

**100-YEAR FLOOD DEPTH**

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

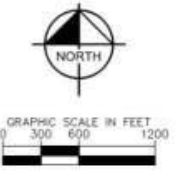
**LEGEND:**

- 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.



**FIGURE 8**  
 POST- CONDITION FLOOD INUNDATION MAP  
 CORP LAG TIME METHOD  
 100-YEAR; 24-HOUR STORM  
 JVR Energy Park  
 SAN DIEGO COUNTY, CALIFORNIA