



ADDENDUM 1

February 19, 2020

ITB AP 27-20

VPS Parking Lot B Expansion Construction

This addendum is to provide updated information regarding the referenced project.

THE OPENING DATE FOR THIS ITB REMAINS FEBRUARY 26, 2020 @ 3:00 P.M.

ADDENDUM NO. 1
to the
PROJECT DOCUMENTS AND SPECIFICATIONS
for
DESTIN-FORT WALTON BEACH AIRPORT
VPS PARKING LOT B EXPANSION
(ITB AP 27-20)

Prepared for:
OKALOOSA COUNTY

Prepared By:



320 Bayshore Drive, Suite A
Niceville, Florida 32578-2425

AVCON Project No. 2019.050.05

Addendum Date: February 19, 2020

Note: The bidder shall acknowledge receipt of this addendum on the Bid Form, Page BF-1 in the space provided.

ADDENDUM NO. 1
DESTIN-FORT WALTON BEACH AIRPORT
VPS PARKING LOT B EXPANSION
(ITB AP 27-20)

- Date of Issue:** February 19, 2020
- Bid Submittal Deadline:** Wednesday, February 26, 2020 @ 3:00 p.m. (local time) (unchanged)
- Notice to all Plan Holders:** Please insert this addendum (2 pages including cover, excluding attachments) into your copy of the Project Bid Documents.

The following changes to the Project Documents and Specifications are issued by the Engineer and shall have the same force and effect as though part of the original issue:

A. Changes to the Project Documents and Specifications:

1. Bid Schedule **REPLACE** Bid Schedule, page BS-1 of 8 to 8 of 8, in its entirety, with page BS-1 of 5 to 5 of 5 attached as **Attachment A** (5 pages) hereto.
2. Specification T-901 **DELETE** all references to seeding in Specification 570 and **ADD** Specification T-901, Seeding attached as **Attachment B** (5 pages) hereto.

B. Changes to the Drawings:

1. Sheet C-11 **REVISE** Fencing Notes, Note 2, as follows:

“Contractor shall trench 12” below grade, and 12” wide (centered on fence line) and backfill with #3 stone along...”
2. Sheet E003 through E108 **REPLACE** Sheets E003 through E108 in their entirety with Sheets E003 through E108 attached as **Attachment C** (9 pages) hereto.

C. Additional Information:

1. Pre-Bid Conference Minutes Please find attached the Pre-Bid Conference minutes attached as **Attachment D** (16 pages) hereto.

END OF ADDENDUM NO. 1

BID SCHEDULE

BIDDER: _____ **DATE:** _____

PROJECT DESCRIPTION: VPS PARKING LOT B EXPANSION

Base Bid – Parking Lot B Expansion

Bid Item No.	Item No.	Item Description & Unit Price In Words	Unit	Estimated Quantity	Unit Price	Total Amt./ Item
1	101-1	Mobilization	LS	1		
2	102-1	Maintenance of Traffic	LS	1		
3	104-1	Prevention, Control, and Abatement of Erosion and Water Pollution	LS	1		
4	110-1	Miscellaneous Demolition	LS	1		
5	110-2	Clearing and Grubbing with Tree Removal	AC	0.6		
6	120-1	Unclassified Excavation and Embankment	CY	2,400		
7	160-1	12" Stabilized Subbase (LBR 40)	SY	27,750		
8	285-1	8" Limerock Base Course	SY	25,440		
9	334-1	2" Superpave Asphaltic Concrete	TON	2,800		
10	425-1	Type 5/6 Curb Inlet, Type P Bottom	EA	5		
11	425-2	24" Mitered End Section	EA	2		
12	425-3	30" Mitered End Section	EA	2		
13	430-1	24" ADS, N-12 Pipe	LF	290		
14	430-2	30" ADS, N-12 Pipe	LF	180		

Bid Item No.	Item No.	Item Description & Unit Price In Words	Unit	Estimated Quantity	Unit Price	Total Amt./ Item
15	520-1	F-Curb	LF	2,030		
16	522-1	Concrete Sidewalk	SY	330		
17	550-1	7-Ft Chain Link Fence with Additional 1-Ft Barbed Wire Attachment and Rock Base	LF	825		
18	550-2	Temporary 7-Ft Chain Link Fence with Additional 1-Ft Barbed Wire Attachment	LF	550		
19	570-1	Sodding	SY	2,000		
20	T-901	Seeding	SY	4,500		
21	700-1	Traffic Control Signs	LS	1		
22	710-1	Pavement Markings	LS	1		
23	LT-1	Area Lighting, Complete	LS	1		
24	GA-1	<i>Power and Data for Automatic Gate Arms and Ticket Machines</i>	LS	1		
25	SC-1	Security Camera Allowance	AL	1		
26	WH-1	Wheel Stops	EA	40		

For all work required to perform the work in accordance with the construction drawings, specifications, and other contract documents, including all costs related to the work, and any required permits, taxes, bonds and insurance, the undersigned submits a Total Base Bid Amount of:

TOTAL BASE BID AMOUNT (in words): _____

_____ Dollars and _____ cents

(\$ _____)

(amount in numbers)

Note: Total Bid Amount shall equal the total amount for Bid Item No. 1 through 26.

Additive Alternate 1- Parking Lot D Improvements

Bid Item No.	Item No.	Item Description & Unit Price In Words	Unit	Estimated Quantity	Unit Price	Total Amt./ Item
1	101-1	Mobilization	LS	1		
2	102-1	Maintenance of Traffic	LS	1		
3	104-1	Prevention, Control, and Abatement of Erosion and Water Pollution	LS	1		
4	110-1	Miscellaneous Demolition	LS	1		
5	120-1	Unclassified Excavation and Embankment	CY	800		
6	160-2	6" Rap Blended Subbase (12" Total Stabilized Subbase)	SY	5,810		
7	285-1	6" Limerock Base Course	SY	5,330		
8	334-1	2" Superpave Asphaltic Concrete	TON	540		
9	520-1	F-Curb	LF	300		
10	524-1	Concrete Flume, Type A, With Bollards and Rip-Rap	LS	1		
11	550-3	4-ft Chain-Link Fence with Rock Base	LF	475		
12	570-1	Sodding	SY	1,200		
13	710-1	Pavement Markings	LS	1		
14	GA-2	Power and Data for Automatic Gate Arms and Ticket Machines	LS	1		
15	LT-2	Area Lighting, Complete	LS	1		
16	SC-2	Security Camera Allowance	AL	1		

For all work required to perform the work in accordance with the construction drawings, specifications, and other contract documents, including all costs related to the work, and any required permits, taxes, bonds and insurance, the undersigned submits a Total Additive Alternate No. 1 Amount of:

TOTAL ADDITIVE ALTERNATE NO. 1 AMOUNT (in words): _____
 _____ Dollars and _____ cents
 (\$ _____)
 (amount in numbers)

Note: Total Additive Alternate No. 1 Amount shall equal the total amount for Bid Item No. 1 through 16.

Additive Alternate 2- Clear Zone Tree Removal

Bid Item No.	Item No.	Item Description & Unit Price In Words	Unit	Estimated Quantity	Unit Price	Total Amt./ Item
1	101-1	Mobilization	LS	1		
2	102-1	Maintenance of Traffic	LS	1		
3	104-1	Prevention, Control, and Abatement of Erosion and Water Pollution	LS	1		
4	110-1	Clearing and Grubbing with Tree Removal	AC	5		
5	T-901	Seeding	SY	24,200		

For all work required to perform the work in accordance with the construction drawings, specifications, and other contract documents, including all costs related to the work, and any required permits, taxes, bonds and insurance, the undersigned submits a Total Additive Alternate No. 2 Amount of:

TOTAL ADDITIVE ALTERNATE NO. 2 AMOUNT (in words): _____
 _____ Dollars and _____ cents
 (\$ _____)
 (amount in numbers)

Note: Total Additive Alternate No. 2 Amount shall equal the total amount for Bid Item No. 1 through 5.

BID SUMMARY (amount in numbers)

- (A) TOTAL BASE BID AMOUNT: \$ _____
- (B) TOTAL ADDITIVE ALTERNATE NO. 1 AMOUNT: \$ _____
- (C) TOTAL ADDITIVE ALTERNATE NO. 2 AMOUNT: \$ _____

Contractor acknowledges that the Basis of Award shall be the Base Bid, or any combination of the Base Bid and Additive Alternates ultimately awarded by the County, price and other factors considered. The bid bond amount shall be in the amount of the Base Bid and Additive Alternate No. 1 and 2.

The Bidder represents that it has examined the site of the Work and informed itself fully in regard to all conditions pertaining to the place where the work is to be done; that it has examined the plans and specifications for the work and other Contract Documents relative thereto and has read all of the Addenda furnished prior to the opening of the Bids, as acknowledged below; and that it has otherwise fully informed itself regarding the nature, extent, scope and details of the Work to be performed.

If provided with a Notice of Intent to Award the Contract by the Owner, the Bidder shall execute and deliver to the Owner all of the documents required by the Contract Documents, including but not limited to, the Addendum to the Agreement and the Performance and Payment Bonds in the form contained in the Contract Documents, furnish the required evidence of the specified insurance coverages, furnish all necessary permits, license, materials, equipment, machinery, maintenance, tools, apparatus, means of transportation and labor necessary to complete the Work.

Dated and signed at _____, _____, this _____ day of _____, 2020.

(Name of Bidder)

(Authorized Signature)

(Title)

(Mailing Address)

(City, State, Zip)

(Federal ID No. or SS No.)

ITEM T-901

SEEDING

DESCRIPTION

901-1.1 This item shall consist of soil preparation and seeding in the areas shown on the plans or as directed by the Engineer in accordance with these specifications.

MATERIALS

901-2.1 SEED The species and application rates of grass, legume, and cover-crop seed furnished shall be those stipulated herein. Seed shall conform to the requirements of Fed. Spec. A-A-2671. No millet seed shall be permitted.

Seed shall be furnished separately or in mixtures in standard containers with the seed name, lot number, net weight, percentages of purity and of germination and hard seed, and percentage of maximum weed seed content clearly marked for each kind of seed. The Contractor shall furnish the Engineer duplicate signed copies of a statement by the vendor certifying that each lot of seed has been tested by a recognized laboratory for seed testing within 6 months of date of delivery. This statement shall include: name and address of laboratory, date of test, lot number for each kind of seed, and the results of tests as to name, percentages of purity and of germination, and percentage of weed content for each kind of seed furnished, and, in case of a mixture, the proportions of each kind of seed.

Seeds shall be Argentine Bahia and shall be applied as follows:

Minimum Seed Purity (Percent)	Minimum Germination (Percent)	Rate of Application lb./acre (or lb./1,000 S.F.)
98	85%	40 lbs./Acre

901-2.2 LIME. Lime shall be ground limestone containing not less than 85% of total carbonates, and shall be ground to such fineness that 90% will pass through a No. 20 mesh sieve and 50% will pass through a No. 100 mesh sieve. Coarser material will be acceptable, providing the rates of application are increased to provide not less than the minimum quantities and depth specified in the special provisions on the basis of the two sieve requirements above. Dolomitic lime or a high magnesium lime shall contain at least 10% of magnesium oxide. Lime shall be applied at the rate of 2,000 lbs. per acre. All liming materials shall conform to the requirements of ASTM C 602.

901-2.3 FERTILIZER. Fertilizer shall be standard commercial fertilizers supplied separately or in mixtures containing the percentages of total nitrogen, available phosphoric acid, and water-soluble potash. They shall be applied at the rate and to the depth specified herein, and shall meet the requirements of Fed. Spec. A-A-1909 and applicable state laws. They shall be furnished in standard containers with name, weight, and guaranteed analysis of contents clearly marked thereon. No cyanamide compounds or hydrated lime shall be permitted in mixed fertilizers.

The fertilizers may be supplied in one of the following forms:

- a. A dry, free-flowing fertilizer suitable for application by a common fertilizer spreader;
 - b. A finely-ground fertilizer soluble in water, suitable for application by power sprayers;
- or
- c. A granular or pellet form suitable for application by blower equipment.

Fertilizers shall be commercial fertilizer and shall be spread at the appropriate rate.

901-2.4 SOIL FOR REPAIRS. The soil for fill and topsoiling of areas to be repaired shall be at least of equal quality to that which exists in areas adjacent to the area to be repaired. The soil shall be relatively free from large stones, roots, stumps, or other materials that will interfere with subsequent sowing of seed, compacting, and establishing turf, and shall be approved by the Engineer before being placed.

CONSTRUCTION METHODS

901-3.1 ADVANCE PREPARATION AND CLEANUP. After grading of areas has been completed and before applying fertilizer and ground limestone, areas to be seeded shall be raked or otherwise cleared of stones larger than 2 inches (50 mm) in any diameter, sticks, stumps, and other debris which might interfere with sowing of seed, growth of grasses, or subsequent maintenance of grass-covered areas. If any damage by erosion or other causes has occurred after the completion of grading and before beginning the application of fertilizer and ground limestone, the Contractor shall repair such damage. This may include filling gullies, smoothing irregularities, and repairing other incidental damage.

An area to be seeded shall be considered a satisfactory seedbed without additional treatment if it has recently been thoroughly loosened and worked to a depth of not less than 5 inches (125 mm) as a result of grading operations and, if immediately prior to seeding, the top 3 inches (75 mm) of soil is loose, friable, reasonably free from large clods, rocks, large roots, or other undesirable matter, and if shaped to the required grade.

However, when the area to be seeded is sparsely sodded, weedy, barren and unworked, or packed and hard, any grass and weeds shall first be cut or otherwise satisfactorily disposed of, and the soil then scarified or otherwise loosened to a depth not less than 5 inches (125 mm). Clods shall be broken and the top 3 inches (75 mm) of soil shall be worked into a satisfactory seedbed by discing, or by use of cultipackers, rollers, drags, harrows, or other appropriate means.

901-3.2 DRY APPLICATION METHOD.

a. **Liming.** Lime shall be applied separately and prior to the application of any fertilizer or seed and only on seedbeds which have previously been prepared as described above. The lime shall then be worked into the top 3 inches (75 mm) of soil after which the seedbed shall again be properly graded and dressed to a smooth finish.

b. **Fertilizing.** Following advance preparations and cleanup fertilizer shall be uniformly spread at the rate, which will provide not less than the minimum quantity stated in paragraph 901-2.3.

c. Seeding. Grass seed shall be sown at the rate specified in paragraph 901-2.1 immediately after fertilizing, and the fertilizer and seed shall be raked within the depth range stated in the special provisions. Seeds of legumes, either alone or in mixtures, shall be inoculated before mixing or sowing, in accordance with the instructions of the manufacturer of the inoculant. When seeding is required at other than the seasons shown on the plans or in the special provisions, a cover crop shall be sown by the same methods required for grass and legume seeding.

d. Rolling. After the seed has been properly covered, the seedbed shall be immediately compacted by means of an approved lawnroller, weighing 40 to 65 pounds per foot (60 to 97 kg per meter) of width for clay soil (or any soil having a tendency to pack), and weighing 150 to 200 pounds per foot (223 to 298 kg per meter) of width for sandy or light soils.

901-3.3 WET APPLICATION METHOD.

a. General. The Contractor may elect to apply seed and fertilizer (and lime, if required) by spraying them on the previously prepared seedbed in the form of an aqueous mixture and by using the methods and equipment described herein. The rates of application shall be as specified in the special provisions.

b. Spraying Equipment. The spraying equipment shall have a container or water tank equipped with a liquid level gauge calibrated to read in increments not larger than 50 gallons (190 liters) over the entire range of the tank capacity, mounted so as to be visible to the nozzle operator. The container or tank shall also be equipped with a mechanical power-driven agitator capable of keeping all the solids in the mixture in complete suspension at all times until used.

The unit shall also be equipped with a pressure pump capable of delivering 100 gallons (380 liters) per minute at a pressure of 100 pounds per square inch (690 kPa). The pump shall be mounted in a line which will recirculate the mixture through the tank whenever it is not being sprayed from the nozzle. All pump passages and pipe lines shall be capable of providing clearance for 5/8 inch (15 mm) solids. The power unit for the pump and agitator shall have controls mounted so as to be accessible to the nozzle operator. There shall be an indicating pressure gauge connected and mounted immediately at the back of the nozzle.

The nozzle pipe shall be mounted on an elevated supporting stand in such a manner that it can be rotated through 360 degrees horizontally and inclined vertically from at least 20 degrees below to at least 60 degrees above the horizontal. There shall be a quick-acting, three-way control valve connecting the recirculating line to the nozzle pipe and mounted so that the nozzle operator can control and regulate the amount of flow of mixture delivered to the nozzle. At least three different types of nozzles shall be supplied so that mixtures may be properly sprayed over distance varying from 20 to 100 feet (6 to 30 m). One shall be a close-range ribbon nozzle, one a medium-range ribbon nozzle, and one a long-range jet nozzle. For case of removal and cleaning, all nozzles shall be connected to the nozzle pipe by means of quick-release couplings.

In order to reach areas inaccessible to the regular equipment, an extension hose at least 50 feet (15 m) in length shall be provided to which the nozzles may be connected.

c. Mixtures. Lime, if required, shall be applied separately, in the quantity specified, prior to the fertilizing and seeding operations. Not more than 220 pounds (100 kg) of lime shall be added to and mixed with each 100 gallons (380 liters) of water. Seed and fertilizer shall be mixed together in the relative proportions specified, but not more than a total of 220 pounds (100 kg) of these combined solids shall be added to and mixed with each 100 gallons (380 liters) of water.

All water used shall be obtained from fresh water sources and shall be free from injurious chemicals and other toxic substances harmful to plant life. Brackish water shall not be used at any time. The Contractor shall identify to the Engineer all sources of water at least 2 weeks prior to use. The Engineer may take samples of the water at the source or from the tank at any time and have a laboratory test the samples for chemical and saline content. The Contractor shall not use any water from any source which is disapproved by the Engineer following such tests.

All mixtures shall be constantly agitated from the time they are mixed until they are finally applied to the seedbed. All such mixtures shall be used within 2 hours from the time they were mixed or they shall be wasted and disposed of at locations acceptable to the Engineer.

d. Spraying. Lime, if required, shall be sprayed only upon previously prepared seedbeds. After the applied lime mixture has dried, the lime shall be worked into the top 3 inches (8 cm), after which the seedbed shall again be properly graded and dressed to a smooth finish.

Mixtures of seed and fertilizer shall only be sprayed upon previously prepared seedbeds on which the lime, if required, shall already have been worked in. The mixtures shall be applied by means of a high-pressure spray which shall always be directed upward into the air so that the mixtures will fall to the ground like rain in a uniform spray. Nozzles or sprays shall never be directed toward the ground in such a manner as might produce erosion or runoff.

Particular care shall be exercised to insure that the application is made uniformly and at the prescribed rate and to guard against misses and overlapped areas. Proper predetermined quantities of the mixture in accordance with specifications shall be used to cover specified sections of known area. Checks on the rate and uniformity of application may be made by observing the degree of wetting of the ground or by distributing test sheets of paper or pans over the area at intervals and observing the quantity of material deposited thereon.

On surfaces which are to be mulched as indicated by the plans or designated by the Engineer, seed and fertilizer applied by the spray method need not be raked into the soil or rolled. However, on surfaces on which mulch is not to be used, the raking and rolling operations will be required after the soil has dried.

901-3.4 MAINTENANCE OF SEEDED AREAS. The Contractor shall protect seeded areas against traffic or other use by warning signs or barricades, as approved by the Engineer. Surfaces gullied or otherwise damaged following seeding shall be repaired by regrading and reseeding as directed. The Contractor shall mow, water as directed, and otherwise maintain seeded areas in a satisfactory condition until final inspection and acceptance of the work.

When either the dry or wet application method outlined above is used for work done out of season, it will be required that the Contractor establish a good stand of grass of uniform color and density to the satisfaction of the Engineer. ~~A grass stand shall be considered adequate when bare spots are one square foot or less, randomly dispersed, and do not exceed 3% of the area seeded.~~ If at the time when

the contract has been otherwise completed it is not possible to make an adequate determination of the color, density, and uniformity of such stand of grass, payment for the unaccepted portions of the areas seeded out of season will be withheld until such time as these requirements have been met.

METHOD OF MEASUREMENT

904-4.1 This item shall be measured on the basis of the area in square yards (square meters) of the surface covered with seed and accepted.

BASIS OF PAYMENT

904-5.1 This item will be paid for on the basis of the contract unit price per square yard (square meter) for seeding, which price shall be full compensation for all labor, equipment, material, staking, and incidentals necessary to satisfactorily complete the items as specified.

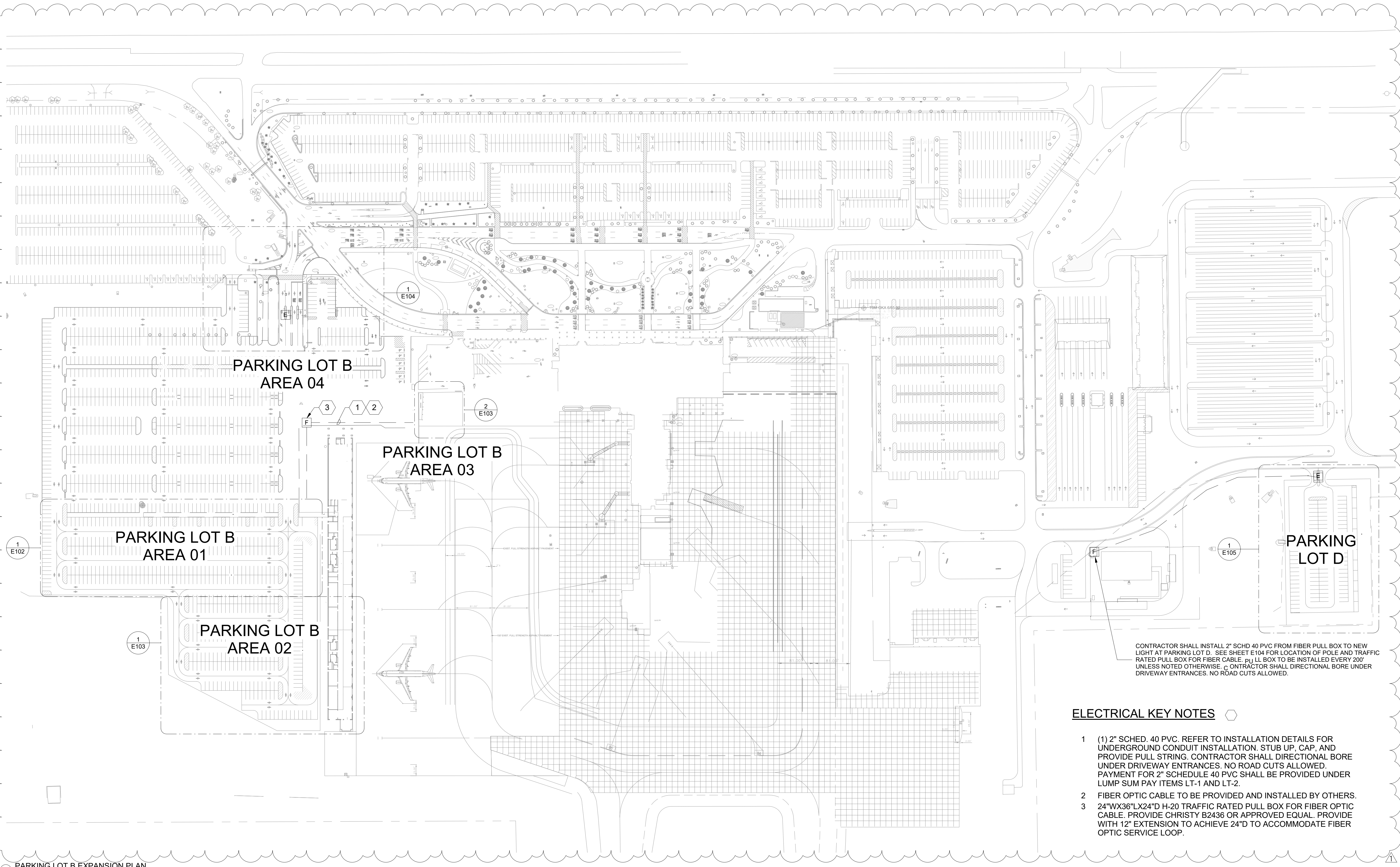
Payment will be made under:

Item T-901 Seeding - per square yard (SY)

MATERIAL REQUIREMENTS

ASTM C 602	Agricultural Liming Materials
ASTM D 977	Emulsified Asphalt
Fed. Spec. A-A-1909	Fertilizer
Fed. Spec. A-A-2671	Seeds, Agriculture

END OF ITEM T-901



ELECTRICAL KEY NOTES

- 1 (1) 2" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION. STUB UP, CAP, AND PROVIDE PULL STRING. CONTRACTOR SHALL DIRECTIONAL BORE UNDER DRIVEWAY ENTRANCES. NO ROAD CUTS ALLOWED. PAYMENT FOR 2" SCHEDULE 40 PVC SHALL BE PROVIDED UNDER LUMP SUM PAY ITEMS LT-1 AND LT-2.
- 2 FIBER OPTIC CABLE TO BE PROVIDED AND INSTALLED BY OTHERS.
- 3 24"WX36"LX24"D H-20 TRAFFIC RATED PULL BOX FOR FIBER OPTIC CABLE. PROVIDE CHRISTY B2436 OR APPROVED EQUAL. PROVIDE WITH 12" EXTENSION TO ACHIEVE 24"D TO ACCOMMODATE FIBER OPTIC SERVICE LOOP.

CONTRACTOR SHALL INSTALL 2" SCHD 40 PVC FROM FIBER PULL BOX TO NEW LIGHT AT PARKING LOT D. SEE SHEET E104 FOR LOCATION OF POLE AND TRAFFIC RATED PULL BOX FOR FIBER CABLE. PULL BOX TO BE INSTALLED EVERY 200' UNLESS NOTED OTHERWISE. CONTRACTOR SHALL DIRECTIONAL BORE UNDER DRIVEWAY ENTRANCES. NO ROAD CUTS ALLOWED.

1 PARKING LOT B EXPANSION PLAN
1" = 100'-0"

AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
NICEVILLE, FL 32578-2425
OFFICE: (850) 678-0050 - FAX: (850) 678-0040
CORPORATE CERTIFICATE OF
AUTHORIZATION NUMBER: 5057
www.avconinc.com

AVCON
TRANSFORMING TODAY'S IDEAS
INTO TOMORROW'S REALITY

ENGINEER OF RECORD
STATE OF FLORIDA SEAL

This sheet has been electronically signed and sealed for the individual named above. The seal number and expiration date are shown below. For more information on the Florida Board of Professional Engineers, visit www.fsbpe.org.

NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

**VPS PARKING LOT B
EXPANSION SITE
LAYOUT**
RELEASE FOR BID

**VPS PARKING LOT B
EXPANSION**
PREPARED FOR
DESTIN - FORT WALTON
BEACH AIRPORT

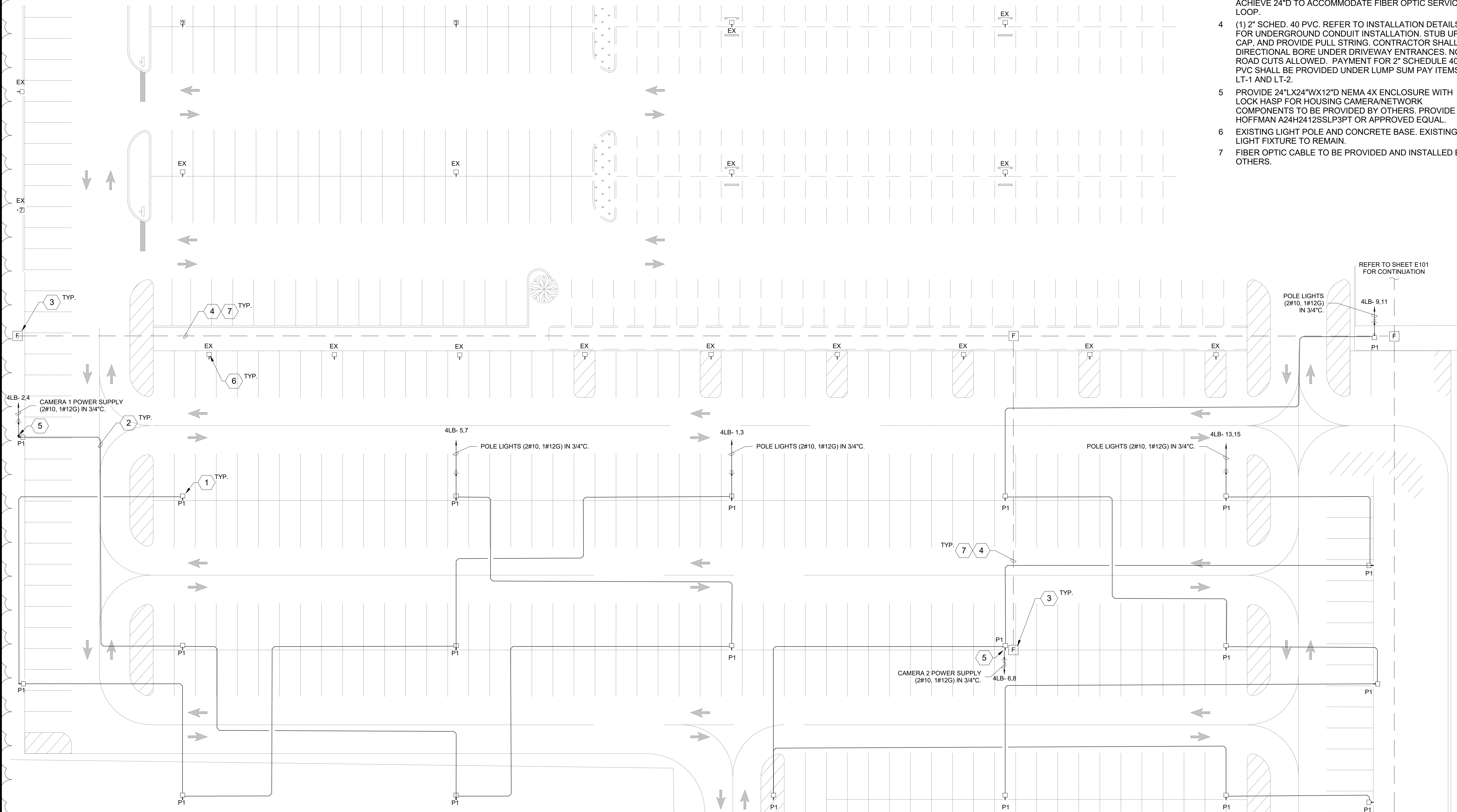
DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E101

THIS DOCUMENT CONTAINS PRIVILEGED AND PROPRIETARY INFORMATION. ALL OF WHICH IS EXPRESSLY PROVIDED BY AVCON, INC. FOR USE BY THE INTENDED RECIPIENT, AND FOR A SPECIFIC PURPOSE. WITHOUT THE EXPRESS WRITTEN CONSENT OF AVCON, INC. ANY DISTRIBUTION, REPRODUCTION, OR OTHER USE OF THIS DOCUMENT, IN WHOLE OR IN PART, IS STRICTLY PROHIBITED.

ELECTRICAL KEY NOTES

- 1 REFER TO INSTALLATION DETAILS FOR LIGHT POLE INSTALLATION AND REQUIREMENTS.
- 2 (1) 3/4" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION.
- 3 24"WX36"LX24"D H-20 TRAFFIC RATED PULL BOX FOR FIBER OPTIC CABLE. PROVIDE CHRISTY B2436 OR APPROVED EQUAL. PROVIDE WITH 12" EXTENSION TO ACHIEVE 24"D TO ACCOMMODATE FIBER OPTIC SERVICE LOOP.
- 4 (1) 2" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION. STUB UP, CAP, AND PROVIDE PULL STRING. CONTRACTOR SHALL DIRECTIONAL BORE UNDER DRIVEWAY ENTRANCES. NO ROAD CUTS ALLOWED. PAYMENT FOR 2" SCHEDULE 40 PVC SHALL BE PROVIDED UNDER LUMP SUM PAY ITEMS LT-1 AND LT-2.
- 5 PROVIDE 24"LX24"WX12"D NEMA 4X ENCLOSURE WITH LOCK HASP FOR HOUSING CAMERA/NETWORK COMPONENTS TO BE PROVIDED BY OTHERS. PROVIDE HOFFMAN A24H2412SSL3PT OR APPROVED EQUAL.
- 6 EXISTING LIGHT POLE AND CONCRETE BASE. EXISTING LIGHT FIXTURE TO REMAIN.
- 7 FIBER OPTIC CABLE TO BE PROVIDED AND INSTALLED BY OTHERS.



1 PARKING LOT B LIGHTING LAYOUT, AREA 01
1" = 20'-0"

AVCON, INC.
ENGINEERS & PLANNERS
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NICEVILLE, FL 32578-2425
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ENGINEER OF RECORD
STATE OF FLORIDA SEAL

NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	

VPS PARKING LOT B
AREA 01 LIGHTING
LAYOUT
RELEASE FOR BID

VPS PARKING LOT B
EXPANSION
PREPARED FOR
DESTIN - FORT WALTON
BEACH AIRPORT

DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

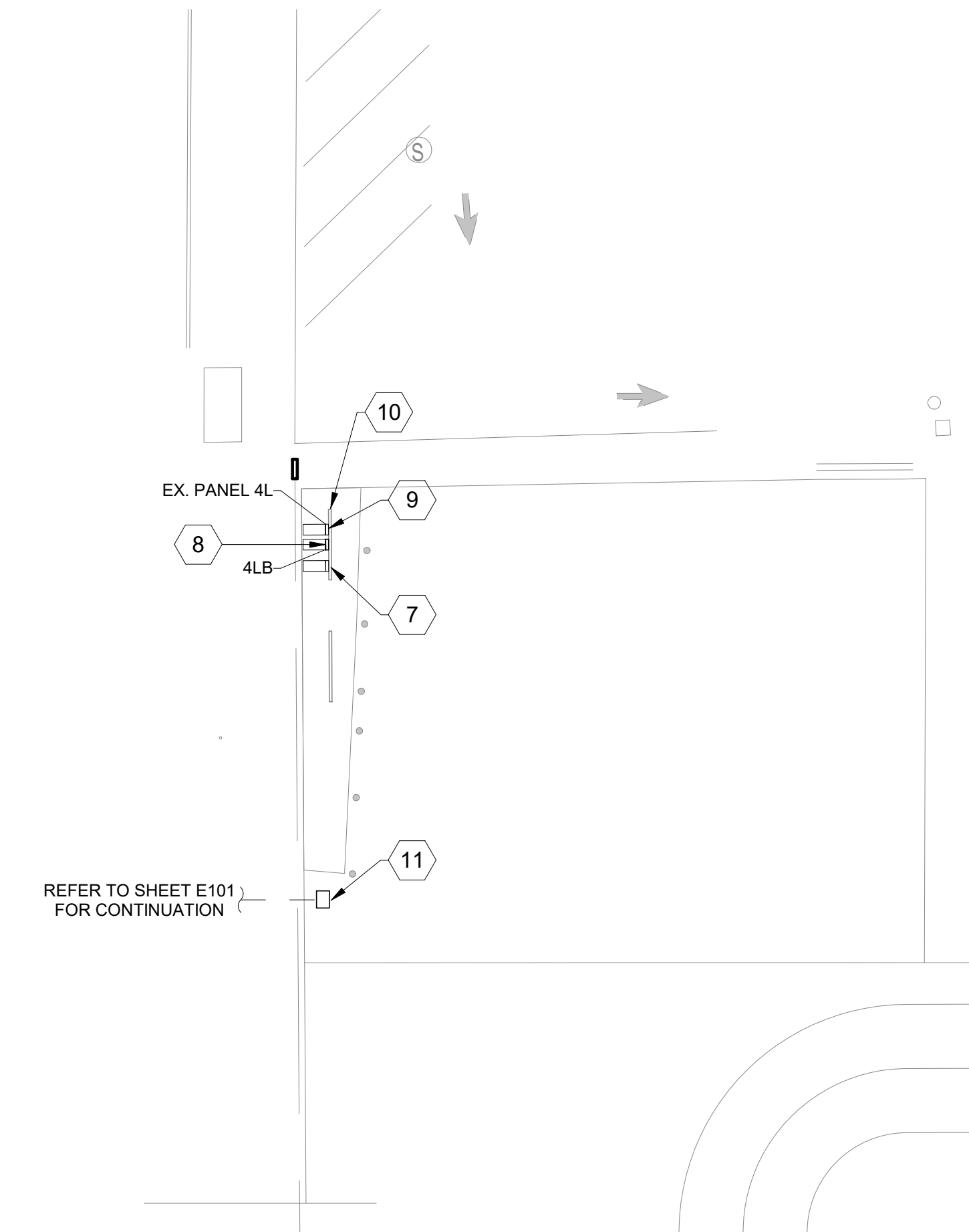
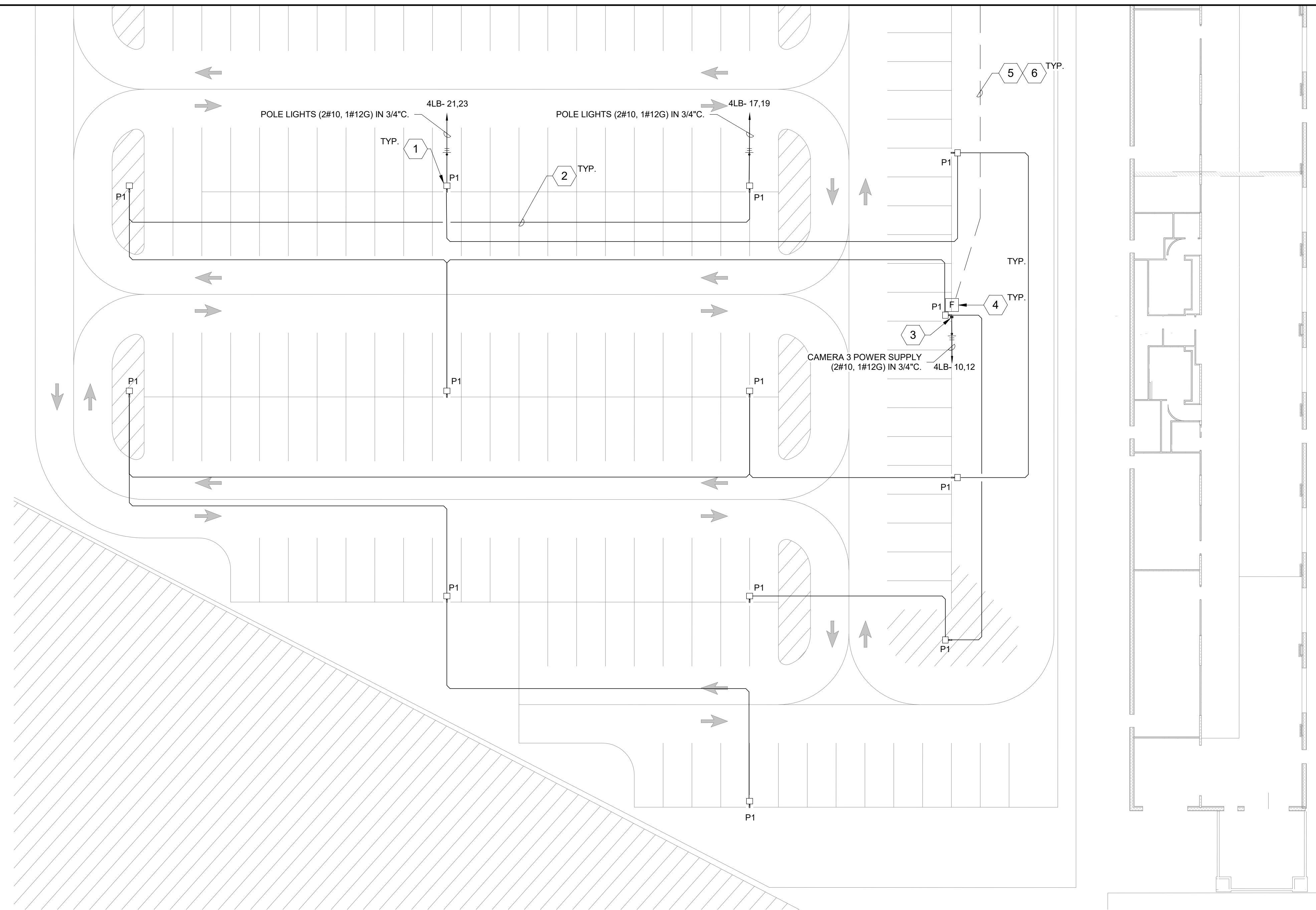
SHEET NUMBER
E102

THIS DOCUMENT CONTAINS PRIVILEGED AND PROPRIETARY INFORMATION. ALL OF WHICH IS EXPRESSLY PROVIDED BY AVCON, INC. FOR USE BY THE INTENDED RECIPIENT, AND FOR A SPECIFIC PURPOSE. WITHOUT THE EXPRESS WRITTEN CONSENT OF AVCON, INC. ANY DISTRIBUTION, REPRODUCTION, OR OTHER USE OF THIS DOCUMENT, IN WHOLE OR IN PART, IS STRICTLY PROHIBITED.

ELECTRICAL KEY NOTES

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- 2 (1) 3/4" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION.
- 3 PROVIDE 24"LX24"WX12"D NEMA 4X ENCLOSURE WITH LOCK HASP FOR HOUSING CAMERA/NETWORK COMPONENTS TO BE PROVIDED BY OTHERS. PROVIDE HOFFMAN A24H2412SSLP3PT OR APPROVED EQUAL.
- 4 24"WX36"LX24"D H-20 TRAFFIC RATED PULL BOX FOR FIBER OPTIC CABLE. PROVIDE CHRISTY B2436 OR APPROVED EQUAL. PROVIDE WITH 12" EXTENSION TO ACHIEVE 24"D TO ACCOMMODATE FIBER OPTIC SERVICE LOOP.
- 5 (1) 2" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION. STUB UP, CAP, AND PROVIDE PULL STRING. CONTRACTOR SHALL DIRECTIONAL BORE UNDER DRIVEWAY ENTRANCES. NO ROAD CUTS ALLOWED. PAYMENT FOR 2" SCHEDULE 40 PVC SHALL BE PROVIDED UNDER LUMP SUM PAY ITEMS LT-1 AND LT-2.
- 6 FIBER OPTIC CABLE TO BE PROVIDED AND INSTALLED BY OTHERS.
- 7 EXISTING MAIN DISTRIBUTION PANEL (MDP SITE). SEE PANEL SCHEDULES FOR DETAILS. CONTRACTOR TO VERIFY LOADS PRIOR TO CONSTRUCTION.
- 8 NEW POWER PANEL (4LB), NEMA 4X, SEE PANEL SCHEDULES FOR DETAILS. CONTRACTOR TO VERIFY LOADS PRIOR TO CONSTRUCTION.
- 9 EXISTING POWER PANEL (4L), SEE PANEL SCHEDULES FOR DETAILS. CONTRACTOR TO VERIFY LOADS PRIOR TO CONSTRUCTION.
- 10 EXISTING LOCATION FOR POWER DISTRIBUTION RACK. SEE PANEL SCHEDULES ON SHEET E106.
- 11 LOCATION OF EXISTING FREE-STANDING COMMUNICATION ENCLOSURE. PROVIDE NEW 2" PVC CONDUIT FROM ENCLOSURE TO PARKING LOT AREAS FOR ROUTING OF FIBER OPTIC CABLE TO LIGHT POLE MOUNTED CAMERA LOCATIONS ON SHEETS E101, E102, AND E103. FIBER OPTIC CABLE TO BE PROVIDED BY OTHERS.

MATCHLINE - SEE SHEET E102



1 PARKING LOT B LIGHTING LAYOUT, AREA 02
1" = 20'-0"

2 PARKING LOT B LIGHTING LAYOUT, AREA 03
1" = 20'-0"

AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
NICEVILLE, FL 32578-2425
OFFICE: (850) 678-0050 - FAX: (850) 678-0040
CORPORATE CERTIFICATE OF
AUTHORIZATION NUMBER: 5057
www.avconinc.com

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TRANSFORMING TODAY'S IDEAS
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ENGINEER OF RECORD
STATE OF FLORIDA SEAL

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NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

VPS PARKING LOT B
AREA 02 & 03
LIGHTING LAYOUT
RELEASE FOR BID

VPS PARKING LOT B
EXPANSION
PREPARED FOR
DESTIN - FORT WALTON
BEACH AIRPORT

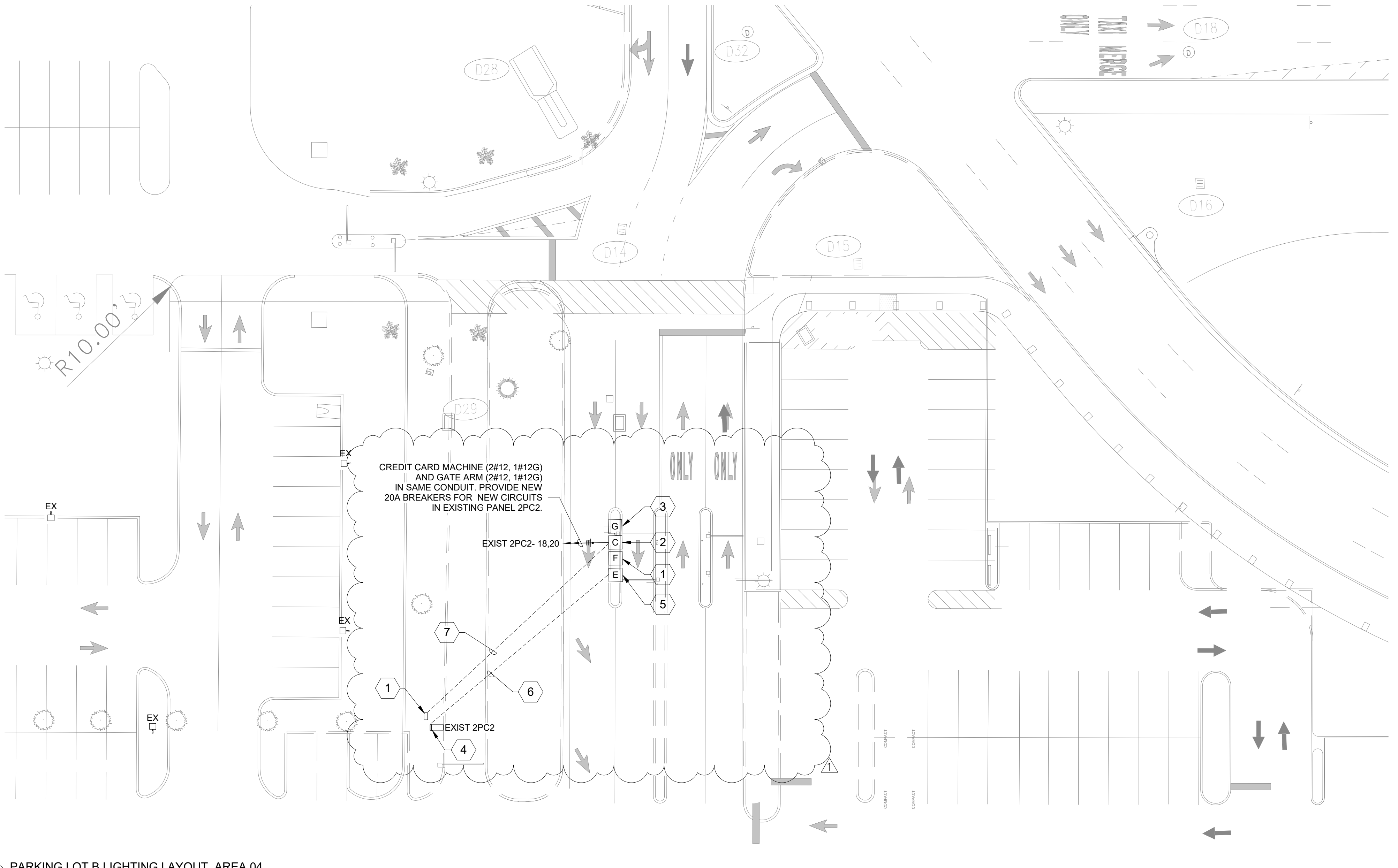
DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E103

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ELECTRICAL KEY NOTES

- 1 13"x23" TRAFFIC RATED PULL BOX FOR COMMUNICATION CONDUITS
- 2 CREDIT CARD MACHINE TO BE PROVIDED BY OTHERS
- 3 GATE ARM TO BE PROVIDED BY OTHERS
- 4 EXISTING POWER PANEL (2PC2). CONTRACTOR TO VERIFY LOADS PRIOR TO CONSTRUCTION.
- 5 13"x23" TRAFFIC RATED PULL BOX FOR ELECTRICAL CONDUITS
- 6 DIRECTIONAL DRILL (2) 1" CONDUIT FROM PANEL 2PC2 TO NEW ELECTRICAL PULL BOX IN EXISTING ISLAND.
- 7 DIRECTIONAL DRILL (2) 2" CONDUITS FROM NEW COMMUNICATION PULL BOX IN TURFED AREA TO NEW COMMUNICATION PULL BOX IN EXISTING ISLAND.



1 PARKING LOT B LIGHTING LAYOUT, AREA 04
1" = 20'-0"

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NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

**VPS PARKING LOT B
AREA 04 LIGHTING
LAYOUT**
RELEASE FOR BID

**VPS PARKING LOT B
EXPANSION**
PREPARED FOR
**DESTIN - FORT WALTON
BEACH AIRPORT**

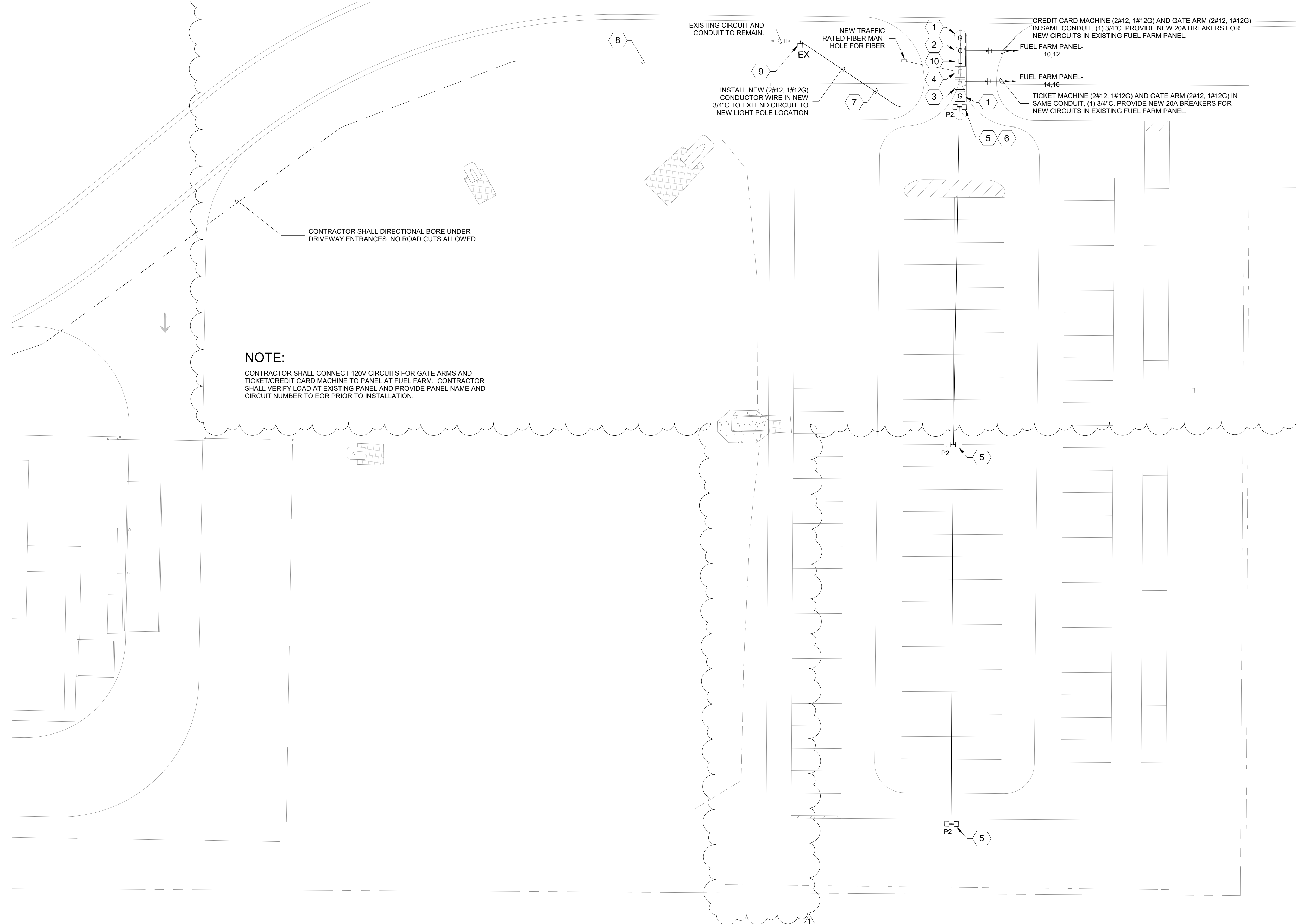
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E104

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ATTACHMENT C ELECTRICAL KEY NOTES

- 1 GATE ARM TO BE PROVIDED BY OTHERS
- 2 CREDIT CARD MACHINE TO BE PROVIDED BY OTHERS
- 3 TICKET MACHINE TO BE PROVIDED BY OTHERS
- 4 13"x23" TRAFFIC RATED PULL BOX FOR COMMUNICATION CONDUITS
- 5 REFER TO INSTALLATION DETAILS FOR LIGHT POLE INSTALLATION AND REQUIREMENTS.
- 6 PROVIDE 24"LX24"WX12"D NEMA 4X ENCLOSURE WITH LOCK HASP FOR HOUSING CAMERA/NETWORK COMPONENTS TO BE PROVIDED BY OTHERS. PROVIDE HOFFMAN A24H2412SSLP3PT OR APPROVED EQUAL.
- 7 (1) 1" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION. INSTALL NEW (2#12, 1#12G) CONDUCTOR WIRE IN NEW 3/4"C TO EXTEND CIRCUIT TO NEW LIGHT POLE LOCATION.
- 8 (1) 2" SCHED. 40 PVC. REFER TO INSTALLATION DETAILS FOR UNDERGROUND CONDUIT INSTALLATION. STUB UP, CAP, AND PROVIDE PULL STRING. CONTRACTOR SHALL DIRECTIONAL BORE UNDER DRIVEWAY ENTRANCES. NO ROAD CUTS ALLOWED. PAYMENT FOR 2" SCHEDULE 40 PVC SHALL BE PROVIDED UNDER LUMP SUM PAY ITEMS LT-1 AND LT-2.
- 9 EXISTING LIGHT POLE AND CONCRETE BASE. EXISTING LIGHT FIXTURE TO REMAIN.
- 10 13"x23" TRAFFIC RATED PULL BOX FOR ELECTRICAL CONDUITS



AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
NICEVILLE, FL 32578-2425
OFFICE: (850) 678-0050 • FAX: (850) 678-0040
CORPORATE CERTIFICATE OF AUTHORIZATION NUMBER: 5057
www.avconinc.com

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NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

VPS PARKING LOT D LIGHTING LAYOUT
RELEASE FOR BID

VPS PARKING LOT B EXPANSION
PREPARED FOR
DESTIN - FORT WALTON BEACH AIRPORT

DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E105

1 PARKING LOT D LIGHTING LAYOUT
1" = 20'-0"

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NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

ELECTRICAL LOAD
CALCULATIONS AND
PANEL SCHEDULE

VPS PARKING LOT B
EXPANSION
PREPARED FOR
DESTIN - FORT WALTON
BEACH AIRPORT

DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E106

GENERAL NOTES:

EXISTING ELECTRICAL PANELS SHOW NO LOAD EXCEPT FOR THE LOAD THAT IS BEING ADDED FOR THIS PROJECT. EOR DOES NOT HAVE PERTINANT DATA FOR COMPLETING THE LOAD INFORMATION FOR EXISTING PANELS. CONTRACTOR SHALL VERIFY EXISTING LOADS AND CIRCUIT INFORMATION AND PROVIDE INFORMATION TO EOR PRIOR TO CONSTRUCTION AND EQUIPMENT HAS BEEN PURCHASED.

PANEL: **EXIST PNL MDP** AIC RATING: **EXIST**
 VOLTAGE: **208Y/120V** FRAME: **250A** FED FROM: **MDP**
 MAIN TYPE: **150A MAIN CIRCUIT BREAKER** LOCATION: **SITE EXTERIOR RACK** NEW CONSTRUCTION
 NEMA RATING: **TYPE 4X** PHASE: **3Φ** BUS TYPE: **COPPER**
 MOUNTING: **SURFACE** # of WIRES: **4W** LUG TYPE: **BOLT-ON** 1 PANEL SECTION

LOAD DESCRIPTION	LOAD (kVA)			LOAD AMPS	BREAKER			LOAD AMPS	LOAD (kVA)			LOAD DESCRIPTION	
	ΦC	ΦB	ΦA		C/B TRIP	POLE	CKT #		POLE	C/B TRIP	ΦA		ΦB
NEW PNL 4LB	1.84	1.84	1.84	15.32	100A	3	1 2 3 4 5 6	3	100A	0.00	0.00	0.00	EXIST PNL 4L
SPARE	0.00	0.00	0.00	0.00	20A	1	7 8	1	20A	0.00	0.00	0.00	SPARE
SPARE	0.00	0.00	0.00	0.00	20A	1	9 10	1	20A	0.00	0.00	0.00	SPARE
SPARE	0.00	0.00	0.00	0.00	20A	1	11 12	1	20A	0.00	0.00	0.00	SPARE
SPACE (NOT USED)	0.00	0.00	0.00	0.00	20A	1	13 14	1	20A	0.00	0.00	0.00	SPACE (NOT USED)
SPACE (NOT USED)	0.00	0.00	0.00	0.00	20A	1	15 16	1	20A	0.00	0.00	0.00	SPACE (NOT USED)
LTG - HIGH MAST LIGHTS	0.00	0.00	0.00	0.00	20A	1	17 18 19 20 21 22	3	20A	0.00	0.00	0.00	SPARE
SPARE	0.00	0.00	0.00	0.00	30A	1	23 24 25 26 27 28	3	40A	0.00	0.00	0.00	FUEL FARM
SPACE (NOT USED)	0.00	0.00	0.00	0.00	20A	1	29 30	1	20A	0.00	0.00	0.00	SPACE (NOT USED)
MAIN BREAKER				150A	3			3	30A				SURGE PROTECTION DEVICE
TOTALS	-	-	-							-	-	-	TOTALS

DEMAND LOAD CALCS:			
LOAD CLASSIFICATION	CONNECTED	DEMAND	REMARKS
RECEPTACLE LOAD	0.00	0.00	RECEP. FIRST 10KVA
LIGHTING LOAD	5.52	6.90	125% OF TOTAL LOAD
LARGEST MOTOR LOAD	0.00	0.00	25% LARGEST MOTOR
HVAC HEATING LOAD:	0.00	0.00	LARGER OF HEATING AND COOLING LOAD
HVAC COOLING LOAD:	0.00	0.00	
EQUIPMENT LOAD:	0.00	0.00	90.0% OF LOAD
ELEVATOR LOAD:	0.00	0.00	79.0% OF LOAD
KITCHEN EQUIP LOAD:	0.00	0.00	82.0% OF LOAD

PANEL SCHEDULE NOTES:
1: SIZE CB PER MFG RECOMMENDATIONS

PANEL: **NEW PNL 4LB** AIC RATING: **35,000**
 VOLTAGE: **480Y/277V** FRAME: **100A** FED FROM: **MDP**
 MAIN TYPE: **MLO (MAIN LUG ONLY)** LOCATION: **SITE EXTERIOR RACK** NEW CONSTRUCTION
 NEMA RATING: **TYPE 4X** PHASE: **3Φ** BUS TYPE: **COPPER**
 MOUNTING: **SURFACE** # of WIRES: **4W** LUG TYPE: **BOLT-ON** 1 PANEL SECTION

LOAD DESCRIPTION	LOAD (kVA)			LOAD AMPS	BREAKER			LOAD AMPS	LOAD (kVA)			LOAD DESCRIPTION	
	ΦC	ΦB	ΦA		C/B TRIP	POLE	CKT #		POLE	C/B TRIP	ΦA		ΦB
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.31	20A	2	1 2 3 4	2	15A	0.24	0.20	0.20	CAMERA 1 - XFMR (0.5 KVA)
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.00	20A	2	5 6 7 8	2	15A	0.24	0.20	0.20	CAMERA 2 - XFMR (0.5 KVA)
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.00	20A	2	9 10 11 12	2	15A	0.24	0.20	0.20	CAMERA 3 - XFMR (0.5 KVA)
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.31	20A	2	13 14 15 16 17 18	-	-	-	-	-	SPACE (NOT USED)
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.00	20A	2	19 20 21 22	-	-	-	-	-	SPACE (NOT USED)
LTG - PRKG LOT B POLE LIGHTS	0.36	0.36	0.36	0.00	20A	2	23 24 25 26 27 28	-	-	-	-	-	SPACE (NOT USED)
SPACE (NOT USED)	-	-	-	-	-	-	29 30	-	-	-	-	-	SPACE (NOT USED)
TOTALS	1.44	1.44	1.44							0.40	0.40	0.40	TOTALS

DEMAND LOAD CALCS:			
LOAD CLASSIFICATION	CONNECTED	DEMAND	REMARKS
RECEPTACLE LOAD	0.00	0.00	RECEP. FIRST 10KVA
LIGHTING LOAD	4.72	5.90	125% OF TOTAL LOAD
LARGEST MOTOR LOAD	0.00	0.00	25% LARGEST MOTOR
HVAC HEATING LOAD:	0.00	0.00	LARGER OF HEATING AND COOLING LOAD
HVAC COOLING LOAD:	0.00	0.00	
EQUIPMENT LOAD:	1.20	1.08	90.0% OF LOAD
ELEVATOR LOAD:	0.00	0.00	79.0% OF LOAD
KITCHEN EQUIP LOAD:	0.00	0.00	82.0% OF LOAD

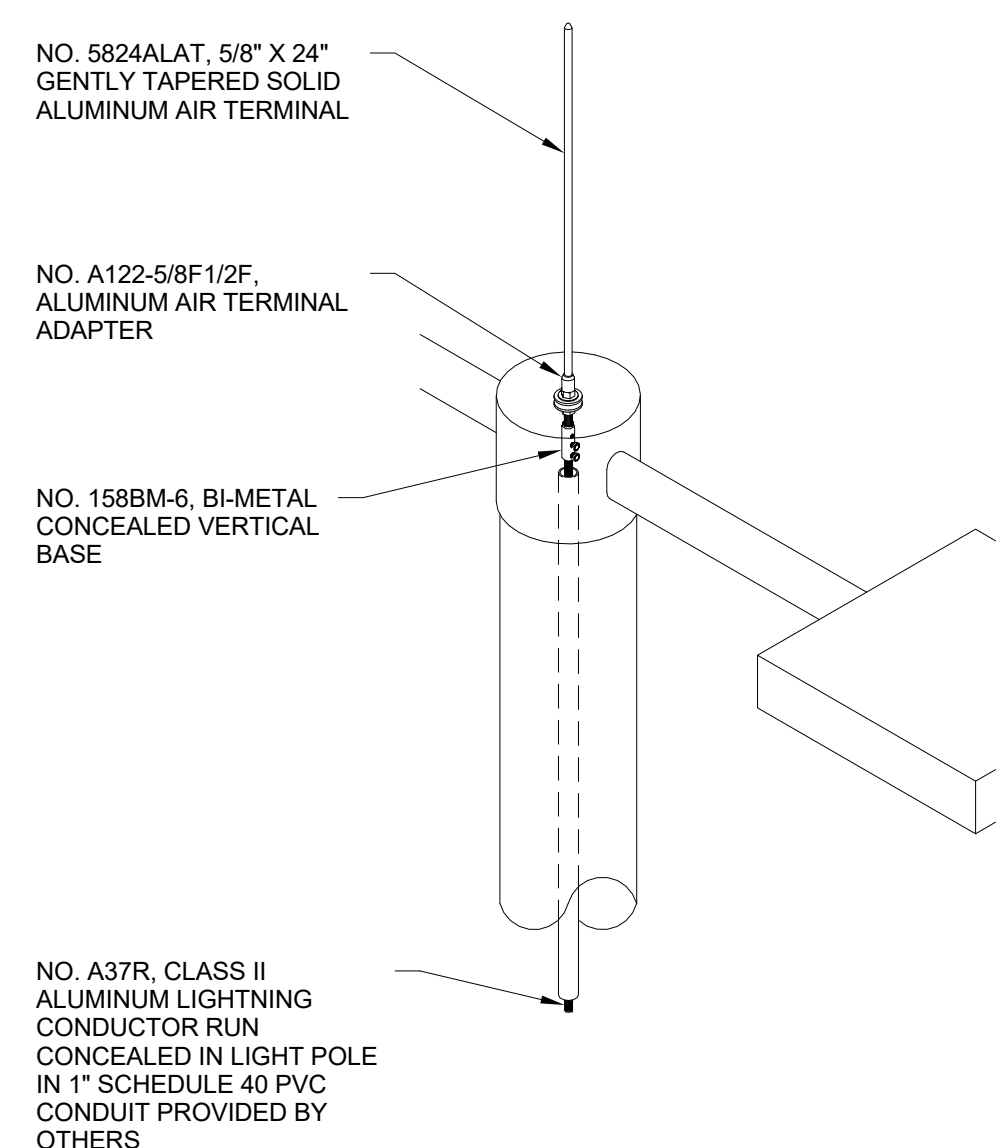
PANEL SCHEDULE NOTES:
1: SIZE CB PER MFG RECOMMENDATIONS

PANEL: **EXIST PNL 4L** AIC RATING: **35,000**
 VOLTAGE: **480Y/277V** FRAME: **100A** FED FROM: **MDP**
 MAIN TYPE: **MLO (MAIN LUG ONLY)** LOCATION: **SITE EXTERIOR RACK** NEW CONSTRUCTION
 NEMA RATING: **TYPE 4X** PHASE: **3Φ** BUS TYPE: **COPPER**
 MOUNTING: **SURFACE** # of WIRES: **4W** LUG TYPE: **BOLT-ON** 1 PANEL SECTION

LOAD DESCRIPTION	LOAD (kVA)			LOAD AMPS	BREAKER			LOAD AMPS	LOAD (kVA)			LOAD DESCRIPTION	
	ΦC	ΦB	ΦA		C/B TRIP	POLE	CKT #		POLE	C/B TRIP	ΦA		ΦB
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	1 2 3 4	2	20A	0.00	0.00	0.00	PWR - POWER CENTER 2PC1
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	5 6 7 8	2	20A	0.00	0.00	0.00	PWR - POWER CENTER 2PC2
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	9 10 11 12	2	20A	0.00	0.00	0.00	LTG - LTG CONTROL PKG LOT LTS
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	13 14 15 16	2	20A	0.00	0.00	0.00	SPARE
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	17 18 19 20	1	20A	0.00	0.00	0.00	SPARE
LTG - PRKG LOT B POLE LIGHTS	0.00	0.00	0.00	0.00	20A	2	21 22 23 24	3	30A	0.00	0.00	0.00	PWR - TUSS
LTG - CANOPY LIGHTS	0.00	0.00	0.00	0.00	20A	1	25 26	3	20A	0.00	0.00	0.00	SPARE
SPARE	0.00	0.00	0.00	0.00	20A	1	27 28 29 30	1	20A	0.00	0.00	0.00	SPARE
TOTALS	0.00	0.00	0.00							0.00	0.00	0.00	TOTALS

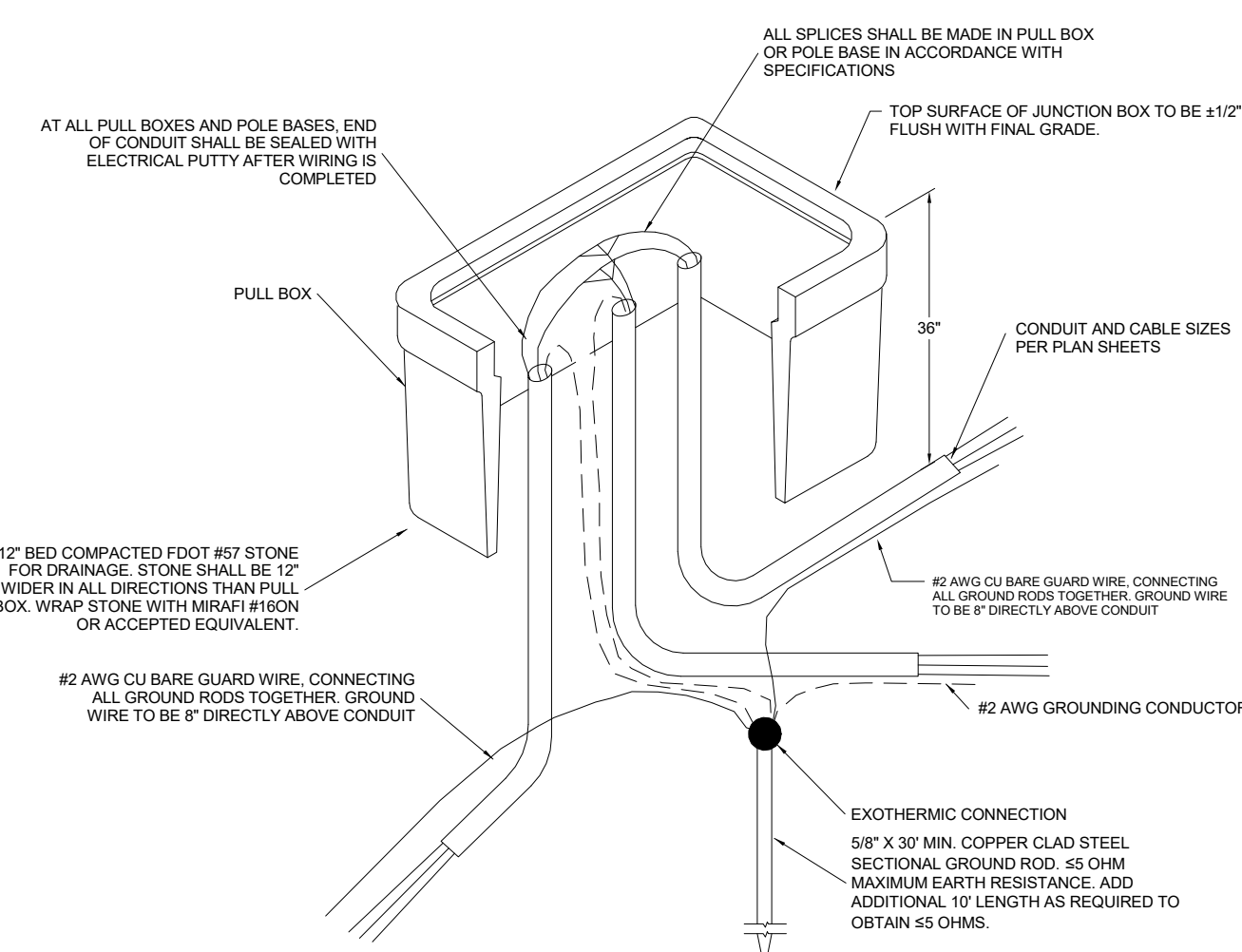
DEMAND LOAD CALCS:			
LOAD CLASSIFICATION	CONNECTED	DEMAND	REMARKS
RECEPTACLE LOAD	0.00	0.00	RECEP. FIRST 10KVA
LIGHTING LOAD	0.00	0.00	125% OF TOTAL LOAD
LARGEST MOTOR LOAD	0.00	0.00	25% LARGEST MOTOR
HVAC HEATING LOAD:	0.00	0.00	LARGER OF HEATING AND COOLING LOAD
HVAC COOLING LOAD:	0.00	0.00	
EQUIPMENT LOAD:	0.00	0.00	90.0% OF LOAD
ELEVATOR LOAD:	0.00	0.00	79.0% OF LOAD
KITCHEN EQUIP LOAD:	0.00	0.00	82.0% OF LOAD

PANEL SCHEDULE NOTES:
1: SIZE CB PER MFG RECOMMENDATIONS

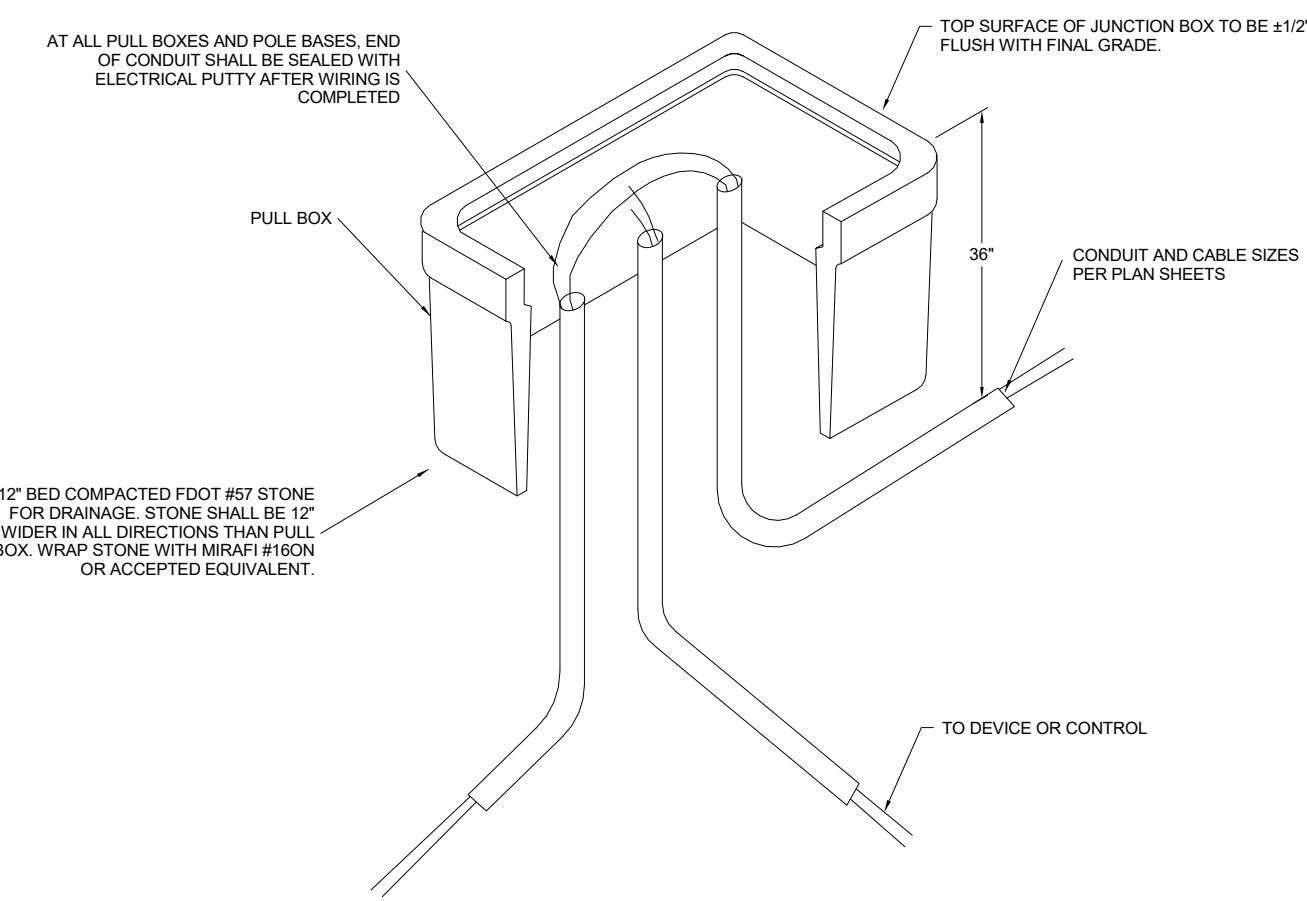


1 AIR TERMINAL DETAIL "A"
NTS

1 SITE LIGHT LP DETAIL
12" = 1'-0"

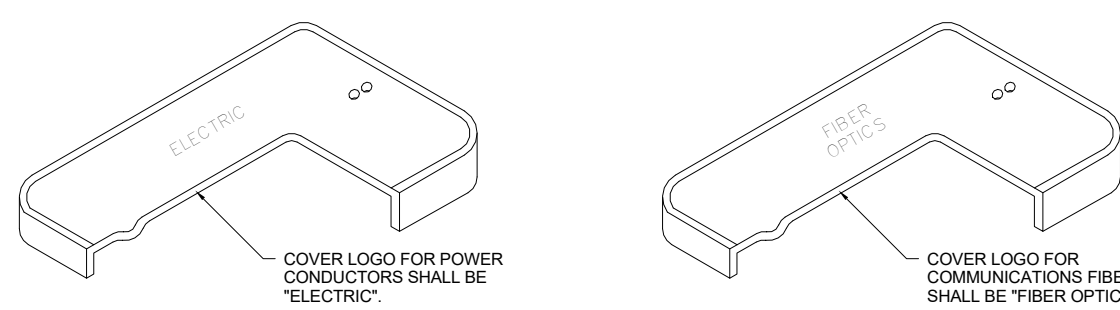


GROUNDING REQUIREMENTS OF ELECTRICAL JUNCTION/PULL BOX
N.T.S.

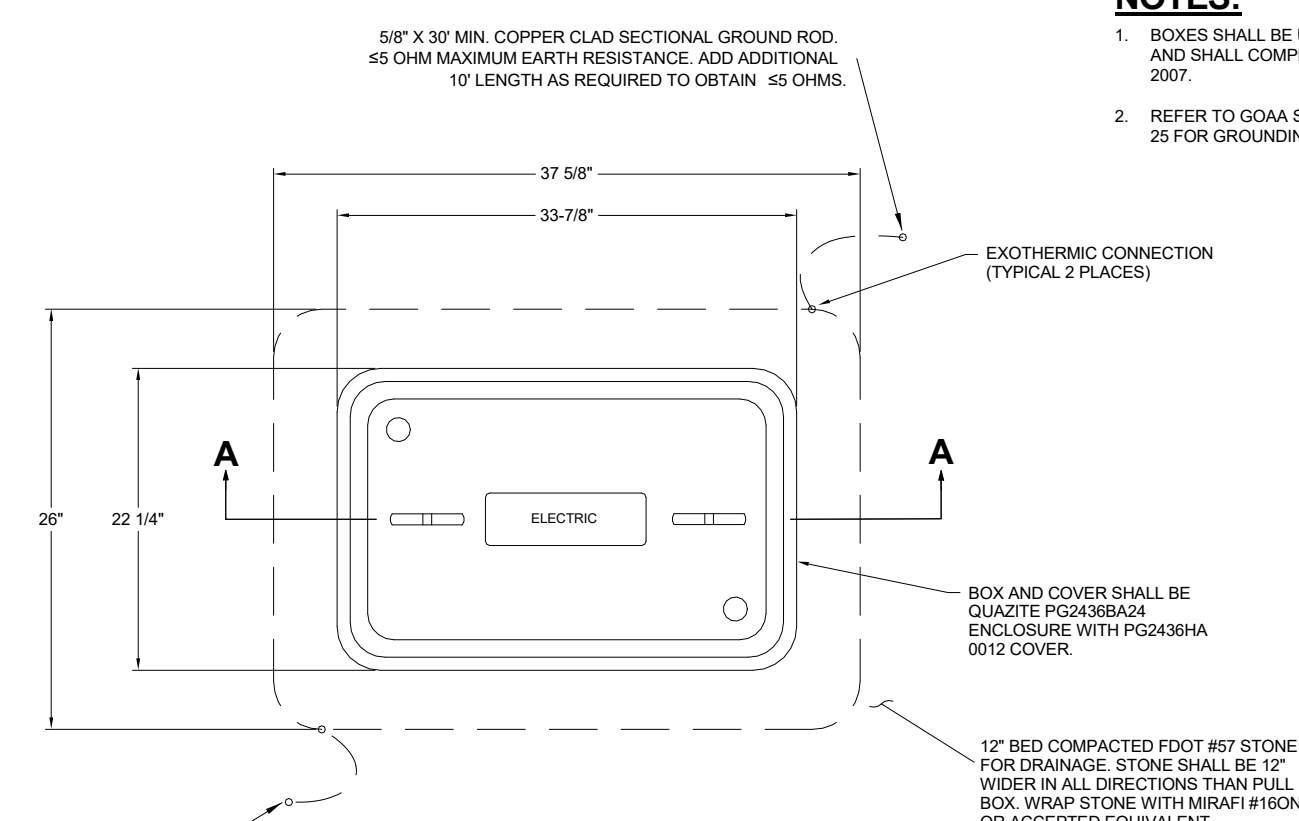


FIBER OPTIC JUNCTION/PULL BOX AT DEVICE

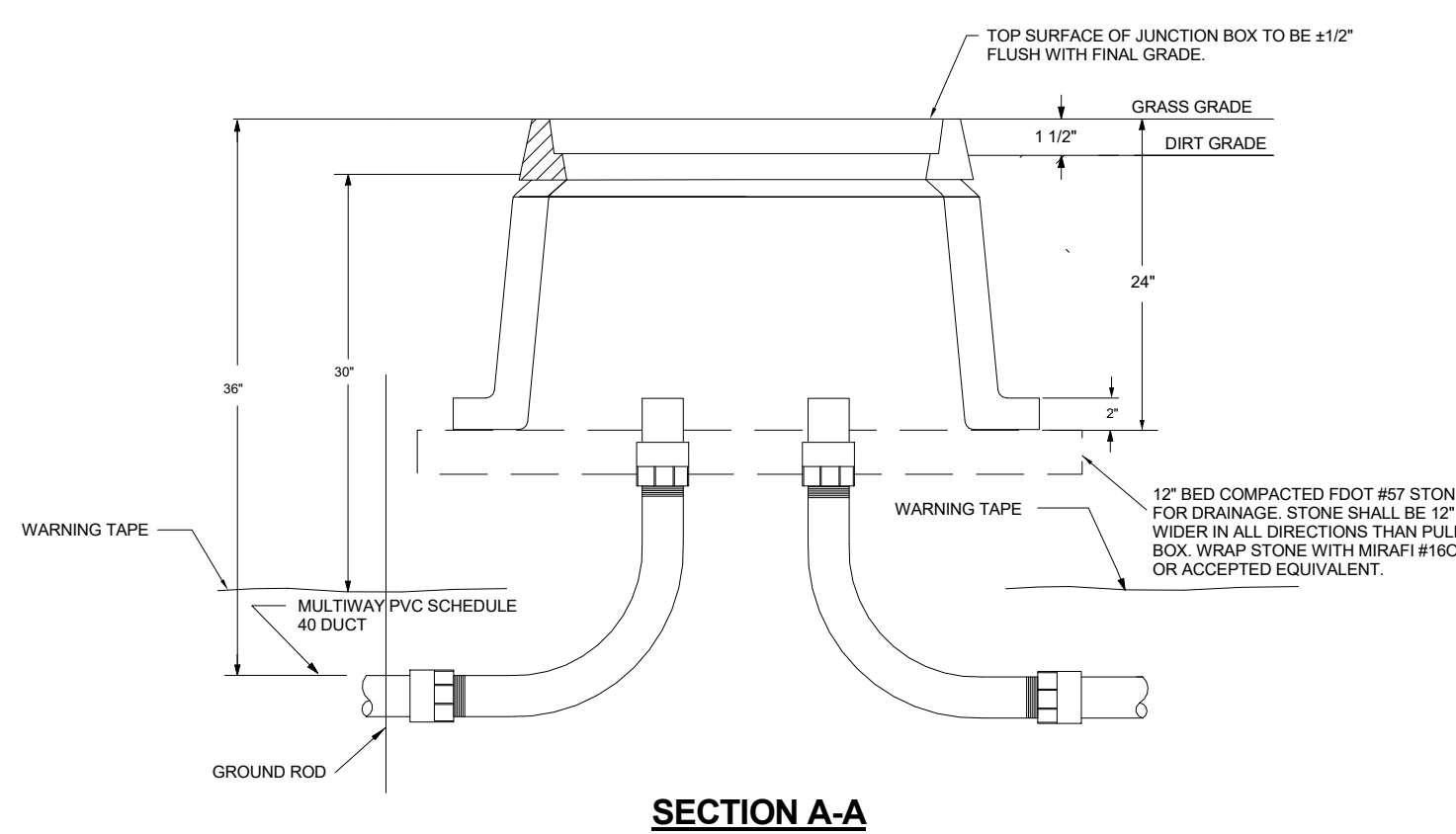
2 ELECTRICAL PULL BOX
6" = 1'-0"



NOTES:
1. BOXES SHALL BE UL LISTED TIER 22 AND SHALL COMPLY WITH ANSISCTE 77 2007.
2. REFER TO GOAA SPECIFICATION 25 06 25 FOR GROUNDING REQUIREMENTS.



24X36 JUNCTION/PULL BOX



SECTION A-A

AVCON, INC.
ENGINEERS & PLANNERS
320 BAYSHORE DRIVE, SUITE A
NICEVILLE, FL 32578-2425
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ELECTRICAL DETAILS
RELEASE FOR BID

VPS PARKING LOT B EXPANSION
PREPARED FOR
DESTIN - FORT WALTON BEACH AIRPORT

DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: RC
APPROVED BY: JC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E107

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GENERAL NOTES:

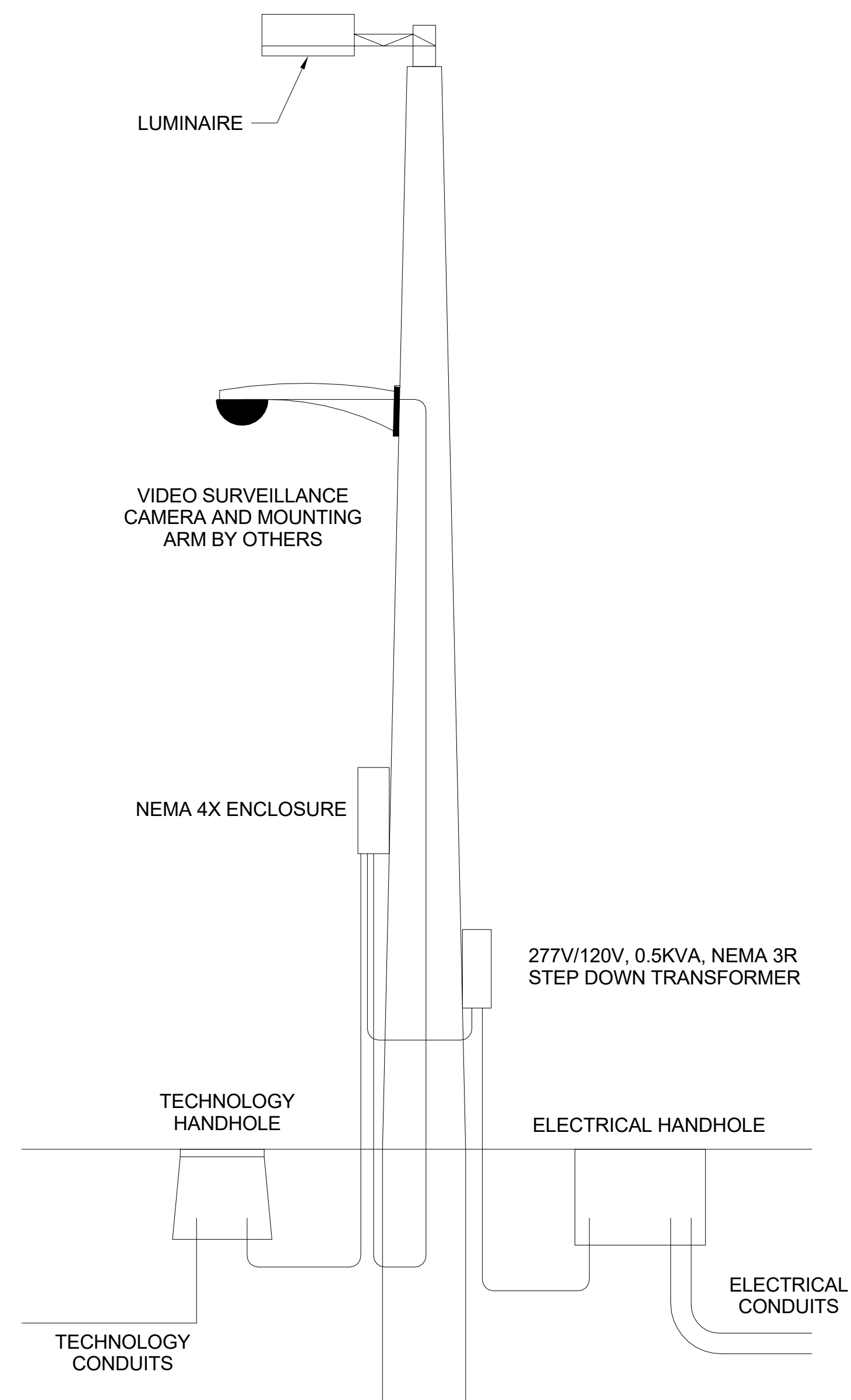
1. CCTV CAMERAS AND ASSOCIATED FIBER OPTIC CABLES TO BE PROVIDED BY OTHERS. CONTRACTOR TO PROVIDE CONDUIT, PULL BOXES, AND POLE-MOUNTED EQUIPMENT ENCLOSURES TO ACCOMMODATE CAMERA PROVIDED BY OTHERS.

LIGHT POLE NOTES:

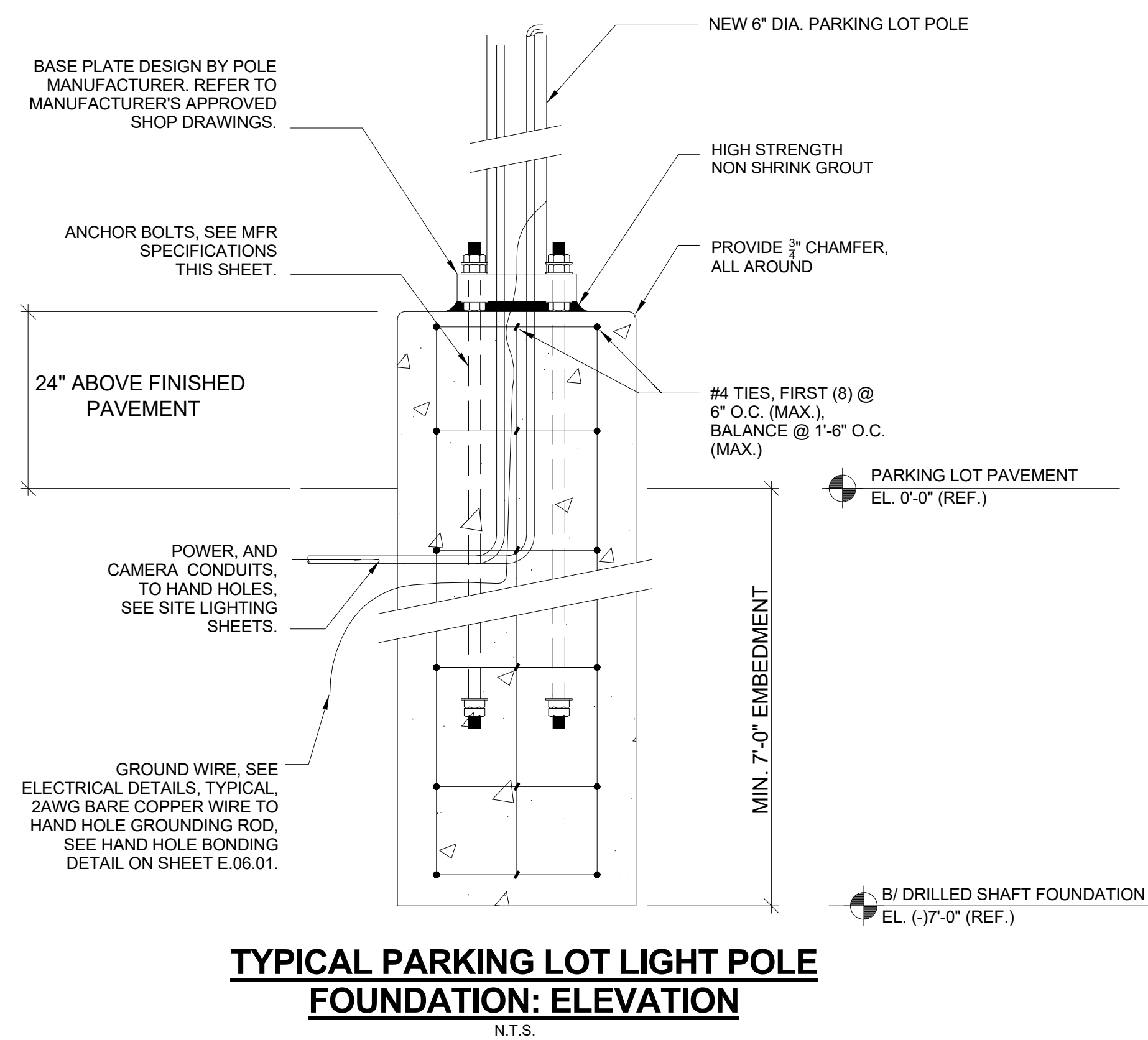
1. PROVIDE 6" DIAMETER, 25' TALL ALUMINUM POLES FOR MOUNTING OF NEW SITE LIGHTING. PROVIDE UNITED LIGHTING STANDARDS RSA-6253 OR APPROVED EQUAL. PROVIDE WITH DRILLED MOUNT OPTION.
2. LIGHT POLES WITH CAMERAS TO HAVE VIBRATION DAMPENERS AND CAMERA MOUNTING OPTION. REFER TO SITE PLANS FOR LIGHT POLES WITH CAMERA.
3. COORDINATE BOLT PATTERN WITH LIGHT POLE BASE.

FOUNDATION NOTES:

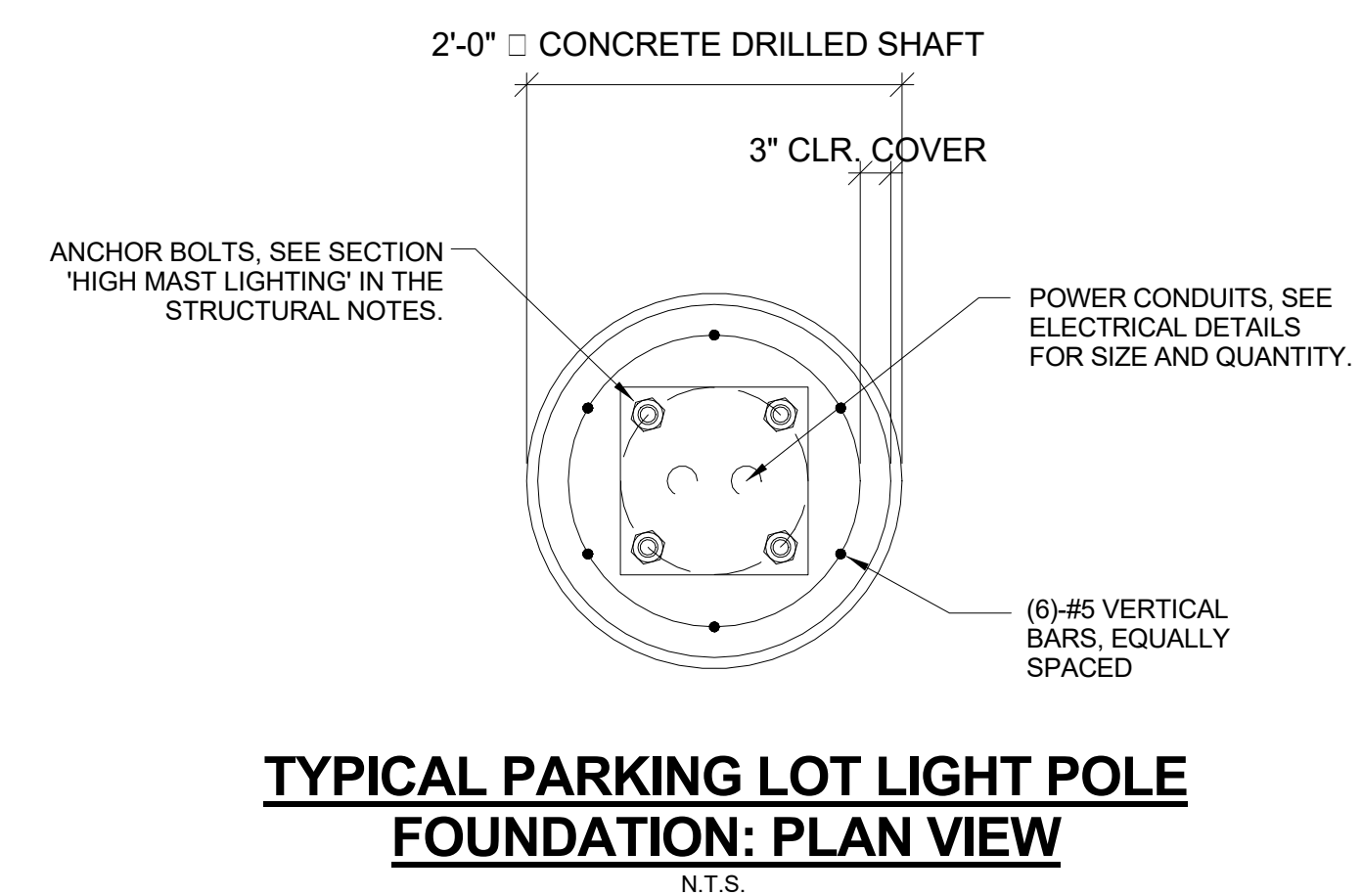
1. PROVIDE 2'-0" DIAMETER PRECAST FOUNDATIONS WITH 6" MINIMUM EMBEDMENT AND REINFORCED WITH (6) #5 VERTICALS (EQUALLY SPACED) AND #3 STIRRUPS SPACED AT 1'-0" OC (MAX.).
2. THE MINIMUM BAR CLEAR COVER SHALL BE 3" AND ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER.
3. PROVIDE 40" LONG ASTM F1554 OR MFR APPROVED ANCHOR RODS WITH DIAMETER MEETING THE REQUIREMENTS OF THE APPROVED POLE BASE DESIGN.
4. TERMINATE ANCHOR RODS EMBEDDED ENDS WITH NUT OR MIN. 4" 90° BEND.
5. FOLLOWING THE INSTALLATION OF THE FOUNDATION, CONTRACTOR SHALL COMPACT THE SURROUNDING SOILS TO 95% OF STANDARD PROCTOR.
6. REFER TO PLAN DETAILS FOR HEIGHT OF FOUNDATION ABOVE FINISHED GRADE/PAVEMENT FOR TOTAL LENGTH OF PRECAST FOUNDATIONS.
7. POLE BASES TO BE 10' HIGH. COORDINATE BOLT PATTERN WITH PROVIDED LIGHT POLE.



1 SECURITY CAMERA MOUNTED ON LIGHT POLE
12" = 1'-0"



2 LIGHT POLE FOUNDATION DETAILS
12" = 1'-0"



TYPICAL PARKING LOT LIGHT POLE FOUNDATION: PLAN VIEW
N.T.S.

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NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/20	ADDENDUM 1	FB

ELECTRICAL DETAILS
RELEASE FOR BID

VPS PARKING LOT B EXPANSION
PREPARED FOR
DESTIN - FORT WALTON BEACH AIRPORT

DESIGNED BY: KB
DRAWN BY: KB / FB
CHECKED BY: JC
APPROVED BY: RC
PROJECT NO: 2019.0050.05
DATE: JANUARY 2019

SHEET NUMBER
E108

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MEMORANDUM

Date: February 5, 2020

To: File – 2019.050.05/Meetings

CC: Meeting Attendees (noted on attached sheet)

From: John Collins, AVCON, Inc. (850-678-0050) 

Re: Minutes from Pre-Bid Conference on February 5, 2020
VPS Parking Lot B Expansion
Destin-Fort Walton Beach Airport

MINUTES

A project Pre-Bid Conference was held on February 5, 2020 from 2:30 - 3:40 p.m. at the Destin-Fort Walton Beach Airport with members from Okaloosa County Airports, Okaloosa County Purchasing, AVCON, and interested contractor representatives. A site visit was offered following this meeting with all interested meeting attendees.

The following minutes represent a summary of the salient issues discussed. They are not intended to be a verbatim transcript of the meeting or a part of the contract documents. These minutes are for informational purposes only.

A copy of the meeting agenda, the PowerPoint presentation provided at the meeting, and a list of meeting participants are attached. General introductions were made by Mr. Chad Rogers, Deputy Director for Okaloosa County Airports, followed by a review of the purpose of the meeting by Mr. John Collins, Project Manager for AVCON INC. The following items were discussed:

- **Introduction:** Mr. John Collins welcomed attendees and thanked them for their interest in the project. He stated that Parking Lot B is located in the southwest portion of the Destin-Fort Walton Beach Airport and is located outside of the Airport Operations Area (AOA) fence. Parking Lot D is located just east of the fuel farm in the southeast area of the airport. The locations of the Destin-Fort Walton Beach Airport, Parking Lot B, and Parking Lot D were depicted on a PowerPoint presentation.
- **Initial Activities:** Contractor shall field verify all existing conditions. The initial site preparation shall include installation of silt fence and erosion control improvements. Most of the Parking Lot B area has been cleared and grubbed by a previous contractor, and Parking Lot D consists of asphalt millings which will be re-used to prepare the stabilized subgrade material.
- **Scope of Work – Parking Lot B:** Parking Lot B consists of 507 new asphalt parking spaces with fencing, concrete curb and sidewalks, grading and drainage, site lighting improvements, and power and data conduits for security cameras. The pavement section consists of 2 inches of asphalt on 8 inches of limerock base on 12 inches of stabilized subbase (minimum LBR 40). This project also provides power and data conduits for future gate arms and credit card machines at an entrance island.
- **Scope of Work – Parking Lot D:** Parking Lot D consists of 119 new asphalt parking spaces with fencing, grading and drainage, site lighting improvements, and power and data conduits for security cameras. The pavement section consists of 2 inches of asphalt on 6 inches of limerock base on 12

inches of stabilized subbase (mixture of existing 6 inches of asphalt millings and six inches of existing subgrade material). This project also provides power and data conduits for future gate arms and credit card machines at an entrance island.

- **Bid Schedule:** This is a unit-price contract. The Base Bid is all work associated with Parking Lot B, Additive Alternate No. 1 consists of all work associated with the Parking Lot D improvements, and Additive Alternate No. 2 consists of all work associated with clearing approx. 5 acres of trees identified on Sheet G-5.
- **Construction Permits:** This project will require a Hot Works permit from Eglin AFB for any welding and an Okaloosa County Building Permit. Design Documents will be provided to the Okaloosa County Building Department before the County issues NTP for the construction work. The FAA airspace studies have been submitted and approved by the FAA.
- **Site Access:** Site access is provided via the temporary access road along the west side of the airport and connecting to Highway 85. The contractor is required to maintain this road and provide a flagger anytime the gate on Highway 85 is not locked. There may be multiple contractors working in this same area so care and coordination must be taken to ensure there are no conflicts. No airport badges are required for construction employees and any access needed on Eglin AFB will be provided by the airport of Eglin AFB.
- **Staging & Dust Control:** Dust control is an important requirement of this project. Since the commercial aircraft apron is located immediately east of the project site, the contractor shall minimize dust to protect aircraft, equipment, operations in the vicinity. The contractor shall utilize the staging and stockpile locations indicated in the plans. The contractor shall be responsible for daily inspections to check for debris on access roads.
- **Future Addenda:** An addendum is anticipated to remove a portion of the data conduit between the Cargo Building and Parking Lot D and provide guidance for the re-use of available parking lot light poles.
- **Bid Date:** Mr. Collins began a review of the administrative items. The bid date is Wednesday, February 26, 2020, until 3:00 p.m. central time in Crestview. Bids shall be sealed. Bids received after the specified time will not be considered. The bids will be opened and read aloud to all interested parties. The final day for questions is Wednesday, February 12 by 3:00 pm.
- **Basis of Award:** The basis of award shall be based on the lowest combination of the Base Bid and additive alternates ultimately awarded by the County.
- **Bid Documents:** The documents required to be submitted with the bid are listed in the Bid Form.
- **Contract Award:** The contract will be awarded by the County as soon as possible following receipt of the bids.
- **Contract Time:** The contract time to substantial completion is 60 days and the contract time to final completion is 120 days. Substantial Completion is defined as the completion of the asphalt pavement, concrete curb and sidewalk, fencing, and pavement markings. All remaining work must be finally complete within 120 days.
- **Liquidated Damages:** Liquidated damages are included in the Okaloosa County Standard Clauses in the bid documents. The amount of these damages is dependent upon the contract amount.

VPS Parking Lot B Expansion Pre-Bid Conference Minutes
Destin-Fort Walton Beach Airport
February 5, 2020
Page 3 of 3

- **Insurance:** The Bid Documents require \$1M of general liability insurance. See Page BOC 4 of 6 for additional insurance requirements.
- **Disadvantaged Business Enterprise:** There is no specific DBE goal for this project. The contractor is required to make a good faith effort to provide DBE participation.
- **E-Verify:** The contractor shall adhere to all E-Verify requirements as stated in the E-Verify Compliance Certification form which shall be completed and submitted with the bid.
- **Weekly Construction Meetings:** The contractor shall host weekly construction status meetings at the Destin-Fort Walton Beach Airport to review the status of the project.
- **Mailing of Bid Submittals:** Crestview is not a guaranteed next-day delivery location so the bidders should plan accordingly.
- **Questions:** The following questions were provided during the meeting:
 - Is the 5 ac of clearing in Additive Alternate No. 2 required to be complete by the substantial completion date? Response – No, the 5 ac of tree clearing must be complete before the 120-day final completion date.
 - Is a specific type of seed required since the seeding will occur on Eglin AFB? Response – the engineer will review this an issue an addendum if a different specification is required.
 - Can the unit price in written words be removed from the Bid Schedule? Response – The County Purchasing Department will review this request and provide a response.
 - Can the geotechnical report be provided? Response – a geotechnical report for the adjacent West Apron Expansion project is available and will be provided in an addendum.

END OF MINUTES

**VPS PARKING LOT B EXPANSION AT
DESTIN-FORT WALTON BEACH AIRPORT
Okaloosa County, Florida**

**PRE-BID CONFERENCE
FEBRUARY 5, 2020 – 2:30 pm CDT**

AGENDA

I. INTRODUCTION OF PARTICIPANTS

- A. Owner -** Okaloosa County
- B. Engineer-** AVCON, INC.
- C. Funding Agency -** Okaloosa County, Florida Department of Transportation (FDOT)

II. PURPOSE

To clarify and explain the construction scope, procedures, and safety measures associated with the bidding documents, and to answer questions.

III. SCOPE OF WORK

A. Description of Project

1. General overview
2. Site preparation
 - a. Erosion control, silt fence
 - b. Existing millings in Parking Lot B
3. Primary Construction elements
 - a. Clearing and grubbing
 - b. Fence removal
 - c. Grading
 - d. Parking Lot B pavement section
 - e. Parking Lot D pavement section
 - f. Drainage
 - g. Fencing
 - h. Area lighting
 - i. Data infrastructure
 - j. Power for gate arms and credit card reader
 - k. Additional tree clearing, grubbing, seeding
4. Bid Schedule
 - a. Base Bid – Parking Lot B expansion
 - b. Additive Alternate No. 1 – Parking Lot D development
 - c. Additive Alternate No. 2 – 5 ac tree clearing
5. Pay Items
 - a. Unit Price for each Bid Schedule

B. Safety

1. Safety During Construction Plan:
 - a. Temporary access road and flagger
 - b. Stay inside existing fence
 - c. Runway 12-30 Clear Zone
2. Dust and erosion control
3. Staging and access

IV. FUTURE ADDENDA

- A. Remove fiber between cargo building and Parking Lot D**
- B. Guidance to re-use existing light poles**

V. ADMINISTRATION

A. Project Schedule and Time

1. Last day for questions is Wednesday, February 12 by 3:00 pm local time
2. Bids due on Wednesday, February 26, 2020 until 3:00 pm local time
3. Contract Award
4. Duration and Time of Completion, 60 days to substantial, 120 to final
5. Liquidated Damages

B. Contract Documents

1. Unit Price Contract
2. Basis of Award
3. DBE Goal

C. Bidding Documents

VI. QUESTIONS AND ANSWERS

VPS Parking Lot B Expansion

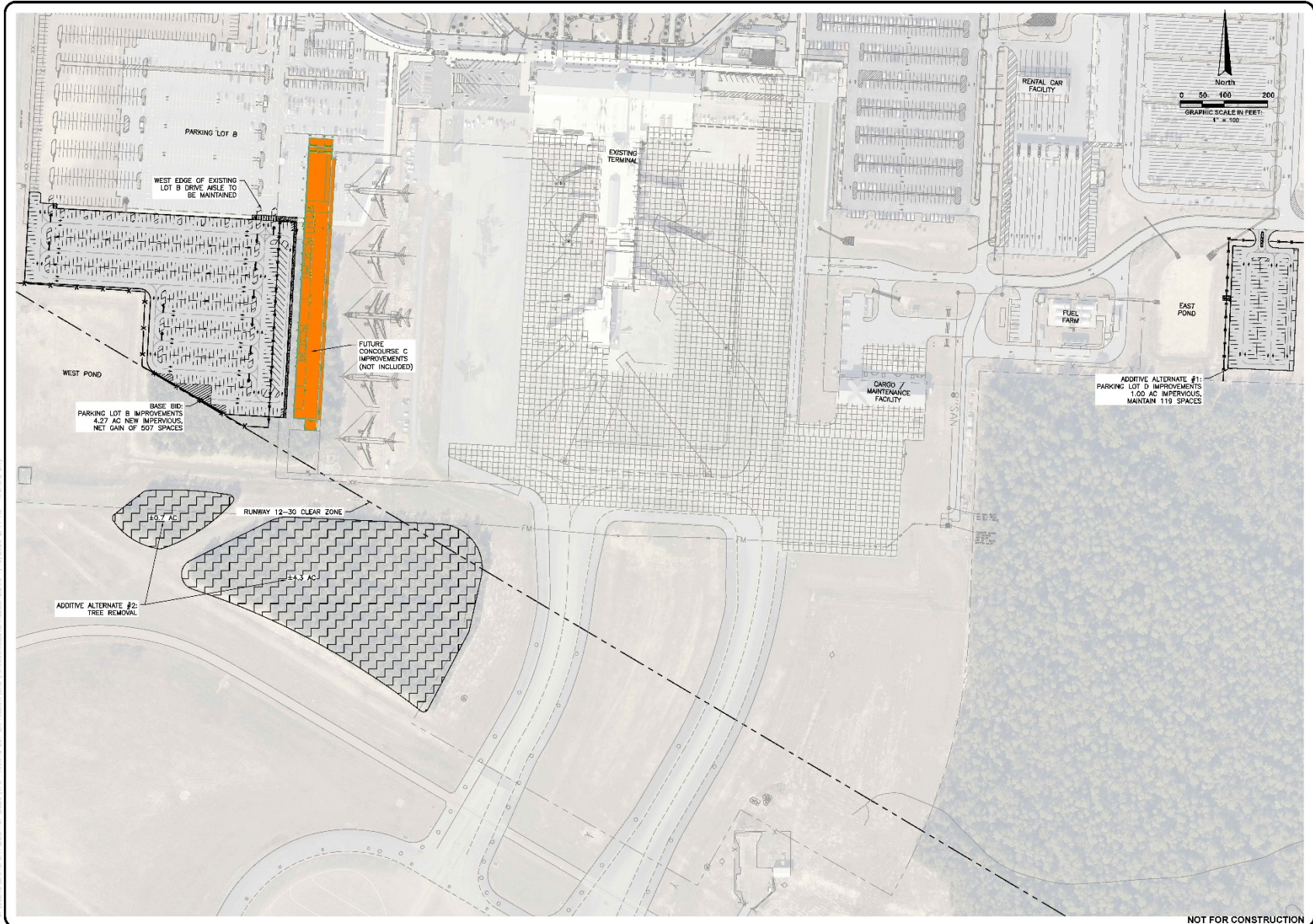
Pre-Bid Meeting, February 5, 2020 at 2:30 PM



VPS Parking Lot B Expansion ATTACHMENT D



VPS Parking Lot B Expansion



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AVCON, INC.
ENGINEERS & PLANNERS
 130 BAYSHORE DRIVE, SUITE A
 FORT WORTH, TX 76104-2245
 PHONE: (817) 335-2245
 FAX: (817) 335-0440
 LICENSE NO. 00000000000000000000
 AUTHORIZATION NUMBER: 00000000000000000000
 www.avcon.com



JOHN R. COLLINS
 FL LICENSE NO.: 15419
 FBPR CERTIFICATE OF
 AUTHORIZATION NO. 5037

NO.	DATE	BY

OVERALL SITE PLAN
 RELEASE FOR BID
 NOT FOR CONSTRUCTION

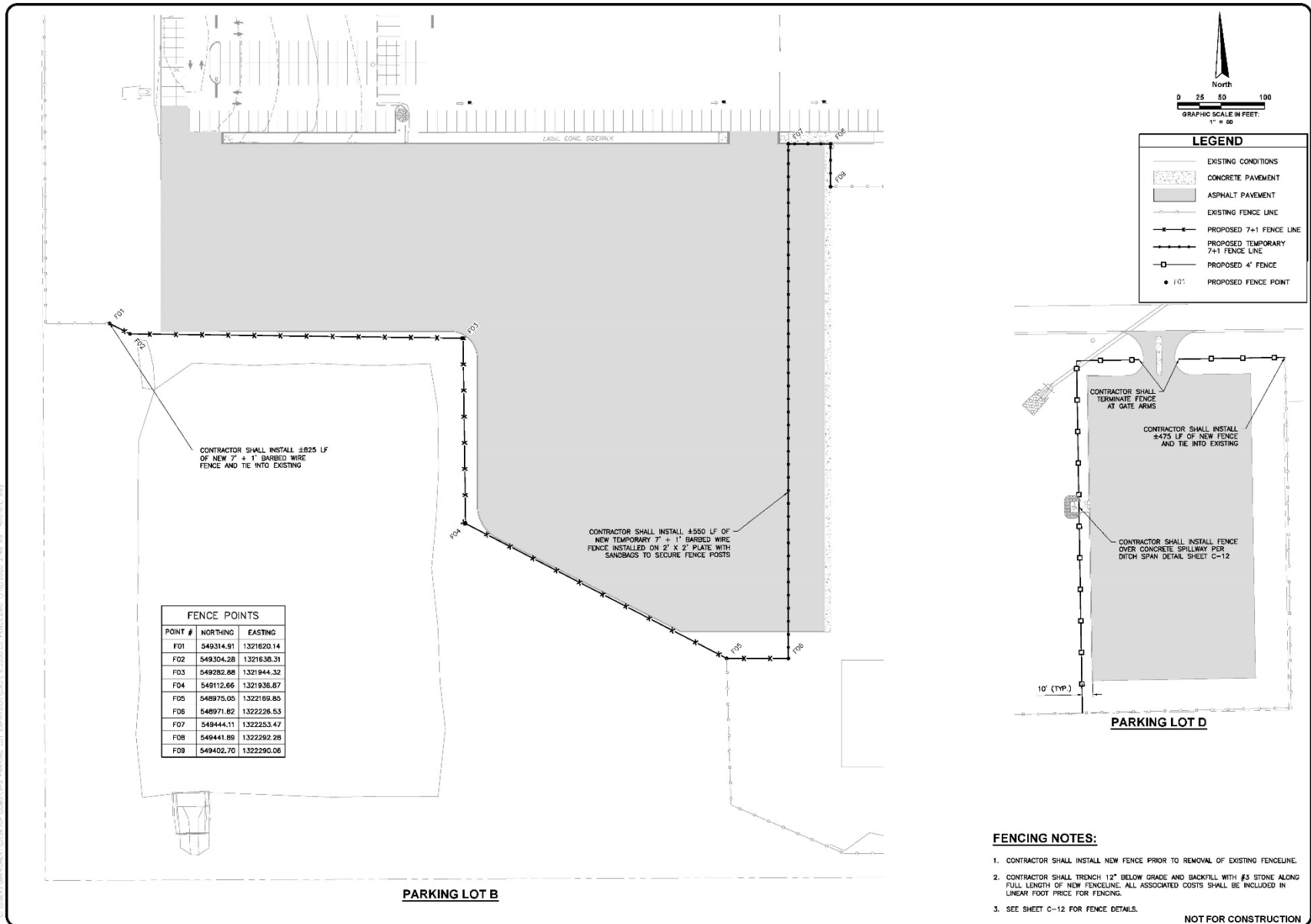
VPS PARKING LOT B EXPANSION
 PREPARED FOR
DESTIN - FORT WALTON BEACH AIRPORT

DESIGNED BY: J.R.C.
 DRAWN BY: B.V.P.
 CHECKED BY: J.R.C.
 APPROVED BY: V.C.L.
 PROJECT NO: 2019.0009.03
 DATE: JANUARY 2020

SHEET NUMBER
C-1

NOT FOR CONSTRUCTION

VPS Parking Lot B Expansion



AVCON, INC.
ENGINEERS & PLANNERS
3900 W. STATE ROAD 10
MUNNELLVILLE, SC 29578-2426
OFFICE: (803) 879-0090
CORPORATE CERTIFICATE OF AUTHORIZATION NUMBER: 5687
AUTHORIZATION EXPIRES: 12/31/2024

AVCON
TRANSFORMING TODAY'S IDEAS INTO TOMORROW'S REALITY

JOHN R. COLLINS
FL LICENSE NO. 76419
FBRP CERTIFICATE OF AUTHORIZATION NO. 8457

NO.	DATE	REVISION

FENCE PLAN
RELEASED FOR PERMIT AND NOT FOR CONSTRUCTION

VPS PARKING LOT B EXPANSION
PREPARED FOR
DESTIN - FORT WALTON BEACH AIRPORT

DESIGNED BY: J.R.C.
DRAWN BY: B.V.H.
CHECKED BY: J.R.C.
APPROVED BY: V.C.L.
PROJECT NO: 2019.0050.05
DATE: JANUARY 2020

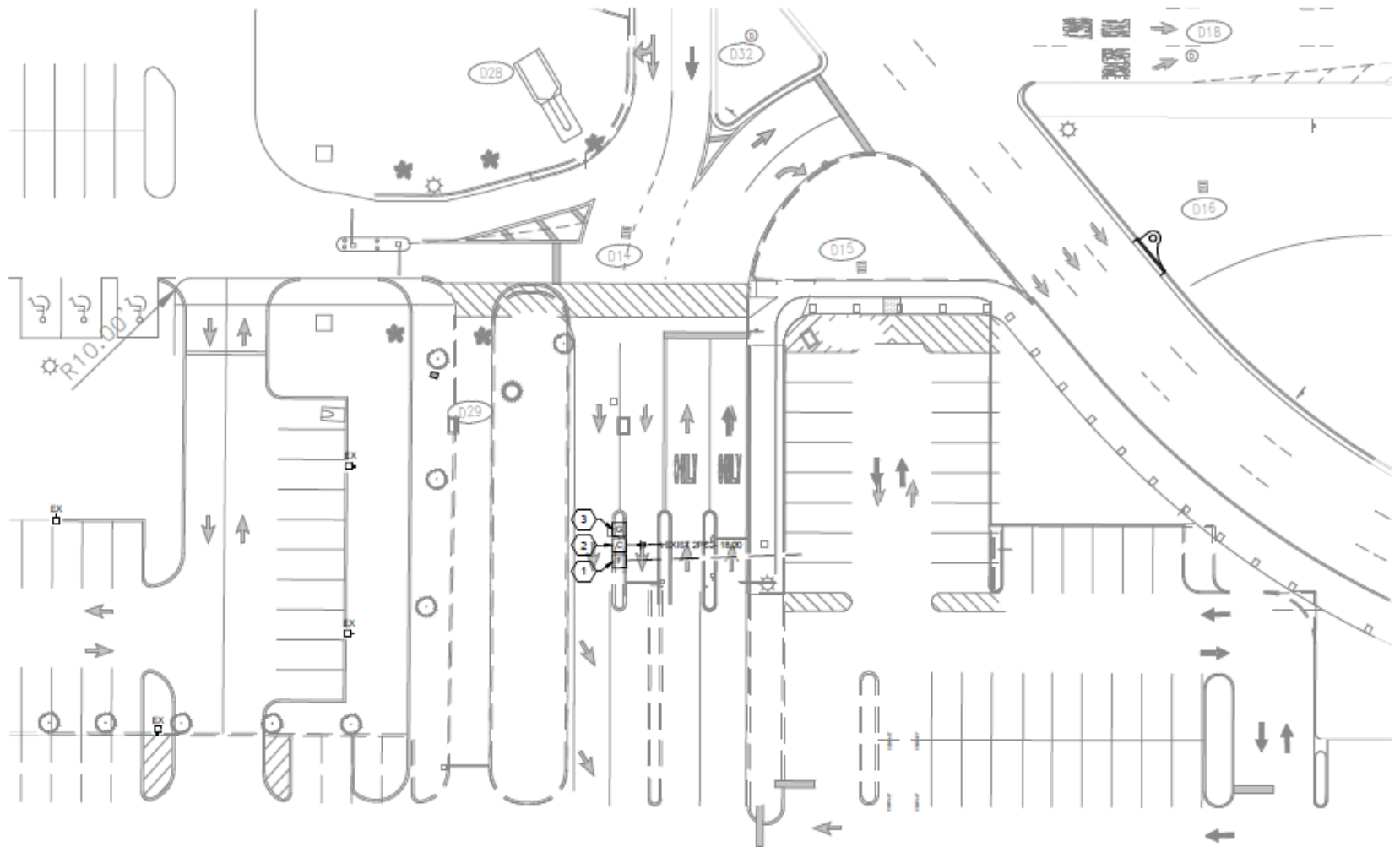
SHEET NUMBER
C-11

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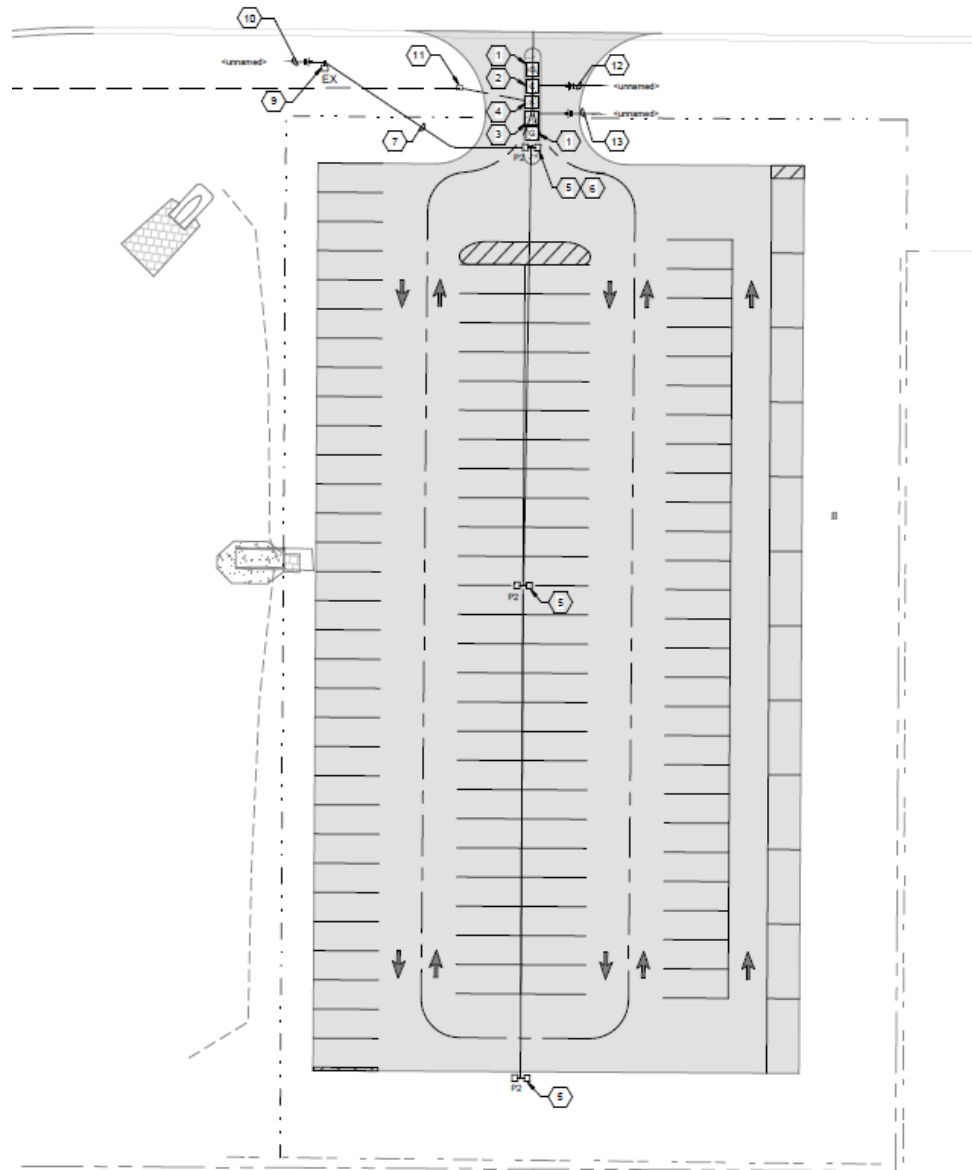
NOT FOR CONSTRUCTION

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VPS Parking Lot B Expansion



VPS Parking Lot B Expansion



VPS Parking Lot B Expansion



PRE-BID CONFERENCE SIGN-IN SHEET

February 5, 2020 at 2:30 p.m.

VPS Parking Lot B Expansion
Destin-Fort Walton Beach Airport

NAME	REPRESENTING	TELEPHONE	E-MAIL ADDRESS
Tracy Stage	Okaloosa County Airports	850-651-7160	tstage@myokaloosa.com
<i>CR</i> Chad Rogers	Okaloosa County Airports	850-651-7160	rrogers@myokaloosa.com
Allyson Oury	Okaloosa County Airports	850-651-7160	aoury@myokaloosa.com
Mike Stenson	Okaloosa County Airports	850-651-7160	mstenson@myokaloosa.com
<i>RB</i> Raymond Beasley	Okaloosa County Airports	850-651-7160	rbeasley@myokaloosa.com
<i>OW</i> Oscar Williams	Okaloosa County Airports	850-651-7160	owilliams@myokaloosa.com
Terry Kerwell	Okaloosa County Airports	850-651-7160	tkerwell@myokaloosa.com
<i>JC</i> John Collins	AVCON INC.	850-678-0050	jcollins@avconinc.com
<i>Gary Bearden</i>	<i>Bearden Electric</i>	<i>850-863-2131</i>	<i>gary@beardenelectric.com</i>
<i>Bayn Powell</i>	<i>CW Roberts</i>	<i>850-835-3500</i>	<i>bapowell@cwrccontracting.com</i>

ATTACHMENT D

PRE-BID CONFERENCE SIGN-IN SHEET

February 5, 2020 at 2:30 p.m.

VPS Parking Lot B Expansion
Destin-Fort Walton Beach Airport

NAME	REPRESENTING	TELEPHONE	E-MAIL ADDRESS
Jeffrey A Hyde	Okaloosa Purchasing	850-689-5960	JHyde@myokaloosa.com
M Lutz	VPS	850-826-204	m.lutz@myokaloosa.com
Derek A. Inane	Bill Smith Electric	850-777-9476	derek@billsmithelectric.com
Stephen Saxon	Airports		SSaxon@myokaloosa.com
Jenica Dorn	Okaloosa Purchasing	850-689-5960	jdorn@myokaloosa.com
Bryan Buchanan	Anderson Columbia	850-209-5631	bryan.buchanan@andersoncolumbia.com

ATTACHMENT D

