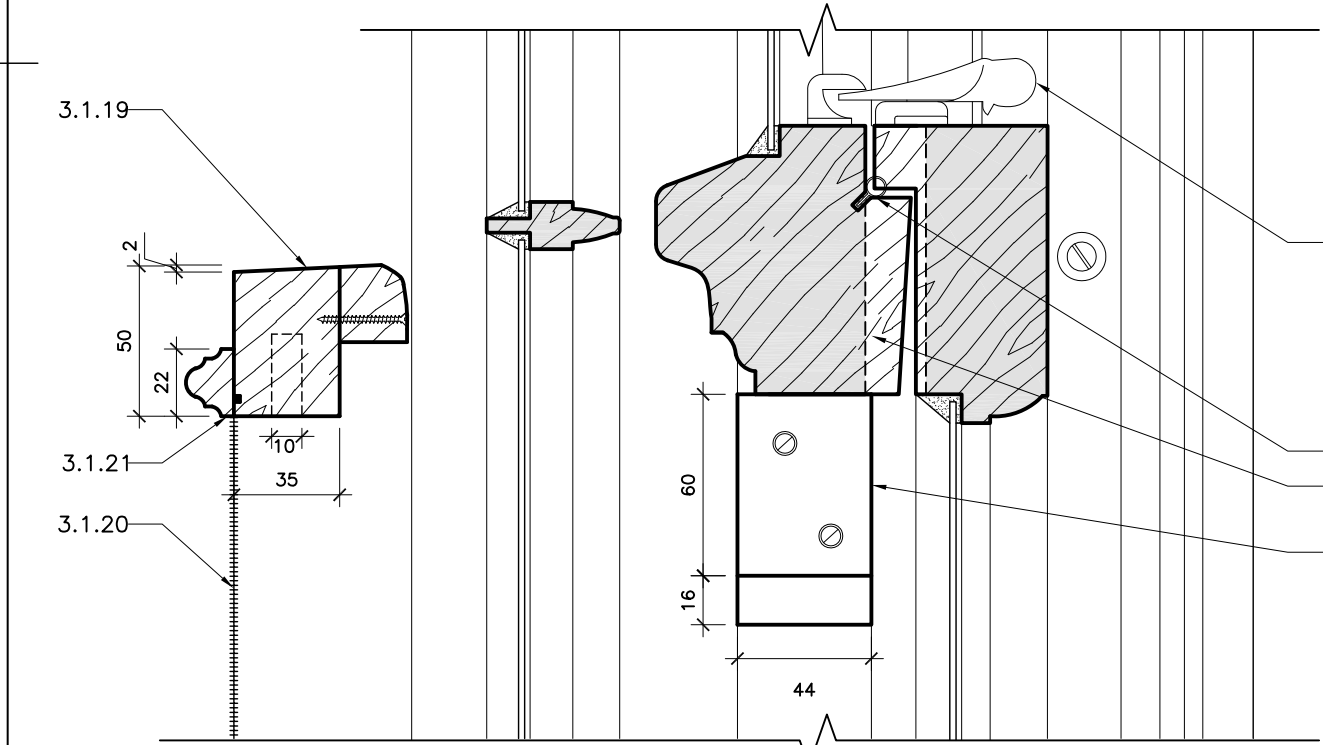
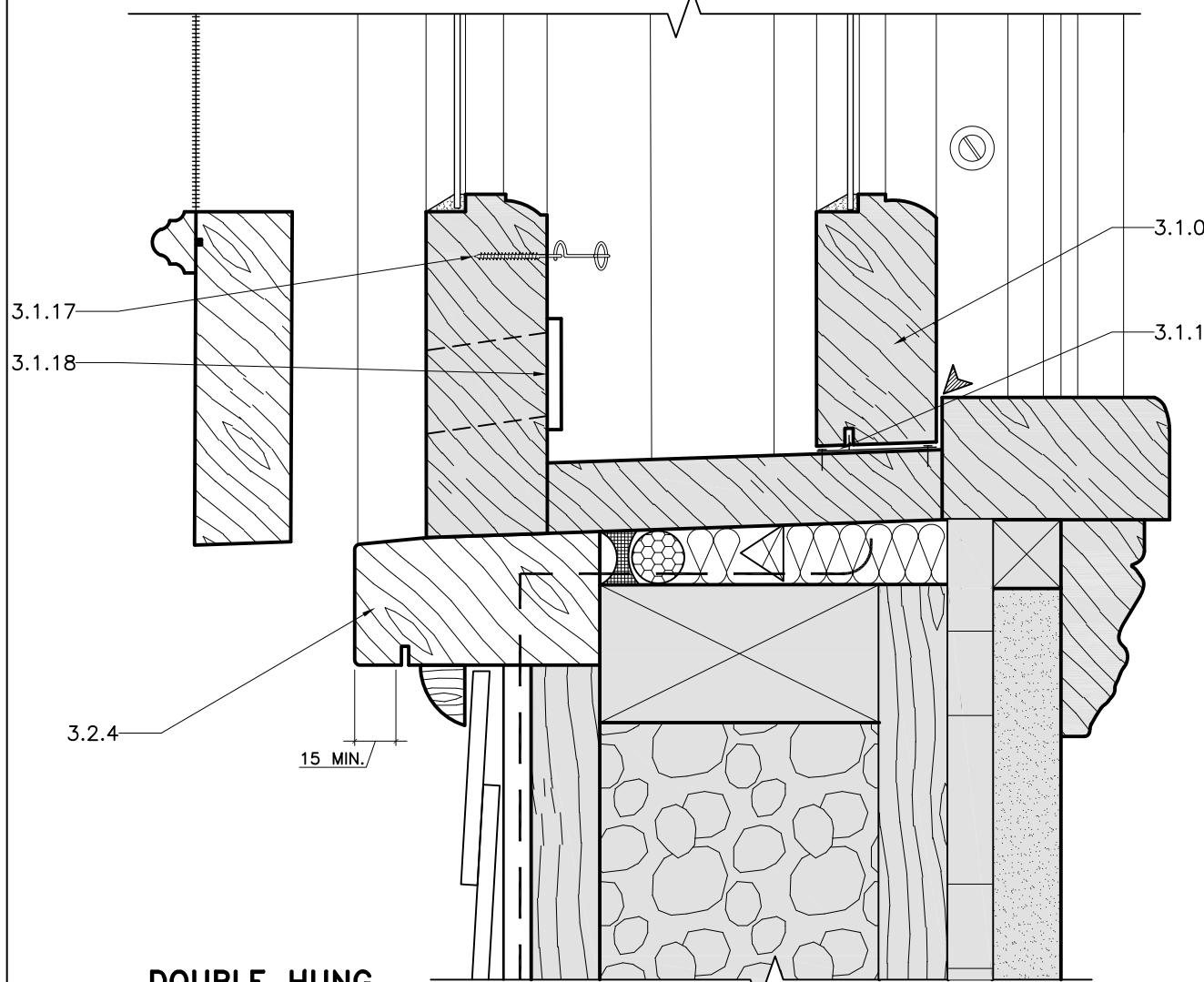


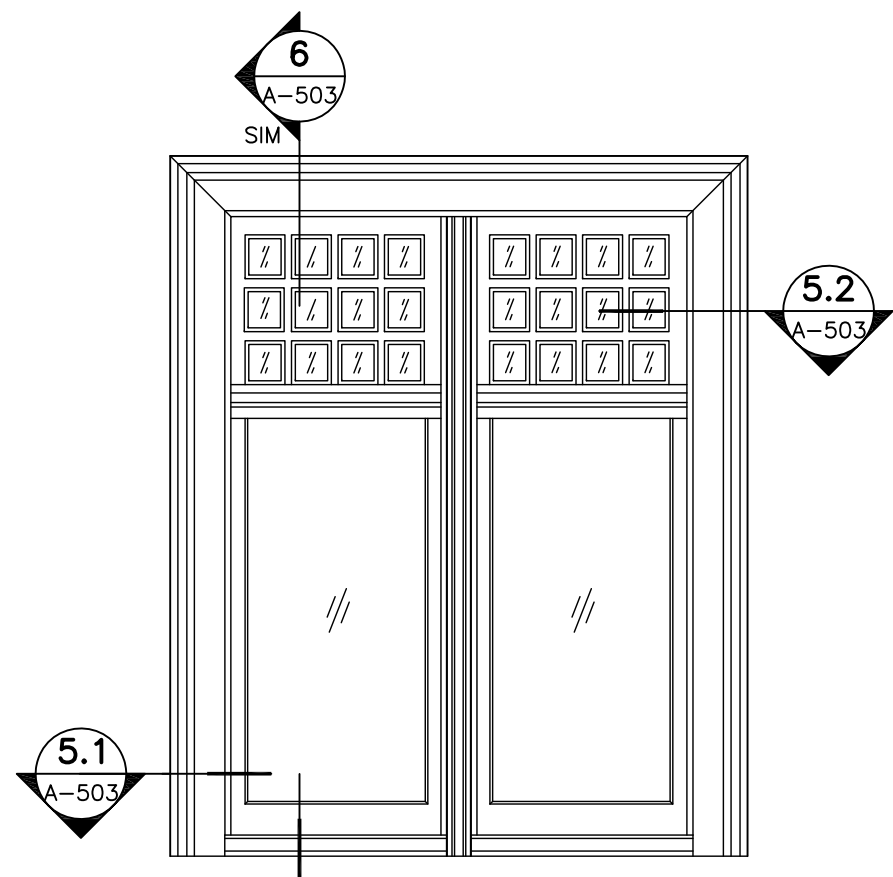
6.3 DOUBLE HUNG HEAD, TYP.  
A-503 1:2.5



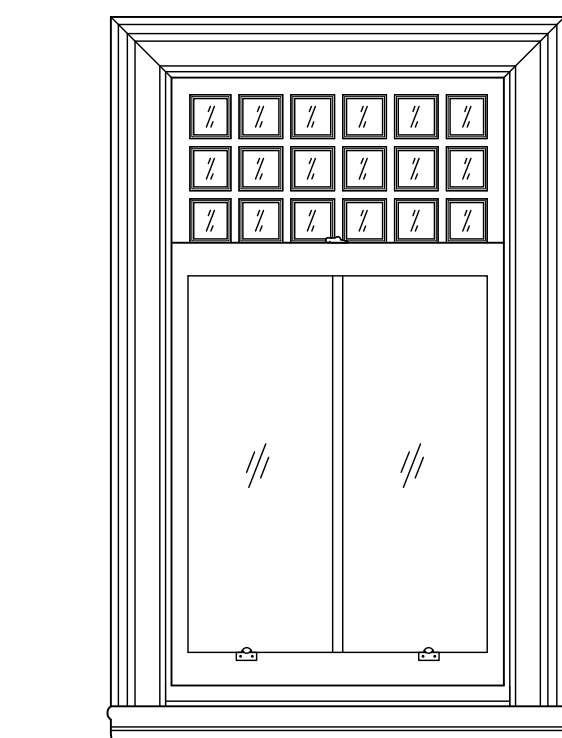
6.2 DOUBLE HUNG MEETING RAIL, TYP.  
A-503 1:2.5



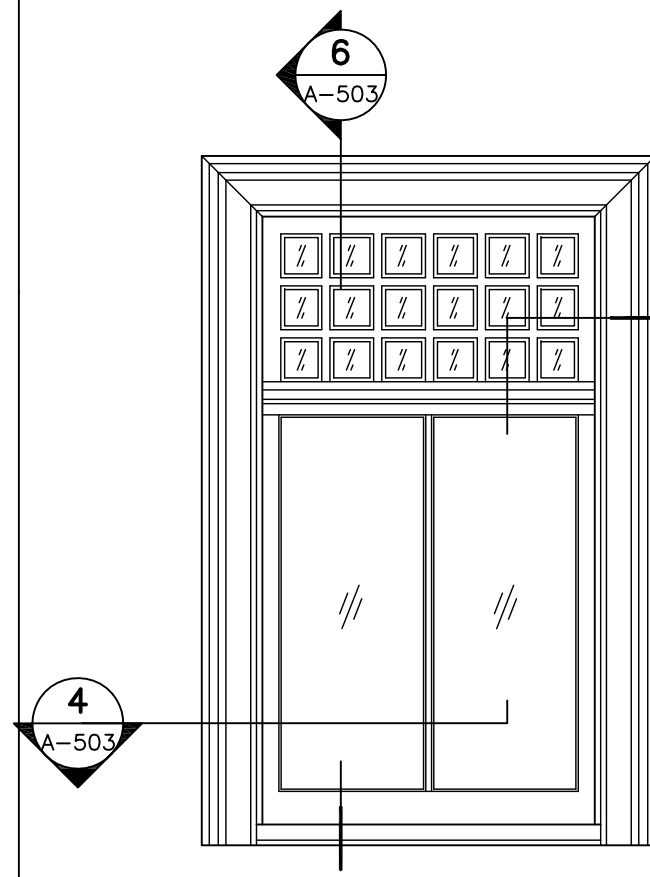
6.1 DOUBLE HUNG SILL, TYP.  
A-503 1:2.5



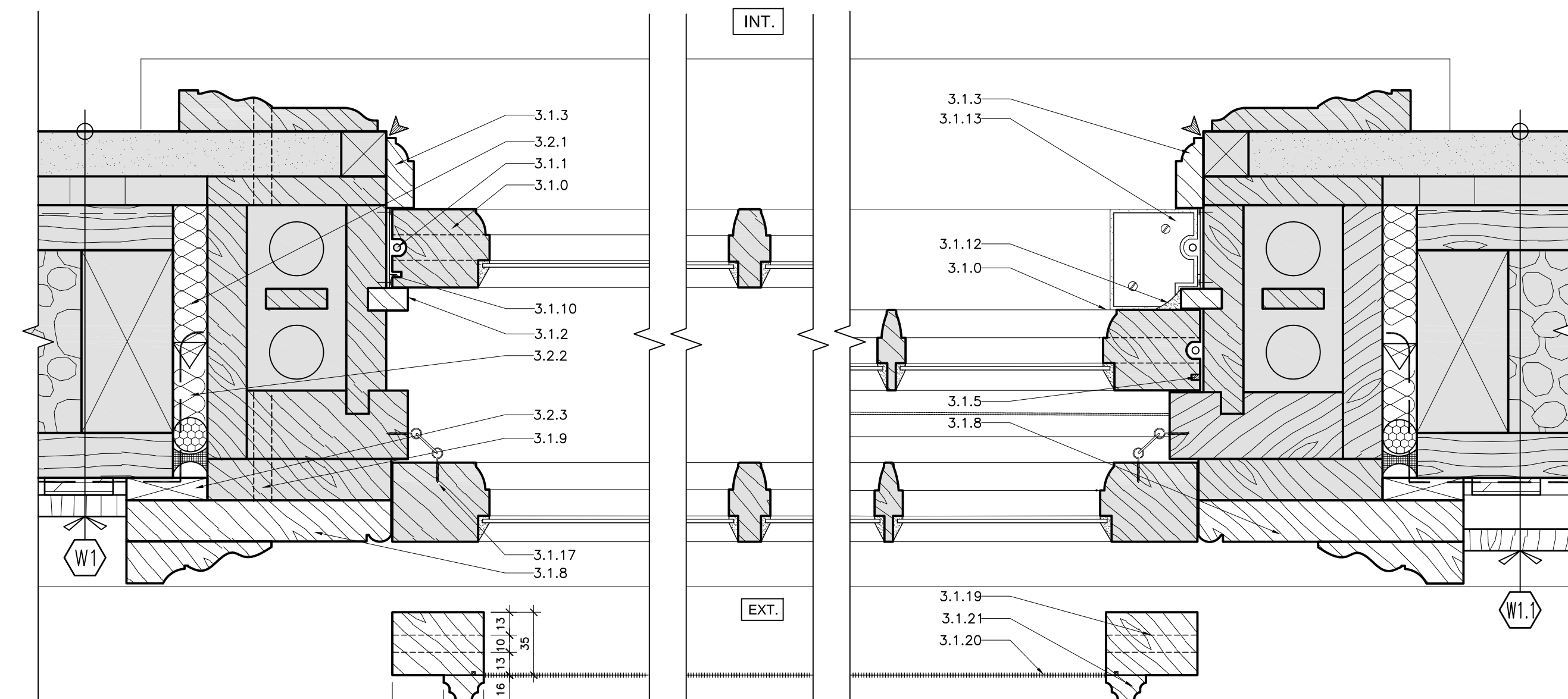
3 DOUBLE HUNG, SPRING BALANCE EXTERIOR ELEVATION, TYP.  
A-503 1:20



2 DOUBLE HUNG INTERIOR ELEVATION, TYP.  
A-503 1:20

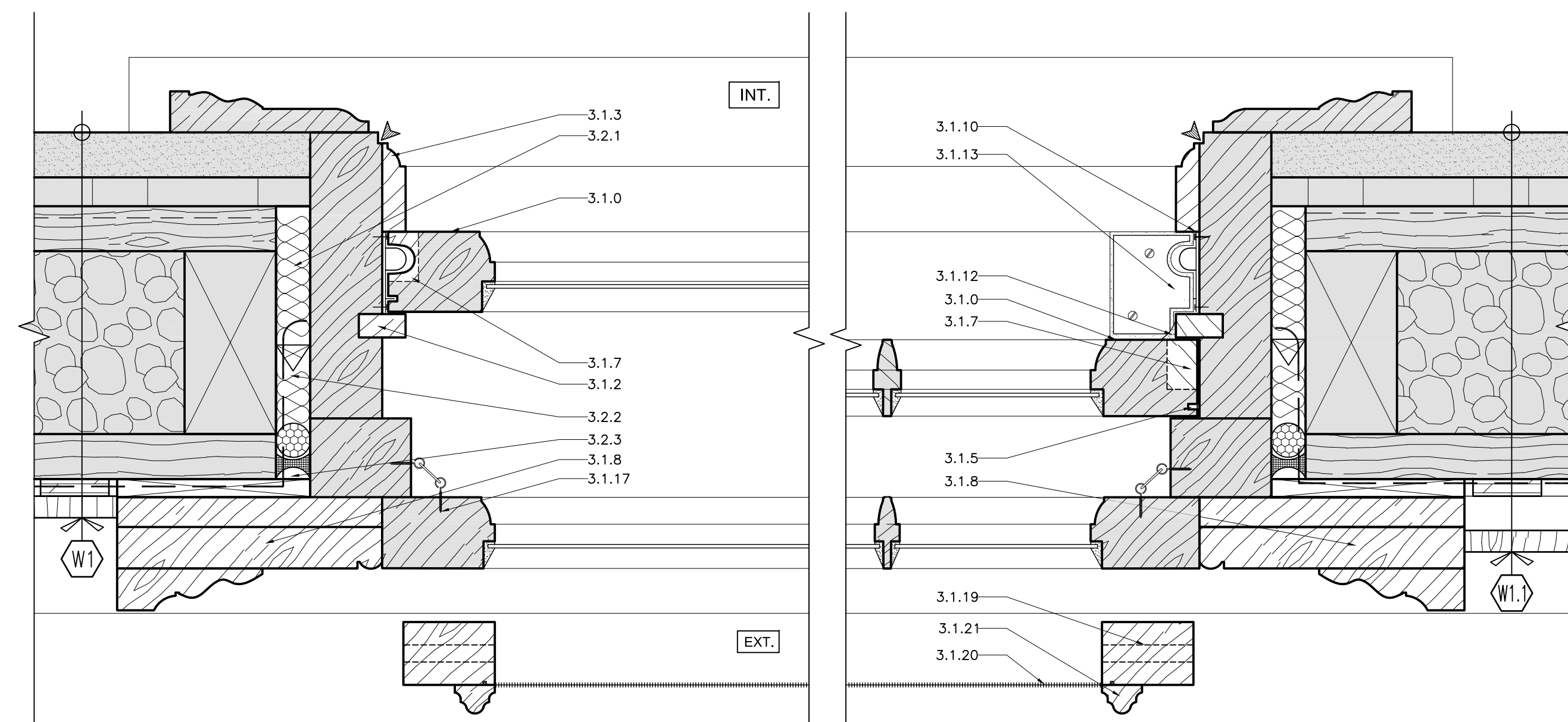


1 DOUBLE HUNG, WEIGHTED EXTERIOR ELEVATION, TYP.  
A-503 1:20



4.1 DOUBLE HUNG, WEIGHTED LOWER JAMB, TYP.  
A-503 1:2.5

4.2 DOUBLE HUNG, WEIGHTED UPPER JAMB, TYP.  
A-503 1:2.5



5.1 DOUBLE HUNG, SPRING BALANCE LOWER JAMB, TYP.  
A-503 1:2.5

5.2 DOUBLE HUNG, SPRING BALANCE UPPER JAMB, TYP.  
A-503 1:2.5

## NOTES

X.X.X — CONSTRUCTION

- 3.1.0 SALVAGE EXISTING SASHES FOR REUSE — RESTORE IN SHOP — OR REPLACE AS INDICATED.
- 3.1.1 REPLACE SASH CORDS.
- 3.1.2 REPLACE PARTING STRIP.
- 3.1.3 REPLACE INTERIOR STOPS WITH BEAD AND QUIRK, FASTEN WITH BRASS SCREWS AND GROMMETS.
- 3.1.4 INTRODUCE NEW PAINTED SASH BLOCK; FASTEN TO PULLEY STILE BELOW UPPER MEETING RAIL USING GROMMETS WITH SCREWS.
- 3.1.5 REMOVE AND DISCARD EXISTING SHEET METAL WEATHERSTRIPPING FROM THE FRAME AND SASHES; FILL RESULTANT HOLES IN FRAME AND SPLICE DUTCHMAN INSERT INTO SASH KEPS.
- 3.1.6 SALVAGE HARDWARE FOR REUSE, CLEAN, LUBRICATE AND POLISH; REPLACE AS INDICATED.
- 3.1.7 SPLICE-IN DUTCHMAN INSERT TO PARENT RAIL OR STILE ATTACH WITH ADHESIVE.
- 3.1.8 SALVAGE EXISTING CASINGS FOR REUSE — RESTORE IN SHOP — OR REPLACE AS INDICATED, ADD BLOCKING BEHIND AS REQUIRED TO SUIT APPLICATION.
- 3.1.9 SPLICE IN DUTCHMAN INSERT TO FILL RESULTANT HOLE FROM REMOVED AIR CONDITION BRACKET AS REQUIRED.
- 3.1.10 REPLACE LOWER SASH WEATHERSTRIPPING WITH COPPER INTERLOCKING TYPE.
- 3.1.11 COMPRESSIBLE BEAD WEATHERSTRIPPING; PREPARE KEPS TO SUIT.
- 3.1.12 SEAL PERIMETER OF UPPER DOUBLE-HUNG SASH NOT INCLUDING MEETING RAIL.
- 3.1.13 HEAVY PIECE OF FELT AND BRASS PLATE; PROFILE OF PLATE TO SUIT APPLICATION, FASTEN PLATE TO TOP FACE OF LOWER MEETING RAIL TO SECURE FELT; TURN FELT DOWN INTO LOWER STILE.
- 3.1.14 INTRODUCE SOLID BRASS LIMITER.
- 3.1.15 REPLACE EXISTING HARDWARE WITH CREMONE, FILL RESULTANT HOLES IN FRAME AND SASHES, PREPARE KEPS TO SUIT.
- 3.1.16 REMOVE AND RESET STOOL AND WATER BAR, REPLACE AS REQUIRED TO ENDURE TIGHT FIT.
- 3.1.17 RESTORE OR REPLACE STORM SASHES AS INDICATED, FASTEN WITH STORM HANGERS AND HOOKS & EYES, OR BUTTONS AS INDICATED.
- 3.1.18 REPLACE VENT BLOCKER AND ASSOCIATED HARDWARE AND FASTENERS.
- 3.1.19 RESTORE OR REPLACE SCREEN SASHES AS INDICATED, PROFILED ELEMENT AT MEETING RAIL TO SUIT.
- 3.1.20 REPLACE INSECT SCREEN WITH BLACK ALUMINUM USING TENSION ROPE AROUND PERIMETER.
- 3.1.21 REPLACE SCREEN MOULDINGS, PROFILE TO MATCH EXISTING.
- 3.1.22 V TYPE COPPER WEATHERSTRIPPING AT HEAD AND SWEEP TYPE WEATHERSTRIPPING AT SILL.
- 3.1.23 INTRODUCE METAL SECURITY BAR.
- 3.1.24 SEAMLESS SHIM SEAL AT HEAD AND JAMBS.
- 3.1.25 RESTORED AWNING WINDOW SASH WITH HOOKS AND EYES TO HOLD OPEN TO UNDERSIDE OF FRAMING.
- 3.1.26 REPLACE EXISTING CASING AS REQUIRED TO SUIT NEW OPENING, REPAIR PLASTER AS REQUIRED TO MAKE GOOD SURFACE PRIOR TO INSTALLATION OF RESTORED OR NEW CASING.

- 3.2.1 FILL GAP WITH INSULATION; REMOVE EXTERIOR CASINGS TO ACCESS.
- 3.2.2 WEDGE AIR BARRIER TO SECURE.
- 3.2.3 SEALANT WITH BACKER ROD.
- 3.2.4 REPLACE BAND COURSE, SELECT DEPTH TO ENSURE MINIMUM DRIP.
- 3.2.5 METAL FLASHINGS AT OPENING.

TYP. TYPICAL

## LEGEND

W	WALL		PLYWOOD
R	ROOF		PLASTER/MORTAR
C	CEILING		CONCRETE
#x	EXISTING COMPOSITION		BRICK
#	PROPOSED COMPOSITION		STONE MASONRY
∞	BLANKET INSULATION		LIMIT OF INTERIOR PAINTING
	RIGID INSULATION		WINDOW SCREEN
	CELLULOSE INSULATION		
	SPRAYED INSULATION		
	WOOD		
---	EXISTING TO REMAIN		
---	AIR BARRIER		
---	MEMBRANE		
---	INSECT/BIRD SCREEN		

Public Works and Government Services Canada

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DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA

AGRICULTURE ET AGROALIMENTAIRE CANADA

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NORD GRAPHIQUE

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Contractor to verify all dimensions & conditions on site and immediately notify the department representative of all discrepancies.

ONTARIO ASSOCIATION OF ARCHITECTS

1000

503

1	ISSUED FOR TENDER	2016/03/29
revisions	description	date
A	A detail no.	A
C	B location drawing no.	B
	sur dessin no.	C
	C drawing no.	
	dessin no.	

project

project

BUILDING ENVELOPE CONSERVATION

BUILDING #54, CENTRAL EXPERIMENTAL FARM, MAPLE AVENUE, OTTAWA, ONTARIO

drawing

dessin

DOUBLE HUNG WINDOW DETAILS

Designed By

E.B. / J.D.

Conçu par

2015/12/23

(yyyy/mm/dd)

Date

2015/12/23

(yyyy/mm/dd)

Drawn By

D.M./P.L.

Dessiné par

2015/12/23

(yyyy/mm/dd)

Date

2016/02/12

(yyyy/mm/dd)

Reviewed By

E.B.

Examiné par

2016/03/05

(yyyy/mm/dd)

Date

J.D. / J.G.

Approuvé par

2016/03/05

(yyyy/mm/dd)

Date

LAUREN GRUSZECKI

Soumission

Tender

Administrateur de projets

Project Manager

No. du projet

Project no.

R.076826.001

Drawing no.

No. du dessin

A-503