

STOREFRONT & GLASS SPECIFICATIONS:

CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS AND MEASUREMENTS PRIOR TO CONSTRUCTION.
REFER TO THE STOREFRONT MANUFACTURERS RECOMMENDATIONS AND PROCEDURES FOR GLASS AND SEALANT REPLACEMENT.
ALL PRODUCT INSTALLATIONS ARE TO COMPLY WITH THE MANUFACTURERS WRITTEN INSTALLATION INSTRUCTIONS UNLESS MORE STRINGENT REQUIREMENTS APPLY.
ALL MANUFACTURER'S WARRANTIES APPLY FROM THE DATE OF SUBSTANTIAL COMPLETION.

08411 ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

PRODUCT: ALL EXISTING TO REMAIN.
EXTERIOR FRAME: KAWNEER 1 3/4" X 4 1/2" ENCORE
EXTERIOR DOOR FRAME: KAWNEER 2" X 4 1/2" TRIFAB 451 W/ 451T SIDELIGHTS

SEALANT: FOR SEALANTS REQUIRED WITHIN FABRICATED STOREFRONT SYSTEM, PROVIDE PERMANENTLY ELASTIC, NON-SHRINKING, AND NON-MIGRATING TYPE RECOMMENDED BY SEALANT MANUFACTURER FOR JOINT SIZE AND MOVEMENT

- A. GLAZING GASKETS: MANUFACTURER'S STANDARD COMPRESSION TYPES, REPLACEABLE, EXTRUDED EPDM RUBBER.
- B. SPACERS AND SETTING BLOCKS: MANUFACTURER'S STANDARD ELASTOMERIC TYPE
- C. BOND-BREAKER TAPE: MANUFACTURER'S STANDARD TFE-FLUOROCARBON OR POLYETHYLENE MATERIAL TO WHICH SEALANTS WILL NOT DEVELOP ADHESION.
- D. GLAZING SEALANTS: FOR STRUCTURAL-SEALANT-GLAZED SYSTEMS, AS RECOMMENDED BY MANUFACTURER FOR JOINT TYPE, AND AS FOLLOWS:
 - 1. STRUCTURAL SEALANT: ASTM C 1184 SINGLE-COMPONENT NEUTRAL-CURING SILICONE FORMULATION THAT IS COMPATIBLE WITH SYSTEM COMPONENTS WITH WHICH IT COMES IN CONTACT, SPECIFICALLY FORMULATED AND TESTED FOR USE AS STRUCTURAL SEALANT AND APPROVED BY A STRUCTURAL SEALANT MANUFACTURER FOR USE IN ALUMINUM-FRAMED SYSTEMS INDICATED.
 - a. COLOR: MATCH PREVIOUS COLOR, AS APPROVED BY OWNER/ARCHITECT.
 - 2. WEATHERSEAL SEALANT: ASTM C 920 FOR TYPE S, GRADE NS, CLASS 25, USES NT, G, A, AND O, SINGLE-COMPONENT NEUTRAL-CURING FORMULATION THAT IS COMPATIBLE WITH STRUCTURAL SEALANT AND OTHER SYSTEM COMPONENTS WITH WHICH IT COMES IN CONTACT; RECOMMENDED BY STRUCTURAL SEALANT, WEATHERSEAL SEALANT, AND ALUMINUM-FRAMED-SYSTEM MANUFACTURER FOR THIS USE.
 - a. COLOR: MATCH PREVIOUS COLOR, AS APPROVED BY OWNER/ARCHITECT.

08800 GLAZING

INSULATING GLASS
INSULATING-GLASS UNITS: FACTORY-ASSEMBLED UNITS CONSISTING OF SEALED LITES OF GLASS SEPARATED BY A DEHYDRATED INTERSPACE, QUALIFIED ACCORDING TO ASTM E 2190

SEALING SYSTEM: DUAL SEAL, WITH MANUFACTURER'S STANDARD PRIMARY AND SECONDARY SEALANTS.
SPACER: MANUFACTURER'S STANDARD SPACER MATERIAL AND CONSTRUCTION.
DESICCANT: MOLECULAR SIEVE OR SILICA GEL, OR A BLEND OF BOTH.

INSULATING-GLASS SCHEDULE
LOW-E INSULATING GLASS, CLEAR, WHERE ALL INSULATING GLASS OF THIS DESIGNATION IS INDICATED ON THE DRAWINGS, PROVIDE LOW-E MISSIVITY INSULATING-GLASS UNITS COMPLYING WITH THE FOLLOWING:

PRODUCTS: SUBJECT TO COMPLIANCE, PROVIDE GLASS FROM ONE OF THE ABOVE NOTED MANUFACTURERS:

OVERALL UNIT THICKNESS AND THICKNESS OF EACH LITE: 1 INCH AND 1/4 INCH NOMINALLY.
INTERSPACE CONTENT: 1/2" AIR SPACE.

TYPE G1 GLASS
BASIS-OF-DESIGN GLASS PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCT BY VITRO ARCHITECTURAL GLASS "SOLARBAN 60 (2) SOLARGRAY" OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

- 1. CARDINAL GLASS INDUSTRIES.
- 2. OLDCASTLE BUILDINGENVELOPE.
- 3. PILKINGTON NORTH AMERICA INC.
- 4. PPG
- 5. VIRACON, INC.
- 6. VITRO ARCHITECTURAL GLASS

INDOOR LITE: TYPE I (TRANSPARENT GLASS, FLAT), CLASS 1 (CLEAR) FLOAT GLASS.
KIND HS (HEAT STRENGTHENED), OR KIND FT (FULLY TEMPERED), TO MATCH KIND OF OUTER LITE AS INDICATED ON THE DRAWINGS.

OUTDOOR LITE: TYPE I (TRANSPARENT GLASS, FLAT), CLASS 2 (TINTED)
KIND HS (HEAT STRENGTHENED), OR KIND FT (FULLY TEMPERED), TO MATCH KIND OF INNER LITE AS INDICATED ON THE DRAWINGS.

- 1. TINT COLOR: SOLAR GRAY, VLT%: 35%

LOW-EMISSION COATING: PYROLYTIC ON SECOND SURFACE.

TYPE G2 GLASS
BASIS-OF-DESIGN GLASS PRODUCT: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCT BY VIRACON "VS-114 INSULATING HSHS" OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

- 1. CARDINAL GLASS INDUSTRIES.
- 2. OLDCASTLE BUILDINGENVELOPE.
- 3. PILKINGTON NORTH AMERICA INC.
- 4. PPG
- 5. VIRACON, INC.
- 6. VITRO ARCHITECTURAL GLASS

INDOOR LITE: TYPE I (TRANSPARENT GLASS, FLAT), CLASS 1 (CLEAR) FLOAT GLASS.
KIND HS (HEAT STRENGTHENED), OR KIND FT (FULLY TEMPERED), TO MATCH KIND OF OUTER LITE AS INDICATED ON THE DRAWINGS.

OUTDOOR LITE: TYPE I (TRANSPARENT GLASS, FLAT), CLASS 1 (CLEAR) FLOAT GLASS.
KIND HS (HEAT STRENGTHENED), OR KIND FT (FULLY TEMPERED), TO MATCH KIND OF INNER LITE AS INDICATED ON THE DRAWINGS.

- 1. REFLECTIVITY: 32%, VLT%: 13%

LOW-EMISSION COATING: PYROLYTIC ON SECOND SURFACE.

GLAZING SEALANT SCHEDULE

LOW-MODULUS NONACID-CURING SILICONE GLAZING SEALANT: WHERE GLAZING SEALANTS OF THIS DESIGNATION ARE REQUIRED OR RECOMMENDED BY THE SELECTED GLAZING MANUFACTURER, PROVIDE PRODUCTS COMPLYING WITH THE FOLLOWING:

PRODUCTS: AVAILABLE PRODUCTS INCLUDE THE FOLLOWING:

- 790: DOW CORNING.
- SILPRUF: GE SILICONES.
- ULTRAPRUF SCS2300: GE SILICONES.
- HIFLEX 331: NUCO INDUSTRIES, INC.
- NUFLEX 309: NUCO INDUSTRIES, INC.
- OMNISEAL: SONNEBORN, DIV. OF CHEMREX, INC.
- SPECTREM 1: TREMCO.

TYPE AND GRADE: S (SINGLE COMPONENT) AND NS (NONSAG).
CLASS: 25.
ADDITIONAL MOVEMENT CAPABILITY: 100 PERCENT MOVEMENT IN EXTENSION AND 50 PERCENT MOVEMENT IN COMPRESSION FOR A TOTAL OF 150 PERCENT MOVEMENT.
USE RELATED TO EXPOSURE: NT (NONTRAFFIC).
USES RELATED TO GLAZING SUBSTRATES: M, G, A, AND, AS APPLICABLE TO GLAZING SUBSTRATES INDICATED, O.

MEDIUM-MODULUS NEUTRAL-CURING SILICONE GLAZING SEALANT: WHERE GLAZING SEALANTS OF THIS DESIGNATION ARE REQUIRED OR RECOMMENDED BY THE SELECTED GLAZING MANUFACTURER, PROVIDE PRODUCTS COMPLYING WITH THE FOLLOWING:

PRODUCTS: AVAILABLE PRODUCTS INCLUDE THE FOLLOWING:

- 791: DOW CORNING.
- 795: DOW CORNING.
- HIFLEX 393: NUCO INDUSTRIES, INC.
- SPECTREM 2: TREMCO.

TYPE AND GRADE: S (SINGLE COMPONENT) AND NS (NONSAG).
CLASS: 25.
USE RELATED TO EXPOSURE: NT (NONTRAFFIC).
USES RELATED TO GLAZING SUBSTRATES: M, G, A, AND, AS APPLICABLE TO GLAZING SUBSTRATES INDICATED, O.

MEDIUM-MODULUS NEUTRAL-CURING SILICONE GLAZING SEALANT: WHERE GLAZING SEALANTS OF THIS DESIGNATION ARE REQUIRED OR RECOMMENDED BY THE SELECTED GLAZING MANUFACTURER, PROVIDE PRODUCTS COMPLYING WITH THE FOLLOWING:

PRODUCTS: AVAILABLE PRODUCTS INCLUDE THE FOLLOWING:

- 758 H.P.: DOW CORNING.
- SILGLAZE II: GE SILICONES.
- 895: FLOORA CORPORATION.

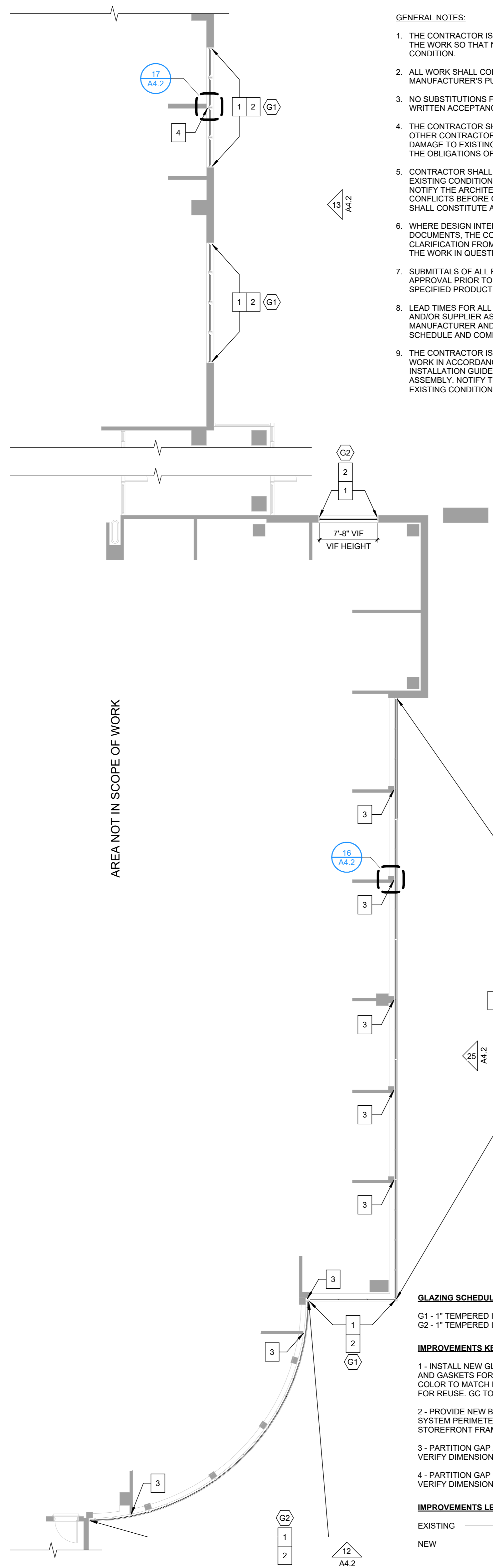
TYPE AND GRADE: S (SINGLE COMPONENT) AND NS (NONSAG).
CLASS: 25.
ADDITIONAL MOVEMENT CAPABILITY: 50 PERCENT MOVEMENT IN EXTENSION AND 50 PERCENT MOVEMENT IN COMPRESSION FOR A TOTAL OF 100 PERCENT MOVEMENT.
USE RELATED TO EXPOSURE: NT (NONTRAFFIC).
USES RELATED TO GLAZING SUBSTRATES: M, G, A, AND, AS APPLICABLE TO GLAZING SUBSTRATES INDICATED, O.

ACID-CURING SILICONE GLAZING SEALANT: WHERE GLAZING SEALANTS OF THIS DESIGNATION ARE REQUIRED OR RECOMMENDED BY THE SELECTED GLAZING MANUFACTURER, PROVIDE PRODUCTS COMPLYING WITH THE FOLLOWING:

PRODUCTS: AVAILABLE PRODUCTS INCLUDE THE FOLLOWING:

- 999-A: DOW CORNING.
- TRADEMATE GLAZING: DOW CORNING.
- CONSTRUCTION 1200: GE SILICONES.
- CONTRACTORS SCS1000: GE SILICONES.
- HIFLEX 392: NUCO INDUSTRIES, INC.
- NUFLEX 302: NUCO INDUSTRIES, INC.
- OMNIFLEX: SONNEBORN, DIV. OF CHEMREX, INC.
- PROGLAZE: TREMCO.
- TREMSIL 300: TREMCO.

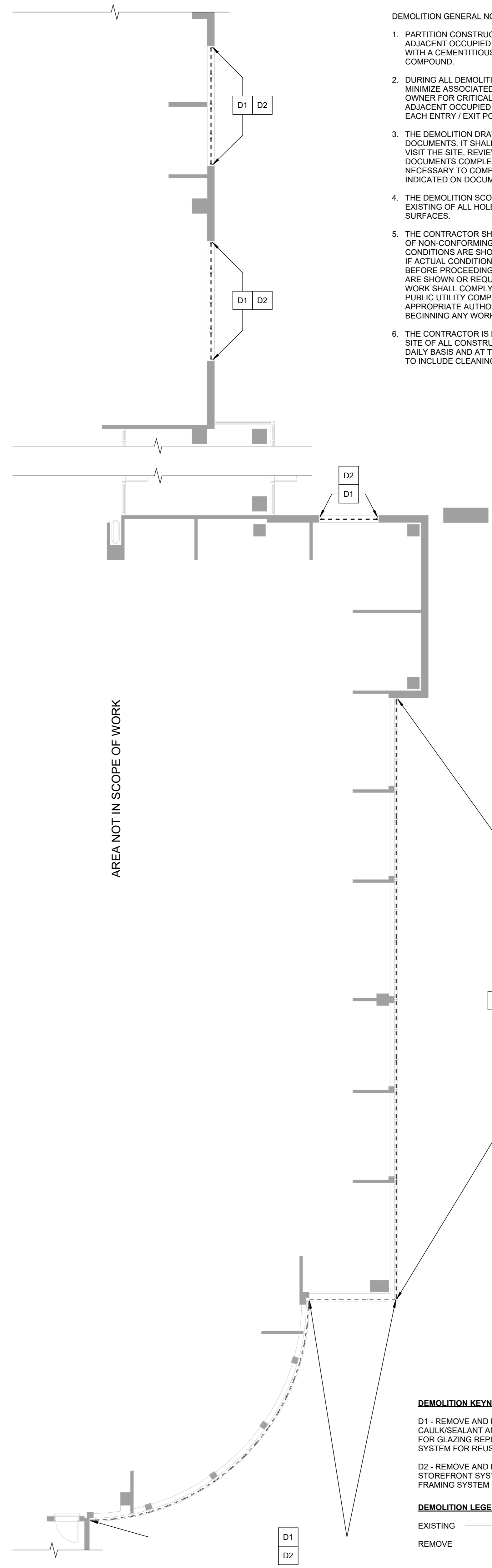
TYPE AND GRADE: S (SINGLE COMPONENT) AND NS (NONSAG).
CLASS: 25.
USE RELATED TO EXPOSURE: NT (NONTRAFFIC).
USES RELATED TO GLAZING SUBSTRATES: G, A, AND, AS APPLICABLE TO GLAZING SUBSTRATES INDICATED, O.



20 PLAN IMPROVEMENTS
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE COORDINATION FOR ALL PARTS OF THE WORK SO THAT NO WORK SHALL BE LEFT IN AN UNFINISHED OR INCOMPLETE CONDITION.
2. ALL WORK SHALL CONFORM TO THE APPLICABLE INDUSTRY AND MANUFACTURER'S PUBLISHED STANDARDS.
3. NO SUBSTITUTIONS FOR ITEMS SPECIFIED WILL BE ACCEPTED WITHOUT PRIOR WRITTEN ACCEPTANCE FROM THE ARCHITECT / DESIGNER AND OWNER.
4. THE CONTRACTOR SHALL PROTECT EXISTING WORK AND OTHER NEW WORK BY OTHER CONTRACTORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING WORK OR WORK BY OTHERS INCURRED WHILE FULFILLING THE OBLIGATIONS OF THE CONTRACT.
5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SHALL VERIFY ALL NEW AND EXISTING CONDITIONS SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT / DESIGNER OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE COMMENCEMENT OF WORK. COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE OF ALL NEW OR EXISTING CONDITIONS.
6. WHERE DESIGN INTENT CANNOT BE DETERMINED FROM THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ARCHITECT / DESIGNER PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.
7. SUBMITTALS OF ALL FINISH MATERIALS REQUIRED TO ARCHITECT / OWNER FOR APPROVAL PRIOR TO ORDERING OR INSTALLING TO INSURE ACCURACY OF SPECIFIED PRODUCT WITH INSTALLED MATERIAL.
8. LEAD TIMES FOR ALL SPECIFIED MATERIALS VARY. PURCHASING CONTRACTOR AND/OR SUPPLIER ASSUMES RESPONSIBILITY FOR VERIFYING LEAD TIME WITH MANUFACTURER AND ORDERING MATERIAL IN ACCORDANCE WITH PROJECT SCHEDULE AND COMPLETION DATE.
9. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL IMPROVEMENT SCOPE OF WORK IN ACCORDANCE TO THE MANUFACTURERS SPECIFICATIONS AND INSTALLATION GUIDELINES TO PROVIDE COMPLETE AND WEATHER TIGHT ASSEMBLY. NOTIFY THE ARCHITECT / DESIGNER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEWLY INSTALLED ITEMS.



10 PLAN DEMOLITION
SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

1. PARTITION CONSTRUCTION AND LIMIT THE SPREAD OF DUST TO ADJACENT OCCUPIED AREAS. VOIDS SHALL EITHER BE FILLED SOLID WITH A CEMENTITIOUS MIXTURE OR A FIRE RATED CAULKING COMPOUND.
2. DURING ALL DEMOLITION OPERATIONS THE CONTRACTOR SHALL MINIMIZE ASSOCIATED DUST AND VIBRATIONS. COORDINATE WITH OWNER FOR CRITICAL SEQUENCING (IF ANY) AND FOR EXTENT OF ADJACENT OCCUPIED AREAS AFFECTED. PROVIDE DAMPENED MATS AT EACH ENTRY / EXIT POINT TO THE CONTACT AREA.
3. THE DEMOLITION DRAWINGS ARE INTENDED TO BE SCHEMATIC SCOPE DOCUMENTS. IT SHALL BE EACH CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE, REVIEW THE EXISTING CONDITIONS AND CONSTRUCTION DOCUMENTS COMPLETELY, AND SHALL INCLUDE IN HIS PRICE ALL WORK NECESSARY TO COMPLETE THE INTENDED REMODELING / RENOVATIONS INDICATED ON DOCUMENTS.
4. THE DEMOLITION SCOPE OF WORK SHALL INCLUDE PATCHING TO MATCH EXISTING OF ALL HOLES LEFT BY THE DEMOLITION WORK ON EXPOSED SURFACES.
5. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DANGEROUS OF NON-COMPLYING CONDITIONS PRIOR TO PROCEEDING. EXISTING CONDITIONS ARE SHOWN TO THE BEST KNOWLEDGE OF THE ARCHITECT. IF ACTUAL CONDITIONS VARY, NOTIFY THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING IN AFFECTED AREAS. WHERE EXISTING UTILITIES ARE SHOWN OR REQUIRED TO BE CAPPED, REMOVED, OR ALTERED, WORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE PUBLIC UTILITY COMPANIES AND VILLAGE OF HOFFMAN ESTATES. APPROPRIATE AUTHORITIES / AGENCIES SHALL BE NOTIFIED PRIOR TO BEGINNING ANY WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR CLEAN UP AND REMOVAL FROM SITE OF ALL CONSTRUCTION DEBRIS, SALVAGED MATERIAL, ETC. ON A DAILY BASIS AND AT THE COMPLETION OF THE WORK. DAILY CLEAN UP TO INCLUDE CLEANING OF SURROUNDING AREAS.

DEMOLITION KEYNOTES

- D1 - REMOVE AND DISPOSE OF GLAZING UNITS AND ALL ASSOCIATED CAULK/SEALANT AND GASKETS IN ITS ENTIRETY IN PREPARATION FOR GLAZING REPLACEMENT. PROTECT STOREFRONT FRAMING SYSTEM FOR REUSE.
- D2 - REMOVE AND DISPOSE OF CAULK AND BACKER ROD AT THE STOREFRONT SYSTEM PERIMETER. PROTECT STOREFRONT FRAMING SYSTEM FOR REUSE.

DEMOLITION LEGEND

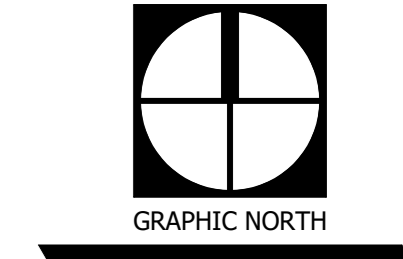
- EXISTING _____
- REMOVE - - - - -

TRIPHAHN CENTER - STOREFRONT GLASS REPLACEMENT
HOFFMAN ESTATES PARK DISTRICT
 1685 W. HIGGINS ROAD
 HOFFMAN ESTATES, IL 60169



NO.	DATE	DESCRIPTION

WA No. 2026-015
 Date 24 APR 2026
 Issue BID
 DWR RAN
 CHK FP



GENERAL NOTES,
FLOOR PLANS AND
DETAILS

A1.1

