

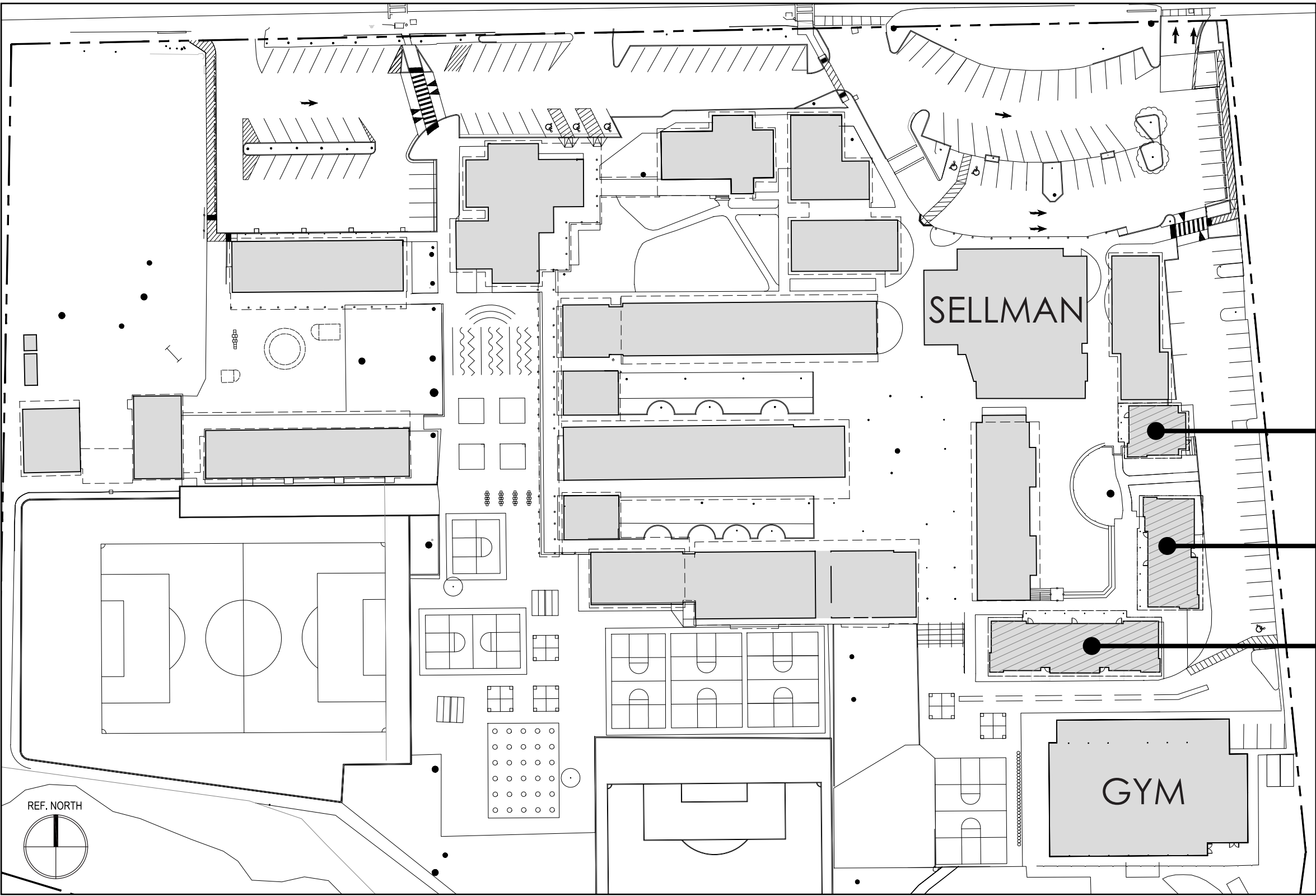
MIDDLE SCHOOL ROOFING BUILDING S, T, & U

WOODSIDE ELEMENTARY SCHOOL DISTRICT
NOVEMBER 9, 2016



murakami / **Nelson**
ARCHITECTURAL / CORPORATION

WOODSIDE ROAD



BUILDING U

BUILDING T

BUILDING S



- BUILT IN 2001 / 2002
- EXISTING CONDITIONS
- CATHEDRAL CEILINGS
- NO ATTIC
- VENT HOLES AT EAVES
- CODE
- VENTILATION OF ENCLOSED RAFTER SPACES CODE REQ. CBC 1203.2
- DEFICIENCIES
- NO RIDGE VENT
- NO AIR GAP ABOVE INSUL.
- VENT HOLES BLOCKED
- NO AIR CIRCULATION

EXISTING CONDITIONS



DRY ROT BUILDING S



DRY ROT BUILDING U



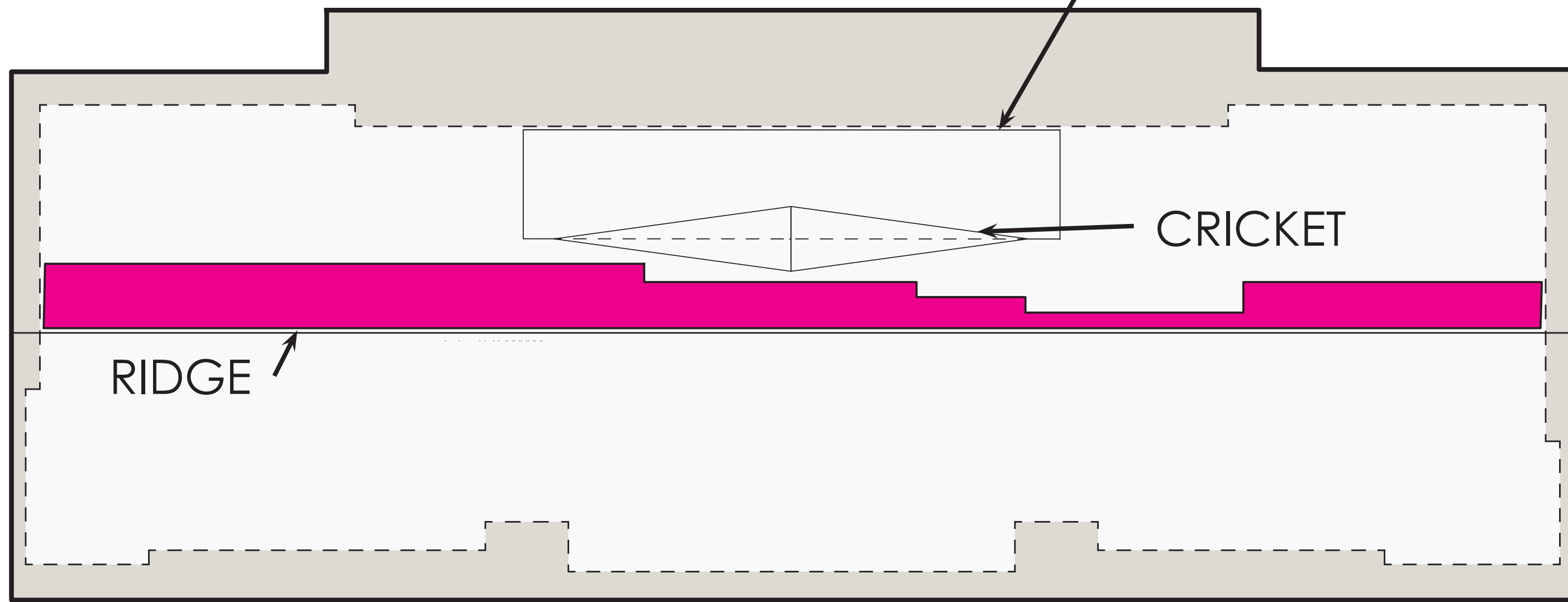
BUILDING
S

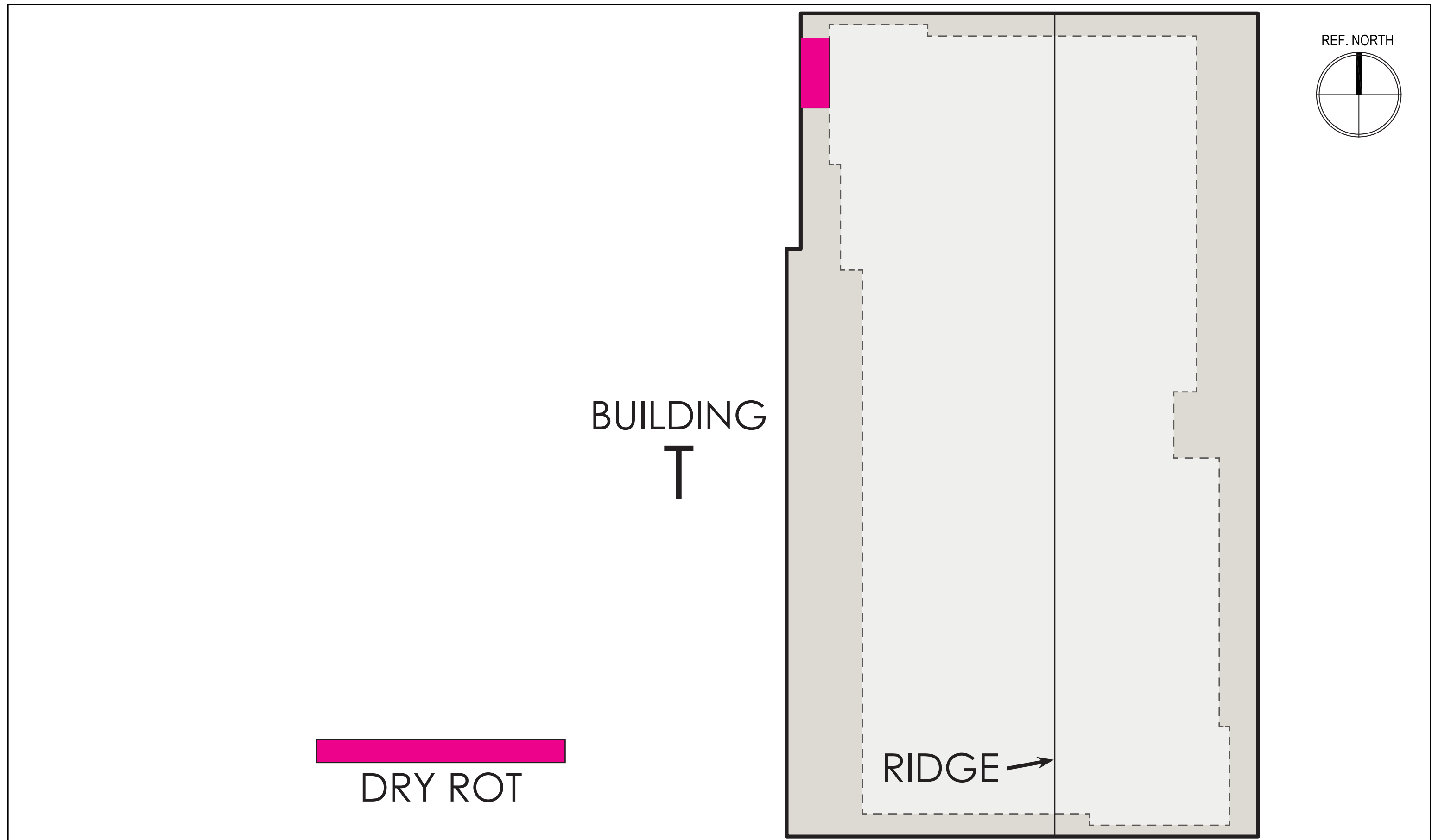
CLERESTORY

CRICKET

RIDGE

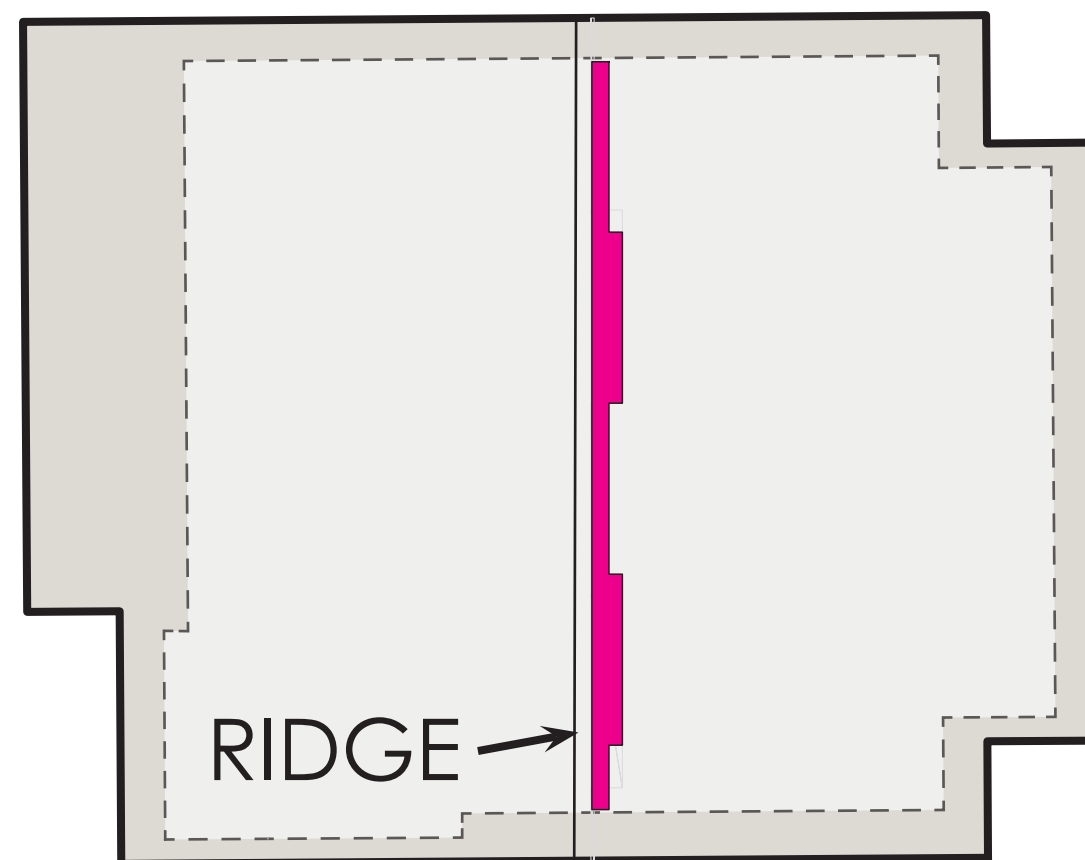
DRY ROT





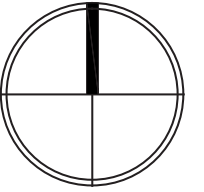


BUILDING U




DRY ROT

REF. NORTH



BUILDING
S

CLERESTORY

CRICKET

RIDGE

BASE BID (LIMIT OF NEW
ROOFING)



RIDGE VENT



PLYWOOD



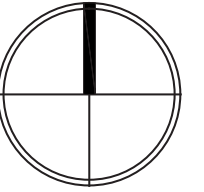
ROOFING



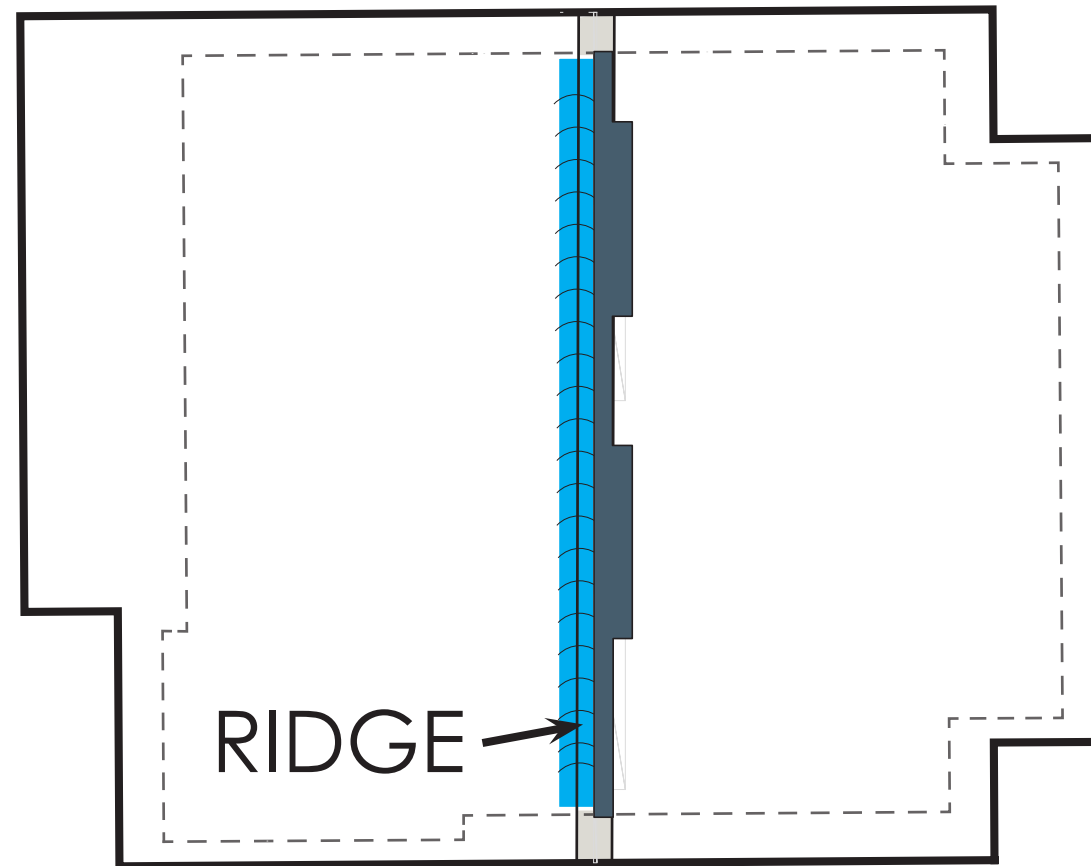
RAFTERS

CONCEPTUAL REPAIRS | BUILDING S ROOF DIAGRAM
ADD ALTERNATE #1 - REROOF ENTIRE BUILDING

REF. NORTH



BUILDING U



RIDGE



RIDGE VENT

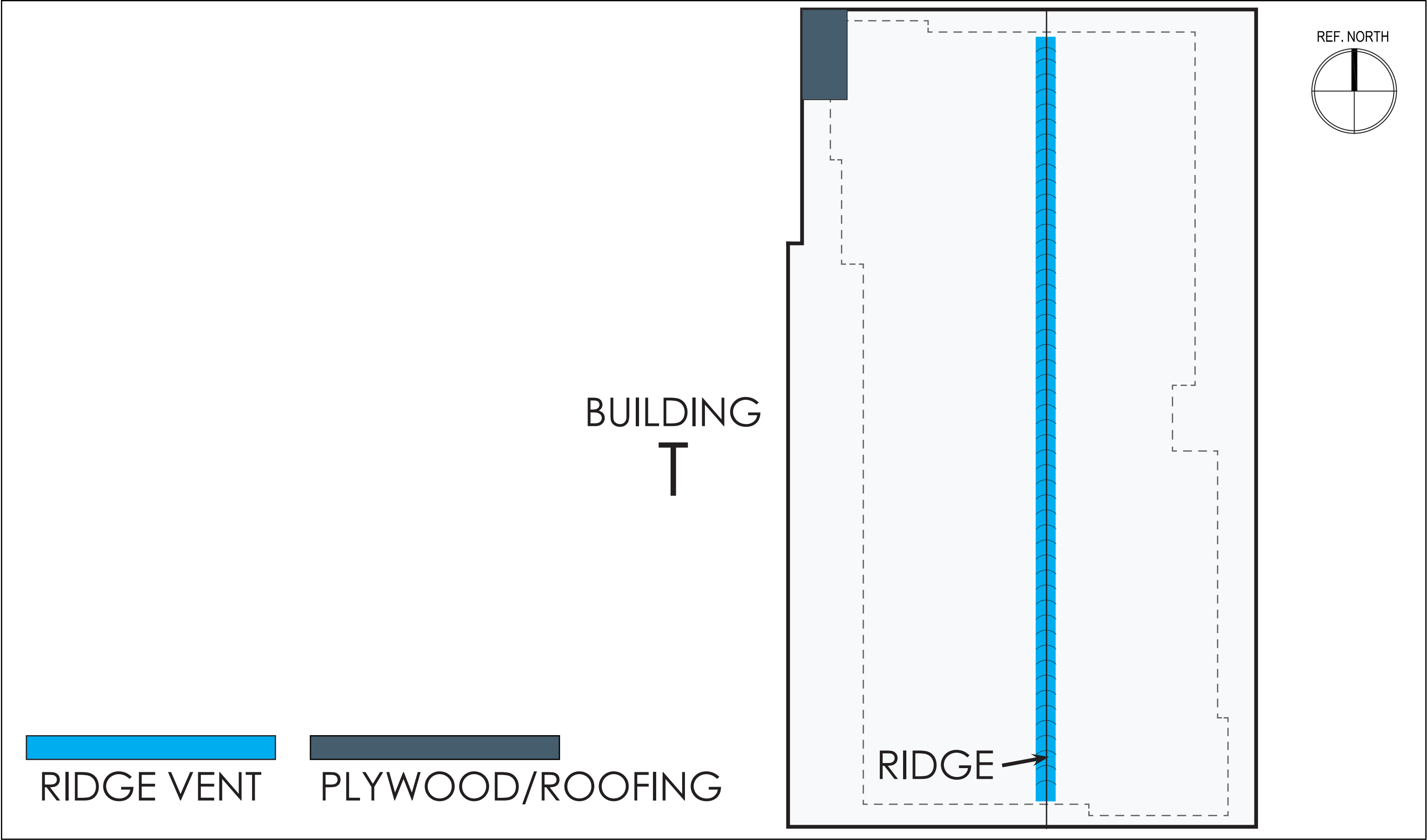


PLYWOOD



ROOFING

CONCEPTUAL REPAIRS | BUILDING U ROOF DIAGRAM
ADD ALTERNATE #2



CONCEPTUAL REPAIRS | BUILDING T ROOF DIAGRAM
ADD ALTERNATE #3

REQUIRED WORK

- REMOVE ROOFING AT DRY-ROT AREAS
- REMOVE DAMAGED WOOD
- “SISTER” DAMAGED RAFTERS
- INSTALL NEW PLYWOOD
- INSTALL (N) CONTINUOUS RIDGE VENT (S,T & U)
- RE-ROOF ONLY AT REPAIRED AREAS
- INSTALL NEW ASPHALT SHINGLES
- SAND AND REFINISH RIDGE BEAMS

CONSIDERATIONS

- *SHINGLE COLOR/PATTERN MAY NOT NOT MATCH EXISTING*
- *SPOT REPLACEMENT OF SHINGLES MAY VOID ROOFING WARRANTY*

COST ESTIMATES

BASE BID (REPAIR BUILDING S)	\$138,000
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ALT. #1 (RE-ROOF BUILDING S)	\$46,000
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ALT. #2 (REPAIR BUILDING U)	\$17,000
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ALT. #3 (REPAIR BUILDING T)	\$21,000
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CONSTRUCTION BUDGET (BASE BID AND ALTERNATES):	\$222,000
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NEXT STEPS

- MEET WITH DSA TO REVIEW CODE - REQUIRED IMPROVEMENTS
- CD'S BY END OF JANUARY
- SUBMIT TO DSA END OF JANUARY
- APPLY TO DSA FOR EXPEDITED REVIEW
- BID PROJECT APRIL 2017
- CONSTRUCTION SUMMER 2017