SECURITY CHECKPOINT IMPROVEMENTS – PHASE II AT
DESTIN-FORT WALTON BEACH AIRPORT (VPS)
Okaloosa County, Florida

ADDENDUM 1
Issued 8/12/2019

I. Following the non-mandatory pre-bid meeting at the Destin—Fort Walton Beach Airport on July 31, 2019 the County received one question regarding the project during the period for questions, which ended August 9, 2019. The question is summarized in Item II below and a list of attachments to this addendum are provided in Item III.

II. Question: "We are to utilize the structural bracing as a conduit chase for our wiring. For location D power poles, I do not see an overhead structural member at these locations on the drawing and I know we cannot cut and patch the floor and vista floor track has been excluded by TSA as a trip hazard. What is the proposed route for electrical conduit for the devices / equipment housed in the location D power poles?"

Answer: TSA has not necessarily excluded the over floor wiremold if not exposed in a walking path and therefore not a trip hazard. See notes on sheet E-200 that provides clarifications and two options to bring power and communications infrastructure to Location D for Lanes 3 and 4.

III. *Attachments:*

1) Pre-bid Meeting Agenda
2) Pre-bid Meeting Minutes
3) Pre-bid Meeting Sign-in Sheet
4) Plans Clarifications

SECURITY CHECKPOINT IMPROVEMENTS – PHASE II AT DESTIN-FORT WALTON BEACH AIRPORT (VPS)
Okaloosa County, Florida

PRE-BID CONFERENCE
July 31, 2019 – 1:00 pm CDT

AGENDA

I. INTRODUCTION OF PARTICIPANTS

A. Owner - Okaloosa County
B. Engineer- AVCON, INC.
C. Funding Agency - Okaloosa County

II. PURPOSE

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

III. SCOPE OF WORK

A. Safety and Security
   a. Temporary walls and doors
   b. Construction area will be non-secure
   c. Must have two badged personnel onsite at all times
   d. Access to communications room (private screening room) at discretion of TSA
   e. Any work that could disrupt airport must occur at night

B. Structural Improvements
   a. Demo existing six-inch curb and existing steel structure
   b. Relocate existing storefront wall
   c. New steel beams overhead to run power/data
   d. New Cornell ESG5010 Rolling Grille
   e. New exit lane door

C. Electrical and Communications Improvements
   a. Relocate existing third-lane power and data
   b. Add fourth-lane power and data
   c. New lighting over exit-lane
   d. Wiremold Vista round architectural columns
   e. New lighting in checklane area and exit-lane

IV. ADMINISTRATION

A. Last day for questions — August 9 at 3:00 pm
B. Bid opening — August 21 at 3:00 pm

V. QUESTIONS AND ANSWERS

MEMORANDUM

Date: July 31st, 2019

To: File- 2019 VPS Checkpoint Phase II / Meetings

CC: Meeting attendees (noted on attached sheet)

From: Brent Miller, Destin-Fort Walton Beach Airport

RE: Minutes from Pre-Bid Conference on July 31st, 2019

VPS Security Checkpoint Improvements- Phase II/ Destin-Fort Walton Beach Airport

---

MINUTES

A Project Pre-Bid Conference was held on July 31st, 2019 from 1:00-2:00pm in Conference Room No. 1 at the Destin-Fort Walton Beach Airport with members from Okaloosa County Airports, Okaloosa County Purchasing, and interested contractor representatives.

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

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

- **Introduction**- Mr. Rogers welcomed attendees and thanked them for their interest in the project. He stated that the project generally consists of shifting the third check lane, adding a fourth check lane, concrete and steel demolition, new steel, electrical and communication and lighting improvements along with a new electric overhead rolling grille door.
- **Scope of Work**- This project consists of removal of an existing six-inch high concrete curb between checkpoint lanes 2 and 3, demolition of existing storefront and relocation of existing storefront wall, new steel beams and columns, electrical and communication improvements, and new lighting. A new electric overhead rolling door (Cornell Visionaire ESG 5010 Rolling Grille) is specified. The bid documents specify a Wiremold Vista around the architectural column to provide delivery of the power and communication infrastructure from the over-head steel beams to the equipment. Existing rectangular aluminum columns currently provide this function and will be considered an acceptable alternate to the Wiremold Vista columns. Four new architectural lights are specified above the exit-lane and power for these lights will be provided by an existing electrical panel in the adjacent restaurant.
- **Bid Schedule**- This project will be a lump sum contract for all work specified in the bid documents.

- **Temporary Construction**- A 10-ft tall plywood wall is required around the work area as shown on Sheet C-3 to separate the construction area from surrounding terminal operations. The wall must be constructed prior to any work commencing and will be considered a non-secure area of the airport note required to have SIDA badge displayed or under escort within the interior box of the construction wall. Note: Lockable door referenced on sheet C-3 will not be required but any work outside of the construction wall, i.e. electrical, communications room, or exit lane, will require contractor SIDA badged employees or contractor provided escort.
- **Work Schedule-** The period of performance for the project is 60 days to substantial completion with a 10-day punch list closeout period. Contractor may work days and/or nights unless any construction will cause operational impacts to the Airport including the TSA checkpoint, exit lane, wiring, or exit lane lighting. The contractor may be directed to evening/night work based on some construction impacts but may choose to work particular hours for ease of movement. A notice to proceed is expected to be issued on September 23, 2019.
- **TSA Equipment-** A separate contractor (Leidos) will be responsible for removing all TSA equipment prior to start of construction including tables, x-ray machines, metal detectors, swing gates, barriers, and any other equipment owned by TSA for checkpoint operations. Leidos will cut any previous bolts flush with the finished floor elevation and leave a 'blank' site for the construction contractor. Once infrastructure is in place prior to the substantial completion date Leidos will re-mobilize and be responsible for all equipment installation and certification of equipment.

VPS - Security Checkpoint Ph II
Non-Mandatory Pre-Bid Meeting

Time 1:00 PM 31-Jul-19

Sign-in Sheet

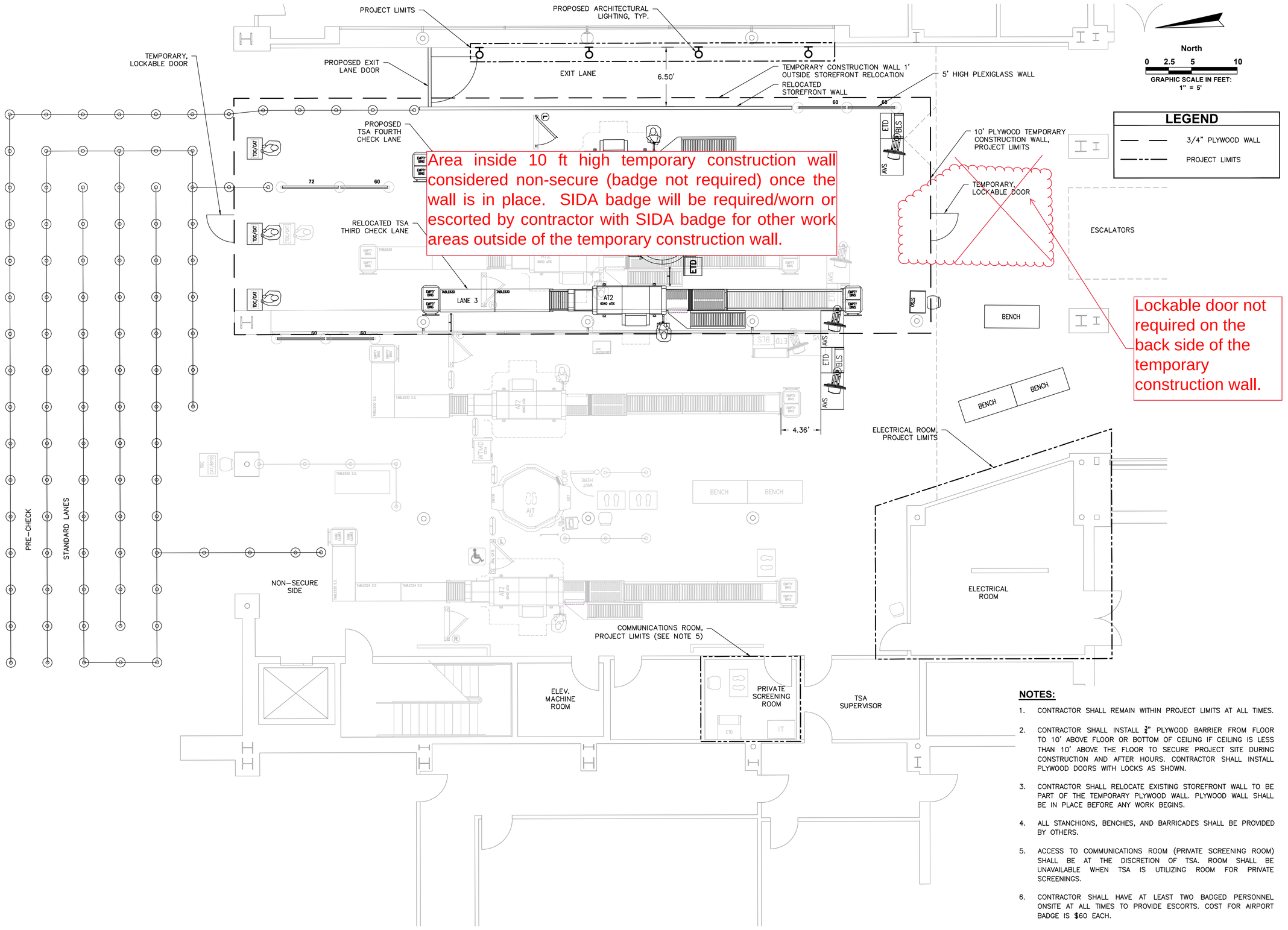
Initial	Name	Title	Company	Phone	email
	Tracy Stage	Airports Director	Okaloosa County Airports	(850) 651-7160	tstage@myokaloosa.com
	Mike Stenson	Deputy Director	Okaloosa County Airports	"	mstenson@myokaloosa.com
	Allyson Oury	Deputy Director of Finance	Okaloosa County Airports	"	aoury@myokaloosa.com
	Chad Rogers	Projects & GA Manager	Okaloosa County Airports	"	rrogers@myokaloosa.com
	Michael Kintop	Maintenance Supervisor	Okaloosa County Airports	"	mkintop@myokaloosa.com
	Tiffany Wills	Regulatory & Security Supervisor	Okaloosa County Airports	"	twills@myokaloosa.com
	Oscar Williams	Operations Coordinator	Okaloosa County Airports	"	owilliams@myokaloosa.com
	Terry Kerwell	Operations Coordinator	Okaloosa County Airports	"	tkerwell@myokaloosa.com
	Ray Beasley	Operations Coordinator	Okaloosa County Airports	"	rbeasley@myokaloosa.com
	Brent Miller	Projects Coordinator	Okaloosa County Airports	"	bmiller@myokaloosa.com
	Michael Howell	Captain, Airport Security Unit	Okaloosa County Sheriff	(850) 974-8159	mhowell@sheriff-okaloosa.org
	Chad Rewis	Lieutenant, Airport Security Unit	Okaloosa County Sheriff	(850)259-0032	crewis@sheriff-okaloosa.org
	DeRita Mason	Contracts	PURCH	689-5960	dmason@myokaloosa.com
	Jesica Darr	contracts	purch	589-5960	jdarr@myokaloosa.com
	Sirah Masters	Security	Airports	651-7164	Smasters@myokaloosa.com
	Jason Ford	Project Manager	Bearden Electric	863-2131	Jason@beardenelectric.com

VPS - Security Checkpoint Ph II
Design Kick-off Meeting

Time 1:00 PM 31-Jul-19

Sign-in sheet

Initial	Name	Title	Company	Phone	email
	Forrest Dalton	Project Management	Dalton Brothers LLC	850-226-8333	office manager@DaltonBrothersInc.com
	Tracy Stone				
	Jamie Milton	Max Foreman	Airporte		pmilton@myokaloosa.com



NOTES:

1. CONTRACTOR SHALL REMAIN WITHIN PROJECT LIMITS AT ALL TIMES.
2. CONTRACTOR SHALL INSTALL ¾" PLYWOOD BARRIER FROM FLOOR TO 10' ABOVE FLOOR OR BOTTOM OF CEILING IF CEILING IS LESS THAN 10' ABOVE THE FLOOR TO SECURE PROJECT SITE DURING CONSTRUCTION AND AFTER HOURS. CONTRACTOR SHALL INSTALL PLYWOOD DOORS WITH LOCKS AS SHOWN.
3. CONTRACTOR SHALL RELOCATE EXISTING STOREFRONT WALL TO BE PART OF THE TEMPORARY PLYWOOD WALL. PLYWOOD WALL SHALL BE IN PLACE BEFORE ANY WORK BEGINS.
4. ALL STANCHIONS, BENCHES, AND BARRICADES SHALL BE PROVIDED BY OTHERS.
5. ACCESS TO COMMUNICATIONS ROOM (PRIVATE SCREENING ROOM) SHALL BE AT THE DISCRETION OF TSA. ROOM SHALL BE UNAVAILABLE WHEN TSA IS UTILIZING ROOM FOR PRIVATE SCREENINGS.
6. CONTRACTOR SHALL HAVE AT LEAST TWO BADGED PERSONNEL ONSITE AT ALL TIMES TO PROVIDE ESCORTS. COST FOR AIRPORT BADGE IS $60 EACH.

DESTIN FORT WALTON BEACH
FLY VPS
AIRPORT
FlyVPS.com
A SERVICE OF OKALOOSA COUNTY

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

OKALOOSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

OVERALL EQUIPMENT LOCATION AND CONSTRUCTION PLAN

REVISIONS:

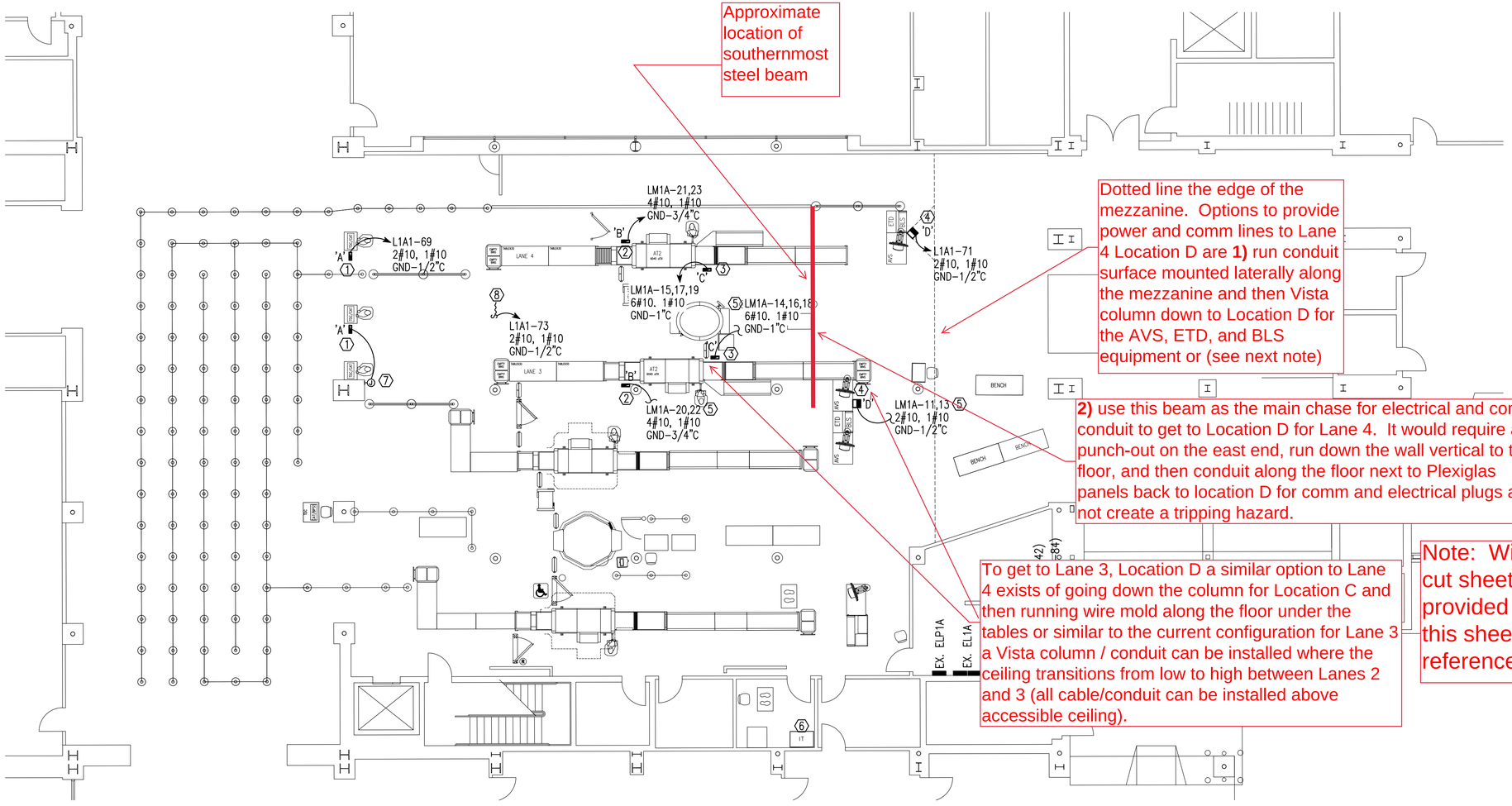
NO.	DATE	BY	DESCRIPTION

RELEASE FOR BID DRAWINGS

DESIGNED BY:	J.R.C.
DRAWN BY:	C.A.P.
CHECKED BY:	J.R.C.
APPROVED BY:	V.C.L.
DATE:	AUGUST 2019

AVCON PROJECT NO. 2018.050.04

SHEET NUMBER
C-3



NEW WORK ELECTRICAL POWER PLAN

SCALE: 1/8" = 1'-0"

KEYNOTES:

1. LOCATION 'A': WIREMOLD VISTA ROUND LARGE ARCHITECTURAL COLUMN. COLUMN SHALL INCLUDE TWO DUPLEX NEMA 5-20 RECEPTACLES AND FOUR (4) CAT-6 CONNECTIONS.
2. LOCATION 'B': WIREMOLD VISTA ROUND LARGE ARCHITECTURAL COLUMN. COLUMN SHALL INCLUDE ONE DEDICATED DUPLEX NEMA 5-20 RECEPTACLE, ONE DEDICATED SIMPLEX NEMA L5-15R RECEPTACLE, SIX (6) CAT-6 CONNECTIONS, AND A BLANK CUTOUT FOR FUTURE EXPANDABLE POWER OR TELECOMMUNICATIONS.
3. LOCATION 'C': WIREMOLD VISTA ROUND LARGE ARCHITECTURAL COLUMN.. COLUMN SHALL INCLUDE THREE DEDICATED SIMPLEX NEMA 5-20 RECEPTACLES, EIGHT (8) CAT-6 CONNECTIONS, AND A BLANK CUTOUT FOR FUTURE EXPANDABLE POWER OR TELECOMMUNICATIONS.
4. LOCATION 'D': INSTALL TWO DUPLEX NEMA 5-20 RECEPTACLES AND EIGHT (8) CAT-6 CONNECTIONS.
5. EXTEND/REWORK EXISTING ELECTRICAL CIRCUITS TO SERVE DEVICES IN NEW LOCATION. REFER TO DEMO WORK PLAN FOR ADDITIONAL INFORMATION.
6. NEW CATEGORY 6 CABLES SHALL BE ROUTED FROM THE EXISTING IT RACK LOCATION IN ROOM. CAT 6 CABLING SHALL BE INSTALLED IN SEPARATE RACEWAYS THAN ELECTRICAL WIRING. REFER TO THE COMMUNICATIONS PLAN FOR ADDITIONAL INFORMATION.
7. CONNECT NEW RECEPTACLES IN LOCATION 'A' TO EXISTING CIRCUIT LM1A-10. EXISTING RECEPTACLES (SERVED BY LM1A-10) AND ASSOCIATED HINGED ARM AT THIS LOCATION ARE TO REMAIN. INSTALL 2#10 AND 1#10 GROUND IN 1/2" CONDUIT TO NEW LOCATION 'A' RECEPTACLES.
8. CONNECT TO ROLLING GRILLE MOTOR. COORDINATE EXACT LOCATION WITH INSTALLER PRIOR TO ROUGH-IN.

TSA COMPLIANCE NOTE

ALL WORK SHALL COMPLY WITH TSA REQUIREMENTS. COORDINATE INSTALLATION WITH TSA REPRESENTATIVES PRIOR TO ROUGHING IN DEVICES.

CONDUIT INSTALLATION NOTE

CONDUIT SHALL BE INSTALLED CONCEALED ABOVE ACCESSIBLE CEILINGS. EXPOSED SURFACE CONDUITS SHALL BE INSTALLED PARALLEL AND PERPENDICULAR TO STRUCTURE. SUPPORT CONDUITS PER NEC REQUIREMENTS.

COLUMN INSTALLATION NOTE

COLUMN SYSTEM SHALL BE PROVIDED WITH ALL NECESSARY ACCESSORIES FOR A COMPLETE INSTALLATION. PIECES SHALL BE COMPATIBLE AND MADE FOR INTERCONNECTION. INSTALL PER MANUFACTURERS REQUIREMENTS. WIREMOLD UTILIZED AS A BASIS FOR DESIGN. OTHER MANUFACTURERS THAT HAVE EQUAL PRODUCT MAY BE UTILIZED IF APPROVED BY VPS.

CIRCUIT ROUTING NOTE

INSTALL NEW ELECTRICAL CONDUIT OVERHEAD FROM EXISTING PANEL LM1A TO NEW COLUMN DEVICES. TRANSITION FROM CONDUIT TO COLUMN AND EXTEND CIRCUITS AS SHOWN. REQUIRED CONDUIT SIZES ARE IDENTIFIED WITH CIRCUIT ID'S.

VISTA COLUMN INSTALLATION NOTE

COLUMN SHALL CONNECT TO STRUCTURAL BRACING. COORDINATE HEIGHT OF COLUMN WITH STRUCTURAL BRACING.

NOT FOR CONSTRUCTION

DESTIN FORT WALTON BEACH FLY VPS AIRPORT FlyVPS.com A SERVICE OF OKALOOSA COUNTY

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

BAGWELL ENGINEERING, INC
216 E. Government St. FL Authorization No. 30167
Pensacola, FL 32502 FL PE No. 59251
Phone: (850) 462-8040 Job Number: 18-023

OKALOOSA COUNTY, FL

VPS SECURITY CHECKPOINT IMPROVEMENTS - PHASE II

ELECTRICAL NEW WORK POWER PLAN

REVISIONS:

NO.	DATE	BY	DESCRIPTION

RELEASE FOR BID

DESIGNED BY:	D.C.C.
DRAWN BY:	D.C.C.
CHECKED BY:	D.M.B.
APPROVED BY:	D.M.B.
DATE:	NOVEMBER 2018

AVCON PROJECT NO. 2018.050.04

SHEET NUMBER

E-200

WIREMOLD®
OFR Series Overfloor Raceway

Multiple Services in a Low Profile Overfloor Raceway

OFR Series Overfloor Raceway System provides four-channels of capacity and access to a wide range of power, communications, and A/V connectivity options in the smallest, lowest, narrowest, ADA compliant profile available in overfloor raceway systems. This system installs over existing floor coverings and is both tamper-resistant and installer-friendly, making it an ideal solution for relocatable or permanent installations where access through floors and ceilings is not an option. There are also transition fittings to feed OFR Series Raceway from Wiremold wall-mounted raceway systems and Vista Architectural Columns. OFR Series Raceway accepts Wiremold Open System device plates that provide connectivity to a wide range of devices from leading communication and A/V providers.

OFR Series Raceway provides access to power, A/V, and communication services to open-space areas in an ADA compliant low profile design.

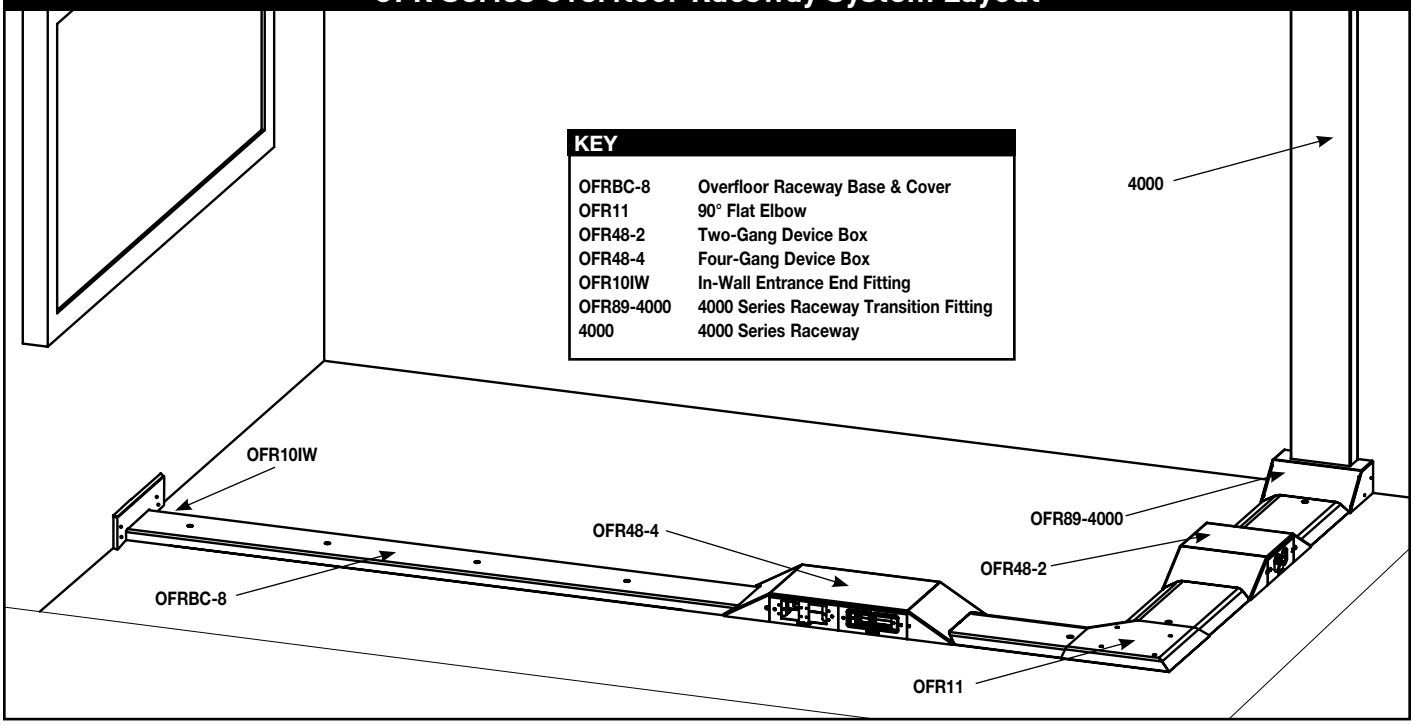
FEATURES & BENEFITS

- **Lowest profile overfloor raceway available.** Smaller, narrower, lower raceway profile reduces potential trip hazards while also being installer friendly to speed installations.
- **Installs in open space areas.** Provides power, communication, and A/V wiring to areas where in-floor or ceiling distribution are not accessible options.
- **Multiple channel base.** Four-channel raceway provides space for multiple combinations of power, communication and A/V to be provided through a single raceway installation.
- **Black powder coat finish.** Durable textured finish resists scuffing and scratches and blends with most decors.
- **Multiple options for communication and A/V connectivity.** OFR Series Raceway accepts Wiremold Open System device plates that provide connectivity to a wide range of devices from leading communication and A/V providers.
- **Re-energize abandoned poke-thru holes.** Brings a wide variety of services to the work surface by re-using existing openings from previous poke-thru installations.
- **Attaches directly to floor covering.** Works with carpet, tile, wood, etc. so there is no need to remove or alter existing floor coverings. Ideal for both temporary and permanent installations.
- **Multiple transition options.** Transition fittings are available to feed OFR Series Raceway from Wiremold DS4000™, 4000®, and 2400 Series™ wall-mounted raceway systems and also from Vista Architectural Columns.
- **Tamper-resistant system.** Raceway cover is difficult to remove without the proper tools, discouraging unwanted access to raceway-provided services.
- **Meets ADA Accessibility Guidelines.** Low profile, unobtrusive design meets the ADA Accessibility Guidelines that pertain to ADA Standard 4.5 which addresses changes in floor and ground surface levels.
- **cETLus Listed.**

OFR Series Raceway OFRPT3 Poke-Thru Transition Fitting.

OFR Series Overfloor Raceway transition fittings for 2400 Series Raceway and through a wall.

OFR Series Overfloor Raceway System Layout



OFR Series Overfloor Raceway Wire Fill Capacities for Power*

WIRE SIZE THHN/THWN	O.D. Inches	(mm)	WIRE CROSS-SECTIONAL AREA	# OF WIRES PER OUTER CHANNEL (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF WIRES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF WIRES PER INNER CHANNEL (40% FILL)
14 AWG	0.111	(2.8)	0.010	18	13	10	19
12 AWG	0.130	(3.3)	0.013	13	10	7	14
10 AWG	0.164	(4.2)	0.021	8	6	5	9
8 AWG	0.216	(5.5)	0.037	4	3	2	5

***For additional information refer to Technical Section of Wiremold Product Guide.**

OFR Series Overfloor Raceway Wire Fill Capacities for Communications

	CABLE/WIRE SIZE	O.D. (Approx Dia.) Inches	(mm)	WIRE CROSS-SECTIONAL AREA	# OF CABLES PER OUTER CHANNEL (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR1 (40% FILL)	# OF CABLES PER OUTER CHANNEL w/OFR9 (40% FILL)	# OF CABLES PER INNER CHANNEL (40% FILL)
UNSHIELDED TWISTED PAIR	4-Pair, 24 AWG, Cat 3	0.190	(4.8)	0.028	6	4	3	6
	4-Pair, 24 AWG, Cat 5e	0.210	(5.3)	0.035	5	3	2	5
	4-Pair, 24 AWG, Cat 6	0.250	(6.4)	0.049	3	2	2	3
	4-Pair, 24 AWG, Cat 6a	0.354	(9.0)	0.098	1	1	1	2
COAXIAL	RG6/U	0.270	(6.9)	0.057	3	2	1	3
FIBER	ZipCord	0.118 x 0.236	(3 x 6)	0.025	7	5	3	7
	Round 4-Strand Fiber	0.187	(4.7)	0.027	6	4	3	6
	Round 6-Strand Fiber	0.256	(6.5)	0.051	3	2	1	3

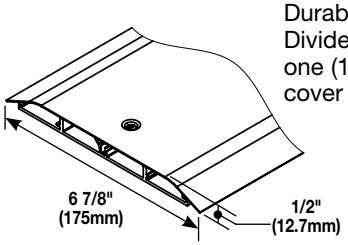
Four-channel base of OFR Series Overfloor Raceway provides channels for multiple combinations of services.

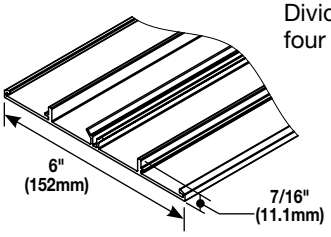
OFR Series Raceway features the lowest profile available in overfloor raceway systems.

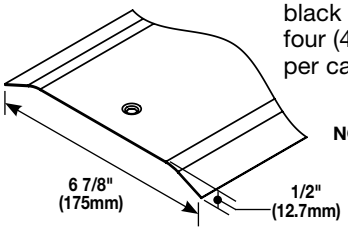
Tamper-resistant feature prevents unwanted access to raceway-provided services.

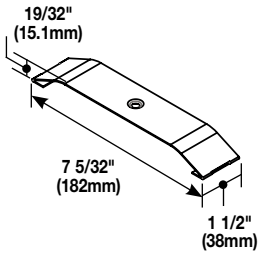
OFR Series Overfloor Raceway System Ordering Information

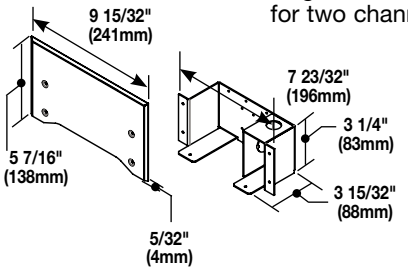
Catalog No./Item	Description/Specifications
OFRBC-8	**Overfloor Raceway Base & Cover** – Cover: 0.040" (1.0mm) steel. Base: 0.080" (2.0mm) aluminum. Durable black powder coat finish. Divided into four channels. Packed one (1) 8' (2.4m) length of base and cover per carton.
OFRB-8	**Overfloor Raceway Base** – Base: 0.080" (2.0mm) aluminum. Divided into four channels. Packed four (4) 8' (2.4m) lengths per carton. **NOTE: Not recommended for use in high traffic areas.**
OFRC-8	**Overfloor Raceway Cover** – Cover: 0.040" (1.0mm) steel. Durable black powder coat finish. Packed four (4) 8' (2.4m) lengths of cover per carton. **NOTE: Not recommended for use in high traffic areas.**
OFR6	**Overfloor Raceway Seam Clip** – Covers seam where two sections of OFR Series Overfloor Raceway cover come together.
OFR10IW	**Overfloor Raceway In-Wall Entrance End Fitting** – Feeds OFR Series Overfloor Raceway from behind wall. Configurable to provide one or two channels of power. Has 1/2" trade size KO for single channel and 3/4" trade KO for two channel.



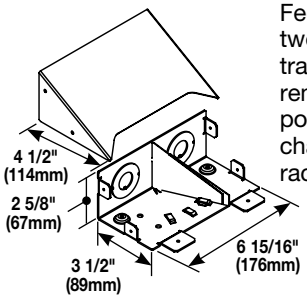


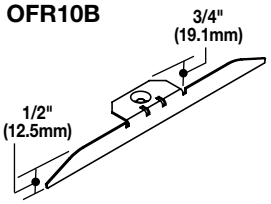


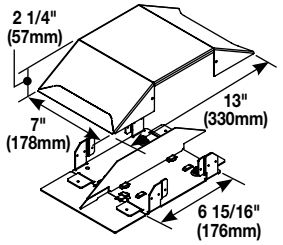


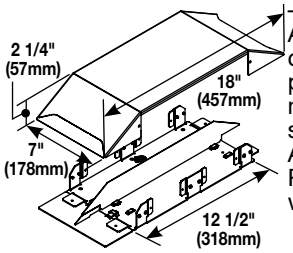


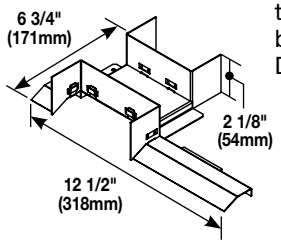
Catalog No./Item	Description/Specifications
OFR10A	**Overfloor Raceway Entrance End Fitting** – Feeds OFR Series Raceway. Has two (2) concentric 1/2" and 1 1/4" trade size KOs on end. Includes removable divider that can be positioned to feed any raceway channel. Can be used to feed raceway from wall or into furniture.
OFR10B	**Overfloor Raceway Blank End Fitting** – Blank end fitting for OFR Series Raceway.
OFR48-2	**Overfloor Raceway 2-Gang Box** – Divided two-gang device box. Allows multiple services (power, communication, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.
OFR48-4	**Overfloor Raceway 4-Gang Box** – Divided four-gang device box. Allows multiple services (power, communication, A/V) at a single point-of-use. Side facing device mounting provides low profile, with space for large cable bend radius. Accepts OFR Series device plates. Removable divider can be aligned with any of the raceway channels.
OFR48-4GX	**OFR Crossover Kit** – Allows access to power and communication on both sides of OFR48-4 4-Gang Device Box.
OFRWC	**Overfloor Raceway Wire Clips** – For holding conductors in place. Packed twelve (12) per pack.

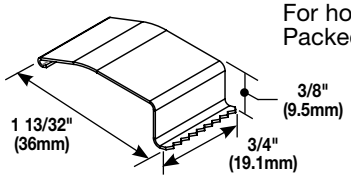




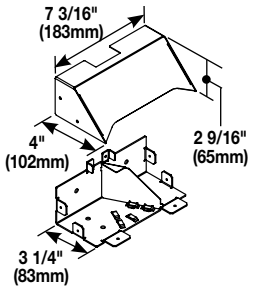
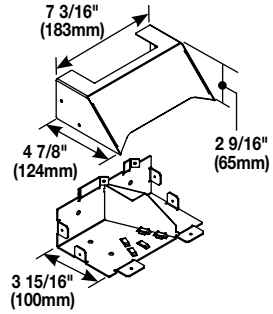
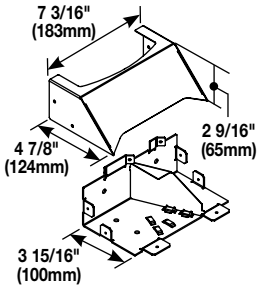
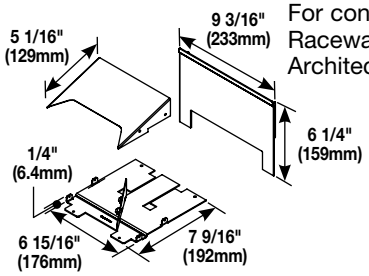
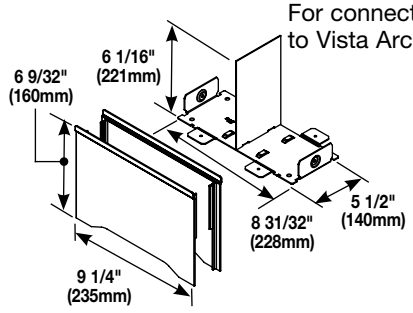


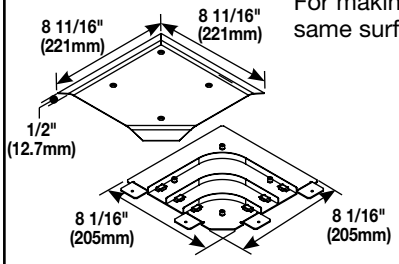
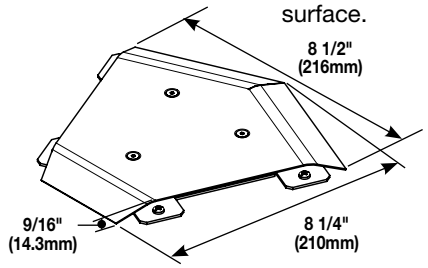
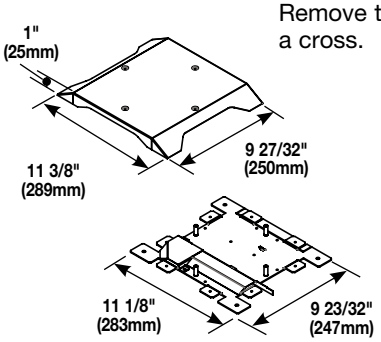
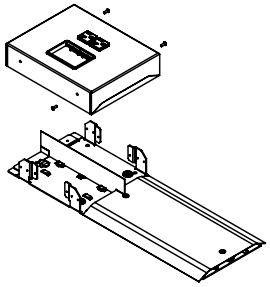




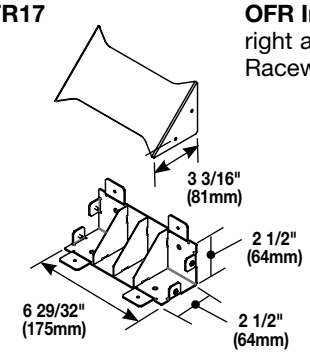
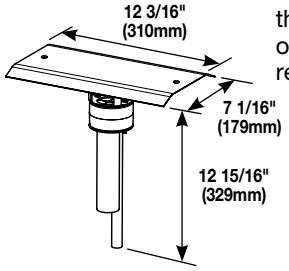
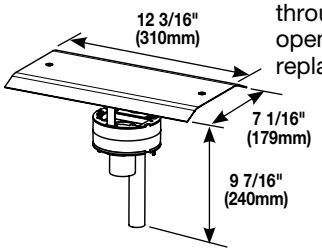
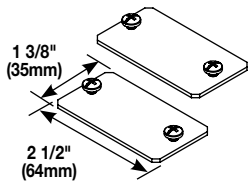
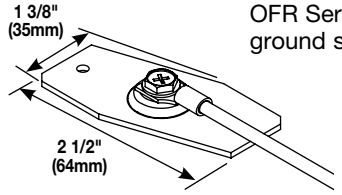


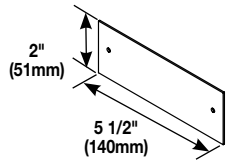
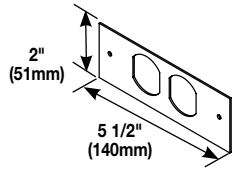
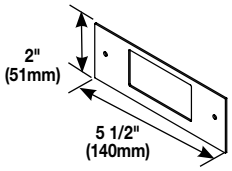
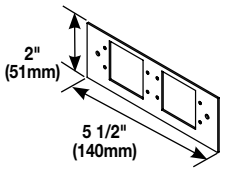
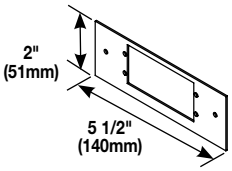
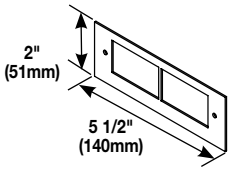
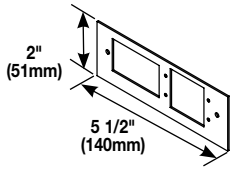
OFR Series Overfloor Raceway System Ordering Information

Catalog No./Item	Description/Specifications
OFR89-2400 	**OFR 2400 Raceway Transition** – For connecting vertical runs of 2400 & 2400D Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.
OFR89-4000 	**OFR 4000 Raceway Transition** – For connecting vertical runs of 4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.
OFR89-DS4000 	**OFR DS4000 Raceway Transition** – For connecting vertical runs of DS4000 Series Raceway with OFR Series Raceway. Includes removable divider than can be positioned to feed any raceway channel.
OFR89-VIS 	**OFR Vista Point5 Transition** – For connecting OFR Series Raceway to Vista Point5 Architectural Columns.
OFR89-VFL 	**OFR Large Vista Transition** – For connecting OFR Series Raceway to Vista Architectural Columns.

Catalog No./Item	Description/Specifications
OFR11 	**OFR Flat Elbow** – For making right angle turns on the same surface.
OFR12 	**OFR 45° Flat Elbow** – For making diagonal 45° turns on the same surface.
OFR15 	**OFR Tee/Cross** – For branching OFR Series Raceway at right angles. Remove twistout on cover to make a cross.
OFR48-2MRTC 	**OFR Transition Box** – Allows cords and cables to make a smooth concealed transition to the underside of the table when used with the InteGreat™ Transition Channel (MRTC).

OFR Series Overfloor Raceway System Ordering Information (continued)

Catalog No./Item	Description/Specifications
OFR17 	**OFR Inside Elbow** – For internal right angle turns of OFR Series Raceway.
OFRPT3 	**OFR 3 Inch Poke-Thru Transition** – For bringing power, A/V, and data through abandoned Poke-Thru openings to open spaces. Will replace any 3" poke-thru.
OFRPT4 	**OFR 4 Inch Poke-Thru Transition** – For bringing power, A/V, and data through abandoned Poke-Thru openings to open spaces. Will replace any 4" poke-thru.
OFR1 	**OFR Coupling** – Joins lengths of OFRB-8 OFR Series Raceway Base together. Sold in pairs.
OFR9 	**OFR Grounding Clip** – Connects equipment grounding conductor to provide ground to OFR Series Raceway. No. 10 ground screw provided.

Catalog No./Item	Description/Specifications
OFR47-B 	**OFR Blank Device Plate** – For covering unused compartments in OFR48-2 and OFR48-4 Device Boxes.
OFR47-D 	**OFR Duplex Device Plate** – For covering duplex style devices in OFR48-2 and OFR48-4 Device Boxes. Accepts 106 Frame.
OFR47-R 	**OFR Decorator Device Plate** – For covering rectangular decorator style devices in OFR48-2 and OFR48-4 Device Boxes.
OFR47-U 	**OFR Extron® MAAP Device Plate** – Device plate that will accept up to four (4) Extron® Electronics MAAP style plates in OFR48-2 and OFR48-4 Device Boxes.
OFR47-V 	**OFR Extron® AAP Device Plate** – Device plate that will accept two (2) Extron® Electronics AAP single space modules.
OFR47-2A 	**OFR Communications Device Plate** – Device plate that will accept up to four (4) ports of communications devices. Includes adapters for Ortronics® TracJack, Series II, Pass & Seymour® Activate inserts and Wiremold Open System communication modules.
OFR47-U2A 	**OFR Extron® MAAP-2A Combo Device Plate** – Combination device plate that will accept up to two (2) Extron® Electronics MAAP style plates and up to two (2) ports of communications devices. Includes adapters for Ortronics® TracJack, Series II, Pass & Seymour® Activate inserts and Wiremold Open System communication modules.

NOTES

NOTES

NOTES

NOTE: All brand and product names referenced in this document are registered trademarks or trademarks of their respective holders.

NOTE: The paper used to print this document is an environmentally responsible paper with 10% post consumer waste, with FSC and SFI Chain of Custody certifications, Lacey Act complaint. 100% of the electricity used to manufacture Flo sheets is generated with Green-e certified renewable energy.

Electrical Wiring Systems
60 Woodlawn Street
West Hartford, CT 06110
Phone: 1.877.BY.LEGRAND (295-3472)
www.legrand.us

Canada
Phone:905.738.9195
www.legrand.ca

ED1647R8 – Updated January 2018 – For latest specs visit www.legrand.us/wiremold