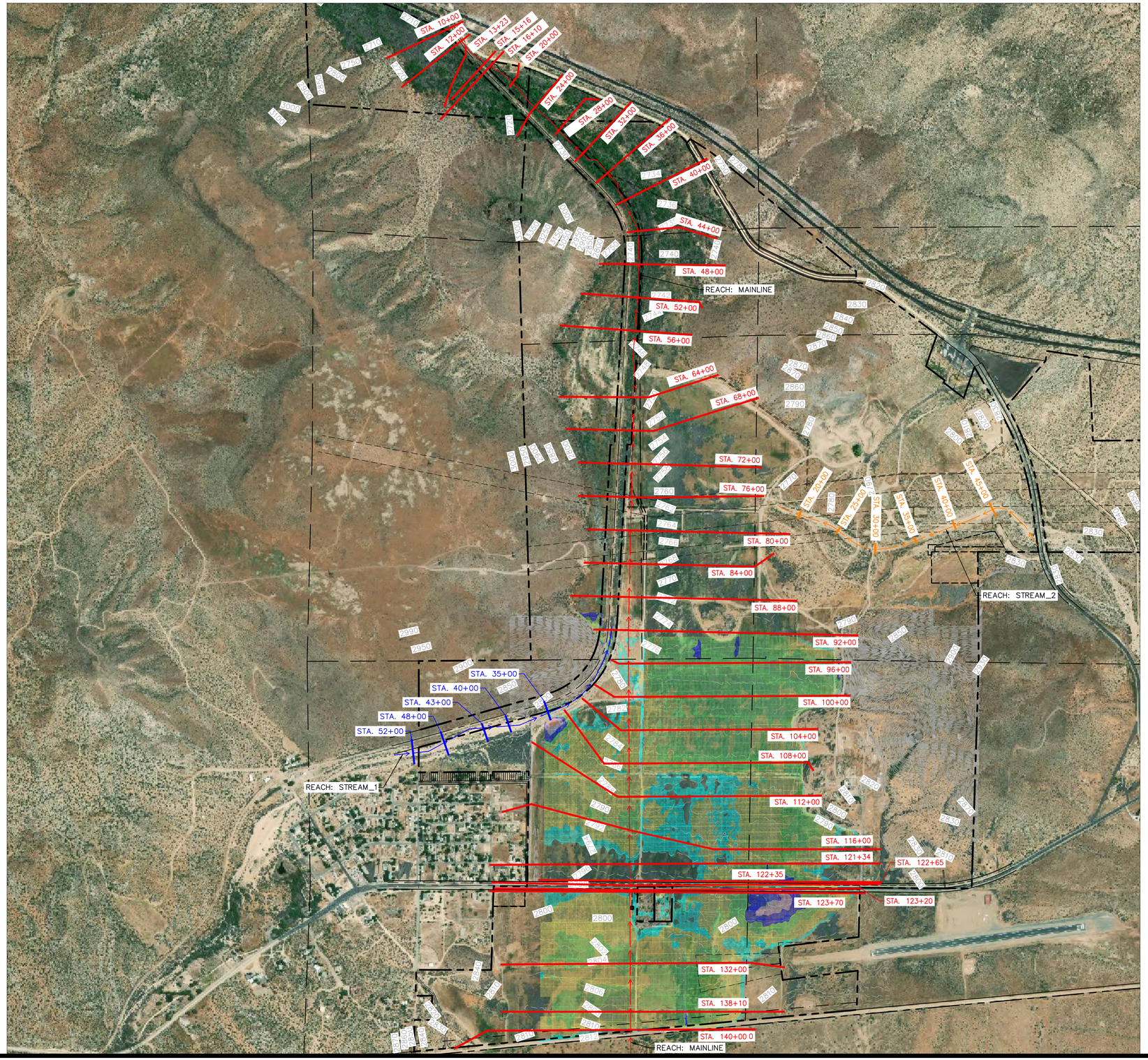
APPENDIX I

Drainage Study
JVR Energy Park
Part 2



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 7

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

Kimley»Horn

765 THE CITY DRIVE, SUITE 200, ORANGE, CA 92868
PHONE: 714-939-1030 FAX: 714-938-9488