



July 18, 2022

Sent Via Email

Cindy Mulkey
Program Administrator
Siting Coordination Office
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 5500
Tallahassee, Florida 32399

Subject: Duke Energy Florida (DEF), LLC- Citrus Combined Cycle Station, PA77-09A3
Conditions of Certification Amendment Request

Dear Mrs. Mulkey:

In accordance with PA77-09, Section A. XXII, and Florida Statute 403.5113; DEF is providing notification for amendment to the Site Certification Application. Citrus Combined Cycle Station is proposing to install a modular security turnstile gate and associated concrete foundation. The engineering drawings for the proposed project are enclosed for your review.

The anticipated project start date is August 18, 2022.

If you have any questions concerning this submittal, please do not hesitate to contact Tiffany Petersen at (808) 224-2443 or tiffany.petersen@duke-energy.com

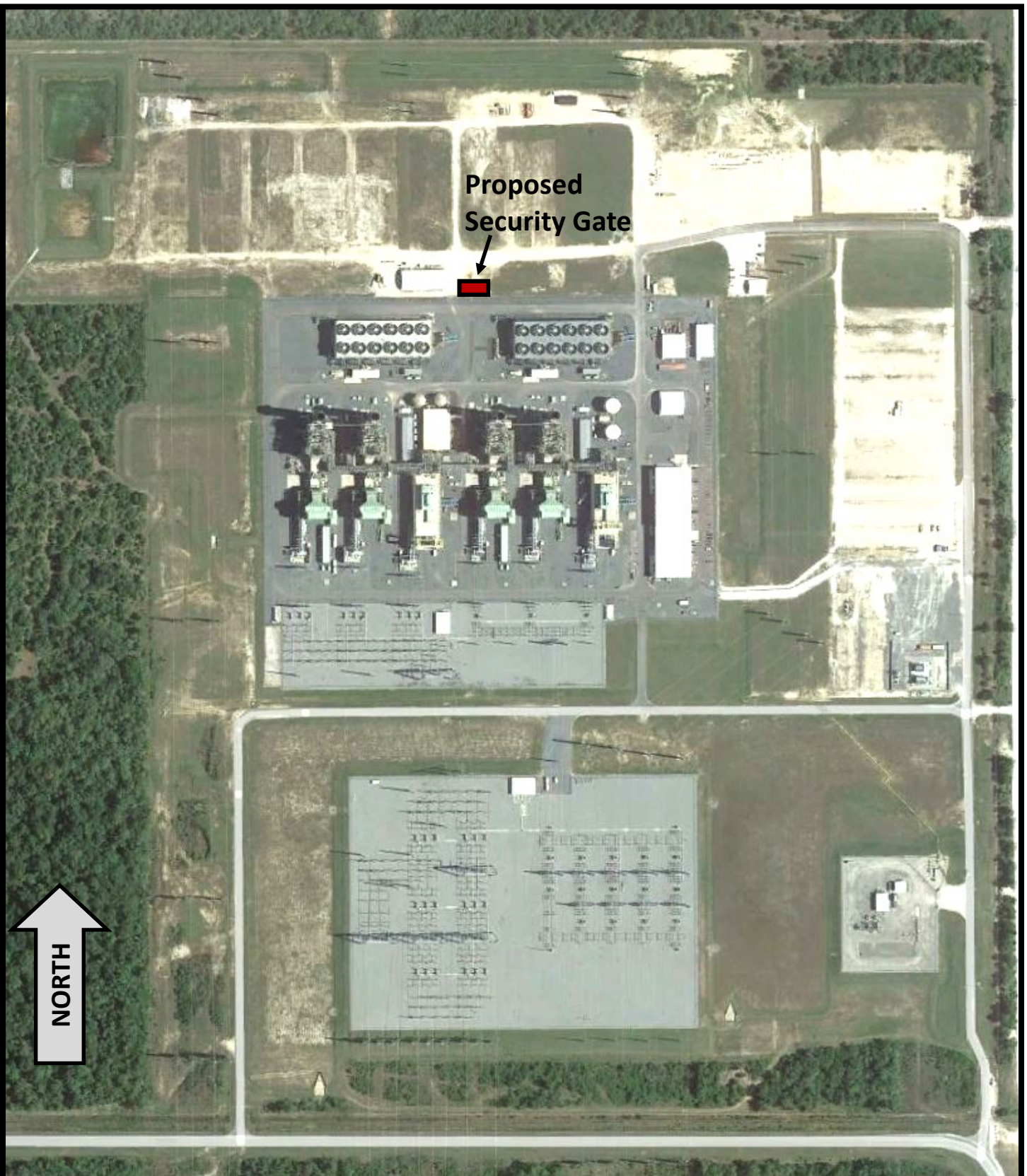
Sincerely,

A handwritten signature in black ink, appearing to read "Martin J. Drango".

Martin J. Drango, P.E.
Citrus Combined Cycle Station Manager

Enclosures

cc: FDEP Southwest District Office



Citrus Combined Cycle Station
14385 W. Access Rd.
Crystal River, FL 34428



CITRUS COMBINED CYCLE PLANT

Crystal River, FL

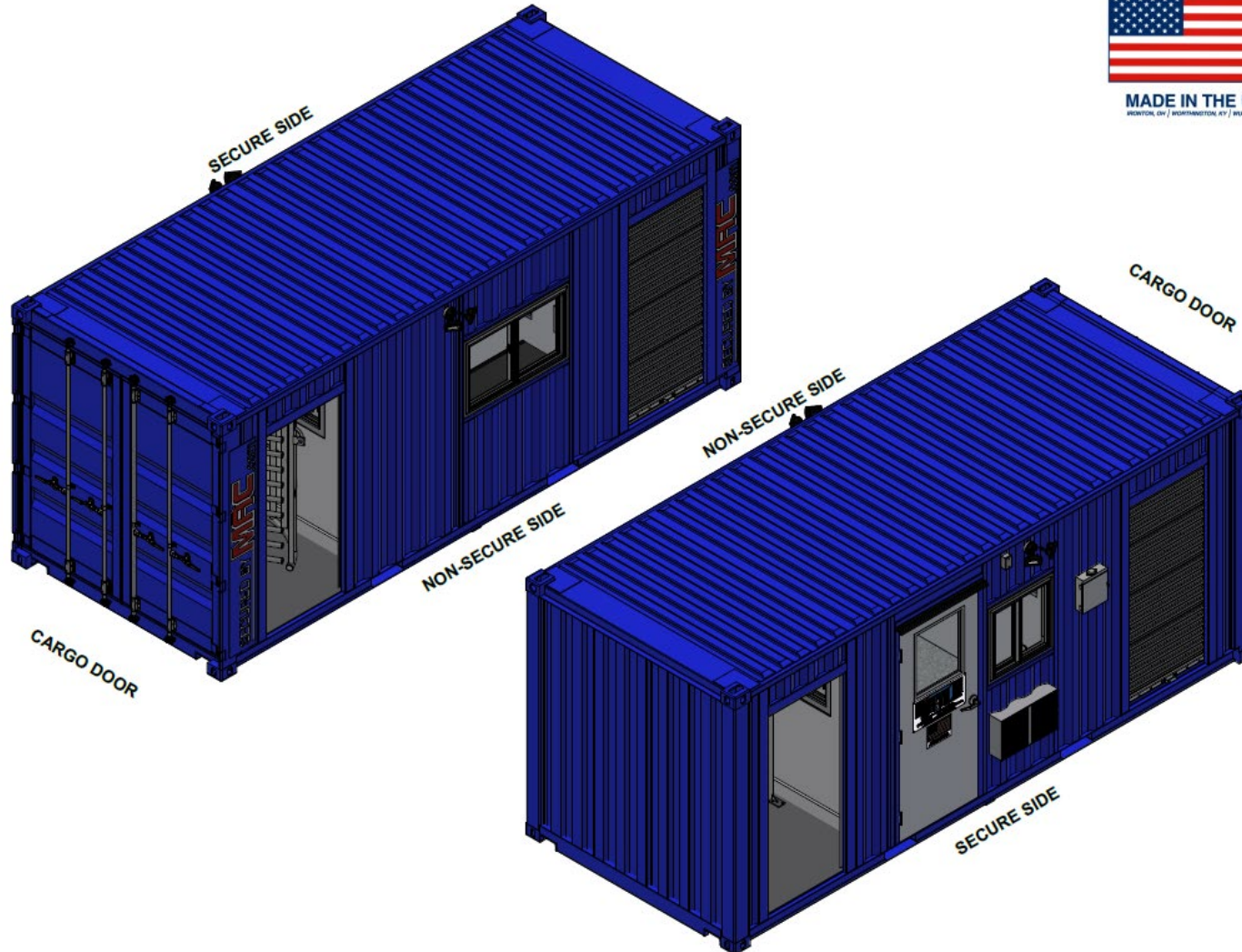
FORCE 5 CONTRACTOR MODULAR SECURITY ASSESS GATE



Prepared for:
Dana Christensen

Prepared by:
George Turk, P.E.

Date: Feb 9, 2022





Wt. 7200 lbs.

MSSI

Modular Security
Systems Inc.

740.532.7822

www.SecuredByMAC.com

Modular Access Control (MAC) Portal Specification Sheet

MAC-2M

General Features:

Enclosure	20' Container
Approx. Shipping Weight*	7,200 lbs
Approx. Footprint (L X W)	20'-0" X 8'-0"
Approx. Shipping (L X W X H)*	20'-0" X 8'-5" X 8'-6"
Approx. Overall (L X W X H)*	20'-0" X 9'-6" X 8'-6"

Lifting Methods:

Bottom Corner Blocks	Yes
Top Corner Blocks	Yes
Fork Lift	Yes
Other	No



Model No. M2MX

Office:

Approx. Dimensions (L X W)	7'-6" X 7'-0"
Cooling Capacity / BTUH	9,000
Heating Capacity / BTUH	11,000
Heating Watts	3,500
Wall / Ceiling Insulation	R-15
Entry Door with Window	1

Turnstile Bay:

Lanes	2
Lane Style	Single
Roll-Up Doors	3' per Single

Electrical Data:

Lighting Technology	LED
Load Center Main Amps	100
Voltage**	120 / 240
Frequency	60 Hz
Demand KVA***	6.9
Demand Amps	29

* General feature weights and dimensions are calculated and can vary based on container and options.

** Standard voltage, other voltages are available.

*** Demand KVA is based on National Electric Code (NEC) load calculation methods, actual may vary depending on customer equipment.

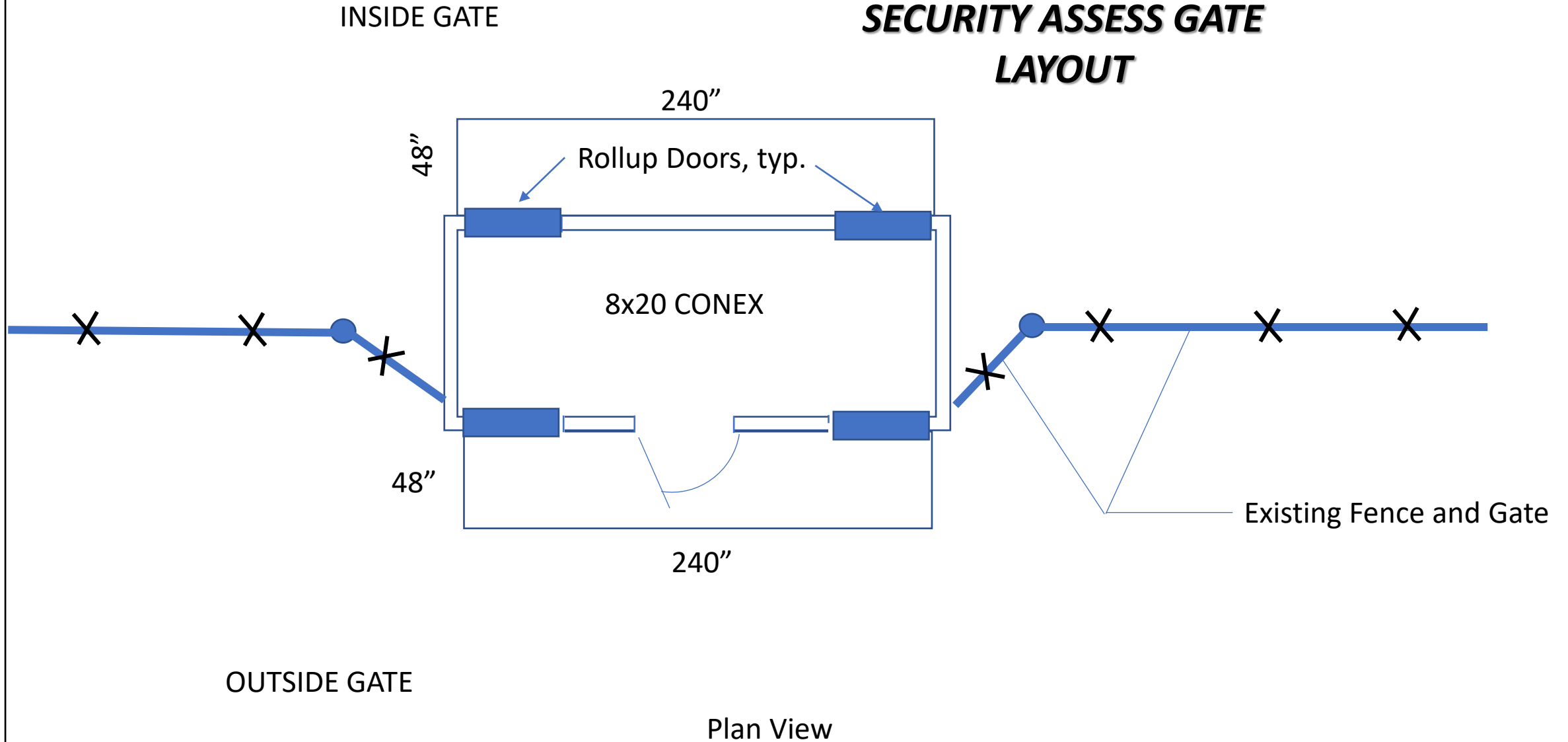
Patents:

US 7,762,025; CA 2,587,968;
EP 1812666; DZ 5173;
EG 25627; US 8,015,754;
US 8,671,624; US 9,051,748;
US 9,404,278; US 7,823,338;
CA 2,682,764; EP 2137356;
NG RPNG/C/2007/737



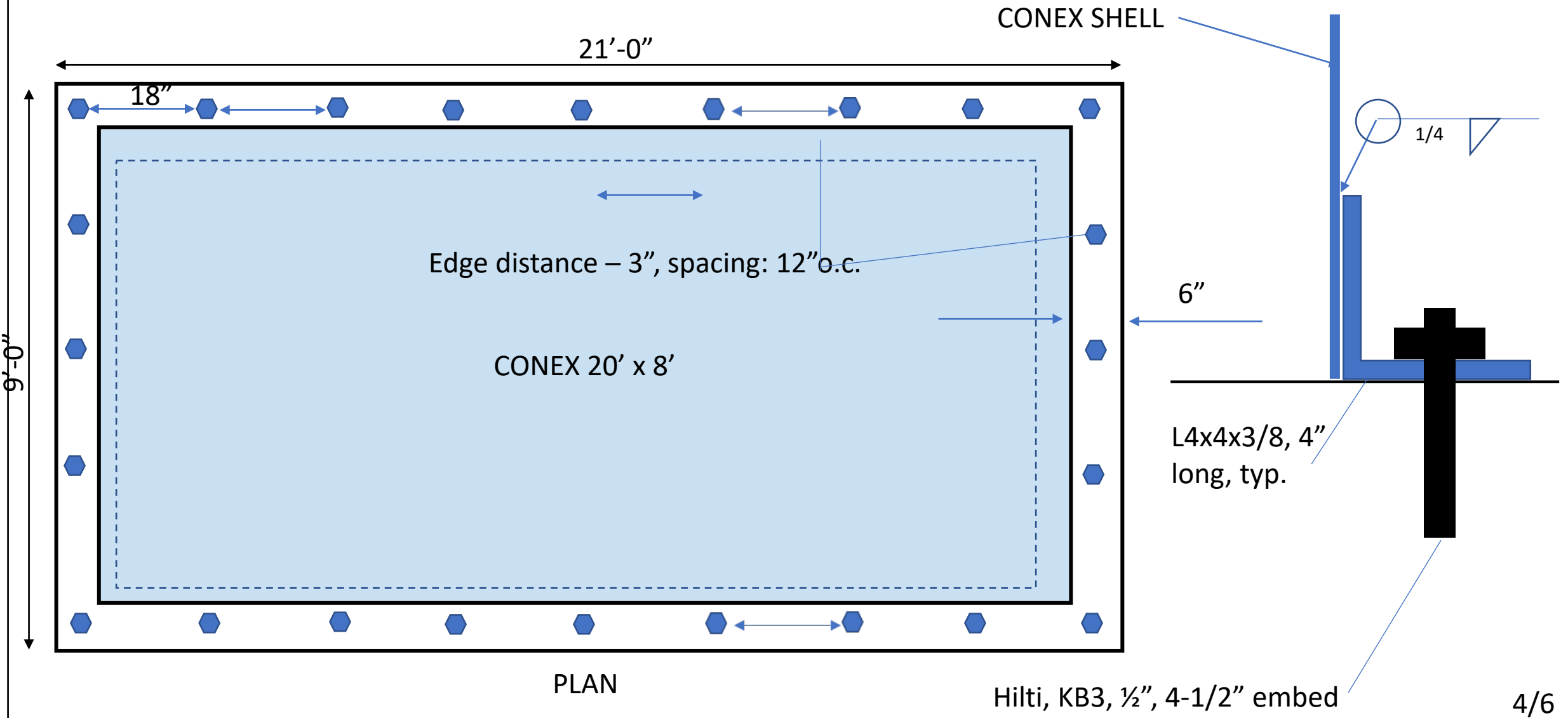
Revised: 10/2017

FORCE 5 CONTRACTOR MODULAR SECURITY ASSESS GATE LAYOUT



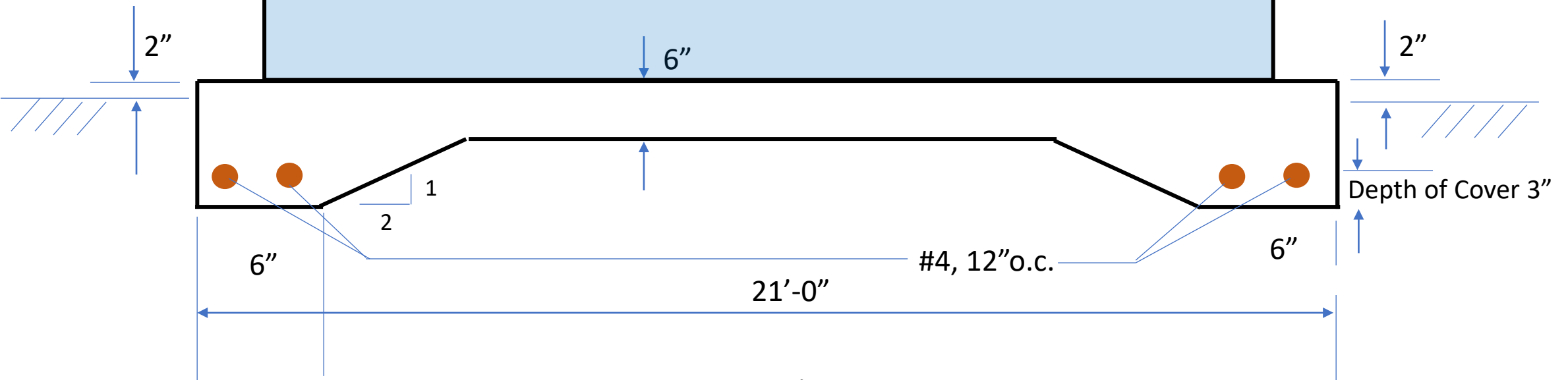


FORCE 5
CONTRACTOR MODULAR SECURITY ASSESS GATE LAYOUT

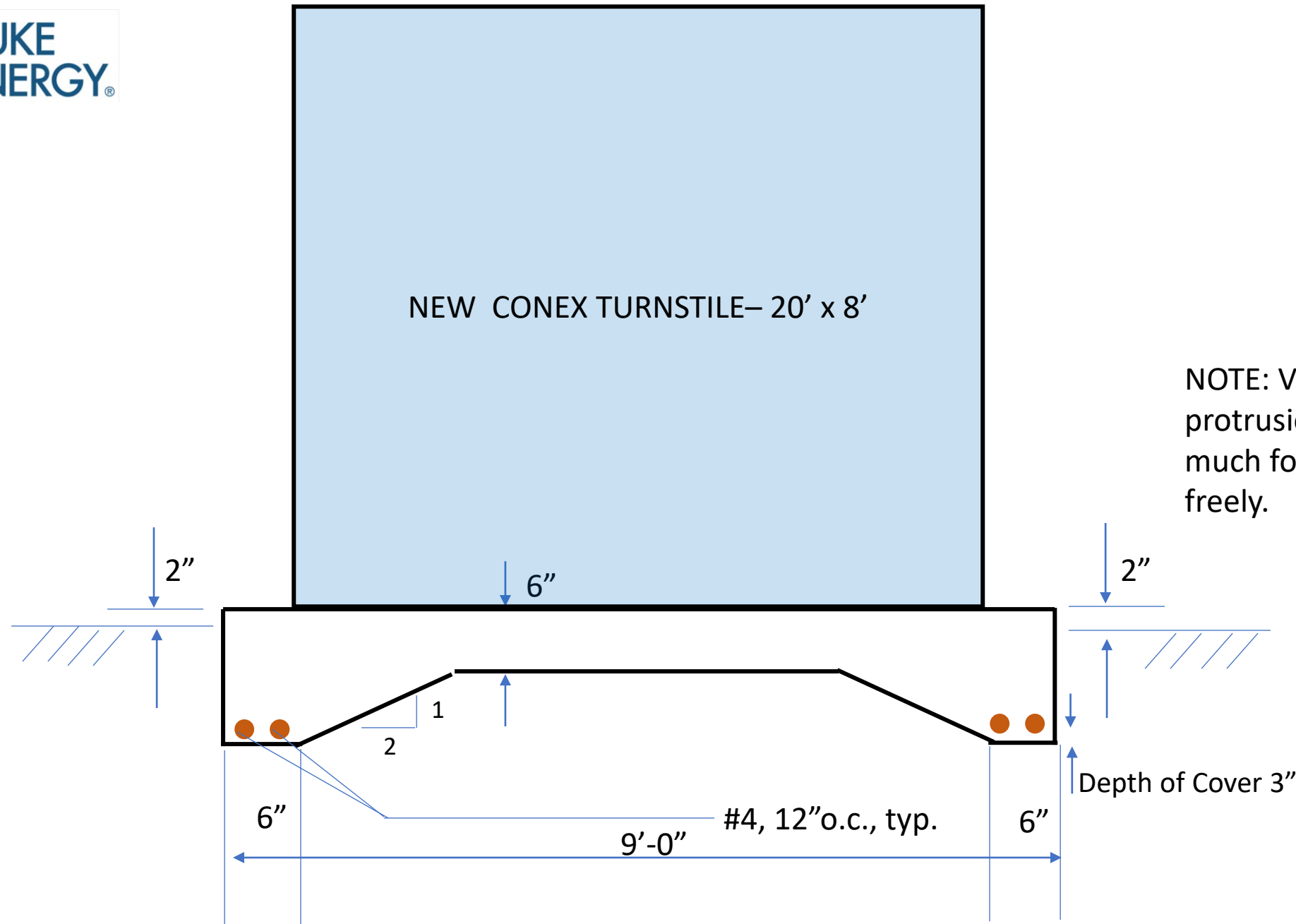


NEW CONEX TURNSTILE— 20' x 8'"

CONCRETE: $f'_c = 4,000$ psi, w/fiber mesh



FRONT/BACK ELEVATION



NOTE: Verify 2" protrusion is not too much for gate to swing freely.

SIDE ELEVATION