

PRELIMINARY NOT FOR CONSTRUCTION

CK A + ID

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DO NOT SCALE DRAWINGS

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A	ISSUED FOR TENDER	16/02/02

Revision/	Description/Description	Date/Date
Client/client		

PWGC
AAFC

Project title/Titre du projet
LETHBRIDGE, ALBERTA
86 RESEARCH CENTRE ROAD
B86 DAIRY & METABOLISM UNIT

ROOF REPLACEMENT LETHBRIDGE RESEARCH CENTRE - DAIRY BARN

Approved by/Approuvé par
DC

Designed by/Concept par
GK

Drawn by/Dessiné par
BB

PWGC Project Manager/Administrateur de Projets TPSCG

PWGC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSCG

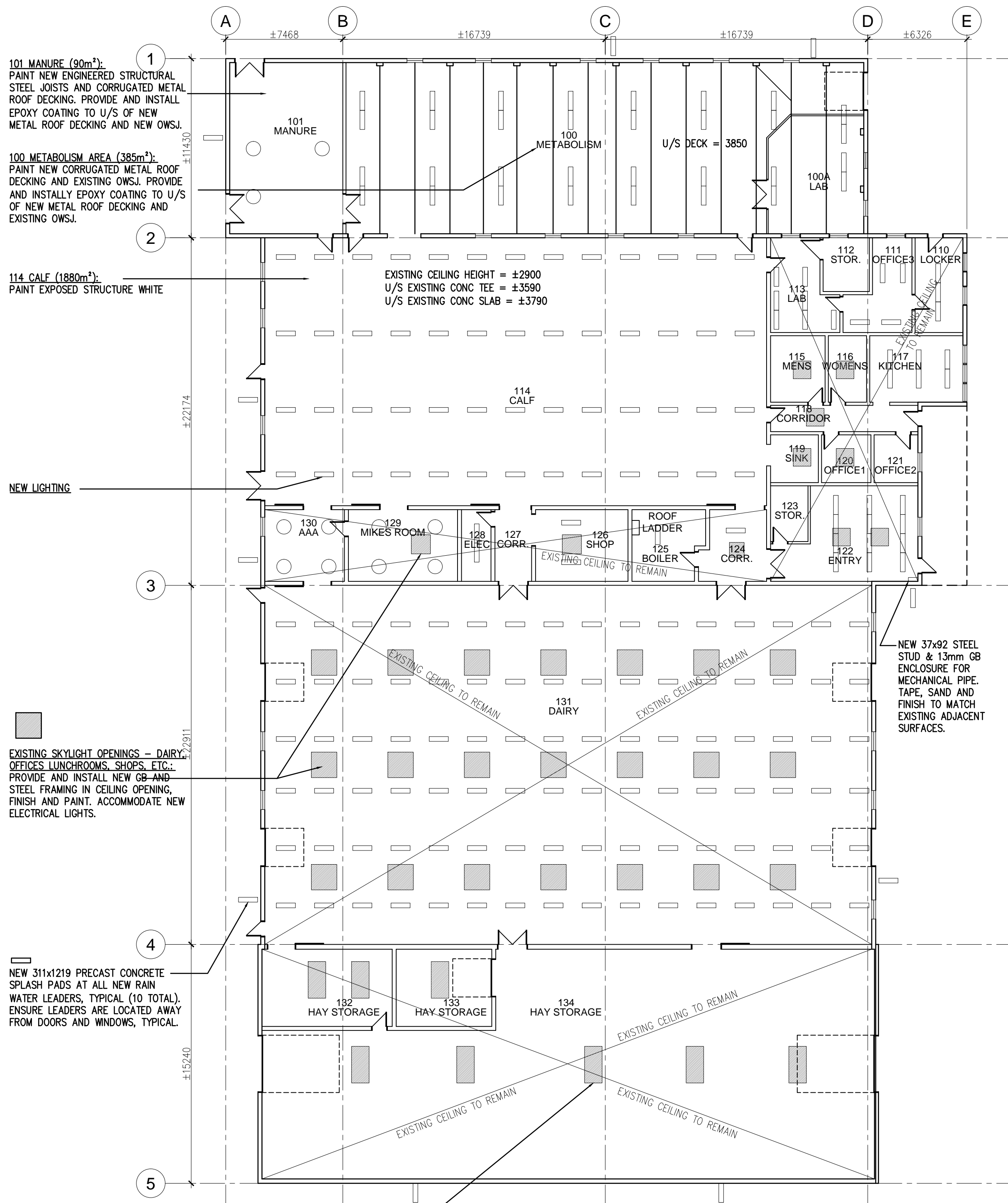
Client/client
AGRICULTURE AND AGRI-FOOD CANADA

Drawing title/Titre du dessin
NEW CONSTRUCTION

Project No./No. du
projet
R.071094.001

Sheet/Feuille
A2.2

Revision no./
La Révision
no.



ROOF A:
PROVIDE AND INSTALL NEW
ENGINEERED STRUCTURAL
STEEL JOISTS AND
CORRUGATED METAL ROOF
DECKING MECHANICALLY
FASTENED TO THE JOISTS.
PROVIDE AND INSTALL
EPOXY COATING TO U/S OF
NEW METAL ROOF DECKING
AND NEW OWSJ.

NEW FALL ARREST ANCHOR AND
CABLE SYSTEM, TYPICAL.
NEW OPENING & CURB, COORDINATE
WITH MECH.

ROOF B:
PROVIDE AND INSTALL NEW
CORRUGATED METAL ROOF
DECKING MECHANICALLY FASTENED
TO EXISTING OWSJ. PROVIDE AND
INSTALL EPOXY COATING TO U/S OF
NEW METAL ROOF DECKING
AND EXISTING OWSJ.

EXISTING SKYLIGHT OPENINGS:
PROVIDE AND INSTALL NEW
STEEL ANGLE SUPPORTS
SECURED TO NEW AND EXISTING
ROOF STRUCTURE AND NEW
CORRUGATED METAL ROOF
DECKING MECHANICALLY FASTENED
TO NEW ANGLE STRUCTURE,
TYPICAL.

NEW FALL ARREST ANCHOR AND
CABLE SYSTEM, TYPICAL.

ROOF A, B, C, D:
SBS MEMBRANE CAP SHEET.
SBS MEMBRANE BASE SHEET.
50 FACED RIGID INSULATION.
100MM RIGID INSULATION.
MIN. 12mm TAPERED INSULATION
(SLOPED TO DRAINS)
VAPOUR BARRIER MEMBRANE.
12mm SUPPORT PANEL
EXISTING METAL DECKING TO REMAIN
EXCEPT NEW FOR ROOF A & B.

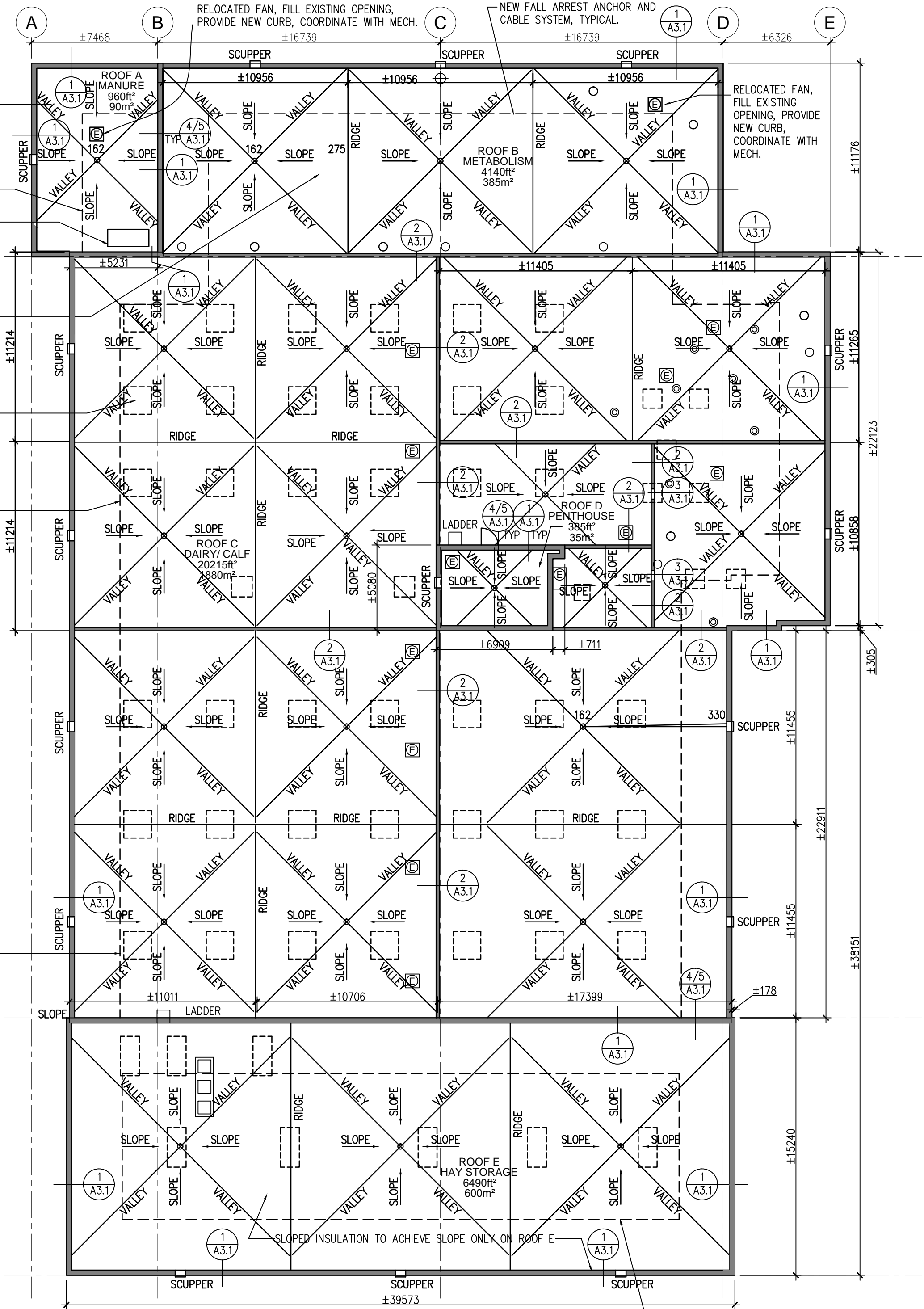
TYPICAL INTERIOR CURB:
SBS MEMBRANE CAP SHEET.
SBS MEMBRANE BASE SHEET.
12mm P.T. PLY SHEATHING.
38x89 P.T. WOOD STUDS @ 400o.c.
89 MINERAL WOOL BATT INSULATION.

PARAPET WALL:
SBS MEMBRANE CAP SHEET.
SBS MEMBRANE BASE SHEET.
12mm P.T. PLY SHEATHING.
38x89 P.T. WOOD STUDS @ 400o.c.
38x38 P.T. WOOD FURRING AS
REQUIRED.
BATT INSULATION, TO FILL CAVITIES.
12mm P.T. PLY SHEATHING.
PRE-FINISHED METAL COUNTER
FLASHING.

NEW FALL ARREST ANCHOR AND
CABLE SYSTEM

ROOF E:
SBS MEMBRANE CAP SHEET.
SBS MEMBRANE BASE SHEET.
MIN. 12mm TAPERED INSULATION
(SLOPED TO DRAINS)
VAPOUR BARRIER MEMBRANE.
12mm SUPPORT PANEL
EXISTING METAL DECKING TO REMAIN.

○ NEW ROOF DRAIN
⊞ EXHAUST FAN
□ INFILL SKYLIGHT
○ HOTSTACK
⊙ PLUMBING STACK



2 ROOF CONSTRUCTION PLAN A2.2 1:200

NOTE: COORDINATE ALL ROOF
PENETRATIONS WITH MECHANICAL

NEW CONSTRUCTION NOTES

- ALL ROOFING WORK TO ALBERTA ROOFING CONTRACTOR ASSOCIATION (ARCA) STANDARDS COMPLETE WITH CERTIFICATE OF ASSURANCE, TYPICAL. ARCA 10 YEAR WARRANTY CERTIFICATE PROGRAM REQUIRED.
- CONFIRM ALL DIMENSIONS AND ROOF TOP EQUIPMENT AND ITEMS PRIOR TO COMMENCING WORK.
- ALL ROOF DRAINS WITHIN AREA OF WORK TO BE SNAKED CLEAN TO CLEANOUT BY CERTIFIED PLUMBER UPON COMPLETION OF THE PROJECT. PROVIDE WRITTEN STATEMENT SIGNED BY BOTH PLUMBER & CONTRACTOR.
- EXISTING ROOFTOP MECHANICAL EQUIPMENT TO REMAIN SHALL BE REMOVED & REINSTALLED AS REQUIRED TO SUIT INSTALLATION OF NEW ROOFING.
- EXTEND ALL CURBS, VENTS, & STACKS AS REQUIRED TO MAINTAIN MIN 200mm REQUIRED CLEARANCES ABOVE ROOF.
- REFER TO SPECIFICATIONS FOR TYPICAL INSULATION TYPES, AND THERMAL VALUES.
- 1:100 SLOPE, TYPICAL UNLESS NOTED OTHERWISE, DIRECTION OF SLOPE INDICATED ON PLANS. INSTALL CRICKETS/CROSS SLOPE WHERE REQUIRED TO MAINTAIN POSITIVE SLOPE. TYPICAL.
- ROOF TOP EQUIPMENT & PIPE SUPPORTS SHALL BE MADE FROM 100% RECYCLED RUBBER & COMPATIBLE w/ ROOFING SYSTEM
- REFER TO MECHANICAL & ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR DISCONNECTION, AND REINSTALLATION OF ANY MECHANICAL AND ELECTRICAL SERVICES, TYPICAL.
- VAPOUR BARRIER TO BE LAPPED & SEALED CONTINUOUSLY.
- ALL NEW PREFINISHED METAL TO BE PRE-FINISHED AND COLOURED TO MATCH EXISTING, COLOUR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLOUR RANGE, TYPICAL.
- SBS MEMBRANE COLOUR BROWN, COLOUR TO BE SELECTED FROM MANUFACTURER'S STANDARD COLOUR RANGE.
- ALL NEW WOOD/LUMBER PRODUCTS TO BE PRESSURE TREATED, TYPICAL.
- CONTRACTOR UPON COMPLETION SHALL MAKE GOOD ALL LANDSCAPED AREAS, GRASS, SHRUBS, GRAVEL, CONCRETE, & PAVING WHERE DISTURBED OR DAMAGED TO AT LEAST AS GOOD PER EXISTING STATE.

