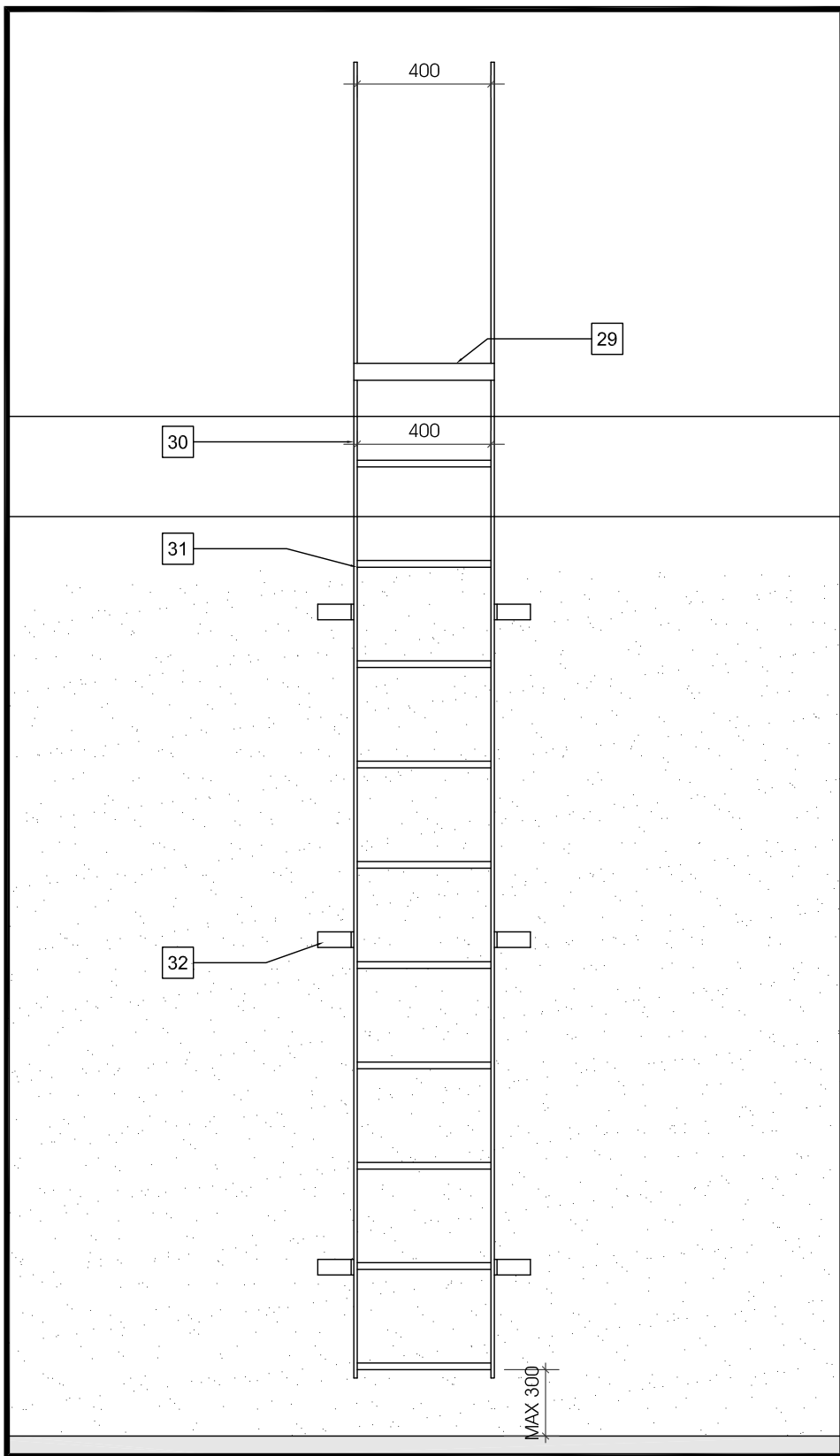
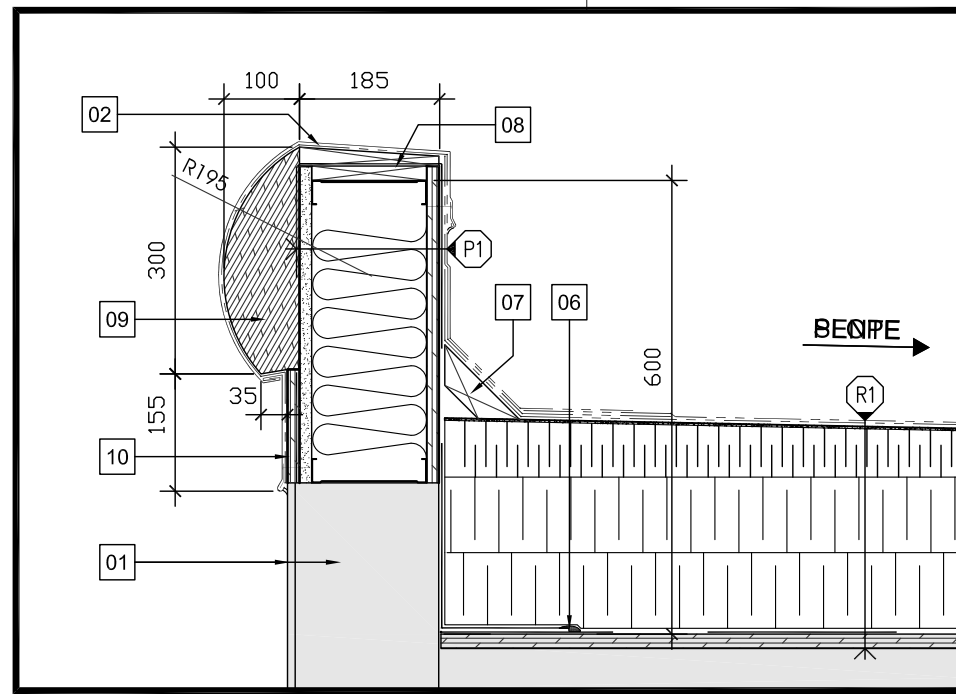


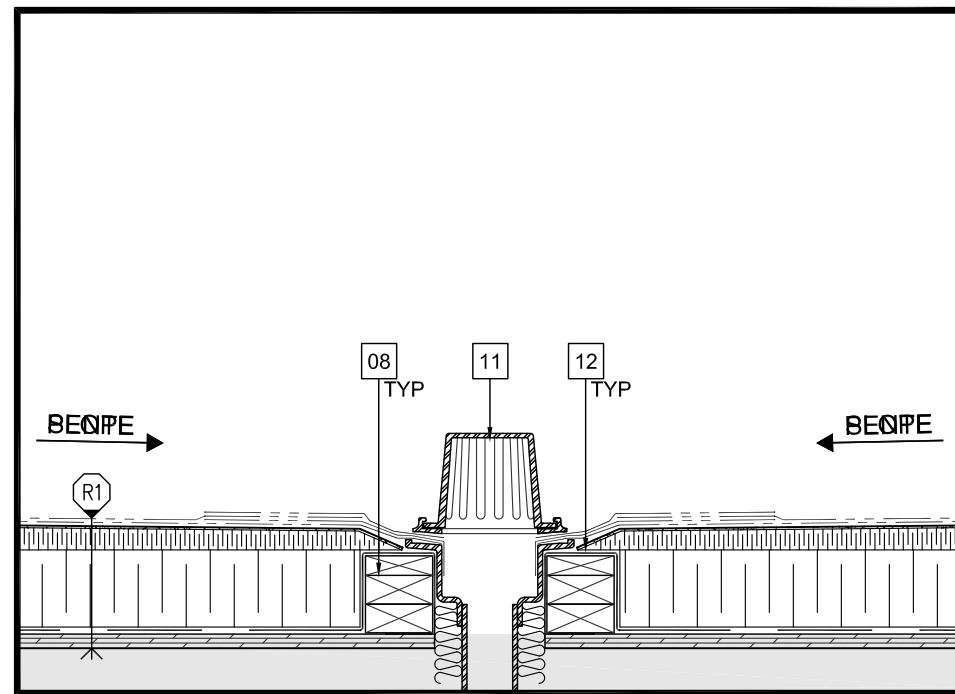
12 ROOF LADDER SECTION DETAIL
A610 1:20



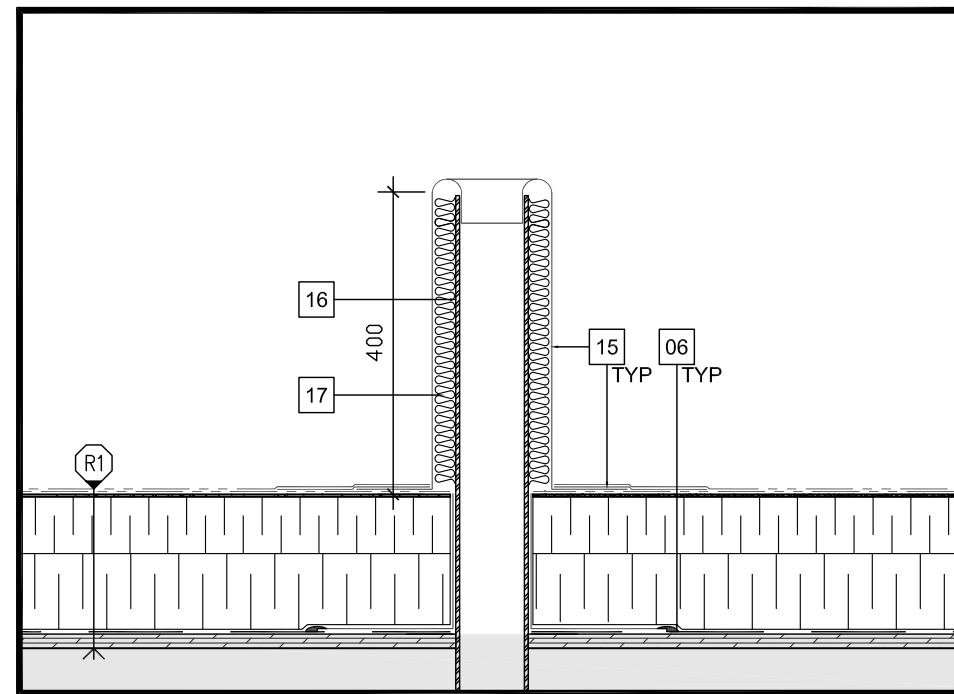
11 ROOF LADDER ELEVATION
A610 1:20



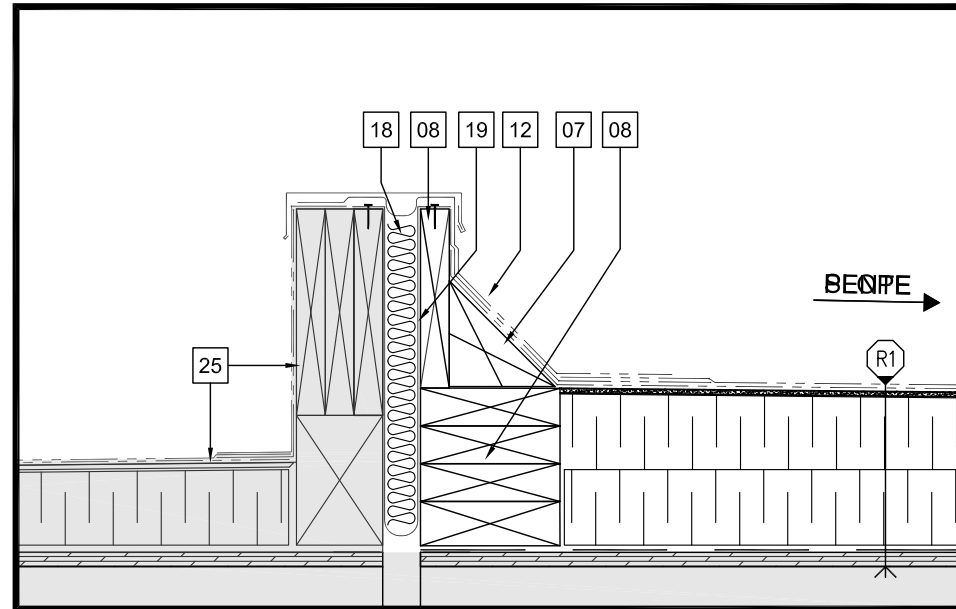
1 TYP. PARAPET DETAIL
A610 1:10



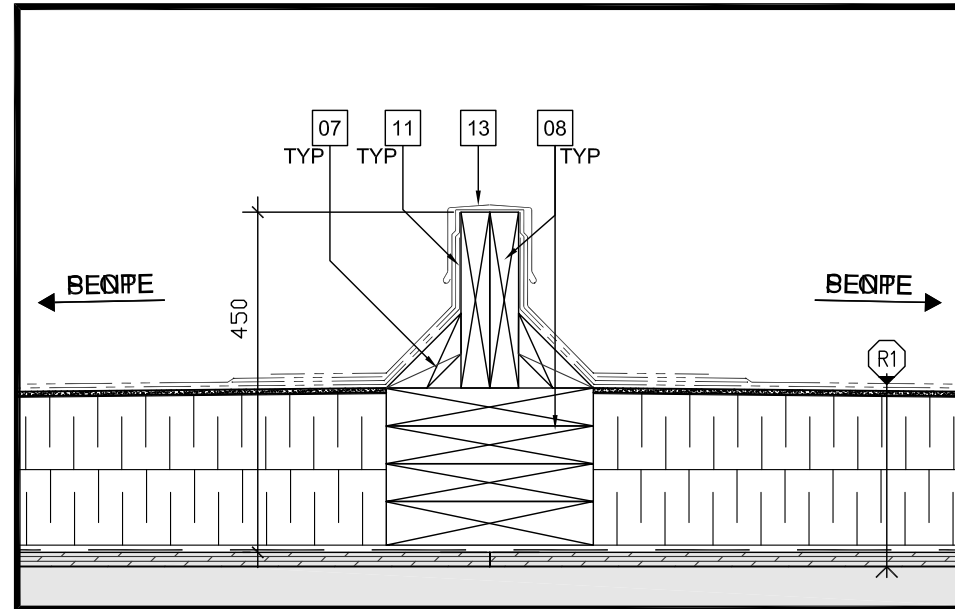
2 TYP. ROOF DRAIN DETAIL
A610 1:10



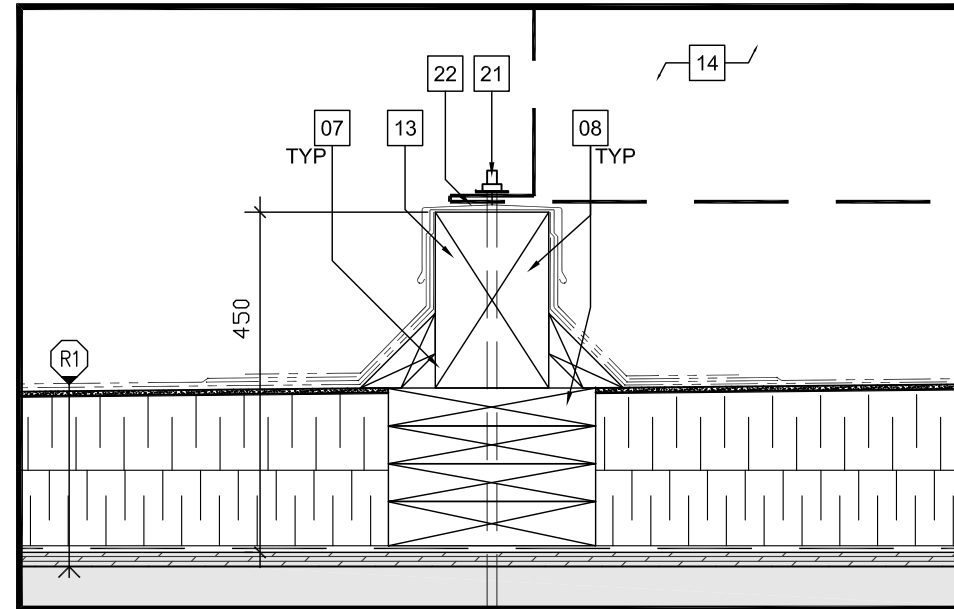
3 TYP. PIPE VENT DETAIL
A610 1:10



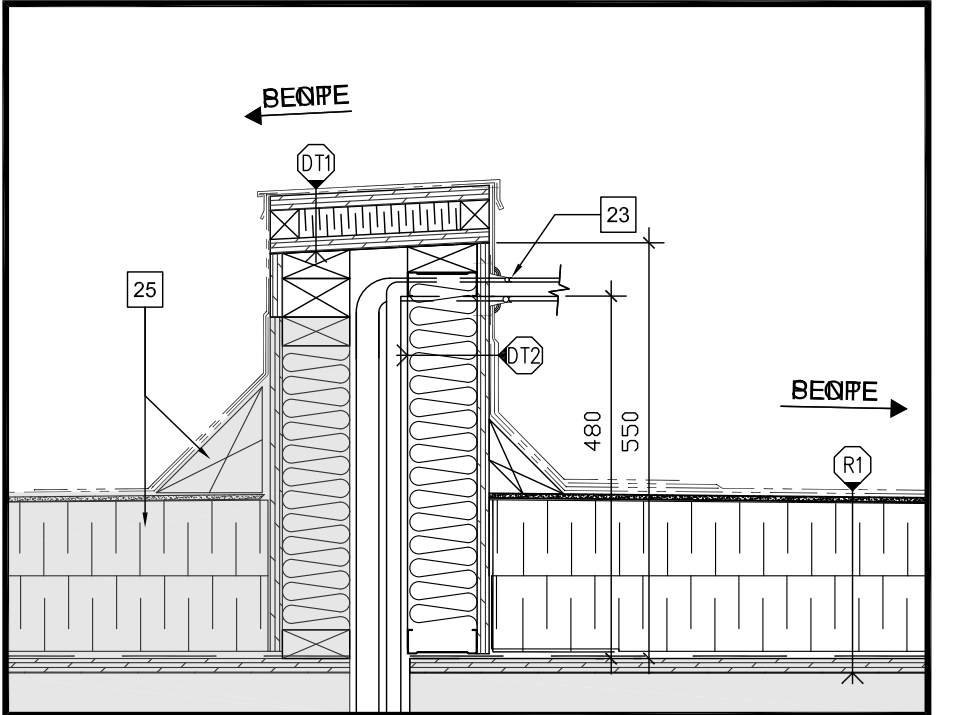
4 TYP. ROOF CURB DETAIL
A610 1:10



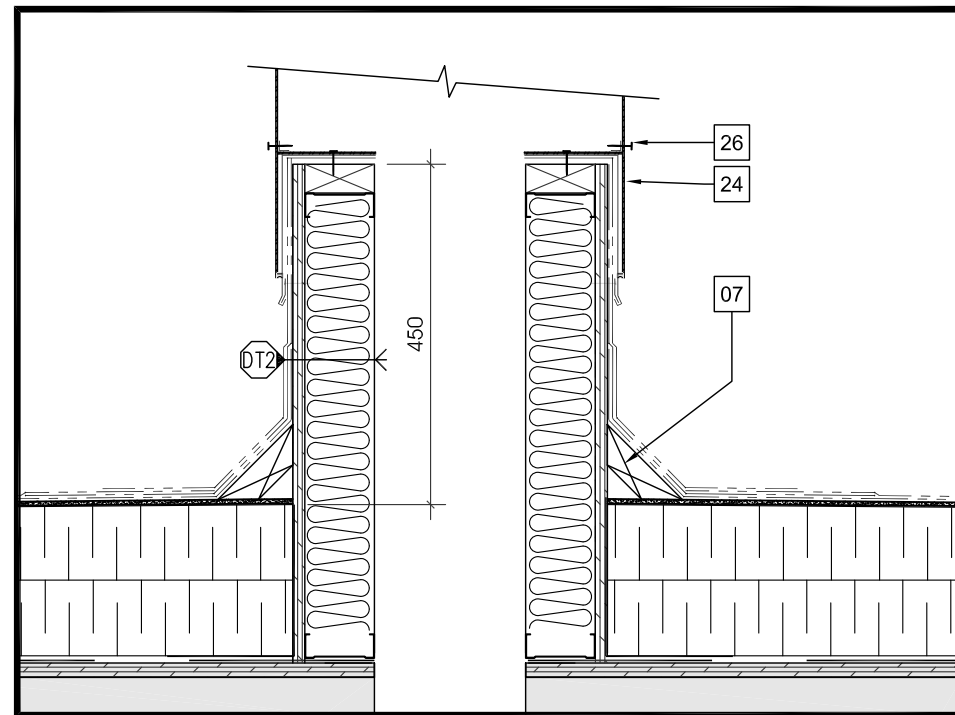
5 TYP. ROOF CURB DETAIL
A610 1:10



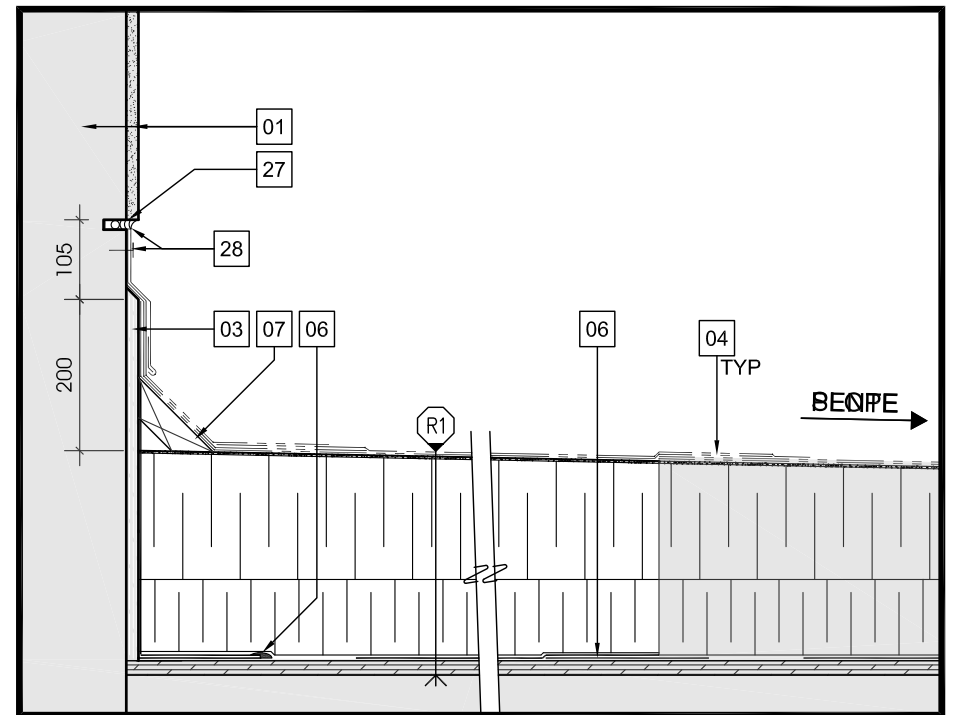
6 TYP. SLEEPER DETAIL
A610 1:10



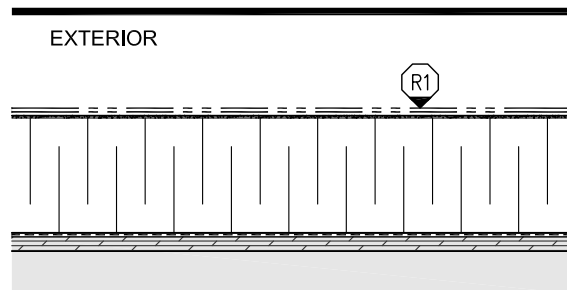
7 TYP. INSULATED PIPE ENCLOSURE
A610 1:10



8 TYP. GOOSENECK DETAIL
A610 1:10



9 TYP. REGLET DETAIL @ STUCCO
A610 1:20



ROOF ASSEMBLY - R1

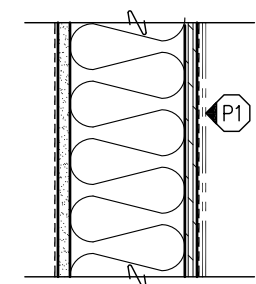
ASSEMBLY DESCRIPTION:
MOD. BIT. CAP SHEET
MOD. BIT. BASE SHEET ROOFING MEMBRANE
13mm PROTECTION BOARD
RIGID INSULATION (R1-01) SLOPED AS INDICATED ON A210
100mm RIGID INSULATION (R1-01)
VAPOUR RETARDER
EXISTING WOOD DECKING, TO REMAIN
EXISTING STRUCTURE, TO REMAIN

GENERAL NOTES:
• BASE SHEET FLASHING 200mm MINIMUM PAST TOE OF CANT STRIP.
• CAP SHEET FLASHING 150mm MINIMUM PAST TOE OF CANT STRIP
• BASE SHEET, 100mm ABOVE TOP OF CANT STRIP.

INTERIOR

EXTERIOR

EXTERIOR



PARAPET ASSEMBLY - P1

ASSEMBLY DESCRIPTION:
MOD. BIT. CAP SHEET
MOD. BIT. BASE SHEET ROOFING MEMBRANE
AIR BARRIER MEMBRANE (AB-01)
16mm EXTERIOR GRADE PLYWOOD
152mm METAL STUDS @ 400 O/C
152mm BATT INSULATION (BI-01)
16mm EXTERIOR SHEATHING
AIR BARRIER MEMBRANE (AB-01)

DETAIL ASSEMBLY - DT2

ASSEMBLY DESCRIPTION:
MODIFIED BITUMINOUS CAP SHEET
MOD. BIT. BASE SHEET ROOFING MEMBRANE 100mm ABOVE TOP OF CANT STRIP.
16mm EXTERIOR GRADE PLYWOOD
92mm METAL STUDS @ 400 O/C
89mm BATT INSULATION (BI-01)
VAPOUR BARRIER MEMBRANE

DETAIL ASSEMBLY - DT1

ASSEMBLY DESCRIPTION:
REFINISHED METAL FLASHING
2 LAYERS MOD. BIT. CAP SHEET
16mm EXTERIOR GRADE PLYWOOD
38X38mm PRESSURE TREATED WOOD BLOCKING
38mm RIGID INSULATION
16mm EXTERIOR GRADE PLYWOOD

DRAWING NOTES

- EXISTING MASONRY WALL WITH WHITE STUCCO, TO REMAIN.
- EXTEND ROOFING MEMBRANE OVER PARAPET AND PROVIDE PRE-FINISHED COUNTER FLASHING, CLIPPED AND SEALED.
- 16mm EXTERIOR GRADE PLYWOOD.
- OVERLAP CAP SHEET 200MM PAST EXISTING ROOF TRANSITION, OVERLAP BASE SHEET, 150MM PAST EXISTING ROOF TRANSITION, RESERVED.
- EXTEND SELF ADHESIVE VAPOUR BARRIER MEMBRANE OVER ROOF DECKING AND SEAL TO VAPOUR BARRIER; MIN 150mm OVERLAP.
- 140mm FIBER CANT.
- PROVIDE PRESSURE TREATED DIMENSIONAL WOOD BLOCKING MECHANICALLY FASTENED.
- PROVIDE CURVED PROFILE WOOD BLOCKING, MECHANICALLY FASTENED TO PARAPET.
- 16mm PRESSURE TREATED PLYWOOD.
- PROVIDE ROOF DRAIN, OVERLAP AND SEAL ROOF MEMBRANES, REFER TO MECHANICAL. PATCH AND MAKE GOOD AT CEILING BELOW AFTER ROOF DRAIN INSTALLATION, REINSTATE EXISTING CEILING.
- LAP AND SEAL VAPOUR BARRIER MEMBRANE AROUND WOOD BLOCKING.
- INSTALL CAP SHEET OVER CURB, OVERLAP 200mm PAST BASE OF CANT STRIP. PROVIDE METAL CAP FLASHING CLIPPED AND SEALED CONTINUOUSLY.
- ROOFTOP UNIT, MECHANICALLY FASTENED TO SLEEPER. REFER TO MECHANICAL AND WORK BY OTHER.
- PROVIDE PREFINISHED METAL FLASHING COLLAR, EMBED DECK FLANGE IN A LAYER OF PLASTIC CEMENT. OVERLAP AND SEAL ROOF MEMBRANES.
- VENT PIPE, REFER TO MECHANICAL.
- INFILL WITH BATT INSULATION.
- INFILL EXPANSION JOINT WITH BATT INSULATION.
- INSULATION RETAINER, MECHANICALLY FASTENED.
- RESERVED.
- BOLT WOOD SLEEPER TO 'I' FRAMING BELOW.
- PROVIDE CONTINUOUS NEOPRENE GASKET.
- EXISTING PIPE, REFER TO MECHANICAL.
- PROVIDE CLIP ANGLE FOR FASTENING CAP FLASHING TO EXISTING ROOF, N.I.C. CONTRACTOR TO VERIFY CONDITIONS ON SITE.
- PROVIDE NEW GOOSENECK, REFER TO MECHANICAL.
- CUT 38 mm DEEP REGLET INTO EXISTING STUCCO AND MASONRY EXTERIOR WALL.
- PROVIDE COUNTER FLASHING INSET 30mm DEEP IN REGLET C/W CAULKING AND BACKER ROD. MECHANICALLY FASTEN FLASHING C/W NEOPRENE GASKET TO WALL AT 600 MM O.C. EQUALLY SPACED BETWEEN SEAMS.
- PROVIDE STEEL LANDING AT TOP OF LADDER TO PROTECT PARAPET.
- PROVIDE 20mmØ RUNGS SPACED 300mm O.C. FROM TOP OF PLATFORM.
- PROVIDE 10X65mm STEEL SIDE RAILS.
- PROVIDE STEEL L-ANGLE BRACKET WELDED TO SIDE RAIL AND MECHANICALLY FASTENED TO STRUCTURE.

DRAWING LEGEND

--- INDICATES SCOPE OF WORK

(T2E-T) ROOM MARKER
TECHNICAL ROOM ROOM NUMBER ROOM NAME

DETAIL REFERENCE
1 DETAIL NO.
A100 DETAIL DRAWING

SECTION REFERENCE
1 DETAIL NO.
A100 DETAIL DRAWING

[A] NOTE MARKER

EXISTING WALL TO REMAIN, NO DEMOLITION TO EXISTING WALL COMPOSITION REQUIRED. CONTRACTOR TO REPAIR ANY DAMAGE DONE TO EXISTING WALL DURING DEMOLITION.

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

revisions	description	date
4	ISSUED FOR TENDER	14/09/12
3	ISSUED FOR 100% CLIENT REVIEW	14/06/27
2	ISSUED FOR 99% REVIEW	14/05/02
1	ISSUED FOR 66% REVIEW	14/03/31

A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project project

ROOF REPLACEMENT BUILDING M23 NRC CAMPUS

1200 MONTREAL ROAD, OTTAWA, ONTARIO

drawing dessin

ROOFING DETAILS

Designed By	D. TESSIER	Conçu par	
Date	2014/09/12	(yyyy/mm/dd)	
Drawn By	D. TESSIER / L. BERGA	Dessiné par	
Date	2014/09/12	(yyyy/mm/dd)	
Reviewed By	D. RANCIER	Examiné par	
Date	2014/09/12	(yyyy/mm/dd)	
Approved By	D. RANCIER	Approuvé par	
Date	2014/09/12	(yyyy/mm/dd)	
Tender	TENDER PETER LIN	Soumission	
Project Manager	Administrateur de projets		
Project no.	No. du projet		
	R.065220.174		
Drawing no.	No. du dessin		
	A610		