

KCHA BRITTANY PARK - WINDOW REPLACEMENT

ABBREVIATIONS

& L
@
□

(E)
⌒
⌒
A.B.
ABV
AC
ACP
ACU
ADJ
AFF
ALT
ALUM
APPROX
ARCH

BLDG
BLW
BM
B.O.
BRS

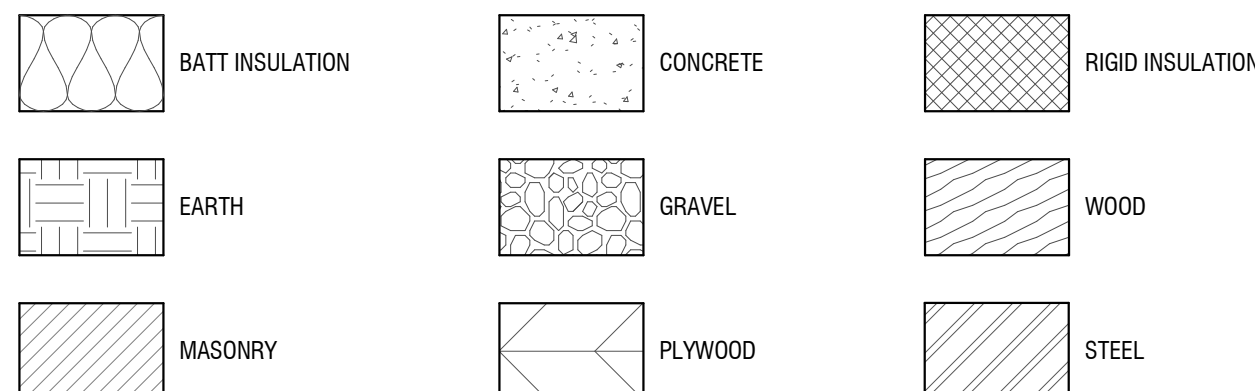
CB
CBB
CEM
CJ
CL
CLG
CLR
CO
COL
CONC
COND
CONT
CPT
CTR

DBL
DEMO
DIA
DIFF
DIM
DISP
DN
DR
DS
DTL
DW

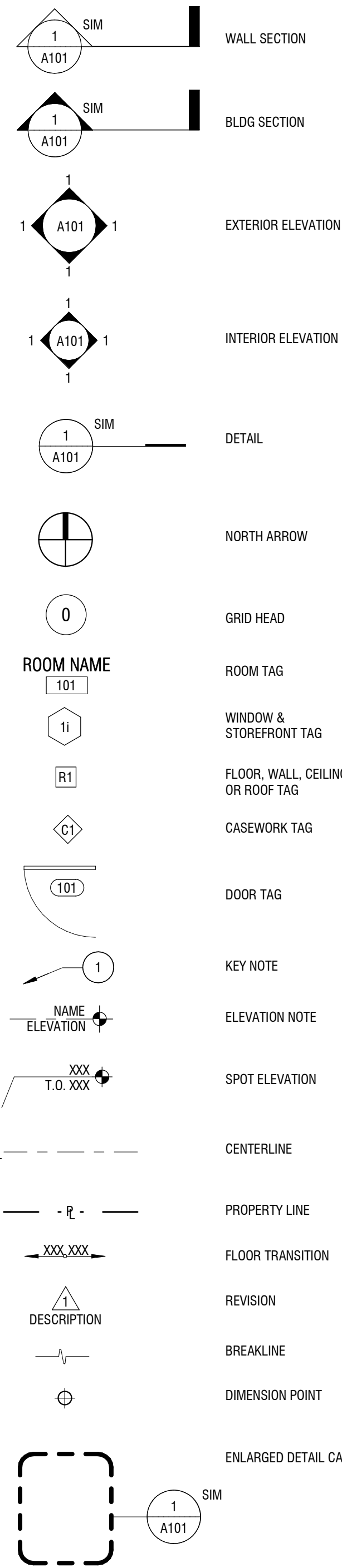
E
EA
ECS
EF
EL
ELEC
ELEV
EMERG
EQ
EXP
EXT

FBP
FD
FE
FF
FH
FIN
FLR
F.O.
FOIC
FOIO
FR
FS
FT

MATERIAL SYMBOLS



DRAFTING SYMBOLS



GENERAL NOTES

- MATERIALS, ASSEMBLIES AND NOTED ITEMS ARE NEW UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL VERIFY CONDITIONS. NOTIFY THE ARCHITECT OF ANY CONDITIONS INCONSISTENT WITH THE INTENT OF THE DRAWINGS PRIOR TO STARTING OR CONTINUING WORK IN THE AREA CONCERNED.

CODE:

- ALL WORK SHALL CONFORM TO APPLICABLE CODES AND LOCAL BUILDING REQUIREMENTS, WHICH INCLUDE THE MOST CURRENT EDITIONS OF THE INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS, INTERNATIONAL MECHANICAL CODE (IMC), NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL FIRE CODE (IFC), AND WASHINGTON STATE ENERGY CODE (WEC).
- REFER TO WINDOW SCHEDULE FOR WINDOW SIZES AND TYPES. ALL GLAZING WITHIN 18" OF INTERIOR FLOOR, EXTERIOR WALKING SURFACE OR WITHIN 24" OF A DOOR IN ANY POSITION TO BE TEMPERED GLASS UNLESS INDICATED OTHERWISE.

DEMOLITION:

- WHERE ITEMS ARE INDICATED ON PLANS TO BE DEMOLISHED, IT SHALL MEAN THE COMPLETE REMOVAL AND DISPOSAL OF THE ITEM INDICATED UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF THE HAZARDOUS MATERIALS ABATEMENT, ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR CUTTING AND PATCHING WORK.

DIMENSIONS:

- DO NOT SCALE DRAWINGS.
- VERIFY DIMENSIONS SHOWN ON DRAWINGS. USE ONLY DIMENSIONS INDICATED. PRIOR TO STARTING OR CONTINUING WORK, NOTIFY ARCHITECT OF DISCREPANCIES OR CONDITIONS INCONSISTENT WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.
- DIMENSIONS ARE TO FACE OF CONCRETE, FACE OF MASONRY, OR FACE OF STUD, UNLESS OTHERWISE NOTED.
- WINDOWS ARE DIMENSIONED TO CENTERLINE OF OPENING WITHIN FRAMED WALLS AND TO MASONRY OPENING WITHIN MASONRY WALLS, UNLESS OTHERWISE NOTED.

COORDINATION:

- COORDINATE ALL OPERATIONS WITH OWNER, SUCH AS AREAS USED FOR MATERIAL STORAGE, ACCESS TO AND FROM THE SITE, TIMING OF WORK AND REQUIREMENTS OF NOISE ORDINANCE. INSTALL DUST AND NOISE BARRIERS AS REQUIRED TO PROTECT EXISTING ADJACENT BUILDINGS AND OCCUPANTS AND TO MAINTAIN AN ENVIRONMENT SUITABLE TO PERMIT CONTINUED OCCUPANCY OF SUBJECT AND ADJACENT BUILDINGS.
- REVIEW DEMOLITION DRAWINGS. PATCH AND REPAIR ALL EXISTING SURFACES AFFECTED BY DEMOLITION WORK.
- VERIFY LOCATIONS OF EXISTING UTILITIES. CAP, MARK AND PROTECT AS NECESSARY TO COMPLETE THE WORK.
- "REMOVE" MEANS TO COMPLETELY AND PERMANENTLY REMOVE FROM THE PROJECT.

PROJECT INFORMATION

PROJECT OWNER:
KING COUNTY HOUSING AUTHORITY (KCHA)

PROJECT MANAGER:
MICHAEL CUADRA

PROJECT ADDRESS:
18265 1ST AVE S
NORMANDY PARK, WA 98148

SCOPE DESCRIPTION:
REMOVE AND REPLACE EXTERIOR WINDOWS
(STOREFRONTS NOT INCLUDED).

ZONING ANALYSIS

PARCEL NUMBER: 312304-9060

LEGAL DESCRIPTION: E 1/2 OF S 1/4 OF SE 1/4 OF SE 1/4 OF NE 1/4 LESS CO RD

LOT AREA: 46,292 SQFT (1.06 ACRES)

ZONE: RM-1800

CURRENT USE: APARTMENT

YEAR BUILT: 1970

(E) BLDG AREA: 22,249 SQFT

(E) LOT COVERAGE: 11,567 SQFT

(E) BLDG HEIGHT: 35' +/-

(E) STORIES: 3

12. REQUIRED SETBACKS: NO CHANGE

APPLICABLE CODES

- NORMANDY PARK MUNICIPAL CODE
- 2021 INTERNATIONAL BUILDING CODE W/ WASHINGTON STATE AMENDMENTS
- 2021 EXISTING BUILDING CODE
- 2021 WASHINGTON STATE ENERGY CODE
- ALL CODES ADOPTED AND AMENDED BY THE STATE BUILDING CODE COUNCIL

DESIGN TEAM

ARCHITECT:
SHKS ARCHITECTS
1050 NORTH 38TH ST
SEATTLE, WA 98103
TEL: 206.675.9151
CONTACT: LEVI JETTE
EMAIL: levi@shksarchitects.com

SHEET INDEX

A0.0	COVER SHEET
A1.0	SITE PLAN
A2.1	FIRST FLOOR PLAN
A2.2	SECOND & THIRD FLOOR PLAN
A3.0	EXTERIOR ELEVATIONS & PHOTOS
A6.0	SCHEDULE & DETAILS

KCHA
BRITTANY PARK
WINDOW
REPLACEMENT

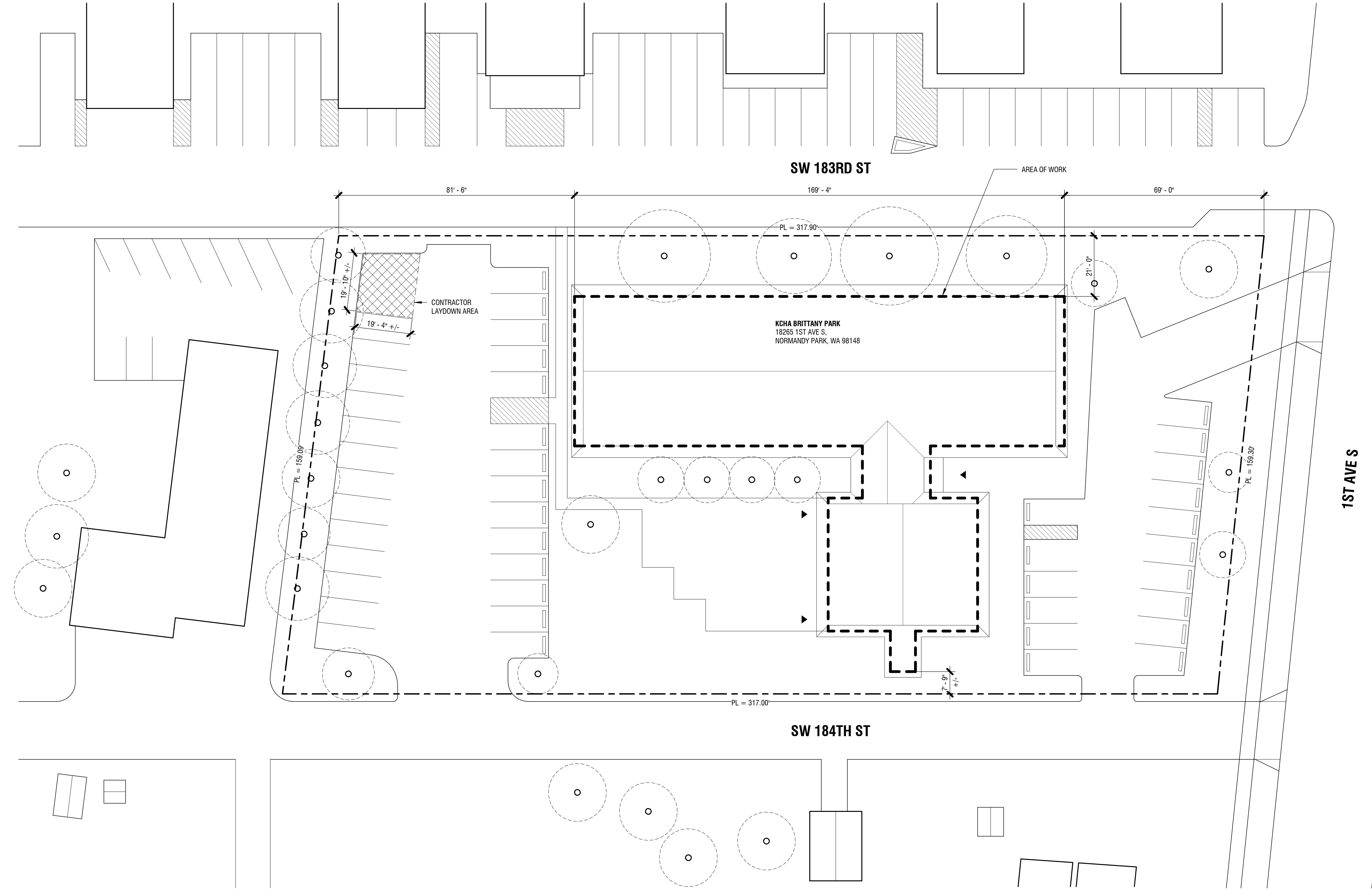
BID SET

18265 1ST AVE S
NORMANDY PARK, WA 98148

Drawn by:	_____	L
Checked:	_____	NM
Date:	_____	12/13/2024
Scale:	_____	As indicated
Revisions:		
No.	Date	Remarks

COVER SHEET

A0.0



1 SITE PLAN
1" = 20'-0"

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS PRIOR TO BIDDING AND MUST PROTECT THOSE CONDITIONS DURING CONSTRUCTION.
2. ALL EXISTING TREES AND VEGETATION TO BE RETAINED.
3. ALL LANDSCAPE / UNIMPROVED AREAS DISTURBED SHALL BE RESTORED TO THEIR EXISTING CONDITIONS. HYDROSEED ALL GRASS AREAS DISTURBED.
4. OWNER WILL PROVIDE TREE PRUNING AS NECESSARY.
5. CONDUCT WORK AND TAKE PREVENTATIVE MEASURES SUCH THAT DUST OR OTHER PARTICULATE MATTER IN THE PROJECT AREA SHALL NOT BECOME OBJECTIONABLE TO THE OWNER AND THAT THE CONSTRUCTION SITE MEETS THE REQUIREMENTS OF REGULATIONS 1 AND 2 OF THE PUGET SOUND AIR POLLUTION CONTROL AUTHORITY.

KCHA
BRITTANY PARK
WINDOW
REPLACEMENT

BID SET
18265 1ST AVE S
NORMANDY PARK, WA 98148

Drawn by: LJ
Checked: NM
Date: 12/13/2024
Scale: 1" = 20'-0"
Revisions:
No. Date Remarks

SITE PLAN
A1.0

12/13/2024 4:03:18 PM

1 FIRST FLOOR PLAN
1/8" = 1'-0"



KEYNOTE LEGEND	
MARK	KEYNOTE TEXT
7.1	COAT LIQUID-APPLIED FLASHING AT ROUGH OPENING, DO NOT APPLY LIQUID-APPLIED FLASHING WHERE IT WILL BE EXPOSED AFTER WINDOW INSTALL
8.1	REMOVE AND REPLACE WINDOW PER SCHEDULE, INSTALL EXTERIOR WATERPROOFING, MOISTURE RESISTANT DRYWALL, INTERIOR TRIM, AND FINISH PER DETAIL
12.1	REMOVE AND REPLACE VERTICAL LOUVER BLINDS AT WINDOW

PLAN LEGEND
(E) WALL

GENERAL NOTES:
1. BUILDING OCCUPIED DURING CONSTRUCTION.
2. IF WATER DAMAGE IS OBSERVED IN THE COURSE OF THE PROJECT, NOTIFY OWNER IMMEDIATELY.
3. ALL DIMENSIONS ARE APPROXIMATE. VERIFY IN FIELD.
4. PATCH, REPAIR, AND PAINT INTERIOR FINISHES DAMAGED DURING CONSTRUCTION TO MATCH (E) CONDITION.

shks
ARCHITECTS

Seattle HQ
PH: 206.675.9151
info@shksarchitects.com
1050 N 38th Street
Seattle, WA 98103



KCHA
BRITTANY PARK
WINDOW
REPLACEMENT

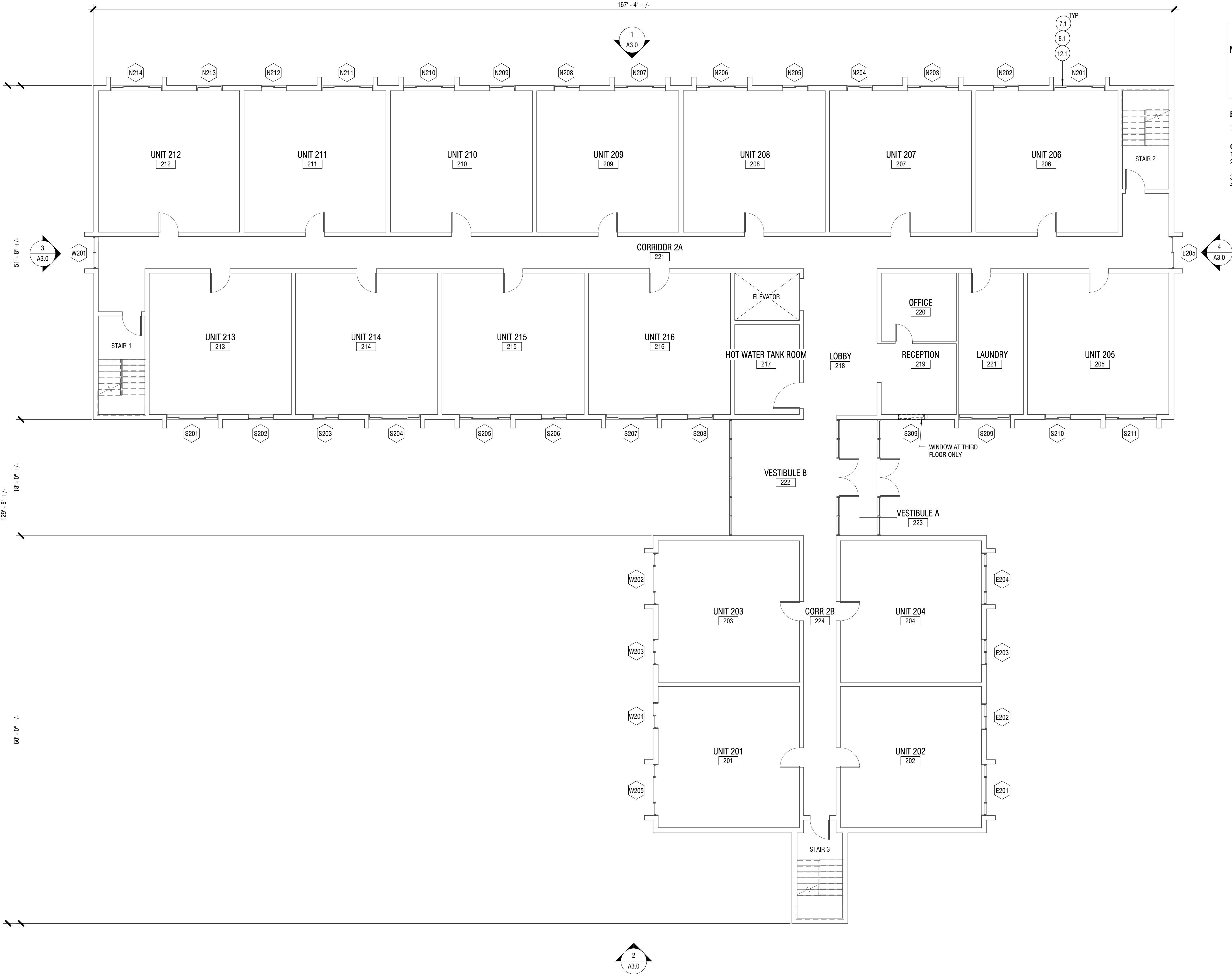
BID SET
18265 1ST AVE S
NORMANDY PARK, WA 98148

Drawn by: LJ
Checked: NM
Date: 12/13/2024
Scale: As indicated
Revisions:
No. Date Remarks

FIRST FLOOR
PLAN
A2.1

12/13/2024 4:00:19 PM

1 SECOND FLOOR PLAN (THIRD FLOOR SIM)
1/8" = 1'-0"



KEYNOTE LEGEND	
MARK	KEYNOTE TEXT
7.1	COAT LIQUID-APPLIED FLASHING AT ROUGH OPENING, DO NOT APPLY LIQUID-APPLIED FLASHING WHERE IT WILL BE EXPOSED AFTER WINDOW INSTALL
8.1	REMOVE AND REPLACE WINDOW PER SCHEDULE, INSTALL EXTERIOR WATERPROOFING, MOISTURE RESISTANT DRYWALL, INTERIOR TRIM, AND FINISH PER DETAIL
12.1	REMOVE AND REPLACE VERTICAL LOUVER BLINDS AT WINDOW

PLAN LEGEND
(E) WALL

- GENERAL NOTES:
- BUILDING OCCUPIED DURING CONSTRUCTION.
 - IF WATER DAMAGE IS OBSERVED IN THE COURSE OF THE PROJECT, NOTIFY OWNER IMMEDIATELY.
 - ALL DIMENSIONS ARE APPROXIMATE. VERIFY IN FIELD.
 - PATCH, REPAIR, AND PAINT INTERIOR FINISHES DAMAGED DURING CONSTRUCTION TO MATCH (E) CONDITION.

shks
ARCHITECTS

Seattle HQ
PH: 206.675.9151
info@shksarchitects.com
1050 N 38th Street
Seattle, WA 98103



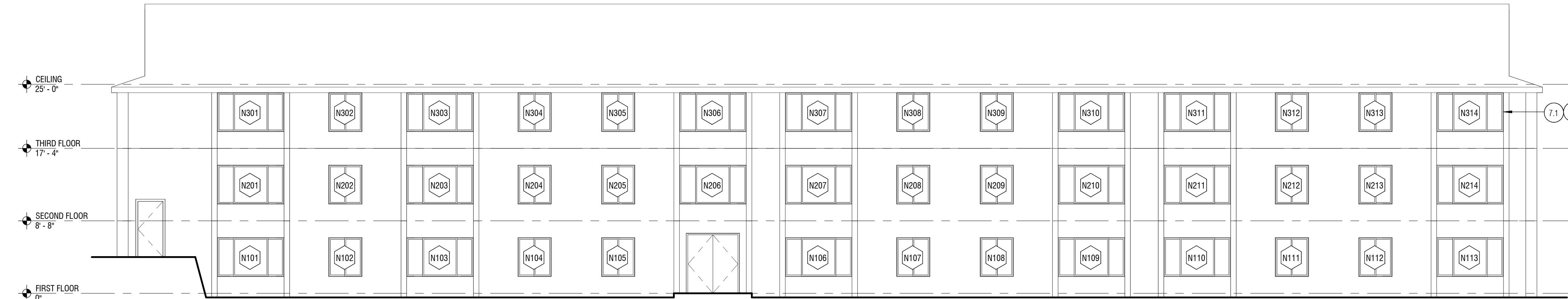
KCHA
BRITTANY PARK
WINDOW
REPLACEMENT

BID SET

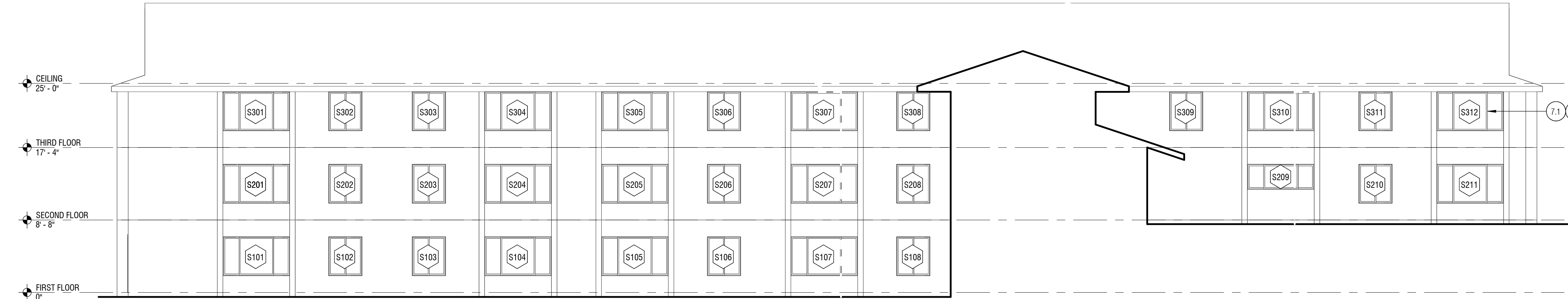
18265 1ST AVE S
NORMANDY PARK, WA 98148

Drawn by: LJ
Checked: NM
Date: 12/13/2024
Scale: As indicated
Revisions:
No. Date Remarks

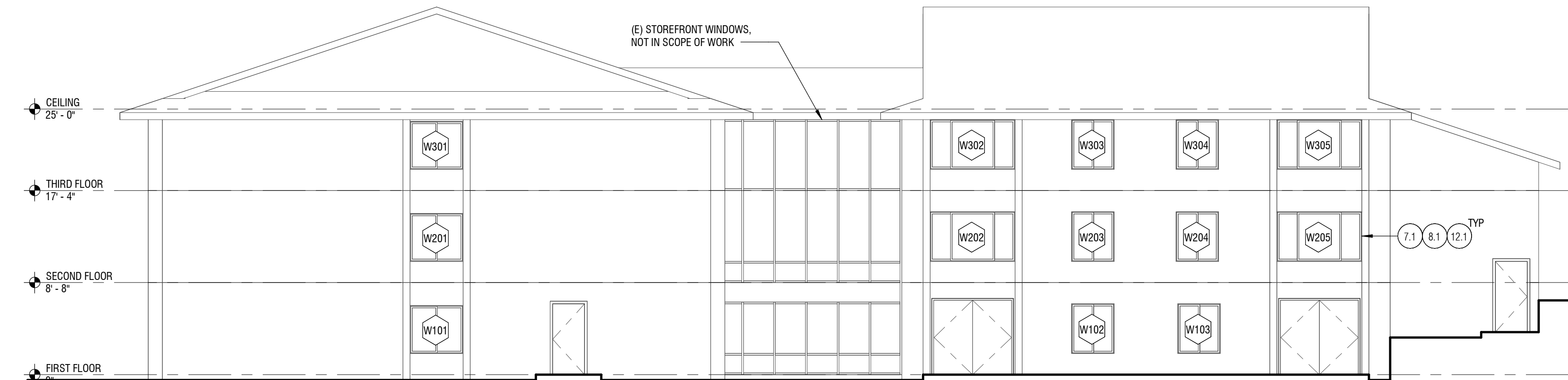
SECOND & THIRD
FLOOR PLAN
A2.2



1 NORTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"



4 EAST ELEVATION
1/8" = 1'-0"

KEYNOTE LEGEND	
MARK	KEYNOTE TEXT
7.1	COAT LIQUID-APPLIED FLASHING AT ROUGH OPENING, DO NOT APPLY LIQUID-APPLIED FLASHING WHERE IT WILL BE EXPOSED AFTER WINDOW INSTALL
8.1	REMOVE AND REPLACE WINDOW PER SCHEDULE, INSTALL EXTERIOR WATERPROOFING, MOISTURE RESISTANT DRYWALL, INTERIOR TRIM, AND FINISH PER DETAIL
12.1	REMOVE AND REPLACE VERTICAL LOUVER BLINDS AT WINDOW

- GENERAL NOTES:**
- BUILDING OCCUPIED DURING CONSTRUCTION
 - IF WATER DAMAGE IS OBSERVED IN THE COURSE OF THE PROJECT, NOTIFY OWNER IMMEDIATELY.
 - ALL DIMENSIONS ARE APPROXIMATE. VERIFY IN FIELD.
 - PATCH, REPAIR, AND PAINT INTERIOR FINISHES DAMAGED DURING CONSTRUCTION TO MATCH (E) CONDITION.



PHOTO @ PORTION OF WEST ELEVATION

REMOVE & REPLACE WINDOWS, REF TO SCHED, TYP

(E) DOORS, NOT IN SCOPE, TYP



PHOTO @ WEST STOREFRONT ELEVATION

REMOVE & REPLACE WINDOWS, REF TO SCHED, TYP

(E) STOREFRONT, NOT IN SCOPE, TYP



PHOTO @ (E) WINDOW HEAD

REMOVE & REPLACE WINDOW, REF TO SCHED, TYP

REMOVE (E) CHANNEL AND VERIFY THAT EXISTING ROUGH OPENING IS LEVEL, PLUMB, AND STRUCTURALLY SOUND



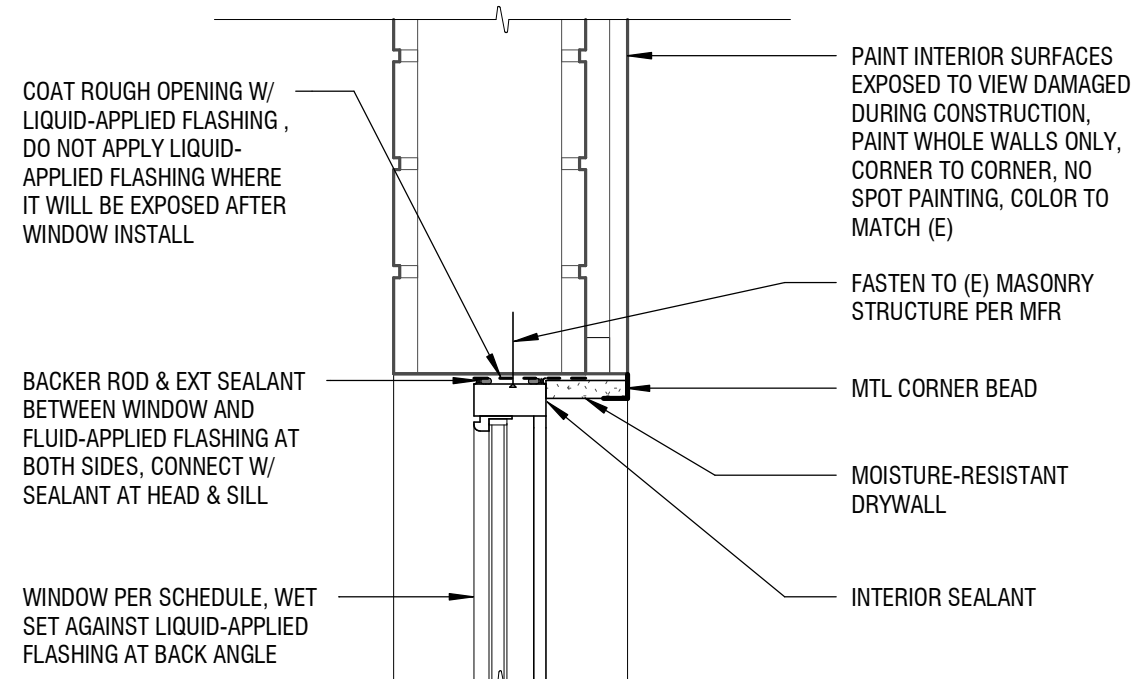
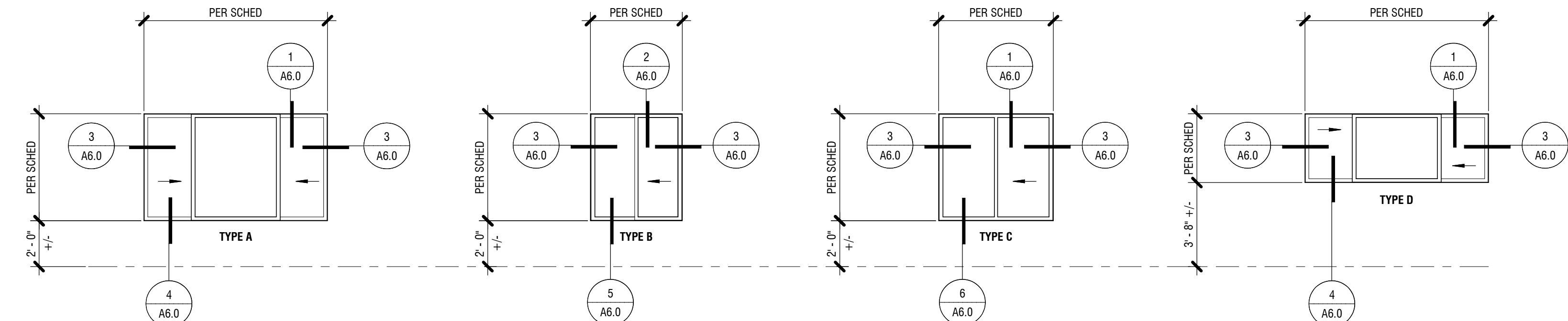
PHOTO @ (E) WINDOW SILL

REMOVE & REPLACE WINDOW, REF TO SCHED, TYP

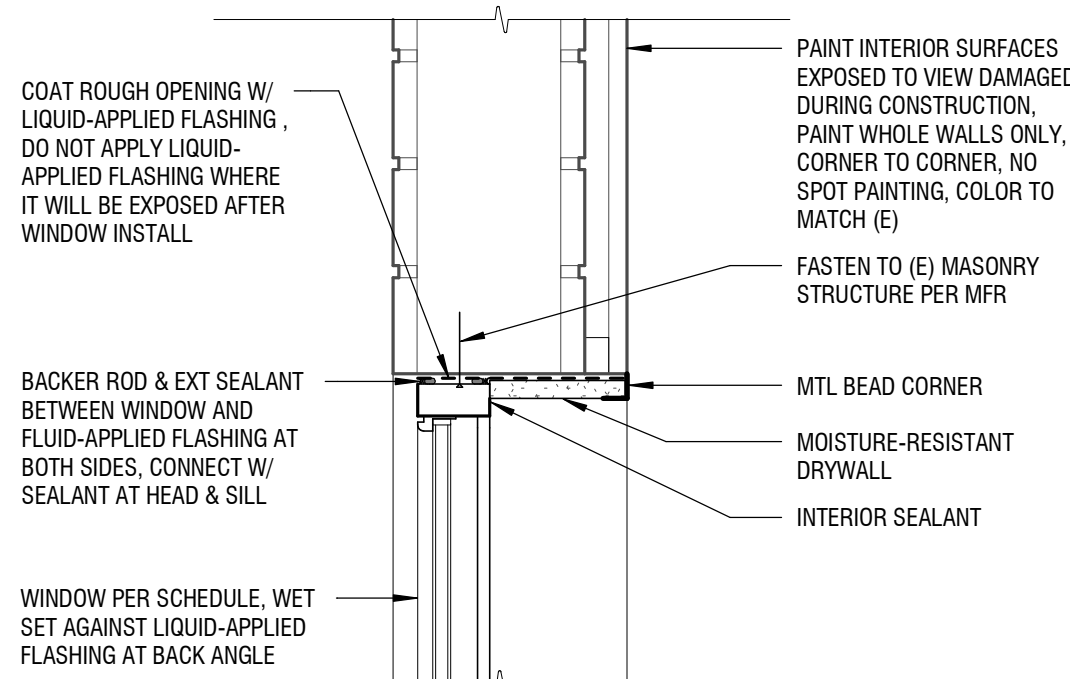
REMOVE (E) CHANNEL AND VERIFY THAT EXISTING ROUGH OPENING IS LEVEL, PLUMB, AND STRUCTURALLY SOUND

REMOVE & REPLACE ALUMINUM SILL FLASHING, MATCH (E) FINISH

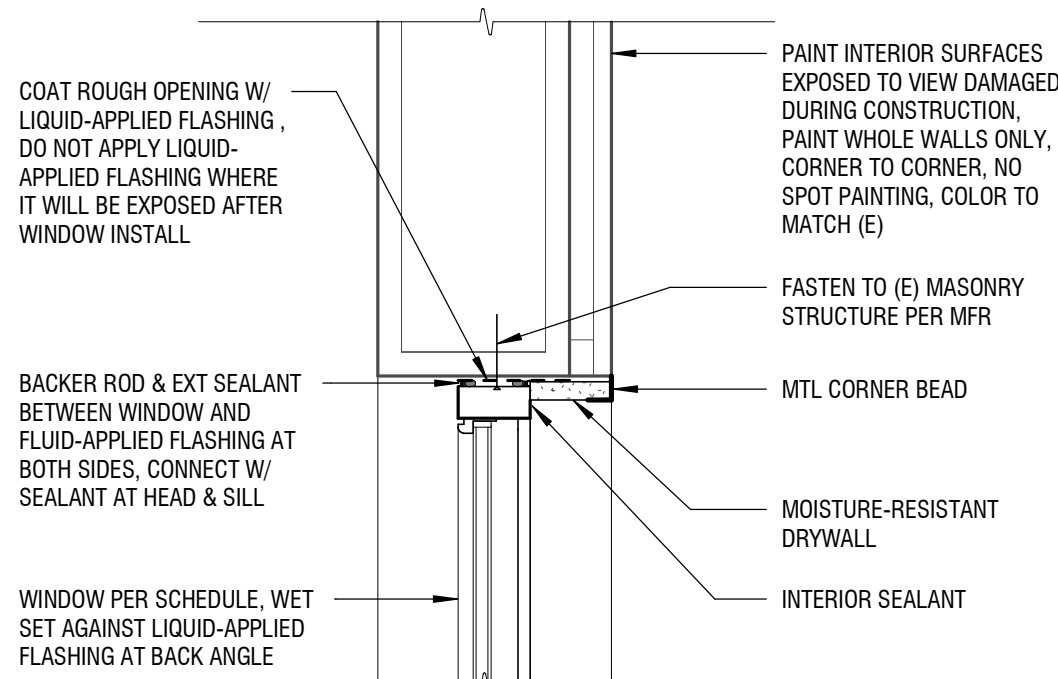
WINDOW LEGEND



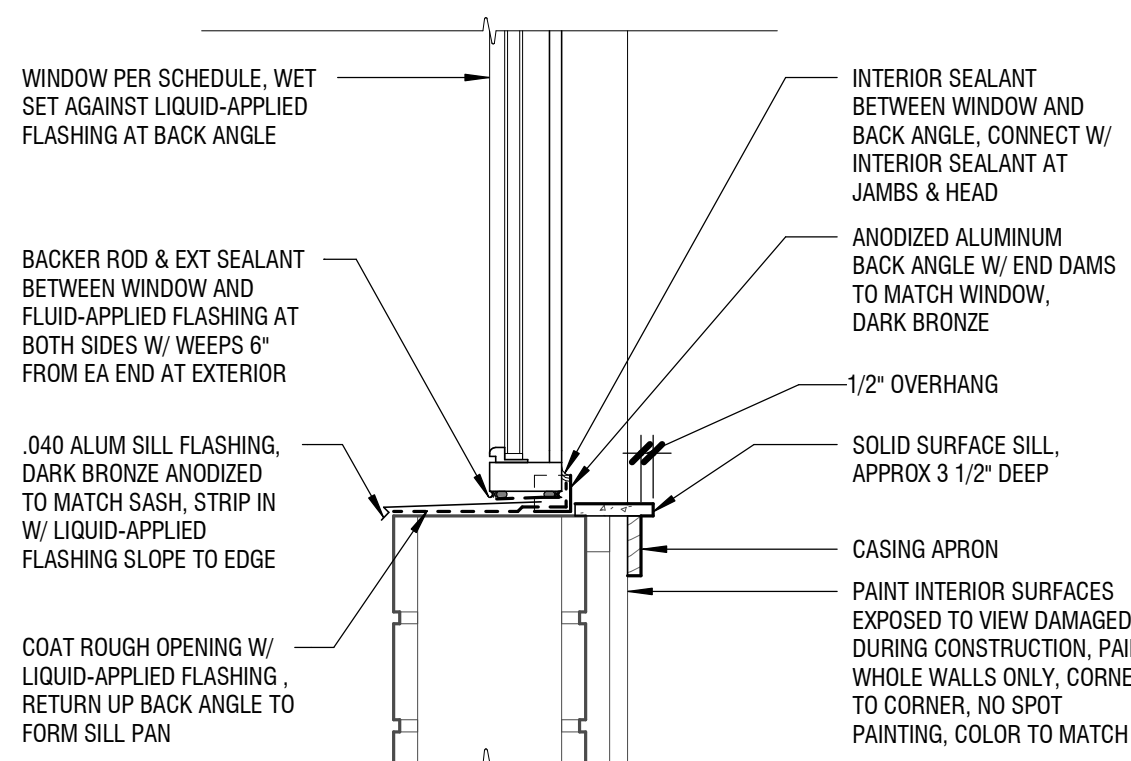
1 TYPE A, C & D WINDOW HEAD
1 1/2" = 1'-0"



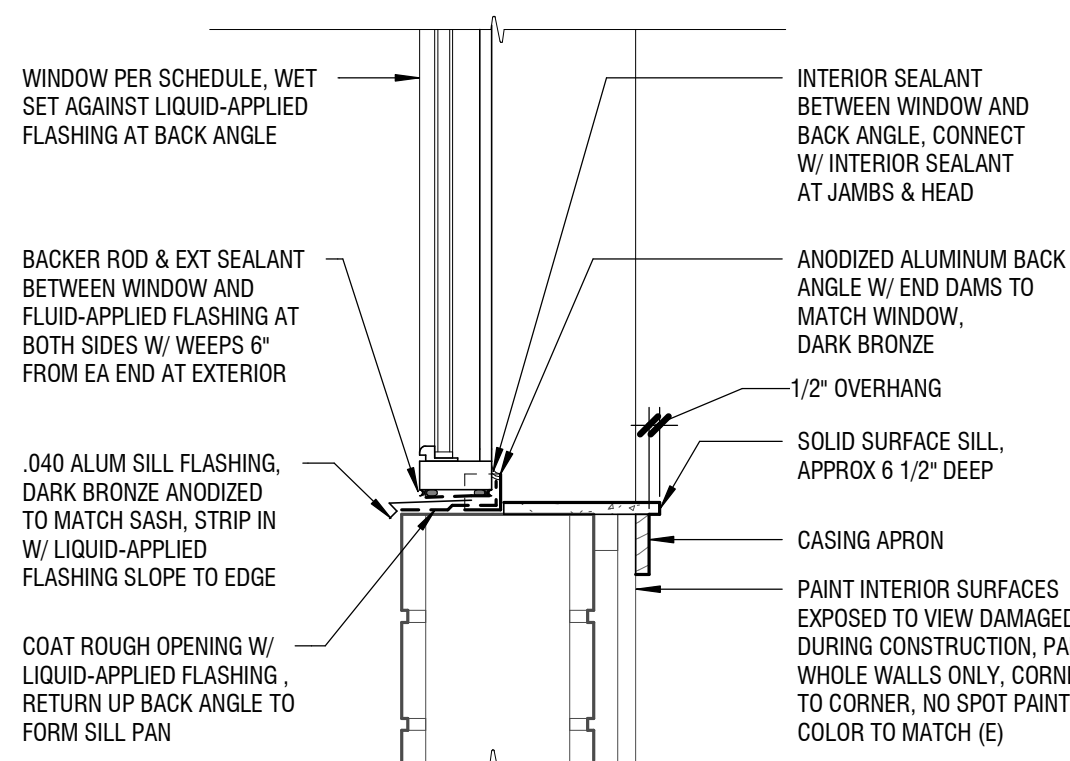
2 TYPE B WINDOW HEAD
1 1/2" = 1'-0"



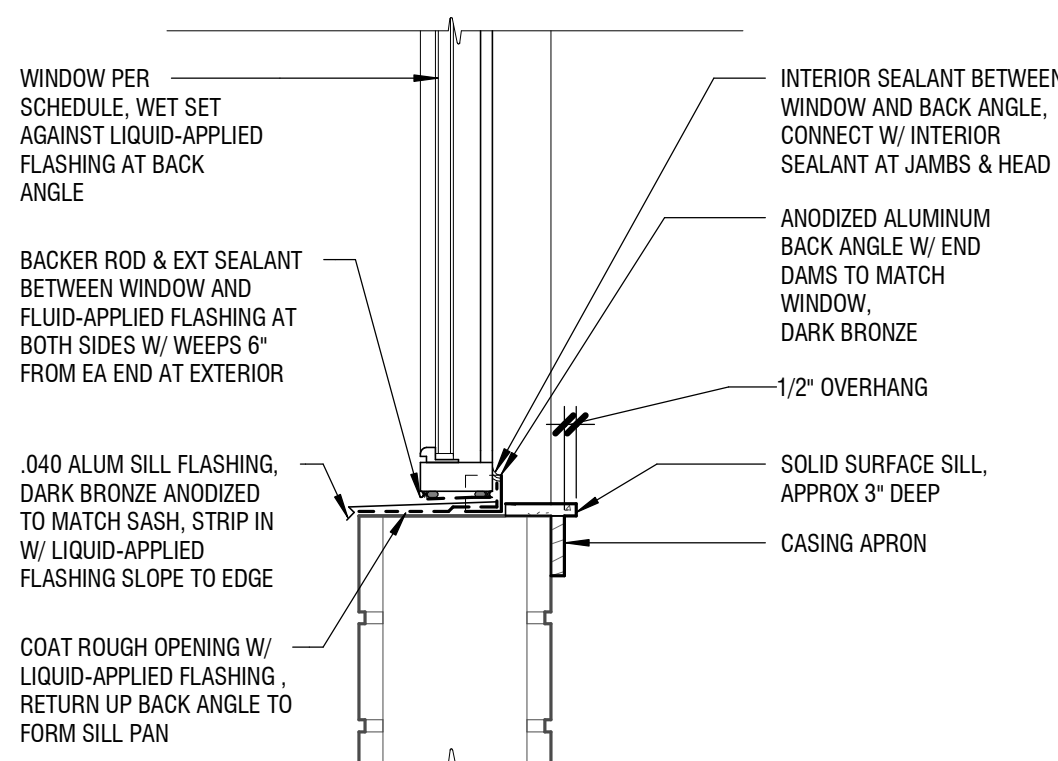
3 WINDOW JAMB
1 1/2" = 1'-0"



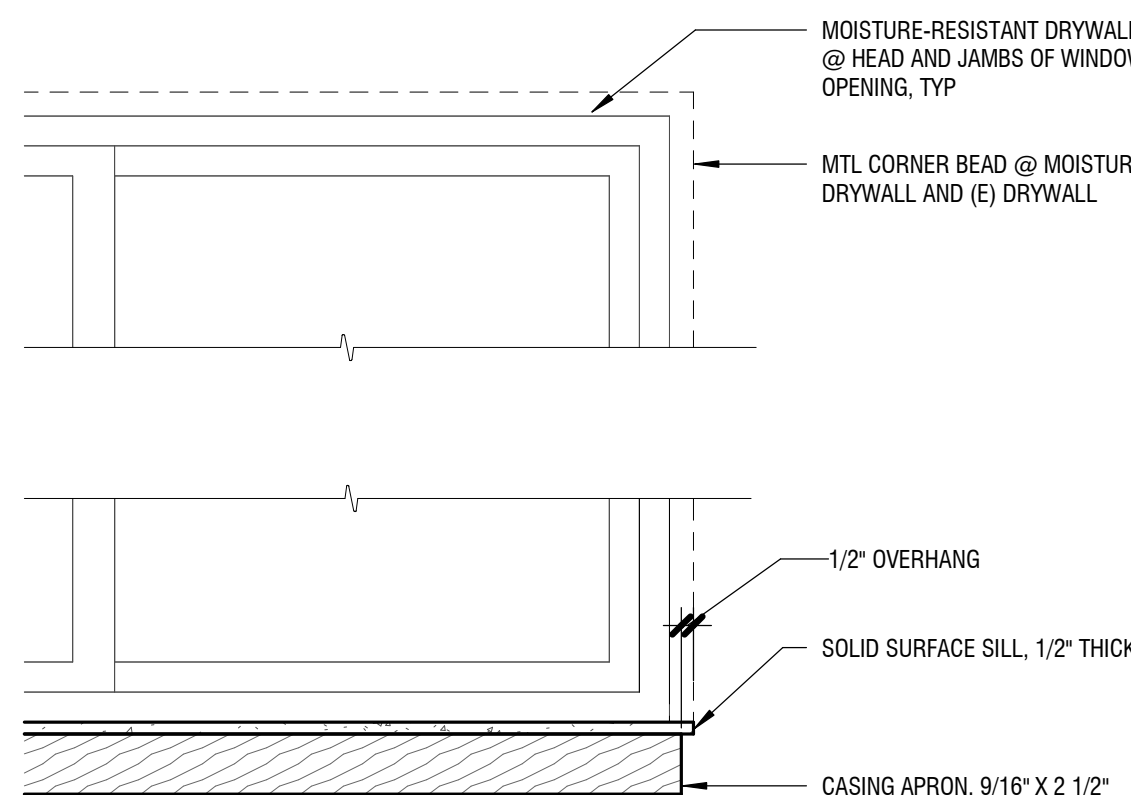
4 TYPE A & D SILL DETAIL
1 1/2" = 1'-0"



5 TYPE B SILL DETAIL
1 1/2" = 1'-0"



6 TYPE C SILL DETAIL
1 1/2" = 1'-0"



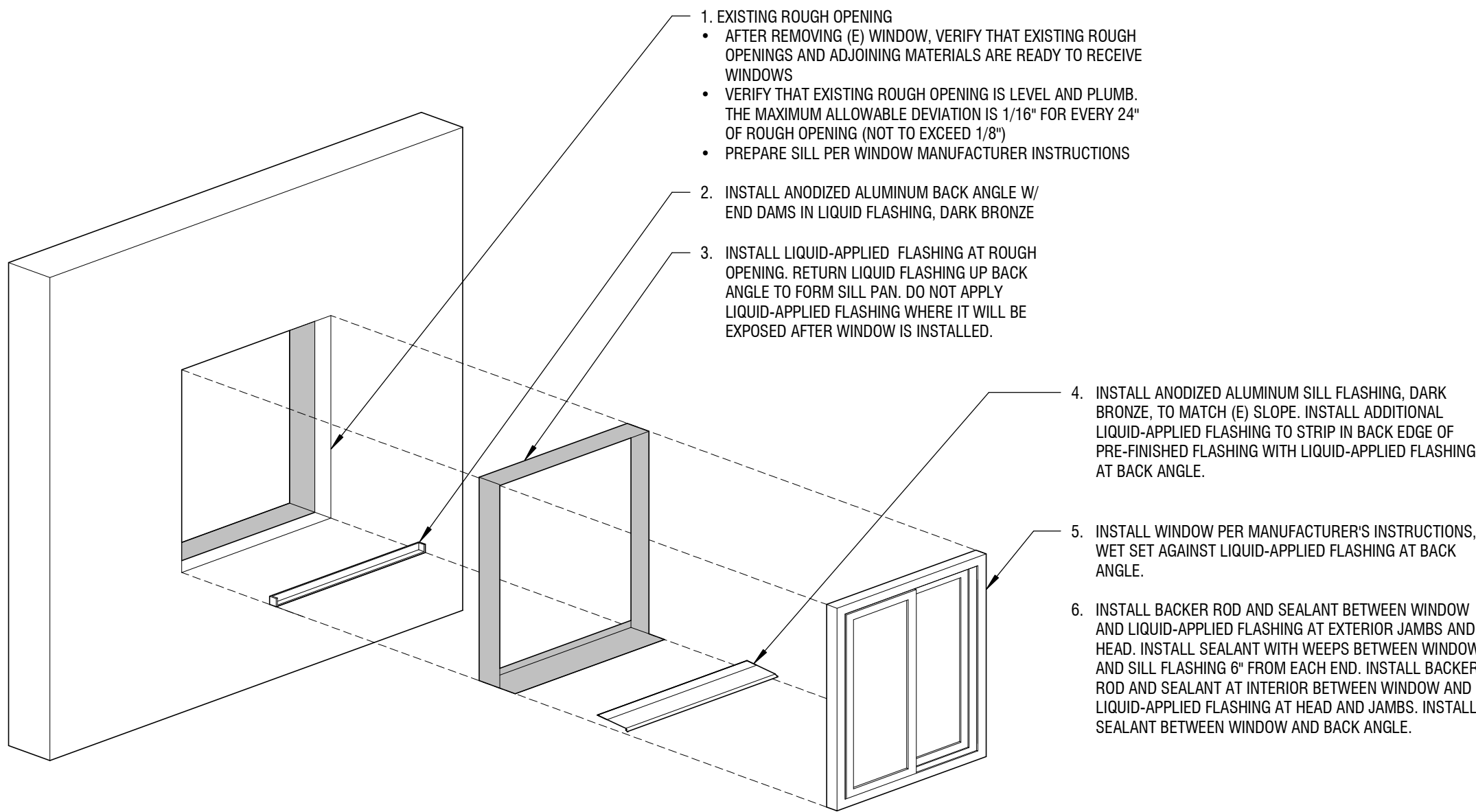
7 TYP CASING ELEVATION
1 1/2" = 1'-0"

WINDOW SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	U-VALUE (MAX)	SHGC (MAX)	STC RATING (MIN)	COMMENTS
E201	A	8'-0"	4'-8"	0.28	0.38	32	
E202	B	4'-0"	4'-8"	0.28	0.38	32	
E203	B	4'-0"	4'-8"	0.28	0.38	32	
E204	A	8'-0"	4'-8"	0.28	0.38	32	
E205	C	5'-0"	4'-6"	0.28	0.38	32	INTERIOR TILE SILL, DETAIL SIM TO S/A
E301	A	8'-0"	4'-8"	0.28	0.38	32	
E302	B	4'-0"	4'-8"	0.28	0.38	32	
E303	B	4'-0"	4'-8"	0.28	0.38	32	
E304	A	8'-0"	4'-8"	0.28	0.38	32	
E305	C	5'-0"	4'-6"	0.28	0.38	32	
N101	A	8'-0"	4'-8"	0.28	0.38	32	
N102	B	4'-0"	4'-8"	0.28	0.38	32	
N103	A	8'-0"	4'-8"	0.28	0.38	32	
N104	B	4'-0"	4'-8"	0.28	0.38	32	
N105	B	4'-0"	4'-8"	0.28	0.38	32	
N106	A	8'-0"	4'-8"	0.28	0.38	32	
N107	B	4'-0"	4'-8"	0.28	0.38	32	
N108	B	4'-0"	4'-8"	0.28	0.38	32	
N109	A	8'-0"	4'-8"	0.28	0.38	32	
N110	A	8'-0"	4'-8"	0.28	0.38	32	
N111	B	4'-0"	4'-8"	0.28	0.38	32	
N112	B	4'-0"	4'-8"	0.28	0.38	32	
N113	A	8'-0"	4'-8"	0.28	0.38	32	
N201	A	8'-0"	4'-8"	0.28	0.38	32	
N202	B	4'-0"	4'-8"	0.28	0.38	32	
N203	A	8'-0"	4'-8"	0.28	0.38	32	
N204	B	4'-0"	4'-8"	0.28	0.38	32	
N205	B	4'-0"	4'-8"	0.28	0.38	32	
N206	A	8'-0"	4'-8"	0.28	0.38	32	
N207	A	8'-0"	4'-8"	0.28	0.38	32	
N208	B	4'-0"	4'-8"	0.28	0.38	32	
N209	B	4'-0"	4'-8"	0.28	0.38	32	
N210	A	8'-0"	4'-8"	0.28	0.38	32	
N211	A	8'-0"	4'-8"	0.28	0.38	32	
N212	B	4'-0"	4'-8"	0.28	0.38	32	
N213	B	4'-0"	4'-8"	0.28	0.38	32	
N214	A	8'-0"	4'-8"	0.28	0.38	32	
N301	A	8'-0"	4'-8"	0.28	0.38	32	
N302	B	4'-0"	4'-8"	0.28	0.38	32	
N303	A	8'-0"	4'-8"	0.28	0.38	32	
N304	B	4'-0"	4'-8"	0.28	0.38	32	
N305	B	4'-0"	4'-8"	0.28	0.38	32	
N306	A	8'-0"	4'-8"	0.28	0.38	32	
N307	A	8'-0"	4'-8"	0.28	0.38	32	
N308	B	4'-0"	4'-8"	0.28	0.38	32	
N309	B	4'-0"	4'-8"	0.28	0.38	32	
N310	A	8'-0"	4'-8"	0.28	0.38	32	
N311	A	8'-0"	4'-8"	0.28	0.38	32	
N312	B	4'-0"	4'-8"	0.28	0.38	32	
N313	B	4'-0"	4'-8"	0.28	0.38	32	
N314	A	8'-0"	4'-8"	0.28	0.38	32	

WINDOW NOTES:

1. VERIFY EXISTING OPERABLE DIRECTIONS AND PROVIDE REPLACEMENT WINDOWS TO MATCH.
2. DIMENSIONS SHOW ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING OPENING DIMENSIONS AFTER OPENING MODIFICATIONS.
3. GLAZING SHALL BE LABELED AND NFRC CERTIFIED PER MFR, AND HAVE A U-VALUE, SHGC, AND STC RATING PER THE SCHEDULE.
4. ALL GLAZING WITHIN 18" OF INTERIOR FLOOR, EXTERIOR WALKING SURFACE, OR WITHIN 24" OF A DOOR IN ANY POSITION TO BE SAFETY/TEMPERED GLASS PER CODE.
5. PROVIDE CONTINUOUS AIR SEAL AT ALL WINDOWS.
6. AT OPERABLE WINDOWS, OPERABLE SASH TO MATCH EXISTING WINDOW.
7. PROVIDE WINDOW OPENING CONTROL DEVICE WHERE WINDOW SILL IS LESS THAN 36" ABOVE THE FINISHED FLOOR AND MORE THAN 72" ABOVE FINISHED GRADE AT THE BUILDING EXTERIOR.
8. SCREENS TO BE PROVIDED WITH ALL OPERABLE WINDOWS.
9. VERTICAL LOUVER BLINDS TO BE PROVIDED AT ALL WINDOWS.



8 WINDOW ASSEMBLY
1/2" = 1'-0"

WINDOW SCHEDULE

MARK	TYPE	WIDTH	HEIGHT	U-VALUE (MAX)	SHGC (MAX)	STC RATING (MIN)	COMMENTS
S101	A	8'-0"	4'-8"	0.28	0.38	32	
S102	B	4'-0"	4'-8"	0.28	0.38	32	
S103	B	4'-0"	4'-8"	0.28	0.38	32	
S104	A	8'-0"	4'-8"	0.28	0.38	32	
S105	A	8'-0"	4'-8"	0.28	0.38	32	
S106	B	4'-0"	4'-8"	0.28	0.38	32	
S107	A	8'-0"	4'-8"	0.28	0.38	32	
S108	B	4'-0"	4'-8"	0.28	0.38	32	
S201	A	8'-0"	4'-8"	0.28	0.38	32	
S202	B	4'-0"	4'-8"	0.28	0.38	32	
S203	B	4'-0"	4'-8"	0.28	0.38	32	
S204	A	8'-0"	4'-8"	0.28	0.38	32	
S205	A	8'-0"	4'-8"	0.28	0.38	32	
S206	B	4'-0"	4'-8"	0.28	0.38	32	
S207	A	8'-0"	4'-8"	0.28	0.38	32	
S208	B	4'-0"	4'-8"	0.28	0.38	32	
S209	D	8'-0"	3'-0"	0.28	0.38	32	
S210	B	4'-0"	4'-8"	0.28	0.38	32	
S211	A	8'-0"	4'-8"	0.28	0.38	32	
S301	A	8'-0"	4'-8"	0.28	0.38	32	
S302	B	4'-0"	4'-8"	0.28	0.38	32	
S303	B	4'-0"	4'-8"	0.28	0.38	32	
S304	A	8'-0"	4'-8"	0.28	0.38	32	
S305	A	8'-0"	4'-8"	0.28	0.38	32	
S306	B	4'-0"	4'-8"	0.28	0.38	32	
S307	A	8'-0"	4'-8"	0.28	0.38	32	
S308	B	4'-0"	4'-8"	0.28	0.38	32	
S309	B	4'-0"	4'-8"	0.28	0.38	32	
S310	A	8'-0"	4'-8"	0.28	0.38	32	
S311	B	4'-0"	4'-8"	0.28	0.38	32	
S312	A	8'-0"	4'-8"	0.28	0.38	32	
W101	C	5'-0"	4'-6"	0.28	0.38	32	
W102	B	4'-0"	4'-8"	0.28	0.38	32	
W103	B	4'-0"	4'-8"	0.28	0.38	32	
W201	C	5'-0"	4'-6"	0.28	0.38	32	
W202	A	8'-0"	4'-8"	0.28	0.38	32	
W203	B	4'-0"	4'-8"	0.28	0.38	32	
W204	B	4'-0"	4'-8"	0.28	0.38	32	
W205	A	8'-0"	4'-8"	0.28	0.38	32	
W301	C	5'-0"	4'-6"	0.28	0.38	32	
W302	A	8'-0"	4'-8"	0.28	0.38	32	
W303	B	4'-0"	4'-8"	0.28	0.38	32	
W304	B	4'-0"	4'-8"	0.28	0.38	32	
W305	A	8'-0"	4'-8"	0.28	0.38	32	

Thermally Improved Aluminum | A250

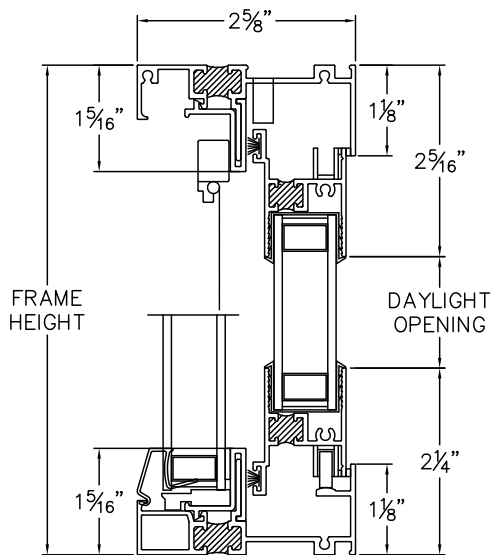
Horizontal Sliding Window

Block Frame

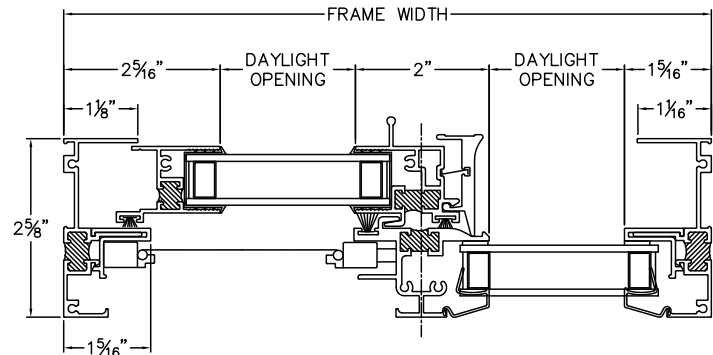
CAD File Scale	View	File Name	Units
NTS	Horizontal & Vertical	Aluminum_TIE_1120_HV_Block	Inch

More Technical Documents can be found at milgard.com/professionals
Due to continual research and development, details may be changed at any time. ©2013 Milgard Mfg.

HORIZONTAL SLIDER SERIES 1120



HEAD & SILL



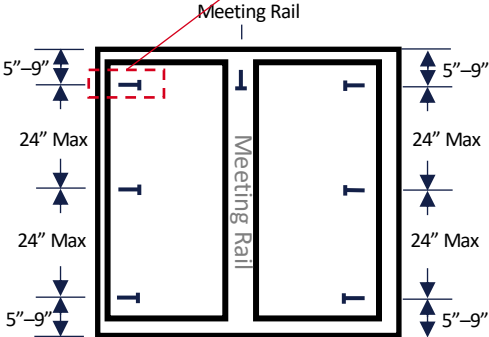
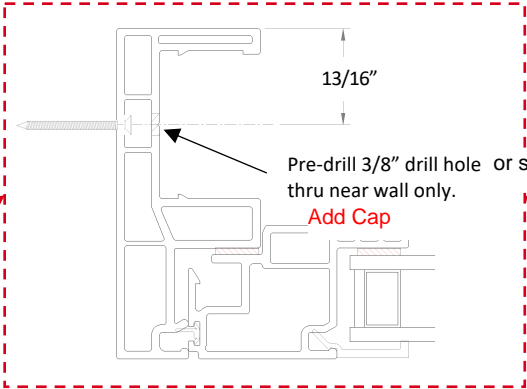
JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at
milgard.com/professionals/technical-resources

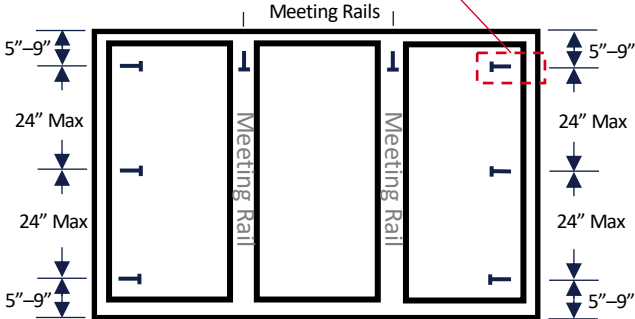
[Go back to Quick Links](#)

V300/V250 Horizontal Sliders

MILGARD.



Drive minimum QTY 7X #8-15 x 2" zinc coated flat head wood screws at designated locations flush with inner wall. Add additional fasteners as necessary to meet the spacing criteria. Use a Tapcon type screw when fastening to brick



Drive minimum QTY 8X #8-15 x 2" zinc coated flat head wood screws at designated locations flush with inner wall. Add additional fasteners as necessary to meet the spacing criteria. use a Tapcon type screw when fastening to brick