OFFICE 1	NEW CARPET	N.A.	EXISTING STONE/ NEW STEEL WINDOW WALL	EXISTING WOOD	
301	ATTIC	N.A.	N.A.	EXISTING WOOD/ RESTORED WOOD WALL	EXISTING WOOD	
302	ELEVATOR MACHINE ROOM	N.A.	N.A.	NEW METAL WALL COVERING	EXISTING WOOD	

RESTROOM AND SERVICE COUNTER ACCESSORY SCHEDULE					
MARK	QUANT	DESCRIPTION	MANUFACTURER	MODEL #	FINISH
A		BOBRICK 12765123: TWO-WALL TOILET COMPT. GRAB BAR	BOBRICK APPROVED EQUAL	B-6897	SATIN STAINLESS STEEL
B		BOBRICK 12765123: TRIMLINE SERIES RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTICAL	BOBRICK APPROVED EQUAL	B-39003	SATIN STAINLESS STEEL
C	2	UNDER COUNTER REFRIGERATOR	SUBZERO OR APPROVED EQUAL	700 BCI	STAINLESS STEEL
D		BOBRICK 12765123: DOUBLE ROLL TOILET TISSUE DISPENSER WITH CONTROLLED DELIVERY	BOBRICK APPROVED EQUAL	B-265	POLISHED CHROME PLATED STEEL
E		BOBRICK 12765123: COAT HOOK	BOBRICK APPROVED EQUAL	B-542	SATIN STAINLESS STEEL
F		BOBRICK 12765123: MIRROR WITH STAINLESS STEEL CHANNEL FRAME	BOBRICK APPROVED EQUAL	B-165	POLISHED STAINLESS STEEL- FRAME
G		BOBRICK 12765123: LAVATORY MOUNTED SOAP DISPENSER	BOBRICK APPROVED EQUAL	B-8221	POLISHED STAINLESS STEEL
H	2	GE TALL TUB BUILT-IN DISHWASHER	GE APPLIANCES OR APPROVED EQUAL	GLDA696PSS	STAINLESS STEEL
I	2	MICROWAVE OVEN	GE APPLIANCES OR APPROVED EQUAL	PEB1590SMSS	STAINLESS STEEL
J		TRASH CAN	TBD	TBD	TBD
K		1 1/2" STAINLESS STEEL GRAB BAR WITH SNAP FLANGE	BOBRICK APPROVED EQUAL	B-6806	SATIN STAINLESS STEEL
L	2	HAND SINK	KOHLER	K-3086-NA	STAINLESS STEEL
M		COUNTER TOP	DUPONT OR APPROVED EQUAL	TBD	CORIAN
N	3	DYSON AIRBLADE HAND DRYER	DYSON OR APPROVED EQUAL	TBD	DIE CAST ALUMINUM (LACQUERED)

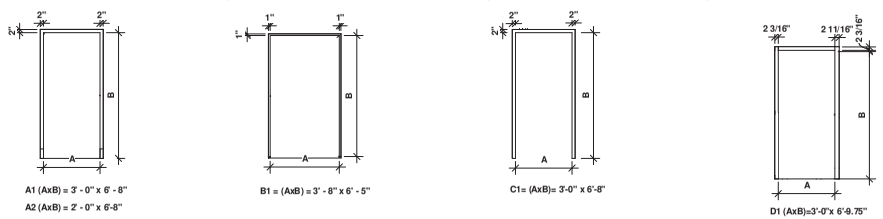


1 DOOR TYPE A
SCALE: 3/8" = 1'-0"

2 DOOR TYPE B
SCALE: 3/8" = 1'-0"

3 DOOR TYPE C
SCALE: 3/8" = 1'-0"

4 DOOR TYPE D
SCALE: 3/8" = 1'-0"

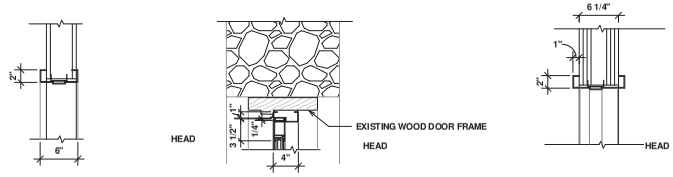


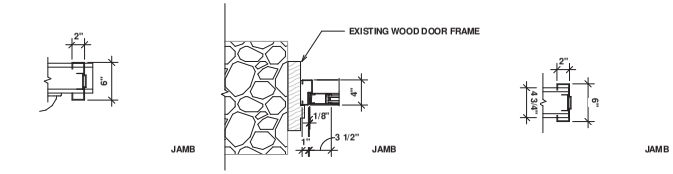
5 DOOR FRAME TYPE A
SCALE: 3/8" = 1'-0"

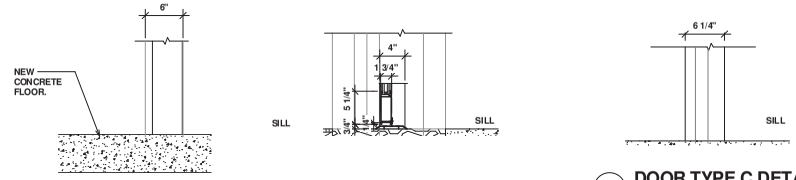
6 DOOR FRAME TYPE B
SCALE: 3/8" = 1'-0"

7 DOOR FRAME TYPE C
SCALE: 3/8" = 1'-0"

8 DOOR FRAME TYPE D
SCALE: 3/8" = 1'-0"







9 DOOR TYPE A DETAIL
SCALE: 1 1/2" = 1'-0"

10 DOOR TYPE B DETAIL
SCALE: 1 1/2" = 1'-0"

11 DOOR TYPE C DETAIL
SCALE: 1 1/2" = 1'-0"

FINAL

BES DESIGN/BUILD
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Phone: 202-223-1234
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Architect of Record and Preservation Architect:
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DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — REGISTERED — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: DOOR AND FINISH SCHEDULES

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-AE6.01
Dwg. 21 Of 30

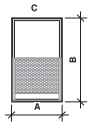
DEPARTMENT OF VETERANS AFFAIRS

Data File Name:

WINDOW SCHEDULE									
MARK	TYPE	R.O. WIDTH	R.O. HEIGHT	MATERIAL	FINISH	HEAD	JAMB	SILL	COMMENTS
1	D	2' - 5 1/2"	1' - 0"	WOOD	PTD.	D	D	D	
2	D	2' - 5 1/2"	1' - 0"			D	D	D	REPLACE WINDOW. SEE DETAILS
3	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
4	C	4' - 0"	6' - 8"			C	C	C	
5	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
6	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
7	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
8	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
9	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
10	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
11	C	4' - 0"	6' - 8"			C	C	C	
12	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
13	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
14	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
15	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
16	C	4' - 0"	6' - 8"			C	C	C	
17	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
18	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
19	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
20	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
21	C	4' - 0"	6' - 8"			C	C	C	
22	A	2' - 7"	4' - 5"			A	A	A	REPLACE WINDOW. SEE DETAILS
23	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
24	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
25	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS
26	B	2' - 10 1/2"	2' - 10 1/2"			B	B	B	REPLACE WINDOW. SEE DETAILS

A1 SIZE(AXB)= 2' 7" x 4' 5"

B1 SIZE(AXB) = 2' 10 1/2" x 2' 10 1/2"



C1 SIZE(AxB)= 4' 1/2" x 6'8"

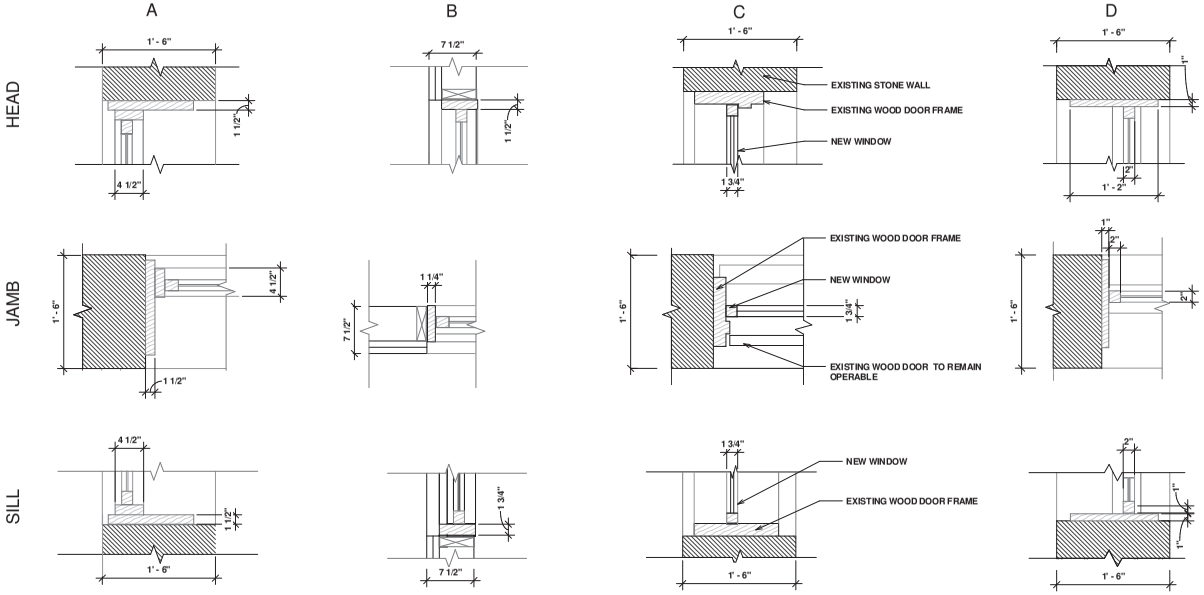
D1 SIZE(AxB)= 2' 5 1/2" x 1'0"

1 WINDOW TYPE A
SCALE: 1/4" = 1'-0"

2 WINDOW TYPE B
SCALE: 1/4" = 1'-0"

3 WINDOW TYPE C
SCALE: 1/4" = 1'-0"

4 WINDOW TYPE D
SCALE: 1/4" = 1'-0"



5 WINDOW HEAD, JAMB, SILL DETAIL
SCALE: 1 1/2" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
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Phone: 202-223-1234
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Architect of Record and Preservation Architect:
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DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVIS BARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: WINDOW SCHEDULE

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

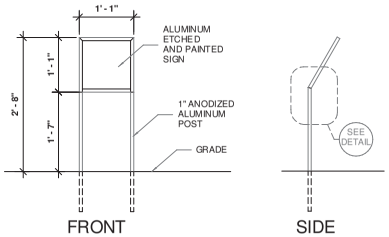
Building No: 504 | Checked: DB | Drawn: LM

Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-AE6.02
Dwg. 22 Of 30

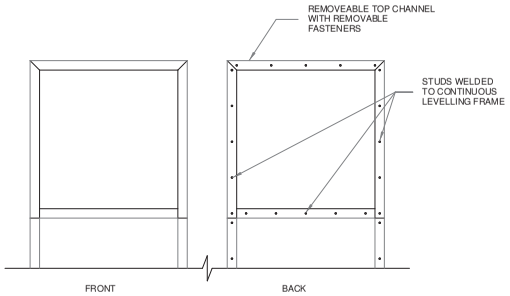
DEPARTMENT OF VETERANS AFFAIRS

Data: File Name



2 SIGN ELEVATIONS

SCALE: 1" = 1'-0"



3 ELEVATION SIGN DETAILS

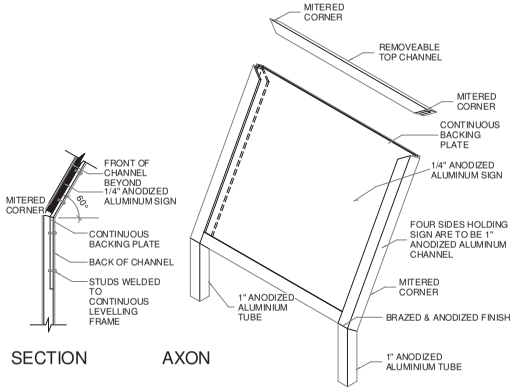
SCALE: 6" = 1'-0"

GRIST MILL

THE GRIST MILL WAS BUILT IN 1735 AND WAS OPERATED FROM 1735 TO 1800.

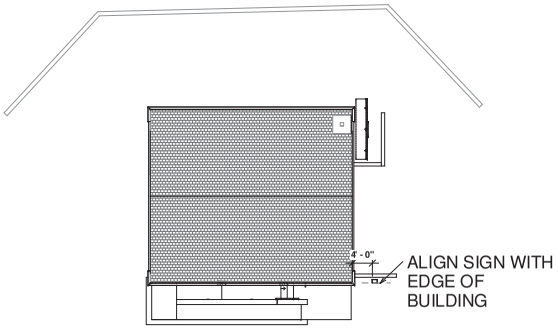
THE WATER WHEEL WAS ORIGINALLY LOCATED ON THE OPPOSITE SIDE OF THE MILL.

IN 1931, THE WATER WHEEL WAS RECREATED AS A "COLONIAL REVIVAL FOLLY" IN THE PRESENT DAY LOCATION. A FOLLY IS DEFINED AS A PICTURESQUE ELEMENT ERECTED TO SUIT A FANCIFUL TASTE. IT WAS ADDED TO THE MOST HIGHLY VISIBLE SIDE OF THE MILL AND CAN BE VIEWED FROM THE 1750 MANSION.



DETAILS

NOT TO SCALE



5 SITE PLAN WITH SIGN

SCALE: 1" = 10'-0"

FINAL

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Phone: 202-223-1234
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Architect of Record and Preservation Architect:
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Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BRANCH

STATE OF MARYLAND — DAVID MARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

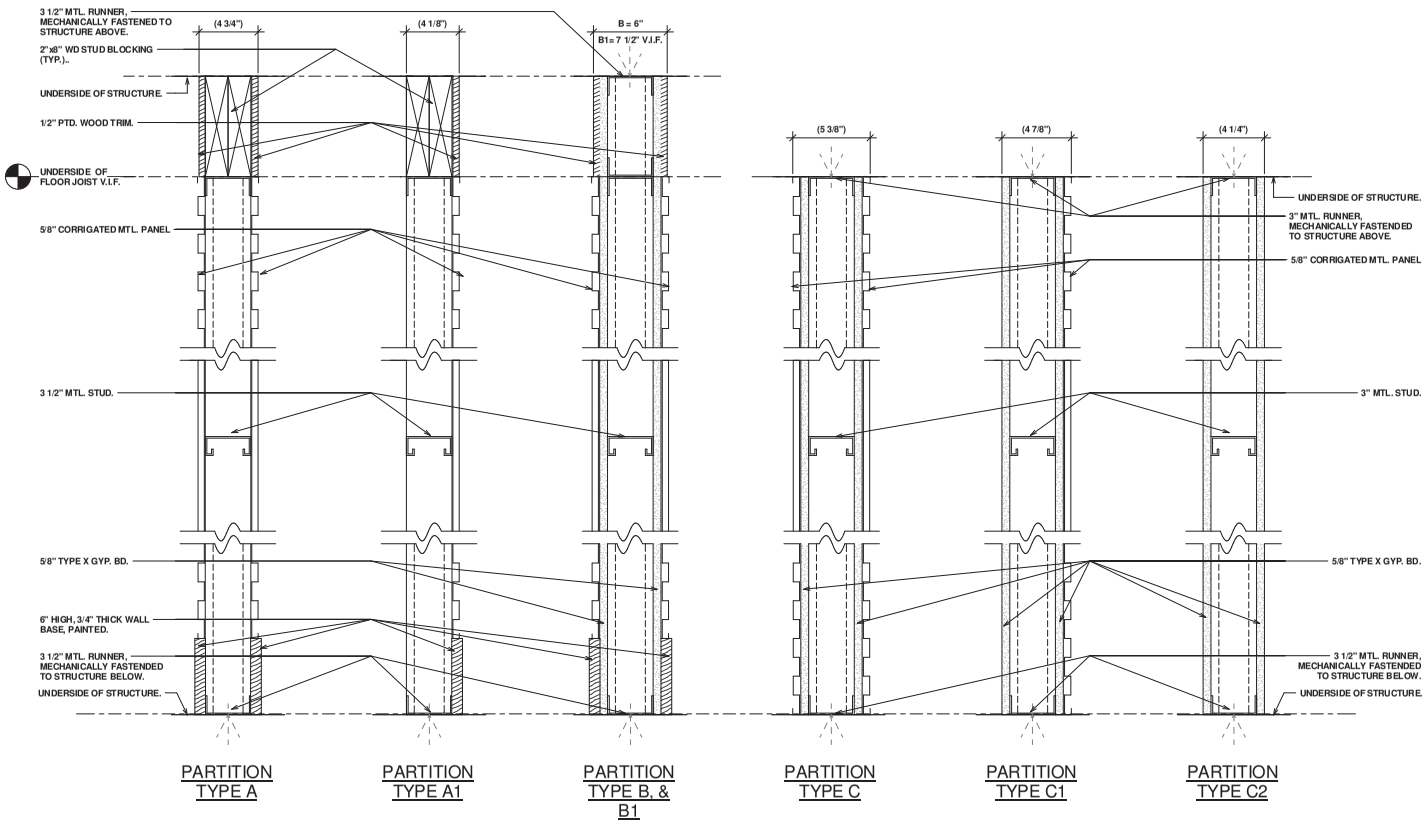
Approved: Associate Director of Operations:

Approved: Director, Medical Center:

Drawing Title:	SIGN LOCATION AND DETAILS
Project Title:	RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER
Date:	10/15/2012
Project No:	512A5-10-335
Building No:	504
Checked:	DB
Drawn:	LM
DRAWING NO:	504-AE6.03
Location:	PERRY POINT MARYLAND
Dwg.	23 Of 30

DEPARTMENT OF VETERANS AFFAIRS

Data File Name:



1 **Partition Types**

SCALE: 3" = 1'-0"

FINAL

BES DESIGN/BUILD
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Phone: 202-223-1234
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Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: **PARTITION AND TRIM DETAILS**

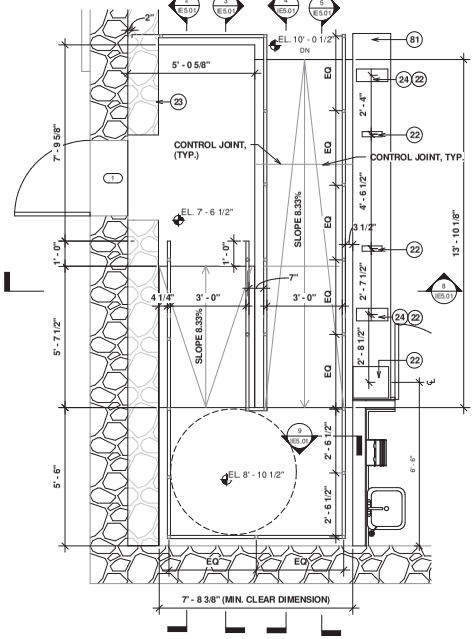
Project Title: **RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER**

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: **504-AF6.01**
Dwg. 24 Of 30

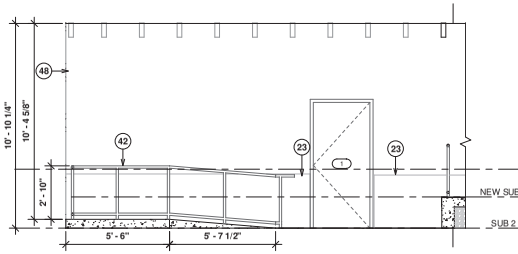
DEPARTMENT OF VETERANS AFFAIRS

Data: File Name:



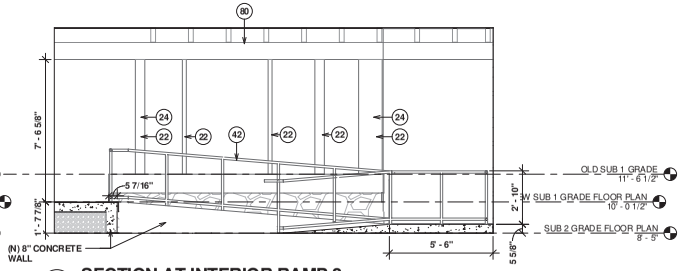
1 ENLARGED PLAN - INTERIOR RAMP SUB1/2 LVL.

SCALE: 1/2" = 1'-0"



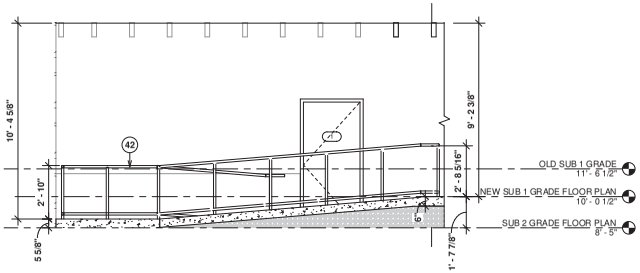
2 SECTION AT INTERIOR RAMP 1

SCALE: 3/8" = 1'-0"



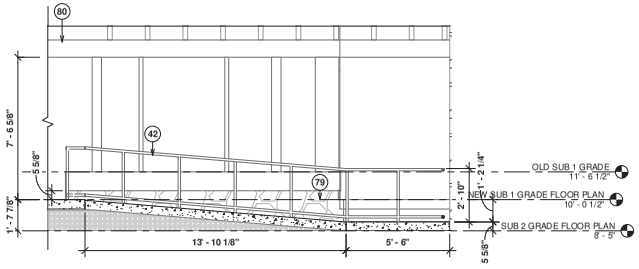
3 SECTION AT INTERIOR RAMP 2

SCALE: 3/8" = 1'-0"



4 SECTION AT INTERIOR RAMP 3

SCALE: 3/8" = 1'-0"

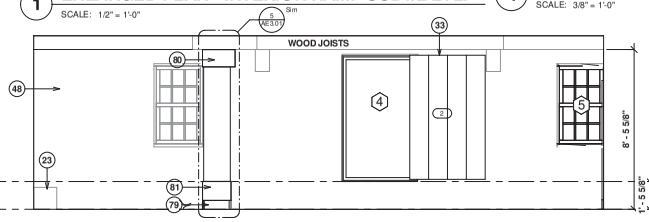


5 SECTION AT INTERIOR RAMP 4

SCALE: 3/8" = 1'-0"

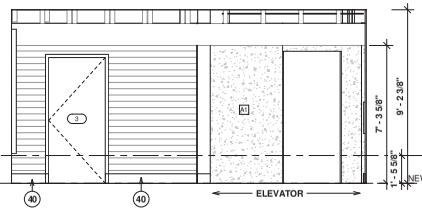
KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
18	DISASSEMBLE EXISTING COLUMNS AT HURST FRAME. STORE IN SECURE DRY LOCATION FOR REINSTALLATION.
22	SALVAGED COLUMNS TO BE REASSEMBLED.
23	(E) PROTECT EXISTING MASONRY WALL TO REMAIN.
24	HISTORIC WOOD COLUMN WITH HISTORIC MARKINGS, PROTECT DURING ALL PHASES OF CONSTRUCTION.
29	(E) HISTORIC COLUMN TO REMAIN.
33	(E) DOOR RESTORED AND FIXED OPEN.
40	NEW METAL TRIM.
42	(N) RAILING. SEE SHEET 504-IE5.01 DETAIL 9.
43	NEW BEAM.
48	CLEAN AND REPOINT STONE MASONRY WITH MORTAR TO MATCH EXISTING ON THE ENTIRE FACADE OF THE EXTERIOR OF THE BUILDING.
66	(E) WOOD BEAM. SEE STRUCTURAL DWGS.
75	(N) ELECTRICAL PANEL. SEE ELECTRICAL DWGS. N
79	(N) WALL BUILT WITH SALVAGED STONE.
80	(N) SALVAGED HURST FRAME TOP BEAM. SEE SHEET 504-AE3.01, DETAIL 5.
81	(N) SALVAGED HURST FRAME BOTTOM BEAM.

(N)- NEW
(E)- EXISTING



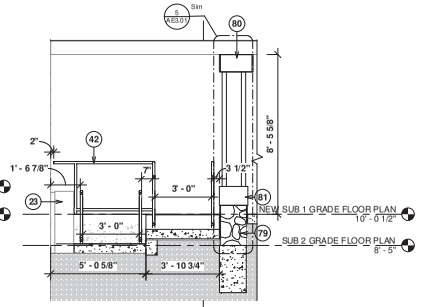
6 BASEMENT SOUTH ELEVATION

SCALE: 3/8" = 1'-0"



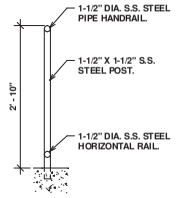
7 BASEMENT WEST ELEVATION A

SCALE: 3/8" = 1'-0"



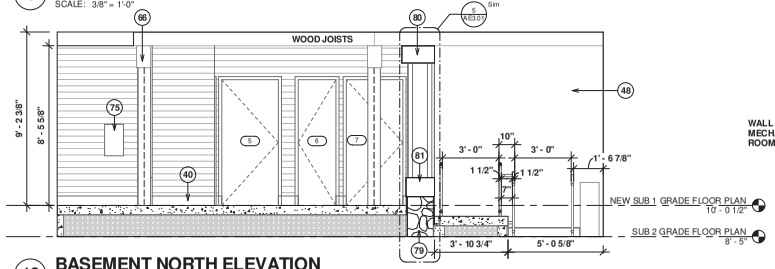
8 SECTION AT INTERIOR RAMP 3

SCALE: 3/8" = 1'-0"



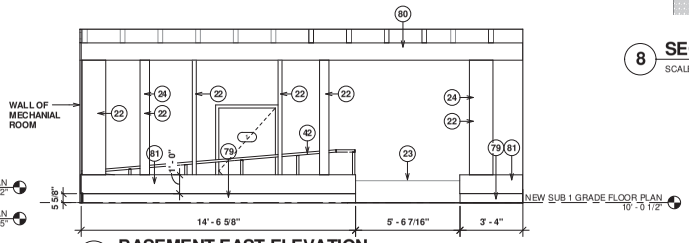
9 SECTION AT HANDRAIL

SCALE: 1" = 1'-0"



10 BASEMENT NORTH ELEVATION

SCALE: 3/8" = 1'-0"



11 BASEMENT EAST ELEVATION

SCALE: 3/8" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND DAVIS BARON BUCKLEY REGISTERED 5421 ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: INTERIOR ELEVATIONS RAMP AND BASEMENT

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

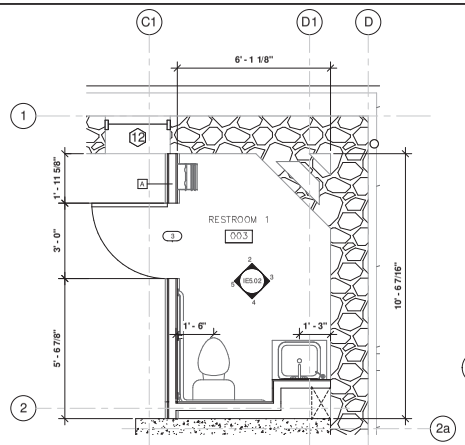
Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.01
Dwg. 25 Of 30

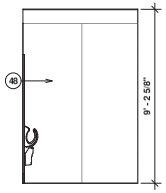
DEPARTMENT OF VETERANS AFFAIRS

KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
40	NEW METAL TRIM.
48	CLEAN AND REPOINT STONE MASONRY WITH MORTAR TO MATCH EXISTING ON THE ENTIRE FACADE OF THE EXTERIOR OF THE BUILDING.

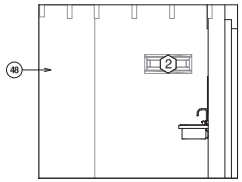
NOTE: SEE SHEET 504-AE6.01 FOR RESTROOM AND SERVICE COUNTER ACCESSORY SCHEDULE



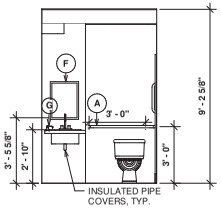
1 ENLARGED PLAN - RESTROOM 1
SCALE: 1/2" = 1'-0"



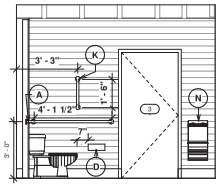
2 RESTROOM 1 SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



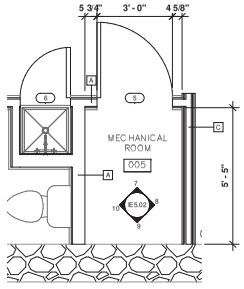
3 RESTROOM 1 WEST ELEVATION
SCALE: 3/8" = 1'-0"



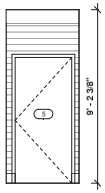
4 RESTROOM 1 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



5 RESTROOM 1 EAST ELEVATION
SCALE: 3/8" = 1'-0"

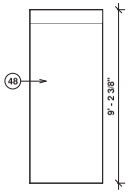


6 ENLARGED PLAN - MECHANICAL ROOM
SCALE: 1/2" = 1'-0"

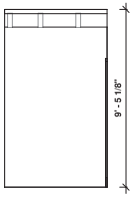


7 MECH. ROOM SOUTH ELEVATION
SCALE: 3/8" = 1'-0"

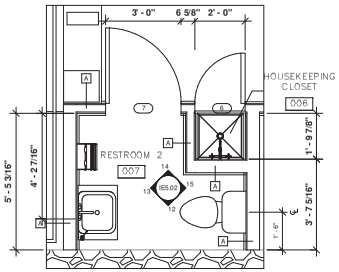
8 MECH. ROOM WEST ELEVATION
SCALE: 3/8" = 1'-0"



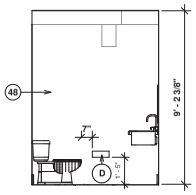
9 MECH. ROOM NORTH ELEVATION
SCALE: 3/8" = 1'-0"



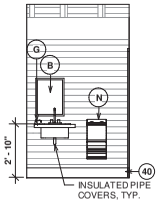
10 MECH. ROOM EAST ELEVATION
SCALE: 3/8" = 1'-0"



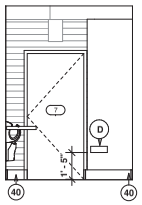
11 ENLARGED PLAN - RESTROOM 2 AND UTILITY ROOM
SCALE: 1/2" = 1'-0"



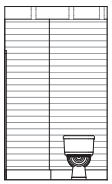
12 RESTROOM 2 SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



13 RESTROOM 2 WEST ELEVATION
SCALE: 3/8" = 1'-0"



14 RESTROOM 2 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



15 RESTROOM 2 EAST ELEVATION
SCALE: 3/8" = 1'-0"

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BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BRANCH

STATE OF MARYLAND — DAVIS BARON BUCKLEY — REGISTERED — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: INTERIOR ELEVATIONS SUB 1 AND RESTROOM 1, 2

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504 | Checked: DB | Drawn: LM

Location: PERRY POINT MARYLAND

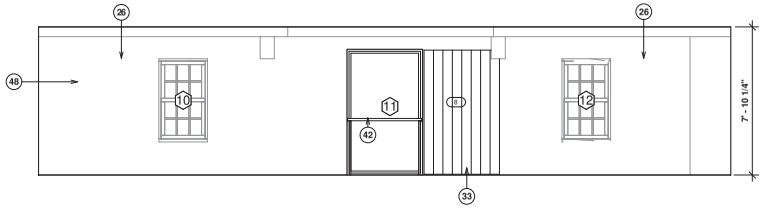
Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.02
Dwg. 26 Of 30

DEPARTMENT OF VETERANS AFFAIRS

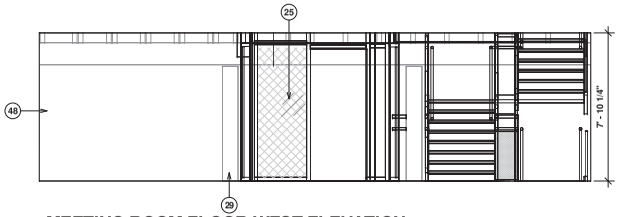
Data File Name

KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
25	(N) 1 HOUR RATED FIRE RATED WIRE GLASS.
26	(E) EXPOSED STONE WALL.
29	(E) HISTORIC COLUMN TO REMAIN.
33	(E) DOOR RESTORED AND FIXED OPEN.
42	(N) RAILING. SEE SHEET 504-IE5.01 DETAIL 9.
48	CLEAN AND REPOINT STONE MASONRY WITH MORTAR TO MATCH EXISTING ON THE ENTIRE FACADE OF THE EXTERIOR OF THE BUILDING.

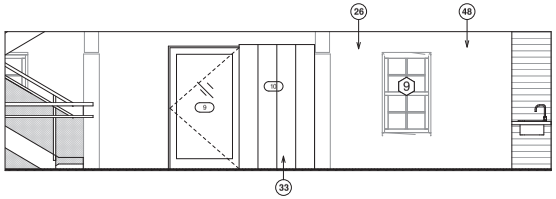
(N)- NEW
(E)- EXISTING



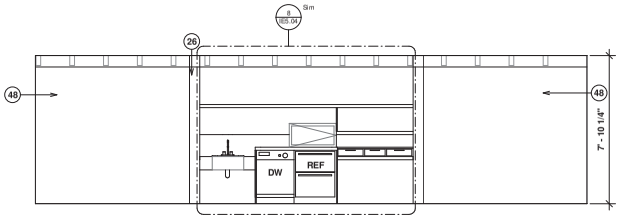
1 MEETING ROOM SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



2 MEETING ROOM FLOOR WEST ELEVATION
SCALE: 3/8" = 1'-0"



3 MEETING ROOM NORTH ELEVATION
SCALE: 3/8" = 1'-0"



4 MEETING ROOM EAST ELEVATION
SCALE: 3/8" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID BARON BUCKLEY — REGISTERED — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: INTERIOR ELEVATIONS MEETING ROOM

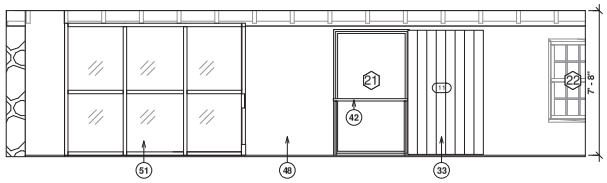
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

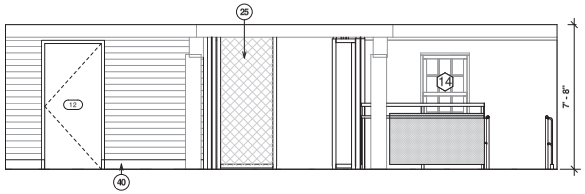
Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.03
Dwg. 27 Of 30

DEPARTMENT OF VETERANS AFFAIRS

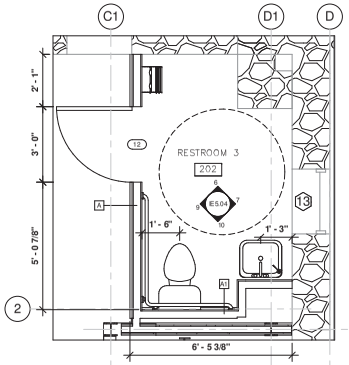
Data File Name



1 BREAK OUT ROOM SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



2 BREAK OUT ROOM WEST ELEVATION
SCALE: 3/8" = 1'-0"



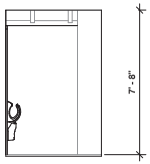
3 ENLARGED PLAN - RESTROOM 3
SCALE: 1/2" = 1'-0"

2a (N)- NEW
(E)- EXISTING

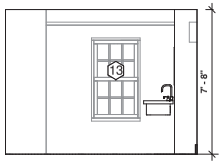
NOTE: SEE SHEET 504-AE6.01 FOR RESTROOM AND SERVICE COUNTER ACCESSORY SCHEDULE

KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
25	(N) 1 HOUR RATED FIRE RATED WIRE GLASS.
29	(E) HISTORIC COLUMN TO REMAIN.
32	(E) HISTORIC STAIR TO REMAIN - PROTECT FROM DAMAGE BY CONSTRUCTION OPERATIONS.
33	(E) DOOR RESTORED AND FIXED OPEN.
40	NEW METAL TRIM.
42	(N) RAILING. SEE SHEET 504-IE5.01 DETAIL 9.
48	CLEAN AND REPOINT STONE MASONRY WITH MORTAR TO MATCH EXISTING ON THE ENTIRE FACADE OF THE EXTERIOR OF THE BUILDING.
51	(N) STEEL AND GLASS WINDOW WALL SYSTEM.
73	1-1/2" CIRCULAR TUBE RAIL.

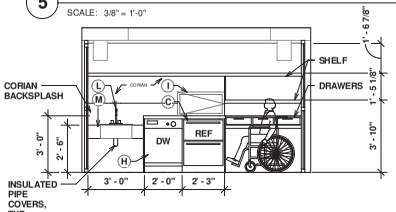
5 BREAK OUT ROOM NORTH ELEVATION
SCALE: 3/8" = 1'-0"



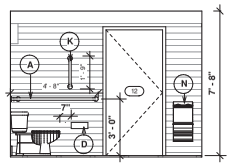
6 RESTROOM 3 SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



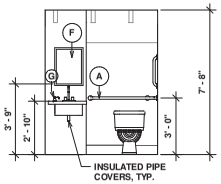
7 RESTROOM 3 WEST ELEVATION
SCALE: 3/8" = 1'-0"



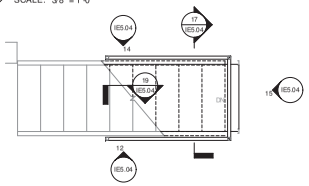
8 SERVICE COUNTER ELEVATION
SCALE: 3/8" = 1'-0"



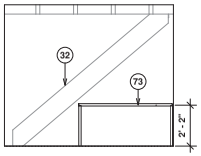
9 RESTROOM 3 EAST ELEVATION
SCALE: 3/8" = 1'-0"



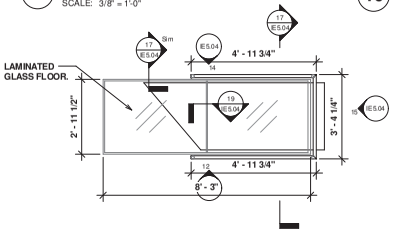
10 RESTROOM 3 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



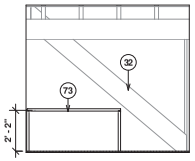
11 ENLARGED PLAN - STAIR RAILING
SCALE: 1/2" = 1'-0"



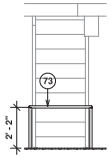
12 STAIR RAILING SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



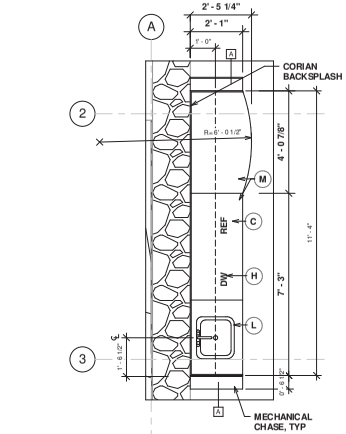
13 ENLARGED PLAN - STAIR GLASS FLOOR
SCALE: 1/2" = 1'-0"



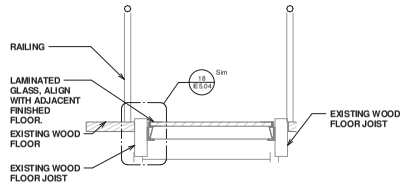
14 STAIR RAILING NORTH ELEVATION
SCALE: 3/8" = 1'-0"



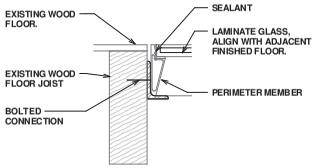
15 STAIR RAILING EAST ELEVATION
SCALE: 3/8" = 1'-0"



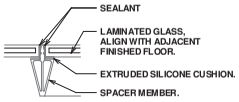
16 SERVICE COUNTER PLAN
SCALE: 1/2" = 1'-0"



17 DETAIL SECTION - GLASS FLOOR
SCALE: 1" = 1'-0"



18 GLASS FLOOR DETAIL
SCALE: 3" = 1'-0"



19 DETAIL - GLASS FLOOR MULLION
SCALE: 3" = 1'-0"

FINAL

BES DESIGN/BUILD
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Phone: 202-223-1234
Fax: 202-223-1212

Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: INTERIOR ELEVATIONS BREAK OUT AREA, RESTROOM 3

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

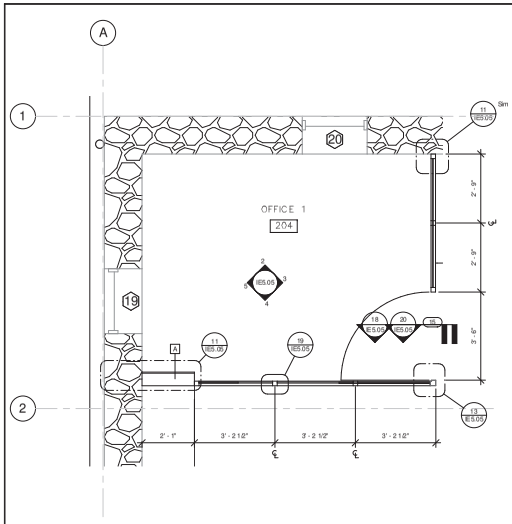
Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.04
Dwg. 28 Of 30

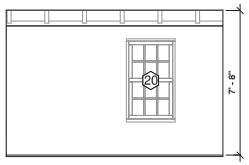
DEPARTMENT OF VETERANS AFFAIRS

Data File Name

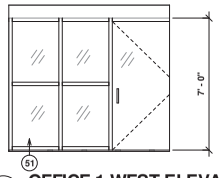
KEYNOTE LEGEND	
KEY NUMBER	KEYNOTE TEXT
48	CLEAN AND REPOINT STONE MASONRY WITH MORTAR TO MATCH EXISTING ON THE ENTIRE FACADE OF THE EXTERIOR OF THE BUILDING.
51	(N) STEEL AND GLASS WINDOW WALL SYSTEM.



1 ENLARGED PLAN - OFFICE 1
SCALE: 1/2" = 1'-0"

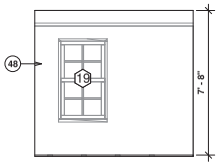


2 OFFICE 1 SOUTH ELEVATION
SCALE: 3/8" = 1'-0"

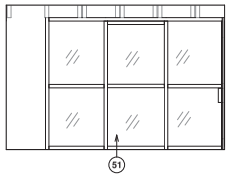


3 OFFICE 1 WEST ELEVATION
SCALE: 3/8" = 1'-0"

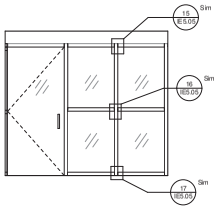
4 OFFICE 1 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



5 OFFICE 1 EAST ELEVATION
SCALE: 3/8" = 1'-0"



6 OFFICE 2 SOUTH ELEVATION
SCALE: 3/8" = 1'-0"



7 OFFICE 2 WEST ELEVATION
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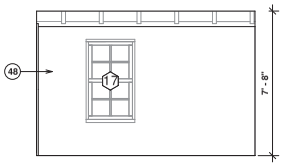
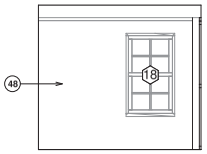
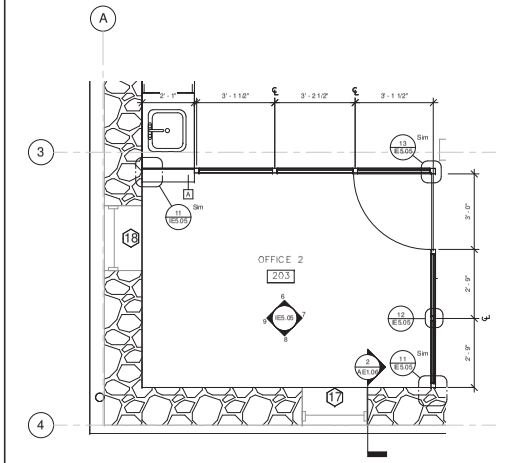


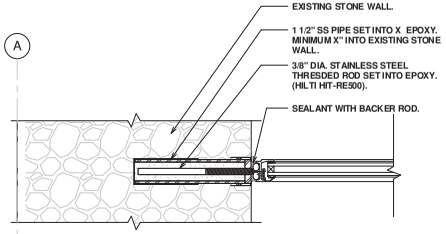
8 OFFICE 2 NORTH ELEVATION
SCALE: 3/8" = 1'-0"



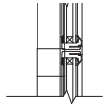
9 OFFICE 2 EAST ELEVATION
SCALE: 3/8" = 1'-0"



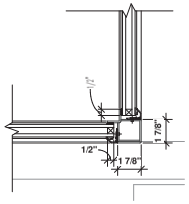
10 ENLARGED PLAN - OFFICE 2
SCALE: 1/2" = 1'-0"



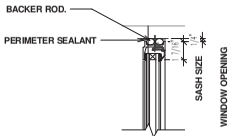
11 DTL PLAN - WINDOW WALL AT EXISTING STONE WALL
SCALE: 3" = 1'-0"



12 DTL PLAN - WALL MUNTIN
SCALE: 3" = 1'-0"

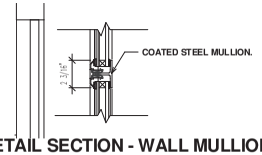


13 DTL PLAN - CORNER
SCALE: 3" = 1'-0"

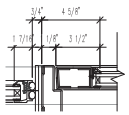


15 DTL SECTION - WALL HEAD
SCALE: 3" = 1'-0"

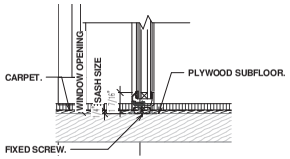
18 DOOR HEAD TYPE D
SCALE: 3" = 1'-0"



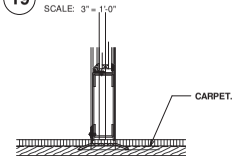
16 DETAIL SECTION - WALL MULLION
SCALE: 3" = 1'-0"



19 DOOR JAMB TYPE D
SCALE: 3" = 1'-0"



17 DETAIL SECTION - WALL SILL
SCALE: 3" = 1'-0"



20 DOOR SILL TYPE D
SCALE: 3" = 1'-0"

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Architect of Record and Preservation Architect:
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DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID BARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: INTERIOR ELEVATIONS OFFICE 1, 2, AND WALL DETAILS

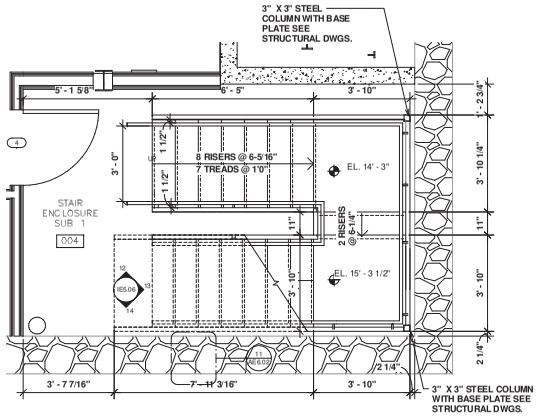
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504
Checked: DB
Drawn: LM
Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.05
Dwg. 29 Of 30

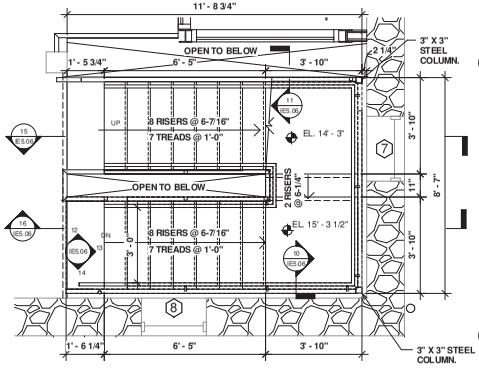
DEPARTMENT OF VETERANS AFFAIRS

Data File Name



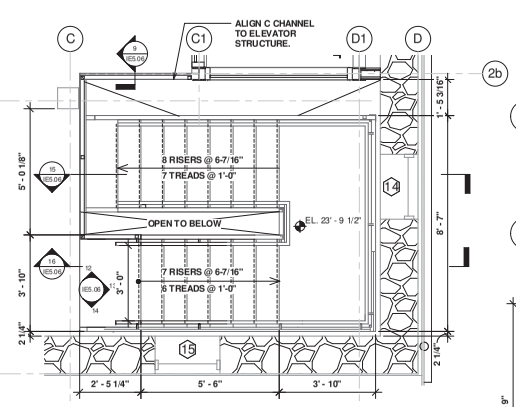
1 ENLARGED PLAN - SUB 1 STAIR

SCALE: 1/2" = 1'-0"



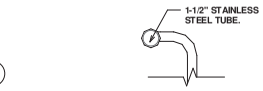
2 ENLARGED PLAN - FIRST FLOOR STAIR

SCALE: 1/2" = 1'-0"



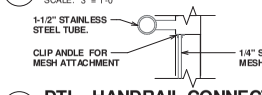
3 ENLARGED PLAN - SECOND FLOOR STAIR

SCALE: 1/2" = 1'-0"



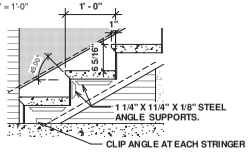
4 DETAIL HANDRAIL, TYP

SCALE: 3" = 1'-0"



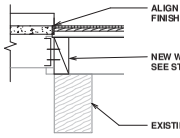
5 DTL - HANDRAIL CONNECTION

SCALE: 3" = 1'-0"



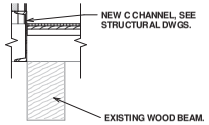
6 DETAIL - STAIR TREAD

SCALE: 1" = 1'-0"



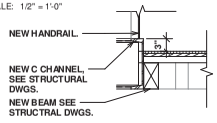
7 STAIR CONNECTION TO FIRST FL

SCALE: 1" = 1'-0"



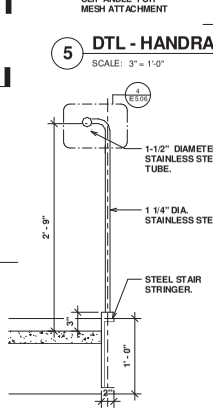
8 STAIR CONNECTION TO 2ND FL

SCALE: 1" = 1'-0"



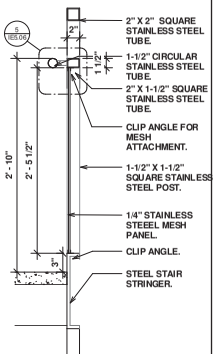
9 SECTION AT HANDRAIL SECOND FL

SCALE: 1" = 1'-0"



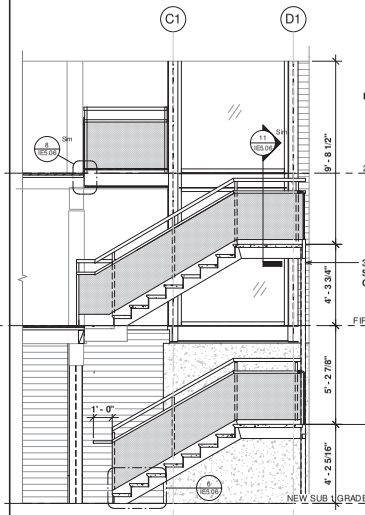
10 DETAIL - HANDRAIL, TYP.

SCALE: 1 1/2" = 1'-0"



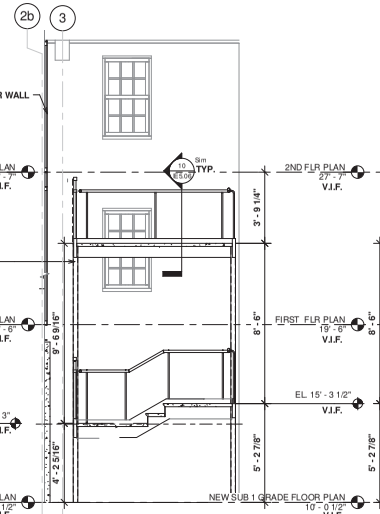
11 DETAIL - GUARDRAIL TYP.

SCALE: 1 1/2" = 1'-0"



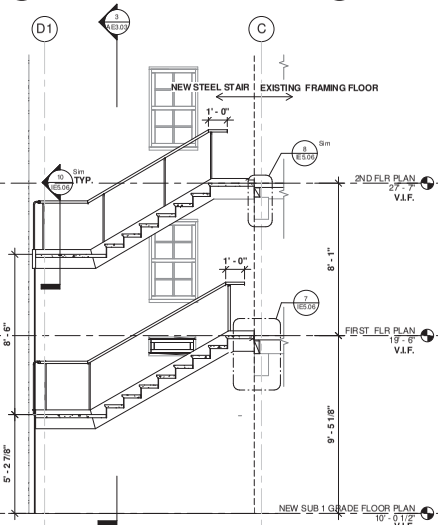
12 STAIR SOUTH ELEVATION

SCALE: 3/8" = 1'-0"



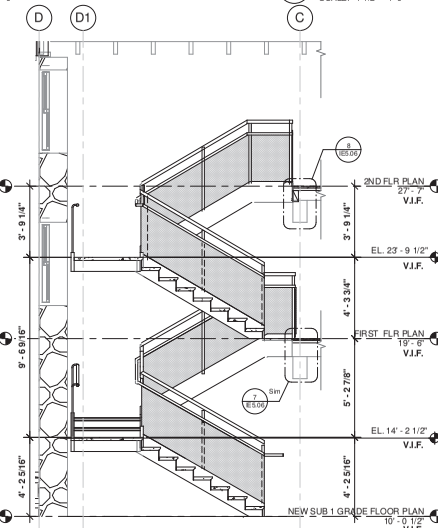
13 STAIR WEST ELEVATION

SCALE: 3/8" = 1'-0"



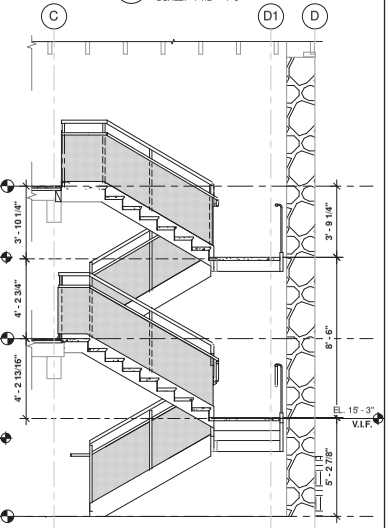
14 STAIR NORTH ELEVATION

SCALE: 3/8" = 1'-0"



15 SECTION A AT STAIR

SCALE: 3/8" = 1'-0"



16 SECTION B AT STAIR

SCALE: 3/8" = 1'-0"

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Architect of Record and Preservation Architect:
DBA
DAVIS BUCKLEY ARCHITECTS AND PLANNERS

Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BRANCH

STATE OF MARYLAND — DAVID AARON BUCKLEY — 5421 — ARCHITECT

Approved: Chief, Facilities and Engineering:
Approved: Associate Chief for Maintenance And Operations, Perry Point:
Approved: Associate Director of Operations:
Approved: Director, Medical Center:

Drawing Title: STAIR PLANS AND SECTIONS

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504 | Checked: DB | Drawn: LM

Location: PERRY POINT MARYLAND

Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-IE5.06
Dwg. 30 Of 30

DEPARTMENT OF VETERANS AFFAIRS

GENERAL STRUCTURAL NOTES
THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO INSERTS, ANCHORS, SLEEVES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK.

STRUCTURAL DESIGN CRITERIA
BUILDING CODE: INTERNATIONAL BUILDING CODE

FLOOR LIVE LOADS: OFFICE LOADING 50 POUNDS PER SQUARE FOOT
ROOF LIVE LOAD: 20 POUNDS PER SQUARE FOOT

WIND LOADS: BASIC WIND SPEED (3-SECOND GUST) V = 90 MPH
IMPORTANCE FACTOR, Iw = 1.0
WIND EXPOSURE = B
INTERNAL PRESSURE COEFFICIENT, GCPi = +-0.18
COMPONENT AND CLADDING PRESSURES:
ALL WINDOWS AND DOORS SHALL BE RATED FOR 25 PSF.

SEISMIC LOADS: SITE CLASS : D (ASSUMED)
SEISMIC FORCE RESISITING SYSTEM:

ORDINARY PLAIN MASONRY SHEAR WALLS (R=1.5)
STEEL MOMENT FRAME (NOT SPECIFICALY DETAILED FOR SEISMIC) (R= 3)

SEISMIC DESIGN CATEGORY : B
Sds : 0.23
Sd1 : 0.09
Cs : 0.154
V : 86.8 kipa

SUBMITTALS
AS A MINIMUM, THE FOLLOWING SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW:
A. STONE MASONRY MORTAT MIX DESIGN (S)
B. CONCRETE MIX DESIGNS
C. STRUCTURAL STEEL SHOP DRAWINGS
D. REBAR SHOP DRAWINGS
E. STEEL CORD SYSTEM SUBMITTALS
F. EPOXY ANCHORAGE AND REPAIR SUBMITTALS
G. SOIL STABILIZATION AND ANCHORAGE SUBMITTALS

SPECIAL INSPECTIONS ARE REQUIRED FOR CONCRETE, MASONRY AND STRUCTURAL STEEL. SEE PROJECT SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO THOSE LISTED BELOW. THE WORK REQUIRING SPECIAL INSPECTIONS INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:

MATERIAL VERIFICATIONS OF HIGH-STRENGTH BOLTS, NUTS, WASHERS, STRUCTURAL STEEL AND WELD FILLER MATERIAL
INSPECTION OF HIGH-STRENGTH BOLTING AND WELDING
INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS
INSPECTION OF REINFORCING STEEL WELDING, WHERE IT OCCURS
DRILLING AND INSTALLATION OF PILE CAPS AND PIERS
VERIFICATION AND INSPECTION OF CONCRETE MIX DESIGN, REINFORCING, EMBEDDED ITEMS, CONCRETE SAMPLES, AND CURING TECHNIQUES
CONCRETE STRENGTH TESTS
ALL STRUCTURAL STEEL WELDING, EXCEPT WHERE DONE IN THE SHOP OF AN APPROVED FABRICATOR
REINFORCING STEEL (WHERE F'c IS GREATER THAN 2500 PSI OR REINFORCING IS WELDED)
USE OF STRUCTURAL EPOXIES
SOIL COMPACTION REQUIREMENTS
ADHESIVE AND DRILLED-IN EXPANSION ANCHORS

SPECIAL INSPECTIONS PROCEDURES SHALL BE AS DEFINED IN CHAPTER 17 OF THE 2006 INTERNATIONAL BUILDING CODE. INSPECTIONS SHALL BE MADE BY THE MARYLAND HISTORIC TRUST OR DESIGNEE.

THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE WORK TO ALLOW FOR REQUIRED SPECIAL INSPECTIONS WITHOUT DELAYING THE PERFORMANCE OF THE WORK. A MINIMUM OF 48 HOURS ADVANCE NOTICE SHALL BE PROVIDED TO SPECIAL INSPECTORS BY THE CONTRACTOR.

STRUCTURAL OBSERVATION

STRUCTURAL OBSERVATION WILL BE PERFORMED BY THE MARYLAND HISTORIC TRUST OR DESIGNEE.

STRUCTURAL OBSERVATION IS THE VISUAL OBSERVATION OF THE ELEMENTS AND CONNECTIONS OF THE STRUCTURAL SYSTEM AT SIGNIFICANT CONSTRUCTION STAGES AND THE COMPLETED STRUCTURAL FOR GENERAL CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS. STRUCTURAL OBSERVATION DOES NOT WAIVE THE RESPONSIBILITY FOR THE INSPECTIONS REQUIRED OF THE BUILDING INSPECTOR.

THE CONTRACTOR SHALL COORDINATE AND CALL FOR A PRE-CONSTRUCTION MEETING BETWEEN THE ENGINEER OR ARCHITECT RESPONSIBLE FOR THE STRUCTURAL DESIGN, STRUCTURAL OBSERVER, CONTRACTOR, AFFECTED SUBCONTRACTORS, BUILDING AND DEPUTY INSPECTORS. THE PURPOSE OF THE MEETING SHALL BE TO IDENTIFY THE MAJOR STRUCTURAL ELEMENTS AND CONNECTIONS THAT AFFECT THE VERTICAL AND LATERAL LOAD SYSTEMS OF THE STRUCTURE AND TO REVIEW SCHEDULING OF THE REQUIRED OBSERVATIONS.

THE STRUCTURAL OBSERVER SHALL PERFORM SITE VISITS AT THOSE STEPS IN THE PROGRESS OF THE WORK THAT ALLOW FOR CORRECTION OF DEFICIENCIES WITHOUT SUBSTANTIAL EFFORT OR UNCOVERING OF THE WORK INVOLVED. AT A MINIMUM, THE FOLLOWING SIGNIFICANT CONSTRUCTION STAGES REQUIRE A SITE VISIT.

STAGE OF CONSTRUCTION	ELEMENT TO BE OBSERVED
FOUNDATION	REINFORCEMENT & ANCHORS
CONCRETE WALLS	REINFORCEMENT
STEEL ERECTION	COLUMN AND BEAM CONNECTIONS
STONE MASONRY	STEEL CORD INSTALLATION
CONCRETE MASONRY	REINFORCEMENT AND ANCHORS
WOOD ERECTION	LAYOUT AND CONNECTORS

STRUCTURAL TESTING
THE CONTRACTOR SHALL INCLUDE THE FOLLOWING TESTS AT A MINIMUM IN HIS CONTRACT. COORDINATE WITH THE OWNER REPRESENTATIVE FOR THE SCHEDULING REQUIREMENTS OF TESTS.

A GEOTECHNICAL INVESTIGATION AND REPORT SHALL BE PROVIDED FOR THE PROJECT. THE REPORT SHALL PROVIDE INFORMATION ON THE SOIL BEARING CAPACITY, LATERAL EARTH PRESSURE CHARACTERISTICS, AS WELL AS NEEDED INFORMATION FOR THE OTHER SITE REQUIREMENTS.

THE ENDS OF ALL JOISTS AND BEAMS WILL BE EXPOSED DURING CONSTRUCTION. THE ENDS WILL THEN BE EXAMINED AND TESTED FOR DECAY AND INFESTATION. THE WOOD SHALL BE TESTED FOR MOISTURE AND DECAY. IN ADDITION, THE SECTION SHALL BE EXAMINED FOR LOSS OF SECTION, CRACKS AND CHECKS IN THE WOOD.

THE STEEL ANCHORS SHALL BE TESTED FOR TENSILE PULLOUT ON THE STONE WALL. A STRUCTURAL TEST PANEL SHALL BE CONSTRUCTED, AND A SUFFICIENT NUMBER OF SAMPLES TESTED. CONTACT A HILTI FIELD REPRESENTATIVE FOR MORE INFORMATION.

THE COMPRESSIVE STRENGTH OF THE MORTAR AND STONE ASSEMBLY SHALL ALSO BE TESTED. PROVIDE THE QUANITITY OF PANELS REQUIRED BY THE TESTING COMPANY, BUT NO LESS THAN TWO PANELS.

FOUNDATION NOTES
ALL FOOTINGS SHALL BEAR ON UNDISTURBED, FIRM NATURAL SOIL, OR COMPACTED FILL CAPABLE OF SUPPORTING A DESIGN BEARING PRESSURE OF 3,000 PSF. ALL FOUNDATION EXCAVATIONS SHALL BE EVALUATED BY THE GEOTECHNICAL ENGINEER/ TESTING AGENCY PRIOR TO POURING CONCRETE.

UNLESS OTHERWISE NOTED, PROVIDE THE FOLLOWING COVER FOR FOUNDATION REINFORCEMENT:

BOTTOM BARS & BARS IN CONCRETE CAST AGAINST EARTH: 3"
BARS THAT ARE EXPOSED TO WEATHER: #5 OR SMALLER 1 1/2"

ALL BARS SHALL BE LAPPED 40 X THE BAR DIAMETER AT SPLICE. PRIOR TO COMMENCING FOUNDATION WORK, COORDINATE WORK WITH UTILITIES.

FOUNDATION PREPARATION NOTES

THE FOUNDATION SHALL BE PREPPED AS PER THE GEOTECHNICAL ENGINEER, BUT NO LESS THAN THE FOLLOWING REQUIREMENTS.

REMOVE ALL ORGANICS, PAVEMENT, ROOTS, DEBRIS, AND OTHERWISE UNSUITABLE MATERIAL.

THE SURFACE OF THE EXPOSED SUBGRADE SHALL BE INSPECTED BY PROBING OR TESTING TO CHECK FOR POCKETS OF SOFT OR UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE GEOTECHNICAL ENGINEER/ TESTING AGENCY.

FILL ALL EXCAVATED AREAS WITH APPROVED CONTROLLED FILL. PLACE IN 12" LOOSE LIFTS AND COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.

ALL CONTROLLED FILL MATERIAL SHALL BE A SELECT GRANULAR MATERIAL, FREE FROM ALL ORGANICS OR OTHERWISE DELETERIOUS MATERIAL WITH NOT MORE THAN 25% BY WEIGHT PASSING A NO. 200 SIEVE (CLASSIFIED AS SC, SM, SP OR BETTER IN ACCORDANCE WITH THE UNIFIED CLASSIFICATION SYSTEM) AND PLASTICITY INDEX NOT EXCEEDING 10%.

PROVIDE FIELD DENSITY TESTS FOR EACH 2,500 PSF OF BUILDUG AREA FOR EACH LIFT OF CONTROLLED FILL.

CAST-IN-PLACE CONCRETE NOTES:
CONCRETE MIXES SHALL BE DESIGNED PER ACI 301, USING PORTLAND CEMENT CONFORMING TO ASTM C-150 OR C-595, AGGREGATE CONFORMING TO ASTM C-33, AND ADMIXTURES CONFORMING TO ASTM C-494, C-1017, C818, AND C-260. CONCRETE SHALL BE READY MIXED IN ACCORDANCE WITH ASTM C-94.

ALL CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH, f'c OF 3,000 psi.

REINFORCING STEEL, INCLUDING HOOKS AND BENDS, SHALL BE DETAILED IN ACCORDANCE WITH ACI 315. ALL REINFORCING STEEL INDICATED AS BEING CONTINUOUS SHALL BE LAPPED WITH A TYPE 2 SPLICE UNLESS OTHERWISE NOTED.

BAR SUPPORTS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO ENSURE MINIMUM CONCRETE COVER. BAR SUPPORTS SHALL BE PLASTIC TIPPED OR STAINLESS STEEL.

CONCRETE EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (±1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C-260.

SLAB ON GRADE NOTES
PROVIDE CONCRETE SLABS OVER 6 MIL POLYETHYLENE VAPOR BARRIER AND 4" OF POROUS FILL AS FOLLOWS: 4" SLAB REINFORCED WITH 6x6-W2.1xW2.1 WELDED WIRE FABRIC AND WITH 4,000 PSI MIX CONCRETE.

MAXIMUM SLUMP FOR CONCRETE SLABS WILL BE 5" WITH TYPE II CEMENT.

ALL WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A-185. LAP ADJOINING PIECES AT LEAST ONE FULL MESH. WELDED WIRE FABRIC SHALL BE ORDERED IN SHEETS, NOT ROLLS. WELDED WIRE FABRIC SHALL BE BLOCKED INTO POSITION WITH PRECAST CONCRETE BLOCKS HAVING THE SAME COMPRESSIVE STRENGTH OF THE SLAB.

SAW-CUT OR FORMED CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM OF 15' ON CENTER.

THE ALTERNATE WIRES OF THE WELDED WIRE FABRIC MUST BE PRECUT AT THE SLAB CONTRACTION JOINT LOCATIONS TO CREATE A "WEAKENED PLANE".

THE USE OF POLYPROPYLENE FIBERS (IN LIEU OF WELDED WIRE FABRIC) IS PROHIBITED.

ALL POROUS FILL MATERIAL SHALL BE A CLEAN GRANULAR FILL MATERIAL WITH 100% PASSING THE 1½" SIEVE AND NO MORE THAN 5% PASSING THE NO. 4 SIEVE. POROUS FILL SHALL BE COMPACTED TO 98% MAX DRY DENSITY PER ASTM D-1557 MODIFIED PROCTOR METHOD.

SLAB JOINTS SHALL BE FILLED WITH A SEALANT PER THE MANUFACTURER RECOMMENDATIONS.

SLABS EXPOSED TO WEATHER SHALL BE AIR ENTRAINED TO 5% (±1%) WITH AN ADMIXTURE THAT CONFORMS TO ASTM C-260.

THE SLAB SHALL BE WET CURED BY KEEPING THE SLAB MOIST FOR A PERIOD OF SEVEN DAYS. ALTERNATIVELY, PROVIDE A WET-CURING SEALANT PER THE MANUFACTURERS RECOMMENDATIONS.

STONE MASONRY RE-WORK AND REPOINTING

ENSURE THAT SECTIONS OF WORK ARE LIMITED SUCH THAT THE WALL IS ABLE TO SUPPORT THE CONSTRUCTION LOADS. MONITOR THE VERTICAL ALIGNMENT OF THE WALLS DURING CONSTRUCTION. PROVIDE TEMPORARY BRACING AND SHORING OF WALLS AS REQUIRED TO STRENGTHEN THE WALL DURING THE REPAIRS. WHERE AREAS MUST BE RE-WORKED, THE SIZE AND DISTRIBUTION OF STONE SHALL MATCH THE EXISTING CONSTRUCTION.

THERE ARE CRACKED STONES ON THE BUILDING THAT REQUIRE REPAIR. THE CRACKED STONES SHALL BE INJECTED WITH AN APPROVED EPOXY RESIN. THE EPOXY SHALL EXTEND JUST SHY OF FLUSH WITH THE FACE OF THE STONE.

MORTAR
MORTAR USED FOR RE-POINTING SHALL BE TYPE 'O' MORTAR FOR ALL WORK DONE IN ALL AREA ABOVE GRADE AND NOT EXPOSED TO EARTH. MORTAR USED ON BASEMENT WALLS EXPOSED TO EARTH (BOTH SIDES) SHALL BE A TYPE 'N' MORTAR. THE MORTARS SHALL CONFORM TO THE ASTM C270 MORTAR STANDARD.

THE PROPORTIONS BY VOLUME FOR CEMENT, LIME, AND SAND SHALL BE AS FOLLOWS FOR THE TWO MORTAR TYPES;

	PORTLAND CEMENT	LIME	SAND
TYPE 'N' MORTAR	1	1	6
TYPE 'O' MORTAR	1	2	9

SAND USED IN THE MORTAR MIX SHALL BE FREE OF IMPURITIES SUCH AS SALTS AND CLAY. THE SAND SHALL BE GRADED TO THE PARTICLE SIZE DISTRIBUTION ACCORDING TO ASTM C144. SOME VARIATION MAY BE NECESSARY TO MEET THE REQUIRED TEXTURE OF THE ORIGINAL MORTAR. THE COLOR OF THE SAND MAY AFFECT THE FINAL MORTAR COLOR, AND WILL NEED APPROVAL OF THE OWNER'S REPRESENTATIVE.

PORTLAND CEMENT USED IN THE MORTAR SHALL CONFORM TO ASTM C 150, TYPE I. A WHITE NON-STAINING CEMENT SHOULD BE ASSUMED IN THE MIX DESIGN IN ORDER TO MEET THE COLOR REQUIREMENTS FOR THE MORTAR. THE CEMENT SHOULD NOT HAVE MORE THAN .6 PERCENT ALKALI.

WATER USED IN THE MORTAR SHALL BE CLEAN AND DRINKABLE, FREE FROM ACIDS, ALKALIS OR OTHER DISSOLVED ORGANIC MATERIALS.

CHEMICAL ADMIXTURES ARE NOT ALLOWED IN THE MORTAR MIX.

MORTAR PREPARATION
MORTAR COMPONENTS SHOULD BE MEASURED AND MIXED CAREFULLY. DRY INGREDIENTS SHALL BE MEASURED BY VOLUME AND THOROUGHLY MIXED BEFORE THE ADDITION OF WATER. SAND MUST BE ADDED I A DAMP, LOOSE CONDITION TO AVOID OVER SANDING. ADD HALF THE REQUIRED WATER, AND MIX FOR FIVE MINUTES. THE REMAINING WATER SHOULD THEN BE ADDED IN SMALL PORTIONS UNTIL THE REQUIRED CONSISTENCY IS MET. MORTAR SHALL BE USED WITHIN 30 MINUTES OF FINAL MIXING AND ADDING WATER IS NOT PERMITTED.

IF LIME PUTTY IS TO BE USED, THE CONTRACTOR SHALL INCLUDE THE MIX DESIGN AND MIX PROCEDURE IN THE SUBMITTALS. IF USED, LIME PUTTY SHALL BE PROTECTED FROM THE AIR IN SEALED CONTAINERS.

JOINT PREPARATION
THE OLD MORTAR SHALL BE REMOVED TO A DEPTH OF 2 TO 3 INCHES. ANY LOOSE OR DISINTEGRATED MORTAR THAT IS BEYOND THIS DEPTH SHALL ALSO BE REMOVED. MORTAR SHALL BE REMOVED WITH THE USE OF HAND CHISELS AND MASH HAMMERS. POWER TOOLS MAY BE APPROVED BY THE OWNER REPRESENTATIVE PROVIDED THAT THE USE OF SUCH TOOLS PROVES TO HAVE NO NEGATIVE EFFECT ON THE TEST PANELS. MORTAR SHALL BE REMOVED CLEANLY FROM THE MASONRY, LEAVING SQUARE CORNERS AT THE BACK OF THE CUT. THE JOINTS SHALL BE RINSED WITH A JET OF WATER TO REMOVE ALL LOOSE PARTICLES AND DUST.

FILLING THE JOINT
AT THE TIME OF FILLING, THE JOINTS SHOULD BE DAMP (NOT WET). A CONTINUAL MIST OF WATER MAY BE REQUIRED FOR SOME ABSORBENT STONE AREAS. FILL THE VOIDS AND JOINTS WITH MORTAR IN LAYERS OF 1/4 INCH. NEW LAYERS MAY BE APPLIED ONCE THE VOID REACHES THUMBPRINT HARDNESS. FILL THE JOINT UNTIL IT IS JUST SHY OF FLUSH WITH THE OUTER SURFACE OF THE STONE. FINAL TOOLING AND POINTING, IF ANY, SHALL BE AT THE DIRECTION OF THE OWNER REPRESENTATIVE.

CURING
THE RE-POINTED AREAS SHALL BE MISTED USING A HAND SPRAYER AFTER THE MORTAR REACHES THUMBPRINT HARDNESS. THE MISTING SHALL BE DONE EVERY ONE TO THREE HOURS DURING THE FIRST 48 HOURS AFTER THE RE-POINTING. COVER THE WALL WITH BURLAP FOR THREE DAYS.

SUBMITTALS
THE CONTRACTOR SHALL PROVIDE SUBMITTAL OF THE MIX DESIGN FOR EACH MORTAR TO BE USED. THE SUBMITTAL SHALL INCLUDE INFORMATION ON THE ORIGIN OF MATERIALS, AND CONFIRM THAT MATERIALS MEET THE SPECIFICATION.

THE CONTRACTOR SHALL HAVE FIVE YEARS EXPERIENCE WITH RE-POINTING HISTORIC MASONRY BUILDINGS.

VISUAL TEST PANELS:
MULTIPLE TEST PANELS SHALL BE PROVIDED TO ENSURE THAT THE MORTAR COLOR AND TEXTURE MEETS THE OWNERS REQUIREMENTS. THE TEST PANELS SHALL BE 5 FEET SQUARE. THE NUMBER AND LOCATION OF THE PANELS SHALL BE DIRECTED BY THE OWNER REPRESENTATIVE.

STRUCTURAL TEST PANEL
TWO 3 FOOT SQUARE STRUCTURAL TEST PANELS SHALL BE CONSTRUCTED TO TEST THE COMPRESSIVE STRENGTH OF THE ASSEMBLY, AS WELL AS THE ANCHORAGE SYSTEM. A COMPRESSIVE STRENGTH TEST SHALL BE DONE, AT THE CONTRACTOR'S EXPENSE AFTER 28 DAYS.

FINAL

BES DESIGN/BUILD
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Drawing Scale: AS NOTED
Drawing Start Date: 03/01/2012
Drawing Finish Date: 10/15/2012
Drawing Approved: JOE BANACH

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Approved: Director, Medical Center:

Drawing Title: STRUCTURAL NOTES
Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER
Building No: 504
Checked: AR
Drawn: AR
Location: PERRY POINT MARYLAND
Date: 10/15/2012
Project No: 512A5-10-335
DRAWING NO: 504-SS1.01
Dwg. 1 Of 10

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GRIST SJWG

STRUCTURAL STEEL

ALL DESIGN, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC STEEL CONSTRUCTION MANUAL, 13TH EDITION, AND AMERICAN IRON AND STEEL SPECIFICATION MANUAL (LATEST EDITION). THE DESIGN AND ERECTION OF LIGHT GAGE STEEL STRUCTURAL MEMBERS SHALL CONFORM TO AISI (LATEST EDITION). WELDING SHALL CONFORM TO THE LATEST AWS AND AISC SPECIFICATIONS.

WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE BEST PRACTICE AND WITHIN THE TOLERANCES SPECIFIED IN THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL.

IT IS SPECIFICALLY NOTED THAT BURNED HOLES ARE NOT ACCEPTABLE UNLESS SPECIAL PERMISSION IS GIVEN BY ENGINEER.

ALL SHOP FABRICATED WORK SHALL BE DONE IN A SHOP APPROVED BY THE GOVERNING AGENCY. FABRICATOR SHALL SUBMIT PROGRAM OF WELDING INSPECTION TO ENGINEER FOR APPROVAL.

ALL STRUCTURAL STEEL SHALL BE AS FOLLOWS UNO:

ALL WF, WT SHAPES	A992 GRADE 50
CONNECTION PL & MISC STEEL (UNO)	ASTM. A36
GUSSET & COLLECTOR PLATES.....	ASTM. A572 GRADE 50
PIPE COLUMNS (TYPE S, SEAMLESS).	ASTM. A53 GRADE B
STRUCTURAL TUBING.....	ASTM. A500 GRADE B
ANGLE, CHANNELS.....	ASTM. A36
THREADED ROD.....	ASTM. A36
HEADED SHEAR STUDS.....	ASTM. A108 , GRADES 1015 TO 1020 TYPE 316, 50 ksi
ELECTRODES.....	a) E70XX FOR A36 STEEL AND SMAW PROCESS OR EQUIVALENT. b) FOR OTHER STEEL GRADES USE MATCHING WELD METAL AND PROCESSES.

ALL HIGH STRENGTH BOLTS SHALL BE ASTM A325-N TYPE UNLESS OTHERWISE NOTED.

ALL BOLTS USED FOR ERECTION SHALL BE ASTM A325 TYPE WITH THREADS EXCLUDED FROM SHEAR PLANES.

ALL PLAIN ANCHORS SHALL BE A36; ALL ANCHOR BOLTS SHALL COMPLY WITH ASTM F1554. 3" MINIMUM CONCRETE COVER WILL BE PLACED AROUND ALL ANCHOR BOLTS EXPOSED TO THE WEATHER, U.N.O.

WELDING MATERIALS: PROVIDE TYPE REQUIRED FOR MATERIALS BEING WELDED, PER AWS D1.1.

PROVIDE CONTINUOUS INSPECTION FOR ALL FABRICATION AND WELDING OF STRUCTURAL STEEL IN ACCORDANCE WITH CODE REQUIREMENTS. ALL COMPLETE PENETRATION GROOVE WELDS IN JOINTS AND SPLICES SHALL BE TESTED 100 PERCENT IN ACCORDANCE WITH IBC . USE ONE OF THE APPROVED METHODS OF TIGHTENING HIGH STRENGTH BOLTS.

A WELDING SEQUENCE SHALL BE PLANNED TO MINIMIZE RESIDUAL STRESSES AND DISTORTIONS OF INDIVIDUAL MEMBERS AND THE BUILDING FRAME. ALL DETAILING, FABRICATION, AND ERECTION SHALL COMPLY WITH AISC, LATEST EDITION.

UNLESS OTHERWISE NOTED, ALL STIFFENER PLATES ARE 3/8" THICK MINIMUM AND ALL BUTT WELDS ARE FULL PENETRATION WELDS. ERECTION CLIPS, TEMPORARY BRACING, ETC., REQUIRED BY THE CONTRACTOR ARE NOT SHOWN.

SUBMIT SHOP DRAWINGS FOR THE FABRICATION AND ERECTION OF ALL ASSEMBLIES OF STRUCTURAL STEEL WORK. INCLUDE PLANS AND ELEVATIONS AT NOT LESS THAN ¼" TO 1'-0" SCALE, AND INCLUDE DETAILS OF SECTIONS AT NOT LESS THAN 1" TO 1'-0" SCALE.

NO FINISH FABRICATION SHALL BE COMMENCED OR MATERIAL DELIVERED TO THE JOB UNTIL THE ENGINEER HAS REVIEWED AND APPROVED THE SHOP DRAWINGS.

ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT OF ZINC CHROMATE PRIMER OR EQUAL. AFTER ERECTION, FIELD CONNECTIONS SHALL BE TOUCHED UP. DO NOT PAINT PORTION OF STEEL TO BE EMBEDDED IN CONCRETE, HEADED ANCHOR STUDS, FAYING SURFACES OR AREAS TO RECEIVE FIRE PROOFING. EXTERIOR, EXPOSED STEEL MEMBERS ARE SPECIFIED TO BE HOT-DIPPED GALVANIZED OR STAINLESS AS NOTED.

WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIZE WELDS AS SPECIFIED IN AISC MANUAL OF STEEL CONSTRUCTION LATEST EDITION. THIS INCLUDES OPEN WEB JOIST CONNECTIONS.

THE USE OF E70T-4 WELDING WIRE IS NOT ALLOWED FOR ANY APPLICATION.

WRITTEN WELDING PROCEDURE SPECIFICATIONS (WPS) PER THE RECOMMENDATIONS OF THE AMERICAN WELDING SOCIETY (AWS) SHALL BE DEVELOPED BY THE FABRICATOR/ERECTOR AND SUBMITTED FOR REVIEW BY THE ENGINEER PRIOR TO ANY WELDING OF THE STRUCTURAL STEEL. THE WELDING PROCEDURES SHALL INCLUDE ALL THE WELDED JOINTS AND CONFIGURATIONS TO BE USED ON THIS PROJECT-ONLY WPS WHICH ARE RELEVANT TO THIS PROJECT SHALL BE SUBMITTED. ALL WELDED JOINTS SHALL BE PRE-QUALIFIED PER AWS OR BE QUALIFIED BY TEST PER AWS. A PROCEDURE QUALIFICATION RECORD (PQR) SHALL BE INCLUDED WITH THE WPS IF THE WELDING PROCEDURE OR JOINT IS QUALIFIED BY TESTING. THE ELECTRODE MANUFACTURER AND PRODUCT/TRADE NAME SHALL BE IDENTIFIED IN THE WPS IN ADDITION TO THE AWS ELECTRODE CLASSIFICATION NAME. A COPY OF THE ELECTRODE MANUFACTURER'S TECHNICAL DATA SHEETS WITH THE RECOMMENDED WELDING PARAMETERS SHALL BE SUBMITTED WITH THE WPS.

STRUCTURAL STEEL, CONT'D

DO NOT WELD ANY STRUCTURAL STEEL MEMBER OR CONNECTION UNLESS EXPLICITLY CALLED OUT IN THE CONTRACT DOCUMENTS.

WELD SYMBOLS SHOW FINAL WELD REQUIRED. THE CHOICE TO WELD IN THE FIELD OR IN THE SHOP SHALL BE UP TO THE CONTRACTOR AND SHALL BE INDICATED IN THE FABRICATOR'S SHOP DRAWINGS.

ALL STRUCTURAL STEEL SHALL BE PROPERLY GUYED AND BRACED UNTIL FLOOR AND ROOF FRAMING SYSTEM AND LATERAL LOAD RESISTING SYSTEM IS IN PLACE.

THIS STRUCTURE IS CONSIDERED A NON-SELF-SUPPORTING STEEL FRAME. THE CONTRACTOR SHALL PROVIDE ADEQUATE TEMPORARY SUPPORTS UNTIL ALL PERMANENT SHEAR WALLS, MOMENT FRAMES, BRACED FRAMES, AND FLOOR SLABS ARE IN PLACE.

MAXIMUM LIVE LOAD DEFLECTIONS ARE LIMITED TO THE BEAM SPAN (IN INCHES) DIVIDED BY 420. TOTAL BEAM DEFLECTION IS LIMITED TO THE BEAM SPAN (IN INCHES) DIVIDED BY 360.

DETAIL STEEL BEAM CONNECTIONS AS SIMPLE SPAN BEAMS, UNLESS OTHERWISE NOTED.

ALL BEAM CONNECTIONS SHALL BE DETAILED TO PROVIDE A SHEAR CONNECTION WITH A MINIMUM DESIGN CAPACITY AS THAT SHOWN IN THE DRAWINGS BEAM SHEAR TAB CONNECTION TABLE FOR THE CORRESPONDING BEAM SIZE.

ALL CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE DESIGNED AS AISC TYPE 2 BOLTED CONNECTIONS DESIGNED FOR FULL LOAD CAPACITY OF THE CONNECTING MEMBERS.

ALL BOLTS IN MOMENT CONNECTIONS SHALL BE BEARING TYPE CONNECTIONS.

ALL WELDS SHALL BE MADE BY WELDERS CERTIFIED ACCORDING TO AWS PROCEDURES.

LUMBER & FRAMING REQUIREMENTS

ALL STRUCTURAL LUMBER DESIGN SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL DESIGNS SPECIFICATION FOR WOOD CONSTRUCTION (NDS-2001)

CARE SHALL BE TAKEN TO SLOWLY DRY THE AGED LUMBER SO THAT CRACKING IS MINIMIZED.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ADEQUATE TEMPORARY LATERAL BRACING.

ALL WOOD FRAMING MATERIAL SHALL BE SURFACED DRY AND USED AT 19% MAXIMUM MOISTURE CONTENT. ALLOWABLE STRESS REQUIREMENTS OF ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE "SCHEDULE OF REQUIRED STRESS VALUES".

ALL STUD AND WALL FRAMING SHALL BE NO. 2 GRADE SOUTHERN YELLOW PINE (SYP). "STUD" GRADE MATERIAL IS STRICTLY PROHIBITED FROM USE.

ALL JOIST RAFTER & MISC FRAMING SHALL BE NO 2 GRADE. SOUTHERN YELLOW PINE. PROVIDE FULL-DEPTH BLOCKING AT ENDS. PROVIDE FULL-DEPTH (OR METAL) BRIDGING AT MID SPAN AND AT A MAXIMUM SPACING OF 8-0" O/C IN BETWEEN.

ALL LUMBER EXPOSED TO EXTERIOR ENVIRONMENT OR IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.25 LBS OF ACQ PER CUBIC FOOT OF WOOD AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALIFY MARK "ABOVE GRADE USE". ALL LUMBER IN CONTACT WITH THE GROUND SHALL BE PRESSURE TREATED TO A MINIMUM RETENTION OF 0.47 LBS OF ACQ PER CUBIC FOOT OF WOOD AND EACH PIECE SHALL BEAR THE THIRD PARTY QUALITY MARK "GROUND CONTACT USE". REFERENCE STANDARD AWPA C2 AND ASTM D176D FOR PRESSURE TREATMENT OF TIMBER PRODUCTS.

WHERE POSSIBLE ALL CUTS AND HOLES SHOULD BE COMPLETED BEFORE TREATMENT. CUTS AND HOLES DUE TO ON-SITE FABRICATION SHALL BE BRUSHED WITH 2 COATS OF COPPER NAPHTHENATE SOLUTION CONTAINING A MINIMUM OF2% METALLIC COPPER IN SOLUTION (PER AWPS STD. M4)

THE CONTRACTOR SHALL CAREFULLY SELECT LUMBER TO BE USED IN LOAD BEARING APPLICATIONS. THE LENGTH OF SPLIT ON THE WIDE FACE OF 3" AND THICKER LUMBER SHALL BE LIMITED TO 1/2 OF THE NARROW FACE DIMENSIONS.

PROVIDE DOUBLE JOISTS UNDER ALL PARTITIONS WHICH RUN PARALLEL WITH JOISTS AND UNDER ALL CONCENTRATED LOADS FROM FRAMING ABOVE.

PROVIDE DOUBLE HEADER BEAMS OF THE SAME SIZE AS JOISTS OR RAFTERS TO FRAME AROUND OPENINGS IN PLYWOOD DECK UNLESS OTHERWISE INDICATED.

STRUCTURAL STEEL PLATE CONNECTORS SHALL CONFORM TO ASTM A 36 SPECIFICATIONS AND BE 1/4" THICK UNLESS OTHERWISE INDICATED. BOLTS CONNECTING WOOD MEMBERS SHALL BE PER ASTM A307 AND BE 3/4" DIAMETER UNLESS OTHERWISE INDICATED. PROVIDE WASHERS FOR ALL BOLT HEADS AND NUTS IN CONTACT WITH WOOD SURFACES.

BOLT HOLES SHALL BE CAREFULLY CENTERED AND DRILLED NOT MORE THAN 1/16" LARGER THAN THE BOLT DIAMETER. BOLTED CONNECTIONS SHALL BE SNUGGED TIGHT BUT NOT TO THE EXTENT OF CRUSHING WOOD UNDER WASHERS.

HOLES AND NOTCHES DRILLED OR CUT INTO WOOD FRAMING SHALL NOT EXCEED THE REQUIREMENTS OF IBC. SECTION 23.

ALL PLATES ANCHORS, NAILS BOLTS, NUTS WASHERS AND OTHER MISCELLANEOUS HARDWARE SHALL BE HOT DIP GALVANIZED.

ADEQUATE BRACING SHALL BE PROVIDED UNTIL PERMANENT BRACING AND/OR DIAPHRAGMS ARE INSTALLED. OVERLAP ALL TOP PLATES AT CORNERS.

JOINTS IN THE DOUBLE TOP PLATES OF THE WALL SHALL BE OFFSET A MINIMUM LAP LENGTH OF 4'-0" & NAILED WITH NOT LESS THAN (15) 16D FACE NAILS ON EACH SIDE OF THE JOINT.

ALL BEAMS SHALL HAVE LATERAL SUPPORT AT THE COMPRESSION EDGE AT A MAXIMUM OF 24" O.C. AND AT BEARING POINTS, WITH A MINIMUM BEARING LENGTH OF 3 1/2".

ALL NAILING NOT OTHERWISE INDICATED SHALL BE IN ACCORDANCE WITH THE "NAILING SCHEDULE" PER THE IBC TABLE 2308.1. ALL NAILS SHALL BE COMMON NAILS UNLESS NOTED OTHERWISE. NAILS SHALL NOT BE OVERDRIVEN.

EDGE DISTANCES, END DISTANCES AND SPACING FOR NAILS SHALL BE SUFFICIENT TO PREVENT SPLITTING OF THE WOOD.

WOOD CONNECTOR NOTES:

CONNECTORS FOR WOOD CONSTRUCTION SHALL BE SIMPSON STRONG-TIE CONNECTORS OR ENGINEER APPROVED SUBSTITUTE. SECURED IN ACCORDANCE WITH THE MANUFACTURERS LITERATURE AND SPECIFICATIONS FOR THE INTENDED USE.

CONNECTORS EXPOSED TO WEATHER, HIGH HUMIDITY OR IN CONTACT WITH THE GROUND SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153.

CONNECTORS USED IN PRESSURE-TREATED WOOD SHALL BE TRIPLE-DIPPED GALVANIZED (ASTM G 185) OR TYPE 318 STAINLESS STEEL TO MINIMIZE CORROSION POTENTIAL.

ALL NAILS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.

THE USE OF DISSIMILAR METALS IN CONNECTIONS IS NOT PERMITTED FOR EXAMPLE WHERE A GALVANIZED CONNECTOR IS USED, ALSO USE A GALVANIZED NAIL.

FLOOR SHEATHING

THE FLOORS SHALL BE SHEATHED WITH 3/4" THICK (MINIMUM) APA-RATED PLYWOOD FOR 24" SPANS, WITH #7x4" LONG STAINLESS STEEL SCREWS FASTENED TO THE JOISTS BELOW AT 6" ON CENTER AT ALL PANEL EDGES AND BOUNDARIES, AND 12" ON CENTER IN THE FIELD.

FINAL

BES DESIGN/BUILD
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Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: STRUCTURAL NOTES

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504 | Checked: AR | Drawn: AR

Location: PERRY POINT MARYLAND

Date: 10/15/2012

Project No: 512A5-10-335

DRAWING NO: 504-SS1.02

Dwg. 2 Of 10

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GMS1 SJWG

SECOND FLOOR JOIST SCHEDULE

MARK	JOIST SIZE	REMARK	ZONE
2J1 TO 2J18	3" WIDE x 9" DEEP	JOIST 2J2 IS COMPROMISED AND SHALL BE REPLACED	JOIST ZONE 'A'
2J19 TO 2J35	3" WIDE x 9" DEEP	JOIST 2J30 IS COMPROMISED AND SHALL BE REPLACED. JOISTS 2J20 IS A 'NEW/ MODERN' 2X10. JOIST 2J29 IS A 2 1/2" WIDE JOIST	JOIST ZONE 'B
2J36 TO 2J41	3" WIDE x 9" DEEP	THESE JOISTS ARE TO BE REMOVED AND REUSED.	JOIST ZONE 'C'
2J42 TO 2J52	3" WIDE x 9" DEEP	JOIST 2J43 IS SPLICED WITH A 2X10.	JOIST ZONE 'C'

NOTE:
ALL JOISTS ARE ACTUAL MEASURED DIMENSIONS.

ATTIC JOIST SCHEDULE

MARK	JOIST SIZE	REMARK
3J1	2 1/2" WIDE x 9-1/4" DEEP	
3J2	NEW 2-1/2" x 9 1/4" DEEP JOIST	REUSE REMOVED LUMBER WHERE POSSIBLE. IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.

KEYED NOTES: STRUCTURAL DEMOLITION
1. REMOVE EXISTING CMU COLUMN
2. REMOVE EXISTING WOOD 10x10 COLUMN
3. REMOVE EXISTING COLUMNS, PLATES, GIRDERS, BEAMS OF THE HURST FRAME IN SHADED AREA. MATERIALS SHALL BE PRESERVED.
4. REMOVE EXISTING CONCRETE FLOOR.
5. NOT USED
6. NOT USED
7. REMOVE GRADE TO DESIRED ELEVATION FOR NEW SLAB
8. REMOVE GRADE TO DESIRED ELEVATION FOR NEW SLAB
9. REMOVE EXISTING GIRDERS OF VARIOUS SIZES
10. REMOVE DAMAGED DOOR AND WINDOW HEADERS.
11. REMOVE EXISTING 6x6 WOOD POST.
12. EXISTING GIRDER TO REMAIN AND BE REUSED. THE END OF THE BEAM SHALL BE EXPOSED AND TESTED FOR DECAY AND INFESTATION.
13. EXISTING 10x10 COLUMNS TO BE PROTECTED AND REUSED. SECOND FLOOR COLUMNS SHALL BE ALIGNED TO THE GRID. FIRST FLOOR COLUMNS ARE TOO SHORT, AND HAVE SHIMS TO ADJUST HEIGHT.
14. DECKING AND FLOOR JOISTS IN THE SHADED AREA TO BE REMOVED FOR FLOOR OPENING. PROTECT AND REUSE ALL MATERIALS.
15. COMPROMISED JOIST. REMOVE AND REPLACE WITH NEW JOIST.
16. REMOVE PROTRUDING SPIKES AND NAILS FROM GIRDERS AND JOISTS.

STRUCTURAL DEMOLITION NOTES

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN OSHA AND SAFETY REGULATIONS DURING ALL WORK.

UTILITIES ARE NOT LIKELY SHOWN ON THE STRUCTURAL PLAN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND PROVIDE UTILITIES FOR OTHER DISCIPLINES, INCLUDING ALL APPURTENANT ITEMS.

THE STRUCTURAL INTEGRITY OF THIS DESIGN IS BASED UPON THE COMPLETED CONDITION OF CONSTRUCTION. TEMPORARY BRACING, SHORING, OR SUPPORTING OF THE STRUCTURE WHICH ARE REQUIRED TO MAINTAIN STABILITY PRIOR TO COMPLETION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

CONTRACTOR SHALL COORDINATE AND VERIFY THE LOCATION AND REQUIREMENT OF ANY EMBEDS, RECESSES, PITS, OR OPENINGS REQUIRED BY OTHER TRADES FROM THEIR RESPECTIVE DRAWINGS.

COORDINATE ALL FLOOR DEPRESSIONS REQUIRED FOR THIS PROJECT WITH THE ARCHITECT.

COORDINATE AND CONFIRM ALL ELEVATIONS, INCLUDING TOP OF STEEL, TOP OF SLAB, AND TOP OF WALL WITH THE ARCHITECTURAL DRAWINGS.

PROTECTION OF ANY ADJACENT STRUCTURE FROM THE EFFECTS OF CONSTRUCTION OF THIS BUILDING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHILE THE PROJECT IS UNDERWAY.

CONTRACTOR SHOP DRAWINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL REVIEW AND STAMP THE SAID DRAWINGS 'APPROVED' BEFORE SUBMITTING TO THE ENGINEER FOR REVIEW.

ANY DISCREPANCIES, INTERFERENCES, OR CONFLICTS THAT ARE FOUND AS A RESULT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

ALL WORK SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF VETERAN'S AFFAIRS, AND THE INTERNATIONAL BUILDING CODE.

THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK, AND SHALL NOTIFY THE VA IMMEDIATELY OF ANY DISCREPANCIES.

REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL WALL AND DOOR OPENINGS, LOCATIONS OF PARTITION WALLS, AND OTHER ARCHITECTURAL FEATURES.

REFER TO THE MECHANICAL AND ELECTRICAL DRAWINGS FOR THE SIZE AND LOCATION OF ALL OPENINGS FOR DUCTS, PIPING, AND CONDUITS.

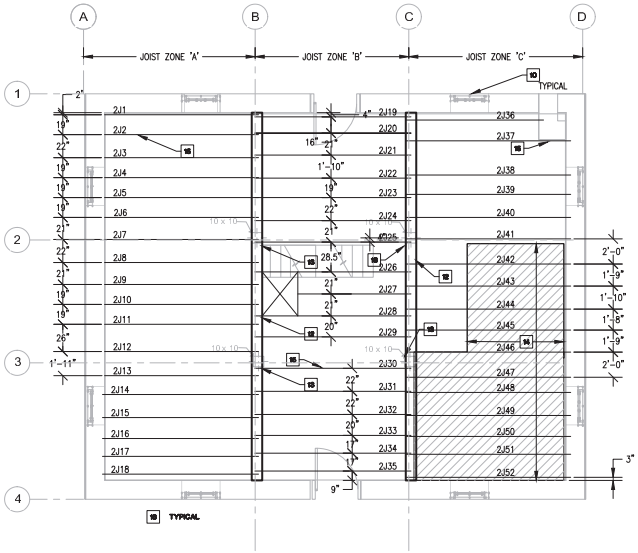
MONITOR THE BUILDING DURING CONSTRUCTION, INCLUDING THE EXTERIOR WALLS, FOR CHANGES IN ALIGNMENT DUE TO THE WORK.

REFER TO THE ARCHITECTS DRAWINGS FOR TIMBERS, WINDOW AND DOOR HEADERS TO BE REPLACED.

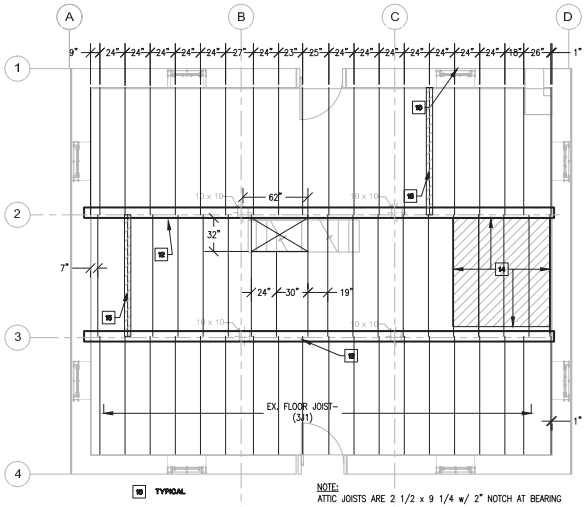
REFER TO THE ARCHITECT NOTES FOR MARYLAND HISTORIC TRUST REFERENCES.

REFER TO THE ARCHITECTS DRAWINGS FOR PRESERVATION OF REMOVED AND STORED MATERIALS.

APPROVED SHORING AND BRACING PLAN SHALL BE APPROVED BY ALL TRADED.



C SECOND FLOOR DEMOLITION PLAN
1/4" = 1'-0"

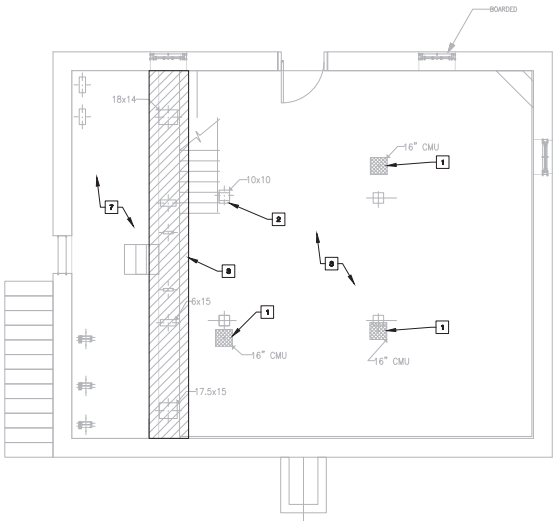


D ATTIC DEMOLITION PLAN
1/4" = 1'-0"

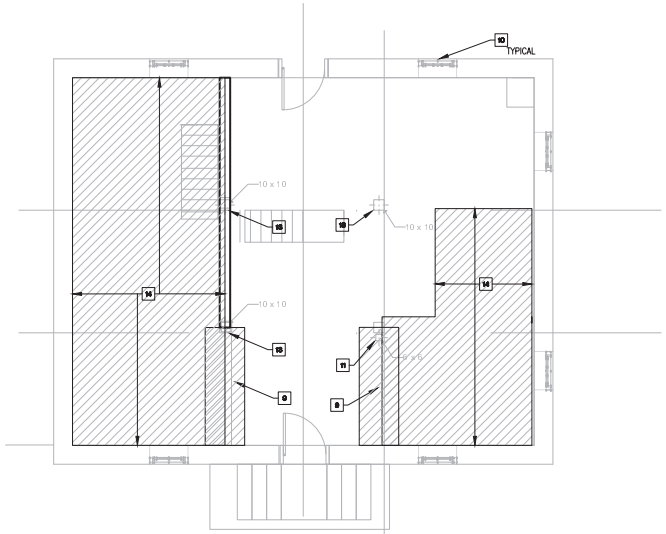
NOTE:
ATTIC JOISTS ARE 2 1/2 x 9 1/4 w/ 2" NOTCH AT BEARING

GIRDER IS 9X14 WITH 5'-11 FLOOR TO BOTTOM HEIGHT

PROTRUDING SPIKES AND NAILS IN THE GIRDERS AND JOISTS SHALL BE REMOVED.



A BASEMENT DEMOLITION PLAN
1/4" = 1'-0"



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

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale: AS NOTED	Approved: Chief, Facilities and Engineering:	Drawing Title: DEMOLITION PLANS	Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER
Drawing Start Date: 03/01/2012	Approved: Associate Chief for Maintenance And Operations, Perry Point:		Date: 10/15/2012
Drawing Finish Date: 10/15/2012		Approved: Associate Director for Operations:	Project No: 512A5-10-335
Drawing Approved: JOE BANACH		Approved: Director, Medical Center:	Building No: 504 / Checked: AR / Drawn: AR
			Location: PERRY POINT MARYLAND

DRAWING NO: 504-SD1.01
Dwg. 3 of 10

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GRIST.DWG

FOOTING SCHEDULE

MARK	DIMENSIONS	REINFORCEMENT	TOP OF FOOTING
FT1	3'-0" x 3'-0" SQUARE FOOTING x 15" THICK	#5 BOTTOM BARS @ 12" O.C. EACH WAY	– 10' 0–1/2" (TOP OF SLAB ELEVATION LESS 8")
FT2	12" SQUARE FOOTING AT ELEVATOR PIT FOUNDATION , EXTENDING 1'–0" BEYOND PIT WALL	#5 BOTTOM BARS @ 12" O.C. EACH WAY	–14'–4" (TOP OF PIT SLAB)
WF1	PROVIDE STABILIZATION MEASURES TO FOUNDATION WALL TO PROVIDE 9,000 POUNDS PER LINEAR FOOT & BRACE WALL FROM LATERAL EARTH PRESSURE.		
WF2	24" WIDE x 12" THICK	(2) #5 BARS CONTINUOUS & #5 BARS @ 32" O.C., TRANSVERSE	
WF3	12" WIDE x 12" THICK TURNDOWN FOOTING	(2) #5 BARS CONTINUOUS	VARIES (TOP OF SLAB ELEVATION)

FOOTINGS SIZES ARE BASED ON AN ALLOWABLE SOIL BEARING CAPACITY OF 3,000 PSF. CONFIRM PRIOR TO INSTALLATION.

VERIFY ALL TOP OF FOOTING ELEVATIONS WITH ARCHITECT.

WALL SCHEDULE

MARK	REMARKS
W1	EXISTING RUBBLE STONE MASONRY WALL. STRIP MORTAR, & REPOINT TO SPECIFICATION.
W2	8" CONCRETE WALL w/ #5 BARS AT 16" O.C. EACH WAY AT MID DEPTH OF WALL. PROVIDE (2) #5 BARS AT TOP COURSE & ADDITIONAL BAS WHERE SHOWN ON THE PLAN.

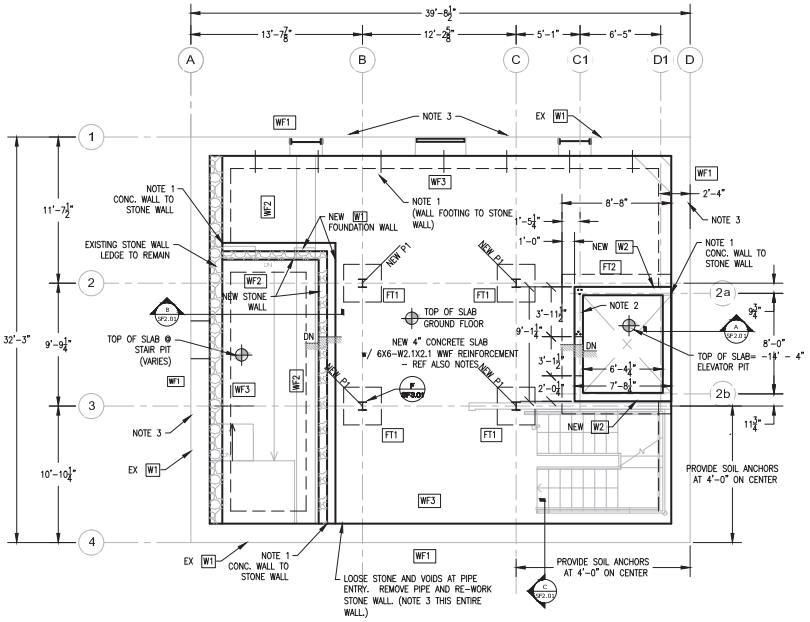
COLUMN SCHEDULE

MARK	REMARKS
P1	NEW W8x31 STEEL COLUMN.

NOTE 1:
DOWEL INTO STONE WALL WITH 3/8"x 22" REBAR AT 5'–0" ON CENTER. EMBED WITH HILTI HY20 ADHESIVE W/ 7" EMBED PER MANUFACTURER. IF VOIDS ARE ENCOUNTERED IN STONE, USE A SCREEN TUBE.

NOTE 2:
STRUCTURAL SHEARWALL AT THIS LOCATION; ADD (3) #5 VERT BARS AT CORNER AND THE JAMB.

NOTE 3:
LARGE VOIDS AND LOOSE STONE THIS AREA. REMOVE REWORK STONE TO ELIMINATE VOIDS.



(A) FOUNDATION PLAN
1/4" = 1'-0"

BEAM SCHEDULE

MARK	BEAM	REMARK
1B1	NEW 9"X14" BEAM.	LUMBER SHALL BE ROUGH SAWN, CYPRESS NO. 1, WITH CHAMFERS TO MATCH BEAM 1B3. EXISTING BEAM 1B1 IS (3) 2X12 (NOMINAL) AD ARE TOO SHORT TO BEAR IN WALL.
1B2	W8X21 STEEL BEAM	TOP OF STEEL: 0'–0" AT FIRST FLOOR 8'–1" AT SECOND FLOOR 15'11" AT CEILING LEVEL
1B3	EX 9"X14" BEAM.	BEAM TO REMAIN. CUT AS NEEDED TO BEAR ON COLUMN.
1B4	NEW 9"X14" BEAM.	LUMBER SHALL BE ROUGH SAWN, CYPRESS NO. 1, WITH CHAMFERS TO MATCH BEAM 1B3. EXISTING BEAM 1B3 IS (3) 2X12 (NOMINAL) AND NOT SUFFICIENT TO MEET NEW LOADS.
1B5	EX. (3) 2x12 NOMINAL BEAM	BEAM TO REMAIN

NOTE:
ALL BEAMS AND JOISTS BEARING IN WALL POCKETS SHALL BE EXPOSED AND TESTED FOR DECAY AND INFESTATION. COMPROMISED JOISTS SHALL BE REPAIRED OR REPLACED.

ALL BEAM BEARING PLATES SHALL BE REMOVED AND REPLACED WITH A 3x9 #1 CYPRESS PLATE, WITH A BITUTHANE MOISTURE BARRIER ON THREE SIDES.

IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.

WALL SCHEDULE

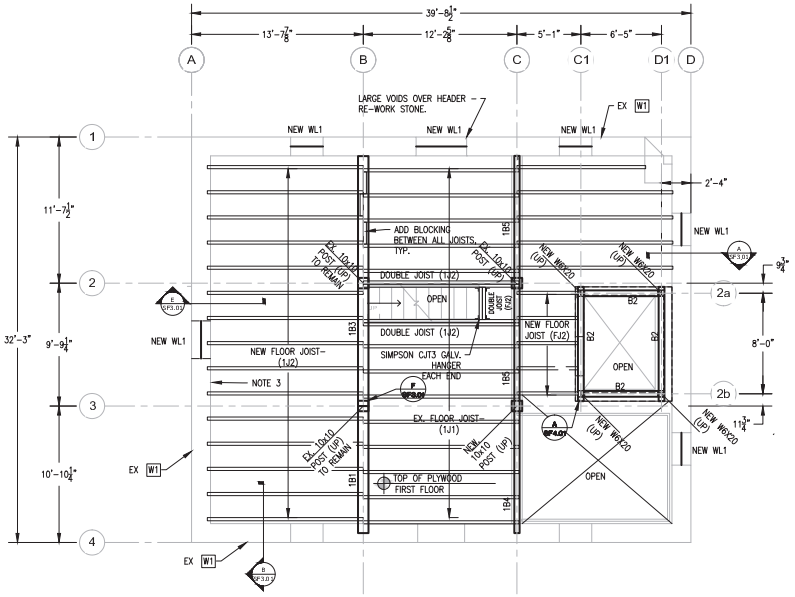
MARK	REMARKS
W1	EXISTING RUBBLE STONE MASONRY WALL. STRIP MORTAR, & REPOINT TO SPECIFICATION.

JOIST SCHEDULE

MARK	BEAM	REMARK
1J1	EXISTING 2X10 (NOMINAL) JOISTS	JOISTS BEARING IN WALL POCKETS SHALL BE EXPOSED AND TESTED FOR DECAY AND INFESTATION. COMPROMISED JOISTS SHALL BE REPAIRED OR REPLACED.
1J2	NEW 3X8 JOISTS	REUSE REMOVED LUMBER WHERE POSSIBLE. IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.

LINTEL SCHEDULE

MARK	BEAM	REMARK
WL1	3"x12" WOOD LINTEL BUILT INTO WINDOW FRAME	USE A ROUGH SAWN, CYPRESS #1 LUMBER.
WL2	3"x12" WOOD LINTEL ABOVE WINDOW FRAME	ALL LINTELS ABOVE WINDOWS SHALL BE REPLACED. USE A ROUGH SAWN, CYPRESS #1 LUMBER.



(B) FIRST FLOOR FRAMING PLAN
1/4" = 1'-0"

FINAL

BES DESIGN/BUILD, 1612 K Street, NW, Suite 900, Washington, DC 20006, Phone: 202-223-1234, Fax: 202-223-1212	Drawing Scale: AS NOTED	Approved: Chief, Facilities and Engineering:	Drawing Title: FOUNDATION PLAN, FIRST FLOOR FRAMING PLAN
	Drawing Start Date: 03/01/2012	Approved: Associate Chief for Maintenance And Operations, Perry Point:	Project Title: RENOVATION MANSION HOUSE AND GRIST MILL, VA MEDICAL CENTER
	Drawing Finish Date: 10/15/2012		Date: 10/15/2012
	Drawing Approved: JOE BANACH	Approved: Associate Director for Operations:	Project No: 512A5-10-335
		Approved: Director, Medical Center:	Building No: 504 / Checked: AR / Drawn: AR
			Location: PERRY POINT, MARYLAND

DRAWING NO: 504-SF1.01
Dwg. 4 Of 10

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GRIST.DWG

BEAM SCHEDULE

MARK	BEAM	REMARK
2B1	EX. 9"X14" WOOD BEAM	BEAM TO REMAIN. SEE NOTE.
B2	W8X21 STEEL BEAM	0'-0" AT FIRST FLOOR 8'-1" AT SECOND FLOOR 15'11" AT CEILING LEVEL

LINTEL SCHEDULE

MARK	BEAM	REMARK
WL1	3"x12" WOOD LINTEL BUILT INTO WINDOW FRAME	USE A ROUGH SAWN, CYPRESS #1 LUMBER.
WL2	3"x12" WOOD LINTEL ABOVE WINDOW FRAME	ALL LINTELS ABOVE WINDOWS SHALL BE REPLACED. USE A ROUGH SAWN, CYPRESS #1 LUMBER.

NOTE:
ALL BEAMS AND JOISTS BEARING IN WALL POCKETS SHALL BE EXPOSED AND TESTED FOR DECAY AND INFESTATION. COMPROMISED JOISTS SHALL BE REPAIRED OR REPLACED.

ALL BEAM BEARING PLATES SHALL BE REMOVED AND REPLACED WITH A 3x9 #1 CYPRESS PLATE, WITH A BITUTHANE MOISTURE BARRIER ON THREE SIDES.

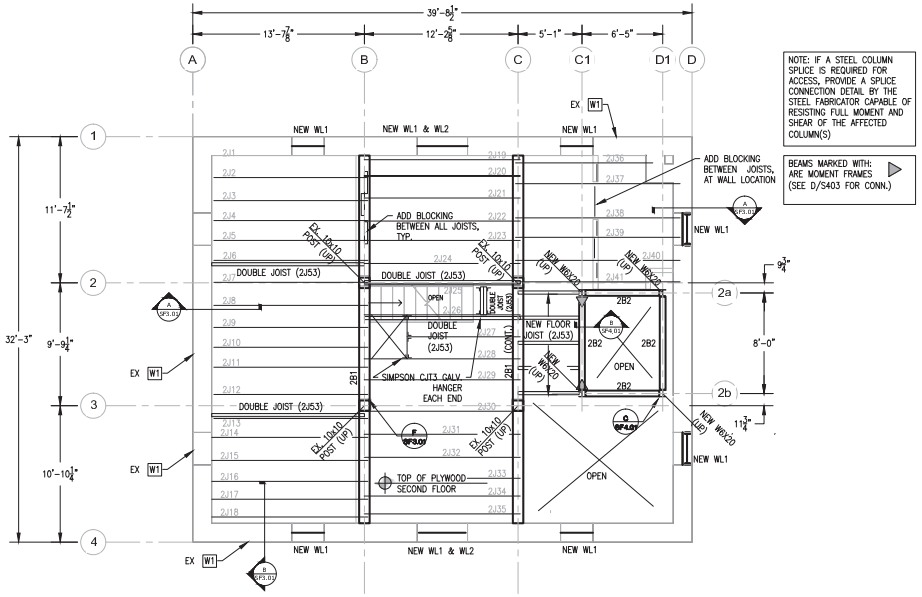
IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.

WALL SCHEDULE

MARK	REMARKS
W1	EXISTING RUBBLE STONE MASONRY WALL. STRIP MORTAR, & REPOINT TO SPECIFICATION.

SECOND FLOOR JOIST SCHEDULE

MARK	JOIST SIZE	REMARK	ZONE
2J1 TO 2J18	3" WIDE x 9" DEEP	JOIST 2J2 IS COMPROMISED AND SHALL BE REPLACED	JOIST ZONE 'A'
2J19 TO 2J35	3" WIDE x 9" DEEP	JOIST 2J30 IS COMPROMISED AND SHALL BE REPLACED. JOISTS 2J20 IS A 'NEW/ MODERN' 2X10. JOIST 2J29 IS A 2 1/2" WIDE JOIST	JOIST ZONE 'B'
2J36 TO 2J41	3" WIDE x 9" DEEP	THESE JOISTS ARE TO BE REMOVED AND REUSED.	JOIST ZONE 'C'
2J42 TO 2J52	3" WIDE x 9" DEEP	JOIST 2J43 IS SPLICED WITH A 2X10.	JOIST ZONE 'C'
2J53	NEW 3X8 JOISTS	REUSE REMOVED LUMBER WHERE POSSIBLE. IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.	



NOTE: IF A STEEL COLUMN SPLICE IS REQUIRED FOR ACCESS, PROVIDE A SPLICE CONNECTION DETAIL BY THE STEEL FABRICATOR CAPABLE OF RESISTING FULL MOMENT AND SHEAR OF THE AFFECTED COLUMN(S)

BEAMS MARKED WITH: ▷ ARE MOMENT FRAMES (SEE D/S403 FOR CONN.)

(A) SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: SECOND FLOOR FRAMING

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Date: 10/15/2012

Project No: 512A5-10-335

Building No: 504 | Checked: AR | Drawn: AR

Location: PERRY POINT MARYLAND

DRAWING NO: 504-SF1.02

Dwg. 5 of 10

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GRIST SJ.DWG

BEAM SCHEDULE

MARK	BEAM	REMARK
B1	EX. 9"X14" WOOD BEAM	BEAM TO REMAIN
B2	W8X21 STEEL BEAM	0'-0" AT FIRST FLOOR 8'-1" AT SECOND FLOOR 15'11" AT CEILING LEVEL

WALL SCHEDULE

MARK	REMARKS
W1	EXISTING RUBBLE STONE MASONRY WALL. STRIP MORTAR, & REPOINT TO SPECIFICATION.

LINTEL SCHEDULE

MARK	BEAM	REMARK
WL1	3"x12" WOOD LINTEL BUILT INTO WINDOW FRAME	USE A ROUGH SAWN, CYPRESS #1 LUMBER.
WL2	3"x12" WOOD LINTEL ABOVE WINDOW FRAME	ALL LINTELS ABOVE WINDOWS SHALL BE REPLACED. USE A ROUGH SAWN, CYPRESS #1 LUMBER.

ATTIC JOIST SCHEDULE

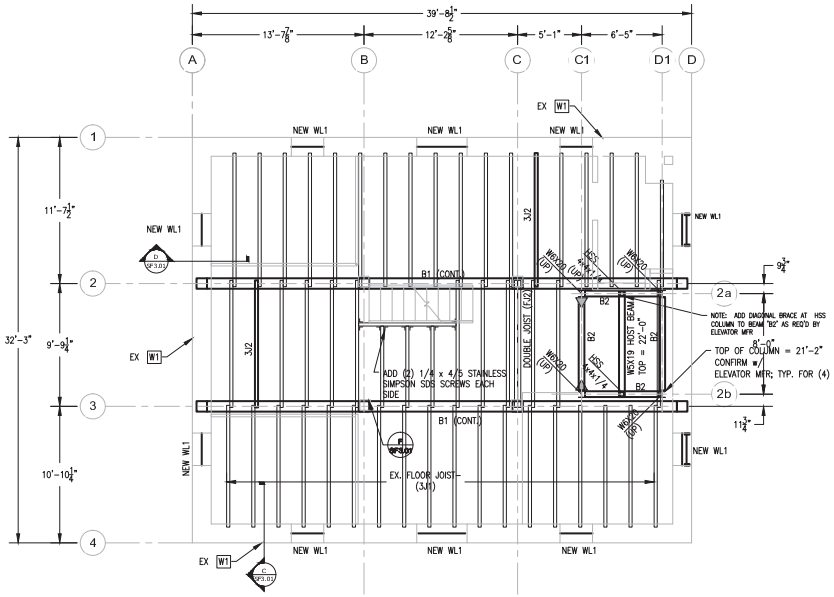
MARK	JOIST SIZE	REMARK	
3J1	2 1/2" WIDE x 9-1/4" DEEP		
3J2	NEW 2-1/2" x 9 1/4" DEEP JOIST	REUSE REMOVED LUMBER WHERE POSSIBLE. IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.	

NOTE:
ALL BEAMS AND JOISTS BEARING IN WALL POCKETS SHALL BE EXPOSED AND TESTED FOR DECAY AND INFESTATION. COMPROMISED JOISTS SHALL BE REPAIRED OR REPLACED.

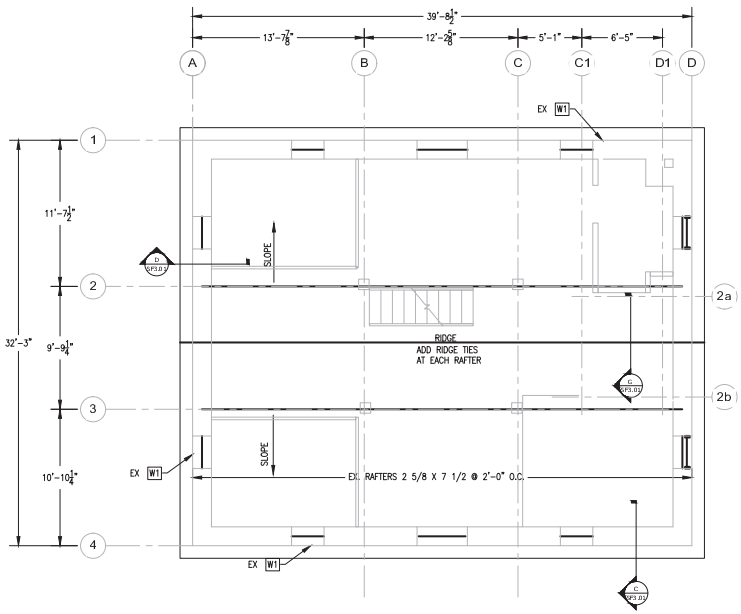
ALL BEAM BEARING PLATES SHALL BE REMOVED AND REPLACED WITH A 3x9 #1 CYPRESS PLATE, WITH A BITUTHANE MOISTURE BARRIER ON THREE SIDES.

IF NEW LUMBER IS REQUIRED, USE A ROUGH SAWN CYPRESS #1 LUMBER MATCHING THE EXISTING SIZE.

BEAMS MARKED WITH: ▷ ARE MOMENT FRAMES (SEE D/S403 FOR CONN.)



(A) ATTIC FRAMING PLAN
1/4" = 1'-0"



(B) ROOF FRAMING PLAN
1/4" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: ATTIC FRAMING ROOF FRAMING

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Date: 10/15/2012

Project No: 512A5-10-335

Building No: 504 | Checked: AR | Drawn: AR

Location: PERRY POINT MARYLAND

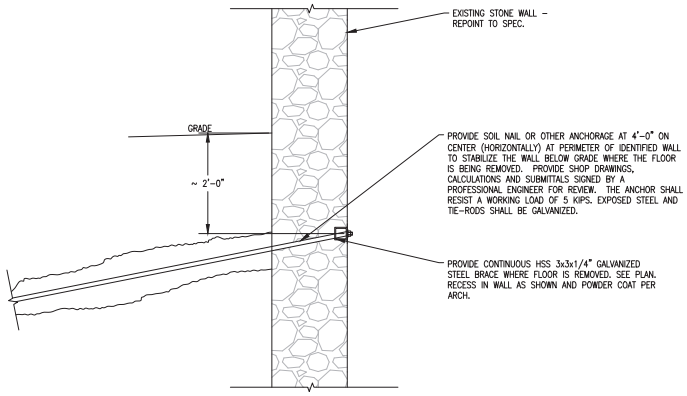
DRAWING NO: 504-SF1.03

Dwg. 6 Of 10

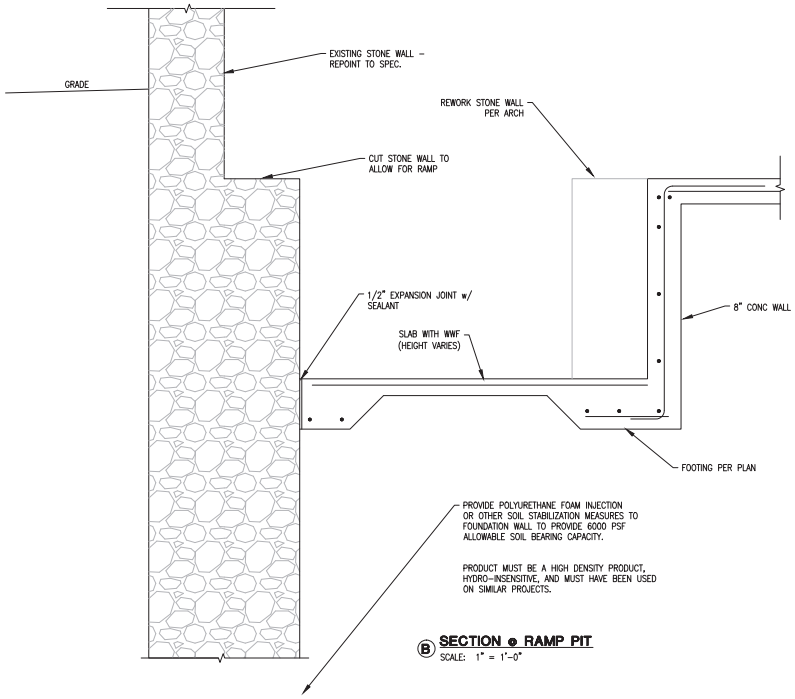
DEPARTMENT OF VETERANS AFFAIRS

2011-11-15 GRIST SJ.DWG

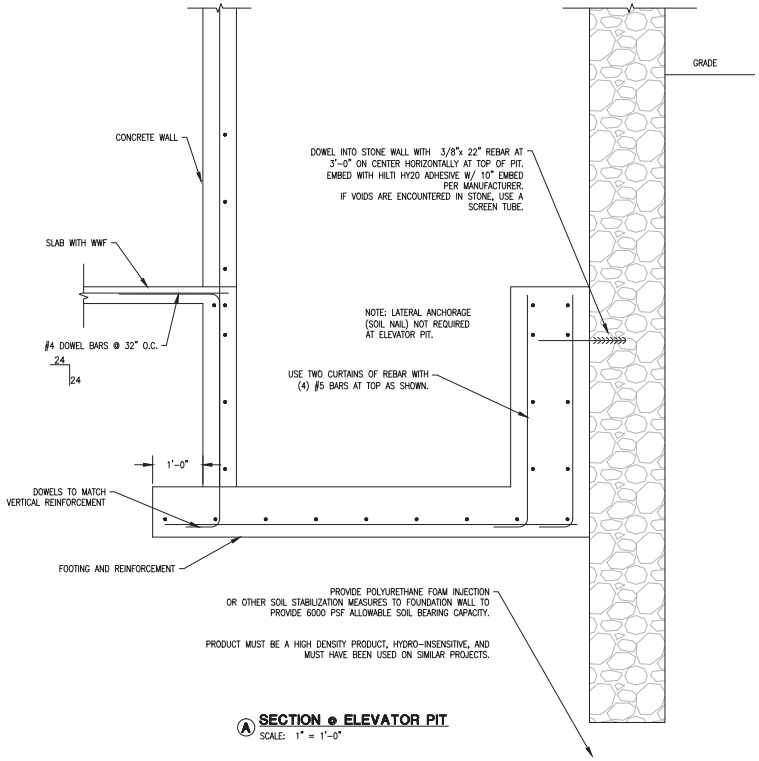
Data File Name



Ⓒ SECTION @ SOIL ANCHOR
SCALE: 1" = 1'-0"



Ⓑ SECTION @ RAMP PIT
SCALE: 1" = 1'-0"



Ⓐ SECTION @ ELEVATOR PIT
SCALE: 1" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: FOUNDATION SECTIONS

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No:	Checked:	Drawn:
504	AR	AR

Location: PERRY POINT MARYLAND

Date: 10/15/2012

Project No: 512A5-10-335

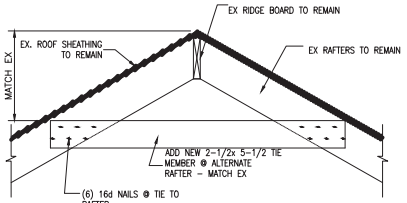
DRAWING NO: 504-SF2.01

Dwg. 7 of 10

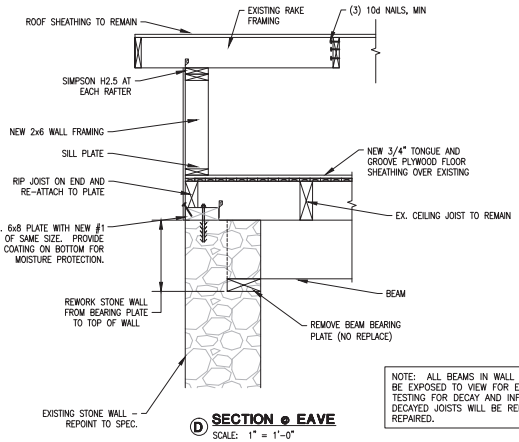
DEPARTMENT OF VETERANS AFFAIRS

2011-11-15 GRIST.SJWG

Data File Name

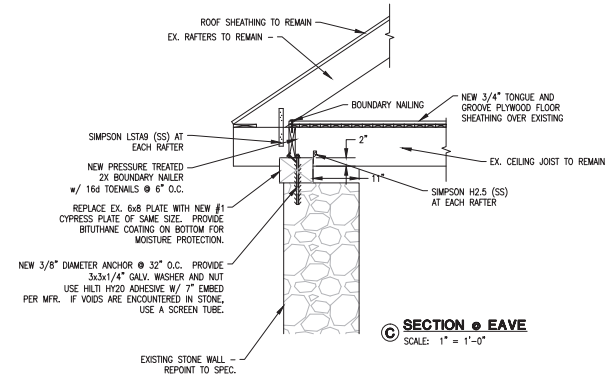


(G) SECTION @ RIDGE
NTS

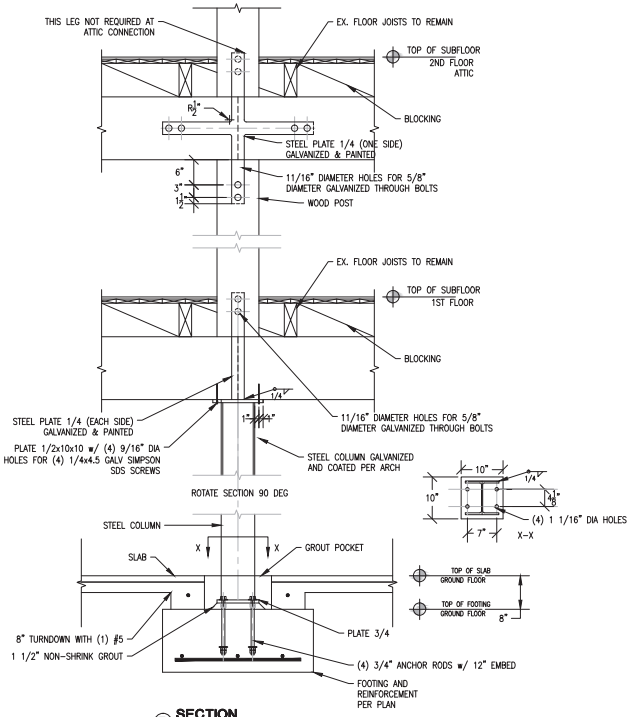


(D) SECTION @ EAVE
SCALE: 1" = 1'-0"

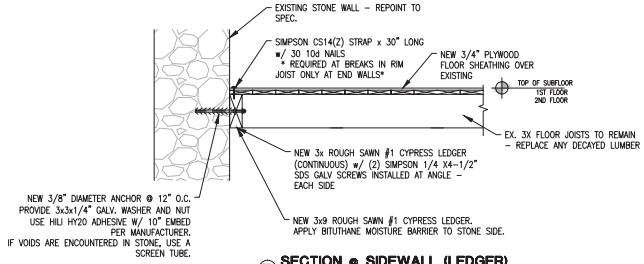
NOTE: ALL BEAMS IN WALL POCKETS SHALL BE EXPOSED TO VIEW FOR EXAMINATION AND TESTING FOR DECAY AND INFESTATION. DECAYED JOISTS WILL BE REPLACED OR REPAIRED.



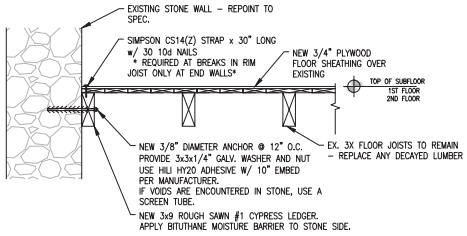
(C) SECTION @ EAVE
SCALE: 1" = 1'-0"



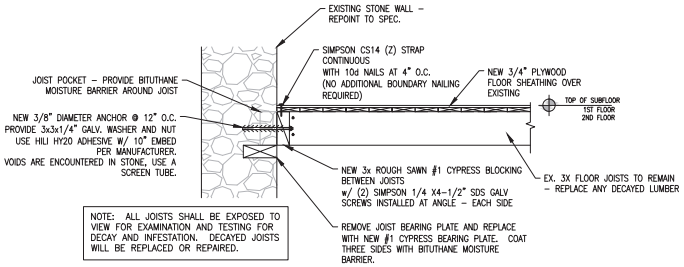
(F) SECTION
SCALE: 1" = 1'-0"



(E) SECTION @ SIDEWALL (LEDGER)
SCALE: 1" = 1'-0"



(B) SECTION @ ENDWALL
SCALE: 1" = 1'-0"



NOTE: ALL JOISTS SHALL BE EXPOSED TO VIEW FOR EXAMINATION AND TESTING FOR DECAY AND INFESTATION. DECAYED JOISTS WILL BE REPLACED OR REPAIRED.

(A) SECTION @ SIDEWALL (POCKET)
SCALE: 1" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: FRAMING SECTIONS

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Date: 10/15/2012

Project No: 512A5-10-335

Building No:	Checked:	Drawn:
504	AR	AR

Location: PERRY POINT MARYLAND

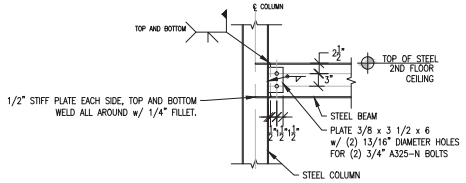
DRAWING NO: 504-SF3.01

Dwg. 8 of 10

DEPARTMENT OF VETERANS AFFAIRS

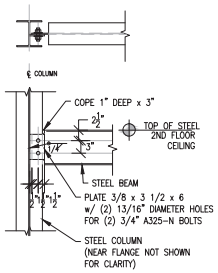
2011-11-15 GRIST JJWG

Data File Name

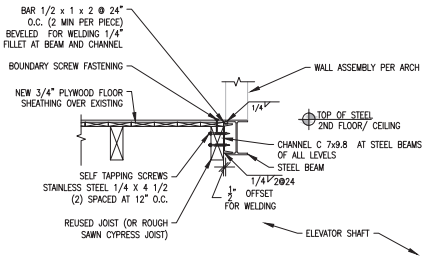


D MOMENT FRAME CONNECTION
SCALE: 1" = 1'-0"

NOTE: AT NON-MOMENT CONNECTION AT COLUMN FLANGE, THE FULL PENETRATION CONNECTION IS NOT REQUIRED.

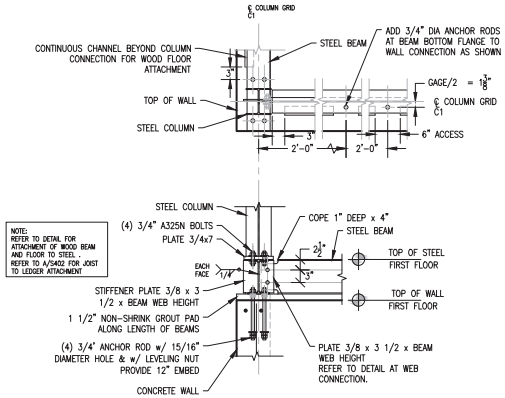


C NON-MOMENT FRAME CONNECTION -COLUMN WEB
SCALE: 1" = 1'-0"



B SECTION AT STEEL BEAM
SCALE: 1" = 1'-0"

NOTE: SIMILAR CONNECTION WHERE JOISTS FRAME PERPENDICULAR TO THE ELEVATOR BEAM. ADD (4) 1/4"x4-1/2" GALV SIMPSON SDS SCREWS INSTALLED AT AN ANGLE INTO THE LEDGER CONNECTION.



NOTE:
REFER TO DETAIL FOR
ATTACHMENT OF WOOD BEAM
AND FLOOR TO STEEL .
REFER TO A/S402 FOR JOIST
TO LEDGER ATTACHMENT

A SECTION AT FIRST FLOOR COLUMN AND BEAM CONNECTION
SCALE: 1" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: STEEL SECTIONS

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No: 504 | Checked: AR | Drawn: AR

Location: PERRY POINT MARYLAND

Date: 10/15/2012

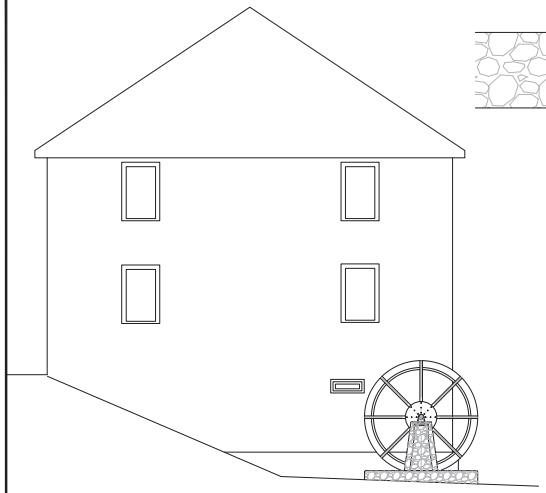
Project No: 512A5-10-335

DRAWING NO: 504-SF4.01

Dwg. 9 Of 10

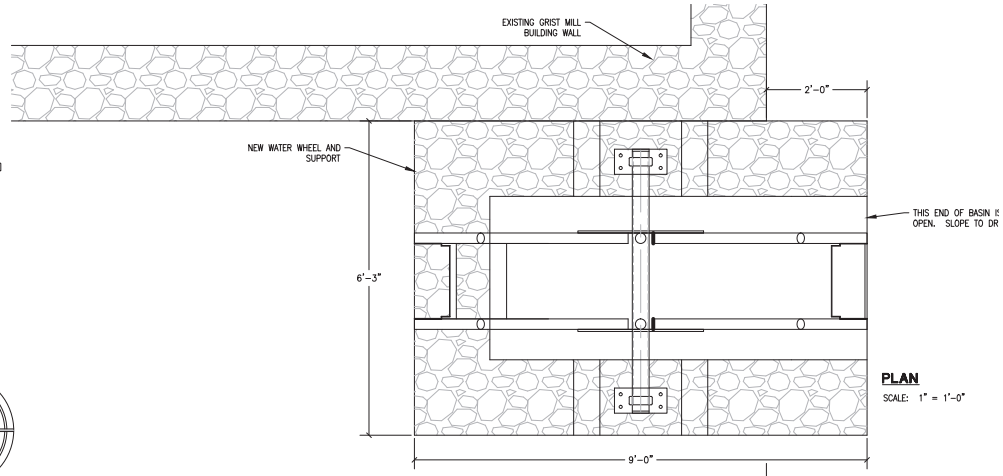
DEPARTMENT OF VETERANS AFFAIRS

Data File Name 2011-11-15 GRIST SJONG



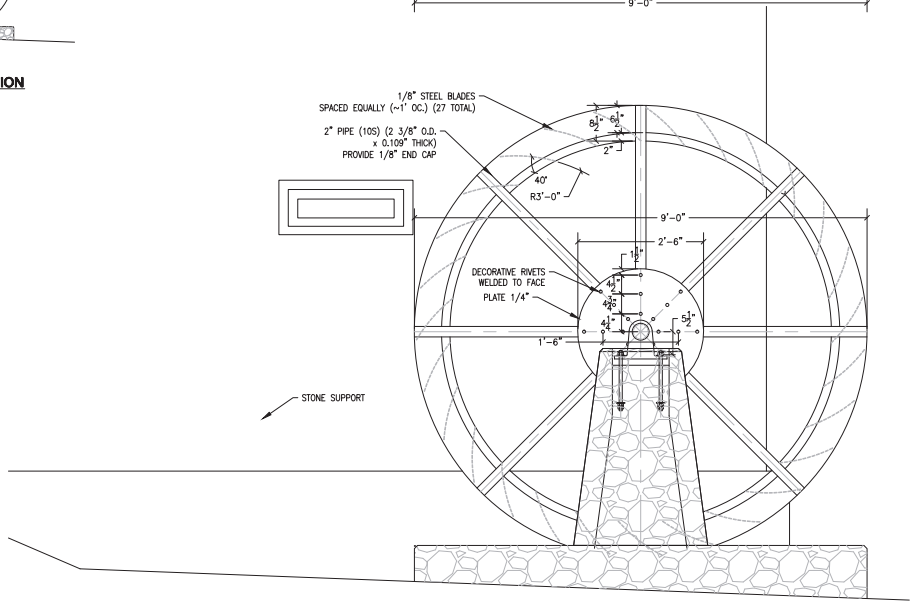
NORTH ELEVATION

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



PLAN

SCALE: 1" = 1'-0"

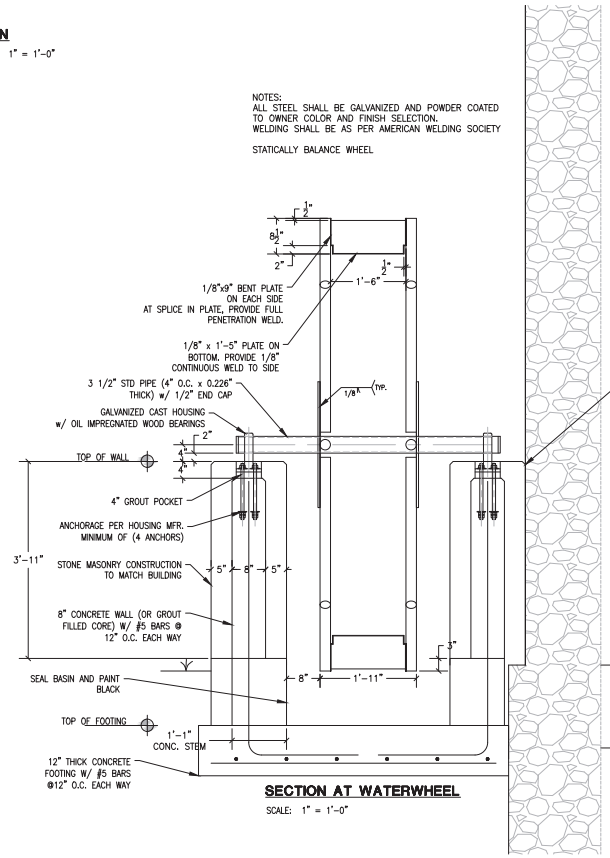


SECTION AT WATERWHEEL

SCALE: 1" = 1'-0"

NOTES:
ALL STEEL SHALL BE GALVANIZED AND POWDER COATED TO OWNER COLOR AND FINISH SELECTION.
WELDING SHALL BE AS PER AMERICAN WELDING SOCIETY

STATICALLY BALANCE WHEEL



SECTION AT WATERWHEEL

SCALE: 1" = 1'-0"

FINAL

BES DESIGN/BUILD
1612 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Drawing Title: WATER WHEEL

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Date: 10/15/2012

Project No: 512A5-10-335

Building No:	Checked:	Drawn:
504	AR	AR

Location: PERRY POINT MARYLAND

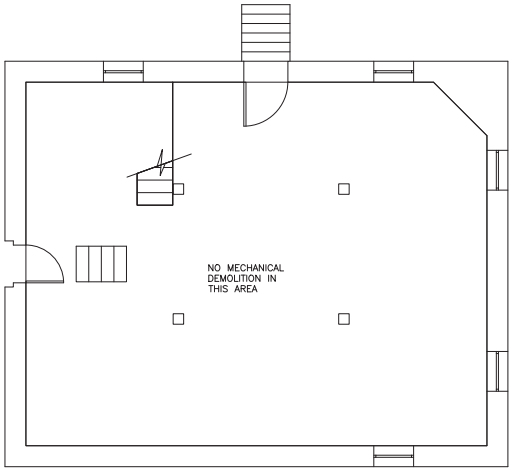
DRAWING NO: 504-SF5.01

Dwg. 10 of 10

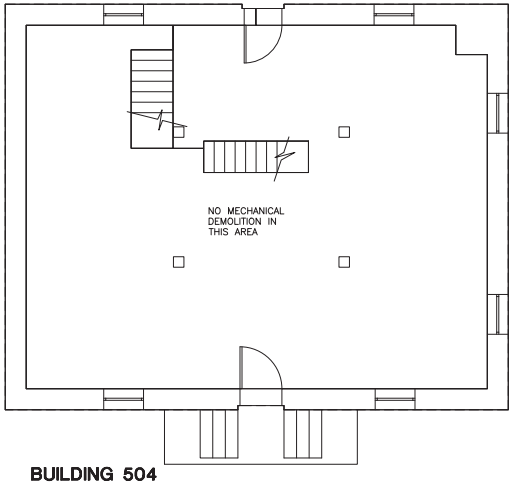
DEPARTMENT OF VETERANS AFFAIRS

2011-11-15 GRIST SJWG

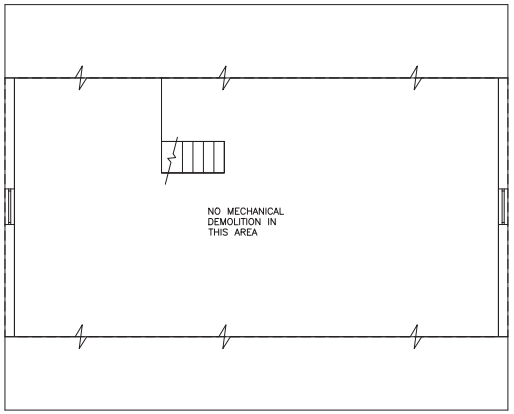
Data File Name



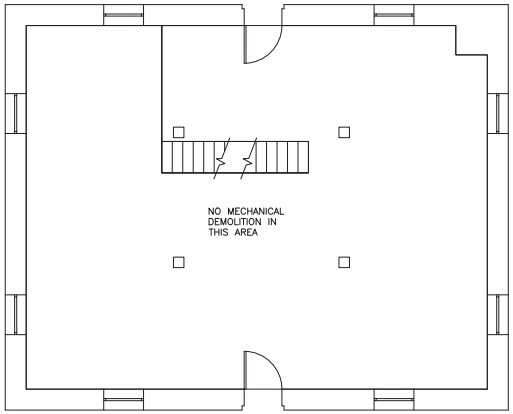
BUILDING 504
MECHANICAL PLAN - DEMOLITION - BASEMENT
SCALE: 1/4" = 1'-0"



BUILDING 504
MECHANICAL PLAN - DEMOLITION - FIRST FLOOR
SCALE: 1/4" = 1'-0"



BUILDING 504
MECHANICAL PLAN - DEMOLITION - THIRD FLOOR
SCALE: 1/4" = 1'-0"



BUILDING 504
MECHANICAL PLAN - DEMOLITION - SECOND FLOOR
SCALE: 1/4" = 1'-0"

4' 0' 4' 8'
1/4"=1'-0"

FINAL

BES DESIGN/BUILD
1812 K Street, NW, Suite 900
Washington, DC 20006
Phone: 202-223-1234
Fax: 202-223-1212

Drawing Scale:	AS NOTED
Drawing Start Date:	03/01/2012
Drawing Finish Date:	10/15/2012
Drawing Approved:	JOE BANACH

Approved: Chief, Facilities and Engineering:

Approved: Associate Chief for Maintenance And Operations, Perry Point:

Drawing Title: MECHANICAL PLAN DEMOLITION

Approved: Associate Director for Operations:

Approved: Director, Medical Center:

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER

Building No:	Checked:	Drawn:
504	RLD	RL

Location: PERRY POINT MARYLAND

Date: 10/15/2012

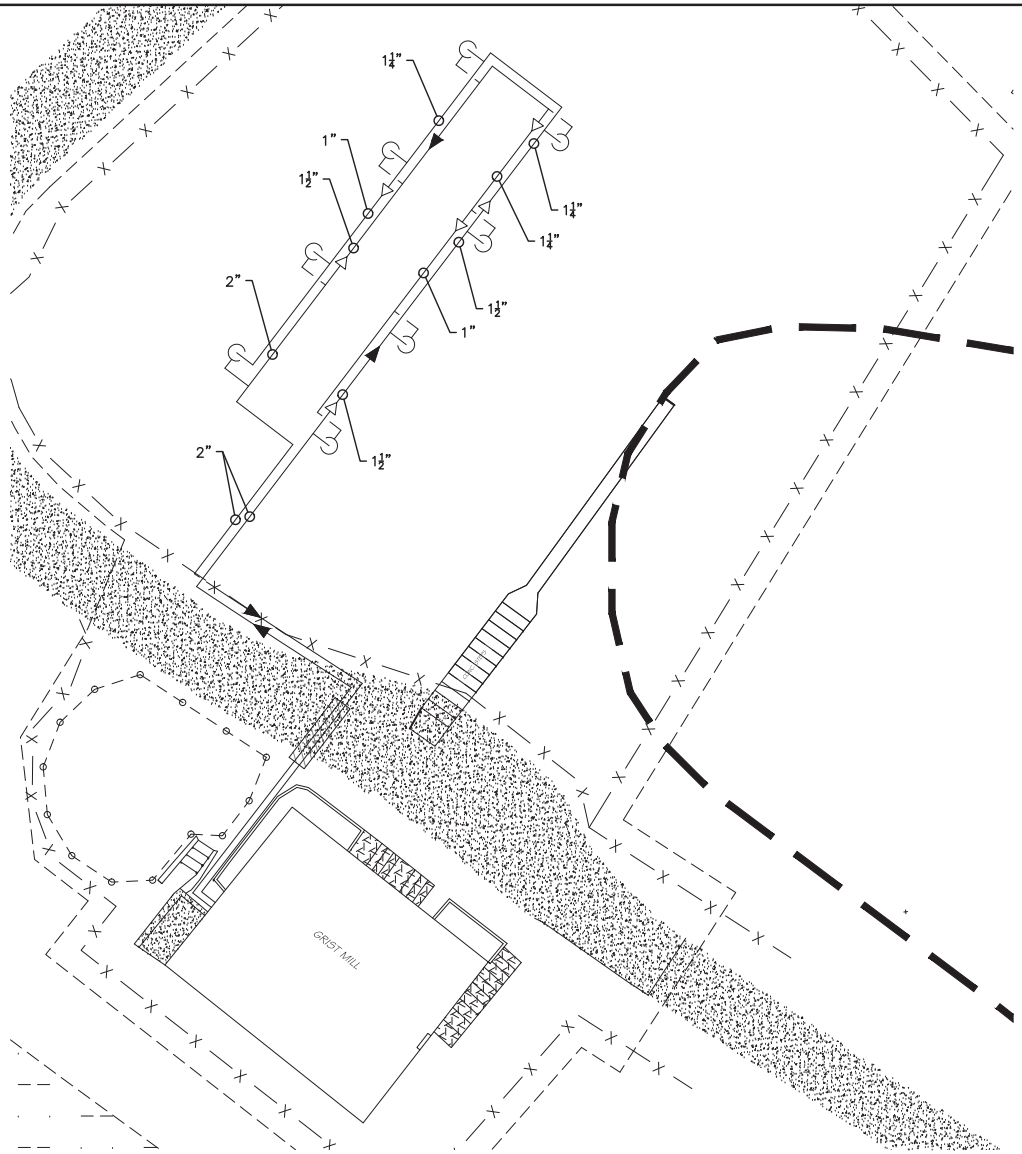
Project No: 512A5-10-335

DRAWING NO: 504-MD1.00

Dwg. 1 Of 7

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 504-MD1.00.dwg



MECHANICAL SITE PLAN

SCALE: 1" = 10'-0"

10' 5' 0' 10'
1"=10'-0"

FINAL

BES DESIGN/BUILD 1612 K Street, NW, Suite 900 Washington, DC 20006 Phone: 202-223-1234 Fax: 202-223-1212	Drawing Scale: AS NOTED Drawing Start Date: 03/01/2012 Drawing Finish Date: 10/15/2012 Drawing Approved: JOE BANACH	*Approved: Chief, Facilities and Engineering:* *Approved: Associate Chief for Maintenance And Operations, Perry Point:*	Drawing Title: MECHANICAL SITE PLAN NEW WORK Approved: Associate Director for Operations: Approved: Director, Medical Center:

Project Title: RENOVATE MANSION HOUSE AND GRIST MILL VA MEDICAL CENTER			Date: 10/15/2012 Project No: 512A5-10-335
Building No: 504	Checked: RWC	Drawn: RL	DRAWING NO: 504-MS1.00 Dwg. 2 Of 7
Location: PERRY POINT MARYLAND			

DEPARTMENT OF VETERANS AFFAIRS

Data File Name 504-MS1.00.dwg