





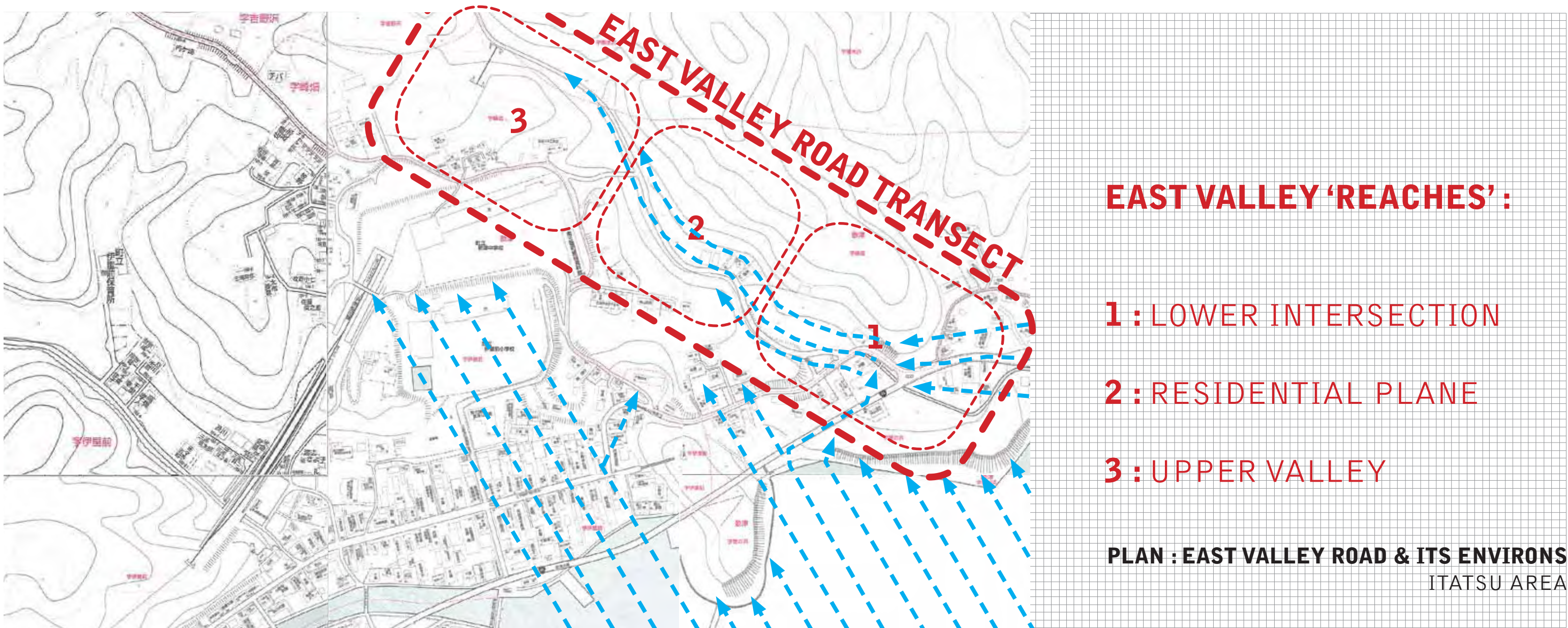
POSSIBILITIES:

- > **DIRECT FUTURE LINK** | DEPENDENT ON FUTURE SETTLEMENT
- > **TRANSPORT VIADUCT** | DIRECT MOVEMENT OF PEOPLE/WATER
- > **SECLUDED FOREST ECOSYSTEM** | COOL BREEZES, LOWER TEMPS

LIMITS:

- > **PARTIAL PROTECTION** | VULNERABLE TO FLOODING FROM TSUNAMIS, TYPHOONS, MONSOONS
- > **SMALL BUILDABLE AREA** | LIMITED FLAT LAND, STEEP WOODED SLOPES
- > **PERCEPTUAL DISCONNECTION** | VISUALLY, GEOGRAPHICALLY ISOLATED

SITE TRANSECT : **EAST VALLEY ROAD**



Description
(i.e. slopes, vegetation zones vs. urbanized, etc.)

The East Valley Road transect runs SE to NW on the East Side of the Ishotomae Area of the town of Utatsu, Japan. About 600m long (though the entire length is ~2000m) and fluctuating between ~40-60m wide, the road is essentially a shallow valley (with a ~1-5 degree incline) flanked by ~30-45 degree slopes with scalable walls of ~40m on either side, heavily forested with ~20m tall Cedar and other various deciduous trees, and small scale underbrush.

Inventory along Transect

Eight single/double storey residential (?) building foundations remain on this transect. All structures above foundations have been completely destroyed. Two single/double storey commercial (?) building foundations remain. All structures above foundations have been completely destroyed.

Man-made concrete drainage infrastructure. ~3m tall x 2m wide cross section, with smaller tributaries from hills above. Drainage is all intact.

Above-ground power lines remain with minimal damage.

Site Analysis

Possibilities:

- (5) Vital Future Link... (Dependent on hillside activation)
- (7) Current Support Viaduct... (Moving both people and water)
- (5) Secluded Forest... (Ecosystem)

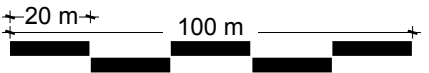
Limits:

Limited buildable land
Vulnerability from Monsoon flooding?

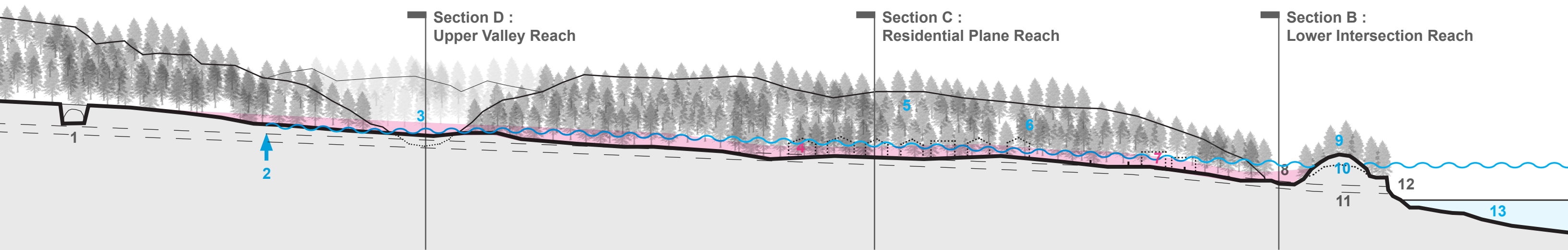
3B / Transects through the Site

3/11 Tsunami High Mark

- X Building Damage Related
- X Water / Nature Related
- X Infrastructure Related



Approximate Scale



- 1 Japan-Rail Tunnel
- 2 Tsunami High Water / Debris Mark
- 3 Connecting Valley / Ravine (Beyond)
- 4 Demolished Residential Buildings
- 5 Slopes with Planted Cedar Forests
- 6 Scalable 30-45° Slopes
- 7 Demolished Commercial
- 8 Highway Bypass
- 9 Natural Embankment / Tsunami Barrier

- 10 Partial Failure of Natural Barrier (Dashed)
- 11 Concrete Drainage
- 12 Concrete Tsunami Barrier (6m)
- 13 Pacific Ocean

SECTION A : LONGITUDINAL EAST VALLEY
LOOKING NORTHEAST

Description
(i.e. slopes, vegetation zones vs. urbanized, etc.)

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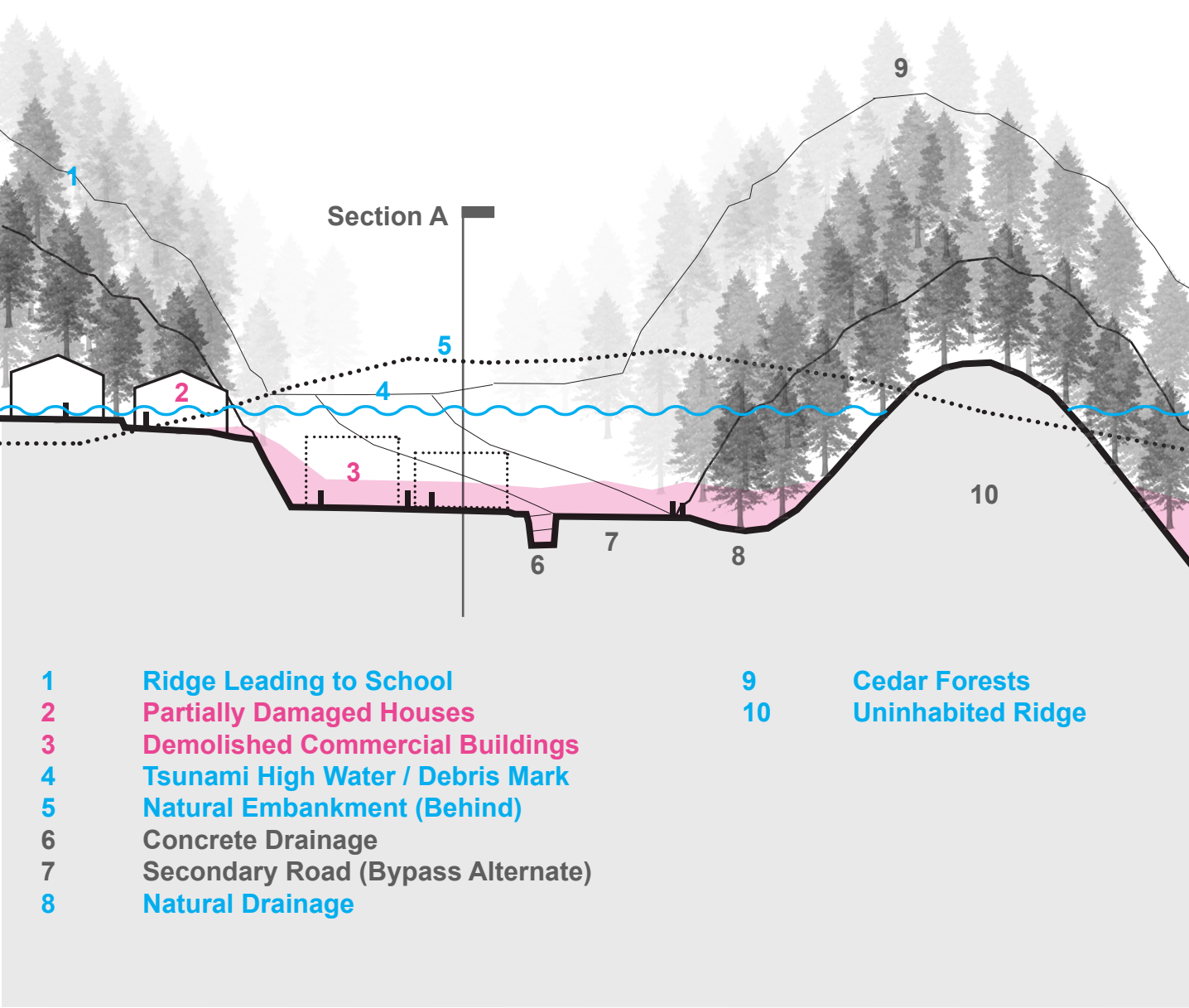
Limits:

- Limited buildable land
- Vulnerability from Monsoon flooding?

3B / Transects through the Site

- Debris Fields
- 3/11 Tsunami High Mark
- Building Damage Related
- Water / Nature Related
- Infrastructure Related

Approximate Scale



SECTION B : THE LOWER INTERSECTION
LOOKING NORTHWEST

Description
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Above-ground power lines remain with minimal damage.

Site Analysis

Possibilities:

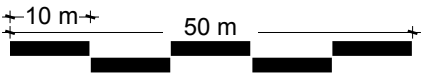
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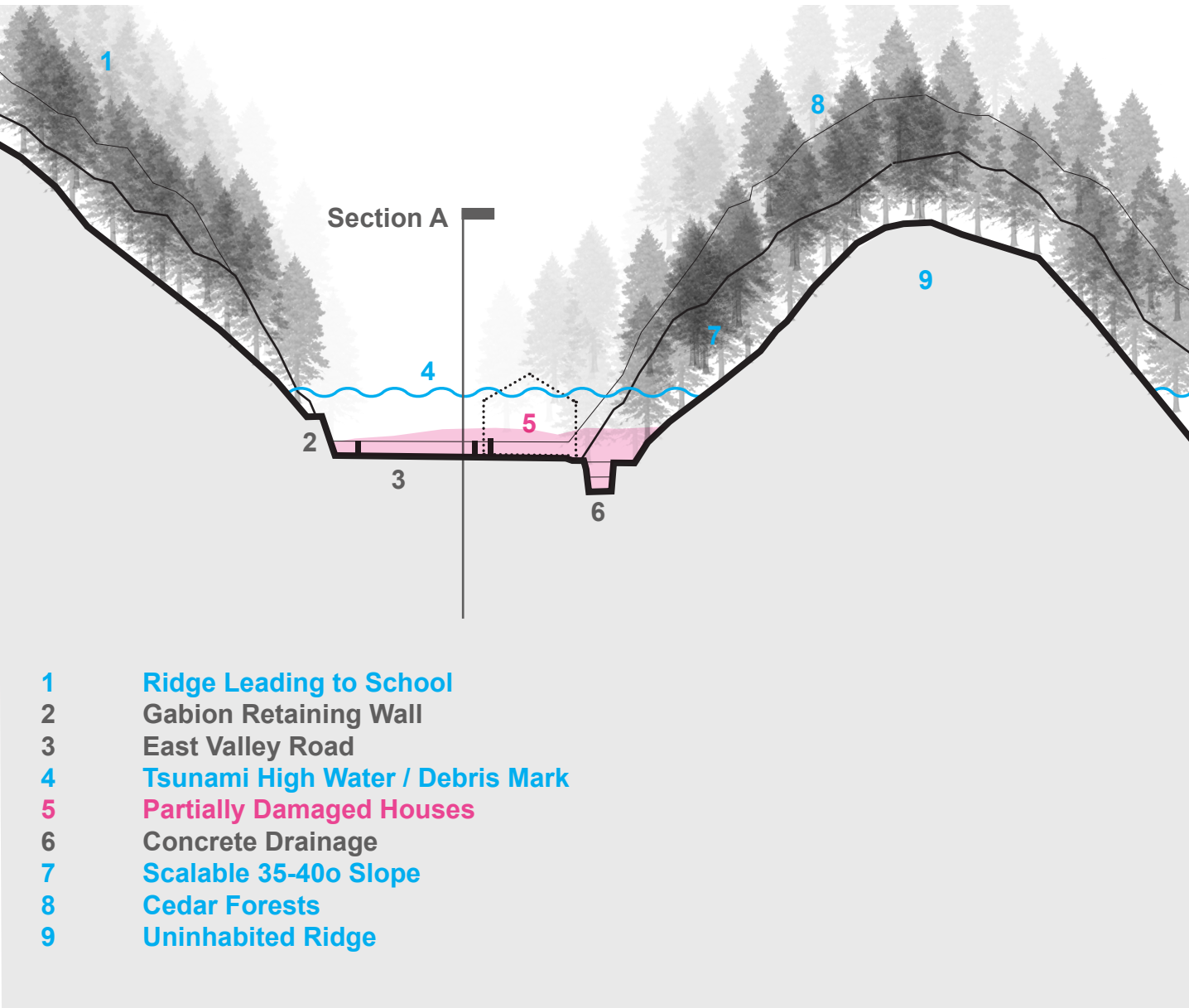
Limited buildable land
Vulnerability from Monsoon flooding?

3B / Transects through the Site

- Debris Fields
- 3/11 Tsunami High Mark
- X** Building Damage Related
- X** Water / Nature Related
- X** Infrastructure Related



Approximate Scale



SECTION C : THE RESIDENTIAL PLANE
LOOKING NORTHWEST

Description
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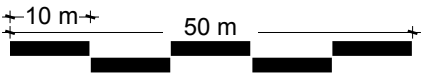
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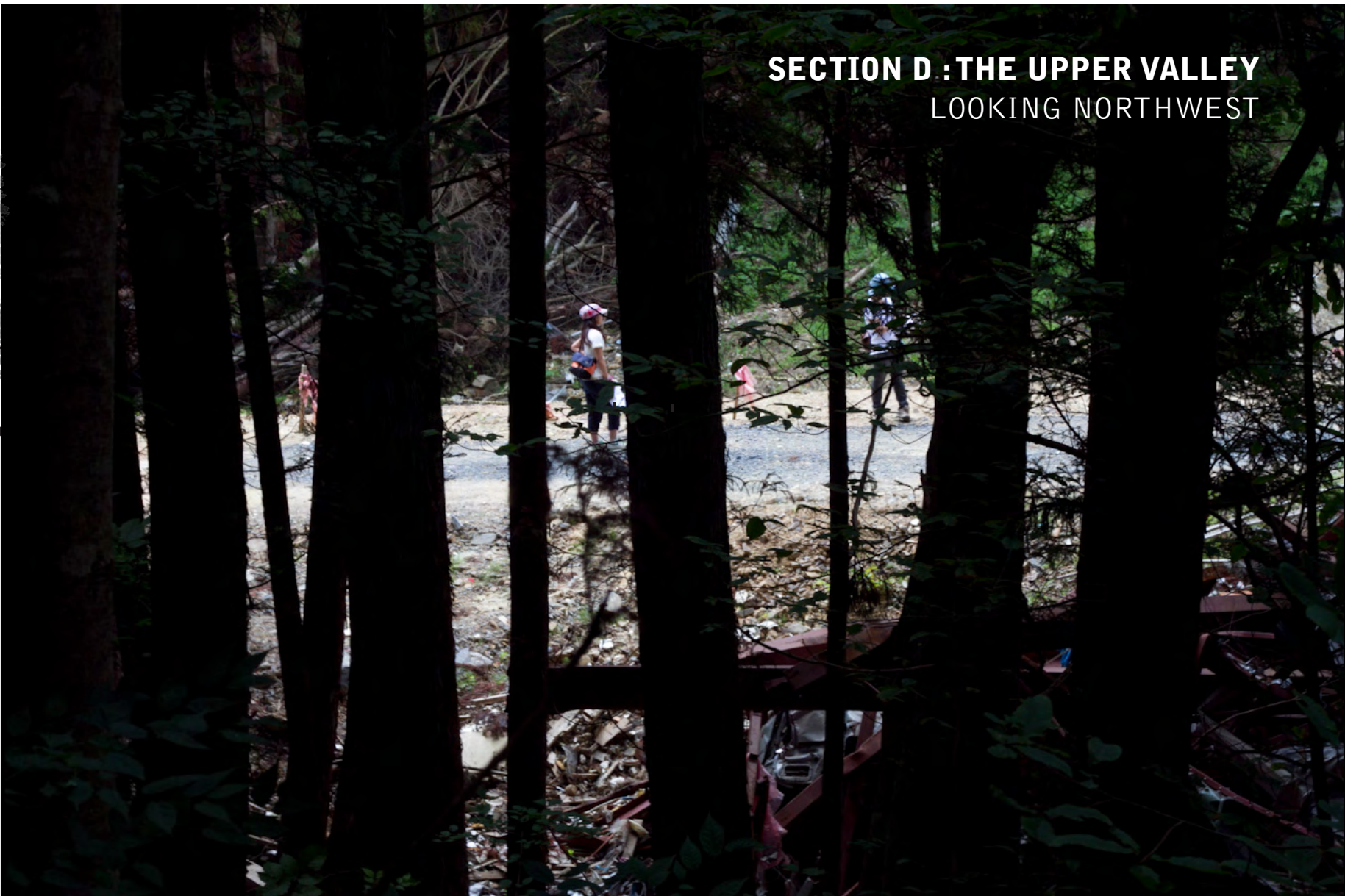
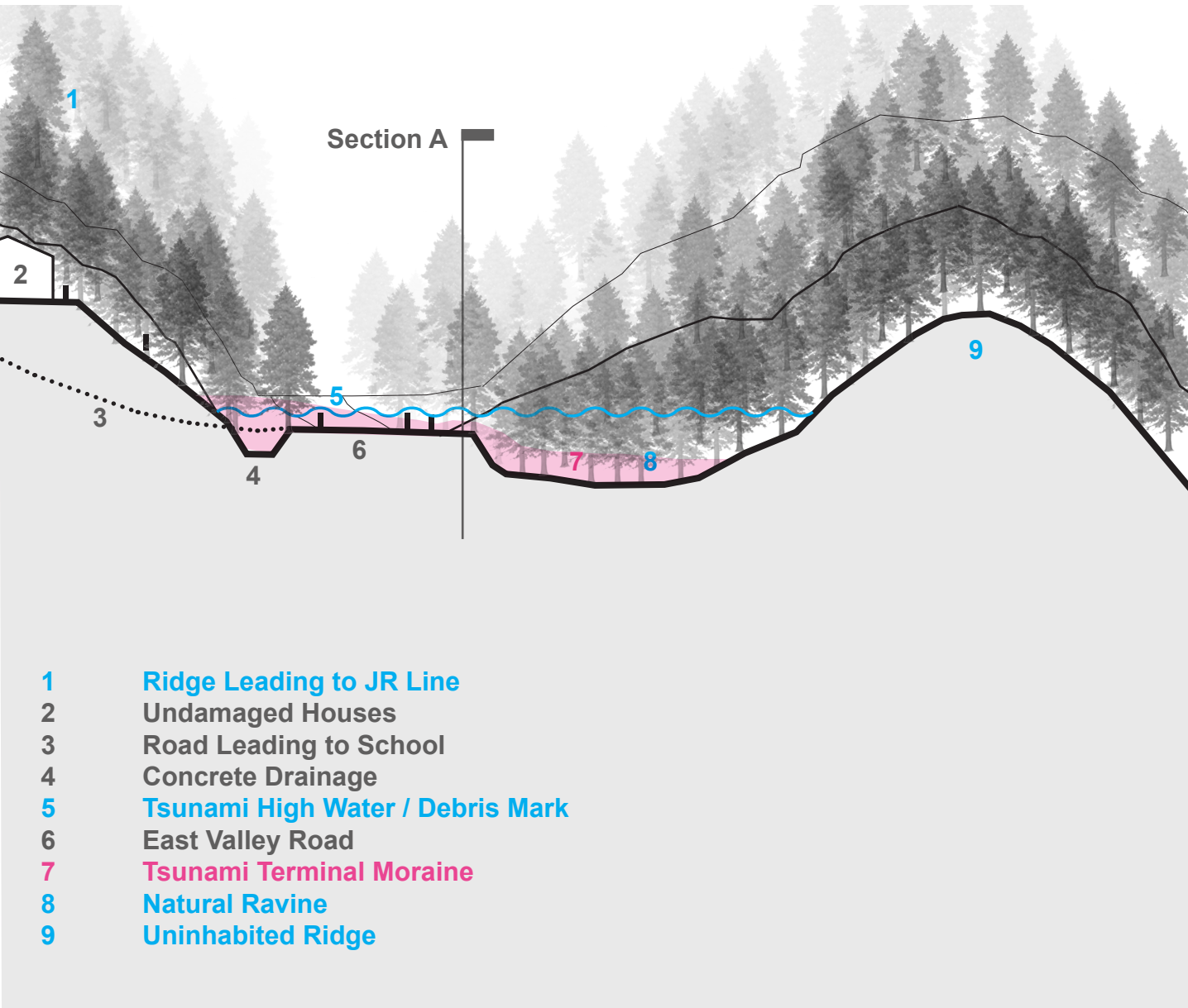
Limited buildable land
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Approximate Scale



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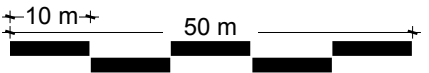
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through the Site

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