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Certificate #2532

**TOWN OF ACTON
HISTORIC DISTRICT COMMISSION**
472 Main Street, Acton, MA 01720

CERTIFICATE

Pursuant to Chapter 40C of the General Laws of Massachusetts and the Historic Districts Bylaw of the Town of Acton, the Acton Historic District Commission hereby issues a

CERTIFICATE OF NON-APPLICABILITY

for the work described below.

Applicant (or owner): Apex Roofing and Restoration, LLC Telephone: 978 692 8900
Email: info@apexroofer.com
Address: 483 Groton Road, Westford, MA 01886

Location of Work 434 Main Street
District: Center X West South

Description of Proposed work:

Re-roof using "Certainteed Landmark Series" asphalt shingles.

* Excluded under Chapter P, Sect. 9.3: "...repair or replacement of any exterior architectural feature... which does not involve a change in design, material, or the outward appearance thereof," ...

Findings, Conditions, Requirements, Recommendations:

1. Replacement shingles shall be high-definition style. Ultra-high definition style shingles are not permitted. "Certainteed Landmark Series" asphalt shingles are acceptable. Shingle color as chosen by Owner.
2. Drip edge color must match wood trim color.
3. Ridge vent (if used) must run from gable end to gable end.
4. Chimney flashing (if used) must be lead or lead-coated copper. Mill finish aluminum is not permitted.
5. Any vent pipe flashing (if used) visible from Main Street must be black neoprene, copper or lead-coated copper. Mill finish aluminum is not permitted.
6. Vent pipes (if used) should be metal; if PVC then PVC should be painted a dark color.

The applicant may proceed with the proposed work provided all other approvals have been obtained, including a Building Permit or Sign License where required. This Certificate is valid for work commenced within one year of the date of issuance. An extension or renewal of the Certificate may be granted at the discretion of the commission. If a property changes ownership during the time the Certificate is in force, a new owner who wishes to continue the authorized work must apply to have a new Certificate issued in his or her own name.

Application received 8.20.25

Date of Public Hearing NA

Certificate approved by David Honn Date 8.27.25
for Historic District Commission

Copies to: Applicant, Building Commissioner, Town Clerk, HDC File

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2025 AUG 20 PM 12:41

Application # 2532

**TOWN OF ACTON
HISTORIC DISTRICT COMMISSION**

472 Main Street, Acton, MA 01720

APPLICATION FOR CERTIFICATE

This information will be publicly posted on the Town of Acton website docushare.

Pursuant to Ch. 40C of the General Laws of Massachusetts, application is hereby made for issuance of the following Certificate for work within a Local Historic District (please check one):

Cert. of Appropriateness (Building Alteration/Sign/Fence/Change of Ownership) Fee: \$10 _____

Cert. of Appropriateness (Building Addition other than deck/New Bldg/Demolition) Fee: \$50 _____

Cert. of Hardship (for either category of Appropriateness) Fee: \$10 or \$50 (as appropriate) _____

☒ Cert. of Non-Applicability _____ No Fee _____

Fees waived for non-profit or municipal applicants.

Applicant:

ApeX Roofing & Restoration, LLC
Address: 483 Gorton Rd
Westford MA 01886

Telephone: 978-692-8900

E-mail: info@apexroofer.com

Property owner and address:

(if different from applicant)

434 Main St. Acton

Contact information: 978-692-8100

Location of Work:

434 No.

Street Main St.

District: Center ___ West ___ South ___

Description of Work: (See website Instructions regarding information that is here required)

Strip & Reroof
(replacing with LIKE)

The undersigned hereby certifies that the information on this application and any plans submitted herewith are correct, and constitute a complete description of the work proposed. By my signature below, I acknowledge that this application and all its data will be publicly posted on the Town of Acton website docushare.

Signature of applicant

GWN III

Date:

8/14/2025

Application received by _____

for HDC Date: _____

COA approved/CNA issued by _____

for HDC Date: _____



ESTABLISHED 1991

Apex Roofing & Restoration LLC

483 Groton Road, Westford, MA 01886

Phone: 978-692-8900

H.I.C.# 181413 CSL# 061982

info@apexroofer.com

Stop In and visit our roofing showroom!

Name: John & Jen Friborg	Cell#: 978-888-7302	Home#:
Address: 434 Main St.	email: jdfriborg@gmail.com	
City: Acton	State: MA	

Scope of work:

All roof sections of home (fall prices reflected, thank you)

- We'll supply a dumpster (for debris) with lumber under the wheels to prevent any damage to driveway.
- We'll supply a portable toilet facility for the duration of the project.
- We'll hang tarps to protect your property and strip/dispose of up to (1) layer(s) of roofing*
- Inspect roof sheathing and re-nail or replace as needed (**Sheathing replacement cost noted below).
- Install all new pipe boots & replace aluminum step/wall flashing as needed or required
- Install **Grace/CertainTeed** ice & water shield 6 ft. up from eaves, in valleys & under all step flashing areas.
- Install synthetic paper barrier in all other areas not covered by ice & water shield.
- Install 8" aluminum drip-edge along entire perimeter of roof. Vented drip edge stays in place unless otherwise discussed.
- Install **CertainTeed SwiftStart** starter shingles around entire perimeter of roof (ensures proper edge adherence).
- Install #1 rated **CertainTeed Landmark** architectural shingles (6 nails per shingle for 130 mph wind warranty).
- Cut 2" opening at ridge location (when needed) and install **CertainTeed ShingleVent baffled ridge vent**.
- Install **CertainTeed ShadowRidge** cap shingles on all ridge and hip locations.
- Inspect property upon completion. Clean up debris/magnetic sweep for nails.
- **ANY HOUSEHOLD ITEMS FOUND IN DUMPSTER WILL INCUR AN ADDITIONAL \$500.00 FEE**

All unused material is the property of Apex Roofing & Restoration LLC & will be picked up following the completion of the project.

***Dust & debris can enter your attic and precautions should be taken by the homeowner to protect their items and although we take all necessary safety measures we do not cover any consequential damages to home or landscaping due to the roof project.

Payment of cash or check is due completion day of job and is sole consideration for the workmanship warranty. **NO MONEY DOWN**

Apex Roofing & Restoration LLC agrees to all labor, material and building permit specified above for the sum of:

\$8199
JWN

*Any additional layers of shingles discovered beyond our quoted amount will be calculated @ \$.40 cents per sq. ft.

**Sheathing replacement: 1/2" plywood @ \$2.85 Per Square Foot & 1x8" boards \$8 per lineal foot

If required we'll replace lead flashing on brick chimney(s) for an additional charge of \$550.00 per chimney:

Remove flashing from skylight(s), install new ice & water shield & re-install flashing for \$100.00 each unit not being replaced.

ITEMS BELOW ARE AN ADDITIONAL COST, PLEASE WRITE YES OR NO TO THE LEFT OF EACH ITEM TO ACCEPT OR DECLINE

Upgrade to "even better" CertainTeed Landmark PRO Max Definition shingles (250 pounds per Square) for an additional \$1,890.00

NO

All skylights include solar powered factory installed blinds:

NO Install (2) Velux FS-M06 (fixed) skylights for \$1,540.00 each or NO Install (2) Velux VS-M06 (Venting skylights) for \$1,949.00 each
 NO Install (1) Velux FS-C04 (fixed) skylights for \$1,424.00 each or NO Install (1) Velux VS-C04 (Venting skylights) for \$1,887.00 each

Note: Skylight replacement will require additional interior work that is not included in this proposal. We do not warrant existing skylights for leaks.

The shingle project outlined above includes a transferable written 25 year workmanship warranty along with a CertainTeed shingle limited lifetime warranty.

Contract Acceptance: Upon signing, this document becomes a binding contract under law. You may cancel this agreement provided you notify Apex Roofing & Restoration in writing at their main office by ordinary mail posted not later than midnight of the third business day following the signing of this agreement. Job to be completed within 6 weeks of contract execution. All Home Improvement contractors/subs shall be registered. Inquiries should be directed to: Office of Consumer Affairs and Business Regulation Ten Park Plaza, #5170 Boston, MA 02116, phone 617-973-8700. Do not sign this contract if there are blank spaces. Contractor shall obtain permits, if homeowner does, any claims will be excluded from guarantee fund.

Property Owners Signature

7-23-25

Date

Shingle/Color Selection

Authorized Signature: John W Normandle III/owner

7/11/25

Date Submitted

Property Owners Signature

Date

Note: This agreement may be withdrawn by us if not accepted within 15 days.

before



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 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**: 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** 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** 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**: 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 from 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 INSTALLATION – 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