

CHANGE ORDER NO. 16

PROJECT: <u><i>Horizon City Municipal Facilities Phase I</i></u> OWNER: TOWN OF HORIZON CITY 14999 Darrington Rd. Horizon City, Texas 79928 CONTRACTOR: <u><i>Dantex General Contractors</i></u> <u><i>4727 Osborne</i></u> El Paso, TX 79922 CONTRACT FOR: <i>New Municipal Facilities for the City of Horizon</i>	DATE OF ISSUANCE: February 4, 2026 EFFECTIVE DATE: February 4, 2026 OWNER'S BID NO. CSP 23-038 Project No. 2.513D ARCHITECT: Eugenio Mesta, AIA Exigo Architects 211 N. Florence Ste. A El Paso, Tx 79912 ARCHITECT'S PROJECT NO: 20201600
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YOU ARE DIRECTED TO MAKE THE FOLLOWING CHANGE TO THE CONTRACT DOCUMENTS:

Item No. 1: *Additional Power and PDU for Emergency Services* - (\$ 34,106.94; 25 days impact to contract time)

PURPOSE OF CHANGE ORDER:

Item No. 1. The Contractor has proposed additional cost associated with the installation of additional power outlets and data outlets as well as the addition of APC Rack PDU 9000 for Emergency Services as per ASI #09 and as requested by the Town of Horizon at the new IT Room. The proposal includes all materials, labor and equipment. See attached.

CHANGE ORDER NO. <u>16</u>	
PROJECT: <i>Horizon City Municipal Facilities Phase I</i>	
CHANGE IN CONTRACT PRICE: ORIGINAL PRICE: \$ 9,070,442.00	CHANGE IN CONTRACT TIME ORIGINAL CONTRACT TIME MILESTONES: CONTRACT TIME: <i>Substantial Completion: 455 Days Due Date: November 9, 2025</i> <i>Final Completion: 485 Days Due Date: December 9, 2025</i>
CONTRACT PRICE PRIOR TO THIS CHANGE ORDER \$ 9,293,499.04	CONTRACT TIME PRIOR TO THIS CHANGE ORDER MILESTONES: CONTRACT TIME: <i>Substantial Completion: 520 Days Due Date: January 13, 2026</i> <i>Final Completion: 550 Days Due Date: February 12, 2026</i>
NET INCREASE/DECREASE OF THIS CHANGE ORDER \$ 34,106.94	NET INCREASE/DECREASE OF THIS CHANGE ORDER MILESTONES: CONTRACT TIME: <i>Substantial Completion: 25 Days</i> <i>Final Completion: 25 Days</i>
CONTRACT PRICE WITH ALL APPROVED CHANGE ORDERS \$ 9,327,605.98	CONTRACT TIME WITH ALL APPROVED CHANGE ORDERS MILESTONES: CONTRACT TIME: <i>Substantial Completion: 545 Days Due Date: February 7, 2026</i> <i>Final Completion: 575 Days Due Date: March 9, 2026</i>

This amount indicated above shall be considered full and equitable adjustment for any claims, past and future, for the work described and shall include all costs, direct and indirect, including extended overhead.

ACCEPTED:

By Hector Olave
Contractor: Dantex General Contractors

Date 2/04/2026

RECOMMENDED:

By Jesus Ortega Jesus Ortega
Exigo: Jesus Ortega PM

Date Feb. 05, 2026

REVIEWED:

By _____
Eduardo Garcia,– Interim Director of Planning

Date _____

APPROVED:

By _____
Andres Renteria, Mayor

Date _____

ARCHITECT'S COST SUMMARY AND CLASSIFICATION OF SOURCE OF CHANGE

Design Architect : Eugenio Mesta, AIA, Exigo Architects
 Change Order #: 16
 Project: Horizon City Municipal Facilities – Phase I
 Contractor: Dantex General Contractors
 Owner Bid No.: CSP 23-038 Project No. 22.513D
 Total Impact to Cost: \$ 34,106.94
 Total Impact to Time: 25 Days
 Date: 2/4/2026

Item No. 1	Additional Power and PDU 9000
<i>Classification</i>	New power and data outlets and new APC Rack PDU 9000 for 911 Emergency Services
<i>Requested by</i>	Town of Horizon, I.T. Department, Police Department 911 Department – Elva Ramos – Omar Saucedo
<i>Purpose</i>	The Additional Power will provide redundant power to the network equipment and PDU 9000 for network equipment connection
<i>Impact to Cost</i>	\$ 34,106.94
<i>Impact to Time</i>	25 Days
<i>Justification</i>	See Change Order Narrative for Item No. 1
<i>Cost Summary</i>	New Additional Power and Data Outlets and APC Rack PDU 9000
<i>ASI</i>	ASI 009 New Power Request for the I.T. 911 Emergency Services
<i>Communication</i>	See Attached Emails for Request and Date of Request

Item No. 2	
<i>Classification</i>	
<i>Impact to Cost</i>	
<i>Impact to Time</i>	
<i>Justification</i>	
<i>Cost Summary</i>	

Item No. 3	
<i>Classification</i>	
<i>Impact to Cost</i>	
<i>Impact to Time</i>	
<i>Justification</i>	
<i>Cost Summary</i>	

Item No. 4	
<i>Classification</i>	
<i>Impact to Cost</i>	
<i>Impact to Time</i>	
<i>Justification</i>	
<i>Cost Summary</i>	

Item No. 5	
<i>Classification</i>	
<i>Impact to Cost</i>	
<i>Impact to Time</i>	
<i>Justification</i>	
<i>Cost Summary</i>	

Item No. 6	
<i>Classification</i>	
<i>Impact to Cost</i>	
<i>Impact to Time</i>	
<i>Justification</i>	
<i>Cost Summary</i>	

Item	Description	Unit Measure	Unit Cost	Quantity	Material	Labor	Net Amount
001	Additional power outlets and data	lot	1		\$ -	\$ -	\$13,033.74
002	Additional APC Rack PDU 9000 200/208V, 30A	1	\$ 16,184.92		\$ -	\$ -	\$16,184.92
					subtotal		\$29,218.66
004	General Liability	LS	0.28%	1			\$81.81
005	Builders Risk	LS	0.45%	1			\$131.48
006	P & P Bond	LS	1.00%	1			\$292.19
					Subtotal		\$505.48
					Description	Percent	Amount
					Overhead & Profit	15%	\$4,382.80
					Sales Tax	N/A	
					Total Cost		\$34,106.94

						Project
						Horizon City Municipi...
Item	Description	Qty	Rate	Amount	MARKUP	Total
	ASI 09 New Power & Data request					
Electrical`	RECEPTACLE 30A, 2P, 3W, NEMAL6-30R w/cover	4	47.00	188.00		188.00
Electrical`	APC Rack PDU 9000 Switched, Zero-U, 30A, 200/208V	4	4,046.23	16,184.92		16,184.92
Electrical`	4square Box	4	6.00	24.00		24.00
Electrical`	30A, 1P C.B.	4	87.00	348.00		348.00
Electrical`	3/4" emt conduit w/term	225	2.00	450.00		450.00
Electrical`	#10 wire	675	0.90	607.50		607.50
Electrical`	Journeyman Electrician	100	45.00	4,500.00	20.00%	5,400.00
Electrical`	Helper Labor	100	28.00	2,800.00	20.00%	3,360.00
Electrical`	OH & Profit @ 10%	1	2,656.24	2,656.24		2,656.24
				Total		\$29,218.66

CHANGE ORDER REQUEST
DRAFT NO. 20

Phone: (915) 584-9300
Fax: (915) 833-0253

PROJECT: Horizon Municipal Facilities Phase 1, PO #008625 **DX JOB:** 1322
TO: EXIGO
 211 N. Florance, Suite 204
 El Paso, Texas 79901
 Phone: (915) 533-0323

Provide additional power and PDU 9000 as per request in ASI #09 and email dated 1/22/2026

Item	Description	Unit Measure	Unit Cost	Quantity	Material	Labor	Net Amount
001	Additional power outlets and data	lot	1		\$ -	\$ -	\$13,033.74
002	Additional APC Rack PDU 9000 200/208V, 30A	1	\$ 16,184.92		\$ -	\$ -	\$16,184.92
					subtotal		\$29,218.66
004	General Liability	LS	0.28%	1			\$81.81
005	Builders Risk	LS	0.45%	1			\$131.48
006	P & P Bond	LS	1.00%	1			\$292.19
					Subtotal		\$505.48

Description	Percent	Amount
Overhead & Profit	15%	\$4,382.80
Sales Tax	N/A	
	Total	
	Cost	\$34,106.94

By: _____

Date: _____

Millennium Contracting Services, Inc.

Estimate

3669 Mark Jason Drive
El Paso TX 79938

Date	Estimate #
1/22/2026	2026-14

Name / Address
DantexConstruction Company 4727 Osborne EL Paso, Texas 79922 e6

Project
Horizon City Munici...

Item	Description	Qty	Rate	Amount	MARKUP	Total
	ASI 09 New Power & Data request					
Electrical`	RECEPTACLE 30A, 2P, 3W, NEMAL6-30R w/cover	4	47.00	188.00		188.00
Electrical`	APC Rack PDU 9000 Switched, Zero-U, 30A, 200/208V	4	4,046.23	16,184.92		16,184.92
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Electrical`	Helper Labor	100	28.00	2,800.00	20.00%	3,360.00
Electrical`	OH & Profit @ 10%	1	2,656.24	2,656.24		2,656.24
				Total		
				\$29,218.66		

ARCHITECTURAL SUPPLEMENTAL INFORMATION

ASI 009

To: DANTEX Construction
From: Jesus Ortega, EXIGO Architects
Project: HCMF
Date: 1 /15 /2025
Re: **ASI 009 – New Power request for IT Rm**

The following are supplemental instructions to the Contract Documents. Prior to proceeding with the work, please indicate your acceptance that work will be performed without change to the Contract Sum and/or Contract Tim.

Architectural Supplemental Information:

The Town of Horizon is requesting additional power for the IT room.

List of Drawings / Changes.

1. Electrical.

- a) ASI 007 – E3.0R3 – Delta#5: Power Plan “A”_
- b) ASI 007 – E6.1R2 – Delta#5: Panel Schedules

Yours Truly,



Jesus Ortega

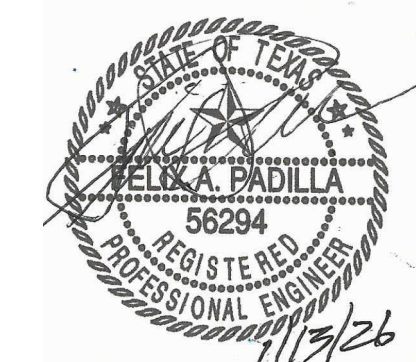
architecture . interiors
planning . project management

211 N. Florence Suite 204
El Paso, Texas 79901
www.exigoarch.com
phone 915.533.0323
fax 915.533.0332

HORIZON CITY
MUNICIPAL FACILITIES
PHASE 1 ISSUED FOR
PERMIT AND BIDDING

Project Number

Consultants:



12/03/2020

Drawing Date: 12/03/2020
Drawn: E.H.
Checked: F.P./F.O.
Scale: AS SHOWN

Revisions:

No.	Description	Date
1	REVISION 1	04/23/21
4	ASI #007	11/12/25
5	ASI #009	1/14/26

DRAWING COORDINATION

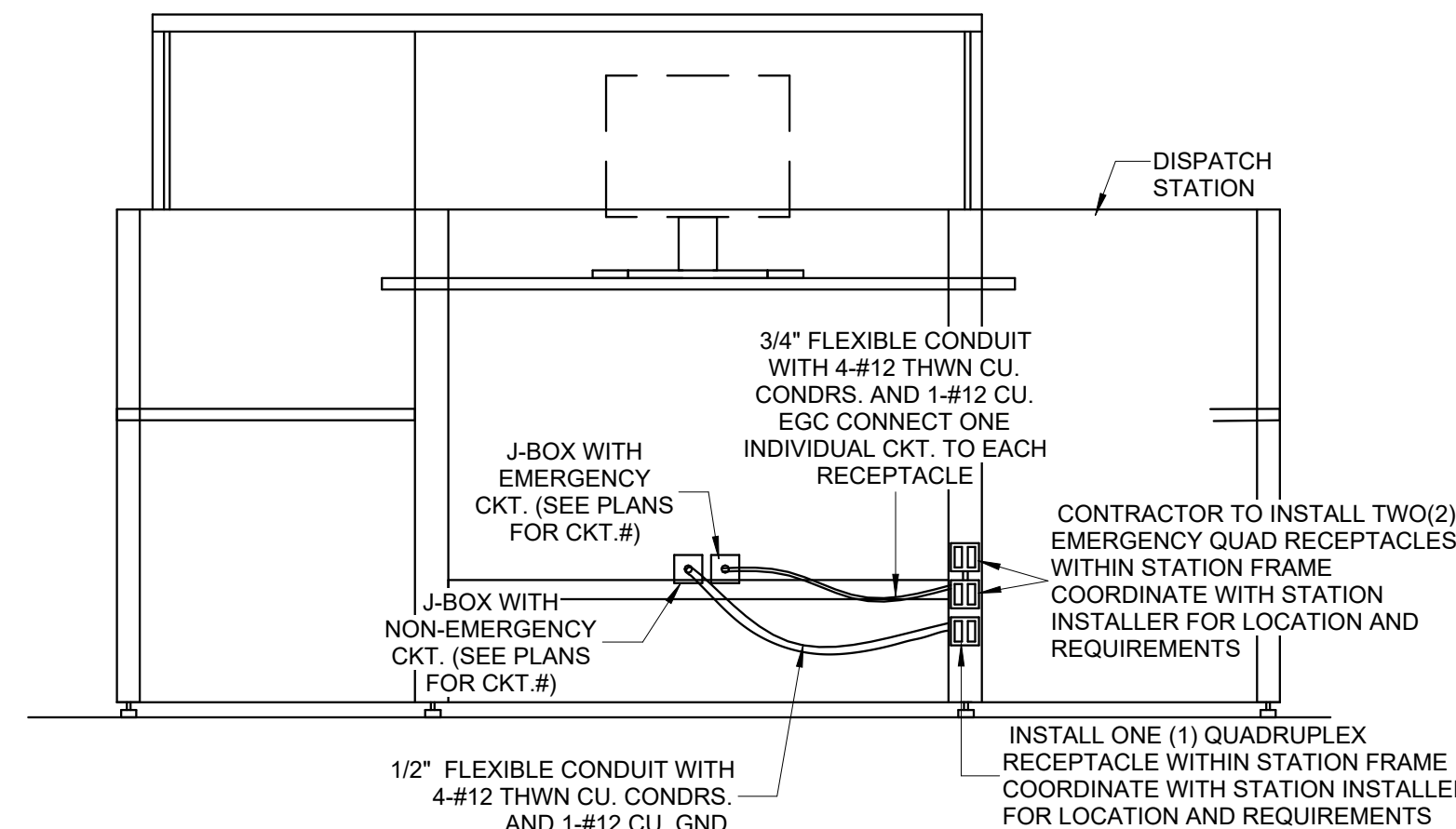
ARCHITECTURAL, CIVIL, MECHANICAL,
STRUCTURAL, ELECTRICAL, AND
LANDSCAPING DRAWINGS ARE
INTERRELATED. GENERAL CONTRACTOR
AND ALL SUBCONTRACTORS SHALL REVIEW
AND COORDINATE THE ENTIRE SET OF
DRAWINGS AND PROJECT MANUAL.

POWER PLAN 'A'

E3.0R3

POWER PLAN A KEYED NOTES

- PROVIDE AND INSTALL J-BOX WITH CIRCUIT AS SHOWN AT 44" A.F.F. FOR POWER TO FIRE ALARM CONTROL PANEL.
- PROPOSED LOCATION OF NEW EMERGENCY GENERATOR REMOTE ANNUNCIATOR. PROVIDE AND INSTALL 1" CONDUIT WITH CONTROL WIRING TO EMERGENCY GENERATOR. COORDINATE WITH GENERATOR MANUFACTURER FOR EXACT WIRING SIZE AND INTERCONNECTION REQUIREMENTS.
- PROVIDE AND INSTALL A FLOORBOX WITH (2) DUPLEX RECEPTACLES AND SEPARATE SIDE FOR COMMUNICATIONS FSR MODEL FL-400-B5Q-C OR EQUAL. FLOOR BOX TO BE FLUSHED TO FINISH FLOOR. COORDINATE WITH ARCHITECT/OWNER FOR EXACT LOCATION BEFORE ROUGH-IN.
- CONTRACTOR TO MAKE CONNECTIONS TO FUME HOOD, LIGHTS, SWITCH, AND OUTLETS. COORDINATE WITH FUME HOOD MANUFACTURER FOR EXACT REQUIREMENTS.
- PROVIDE RECEPTACLE WITH CIRCUIT AS SHOWN FOR POWER TO EVIDENCE DRYING CABINET. COORDINATE EXACT LOCATION AND HEIGHT WITH OWNER.
- PROVIDE AND INSTALL A 4" SQ. DEEP J-BOX BEHIND DISPATCH STATION ACCESS PANEL TO PROVIDE POWER TO THE TWO (2) EMERGENCY QUAD OUTLETS INSTALLED WITHIN STATION FURNITURE. SEE DETAIL 1/E3.0 ON THIS SHEET.
- PROVIDE AND INSTALL A 4" SQ DEEP J-BOX BEHIND DISPATCH STATION ACCESS PANEL TO PROVIDE POWER TO THE NON EMERGENCY QUAD RECEPTACLE. SEE DETAIL 1/E3.0 ON THIS SHEET.
- PROVIDE AND INSTALL A 30KVA, 120/208V, 3PH, UPS SCHNEIDER ELECTRIC GALAXY GVSUPS30K05FS OR EQUAL UPS SYSTEM TO BE PROVIDED WITH AN INTEGRAL 80A, CIRCUIT BREAKER FOR POWER TO THE EMERGENCY PANELBOARD 'EM'. UPS MUST HAVE A MIN. OF 1HR OF BATTERY BACKUP.
- PROVIDE AND INSTALL RECEPTACLE AT 72" A.F.F. FOR TV MONITOR. COORDINATE EXACT LOCATION AND HEIGHT WITH ARCHITECTURAL PLANS BEFORE INSTALLATION.
- PROVIDE AND INSTALL A GFI RECEPTACLE IN AN ACCESSIBLE LOCATION TO PROTECT REFRIGERATOR RECEPTACLE.
- PROVIDE AND INSTALL J-BOX WITH CIRCUIT AS SHOWN FOR POWER TO WATER HEATER RECIRCULATING PUMP. INSTALL J-BOX ADJACENT TO PUMP AND MAKE CONNECTIONS WITH FLEXIBLE WATER TIGHT CONDUIT. RECIRCULATING PUMP TO BE CONTROLLED BY A SWITCH INSTALLED ON WALL AT 44" A.F.F. AS SHOWN. PROVIDE A PERMANENT LABEL ON SWITCH INDICATING 'RECIRCULATING PUMP'.
- PROVIDE AND INSTALL A J-BOX WITH A 15A, 120V, CIRCUIT FOR EMERGENCY PUSH-BUTTON. EMERGENCY PUSH BUTTON TO SHUT-OFF ALL ELECTRICAL POWER IN THIS ROOM. SEE DETAIL 2/E3.0 ON THIS SHEET. EM PUSH BUTTON TO BE 15 AMP, 120V, MUSHROOM TYPE RED COLOR MOUNTED AT 48" A.F.F. ENGRAVE BUTTON INDICATING 'EMERGENCY POWER SHUT-OFF'.
- THIS CIRCUIT TO BE WIRED THRU CONTACTOR C1 FOR EMERGENCY SHUT-OFF. SEE DETAIL 2/E3.0 ON THIS SHEET.
- PROVIDE AND INSTALL J-BOX WITH CIRCUIT AS SHOWN FOR POWER TO HOT WATER, COLD WATER, AND GAS LINE 120V ELECTRIC VALVES. MAKE CONNECTIONS TO VALVES AS REQUIRED. COORDINATE WITH PLUMBING PLANS FOR EXACT LOCATION AND REQUIREMENTS.
- PROVIDE AND INSTALL QUADRUPLUX RECEPTACLES FLUSH TO CEILING FOR POWER TO DATA RACK EQUIPMENT. COORDINATE WITH DATA RACK INSTALLER FOR EXACT LOCATION BEFORE DOING ANY WORK. SEE CEILING MOUNTED QUADRUPLUX RECEPTACLE MOUNTING DETAIL 3/E4.0 ON SHEET E4.0 FOR REQUIREMENTS.
- PROVIDE AND INSTALL J-BOX WITH (2) 120V CIRCUITS FOR POWER TO PDU EQUIPMENT RACK #2. MAKE HARD WIRE CONNECTIONS TO PDU WITH FLEXIBLE CONDUIT PROPERLY RAN AND SUPPORTED THROUGH EQUIPMENT RACK WITH 1" CONDUIT WITH 4-#6 THWN, CU. CONDRS. AND 1-#10 CU. GND. COORDINATE WITH EQUIPMENT INSTALLER FOR EXACT LOCATION BEFORE DOING ANY WORK. SEE CEILING MOUNTED BOX DETAIL 4/E4.0 ON SHEET E4.0 FOR REQUIREMENTS.
- PROVIDE AND INSTALL (4) 30 AMP, 240V, TWIST-LOCK RECEPTACLE NEMA L6-30 WITH CIRCUITS, AS SHOWN FOR DATA RACKS. INSTALL (2) RECEPTACLES IN CEILING ABOVE EACH DATA RACK. COORDINATE WITH OWNER FOR EXACT LOCATION.



DISPATCH STATION POWER CONNECTIONS DETAIL

NOTE: CONTRACTOR MUST COORDINATE WITH DISPATCH STATION INSTALLER FOR EXACT LOCATION OF BOXES AND RECEPTACLES. BOXES INSTALLED IN WALLS MUST BE INSTALLED BEHIND DISPATCH STATION ACCESS PANEL.



C:\2020-DWG\2034_Horizon City Facilities\ELECT\2025.1.14 ad #008 RVT 24\11.12.25 ASI #009 RVT 24.cvt
SHEET: 24'x36" 1/15/2026 8:39:43 AM

Branch Panel: LB

Location: ELEC. 9
Supply From: Transforme'TLB'
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10 KAIC
Mains Type: MCB
Mains Rating: 125 A
MCB Rating: 125 A MCB

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	LOBBY 15 EWC	20 A	1	180 VA	1260 VA			1	20 A JURY RM 3 OUTLETS	2
3	CLERKS 18 OUTLETS	20 A	1		360 VA	720 VA		1	20 A BACK FLOW PREVENTOR	4
5	METAL DECTOR CONNECTIONS	20 A	1			500 VA	7200 VA	1	20 A COURTROOM FLOORBOXES	6
7	RECEPTION 12 OUTLETS	20 A	1	1260 VA	2400 VA			1	20 A CONFERENCE 8 FLOORBOX	8
9	COURTROOM FLOORBOXES	20 A	1		7200 VA	1778 VA		2	25 A CU-1 DISCONNECT	10
11	R.R. 5 & 6 OUTLETS	20 A	1			360 VA	1778 VA			12
13	JURY RM 3 FLOORBOXES	20 A	1	4800 VA	360 VA			1	20 A CORRIDOR 91 OUTLETS	14
15	IDF 136 OUTLETS	20 A	1		360 VA	500 VA		1	20 A POWER TO GATE OPERATOR	16
17	POWER TO GATE OPERATOR	20 A	1			500 VA	720 VA	1	20 A POWER TO GATE OPERATOR	18
19	POWER TO GATE OPERATOR	20 A	1	500 VA	540 VA			1	20 A LOBBY 15 OUTLETS	20
21	R.R. 13 & 14 OUTLETS	20 A	1		540 VA	720 VA		1	20 A RECEPTION 12 OUTLETS	22
23	RECEPTION 12 OUTLETS	20 A	1			720 VA	720 VA	1	20 A LOBBY 15 OUTLETS	24
25	ROOF OUTLETS	20 A	1	540 VA	720 VA			1	20 A CLERKS 18 OUTLETS	26
27	IDF 136 OUTLETS	20 A	1		720 VA	720 VA		1	20 A CASHIERS 17 OUTLETS	28
29	CLERKS 17 OUTLETS	20 A	1			720 VA	900 VA	1	20 A MEDIA RM 22 OUTLETS	30
31	CASHIERS 18 OUTLETS	20 A	1	720 VA	900 VA			1	20 A COURTROOM OUTLETS	32
33	FILE RM 19 OUTLETS	20 A	1		900 VA	1080 VA		1	20 A OFFICE 10 OUTLETS	34
35	OFFICE 11 OUTLETS	20 A	1			1080 VA	1080 VA	1	20 A COURTROOM OUTLETS	36
37	JUDGES CHAMBER 2 OUTLETS	20 A	1	1080 VA	1080 VA			1	20 A COURTROOM OUTLETS	38
39	COURTROOM OUTLETS	20 A	1		1080 VA	1080 VA		1	20 A CONFERENCE 8 OUTLETS	40
41	COURT CLERK 21 OUTLETS	20 A	1			1080 VA	--	1	-- Space	42
43	ATTORNEY SUITE 7 OUTLETS	20 A	1	108...	--			1	-- Space	44
45	Space	--	1	--	--	--	--	1	-- Space	46
47	Space	--	1	--	--	--	--	1	-- Space	48
49	Space	--	1	--	--	--	--	1	-- Space	50
51	Space	--	1	--	--	--	--	1	-- Space	52
53	Space	--	1	--	--	--	--	1	-- Space	54

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	3556 VA	100.00%	3556 VA	
Receptacle	45540 VA	45.37%	20662 VA	Total Conn. Load: 52536 VA
Power	3440 VA	30.00%	1032 VA	Total Est. Demand: 25250 VA
				Total Conn.: 146 A
				Total Est. Demand: 70 A

Notes:

Branch Panel: EM

Location: ELEC. 87
Supply From: UPS
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10 KAIC
Mains Type: MLO
Mains Rating: 125 A
MCB Rating: MLO

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	IT SERVER 127 OUTLET	20 A	1	360 VA	500 VA			1	20 A 110V ANTENNA RECEPTACLE	2
3	WATER HEATER POWER	20 A	1		750 VA	250 VA		2	30 A RADIO COMM 54 2 POLE OUTLET	4
5	DISPATCH FLOORBOX	20 A	1			2400 VA	250 VA			6
7	IT SERVER 127 OUTLET	20 A	2	250 VA	1650 VA			2	40 A 220V ANTENNA RECEPTACLE	8
9					250 VA	1650 VA				10
11	RADIO COMM 54 OUTLET	20 A	1			360 VA	360 VA	1	20 A RADIO COMM 54 OUTLET	12
13	RADIO COMM 54 OUTLET	20 A	1	360 VA	360 VA			1	20 A IT SERVER 127 OUTLET	14
15	RADIO COMM 54 OUTLET	20 A	1		720 VA	720 VA		1	20 A RADIO COMM 54 OUTLET	16
17	IT SERVER 127 OUTLET	20 A	1			360 VA	800 VA			18
19	IT SERVER 127 OUTLET	20 A	1	360 VA	800 VA					20
21	IT SERVER 127 OUTLET	20 A	1		360 VA	800 VA		2	20 A DISPATCH CONNECTIONS	22
23	DISPATCH CONNECTIONS	20 A	2			800 VA	800 VA			24
25				800 VA	800 VA			2	20 A DISPATCH CONNECTIONS	26
27	DISPATCH CONNECTIONS	20 A	2		800 VA	800 VA				28
29						800 VA	4800 VA	1	60 A RADIO RM CKT 1	30
31										32
33	DISPATCH CONNECTIONS	20 A	2	800 VA	4800 VA			2	30 A I.T. SERVER RM 127 DATA RACK PLUG	34
35	I.T. SERVER RM 127 DATA RACK PLUG	30 A	2		800 VA	1877 VA				36
37				1877 VA	1877 VA			2	30 A I.T. SERVER RM 127 DATA RACK PLUG	38
39	I.T. SERVER RM 127 DATA RACK PLUG	30 A	2		1877 VA	1877 VA				40
41					1877 VA	--	1	--	Space	42
				Total Load: 15594 VA		13351 VA	17361 VA			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	7220 VA	100.00%	7220 VA	
Power	39266 VA	30.00%	11780 VA	Total Conn. Load: 46486 VA
				Total Est. Demand: 19000 VA
				Total Conn.: 129 A
				Total Est. Demand: 53 A

Notes:

COMcheck Software Version 4.0.2.0 Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: New Construction
Project Type: 4 (High activity metropolitan commercial district)
Exterior Lighting Zone

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts / Unit	D Tradable Wattage	E Allowed Watts (B X C)
CANOPY (Entry canopy)	1375 R2	0.4	Yes	550
EXTERIOR WALL (Illuminated area of facade wall or surface)	1615 R2	0.2	No	323
EXTERIOR WALL (Illuminated area of facade wall or surface)	1612 R2	0.2	No	324
REAR CANOPY (Driveway)	995 R2	0.13	Yes	129
EXTERIOR WALL (Illuminated area of facade wall or surface)	950 R2	0.2	No	190
EXTERIOR WALL (Illuminated area of facade wall or surface)	722 R2	0.2	No	144
EXTERIOR WALL (Illuminated area of facade wall or surface)	1368 R2	0.2	No	274
EXTERIOR WALL (Illuminated area of facade wall or surface)	1368 R2	0.2	No	274
CANOPY (Entry canopy)	848 R2	0.4	Yes	339
EXTERIOR WALL (Illuminated area of facade wall or surface)	1026 R2	0.2	No	205
EXTERIOR WALL (Illuminated area of facade wall or surface)	513 R2	0.2	No	103
EXTERIOR WALL (Illuminated area of facade wall or surface)	342 R2	0.2	No	68
EXTERIOR WALL (Illuminated area of facade wall or surface)	350 R2	0.2	No	70
Total Tradable Watts (a) =				1019
Total Allowed Watts =				3004
Total Allowed Supplemental Watts (b) =				1300

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 1300 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
CANOPY (Entry canopy 1375 R2): Tradable Wattage				
FIXTURE TYPE M1: Other:	1	5	50	250
FIXTURE TYPE M2: Other:	1	5	80	400
EXTERIOR WALL (Illuminated area of facade wall or surface 1615 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	3	80	240
EXTERIOR WALL (Illuminated area of facade wall or surface 1612 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	3	80	240
REAR CANOPY (Driveway 995 R2): Tradable Wattage				
FIXTURE TYPE M: Other:	1	8	80	640
EXTERIOR WALL (Illuminated area of facade wall or surface 950 R2): Non-tradable Wattage				

Project Title: Report date: 12/03/20
Data filename: N:\2020-DWG\2034_Horizon City Facilities\COMCHECK\COMCHECK.cck Page 2 of 8

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
FIXTURE TYPE K: Other:	1	2	80	160
EXTERIOR WALL (Illuminated area of facade wall or surface 722 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	1	80	80
EXTERIOR WALL (Illuminated area of facade wall or surface 1368 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	2	80	160
FIXTURE TYPE K: Other:	1	3	80	240
CANOPY (Entry canopy 848 R2): Tradable Wattage				
FIXTURE TYPE M1: Other:	1	6	50	300
EXTERIOR WALL (Illuminated area of facade wall or surface 1026 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	2	80	160
EXTERIOR WALL (Illuminated area of facade wall or surface 513 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	1	80	80
EXTERIOR WALL (Illuminated area of facade wall or surface 342 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	1	80	80
EXTERIOR WALL (Illuminated area of facade wall or surface 350 R2): Non-tradable Wattage				
FIXTURE TYPE K: Other:	1	1	80	80
Total Tradable Proposed Watts =				1590

Exterior Lighting PASSES: Design 31% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.0.2.0 and to comply with the mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Report date: 12/03/20
Data filename: N:\2020-DWG\2034_Horizon City Facilities\COMCHECK\COMCHECK.cck Page 3 of 8

COMcheck Software Version 4.0.2.0 Interior Lighting Compliance Certificate

Project Information

Energy Code: 2015 IECC
Project Title: New Construction
Project Type:

Construction Site: Owner/Agent: Designer/Contractor:

Additional Efficiency Package

Unspecified

Allowed Interior Lighting Power

A Area Category	B Floor Area (R2)	C Allowed Watts / R2	D Allowed Watts (B X C)
1-HORIZON FACILITIES (Police)	20248	0.87	17616
Total Allowed Watts =			17616

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1-HORIZON FACILITIES (Police)				
FIXTURE TYPE A: Other:	1	126	37	4662
FIXTURE TYPE B: Other:	1	76	32	2432
FIXTURE TYPE C: Other:	1	40	21	840
FIXTURE TYPE D: Other:	1	4	27	108
FIXTURE TYPE D1: Other:	1	2	81	162
FIXTURE TYPE D2: Other:	1	3	96	288
FIXTURE TYPE F: Other:	1	24	40	960
FIXTURE TYPE H: Other:	1	20	67	1340
FIXTURE TYPE L: Other:	1	25	33	825
FIXTURE TYPE Q: Other:	1	22	11	242
FIXTURE TYPE Q1: Other:	1	9	36	320
Total Proposed Watts =				12178

Interior Lighting PASSES: Design 31% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.0.2.0 and to comply with the mandatory requirements listed in the Inspection Checklist.

Name - Title Signature Date

Project Title: Report date: 12/03/20
Data filename: N:\2020-DWG\2034_Horizon City Facilities\COMCHECK\COMCHECK.cck Page 1 of 8



211 N. Florence, Ste. 204
El Paso, TX 79901

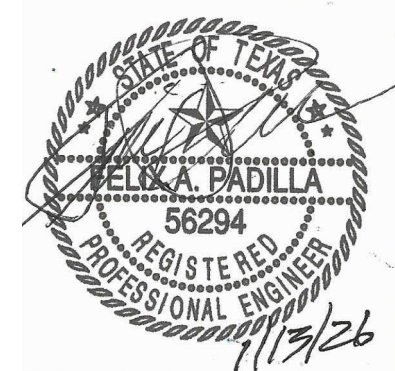
Tel. (915) 533-0323
Fax. (915) 533-0332

www.exigoarch.com

HORIZON CITY
MUNICIPAL FACILITIES
PHASE 1 ISSUED FOR
PERMIT AND BIDDING

Project Number

Consultants:



12/03/2020

Drawing Date: 12/03/2020
Drawn: E.H.
Checked: F.P./F.O.
Scale: AS SHOWN

Revisions:

No.	Description	Date
4	ASI #007	11/12/25
5	ASI #009	1/14/26

DRAWING COORDINATION

ARCHITECTURAL, CIVIL, MECHANICAL,
STRUCTURAL, ELECTRICAL, AND
LANDSCAPING DRAWINGS ARE
INTERRELATED. GENERAL CONTRACTOR
AND ALL SUBCONTRACTORS SHALL REVIEW
AND COORDINATE THE ENTIRE SET OF
DRAWINGS AND PROJECT MANUAL.

PANEL
SCHEDULES

E6.1R2

CONSTRUCTION DOCUMENTS



ALPHA ENGINEERING, INC.
ENGINEERING CONSULTANTS
1818 E. RIO GRANDE EL PASO, TEXAS 79902
TEL. (915) 838-9900 FAX. (915) 838-9909
REGISTRATION # F005236

Rafael Renovato

From: Elva Ramos <eramos@horizoncity.org>
Sent: Wednesday, December 17, 2025 12:05 PM
To: Rafael Renovato; Luis Lares; Josue Mendoza; Marco Vargas; Jesse Sanchez; Arturo Rubio
Cc: Jesus Ortega
Subject: RE: HCPD Dispatch Visit

External (eramos@horizoncity.org)

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Hello,

Is he requesting the radio room specs I had previously sent?



*Elva M. Ramos
Communications Manager
Horizon City Police Department
Office (915) 852-1047
Fax (915) 852-0318*

From: Rafael Renovato <rrenovato@exigoarch.com>
Sent: Wednesday, December 17, 2025 10:45 AM
To: Luis Lares <llares@exigoarch.com>; Josue Mendoza <jmendoza@horizoncity.org>; Elva Ramos <eramos@horizoncity.org>; Marco Vargas <mvargas@horizoncity.org>
Cc: Jesus Ortega <jortega@exigoarch.com>
Subject: Re: HCPD Dispatch Visit

Elva/Josue,

Do you have an update on the requested information the engineer is asking for, he needs it as soon as possible in order to proceed with this. Please let me know as soon as possible.

Please advise if you have any questions or require additional information.

Regards,

Rafael Renovato



rrenovato@exigoarch.com

211 N. Florence Suite 204

El Paso, Texas 79901

T 915.533.0323 F 915.533.0232

This message is for the designated recipient **only** and may contain privileged, proprietary, or otherwise private information. If you have received it in error, please notify the sender immediately and delete the **original**. Any **other** use of the email by you is **prohibited**.

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From: Rafael Renovato

Sent: Tuesday, December 16, 2025 1:53 PM

To: Luis Lares <llares@exigoarch.com>; Josue Mendoza <jmendoza@horizoncity.org>

Cc: Jesus Ortega <jortega@exigoarch.com>

Subject: RE: HCPD Dispatch Visit

Josue,

Please see below for requested load information from the engineer. Do you have an update on this?

RRENOVATO

From: Luis Lares <llares@exigoarch.com>
Sent: Monday, December 15, 2025 2:09 PM
To: Rafael Renovato <rrenovato@exigoarch.com>; Josue Mendoza <jmendoza@horizoncity.org>
Cc: Jesus Ortega <jortega@exigoarch.com>
Subject: FW: HCPD Dispatch Visit

Rafael /Josue,

Can someone provide the information requested by the electrical engineer?, He need to know and make sure we are not overloading the electrical service.

Please provide the information A soon as possible.

Thank you,



Luis Lares | LEED GA | GGP
Project Manager | Exigo Architecture
O: 915-533-0323
211 N Florence St. Suite 101 El Paso, Texas 79901
[Web](#) | [Facebook](#) | [Instagram](#)



From: fortega@alpha-engr.com <fortega@alpha-engr.com>
Sent: Monday, December 15, 2025 1:54 PM
To: Luis Lares <llares@exigoarch.com>
Cc: Rafael Renovato <rrenovato@exigoarch.com>; Jesus Ortega <jortega@exigoarch.com>
Subject: RE: HCPD Dispatch Visit

Luis,

Would you please ask the owner's special systems contractor for an electric load summary of each IT and radio room equipment? The UPS panelboard is being filled out with all the changes we have made. We need the electrical load summary to ensure we are not overloading the UPS panelboard.

Respectfully,

Filiberto "Beto" Ortega
Electrical Design Engineer



1818 E. Rio Grande, El Paso, Texas 79902
Tel. (915) 838-9900

Email: fortega@alpha-engr.com

From: Luis Lares <llares@exigoarch.com>
Sent: Thursday, December 11, 2025 4:28 PM
To: fortega@alpha-engr.com
Cc: Rafael Renovato <rrenovato@exigoarch.com>; Jesus Ortega <jortega@exigoarch.com>
Subject: FW: HCPD Dispatch Visit

Beto,

Please see the email at the very bottom of this email. The 911 staff are requesting an additional power outlets at the ceiling similar to the ones issued for the Radio comm Room.

Please include this change to the ASI that we are working on (ASI 009). I will call you tomorrow to discuss.

Thank you,



Luis Lares | LEED GA | GGP
Project Manager | Exigo Architecture
O: 915-533-0323
211 N Florence St. Suite 101 El Paso, Texas 79901
[Web](#) | [Facebook](#) | [Instagram](#)



From: Josue Mendoza <jmendoza@horizoncity.org>
Sent: Thursday, December 11, 2025 1:03 PM
To: Rafael Renovato <rrenovato@exigoarch.com>; Jesus Ortega <jortega@exigoarch.com>; Luis Lares <llares@exigoarch.com>; Arturo Rubio <arubio@horizoncity.org>; Jesse Sanchez <jsanchez@horizoncity.org>
Cc: Elva Ramos <eramos@horizoncity.org>; Marco Vargas <mvargas@horizoncity.org>; Albert Valle <avalle@horizoncity.org>; Daniel Serrano <dserrano@horizoncity.org>; Eduardo Garcia <egarcia@horizonedc.com>; Rachel G Sarabia <RachelS@elpasocounty911.org>
Subject: Fw: HCPD Dispatch Visit

Hello,

Below is the recommendation from the 911 Staff.

Thank you.

*Josue Mendoza
I.T. Specialist
Town of Horizon City
14999 Darrington*

Horizon City, TX 79928
915-852-1047
jmendoza@horizoncity.org

From: Alex Medina <AlexM@elpasocounty911.org>
Sent: Thursday, December 11, 2025 11:50 AM
To: Josue Mendoza <jmendoza@horizoncity.org>
Cc: Rachel G Sarabia-Duarte <RachelS@elpasocounty911.org>; Madison Luna-Torres <MadisonLT@elpasocounty911.org>; NetworkAdmin <NetworkAdmin@elpasocounty911.org>
Subject: HCPD Dispatch Visit

Josue,

Good morning. This is what we discussed during yesterday's visit.

Network Closet:

- Install four separate UPS protected 30-amp circuits in the ceiling above the racks, two for each rack; this will provide redundant power for the network equipment.
- Four 30 amp PDUs to connect network equipment, two for each rack.
- Ground both racks

Dispatch Room:

- Color code electrical outlets, red for UPS protected outlets - white for non-UPS protected. all critical systems will be connected to UPS protected outlets.
- UPS protected electrical power for dispatch consoles.

Let us know if you have any questions or think of anything else.

Thank you,

Alex Medina

Customer Support Manager

El Paso County 911 District

alexm@elpasocounty911.org

915-832-6815 ♦O

915-787-9780 - M

