

GMSD Board Work Session
January 23, 2024 5:30 PM
Board Room, GMSD Office

1. Approval to purchase Security Glass Film
2. Miscellaneous FY 23-24 Budget Amendment #16
3. Approval of \$25 club fee for Fashion Club at Houston High School
4. Further Business



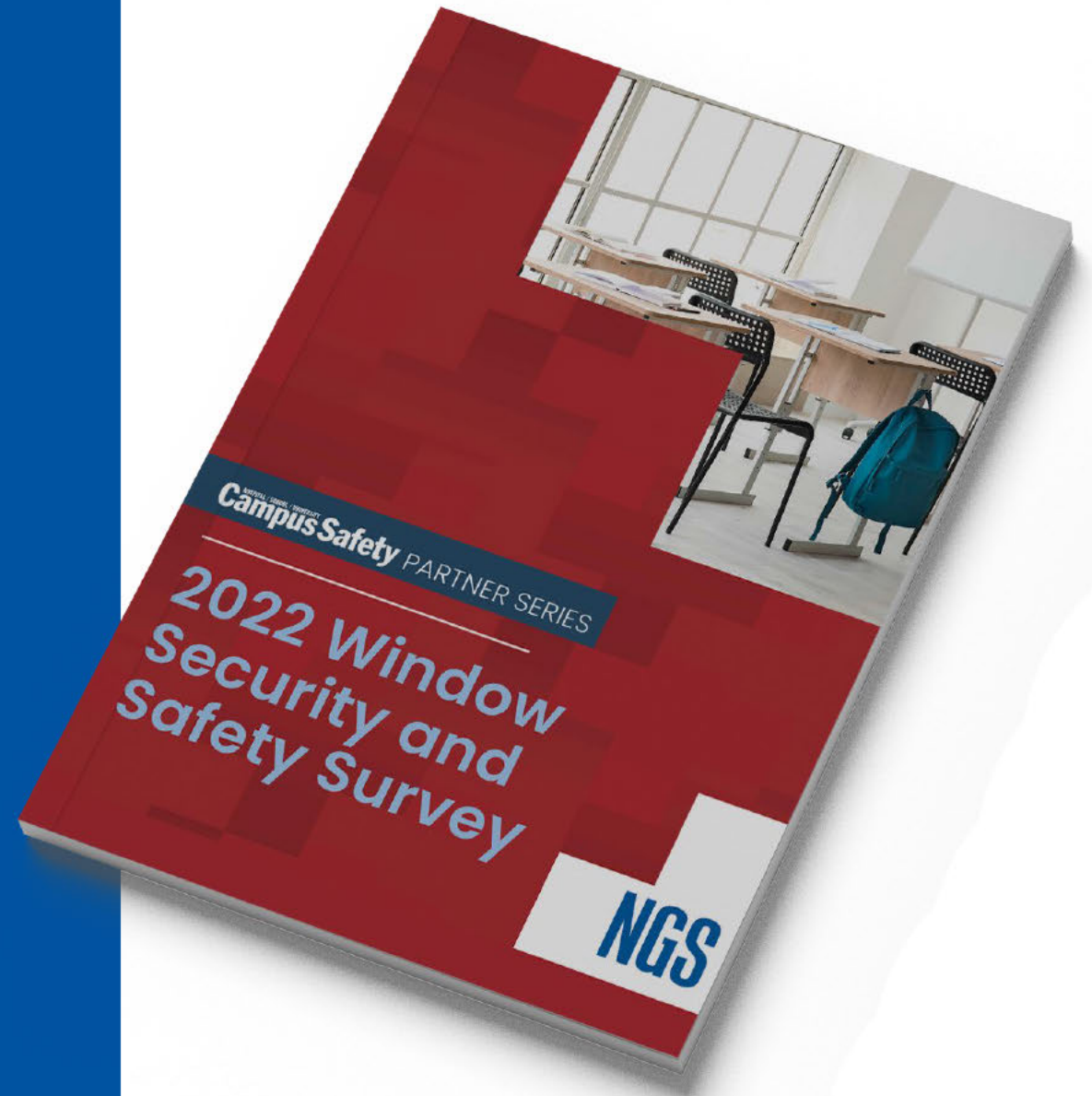
KEEP DANGER OUT

Bring 3M™ In

WINDOW SECURITY AND SAFETY SURVEY

Key Findings

1. Glass is destined to fail
2. First responders aren't enough
3. Natural disasters are a growing concern

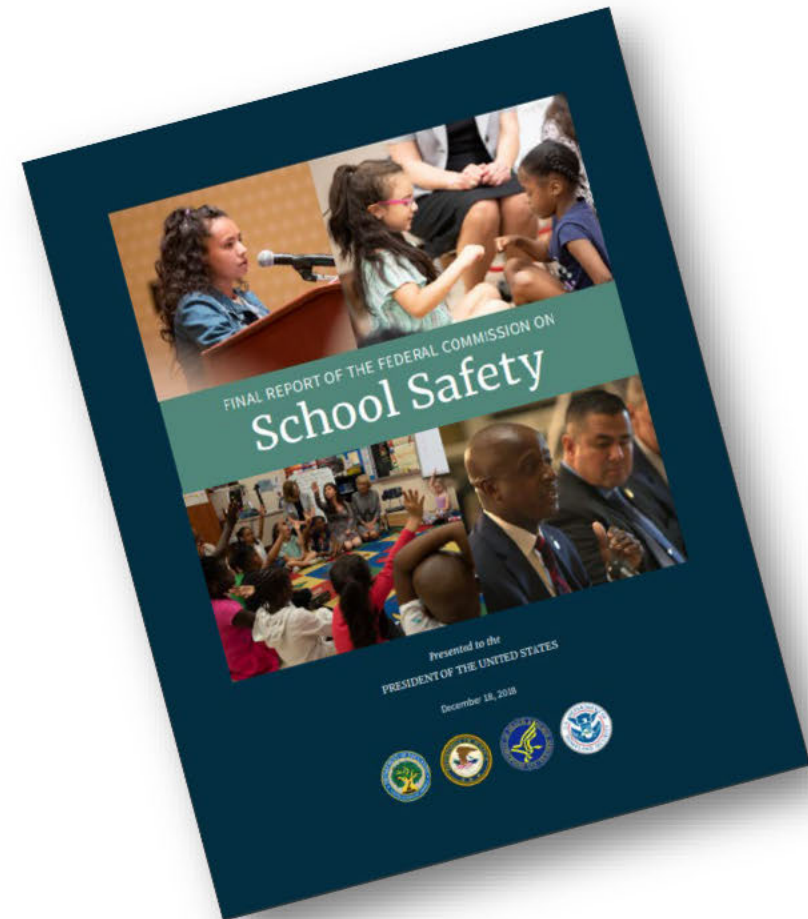


SAFETY AND SECURITY WINDOW FILM IS RECOMMENDED

- Final Report of the Sandy Hook Advisory Commission, March 6, 2015
- Final Report of the Federal Commission on School Safety, December 18, 2018

“...Replacing any non-reinforced glass windows with tempered, wire-reinforced, laminated, or bulletproof glass and **applying blast-resistant safety films** can strengthen windows to increase the protection they provide...”

- *Final Report of the Federal Commission on School Safety*



WHY 3M™?

Incorporated into thousands of schools and campuses in the U.S.

3M is known for its innovation, science and technology. 3M™ Ultra Series' micro woven tear resistant technology holds multiple patents and outperforms standard 2 ply 8 mil films

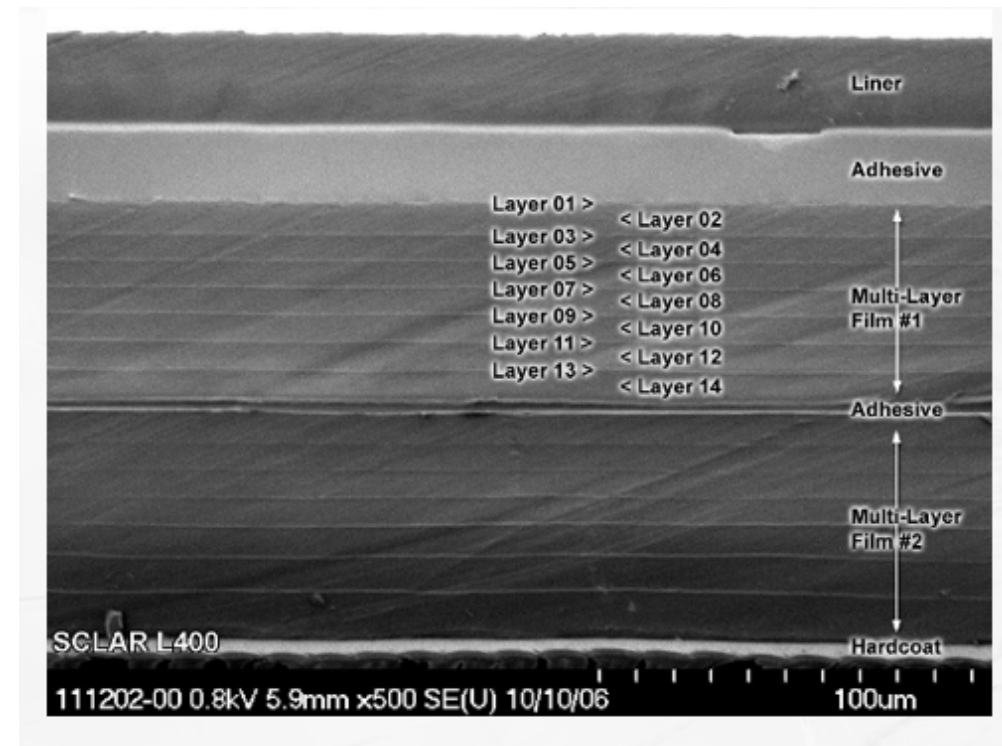
3M™ Safety and Security Films have been tested on numerous glazing types under a variety of blast loads. In fact, in some cases, 3M films have been designed to surpass required standards.

3M is only window film manufacturer that offers its own comprehensive structural adhesive "Caulk + Film warranty".



THE 3M™ DIFFERENCE

- The film and its strong adhesive forms a protective membrane on the glass
- Ultra films have a patented micro woven layer technology to help resist tearing
- Film is applied on interior side
 - Opposite of attack face
 - Protected from elements
- Helps hold broken glass fragments together
- Film attachment systems are applied along perimeter to anchor the film to the window frame
 - Forces intruder to create opening through center of broken glass- giving first responders precious time



WHY NGS?

Credibility and Capability

- NGS is 3M's largest authorized contractor/dealer in America
- NGS is the largest school safety glazing contractor with over 153 districts serviced nationwide since 2019 (91 in Texas)

School Campus Security Assessments

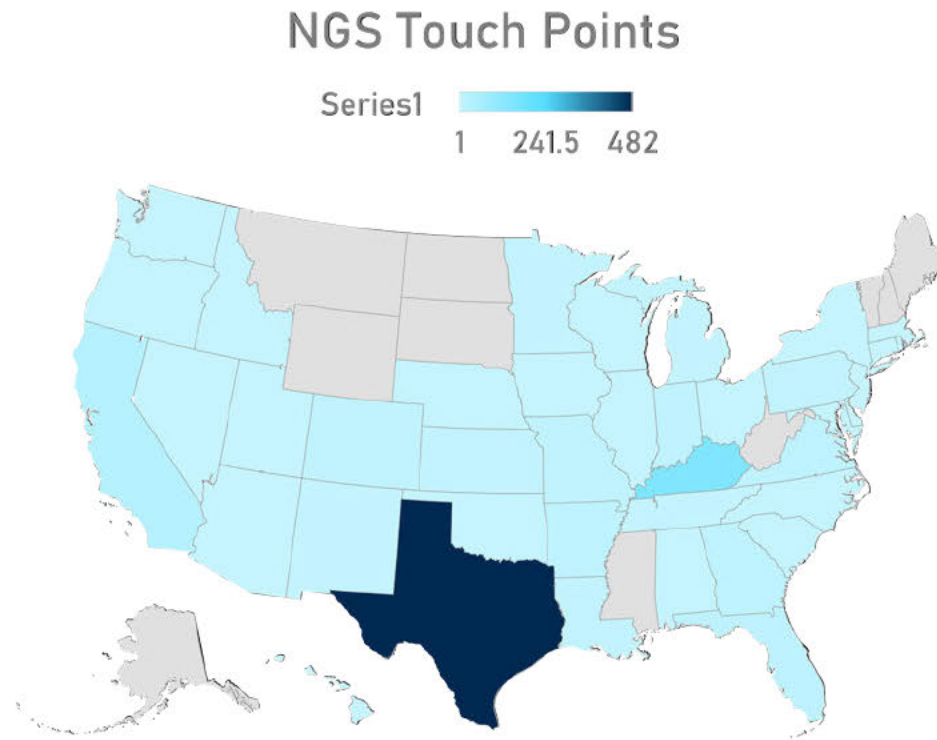
- Built to mirror Federal Commission on School Safety's "layered – zone approach:
- Proprietary customizable area & building report to simplify scope & tailor pricing to budget

Contracting Vehicles

- GSA Schedule 84 Contract holder [47QSWA20D00C](#)
- TIPS-USA Contract
 - Safety supplies and services [220101](#)
 - Job Order Contracting [211001](#)
- PCA- Purchase Cooperative of America Glazing Contract [PCA-OD-316-20](#)
- CMAS Contract California 4-20-84-0085
- Equalis Contract R10-1146B

OVER 153 DISTRICTS SERVICED

By NGS Since 2019 (91 in Texas)

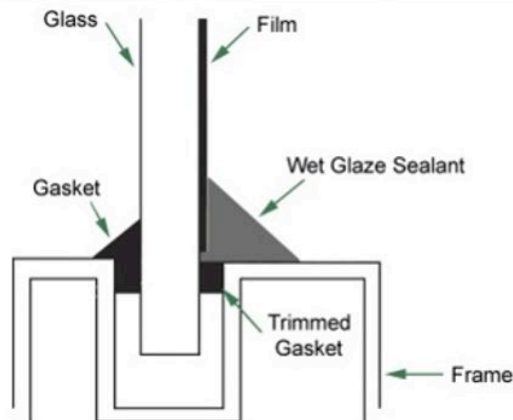


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3M™ IMPACT PROTECTION ADHESIVE

- About three days cure time, which is faster than dow 995
- More “tamper resistant”
 - Advantageous in school environments
- At least ¼” coverage on film and frame (not including gasket)
 - Minimum 3/8” coverage recommended

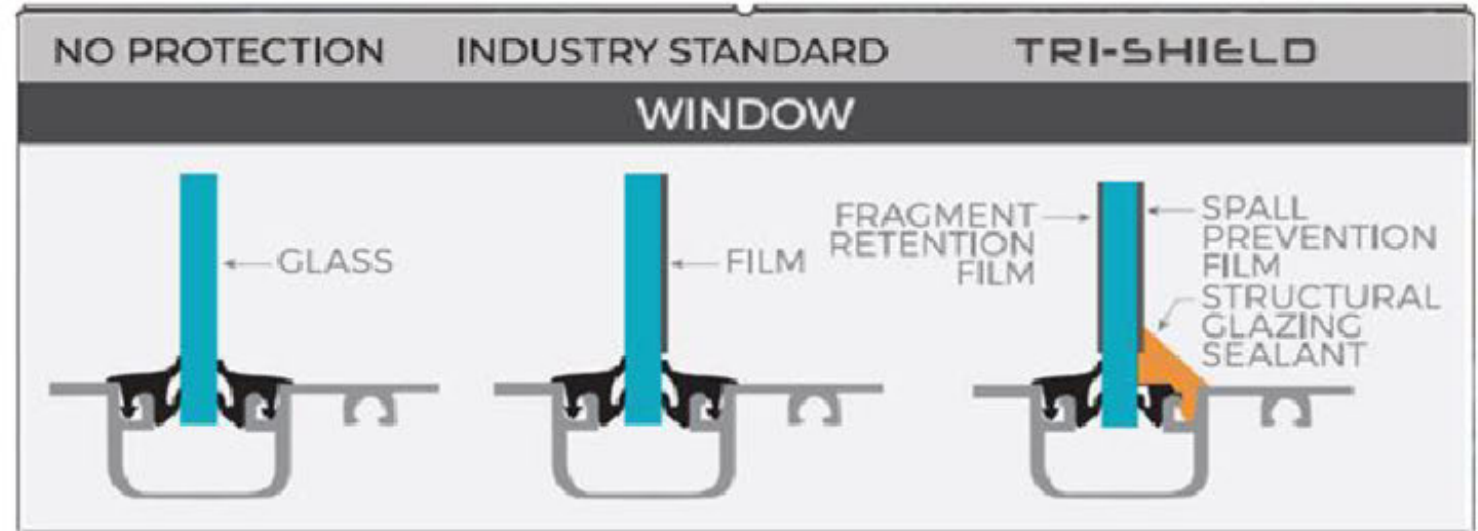
Tier 1 Example
2 minutes
Houston ISD



- **Attachment System Recommended For Schools**
- **Wet glaze structural sealant**
- **Low odor / VOC**
- **Fast cure time**
- **Weatherable & paintable**
- **Matte finish (vs. glossy)**

TRI-SHIELD®

TIER 2



TRI-SHIELD was created by NGS

TRI-SHIELD uses only 3M™ Safety & Security Window Film and Attachment Systems

TRI-SHIELD is a cost effective way to fortify existing glazing using 3M products

TRI-SHIELD can be installed quickly with little impact on day-to-day operation on a school campus

MATERIAL SCOPE DEFINITION

- **Tier 1: Interior application only* \$132,917.26**
 - 3M Ultra 800 security film installed on interior (surface 2) glass on windows and doors in scope
 - 3M Impact Protection Adhesive installed on inside (surface 1) of all 4 side of frame on doors and windows in scope
 - Houston ISD active shooter demo delay 2 minutes
- **Tier 2: Interior + exterior installation – TRI-SHIELD * \$199,227.99**
 - 3M Ultra 800 security film installed on interior (surface 2) glass on windows and doors in scope
 - 3M exterior weatherable 7mil security film installed on exterior (surface 1) glass on windows and doors in scope
 - 3M Impact Protection Adhesive installed on inside (surface 1) of all 4 side of frame on doors and windows in scope
 - Houston ISD active shooter demo delay up to 6 minutes
- **Terms & Conditions**
 - Scope only includes glazing per area report mapped by zone, area and marked up pictures
 - Neither NGS or 3M make any guarantees to degree of performance as all window systems are constructed differently and not per the specs of windows tested by manufacturer. There may be window frames that do not allow for .5" bead of caulk on the frame and thus may not perform to specification of .5" bead.
 - Material will take up to 60 days to cure so windows may appear rippled or hazy with water pockets until then
 - Scope is only up to door height unless otherwise stated.

*Alternate manufacturer material may be priced upon request

WARRANTY

Safety & Security			
Ultra Prestige	Ultra PR S50	Limited Lifetime	15 Years
	Ultra PR S70	Limited Lifetime	15 Years
Ultra Series	Ultra S600	Limited Lifetime	12 Years
	Ultra S800	Limited Lifetime	12 Years
	Ultra NV S25	Limited Lifetime	12 Years
	Ultra Neutral S35	Limited Lifetime	10 Years
	Ultra Neutral S50	Limited Lifetime	10 Years
Safety	S40	Limited Lifetime	10 Years
	S70	Limited Lifetime	10 Years
	S80	Limited Lifetime	10 Years
	S140	Limited Lifetime	10 Years
	S40 Exterior	7 Years (5 Years Sloped)	7 Years (5 Years Sloped)
Anti-Graffiti	AG-4	1 Year	1 Year
	AG-6	1 Year	1 Year
Impact Prot. Profile	WP250 White	Limited Lifetime	As Long as the Film Warranty
	BP700 Black	Limited Lifetime	As Long as the Film Warranty
	BP950 Black	Limited Lifetime	As Long as the Film Warranty
Privacy Series	White Matte	Limited Lifetime	1 Year
	Mirror	Limited Lifetime	5 Years

NGS SCHOOL SAFETY DISTRICT PROJECTS AR, FL, GA, KY, LA, TN

Year	school/ district	state	Address	scope
2018	Atlanta Heights Charter school	GA	3712 Martin Luther King Jr Dr, Atlanta, GA 30331	3M Ultra 800, S70X, IPA
2023	Atlanta Public Schools-Morris Brandon ES	GA	2741 Howell Mill Rd. NW Atlanta, GA 30327	3M Ultra 800, S70X, IPA
2023	Atlanta Youth Academy	GA	2120 Forrest Park Rd. Atlanta, GA 30315	3M Ultra 800, S70X, IPA
2023	Buckhead Preparatory School	GA	4300 Northside Dr. Atlanta, GA 30327	3M Ultra 800, 3M Milky San Marino, IPA
2023	Broward County Public Schools-Silver Ridge E	FL	600 S.E Third Ave. Ft. Lauderdale, FL 33301	3M Ultra 800, IPA
2020	Catoosa County	GA	307 Cleveland St, Ringgold, Ga 30736	3M Ultra 800, IPA
2019	Chatham County Schools	GA	101 Priscilla D Thomas Way, Savannah, GA 31408	3M Ultra 800, S70X, IPA
2019	Clay County	FL	925 Center St, Green Cove Springs, FL 32043	3M S25NVAR, IPA
2019	Commerce City Schools	GA	270 Lakeview Dr, Commerce, GA 30529	3M Ultra 800, S70X, IPA
2020	Concord Schools	AR	10920 Heber Springs Rd. N Concord, AR 72523	3M Ultra 800, IPA
2023	Dalton Public Schools	GA	1500 Manley St. Dalton, GA 30720	3M Ultra 800, 3M UNVS25, IPA
2023	Dawson City Schools	GA	28 Main St. Dawsonville, GA 30534	3M Ultra 800, 3M S70X, 3M UNVS25, IF
2023	Dawson County School District	GA	28 Main St. Dawsonville, GA 30534	3M Ultra 800, S70X, IPA, UNVS25
2023	Decatur Schools -AL	AL	212 4th Ave. SE Decatur, AL 35601	3M Ultra 800, IPA, 3M Fasara Milky
2022	Fayette County Public Schools	KY	701 East Main St. Lexington, KY 40502	3M Ultra 800, IPA
2022	Forsyth County	GA	1120 Dahlonge hwy, Cumming, GA 30040	3M S25NVAR, IPA
2023	Girls Preparatory School	TN	205 Island Ave. Chattanooga, TN 37405	3M Ultra 800, 3M NV35, IPA
2022	Gwinnett County Schools	GA	437 Old Peachtree Rd. Suwanee, GA 30024	Tr-Shield
2023	Harmony Grove School District-Benton	AR	2621 Hwy 229 Benton, AR 72015	3M Ultra 800, S70X, IPA
2023	Holy Cross Lutheran School	FL	5450 Holy Cross St. Sanford, FL 32771	3M Ultra 800, S70X, IPA
2023	Holy Innocents' Episcopal School	GA	805 Mount Vernon Hwy NW Atlanta, GA 30327	3M Ultra 800, S70X, IPA
2023	Madison County Schools -SWISS	AL	1275 Jordan Rd. Huntsville, AL 35811	3M 800, S70X, IPA
2023	Newport School District	AR	406 Wilkerson Dr. Newport, AR 72122	3M Ultra 800, S70X, IPA
2021	North Cobb Christian Schools	GA	4500 Eagel Dr. NW Kennesaw, GA 30114	3M Ultra 800, S70X, IPA
2022	Orange County	FL	6501 Magio Way, Orlando FL, 32801	3M S25NVAR, S70EXT, IPA int+ext
2022	Osceola County Schools	FL	817 Bill Beck Blvd, Kissimmee, FL 34744	3M one way mirror, S25NVAR and 3M IF
2022	Pinellas County Schools	FL	410 Missouri Ave N. Largo, FL 33770	3M Ultra 800 + IPA and S70x
2018	Pottsville School District	AR	976 Pine Ridge Rd, Pottsville AR, 72858	3M Ultra 800, S70X, IPA
2023	Rabun Gap-Nacoochee School	GA	339 Nacoochee Dr. Rabun Gap, GA 30568	3M Ultra 800, S70X, IPA, UNVS25
2020	Roane county	TN	540 W Cumberland St, Kingston, TN 37763	Solar Gard OSW Silver 20 EXT
2022	Sarasota County Schools	FL	1980 Landings Blvd, Sarasota, FL 34231	3M one way mirror film
2020	Savannah Chatham County Public School Syst	GA	101 Priscilla D. Thomas Way Savannah, GA 31408	3M Ultra 800, S70X, IPA
2020	Seminole County Public Schools	FL	400 E. Lake Mary Blvd. Sanford, FL 32773	TriShield 3M Ultra 800, IPA, S70EXT
2022	The Westminster School	GA	1424 West Paces Ferry Rd NW, Atlanta, GA	Ultra 800 S70X, IPA
2016	Village De L'est school	LA	5100 Cannes St, New Orleans, LA 70129	3M Ultra 800, IPA
2020	Walton-Verona ISD	KY	16 School Rd. Walton, KY 41094	3M Ultra 800, IPA

Authorized 3M™ Prestige Window Film Dealer

Platinum Level

NATIONAL GLAZING SOLUTIONS

2023 Certificate

The recipient listed above has been certified by 3M as a 3M Authorized Window Film Dealer at the level designated in this certificate, with access to our 3M™ Sun Control Window Film Prestige Series and 3M™ Scotchshield™ Safety & Security Window Film Ultra Prestige Series. The Dealer has completed 3M™ Window Film Product Installation Training and has demonstrated the highest level of 3M™ Window Film knowledge and service. In addition, this Dealer has demonstrated competency in executing national accounts in the United States. When you purchase 3M™ Window Film from this 3M Authorized Window Film Dealer, you receive an end-customer warranty that reflects a joint commitment from both 3M and the Dealer. For details of warranty coverage, please refer to [3M.com/WindowFilm](https://www.3M.com/WindowFilm).



**Authorized Window Film Dealer
Prestige Dealer Network**

NGS

This certificate is valid only for the year stated above and provided Dealer maintains an active status as a 3M Authorized Window Film Dealer.
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5616 Royalton Street
Houston, TX 77081

December 6, 2022

James Beale
Chief Executive Officer
National Glazing Solutions
140 Mountain Brook Drive
Canton, GA 30115

Dear Mr. Beale:

National Glazing Solutions (NGS) is a pivotal part of the Accent Distributing company. . . NGS has done a tremendous job working with key industry personnel in multiple segments to grow our entire portfolio of products; especially the Safety & Security market. NGS is our largest customer for 3M Safety & Security Films with another record year in 2022. Thank you!

We wish you continued success in your business pursuits and are looking forward to an ongoing mutually beneficial relationship.

A handwritten signature in black ink, reading "Shawn Cabral", with a stylized flourish at the end.

Shawn Cabral
General Manager

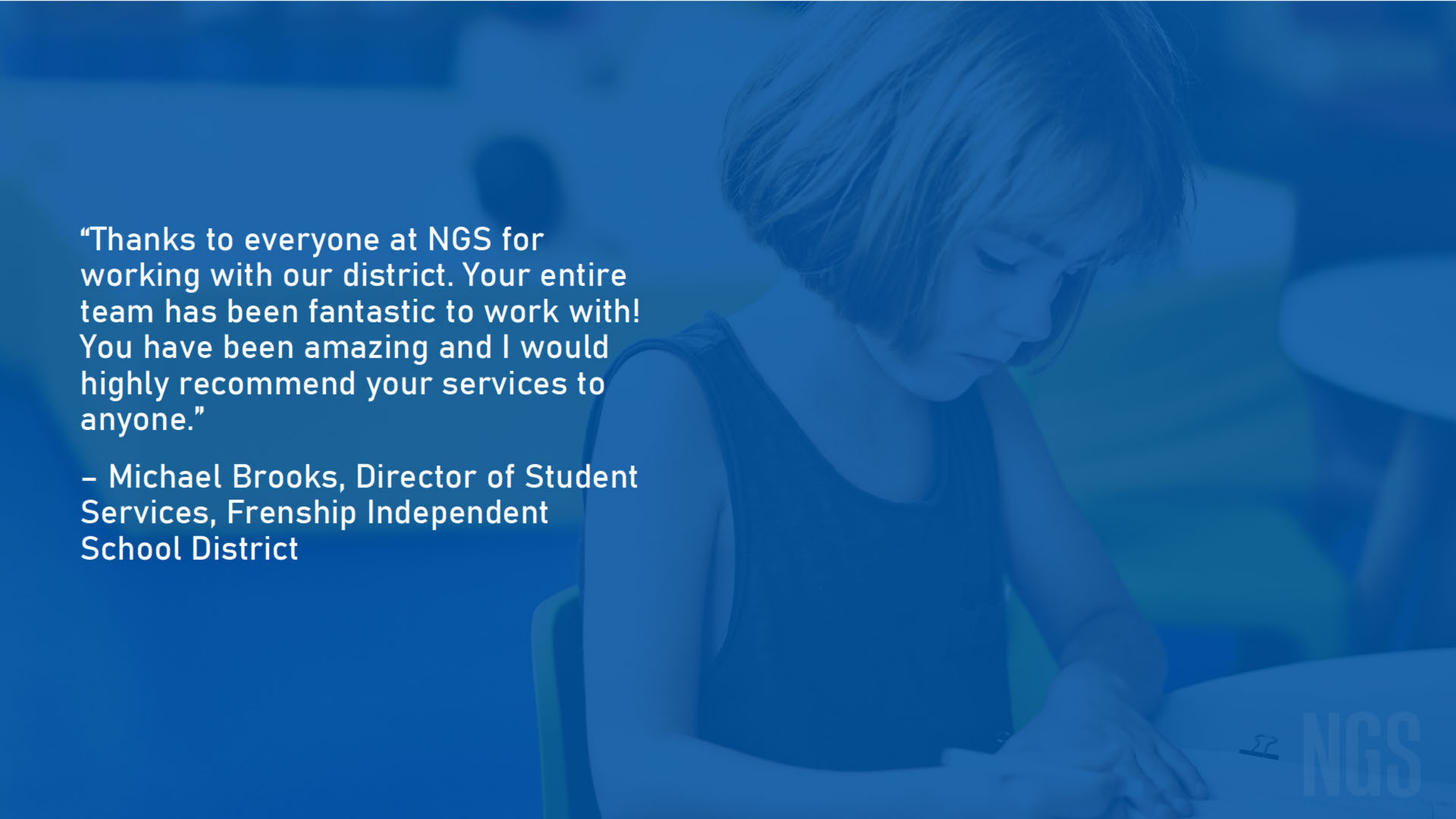
“The attention to detail that we received in every aspect of the project really set NGS apart. And the customer service that I got along the way was amazing, so that was a great experience.”

– Dr. Paul Cash, Executive Director of Facilities and Operations, Mansfield Independent School District



“Security film has the ability to maintain the positive aspects of glass and limit the weak spots by making glass very resilient and very strong. And as a former SWAT commander who had to breach buildings, I know how difficult it is to bypass security film. I endorse it.”

- *Bruno Dias, Director of Safety and Security, Mansfield Independent School District*



“Thanks to everyone at NGS for working with our district. Your entire team has been fantastic to work with! You have been amazing and I would highly recommend your services to anyone.”

– Michael Brooks, Director of Student Services, Frenship Independent School District



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Germantown Municipal School District Budget Amendment

Fiscal Year: 2023-2024

Amendment # 16

GMSD Acct #	GMSD Acct	Original Budget	Approved Changes	Requested Changes	Amended Budget
141-76100-707	Building Improvements	1,078,684	-	(75,000)	1,003,684
141-72620-335	Building Maintenance and Repairs	901,850	-	75,000	976,850

REASON FOR AMENDMENT:

To cover projected building maintenance and repair costs throughout the district. (Note: Three major repairs have already occurred: stadium lighting at HHS, water leak at HHS, and gas leak at FES)

APPROVAL / DENIAL:

_____ Budget revision is approved effective _____.

_____ Budget revision is denied for the following reason(s):

_____ Date _____

_____ Date _____