



GEORGE BROWN COLLEGE CASA LOMA CAMPUS

ROOF REPAIR AND REPLACEMENT

160 KENDAL AVE., TORONTO, ON

LIST OF DRAWINGS

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R501	DETAILS (ROOF C, REPAIR AREA 1)
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No.	Issue Description	YYYY-MM-DD
0	ISSUED FOR CLIENT REVIEW	2024-11-14
1	ISSUED FOR TENDER	2024-12-13

Project Title:

GEORGE BROWN COLLEGE CASA LOMA CAMPUS ROOF REPAIR AND REPLACEMENT

160 KENDAL AVE., TORONTO, ON

Designed By:	D.W.	Scale:	AS NOTED
Drawn By:	S.R.	Date:	2024-10-17
Drawing Title			

Drawing Litle

TITLE PAGE

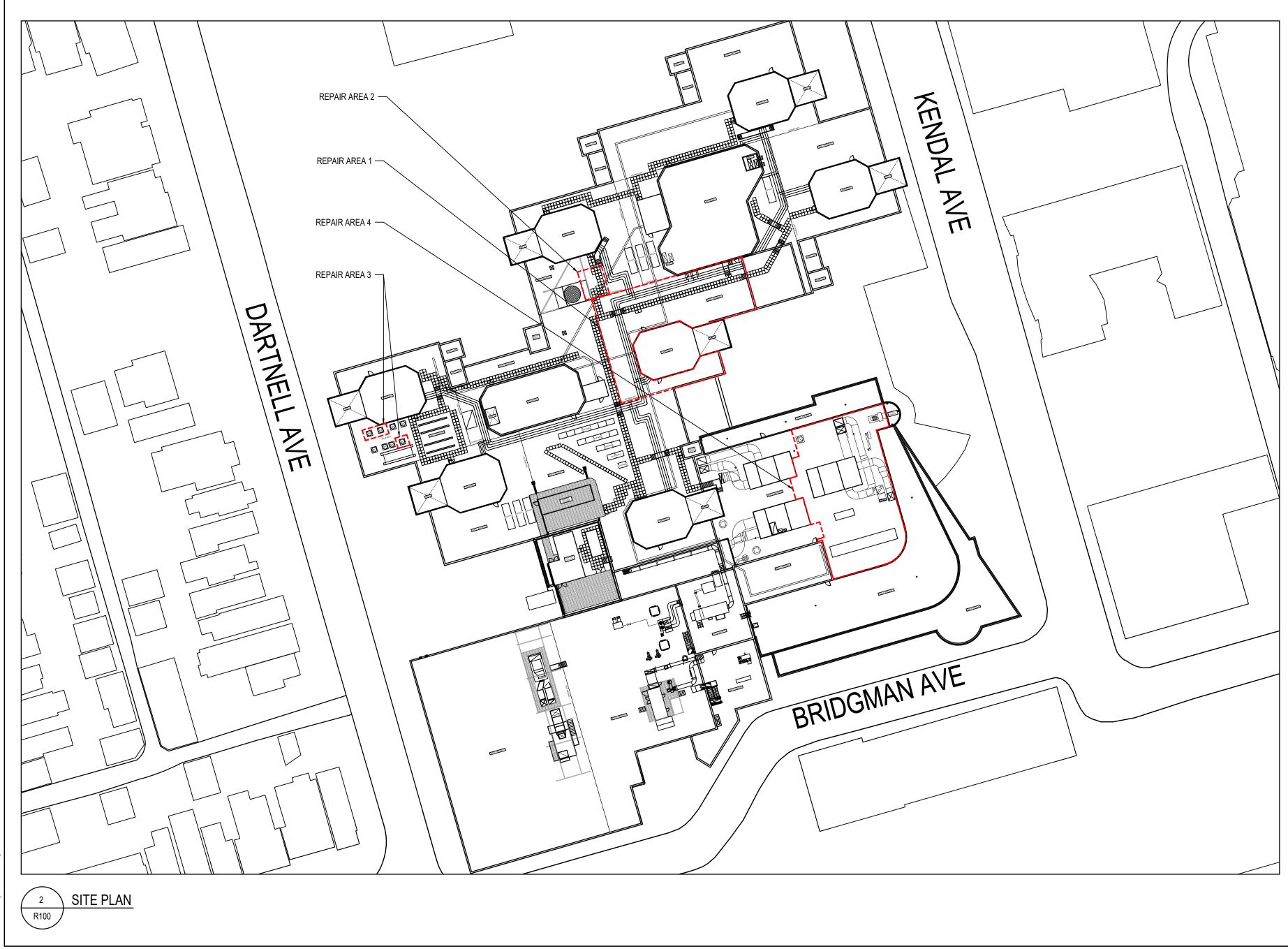




R100

ROOF COMPOSI	TION			
REPAIR AREA	AREA (SQ. FT) * CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO BIDDING	EXISTING ASSEMBLY	NEW ASSEMBLY	ALTERNATE NEW ASSEMBLY
1	4,900	 EXISTING MODIFIED BITUMEN CAP SHEET (TORCH APPLIED) EXISTING MODIFIED BITUMEN BASE SHEET (TORCH APPLIED) EXISTING VENTED BASE SHEET (MECHANICALLY FASTENED) EXISTING LIGHTWEIGHT INSULATING CONCRETE MADE UP OF 2" CONCRETE ON 2" TAPERED EPS INSULATION (2% SLOPE) EXISTING RUBBERIZED ASPHALT FLOOD COAT EXISTING 2-PLY BUILT-UP ASPHALT VAPOUR BARRIER EXISTING CONCRETE DECK 	 NEW MODIFIED BITUMEN CAP SHEET (COLD APPLIED) NEW MODIFIED BITUMEN BASE SHEET (COLD APPLIED) NEW 1/2" FIBREBOARD COVER BOARD (ADHERED) NEW TAPERED POLYISOCYANURATE INSULATION (ADHERED, 1% SLOPE) NEW 2" POLYISOCYANURATE INSULATION (ADHERED) NEW SELF-ADHERED VAPOUR RETARDER EXISTING CONCRETE DECK 	 NEW MODIFIED BITUMEN CAP SHEET (COLD APPLIED) NEW MODIFIED BITUMEN BASE SHEET (COLD APPLIED) NEW VENTED BASE SHEET (MECHANICALLY FASTENED) NEW TAPERED LIGHTWEIGHT INSULATING CONCRETE (1% SLOPE) NEW SELF-ADHERED VAPOUR REATRDER EXISTING CONCRETE DECK
2	300	 EXISTING MODIFIED BITUMEN CAP SHEET (TORCH APPLIED) EXISTING MODIFIED BITUMEN BASE SHEET (TORCH APPLIED) EXISTING VENTED BASE SHEET (MECHANICALLY FASTENED) EXISTING LIGHTWEIGHT INSULATING CONCRETE MADE UP OF 2" CONCRETE ON 2" TAPERED EPS INSULATION (2% SLOPE) EXISTING RUBBERIZED ASPHALT FLOOD COAT EXISTING 2-PLY BUILT-UP ASPHALT VAPOUR BARRIER EXISTING CONCRETE DECK 	 NEW MODIFIED BITUMEN CAP SHEET (COLD APPLIED) NEW MODIFIED BITUMEN BASE SHEET (COLD APPLIED) NEW VENTED BASE SHEET (MECHANICALLY FASTENED) NEW LIGHTWEIGHT INSULATING CONCRETE SLOPED TO MATCH EXISTING ROOF SLOPE NEW COLD-APPLIED WATERPROOFING (LOCALIZED AS REQUIRED) EXISTING RUBBERIZED ASPHALT EXISTING 2-PLY BUILT-UP ASPHALT VAPOUR BARRIER EXISTING CONCRETE DECK 	N/A
4	6,100	 EXISTING FLOOD COAT AND PEA GRAVEL EXISTING 4-PLY BUILT-UP ASPHALT MEMBRANE EXISTING 1/2" FIBERBOARD (MOPPED WITH ASPHALT) EXISTING 4" POLYISOCYANURATE INSULATION EXISTING 2-PLY BUILT-UP ASPHALT VAPOUR BARRIER EXISTING COMPOSITE ROOF DECK (STRUCTURALLY SLOPED DECK) 	 NEW MODIFIED BITUMEN CAP SHEET (COLD APPLIED) NEW MODIFIED BITUMEN BASE SHEET (COLD APPLIED) NEW 1/2" FIBREBOARD COVER BOARD (ADHERED) NEW 4" POLYISOCYANURATE INSULATION (ADHERED, 2 LAYERS OF 2", STAGGERED JOINTS) NEW SELF-ADHERED VAPOUR RETARDER EXISTING COMPOSITE ROOF DECK (STRUCTURALLY SLOPED DECK) 	N/A

* ROOF COMPOSITION TABLE IS INTENDED AS A QUICK REFERENCE GUIDE REFER TO THE DRAWINGS AND SPECIFICATIONS FOR FOR FULL SCOPE OF WORK AND REQUIREMENTS.





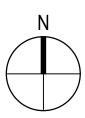
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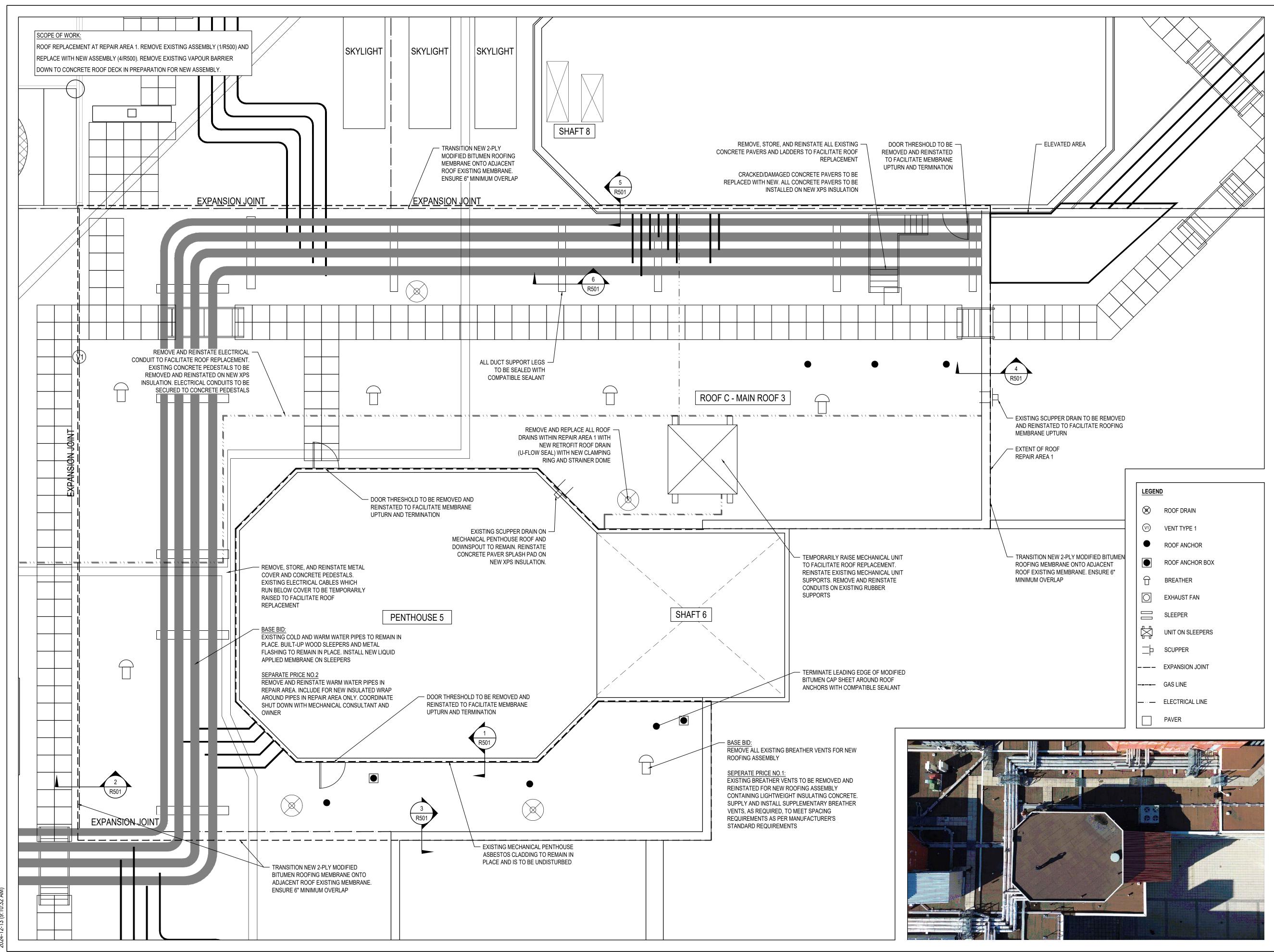
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160 KENDAL AVE., TORONTO, ON

Designed By:	D.W.	Scale:	AS NOTED
Drawn By:	S.R.	Date:	2024-10-17
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CONTEXT PLAN

Drawing Number



Original drawing sheet is 22 x 34.



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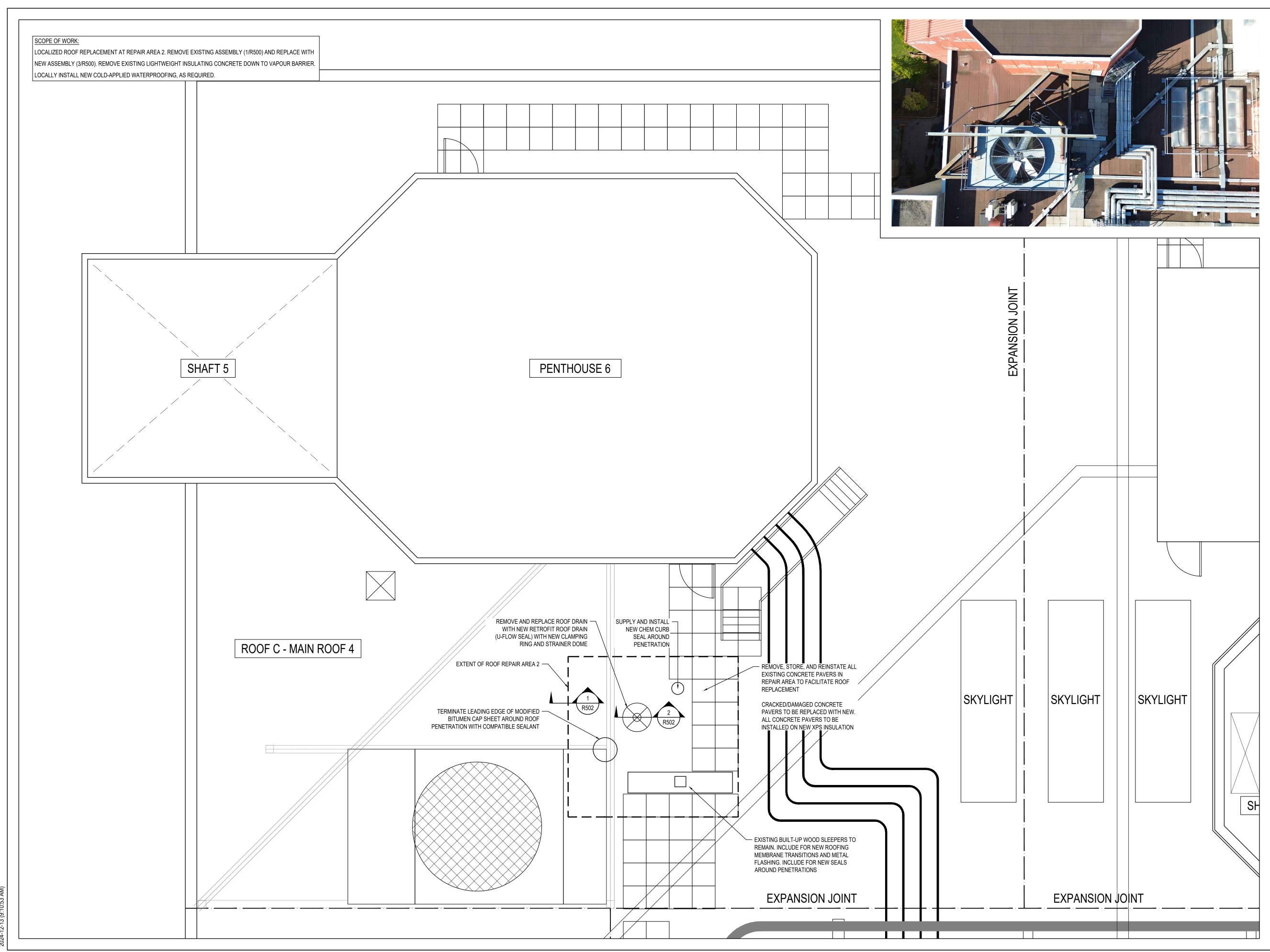
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Designed By:	D.W.	Scale:	AS NOTED
Drawn By:	S.R.	Date:	2024-10-17
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ROOF PLAN (ROOF C, REPAIR AREA 1)

Drawing Number





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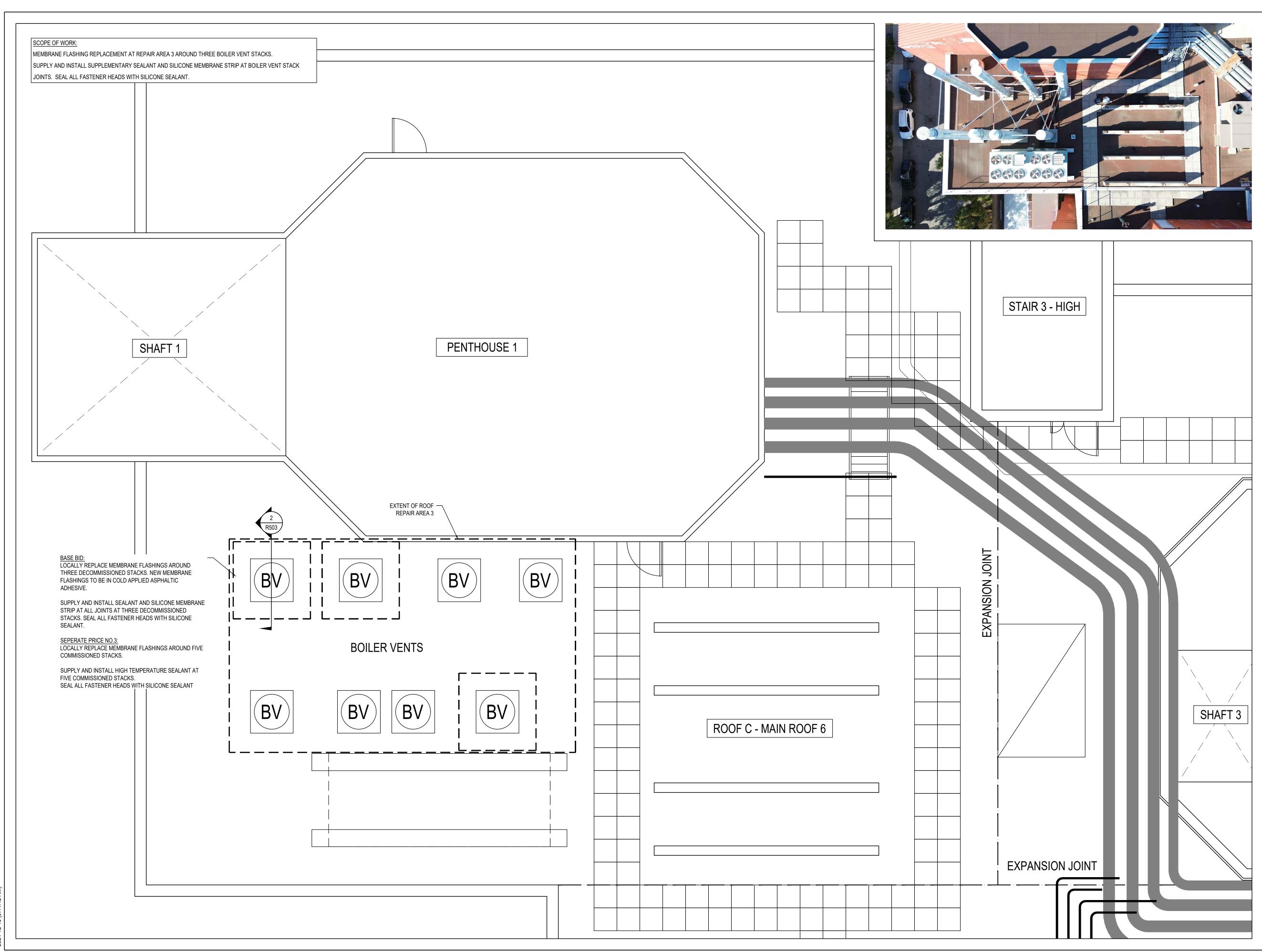
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ROOF PLAN (ROOF C, REPAIR AREA 2)

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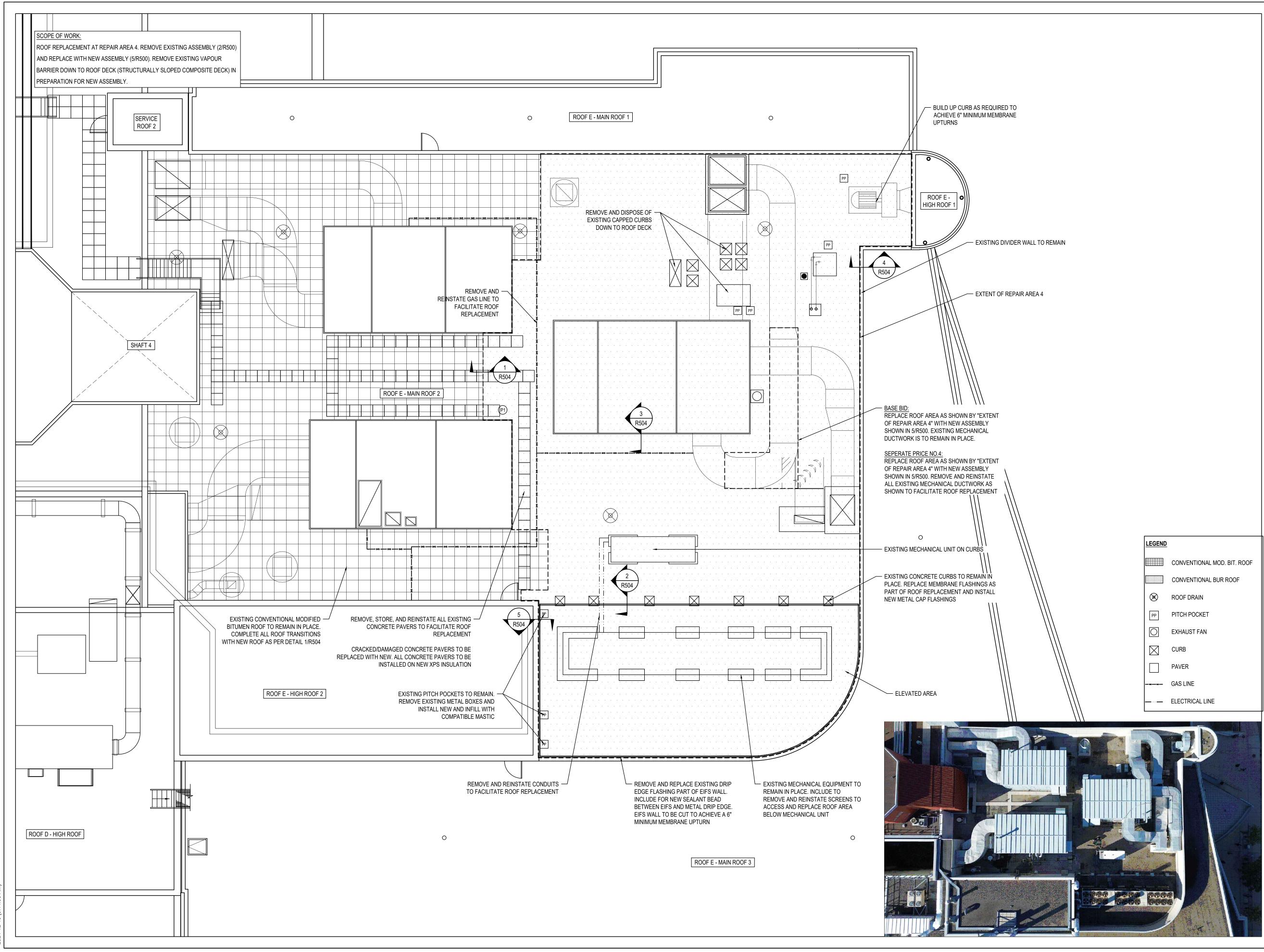
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ROOF PLAN (ROOF C, REPAIR AREA 3)

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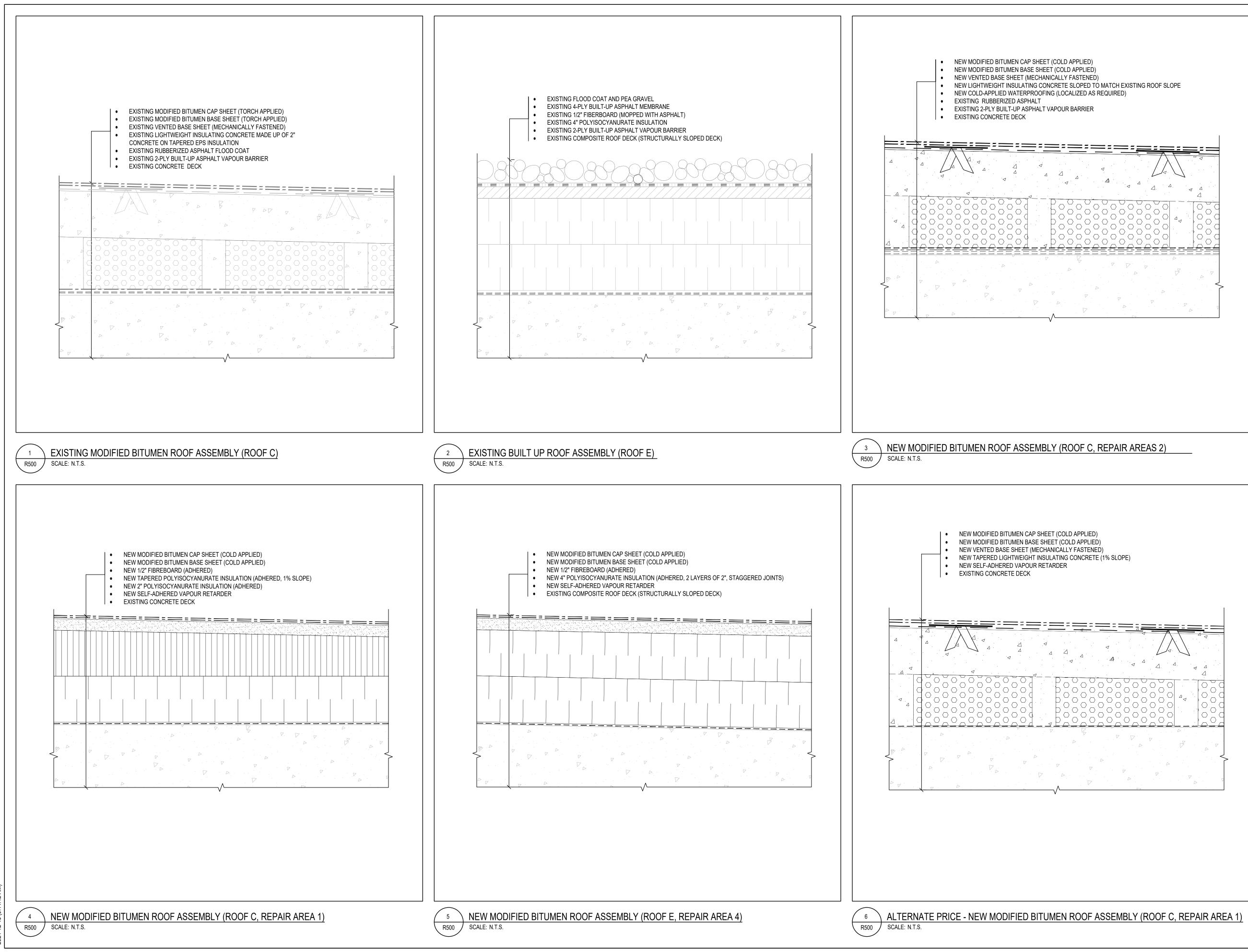
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ROOF PLAN (ROOF E, REPAIR AREA 4)

Drawing Number





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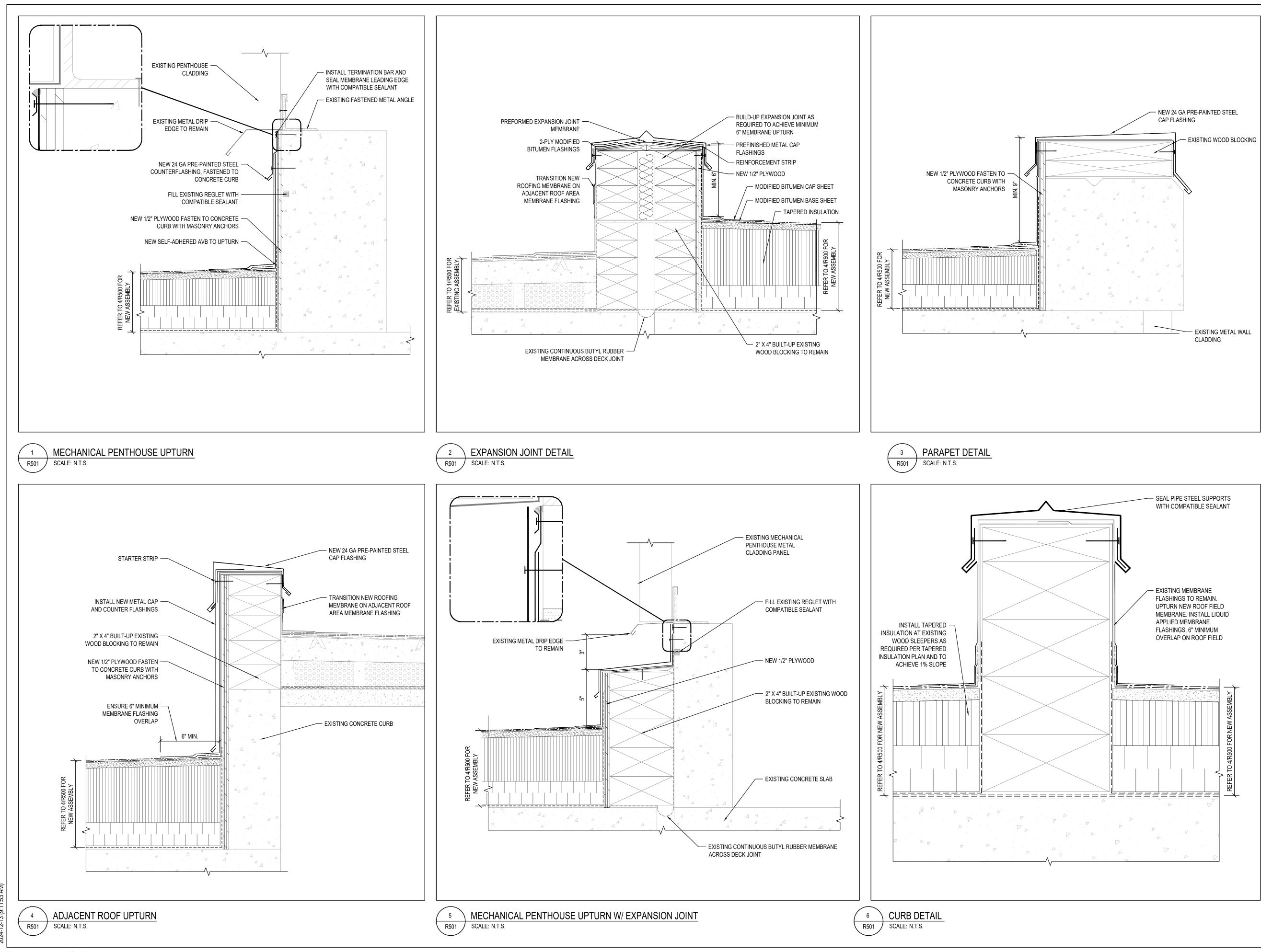
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ROOF ASSEMBLIES

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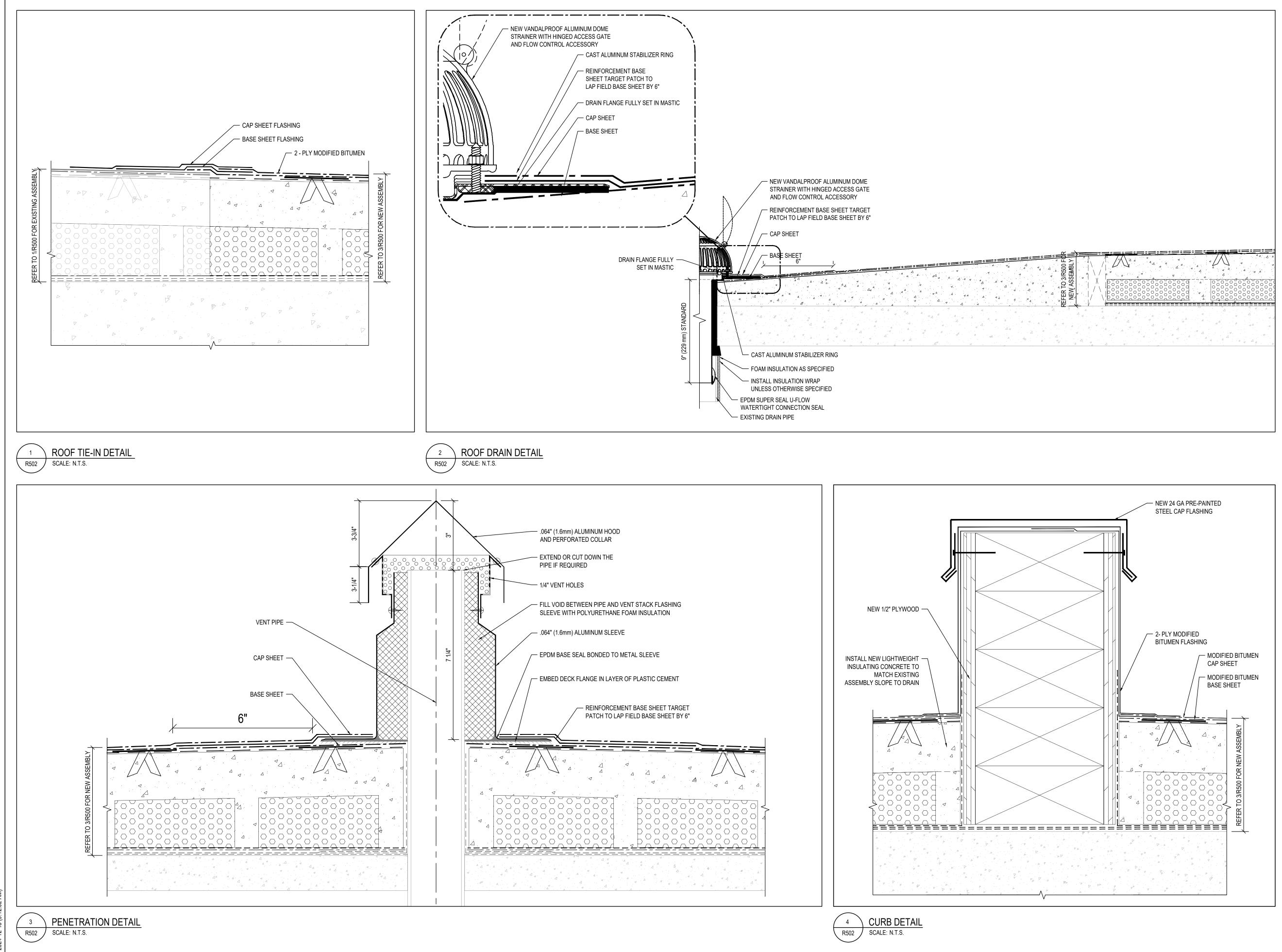
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DETAILS (ROOF C, REPAIR AREA 1)





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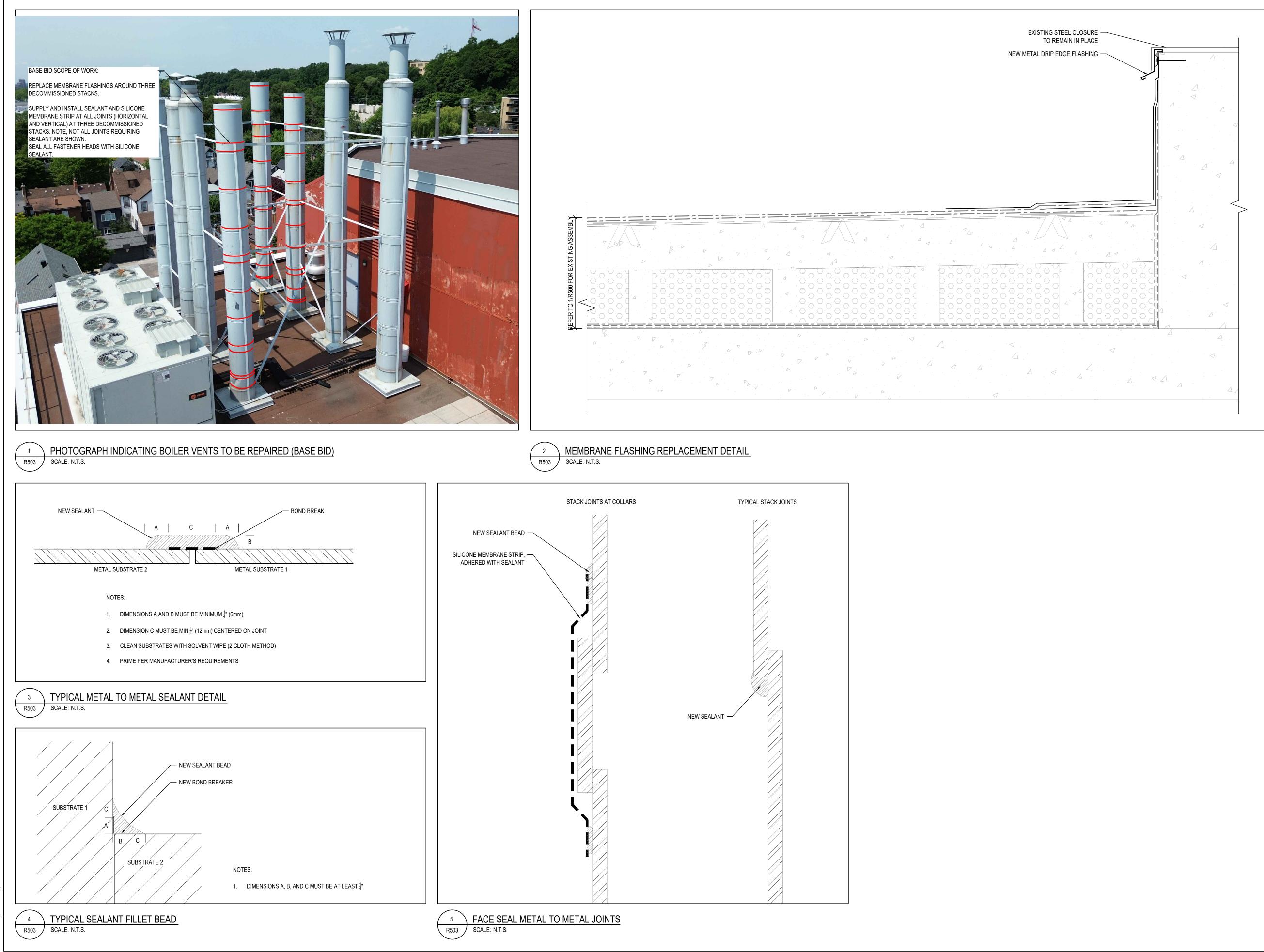
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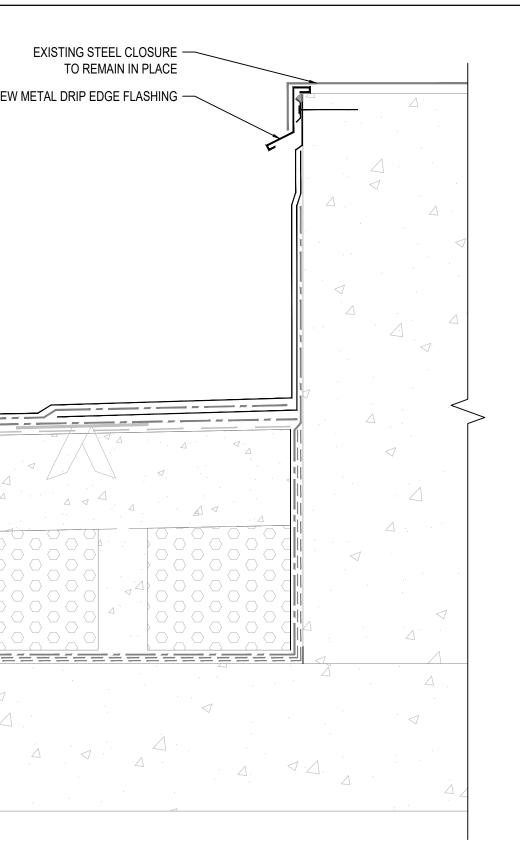
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Drawing Title			

DETAILS (ROOF C, REPAIR AREA 2)





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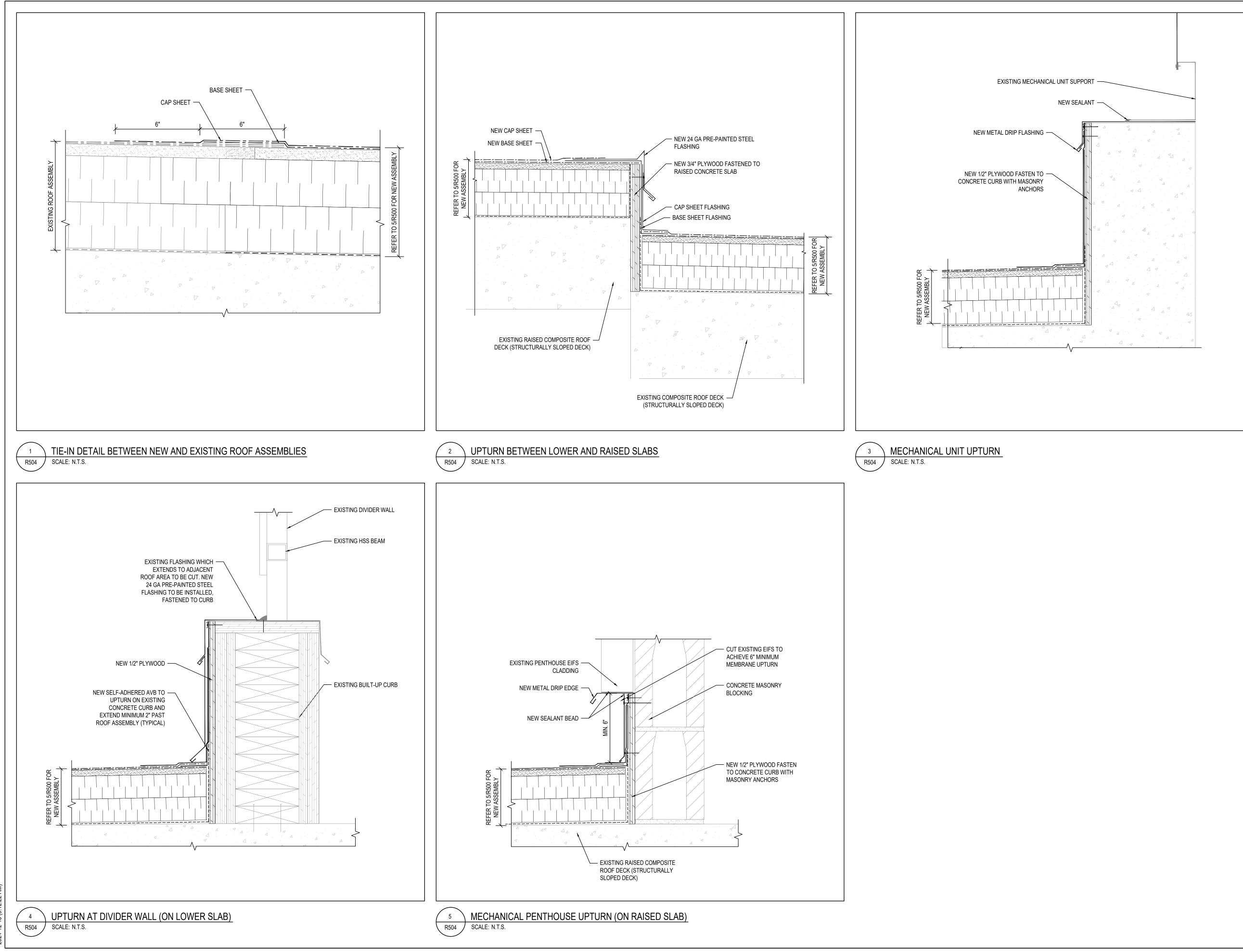
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DETAILS (ROOF C, REPAIR AREA 3)

Drawing Number



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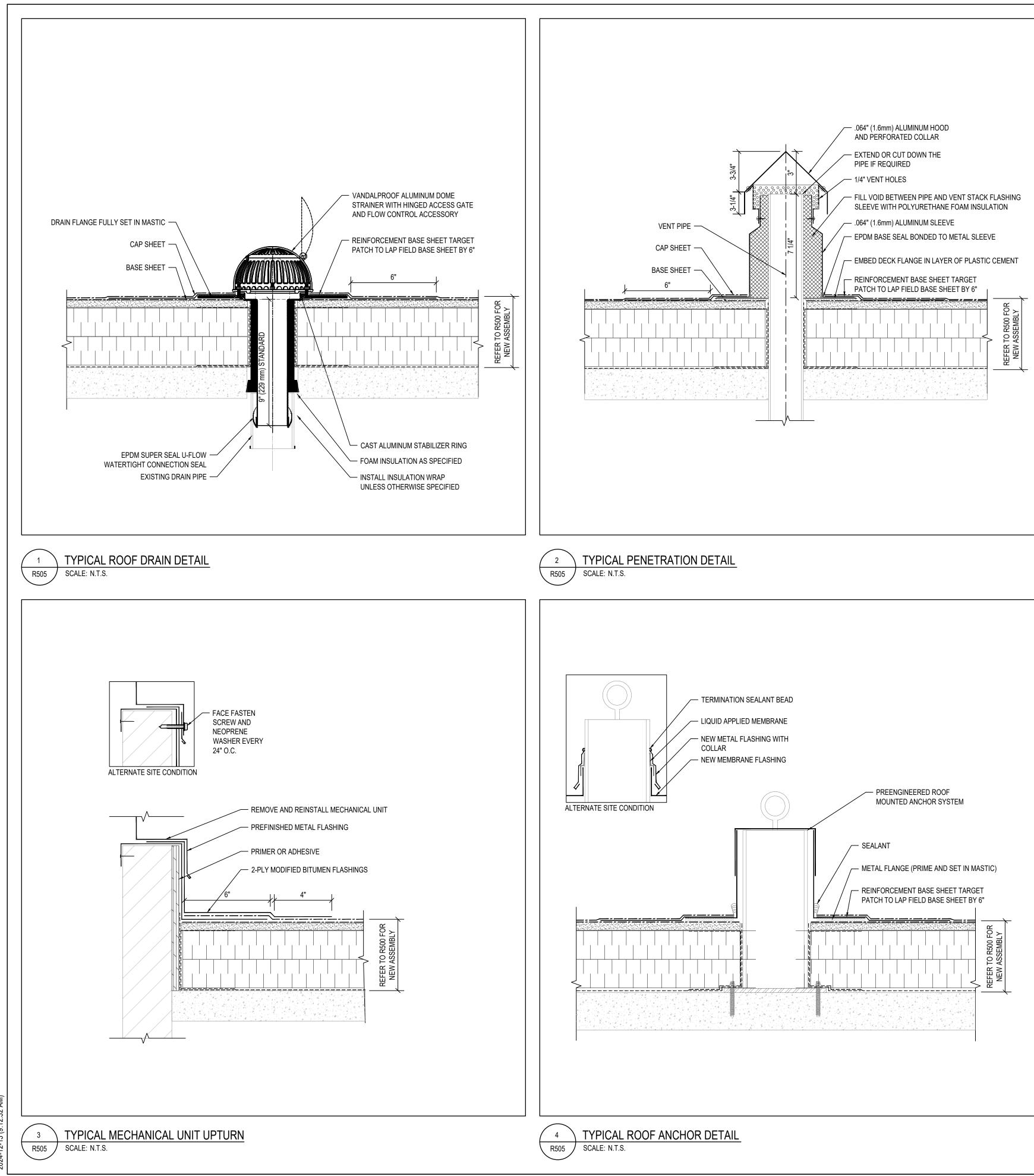
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DETAILS (ROOF E, REPAIR AREA 4)







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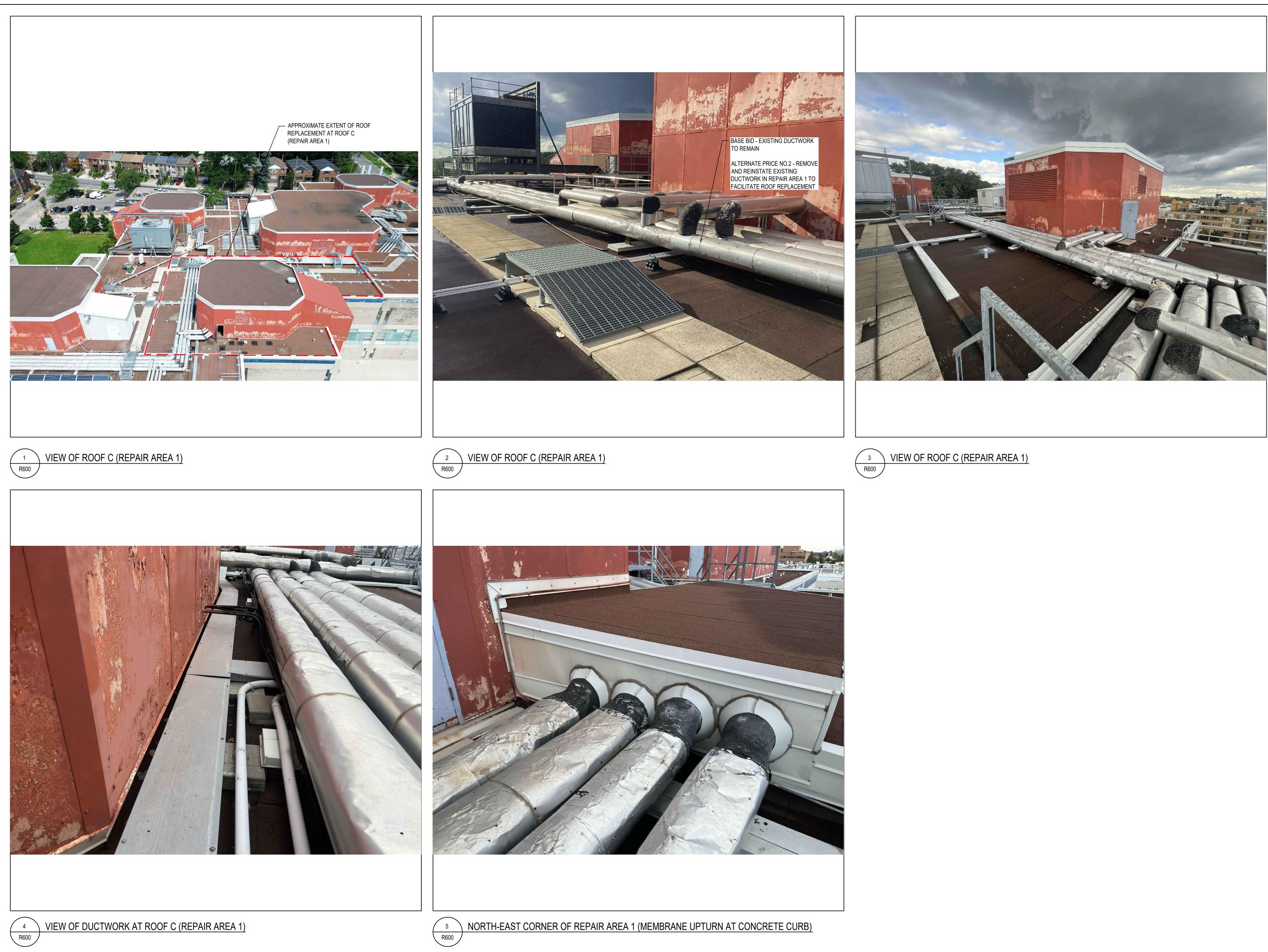
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TYPICAL ROOFING DETAILS









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Drawing Title

PHOTOGRAPHS (ROOF C, REPAIR AREA 1)











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PHOTOGRAPHS (ROOF C, REPAIR AREAS 2 AND 3)







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Drawing Title			

R602

Drawing Title

PHOTOGRAPHS (ROOF E, REPAIR AREA 4)