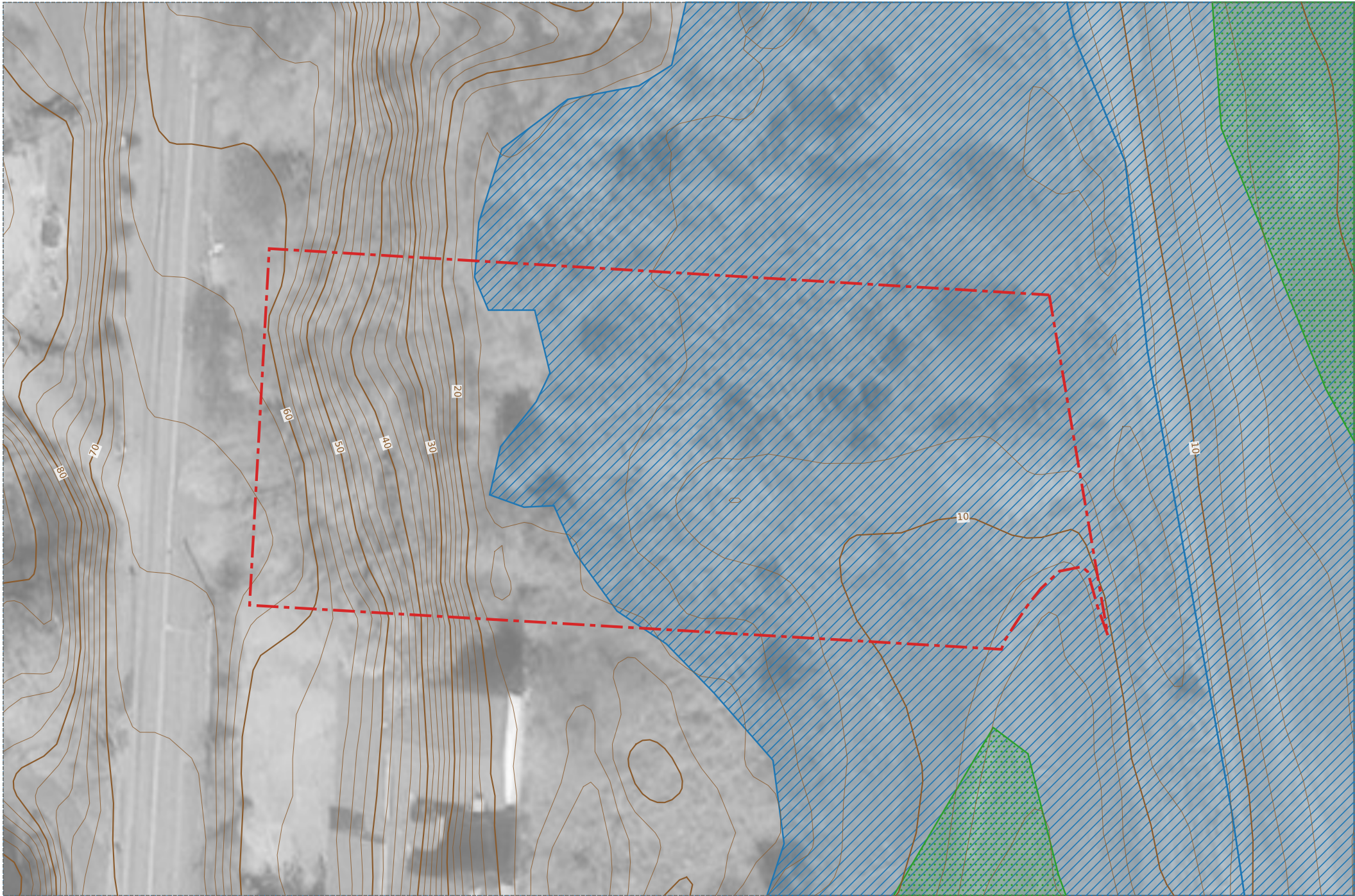




Imagery: Esri, Vantor, Earthstar Geographics, and the GIS User Community

BASE PLAN

APN 09590003000 (440 WEST BAY DR NW,
OLYMPIA, WA)

County: Thurston
APN: 09590003000
Buffer: 100 ft around parcel
Coordinates: NAD83(HARN) / Washington South (US survey ft)
Elevations: US survey ft, NAVD88
Prepared 2026-10-19 (automated)

LEGEND

- - - Tax parcel (assessor)
- - - - - Data extent
- Major contour (10 ft)
- Minor contour (2 ft)
- FEMA 1% floodplain (SFHA)
- FEMA other zone boundary
- NWI wetland / water

SCALE 1" = 50'
at 17 x 11 in. Do not scale if printed smaller.

DATA SOURCES

Tax parcel: Current annual compilation (WA Parcels Project)

Topography (LiDAR DEM): WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)

Aerial imagery: Captured 2025-04-14, Vantor Vivid Advanced (WV02), 0.5 m, stated accuracy 8.47 m

Soils (SSURGO): Survey area WA667 version 2026-09-08

FEMA flood hazard zones: FIRM panel(s) 53067C0166G eff. 2024-05-08

Wetlands (NWI): Varies by project area; most WA mapping derives from 1980s-2010s imagery



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SLOPE ANALYSIS

APN 09590003000 (440 WEST BAY DR NW,
OLYMPIA, WA)

County: Thurston
APN: 09590003000
Buffer: 100 ft around parcel
Coordinates: NAD83(HARN) / Washington South (US survey ft)
Elevations: US survey ft, NAVD88
Prepared 2026-10-19 (automated)

LEGEND

- 0-5% slope
- 5-15% slope
- 15-25% slope
- 25%+ slope
- Tax parcel (assessor)

SCALE 1" = 50'

at 17 x 11 in. Do not scale if printed smaller.

DATA SOURCES

Tax parcel: Current annual compilation (WA Parcels Project)

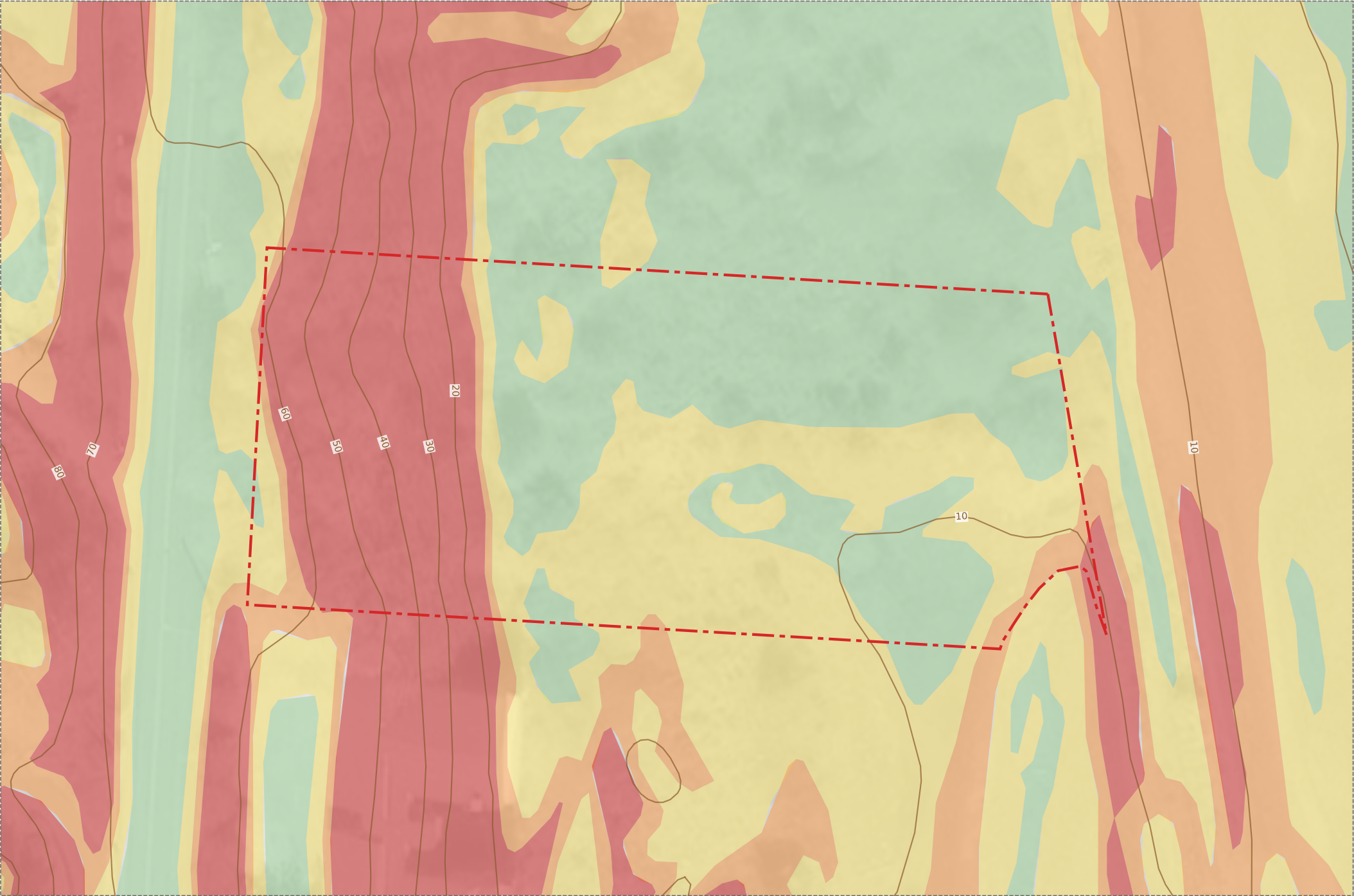
Topography (LiDAR DEM): WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)

Aerial imagery: Captured 2025-04-14, Vantor Vivid Advanced (WV02), 0.5 m, stated accuracy 8.47 m

Soils (SSURGO): Survey area WA667 version 2026-09-08

FEMA flood hazard zones: FIRM panel(s) 53067C0166G eff. 2024-05-08

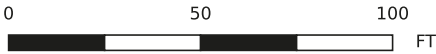
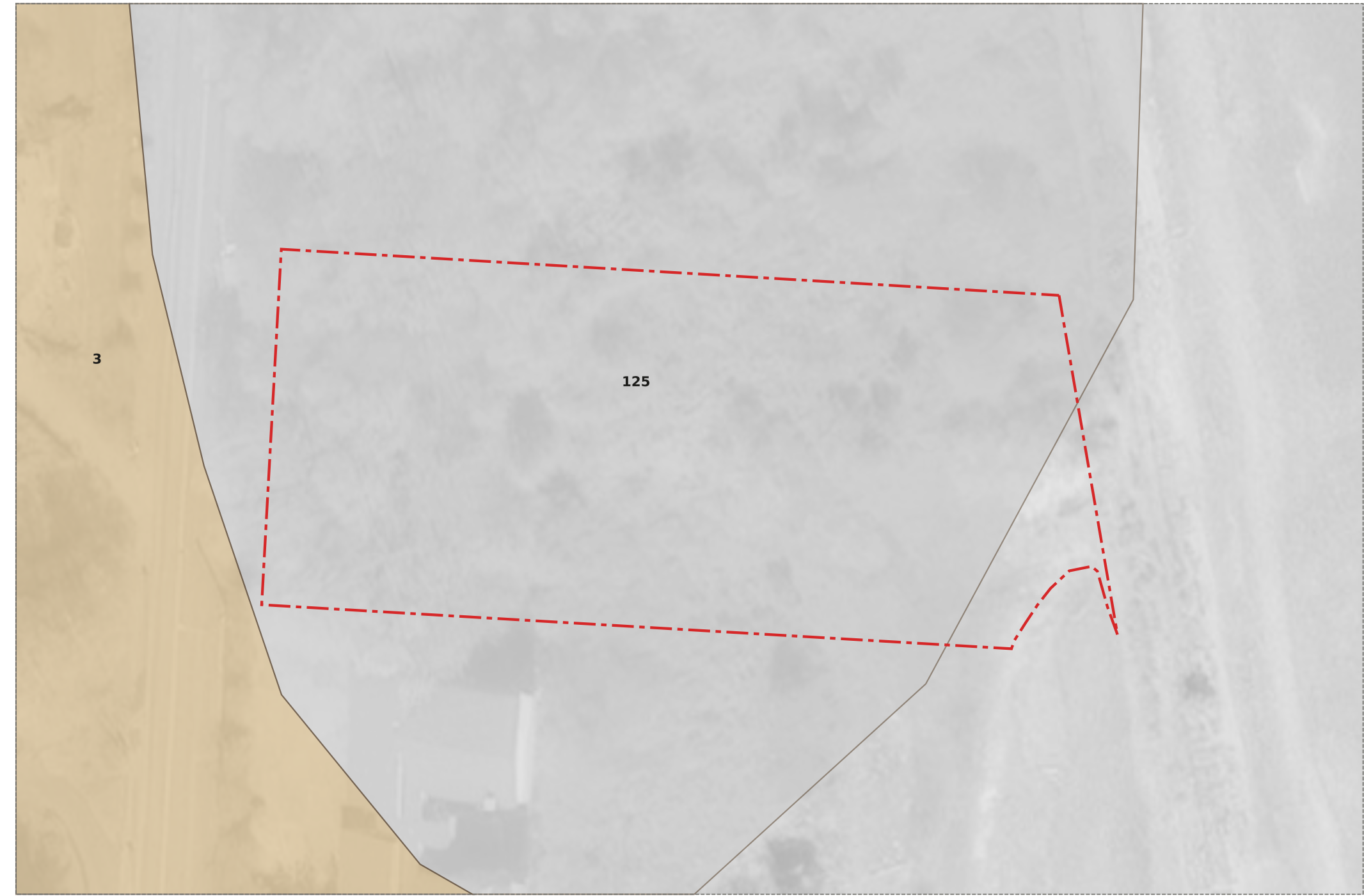
Wetlands (NWI): Varies by project area; most WA mapping derives from 1980s-2010s imagery



Imagery: Esri, Vantor, Earthstar Geographics, and the GIS User Community

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MAP UNITS
125 Xerorthents, 0 to 5 percent slopes [HSG -, Somewhat excessively drained, hydric 0%]
3 Alderwood gravelly sandy loam, 15 to 30 percent slopes [HSG B, Moderately well drained, hydric 5%]



Imagery: Esri, Vantor, Earthstar Geographics, and the GIS User Community

SOILS (SSURGO)

APN 09590003000 (440 WEST BAY DR NW,
OLYMPIA, WA)

County: Thurston
APN: 09590003000
Buffer: 100 ft around parcel
Coordinates: NAD83(HARN) / Washington South (US survey ft)
Elevations: US survey ft, NAVD88
Prepared 2026-10-19 (automated)

LEGEND

- Hydrologic group A
- Hydrologic group B
- Hydrologic group C
- Hydrologic group D
- Tax parcel (assessor)

SCALE 1" = 50'

at 17 x 11 in. Do not scale if printed smaller.

DATA SOURCES

Tax parcel: Current annual compilation (WA Parcels Project)

Topography (LiDAR DEM): WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)

Aerial imagery: Captured 2025-04-14, Vantor Vivid Advanced (WV02), 0.5 m, stated accuracy 8.47 m

Soils (SSURGO): Survey area WA667 version 2026-09-08

FEMA flood hazard zones: FIRM panel(s) 53067C0166G eff. 2024-05-08

Wetlands (NWI): Varies by project area; most WA mapping derives from 1980s-2010s imagery



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SITE FINDINGS AND DATA SOURCES

APN 09590003000 (440 WEST BAY DR NW, OLYMPIA, WA) | Thurston County | APN 09590003000

Geocoded by: parcel number lookup. Parcel from: Current Parcels (Washington State Parcels Project) (WaTech Geospatial Program Office (WA Geospatial Portal)). Coordinates: NAD83(HARN) / Washington South (US survey ft) (EPSG:2927).

FLAGS

ALERT	Parcel intersects the mapped 1%-annual-chance floodplain (FEMA Zone AE): about 30,893 sq ft (65% of parcel). Static BFE 15 ft.
ALERT	24% of the parcel is 25%+ slope. Many jurisdictions regulate slopes of 40%+ (and often 15-40%) as geologic hazard areas; check the local critical-areas or steep-slope code.
CAUTION	NWI wetland/water mapped within 100 ft (Estuarine and Marine Wetland). Regulatory buffers can extend onto the parcel.
INFO	Parcel area 47,348 sq ft (1.09 ac) per assessor GIS geometry.
INFO	Elevation on parcel: 6.7 to 64.3 ft NAVD88 (relief 57.6 ft).
INFO	Median slope on parcel 6.4%.
INFO	Dominant soil: 125 Xerorthents, 0 to 5 percent slopes (hydrologic group n/a, Somewhat excessively drained).

LAYERS: STATUS, RESOLUTION, VINTAGE

Tax parcel Current Parcels (Washington State Parcels Project) (WaTech Geospatial Program Office (WA Geospatial Portal)) Resolution: Assessor tax-lot mapping; typical positional error 5-50 ft, worse in rural areas Vintage: Current annual compilation (WA Parcels Project)	OK
Topography (LiDAR DEM) USGS 3D Elevation Program (3DEP) best-available DEM, ImageServer exportImage Resolution: Source 1 m (USGS one meter x50y522 WA Western South 2016); resampled to 3.0 ft grid Vintage: WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)	OK
Aerial imagery Esri World Imagery (Vantor/Maxar, Earthstar Geographics, local contributors) via ArcGIS Online Resolution: Source 0.5 m; exported at 1.00 ft/pixel Vintage: Captured 2025-04-14, Vantor Vivid Advanced (WV02), 0.5 m, stated accuracy 8.47 m	OK
Soils (SSURGO) USDA NRCS Soil Survey Geographic Database (SSURGO) via Soil Data Access Resolution: Soil survey mapping scale 1:12,000-1:24,000; map units contain inclusions Vintage: Survey area WA667 version 2026-09-08	OK
FEMA flood hazard zones FEMA National Flood Hazard Layer (NFHL), layer 28 Flood Hazard Zones Resolution: Mapped at FIRM scale (typically 1:6,000-1:24,000); boundaries are approximate Vintage: FIRM panel(s) 53067C0166G eff. 2024-05-08	OK
Wetlands (NWI) USFWS National Wetlands Inventory, Wetlands layer Resolution: Photo-interpreted at ~1:24,000; minimum mapping unit commonly 0.5-5 acres Vintage: Varies by project area; most WA mapping derives from 1980s-2010s imagery	OK
Contours (2 ft) Derived from 3DEP DEM Resolution: 2 ft interval, majors every 10 ft Vintage: WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)	OK
Slope analysis Derived from 3DEP DEM Resolution: 3.0 ft cells; regions under 200 sq ft merged into neighbours Vintage: WA_Western_WA_QL1_LiDAR_2016_B16 (collected 2016-03-17 to 2017-05-28, QL 1, source GSD unknown)	OK

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