

263 North Main Street
Detached Garage/Workshop Renovation

Architectural & Historic Board of Review Submittal Packet

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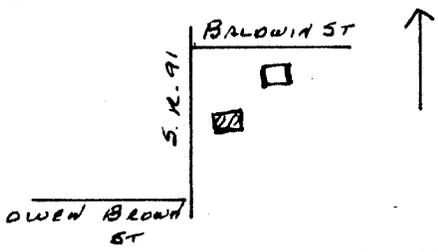
Page 37-44: Garage Door Information

Page 45-53: Roof Specs

OHIO HISTORIC INVENTORY

Ohio Historic Preservation Office
Ohio Historical Center
Columbus, Ohio 43211

1. No.	4. Present Name(s) Residence, James Hill
2. County Summit	5. Other Name(s)
3. Location of Negatives HHA 45-21; 48-10	

6. Specific Location 263 North Main Street	16. Thematic Category C	28. No. of Stories 2½
	17. Date(s) or Period c. 1893	29. Basement? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
7. City or Town If Rural, Township & Vicinity Hudson	18. Style or Design Queen Anne	30. Foundation Material sandstone/concrete blk
8. Site Plan with North Arrow 	19. Architect or Engineer	31. Wall Construction wood frame
	20. Contractor or Builder	32. Roof Type & Material hipped - slate
9. Coordinates Lat. _____ Long. _____ U.T.M. Reference 17 463 122 452 57 25	21. Original Use, if apparent residence	33. No. of Bays Front 5 Side 4
10. Site Building <input checked="" type="checkbox"/> Structure <input type="checkbox"/> Object <input type="checkbox"/>	22. Present Use residence	34. Wall Treatment beveled siding
	23. Ownership Public <input type="checkbox"/> Private <input checked="" type="checkbox"/>	24. Owner's Name & Address, if known James Hill 263 North Main Street Hudson, Ohio 44236
11. National Register? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	25. Open to Public? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	35. Plan Shape rect
12. Is It Eligible? Yes <input type="checkbox"/> No <input type="checkbox"/>	26. Local Contact Person or Organization Hudson Heritage Association	36. Changes (Explain in #42) Addition <input type="checkbox"/> Altered <input type="checkbox"/> Moved <input type="checkbox"/>
13. Part of Estab. Hist. Dist.? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	27. Other Surveys in Which Included	37. Condition Interior _____ Exterior good
14. District Potent'l? Yes <input type="checkbox"/> No <input type="checkbox"/>		38. Preservation Underway? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
15. Name of Established District Hudson Historic District		39. Endangered? By What? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		40. Visible from Public Road? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		41. Distance from and Frontage on Road 20' 75'

42. Further Description of Important Features Hipped roof, lower cross gables; center chimney; gabled dormer at roof peak with two small windows; Front facade full height tower with conical roof; wraparound porch, with turret, gable, round pillar supports; spindlework balustrade; patterned siding; plain windows.	Photo
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------

*endangered by proposed widening of S. R. 91 through center of village.

43. History and Significance Goods. Built by Henry Wehner, early Hudson merchant, Wehner and Marrott, Dry Goods.

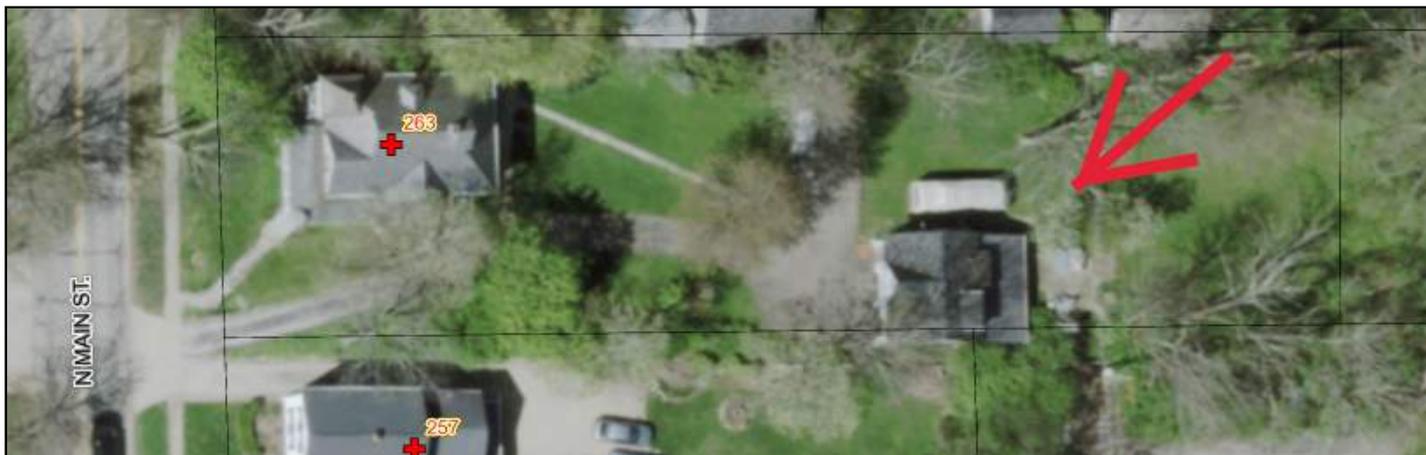
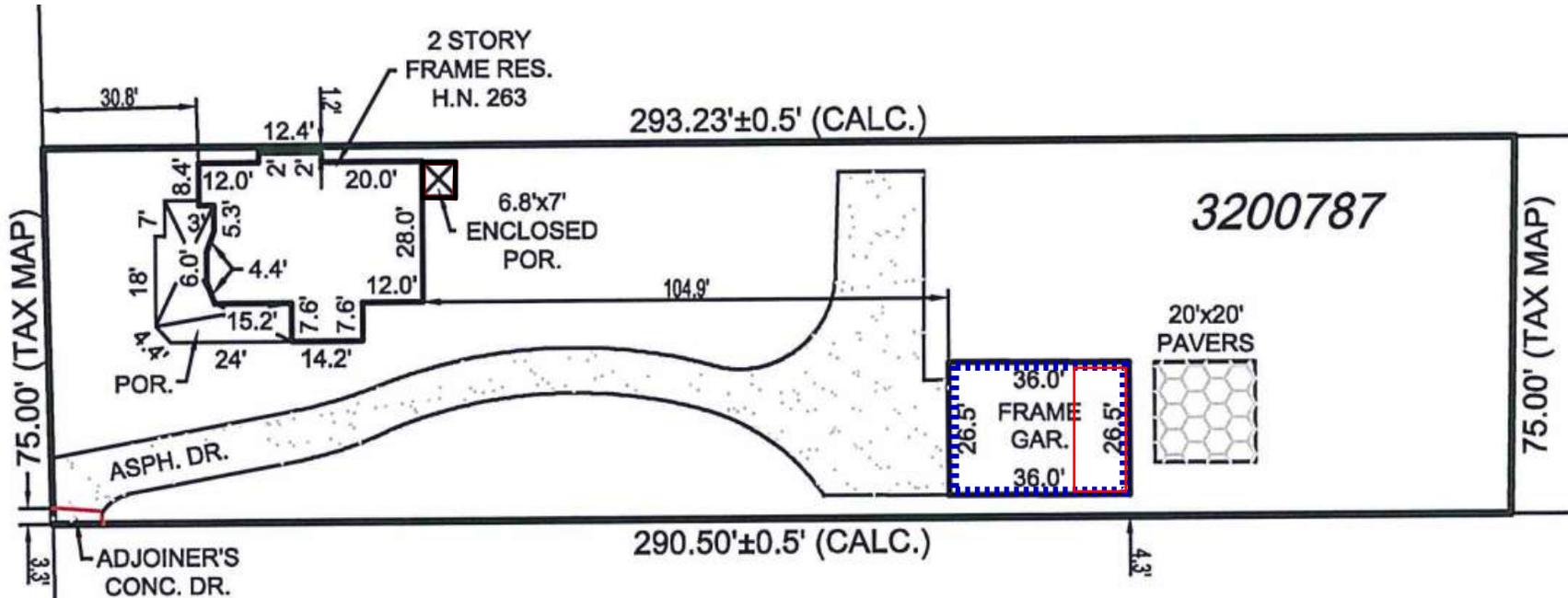
44. Description of Environment and Outbuildings Old barn, used as garage, gable roof with centered gable; diamond shaped windows in gables, flush siding, brick faced foundation, windows added. Residential area, heavy traffic.

45. Sources of Information Summit County Tax Assessment records Personal inspection	46. Prepared by L Newkirk, F Barlow
	47. Organization HHA
	48. Date 49. Revision Date(s)

Summit
Residence - James Hill

Scope of work:

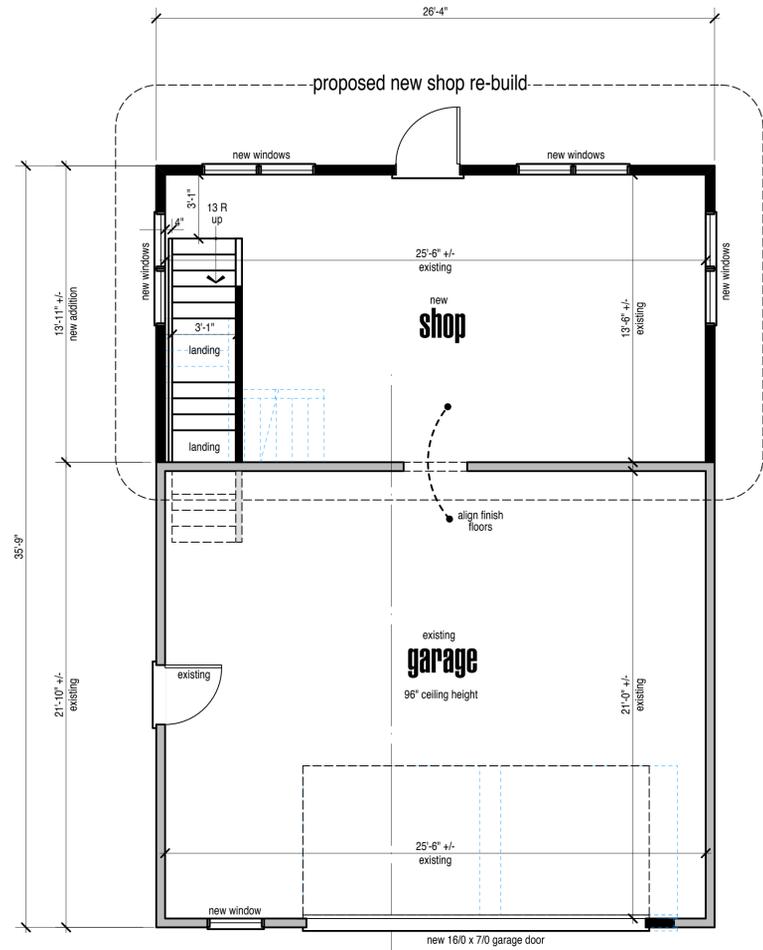
- Rebuild rear garage shop
- Add dormer on rear elevation
- Standing seam metal roof
- Replace garage door



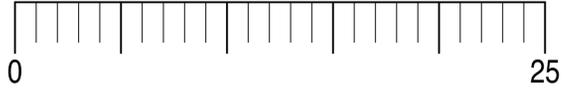
index:
sheet 1 elevations
sheet 2 main floor plan
sheet 3 upper floor plan

Payne & Payne
RENOVATIONS AND DESIGN

Furmick Residence
268 north main street hudson, ohio



main floor plan



C/L dormer above

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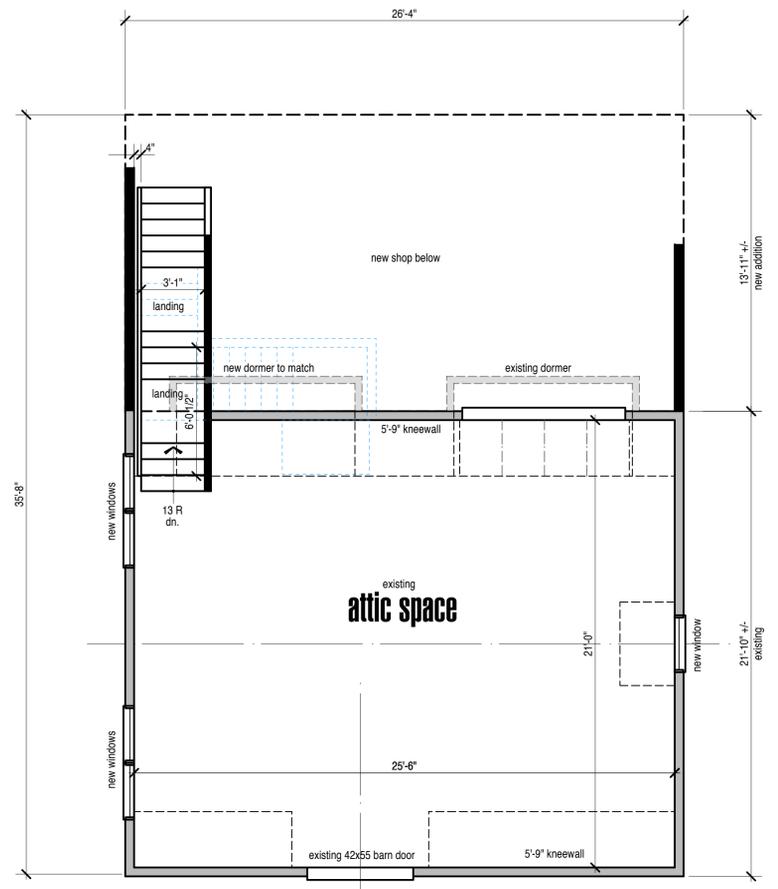
- issued: 05/24/21
- first draft
- progress
- design review
- bid-estimates
- permit
- not for construction
- approval
- revised 07/09/21

sheet:
2

index:
sheet 1 elevations
sheet 2 main floor plan
sheet 3 upper floor plan

Payne & Payne
RENOVATIONS AND DESIGN

Furmick Residence
263 north main street hudson, ohio



upper floor plan

0 25

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- issued: 05/24/21
- first draft
 - progress
 - design review
 - bid-estimates
 - permit
 - not for construction
 - approval
 - revised 07/09/21

sheet:
3

Siding application checklist

- Current siding material: Natural Wood
- New siding material: _____
- Circle: *Removing current siding or going over* (if going over, note the reveal dimensions): _____
- Width of existing siding: _____
- Width of new siding: _____
- Style of new siding (e.g. Dutch lap, clapboard, etc.): _____
- If altering or replacing window and garage trim, please detail:
→ Details to match existing using painted composite materials
- Proposed cornerboard width: → No change from existing
- Circle: *Reset or replace gable vents or* N/A
- Circle: *Reset or replace shutters or N/A* (if replacing shutters provide a spec sheet with style and dimensions)
→ Removing shutters on side of building
- **PHOTOGRAPHS of the property – FULL VIEW** of all four sides of the house

Siding size and lap to match existing. On Garage keeping existing siding, shed on back we are replacing with siding to match existing lap and profile

HOUSE PHOTO EXAMPLES:



Window application checklist

- New window material:
Windsor wood window, same as what is used on the home
- Existing window material:
Wood
- Indicate any windows that will not fit in existing spaces and how patching will be addressed
- Indicate if window trim will be altered or wrapped
 Those that are altered will match the profile and detail of the existing using composite material
- Measurement sheet: Dimension and grid pattern of each window being replaced

MEASURE SHEET EXAMPLE:

WINDOW MEASURE SHEET							
Window #	Width	Height	Window Type	Frame Material	Top sash grid pattern	Bottom sash grid pattern	Notes
1	28"	40"	Single hung	Wood	1V2H	1V2H	
2	28"	40"	Single hung	Wood	1V2H	1V2H	
3	28"	40"	Single hung	Wood	1V2H	1V2H	
4	28"	40"	Single hung	Wood	1V2H	1V2H	

Per Drawings

On the **PHOTOGRAPHS** of the property:

*Please see window spec sheets below - would like to replace all windows except diamond shaped ones.

- **FULL VIEW** of all four sides of the house
- Circle the windows that are being replaced and number with the corresponding *measure sheet*

PHOTO EXAMPLES:









1



3



2



1
2
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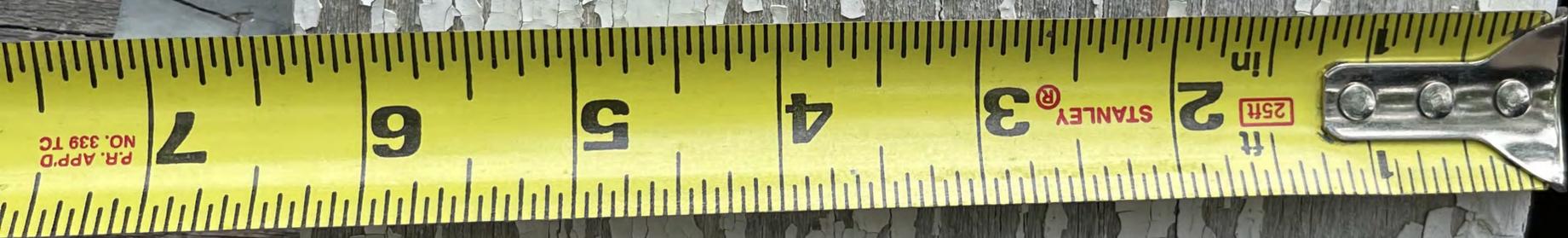
ft
in

25ft

STANLEY®

PR. APP'D
NO. 339 TC

THE WORK



P.R. App'D
NO. 339 TC

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3 STANLEY®

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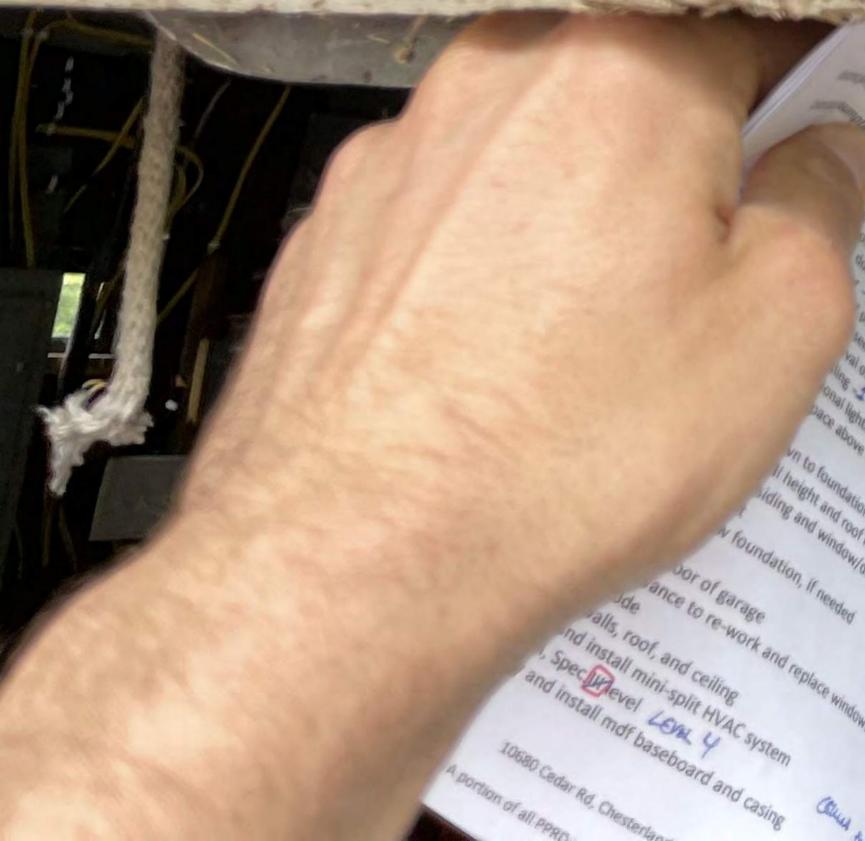
1

1

1







Project Summary
 The General Contract
 123 Street, New St
 Westchester, NY 10591

Right side elevation

Handwritten notes:
 100% HCL
 4x4 posts to 10' high
 2x4 studs
 2x6 studs
 2x8 studs
 2x10 studs
 2x12 studs
 2x14 studs
 2x16 studs
 2x18 studs
 2x20 studs
 2x22 studs
 2x24 studs
 2x26 studs
 2x28 studs
 2x30 studs
 2x32 studs
 2x34 studs
 2x36 studs
 2x38 studs
 2x40 studs
 2x42 studs
 2x44 studs
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 2x50 studs
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 2x54 studs
 2x56 studs
 2x58 studs
 2x60 studs
 2x62 studs
 2x64 studs
 2x66 studs
 2x68 studs
 2x70 studs
 2x72 studs
 2x74 studs
 2x76 studs
 2x78 studs
 2x80 studs
 2x82 studs
 2x84 studs
 2x86 studs
 2x88 studs
 2x90 studs
 2x92 studs
 2x94 studs
 2x96 studs
 2x98 studs
 2x100 studs

Payne & Payne
 ARCHITECTS & DESIGNERS







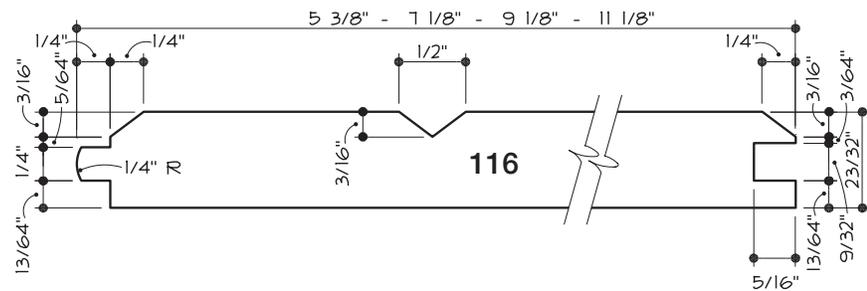
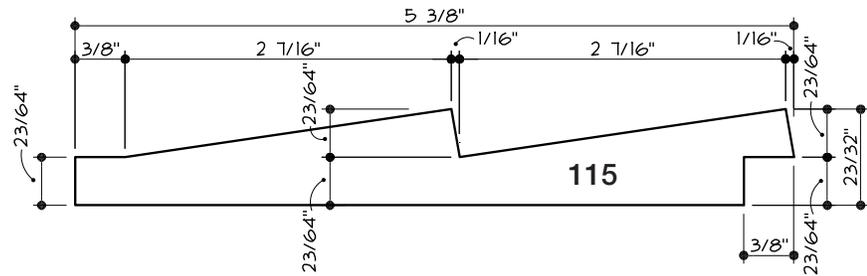
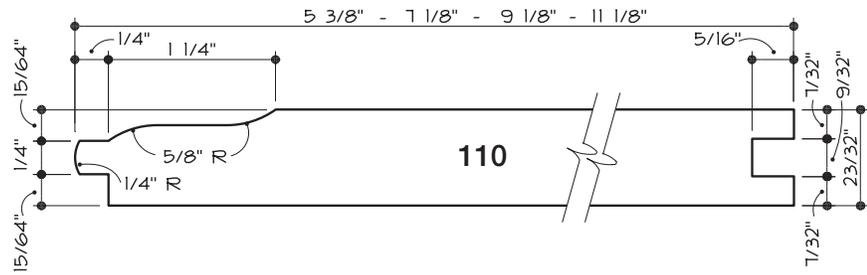
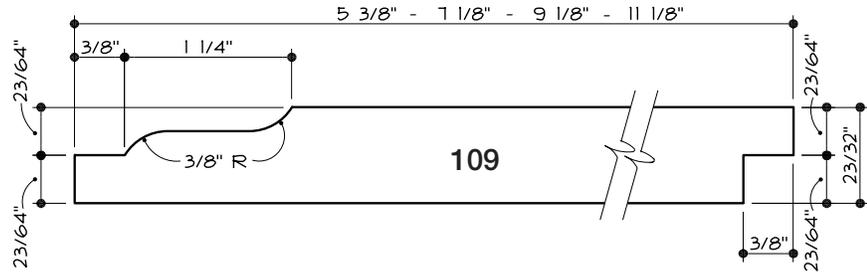
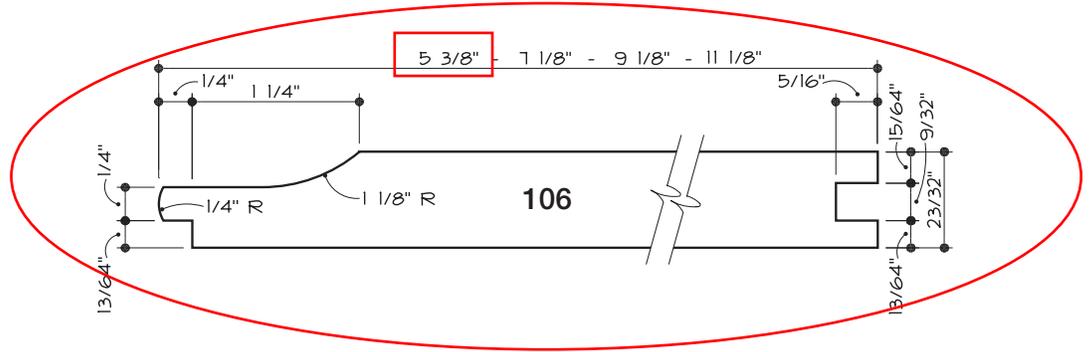








Siding



SBCLive Quote Form - Rolled Totals



Progressive Building Supply
9911 E. Washington St.
Chagrin Falls OH 44023
440-543-1060



Project Information (ID #5113142 Revision #8238137) [Hide](#)

Dealer & Store ID: 71525-0
Customer:
Contact Name:
Phone (Main):
Email: mikez@pbsbuild.com
PO #:
Job Name:

Quote/Order Date: 6/22/2021
Requested Delivery Date:
Must Ship Complete:
OK to Backorder:
Sales Rep Name: Mike Zembower
Ship Method:
Ship to Other Than Store:

Delivery Information [Hide](#)

Shipping Contact:
Shipping Address:
City:
State:
Zip:

Comments:

Unit Detail [Hide All Configuration Options](#)

Item: 0001: 3' 0" x 6' 8" 2664-010-C-X Single Door

Location:

Quantity: 1



3' 0" x 6' 8" 2664-010-C-X Single Door

Configuration Options [Hide](#)

- **Product Category:** Exterior Doors
- **Manufacturer:** Shuster's Building Components - Exterior
- **Collection:** Flush Glazed
- **Configuration:** Single Door
- **Rectangular IG Transom:** None
- **Material:** Fiberglass Smooth
- **Slab Width:** 3' 0"
- **Slab Height:** 6' 8"
- **Actual Width:** 3' 1 1/2"

- **Actual Height:** 6' 10"
- **Rough Opening Width:** 3' 2"
- **Rough Opening Height:** 6' 10 1/2"
- **Door Style:** Full Lite
- **Glass Type:** Clear Glass (010)
- **Door Grille Type:** No Grilles
- **Door Lite Frame:** Traditional
- **Model:** 2664-010-C-X
- **Handing:** Right Hand Inswing
- **Jamb Width:** 4 9/16"
- **Jamb Type:** Beast No-Rot
- **Aluminum Cladding:** No
- **Brickmold Application:** No Brickmold
- **Exterior Panel(s) Finish Type:** Unfinished
- **Exterior Jamb Finish Type:** Unfinished
- **Interior Panel(s) Finish Type:** Unfinished
- **Interior Jamb Finish Type:** Unfinished
- **(4") Hinge Type:** NRP
- **Hinge Finish:** US15 - Brushed Nickel
- **Bore:** Double 2 3/4" Prep 225
- **Dead Bolt Strike Prep:** 1" Diameter Deep (10-000)
- **Dust Box/Security Plate:** No
- **Sill Type:** U-Adjust
- **Sill Size:** 5 5/8"
- **Sill Finish:** Bronze
- **Sweep:** U-Adjust
- **Sill Pan:** No Sill Pan (Not Recommended)
- **Kick Plate (Exterior):** None
- **Push/Pull Plate:** None
- **Weatherstrip Color:** Bronze

Unit Summary

[Hide](#)

Item	Description	Quantity
0001	3' 0" x 6' 8" 2664-010-C-X Single Door	1

Project Adjustments

SUBMITTED BY: _____
 ACCEPTED BY: _____



PROGRESSIVE BUILDING SUPPLY

9911 WASHINGTON ST

CHAGRIN FALLS

OH 44023

Phone: 440-543-1060

Fax: 440-543-1049

Customer Quote

Short Form

QUOTE EXPIRES

6/21/2021

QUOTE DATE

Quote Not Ordered

BID BY

PRICE BOOK

Price Book 2021

CREATED

6/21/2021

mikez@pbsbuild.com

PK # 277

Customer Information:

Phone:

Fax:

Delivery Information:

Phone:

Fax:

QUOTE #

2091894

STATUS

None

CUSTOMER PO#

DATE PRINTED

6/22/2021 8:29 AM

CUSTOMER JOB NAME

TERMS

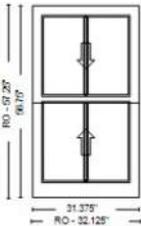
QUOTE NAME

PROJECT NAME

PAYNE & PAYNE RENOVATION

PPR-FURMICK RESIDENCE (EXIST)

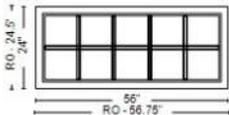
Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
100	FRONT	32 1/8" X 57 1/4"	31.375" X 56.75"		1	



Pinnacle Clad White Double Hung 2624-1 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: FRONT)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 59)

* Units viewed from exterior.

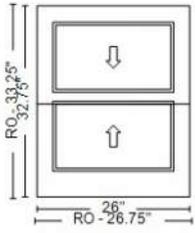
Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
200	FRONT-GABLE	56 3/4" X 24 1/2"	56" X 24"		1	



Pinnacle Clad White Casement Picture XXXX-1 Complete Unit S LoE2 IG 4-9/16 Jamb Ext (Room ID: FRONT-GABLE)(2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional)(FD: 56 x 24)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(7/8" Putty WDL Tall w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 5W2H)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.31)(VT: 0.52)(CR: 59)

* Units viewed from exterior.

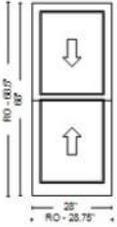
Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
300	RIGHT	26 3/4" X 33 1/4"	26" X 32.75"		2	



Pinnacle Clad White Double Hung XXXX-1 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: RIGHT)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(FD: 26 x 32.75)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data: (U-Value: 0.31)(SHGC: 0.3)(VT: 0.51)(CR: 59)

* Units viewed from exterior.

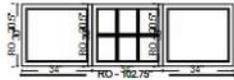
Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
400	RIGHT GABLE	28 3/4" X 68 1/2"	28" X 68"		1	



Pinnacle Clad White Double Hung XXXX-1 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: RIGHT GABLE)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(FD: 28 x 68)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data: (U-Value: 0.31)(SHGC: 0.3)(VT: 0.51)(CR: 59)

* Units viewed from exterior.

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
500	REAR-DORMER	102 3/4" X 30 1/2"	102" X 30"		1	



(A1) DCSP CustomCustom - (A2) DCSP CustomCustom - (A3) DCSP CustomCustom - Standard Mulls

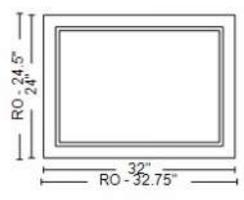
(A1)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (Room ID: REAR-DORMER)(2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional)(FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.34)(VT: 0.58)(CR: 59)

(A2)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (Room ID: REAR-DORMER)(2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional)(FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(7/8" Putty WDL Tall w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 3W2H)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.31)(VT: 0.52)(CR: 59)

(A3)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (Room ID: REAR-DORMER)(2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional)(FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.34)(VT: 0.58)(CR: 59)

* Units viewed from exterior.

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
600	LEFT GABLE	32 3/4" X 24 1/2"	32" X 24"		4	



Pinnacle Clad White Casement Picture XXXX-1 Complete Unit S LoE2 IG 4-9/16 Jamb Ext (Room ID: LEFT GABLE)(2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee) (Interior Stops: Traditional)(FD: 32 x 24)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.34)(VT: 0.58) (CR: 59)

* Units viewed from exterior.

Quote Comments:

Disclaimer:



PROGRESSIVE BUILDING SUPPLY

9911 WASHINGTON ST

CHAGRIN FALLS

OH 44023

Phone: 440-543-1060

Fax: 440-543-1049

Customer Quote

Short Form

QUOTE EXPIRES

N/A

QUOTE DATE

Quote Not Ordered

BID BY

PRICE BOOK

Price Book 2021

CREATED

6/21/2021

mikez@pbsbuild.com

PK # 277

Customer Information:

Phone:

Fax:

Delivery Information:

Phone:

Fax:

QUOTE #

STATUS

CUSTOMER PO#

DATE PRINTED

2091881

None

6/22/2021 8:27 AM

CUSTOMER JOB NAME

TERMS

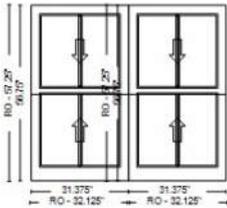
QUOTE NAME

PROJECT NAME

PAYNE & PAYNE RENOVATION

PPR-FURMICK RESIDENCE

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
100	FRONT	63 1/2" X 57 1/4"	62.75" X 56.75"		1	



* Units viewed from exterior.

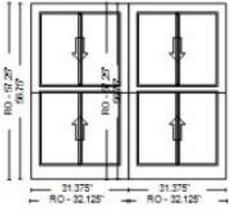
(A1) DDH 2624 - (A2) DDH 2624 - Standard Mulls

(A1)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: FRONT)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 59)

(A2)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: FRONT)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 59)

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
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200 REAR 63 1/2" X 57 1/4" 62.75" X 56.75" 2



* Units viewed from exterior.

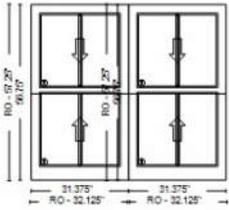
(A1) DDH 2624 - (A2) DDH 2624 - Standard Mulls

(A1)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: REAR)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 59)

(A2)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: REAR)(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 59)

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
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300 LEFT-STAIRS (TEMP) 63 1/2" X 57 1/4" 62.75" X 56.75" 1



* Units viewed from exterior.

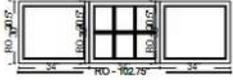
(A1) DDH 2624 - (A2) DDH 2624 - Standard Mulls

(A1)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: LEFT-STAIRS (TEMP))(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(Tempered Glass)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 58)

(A2)-Pinnacle Clad White Double Hung 2624 Complete Unit LoE2 IG 4-9/16 Jamb Ext (Room ID: LEFT-STAIRS (TEMP))(2604 Powder)(Setup (Standard))(Concealed Jambliner)(Glass Stop Profile: Ogee)(Callout:2-6 x 4-6)(Pine Species)(Primer Int. Finish)(Grey Spacer)(Tempered Glass)(No Finger Pulls)(White Hardware)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(7/8" Putty WDL Short w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 2W1H/2W1H)(White Screen - Not Applied)(BetterVue)(Energy Star: No Zones Met)(LC-PG35-H) Performance Data:(U-Value: 0.31)(SHGC: 0.27)(VT: 0.45)(CR: 58)

Line #	Room ID	Overall RO	Overall Frame	Price	Qty	Extended
400	None Assigned	102 3/4" X 30 1/2"	102" X 30"		1	

(A1) DCSP Custom26 - (A2) DCSP Custom26 - (A3) DCSP Custom26 - Standard Mulls



(A1)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional) (FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.34)(VT: 0.58)(CR: 59)

* Units viewed from exterior.

(A2)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional) (FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(7/8" Putty WDL Tall w/Inner Bar)(Ogee WDL Interior Profile)(Colonial Pattern 3W2H)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.31)(VT: 0.52)(CR: 59)

(A3)-Pinnacle Clad White Casement Picture XXXX Complete Unit S LoE2 IG 4-9/16 Jamb Ext (2604 Powder)(Setup (Standard))(Glass Stop Profile: Ogee)(Interior Stops: Traditional) (FD: 34 x 30)(Pine Species)(Primer Int. Finish)(Grey Spacer)(No Brickmould)(Flexible Nail Fin)(Rigid Drip Cap)(Full Width Jamb)(Energy Star: Meets in NC, N Zones)(CW-PG40-FW) Performance Data:(U-Value: 0.27)(SHGC: 0.34)(VT: 0.58)(CR: 59)

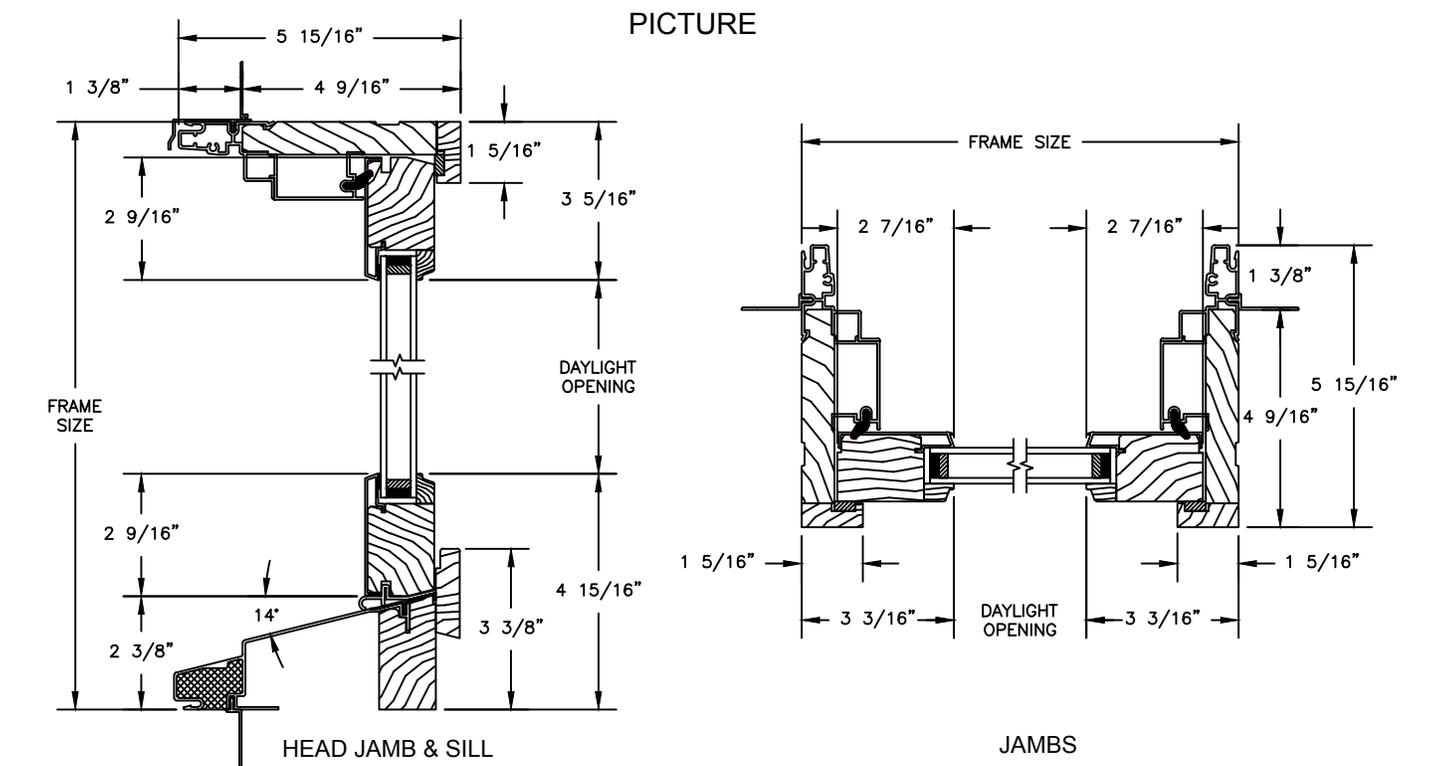
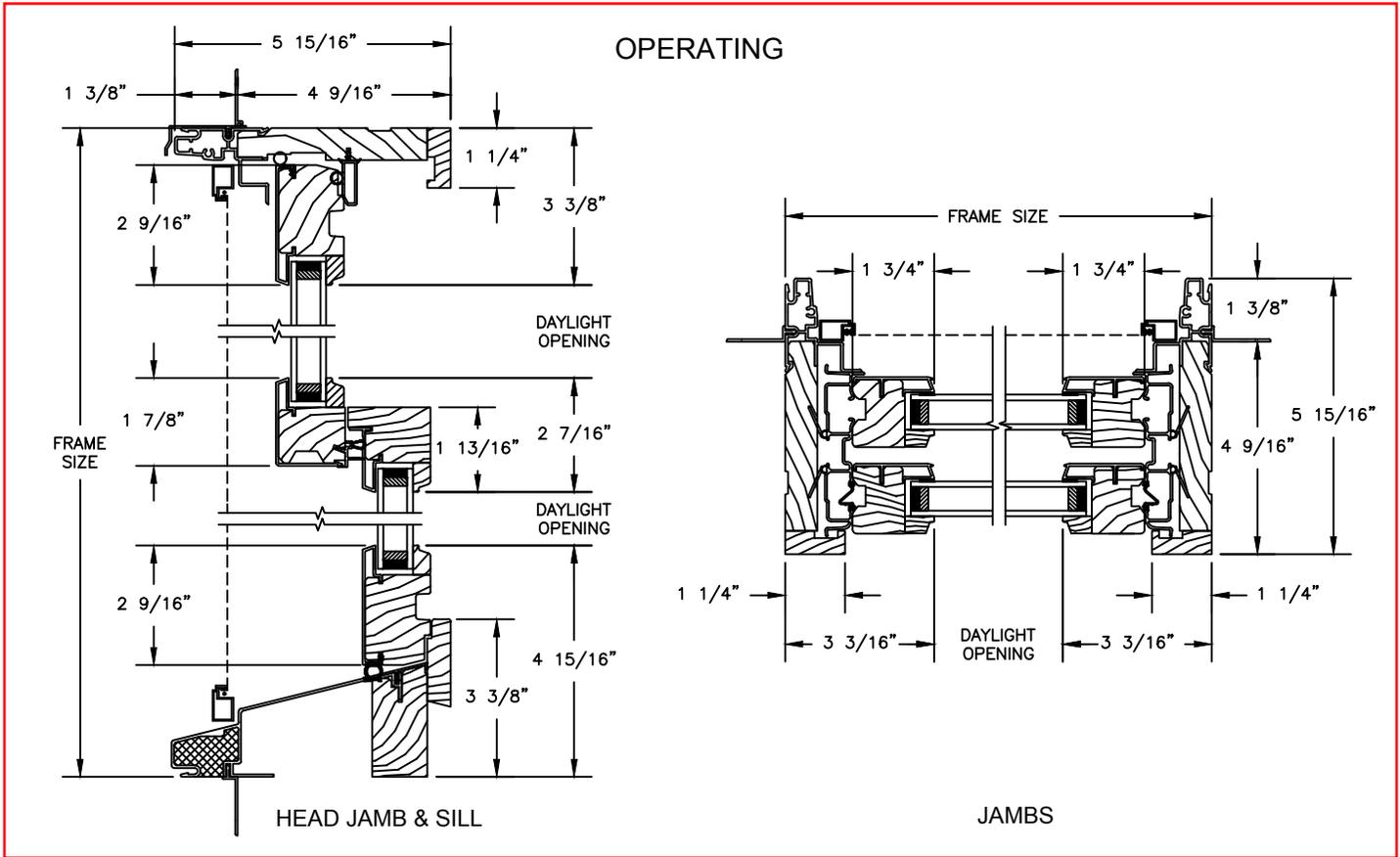
Quote Comments:

Disclaimer:

Pinnacle Series

CLAD DOUBLE HUNG

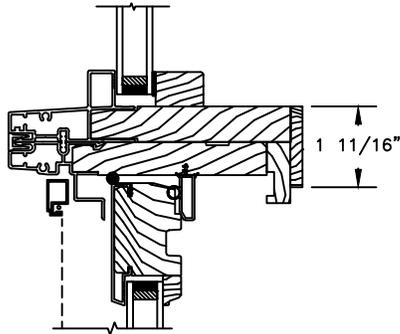
SECTION DETAILS : OPERATING / PICTURE
 SCALE: 3" = 1'-0"



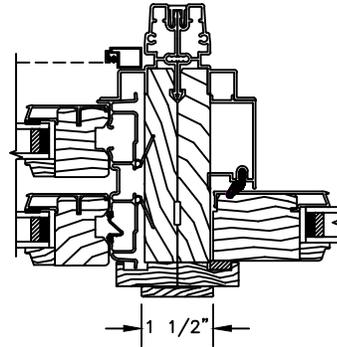
Pinnacle Series

CLAD DOUBLE HUNG

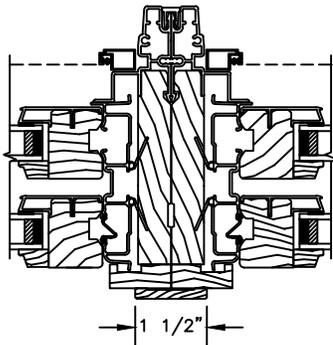
SECTION DETAILS : MULLIONS
 SCALE: 3" = 1'-0"



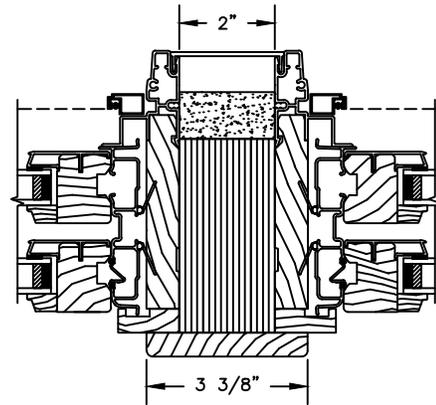
HORIZONTAL MULLION
 RADIUS/OPERATOR



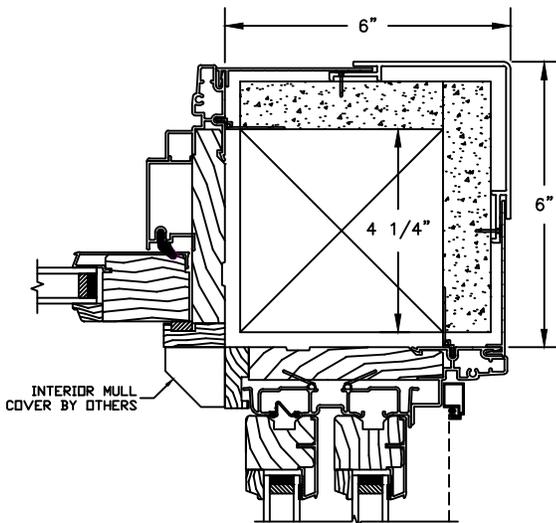
VERTICAL MULLION
 OPERATOR/PICTURE



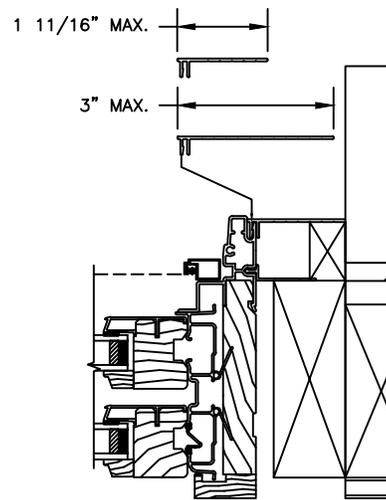
VERTICAL MULLION
 OPERATOR/OPERATOR



VERTICAL MULLION WITH
 2" SPREAD MULL
 ADDITIONAL WIDTHS INCLUDE:
 1", 2", 2 1/2", 3", & 4"



90° MULLION
 PICTURE/OPERATOR
 (ONLY USED WITH 4 9/16" JAMB & 3 1/4"
 FRAME EXPANDER)



NOTE:
 FOR INFORMATION ON STRUCTURAL MULLIONS REFER TO
 THE PRODUCT PERFORMANCE AND INFORMATION SECTION.

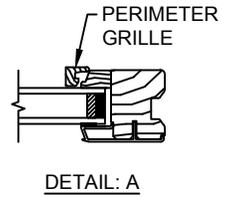
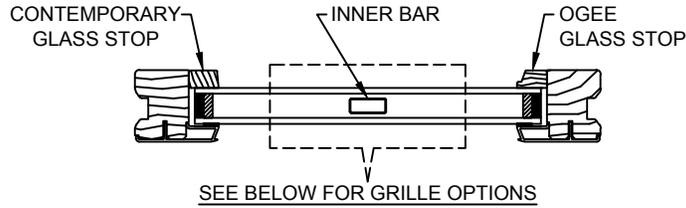
Pinnacle Series

CLAD DOUBLE HUNG

SECTION DETAILS : DIVIDED LITE OPTIONS
 SCALE: 3" = 1'-0"

AVAILABLE STYLES

-  - PUTTY
-  - OGEE
-  - CONTEMPORARY



	5/8" WDL WITH INNER BAR	7/8" WDL WITH INNER BAR	1 1/4" WDL WITH INNER BAR	2" WDL WITH INNER BAR
STANDARD INSULATING GLASS				
13/16" INNERGRILLE				
3/4" PROFILED INNERGRILLE				
1" PROFILED INNERGRILLE				
7/8" STICK GRILLE				
1 1/4" STICK GRILLE				

NOTE:
 * ALL WDL OPTIONS CAN BE ORDERED WITH OR WITHOUT INNER BAR
 * PERIMETER GRILLES ONLY AVAILABLE IN THE 7/8" AND 1 1/4" OGEE STYLE GLASS STOP (SEE DETAIL: A)

**Wayne
Dalton**
GARAGE DOORS

7000

SERIES

CARRIAGE HOUSE WOOD



Custom wood, Custom stained finish, Custom windows



stunning handcrafted wood doors

Architectural details for homes of distinction.

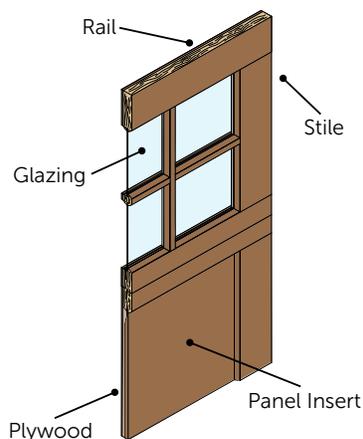
Wayne Dalton's wood doors combine the convenience of modern sectional doors with the classic appearance of swing-open carriage house style wood doors. Our Amish craftsmen in Mt. Hope, Ohio, and our wood artisans in Centralia, Washington, hand-build beautiful wood doors to your specification with thorough attention to every detail.

As one of the largest makers of wood garage doors, we make a point to be involved in the complete life cycle of every wood door. We offer several premium wood options for our doors to enhance the overall beauty and ensure the highest quality.

No matter what type of wood you choose, the result is a fine quality, beautiful wood door that will yield many years of reliable performance. Hemlock makes a superb painting surface. Cedar is an excellent exterior grade material, highly resistant to rot and insects. Mahogany has a tight smooth grain and is naturally weather resistant. Since each type of wood is different, your door will be uniquely yours.

DOOR CONSTRUCTION

STANDARD CONSTRUCTION

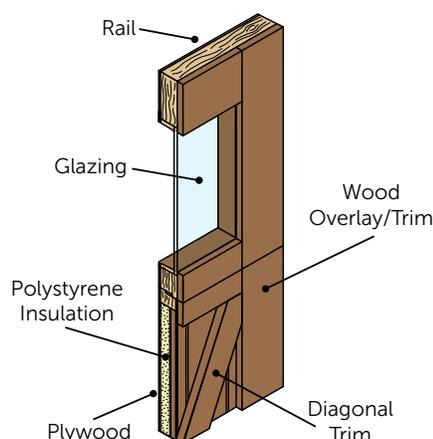


Models 7100-7105

Paint or stain grade, insulation optional.

Up to 1-5/8" thick rail and stile construction with panel inserts.

PREMIUM CONSTRUCTION



Models 7400-7412

Paint or stain grade, insulation standard.

2" four-layer construction.* Polystyrene insulation provides an R-value of up to 4.75.

*Thickness may vary slightly depending on wood type

Wood Species

Painted to match existing doors

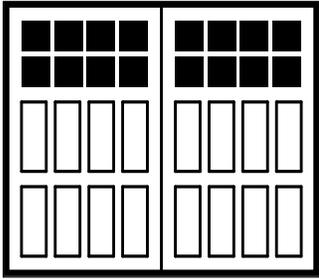
	STAIN-GRADE					
	Western Red Cedar	Hemlock	Sapele Mahogany	Meranti	Douglas Fir	Knotty Cedar
Doors provided in unfinished, paint-grade or stain-grade wood.						
Strength and stability	★★★★★	★★★★★	★★★	★★★	★★★★★	★★
Wood grain	Vertical or tight knot grain	Vertical grain	Interlocking grain	Flat grain	Vertical grain	Tight grain
PREMIUM CONSTRUCTION						
Craftsman Collection						
7405 Remington	Optional	Optional	Not available	Not available	Not available	Not available
7406 Belterra	Optional	Optional	Not available	Not available	Not available	Not available
Equestrian Collection						
7411 Belmont	Optional	Optional	Optional	Optional	Optional	Optional
7412 Derby	Optional	Optional	Optional	Optional	Optional	Optional
7410 Saratoga	Optional	Optional	Optional	Optional	Optional	Optional
Colonial Collection						
7400 DelMar	Optional	Optional	Optional	Optional	Optional	Optional
7401 Preakness	Optional	Optional	Optional	Optional	Optional	Optional
7402 Churchill	Optional	Optional	Optional	Optional	Optional	Optional
STANDARD CONSTRUCTION						
Craftsman Collection						
7104 Palomino Narrow	Not available	Not available	Not available	Not available	Not available	Not available
7104 Palomino Wide	Not available	Not available	Not available	Not available	Not available	Not available
7105 Stallion Narrow	Optional	Optional	Optional	Not available	Not available	Not available
7105 Stallion Wide	Optional	Optional	Optional	Not available	Not available	Not available
Equestrian Collection						
7101 Clydesdale	Not available	Not available	Not available	Not available	Not available	Not available
7102 Appaloosa	Not available	Not available	Not available	Not available	Not available	Not available
Colonial Collection						
7103 Mustang	Optional	Optional	Optional	Not available	Not available	Not available

Paint-grade Medium Density Overlay (MDO) also available.
 Contact your Wayne Dalton Dealer for details and to see samples of wood options.

Craftsman Collection

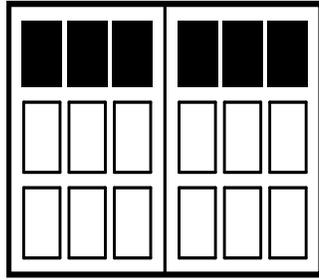
STANDARD CONSTRUCTION

Model 7104 Palomino Narrow



Narrow Panels

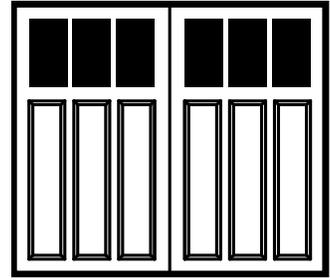
Model 7104 Palomino Wide



Wide Panels

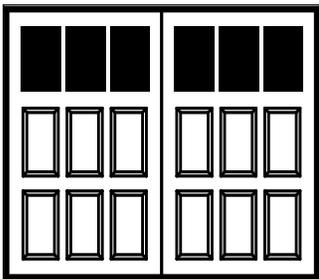
PREMIUM CONSTRUCTION

Model 7405 Remington



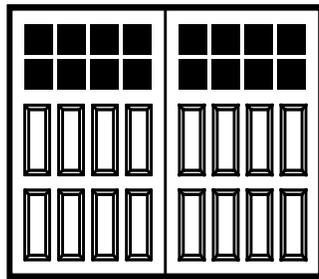
Wide Panels

Model 7105 Stallion Wide



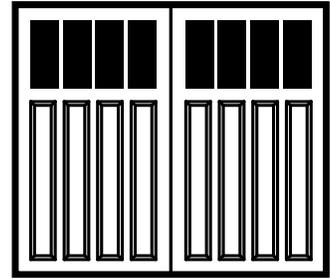
Wide Panels

Model 7105 Stallion Narrow



Narrow Panels

Model 7406 Belterra

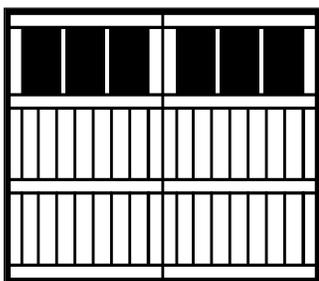


Narrow Panels

Colonial Collection

STANDARD CONSTRUCTION

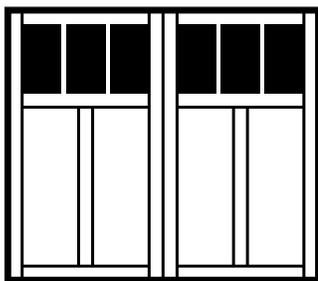
Model 7103 Mustang



Grooved Panel

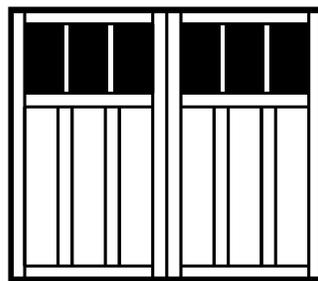
PREMIUM CONSTRUCTION

Model 7400 DelMar



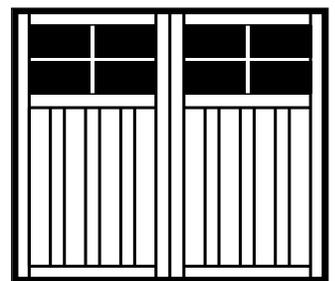
Raised Stiles

Model 7401 Preakness



Raised Stiles

Model 7402 Churchill



Raised Stiles

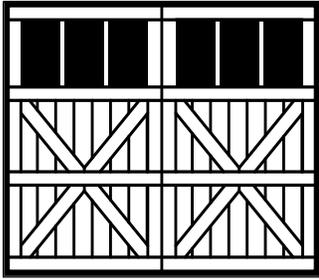


7104 Palomino Wide, Custom stained finish, 6 Lite Square windows (single door), 12 Lite Square windows (double door)

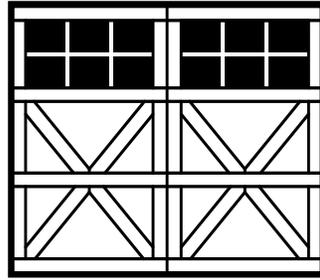
Equestrian Collection

STANDARD CONSTRUCTION (Insulation Optional)

Model 7101 Clydesdale Grooved Model 7101 Clydesdale

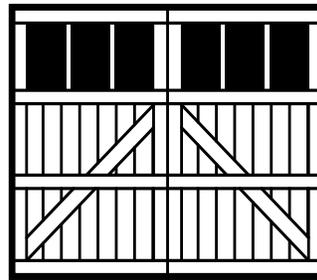


Cross-buck Panel / Grooved



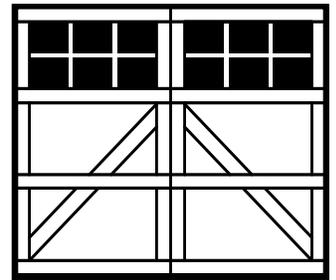
Cross-buck Panel

Model 7102 Appaloosa Grooved



Diagonal Panel / Grooved

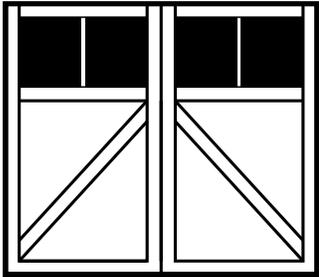
Model 7102 Appaloosa



Diagonal Panel

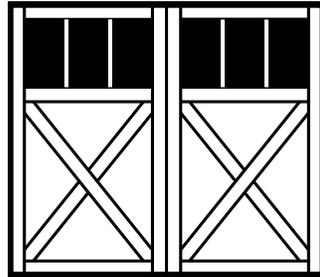
PREMIUM CONSTRUCTION (Insulation Standard)

Model 7410 Saratoga



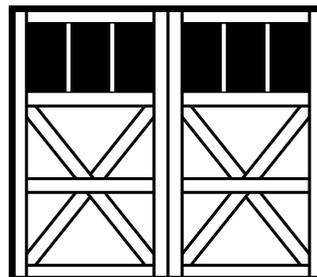
Diagonal Panel

Model 7411 Belmont

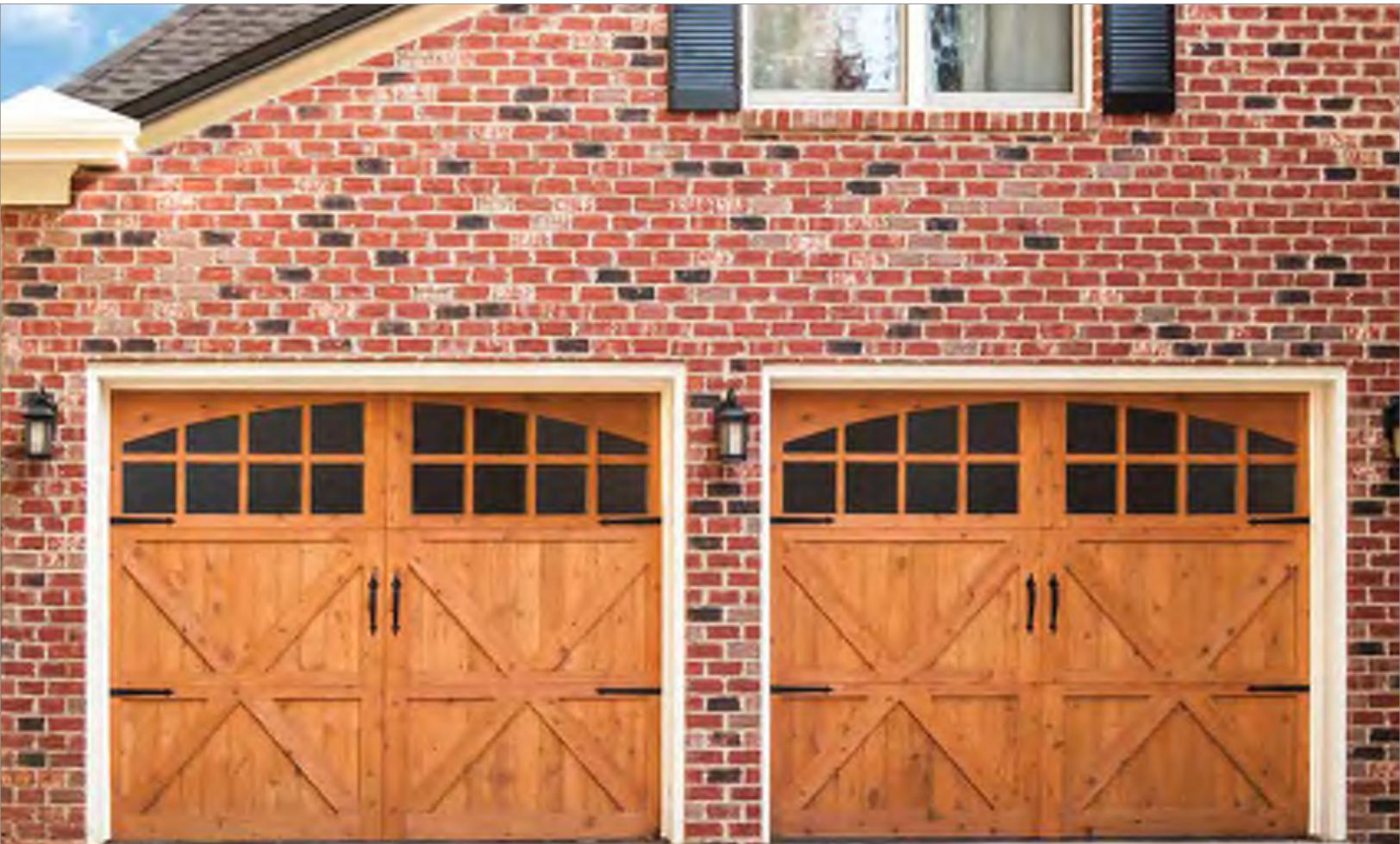


Cross-buck Panel

Model 7412 Derby



Cross-buck Panel



7412 Derby, Custom stained finish, 16 Lite Arched windows

Windows

SQUARE TOP

True Vertical Divided



4 Lite (S)
8 Lite (D)



6 Lite (S)
12 Lite (D)



8 Lite (S)
16 Lite (D)

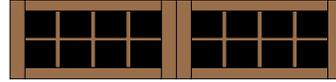
True Cross Divided



8 Lite (S)
16 Lite (D)



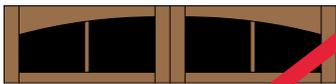
12 Lite (S)
24 Lite (D)



16 Lite (S)
32 Lite (D)

ARCHED TOP

True Vertical Divided



4 Lite (S)
8 Lite (D)



6 Lite (S)
12 Lite (D)



8 Lite (S)
16 Lite (D)

True Cross Divided



8 Lite (S)
16 Lite (D)



12 Lite (S)
24 Lite (D)



16 Lite (S)
32 Lite (D)

(S) = Single Door
(D) = Double Door

GLASS OPTIONS



Clear



Satin Etched



Obscure

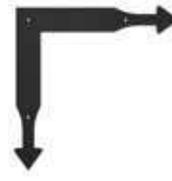
Decorative Hardware



Arrow



Barcelona



Corner hardware is available in all styles, Arrow shown.



Spear



Conifer



Fleur De Lis
Knocker



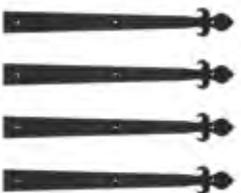
Lion Head
Knocker



Fleur De Lis
Levers



Fleur De Lis
Lift Handle



Fleur De Lis



Aspen



Pyramid
Clavos



Round
Clavos

Custom wood doors

If you can dream it, we can build it.



Custom wood, Custom stained finish, Decorative hardware



Custom wood, Custom stained finish, Custom windows



Custom wood, Custom stained finish



Custom wood, Custom stained finish, Custom windows

Wayne Dalton
GARAGE DOORS

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Lewisville, TX 75067

wayne-dalton.com

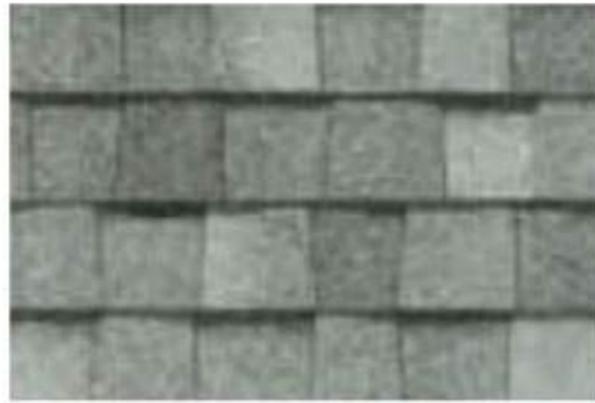


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LANDMARK COLOR PALETTE



Atlantic Blue



Birchwood



Burnt Sienna



Cobblestone Gray



Heather Blend



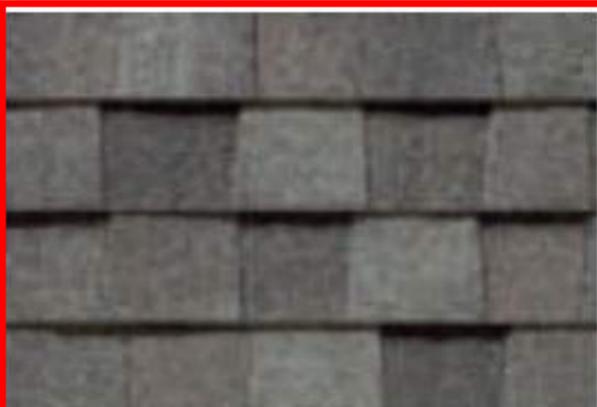
Hunter Green



Mission Brown



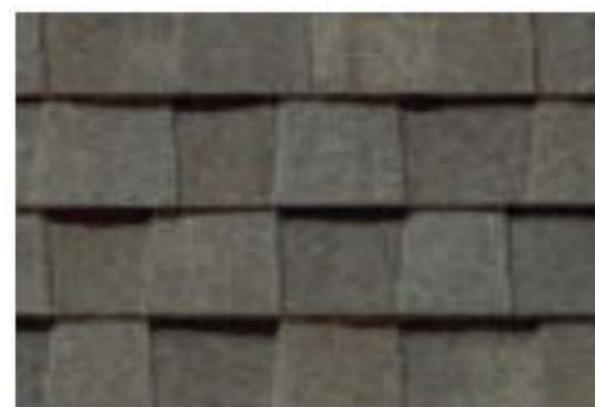
Moire Black



Colonial Slate



Cottage Red



Driftwood



Georgetown Gray



Pewter



Resawn Shake



Silver Birch



Weathered Wood

SECTION 07 31 13

ASPHALT SHINGLES

Display hidden notes to specifier by using "Tools"/"Options"/"View"/"Hidden Text".

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Granule surfaced asphalt shingle roofing.
- B. Moisture shedding underlayment, eaves, valley and ridge protection
- C. Associated metal flashing

1.2 RELATED SECTIONS

- A. Section 06 10 00 – Rough Carpentry: Plywood Roof Sheathing
- B. Section 06 15 00– Wood Decking
- C. Section 07 26 00 – Vapor Retarders
- D. Section 07 13 54 – Sheet Waterproofing.
- E. Section _____ -- _____ : Attic Space Ventilation
- F. Section 07 60 00 – Flashing and Sheet Metal.
- G. Section 08 62 00 – Unit Skylights
- H. Section _____ - _____ : Chimney Flue
- I. Section 07 40 00 – Roofing and Siding Panels: Siding and Roofing
- J. Section 07 72 53 – Snow Guards

1.3 REFERENCES

- A. ASTM A 653/A 653M – Standard Specification for Steel Sheets, Zinc-Coated (Galvanized) or Zinc-Iron-Alloy-Coated (Galvannealed) by the Hot-Dip Process
- B. ASTM B 209 – Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
- C. ASTM B 370 – Standard Specification for Copper Sheet and Strip for Building Construction.
- D. ASTM D 225 – Standard Specification for Asphalt Shingles (Organic Felt) Surfaced with Mineral Granules.
- E. ASTM D 226 – Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
- F. ASTM D 1970 – Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials used as Steep Roofing Underlayment for Ice Dam Protection.
- G. ASTM D 3018 – Standard Specification for Class A Shingles Surfaced with Mineral Granules.
- H. ASTM D 3161 – Standard Test Method for Wind Resistance of Asphalt Shingles (Fan-Induced Method).
- I. ASTM D 3462 – Standard Specification for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules.
- J. ASTM D 4586 – Standard Specification for Asphalt Roof Cement, Asbestos-Free.
- K. ASTM D-4869 – Standard Specification for Asphalt-Saturated Organic Felt Shingle Underlayment Used in Roofing.
- L. ASTM D 6757 – Standard Specification for Inorganic Underlayment for Use

- with Steep Slope Roofing Products.
- M. ASTM D7158 – Standard Test Method for Wind Resistance of Asphalt Shingles (Uplift Force/Uplift Resistance Method)
 - N. ASTM E 108 – Standard Test Methods for Fire Test of Roof Coverings
 - O. ASTM G 21 – Determining Resistance of Synthetic Polymers to Fungi

1.4 1.4 SUBMITTALS

- A. Submit under provisions of Section 01 30 00.
- B. Product Data: Provide manufacturer's printed product information indicating material characteristics, performance criteria and product limitations.
- C. Manufacturer's Installation Instructions: Provide published instructions that indicate preparation required and installation procedures.
- D. Certificate of Compliance: Provide Certificate of Compliance from an independent laboratory indicating that the asphalt fiberglass shingles made in normal production meet or exceed the requirements of the following:
 - 1. ASTM E 108/UL 790 Class A Fire Resistance
 - 2. ASTM D 3161/D 7158/UL 997 Wind Resistance.
 - 3. ASTM D 3462
- E. Shop Drawings: Indicate specially configured metal flashing, jointing methods and locations, fastening methods and locations and installation details as required by project conditions indicated.

1.5 QUALITY ASSURANCE

- A. Installer Minimum Qualifications: Installer shall be licensed or otherwise authorized by all federal, state and local authorities to install all products specified in this section. Installer shall perform work in accordance with NRCA Roofing and Waterproofing Manual. Work shall be acceptable to the asphalt shingle manufacturer.
- B. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
 - 1. Finish areas designated by architect
 - 2. Do not proceed with remaining work until workmanship, color and pattern are approved by Architect.
 - 3. Rework Mock-Up area as required to produce acceptable work.
- C. Pre-Installation Meeting – Conduct a pre-installation meeting at the site prior to commencing work of this section: Require attendance of entities directly concerned with roof installation. Agenda will include:
 - 1. Installation methods and manufacturer's requirements and recommendations
 - 2. Safety procedures
 - 3. Coordination with installation of other work
 - 4. Availability of roofing materials.
 - 5. Extra Material – Furnish under provision of section 01 70 00
 - 6. Provide _____ square feet (_____ square m) of extra shingles of each color specified.
 - 7. Preparation and approval of substrate and penetrations through roof.
 - 8. Other items related to successful execution of work.
 - 9. Product Compliance – Verify that products conform with all requirements specified by local Authority Having Jurisdiction (AHJ).

- D. Maintain one copy of manufacturer's application instructions on the project site.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Store Products in manufacturer's unopened packaging until ready for installation.
- B. Store and dispose of solvent-based materials and materials used with solvent based materials in accordance with requirements of Authorities Having Jurisdiction.
- C. Deliver shingles to site in manufacturer's unopened labeled bundles. Promptly verify quantities and conditions. Immediately remove damaged products from site.

1.7 1.7 PROJECT ENVIRONMENTAL CONDITIONS

- A. Anticipate and observe environmental conditions (temperature, humidity and moisture) within limits recommended by manufacturer for optimum results. Do not install products under environment conditions outside manufacturer's limits.
- B. Take special care when applying WinterGuard Waterproofing Shingle Underlayment and shingles when ambient or wind chill temperature is below 45 degrees F (7 degrees C). Tack WinterGuard in place if it does not adhere immediately to the deck.

1.8 WARRANTY

- A. Manufacturer's Warranty: Furnish shingle manufacturer's warranty for the product listed below:
 - 1. CertainTeed **Landmark AR**: Lifetime limited warranty.
- B. Warranty Supplement: Provide manufacturer's supplemental warranty (CertainTeed's SureStart or SureStart PLUS) to cover labor and materials in the event of a material defect for the following period after completion of application of shingles:
 - 1. First Ten Years (**Landmark AR** Shingles)
 - 2. No SureStart or SureStart PLUS for any shingle applied to inadequately ventilated roof deck.
- C. SureStart PLUS Extended Warranty Protection (can only be provided by a CertainTeed Credentialed Contractor): **Landmark AR** shingles carry:
 - 1. 3-Star Coverage (20 years) material and labor costs for repair or replacement and tear off.
 - 2. 4-Star Coverage (50 years*) material and labor costs for repair or replacement, tear off and disposal costs.
**25 years for premises not used by individual homeowners*
 - 3. 5-Star Coverage (50 years**) material and labor costs for repair or replacement, tear off and disposal costs, and workmanship defects (25 years).
***30 years for premises not used by individual homeowners*
- D. Warranty Transferability Clause: Make available to Owner shingle manufacturer's standard option for transferring warranty to a new owner.
- E. Refer to manufacturer's warranty for adjustments for commercial applications.
- F. Provide Upgraded Wind Warranty from 110 to 130 mph on L AR shingles for first 15 years by complying with all manufacturers' conditions and instructions (see section 2.2-B below).

PART 2 PRODUCTS

2.1 MANUFACTURERS

Acceptable Manufacturer: Provide products manufactured by the CertainTeed Corporation. Contact Sales Support Group, P.O. Box 860, Valley Forge, PA 19482, Toll Free 800-233-8990

- A. Substitutions: Not permitted
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00

2.2 ASPHALT FIBERGLASS SHINGLES

- A. CertainTeed **Landmark AR**: Conforming to ASTM D 3018 Type I – Self-Sealing, UL Certification of ASTM D 3462, ASTM D 3161/UL997 110-mph Wind Resistance and UL Class A Fire Resistance, glass fiber mat base, ceramically colored/UV resistant mineral surface granules across entire face of shingle; algae-resistance; two piece laminate shingle.
- B. **Wind warranty upgrade** – These products are warranted to resist blow-off due to wind velocities, including gusts, up to a maximum of 130 miles per hour during the first fifteen (15) years, provided all of the following conditions are met:
 - 1. CertainTeed shingles are not applied over existing roof shingles (roof-overs are not permitted).
 - 2. CertainTeed specified corresponding hip and ridge accessory products are installed as cap shingles (Shadow Ridge™, Cedar Crest™, Mountain Ridge™ (& IR).
 - 3. CertainTeed specified corresponding starter shingles are installed along the roof eaves and rakes (Swiftstart™ and High-Performance Starter). (Note: In Florida, CertainTeed will waive the requirement of applying starter shingles along the roof rake if all of the following conditions are met: The applicable building code requires that asphalt roof shingles be embedded in an 8-inch-wide bed of asphalt roofing cement applied along the roof rake edges. And, the shingles are installed and embedded in an 8-inch-wide bed of asphalt roofing cement along the roof rake edges in accordance with the code.)
- C. Weight: 229 / 240 pounds per square (dependent on manufacturing location) (100 square feet).

****NOTE** Retain one of the following two sub-paragraphs depending on color selection method.**

- D. Color: _____
- E. Color: As selected by Architect from manufacturer's standards

2.3 SHEET MATERIALS

****Note** Delete paragraph below and installation instructions in Part 3 if climatic conditions are such that ice dam protection is not required.**

- A. Eaves Protection: CertainTeed "WinterGuard"; ASTM D1970 sheet barrier of self-adhering rubberized asphalt membrane shingle underlayment having internal reinforcement and "split" back plastic release film; provide material warranty equal in duration to that of shingles being applied.

****Note** Delete WinterGuard types not required for the building project.**

1. CertainTeed WinterGuard Sand
2. CertainTeed WinterGuard HT
3. CertainTeed WinterGuard Granular

****Note** Select underlayment form the following three paragraphs, delete those not required. The CertainTeed "Roofers Select" underlayment resists "hygro-expansion," significantly reducing wrinkling.**

- B. Underlayment: CertainTeed "Roofers' Select", ASTM D 6757; asphalt-impregnated fiberglass-reinforced organic felt designed for use on roof decks as a water-resistant layer beneath roofing shingles
- C. Underlayment: CertainTeed "Diamond Deck", ASTM D 226 and ASTM D 4869 synthetic polymer-based scrim reinforced underlayment designed for use on roof decks as a water-resistant layer beneath asphalt shingles, wood shingles, and shakes, metal shingles or slate.
- D. Underlayment: ASTM D 4869, Asphalt saturated felt.
- E. Underlayment: ASTM D 226, Asphalt saturated felt (non-perforated).
- F. Waterproofing Underlayment: CertainTeed "WinterGuard"; ASTM D 1970 sheet barrier of self-adhering rubberized asphalt membrane shingle underlayment having internal reinforcement, and "split" back plastic release film; Use in "low slope" areas (below 4:12, but no less than 2:12 pitch); provide material warranty with equal in duration to that of shingles being applied .

****Note** Delete WinterGuard types not required for the building project.**

1. CertainTeed WinterGuard Sand
2. CertainTeed WinterGuard HT
3. CertainTeed WinterGuard Granular

2.4 FLASHING MATERIALS

- A. Sheet Flashing: ASTM A 361/A361M; 26 Gauge (0.45 mm) steel with minimum G115/Z350 galvanized coating
- B. Sheet Flashing: ASTM B 209; 0.025 (0.63mm) thick aluminum, mill finish.
- C. Sheet Flashing: ASTM B 370; cold rolled copper; 16 ounces per square foot (0.55mm), natural finish.
- D. Bituminous Paint: Acid and alkali resistant type; black color.
- E. Tinner's Paint: Color as selected by Architect to coordinate with shingle color.

2.5 ACCESSORIES

- A. Nails: Standard round wire type roofing nails, corrosion resistant; hot dipped zinc coated steel, aluminum or chromated steel; minimum 3.8 inch (9.5mm) head diameter; minimum 11 or 12 gage (2.5mm) shank diameter; shank to be sufficient length to penetrate through the roof sheathing or ¾ inch (19mm) into solid wood, plywood or non-veneer wood decking.

- B. Asphalt Roofing Cement: ASTM D 4586, Type I or II

2.6 FLASHING FABRICATION

- A. Form flashing to profiles indicated on Drawings and to protect roofing materials from physical damage and shed water.
- C. Form sections square and accurate to profile, in maximum possible lengths, free from distortion or defects detrimental to appearance or performance.

2.7 ATTIC VENTILATION

****Note**:** Delete any attic ventilation products from the listing below that are not required by architect / specifier.

- A. CertainTeed Rolled Ridge Vent (28 lf) Filtered or Unfiltered
 - 1 Shingle over low profile ridge vent designed with external baffle to deflect wind and weather over the vent. The external baffle creates low pressure over the vent openings to “pull” air from the attic.
 - 2 Internal weather filter helps protect the attic from wind driven rain, snow, dust and insects.
 - 3 Each vent will provide 12 sq inches of net free area per lineal foot.
 - 4 Accommodates roof pitches of 3/12 to 20/12.
 - 5 The vent carries an approval report with the Texas Department of Insurance
 - 6 Limited Lifetime Warranty and 5-year Sure Start Protection.
- B. CertainTeed Ridge Vent (4 lf) Filtered or Unfiltered, 9 in and 12 in. width.
 - 1 Shingle over ridge vent designed with an external baffle to deflect wind and weather over the vent. The external baffle creates low pressure over the vent openings to “pull” air from the attic.
 - 2 Internal weather filter helps protect the attic from wind driven rain, snow, dust and insects.
 - 3 12” vent provides 18 sq inches of net free area per linear foot; 9” vent provides 16 sq inches of net free area per linear foot.
 - 4 CertainTeed Ridge Vent is pre-formed to a 4/12 pitch, and fits pitches from 3/12 to 16/12.
 - 5 Limited Lifetime Warranty and 5-Year SureStart™ Protection.
- C. CertainTeed Intake Vent (4 lf)
 - 1 Designed for homes with little or no intake ventilation in the soffit area.
 - 2 Each vent has 9 sq inches of net free area per linear foot.
 - 3 Minimum 3/12 roof pitch with no maximum.
 - 4 Lifetime Limited Warranty; 5-Year SureStart™ Protection.

1. EXECUTION

3.1 EXAMINATION

- A. Verify existing site conditions under provisions of Section 01 70 00.
- B. Verify that roof penetrations and plumbing stacks are in place and flashed to deck surfaces.
- C. Verify deck surfaces are dry and free of ridges, warps or voids.

3.2 ROOF DECK PREPARATION

- A. Follow shingle manufacturer's recommendations for acceptable roof deck material.
- B. Broom clean deck surfaces under eave protection and underlayment prior to their application.

3.3 INSTALLATION – EAVE ICE DAM PROTECTION

- A. Place eave edge and gable metal edge flashing tight with fascia boards. Weather-lap joints 2 inches (50mm). Secure flange with nails spaced 8 inches (200 mm) on center.
- B. Apply CertainTeed "WinterGuard" Waterproofing Shingle Underlayment as eave protection in accordance with manufacturer's instructions.

****NOTE**** Change dimensions below to 48 inches (1220 mm) or greater for low slope roofs or severe climatic conditions.

- C. Extend eave protection membrane minimum 24 inches (640 mm) up slope beyond interior face of exterior wall.

3.4 INSTALLATION – PROTECTIVE UNDERLAYMENT

****NOTE**** Delete first three paragraphs below if all roof slopes are greater than 4:12. Otherwise, select either complete WinterGuard underlayment, Roofers Select, Diamond Deck or D4869 underlayment in combination with eave ice dam protection.

- A. Roof Slopes between 2:12 and 4:12: Apply one layer of "WinterGuard" over all areas not protected by WinterGuard at eaves, with end and edges weather lapped minimum of 19 inches (480 mm) Stagger end laps each consecutive layer. Nail in place
- B. Roof Slopes between 2:12 and 4:12: Apply two layers of Roofers Select or D4869 underlayment over areas not protected by WinterGuard at eaves, with ends and edges weather-lapped 19 inches (480 mm) .Stagger end laps each consecutive layer. Nail in place.
- C. Roof Slopes between 2:12 and 4:12 – Use of Diamond Deck Synthetic Roofing Underlayment. Follow manufacturer's printed instructions for low slope application of this product. Do not use staples on this product.
- D. Roof Slopes 4:12 or Greater: Install one layer of asphalt felt shingle underlayment perpendicular to slope of roof and lap minimum 4 inches (100 mm) over eave protection.
- E. Weather-lap and seal watertight with asphalt roofing cement items projecting through or mounted on roof. Avoid contact or solvent-based cements with WinterGuard and Diamond Deck

3.5 INSTALLATION – VALLEY PROTECTION

- A. For “closed-cut,” “woven,” and “open” valleys, first place one ply of WinterGuard, minimum 36 inches (910 mm) wide, centered over valleys. Lap joints minimum of 6 inches (152 mm) Follow instructions of shingle and waterproofing membrane manufacturer.

3.6 INSTALLATON – METAL FLASHING

- A. Weather-lap joints minimum 2 inches (50 mm).
- B. Seal work projecting through or mounted on roof with asphalt roofing cement and make weather tight.

3.7 INSTALLATION – ASPHALT SHINGLES

- A. Install shingles in accordance with manufacturer’s instructions for product type and application specified.

3.8 FIELD QUALITY CONTROL

- A. Field inspection will be performed under provisions of Section 01 45 16.
- B. Visual inspection of the work will be provided by Owner. If conditions are unacceptable, Owner will notify the Architect.

3.9 PROTECTION OF FINISHED WORK

- A. Protect finished work under provisions of Section 01 76 00.
- B. Do not permit traffic over finished roof surface.

END OF SECTION