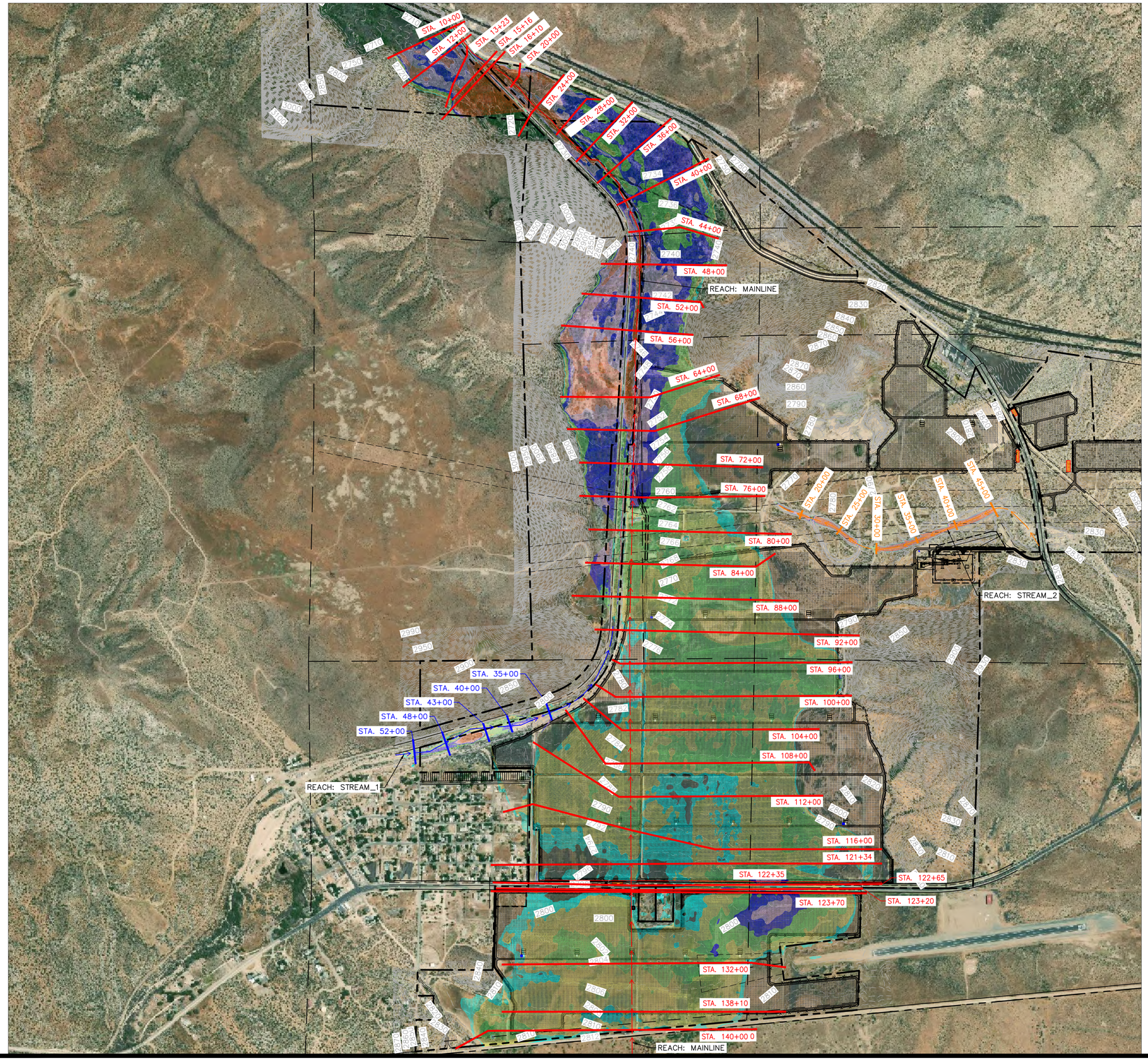
APPENDIX I

Drainage Study
JVR Energy Park
Part 3



100-YEAR FLOOD DEPTH

	FLOOD DEPTH RANGE
NOT SHOWN	< 6"
	6" – 12"
	12" – 24"
	24" – 36"
	36" – 48"
	48" – 60"
	60" – 72"
	> 72"

LEGEND:

- PROPERTY LINE
- GRADE CONTOUR
- PROPOSED CHAINLINK FENCE
- PROPOSED ROAD FLUSH WITH EXISTING GRADE

HEC-RAS SECTIONS

- MAINLINE
- STREAM_1
- STREAM_2

1. FLOOD DEPTHS HERE–ON USE HEC–RAS HYDRAULIC DATA TO SET WATER SURFACE ELEVATIONS.
2. ON–SITE/OFF–SITE FLOWS WERE FOUND USING THE HYDROLOGIC ENGINEERING CENTER'S HYDROLOGIC MODELING SYSTEM (HEC–HMS) PROGRAM.
   2.1. QMAX = 26,000 CFS.
3. LAG–TIME IS CALCULATED USING THE SAN DIEGO COUNTY HYDROLOGY MANUAL EQUATION 4–17.

NORTH

GRAPHIC SCALE IN FEET
0 300 600 1200

FIGURE 8

POST- CONDITION FLOOD INUNDATION MAP
CORP LAG TIME METHOD
100-YEAR; 24-HOUR STORM
JVR Energy Park
SAN DIEGO COUNTY, CALIFORNIA

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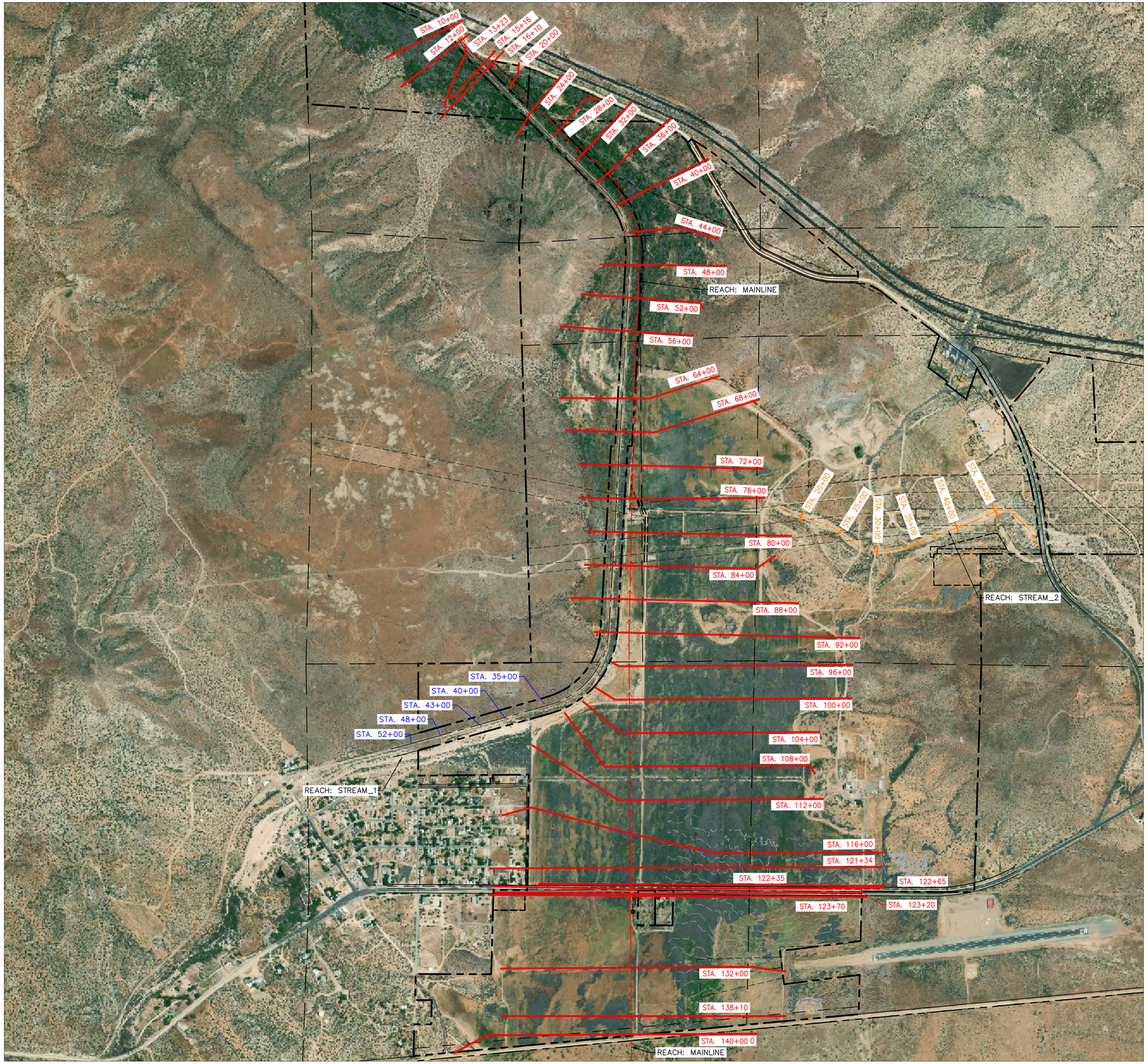

LEGEND:

PROPERTY LINE

PROPOSED CHAINLINK FENCE

HEC-RAS SECTIONS

MAINLINE

STREAM_1

STREAM_2

NORTH

GRAPHIC SCALE IN FEET
0 300 600 1200

FIGURE 9

HYDRAULIC WORKMAP
PRE-DEVELOPMENT
100-YEAR; 24-HOUR STORM
JVR Energy Park
SAN DIEGO COUNTY, CALIFORNIA

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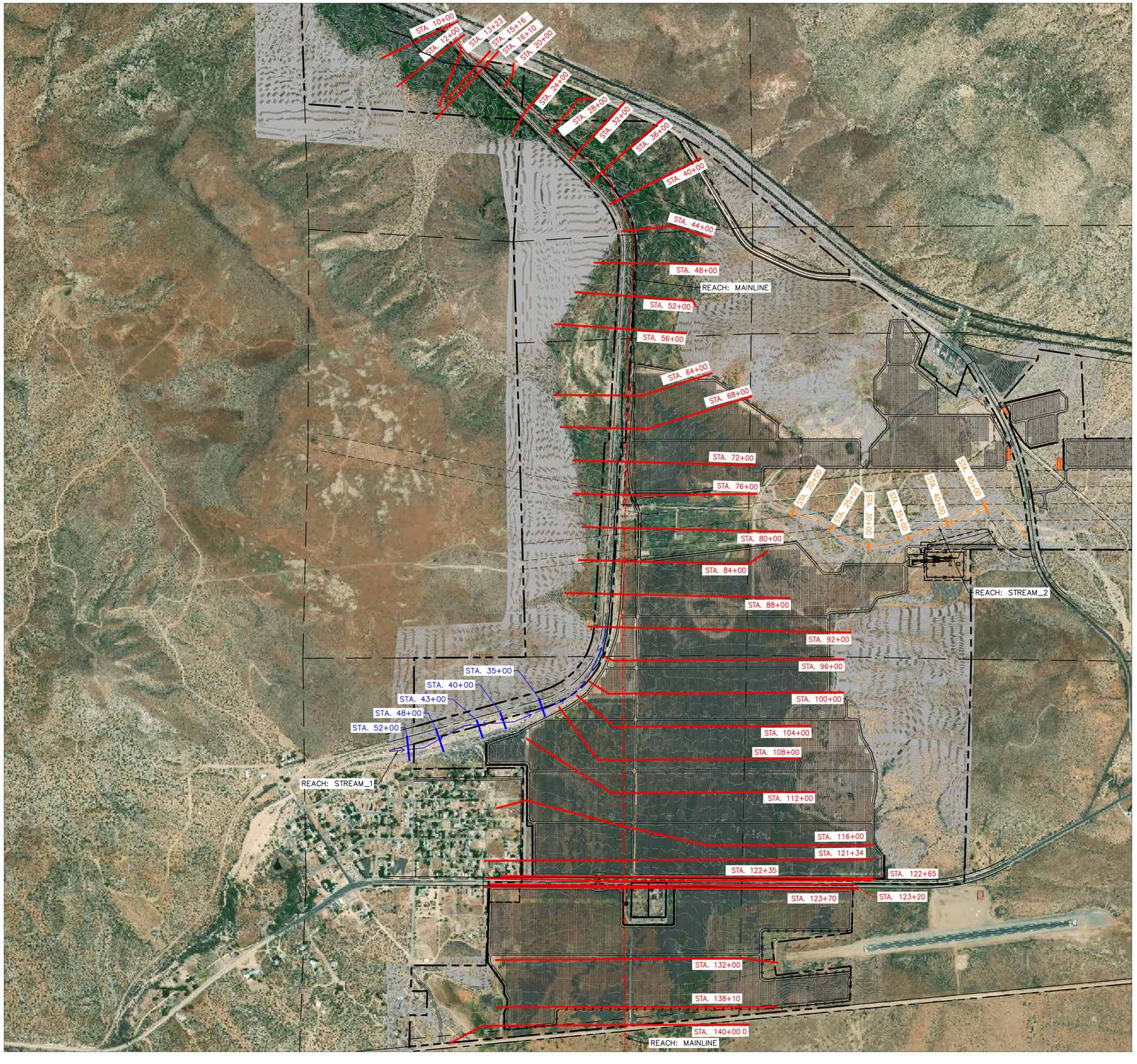

LEGEND:

PROPERTY LINE

PROPOSED CHAINLINK FENCE

HEC-RAS SECTIONS

MAINLINE

STREAM_1

STREAM_2

NORTH

GRAPHIC SCALE IN FEET
0 300 600 1200

FIGURE 10

HYDRAULIC WORKMAP
POST-DEVELOPMENT
100-YEAR; 24-HOUR STORM
JVR Energy Park
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