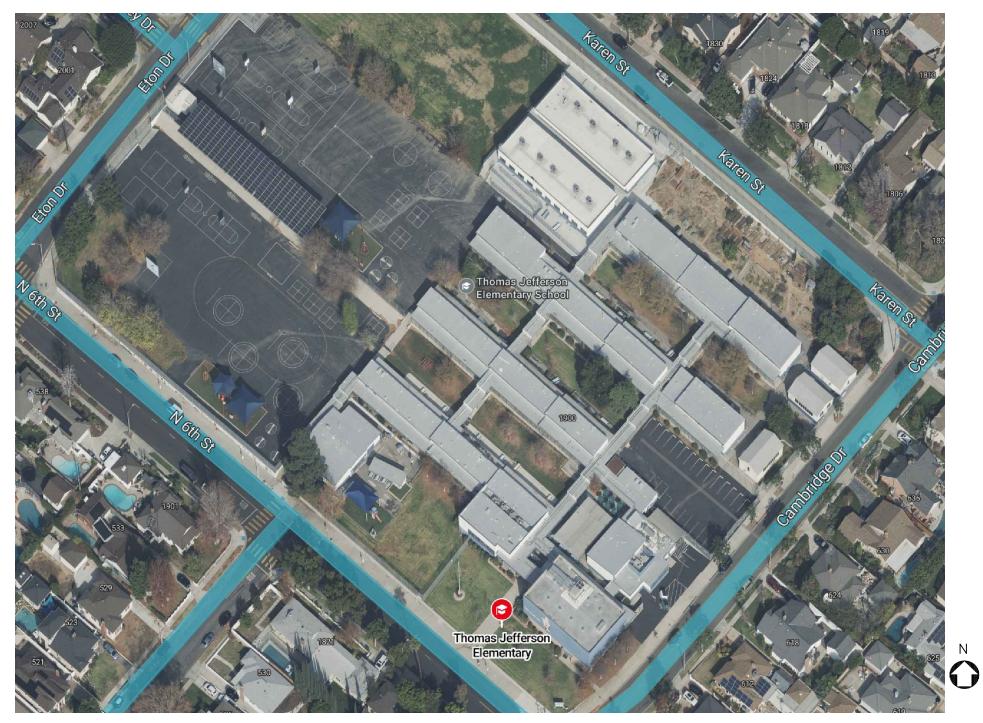
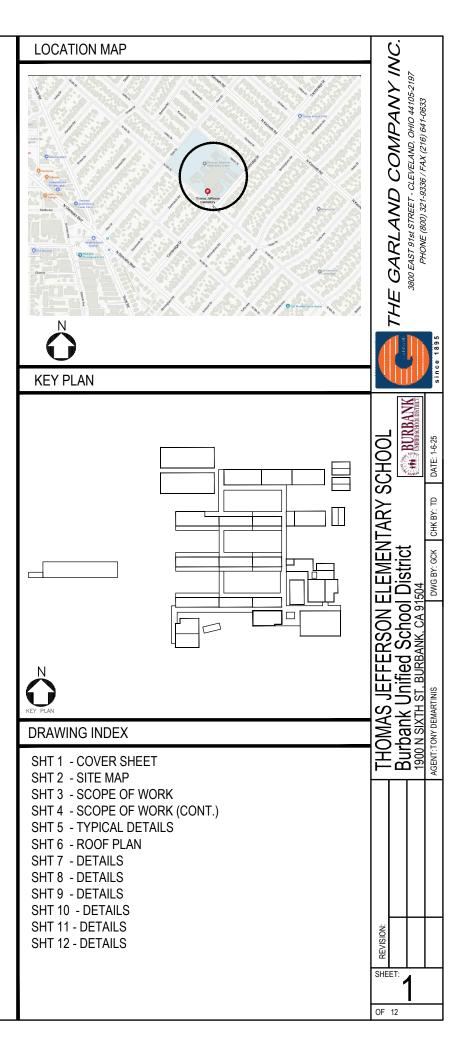


# THOMAS JEFFERSON ELEMENTARY SCHOOL 1900 N SIXTH ST, BURBANK, CA 91504





SHEET:

**COLOR LEGEND** 

YELLOW: RECOVER- MECHANICALLY FASTENED

ORANGE: RECOVER- ADHERED WITH INSUL-LOCK HR ADHESIVE

BLUE: REMOVE AND REPLACE

GREEN: TILE RESET

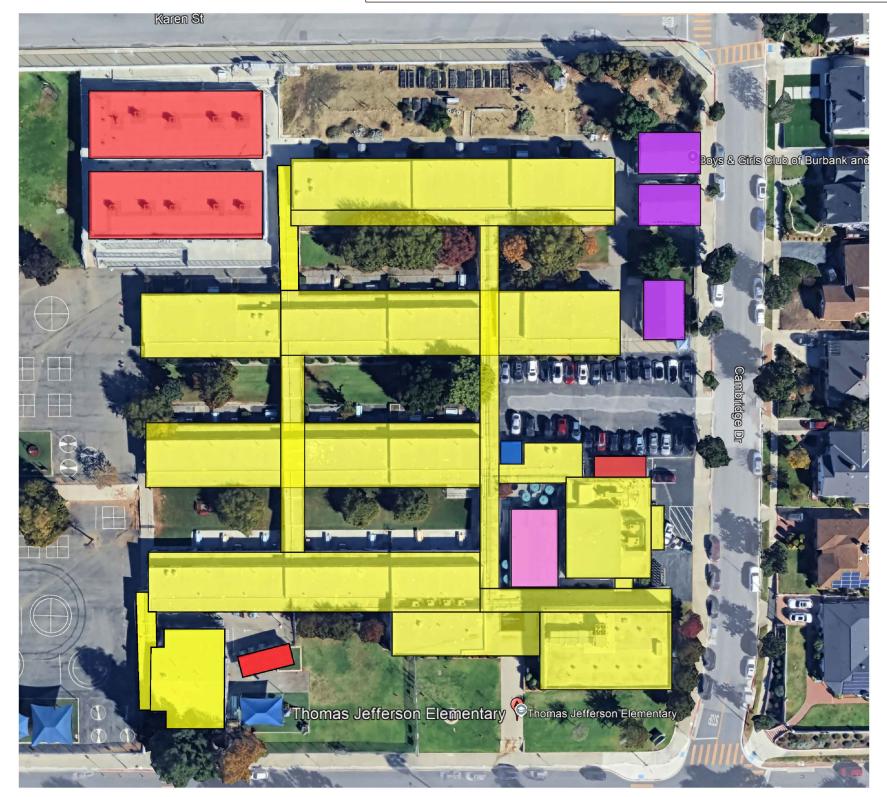
Colors for reference only. Contractor to verify substrate. Not all colors are used on all drawings.

RED: NOT IN CONTRACT

PURPLE: SHINGLE REPLACEMENT

PINK: FLUID-APPLIED RESTORATION

BROWN: PEDESTRIAN TRAFFIC COATING RESTORATION



# SCOPE OF WORK:

- Provide all labor, equipment, and miscellaneous materials to install District purchased and furnished roofing materials over the properly prepared substrate.
- All products listed in 2.01, D will be furnished by the District. All products not listed in 2.01, D are to be furnished by the Contractor. All products listed in 2.01, D will be manufactured by The Garland Company and purchased by Burbank Unified School District.
- Contractor to comply with Roof Site Maps to determine scopes of work for each building. Contractor responsible to determine deck type. Color-coded site map for reference only.
- Site Specific Instructions:
  - 1. Thomas Jefferson Elementary School
    - a. Lunch Shelter: Install Fluid-Applied Restoration system, district to paint underside
- Roof Recover Scope of Work (Buildings highlighted in orange and yellow)
  - 2. Prior to any work, the contractor is to test the drains. Contractor to ensure the drains are not clogged and are not leaking. Drains to be tested and approved by the District before any installation.
  - 3. Prep the roof for recover:
    - Remove all non-functioning equipment and any marked curbs no longer in use. Deck these areas in.
    - Remove and replace all areas of wet insulation in like-kind, as noted on project documents. Tie-in to existing roof. Additional areas of wet insulation replacement to be priced per square foot.
    - Clean roofs of all dust, dirt, and debris. Remove all loose, flaking, or deteriorated coatings. Remove all silicone coatings and sealants.
    - Remove all blisters, wrinkles and mole runs in roof membrane. Patch in like-kind materials to tie-in to existing
    - Install crickets on high side of all equipment as needed to eliminate ponding.

Wood / Metal Decks: Mechanically fasten new ½" perlite coverboard per approved wind uplift pattern.

- Exception for all wood deck canopies/walkways: Adhere new 1/2" perlite coverboard with Insul-Lock HR per approved wind uplift adhesive spacing.
- Metal deck canopies/walkways to receive fasteners in valleys with no fasteners exposed on underside.

Concrete Deck: Adhere new 1/2" perlite coverboard with Insul-Lock HR per approved wind uplift adhesive spacing.

- 4. Install one ply Flexbase E 80 set in GreenLock membrane adhesive applied at a minimum 2.5 gal/100sf
  - a. If the slope exceeds 3:12, contractor to install Greenlock Flashing Adhesive at a rate of 3 gal per sq.
- 5. Install one ply KEE-Stone HP set in KEE-Lock spatter spray foam adhesive applied per product wind uplift criteria and datasheets.
- 6. Flashings:
  - Base Flashing Ply: Flexbase E 80.
  - Base Flashing Adhesive: Greenlock Flashing Membrane applied at 3 gal per sq.
  - Cap Sheet Flashing ply: KEE Stone NF Flashing
  - Cap Sheet Adhesive: KEE Lock WB Flashing Adhesive applied at a rate of 1 gal per sq. d.
  - Flashing Plies: All flashing plies to be terminated with termination bar set in butyl tape. Fasten termination bar every 2" o.c. Caulk above the termination bar.
  - Edge Metal: Replace all. Comply with manufacturer detail. Edge metal to sit on Flexbase E 80 sheet, set in mastic, and primed. Install Flexbase E 80 strip-in sheet. KEE Stone HP sheet and KEE Stone NF Flashing to
  - Counterflashing: All flashing plies to be terminated as high as possible under the existing counterflashing metal with termination bar set in butyl tape. Caulk above the termination bar. Fasten termination bar every 2" o.c. Install 22 gauge, galvanized skirt metal flashing to existing counterflashing metal.
  - Parapet Walls: Wrap the flashing plies up and over the wood nailer, extending down the exterior wall 2". Cap sheet flashing ply to be on walls in excess of 2.5 feet, Flexbase E 80 set in Greenlock Flashing adhesive only to extend up the wall 2.5 feet and terminate with a termination bar. KEE Stone NF Flashing ply to extend up the entire wall set in KEE Lock WB Flashing Adhesive.
  - Lead Flashings: Install new KEE Boots. Clamp and caulk and install an umbrella cover, clamped and caulked. No pitch pockets permitted. All "L" metal to receive a wood block prior to the pipe boot install.
  - Expansion Joint: Install new rubber expansion joints in the field. Patch and repair expansion joints at the vertical wall to field.
  - Drains: Install lead flashings per manufacturer detail.
  - Scuppers: Install new metal lining per manufacturer details. Seal exterior leader head.
- 7. Duct Work & Metal Pans: All seams / fasteners / joints to be sealed with 4" Unibond ST tape and Cool-Sil coating at 2 gallons per 100SF. Coat all equipment, duct, and metal pans with Cool-Sil at 2 gallons per 100SF.
- 8. Sheet Metal: All sheet metal to be ANSI SPRI ES-1 compliant. All metal to be manufactured by The Garland Company.
  - a. Coping: Replace all existing coping cap, as well as install coping cap metal at all parapet walls. Install wood nailer as required. Install 22 gauge, kynar coping - fabricated from RMER SS Flat Stock. Coping to be fastened

- with metal cleats per approved wind-uplift calculations. No exposed fasteners. District to determine color.
- Gutters: Replace all existing gutters. Install 22 gauge, kynar gutters fabricated from RMER SS Flat Stock. All gutters to be 5"x5"x5" box gutters.
- Perimeter Edge: Remove and replace all edge metal. Install new edge metal- fabricated from RMER SS Flat Stock. Abrade metal surface and prime with Garla-Prime prior to application of roofing membrane.
- Add Alternate: Metal Fascia: All metal fascia is to be replaced with new metal fascia. Color to be selected by District. Fabricate from RMER SS Flat Stock to match existing style.
- Wood fascia replacement to be priced per linear foot. All new fascia to be primed and painted to match existing color.
- Interior Walls: Install new 22 gauge, reglet skirt metal flashing. Flashing plies to be set as high as possible. Terminate materials with termination bar set in butyl tape fastened every 6" o.c.. Seal above the term bar with Tuff-Stuff MS Sealant. Fasten skirt metal to existing counterflashing metal. Fabricate from RMER SS Flat Stock
- 9. Place all conduit on new rubber blocks, no wood supports.
- 10. Remove and replace all rusted and damaged vent covers.
- 11. All fasteners to be fastened to the vertical side of the edge metal. No penetrations on horizontal side of edge metal or
- 12. All drains to be sumped where possible. All broken or damaged drains to be replaced. Drain domes and drain rings to be replaced. Copper drains are not permitted. Lead flash all drains as per manufacturer detail.
- 13. Install Garland WPG KEE Walkways around all mechanical units. Walkways are not to be installed over field seams.
- 14. Install new splash pans for all internal downspouts.
- 15. Replace metal pans that are rusted. Replace all damaged pans with new seamless sheet metal.
- 16. Interior walls and parapets- Seal all voids and penetrations with Tuff-Stuff MS Sealant. Coat walls with Tuff Coat applied in a two coat application at 1 gallon per 100SF per coat for a total of 2 gallons per 100SF of coverage. Color to be selected by District.
- 17. White roofs only- all products used are to be white in color unless otherwise specified. Any significant markings left on roof to be removed and/or coated white.
- 18. The contractor is responsible for ensuring positive drainage and no ponding conditions.
- Roof Replacement Scope of Work (Buildings highlighted in blue)
  - 1. Prior to any work, the contractor is to test the drains. Contractor to ensure the drains are not clogged and are not leaking. Drains to be tested and approved by the District before any installation.
  - 2. Remove the existing roof system to the structural deck. District to mark any non-functioning equipment. All marked equipment to be removed during demolition.
  - 3. Repair any damaged decking as required. Contractor to include 7% deck replacement in the base bid. If the amount of deck replacement exceeds 7%, the contractor is to receive a change order equal to the unit price for deck replacement per sq ft multiplied by the sq ft in excess of the amount included in the base bid amount. If the amount of deck replacement is less than 7%, the contractor is to provide a credit.
  - 4. If insulation is previously installed, Install new polyiso insulation to match existing height. Mechanically fasten ½" Perlite coverboard per approved wind-uplift pattern. If no insulation, Mechanically fasten Type-II Base Sheet.
  - 5. Install one ply Flexbase E 80 set in GreenLock membrane adhesive applied at a minimum 2.5 gal/100sf.
    - a. If the slope exceeds 3:12, contractor to install Greenlock Flashing Adhesive at a rate of 3 gal per sg.
  - 6. Install one ply KEE-Stone HP set in KEE-Lock spatter spray foam adhesive applied per product wind uplift criteria and

WC. ARLAND COMPANY
AST 91st STREET - CLEVELAND, OHIO 44105-21,
PHONE (800) 321-9336 / FAX (216) 641-0633 GARLAND

BURBANK SCHOOL

RSON ELE School Dis

THOMAS JEFFER Burbank Unified S

SHEET:

# SCOPE OF WORK:

### 7. Flashings:

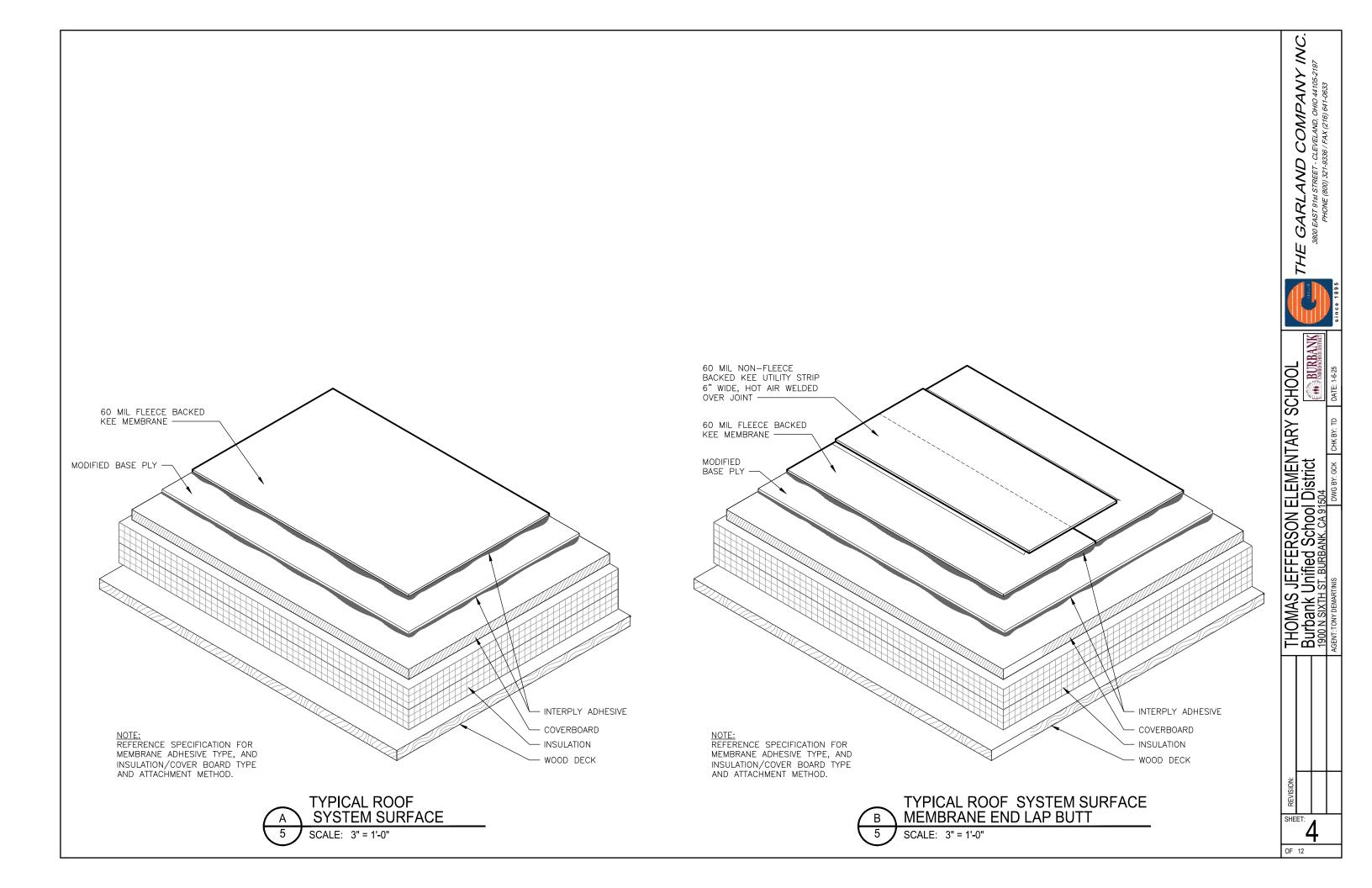
- a. Base Flashing Ply: Flexbase E 80.
- b. Base Flashing Adhesive: Greenlock Flashing Membrane applied at 3 gal per sq.
- Cap Sheet Flashing ply: KEE Stone NF Flashing
- Cap Sheet Adhesive: KEE Lock WB Flashing Adhesive applied at a rate of 1 gal per sq.
- Flashing Plies: All flashing plies to be terminated with termination bar set in butyl tape. Fasten termination bar every 2" o.c. Caulk above the termination bar.
- Edge Metal: Replace all. Comply with manufacturer detail. Edge metal to sit on Flexbase E 80 sheet, set in mastic, and primed. Install Flexbase E 80 strip in sheet. KEE Stone HP sheet and KEE Stone NF Flashing to be applied above.
- Counterflashing: All flashing plies to be terminated as high as possible under the existing counterflashing metal with termination bar set in butyl tape. Fasten termination bar every 2" o.c. Caulk above the termination bar. Install 22 gauge, galvanized skirt metal flashing to existing counterflashing metal.
- h. Parapet Walls: Wrap the flashing plies up and over the wood nailer, extending down the exterior wall 2". Cap sheet flashing ply to be on walls in excess of 2.5 feet, Flexbase E 80 set in Greenlock Flashing adhesive only to extend up the wall 2.5 feet and terminate with a termination bar. KEE Stone NF Flashing ply to extend up the entire wall set in KEE Lock WB Flashing Adhesive.
- Lead Flashings: Install new KEE Boots. Clamp and caulk and install an umbrella cover, clamped and caulked. No pitch pockets permitted. All "L" metal to receive a wood block prior to the pipe boot install.
- Expansion Joint: Install new rubber expansion joints in the field. Patch and repair expansion joints at the vertical wall to field.
- Drains: Install lead flashings per manufacturer detail.
- Scuppers: Install new metal lining per manufacturer details. Seal exterior leader head.
- Duct Work & Metal Pans: All seams / fasteners / joints to be sealed with 4" Unibond ST tape and Cool-Sil coating at 2 gallons per 100SF. Coat all equipment, duct, and metal pans with Cool-Sil at 2 gallons per 100SF.
- Sheet Metal: All sheet metal to be ANSI SPRI ES-1 compliant. All metal to be manufactured by The Garland Company
  - a. Coping: Replace all existing coping cap, as well as install coping cap metal at all parapet walls. Install wood nailer as required. Install 22 gauge, kynar coping - fabricated from RMER SS Flat Stock. Coping to be fastened with metal cleats per approved wind-uplift calculations. No exposed fasteners. District to determine color.
  - b. Gutters: Replace all existing gutters. Install 22 gauge, kynar gutters fabricated from RMER SS Flat Stock. All gutters to be 5"x5"x5" box gutters.
  - Perimeter Edge: Remove and replace all edge metal. Install new edge metal- fabricated from RMER SS Flat Stock. Abrade metal surface and prime with Garla-Prime prior to application of roofing membrane.
  - Add Alternate: Metal Fascia: All metal fascia is to be replaced with new metal fascia. Color to be selected by District. Fabricate from RMER SS Flat Stock to match existing style.
  - Wood fascia replacement to be priced per linear foot. All new fascia to be primed and painted to match existing
  - Interior Walls: Install new 22 gauge, reglet skirt metal flashing. Flashing plies to be set as high as possible. Terminate materials with termination bar set in butyl tape fastened every 6" o.c.. Seal above the term bar with Tuff-Stuff MS Sealant. Fasten skirt metal to existing counterflashing metal. Fabricate from RMER SS Flat Stock
- 10. Place all conduit on new rubber blocks, no wood supports.
- 11. Remove and replace all rusted and damaged vent covers.
- 12. All fasteners to be fastened to the vertical side of the edge metal. No penetrations on horizontal side of edge metal or
- 13. All drains to be sumped where possible. All broken or damaged drains to be replaced. Drain domes and drain rings to be replaced. Copper drains are not permitted. Lead flash all drains as per manufacturer detail.
- 14. Install Garland WPG KEE Walkways around all mechanical units. Walkways are not to be installed over field seams.
- 15. Install new splash pans for all internal downspouts.
- 16. Replace metal pans that are rusted. Replace all damaged pans with new seamless sheet metal.
- 17. Interior walls and parapets- Seal all voids and penetrations with Tuff-Stuff MS Sealant. Coat walls with Tuff Coat applied in a two coat application at 1 gallon per 100SF per coat for a total of 2 gallons per 100SF of coverage. Color to be selected by District.
- 18. White roofs only- all products used are to be white in color unless otherwise specified. Any significant markings left on roof to be removed and/or coated white.
- 19. The contractor is responsible for ensuring positive drainage and no ponding conditions.
- Shingle Replacement Scope of Work (Buildings highlighted in purple)
- Remove the existing roof system to the structural deck.
- 2. Repair any damaged decking as required. Contractor to include 7% deck replacement in the base bid. If the amount of deck replacement exceeds 7%, the contractor is to receive a change order equal to the unit price for deck replacement

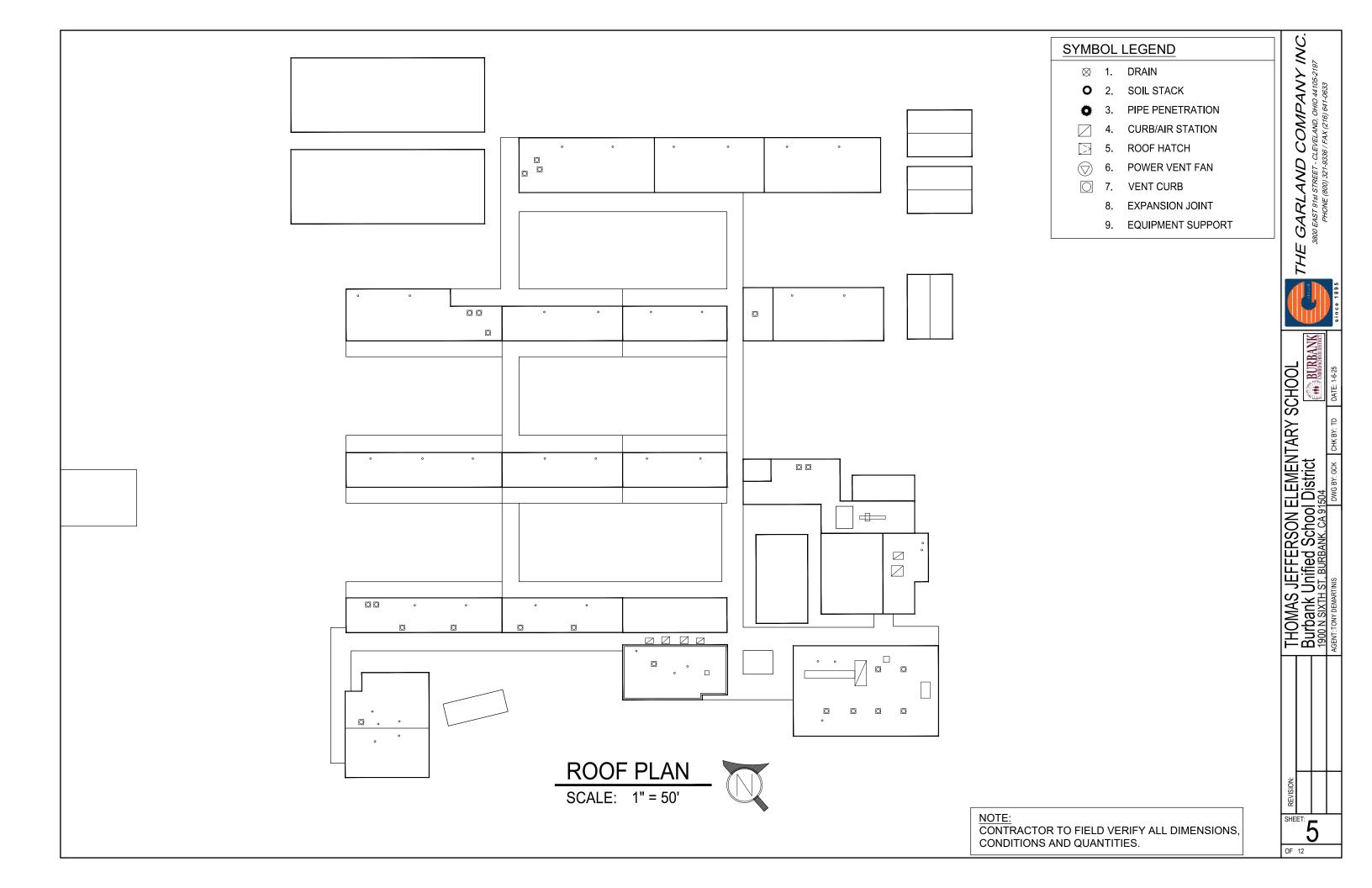
per sq ft multiplied by the sq ft in excess of the amount included in the base bid amount. If the amount of deck replacement is less than 7%, the contractor is to provide a credit.

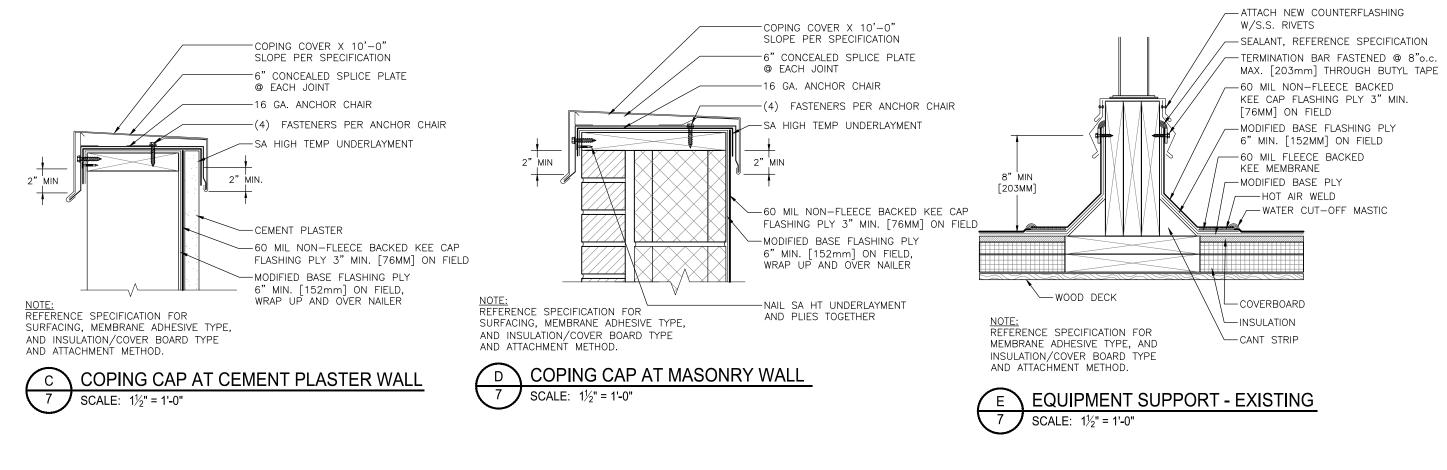
- Apply HPR SA FR Base Sheet to entire field and flashings.
- Apply SBS modified, self-adhering RMer Seal to entire field and flashings.
- Flashings:
  - a. Vents: Re-use the existing vent crickets.
  - b. Metal Edge: Install 22 gauge, kynar edge metal over the HPR SA FR Base Sheet. Set in mastic. Fasten every 2" o.c. Edge metal to have a 4" face. District to determine color.
  - c. Gutter: Replace all existing gutters. Install 22 gauge, kynar gutters fabricated from RMER SS Flat Stock. All gutters to be 5"x5"x5" box gutters.
  - Ridge Vent: Tape all vent seams with Unibond ST 4" tape. Caulk any fastener. Paint the vents to District determined color.
- Install 30 year, asphalt,. Class A, ANSI/UL790 shingle GAF Timberline or equal. Install per manufacturer guidelines. Fluid-Applied Restoration Scope of Work (Buildings highlighted in pink)
- 1. Powerwash the existing roof system with simple green. Remove any dirt and debris. Ensure no moisture on the roof prior to applying any coating material.
- Caulk all fasteners with Tuff Stuff True White.
- Rusted Areas: Wire brush all rusted metal areas. Where too severe, rusted area to be cut and removed. Install new 22 gauge, galvanized sheet, overlapping over the existing panel 4". Set in butyl tape and pop rivet every 2" o.c.
- Replace all bent or damaged panels to match existing.
- Apply Unibond ST 4" tape to all seams.
- Apply silicone, Title 24 white coating Cool Sil -- at 2.5 gal per sq. to the roof field and flashings.
- 7. Sheet Metal:
- Replace all existing gutters. Install 22 gauge, kynar gutters fabricated from RMER SS Flat Stock. All gutters to be 5"x5"x5" box gutters.

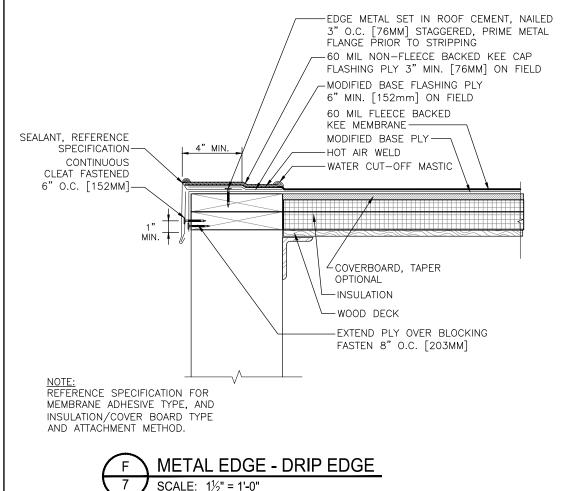
WC. ARLAND COMPANY
AST 91st STREET - CLEVELAND, OHIO 44105-21s
PHONE (800) 321-9336 / FAX (216) 641-0633 GARLAND

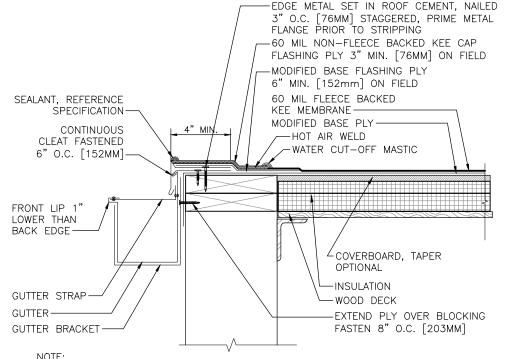
SHEET:





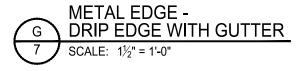






1. REFERENCE SPECIFICATION FOR MEMBRANE ADHESIVE TYPE, AND INSULATION/COVER BOARD TYPE AND ATTACHMENT METHOD.

2. INSTALL COMPONENTS TO MAINTAIN POSITIVE DRAINAGE TO THE GUTTER.

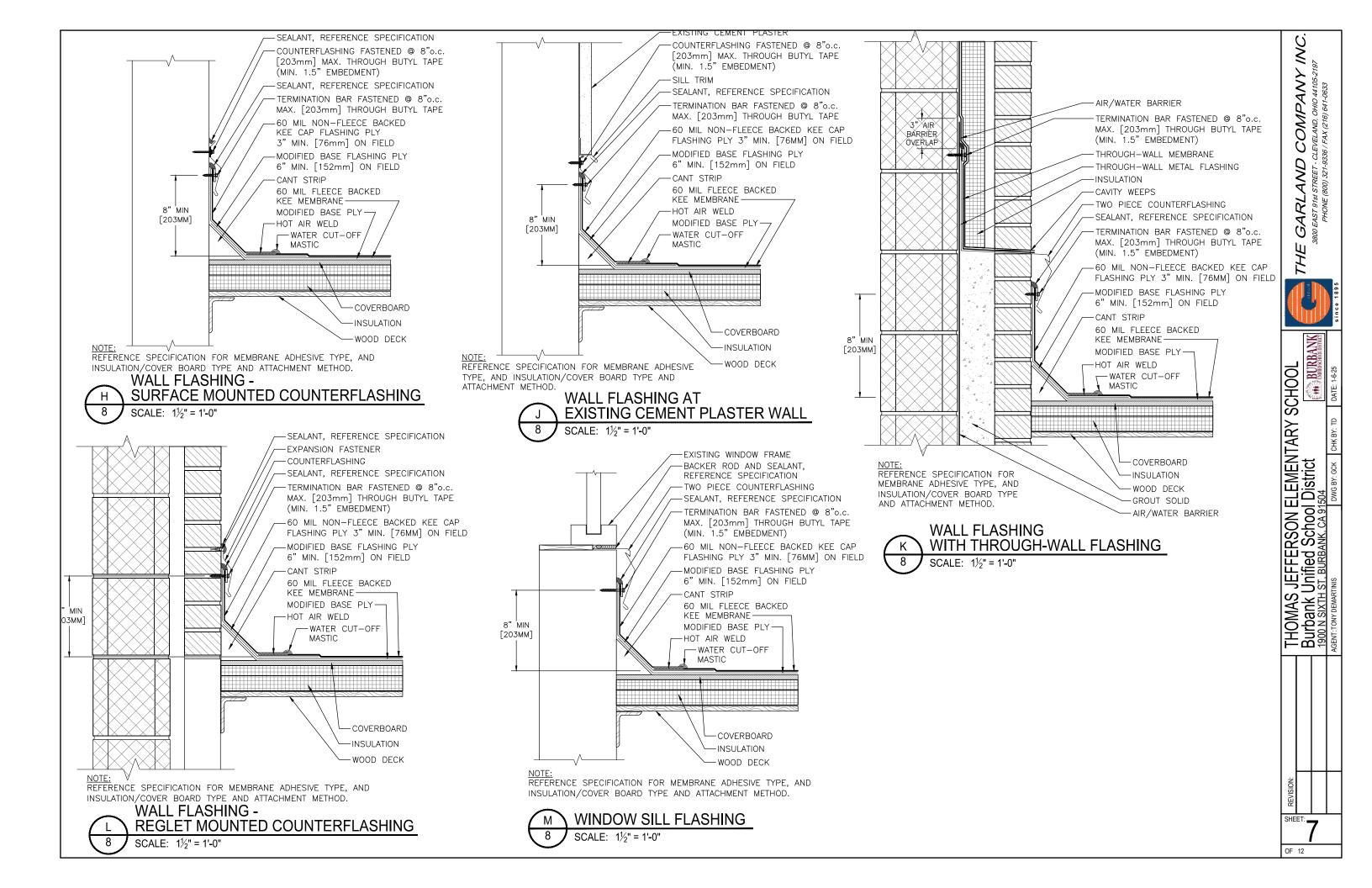


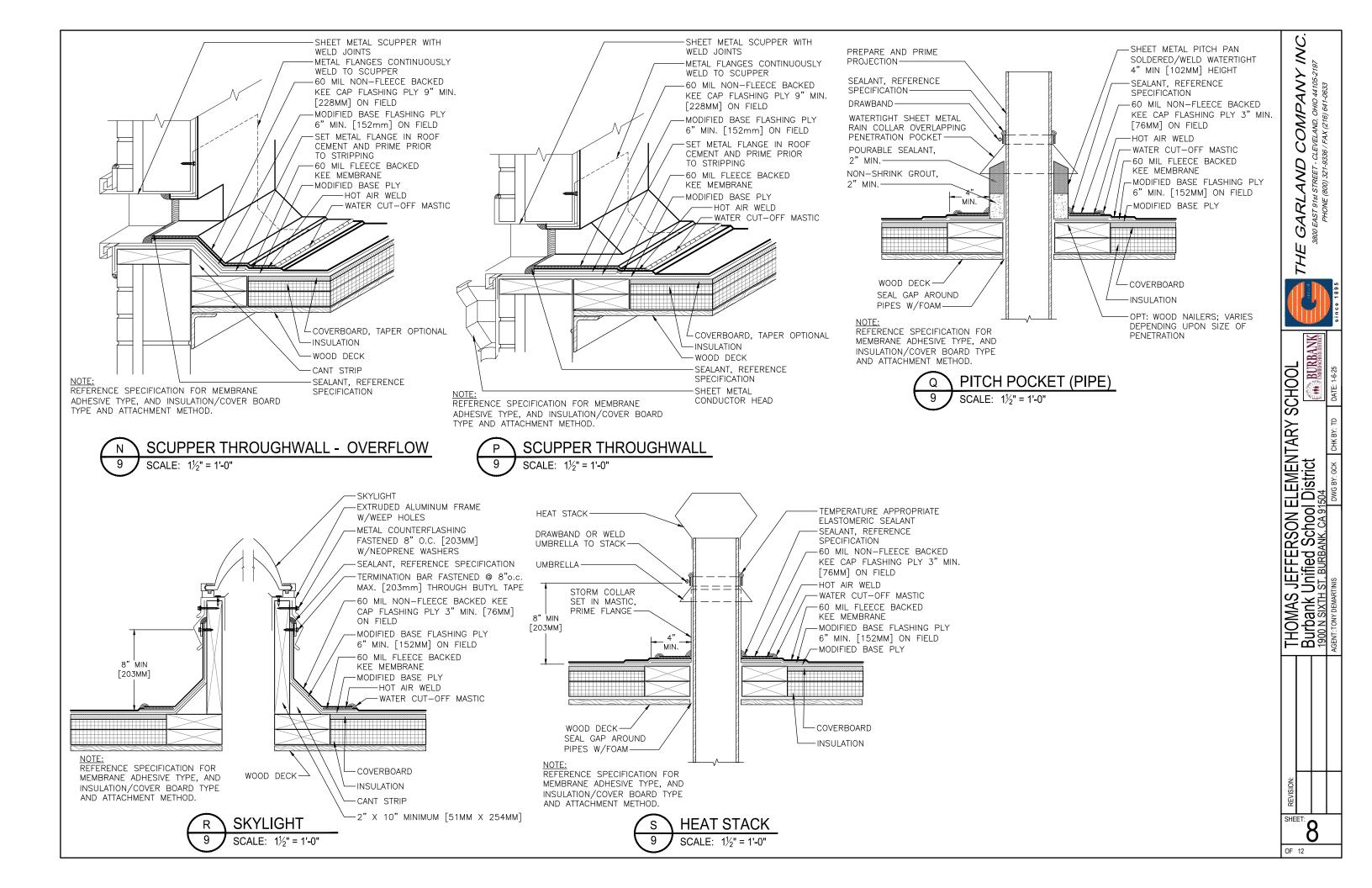
BURBANK
DATE- 1 0 CT SCHOOL THOMAS JEFFERSON ELEMENTARY Burbank Unified School District 1900 N SIXTH ST. BURBANK, CA 91504 SHEET: 6

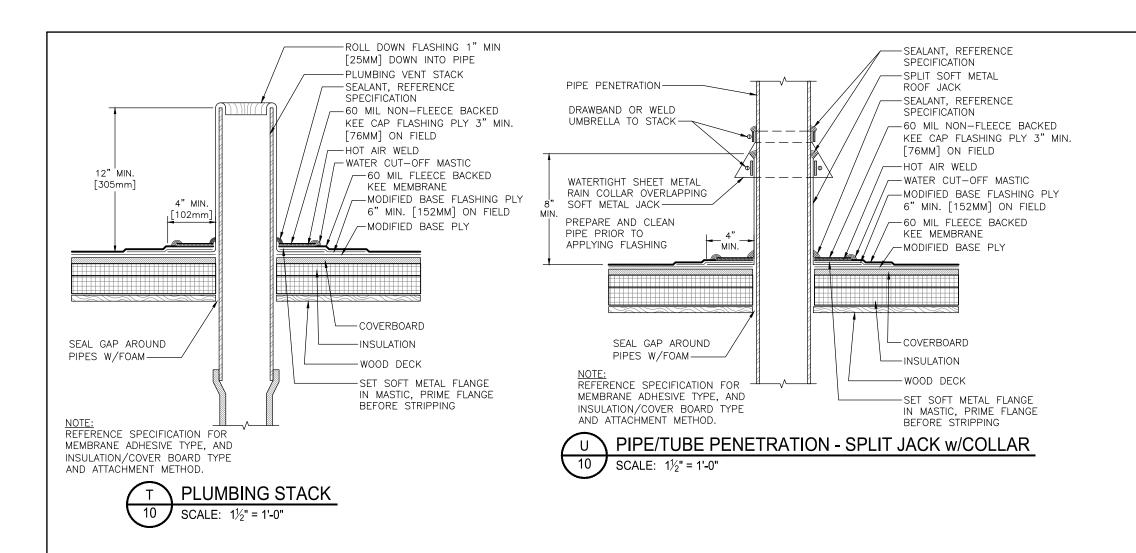
, WC.

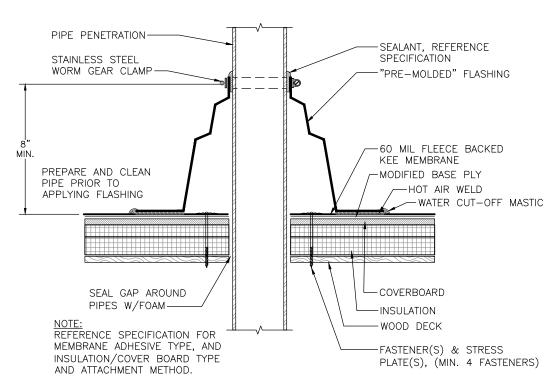
ARLAND COMPANY EAST 91st STREET - CLEVELAND, OHIO 44105-21 PHONE (800) 321-9336 / FAX (216) 641-0633

GARLAND







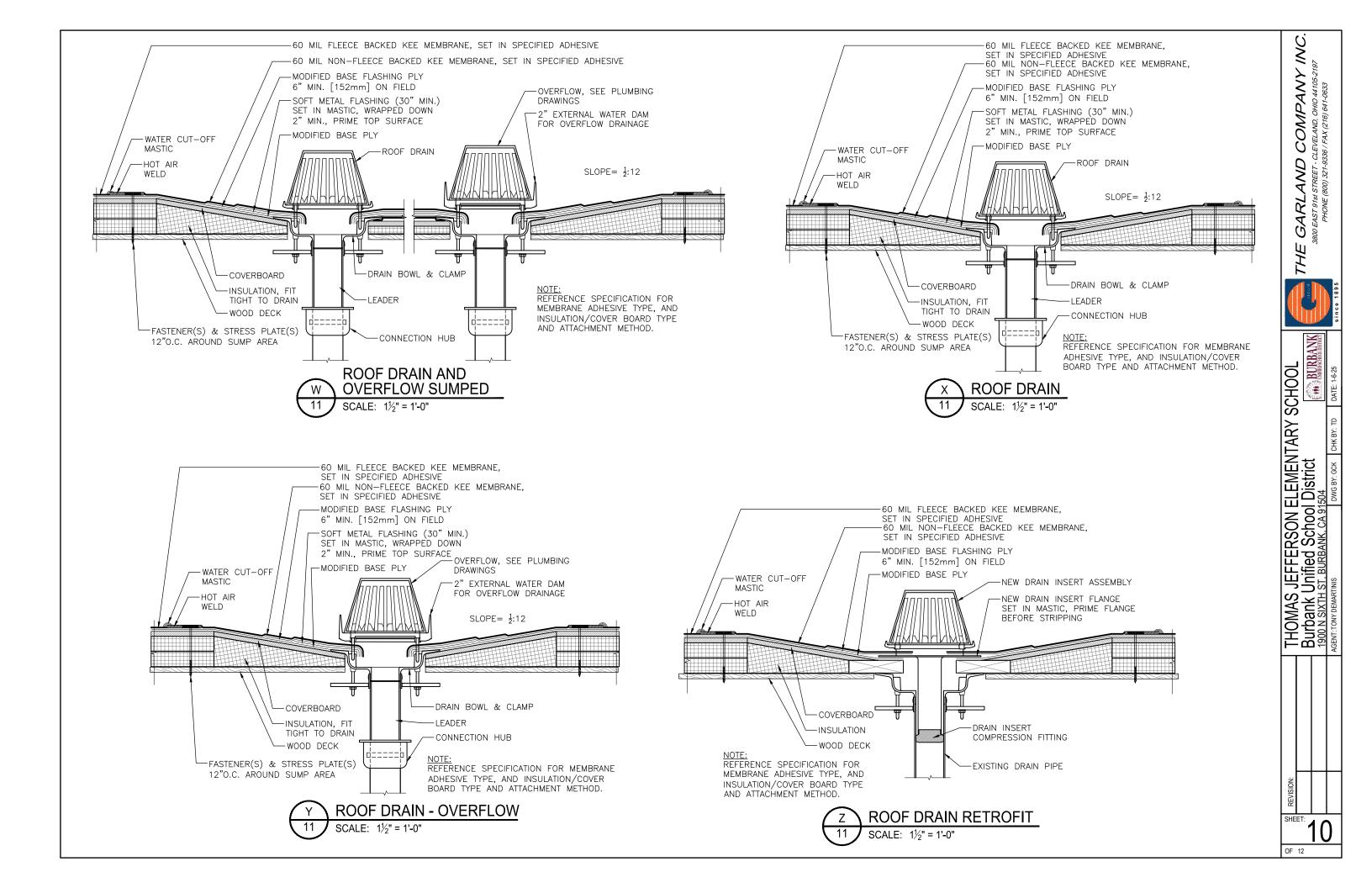


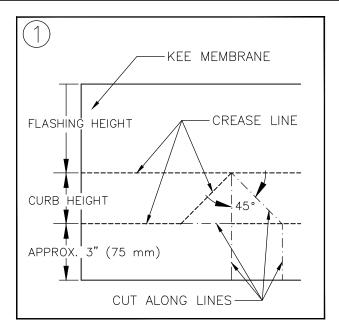
PIPE/TUBE PENETRATION - PRE-MOLDED FLASHING

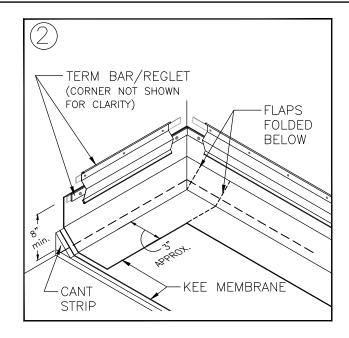
SCALE: 1½" = 1'-0"

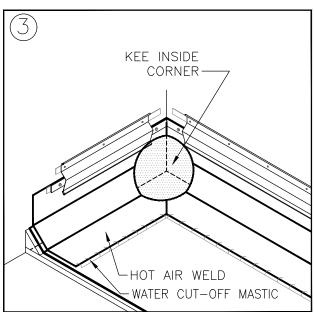
INC. ARLAND COMPANY EAST 91st STREET - CLEVELAND, OHIO 44105-215 PHONE (800) 321-3336 / FAX (216) 641-0633 GARLAND BURBANK
DATE: 10.00 **SCHOOL** THOMAS JEFFERSON ELEMENTARY Burbank Unified School District 1900 N SIXTH ST. BURBANK, CA 91504 SHEET 9

OF 12





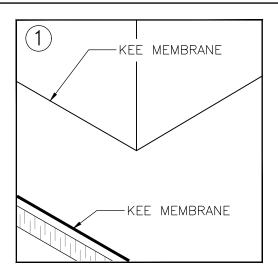


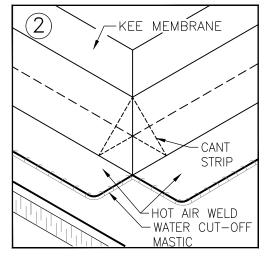


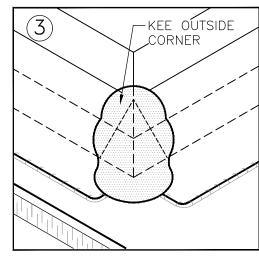
### NOTES:

1. APPROXIMATELY 1/8" (3 mm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED MEMBRANE.









## NOTES:

1. APPROXIMATELY 1/8" (3 mm) DIAMETER BEAD OF CUT-EDGÉ SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED MEMBRANE.

PRE-MOLDED OUTSIDE CORNER FLASHING SCALE: NTS

\*ARLAND COMPANY INC. EAST 91st STREET - CLEVELAND, OHIO 44105-2197 PHONE (800) 321-9336 / FAX (216) 641-0633 GARLAND

BURBANK

INNED SCHOOL DISTRICT

DATE: 1-6-25

THOMAS JEFFERSON ELEMENTARY SCHOOL
Burbank Unified School District
1900 N SIXTH ST. BURBANK, CA 91504
INNORVEMARTINS
INNORVEMARTINS
INNORVEMARTINS
INNORVEMARTINS
INNORVEMBRINS
INNORVEM

SHEET: 12

OF 12