

**The Philadelphia Parking Authority
Mellon Independence Center
701 Market Street, Suite 5400
Philadelphia, PA 19106**

**Bid No. 16-32
Proposed Parking Lots at
Ben Franklin Bridge and Third Street
Addendum One**

To: See Email Distribution List

From: Mary Wheeler
Manager of Contract Administration

Date: January 20, 2017

No Pages: 2

This addendum is issued on January 20, 2017 prior to the due date to add, delete, modify, clarify and/or to respond to questions submitted by prospective bidders regarding the work included in the above referenced solicitation.

CLARIFICATIONS, CHANGES AND ADDITIONS TO THE BID DOCUMENTS

1. Drawings C1.0, C3.1 and E7 were revised (Revision C) for miscellaneous clarifications.
2. Specification Section 01 10 00 – Summary was revised to clarify the scope of electrical work, attached as Exhibit A.

QUESTIONS

1. **Question:** *Is the EC responsible for trenching and concrete bases for revenue, communication and security?*

Response: The Electrical Contractor (EC) is responsible for excavation and backfilling of trenches for power, communications and security wiring conduits as indicated on Drawings CD1.0, CD1.1, CD1.2 and E5 and in Specification Sections 31 23 16 - Excavation, 31 23 16.13 - Trenching and 31 23 23 - Fill. Also, refer to the revised Construction Operations Coordination Schedule on Drawing C1.0.

EC shall provide appropriate backfill and make trenches ready for new and reinstalled paving to be performed by the General Contractor.

The new concrete revenue pads and gate operator mounting pads shall be provided by the General Contractor. Electrical Contractor shall coordinate conduit layout with General Contractor and Owner.

2. **Question:** *Card Access supplied by PPA? If so, who supplies pedestals?*

Response: The Card Access equipment and the related pedestals will be provided by Owner and installed by the Electrical Contractor. EC is responsible for providing and installing Type 2 pedestal mounts for the Emergency Call Boxes as indicated on Drawings C3.0 and C3.1 and Specification Section 27 32 26 – Emergency Telephones.

3. **Question:** *Who supplies the intercoms and cameras, PPA or us?*

Response: The intercom system will be provided by Owner and installed by the Electrical Contractor. See revisions to Drawing E7-Rev. C. The Electrical Contractor shall provide the complete surveillance system including head end unit, transmission equipment, conduits, cabling, cameras and related pole mounts as indicated on the Drawings and Specification Section 28 23 00 - Video Surveillance. The cameras located at the Revenue Pads will be installed on Owner provided equipment as shown on Drawings.

4. **Question:** *The contract drawing (ref. C1.0) call for the EC to coordinate the site work with the GC but it is not clear if the EC is required to perform their own; trenching, backfilling, and concreted encasement of the electrical/control conduits? Is all civil work being performed by the GC? Please advise.*

Response: Refer to Response #1. The Electrical Contractor is also responsible to provide any concrete encasement of electrical/control conduits as indicated in Specification Section 25 05 34 - Conduit. All non-electrical civil work shall be performed by the General Contractor.

5. **Question:** *Does the PPA have a preferred vendor that they use for security systems work (cameras, etc.)?*

Response: The proposed video surveillance system for this project will need to communicate with PPA's current surveillance system at their headquarters facility. PPA currently holds a maintenance and service contract with Advanced Electronic Security for their current video surveillance system.

Advanced Electronic Security
4 Mourar Drive
Spring City, PA 19475
Jason Jackson
jjackson@aessecurity1.com
610-469-0841

The manufacturer/installer/maintenance contractors' qualifications should meet or exceed the requirements cited in Specification Section 28 23 00 - Video Surveillance.

6. **Question:** *Which contract performs the excavation required for the installation of electrical work? EC Prime or GC Prime?*

Response: Refer to Responses #1 and #4.

END OF ADDENDUM ONE

EXHIBIT A

SECTION 01 10 00

SUMMARY

PART 1 GENERAL

1.01 PROJECT

- A. Project Name: Bid No.16-32 Proposed Parking Lots at The Benjamin Franklin Bridge and Third Street Philadelphia, PA 19106 .
- B. Owner's Name: The Philadelphia Parking Authority.
- C. Project Manager: Chris Perks PE, The Philadelphia Parking Authority.
- D. Architect's Name: Carlos Raul Rodriguez Architect.
- E. Project Coordinator's Name: General Contractor.
- F. The Project consists of the construction of three (3) surface parking lots in two (2) phases providing 194 spaces under the existing Ben Franklin Bridge, complete with two new underground electrical services, an attendant's office trailer, three revenue control stations, estate style fences and motorized gates, parking lot striping, video surveillance, telephone and signage.
- G. Project Location: Below the Benjamin Franklin Bridge between Front and Fourth Streets, Philadelphia, PA 19106.

1.02 CONTRACT DESCRIPTION

- A. Contract Type: Multiple prime contracts, each based on a Stipulated Price as described in Document 00 50 00 - Contracting Forms and Supplements.
- B. The Philadelphia Parking Authority will contract with two (2) separate Prime Contractors to provide all labor, materials, equipment and supervision for their respective work as shown on the drawings and specifications.
- C. The work of each separate prime contract is identified in this section and on the Drawings.

1.03 PROPOSED PROJECT DESCRIPTION

- A. The project entails providing all required materials, labor and equipment to construct three (3) surface parking lots and related structures to include, but not limited to, the following:
 - 1. Demolition of existing fences, gates, bollards and related foundations.
 - 2. Demolition of existing curbs, sidewalks and other pavings.
 - 3. Excavations and trench for new electrical service and distribution and communications conduits and wiring.
 - 4. Minor site grading.
 - 5. Installation of new raised concrete pads for Owner-installed parking revenue equipment to include curbs, sidewalk, ramps and other detectable warning pavings.
 - 6. Installation of new concrete footings and masonry piers for an Owner-supplied prefabricated office trailer and metal steps.
 - 7. Installation of new raised concrete pads for electrical equipment.
 - 8. Installation of new estate style fences, manual and motorized cantilever gates and related foundations.
 - 9. Re-installation of existing stone setts pavers.
 - 10. Installation of new bollards and related foundations.
 - 11. Infill of new electrical trenches complete with new subbase, topsoil, concrete and stone pavings.
 - 12. Installation of new striping and other pavement markings.
 - 13. Installation of new signs.
 - 14. Installation of two (2) new exterior post-mounted electrical services complete with all distribution panels, enclosed switches, circuit breakers, conduits, supports and wiring required for a complete and approved installation.

15. Installation of new embedded electrical conduits, boxes and line voltage conductors for Owner-supplied parking revenue equipment.
16. Installation of new embedded and surface-mounted electrical conduits, boxes and low voltage conductors for new video surveillance equipment.

1.04 SCOPE OF WORK

- A. Scope of demolition and removal work is shown on drawings and specified in Section 02 41 00.
- B. Scope of alterations and new work is shown on drawings.
- C. Electrical Power: Add new construction.
 1. Installation of two (2) new exterior post-mounted electrical services complete with all distribution panels, enclosed switches, circuit breakers, conduits, supports and wiring required for a complete and approved installation.
- D. Video Surveillance System: Add new construction.
- E. Prime Contractor shall remove and store the following prior to start of work, for later reinstallation by Prime Contractor:
 1. Existing stone setts pavers (cobblestones).
 2. Existing concrete barriers.

1.05 WORK BY OWNER

- A. Owner will supply and install the following during and after completion of the Work:
 1. Parking lot identification signs.
- B. The following items noted NIC (Not in Contract) on the Drawings will be supplied by the Owner and installed by the Prime Contractors.
 1. Prefabricated office trailer and metal steps.
 2. Parking revenue equipment.

1.06 OWNER OCCUPANCY

- A. Owner intends to occupy and operate Lot "A" prior to the completion date for initial operations.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

1.07 CONTRACTOR USE OF SITE

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Arrange use of site to allow:
 1. Owner occupancy.
 2. Work by Others.
 3. Work by Owner.
- C. Provide access to and from site as required by law and by Owner:
 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
 2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- D. Existing site areas may be used for storage and staging of work as directed and approved by the Owner.
 1. Refer to drawings indicating areas noted with "Restricted Area / Keep Clear" prohibiting any use or access of such areas.
- E. Time Restrictions:
 1. Limit conduct of especially noisy, malodorous, and dusty exterior work to the hours of 7 am to 6 pm.
 2. Any Work to be performed at night or weekend other than holiday weekends shall be pre-approved, directed and coordinated with the Owner.

- F. Utility Outages and Shutdown:
 - 1. Limit disruption of utility services to hours the site is unoccupied.
 - 2. Prevent accidental disruption of utility services to other facilities.

1.08 WORK SEQUENCE

- A. Perform Work in phases during the construction period according to the following schedule:
 - 1. Phase 1: Completion of Lot "A".
 - 2. Phase 2: Completion of Lots "B" and "C".
- B. Work by separate Prime Contractors can occur simultaneously; as much as practical.
- C. The Project Coordinator shall coordinate the construction schedule and operations with Owner and the Project Manager.

1.09 SPECIFICATION SECTIONS APPLICABLE TO ALL CONTRACTS

- A. Unless otherwise noted, all provisions of the sections listed below apply to all contracts. Specific items of work listed under individual contract descriptions constitute exceptions.
- B. Section 01 10 00 - Summary.
- C. Section 01 20 00 - Price and Payment Procedures.
- D. Section 01 21 00 - Allowances.
- E. Section 01 22 00 - Unit Prices.
- F. Section 01 30 00 - Administrative Requirements.
- G. Section 01 32 16 - Construction Progress Schedule.
- H. Section 01 35 53 - Security Procedures.
- I. Section 01 40 00 - Quality Requirements.
- J. Section 01 50 00 - Temporary Facilities and Controls.
- K. Section 01 60 00 - Product Requirements.
- L. Section 01 70 00 - Execution and Closeout Requirements.
- M. Section 01 78 00 - Closeout Submittals.
- N. Section 02 41 00 - Demolition.
- O. Section 07 90 05 - Joint Sealers.
- P. Section 08 71 00 - Door Hardware.
- Q. Section 09 90 00 - Painting and Coating.
- R. Section 11 14 00 - Pedestrian Control Equipment.
- S. Section 31 23 16 - Excavation.
- T. Section 31 23 23 - Fill.
- U. Section 32 31 19 - Decorative Metal Fences and Gates.

1.10 CONTRACT NO. BID NO. 15-32 PROPOSED PPA AUTOPARK BFB - GENERAL CONSTRUCTION

- A. Specification sections listed above as applicable to all contracts.
- B. Provide all Work except Work specifically assigned to other contractors in this Section.
- C. Drawings: All drawings listed in Section 00 01 15 - List of Drawing Sheets..

1.11 CONTRACT NO. BID NO. 15-32 PROPOSED PPA AUTOPARK BFB - ELECTRICAL CONSTRUCTION

- A. Specification sections listed above as applicable to all contracts.
- B. Division 26 - Electrical: All Electrical sections identified in Section 00 01 10 - Table of Contents.

- C. Division 27 - Communications: All Electrical sections identified in Section 00 01 10 - Table of Contents.
- D. Division 28 - Electronic Safety and Security: All Electrical sections identified in Section 00 01 10 - Table of Contents.
- E. Section 31 23 16.13 - Trenching.
- F. Drawings: All drawings listed in Section 00 01 15 - List of Drawing Sheets.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

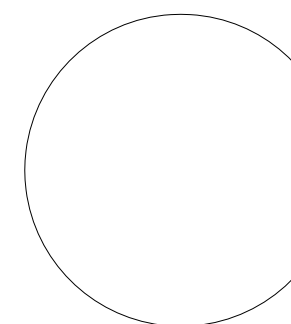
C

CONSTRUCTION OPERATIONS COORDINATION SCHEDULE			LEGEND					REMARKS
SYSTEM / EQUIPMENT	TASK		GC	EC	PM	PECO	COMCAST	
GENERAL CONSTRUCTION	FOOTINGS AND FOUNDATIONS	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	
	TRAILER AND STEPS	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	PM TO COORDINATE WITH GC FOR DELIVERY AND STORAGE. GC TO COORDINATE WITH EC AND PM FOR ELECTRICAL SERVICE AND REVENUE EQUIPMENT.
	FENCES, GATES, BOLLARDS AND EXCAVATION	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	GC TO COORDINATE WITH EC AND PM FOR ELECTRICAL CONNECTIONS, COMMUNICATIONS AND REVENUE EQUIPMENT INSTALLATIONS.
	REVENUE EQUIPMENT	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	PM TO COORDINATE WITH GC FOR DELIVERY AND STORAGE. PM TO COORDINATE WITH EC FOR POWER AND CONTROL WIRING AND WITH GC FOR EQUIPMENT LOCATIONS.
SITE WORK	SITE EXCAVATION, TRENCHING AND BACKFILLING	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	EC TO COORDINATE WITH GC FOR TRENCH LOCATIONS AND RE-PAVING.
	GRADING		●	●	●	●	●	GC TO COORDINATE WITH EC.
	CURBWORK AND PAVING	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	GC TO COORDINATE WITH EC FOR TRENCHES, POWER AND CONTROL WIRING AND WITH PM FOR REVENUE EQUIPMENT AND TRAILER LOCATIONS.
	PAVEMENT MARKINGS AND SIGNAGE	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	
ELECTRICAL	ELECTRICAL AND COMMUNICATIONS SERVICE	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	EC TO COORDINATE WITH PECO AND COMCAST FOR SERVICE AND METER/EQUIPMENT LOCATIONS. EC TO COORDINATE WITH PECO AND COMCAST FOR CONNECTION TO NEW SERVICES AND GC FOR ELECTRICAL EQUIPMENT PLACEMENT.
	POWER	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	EC TO COORDINATE WITH GC AND PM FOR ELECTRICAL CONNECTIONS AND REVENUE EQUIPMENT AND TRAILER LOCATIONS.
	COMMUNICATIONS AND CONTROL WIRING	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	EC TO COORDINATE WITH GC AND PM FOR ELECTRICAL AND COMMUNICATIONS CONNECTIONS AND REVENUE EQUIPMENT LOCATIONS.
	SURVEILLANCE SYSTEM	PROVIDE MATERIALS INSTALLATION	●	●	●	●	●	EC TO COORDINATE WITH GC AND PM FOR ELECTRICAL CONNECTIONS, REVENUE EQUIPMENT LOCATIONS AND SURVEILLANCE SYSTEM INTEGRATION.



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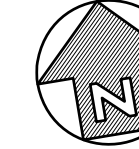


Signature Date

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B	RRR	6JAN17	ISSUED FOR PUBLIC BID
A	RRR	15DEC16	ISSUED FOR REVIEW NOT FOR CONSTRUCTION



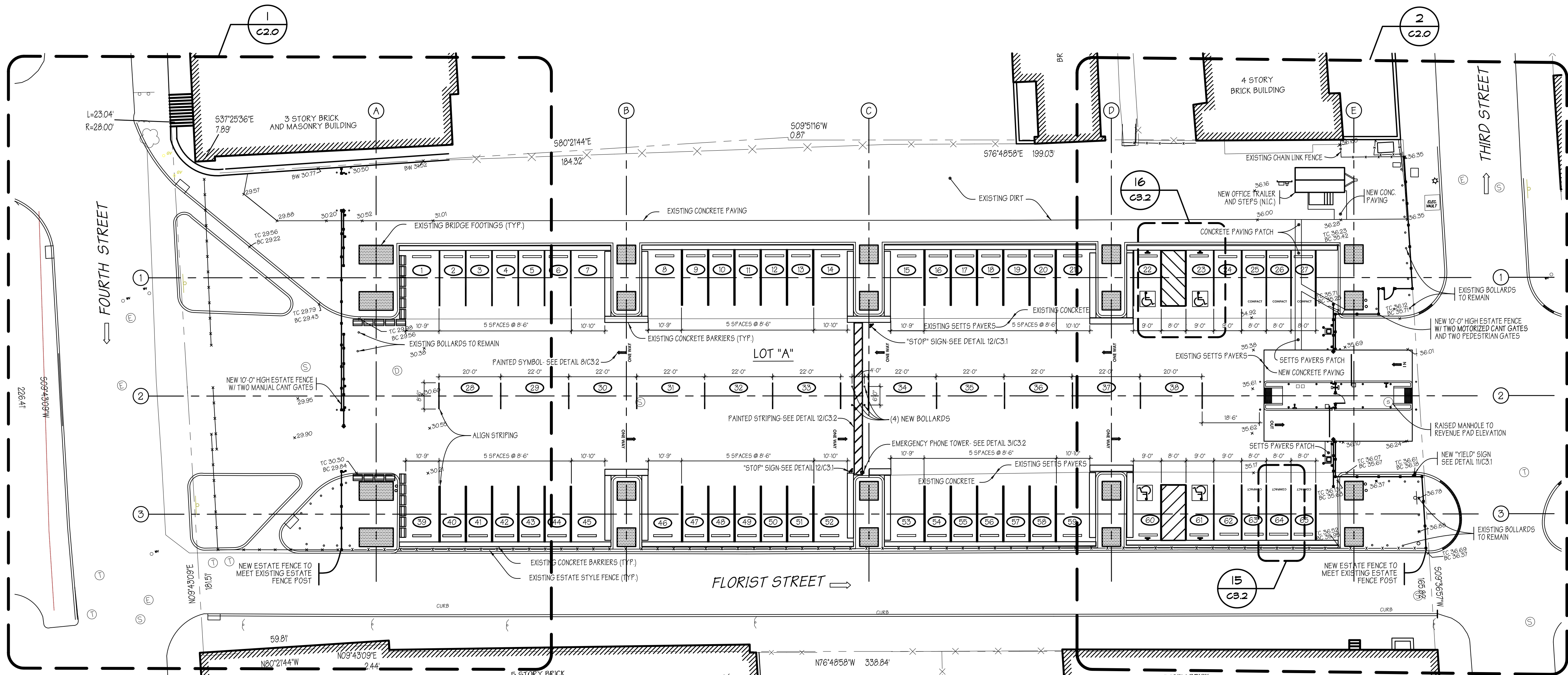
PROJECT NORTH

BID NO. 16-32
PROPOSED PARKING LOTS AT
THE BENJAMIN FRANKLIN BRIDGE
AND THIRD STREET
PHILADELPHIA, PA

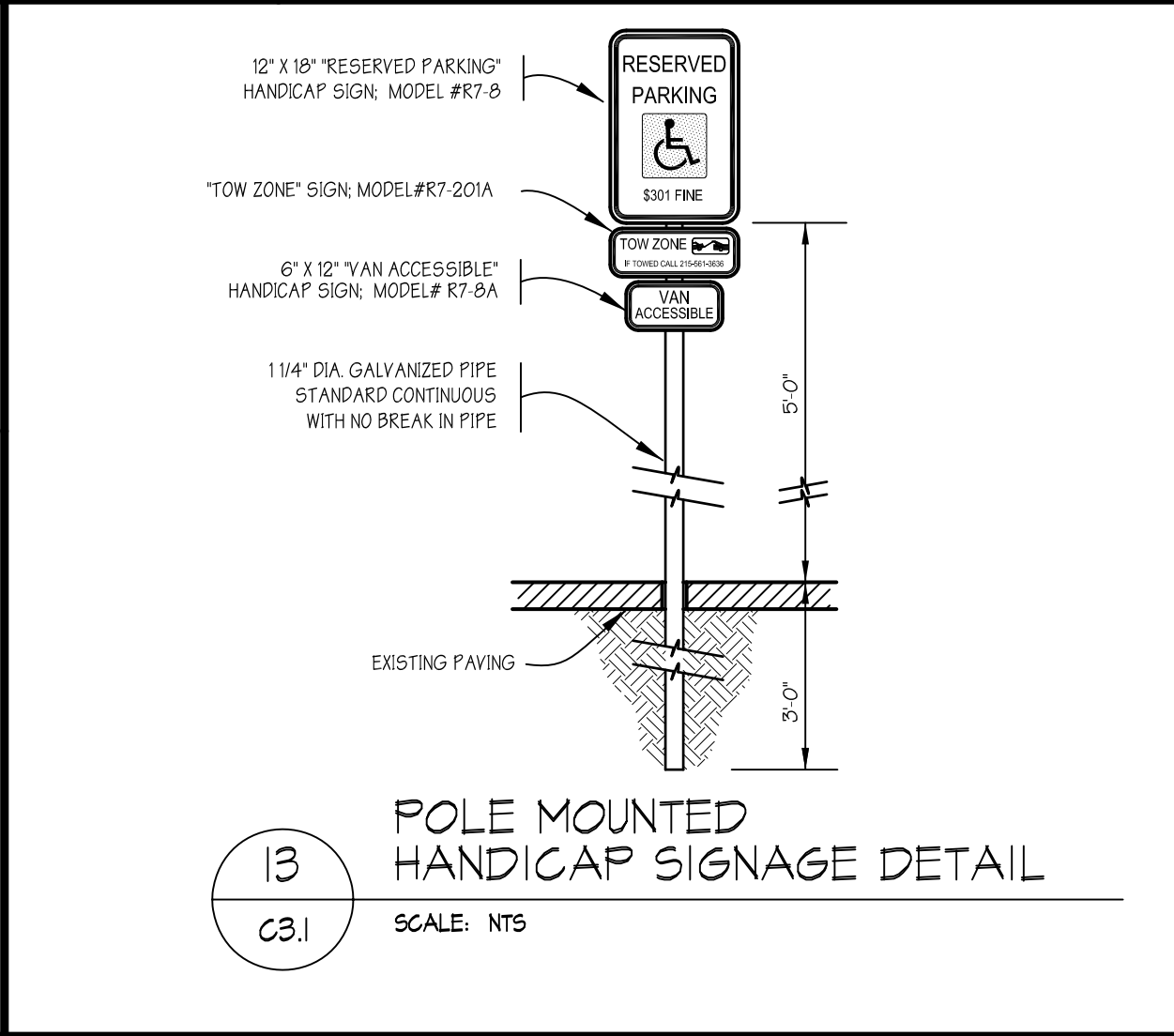
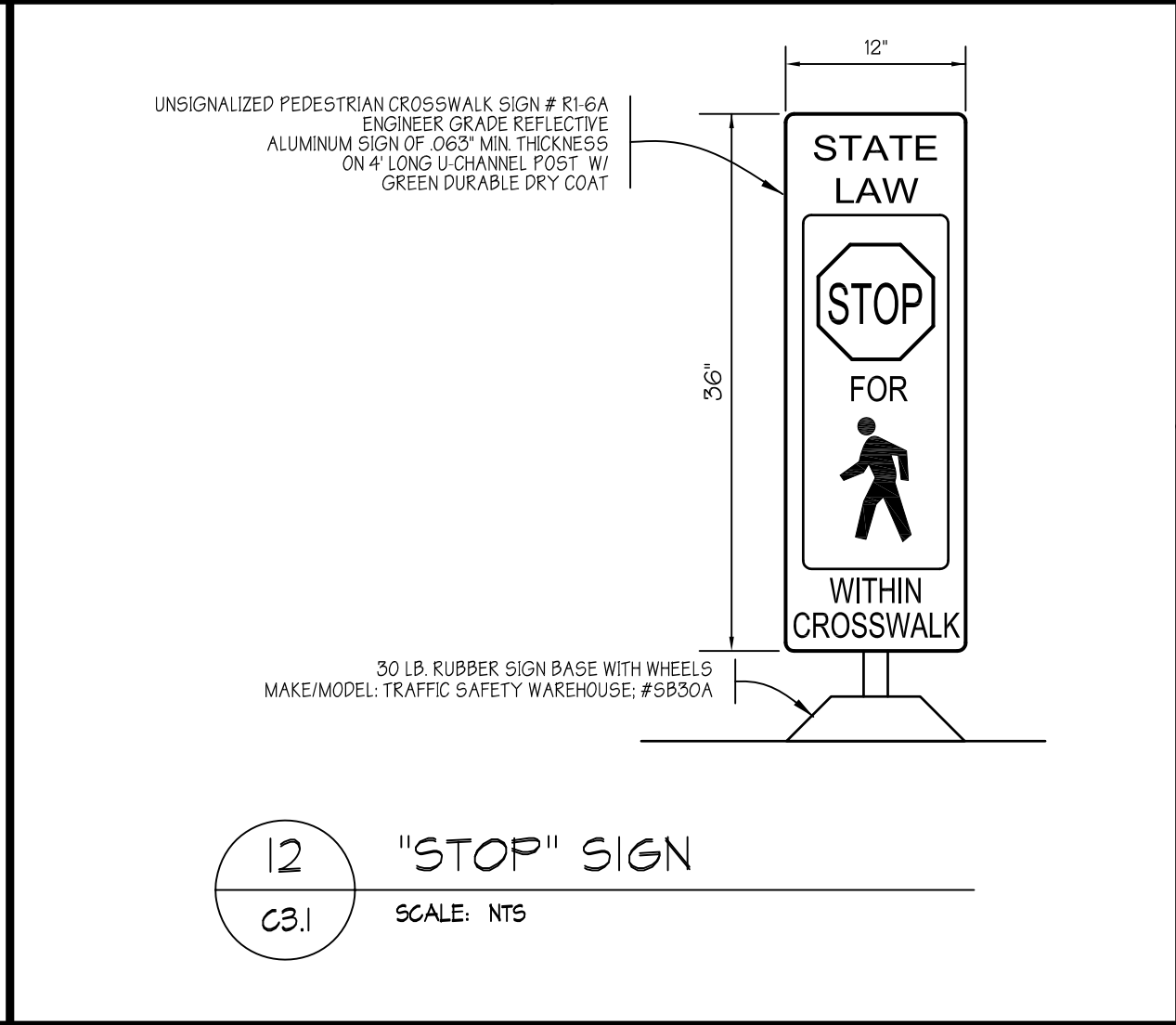
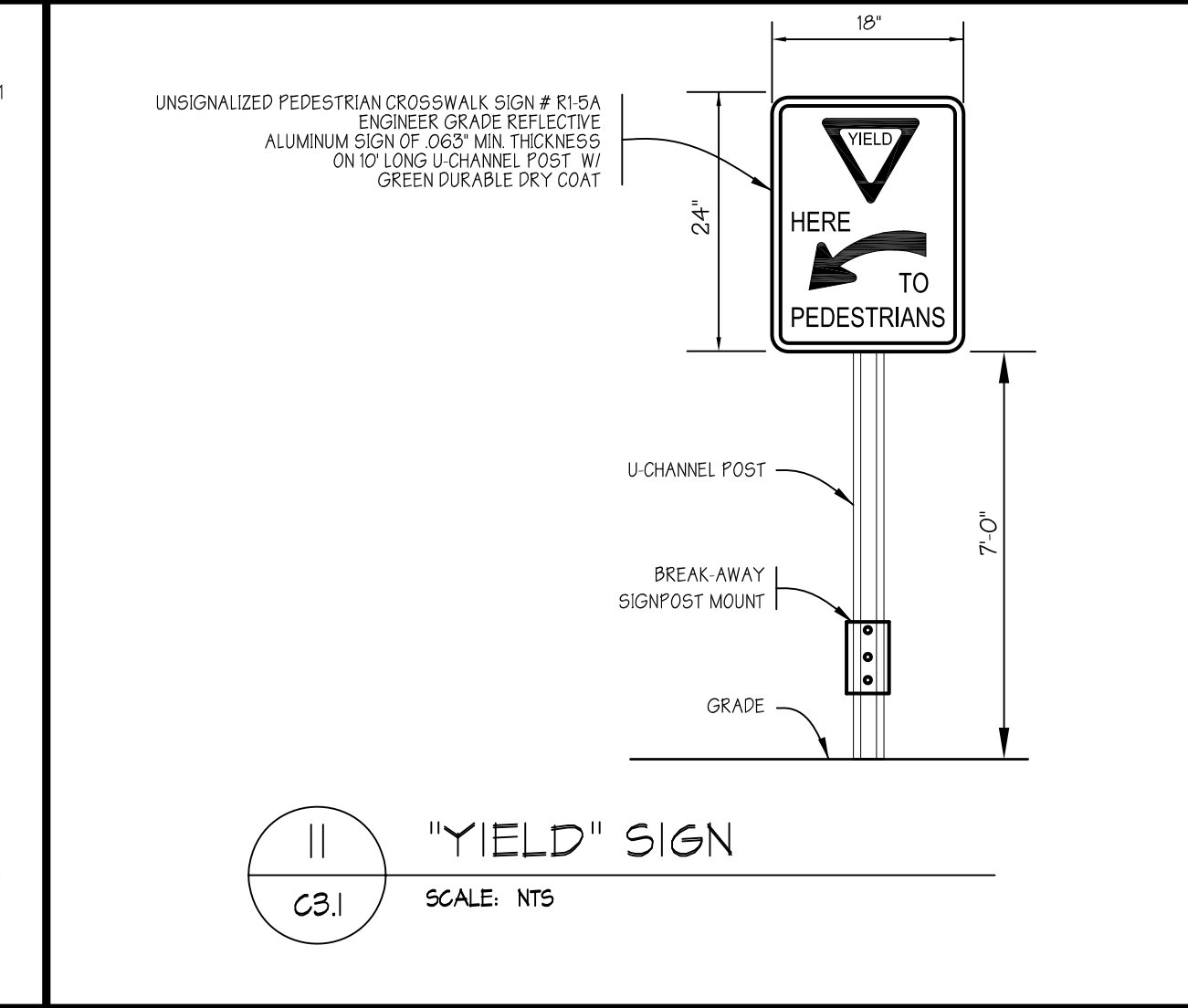
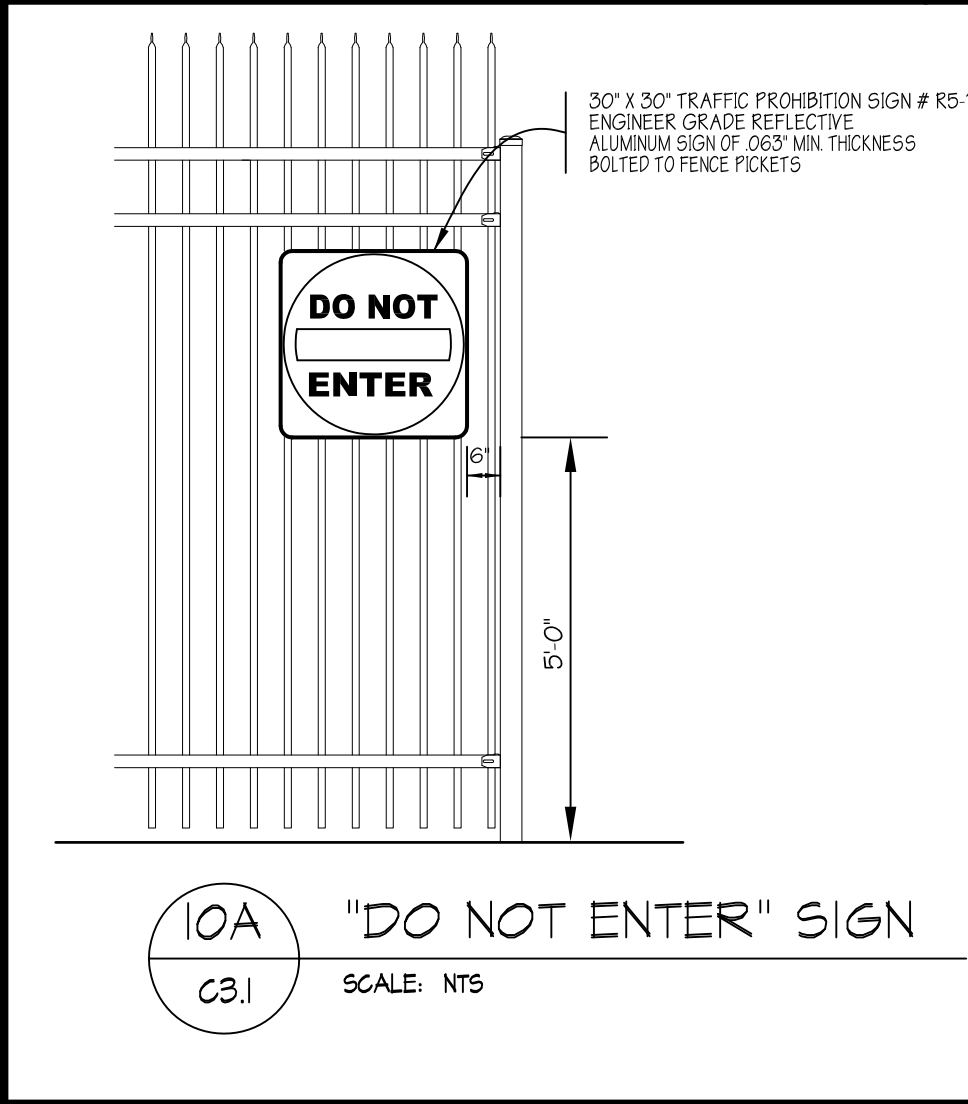
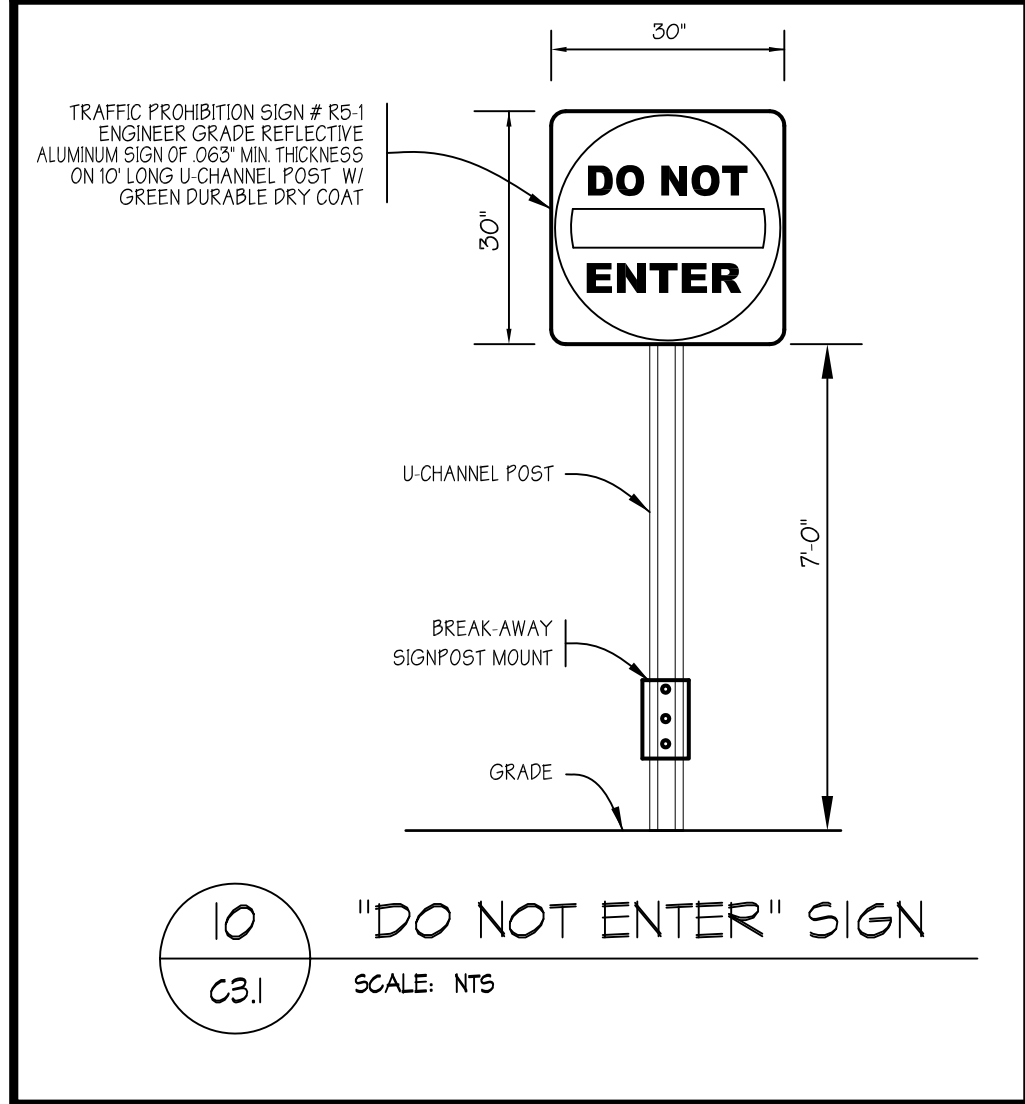
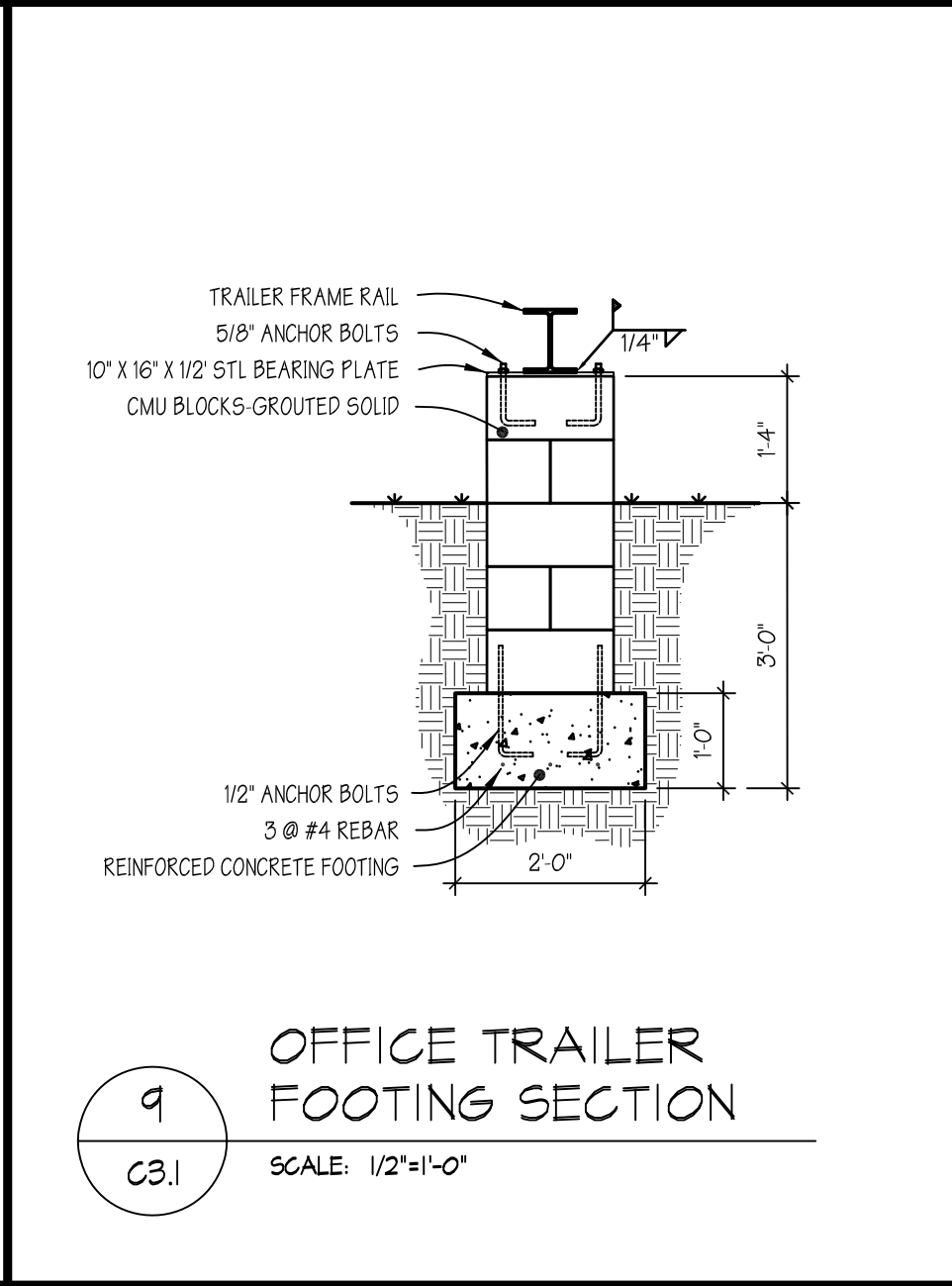
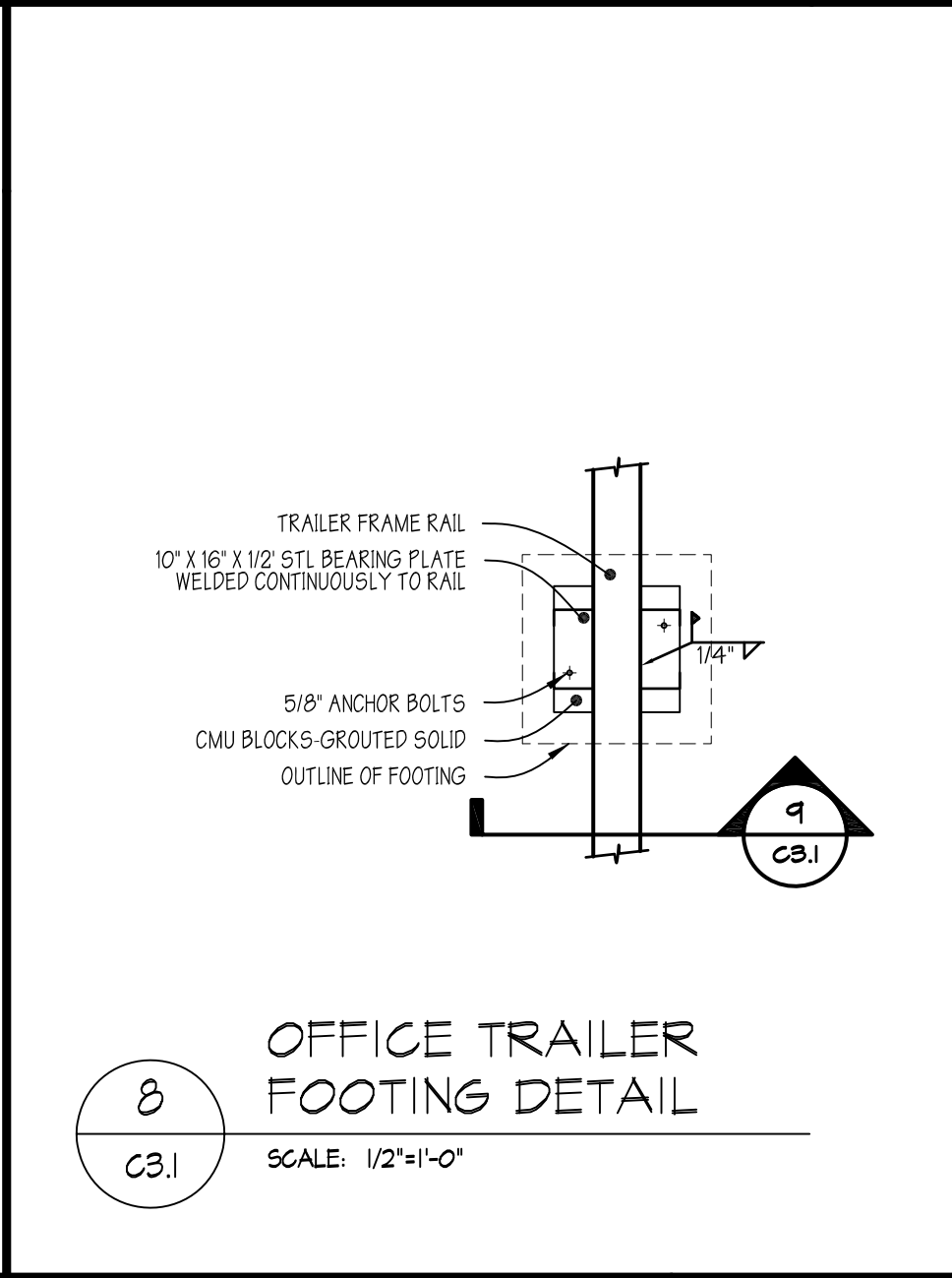
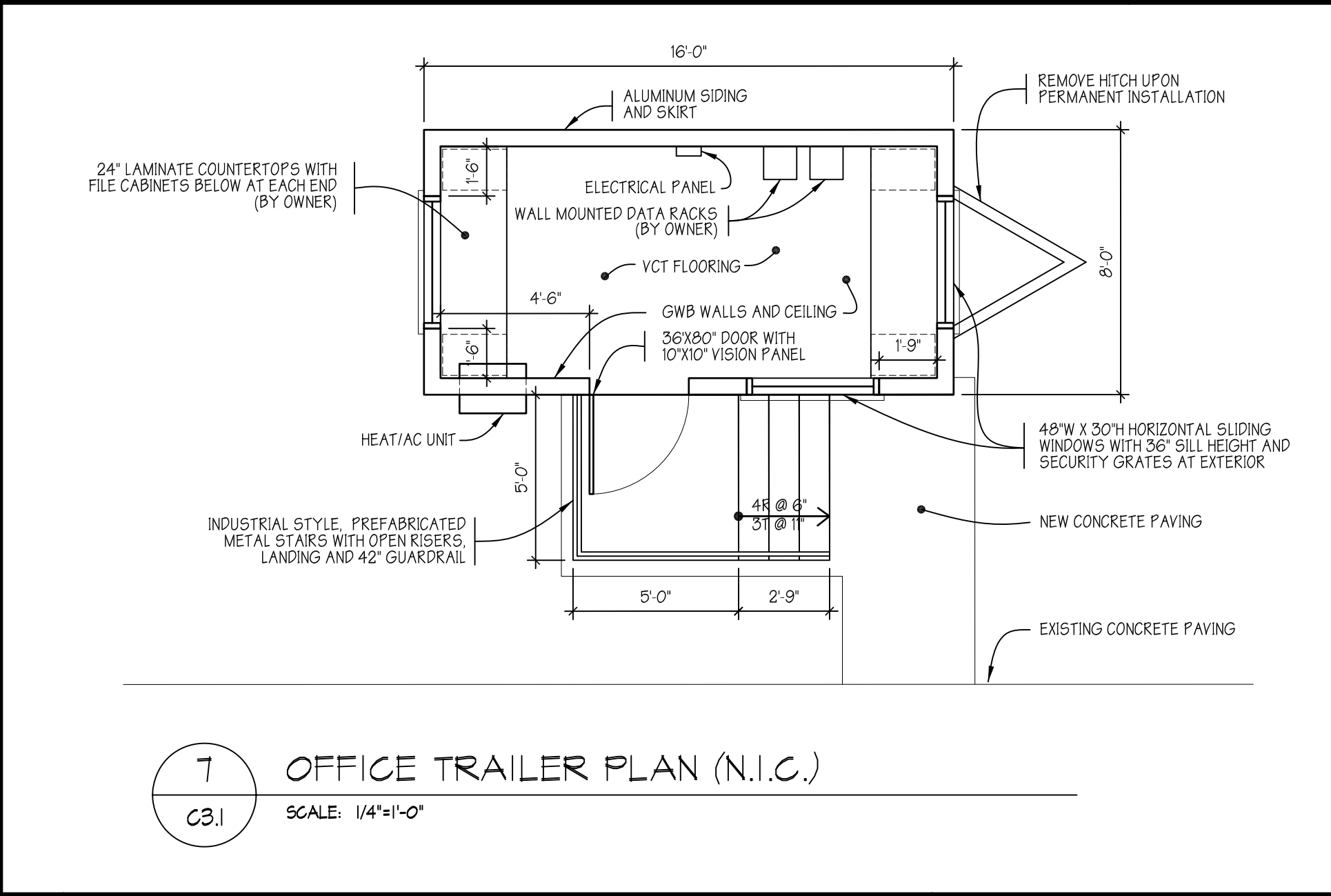
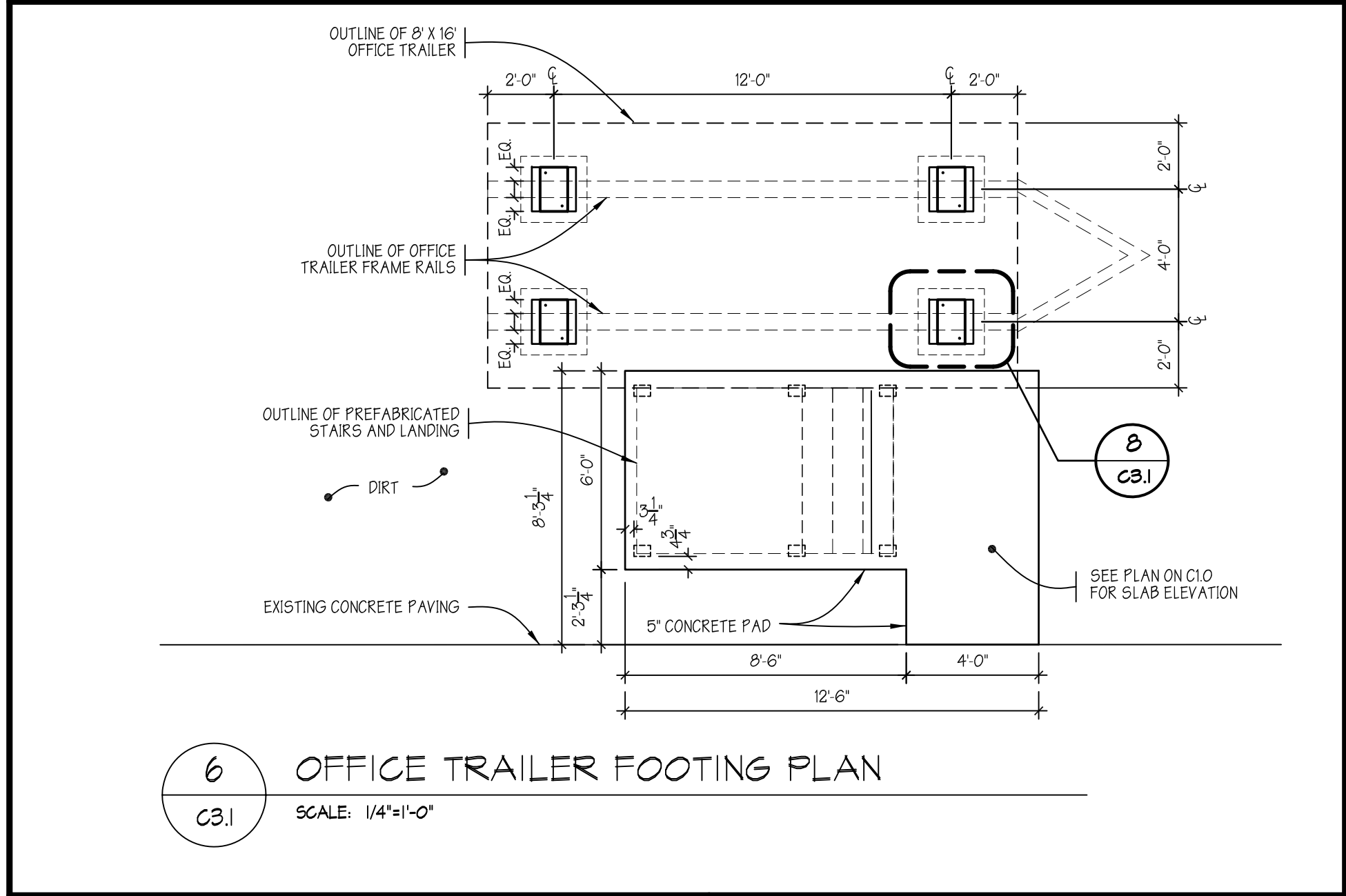
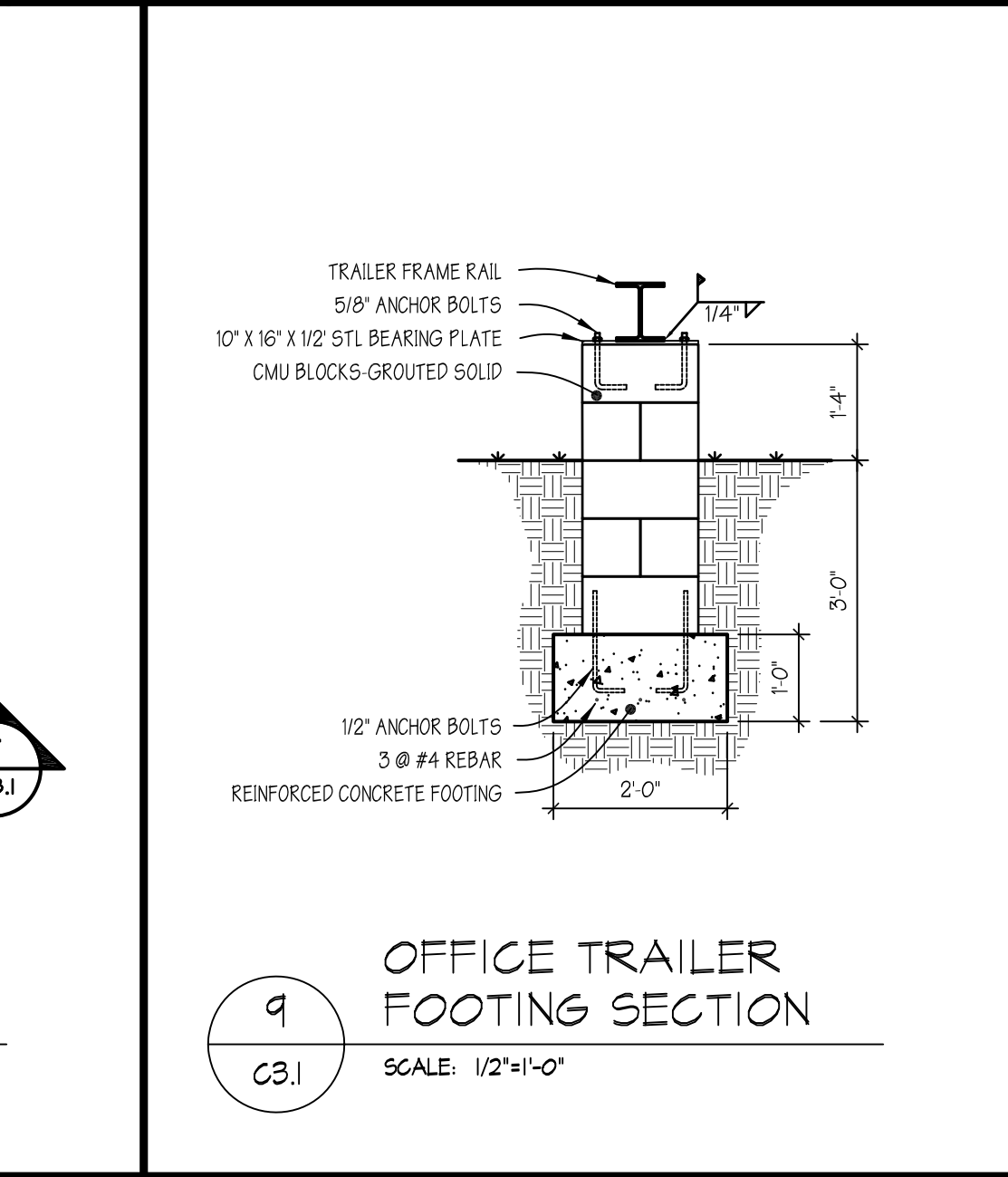
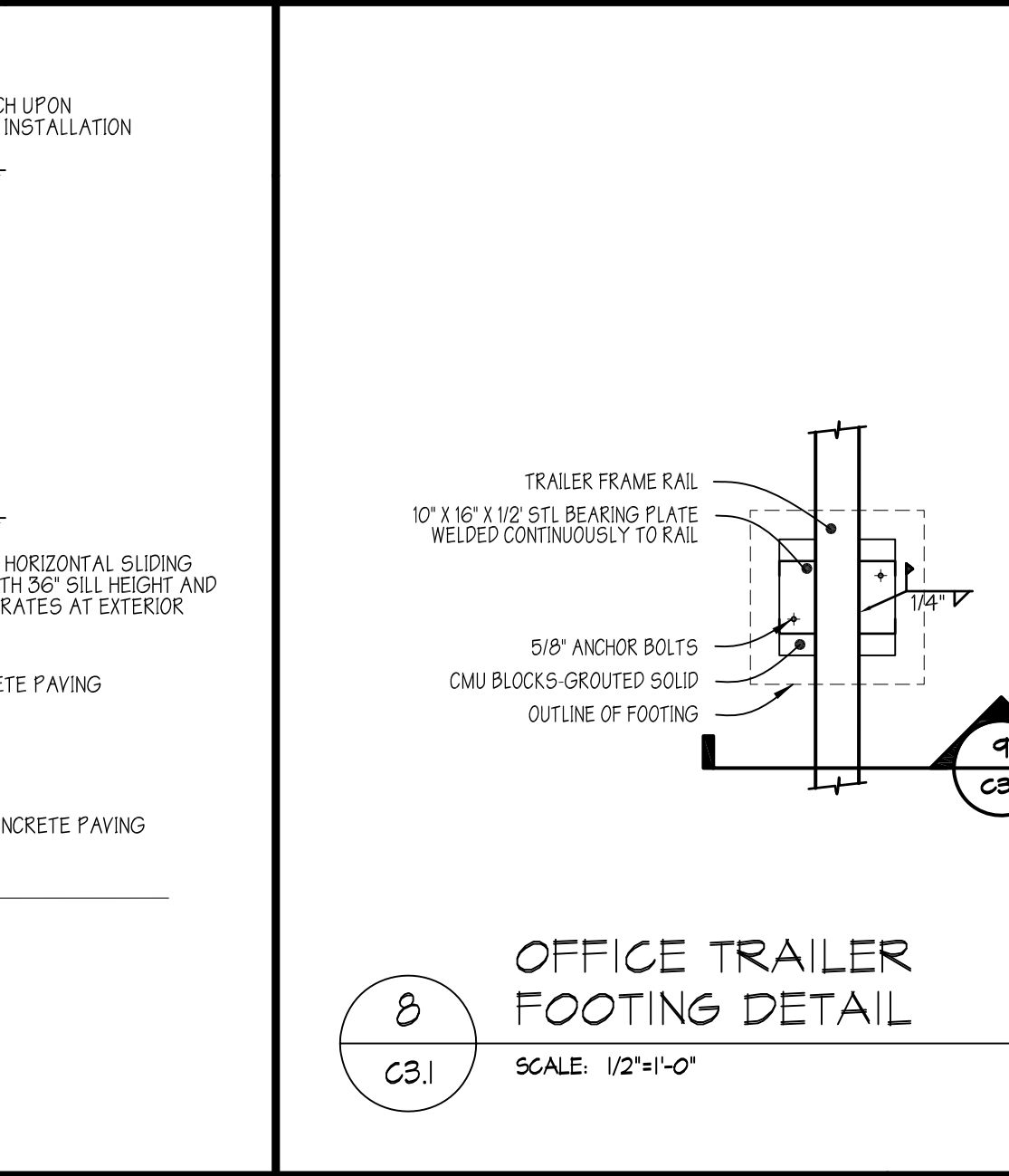
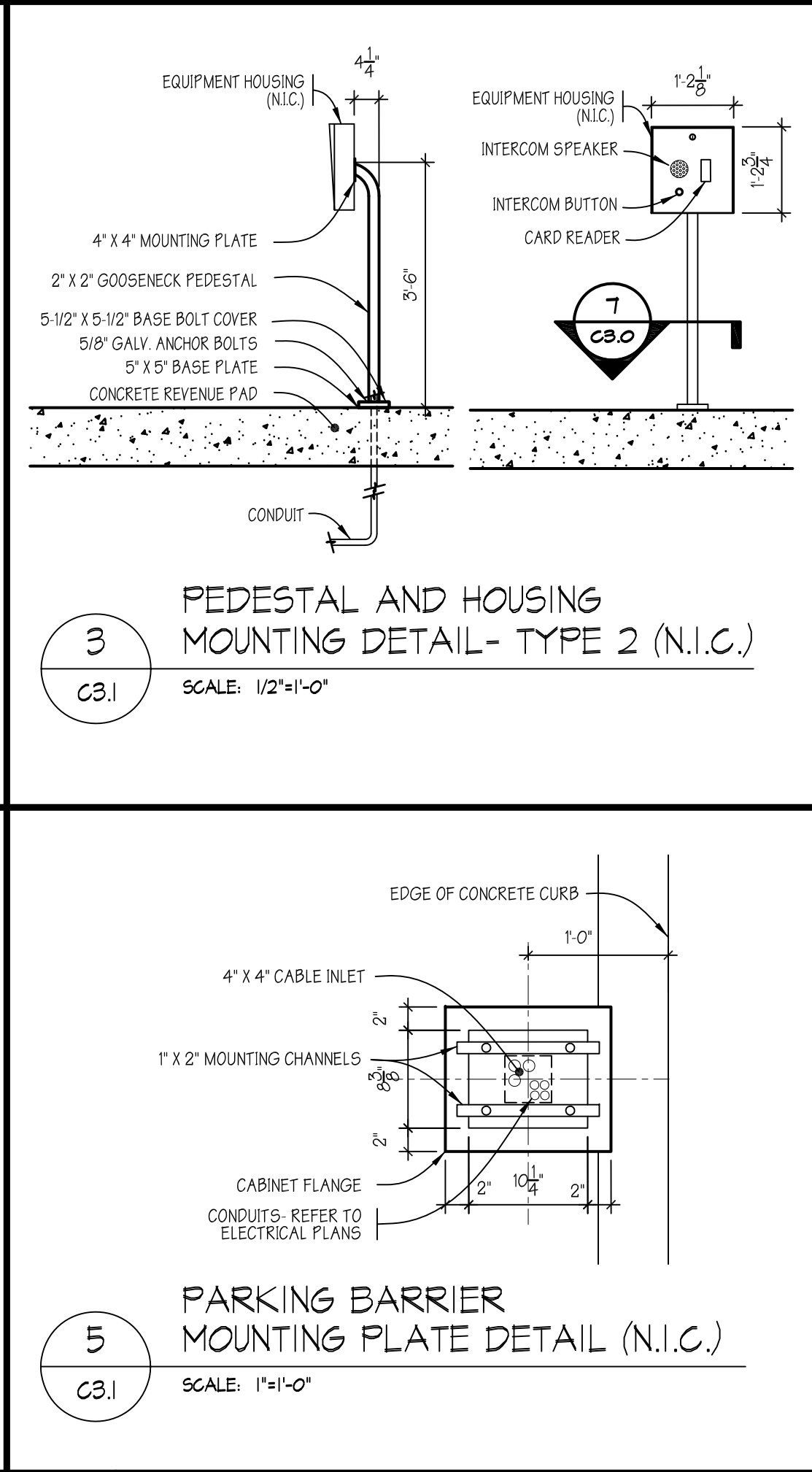
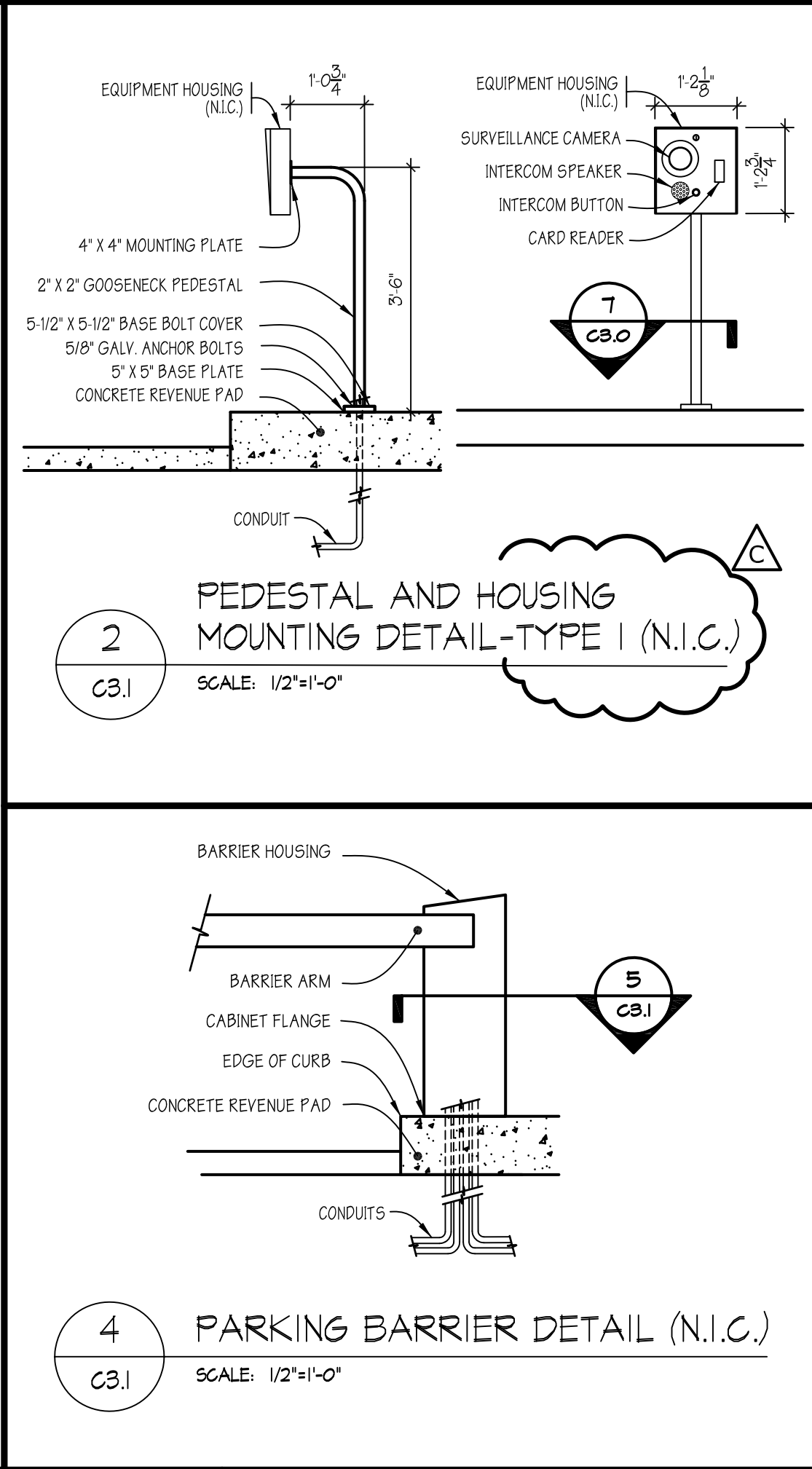
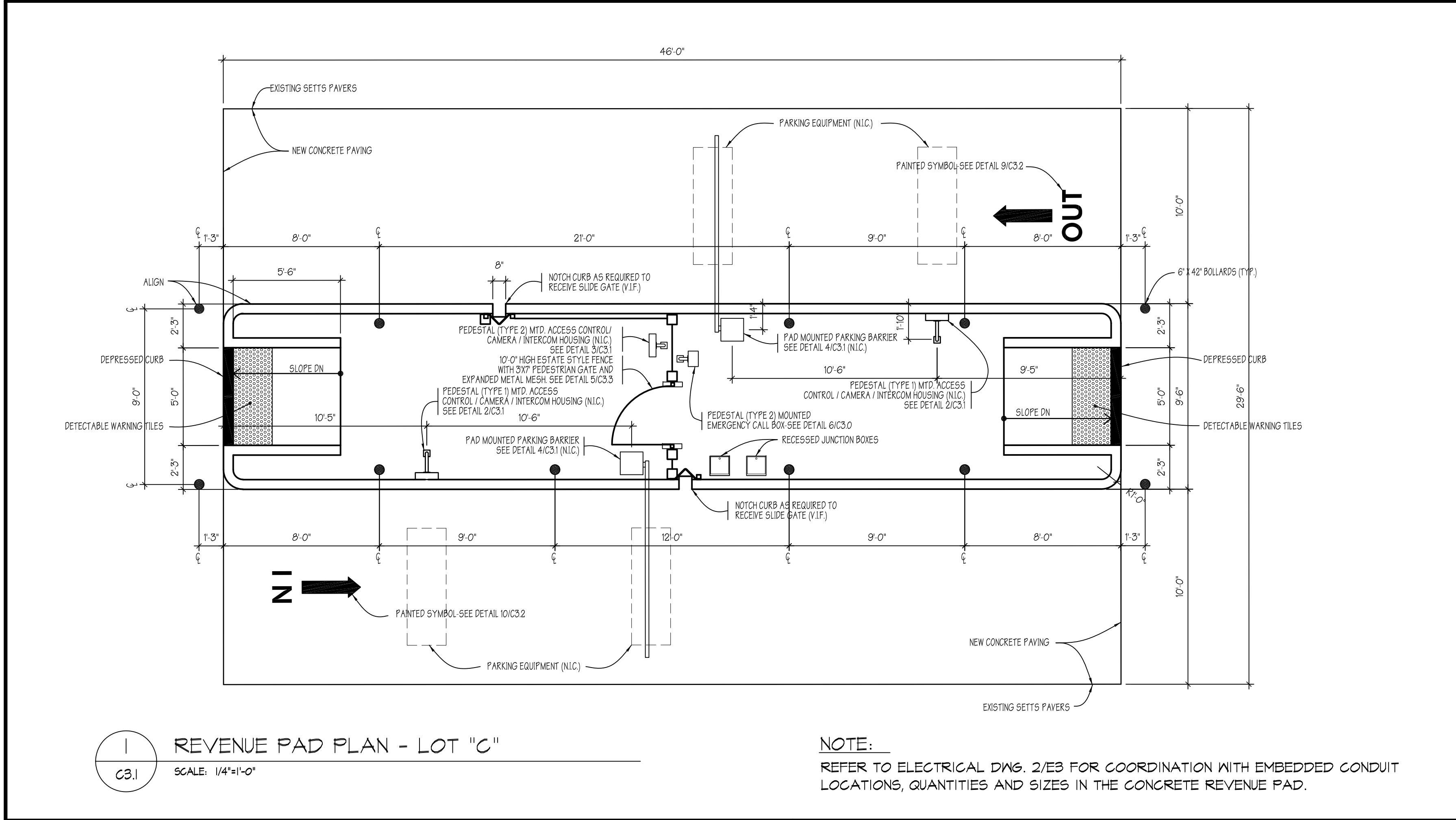
SITE PLAN
CONSTRUCTION OPERATIONS
COORDINATION SCHEDULE

DATE: 15 DEC 2016 DRAWN BY:
PROJECT NO.: 1601-10 SHEET 5 OF 21

C1.0



1 SITE PLAN - LOT "A"
C1.0 SCALE: 1"=20'-0"



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Signature _____ Date _____

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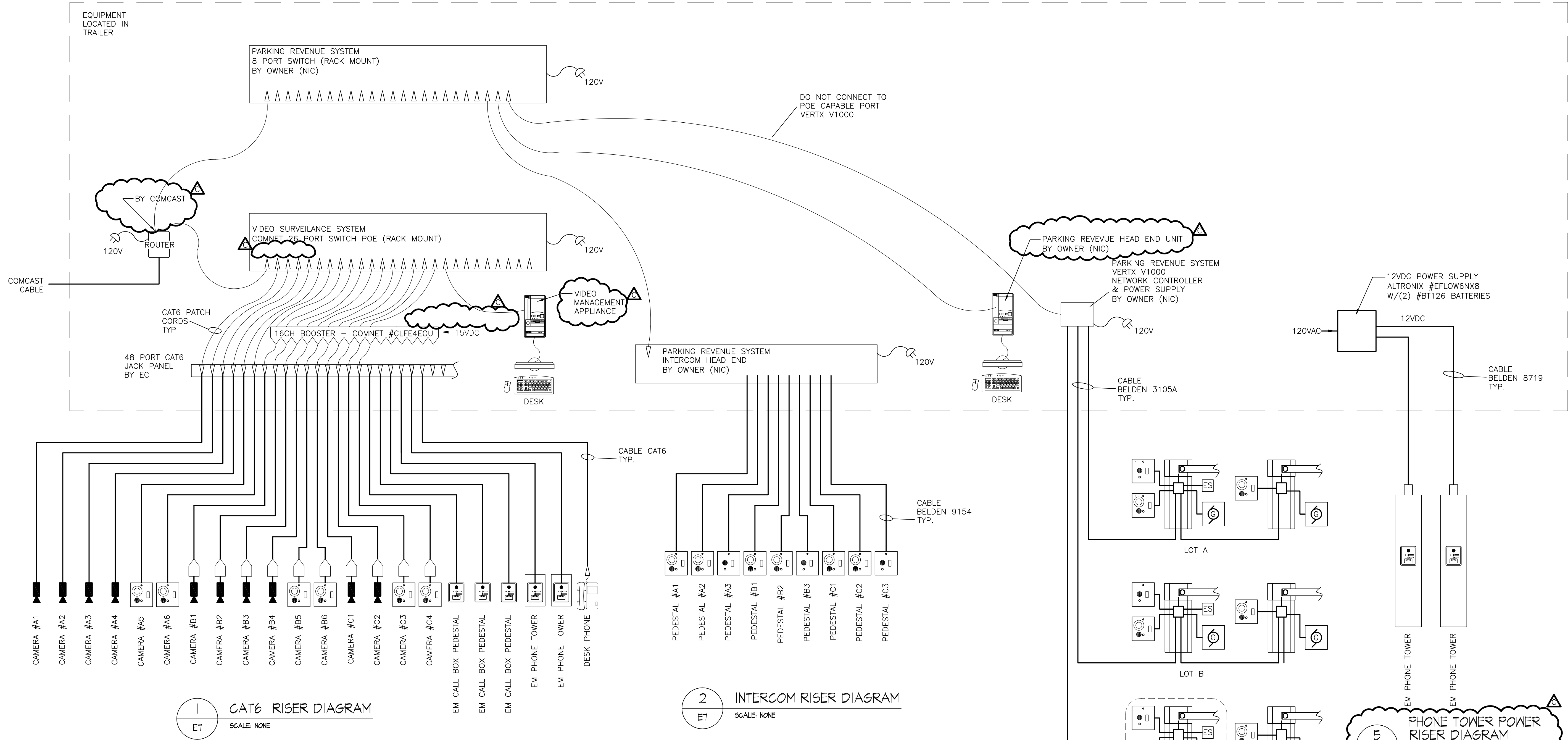
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REVENUE PAD PLAN
OFFICE TRAILER PLANS
DETAILS
SIGN DETAILS

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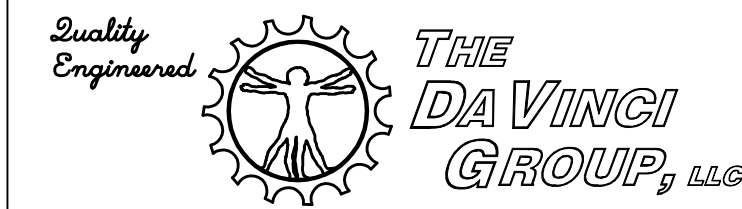
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DATA/CAMERA RISER DIAGRAMS

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E7