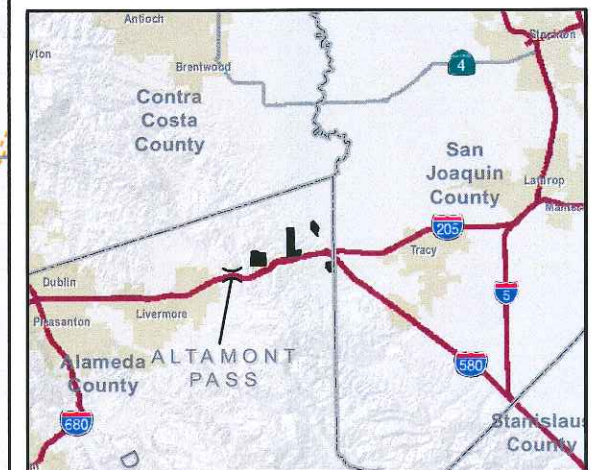
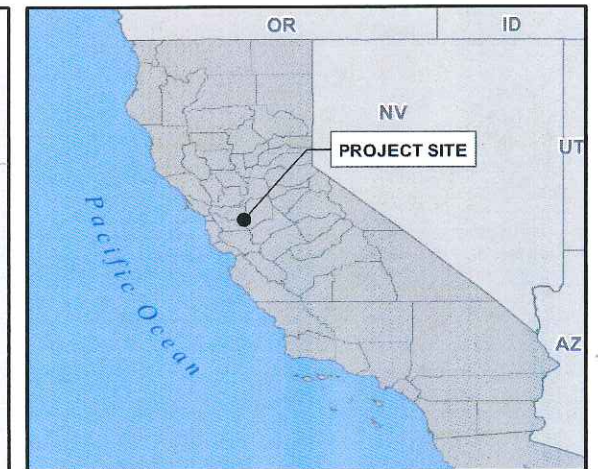
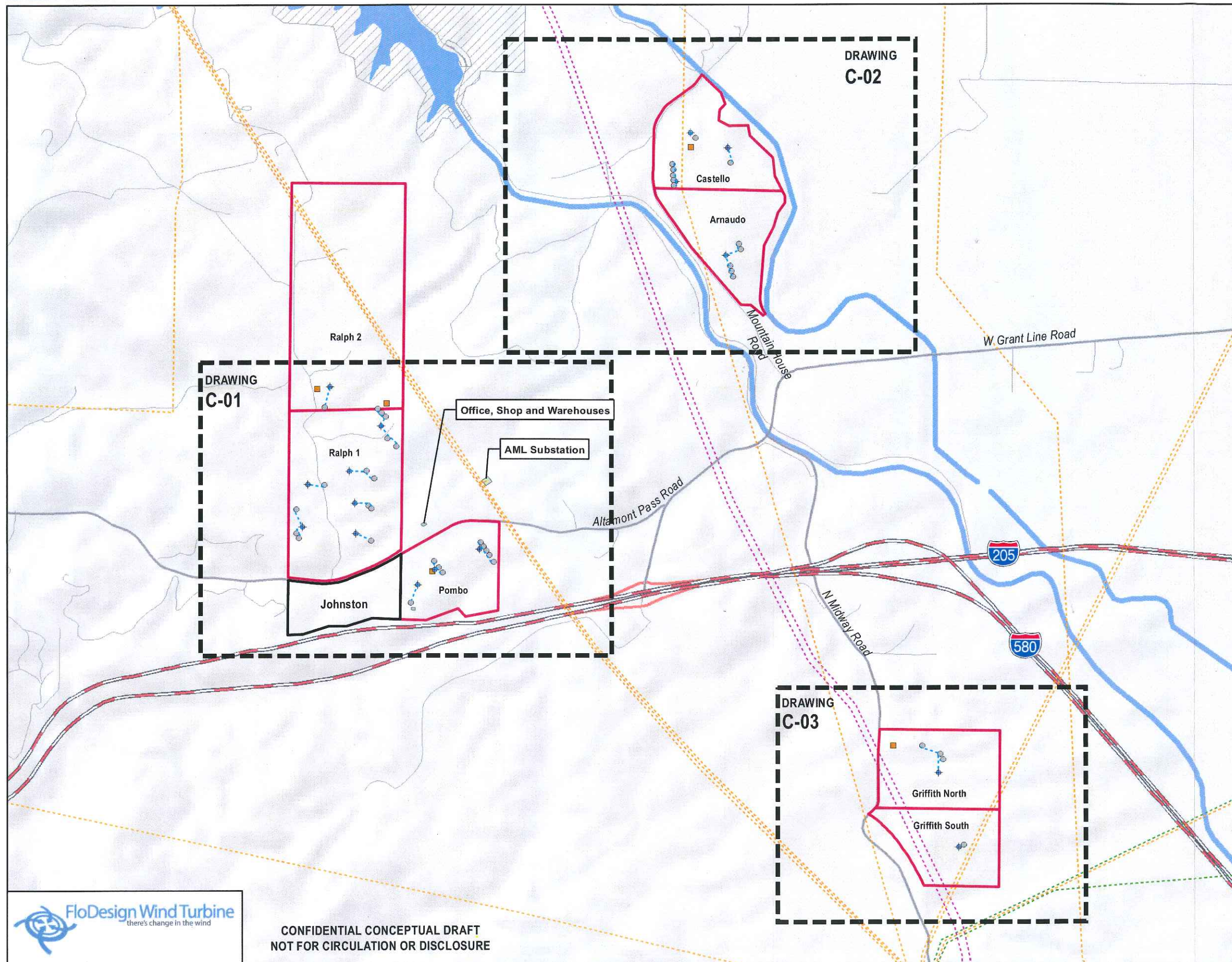




Legend

- Phase 1 Parcels
- Other Parcels
- Collection Lines
- Proposed Turbines
- Proposed Underground to Pad Mount Tie-In
- Existing MET Towers

Transmission Lines

- 100-161 kV Transmission Line
- 230-287 kV Transmission Line
- 500 kv Transmission Line

SAND HILL WIND ATTACHMENT D DRAWING A-01 LOCATION AND VICINITY MAP

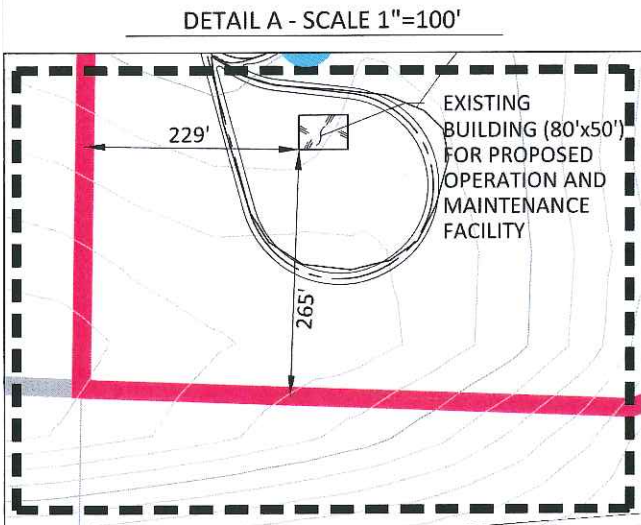
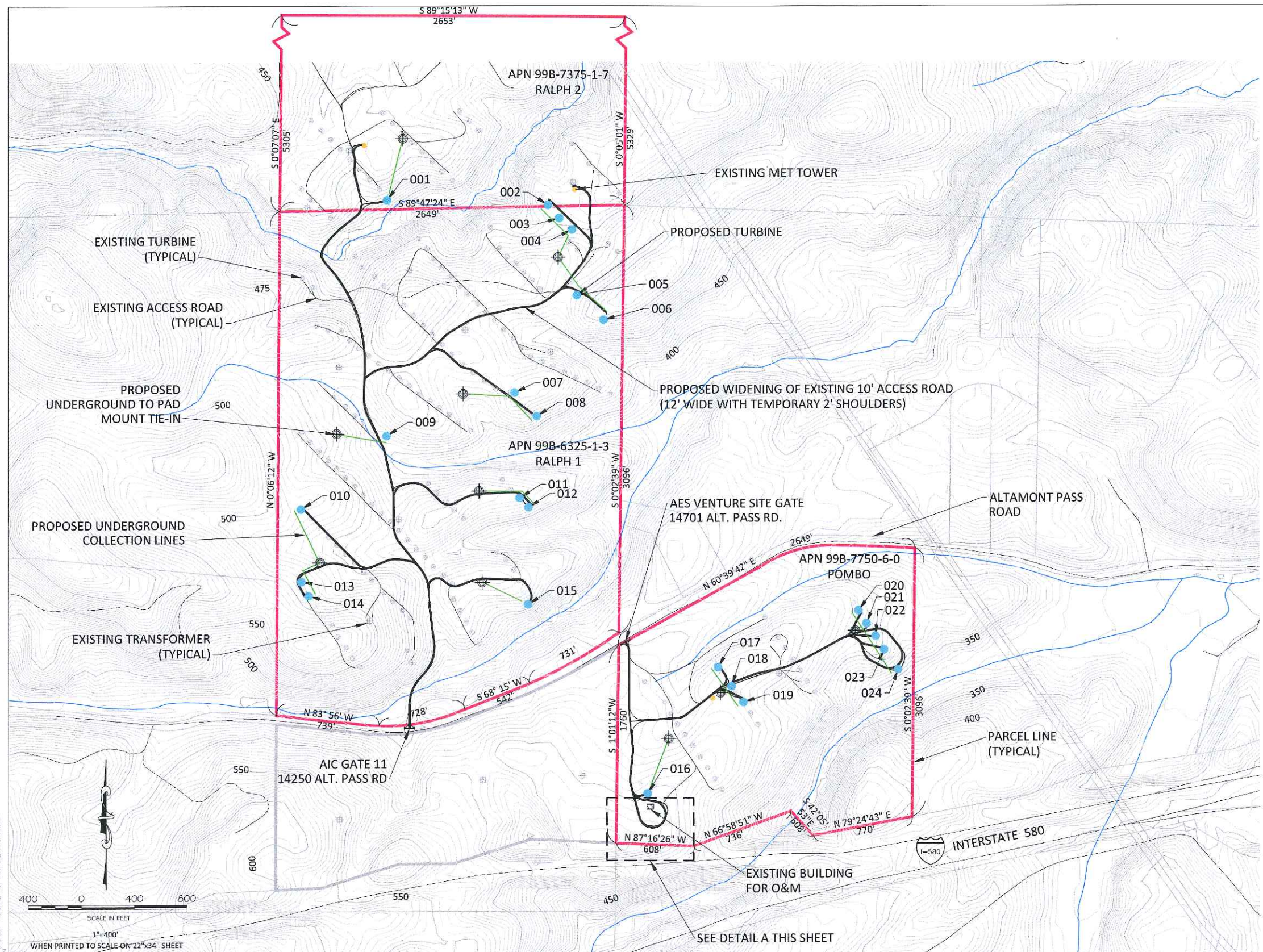
0 1,100 2,200 4,400
Feet



TETRA TECH EC, INC.



CONFIDENTIAL CONCEPTUAL DRAFT
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LEGEND

- EXISTING TURBINE
- PROPOSED TURBINE
- EXISTING MET TOWER
- PROPOSED UNDERGROUND COLLECTION LINE
- PROPOSED UNDERGROUND TO PAD MOUNT TIE-IN
- PHASE 1 PARCEL BOUNDARY
- EXISTING TRANSFORMER
- EXISTING CONTOUR
- PROPOSED WIDENING OF EXISTING ACCESS ROAD
- EXISTING ROADS
- ASSESSOR'S PARCEL NUMBER
- EXISTING BLUELINE STREAM OR WATERWAY
- PRIMARY ACCESS GATE
- EXISTING BUILDING FOR O&M

TURBINE SCHEDULE	
MAP ID	FULL ID
001	MEWT100-001
002	MEWT100-002
003	MEWT100-003
004	MEWT100-004
005	MEWT100-005
006	MEWT100-006
007	MEWT100-007
008	MEWT100-008
009	MEWT100-009
010	MEWT100-010
011	MEWT100-011
012	MEWT100-012
013	MEWT100-013
014	MEWT100-014
015	MEWT100-015
016	MEWT100-016
017	MEWT100-017
018	MEWT100-018
019	MEWT100-019
020	MEWT100-020
021	MEWT100-021
022	MEWT100-022
023	MEWT100-023
024	MEWT100-024

NOTE

PARCEL BOUNDARIES, DIMENSIONS, AND ORIENTATION ARE BASED ON ALAMEDA COUNTY ASSESSOR'S OFFICE PARCEL MAPS.

ATTACHMENT D



EXHIBIT PREPARER:
TETRA TECH, INC.
17885 VON KARMAN AVENUE, SUITE 500
IRVINE, CALIFORNIA 92614-6213
TEL: 949.809.5000

NOT ISSUED FOR CONSTRUCTION

A	10/19/12	INITIAL ISSUE	JD	FD
DATE		REVISION	SUBMIT BY	APPROVED BY

CONFIDENTIAL CONCEPTUAL DRAFT
NOT FOR CIRCULATION OR DISCLOSURE

Plan Preparer:
Tetra Tech
17885 Von Karman Ave. Ste. 150
(949) 809-5039

Project Name:
Sand Hill Wind
Project Address:
14740 Altamont Pass Rd.
Tracy, CA
Alameda County, CA

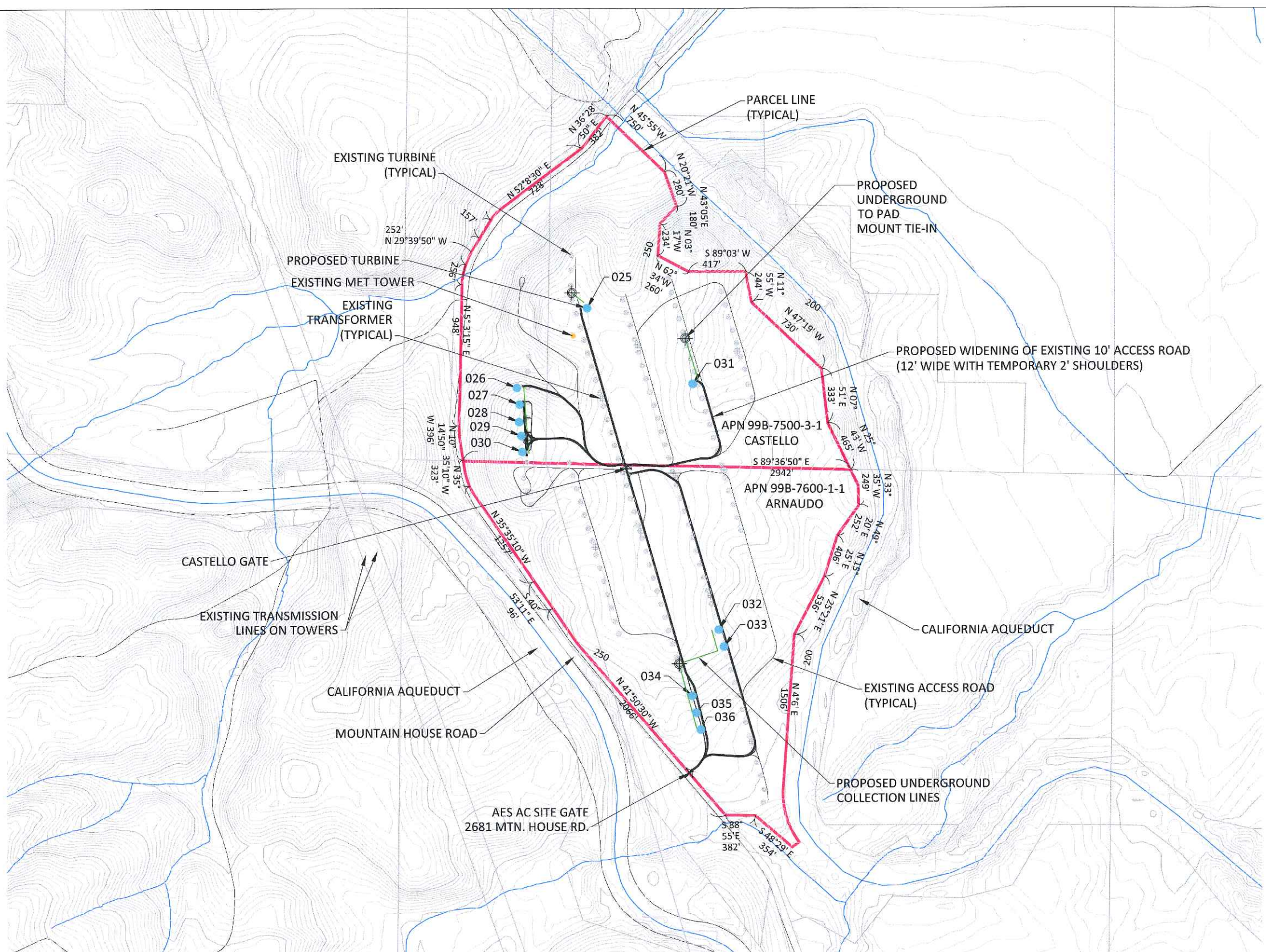
DRAWING: **C-01**

APPLICANT:
Sand Hill Wind, LLC
221 Crescent St. Suite 103A
Waltham, MA 02453
(781) 609-4700



Site Plan
Ralph/Pombo
ALAMEDA COUNTY, CA

I, Julie A. Delaney, certify that this Site Plan has been prepared by me or under my direction and do attest to the accuracy of all information indicated hereon.
Title Senior Civil Engineer Reg no. CS4558 Date 10/12/12

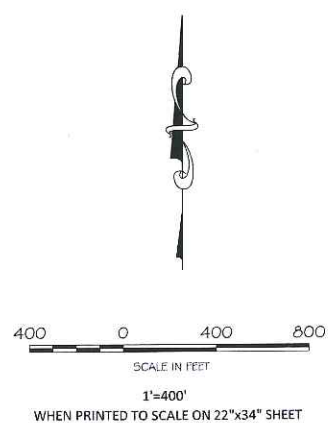


- LEGEND**
- EXISTING TURBINE
 - PROPOSED TURBINE
 - EXISTING MET TOWER
 - PROPOSED UNDERGROUND COLLECTION LINE
 - PROPOSED UNDERGROUND TO PAD MOUNT TIE-IN
 - PHASE 1 PARCEL BOUNDARY
 - EXISTING TRANSFORMER
 - EXISTING CONTOUR
 - PROPOSED WIDENING OF EXISTING ACCESS ROAD
 - EXISTING ROADS
 - APN ASSESSOR'S PARCEL NUMBER
 - EXISTING BLUELINE STREAM OR WATERWAY
 - PRIMARY ACCESS GATE

TURBINE SCHEDULE	
MAP ID	FULL ID
025	MEWT100-025
026	MEWT100-026
027	MEWT100-027
028	MEWT100-028
029	MEWT100-029
030	MEWT100-030
031	MEWT100-031
032	MEWT100-032
033	MEWT100-033
034	MEWT100-034
035	MEWT100-035
036	MEWT100-036

NOTE

PARCEL BOUNDARIES, DIMENSIONS, AND ORIENTATION ARE BASED ON ALAMEDA COUNTY ASSESSOR'S OFFICE PARCEL MAPS.



ATTACHMENT D



EXHIBIT PREPARER:

TETRA TECH, INC.

17885 VON KARMAN AVENUE, SUITE 500
IRVINE, CALIFORNIA 92614-6213
TEL: 949.809.5000

NOT ISSUED FOR CONSTRUCTION

A	10/19/12	INITIAL ISSUE	JD	FD
DATE		REVISION	SUBMIT BY	APPROVED BY

CONFIDENTIAL CONCEPTUAL DRAFT
NOT FOR CIRCULATION OR DISCLOSURE

Plan Preparer:
Tetra Tech
17885 Von Karman Ave. Ste. 150
(949) 809-5039

Project Name:
Sand Hill Wind
Project Address:
14740 Altamont Pass Rd.
Tracy, CA
Alameda County, CA

DRAWING: **C-02**

APPLICANT:
Sand Hill Wind, LLC
221 Crescent St. Suite 103A
Waltham, MA 02453
(781) 609-4700



Site Plan
Castello-Arnaudo
ALAMEDA COUNTY, CA

I, Julie A. Delaney, certify that this Site Plan has been prepared by me or under my direction and do attest to the accuracy of all information indicated hereon.

Title: Senior Civil Engineer Reg. no.: C54558

Signature: *Julie A. Delaney*
Date: 10/12/12

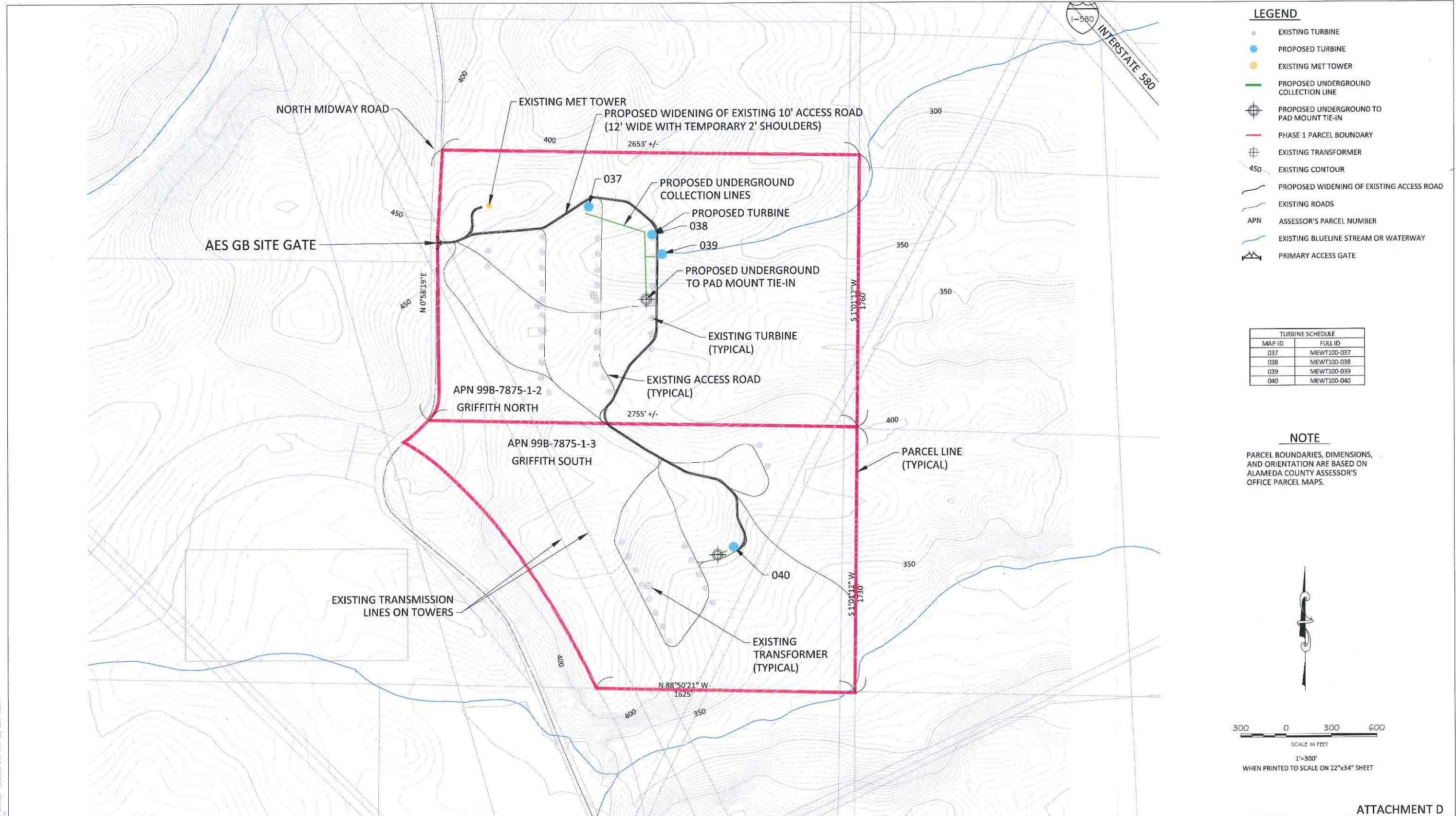
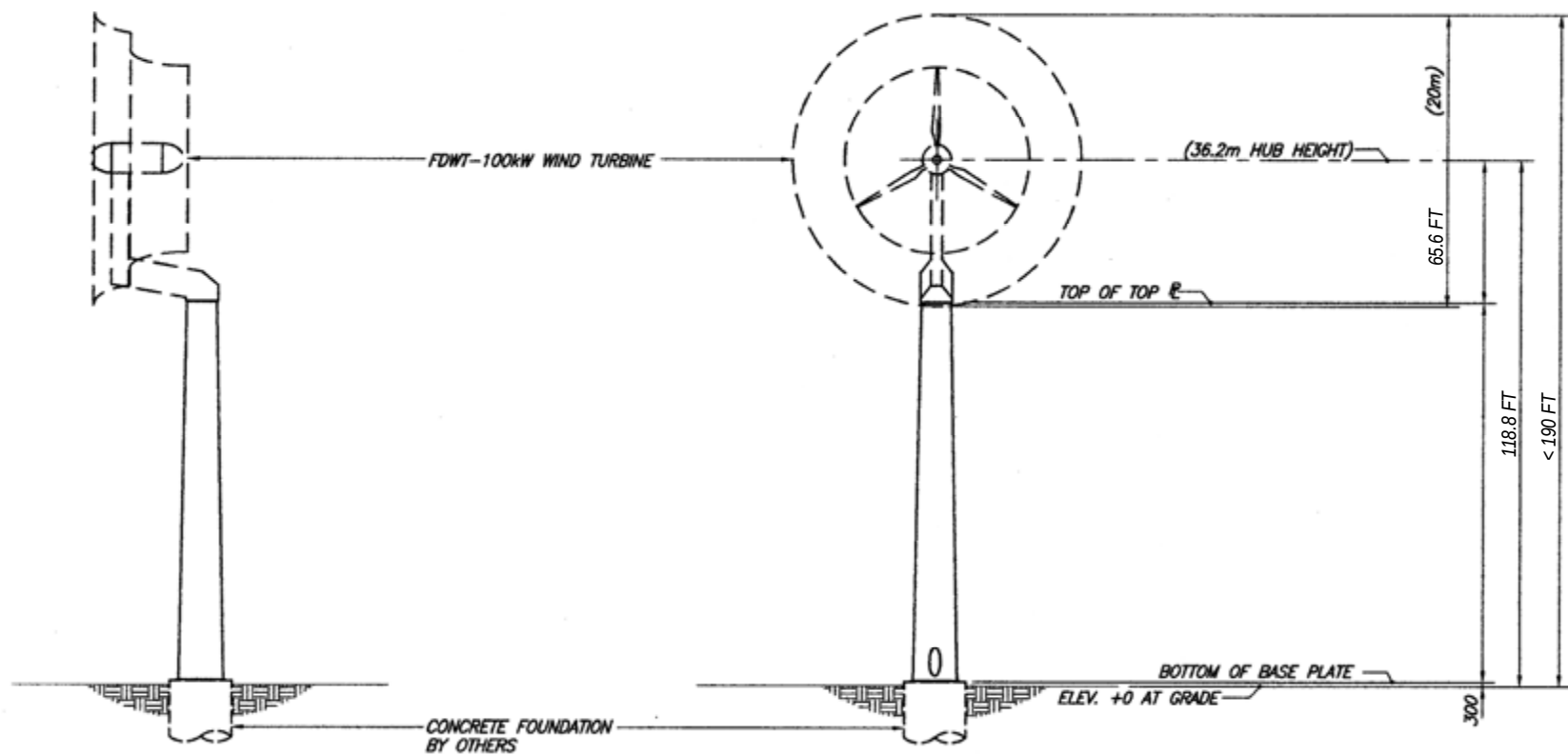


EXHIBIT PREPARER: 17885 VON KARMAN AVENUE, SUITE 500 IRVINE, CALIFORNIA 92614-6213 TEL: 949.809.5000		NOT ISSUED FOR CONSTRUCTION		CONFIDENTIAL CONCEPTUAL DRAFT NOT FOR CIRCULATION OR DISCLOSURE		DRAWING: C-03		Site Plan Griffith ALAMEDA COUNTY, CA	
		Plan Preparer: Tetra Tech 17885 Von Karman Ave. Ste. 150 (949) 809-5039		Project Name: Sand Hill Wind Project Address: 14740 Altamont Pass Rd. Tracy, CA Alameda County, CA		APPLICANT: Sand Hill Wind, LLC 221 Crescent St. Suite 103A Waltham, MA 02453 (781) 609-4700		 there's change in the wind	
REVISION		DATE		BY		DATE		Signature Julie A. Delaney Date 10/12/12	
A		10/19/12		JD		FD		I, Julie A. Delaney, certify that this Site Plan has been prepared by me or under my direction and do attest to the accuracy of all information indicated hereon. Title Senior Civil Engineer Reg. no. C54558	

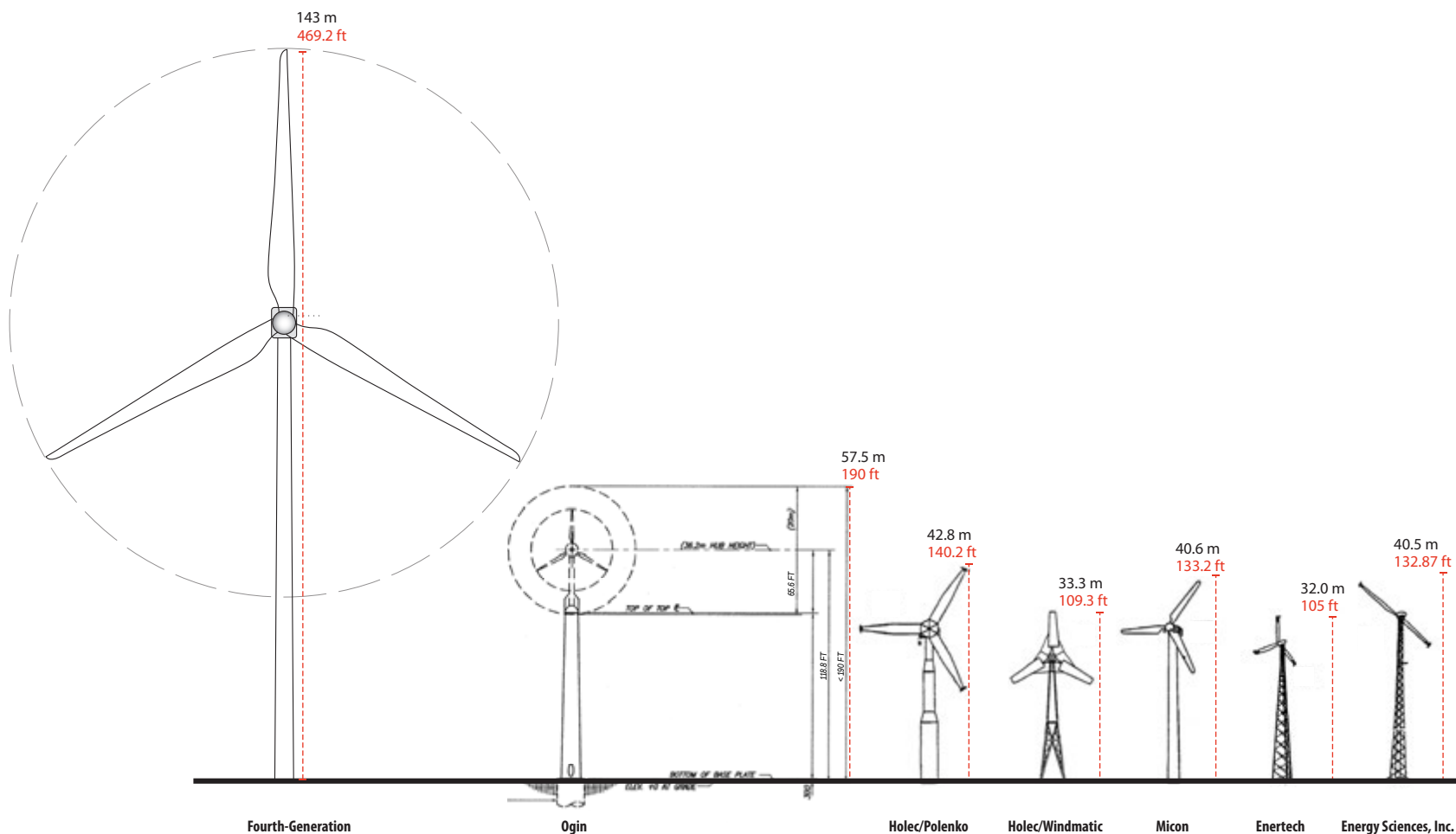


Source: FloDesign



Graphics/00151.13 (10-13) SS

Figure 2-8
Photograph of Shrouded Wind Turbine



Name	Size (kW)	Hub Height (m)	Rotor Diameter (m)	Total Height (m)
Ogin (formerly known as FloDesign)	100	36.2	21.3	57.5
Energy Sciences, Inc.	80	24	16.5	40.5
Holec/Windmatic	65	18.5	14.8	33.3
Holec/Polenko	100	24.6	18.2	42.8
Enertech	40	18.5	13.5	32
Micon	65	24.6	16.0	40.6
Fourth-generation turbine	1-3 MW	80	125	143

Source: Smallwood, K. S.. 2004. Developing Methods to Reduce *Bird Mortality in the Altamont Pass Wind Resource Area, California*. California Energy Commission 500-01-019.