

10/9/18 AGENDA, ITEM 6a - THE GREENBELT INFILTRATION PROJECT
SUPPLEMENTAL ALTERNATIVE SITE STUDIES PRESENTATION SLIDES SUBMITTED BY THE CITY MANAGER'S OFFICE ON 10/9/18 AT 4:00 P.M.



ALTERNATIVE SITE STUDIES

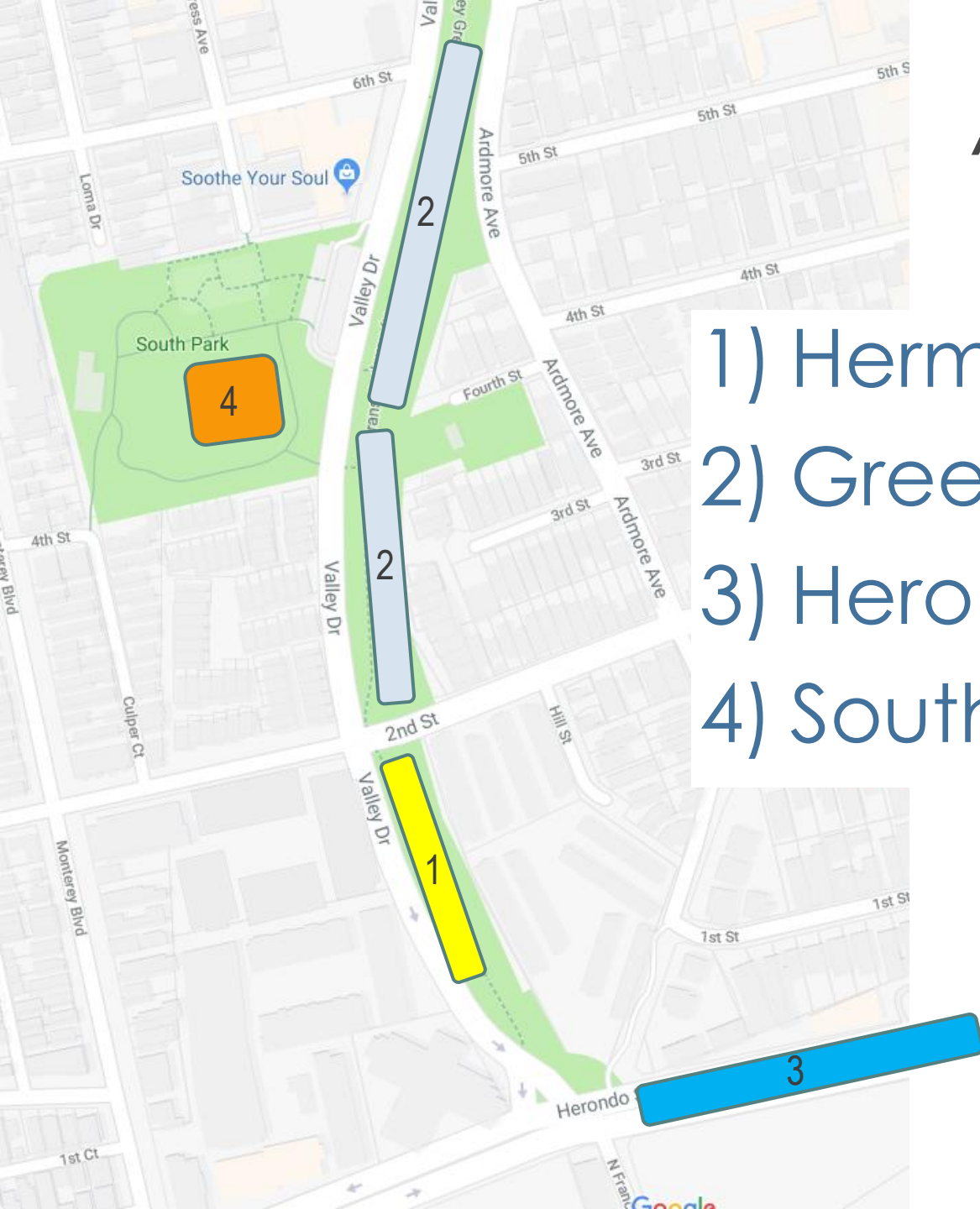
**OCTOBER 9,
2018**



TETRA TECH

ALTERNATIVE SITE STUDIES

- 1) Hermosa Greenbelt (Existing)
- 2) Greenbelt North of 2nd Street
- 3) Herondo Street
- 4) South Park



CONSIDERATIONS FOR ALL SITES

- Site-specific geotechnical surveys & utility investigations have not been performed.
- Sites are not in liquefaction zones however, all projects need to address the assumed risk.
- All sites require a pump requiring a small above-ground enclosure for electrical equipment.
- An O&M manual approved by Los Angeles Vector Control is required for operational efficiency of the system and to protect public health.

EXISTING GREENBELT LOCATION

- Approx. 720 residential units within 500 feet of site:
- Playa Pacifica, The Gallery, The Moorings, Beachside condominiums.
- 17 dwelling units directly overlook the project site.
- More tree removal compared to other sites
- Restricted access to greenbelt during construction
- Construction Budget Estimate: \$5,200,000



NTS

OPTION 2 – GREENBELT NORTH OF 2ND STREET



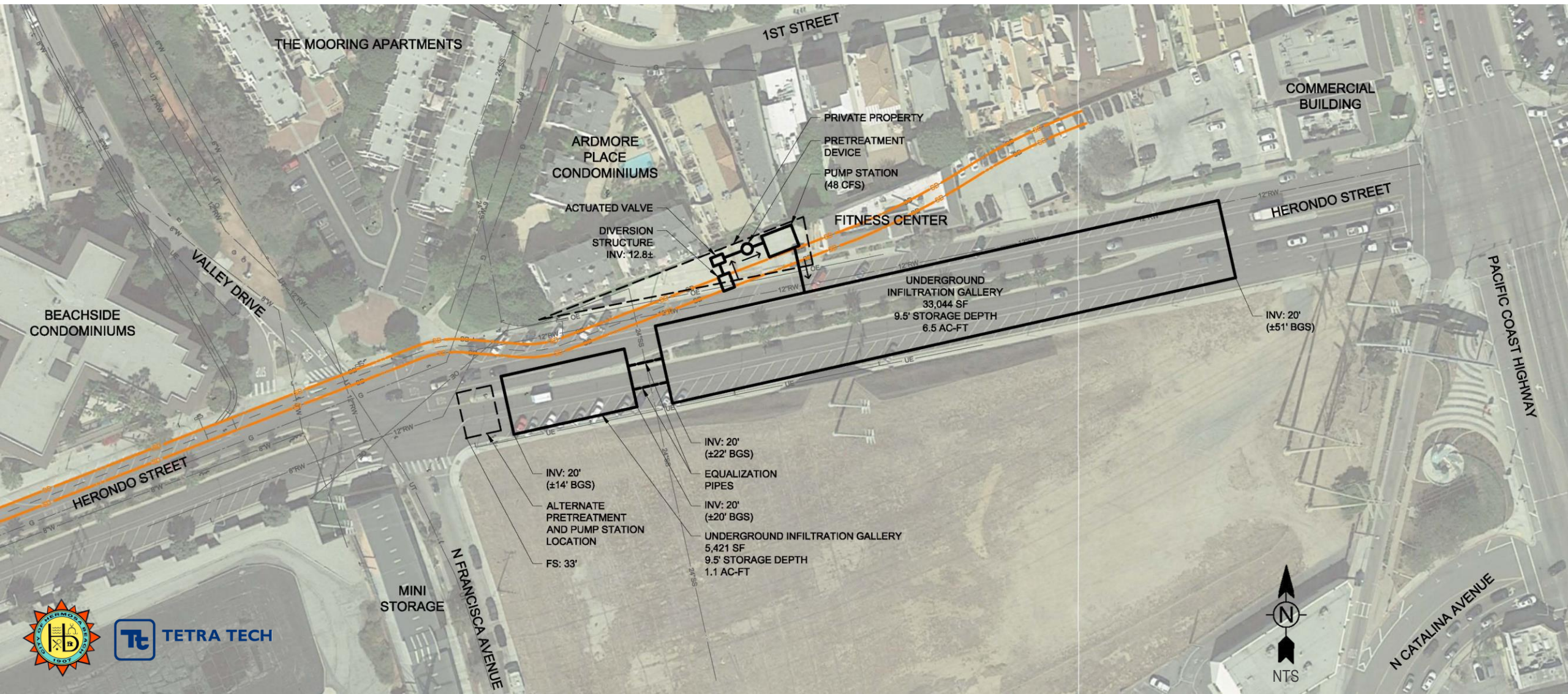
OPTION 2 – GREENBELT NORTH OF 2ND STREET

- Approx. 175 residential units within 500 feet of site:
- Approx 13 dwelling units directly overlook the project site.
- Width of wood-chip walking path to limit tree removal.
- Narrow and irregularly shaped design likely require shoring and increase construction costs.
- Restricted access to greenbelt during construction
- Construction Budget Estimate: \$9,000,000



NTS

OPTION 3 – HERONDO STREET



TETRA TECH

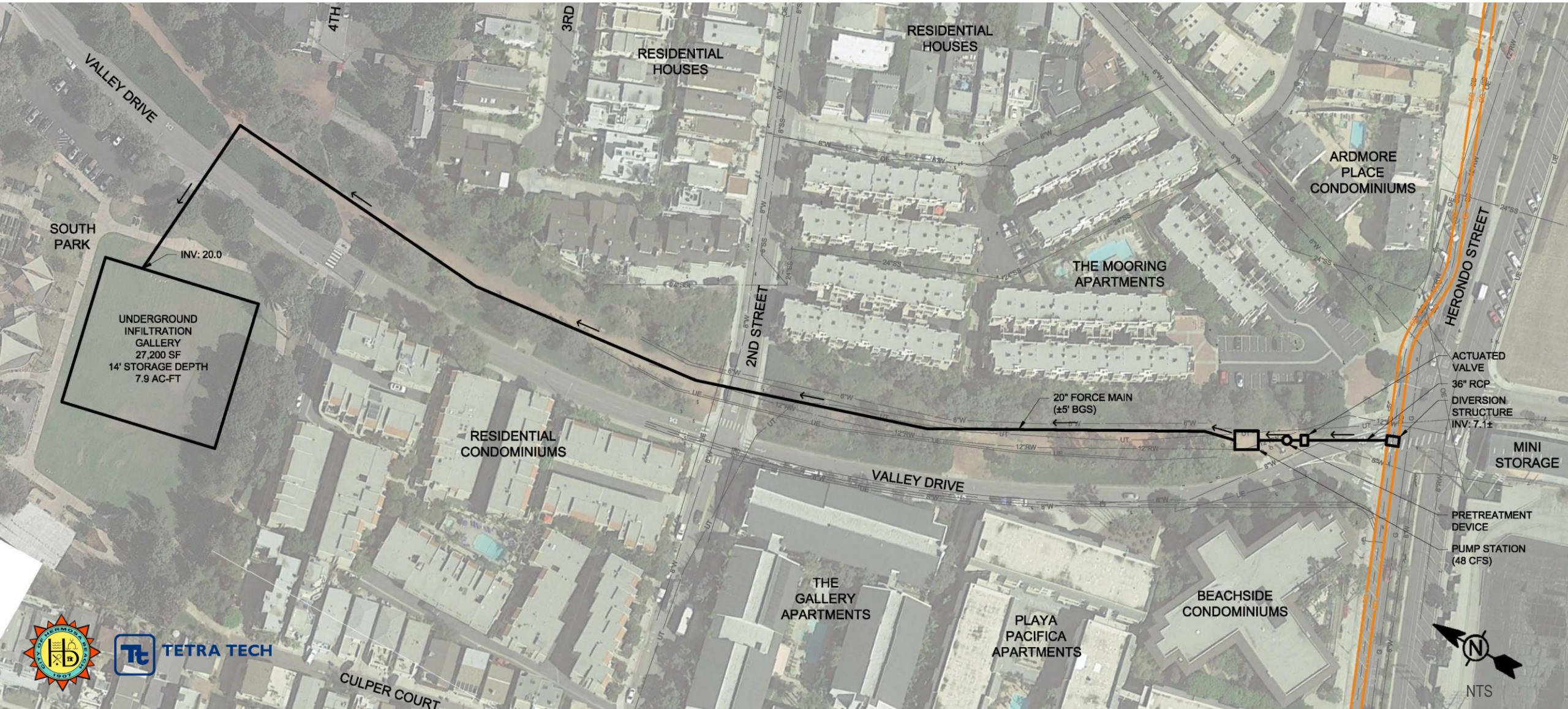
OPTION 3 – HERONDO STREET

- Approx. 720 residential units within 500 feet of site:
- Similar impacts as existing site with greater traffic impacts
- Additional costs:
 - Deep excavation
 - Utility relocation
 - Demolition & rebuild of median constructed in 2015 (Harbor Drive Project).
- Major traffic impacts during construction
- Construction Budget Estimate: \$10,000,000 +



NTS

OPTION 4 - SOUTH PARK



OPTION 4 – SOUTH PARK

- Approx. 200 residential units within 500 feet of site.
- Beneath portion of turf field within existing pathway
- Infiltration projects common in parks
- Opportunity to enhance park amenities
- Uniformly shaped system would not require shoring
- Field closed for construction. All other park amenities would operate at full capacity during construction.
- Construction Budget Estimate: \$5,200,000 +/- \$865,000



NTS