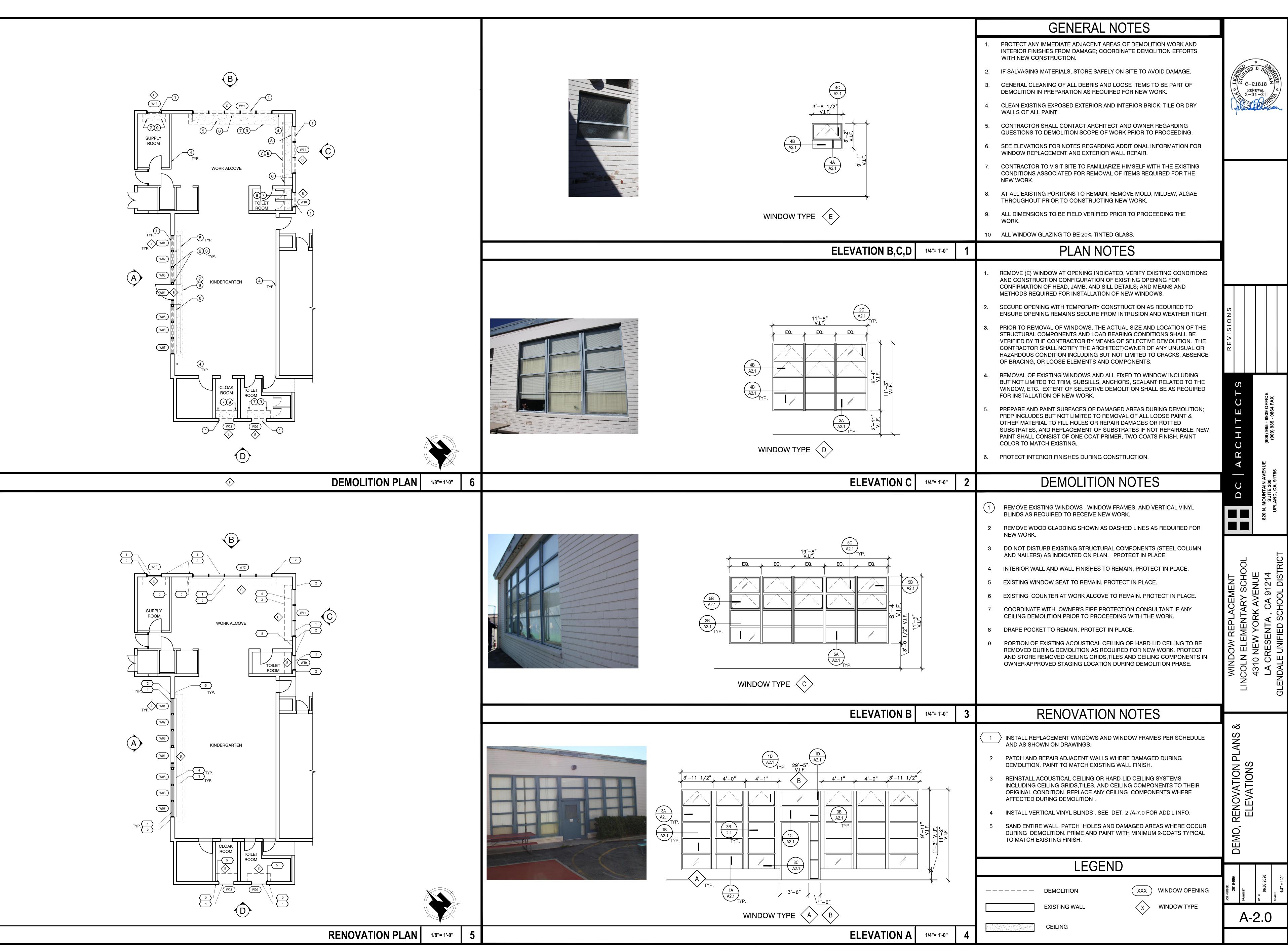
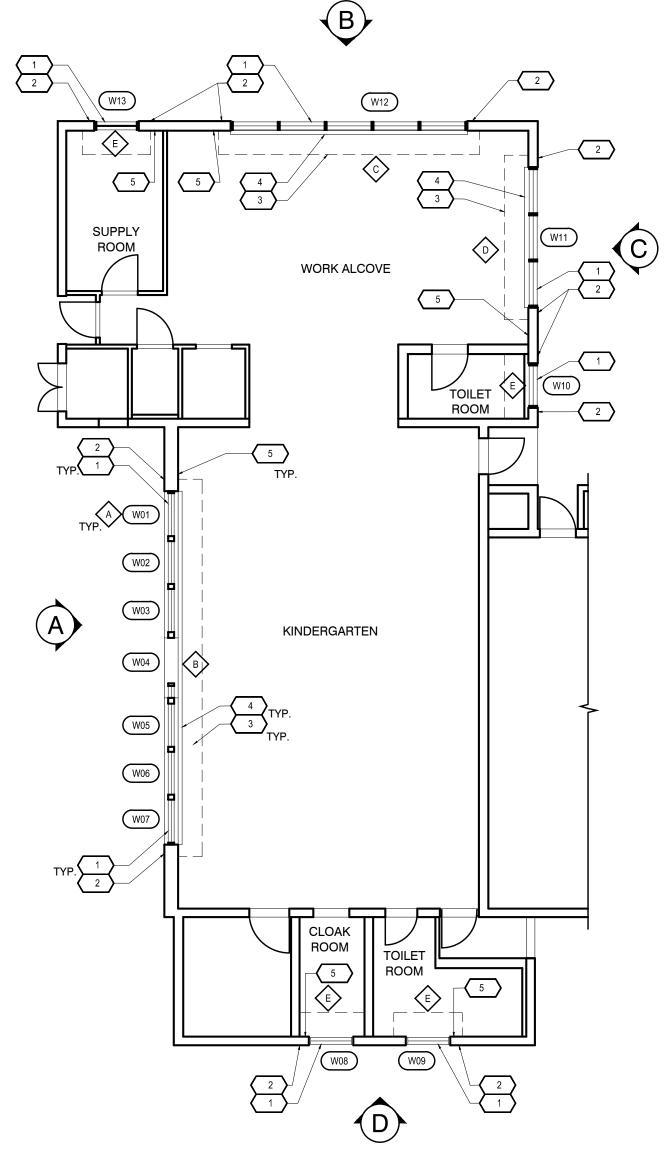
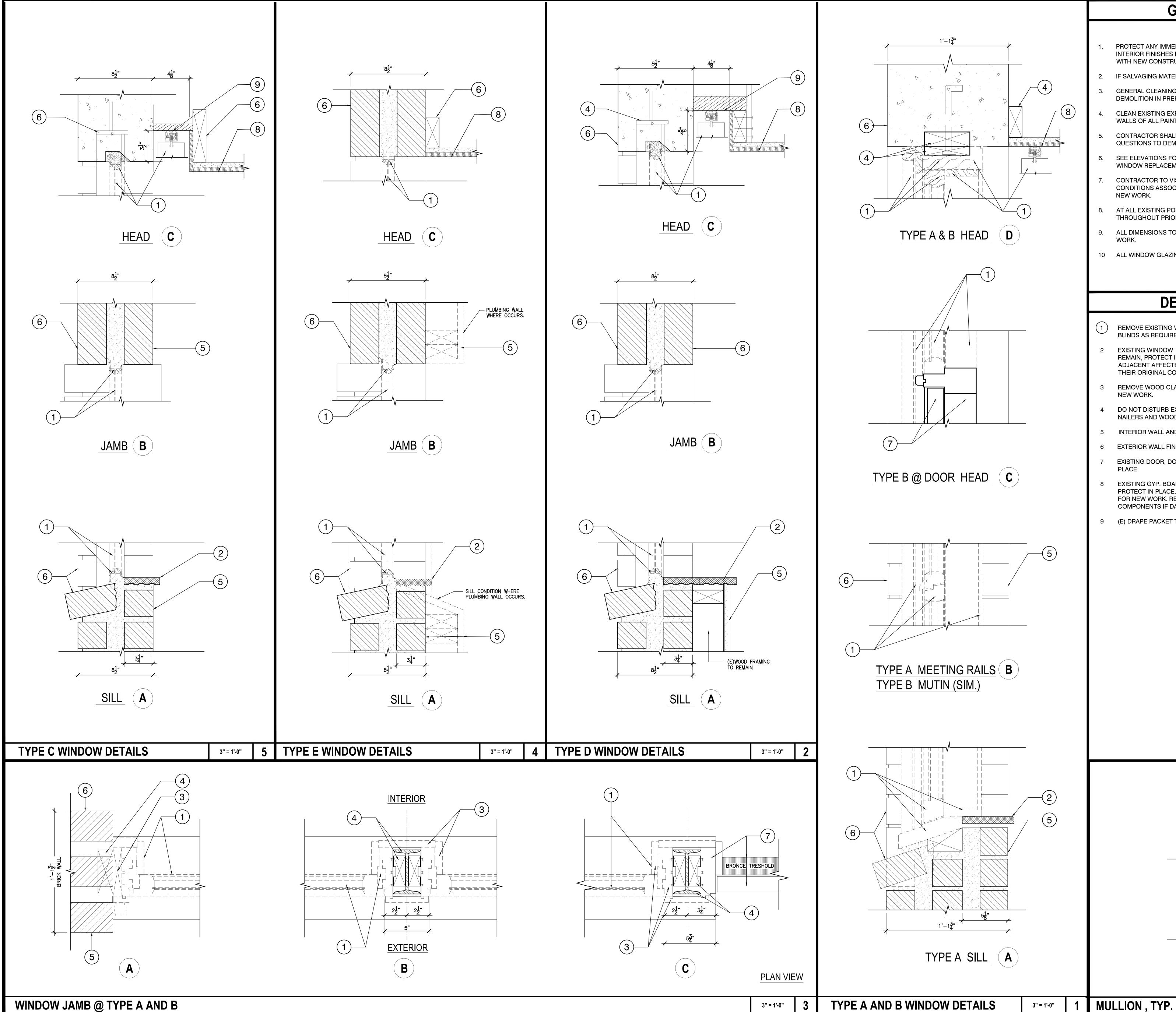


NFPA 13 NFPA 14 NFPA 17	<u>OF APPLICABLE STANDARDS</u> Automatic Sprinkler Systems Standpipe and Hose Systems Dry Chemical Extinguishing Systems			
NFPA 17a	Wet Chemical Extinguishing Systems			
NFPA 20	Stationary Pumps for Fire Protection			
NFPA 22	Water Tanks for Private Fire Protection			
NFPA 24	Private Fire Mains & Their Appurtenances			
NFPA 25	Standard for Inspection, Testing and Maintenance or Wa			
NFPA 72	National Fire Alarm & Signaling Code			
NFPA 80	Fire doors and Other Opening Protectives			
NFPA 92	Standard for Smoke Control Systems			
NFPA 253	Critical Radiant Flux of Floor Covering Systems			
NFPA 2001	Clean Agent Fire Extinguishing Systems			
ICC 300	ICC Standards on Bleachers, Folding and Telescopi			
UL 300	Fire Testing of Fire Extinguishing Systems for Prot			
UL 464	Audible Signal Appliances			
UL 521	Heat Detectors for Fire Protective Signaling System			
Reference code section for NFPA Standards— 2016 CBC (SFM) C See Chapter 35 for State of California amendments to NFPA Sta				







WINDOW JAMB @ TYPE A AND B

GENERAL NOTES

- PROTECT ANY IMMEDIATE ADJACENT AREAS OF DEMOLITION WORK AND INTERIOR FINISHES FROM DAMAGE; COORDINATE DEMOLITION EFFORTS WITH NEW CONSTRUCTION.
- IF SALVAGING MATERIALS, STORE SAFELY ON SITE TO AVOID DAMAGE.
- GENERAL CLEANING OF ALL DEBRIS AND LOOSE ITEMS TO BE PART OF DEMOLITION IN PREPARATION AS REQUIRED FOR NEW WORK.
- CLEAN EXISTING EXPOSED EXTERIOR AND INTERIOR BRICK, TILE OR DRY WALLS OF ALL PAINT.
- CONTRACTOR SHALL CONTACT ARCHITECT AND OWNER REGARDING QUESTIONS TO DEMOLITION SCOPE OF WORK PRIOR TO PROCEEDING.
- SEE ELEVATIONS FOR NOTES REGARDING ADDITIONAL INFORMATION FOR WINDOW REPLACEMENT AND EXTERIOR WALL REPAIR.
- CONTRACTOR TO VISIT SITE TO FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS ASSOCIATED FOR REMOVAL OF ITEMS REQUIRED FOR THE
- AT ALL EXISTING PORTIONS TO REMAIN, REMOVE MOLD, MILDEW, ALGAE THROUGHOUT PRIOR TO CONSTRUCTING NEW WORK.
- ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO PROCEEDING THE
- 10 ALL WINDOW GLAZING TO BE 20% TINTED GLASS.

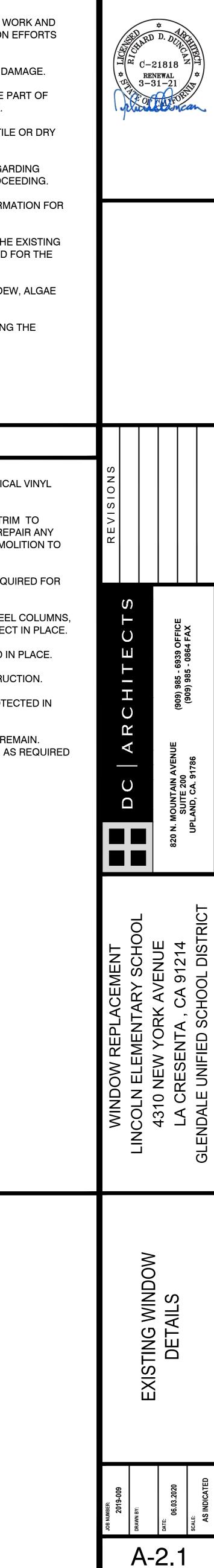
DEMOLITION NOTES

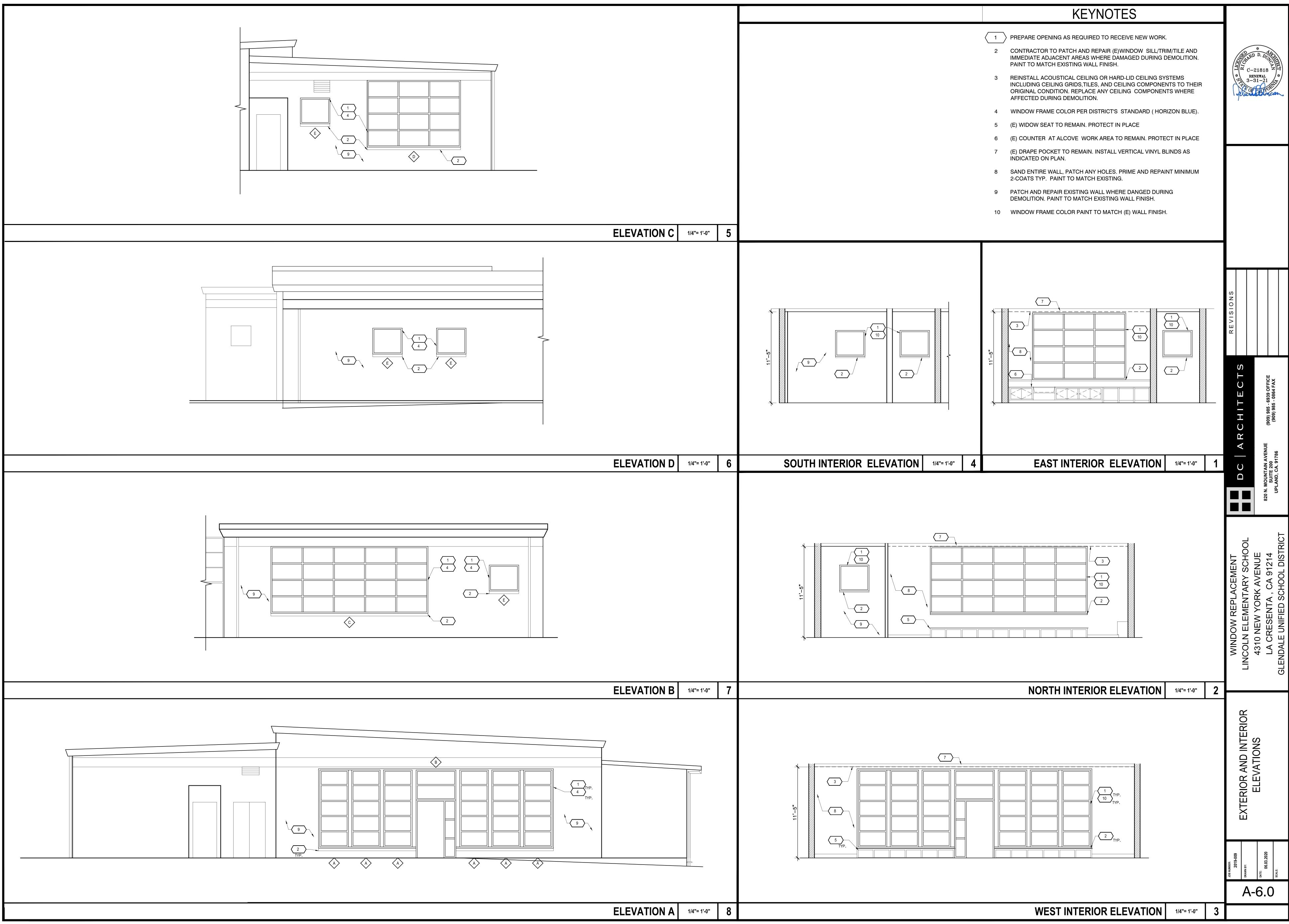
- REMOVE EXISTING WINDOW AND WINDOW FRAME AND VERTICAL VINYL BLINDS AS REQUIRED TO RECEIVE NEW WORK.
- EXISTING WINDOW WOOD & TILE SILLS AND WOOD STOOL/TRIM TO REMAIN, PROTECT IN PLACE. CONTRACTOR TO PATCH AND REPAIR ANY ADJACENT AFFECTED AREAS WHERE DAMAGED DURING DEMOLITION TO THEIR ORIGINAL CONDITION.
- REMOVE WOOD CLADDING SHOWN AS DASHED LINES AS REQUIRED FOR
- DO NOT DISTURB EXISTING STRUCTURAL COMPONENTS (STEEL COLUMNS, NAILERS AND WOOD PLATES) AS INDICATED ON PLAN. PROTECT IN PLACE.
- INTERIOR WALL AND WALL FINISHES TO REMAIN PROTECTED IN PLACE.
- EXTERIOR WALL FINISH. PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING DOOR, DOOR FRAME, THRESHOLD TO REMAIN PROTECTED IN
- EXISTING GYP. BOARDS, ACOUSTICAL CEILING SYSTEMS TO REMAIN. PROTECT IN PLACE. REMOVE PORTION OF EXISTING CEILING AS REQUIRED FOR NEW WORK. REINSTALL AND REPAIR REMOVED CEILING COMPONENTS IF DAMAGED DURING DEMOLITION.

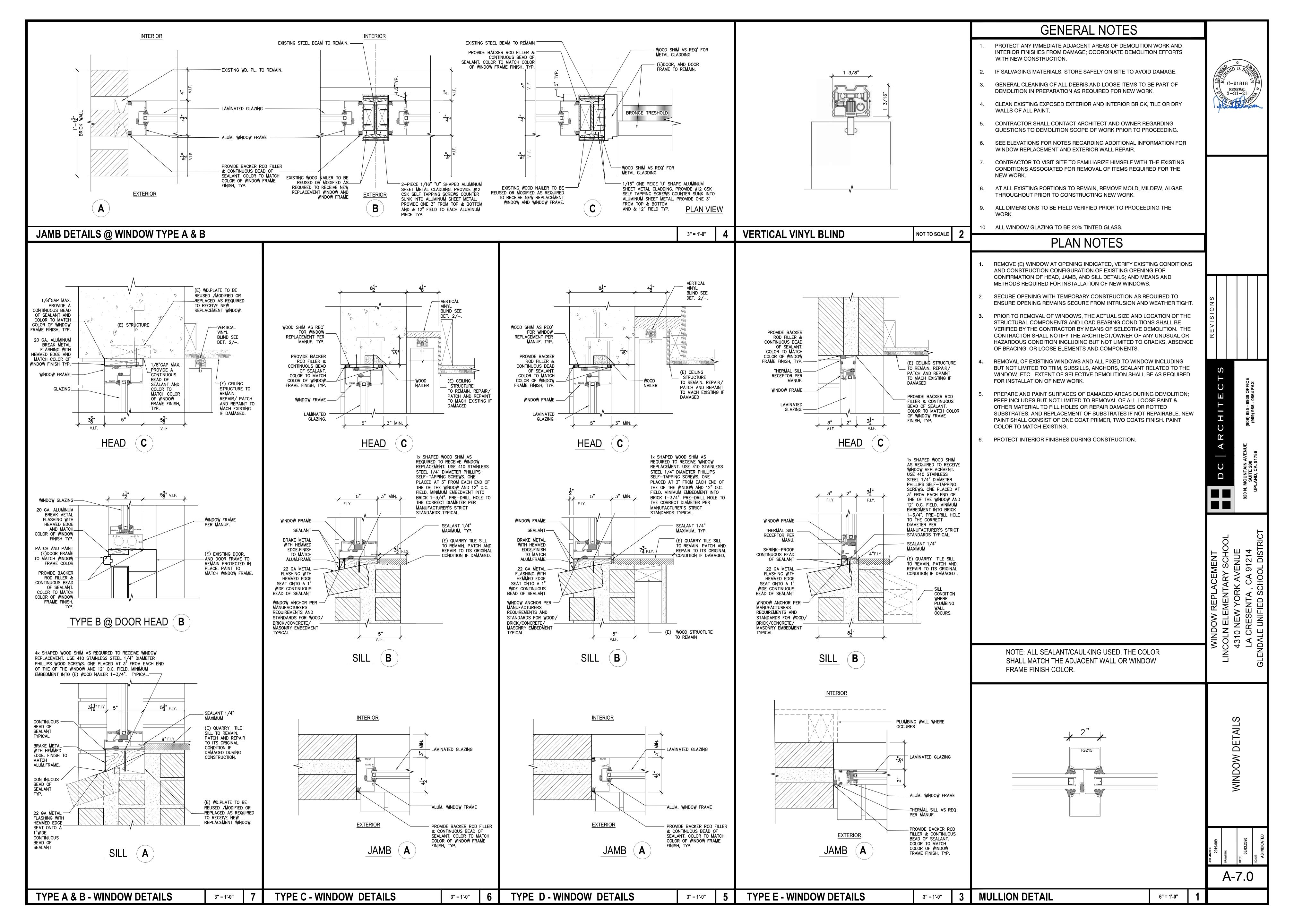
(1)

3" = 1'-0" 6

(E) DRAPE PACKET TO REMAIN. PROTECT IN PLACE.







ALUMINUM STOREFRONT REQUIREMENTS

ALUMINUM FRAMED STOREFRONT: ARCHITECTURAL PERFORMANCE CLASS (AW) LIMIT AIR LEAKAGE REQUIREMENTS

a. LIMIT AIR LEAKAGE THROUGH ASSEMBLY TO 0.06 CFM/min/sq.ft. (.00003 m³/sm²) OF WALL AREA AT 6.24 PSF (300 Pa) AS MEASURED IN ACCORDANCE WITH ASTM E283.

WATER RESISTANCE REQUIREMENTS

a. NO WATER LEAKAGE WHEN MEASURED IN ACCORDANCE WITH ASTM E331 WITH A STATIC TEST PRESSSURE OF 8 PSF (383 Pa).

PERFORMANCE REQUIREMENTS

- a. LIMIT MULLION WINDLOAD DEFLECTION OF L/175 WITH FULL RECOVERY OF GLAZING MATERIALS, WHEN MEASURED IN ACCORDANCE WITH ASTM E 330.
- b. SYSTEM SHALL NOT DEFLECT MORE THAN 1/8" AT THE CENTER POINT, OR 1/16" AT THE CENTER POINT OF A HORIZONTAL MEMBER, ONCE DEADLOAD POINTS HAVE BEEN ESTABLISHED.
- c. SYSTEM SHALL ACCOMMODATE EXPANSION AND CONTRACTION MOVEMENT DUE TO SURFACE TEMPERATURE DIFFERENTIAL OF 180 DEGREES F.
- d. SEISMIC TESTING SHALL CONFORM TO AAMA RECOMMENDED STATIC TEST METHOD FOR EVALUATING PERFORMANCE OF CURTAIN WALLS AND STOREFRONT WALL SYSTEMS DUE TO HORIZONTAL DISPLACEMENTS ASSOCIATED WITH SEISMIC MOVEMENTS AND BUILDING SWAY.
- e. THERMAL PERFORMANCE WHEN TESTED IN ACCORDANCE WITH AAMA 1503.1 THE FOLLOWING RESULTS SHOULD BE ATTAINED: U-MAXIMUM .63/CRF - MINIMUM OF 59. f. NATIONAL FENESTRATION RATING COUNCIL (NFRC) SPECIFIC APPLICATION EVALUATION.

TEST REPORTS AND CALCULATIONS

1. SUBMIT CERTIFIED INDEPENDENT LABORATORY TEST REPORTS VERIFYING COMPLIANCE WITH ALL TEST REQUIREMENTS OF 1.03.

2. SUBMIT STRUCTURAL CALCULATIONS INDICATING ADEQUACY OF ALL MATERIALS FURNISHED UNDER THIS SECTION, IN MEETING THE UNIFORM AND STRUCTURAL LOAD REQUIREMENTS AS SPECIFIED IN 1.03A.

WARRANTY

1. WARRANTED AGAINST FAILURE AND/OR DETERIORATION OF METALS DUE TO MANUFACTURING PROCESS FOR A PERIOD OF TWO (2) YEARS.

ACCEPTABLE WINDOW MANUFACTURER

1. DRAWINGS AND SPECIFICATION ARE BASED ON:

a.ARCADIA INC., AGR51T SERIES (THERMAL/NON-THERMAL). b.BASE BID WILL BE ARCADIA, INC., 2301 E VERNON CA. TELEPHONE 323/269-7300, FAX 323/269-7390.

2. ACCEPTABLE PRODUCTS:

a.ARCADIA INC., AG451T SERIES (THERMAL/NON-THERMAL) 2"X4-1/2" CENTER GLAZED SYSTEM FOR 1" GLASS.

3. SUBSTITUTIONS

a. OTHER MANUFACTURERS' PRODUCTS THAT MEET OR EXCEED SPECIFIED DESIGN REQUIREMENTS MAY BE CONSIDERED. SUBMIT THE FOLLOWING INFORMATION WITH REQUEST FOR SUBSTITUTIONS AT LEAST TEN (10) WORKING DAYS PRIOR TO BID DATE

- 1.1. TEST REPORTS SPECIFIED IN 1.03.
- 1.2. FULL PROPOSAL DETAILS AND SAMPLES SPECIFIED IN 1.04. 1.3. COPY OF MANUFACTURER'S WARRANTY SPECIFIED IN 1.07.
- 1.4. PROOF OF AT LEAST 10 YEARS EXPERIENCE IN THE DESIGN AND FABRICATION OF AW PERFORMANCE CLASS WINDOWS.
- 1.5. OTHER INFORMATION AS REQUESTED FOR EVALUATION

FINISHES

1. FINISH OF ALL EXPOSED AREAS OF ALUMINUM WINDOWS AND COMPONENTS SHALL BE DONE IN ACCORD WITH THE APPROPRIATE AAMA VOLUNTARY GUIDE SPECIFICATION SHOWN .

DESIGNATION	DESCRIPTION	STANDARD	COLOR
PAINT	70% PVDF	AAMA 2605	DISTRICT STANDARD HORIZON BLUE (MATCH EXISTING)

ALUMINUM WIN

ALUMINUM WINDOWS: ARCHITECTURAL P AIR INFILTRATION REQUIREMENTS

a. ACCORDANCE WITH ASTM E 283 AT A **INFILTRATION SHALL NOT EXCEED 0.3**

WATER TEST PERFORMANCE REQUIREME

a. ACCORDANCE WITH ASTM E 331/ASTM NO WATER LEAKAGE.

STRUCTURAL TEST PERFORMANCE REQU UNIFORM LOAD STRUCTURAL: ALUMINUM 101/I.S.2/A440-08, VOLUNTARY SPECIFICAT AW RATED PRODUCT.

COMPONENT TESTING: ACCORDANCE WIT 101/I.S.2/A440-08.

FORCED ENTRY RESISTANCE: ALL WINDON CONDENSATION RESISTANCE TEST: ACCC

0.59 BTU/HR/SF/° F.

THERMAL MOVEMENTS: ALLOW THERMAL CHANGE (RANGE) IN AMBIENT TEMPERATU (A) 120 DEG F (67 DEG C), AMBIENT; 180 DE

- TEST REPORTS AND CALCULATIONS
- 1. SUBMIT CERTIFIED INDEPENDENT LAE TEST REQUIREMENTS OF 1.03. 2. SUBMIT STRUCTURAL CALCULATIONS UNDER THIS SECTION, IN MEETING TH
- SPECIFIED IN 1.03A. WARRANTY
- PROCESS FOR A PERIOD OF TWO (2) YEARS.
- ACCEPTABLE WINDOW MANUFACTURER
- 1. DRAWINGS AND SPECIFICATION ARE BASED ON: a.ARCADIA INC., T200 SERIES (THERMAL). 323/269-7390.
- 2. ACCEPTABLE PRODUCTS:

a.ARCADIA INC., T200 SERIES (THERMALLY BROKEN) ARCHITECTURAL CLASS FIXED WINDOWS, 2-INCH DEPTH.

3. SUBSTITUTIONS

- REQUIREMENTS MAY BE CONSIDERED. SUBMIT THE FOLLOWING INFORMATION WITH REQUEST
- 1.1. TEST REPORTS SPECIFIED IN 1.03.
- 1.2. FULL PROPOSAL DETAILS AND SAMPLES SPECIFIED IN 1.04.
- 1.3. COPY OF MANUFACTURER'S WARRANTY SPECIFIED IN 1.07.
- PERFORMANCE CLASS WINDOWS. 1.5. OTHER INFORMATION AS REQUESTED FOR EVALUATION
- **FINISHES**

DESIGNATION	DESCRIPTION	STANDARD	COLOR
PAINT	70% PVDF	AAMA 2605.2	DISTRICT STANDARD HORIZON BLUE (MATCH EXISTING)

GLAZING REQUIREMENTS

1. ACCEPTABLE GLAZING MANUFACTURERS

- A.GLASS AND GLASS UNITS:
- 1.2. LIBBEY-OWENS-FORD CO.; LOS ANGELES, CA; 800-522-9430.
- 1.3. PPG INDUSTRIES; PITTSBURGH, PA; 800-377-5267.
- 1.4. VIRACON; NEWPORT BEACH, CA; 714-631-8361. 1.5. OLDCASTLE GLASS, SANTA MONICA, CA; 866-653-2278.
- B. FIRE-RATED GLASS:
- 1.1. TECHNICAL GLASS PRODUCTS, SEATTLE, WA, FIRELITE PLUS; 800-426-0279.

- 2. MATERIALS
- AS POSSIBLE, UNLESS NOTED OTHERWISE.
- B. GLAZING TYPES:
- INTERLAYER FILM MEETING UL972 REQUIREMENTS. i. ACCEPTABLE MANUFACTURERS AND PRODUCTS:
 - 1) INSULGARD COASTGUARD BY INSULGARD NO. CG416
 - 2) SAFLEX INTERLAYER BY SOLUTIA, INC.

STRINGENT, FOR THE FOLLOWING:

- 1. SETTING BLOCKS: NEOPRENE; 70-90 SHORE A DUROMETER HARDNESS.
- 2. SPACERS: NEOPRENE; 50 SHORE A DUROMETER HARDNESS.
- MATCH ADJACENT FRAMING.

- RELEASE PAPER; BLACK COLOR.

- - RETAINING SLOT.

NDOW REQUIREMENTS
PERFORMANCE CLASS (AW)
A STATIC AIR PRESSURE DIFFERENCE OF 6.24 PSF. AIR .30 CFM PER SQUARE FOOT.
ENTS
M E 547 AT A STATIC AIR PRESSURE DIFFERENCE OF 12 PSF.
UIREMENTS
I WINDOW SYSTEMS COMPLY WITH AAMA/WDMA/CSA TIONS FOR ALUMINUM WINDOWS. GUIDELINES FOR SPECIFIED
TH PROCEDURES DESCRIBED IN AAMA/NWWDA
DWS SHALL CONFORM TO CAWM 301-90.
ORDANCE WITH AAMA 1503.1-88, (U-VALUE) NOT MORE THAN
L MOVEMENT RESULTING FROM THE FOLLOWING MAXIMUM IURE. DEG F (100 DEG C), MATERIAL SURFACES.
ABORATORY TEST REPORTS VERIFYING COMPLIANCE WITH ALL
S INDICATING ADEQUACY OF ALL MATERIALS FURNISHED HE UNIFORM AND STRUCTURAL LOAD REQUIREMENTS AS

1. WARRANTED AGAINST FAILURE AND/OR DETERIORATION OF METALS DUE TO MANUFACTURING

b.BASE BID WILL BE ARCADIA, INC., 2301 E VERNON CA. TELEPHONE 323/269-7300, FAX

a. OTHER MANUFACTURERS' PRODUCTS THAT MEET OR EXCEED SPECIFIED DESIGN

FOR SUBSTITUTIONS AT LEAST TEN (10) WORKING DAYS PRIOR TO BID DATE.

1.4. PROOF OF AT LEAST 10 YEARS EXPERIENCE IN THE DESIGN AND FABRICATION OF AW

1. FINISH OF ALL EXPOSED AREAS OF ALUMINUM WINDOWS AND COMPONENTS SHALL BE DONE IN ACCORD WITH THE APPROPRIATE AAMA VOLUNTARY GUIDE SPECIFICATION SHOWN .

1.1. GUARDIAN INDUSTRIES CORPORATION; CARLETON, MI; 800-521-9040.

1.2. O'KEEFE'S/SAFTIFIRST, SUPERLITE I (20 MINUTES), SUPERLITE I-XL (45 AND AND SUPERLITE 2XL (45 TO 180 MINUTES), SAN FRANCISCO, CA; 888- 653-3333 1.3. FIRE-RATED GLASS TO BE UL OR INTERTEK/WARNOCK HERSEY, INC. TESTED.

A.GENERAL: ALL REPLACEMENT GLAZING TO MATCH EXISTING ADJACENT GLAZING AS CLOSE

1. TYPE 8 (LAMINATED GLAZING): TWO LAYERS OF 1/8" THICK, TEMP, (1/4" INCH LOW E, WITH GREY LIGHT 20% TINT AND TO NOTCH EXISTING.) LAMINATED GLAZING WITH 0.03" THICKNESS

C.GLAZING ACCESSORIES: CONFORM TO FGMA GLAZING SEALING SYSTEMS MANUAL AND/OR PRINTED RECOMMENDATIONS BY GLAZING MANUFACTURERS, WHICHEVER IS MOST

3. GLAZING POINTS: RESILIENT POLYVINYL CHLORIDE EXTRUDED SHAPE TO SUIT GLAZING CHANNEL

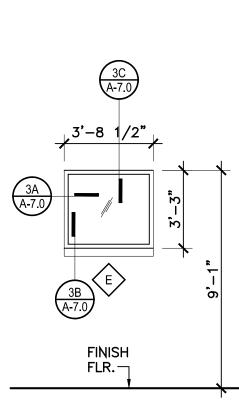
4. GLAZING COMPOUND: FS TT-G-410 (SUPERSEDE BY ASTM C669-00); NON-HARDENING; KNIFE GRADE CONSISTENCY DAP 1012 GLAZING COMPOUND OR APPROVED EQUIVALENT; FACTORY COLOR TO

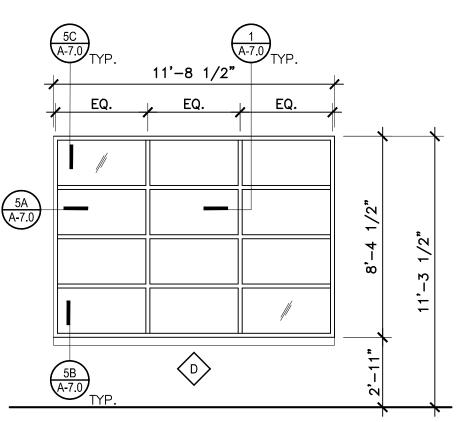
5. SILICONE SEALANT'S TT-S-1543; SINGLE COMPONENT; CURED SHORE A HARDNESS OF 15-25. a. TREMCO, GENERAL ELECTRIC, AND DOW CORNING SEALANT PRODUCTS ARE APPROVED WHERE USE IS DOCUMENTED AND IN ACCORDANCE WITH THE USE AND CONDITIONS OF THIS PROJECT 6. GLAZING TAPE: PREFORMED BUTYL COMPOUND; 10-15 SHORE A HARDNESS; COILED ON

V	WINDOW SCHEDULE										
	NEW WINDOW		WINDOW FRAME		AME	DETAILS					
NUMBER											
				AL		HEAD	JAMB	SILL	MULLION	ТҮРЕ	REMARKS
OPENING	ТҮРЕ	WIDTH	НЕІСНТ	MATERIAL	FINISH	DET	DET	DET	DET	GLASS	
						SHT	SHT	SHT	SHT		* ALL GLAZING TO BE 20% TINTED, TYP.
WO1	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4A A-7.0	7A A-7.0	1 A-7.0	GLZ	
₩02	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4B A-7.0	7A A-7.0	1 A-7.0	GLZ	
₩03	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4C A-7.0	7A A-7.0	1 A-7.0	GLZ	
₩04	В	5'-5 1/2"	3'-11"	ALUM	PTD	7C A-7.0	4B A-7.0	7B A-7.0	1 A-7.0	GLZ	
₩05	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4C A-7.0	7A A-7.0	1 A-7.0	GLZ	
₩06	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4B A-7.0	7A A-7.0	1 A-7.0	GLZ	
₩07	A	4'-0"	9'-11 1/2"	ALUM	PTD	7C A-7.0	4A A-7.0	7A A-7.0	1 A-7.0	GLZ	
\$0%	E	3'-8 1/2"	3'-3"	ALUM	PTD	3C A-7.0	3A A-7.0	3B A-7.0		GLZ	
wоэ	E	3'-8 1/2"	3'-3"	ALUM	PTD	3C A-7.0	3A A-7.0	3B A-7.0		GLZ	
Ŵ10	E	3'-8 1/2"	3'-3"	ALUM	PTD	3C A-7.0	3A A-7.0	3B A-7.0		GLZ	
W11	D	11'-8 1/2"	8'-4 1/2"	ALUM	PTD	5C A-7.0	5A A-7.0	5B A-7.0	1 A-7.0	GLZ	
W12	с	19'-8 1/2"	8'-4 1/2"	ALUM	PTD	6C A-7.0	6A A-7.0	$\langle \dots \rangle$	1 A-7.0	GLZ	
W13	E	3'-8 1/2"	3'-3"	ALUM	PTD	3C A-7.0	3A A-7.0	3B A-7.0		GLZ	

NOTES:

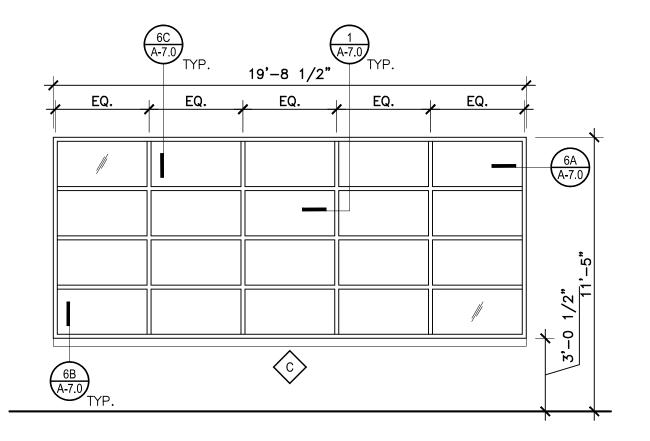
1. THE GIVEN WINDOW MEASUREMENTS ARE BASED ON AS-BUILT AND ARE AS A ROUGH REFERENCE PROVIDED BY THE DISTRICT. THE EXACT WINDOW MEASUREMENTS SHOULD BE FIELD VERIFIED BY THE CONTRACT FOR PROPER FITMENT AND ORDERING OF THE NEW REPLACEMENT.

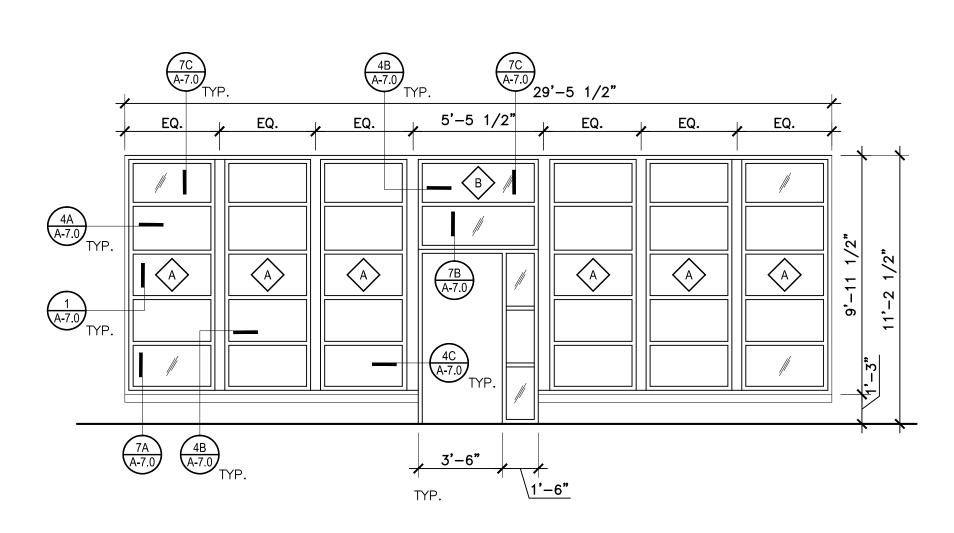




WINDOW TYPE E

WINDOW TYPE D





	GENERAL NOTES
1.	PROTECT ANY IMMEDIATE ADJACENT AREAS OF DEMOLITION INTERIOR FINISHES FROM DAMAGE; COORDINATE DEMOLITION WITH NEW CONSTRUCTION.
2.	IF SALVAGING MATERIALS, STORE SAFELY ON SITE TO AVOID I
3.	GENERAL CLEANING OF ALL DEBRIS AND LOOSE ITEMS TO BE DEMOLITION IN PREPARATION AS REQUIRED FOR NEW WORK.
4.	CLEAN EXISTING EXPOSED EXTERIOR AND INTERIOR BRICK, TI WALLS OF ALL PAINT.
5.	CONTRACTOR SHALL CONTACT ARCHITECT AND OWNER REG QUESTIONS TO DEMOLITION SCOPE OF WORK PRIOR TO PRO
6.	SEE ELEVATIONS FOR NOTES REGARDING ADDITIONAL INFOR WINDOW REPLACEMENT AND EXTERIOR WALL REPAIR.
7.	CONTRACTOR TO VISIT SITE TO FAMILIARIZE HIMSELF WITH TH CONDITIONS ASSOCIATED FOR REMOVAL OF ITEMS REQUIRED NEW WORK.
8.	AT ALL EXISTING PORTIONS TO REMAIN, REMOVE MOLD, MILD THROUGHOUT PRIOR TO CONSTRUCTING NEW WORK.
9.	ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO PROCEEDIN WORK.
10	ALL WINDOW GLAZING TO BE 20% TINTED GLASS.

PLAN NOTES

1. PRIOR TO PREPARATION OF SHOP DRAWINGS, REMOVE EXISTING WINDOW AT OPENING INDICATED, VERIFY EXISTING CONDITIONS AND CONSTRUCTION CONFIGURATION OF EXISTING OPENING FOR CONFIRMATION OF HEAD, JAMB, AND SILL DETAILS; AND MEANS AND METHODS REQUIRED FOR INSTALLATION OF WINDOWS. SECURE OPENING WITH TEMPORARY CONSTRUCTION AS REQUIRED TO ENSURE OPENING REMAINS SECURE FROM INTRUSION AND WEATHER TIGHT.

WINDOW TYPES	1/4"=
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= 1'-0"

ON WORK AND **FION EFFORTS**

ID DAMAGE. **BE PART OF**

TILE OR DRY

EGARDING ROCEEDING. ORMATION FOR

THE EXISTING RED FOR THE

ILDEW, ALGAE

DING THE

C-21818 RENEWAL ∞ 3−31−21 939 OFI ^864 F 985 9) 98 z ш 4 \sim တ 0 45 LA Š ШО СШ Z I ≥ ù S O A-7.1