

OVERALL ROOF PLAN  
1:500

- LEGEND**
- DECK DRAIN
  - ⊗ EXHAUST FAN
  - ⊙ VENT STACK
  - GENERATOR EXHAUST PIPE
  - ACCESS HATCH
  - SLOPE LINES

**GENERAL NOTES**

1. UNDERTAKE ALL WORK IN ACCORDANCE WITH THE CURRENT NATIONAL BUILDING CODE.
2. ALL WORK TO COMPLY WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
3. BUILDING TO REMAIN FULLY OCCUPIED DURING CONSTRUCTION. TAKE ALL MEANS NECESSARY TO ENSURE THE SAFETY OF THE INHABITANTS, VISITORS AND GUESTS OF THE BUILDING.
4. PROVIDE AND MAINTAIN BARRICADES AND OTHER PROTECTION AS REQUIRED AROUND AREA(S) OF WORK AT ALL TIMES. AS REQUIRED, OBTAIN LOCATES FROM ALL APPLICABLE UTILITIES PRIOR TO INSTALLING POSTS.
5. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MEANS TO PROTECT THE BASE BUILDING, INTERIOR FINISHES AND PERMANENT INSTALLATIONS. MAKE GOOD ALL ITEMS DAMAGED DURING CONSTRUCTION.
6. PROTECT ALL HARD AND SOFT LANDSCAPING ITEMS DURING CONSTRUCTION. MAKE GOOD ANY ITEMS DAMAGED DURING CONSTRUCTION. REMOVE EXISTING AND LAY NEW SOD OVER ENTIRE GRASSY AREA AFFECTED BY WORK.
7. DESIGN, MAINTAIN AND CONSTRUCT SCAFFOLDING IN ACCORDANCE WITH CSA-S269.2, "ACCESS SCAFFOLDING FOR CONSTRUCTION PURPOSES".
8. CONTRACTOR SHALL CHECK ALL DIMENSIONS IN FIELD PRIOR TO START OF WORK.
9. CONTRACTOR TO CONFIRM AS-BUILT DIMENSION FOR FIT AND CLEARANCE PRIOR TO FABRICATION OF NEW FIXED DIMENSIONED COMPONENTS.
10. MAINTAIN SITE IN CLEAN AND ORDERLY CONDITION AT ALL TIMES. SITE TO BE CLEANED ON A DAILY BASIS.
11. MAINTAIN ACCESS TO ALL FIRE EXITS, EXTERIOR FIRE HYDRANTS, GAS VALVES AND STANDPIPE CONNECTIONS.
12. MAKE NO HOLES IN ANY STRUCTURAL COMPONENTS WITHOUT WRITTEN APPROVAL BY THE CONSULTANT.
13. WORK NOT INDICATED ON A PART OF THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
14. MAINTAIN RECORD DRAWING SET ON SITE, ALONG WITH ALL OTHER CONTRACT DOCUMENTATION

**ITEMS OF WORK**

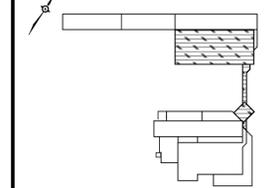
1. REMOVE AND DISPOSE OF EXISTING ROOFING MEMBRANE SYSTEM INCLUDING CONCRETE PAVERS, STONE BALLAST, FILTER FABRIC, INSULATION, METAL FLASHINGS, WOOD CURBS AND ALL RELATED ACCESSORIES (AS DETAILED ON THE DRAWINGS) FOR THE ENTIRE ROOF AREA TO LIMITS SHOWN.
2. NEW CONVENTIONAL MODIFIED BITUMEN ROOFING SYSTEM TO BE SUPPLIED AND INSTALLED THROUGHOUT THE ROOF AREA SHOWN.
3. NEW PREFINISHED METAL FLASHING TO BE SUPPLIED AND INSTALLED AT ALL PARAPET CAPS, WALL AND CURB LOCATIONS (AS DETAILED ON DRAWINGS).
4. NEW RETRO-FIT DRAINS TO BE SUPPLIED AND INSTALLED AT ALL ROOF DRAIN LOCATIONS. SIZE OF NEW DRAINS TO MATCH EXISTING PIPING. SUPPLY AND INSTALL ALL NECESSARY PIPING TO ACCOMMODATE NEW DRAIN INSTALLATION.
5. REMOVE EXISTING METAL SIDING AS REQUIRED TO FACILITATE VAPOUR BARRIER AND ROOFING MEMBRANE CONNECTIONS TO EXISTING MEMBERS. REPLACE METAL SIDING AFTER ROOF MEMBRANE HAS BEEN COMPLETED.
6. ALL EXISTING SKYLIGHTS TO BE TEMPORARILY REMOVED AND REINSTATED TO FACILITATE THE WORK.

**LIST OF DRAWINGS**

- BE-01 ROOF PLAN & GENERAL NOTES
- BE-02 ROOF PLAN PHASE 1 (NOT INCLUDED IN THIS PHASE)
- BE-03 ROOF PLAN PHASE 3
- BE-04 ROOF PLAN PHASE 3
- BE-05 ROOF PLAN PHASE 4 (NOT INCLUDED IN THIS PHASE)
- BE-06 ROOF PLAN PHASE 5 (NOT INCLUDED IN THIS PHASE)
- BE-07 PHASE 1-1 DETAILS SHEET 1 (NOT INCLUDED IN THIS PHASE)
- BE-08 PHASE 1-1 DETAILS SHEET 2 (NOT INCLUDED IN THIS PHASE)
- BE-09 PHASE 3 DETAILS SHEET 1
- BE-10 PHASE 2 DETAILS SHEET 2 (NOT INCLUDED IN THIS PHASE)
- BE-11 PHASE 3 DETAILS SHEET 2
- BE-12 PHASE 3 DETAILS SHEET 1
- BE-13 PHASE 4 DETAILS SHEET 1 (NOT INCLUDED IN THIS PHASE)
- BE-14 PHASE 5 DETAILS SHEET 1 (NOT INCLUDED IN THIS PHASE)
- BE-15 PHASE 3 DETAILS SHEET 3
- BE-16 TYPICAL DETAILS SHEET 2 (NOT INCLUDED IN THIS PHASE)

DO NOT SCALE DRAWING. DIMENSIONS TO BE VERIFIED ON SITE. DRAWING TO BE READ IN CONJUNCTION WITH WRITTEN SPECIFICATION.

**KEY PLAN**



**CONTRACT PHASES**

- ▨ PHASE 1 (NOT INCLUDED IN CONTRACT)
- ▨ PHASE 2 (NOT INCLUDED IN CONTRACT)
- ▨ PHASE 3
- ▨ PHASE 4 (NOT INCLUDED IN CONTRACT)
- ▨ PHASE 5 (NOT INCLUDED IN CONTRACT)

**ENGINEER'S STAMP**

2	ISSUED FOR TENDER	06/04/14
1	ISSUED FOR CLIENT REVIEW 95%	05/04/12
ISSUE	DESCRIPTION	DATE

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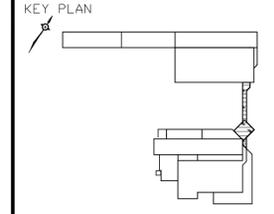
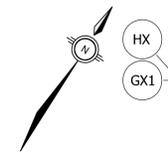
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 ST JOHN'S, NEWFOUNDLAND

**ROOF REPLACEMENT  
 PHASE 6  
 ROOF PLAN & GENERAL NOTES**

DATE: SEPT 2013	DRAWING No:
SCALE: AS SHOWN	<b>BE-01</b>
DESIGN: PTC/EL	PROJECT No:
DRAWN: EL	2123161.00
REVIEWED: DN/SDT	

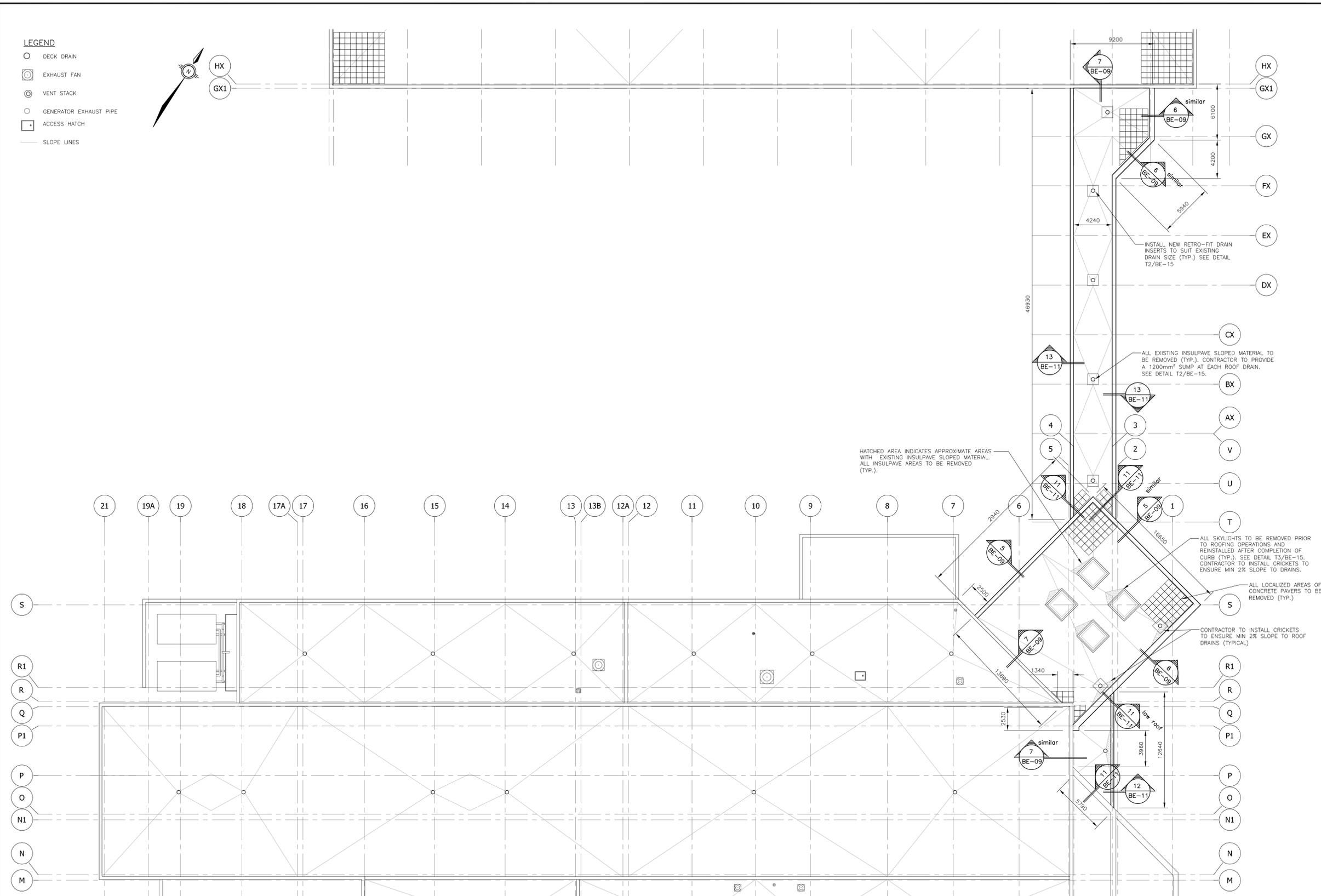
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- LEGEND**
- DECK DRAIN
  - ⊙ EXHAUST FAN
  - ⊙ VENT STACK
  - GENERATOR EXHAUST PIPE
  - ACCESS HATCH
  - SLOPE LINES



**EXISTING ROOFING SYSTEM**  
 PHASE 3 ROOF AREA  
 75-100mm (APPROX DEPTH) BALLAST  
 FILTER FABRIC  
 75mm RIGID INSULATION  
 13mm FIBRE BOARD (INSULPAVE AREAS ONLY)  
 INSULPAVE (SELECT AREAS - SEE DRAWINGS)  
 4-PLYS FELT MEMBRANE VAPOUR BARRIER  
 PLYWOOD/GYPSUM BOARD DECK COVER

**NEW ROOFING SYSTEM**  
 PHASE 3 ROOF AREA  
 MODIFIED BITUMEN CAP SHEET  
 MODIFIED BITUMEN BASE SHEET  
 ASPHALT RECOVERY BOARD  
 2 LAYERS 50mm RIGID INSULATION  
 MODIFIED BITUMEN VAPOUR BARRIER  
 EXISTING 4-PLYS FELT MEMBRANE VAPOUR BARRIER  
 EXISTING PLYWOOD/GYPSUM BOARD DECK COVER



ENGINEER'S STAMP

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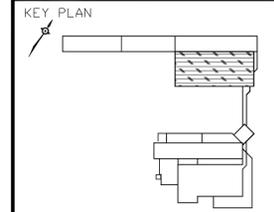
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**ROOF REPLACEMENT  
 PHASE 3  
 ROOF PLAN**

DATE: SEPT 2013	DRAWING No:
SCALE: 1:200	<b>BE-03</b>
DESIGN: PTC/EL	
DRAWN: EL	PROJECT No:
REVIEWED: DN/SDT	2123161.00

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**EXISTING ROOFING SYSTEM**

PHASE 3 ROOF AREA  
 75-100mm (APPROX DEPTH) BALLAST  
 FILTER FABRIC  
 75mm RIGID INSULATION  
 13mm FIBRE BOARD (INSULPAVE AREAS ONLY)  
 INSULPAVE (SELECT AREAS - SEE DRAWINGS)  
 4-PLYS FELT MEMBRANE VAPOUR BARRIER  
 PLYWOOD DECK COVER

**NEW ROOFING SYSTEM**

PHASE 3 ROOF AREA  
 MODIFIED BITUMEN CAP SHEET  
 MODIFIED BITUMEN BASE SHEET  
 ASPHALT RECOVERY BOARD  
 2 LAYERS 50mm RIGID INSULATION  
 MODIFIED BITUMEN VAPOUR BARRIER  
 EXISTING 4-PLYS FELT MEMBRANE VAPOUR BARRIER  
 EXISTING PLYWOOD BOARD DECK COVER

ENGINEER'S STAMP

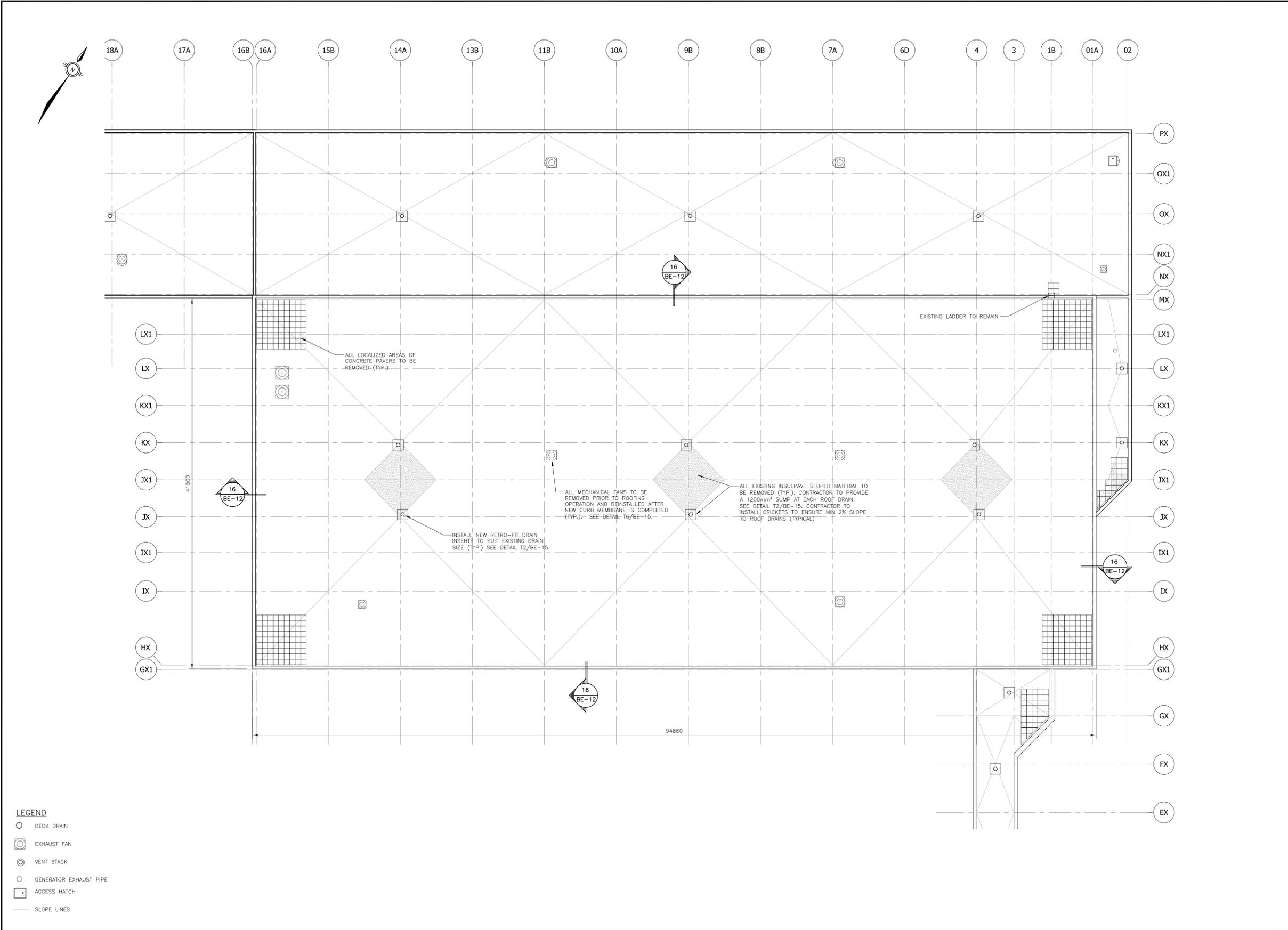
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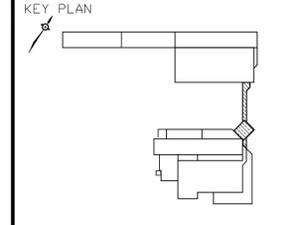
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 ROOF PLAN**

DATE: SEPT 2013	DRAWING No:
SCALE: 1:200	<b>BE-04</b>
DESIGN: PTC/EL	PROJECT No:
DRAWN: EL	2123161.00
REVIEWED: DN/SDT	



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 INSULPAVE (SELECT AREAS - SEE DRAWINGS)  
 4-PLY FELT MEMBRANE VAPOUR BARRIER  
 PLYWOOD/GYPSUM BOARD DECK COVER

**NEW ROOFING SYSTEM**  
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 MODIFIED BITUMEN VAPOUR BARRIER  
 EXISTING 4-PLY FELT MEMBRANE VAPOUR BARRIER  
 EXISTING PLYWOOD/GYPSUM BOARD DECK COVER

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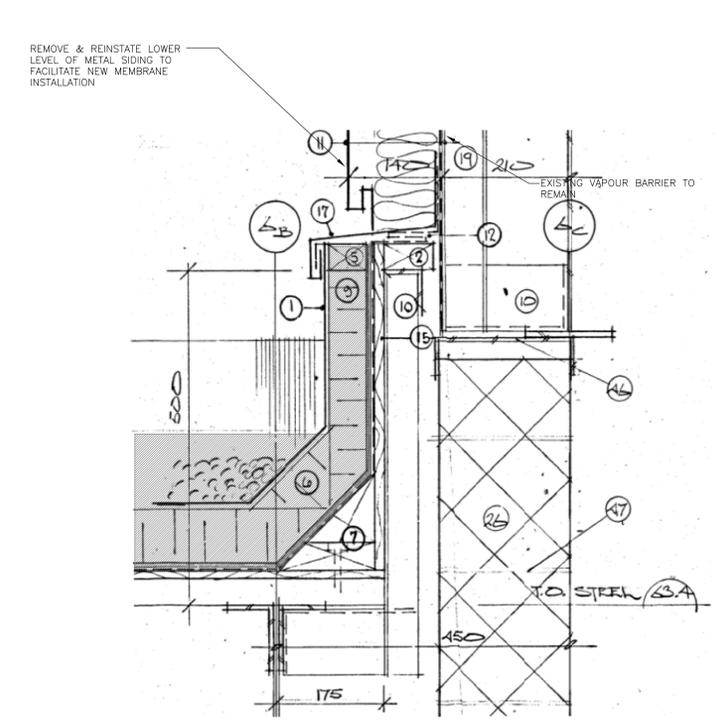
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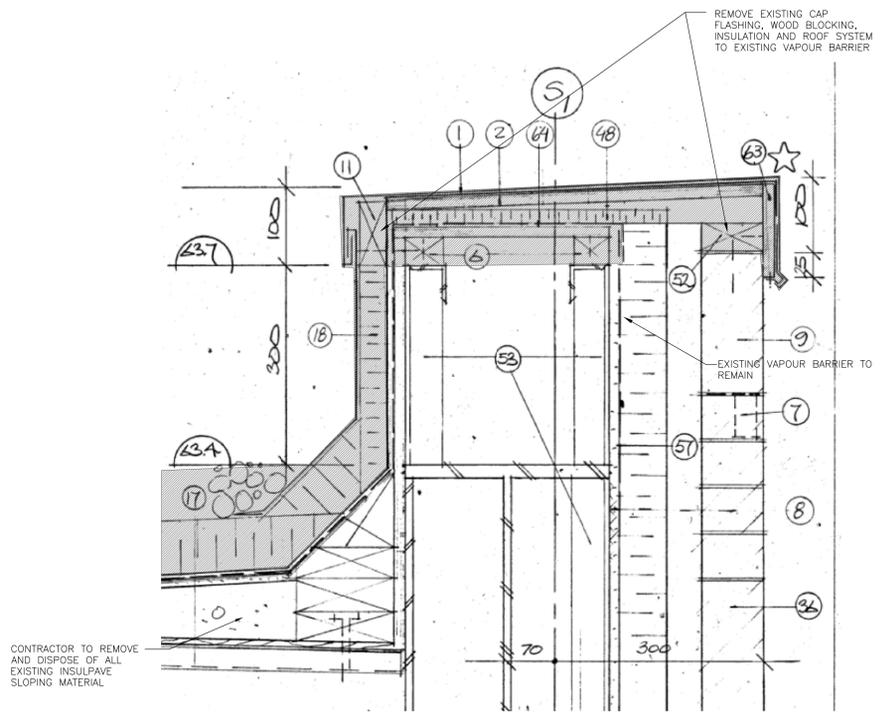
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**ROOF REPLACEMENT  
 PHASE 3  
 DETAILS SHEET 1**

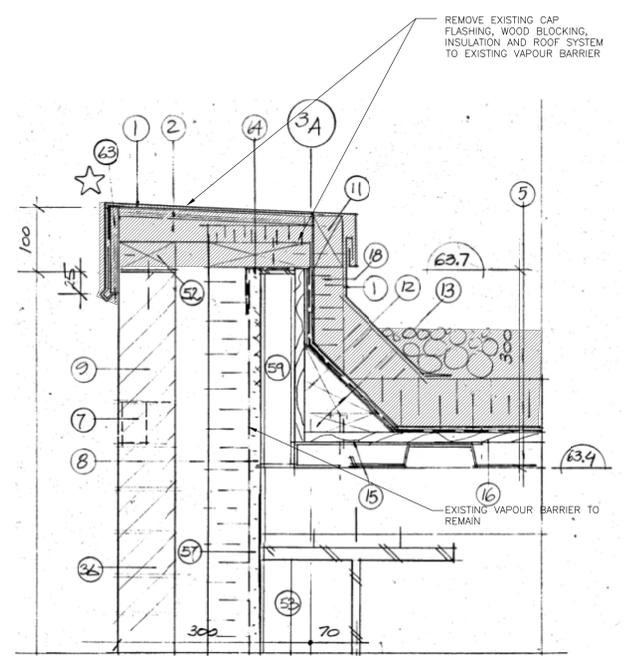
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REVIEWED: DN/SDT	



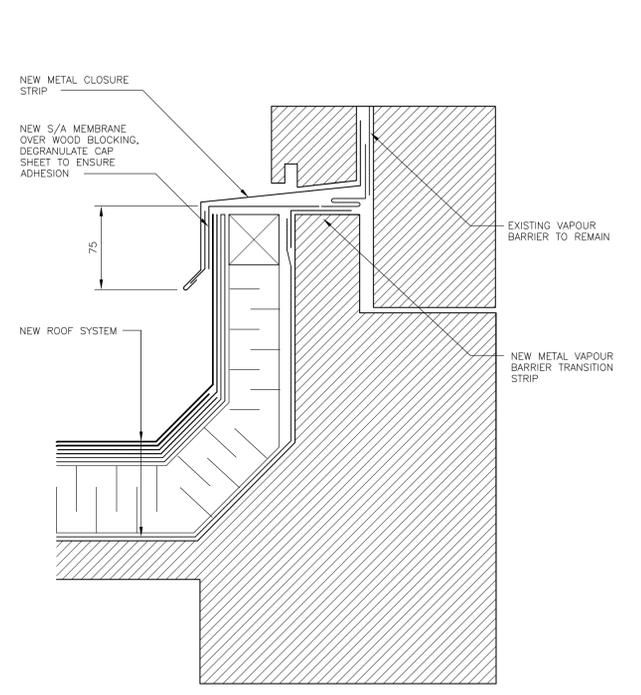
7 EXISTING ROOF TO WALL CONNECTION  
 BE-09 NTS



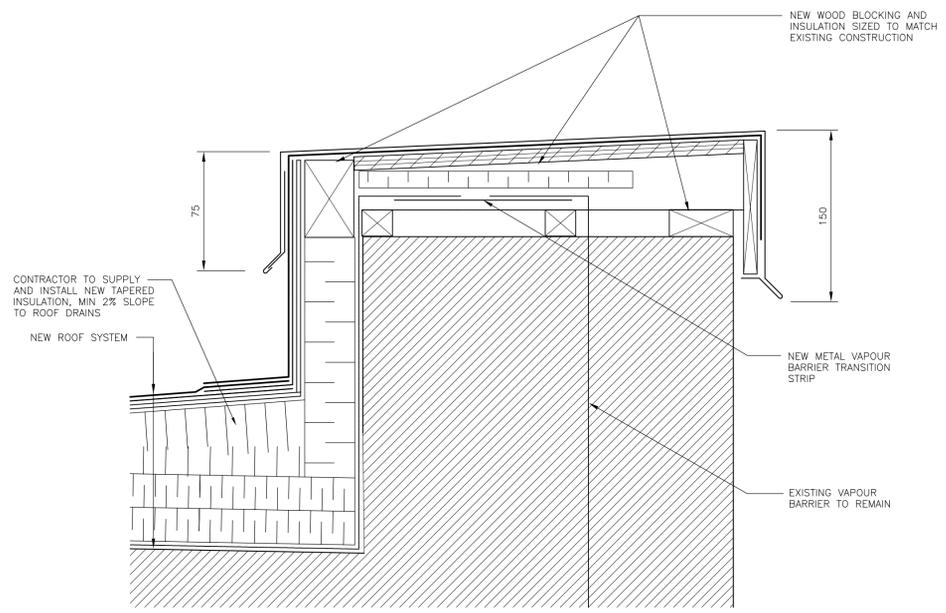
6 EXISTING PARAPET  
 BE-09 NTS



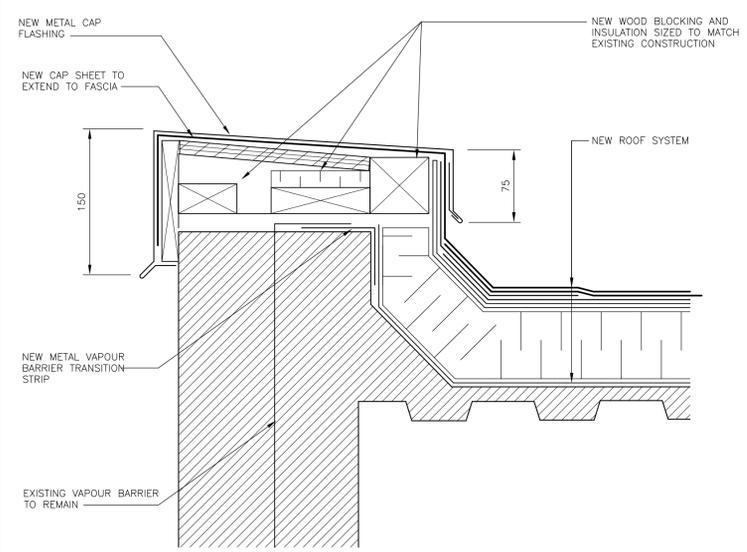
5 EXISTING PARAPET  
 BE-09 NTS



7 NEW ROOF TO WALL CONNECTION  
 BE-09 1:5

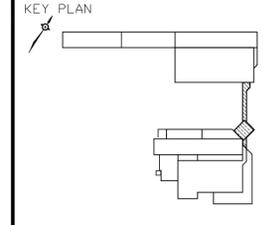


6 NEW PARAPET  
 BE-09 1:5



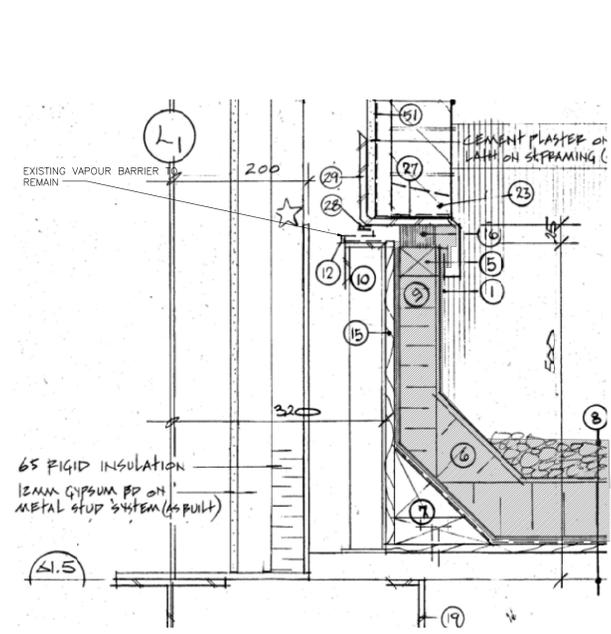
5 NEW PARAPET  
 BE-09 1:5

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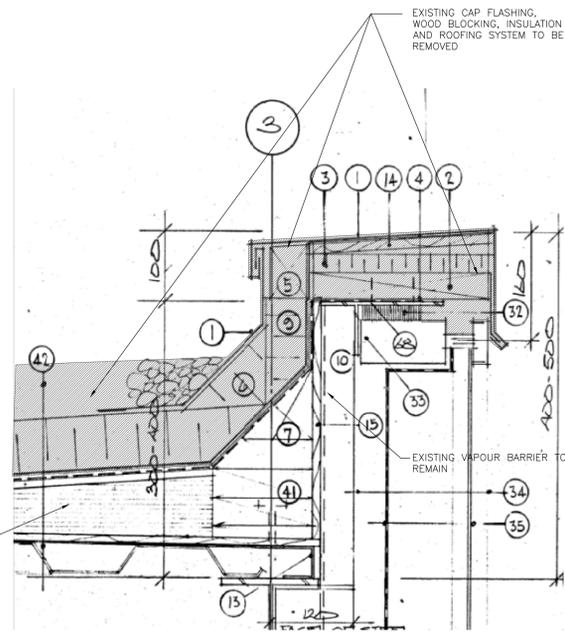


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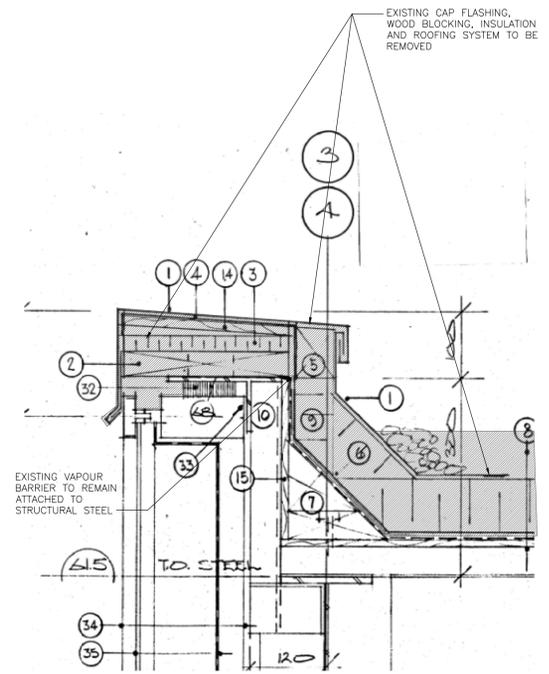
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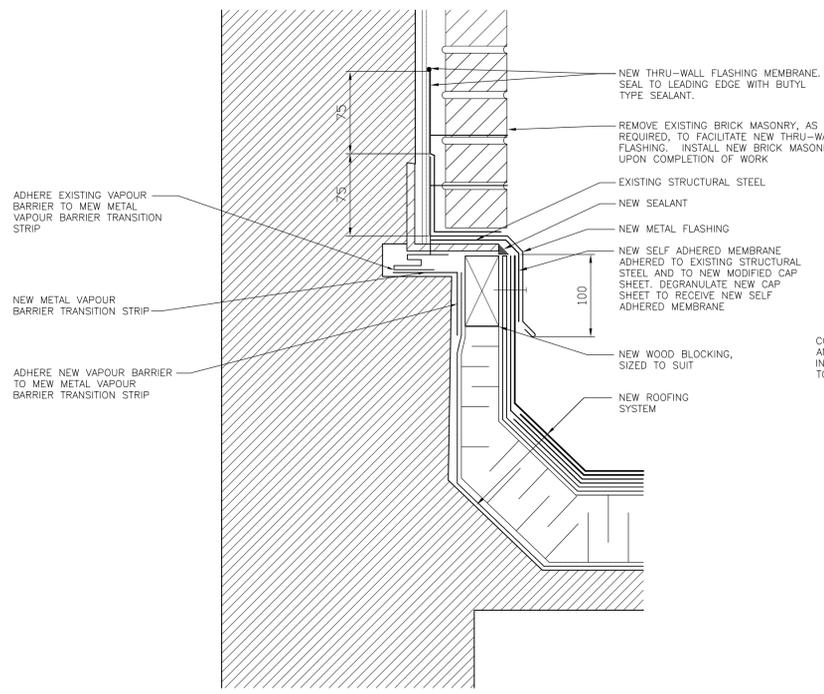
11 EXISTING ROOF TO WALL CONNECTION  
 BE-11 NTS



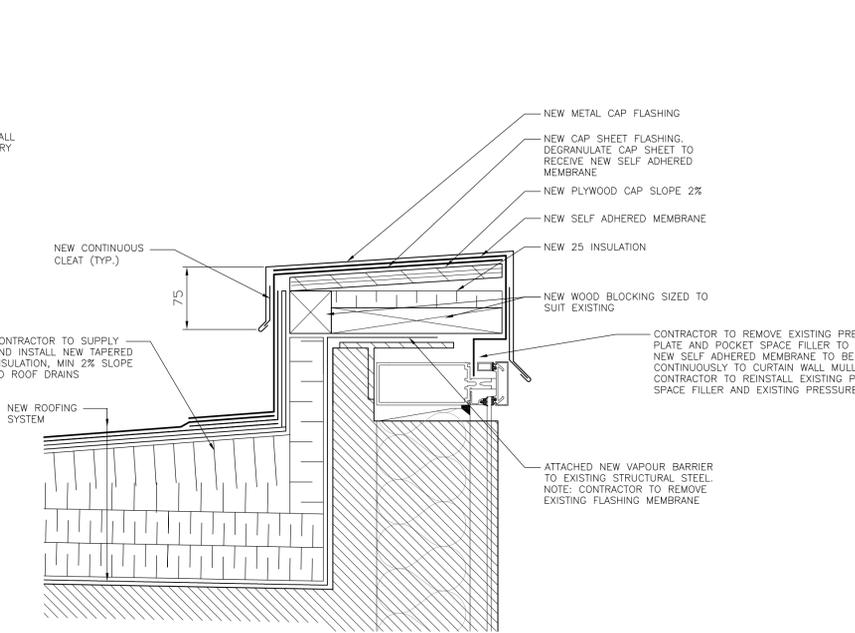
12 EXISTING PARAPET  
 BE-11 NTS



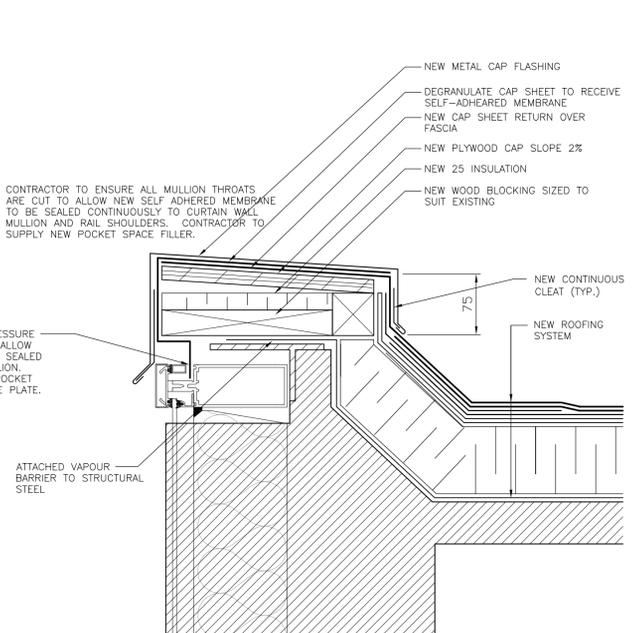
13 EXISTING PARAPET  
 BE-11 NTS



11 NEW ROOF TO WALL CONNECTION  
 BE-11 1:5



12 NEW PARAPET  
 BE-11 1:5



13 NEW PARAPET  
 BE-11 1:5

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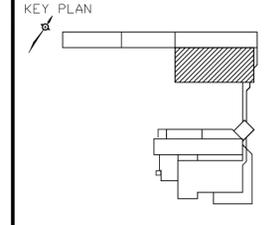
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**ROOF REPLACEMENT  
 PHASE 3  
 DETAILS SHEET 2**

DATE: MARCH 2012	DRAWING No:
SCALE: AS SHOWN	<b>BE-11</b>
DESIGN: PTC/EL	
DRAWN: EL	PROJECT No:
REVIEWED: DN/SDT	2123161.00

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 EXISTING 4-PLYS FELT MEMBRANE VAPOUR BARRIER  
 EXISTING PLYWOOD DECK COVER

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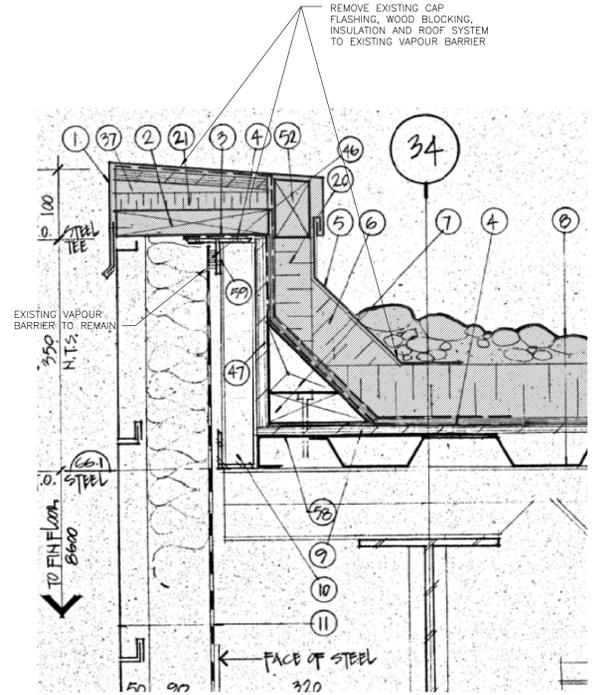
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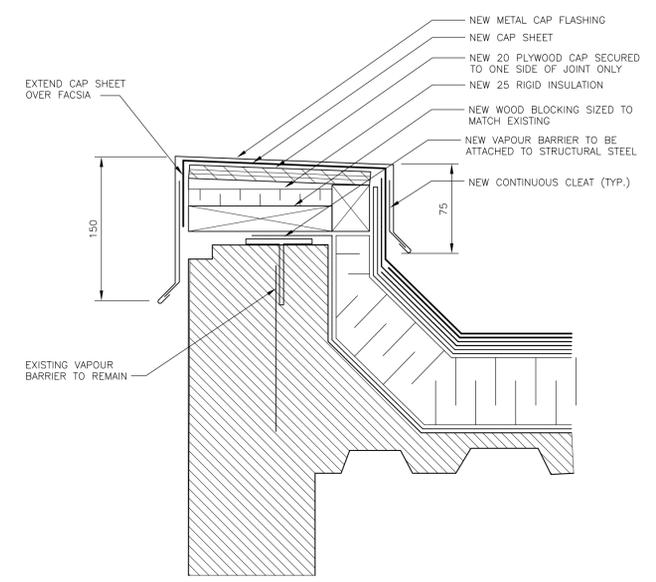
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**ROOF REPLACEMENT  
 PHASE 3  
 DETAILS SHEET 1**

DATE: MARCH 2012	DRAWING No:
SCALE: AS SHOWN	<b>BE-12</b>
DESIGN: PTC/EL	
DRAWN: EL	PROJECT No:
REVIEWED: DN/SDT	2123161.00

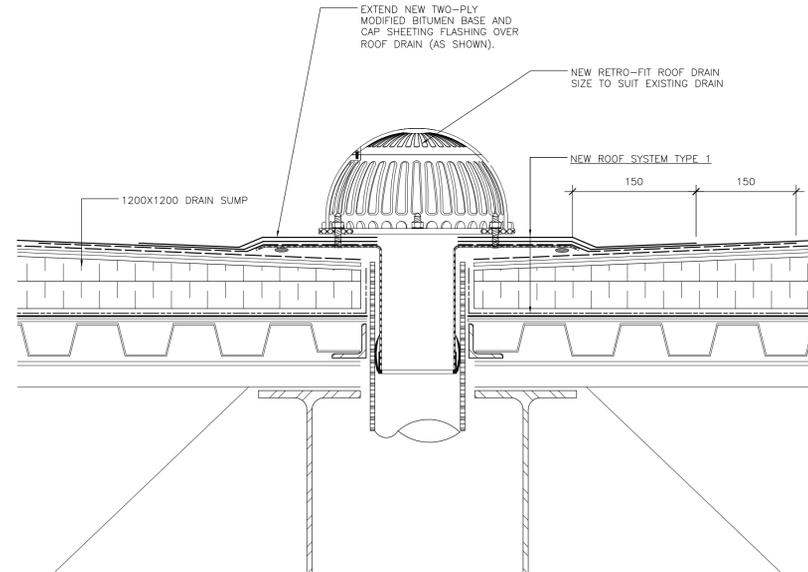
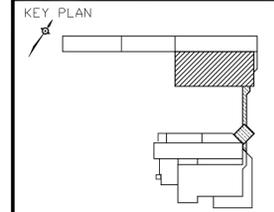


16 EXISTING PARAPET AT STEEL CLADDING  
 BE-04 N.T.S.

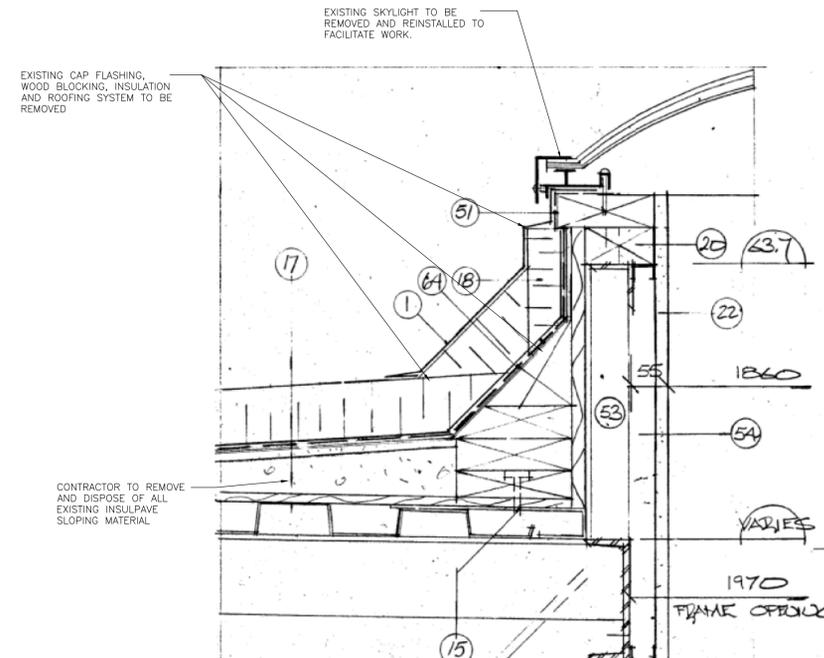


16 NEW PARAPET AT STEEL CLADDING  
 BE-04 N.T.S.

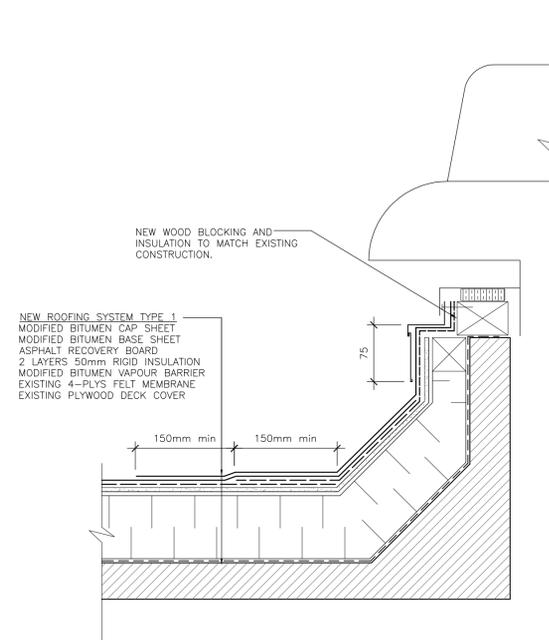
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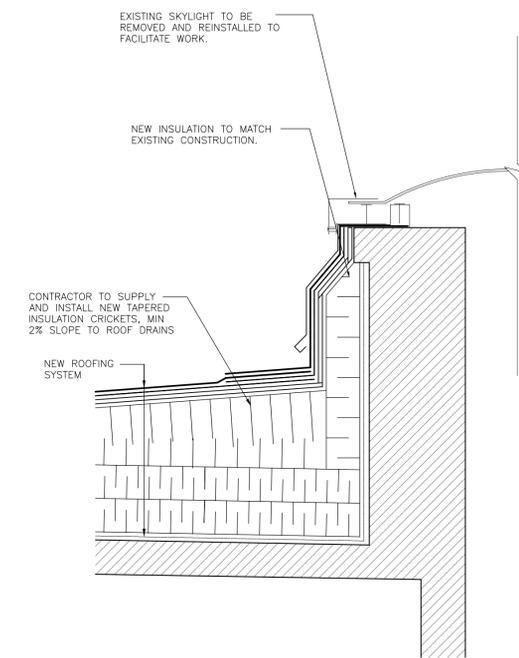
T2 NEW ROOF DRAIN  
BE-15 1:5



T3 EXISTING SKYLIGHT CURB  
BE-15 1:5



T6 PHASE 3, 4 AND 5 MECHANICAL CURB  
BE-15 1:5



T3 NEW SKYLIGHT CURB  
BE-15 1:5

**EXISTING ROOFING SYSTEM**  
PHASE 3 ROOF AREA  
75-100mm (APPROX DEPTH) BALLAST  
FILTER FABRIC  
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PHASE 3 ROOF AREA  
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**ROOF REPLACEMENT  
PHASE 3  
DETAILS SHEET 3**

DATE: MARCH 2012	DRAWING No:
SCALE: AS SHOWN	<b>BE-15</b>
DESIGN: PTC/EL/GML	
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REVIEWED: DN/SDT	2123161.00