Full Plan View for Carter

SCALE: ½" = 1' - 0"	DWG. NO.
DATE: Apr. 13, 2008	D-1
DRAWN: PCS	

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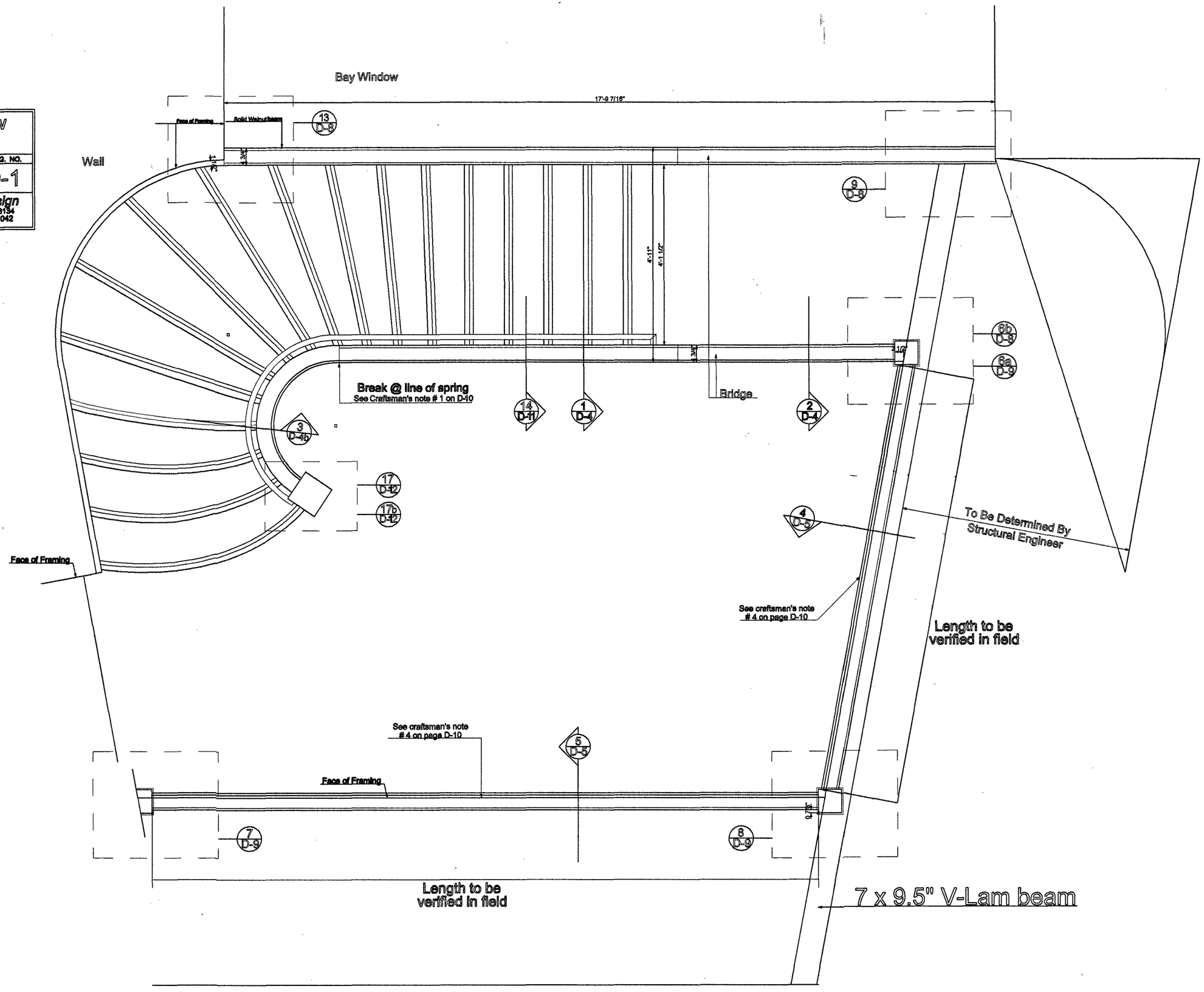

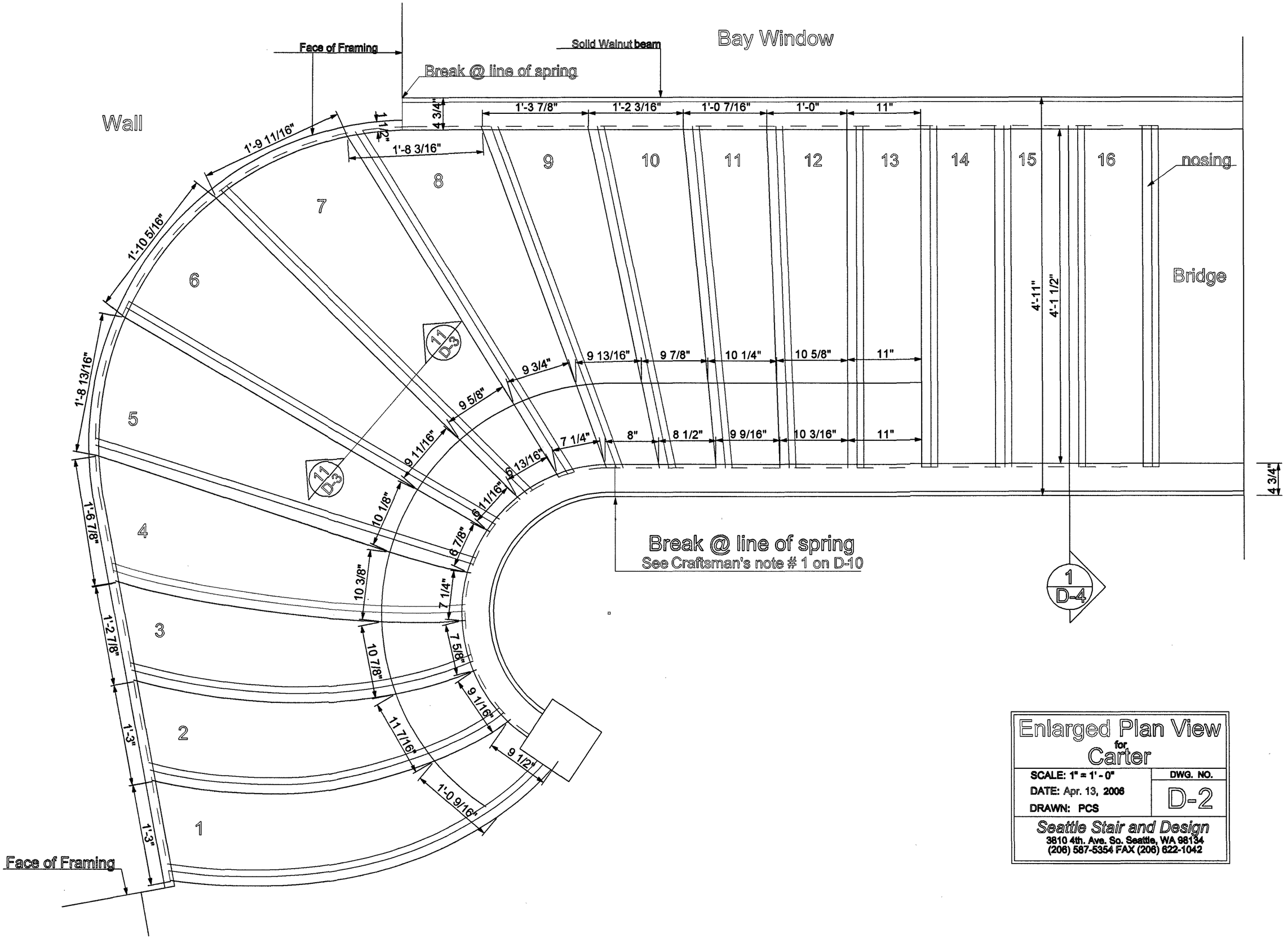

Enlarged Plan View for Carter

SCALE: 1" = 1' - 0"	DWG. NO.
DATE: Apr. 13, 2006	D-2
DRAWN: PCS	

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Radial Point Location
for
Carter

SCALE: 1" = 1' - 0"	DWG. NO.
DATE: Feb. 28, 2006	D-2b
DRAWN: PCS	

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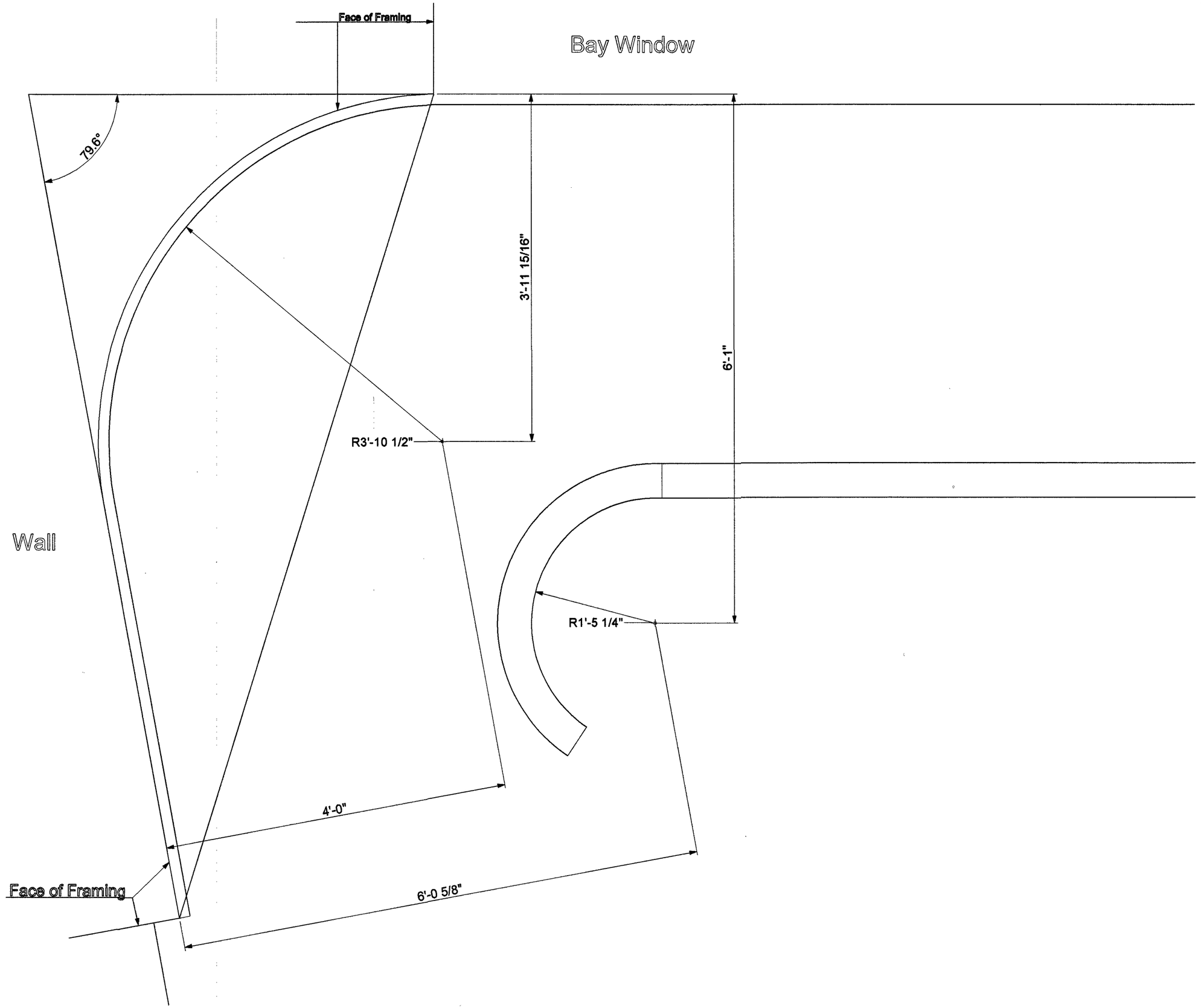
Bay Window



Linear Fall Developments for Carter	
SCALE: 1½" = 1' - 0"	DWG. NO.
DATE: Apr. 25, 2006	D-3
DRAWN: PCS	

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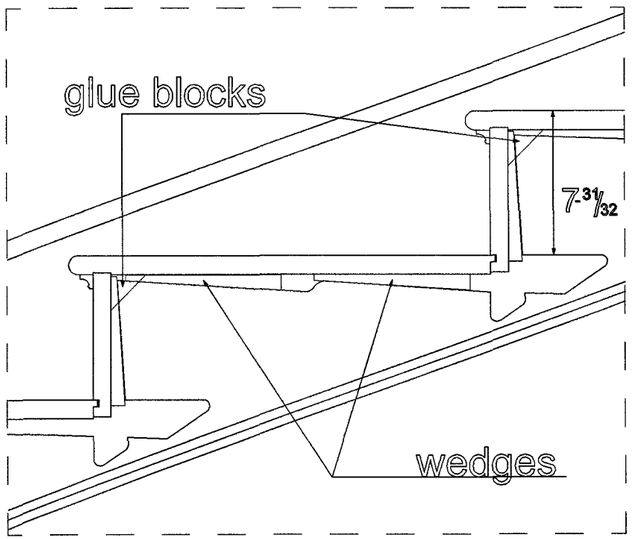
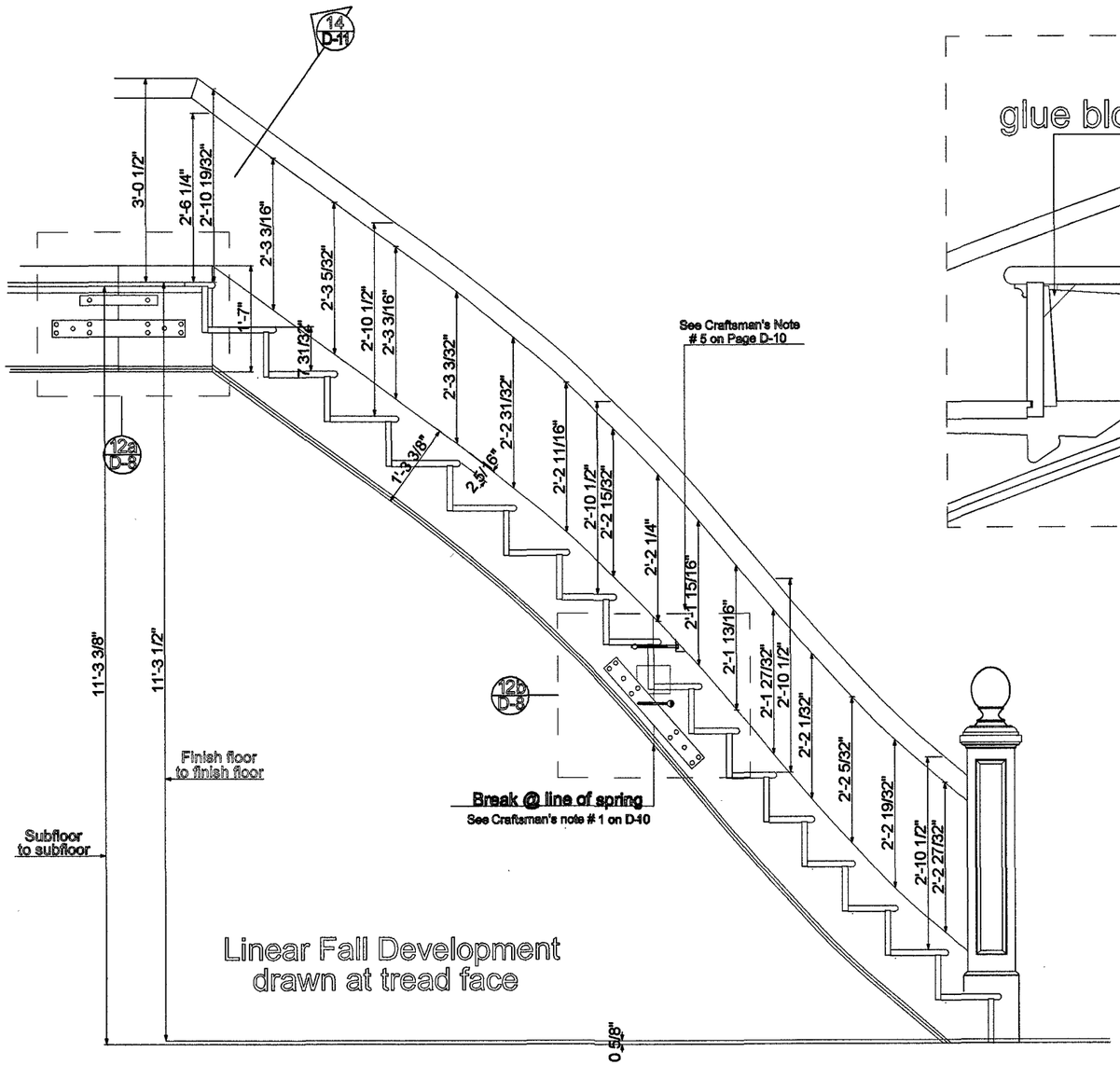
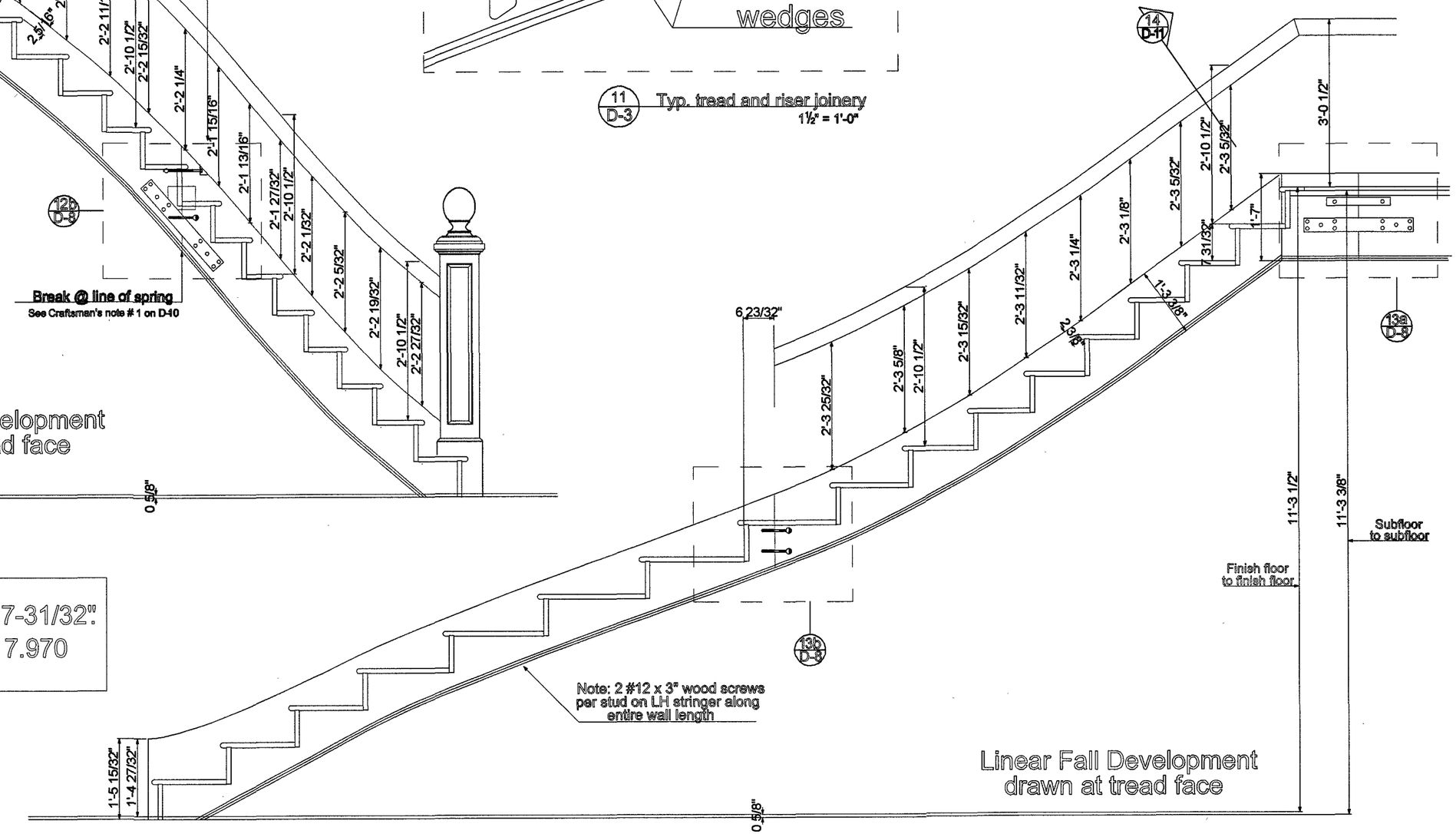


11 / D-3 Typ. tread and riser joinery
1½" = 1'-0"



Linear Fall Development
drawn at tread face

Rise Shown at 7-31/32".
Actual rise is 7.970



Linear Fall Development
drawn at tread face

Stair and Balcony Cross Sections for Carter	
SCALE: 3" = 1' - 0" DATE: Apr. 13, 2006 DRAWN: PCS	DWG. NO. D-4

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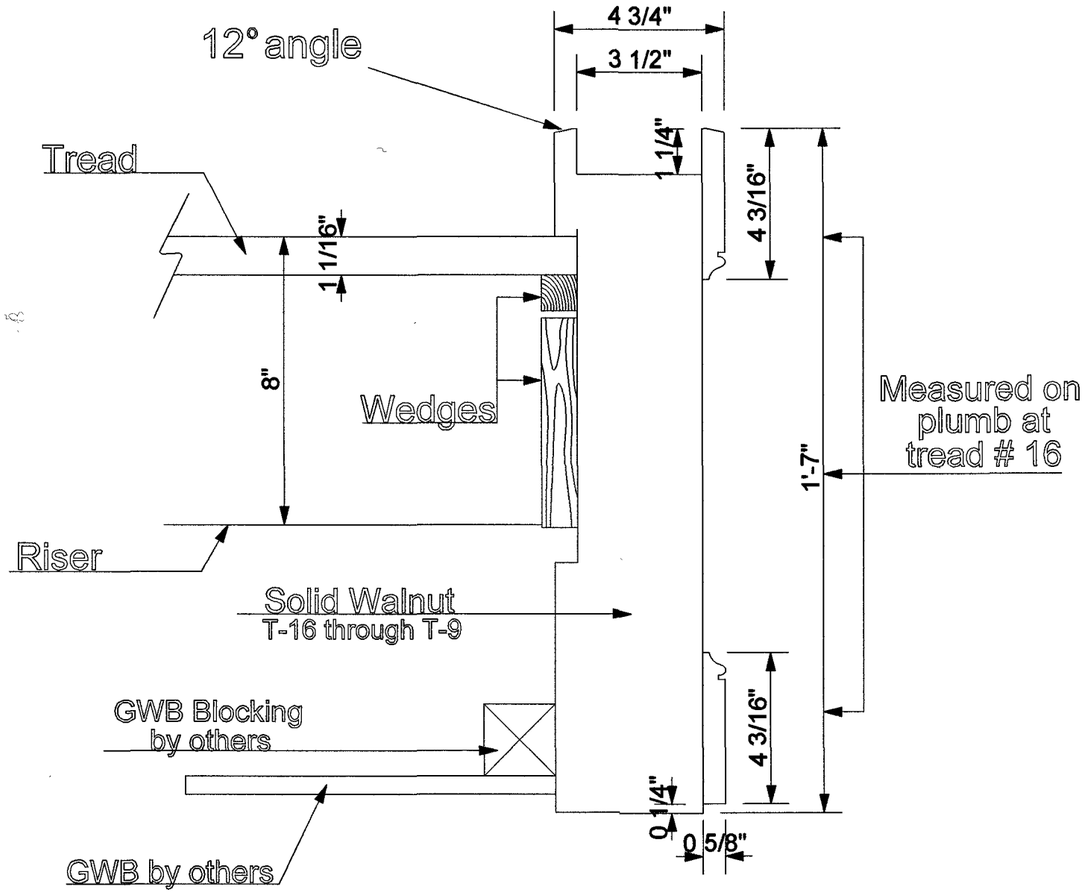
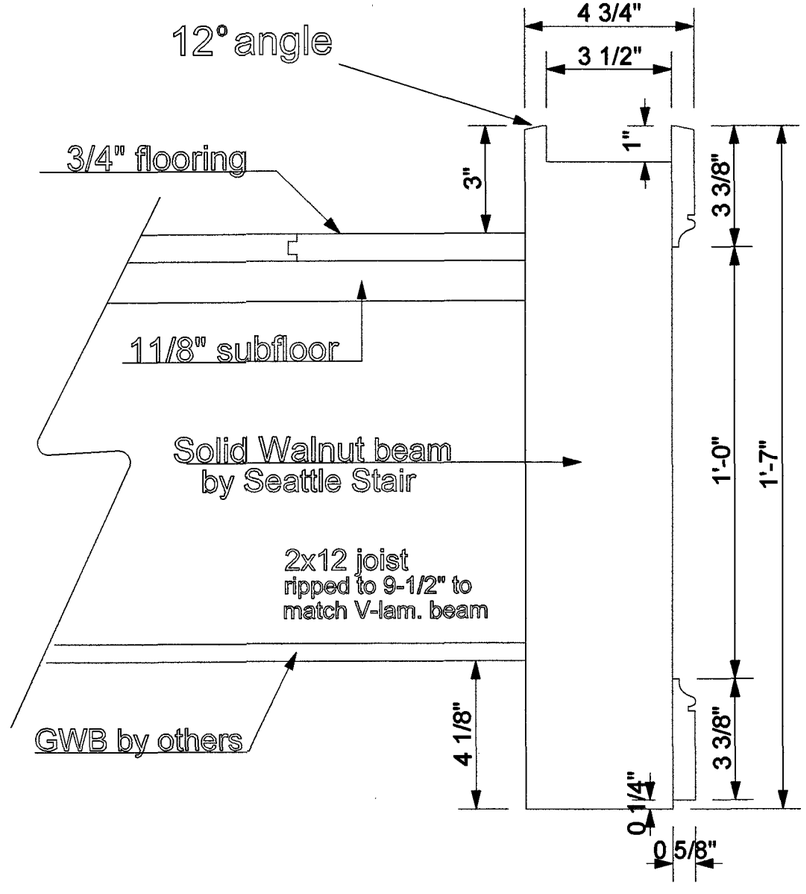


1 / D-4 Grand Stair Section



2 / D-4 Bridge Section

Stair and Balcony Cross Sections
for
Carter

SCALE: 3" = 1' - 0"	DWG. NO.
DATE: JAN.28, 2006	D-4b
DRAWN: PCS	

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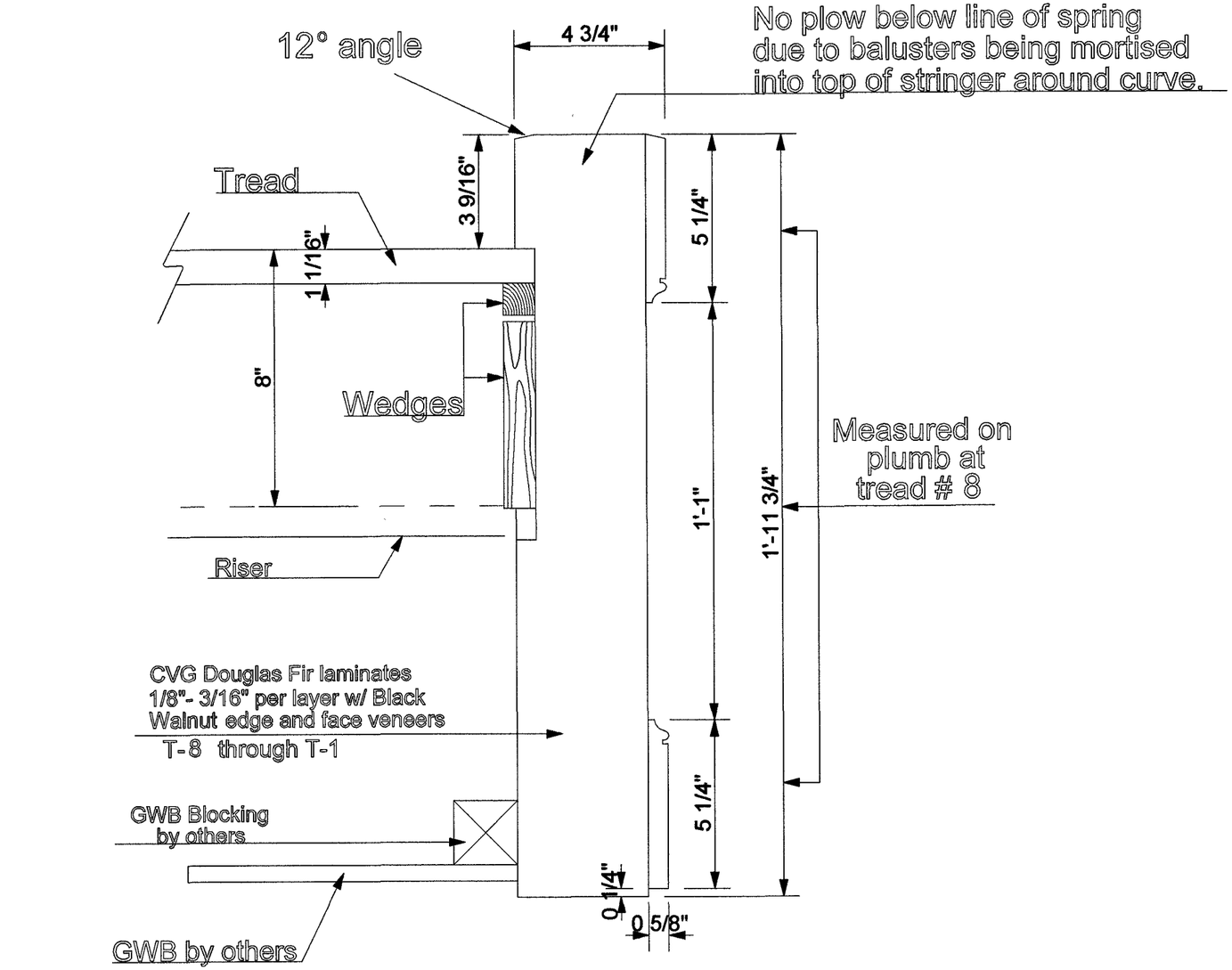

3
D-4b

Grand Stair Section

Stair and Balcony Cross Sections for Carter	
SCALE: 3" = 1' - 0"	DWG. NO.
DATE: Apr. 13, 2006	D-5
DRAWN: PCS	

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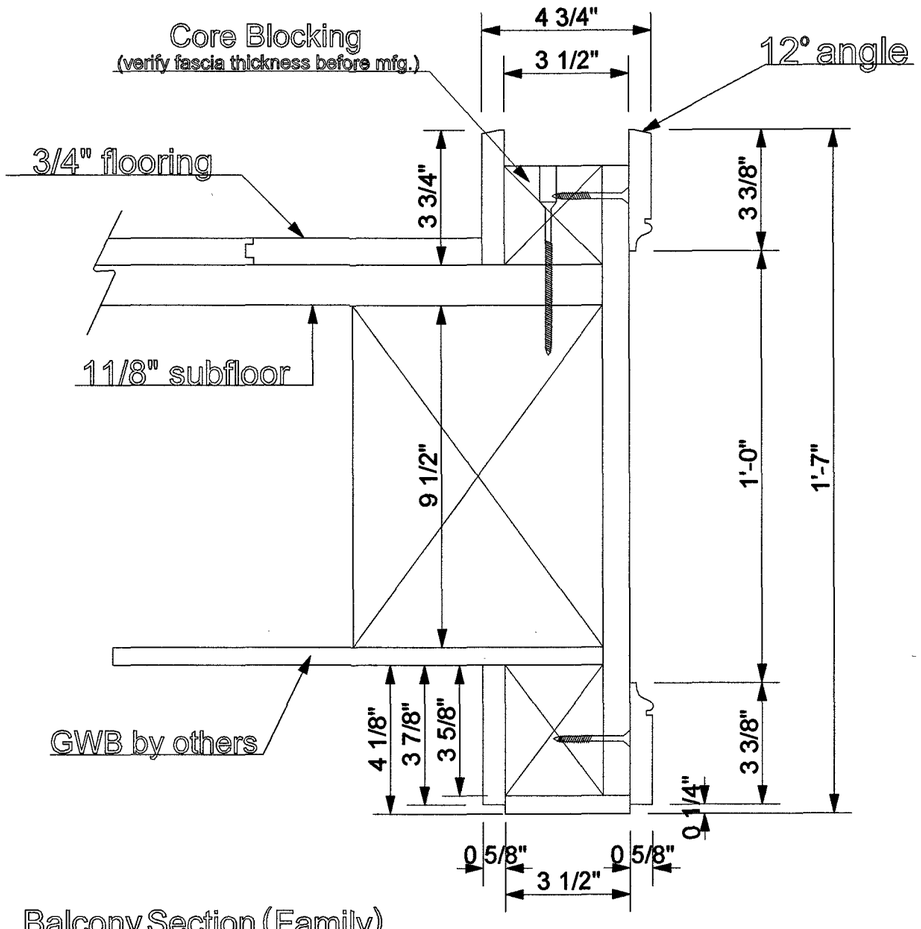
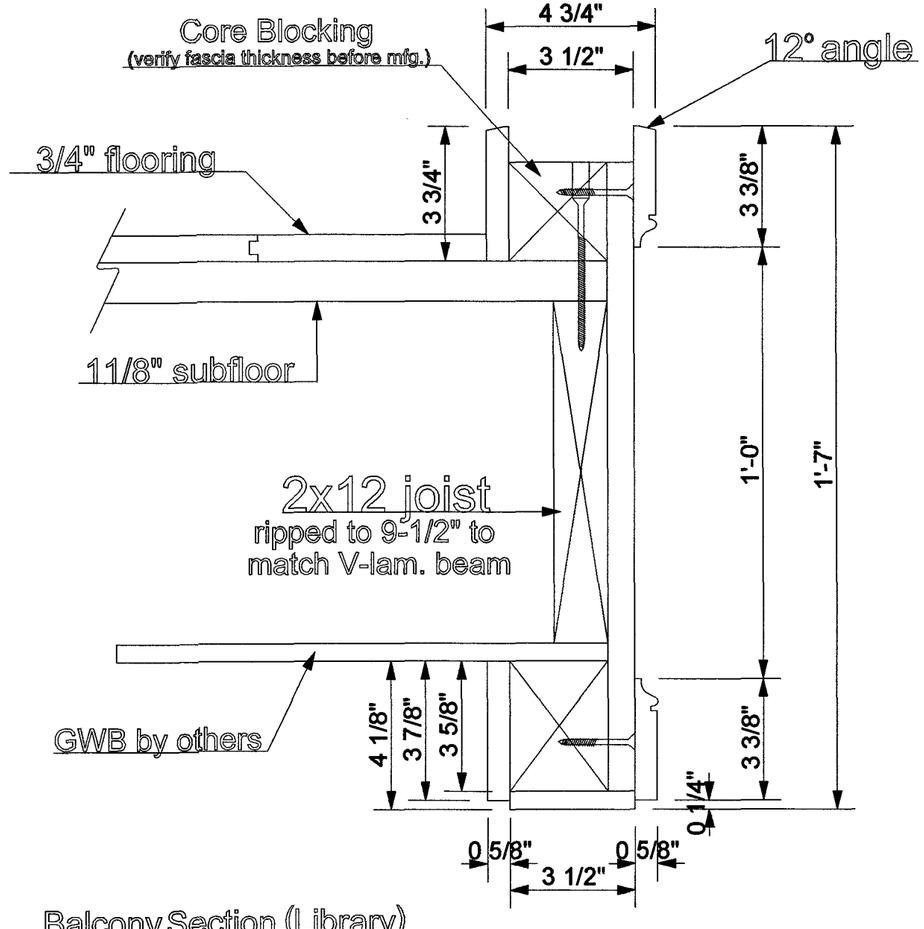
NOTE: All balcony beams, joists, GWB, flooring, subfloor, etc. by others except walnut beams @ bay window

NOTE: Around the bridge, the first floor ceiling wil be 3/8" lower than the family wing.



4 / D-5 Balcony Section (Family)



5 / D-5 Balcony Section (Library)

Inside Stringer and Balcony Panels

for

Carter

SCALE: 3/4" = 1' - 0"	DWG. NO.
DATE: Apr. 13, 2006	D-6
DRAWN: PCS	

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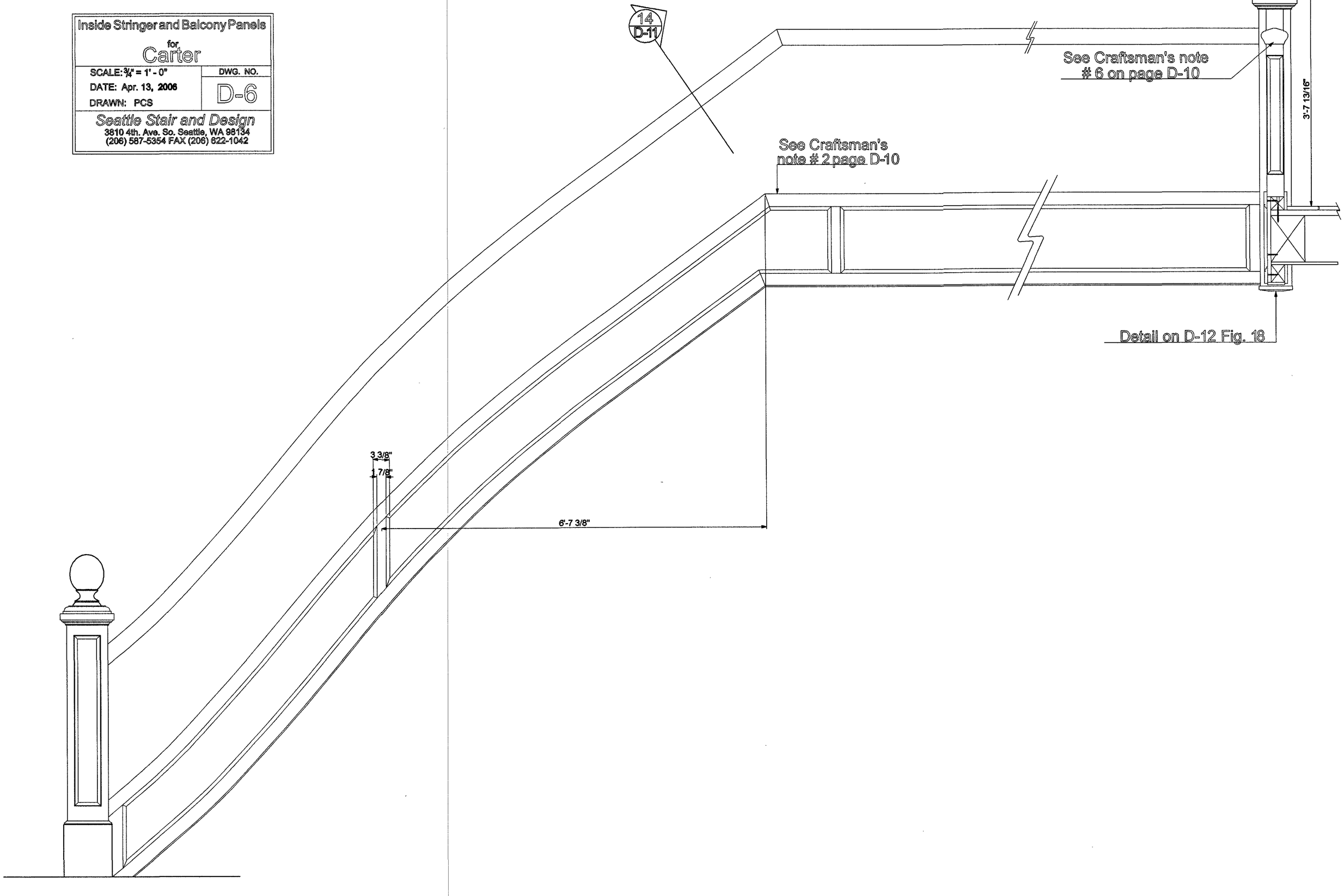

Newels in Elevation and Section
for
Carter

SCALE: 3" = 1' - 0"
DATE: Apr. 20, 2006
DRAWN: PCS

DWG. NO.
D-7

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Newel Cap
Design Pending

See finial Fig. 15
on D-11

Starter Newel

Balcony Newel

Sec.B

Sec.A

Note: Panel lengths vary where rails and stringers attach to newel. Lengths must be verified by craftsmen.

See craftsman's
note #3 page D-10

5"

8 1/2"

1 5/8"

Sec.B 1 3/4"

2 1/2"

1 1/8"

0 3/8"

8 1/2"

0 1/2"

4 1/8"

Sec.A

2'-10 7/8"

4'-9 5/8"

2 1/2" 3 1/2"

8 1/2"

1 3/4"

10"

1'-1 3/4"

2" 2 1/2"

6 1/2"

2'-7 13/16"

1 1/4"

4"

7"

Steel Re-enforcement Details
for
Carter

SCALE: 1-1/2" = 1'-0"	DWG. NO.
DATE: Apr. 20, 2006	D-8
DRAWN: PCS	

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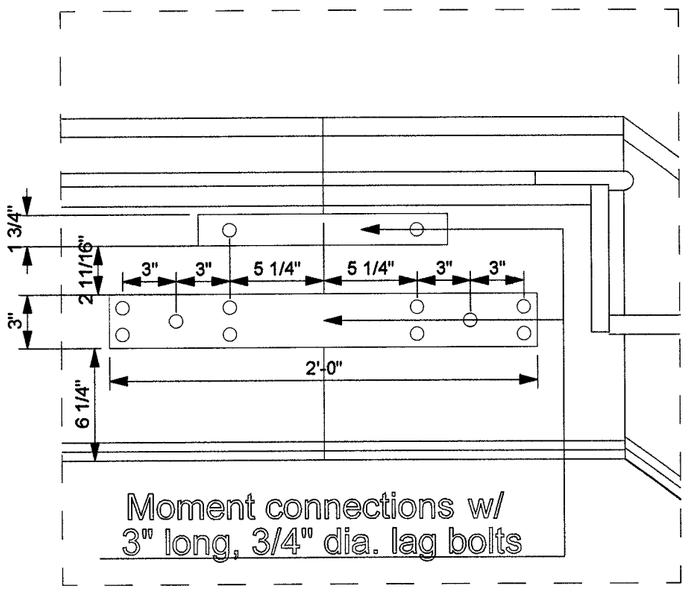
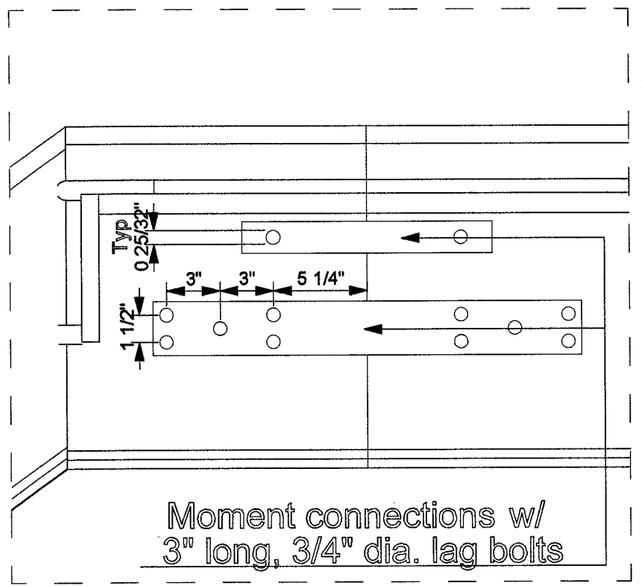
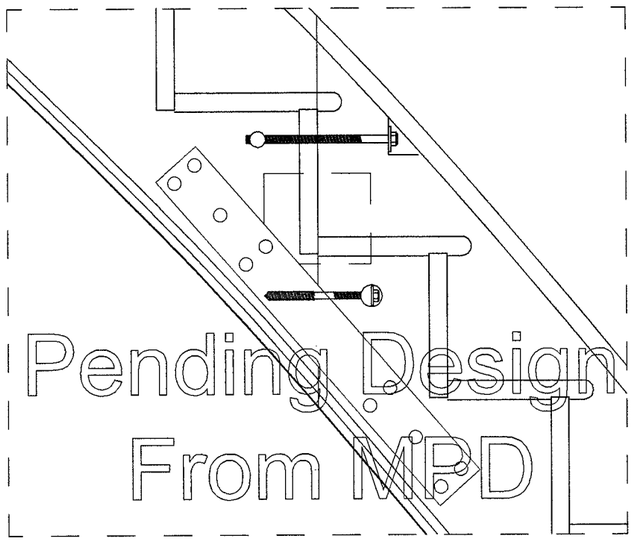


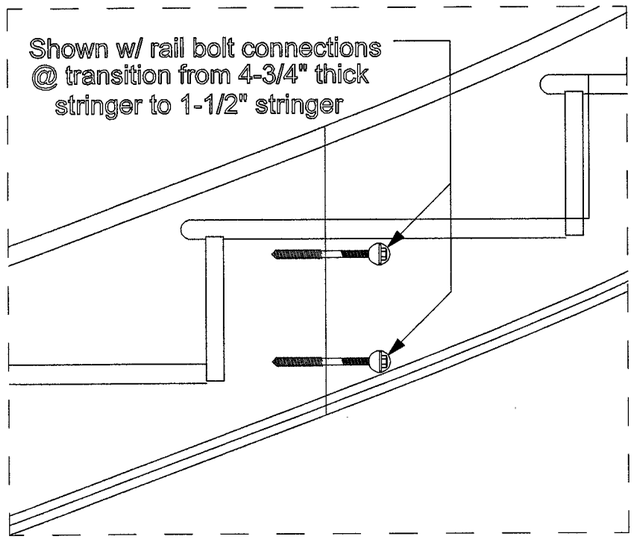
12a D-8 Inside Stringer @ top of stairs



13a D-8 Outside Stringer @ top of stairs



12b D-8 Inside Stringer @line of spring



13b D-8 Outside Stringer@line of spring

Steel Re-enforcement Details
for
Carter

SCALE: 1-1/2" = 1'-0"	DWG. NO.
DATE: Feb. 28,2006	D-8b
DRAWN: PCS	

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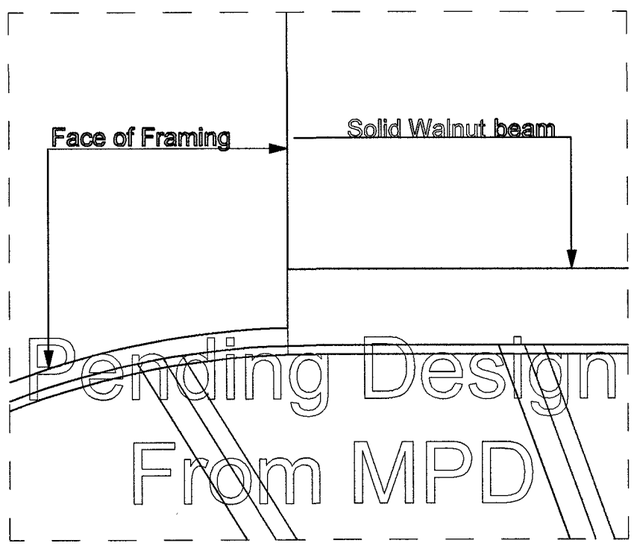
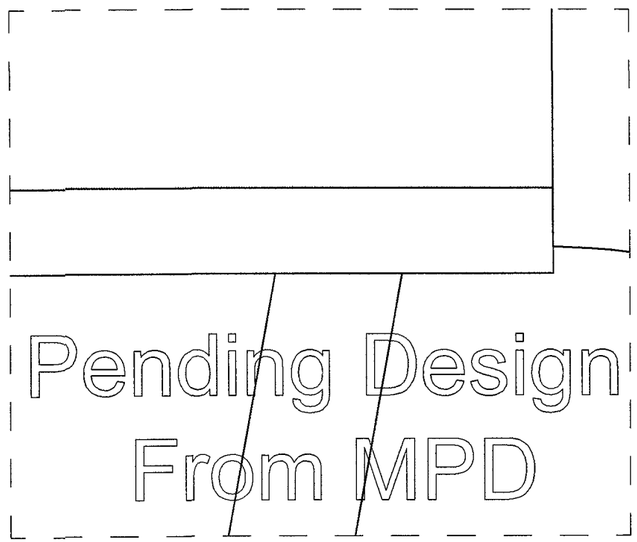
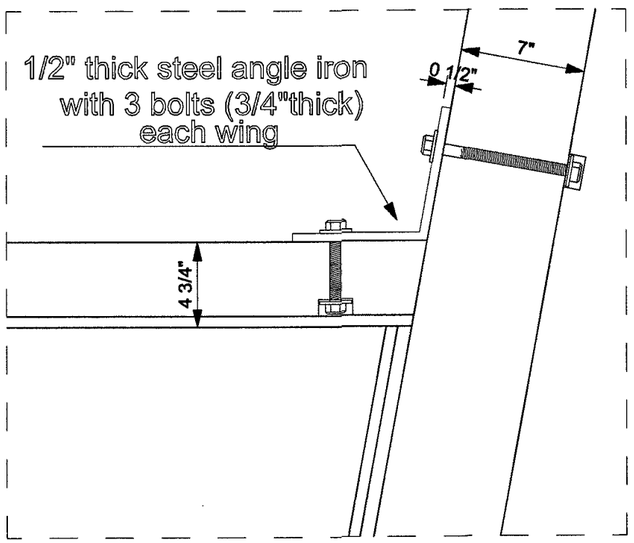


10 / D-8 — Outside Stringer
@ left hand side of bay window



9 / D-8 — Outside Stringer
@ right hand side of bay window



6b / D-8 — Inside Stringer
bridge to 7x9-1/2 beam

Newel Details
for
Carter

SCALE: NTS	DWG. NO.
DATE: Feb. 28,2006	D-9
DRAWN: PCS	

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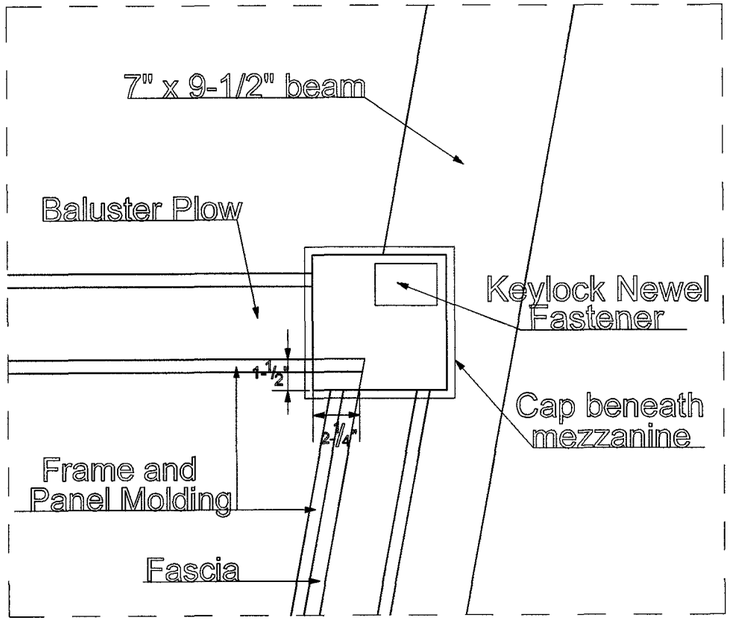
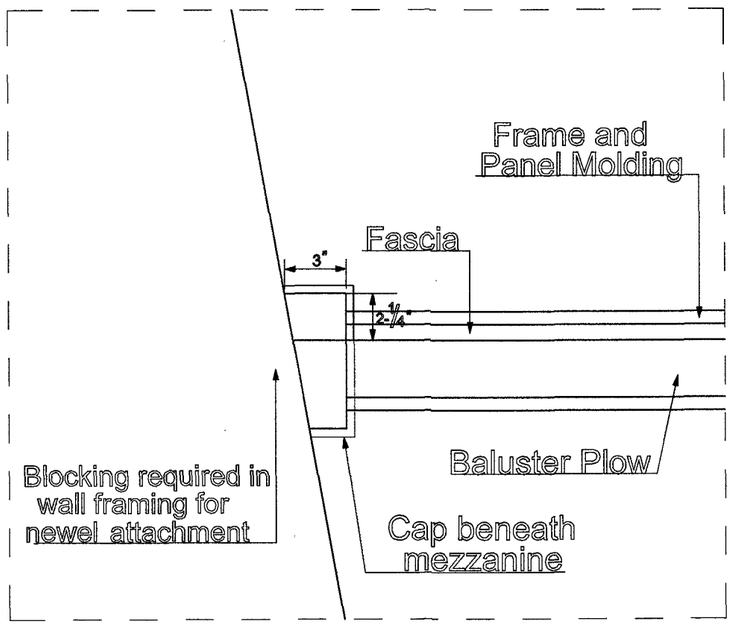
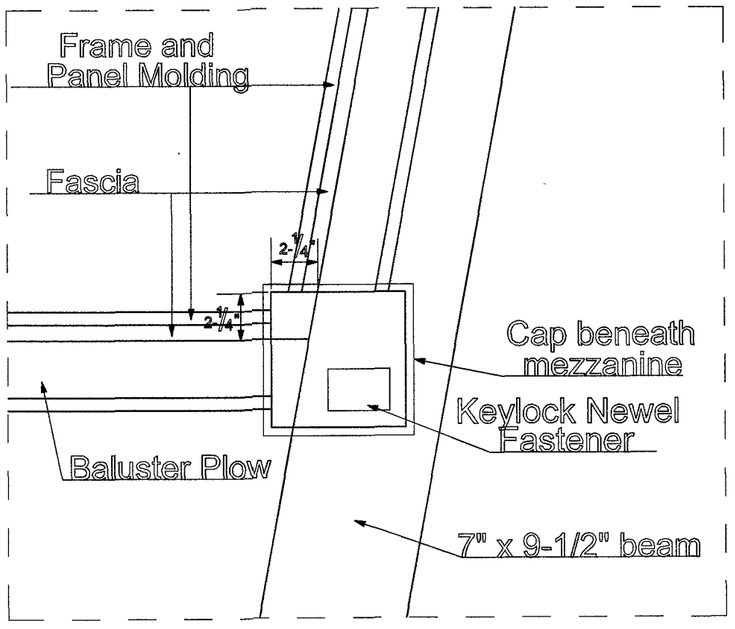


6a / D-9 — Balcony Newel pos. 1
Bridge / Family



7 / D-9 — Balcony Newel pos. 3
Library



8 / D-9 — Balcony Newel pos. 2
Library / Family

Craftsman's Notes for Carter

SCALE: 3/4" = 1' - 0" | DWG. NO. D-10

DATE: Apr. 13, 2006

DRAWN: PCS

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 # 1

There is a 1/4 inch reveal that exists between the fillet and top of stringer. As the balusters from T-1 to T-9 are all mortised into the top of the stringer, there will be no fillet. Dropping the trim in order to create a 1/4 inch reveal and rabbeting the top of stringer on the stair side will create a false fillet. As this will create a height difference of a 1/4" between the two segments of the inside stringer, they will need to be blended together at the line of spring joint and further up if neccessary. This may also cause the fillet to be thinner at this point

 # 2

3 Structural balusters at this location instead of newel post.

1-3/4 Ø structural dowels turned on balusters and epoxied into stringer north of beam joint

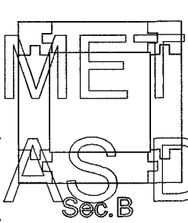
 # 3

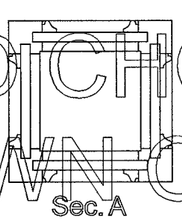
The construction of the newels can be executed in one of two ways. Method 1 (as shown on D-7) The stiles are made out of solid 2-1/2" square stock that the molding profile is directly cut into. In the areas where the stiles are connected to the rails, the molding profile is cut away to leave a flat shoulder that the rail is either tenoned or biscuited into. The area where the molding profiles on the stiles and rails meet should be mitred.

Method 2 (Showroom Pedestal method) is as shown.

The real difference lies within treating the moldings as separately milled and installed pieces as opposed to being integral with the stiles.

ALTERNATE METHOD CHOSEN BY FABRICE (AS DRAWN ON D-7)





NTS

#4

Five structural dowel balusters located on the library side.
Two structural dowel balusters located on the family side

#5

Curved IR stringer to be laminated at start of project to allow cure / shrinkage time before installation

#6

Craftsmen must remain aware of newel orientation and position when laying out panel heights. As the railing dies into the newels, the panels facing the railing must be adjusted accordingly. The top of the visible section of panel should be 2" below the bottom of the handrail.

Handrail, Baluster, Finial Details for Carter	
SCALE: Varies DATE: Apr. 13, 2006 DRAWN: PCS	DWG. NO. D-11

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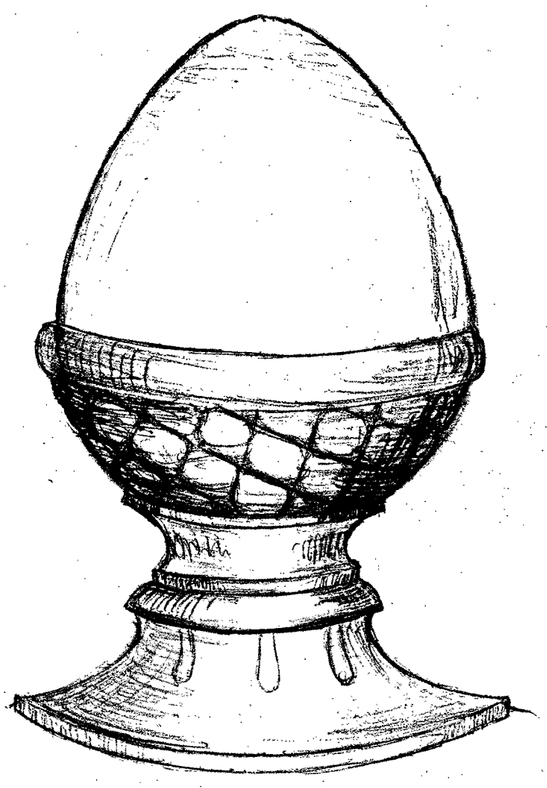
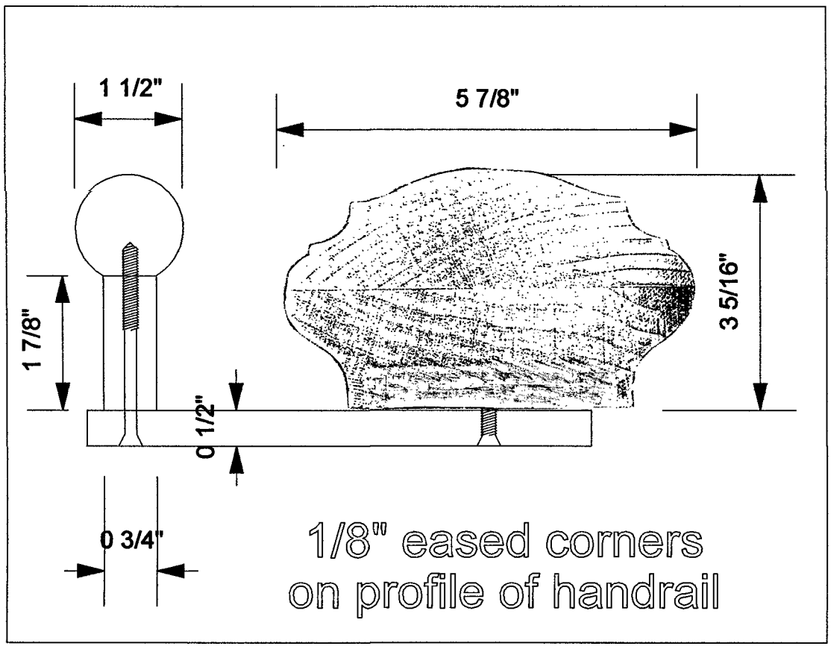
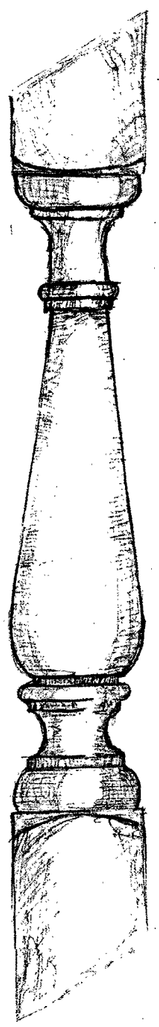


15 D-11 Finial for starter newel NTS



14 D-11 Handrail and grabrail with bracket shown half size



16 D-11 Typical Baluster NTS

Millwork Joinery for Carter	
SCALE: Varies	DWG. NO. D-12
DATE: Apr. 13, 2006	
DRAWN: PCS	

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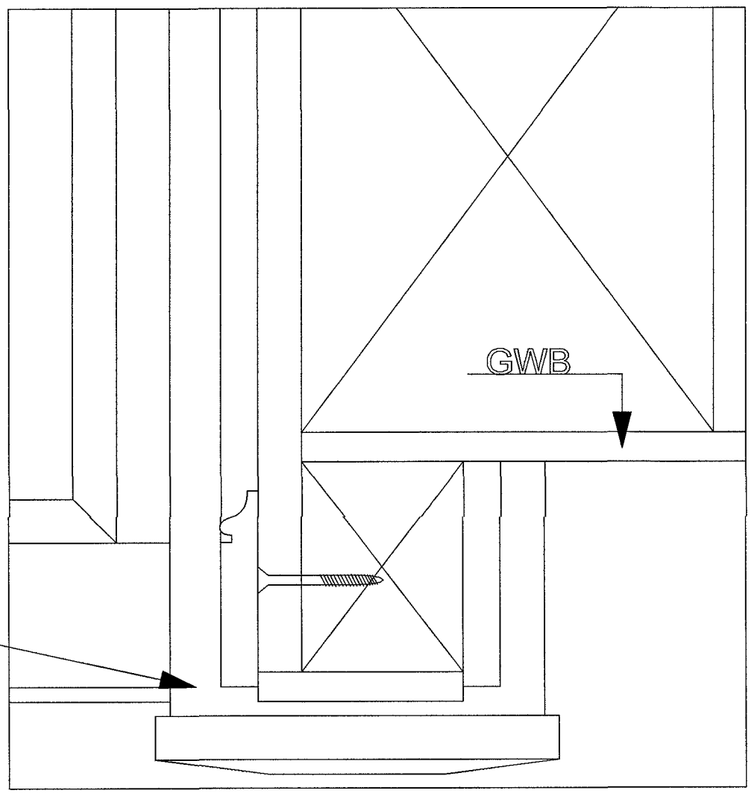
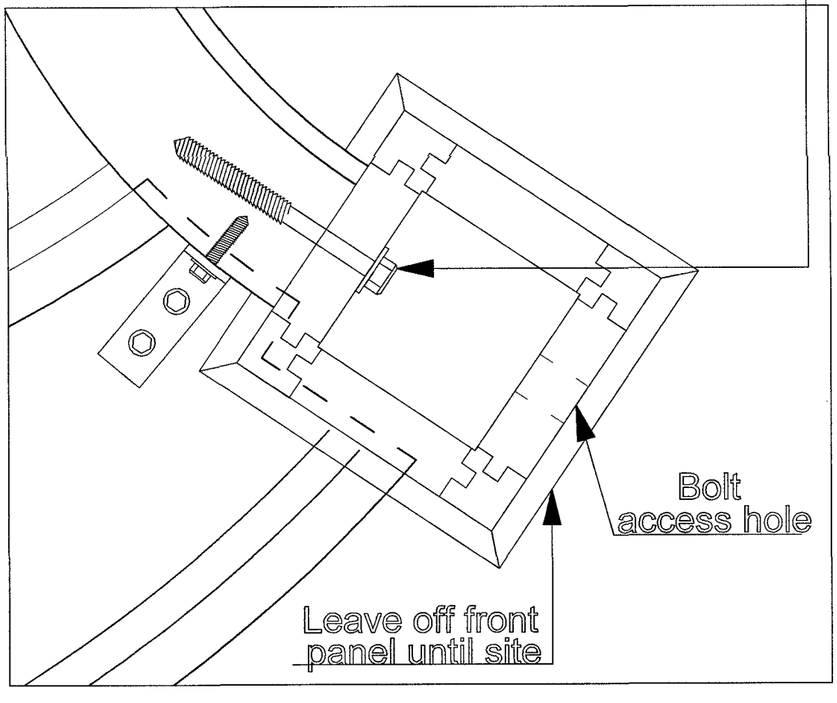
18 / D-12 Ceiling Cap Detail
NTS



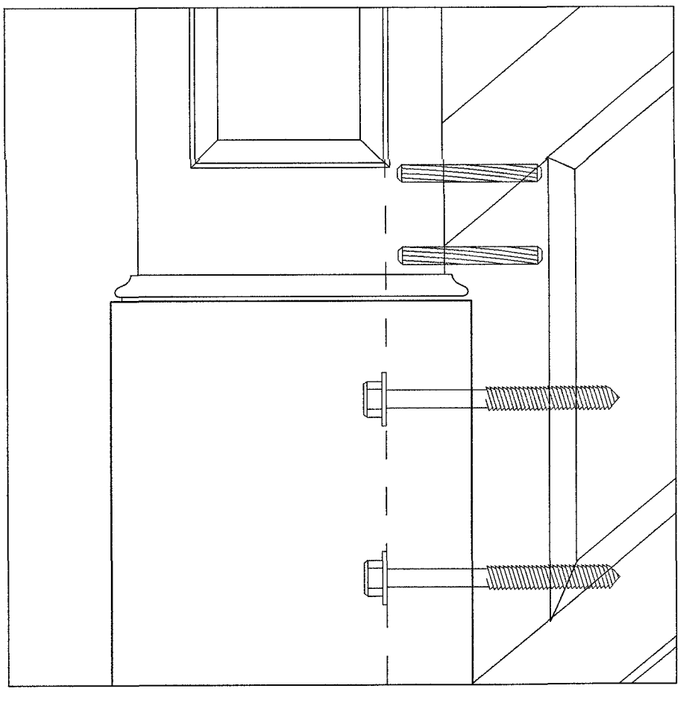
Newel shank from top of balcony continues down the face of the balcony rim. It hangs beyond the underside of the soffit about 4-1/8" (+/-). The newel extension attaches to the exposed shank via tenons or biscuits and the ceiling cap attaches to the end to finish the newel. This gives the appearance that the newel has extended through the balcony.

Variation 2

Stringer butts into main body of newel as the plinth wraps around it. The newel is bolted to the stringer behind the plinth and doweled above the plinth (fig. 17 b) Tread and riser 1 are housed into the starter newel.



17 / D-12 Stringer / Starter Newel Connection
3" = 1'-0"



17b / D-12 Stringer / Starter Newel Connection
3" = 1'-0"