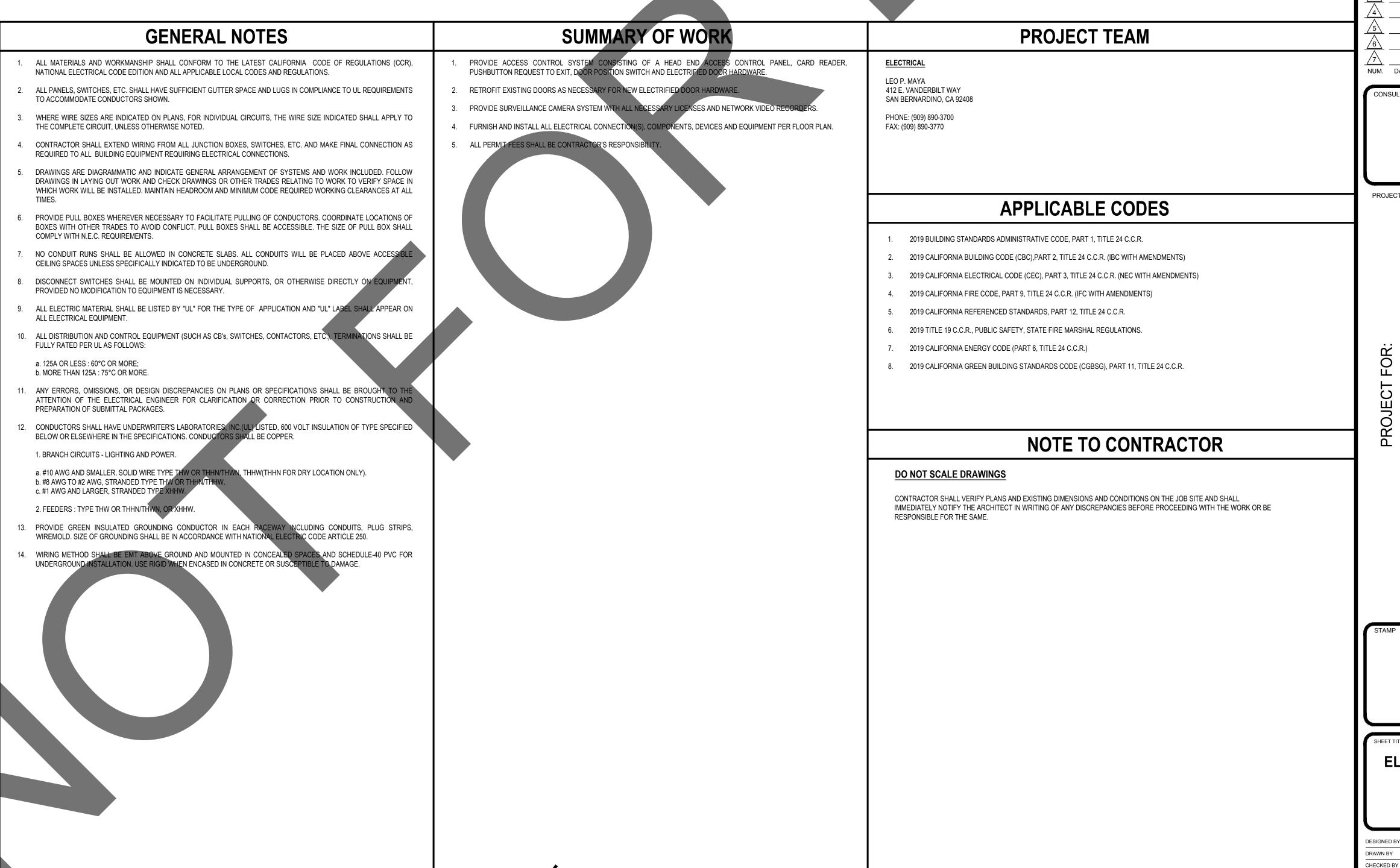


ISD RADIO SITE SECURITY UPGRADES

COUNTY PROJECT #10.10.1024



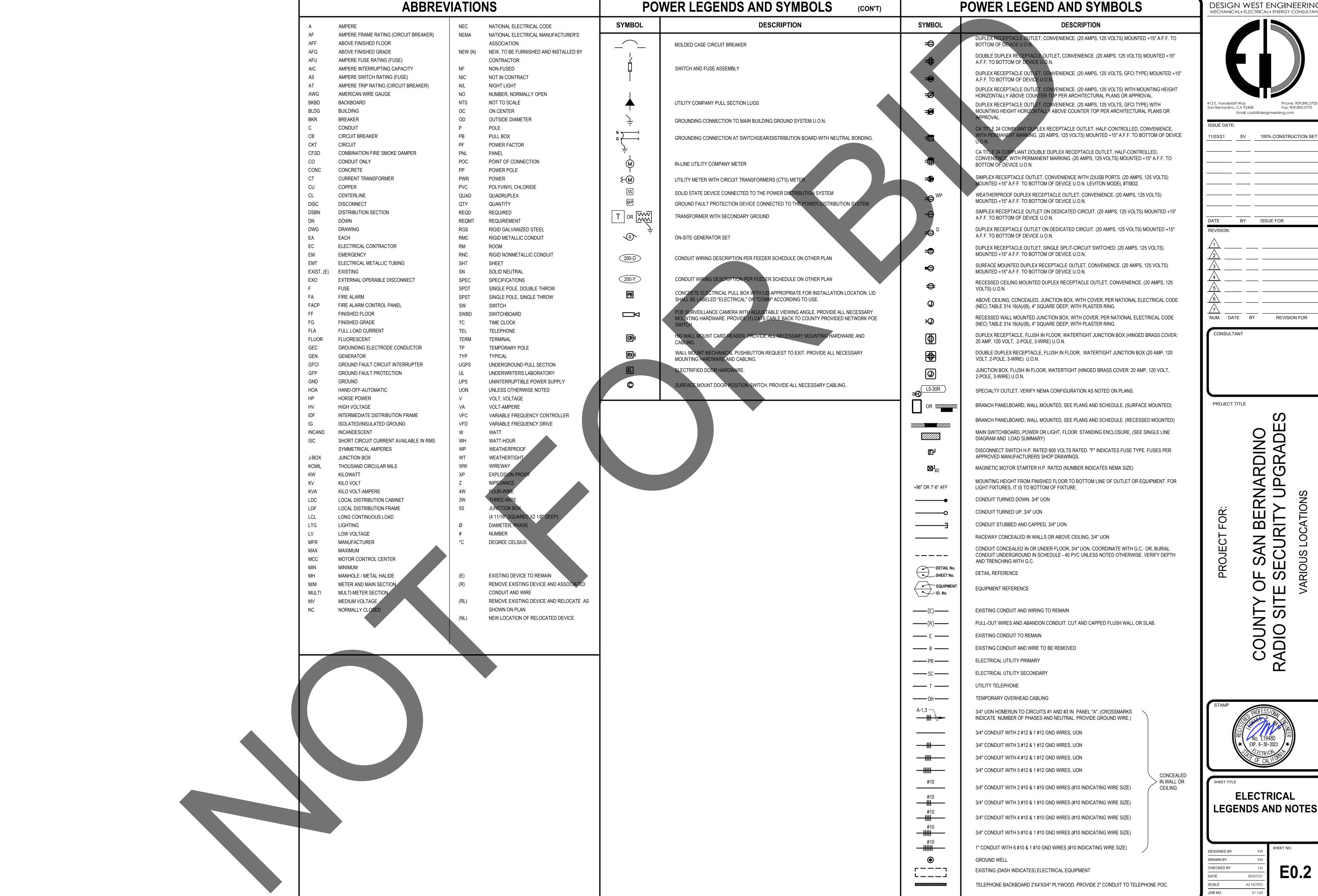
DESIGN WEST ENGINEERING

PROJECT TITLE

ELECTRICAL TITLE SHEET

CHECKED BY SCALE AS NOTED

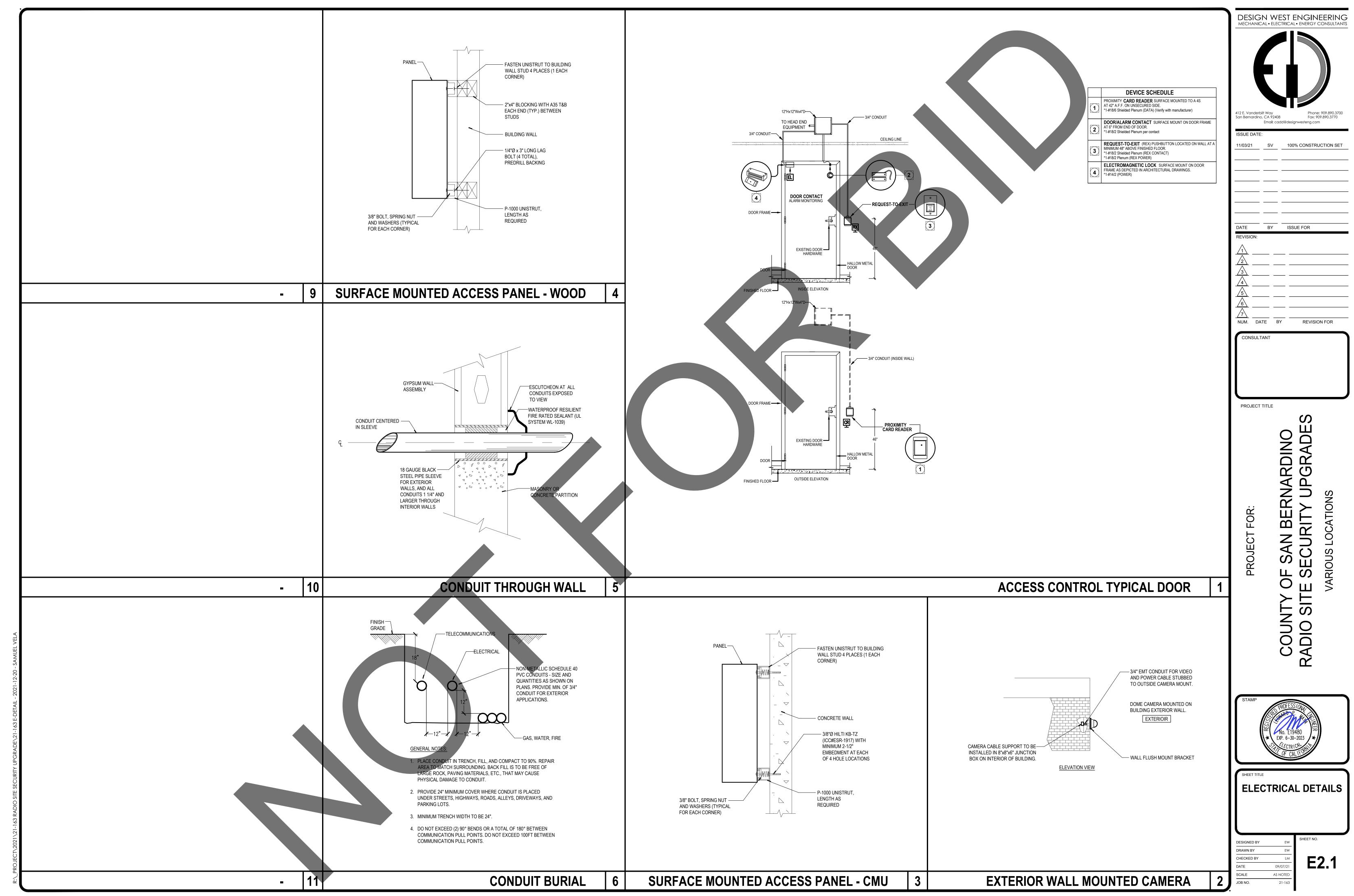
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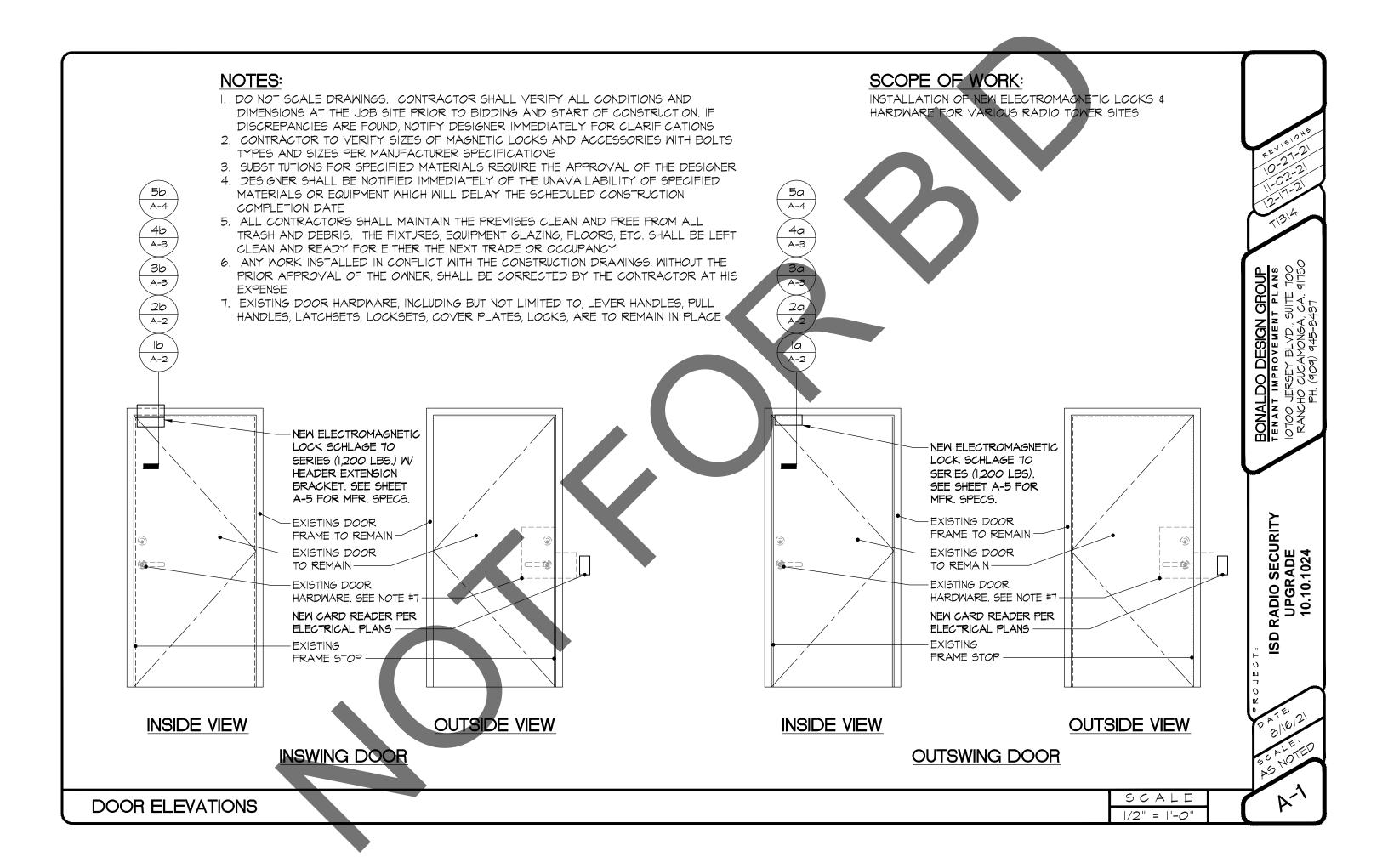


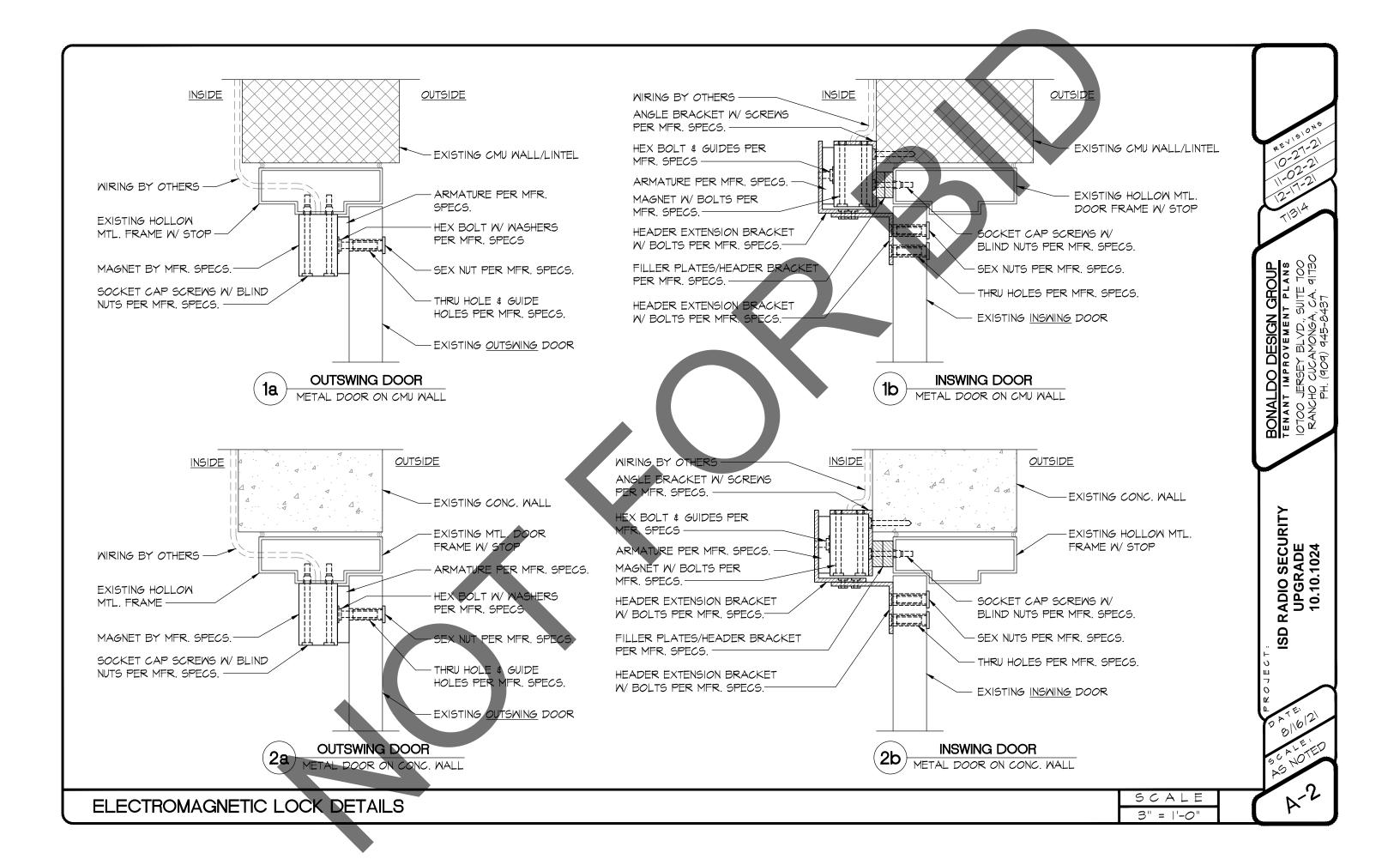
DESIGN WEST ENGINEERING Fax: 909.890.3770 Email: cadd@designwesteng.com 11/03/21 SV 100% CONSTRUCTION SET REVISION FOR **ELECTRICAL**

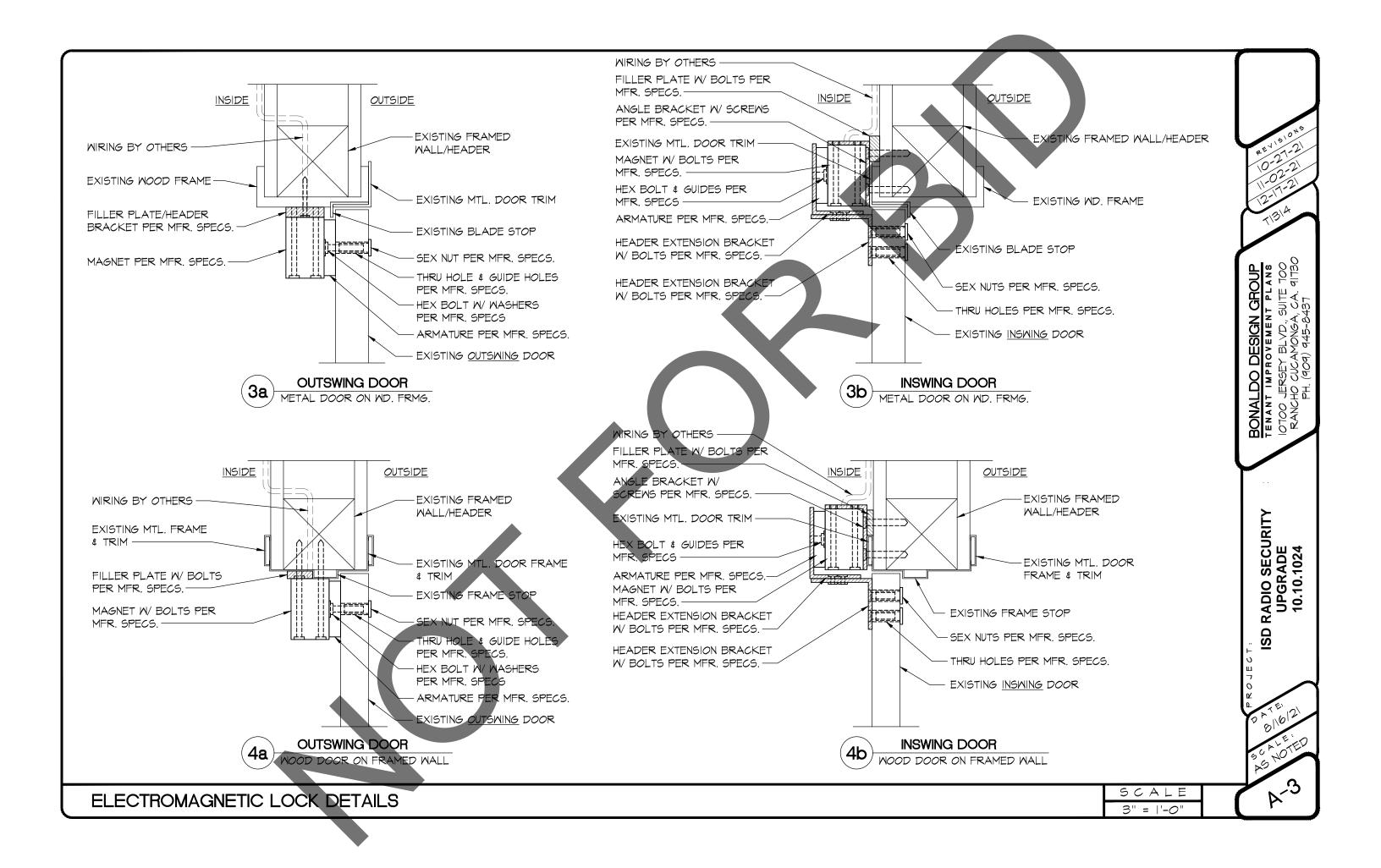
100% CONSTRUCTION SET

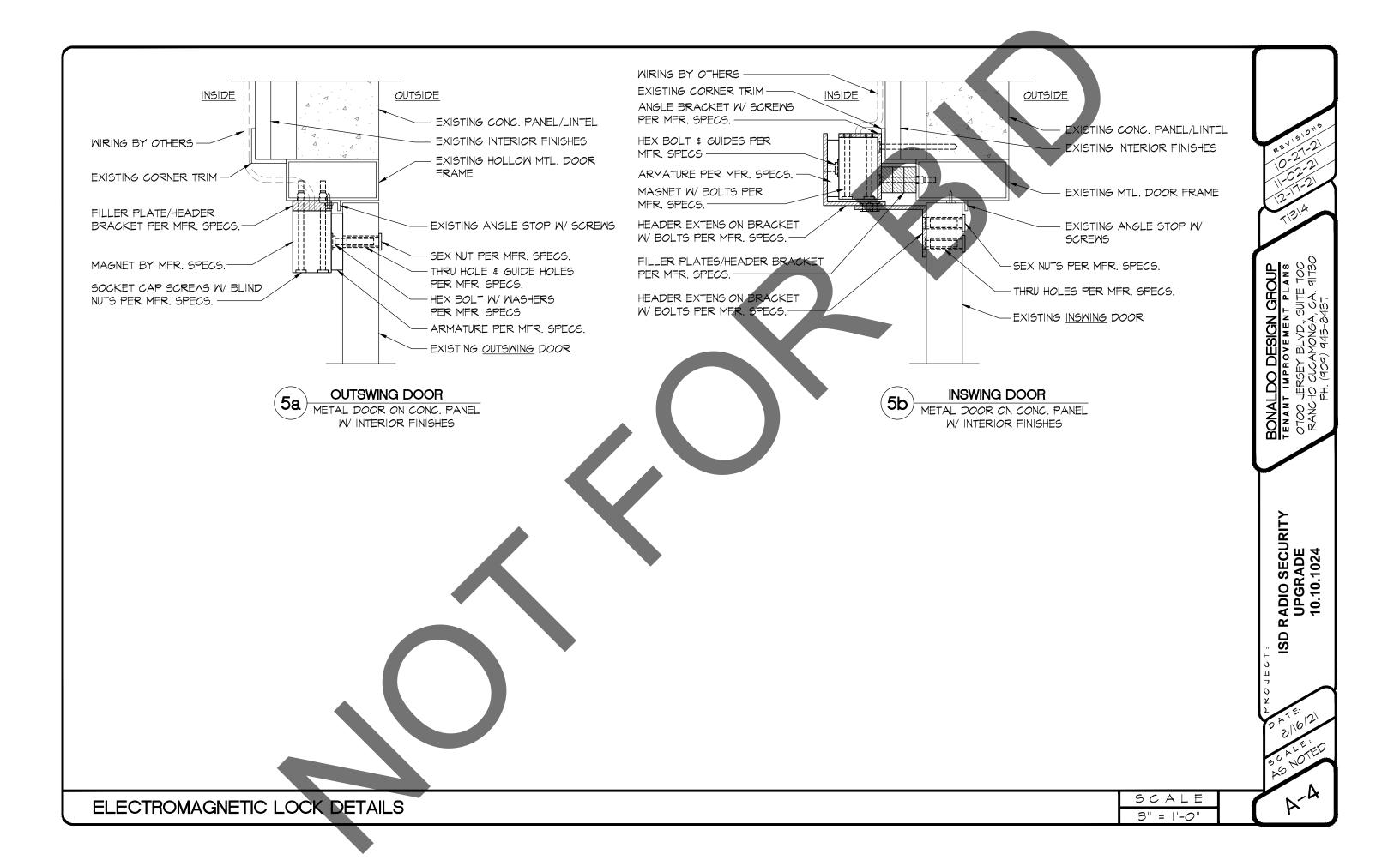
	GENERAL NOTES	DESIGN WEST ENGINEERING MECHANICAL • ELECTRICAL • ENERGY CONSULT
C #18/6 CABLE (CARD READER) D 2#18 SHIELDED CABLE (DOOR POSITION SWITCH) E 2#14 CABLE (ELECTRIFIED DOOR HARDWARE) R 4#16 CABLE (REQUEST TO EXIT) 2. 3.	CAT6 CABLE RUNS SHALL BE LIMITED TO 300'. CABLE SHALL BE RAN IN CONDUIT FOR EXTERIOR APPLICATIONS. INTERIOR APPLICATIONS CAN BE RAN THROUGH EXISTING CABLE TRAY SYSTEM. ALL EXTERIOR CABLING SHALL BE RAN IN MINIMUM 1" CONDUIT. LAYOUT IS AN OVERALL SCHEMATIC. EXACT LOCATIONS WILL DEPEND ON SPECIFIC BUILDING LAYOUT. CONTRACTOR TO PROVIDE PROPOSED SKETCH BASED ON EXISTING FACILITY LAYOUT. REFERENCE ARCHITECTURAL DRAWINGS FOR ELECTRO-MAGNETIC LOCK REQUIREMENTS. INSTALLATION TYPE (INSWING VS OUTSWING) TO BE PART OF A SITE DESCOVERY EFFORT.	Alize. Vanderbilt Way San Bernardino, CA 92408 Email: cadd@designwesteng.com ISSUE DATE: 11/03/21 DATE BY ISSUE FOR REVISION:
	CONSTRUCTION NOTES 1 CAT6 CABLE SHALL BE TERMINATED IN COUNTY PROVIDED POE SWITCH. CONTRACTOR TO VERIFY EXACT SWITCH LOCATION WITH COUNTY PRIOR TO TERMINATING CABLE. 2 PROVIDE 3/4" CONDUIT FOR BUILDING PENETRATION. CONTRACTOR TO PROVIDE ALL NECESSARY COMPONENTS FOR A COMPLETELY WEATHERPROOF INSTALLATION. 3 PROVIDE DEDICATED 120V CIRCUIT FOR NEW ACCESS CONTROL PANEL. CONTRACTOR TO ROUTE CIRCUIT TO ELECTRICAL PANEL WITH 3/4" CONDUIT, 2#12 CONDUCTORS AND 1#12 GROUND. 4 PROVIDE ALL NECESSARY GROUNDING CONNECTIONS FROM COUNTY PROVIDED POE SWITCH TO EXISTING TELECOMMUNICATIONS RACK.	A A A A A A A A A A A A A A A A A A A
		COUNTY OF SAN BERNARDINO RADIO SITE SECURITY UPGRADE VARIOUS LOCATIONS
		STAMP ROFESSION No. E19480 EXP. 6-30-2023 SHEET TITLE ELECTRICAL FLOOR
ENLARGED DEMOLITION POWER PLAN-ISD DATA CENTER SCALE: 1/8" = 1'-0" 1		PLAN DESIGNED BY EW DRAWN BY EW CHECKED BY LM DATE 09/07/21 SCALE AS NOTED JOB NO. 21-163











MagForce™ 40 and 70 Series Electromagnetic Locks The Full Featured Solution



Stainless Steel





Schlage Locknetics introduces the integrator's an answer to retrofit needs for electromagnetics locks. These "Full Featured" electromagnetic locks are easy to stock, easy to select and easy to install. With common templating and standard features, the MagFerce line for retrofit makes sense for virtually every application.

Benefits of Using 40 and 70 Series Electromagnetic Locks

- · Stainless steel housing standard
- · Low amp draw -
- 70 Series .12A @ 24 VDC, 25A @ 12 VDC
- 40 Series .15A @ 24 VDC, 32A @ 12 VDC
- · Simplified armature installation
- · Strong holding forces:

- 70 Series - 1200 lbs.

- 40 Series 600 lbs.
- Universal Header Bracket (UHB)
- Double magnet available with 70 series
- UL 10C 1 Hour Fire Rated







Questions? Call: 866-322-1237 • FAX: 866-322-1233 • Visit us on the Internet at www.schlage.com Schlage - Electronic Security • 575 Birch Street • Forestville, CT 06010 G19

SCHLAGE

MagForce™ 40 and 70 Series Electromagnetic Locks

The Full Featured Solution

How To Order MagForce 40 and 70 Series



1. Select Model

40	Single Lock
70	Single Lock
72	Double Lock

2. Select Accessories

70 Series 40 Series
HDB70 HDB40 Herculite Door Bracket
Universal Header Bracket
HEB Header Extension Bracket
CWB70 CWB40 Concrete/Wood Bracket
Aluminum Spacer Brackets
DC70 DC40 DC40 Dress Cover
174' offset Armature Strike

3. Select Finish (accessories only)

628 US28 Satin Aluminum, Anodized (standard)
605 US3 Bright Brass (Dress Cover Only)
335 US19 Satin Black, Anodized

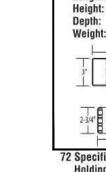




Filler Plates

Filler Plates Available in 628 Satin Aluminum or 335 Satin Black Finishes

1-1/4" x 1/8" 1-1/4" x 1/4" 1-1/4" x 3/8" 1-1/4" x 1/2" 1-1/4" x 5/8"



72 Specifications: Holding Force: 1200 lbs.

Specifications:

Height: Depth:

Weight:

70 Specifications:

Length:

Holding Force: 600 lbs.

Input Voltage: 12/24 VDC Current Draw: .32A@12VDC

.15A@24VDC

17/8"

15/8"

0

Holding Force: 1200 lbs.

Input Voltage: 12/24 VDC

Current Draw: .25A@12VDC

17/8"

7.5lbs

.12A@24VDC

3.5lbs

per door leaf
Input Voltage: 12/24 VDC
Current Draw: .50A@12VDC
.25A@24VDC
Length: 22"

Length: 22" Height: 3" Depth: 1⁷/₈" Weight: 15lbs

Questions? Call: 866-322-1237 • FAX: 866-322-1233 • Visit us on the Internet at www.schlage.com Schlage - Electronic Security • 575 Birch Street • Forestville, CT 06010



BONALDO DESIGN GROUP
TENANT IMPROVEMENT PLANS
IOTOO JERSEY BLVD., SUITE TOO
RANCHO CUCAMONGA, CA. 9130
PH. (909) 945-8431

RADIO SECURITY UPGRADE 10.10.1024

SD

SCALE