

Board of County Commissioners

**Shoreline
Alteration/Dredge and Fill Permit
Application**

SADF-18-07-019

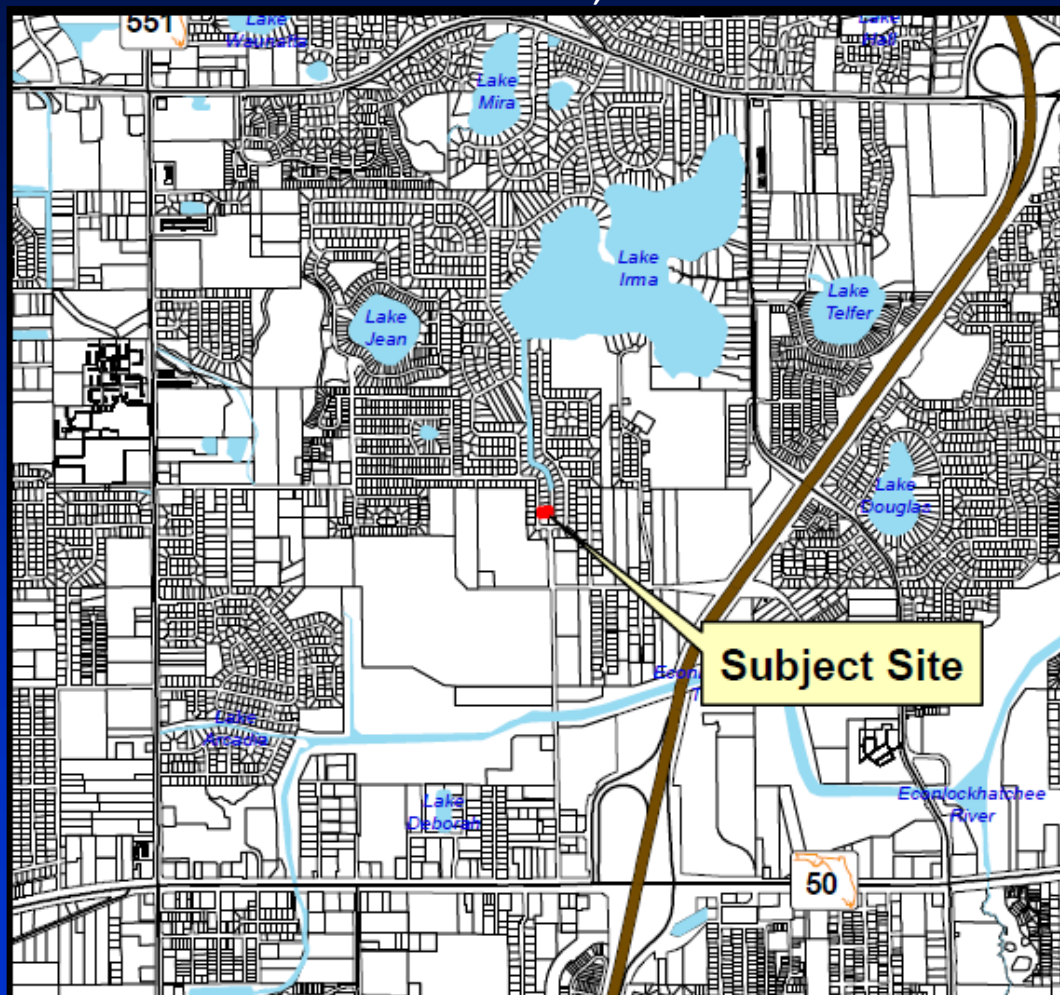
Applicants: Henry and Karilyn Tap

October 16, 2018



Location Map

2809 Tech Drive, Orlando

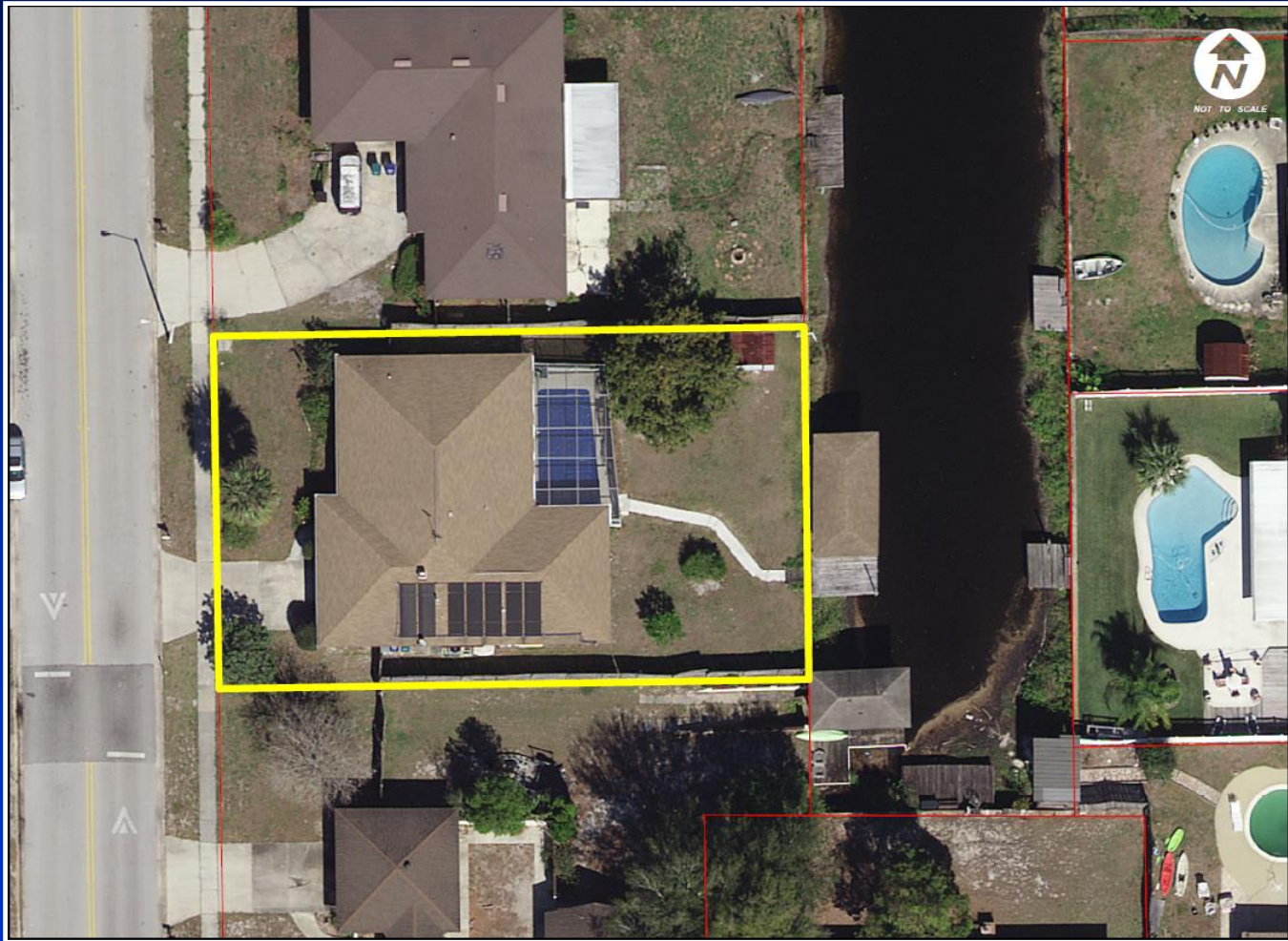


Parcel ID No.: 13-22-30-8830-02-020



Aerial

2809 Tech Drive, Orlando



Parcel ID No.: 13-22-30-8830-02-020



Existing Conditions





Existing Conditions

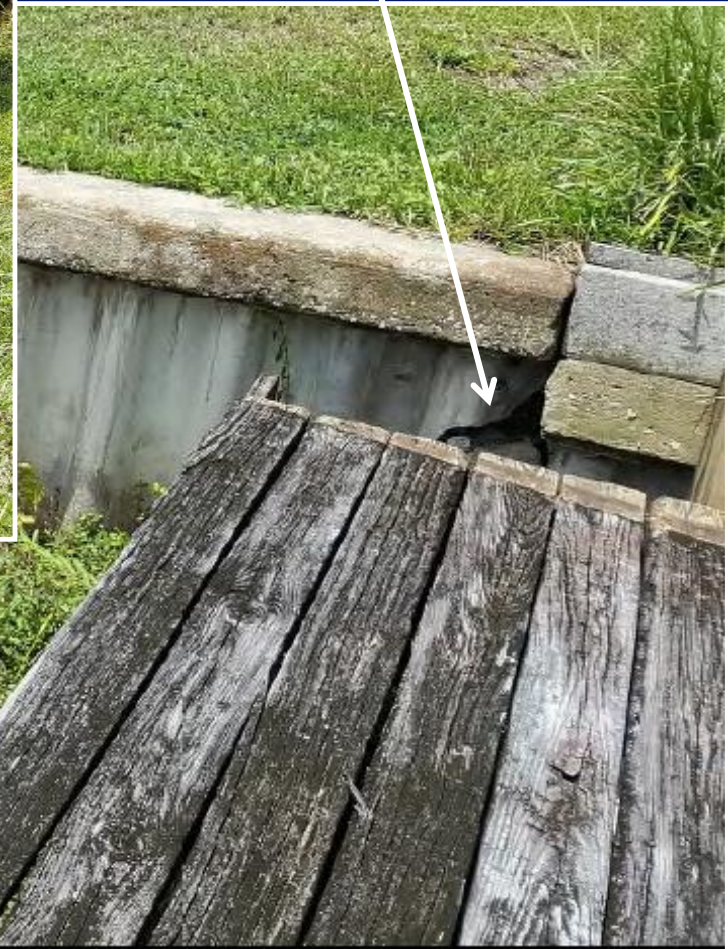




Existing Conditions



Cracks in sheet piling



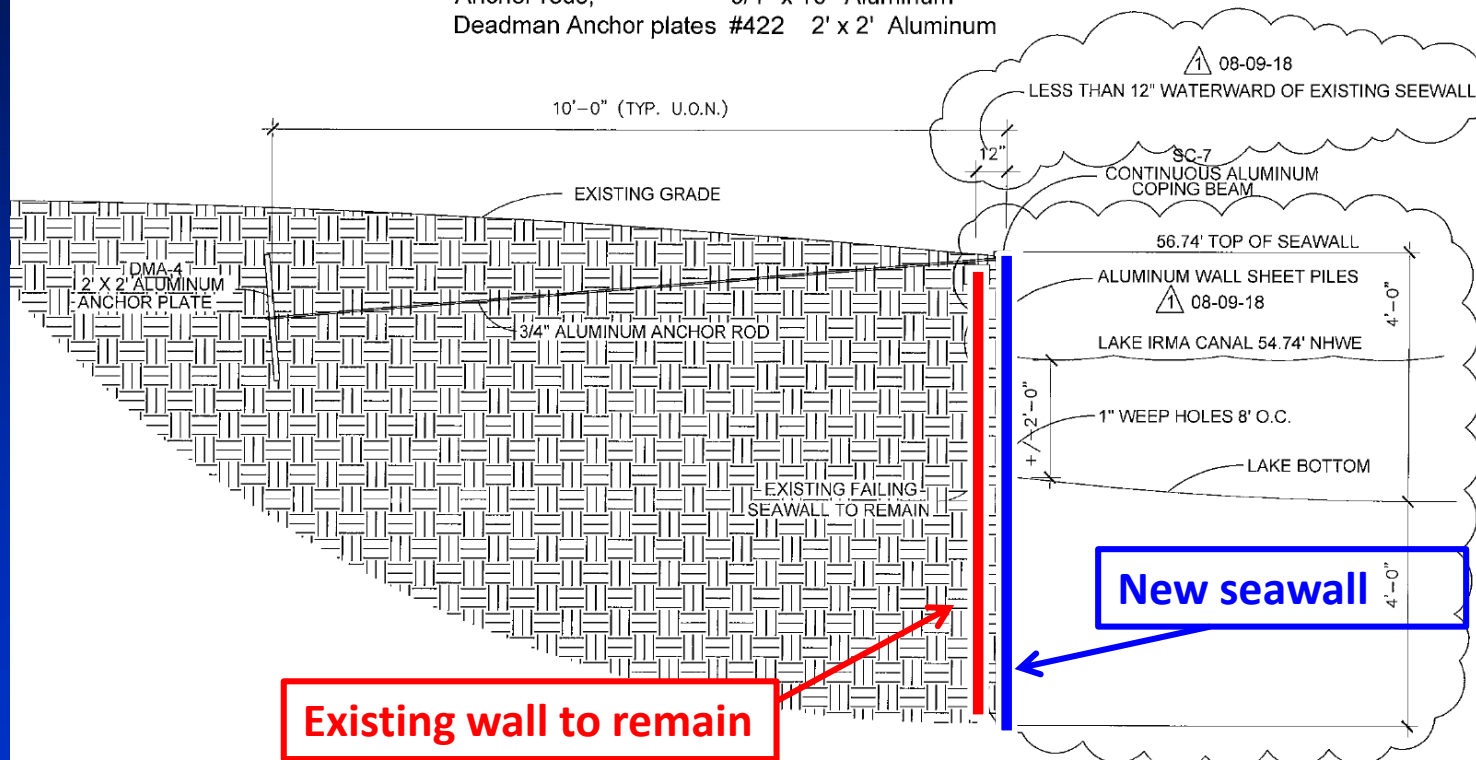
Erosion along
upland portion of
wall





Site Plan

sheet pile wall panels, AWL - 100 1' foot wide each.
wall capping beam CSL 2" x 25'
Anchor rods, 3/4" x 10' Aluminum
Deadman Anchor plates #422 2' x 2' Aluminum



SEAWALL CROSS SECTION

BALCONIES,
60 PSF

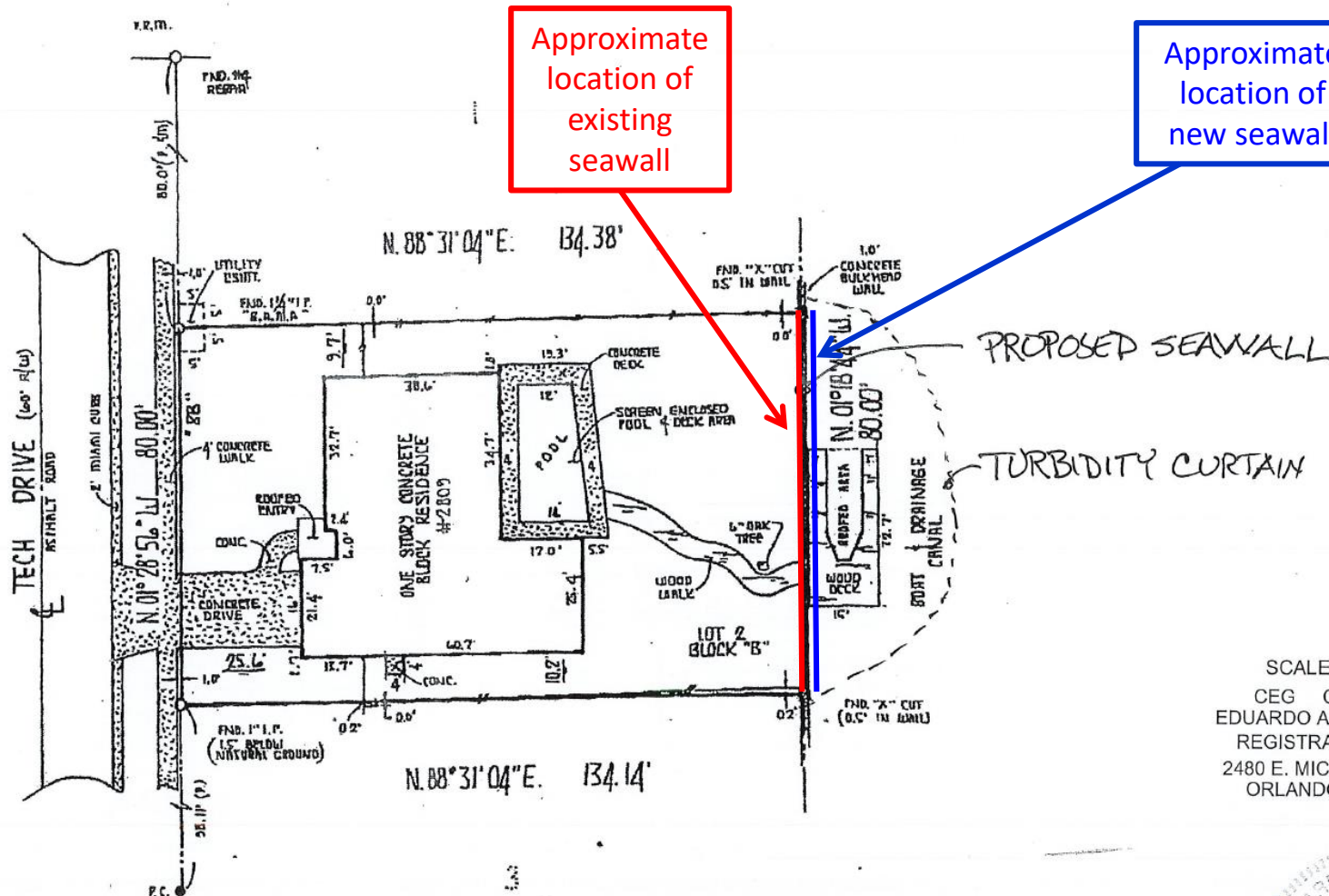
EN DESIGNED TO MEET
THE FLORIDA BUILDING



CEG COA#27213
EDUARDO AVELLANEDA, P.E.
REGISTRATION #40040
2480 E. MICHIGAN STREET
ORLANDO, FL 32806



Site Plan



SCALE: 1" = 30'

CEG COA#27213
EDUARDO AVELLANEDA, P.E.
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ORLANDO, FL 32806





Considerations

- Project reviewed in accordance with Chapter 15, Article VI.
- The neighboring property to the north has an adjoining seawall, and the neighboring property to the south has an adjoining wall associated with a boat ramp.
- Existing concrete and vinyl sheet pile seawall is beginning to fail, causing erosion of the upland portion of the parcel. Rip Rap and plantings are not being requested due to navigational concerns in the canal.
- Notification of the public hearing was sent to property owners within 500 feet of the project site.
- No enforcement action has been taken by EPD on the subject property.



Action Requested

Approval of Shoreline Alteration/Dredge and Fill permit request (SADF-18-07-019) for Henry and Karilyn Tap, subject to the conditions listed in the staff report.

District 5