

NICHOLAS COUNTY COMMISSION  
700 MAIN STREET  
SUITE 1  
SUMMERSVILLE, WEST VIRGINIA 26651  
304.872.7830  
[ncc\\_pattyneff@yahoo.com](mailto:ncc_pattyneff@yahoo.com)

The Nicholas County Commission is accepting sealed proposals to replace the roofing (front and back) at the Nicholas County Day Report Center building located at 603 Broad St., Summersville, WV 26651.

**A Mandatory Pre-Bid Meeting will take place on Monday, August 26, 2024 at 9:00 am.** All interested contractors are to meet in the office of the Nicholas County Commission to sign an Attendance Sheet and the group along with Commission members and DRC staff will proceed to site.

**All bids will be received into the County Commission office no later than 3:00 pm on Friday, August 30, 2024.**

**Bid opening will take place on Wednesday, September, 4, 2024 at 9:20 a.m., in the office of the Nicholas County Commission, 1<sup>st</sup> Floor of the Nicholas County Courthouse, Summersville, WV.**

Specifications can be picked up in the office of the Nicholas County Commission during weekdays no later than 4:00 pm and can be viewed on our website at [www.nicholascountywv.org](http://www.nicholascountywv.org)

Nicholas County Commission is an equal opportunity employer and asserts that it will not discriminate against any firm or individual based on race, sex, creed, color, sex, age, disability or national origin. The Nicholas County Commission also reserves the right to accept or reject any or all bids.

**SPECIFICATIONS:**

**INSURANCE :**

<b><u>Type</u></b>	<b><u>Per Person/Occurrence</u></b>	<b><u>Aggregate</u></b>
Workmen's Compensation	Statutory	
Contractors Public Liability		
Bodily Injury	\$250,000/\$500,000	
Property Damage	\$250,000	\$500,000
Automobile Public Liability		
Bodily Injury	\$250,000/\$500,000	
Property Damage	\$250,000	

**LABOR AND MATERIAL PAYMENT BOND:**

The successful Contractor will be required to furnish a performance bond in the full amount of the contract. Bond shall also guarantee payment to material, men, labor, etc.

**PROTECTION OF WORK AND PROPERTY:**

The successful Contractor shall maintain adequate protection for all its company's work and shall likewise protect the Owner's property from injury or loss arising from this contract. The Contractor shall make good any such damage, injury or loss to the satisfaction of the Owner. The Contractor shall keep on the work during its progress, a competent foreman.

**CLAIMS FOR EXTRA WORK:**

If the Contractor claims that any instructions involve extra work under this contract, he shall give the Owner written notice thereof and shall not, in any event, proceed with the work unless the item has been approved by the Owner.

**Owner's Right to do the Work:**

If the Contractor shall neglect to pursue or fail to perform any provisions of this contract, the Owner, after three days written notice of the Contractor, may make good such deficiencies and deduct the cost thereof then or thereafter due to the Contractor.

**EXAMINATION OF SITE:**

Each bidder shall verify all dimensions and conditions at the site before submitting this proposal as no claim for extra work will be considered because of failure to determine obvious existing conditions. Must make arrangements with DRC Executive Director Gary Jarrell at 304.872.9646 (office) or 304.619.8603 (cell).

**CHANGE ORDER:**

The Owner without invalidating the contract, may order changes in the work without the general scope of the contract being changed consisting of additions, deletions, or other revisions, the contract sum and contract time being adjusted accordingly. All such changes in the work shall be authorized by Change Order and shall be executed under the applicable conditions of the Contract Document.

**TIME OF COMPLETION:**

The work to be performed under this contract shall be fully completed on or before October 30, 2024. Due to the nature of work and services provided under the roof of this building, replacing two days during each week and having your crew working both Saturday's and Sundays until the job is completed, is being considered. This will be discussed at the Mandatory Pre-Bid meeting

**Permits:**

The successful bidder must obtain any necessary permits with the City of Summersville. It has been brought to my attention that any work on county owned facilities within the city limits, must go through the application process for a permit with the city. While the Summersville Municipal Office does not charge the contractor for Permits on any owned county facilities, the contractor must still obtain a permit in order to have it on the construction site and that the City has it on file.

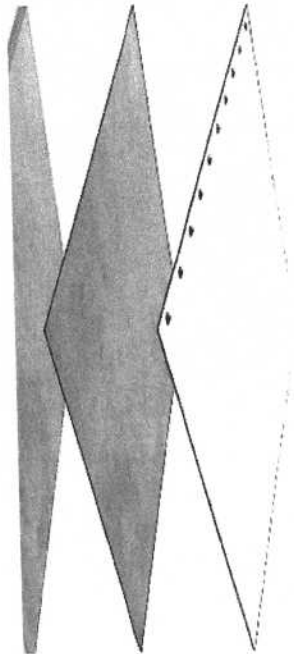
Nicholas County DRC Roofing Project Scope of Work:

1. 50 mil PVC or approved equal based on ASTM testing criteria.
2. 20-year full system NDL warranty with no exclusions for ponding water.
3. All components of system to be from original manufacturer and covered under same warranty.
4. Warranty must include all caulk and adhesives.
5. No Third Party Warranties.

# Daily Reporting Center

ENTIRE ROOF

603 Broad Street  
Summersville, WV 26651





## PART 1 GENERAL

### 1.1 SUMMARY

- A. Membrane Type: PVC thermoplastic membrane
  - 1. Roll Width: 60" (Installed widths may vary)
  - 2. Membrane Color: White
  - 3. Attachment Type: Mechanically Fastened
  - 4. Fasteners: Extra Heavy Duty Screw (#14)
  - 5. Plates: Steel Membrane Plate
- B. Slip Sheet Type: Woven polyethylene slip sheet
  - 1. Attachment Type: Loose-Laid
  - 2. Loose-Laid: Loose-Laid
- C. Existing Roof Type: EPDM
  - 1. Existing Roof: EPDM over wood fiber insulation and steel decking.
  - 2. Core Samples: Yes
  - 3. Attachment Type: Mechanically Fastened
- D. Deck Type: Steel Deck (22 ga)
- E. Prefabricated flashings, corners, parapets, stacks, vents, and related details.
- F. Fasteners, adhesives, and other accessories required for a complete roofing installation.
- G. Traffic Protection.

### 1.2 REFERENCES

- A. ASTM INTERNATIONAL (ASTM)
  - 1. (2019) Standard Test Methods for Coated Fabrics (D751)
  - 2. (2021) Standard Specification for Poly(Vinyl Chloride) Sheet Roofing (D4434/D4434M)
  - 3. (2022) Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board (C1289)
  - 4. (2020) Standard Test Methods for Fire Tests of Roof Coverings (E108)
  - 5. (2020) Standard Test Methods for Fire Tests of Building Construction and Materials (E119)
- B. UL SOLUTIONS (UL)
  - 1. (2021) UL Roofing Systems (TGFU.R10128)
- C. AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE)
  - 1. (2007) Minimum Design Loads for Buildings And Other Structures (ASCE Standard - ASCE/SEI 7-05)
  - 2. (2014) Minimum Design Loads for Buildings and Other Structures (ASCE Standard - ASCE/SEI 7-10)
  - 3. (2017) Minimum Design Loads and Associated Criteria for Buildings and Other Structures (ASCE Standard - ASCE/SEI 7-16)
- D. NATIONAL ROOFING CONTRACTORS ASSOCIATION (NRCA)
  - 1. (2019) NRCA Roofing Manual - Membrane Systems

### 1.3 SYSTEM DESCRIPTION

- A. General: Provide installed roofing membrane and base flashings that remain watertight; do not permit the passage of water; and resist specified uplift pressures, thermally induced movement, and exposure to weather without failure.
- B. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by roofing membrane manufacturer based on testing and field experience.
- C. Sustainability:
1. Conform to NSF/ANSI Standard 347, "Sustainability Assessment for Single-Ply Roofing Membranes. Minimum certification level: Gold.
  2. Type III product-specific Environmental Product Declaration.
  3. Membrane is recyclable at end of use.
- D. Physical Properties (must meet or exceed):
1. Roof product must meet the requirements of Type III PVC sheet roofing as defined by ASTM D4434.
  2. Thickness: 50 mil, nominal, in accordance with ASTM D751.
  3. Thickness over Scrim:  $\geq 26$  mil in accordance with ASTM D7635.
  4. Breaking Strength:  $\geq 423$  lbf. (machine direction) and  $\geq 278$  lbf. (cross machine direction) in accordance with ASTM D751 Grab Method.
  5. Elongation at Break:  $\geq 31\%$  (machine direction) and  $\geq 30\%$  (cross machine direction) in accordance with ASTM D751 Grab Method.
  6. Seam Strength:  $\geq 423$  lbf. in accordance with ASTM D751 Grab Method.
  7. Tear Strength:  $\geq 90$  lbf. (machine direction) and  $\geq 143$  lbf. (cross machine direction) in accordance with ASTM D751 Procedure B.
  8. Low Temperature Bend: Pass at  $-40$  °F in accordance with ASTM D2136.
  9. Heat Aging: Pass after being conditioned for 56 days in oven maintained at  $176$  °F in accordance with ASTM D3045.
  10. Accelerated Aging: Pass after 10,000 hours of total test time in accordance with ASTM G155.
  11. Dimensional Stability: Change of 0.20% (machine direction) and 0.10% (cross machine direction) in accordance with ASTM 1204.
  12. Water Absorption:  $< 2.6\%$  at  $158$  °F for 168 hours in accordance with ASTM D570.
  13. Static Puncture Resistance:  $\geq 33$  lbf. in accordance with ASTM D5602.
  14. Dynamic Puncture Resistance:  $\geq 14.7$  ft-lbf. in accordance with ASTM D5635.
- E. Cool Roof Rating Council (CRRC) (Membrane must be listed on the CRRC website):
1. Solar Reflectance (Initial):  $\geq 85\%$
  2. Solar Reflectance (3-Year Aged):  $\geq 73\%$
  3. Thermal Emittance (Initial):  $\geq 89\%$
  4. Thermal Emittance (3-Year Aged):  $\geq 88\%$
  5. Solar Reflectance Index (SRI) (Initial):  $\geq 108\%$
  6. Solar Reflectance Index (SRI) (3-Year Aged):  $\geq 90\%$

### 1.4 SUBMITTALS

- A. Product data sheets to be used, with the following information included:
1. Preparation instructions and recommendations
  2. Storage and handling requirements and recommendations
  3. Installation methods
  4. Maintenance requirements
- B. Sustainability Documentation:
1. NSF/ANSI Standard 347 Certificate
  2. Type III product-specific Environmental Product Declaration
- C. Shop Drawings: Indicate insulation pattern, overall membrane layout, field seam locations, joint or termination detail conditions, and location of fasteners.
- D. Provide verification samples for each product specified (two samples representing each product, color and finish):
1. 4-inch by 6-inch sample of roofing membrane, of color specified.
  2. 4-inch by 6-inch sample of walkway pad.
  3. Termination bar, fascia bar with cover, drip edge, and gravel stop if to be used.
  4. Each fastener type to be used for installing membrane, insulation/recover board, termination bar and edge details.
- E. Installer Certification: Certification from the roofing system manufacturer that Installer is approved, authorized, or licensed by manufacturer to install roofing system.
- F. Manufacturer's warranties.

### 1.5 QUALITY ASSURANCE

- A. Perform work in accordance with manufacturer's installation instructions.
- B. Manufacturer Qualifications: A manufacturer specializing in the production of PVC membranes systems and utilizing a Quality Control Manual during the production of the membrane roofing system that has been approved by and is inspected by Underwriters Laboratories.
- C. Installer Qualifications: Company specializing in installation of roofing systems similar to those specified in this project and approved by the roofing system manufacturer.
- D. Source Limitations: Obtain components for membrane roofing system from roofing membrane manufacturer.
- E. There shall be no deviations from the roof membrane manufacturer's specifications or the approved shop drawings without the prior written approval of the manufacturer.

### 1.6 REGULATORY REQUIREMENTS

- A. Conform to applicable code for roof assembly fire hazard, wind uplift, and cool roof requirements.
- B. Fire Hazard Requirements: Provide membrane roofing materials with the following fire-test-response characteristics. Materials shall be identified with appropriate markings of applicable testing and inspecting agency.

1. Class A
  2. Fire-test-response standard: Comply with ASTM E108 for application and roof slopes indicated.
  3. Fire-Resistance Ratings: Comply with ASTM E119 for fire-resistance-rated roof assemblies of which roofing system is a part.
  4. Conform to applicable code for roof assembly fire hazard requirements.
- C. Wind Uplift Requirements: Roofing System Design: Provide a roofing system designed to resist uplift pressures calculated according to the current edition of ASCE/SEI 7, Minimum Design Loads and Associated Criteria for Buildings and Other Structures.
- D. Cool Roof Requirements: Conform to IECC (International Energy Conservation Code) and IGCC (International Green Construction Code) cool roof requirements.

## 1.7 PRE-INSTALLATION MEETING

- A. Convene meeting not less than one week before starting work of this section.
- B. Review methods and procedures related to roof deck construction and roofing system including, but not limited to, the following:
1. Meet with Owner, Architect, Owner's insurer if applicable, testing and inspecting agency representative, roofing installer, roofing system manufacturer's representative, deck installer, and installers whose work interfaces with or affects roofing including installers of roof accessories and roof-mounted equipment.
  2. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, and facilities needed to make progress and avoid delays.
  3. Examine deck substrate conditions and finishes for compliance with requirements, including flatness and fastening.
  4. Review structural loading limitations of roof deck during and after roofing.
  5. Review base flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect roofing system.
  6. Review governing regulations and requirements for insurance and certificates if applicable.
  7. Review temporary protection requirements for roofing system during and after installation.
  8. Review roof observation and repair procedures after roofing installation.
  9. Review existing roof manufacturer's recycling program and return roofing system to the manufacturer for recycling.

## 1.8 DELIVERY, STORAGE AND HANDLING

- A. Deliver roofing materials to Project site in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, and directions for storing and mixing with other components.
- B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.
- C. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Store in a dry location. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.
- D. Store roof materials and place equipment in a manner to avoid permanent deflection of deck.
- E. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.

## 1.9 WARRANTY

- A. Contractor's Warranty: The contractor shall warrant the roof application with respect to workmanship and proper application for two (2) years from the effective date of the warranty issued by the manufacturer.
- B. Manufacturer's Warranty: Must be no-dollar limit type and provide for completion of repairs, replacement of membrane or total replacement of the roofing system at the then-current material and labor prices throughout the life of the warranty. In addition the warranty must meet the following criteria:
1. Warranty Period: 20 years from date issued by the manufacturer.
  2. Must provide adequate or sufficient drainage.
  3. Issued direct from and serviced by the roof membrane manufacturer.
  4. Transferable for the full term of the warranty.

# PART 2 PRODUCTS

## 2.1 MANUFACTURER

- A. All roofing system components to be provided or approved by roof system manufacturer.
- B. Acceptable Manufacturers:
1. Duro-Last Roofing

## 2.2 ROOFING SYSTEM COMPONENTS



- A. Roofing Membrane:
1. Properties:
    - a. Type: PVC thermoplastic membrane
    - b. Roll Width: 60" (Installed widths may vary)
    - c. Membrane Color: White
    - d. Attachment Type: Mechanically Fastened
    - e. Fasteners: Extra Heavy Duty Screw (#14)
    - f. Plates: Steel Membrane Plate
  2. Features:
    - a. ASTM D4434, Type III
    - b. Fabric-reinforced, PVC.
    - c. Minimum NSF 347 Gold certified.
- B. Slip Sheet:
1. Properties:
    - a. Type: Woven polyethylene slip sheet
    - b. Attachment Type: Loose-Laid

2. Features:

- a. Woven polyethylene tapes
- b. 10' x 360' roll
- c. 4-mil thick

C. Existing Roof:

1. Properties:

- a. Type: EPDM
- b. Core Samples: Yes
- c. Attachment Type: Mechanically Fastened

D. Deck Type:

1. Properties:

- a. Type: Steel Deck (22 ga)

E. Accessory Materials: Provide accessory materials supplied by or approved for use by roof system manufacturer:

1. Sheet Flashing: Manufacturer's standard reinforced PVC sheet flashing.
2. Prefab Flashings: Manufactured using standard reinforced PVC membrane.
  - a. Inside and Outside Corners
  - b. Stack Flashing
  - c. Curb Flashing
3. Fasteners: Factory-coated steel fasteners meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane and insulation to substrate. Supplied by roof system manufacturer.
  - a. Extra Heavy Duty Screw (#14)
4. Plates: Metal or plastic plates meeting corrosion-resistance provisions in FMG 4470, designed for fastening membrane and insulation to substrate. Supplied by roof system manufacturer.
  - a. Steel Membrane Plate

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Verify that the surfaces and site conditions are ready to receive work.
  - B. Verify that the deck is supported and secured.
  - C. Verify that the deck is clean and smooth, free of depressions, waves, or projections, and properly sloped to drains, valleys, eaves, scuppers or gutters.
  - D. Verify that the deck surfaces are dry and free of standing water, ice or snow.
  - E. Verify that all roof openings or penetrations through the roof are solidly set.
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- F. If substrate preparation is the responsibility of another contractor, notify Architect of unsatisfactory preparation before proceeding.
  - G. Prior to re-covering an existing roofing system, conduct an inspection of the roof system accompanied by a representative of the membrane manufacturer or an authorized contractor.
    1. Determine required fastener type, length, and spacing.
    2. Verify that moisture content of existing roofing is within acceptable limits.
    3. Identify damaged areas requiring repair before installation of new roofing.
    4. Conduct core cuts as required to verify information required.

### 3.2 PREPARATION

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
- C. Surfaces shall be clean, smooth, free of fins, sharp edges, loose and foreign material, oil, grease, and bitumen.
- D. Re-Roofing Over Existing Single-Ply System:
  1. Remove all loose or high fasteners.
  2. Membrane contaminated with bitumen must be immediately cleaned. If cleaning does not remove the bitumen, the contaminated membrane must be replaced, or covered with both a slip sheet and new membrane.
  3. Blisters, buckles and other surface irregularities must be repaired or removed. If the damage is extensive, an approved rigid board insulation or a cover board must be installed.
  4. When the system is smooth or granular-surfaced, any approved slip sheet, insulation or cover board may be used to provide separation of the roof system and new membrane. Duro-Guard fan folds may be used if the surface is pea gravel or crushed stone which is 1/4 to 3/8 inch in size and has been leveled and maintained at 4 psf. For larger rock/gravel, utilize an approved rigid insulation or cover board.
  5. If rock/gravel surfacing is removed, an approved fan fold, rigid insulation or cover board must be used. If embedded rock/gravel remains that protrudes out of the deck more than 1/4 inch, do not use fan fold board. Instead, use an approved cover board or rigid insulation.
  6. When installing polystyrene insulation over coal tar pitch or asphalt-based roof systems, a slip sheet must be used between the insulation and existing roof.

### 3.3 INSTALLATION

- A. Slip Sheet:
  1. General Requirements
    - a. Install slip sheet in accordance with the roof manufacturer's requirements.
  2. Woven polyethylene slip sheet
    - a. Loosely lay slip sheet. Overlay sections by a minimum of 6 inches.
    - b. Attach with as many fasteners as are necessary to hold it in place.
- B. Roofing Membrane:
  1. General Requirements



- a. Install membrane in accordance with the roof manufacturer's requirements.
- b. Cut membrane to fit neatly around all penetrations and roof projections.

## 2. PVC thermoplastic membrane

- a. Use only fasteners, stress plates and fastening patterns accepted for use by the roof manufacturer. Fastening patterns must meet applicable design requirements.
- b. Install fasteners in accordance with the roof manufacturer's requirements. Fasteners that are improperly installed must be replaced or corrected.
- c. Mechanically fasten membrane to the structural deck utilizing fasteners and fastening patterns in accordance with the roof manufacturer's requirements.

C. Weld overlapping sheets together using hot air. Minimum weld width is 1-1/2 inches.

D. Check field welded seams for continuity and integrity and repair all imperfections by the end of each work day.

E. Flashings: Complete all flashings and terminations as indicated on the drawings and in accordance with the membrane manufacturer's requirements.

1. Provide securement at all membrane terminations at the perimeter of each roof level, roof section, curb flashing, skylight, expansion joint, interior wall, penthouse, and other similar condition.
  - a. Do not apply flashing over existing thru-wall flashings or weep holes.
  - b. Secure flashing on a vertical surface before the seam between the flashing and the main roof sheet is completed.
  - c. Extend flashing membrane a minimum of 6 inches (152 mm) onto the main roof sheet beyond the mechanical securement.

d. Use care to ensure that the flashing does not bridge locations where there is a change in direction (e.g. where the parapet meets the roof deck).

## 2. Penetrations:

- a. Flash all pipes, supports, soil stacks, cold vents, and other penetrations passing through the roofing membrane as indicated on the Drawings and in accordance with the membrane manufacturer's requirements.
- b. Utilize custom prefabricated flashings supplied by the membrane manufacturer.
- c. Existing Flashings: Remove when necessary to allow new flashing to terminate directly to the penetration.

## 3. Pipe Clusters and Unusual Shapes:

- a. Clusters of pipes or other penetrations which cannot be sealed with prefabricated membrane flashings shall be sealed by surrounding them with a prefabricated vinyl-coated metal pitch pan and sealant supplied by the membrane manufacturer.
- b. Vinyl-coated metal pitch pans shall be installed, flashed and filled with sealant in accordance with the membrane manufacturer's requirements.
- c. Pitch pans shall not be used where prefabricated or field fabricated flashings are possible.

F. Roof Drains: Coordinate installation of roof drains and vents.

## 1. Drain Assemblies with Clamping Rings:

- a. Remove existing roofing system materials from drain bowl and clamping ring.
- b. The membrane must extend beyond the inside of the clamping ring.
- c. Use a manufacturer supplied or approved sealant (1/2 tube minimum) between the membrane and drain bowl assembly.
- d. After the membrane is properly installed onto the bowl and the clamping ring set in place, all bolts securing the ring must be installed to provide constant, even compression on the sealant. If bolts are broken or missing, replacements must be installed.

## 2. Drain Boots:

- a. Remove existing flashing and asphalt at existing drains in preparation for sealant and membrane.
- b. Use a manufacturer supplied or approved sealant (1/2 tube minimum) to the outside of the drain boot and insert it into the drain.
- c. Fasten membrane around the perimeter of the drain with the same fastening pattern as the field membrane, no less than 1 fastener per drain.
- d. Install a pair of composite drain rings (CDRs) to compress the boot to the pipe. Ensure the CDR openings face in opposite directions.
- e. Secure the manufacturer's drain guard over the opening by heat welding the attachment tabs to the roof membrane.

G. Edge Details:

1. Provide edge details as indicated on the Drawings. Install in accordance with the membrane manufacturer's requirements.
2. Join individual sections in accordance with the membrane manufacturer's requirements.
3. Coordinate installation of metal flashing and counter flashing.
4. Manufactured Roof Specialties: Coordinate installation of copings, counter flashing systems, gutters, downspouts, and roof expansion assemblies.

H. Walkways:

1. Install walkways in accordance with the membrane manufacturer's requirements.
2. Provide walkways where indicated on the Drawings.
3. Install walkway pads at roof hatches, access doors, rooftop ladders and all other traffic concentration points regardless of traffic frequency. Provided in areas receiving regular traffic to service rooftop units or where a passageway over the surface is required.
4. Do not install walkways over flashings or field seams until manufacturer's warranty inspection has been completed.

I. Water Cut-Offs:

1. Provide water cut-offs on a daily basis at the completion of work and at the onset of inclement weather.
2. Provide water cut-offs to ensure that water does not flow beneath the completed sections of the new roofing system.
3. Remove water cut-offs prior to the resumption of work.
4. The integrity of the water cut-off is the sole responsibility of the roofing contractor.
5. Any membrane contaminated by the cut-off material shall be cleaned or removed.

## 3.4 FIELD QUALITY CONTROL

A. The membrane manufacturer's representative shall provide a comprehensive final inspection after completion of the roof system. All application errors shall be addressed and final punch list completed.

## 3.5 PROTECTION

- A. Protect installed roofing products from construction operations until completion of project.
- B. Where traffic is anticipated over completed roofing membrane, protect from damage using durable materials that are compatible with membrane.
- C. Repair or replace damaged products after work is completed.

END OF SECTION



## TERMS OF SERVICE

The Specification Generator is a program (the "Program") that creates a document that can, and in most cases should, be modified by the specifier to meet the requirements of an individual project. Duro-Last is not responsible for the accuracy of any document created in full or in part by this Program.

Duro-Last is providing this Program to specifiers without charge to aid in their development of roofing project specifications. The user of any specification created with this Program is solely responsible for its content and accuracy with respect to complying with Duro-Last Roofing specifications, project requirements and all applicable regulatory codes. This Program should not be construed to replace any system design provided by a professional architect or engineer, who remains ultimately responsible for the design integrity and safety of all building components including the applicability of all relevant building codes and regulations.

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