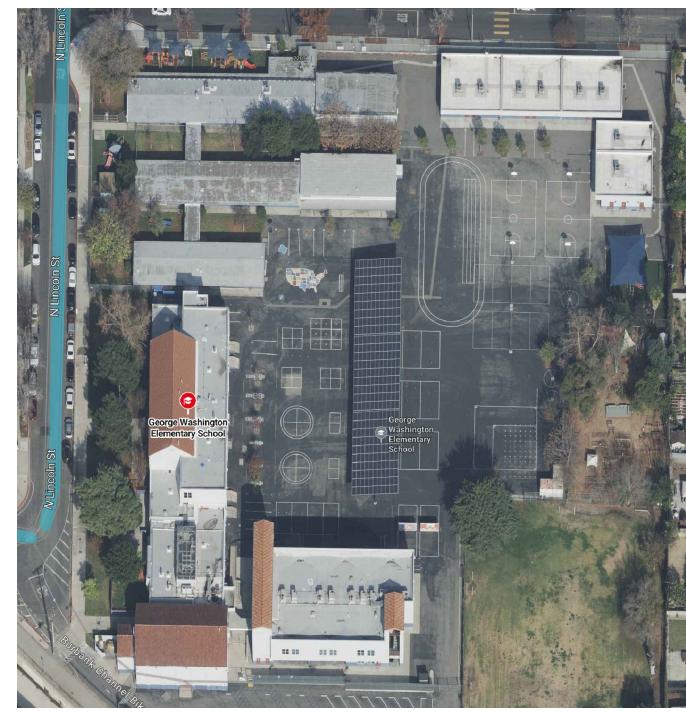
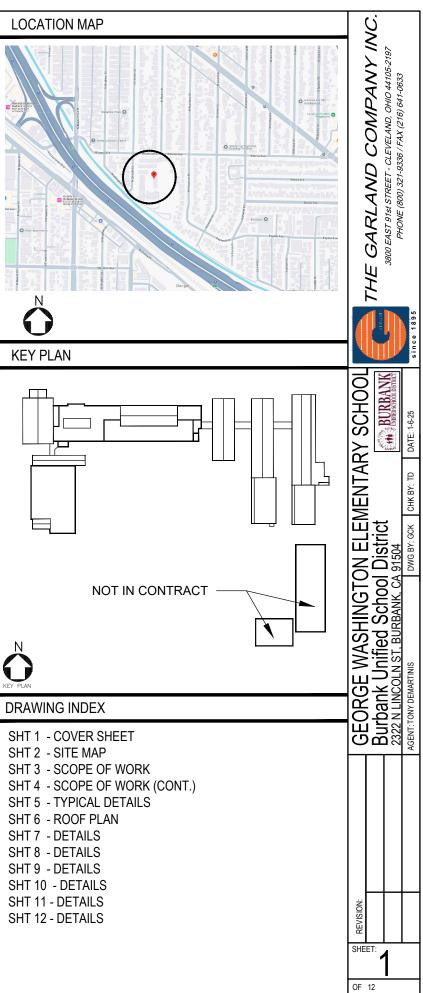


GEORGE WASHINGTON ELEMENTARY SCHOOL 2322 N LINCOLN ST, BURBANK, CA 91504



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COLOR LEGEND

- YELLOW: RECOVER- MECHANICALLY FASTENED
 - ORANGE: RECOVER- ADHERED WITH INSUL-LOCK HR ADHESIVE
- BLUE: REMOVE AND REPLACE
- GREEN: TILE RESET





PURPLE: SHINGLE REPLACEMENT BROWN: PEDESTRIAN TRAFFIC COATING RESTORATION PINK: FLUID-APPLIED RESTORATION RED: NOT IN CONTRACT

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



SCOPE OF WORK:

- Α. Provide all labor, equipment, and miscellaneous materials to install District purchased and furnished roofing materials over the properly prepared substrate.
- В. 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.
- C. 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.
- D. Site Specific Instructions:
 - 1. George Washington Elementary School
 - a. Building 1: Replace metal expansion joint cover with 22 Gauge RMER SS Flat Stock.
 - b. Ensure all HVAC units are installed on proper equipment platforms. Install new platforms as needed.
- Ε. 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:
 - a. Remove all non-functioning equipment and any marked curbs no longer in use. Deck these areas in.
 - b. 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.
 - c. Clean roofs of all dust, dirt, and debris. Remove all loose, flaking, or deteriorated coatings. Remove all silicone coatings and sealants.
 - d. Remove all blisters, wrinkles and mole runs in roof membrane. Patch in like-kind materials to tie-in to existing roof.
 - e. Install crickets on high side of all equipment as needed to eliminate ponding.

Wood / Metal Decks: Mechanically fasten new 1/2" perlite coverboard per approved wind uplift pattern.

- f. Exception for all wood deck canopies/walkways: Adhere new 1/2" perlite coverboard with Insul-Lock HR per approved wind uplift adhesive spacing.
- g. 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.
- Install one ply KEE-Stone HP set in KEE-Lock spatter spray foam adhesive applied per product wind uplift criteria and 5. datasheets.
- 6. Flashings:
 - a. Base Flashing Ply: Flexbase E 80.
 - b. Base Flashing Adhesive: Greenlock Flashing Membrane applied at 3 gal per sq
 - c. Cap Sheet Flashing ply: KEE Stone NF Flashing
 - d. Cap Sheet Adhesive: KEE Lock WB Flashing Adhesive applied at a rate of 1 gal per sg.
 - e. 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.
 - f. 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.
 - g. 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.

- entire wall set in KEE Lock WB Flashing Adhesive.
- pitch pockets permitted. All "L" metal to receive a wood block prior to the pipe boot install.
- wall to field.
- k. Drains: Install lead flashings per manufacturer detail.
- I. 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.
 - metal cleats per approved wind-uplift calculations. No exposed fasteners. District to determine color.
 - autters to be 5"x5"x5" box autters.
 - Stock. Abrade metal surface and prime with Garla-Prime prior to application of roofing membrane.
 - d. 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.
 - color.
 - f. Interior Walls: Install new 22 gauge, reglet skirt metal flashing. Flashing plies to be set as high as possible.
- 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 coping.
- 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 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.

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

i. Lead Flashings: Install new KEE Boots. Clamp and caulk and install an umbrella cover, clamped and caulked. No

j. Expansion Joint: Install new rubber expansion joints in the field. Patch and repair expansion joints at the vertical

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

b. Gutters: Replace all existing gutters. Install 22 gauge, kynar gutters - fabricated from RMER SS Flat Stock. All

c. Perimeter Edge: Remove and replace all edge metal. Install new edge metal- fabricated from RMER SS Flat

e. Wood fascia replacement to be priced per linear foot. All new fascia to be primed and painted to match existing

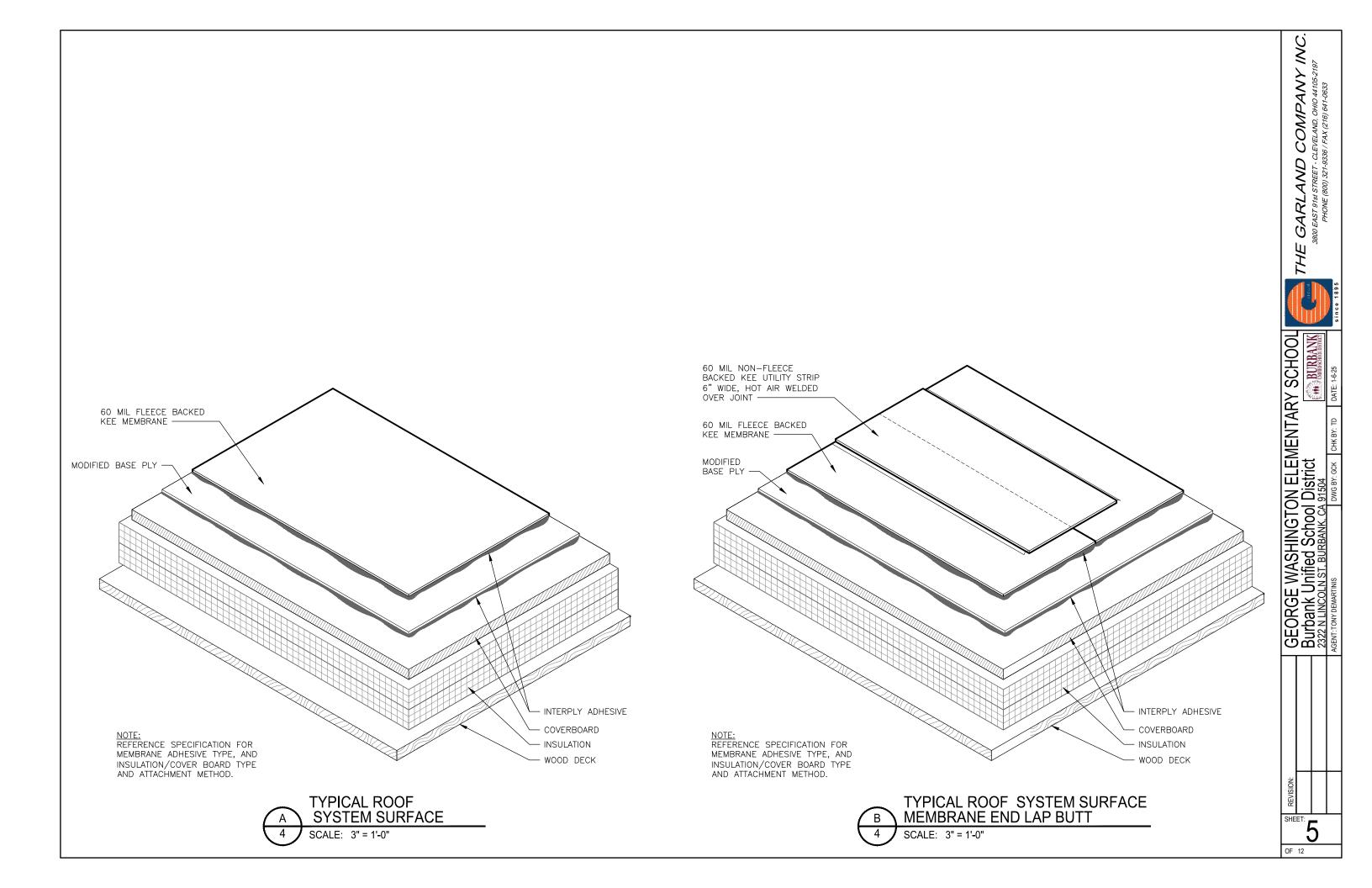
Terminate materials with termination bar set in butyl tape fastened every 6" o.c.. Seal above the term bar with Tuff-Stuff MS Sealant. Fasten skirt metal to existing counterflashing metal. Fabricate from RMER SS Flat Stock

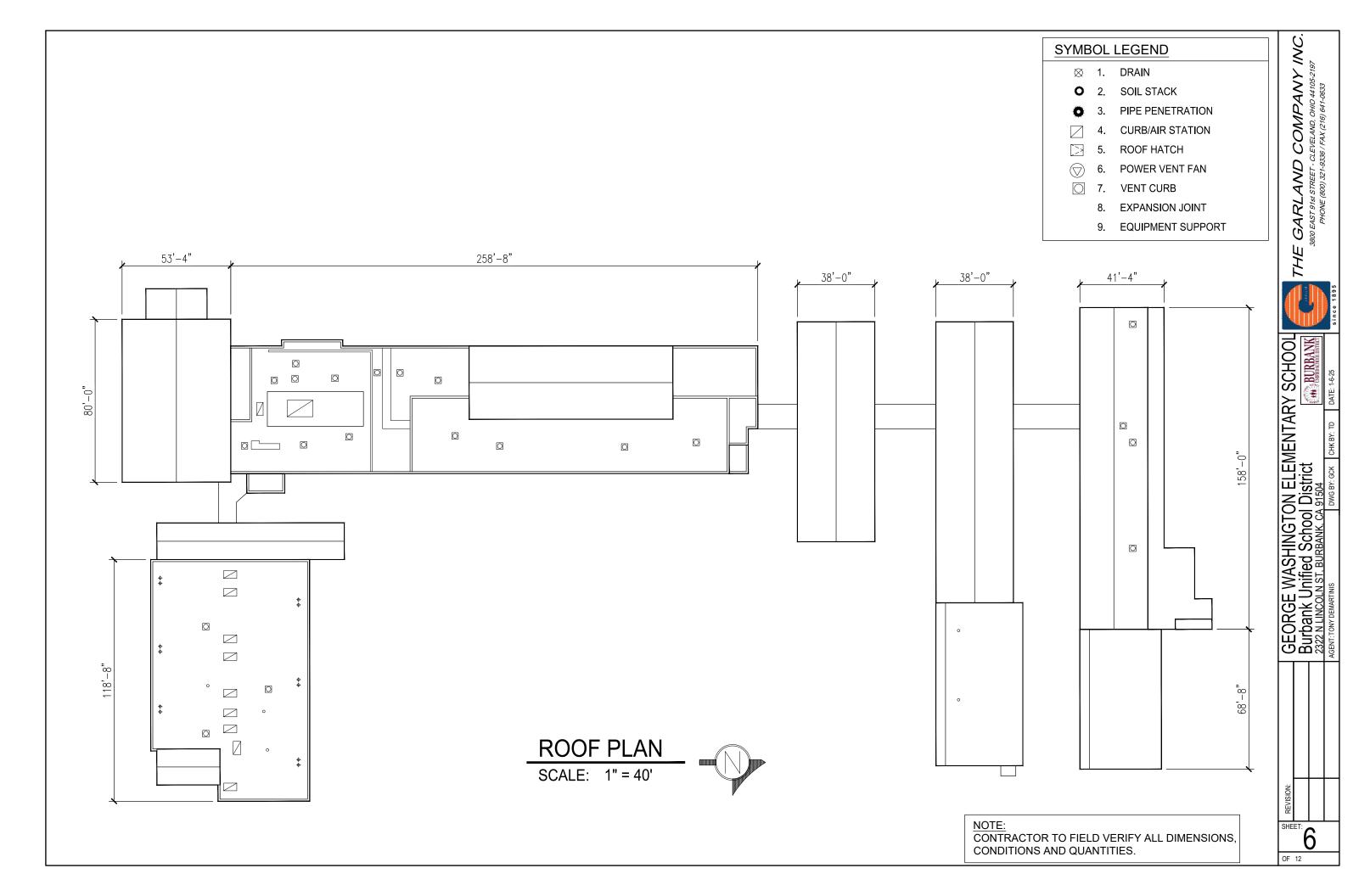
applied in a two coat application at 1 gallon per 100SF per coat for a total of 2 gallons per 100SF of coverage. Color to

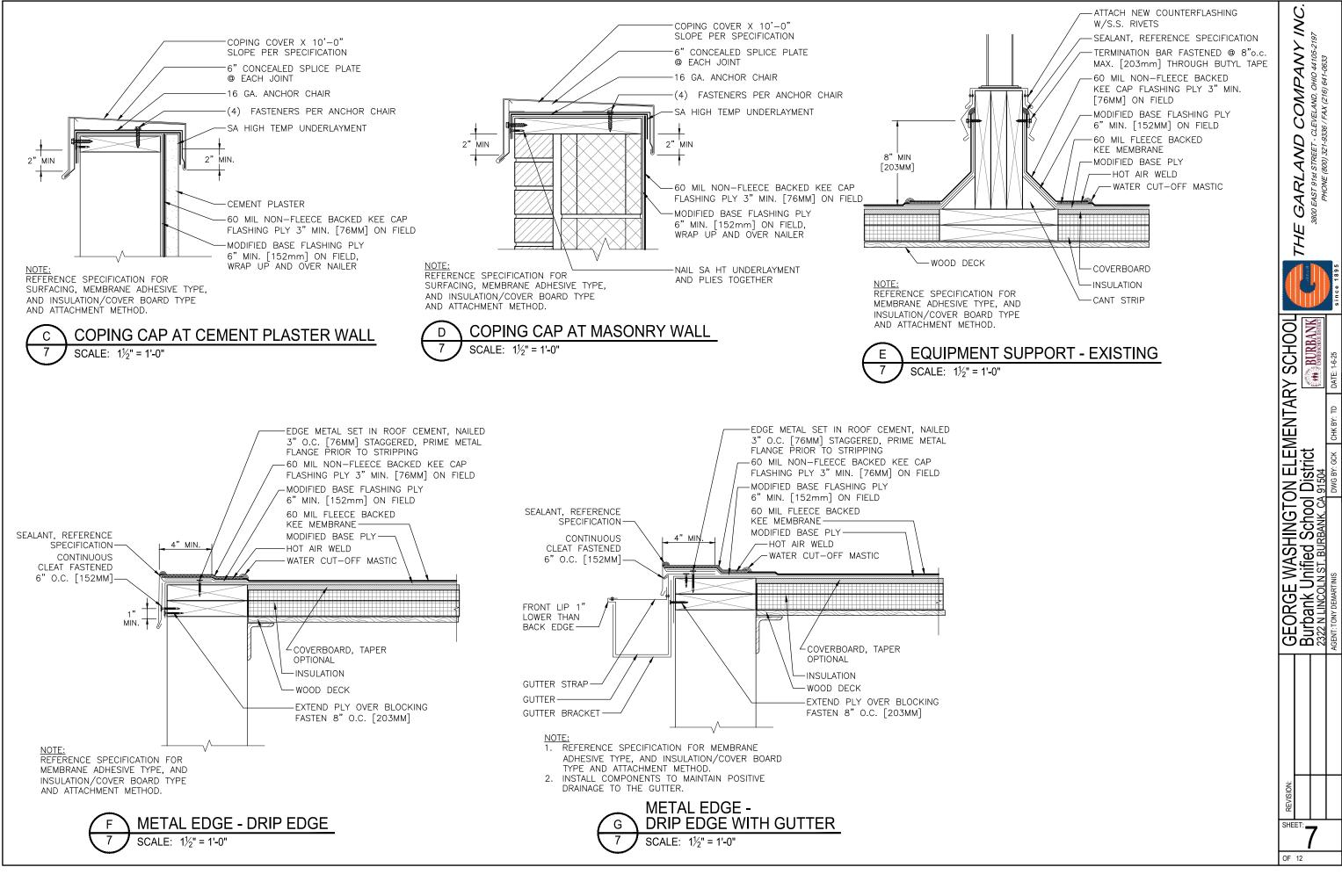


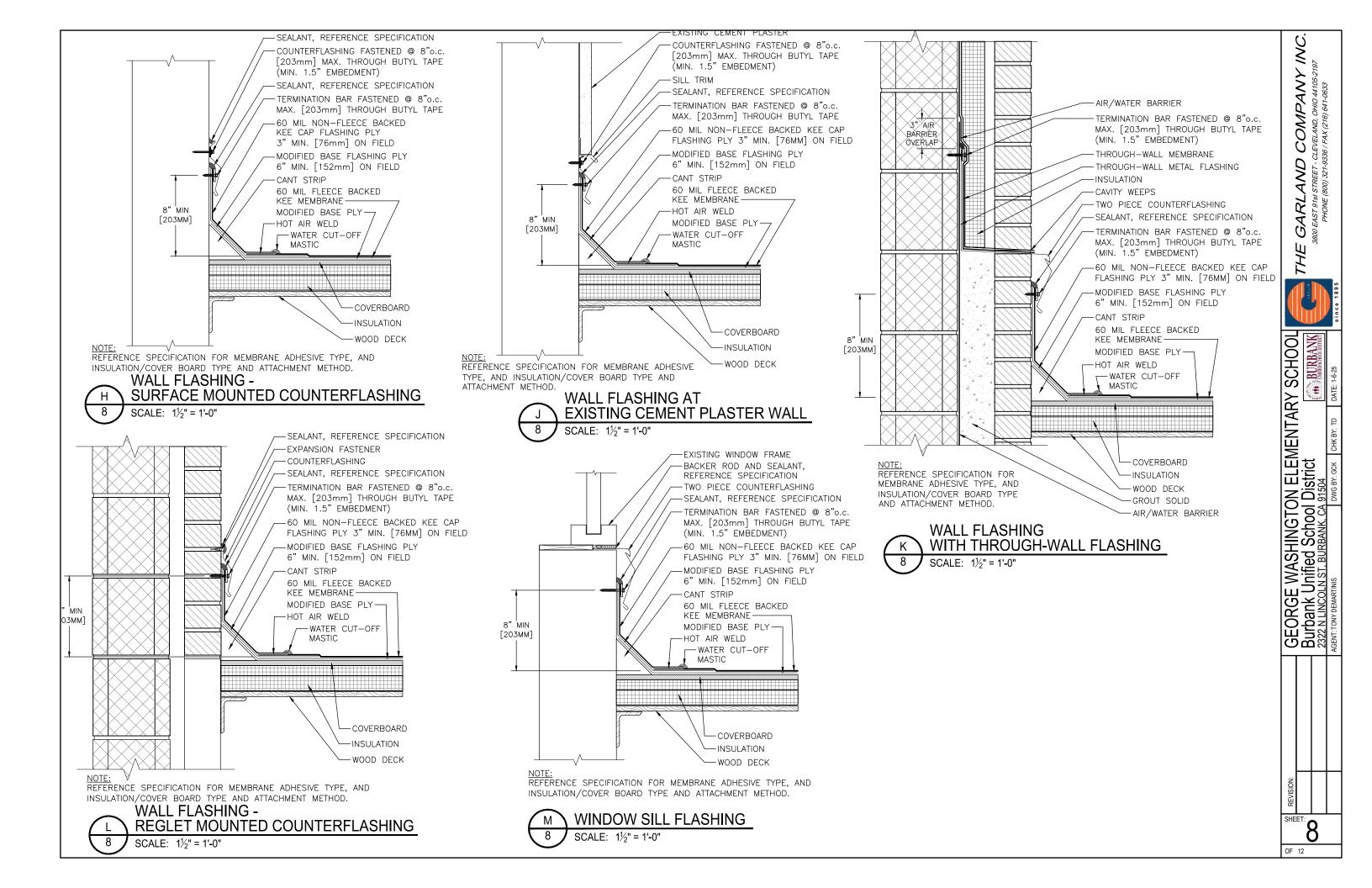
	Roof Replacement Scope of Work (Buildings highlighted in blue)		Stock. Abrade metal surface and prime with (
	Prior to any work, the contractor is to test the drains. Contractor to ensure the drains are not clogged and are not leaking. Drains to be tested and approved by the District before any installation.		 Add Alternate: Metal Fascia: All metal fascia District. Fabricate from RMER SS Flat Stock
2.	Remove the existing roof system to the structural deck. District to mark any non-functioning equipment. All marked		e. Wood fascia replacement to be priced per lin
3	equipment to be removed during demolition. Repair any damaged decking as required. Contractor to include 7% deck replacement in the base bid. If the amount of		color.
	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.		f. Interior Walls: Install new 22 gauge, reglet sk Terminate materials with termination bar set
	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.		Tuff-Stuff MS Sealant. Fasten skirt metal to e
5.	Install one ply Flexbase E 80 set in GreenLock membrane adhesive applied at a minimum 2.5 gal/100sf.		Place all conduit on new rubber blocks, no wood s
	a. If the slope exceeds 3:12, contractor to install Greenlock Flashing Adhesive at a rate of 3 gal per sq.		Remove and replace all rusted and damaged vent
	Install one ply KEE-Stone HP set in KEE-Lock spatter spray foam adhesive applied per product wind uplift criteria and	12.	All fasteners to be fastened to the vertical side of t coping.
	datasheets.	13.	All drains to be sumped where possible. All broker
	Flashings:		be replaced. Copper drains are not permitted. Lea
	a. Base Flashing Ply: Flexbase E 80.	14.	Install Garland WPG KEE Walkways around all me
	b. Base Flashing Adhesive: Greenlock Flashing Membrane applied at 3 gal per sq.	15.	Install new splash pans for all internal downspouts
		16.	Replace metal pans that are rusted. Replace all d
	c. Cap Sheet Flashing ply: KEE Stone NF Flashing d. Cap Sheet Adhesive: KEE Lock WB Flashing Adhesive applied at a rate of 1 gal per sq.	17.	Interior walls and parapets- Seal all voids and pen- applied in a two coat application at 1 gallon per 10
	e. 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.	18.	be selected by District. White roofs only- all products used are to be white roof to be removed and/or coated white.
		19	The contractor is responsible for ensuring positive
	f. 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	G.	Clay Tile Reset Scope of Work (Buildings highlig
	applied above. g. Counterflashing: All flashing plies to be terminated as high as possible under the existing counterflashing metal	1.	Remove the existing roof system to the structural of equipment to be removed during demolition.
	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.	2.	Repair any damaged decking as required. Contradeck replacement exceeds 7%, the contractor is to per sq ft multiplied by the sq ft in excess of the am
	h. Parapet Walls: Wrap the flashing plies up and over the wood nailer, extending down the exterior wall 2". Cap		replacement is less than 7%, the contractor is to p
	sheet flashing ply to be on walls in excess of 2.5 feet, Flexbase E 80 set in Greenlock Flashing adhesive only to	3.	Apply SA Primer to the structural deck at a rate of
	extend up the wall 2.5 feet and terminate with a termination bar. KEE Stone NF Flashing ply to extend up the	4.	Apply HPR SA FR Base Sheet to entire field and f
	entire wall set in KEE Lock WB Flashing Adhesive.	5.	Apply Terra Seal underlayment over the base she
	i. Lead Flashings: Install new KEE Boots. Clamp and caulk and install an umbrella cover, clamped and caulked. No	6.	Flashings / Sheet Metal:
	pitch pockets permitted. All "L" metal to receive a wood block prior to the pipe boot install. j. Expansion Joint: Install new rubber expansion joints in the field. Patch and repair expansion joints at the vertical		 All flashing plies to be terminated with a term the termination bar.
	wall to field.		 Edge: Install 22 gauge, galvanized edge me prime the surface before Terra Seal application
	k. 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 		 c. Gutters: Replace all existing gutters. Install gutters to be 5"x5"x5" box gutters. Coping Ca
-	gallons per 100SF. Coat all equipment, duct, and metal pans with Cool-Sil at 2 gallons per 100SF.	7.	All penetrations to be lead flashed.
	Sheet Metal: All sheet metal to be ANSI SPRI ES-1 compliant. All metal to be manufactured by The Garland Company	8.	Install clay tile. Contractor to re-use clay tile. Contr
9.	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.		Seal adhesive per manufacturer installation require
	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.		
	c. Perimeter Edge: Remove and replace all edge metal. Install new edge metal- fabricated from RMER SS Flat		

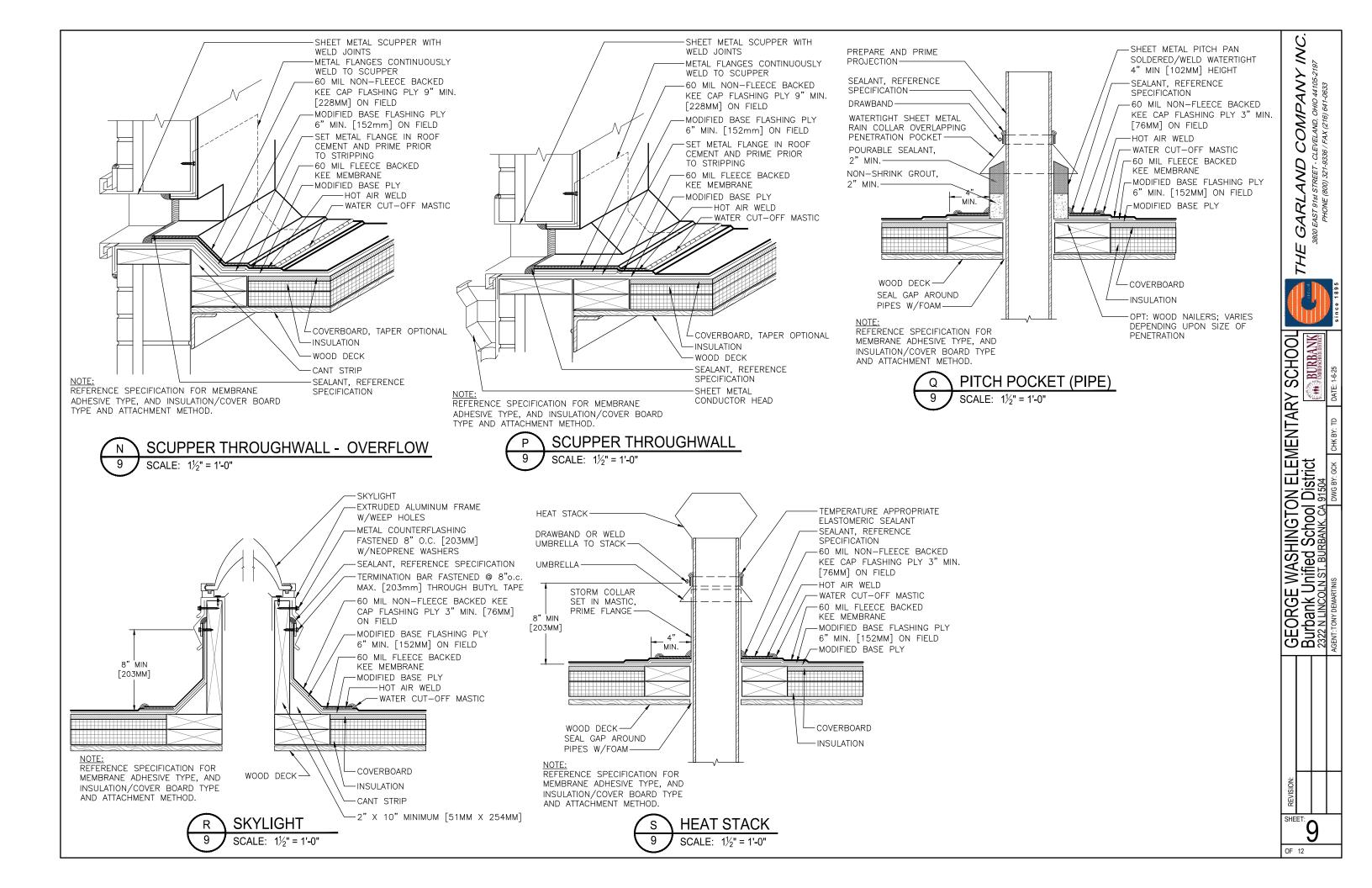
INC. prime with Garla-Prime prior to application of roofing membrane. ARLAND COMPANY AST 91st STREET - CLEVELAND, OHIO 44105-215 PHONE (800) 321-9336/ FAX (216) 641-0633 netal fascia is to be replaced with new metal fascia. Color to be selected by Flat Stock to match existing style. riced per linear foot. All new fascia to be primed and painted to match existing ge, reglet skirt metal flashing. Flashing plies to be set as high as possible. GARLAND ion bar set in butyl tape fastened every 6" o.c.. Seal above the term bar with rt metal to existing counterflashing metal. Fabricate from RMER SS Flat Stock , no wood supports. maged vent covers. cal side of the edge metal. No penetrations on horizontal side of edge metal or THE e. All broken or damaged drains to be replaced. Drain domes and drain rings to rmitted. Lead flash all drains as per manufacturer detail. round all mechanical units. Walkways are not to be installed over field seams. eplace all damaged pans with new seamless sheet metal. BURBANK SCHOOL ds and penetrations with Tuff-Stuff MS Sealant. Coat walls with Tuff Coat allon per 100SF per coat for a total of 2 gallons per 100SF of coverage. Color to to be white in color unless otherwise specified. Any significant markings left on V ELEMENTARY ing positive drainage and no ponding conditions. CHK BY: lings highlighted in green) structural deck. District to mark any non-functioning equipment. All marked ed. Contractor to include 7% deck replacement in the base bid. If the amount of ntractor is to receive a change order equal to the unit price for deck replacement GEORGE WASHINGTON Burbank Unified School Dis 2322 N LINCOLN ST. BURBANK, CA 915(s of the amount included in the base bid amount. If the amount of deck actor is to provide a credit. at a rate of .5 gal per sq. e field and flashings. e base sheet. Shingle all plies. with a termination bar set in butyl tape and fastened every 6" o.c. Caulk above ed edge metal. Set edge metal in mastic over the terra seal flashing ply and eal application. Color to be Terra Cotta ers. Install 22 gauge, kynar gutters - fabricated from RMER SS Flat Stock. All . Coping Cap: Install new, 22 gauge, kynar Terra Cotta coping cap metal. y tile. Contractor to assume 40% tile replacement. Clay tile to be set in Terra ation requirements. New tiles to be hidden and randomly set to blend in with old. SHEET 4 OF 12

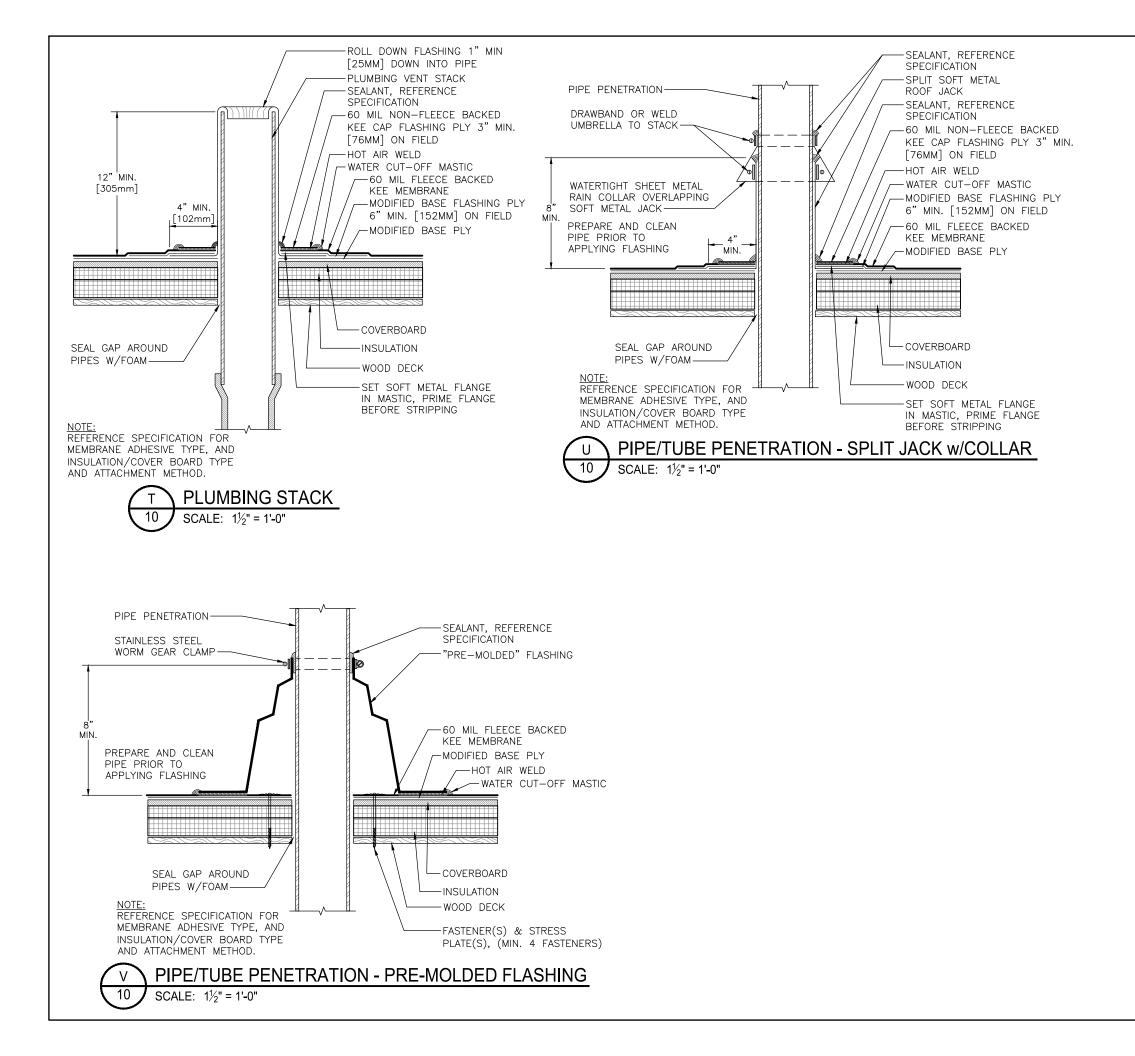




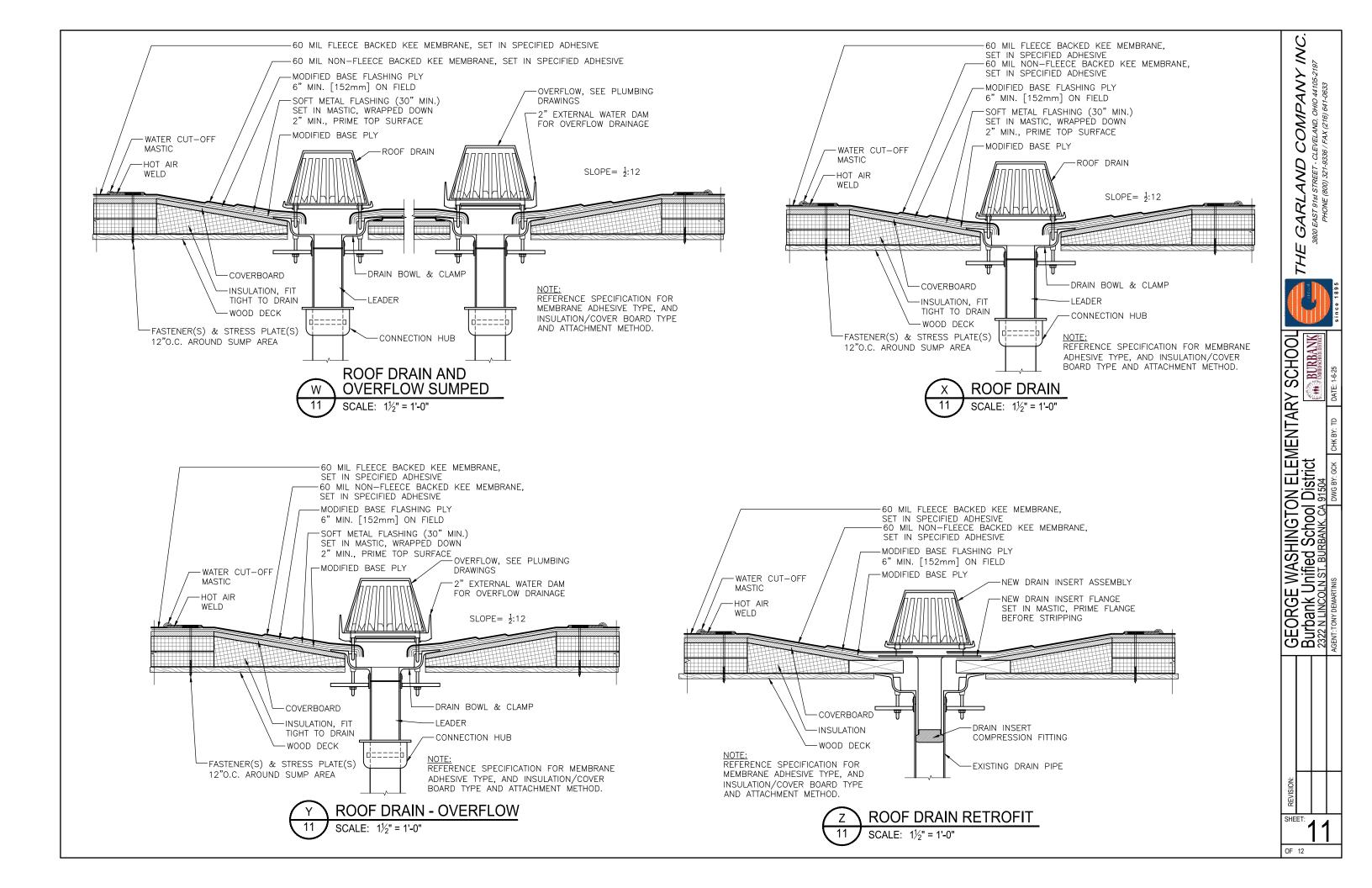


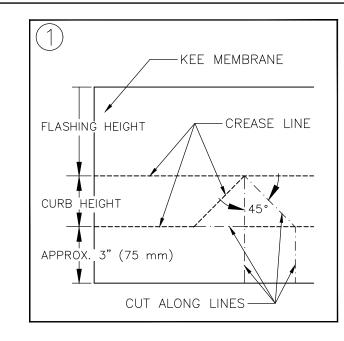


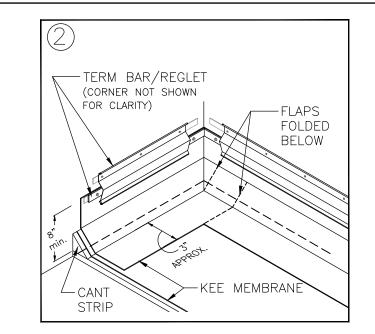


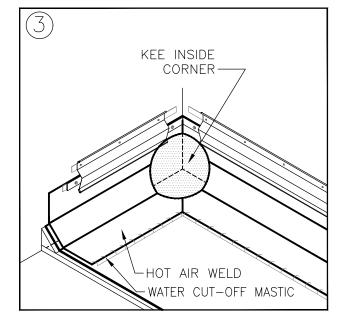


GEORGE WASHINGTON ELEMENTARY SCHOOL Image: Constraint of the constraint of
SHEET: 10



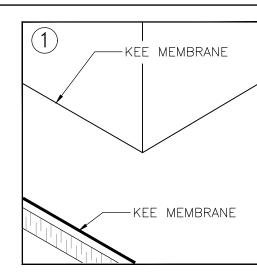


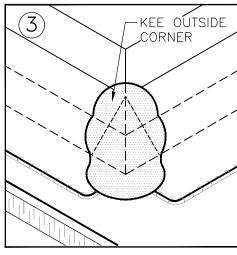




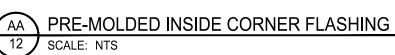
NOTES:

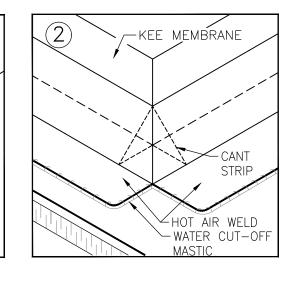
1. APPROXIMATELY 1/8" (3 mm) DIAMETER BEAD OF CUT-EDGE SEALANT IS REQUIRED ON CUT EDGES OF REINFORCED MEMBRANE.





BB PRE-MOLDED (12 SCALE: NTS







NOTES:

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

PRE-MOLDED OUTSIDE CORNER FLASHING

