OVERNIGHT US PRODUCTION PARTNER · GEOSPATIAL CGI & EDITORIAL CARTOGRAPHY

4K Geospatial Terrain Context & *Archival Cartography*.

We partner silently behind US creative agencies, real estate visualization studios, and commercial production houses to deliver physically accurate 120 km USGS 3DEP / NAIP 3D terrain plates, masterplan site-context sequences, and bespoke 300 DPI shaded-relief monograph maps — rendered overnight from UTC+3.

- 16-BIT MULTI-LAYER EXR (ACESCG)
- APPLE PRORES 422 HQ & 4444 ALPHA
- LIVE-AERIAL 3D MATCHMOVE
- GEOREFERENCED FBX / ABC / USD
- 300 DPI VECTOR RELIEF MAPS
- 100% WHITE-LABEL · MUTUAL NDA

Engineered to drop cleanly into your studio pipeline.

Your core artists stay focused on hero architecture, interiors, and editorial cut — Bramcroft handles the heavy geospatial data ingestion, 120 km dual-LOD topography, procedural biome horizons, tracked callout mattes, and print cartography.

01 · GEOSPATIAL DATA & CAD INGESTION

Precision US & Global Spatial Inputs

- Accepts client **KML, KMZ, GeoJSON, Esri Shapefiles, DXF**, Land id® exports, drone GPS telemetry & custom orthomosaics.
- Public-domain **USGS 3DEP 1/3 arc-sec DEM** & **0.6 m USDA NAIP** imagery — zero Google Earth or Mapbox watermarks or license traps.
- Strict single-datum projection hygiene (e.g., **NAD83 / UTM · EPSG:26912**) with zero guessed boundaries.
- Seamless 120 km Dual-LOD infinite horizons with procedural rock/timber biome shading — zero floating slab edges.

STACK: QGIS · GDAL · PYPROJ · PYTHON · CYCLES GPU

02 · VFX, COMPOSITING & 3D INTERCHANGE

Multi-Pass Renders & Scene Handoff

- **16-Bit Multi-Layer OpenEXR** (ACEScg or Linear Rec.709) with Z-Depth, Mist, Cryptomatte, Shadow Catcher & Boundary Alpha AOVs.
- **Apple ProRes 422 HQ (10-bit 4:2:2)** clean plates + **ProRes 4444** straight-alpha boundary & callout overlay passes.
- Georeferenced camera & terrain mesh interchange (**.fbx, .abc, .usd, 32-bit GeoTIFF/EXR DEM**) for 3ds Max, Maya, Houdini, UE5 & Nuke.
- 24 / 30 fps frame-verified stability (zero sub-pixel jitter or temporal boiling, clean edit handles).

TARGETS: NUKE · AE · RESOLVE · PREMIERE · UE5 / MAX

03 · COMMERCIAL TERMS & WHITE-LABEL GOVERNANCE

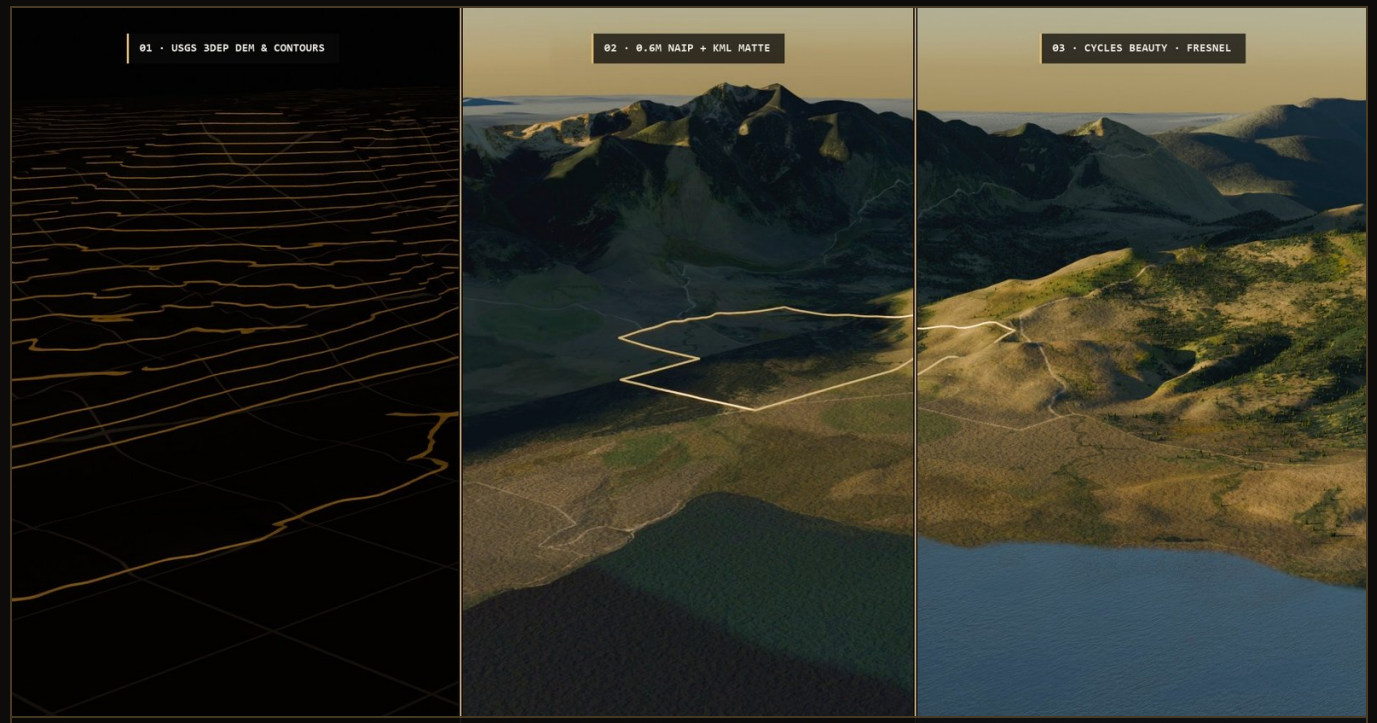
Frictionless US Agency Procurement

- **100% White-Label & Mutual Non-Solicitation NDA** — zero studio credit, zero embedded metadata, full Work-for-Hire IP transfer.
- **Overnight UTC+3 Production Desk:** written briefs dropped by US evening render overnight and land on Frame.io / Drive by morning.
- **Clean US AP Onboarding:** itemized USD invoicing via **US ACH, Wire, or Corporate Card** with signed **IRS Form W-8BEN** upfront.
- Custom project quotes or day-rate allocations tailored to agency margins — zero public retail pricing leakage.

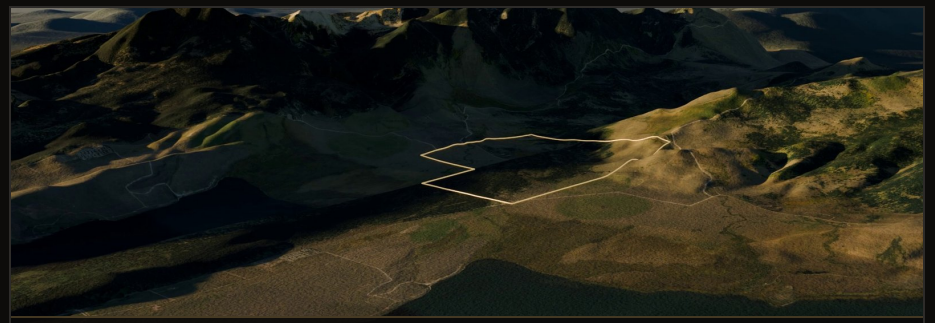
DELIVERY: FRAME.IO · GOOGLE DRIVE · DROPBOX · ASPERA

From raw elevation mesh to graded cinema plate.

Every establishing sequence is built as modular passes — giving your finishing editors full control over clean plates, KML parcel boundaries, physical Fresnel water shaders, 55,000+ GPU-instanced conifers, and 3D-projected callouts.



3-STAGE PIPELINE · PASS 01 DEM CONTOURS → PASS 02 NAIP + KML → PASS 03 CYCLES BEAUTY



PASS 02 · 0.6M USDA NAIP ORTHO + VERIFIED KML PARCEL MATTE



PASS 03 · GRADED CYCLES BEAUTY · FRESNEL WATER & 55K CONIFERS

Real-world geospatial context for masterplan massing.

Replace blurry Google Earth captures with calibrated USGS 3DEP terrain, crisp 0.6 m NAIP urban-to-mountain context, and clean architectural massing volumes casting accurate golden-hour sun shadows — ready for hero building drop-ins.



BRIDGER FOOTHILLS MASTERPLAN (MT) · ARCHITECTURAL MASSING + USGS/NAIP CONTEXT

WHY ARCHVIZ & CGI HOUSES USE THIS

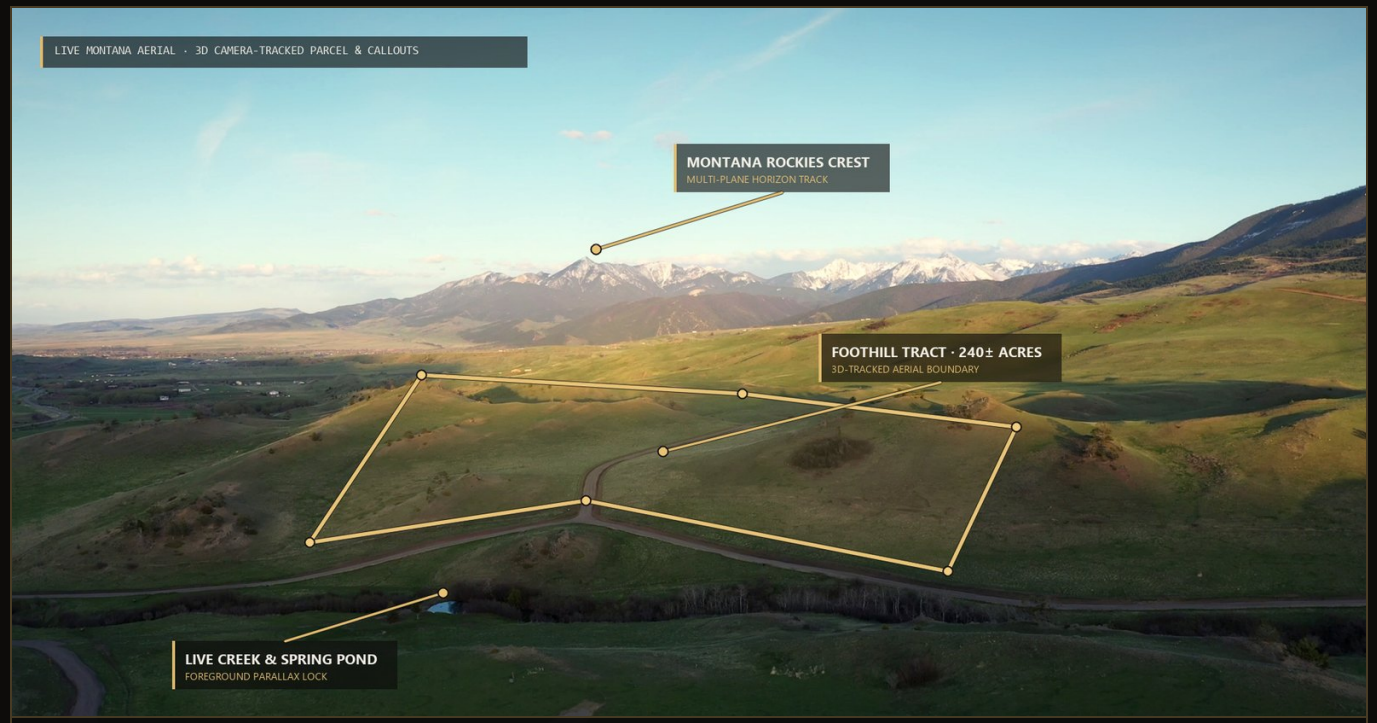
Offload the 120 km Surround

- **Instant Geographic Truth:** Aligns your Revit, Rhino, or 3ds Max architectural model directly to real elevation, solar azimuth, road corridors, and distant mountain backdrops.
- **Zero Uncanny Low-Poly Clutter:** Clean architectural alabaster/stone massing models with accurate contact shadows and optional warm glazing bands.
- **Commercial Callout Rigging:** 3D camera-tracked distance, aviation (BZN), interstate (I-90), retail, and zoning overlays delivered baked or as separate ProRes 4444 alpha passes.
- **Multi-Biome US Coverage:** Proven across alpine basins, mountain foothills, suburban growth corridors, and arid West Texas escarpments.

AVAILABLE AS FINISHED 4K PRORES PLATES OR RAW FBX/USD + EXR PACKS

Frame-locked parcel boundaries over real drone footage.

We solve real helicopter and UAS aerial plates across multiple depth planes so boundary perimeters, road corridors, creek callouts, and distant mountain pins stay physically anchored with zero 2D keyframe slide — delivered finished or as straight-alpha ProRes 4444 overlays.



REAL MONTANA 2.5K AERIAL · MULTI-PLANE 3D TRACKING · ZERO 2D DRIFT

WHY PRODUCTION HOUSES & DRONE FLEETS USE THIS

Turn Raw Footage Into Broadcast Graphics

- **Multi-Plane Depth Tracking:** Independent planar solves for foreground creeks/roads, mid-ground slopes, and distant mountain horizons preserve authentic camera parallax.
- **Sub-Pixel Antialiased Vectors:** Hairline gold parcel boundaries, corner vertices, and frosted-glass editorial callouts stay crisp across 24 / 30 fps forward pushes without stair-stepping.
- **Clean NLE Handoff:** Receive graded finished Rec.709 / D-Log masters alongside unbaked **ProRes 4444 straight-alpha overlay passes** that drop right over your raw edit.
- **Overnight Post Turnaround:** Upload raw DJI / Inspire / cinema drone clips at US close of business — review tracked composites by morning.

INPUTS: D-LOG / PRO-RES / RAW UAS + KML · OUTPUT: COMPOSITE + PRORES 4444 ALPHA

Custom Swiss-relief & vector print cartography.

Built from raw USGS 3DEP elevation data, multi-directional Imhof hillshading, smoothed vector contours, and OpenStreetMap/NHD hydrography & road networks — styled to match luxury offering memorandums, resort monographs, and developer brochures.

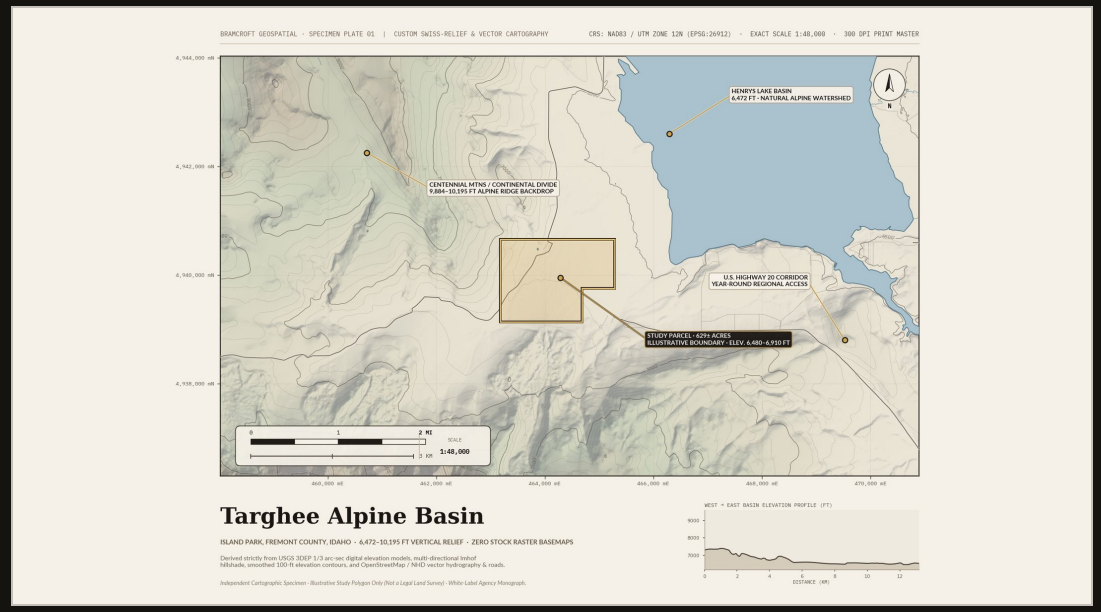


Plate 01 · Targhee Alpine Basin Monograph

EPSG:26912 · EXACT 1:48,000

Custom warm-mineral hypsometric relief, 100-ft smoothed vector contours, vector lake/highway hierarchy, calibrated Miles/KM scale bar, UTM Easting/Northing neatline, and West→East elevation cross-section profile.



Plate 02 · Gallatin Valley Masterplan Context

EPSG:26912 · EXACT 1:96,000

Minimalist architectural stone-and-charcoal location map featuring Bozeman International Airport (BZN), I-90 corridor, calibrated 3 & 6 mile radial access rings, Bridger Range relief, and clean vector cartographic key.

Brief at US close of business. Review plates by morning.

Operating from Istanbul (UTC+3) turns time-zone separation into an overnight render-farm and finishing advantage for US East, Mountain, and Pacific Coast production teams — structured asynchronously via Frame.io, Slack, Google Drive, or email.

US 5:00 PM ET / MT

01 · Written Brief Drop

Share coordinates, KML/GeoJSON/CAD footprint, target camera direction, frame rate (24/30 fps), and color pipeline (ACEScg / Rec.709) via email, Slack, or Drive.

OVERNIGHT (UTC+3)

02 · GIS Ingestion & Lookdev

USGS 3DEP / NAIP staging, single-CRS alignment, GPU Cycles lookdev frame verification, and dedicated cloud GPU rendering while your US team sleeps.

US 8:30 AM NEXT DAY

03 · Frame.io / Drive Review

Inspect high-resolution lookdev stills or timecoded review cuts asynchronously with frame-accurate revision notes and zero calendar scheduling drag.

24–48H FINAL HANDOFF

04 · Multi-Pass Master Delivery

Final 16-bit Multi-Layer EXR, ProRes 422 HQ / 4444 alpha passes, FBX/USD camera/mesh, or 300 DPI CMYK/RGB print files delivered white-label under Mutual NDA.

DIRECT PRODUCER & VENDOR DESK

hello@bramcroftstudio.com

LEAD PRODUCER: ABDURRAHIM GOZUTOK · ISTANBUL, TÜRKIYE (UTC+3) · US ACH / WIRE / CARD + IRS W-8BEN READY

PRIVATE UNPRICED SHOWREEL & SPEC PORTAL

bramcroftstudio.com/vendor/