

Part 1 General

1.1 ADDENDUM FORM

This Addendum forms part of the Contract Documents and modifies the Bidding Documents dated November 4th, 2016, with amendments and additions noted below.

Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may disqualify the Bidder at the Owner's discretion.

This addendum consists of two (2) pages plus the following list of attached documents:

No.	Document Title	Issue Date
Addendum E-01	HDK Consulting Incorporated Addendum No. E-01	December 14, 2016
Drawing T2R1	Access Control & Intrusion/Duress Alarm Plan	December 12, 2016
Drawing T3R1.1	Access Control Single Line Diagram	December 12, 2016
Drawing T3R1.2	Video Surveillance Single Line Diagram	December 12, 2016
Drawing T3R1.3	Access Control & Intrusion/Duress Alarm New Construction Plan	December 12, 2016
Drawing T3R1.4	Access Control & Intrusion/Duress Alarm Demolition Plan	December 12, 2016
Drawing E4R4	Life Safety Systems Renovation Plan	December 13, 2016

1.2 CHANGES TO DRAWINGS

- .1 Electrical (Refer to HDK Consulting Addendum E-01)
 - .1 Drawing E3: **REPLACE** existing panels 5W2 located in corridor (as indicated in detail 2/E3) with new 84 circuits panelboard and circuit breakers with electrical characteristics to match existing. Extend all branch circuits as required.
 - .2 Drawing E7: **PROVIDE** new panel and feeder 5W3 as per detail 1/E7. Existing Main Switchboard is located in Basement Floor approximately at the intersection of gridlines C.5 & 7.
 - .3 Drawing E2: Mechanical Equipment Schedule Note 2 **REMAINS UNCHANGED**. Electrical Contractor to review mechanical documents for pricing estimate before submitting bid.
 - .4 Drawing E2: **REVISE** Note 5 to read "Provide adequate support for all lighting luminaires independently of ceiling."
 - .5 Drawing E7: **REVISE** Emergency Lighting and Exit Signs as per Detail Sheet E4R4.
 - .6 Drawing E7: **REVISE** battery unit as follows: 1EB-1; Lumacell; RG12S-100-2-LD9-ATN-V-A; 5W3-9
 - .7 Drawing E7: **DELETE** EB-2 and EB-3.
 - .8 Drawing E7: **DELETE** Note #3.
 - .9 Drawing E7 Luminaire Schedule: **ADD** luminaires to read as follows:
 - a. E-1: Lumacell; LER-450B6L-C860-UNIV; 5.5W LED; 120VAC-347VAC 6VDC-24VDC; Bilingual Egress Sign.

- b. E-2: Lumacell; LER-460-460B6L-C860-UNIV; 5.5 LED; 120VAC-347VAC
6VDC-24VDC; Bilingual Egress Sign.

.10 Drawing E1: **DELETE** General Note 14.

.2 Communications (Refer to HDK Consulting Addendum E-01)

- .1 Drawing T2 & T3: **INSTALL** relocated access and control devices as indicated in part plan drawing T2R1 and T3R1.3.
- .2 Drawing T2 & T3: **REVISE** access control single line diagram. Refer to part plan drawing T3R1.1.
- .3 Drawing T2 & T3: **REVISE** intrusion alarm and video surveillance diagram. Refer to part plan drawing T3R1.2.
- .4 Drawing T2 & T3: **DELETE** devices as indicated in part plan drawing T3R1.4.

1.3 CHANGES TO PROJECT MANUAL (Refer to HDK Consulting Addendum E-01)

.1 Communications

- .1 Section 08 27 10 05 Structured Cabling for Communications Systems, Para. 1.4
System Description: **REVISE** paragraph 1.4.3 to read as “Contractor is responsible to provide a complete audio/visual presentation, sound masking system, security monitor, intrusion alarm and access control system”.
- .2 Section 27 51 19 Sound Masking System:
 - .1 Para. 2.2.7: **DELETE** paragraph 2.2.7.2 in its entirety.
 - .2 Para. 2.2.8: **REVISE** to read as “Adaptive volume control adjustments in Room 503, 504 and 507.”
- .3 Section 28 16 00 Intrusion Detection
 - .1 Para. 2.1: **DELETE** paragraph 2.1.1.4, paragraph 2.1.1.5 and paragraph 2.1.1.6 in its entirety.
 - .2 **ADD** paragraph 2.1.1.7 to read “Acceptable product DSC Power series v4.6 PC1832, Keypad PFK5500 and other device complete with integration module to Kantech Access Control”.

1.4 APPROVAL OF PROPOSED PRODUCTS/SYSTEMS

.1 Electrical

- .1 Drawing E7 Luminaire Schedule:
 - .1 Metalumen, RM4DI-2L35K-4-M-M-W-L3-1-W-4 is acceptable equal for Type C1.
 - .2 Metalumen, RM4DI-2L35K-8-M-M-W-L3-1-W-4 is acceptable equal for Type C2.

END OF ADDENDUM NUMBER NO. 2

VAC Fit-Up – Phase 2

December 14, 2016

HDK Project No. 16110.00

Page 1 of 2

ADDENDUM NO. E-01

This Addendum is issued prior to Bid due date to revise the Bid/Contract Documents and as such is part of those documents; value of all items shall be included in Bid. After acceptance of Bid, claims for costs will not be considered by reason of failure by Bidder to have read Addenda.

Drawing and Detail Sheets issued with this Addendum:

Drawing T2R1, T3R1.1, T3R1.2, T3R1.3, T3R1.4 dated December 12, 2016, E4R4 dated December 13, 2016

1.1 REVISION TO ACCESS CONTROL PLANS

Reference: Drawing T2 and T3

1. Install relocated access control devices as indicated in part plan drawing T2R1 and T3R1.3.
2. Revise access control single line diagram. Refer to part plan drawing T3R1.1.
3. Revise intrusion alarm and video surveillance diagram. Refer to part plan drawing T3R1.2
4. Delete devices as indicated in part plan drawing T3R1.4.

1.2 REVISION TO SECURITY SPECIFICATION

Reference: SECTION 27 10 05

1. Para. 1.4 System Description - Revise paragraph 1.4.3 to read as "Contractor is responsible to provide a complete audio/video presentation, sound masking system, security monitor, intrusion alarm and access control system."

Reference: SECTION 28 16 00

1. Para. 2.1 Materials – Delete paragraph 2.1.1.4, paragraph 2.1.1.5 and paragraph 2.1.1.6 to its entirety.
2. Add paragraph 2.1.1.7 to read as "Acceptable product DSC Power series v4.6 PC1832, Keypad RFK5500 and other device complete with integration module to Kantech Access Control."

Reference: SECTION 27 51 19

1. Para. 2.2.7 – Sound masking acoustical performance – Delete paragraph 2.2.7.2 to its entirety.
2. Para. 2.2.8 Revise to read as "Adaptive volume control adjustments in room 503, 504 and 507."

1.3 REVISIONS TO ELECTRICAL

Reference: Drawing E3 Detail 2, Drawing E7 Detail 1

2. Replace existing panels 5W2 located in corridor (as indicated in detail 2/E3) with new 84 circuits panelboard and circuit breakers with electrical characteristics to match existing. Extend all branch circuits as required.
3. Provide new panel and feeder 5W3 as per detail 1/E7. Existing Main Switchboard is located in Basement Floor approximately at the intersection of gridlines C.5 & 7.

Reference: Drawing E7 Mechanical Equipment Schedule, Note 2

1. Note 2 remains unchanged. Electrical contractor to review mechanical documents for pricing estimate before submitting bid.

Reference: Drawing E2, Note 5

1. Revise Note 5 to read: "Provide adequate support for all lighting luminaires independently of ceiling"

Reference: Drawing E7, Detail Sheet-E4R4

1. Revise Emergency Lighting and Exit Signs as per detail sheet

Reference: Drawing E7, Emergency Lighting Battery Bank Schedule

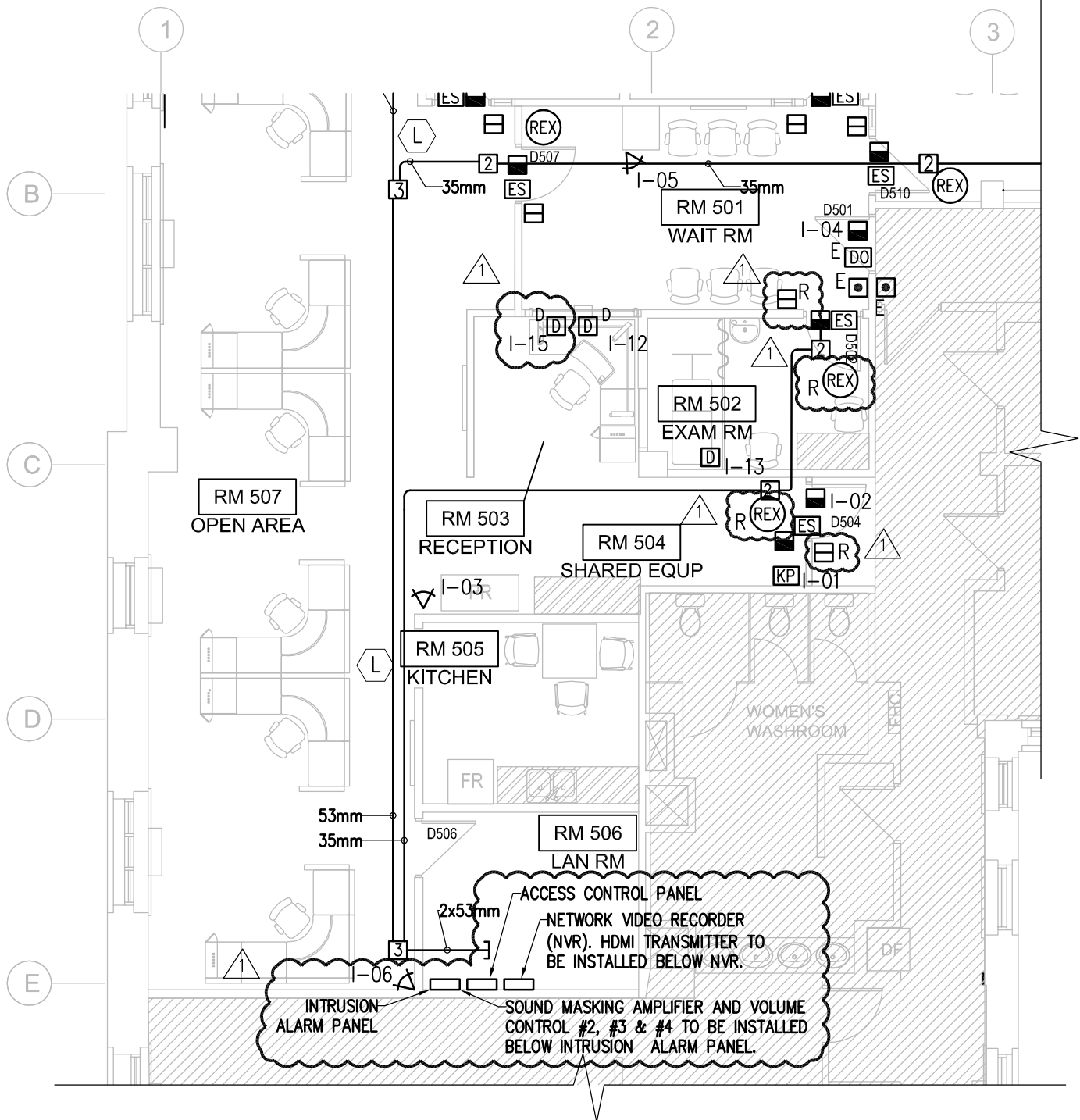
1. Revise battery unit as follows:
 - a. EB-1; Lumacell; RG12S-100-2-LD9-ATN-V-A; 5W3-9
2. Delete EB-2 and EB-3.
3. Delete note #3.

Reference: Drawing E7, Luminaire Schedule

1. Add luminaires to read as follows:
 - a. E-1: Lumacell; LER-450B6L-C860-UNIV; 5.5W LED; 120VAC-347VAC 6VDC-24VDC; Bilingual Egress Sign
 - b. E-2: Lumacell; LER-460B6L-C860-UNIV; 5.5W LED; 120VAC-347VAC 6VDC-24VDC; Bilingual Egress Sign

Reference: Drawing E1, Note 14

1. Delete General Note 14



2

ACCESS CONTROL & INTRUSION/DURESS ALARM PLAN

T2

1:100



Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

Drawing title

**ACCESS CONTROL &
INTRUSION/DURESS
ALARM PLAN**

Drawn by

IS

Designed by

JS

Approved by

KO

1 ISSUED WITH ADDENDUM #1

PWGSC Project Manager

April Reid

Project no.

R.080397.010

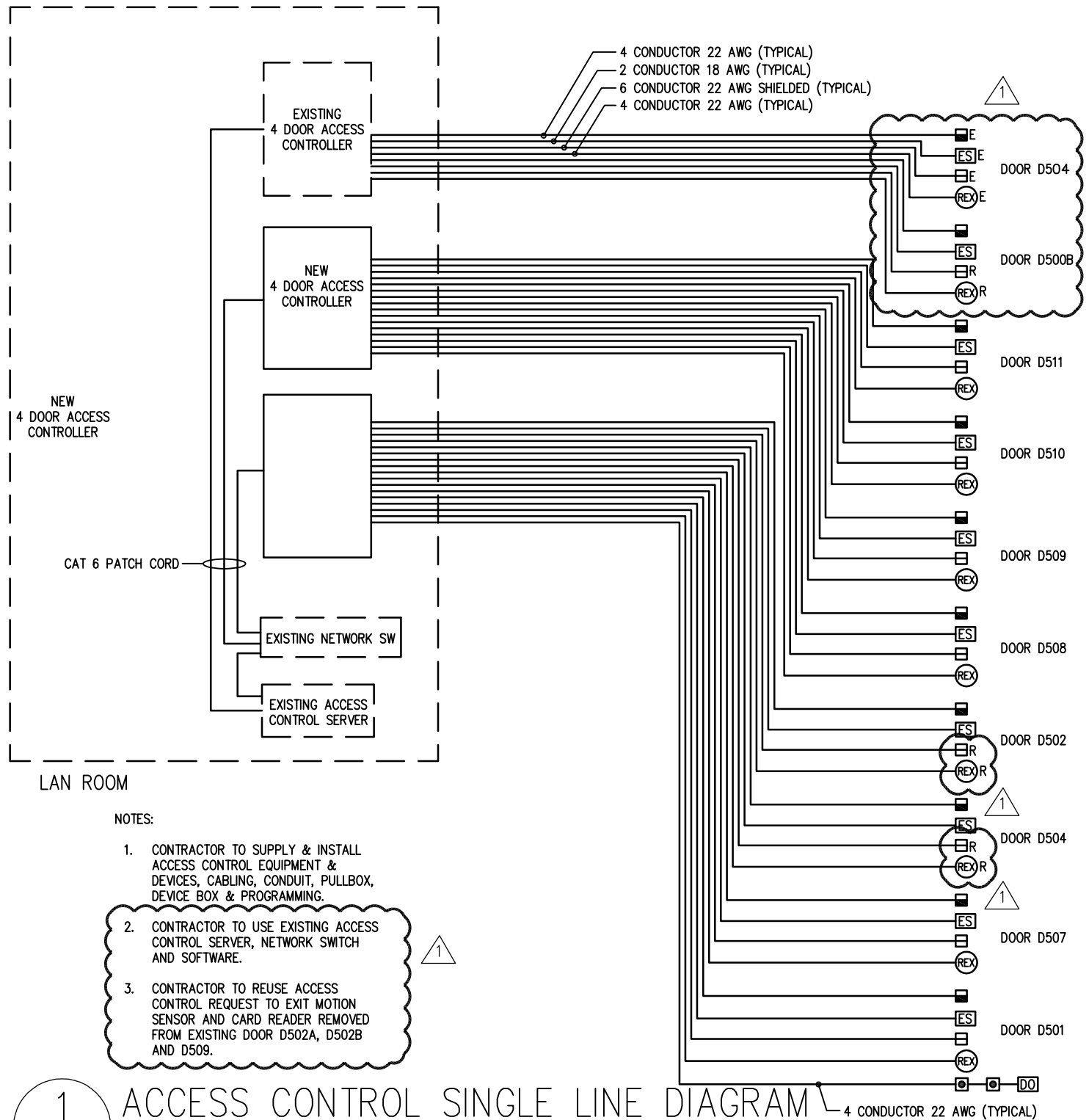
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Sheet

T2R1

Revision



1
T3

ACCESS CONTROL SINGLE LINE DIAGRAM

Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

Drawing title

**ACCESS CONTROL
SINGLE LINE DIAGRAM**

Drawn by

IS

Designed by

JS

Approved by

KO

PWGSC Project Manager

April Reid

Project no.

R.080397.010

Date

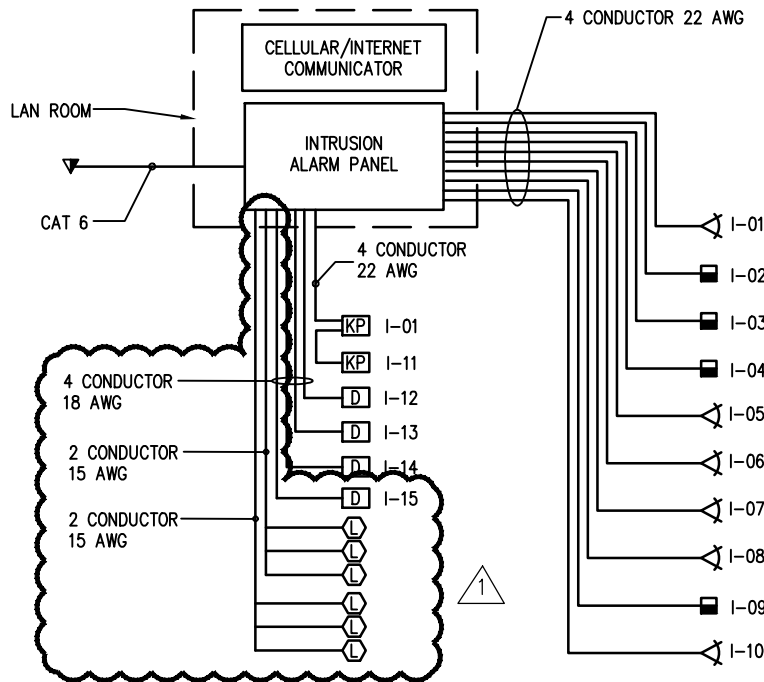
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Sheet

T3R1.1

Revision

1 ISSUED WITH ADDENDUM #1



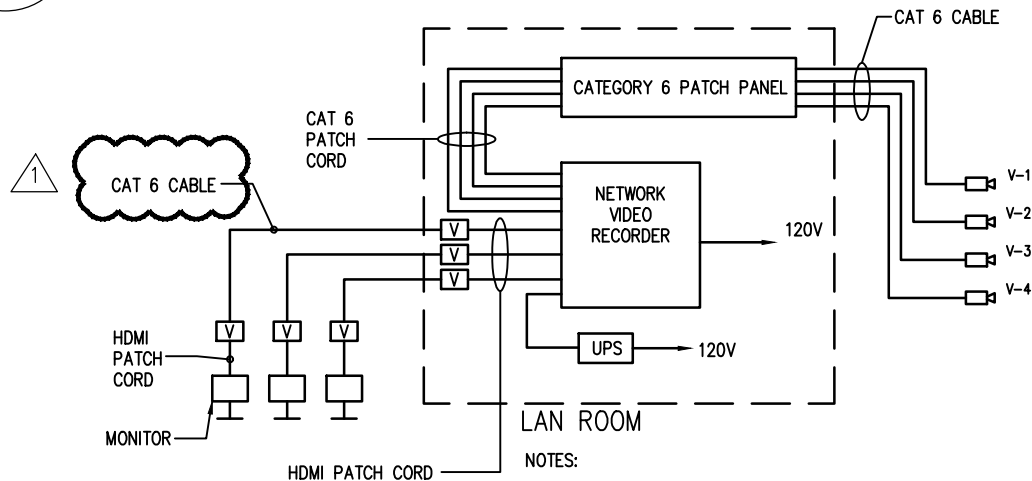
NOTES:

1. ALL INTRUSION ALARM CABLE TO BE INSTALLED IN CONDUIT. CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL CONDUIT, PULL BOX, DEVICE BOX, GROUNDING/BONDING, KEYPAD, ALARM PANELS, MODULE, DOOR CONTACT, MOTION SENSOR & PROGRAMMING.

2. CONTRACTOR TO INSTALL OWNER SUPPLIED DURESS BUTTON, PANIC STROBE LIGHT COLOUR BLUE (L1) AND LOCKDOWN STROBE LIGHT COLOUR AMBER (L2).

5 INTRUSION ALARM SINGLE LINE DIAGRAM

T3 NTS



NOTES:

1. CONTRACTOR TO INSTALL OWNER SUPPLIED CAMERA, NETWORK VIDEO RECORDER AND UPS.
2. CONTRACTOR TO SUPPLY & INSTALL CAT 6 CABLE, 120V POWER, CONDUIT, MONITORS, DEVICE BOX, PULL BOX, TESTING & PROGRAMMING, BONDING & GROUNDING.

6 VIDEO SURVEILLANCE SINGLE LINE DIAGRAM

T3 NTS

Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

Drawing title

**INTRUSION ALARM &
VIDEO SURVEILLANCE
SINGLE LINE DIAGRAMS**

Drawn by

IS

Designed by

JS

Approved by

KO

1 ISSUED WITH ADDENDUM #1

PWGSC Project Manager

April Reid

Project no.

R.080397.010

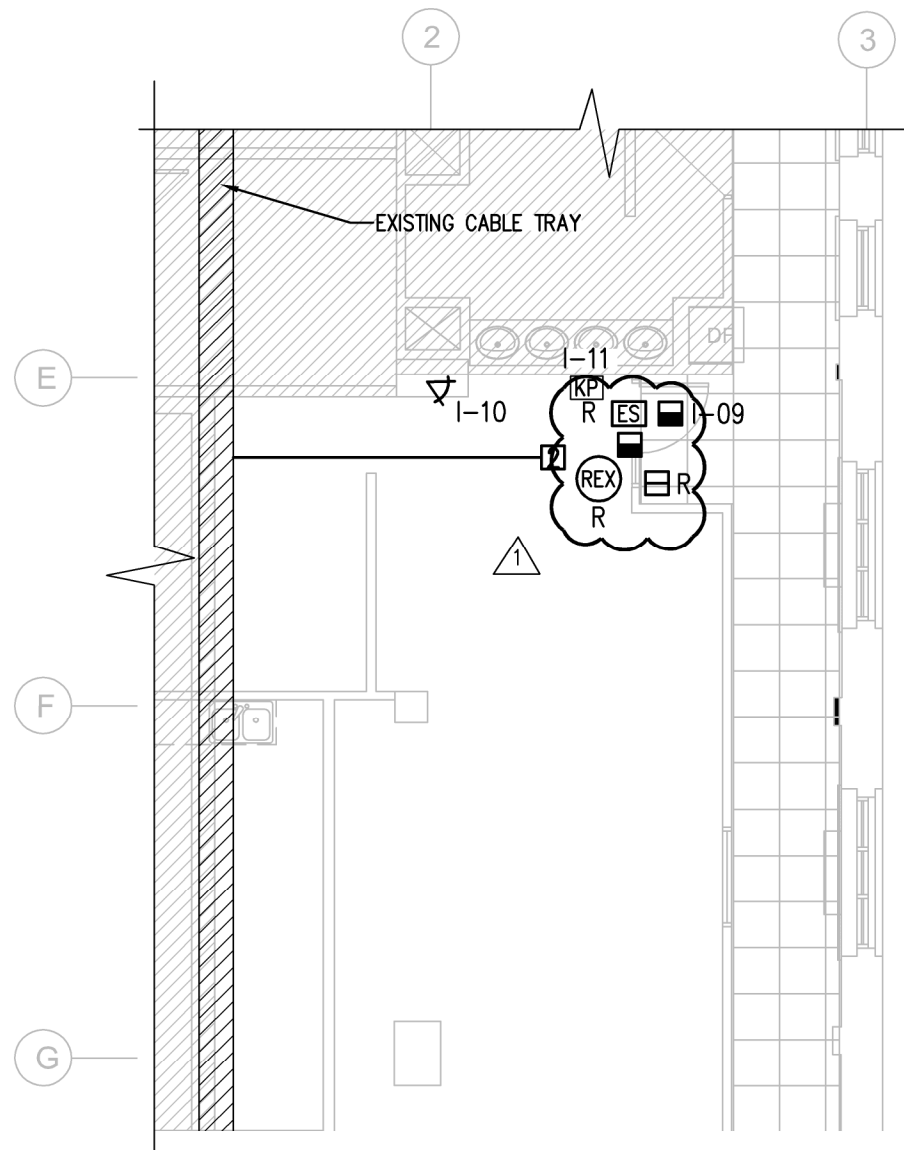
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T3R1.2

Revision



3
T3

ACCESS CONTROL & INTRUSION/DURESS ALARM NEW CONSTRUCTION PLAN

1:100

Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

Drawing title

**ACCESS CONTROL &
INTRUSION/DURESS
NEW CONSTRUCTION PLAN**

Drawn by

IS

Designed by

JS

Approved by

KO



ISSUED WITH ADDENDUM #1

PWGSC Project Manager

April Reid

Project no.

R.080397.010

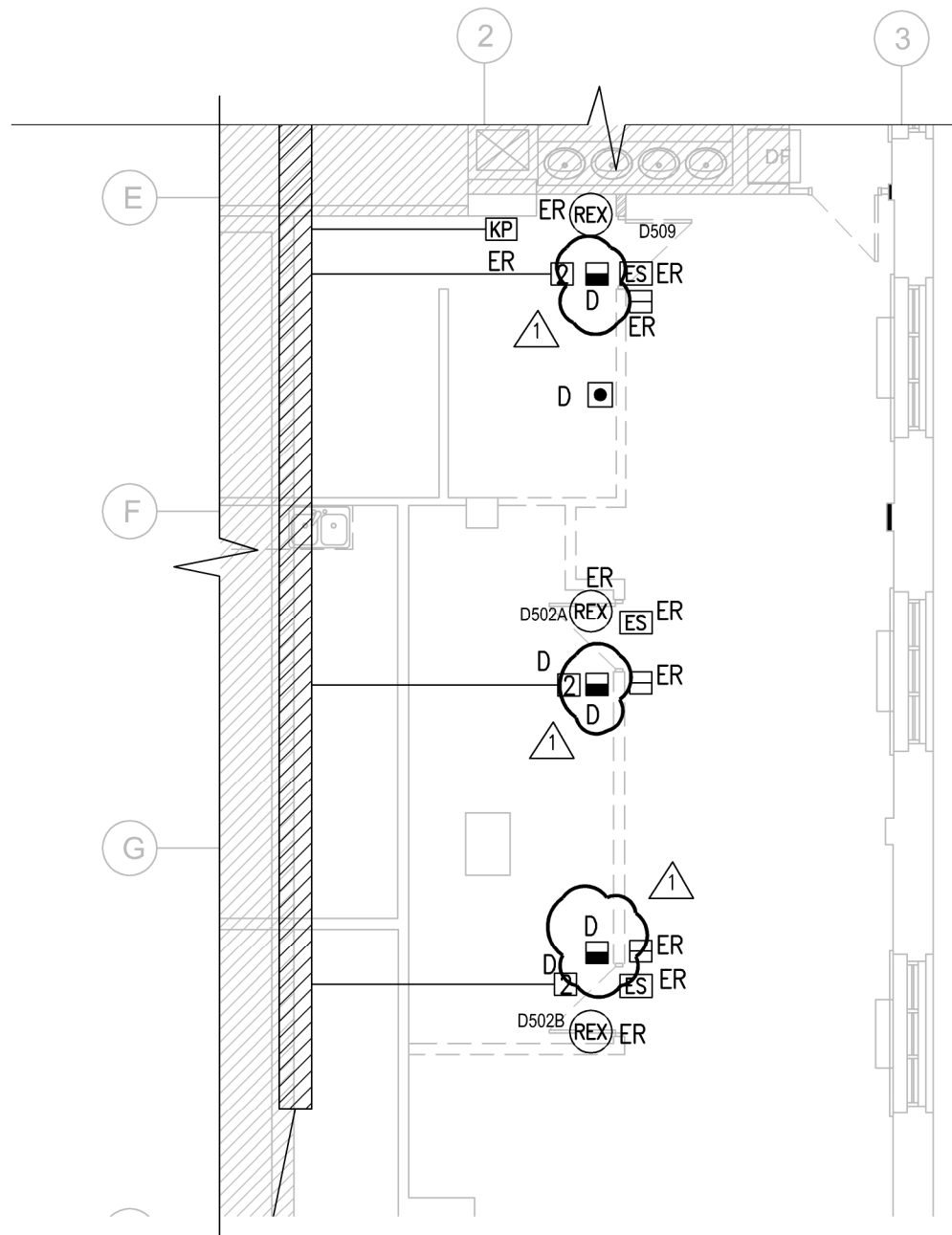
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T3R1.3

Revision



2
T3

ACCESS CONTROL & INTRUSION/DURESS ALARM DEMOLITION PLAN

1:100

Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

Drawing title

**ACCESS CONTROL
SINGLE LINE DIAGRAM**

Drawn by

IS

Designed by

JS

Approved by

KO

1 ISSUED WITH ADDENDUM #1

PWGSC Project Manager

April Reid

Project no.

R.080397.010

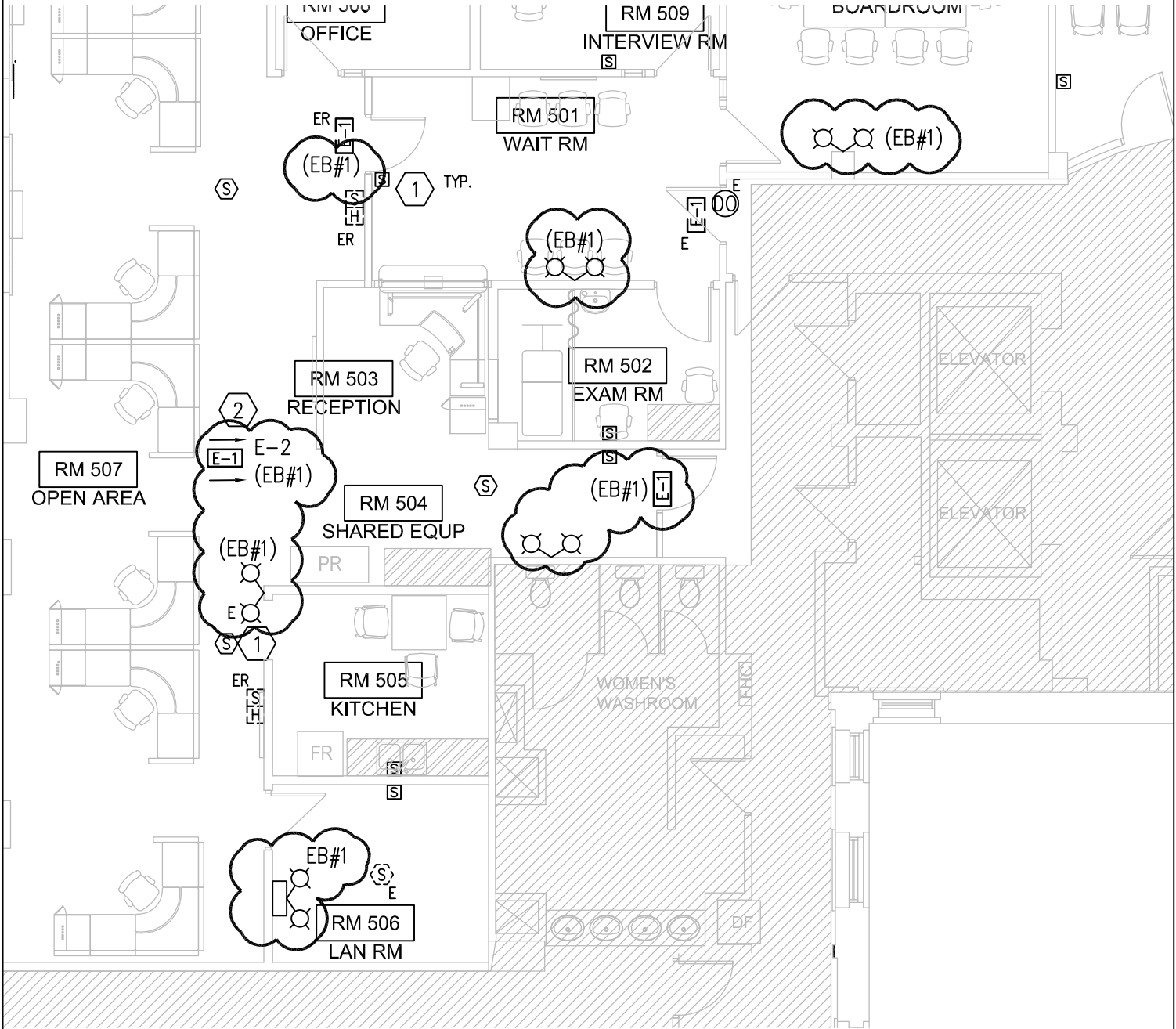
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T3R1.4

Revision



2

E4R4

LIFE SAFETY SYSTEMS RENOVATION PLAN

1:100

Project title

**VETERANS AFFAIRS CANADA
FIT-UP (VAC) - PHASE 2
Saskatoon, Saskatchewan**

 ISSUED WITH ADDENDUM #1

Drawing title

**LIFE SAFETY SYSTEMS
RENOVATION PLAN**

Drawn by

RD

PWGSC Project Manager

April Reid

Designed by

PL

Project no.

R.080397.010

Approved by

HCC

Date

2016-12-13

Sheet

E4R4

Revision