Sponsored by: Lindsey

CITY OF MARATHON, FLORIDA
RESOLUTION 2017-37

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, APPROVING A CONTRACT CHANGE ORDER WITH PEDRO FALCON CONTRACTORS, INC. FOR THE UTILITY AND PUBLIC WORKS MAINTENANCE FACILITY IN AN AMOUNT NOT TO EXCEED $95,031.20; AUTHORIZING THE CITY MANAGER TO EXECUTE THE CONTRACT CHANGE ORDER #2, APPROPRIATE AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the City of Marathon (the "City") awarded the contract for the "Utility and Public Works Maintenance Facility" (the "Project") on January 26, 2016 by Resolution 2016-11in the amount of $1,994,484.00; and

WHEREAS, the change order is found to be reasonable for the additional work requested by City staff and to be performed by Pedro Falcon Contractors, Inc. as the general contractor, in the amount of $95,031.20; and

WHEREAS, the City wishes to accept this change order, which will enable the City to include improved site and building features for security system cameras, perimeter fencing, access gates, heavy duty base to the parking lot and sprinkler head revision.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THAT:

Section 1. The foregoing recitals are true and correct and are incorporated herein by this reference.

Section 2. The contract attached hereto as Exhibit "1", together with such non-material changes as may be acceptable to the City Manager and approved as to form and legality by the City Attorney is hereby approved. The City Manager is authorized to execute the contract and expend budgeted funds on behalf of the City.

Section 3. This resolution shall take effect immediately upon its adoption.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THIS 23rd DAY OF MAY 2017.

THE CITY OF MARATHON, FLORIDA

Dr. Daniel Zieg, Mayor

AYES: Bartus, Coldiron, Cook, Senmartin, Zieg
NOES: None
ABSENT: None
ABSTAIN: None

ATTEST:

Diane Clavier, City Clerk

(City Seal)

APPROVED AS TO FORM AND LEGALITY FOR THE USE AND RELIANCE OF THE CITY OF MARATHON, FLORIDA ONLY:

David Migut, City Attorney

EXHIBIT "C"
CHANGE ORDER

CHANGE ORDER NO. 02

TO: City of Marathon

PROJECT: Utility and Public Works Maintenance Facility Building

CONTRACTOR: Pedro Falcon Contractors, Inc.

DATE: May 23, 2017

This Change Order will authorize the following change to the Agreement:

> The Work as set forth in the Agreement is hereby amended to include the items set forth on **Exhibit "1"** attached hereto and by this reference made a part hereof.

This Change Order constitutes full, final, and complete compensation to the Contractor for all costs, expenses, overhead, and profit, and any damages, and/or time adjustments of every kind that the Contractor may incur in connection with the above referenced changes in the Work, and any other effect on any of the Work under the Agreement. The Contractor acknowledges and agrees that (a) the Contract Price of $ 1,994,484.00 under the Agreement will be changed by this Change Order, and (b) the schedule for performance of Work will be changed by this Change Order. Contractor expressly waives any claims for any additional compensation, damages or time extensions in connection with the above-referenced changes. Except as herein or heretofore expressly modified, all terms of the Agreement shall remain in full force and effect and shall cover the performance of, and payment for, any work authorized hereunder. Any defined terms not defined in this Change Order shall have the meanings set forth in the Agreement.

By signing below the parties indicate acceptance of this Change Order as set forth herein.

CONSENT OF SURETY TO CHANGE ORDER

The Surety Agrees that this change order is not a cardinal change and if the Change Order includes an increase in the Contract amount, then the penal amount of the payment and performance bond issued for this Contract is increased by the dollar amount of this Change Order.

_____ (Seal)
Surety's Name and Corporate Seal

By: _____
Signature and Title

Attest: _____
Signature and Title

Exhibit "1"

CHANGE ORDER SUMMARY

This Change Order is necessary to cover changes in the Work to be performed under this Agreement. Except as may be modified herein all of the provisions of the Agreement apply to and govern all Work under this Change Order.

THE FOLLOWING CHANGES ARE MADE TO THE AGREEMENT DOCUMENTS:

(1)	Original Contract Price	$1,994,484.00
(2)	Current Contract Price (Adjusted by Previous Change	$2,323,114.63
(3)	Total Proposed Change in Contract Price	$95,031.20
(4)	New Contract Price (Item 2 + Item 3)	$2,418,145.83
(5)	Original Contract Time	300 days
(6)	Proposed Change in Contract Time	24 days
(6)	Current Contract Time (Adjusted by Previous Change	324 days
(7)	Total Proposed Change in Contract Time	0 days
(8)	New Contract Time (Item 6 ± Item 7)	324 days
(9)	Original Contract Substantial Completion Date	September 2, 2017
(I 0)	New Contract Substantial Completion Date	September 26, 2107

CHANGE ORDER HISTORY						
Item No.	Description	Current Contract Amount	Additive Change	Deductive Change	Net Change Contract Price	Net Change Contract Time
	Total Contract Price	$1,994,484.00				
1			$328,630.63	$0.00	$328,630.63	24 days
2			$95,031.20	$0.00	$95,031.20	0 days
Total					$423,661.83	24 days

The Change Order is a result of additions requested by staff as shown below._____
_____
_____
_____
_____
_____
_____.

The cost breakdown is as follows: **See attached Request for Change Order,**

PCO-002, Revised: 20 April 2017 by Pedro Falcon Contractors, Inc.,

WORK ITEM DESCRIPTION	PRICE
Additional Fencing	$ 13,415.59
Motorized Access Gates	$ 22,359.31
Heavy Duty Limerock Base for Parking Lot	$ 58,919.80
Access Control System & Cameras	$ 37,967.35
Delete Material Bins (deduct)	$ (38,148.46)
Sprinkler Head Revision	$ 517,61
	$
	$
TOTAL	$ 95,031.20

EXHIBIT "A"

Pedro Falcon Contractors, Inc.

General Contracting

31160 Avenue C, Big Pine Key, FL 33043-4516
(305) 872-2200 • Fax (305) 872-2219 • falconel@bellsouth.net
CGC 1507617

Request for Change Order

Revised 20 April 2017

Project: Marathon Utility Building

Change Order Request No: PCO - 002

Description: Owner Requested Changes

Item 1 – Additional Fencing – Provide approx. 520 LF of 6'0" H Black Vinyl Chain Link Fencing around Site

Builders Risk Insurance	$388.85
Florida Fence	$11,100.00
SUBTOTAL	**$11,488.85**
Overhead @ 10%	**$1,148.88**
Subtotal	**$12,637.73**
Profit @ 5%	**$631.89**
Subtotal	**$13,269.62**
Payment & Performance Bond @ 1.1%	**$145.97**
SUBTOTAL	**$13,415.59**

Item2 – Motorized 6'0"H Aluminum Gates at (2) Entries

Builders Risk Insurance.....$648.08

Florida Fence.....$18,500.00

SUBTOTAL.....$19,148.08

Overhead @ 10%.....$1,914.81

Subtotal.....$21,062.89

Profit @ 5%.....$1,053.14

Subtotal.....$22,116.03

Payment & Performance Bond @ 1.1%.....$243.28

SUBTOTAL.....$22,359.31

Item 3 – 6" Limerock Under Paved Parking Area

Builders Risk.....$1,707.77

B & L Beneway.....$48,750.00

SUBTOTAL.....$50,457.77

Overhead @ 10%.....$5,045.78

Subtotal.....$55,503.55

Profit @ 5%.....$2,775.18

Subtotal.....$58,278.73

Payment & Performance Bond @ 1.1%.....$641.07

SUBTOTAL.....$58,919.80

Item 4 –Access Control System& Cameras

Builders Risk.....$1,100.47

Skylight Tech.....$31,414.03

SUBTOTAL.....$32,514.50

Overhead @ 10%.....$3,251.45

Subtotal.....$35,765.95

Profit @ 5%.....$1,788.30

Subtotal.....$37,554.25

Payment & Performance Bond @ 1.1%.....$413.10

SUBTOTAL.....$37,967.35

Item 5– Delete Material Bins

Builders Risk..... <$1,105.72

Materials.....<$16,954.88>

Labor.....<$14,609.00>

SUBTOTAL.....<$32,669.60>

Overhead @ 10%.....<$3,266.96>

Subtotal.....<$35,936.56>

Profit @ 5%.....<$1,796.83>

Subtotal.....**<$37,733.39>**

Payment & Performance Bond @ 1.1%.....**<$415.07>**

SUBTOTAL.....**$<$38,148.46>**

Item 6 –Sprinkler Head Revision

Builders Risk.....$15.00

Precision Sprinkler.....$428.27

SUBTOTAL.....**$443.27**

Overhead @ 10%.....**$44.33**

Subtotal.....**$487.60**

Profit @ 5%.....**$24.38**

Subtotal.....**$511.98**

Payment & Performance Bond @ 1.1%.....**$5.63**

SUBTOTAL.....**$517.61**

TOTAL ALL OF THE ABOVE:.....**$95,031.20**

Net Amount of Request for Change Order:.....**$95,031.20**

Additional Time Requested for Change:

None

This proposal only encompasses the item(s) specifically outlined above, as detailed in subcontractor proposals attached, and does not include any other items, whether stated or inferred, in any other documents. The terms set forth in this proposal shall have precedence over any other agreement and this proposal shall be included in any modification agreement.

Respectfully Submitted,

Ken Bygler
Project Manager

Florida Fence Corporation
P. O. Box 227
Tavernier, FL 33070 US
(305) 852-4324
floridafence@aol.com
www.floridakeysfencing.com

Estimate

ADDRESS
Pedro Falcon
31160 Ave. C
Big Pine Key FL. 33043
fax 305.872.2219
Ken
Attention:, KY

ESTIMATE #	DATE
1565	01/24/2017

P.O. NUMBER
Marathon Utility

ACTIVITY	QTY	RATE	AMOUNT
Chain Link Provide & Install Chain Link Fencing- Marathon Utility Building	1	3,600.00	3,600.00

Phase 1- 90' LF of 6' high black vinyl chain link fence.

Sch. 40 black frame work
9 ga. black wire
6' black screening with groomets
No gates

Phase 2- option-
Install approx. 520' LF of 6' high black chain link fence
Fence will meet same specifications as above.
$ 11,100.00.

Gates- Provide and install 25' by 6' aluminum roll gate.
Roll gate to be welded at our shop(if an alternate supplier is requested it could affect price of gate,)
Supply one Viking H-10 commercial roll gate motor
Key pad, free exit , and Omron safety eye.
Concrete track pad & tracking
All associated installation hardware.
Electric supplied by others
Tie into existing communication system by others.

$ 9,250.00 each (note : this price is for a single gate, please double if they chose to have two gates)

TOTAL **$3,600.00**

B & L BENEWAY, INC.
936 CRANE BOULEVARD
SUGARLOAF, FL 33042

TELEPHONE: 305-743-4394
FAX: 305-743-4294

March 30, 2017

Pedro Falcon Electrical &
General Contractors
31160 Avenue C
Big Pine, FL 33043
Attn: Ken Bygler

MARATHON UTILITY BUILDING
PROPOSAL

Furnish and install approximately 22,200 SF additional 6" limerock under parking area.

Price: $48,750.00

SKYLIGHT TECH
7213 SW 48 STREET
MIAMI, FL 33155 US
(305) 363-2773
ellen@skytechslv.com

ADDRESS
CITY OF MARATHON
9805 OVERSEAS HWY
MARATHON, FL 33050-3339
UNITED STATES

SHIP TO
CITY OF MARATHON
9805 OVERSEAS HWY
MARATHON, FL 33050-3339
UNITED STATES

DESCRIPTION	QTY	RATE	AMOUNT
UTILITY BUILDING			
EGRESS 2 HID PROX THIN LINE READER (1) $210.35 HES 9600 DOOR STRIKE (1) $297.28 KANTECH REQUEST TO EXIT MOTION DETECTOR (1) $86.51 INTERCOM DOOR STATION (1) $150 INSTILLATION LABOR CHARGE (10) $95 $950	1	1,694.84	1,694.84
EGRESS 3 HID PROX THIN LINE READER (1) $210.35 HES 9600 DOOR STRIKE (1) $297.28 KANTECH REQUEST TO EXIT MOTION DETECTOR (1) $86.51 INTERCOM DOOR STATION (1) $150 INSTILLATION LABOR CHARGE (10) $95 $950	1	1,694.84	1,694.84
EGRESS 4 HID PROX THIN LINE READER (1) $210.35 HES 9600 DOOR STRIKE (1) $297.28 KANTECH REQUEST TO EXIT MOTION DETECTOR (1) $86.51 INTERCOM DOOR STATION (1) $150 INSTILLATION LABOR CHARGE (10) $95 $950	1	1,694.84	1,694.84
EGRESS 5 HID PROX THIN LINE READER (1) $210.35 HES 9600 DOOR STRIKE (1) $297.28 KANTECH REQUEST TO EXIT MOTION DETECTOR (1) $86.51 INTERCOM DOOR STATION (1) $150 INSTILLATION LABOR CHARGE (10) $95 $950	1	1,694.84	1,694.84
HEAD END ACCESS CONTROL SYSTEM			
KT-400 four door controller, IP ready, Accessory kit (KT-400-ACC), metal cabinet (KT-400-CAB) w/lock (KT-lock)	1	2,297.80	2,297.80
KANTECH 12/7 AMP BATTERY	1	15.04	15.04
HID PRINTABLE BADGING CARD PACK OF 25	1	129.05	129.05

DESCRIPTION	QTY	RATE	AMOUNT
EntraPass Corporate Edition v6 USB key, includes: one server workstation and 2 additional workstations license,one gateway license, one Webstation license, English User Manual. One year of updates included.	1	893.00	893.00
ACCESS CONTROL SERVER MONITOR AND MOUSE	1	1,500.00	1,500.00
1500 UPS BATTERY BACK UP	1	498.32	498.32
VALCOM HEAD END CONTROLLER	1	1,233.09	1,233.09
ROUGH ACCESS CONTROL CABLING	16	95.00	1,520.00
MAIN INTERCOM UNIT	1	1,250.00	1,250.00
INSTALLATION PROGRAMMING LABOR CHARGE	80	95.00	7,600.00
BURGLAR ALARM SYSTEM			
8-48 ZN VISTA 21IP W/IP COMM	1	189.42	189.42
4G RADIO UNIVERSAL W/X-FORMER	1	208.80	208.80
HONEYWELL OH DOOR 2-3/8" GAP SPST L-BRKT	1	13.03	13.03
LCD KEYPAD CUST ALPHA PROG	1	126.66	126.66
ALARM CABLING TOTAL	8	95.00	760.00
CCTV IP CAMERA SYSTEM			
1.3MP / 3MP high resolution HD real-time videoIR LEDs: up to 20m DWDR & 3D DNR & BLC Onboard storage (up to 64GB) (-S) Audio I/O, Alarm I/O IP66 Vandal-proof	8	374.10	2,992.80
3 Megapixel CMOS Vandal-proof Network Dome Camera FIX LENSE 1/3" Progressive Scan CMOS 4mm@ F2.0 (2.8mm, 6mm optional)	4	308.21	1,232.84
NVR 16CH 16-POE 2-SATA - 2TB	1	797.49	797.49
LUXUL AV MULTI-WAN GIGABIT ROUTER	1	200.00	200.00
HD 19 INCH MONITOR WITH KEYBOARD AND MOUSE	1	227.33	227.33
TOTAL CCTV CABLING	10	95.00	950.00

DESCRIPTION	QTY	RATE	AMOUNT
TAXES AND PERMITS NOT INCLUDED ON THIS PROPOSAL, TAXES AND PERMITS WILL BE BILLED AT ACTUAL PRICE UPON INVOICE. METHOD OF PAYMENT: 15% RETAINER FOR LOW VOLTAGE DRAWINGS AND CITY APPROVAL, 30% DEPOSIT 30 DAYS BEFORE JOB COMMENCEMENT, 30% DRAW UPON ROUGH COMPLETION, 20% DRAW UPON TERMINATION INSTALLATION, 5% UPON FINAL WALKTHROUGH.	1	0.00	0.00

DEPOSIT: Retainer payment will be considered approval for this job.
TRAINING: Customer will receive 1 session 1 hours hands on group training for equipment sold and installed by Skylight Tech.
LIMITED WARRANTY: Product sold hereunder will be free from defects in materials and labor for a period of 12 month from the date of installation. If products or labor do not conform to this limited warranty, during the warranty period.
Buyer shall notify Skylight Technologies in writing of the defect. Warranty does not cover system damage as a result of any act of nature or physical damage.

GENERAL ALTERATION: Any alteration or deviation of the above mentioned specifications, included but not limited to any such alteration or deviation involving additional material and/or labor costs, will be executed only upon approved change order.
CODE CONFORMITY: Skylight Technologies is not responsible to insure that plans, specifications, and other contract documents conform with building codes and zoning regulations.
SITE ACCESS: Unless otherwise agreed to in the contract, the owner or contractor has an implied duty to provide the contractor with adequate and timely access to the job site.
BASIC RIGHTS AND RESPONSIBILITIES: Each participant in the construction process has particular roles and responsibilities. Those roles and responsibilities are defined in the contract and clearly establish the relationship between participants. Once established in the contract, those relationship and responsibilities become legally binding and form the basis for dispute resolution.

Accepted By

Accepted Date


SKY
TECHS
7213 SW 48 ST MIAMI FL 33155
PH 305 363 2773
WILL@SKYTECHS CO&I
CONSTRUCTION SET DESIGN
BY WILGENS TORRES SR P M G R

Typical Application Diagrams:

Fig. 2 - Typical single mag lock or door strike installation with fire alarm tie-in using trigger controlled output:

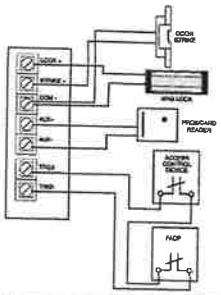


Fig. 3 - Typical dual mag lock installation with fire alarm tie-in using trigger controlled outputs:

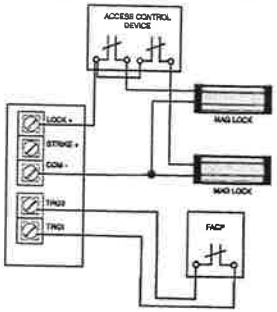


Fig. 4 - Typical mag lock with fire alarm tie-in using aux output installation:

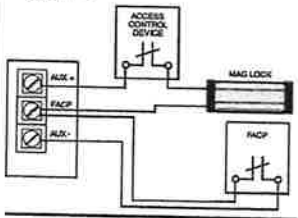


Fig. 5 - Latching fire alarm tie-in with manual reset:

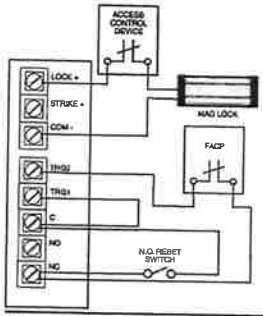
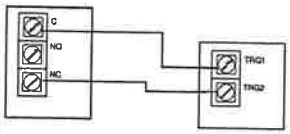


Fig. 6 - Multiple AL175UL(X) power supply connections:

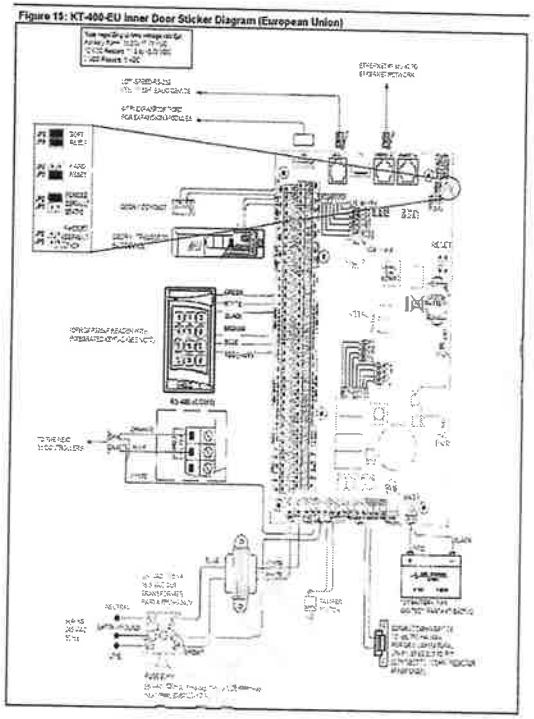


Terminal / Switch Identifcation:

Terminal Legend	Function/Description
TRG1 & TRG2	These input terminals are designed to connect to the normally closed outputs of an access control or fire alarm relay. These terminals control [LOCK+], and [STRIKE+], as well as 10-175UL output relay contacts [N.C., N.O., C]
LOCK+	This terminal provides DC output voltage when [TRG1] and [TRG2] are shorted together and are typically used to power Mag Locks.
STRIKE+	This terminal provides DC output voltage when [TRG1] and [TRG2] are unshorted and are typically used to power Electric Strikes.
N.C., N.O., C	Isolated dry Form "C" contacts. Shorting [TRG1] and [TRG2] together causes these contacts to switch. They are typically used for controlling multiple 10-175ULs with fire alarm tie-in (Fig. 3 and Fig. 4, pg. 7-8).
AUX+	Continuous positive (+) DC power output voltage. It is not affected by TRG1, TRG2 operation.
COM –	Common negative (-) output (ground).
FACP	Spare wiring terminal used for fire alarm tie-in application (Fig. 1, pg. 6).
BAT+, BAT –	Stand-by battery connections.
SW2	Momentary reset button (on front door) is used as a manual power supply reset after fire alarm system is restored.

KANTECH

Figure 15: KT-400-EU Inner Door Sticker Diagram (European Union)



ACCESS CONTROL LEGEND

CARD READER 48" AFF

REQUEST TO EXIT MOTION

REQUEST TO EXIT PUSH BUTTON

MAG LOCK

DOOR CONTACT

DOOR RELEASE NOTES:

NFPA 101:

7.2.1.6.2* ACCESS-CONTROLLED EGRESS DOORS. WHERE PERMITTED IN CHAPTERS 11 THROUGH 42, DOORS IN THE MEANS OF EGRESS SHALL BE PERMITTED TO BE EQUIPPED WITH AN APPROVED ENTRANCE AND EGRESS ACCESS CONTROL SYSTEM, PROVIDED THAT ALL THE FOLLOWING CRITERIA ARE MET:

1. A SENSOR SHALL BE PROVIDED ON THE EGRESS SIDE, ARRANGED TO DETECT AN OCCUPANT APPROACHING DOORS THAT ARE ARRANGED TO UNLOCK IN THE DIRECTION OF EGRESS UPON DETECTION OF AN APPROACHING OCCUPANT OR LOSS OF POWER TO THE SENSOR.
2. LOSS OF POWER TO THE PART OF THE ACCESS CONTROL SYSTEM THAT LOCKS THE DOORS SHALL AUTOMATICALLY UNLOCK THE DOORS IN THE DIRECTION OF EGRESS.
3. THE DOORS SHALL BE ARRANGED TO UNLOCK IN THE DIRECTION OF EGRESS FROM A MANUAL RELEASE DEVICE LOCATED 40 IN. TO 48 IN. (1015 MM TO 1220 MM) VERTICALLY ABOVE THE FLOOR AND WITHIN 60 IN. (1525 MM) OF THE SECURED DOORS.
4. THE MANUAL RELEASE DEVICE SPECIFIED IN 7.2.1.6.2(3) SHALL BE READILY ACCESSIBLE AND CLEARLY IDENTIFIED BY A SIGN THAT READS AS FOLLOWS: PUSH TO EXIT.
5. WHEN OPERATED, THE MANUAL RELEASE DEVICE SHALL RESULT IN DIRECT INTERRUPTION OF POWER TO THE LOCK — INDEPENDENT OF THE ACCESS CONTROL SYSTEM ELECTRONICS — AND THE DOORS SHALL REMAIN UNLOCKED FOR NOT LESS THAN 30 SECONDS.
6. ACTIVATION OF THE BUILDING FIRE-PROTECTIVE SIGNALING SYSTEM, IF PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOORS IN THE DIRECTION OF EGRESS, AND THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE-PROTECTIVE SIGNALING SYSTEM HAS BEEN MANUALLY RESET.
7. THE ACTIVATION OF MANUAL FIRE ALARM BOXES THAT ACTIVATE THE BUILDING FIRE PROTECTIVE SIGNALING SYSTEM SPECIFIED IN 7.2.1.6.2 (6) SHALL NOT BE REQUIRED TO UNLOCK THE DOORS.
8. ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER OR FIRE DETECTION SYSTEM, IF PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOORS IN THE DIRECTION OF EGRESS, AND THE DOORS SHALL REMAIN UNLOCKED UNTIL THE FIRE-PROTECTIVE SIGNALING SYSTEM HAS BEEN MANUALLY RESET.

SEAL/SIGNATURE/DATE:

SKY TECHS

7213 SW 48 ST MIAMI FL
33155 PH 305 363 2773
WIL@SKYTECHS.COM

CONSTRUCTION SET
DESIGN BY: WILGENS TORRES SR.P.M.G.R

PROJECT NAME:

DRAWING NAME:

ACCESS CONTROL DIAGRAM

LV-001

DOORS DETAILS

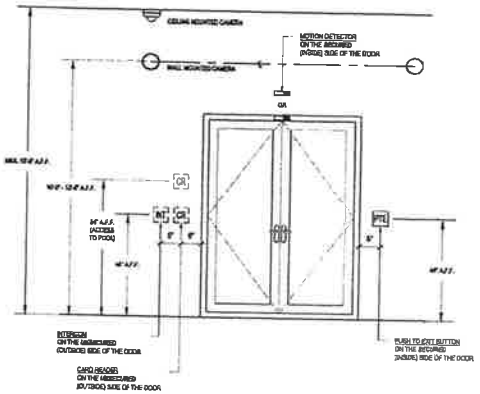
ES: ELECTRIC STRIKE

OPERATION

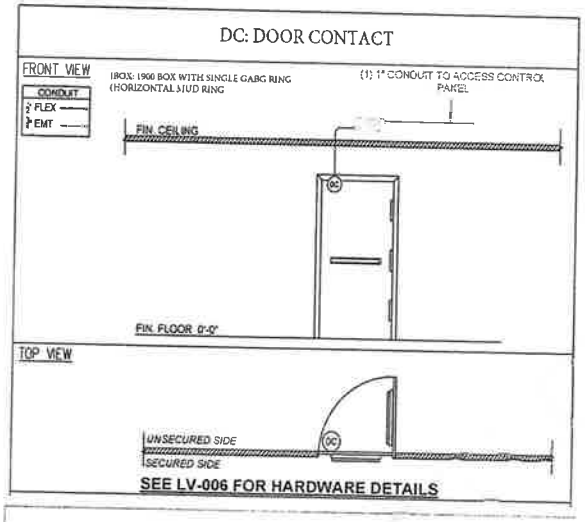
DOOR IS ALWAYS LOCKED FROM OUTSIDE. ACCESS TO SECURE AREA IS ONLY POSSIBLE PRESENTING AUTHORIZED CARD TO THE CARD READER OR BY USING BYPASS KEY AND A REQUEST TO EXIT MOTION SENSOR WILL AUTOMATICALLY UNLOCK THE DOOR IN THE DIRECTION OF EGRESS.

IN THE EVENT OF FIRE ALARM OR POWER FAILURE THE DOOR WILL UNLOCK REMAIN UNLOCKED IN THE DIRECTION OF EGRESS.

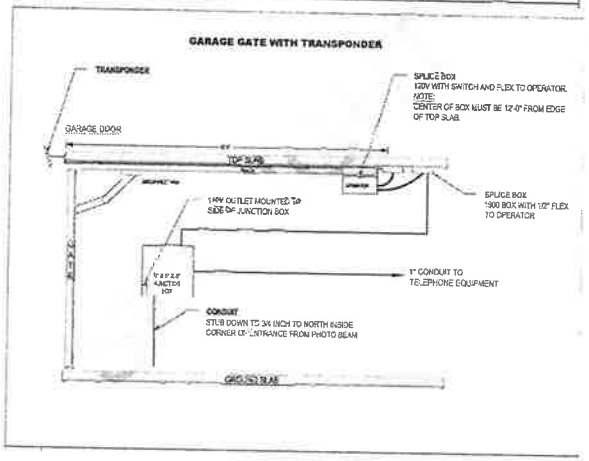
SEE LV-006 FOR HARDWARE DETAILS



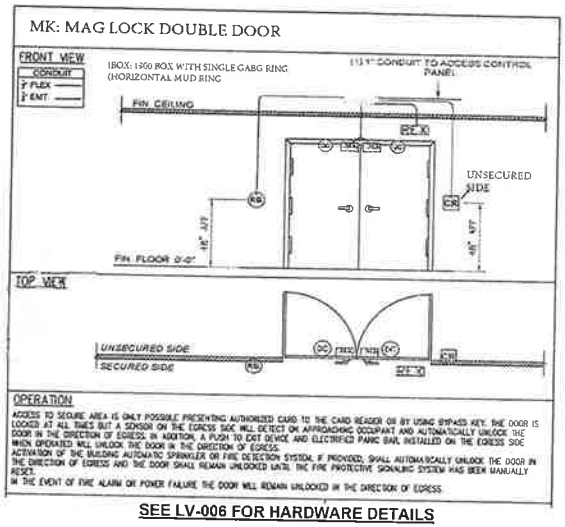
DC: DOOR CONTACT



SEE LV-006 FOR HARDWARE DETAILS



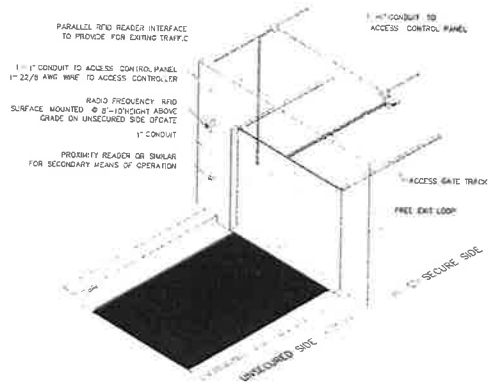
MK: MAG LOCK DOUBLE DOOR



OPERATION

ACCESS TO SECURE AREA IS ONLY POSSIBLE PRESENTING AUTHORIZED CARD TO THE CARD READER OR BY USING BYPASS KEY. THE DOOR IS LOCKED AT ALL TIMES BUT A SENSOR ON THE EGRESS SIDE WILL DETECT AN APPROACHING OCCUPANT AND AUTOMATICALLY UNLOCK THE DOOR IN THE DIRECTION OF EGRESS. IN ADDITION, A PUSH TO EXIT DEVICE AND ELECTRIFIED PANIC BAR, INSTALLED ON THE EGRESS SIDE WHEN OPERATED, WILL UNLOCK THE DOOR IN THE DIRECTION OF EGRESS.
ACTIVATION OF THE BUILDING AUTOMATIC SPRINKLER OR FIRE DETECTION SYSTEM, IF PROVIDED, SHALL AUTOMATICALLY UNLOCK THE DOOR IN THE DIRECTION OF EGRESS AND THE DOOR SHALL REMAIN UNLOCKED UNTIL THE FIRE PROTECTIVE SIGNALING SYSTEM HAS BEEN MANUALLY RESET.
IN THE EVENT OF FIRE ALARM OR POWER FAILURE THE DOOR WILL REMAIN UNLOCKED IN THE DIRECTION OF EGRESS.

SEE LV-006 FOR HARDWARE DETAILS



GENERAL DOOR NOTES:

1. UNLESS OTHERWISE NOTED, ELECTRICAL CONTRACTOR SHALL PROVIDE A MINIMUM 1" CONDUIT FOR EACH DEVICE FROM THE FIRE CONTROL ROOM, OR CONTROL ROOM, TO THE CORRESPONDING JUNCTION BOX FOR EACH DOOR, CAMERA OR DEVICE - PRIOR TO LOW VOLTAGE CONTRACTOR SCHEDULED DATE TO BEGIN.

2. THE DOOR CONTRACTOR SHALL PROVIDE THE DOOR HARDWARE, LOCKING DEVICES AND EQUIPMENT NECESSARY UNLESS - OTHERWISE DEFINED WITHIN THE CONTRACT DOCUMENTS.

3. ALL STANDARD BACK BOXES, PENETRATIONS AND CONDUITS WILL BE PROVIDED BY OTHERS.

4. IT IS THE RESPONSIBILITY OF THE DOOR CONTRACTOR TO INSTALL THE ACCESS CONTROL WIRING WITHIN DOOR FRAMES TO THE POINT OF THE ELECTRONIC LOCKING DEVICE.

5. DOOR CONTRACTOR SHALL PROVIDE THE FINAL DOOR SCHEDULE TO THE LOW VOLTAGE AND ELECTRICAL CONTRACTOR PRIOR TO THE ACCESS CONTROL PRE-WIRE.

SEAL/SIGNATURE/DATE:

SKY TECHS
7213 SW 46 ST MIAMI FL
33155 PH 305 383 2773
WIL@SKYTECHS.COM

CONSTRUCTION SET
DESIGN BY: WILGENS TORRES
SR.P.M.G.R

PROJECT NAME:

DRAWING NAME:

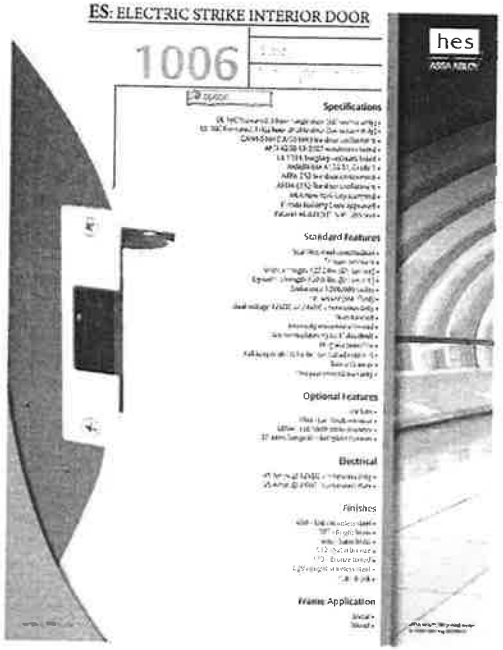
DOOR DETAIL

LV-002

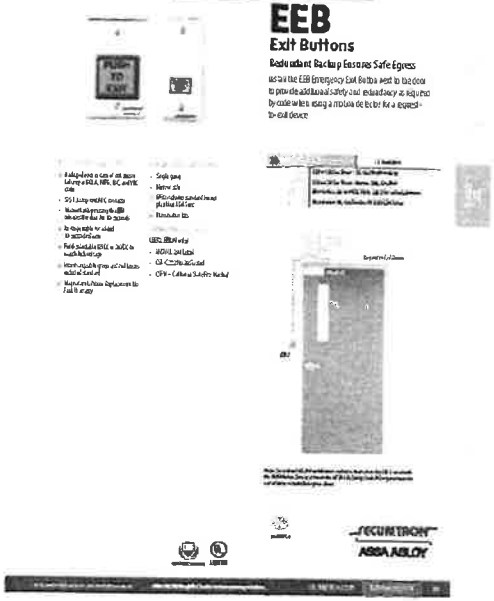
MK: MAG LOCKS

ESE: ELECTRIC STRIKE EXIT DOORS

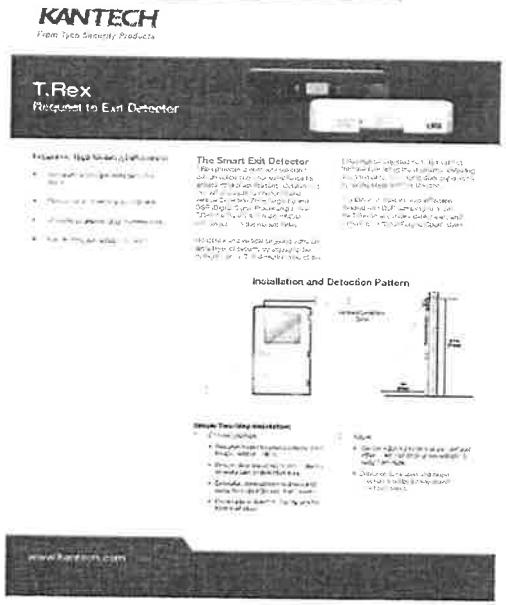
ES: ELECTRIC STRIKE INTERIOR DOOR



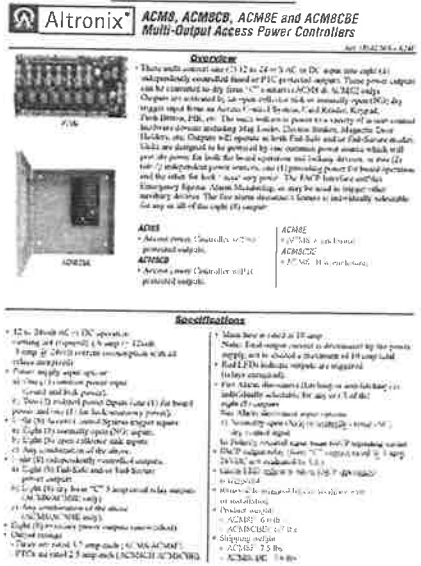
PB: PUSH TO EXIT BUTTON



REXM: REQUEST TO EXIT MOTION



FACP FIRE ALARM RELAY



SKY TECHS
7213 SW 48 ST
MIAMI FL 33155
PH 305 963 2773
WIL@SKYTECHS.CO
M

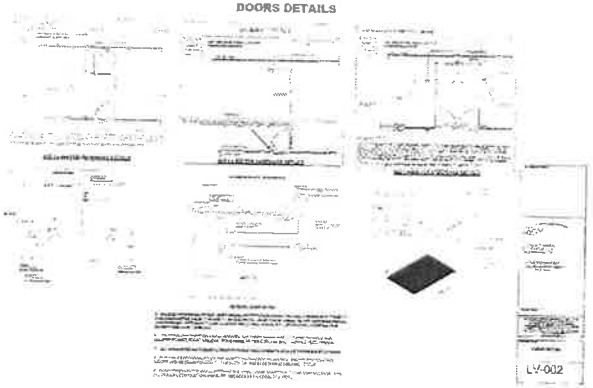
CONSTRUCTION SET
DESIGN BY: WILGENS TORRES
SR.P.M.G.R DESIGN DATE: 8/04/15

PROJECT NAME:

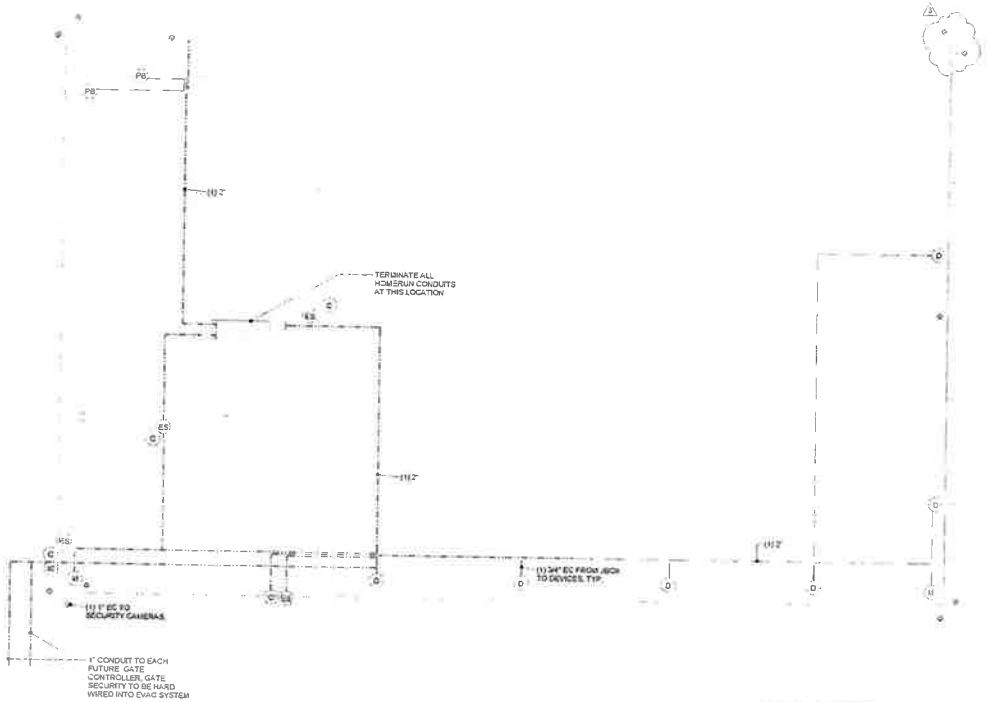
DRAWING NAME:
ACCESS CONTROL HARDWARE SPECS

LV-003

DOORS DETAILS



SECURITY EQUIPMENT			
MAR	DESCRIPTIO	WIRE TYPE	CONDUIT
IC	INTERCOM	1 CAT5E/6 UTP DATA WIRE	3/4" CONDUIT MIN.
E1	ELECTRICAL	16/4 AWG WIRE	3/4" CONDUIT MIN.
PB	REQUEST TO EXIT PUSH	1 CAT5E/6 UTP DATA WIRE	3/4" CONDUIT MIN.
C	CARD READER	1 CAT5E/6 UTP DATA WIRE	1" CONDUIT MIN.
M	MOTION DETECTOR	1 CAT 5E/6 UTP DATA WIRE	3/4" CONDUIT MIN.
	IN WALL TOUCH PAD	1 CAT5E/6 UTP DATA WIRE	3/4" CONDUIT MIN.
	FIXED POSITION CAMERA	1 CAT5E/6 UTP DATA WIRE	3/4" CONDUIT MIN.
J	JUNCTION BOX	JUNCTION BOX	
D	DOOR CONTACT	BATTERY OPERATED POINT OF CONTRACT	N/A



1 E2.4.1 GROUND FLOOR SECURITY PLAN
1/8" = 1'-0"

0' 4' 8' 16' 32'

ARCHITECT/ENGINEER
K2M SOLARIA DESIGN
Design, Owner Representation, Specialty Consulting, Asset Management
3000 Overseas Highway
Marathon, Florida 33050
Tel: 305-289-7980
Fax: 305-292-2162
Email: info@k2msdesign.com
URL: www.k2msdesign.com
Building Relationships Based on Trust and Respect

Submissions:
- 12/5/2016 - REV 1

CITY OF MARATHON UTILITY AND PUBLIC WORKS FACILITY
10335 OVERSEAS HIGHWAY
MARATHON, FL 33050
FISCAL PROJECT #2016-11

Drawing Size: 24 x 36
Project #: 16077
Drawn By: AS JS
Checked By: LW
Title: SECURITY PLAN

Sheet: E2.4.1

Date: October 21, 2016

PRECISION
AUTOMATIC SPRINKLER
FIRE PROTECTION SYSTEMS

CHANGE ORDER #1

Date: Wednesday, April 19, 2017

To: **Pedro Falcon Contractors, Inc.**
31160 Avenue C
Big Pine Key, Florida 33043

Site: **Marathon Utilities Building**
Marathon, Florida 33050

Attention: **Ken Bygler**

Fax #: **(305)872-2219** Phone #: (305)872-2200 kenb@pedrofalcon.com

We are pleased to quote our firm price of $428.27 (Four Hundred Twenty-Eight and 27/100 dollars) to furnish and install 8.0 K-Factor sprinkler heads in lieu of 5.6 K-Factor Sprinkler heads due to the change in underground pipe sizing from 6 Inch Pipe to 4 Inch Pipe.

System designed to meet requirements of NFPA and local authorities' approval. System design based on NFPA approved equipment and devices and the following detailed criteria:

Areas to Be Protected per Plans & Spec's

- PRICE TO CHANGE UPRIGHT SPRINKLER HEADS FROM 5.6 K-FACTOR TO 8.0 K-FACTOR.
- SPRINKLER HEADS BEING CHANGED DUE TO THE CHANGE IN UNDERGROUND PIPE SIZE FROM 6 INCH PIPE TO 4 INCH PIPE.
- THESE HEADS ARE BEING CHANGED TO PROVIDE A SUFFICIENT SAFETY MARGIN IN THE HYDRAULIC CALCULATIONS.

Qualifications and Clarifications

- Modify existing system per plans and specs.
- Price includes all required state and local taxes, applicable permit and plan check fees, all necessary hydraulic calculations and design drawings for approval and coordination with other trades.

WE PROPOSE hereby to furnish material and labor – complete in accordance with above specifications for the sum of:
Four Hundred Twenty-Eight and 27/100 dollars **($428.27)**
Payments as Follows: PROGRESS BILLING

All material is guaranteed to be as specified. All work to be completed in a substantial workmanlike manner according to specifications submitted, per standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Note: this proposal may be withdrawn by us if not accepted within 30 days.

Authorized Signature *Regan Melanson*

Regan Melanson
Precision Automatic Sprinkler Co.
rmelanson@pasprinkler.com

ACCEPTANCE OF PROPOSAL The above prices, specifications and conditions are satisfactory and are hereby accepted. You are hereby authorized to do the work as specified. Payment will be made as outlined above.

Signature_____ Date of Acceptance_____

City of Marathon

By: _____
Name: Charles Lindsey
Title: City Manager

Pedro Falcon Contractors, Inc.

By: _____
Name: Christian Brisson
Title: As President