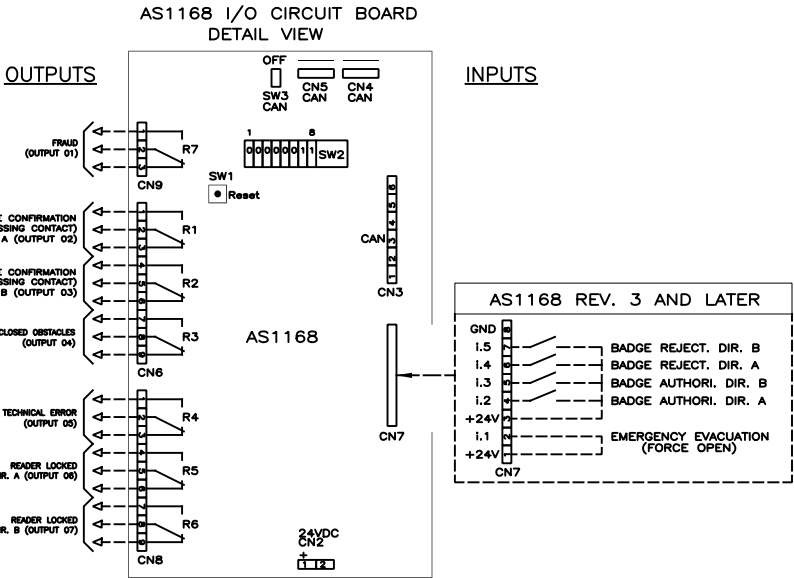
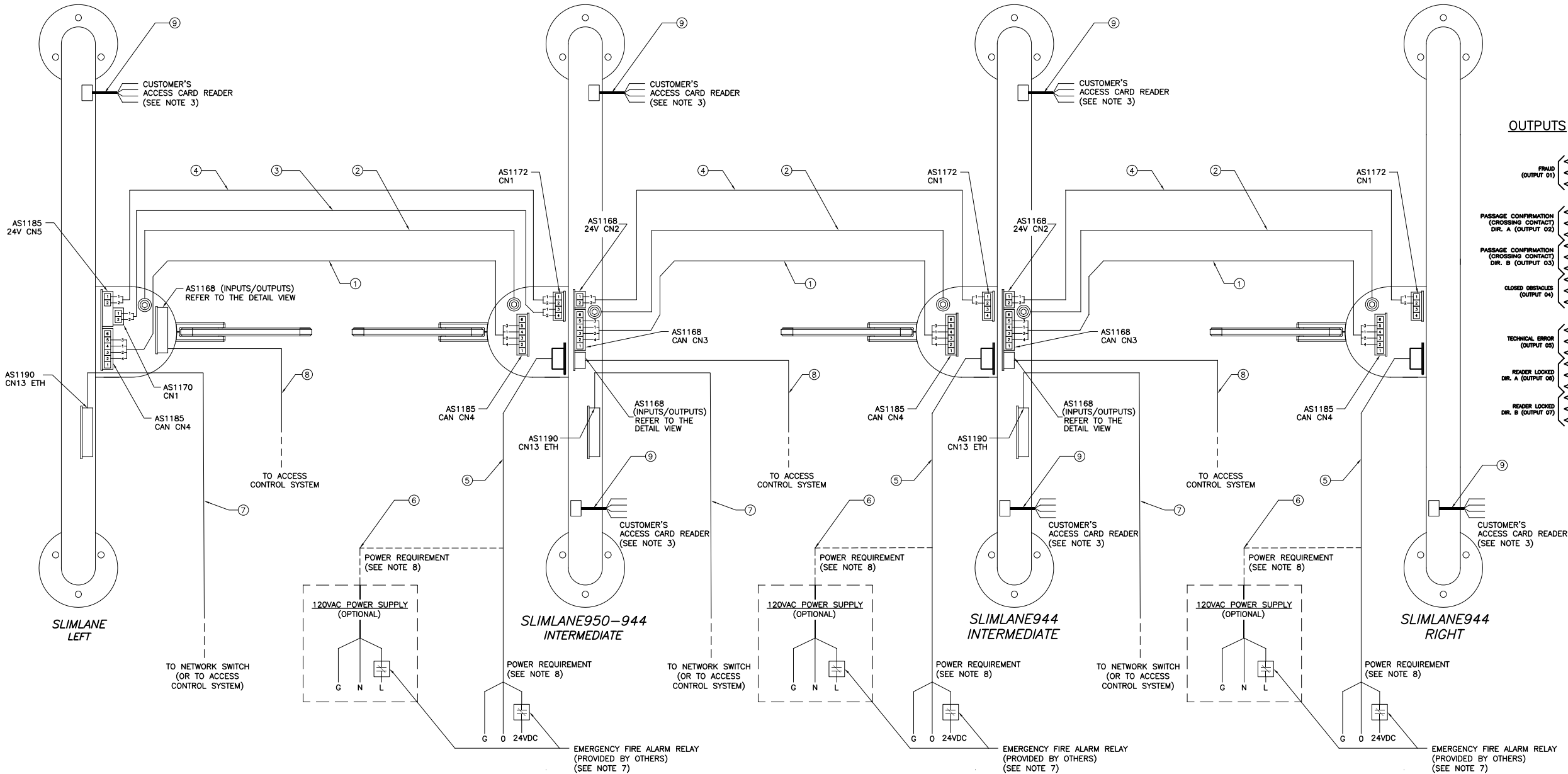


ELECTRICAL CONNECTIONS

| # | DESCRIPTION                                                                            | SUPPLIER   | CONDUIT I.D. |
|---|----------------------------------------------------------------------------------------|------------|--------------|
| 1 | "W25" LOW VOLTAGE CABLE, 4 COND.(2 PAIRS), 24 AWG, SHIELDED, 1/4"DIA. X 9.8FT (NOTE 1) | ASA        | "C" CONDUIT  |
| 2 | "W10" GROUND CABLE, 1 COND., 14 AWG, 9/64"DIA. X 6.5FT (NOTE 1)                        | ASA        | "C" CONDUIT  |
| 3 | "W14" LOW VOLTAGE CABLE, 2 COND., 18 AWG SHIELDED, 1/4" DIA. X 9.8FT (NOTE 1)          | ASA        | "C" CONDUIT  |
| 4 | "W13" LOW VOLTAGE CABLE, 2 COND., 18 AWG SHIELDED, 1/4" DIA. X 9.8FT (NOTE 1)          | ASA        | "C" CONDUIT  |
| 5 | POWER CABLE, 3 COND. 12GA, MAX LENGTH : 100' (NOTE 1 & NOTE 2)                         | CUSTOMER   | "A" CONDUIT  |
| 6 | POWER CABLE, 3 COND. 12GA, (IF 120V OPTION SELECTED) (NOTE 2)                          | CUSTOMER   | "A" CONDUIT  |
| 7 | ETHERNET CABLE, CAT 6                                                                  | CUST./OPT. | "B" CONDUIT  |
| 8 | I/O CABLE (SEE NOTE 5)                                                                 | CUSTOMER   | "B" CONDUIT  |
| 9 | ACCESS CARD READER CABLE (DEPENDS ON SELECTED READER)                                  | CUSTOMER   | "B" CONDUIT  |



NOTE 1: IF THE INSTALLATION REQUIRES LONGER CABLES, PLEASE CONTACT AUTOMATIC-SYSTEMS FOR SUPPORT.

NOTE 2: AS A REFERENCE ONLY. ALL LOCAL STANDARDS AND LAWS AS TO BE FOLLOWED AND RESPECTED.

NOTE 3: THE ACCESS CARD READER IS USUALLY INSTALLED ON THE RIGHT-SIDE UNIT, IN RELATION TO PASSAGE DIRECTION.

NOTE 4: ALL INPUTS ARE NORMALLY OPENED, EXCEPT FOR THE FORCE OPEN CONTACT INPUT.

NOTE 5: THE NUMBER OF CONDUCTORS AND WIRE GAUGES REQUIRED IS DETERMINED BY THE CUSTOMER AND DEPENDS ON THE INPUTS AND OUTPUTS REQUIRED. PLEASE REFER TO THE AS1168 DETAIL VIEW.

NOTE 6: FOR THE DETAILED ELECTRICAL DIAGRAM, PLEASE REFER TO THE DRAWING: NAM-SLIM-EL-13-BI & NAM-SLIM-EL-14-BI.

NOTE 7: FOR NON-FIRE EMERGENCIES, THE FORCE OPEN CONTACT ON THE AS1168 BOARD MAY BE USED TO HOLD OPEN THE LANE (INSTEAD OF CUTTING POWER). IT IS THE INTEGRATOR/CUSTOMER'S RESPONSIBILITY TO MAKE SURE A SOFTWARE TRIGGERED LANE OPENING RESPECTS LOCAL STANDARDS AND LAWS.

NOTE 8: POWER REQUIREMENT: FOR STANDARD 24VDC UNITS: 15 A  
FOR OPTIONAL 120VAC UNITS: 6 A

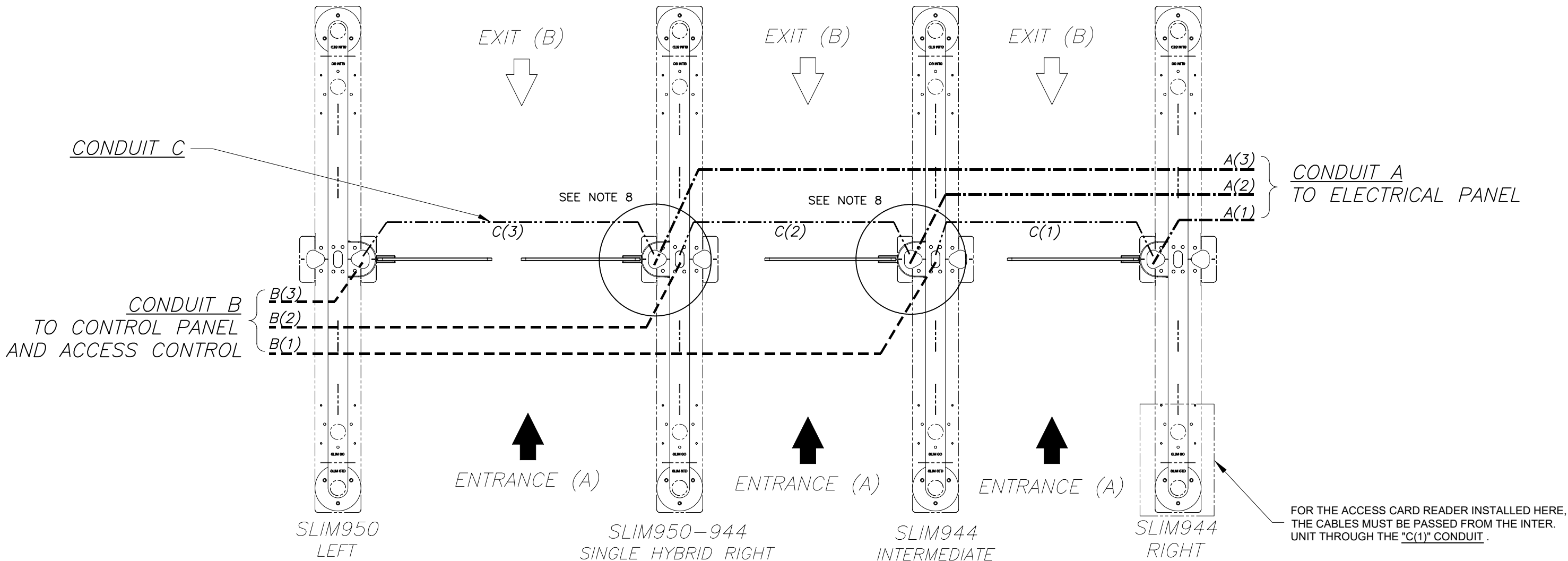
AUTOMATIC SYSTEMS MAKES NO REPRESENTATION AS TO THE PROPER POSITIONING OF THE SECURITY ENTRANCE LANES AT THE INSTALLATION LOCATION. ESTABLISHING THE LAYOUT AND PLACEMENT OF THE UNIT(S) AND DETERMINING COMPLIANCE WITH THE APPLICABLE BUILDING CODES, OTHER CODES, LAWS AND REGULATIONS IS THE SOLE RESPONSIBILITY OF THE PURCHASER. INSTALLATION MUST BE PERFORMED BY A QUALIFIED INSTALLER FOLLOWING MANUFACTURER'S INSTRUCTIONS, OTHERWISE AUTOMATIC SYSTEMS' WARRANTIES MAY BE VOID.

|                                                                                                                                                                                                                                 |              |                      |  |                                                   |  |                                                                                       |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|--|---------------------------------------------------|--|---------------------------------------------------------------------------------------|--------------|
| MATÉRIAU/MATERIAL                                                                                                                                                                                                               |              | FICHIER<br>FILENAME  |  | NAM-SLIM-EL-12-EN.DWG                             |  |  |              |
| FABRICATION                                                                                                                                                                                                                     |              | TRAITEMENT/TREATMENT |  | EBARBER LES ARÊTES VIVES<br>BREAK ALL SHARP EDGES |  |                                                                                       |              |
| Nb./App.                                                                                                                                                                                                                        | POIDS/WEIGHT | SURFACE              |  | FINI/FINISH                                       |  |                                                                                       |              |
| LES INFORMATIONS CONTENUES SUR LES DESSINS DE ASA Inc. SONT<br>CONFIDENTIELLES ET SONT LA PROPRIÉTÉ DE ASA Inc. TOUTES<br>REPRODUCTIONS, DISTRIBUTIONS OU UTILISATIONS SONT INTERDITES<br>SANS LA PERMISSION ÉCRITE DE ASA Inc. |              |                      |  |                                                   |  | METRIC                                                                                |              |
|                                                                                                                                                                                                                                 |              |                      |  |                                                   |  | X/X ±1/32"                                                                            | X ±1mm       |
|                                                                                                                                                                                                                                 |              |                      |  |                                                   |  | X.X ±0.030"                                                                           | X.X ±0.5mm   |
|                                                                                                                                                                                                                                 |              |                      |  |                                                   |  | X.XX ±0.015"                                                                          | X.XX ±0.05mm |
| X.XXX ±0.005"                                                                                                                                                                                                                   |              |                      |  |                                                   |  |                                                                                       |              |
| ANGLES                                                                                                                                                                                                                          |              |                      |  |                                                   |  | ± 1/2 °                                                                               |              |
| INFORMATION DISCLOSED HERE IS CONFIDENTIAL AND IS THE PROPERTY<br>OF ASA Inc., ANY REPRODUCTION, DISTRIBUTION OR USE IS PROHIBITED<br>WITHOUT A WRITTEN CONSENT BY ASA Inc.                                                     |              |                      |  |                                                   |  | SAUF SI INDICUÉS<br>UNLESS OTHERWISE NOTED                                            |              |

|                                                             |             |                                                                                       |                    |                    |            |
|-------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|--------------------|--------------------|------------|
| DIMENSIONS                                                  | FORMAT<br>B |  |                    |                    |            |
| TITRE<br>SLIMLANE 950/944                                   |             |                                                                                       |                    |                    |            |
| TITLE<br>GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT |             |                                                                                       |                    |                    |            |
| DESSINÉ PAR<br>DRAWN BY                                     | SOS         | ÉCHELLE/SCALE<br>N/A                                                                  | DATE<br>2014/06/14 | FEUILLE/SHEET<br>1 | DE/OF<br>4 |
| VERIFIÉ PAR<br>CHECKED BY                                   | -           | No. DESSIN/DWG. No.<br>NAM-SLIM-EL-12-EN                                              |                    |                    | REV.<br>F  |



CONDUITS LAYOUT FOR VARIOUS UNITS



NOTES:

- 1- THE NUMBER OF UNITS AND LANES MAY VARY DEPENDING ON CUSTOMER REQUIREMENTS, REFER TO THE SPECIFIC SIGNED LAYOUT DRAWINGS TO ADJUST THE NUMBER OF CONDUITS ACCORDINGLY.
- 2- ALL WIRING AND CONDUITS MUST MEET OR EXCEED LOCAL STANDARDS AND CODES. THEY MUST BE INSTALLED BY A CERTIFIED TECHNICIAN.
- 3- 10 FEET OF CABLE RUN MUST BE LEFT UNBURIED.
- 4- INSTALLATION OF A PULLING LINE BETWEEN EACH GATE IS RECOMMENDED.
- 5- UNITS MUST BE SECURED/ANCHORED TO THE STRUCTURAL FLOOR WITH THE PROVIDED HARDWARE PRIOR TO USE.
- 6- CONDUITS SHALL BE BURIED AT LEAST 5 INCHES BELOW THE FINISHED FLOOR SURFACE TO AVOID CONTACT WITH THE ANCHORS (WHICH ARE EMBEDDED AT A MINIMUM OF 2-3/4" DEEP).

7- CONDUIT DETAILS:

- CONDUIT A- USE : POWER CABLE (COMING FROM THE ELECTRICAL PANEL).  
SIZE : 3/4" SCH.40 PVC (OR OTHER WITH EQUIVALENT EXTERNAL DIAMETER).  
NOTE: SEPARATE POWER FEEDS ARE NECESSARY FOR EACH RIGHT AND INTERMEDIATE UNITS (CABLES SUPPLIED BY CUSTOMER).
- CONDUIT B- USE : CONTROL PANEL AND ACCESS CONTROL. (READERS, BIOMETRIC ETC...) CABLES.  
SIZE : 3/4" SCH.40 PVC (OR OTHER WITH EQUIVALENT EXTERNAL DIAMETER).  
NOTE: CONDUIT TO EACH LEFT AND INTERMEDIATE UNITS. LOW VOLTAGE CABLES ONLY (CABLES SUPPLIED BY CUSTOMER, IF APPLICABLE).
- CONDUIT C- USE: LOW VOLTAGE INTERCONNECTION CABLES.  
SIZE : 3/4" SCH.40 PVC (OR OTHER WITH EQUIVALENT EXTERNAL DIAMETER).  
NOTE: 1 CONDUIT PER LANE (CABLES SUPPLIED BY ASA).

8- CONDUITS MUST BE TERMINATED UNDER THE FLOOR SURFACE SINCE THE ENTRY AREA HAS VERY LIMITED SPACE (SEE DETAIL A ON NEXT PAGE).

AUTOMATIC SYSTEMS MAKES NO REPRESENTATION AS TO THE PROPER POSITIONING OF THE SECURITY ENTRANCE LANES AT THE INSTALLATION LOCATION. ESTABLISHING THE LAYOUT AND PLACEMENT OF THE UNIT(S) AND DETERMINING COMPLIANCE WITH THE APPLICABLE BUILDING CODES, OTHER CODES, LAWS AND REGULATIONS IS THE SOLE RESPONSIBILITY OF THE PURCHASER. INSTALLATION MUST BE PERFORMED BY A QUALIFIED INSTALLER FOLLOWING MANUFACTURER'S INSTRUCTIONS, OTHERWISE AUTOMATIC SYSTEMS' WARRANTIES MAY BE VOID.

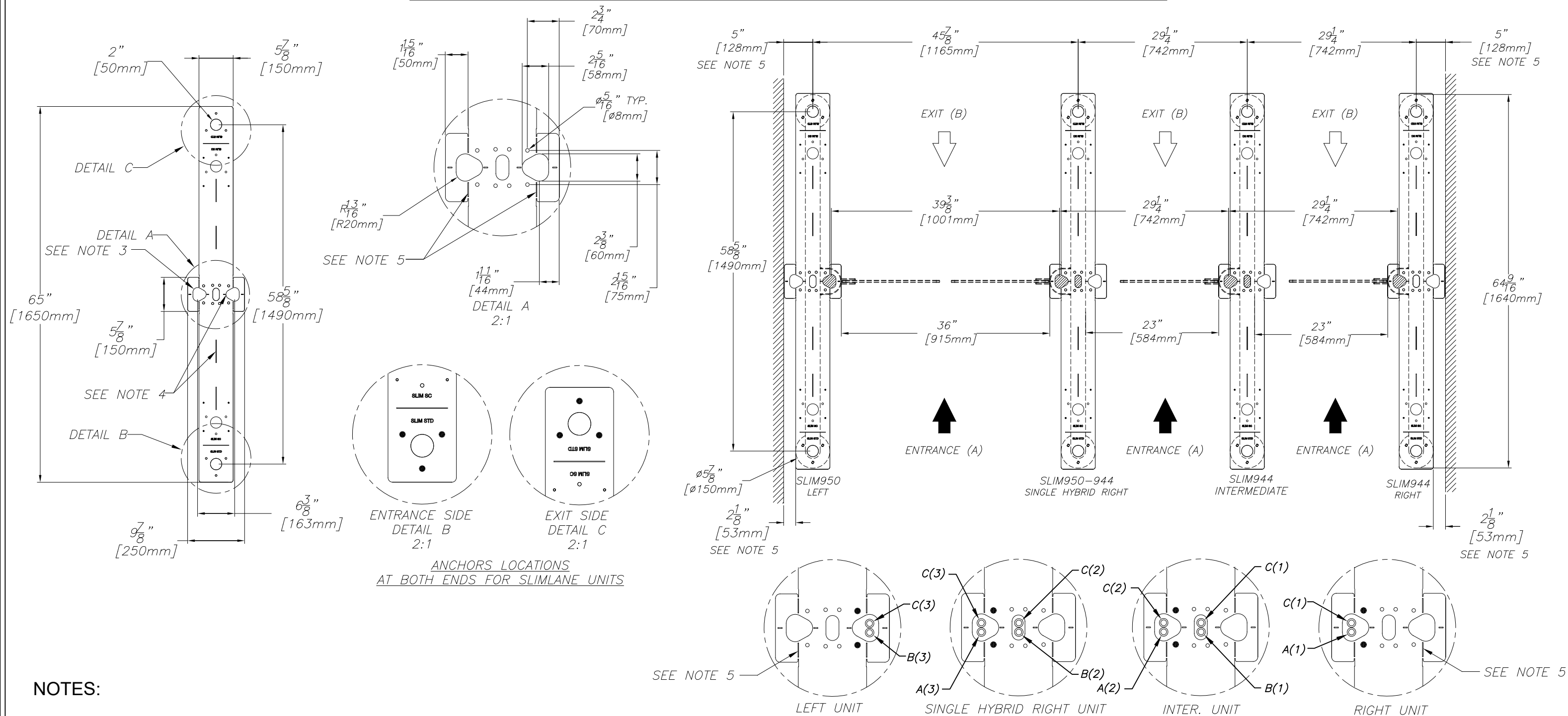
|                                                                                                                                                                                                                                 |              |                      |             |                                                   |                                            |                  |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|-------------|---------------------------------------------------|--------------------------------------------|------------------|---------------------------------------------------------------------------------------|
| MATÉRIAU/MATERIAL                                                                                                                                                                                                               |              | FICHIER<br>FILENAME  |             |                                                   | NAM-SLIM-EL-12-EN.DWG                      |                  |  |
| FABRICATION                                                                                                                                                                                                                     |              | TRAITEMENT/TREATMENT |             | EBARBER LES ARÊTES VIVES<br>BREAK ALL SHARP EDGES |                                            |                  |                                                                                       |
| Nb./App.                                                                                                                                                                                                                        | POIDS/WEIGHT | SURFACE              | FINI/FINISH |                                                   | IMPERIAL<br>X/X ±1/32"                     | METRIC<br>X ±1mm |                                                                                       |
| LES INFORMATIONS CONTENUES SUR LES DESSINS DE ASA Inc. SONT<br>CONFIDENTIELLES ET SONT LA PROPRIÉTÉ DE ASA Inc. TOUTES<br>REPRODUCTIONS, DISTRIBUTIONS OU UTILISATIONS SONT INTERDITES<br>SANS LA PERMISSION ÉCRITE DE ASA Inc. |              |                      |             |                                                   | X.X ±0.030"                                | X.X ±0.5mm       |                                                                                       |
|                                                                                                                                                                                                                                 |              |                      |             |                                                   | X.XX ±0.015"                               | X.XX ±0.05mm     |                                                                                       |
|                                                                                                                                                                                                                                 |              |                      |             |                                                   | X.XXX ±0.005"                              |                  |                                                                                       |
| INFORMATION DISCLOSED HERE IS CONFIDENTIAL AND IS THE PROPERTY<br>OF ASA Inc., ANY REPRODUCTION, DISTRIBUTION OR USE IS PROHIBITED<br>WITHOUT A WRITTEN CONSENT BY ASA Inc.                                                     |              |                      |             |                                                   | ANGLES                                     | ± 1/2 °          |                                                                                       |
|                                                                                                                                                                                                                                 |              |                      |             |                                                   | SAUF SI INDICUÉS<br>UNLESS OTHERWISE NOTED |                  |                                                                                       |



- CONDUIT A - - - - -
- CONDUIT B - - - - -
- CONDUIT C - - - - -

|                                                          |                     |                                    |               |
|----------------------------------------------------------|---------------------|------------------------------------|---------------|
| F                                                        | 2022/02/10          | MINOR IMPROVEMENTS AND CORRECTIONS | WDI/CLA       |
| REV.                                                     | DATE                | MODIFICATIONS/CHANGES              | PAR/BY        |
|                                                          |                     |                                    |               |
| TITRE SLIMLANE SL950/944                                 |                     |                                    |               |
| TITRE GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT |                     |                                    |               |
| DESSINÉ PAR                                              | ÉCHELLE/SCALE       | DATE                               | FEUILLE/SHEET |
| DRAWN BY                                                 | SOS                 | N/A                                | 2014/06/14    |
| VERIFIÉ PAR                                              | No. DESSIN/DWG. No. | REV.                               | F             |
| CHECKED BY                                               | -                   | NAM-SLIM-EL-12-EN                  |               |

# SLIMLANE TEMPLATE POSITIONING LAYOUT



NOTES:

- 1- THE NUMBER OF UNITS AND LANES MAY VARY DEPENDING ON CUSTOMER REQUIREMENTS. REFER TO THE SPECIFIC SIGNED LAYOUT DRAWINGS FOR FINAL POSITIONING OF THE TEMPLATES.
- 2- FIXED TO FLOOR WITH CHEMICAL ANCHORS, DRILL  $\varnothing 1/2"$  X 2-3/4" DEEP. ANCHORS PROVIDED BY ASA, CHEMICAL ADHESIVE TO BE SUPPLIED BY CUSTOMER.
- 3- HATCHED AREAS SHOW CONDUIT ENTRY ZONES.
- 4- LINEAR CUTOUTS TO HELP ALIGN TEMPLATE ON CHALK LINE.
- 5- FOLD AND BREAK TEMPLATE WHERE INDICATED TO INSTALL UNIT CLOSER TO THE WALL.

AUTOMATIC SYSTEMS MAKES NO REPRESENTATION AS TO THE PROPER POSITIONING OF THE SECURITY ENTRANCE LUNES AT THE INSTALLATION LOCATION. ESTABLISHING THE LAYOUT AND PLACEMENT OF THE UNIT(S) AND DETERMINING COMPLIANCE WITH THE APPLICABLE BUILDING CODES, OTHER CODES, LAWS AND REGULATIONS IS THE SOLE RESPONSIBILITY OF THE PURCHASER. INSTALLATION MUST BE PERFORMED BY A QUALIFIED INSTALLER FOLLOWING MANUFACTURER'S INSTRUCTIONS, OTHERWISE AUTOMATIC SYSTEMS' WARRANTIES MAY BE VOID.

LES INFORMATIONS CONTENUES SUR LES DESSINS DE ASA Inc. SONT  
CONFIDENTIELLES ET SONT LA PROPRIÉTÉ DE ASA Inc. TOUTES  
REPRODUCTIONS, DISTRIBUTIONS OU UTILISATIONS SONT INTERDITES  
SANS LA PERMISSION ÉCRITE DE ASA Inc.

---

INFORMATION DISCLOSED HERE IS CONFIDENTIAL AND IS THE PROPERTY  
OF ASA Inc., ANY REPRODUCTION, DISTRIBUTION OR USE IS PROHIBITED  
WITHOUT A WRITTEN CONSENT BY ASA Inc.

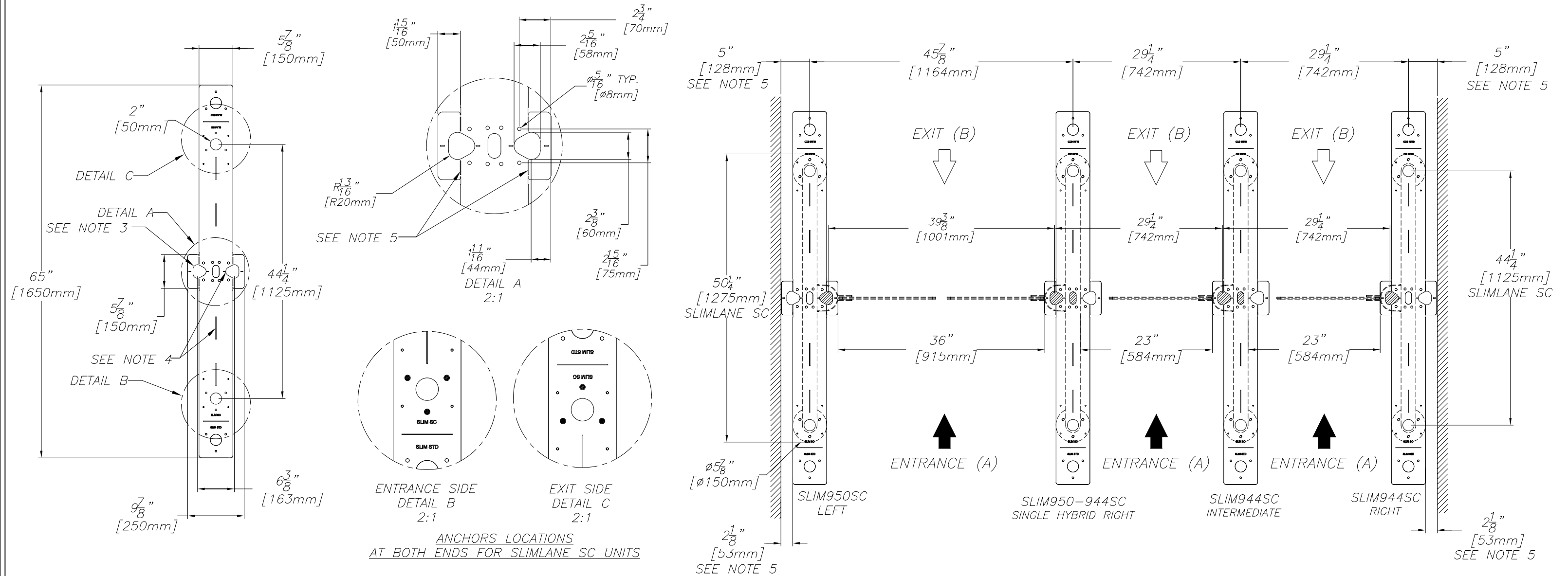
| IMPERIAL            | METRIC                   |
|---------------------|--------------------------|
| X/X $\pm 1/32''$    | X $\pm 1\text{mm}$       |
| X.X $\pm 0.030''$   | X.X $\pm 0.5\text{mm}$   |
| X.XX $\pm 0.015''$  | X.XX $\pm 0.05\text{mm}$ |
| X.XXX $\pm 0.005''$ |                          |
| ANGLES              | $\pm 1/2^\circ$          |

SAUF SI INDiquÉS  
UNLESS OTHERWISE NOTED

|                                                                                    |             |                                                                                       |                    |                       |            |
|------------------------------------------------------------------------------------|-------------|---------------------------------------------------------------------------------------|--------------------|-----------------------|------------|
| DIMENSIONS                                                                         | FORMAT<br>B | REV.                                                                                  | DATE               | MISE À JOUR / CHANGES | PROJ. CH.  |
|                                                                                    |             |  |                    |                       |            |
| TITRE SLIMLANE 950/944<br>TITLE GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT |             |                                                                                       |                    |                       |            |
| DESSINÉ PAR<br>DRAWN BY                                                            | SOS         | ÉCHELLE/SCALE<br>N/A                                                                  | DATE<br>2014/06/14 | FEUILLE/SHEET<br>3    | DE/OF<br>4 |
| VÉRIFIÉ PAR<br>CHECKED BY                                                          | —           | No. DESSIN/DWG. No.<br>NAM-SLIM-EL-12-EN                                              |                    |                       | REV.<br>F  |

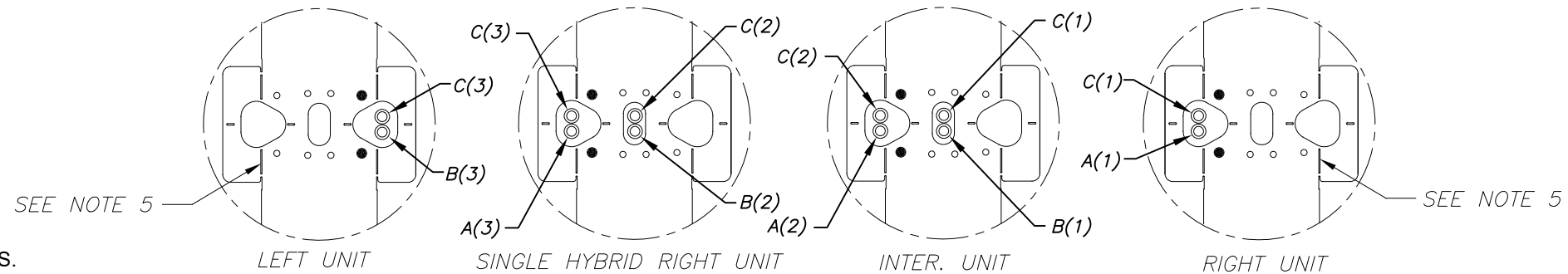
### ANCHORS & CONDUITS LOCATION ACCORDING TO THE UNIT TYPE

# SLIMLANE SC (SHORT) TEMPLATE POSITIONING LAYOUT



NOTES:

- 1- THE NUMBER OF UNITS AND LANES MAY VARY DEPENDING ON CUSTOMER REQUIREMENTS. REFER TO THE SPECIFIC SIGNED LAYOUT DRAWINGS FOR FINAL POSITIONING OF THE TEMPLATES.
- 2- FIXED TO FLOOR WITH CHEMICAL ANCHORS, DRILL  $\varnothing 1/2"$  X 2-3/4" DEEP. ANCHORS PROVIDED BY ASA, CHEMICAL ADHESIVE TO BE SUPPLIED BY CUSTOMER.
- 3- HATCHED AREAS SHOW CONDUIT ENTRY ZONES.
- 4- LINEAR CUTOUTS TO HELP ALIGN TEMPLATE ON CHALK LINE.
- 5- FOLD AND BREAK TEMPLATE WHERE INDICATED TO INSTALL UNIT CLOSER TO THE WALL.



### ANCHORS & CONDUITS LOCATION ACCORDING TO THE UNIT TYPE

|                   |  |                      |  |                                                   |  |                                                                                       |  |                                            |  |                  |  |                                                                                                                                          |  |  |  |
|-------------------|--|----------------------|--|---------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------|--|------------------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| MATÉRIAU/MATERIAL |  | FICHIER<br>FILENAME  |  | NAM-SLIM-EL-12-EN.DWG                             |  |  |  | DIMENSIONS                                 |  | FORMAT           |  |                                                     |  |  |  |
| FABRICATION       |  | TRAITEMENT/TREATMENT |  | EBARBER LES ARÊTES VIVES<br>BREAK ALL SHARP EDGES |  |                                                                                       |  |                                            |  | B                |  |                                                                                                                                          |  |  |  |
| Nb./App.          |  | POIDS/WEIGHT         |  | SURFACE                                           |  | FINI/FINISH                                                                           |  | IMPERIAL<br>X/X ±1/32"                     |  | METRIC<br>X ±1mm |  | <div> <div>TITRE</div> <div>SLIMLANE 950/944</div> <div>TITRE</div> <div>GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT</div> </div> |  |  |  |
|                   |  |                      |  |                                                   |  |                                                                                       |  | X.X ±0.030"                                |  | X.X ±0.5mm       |  |                                                                                                                                          |  |  |  |
|                   |  |                      |  |                                                   |  |                                                                                       |  | X.XX ±0.015"                               |  | X.XX ±0.05mm     |  |                                                                                                                                          |  |  |  |
|                   |  |                      |  |                                                   |  |                                                                                       |  | X.XXX ±0.005"                              |  |                  |  |                                                                                                                                          |  |  |  |
|                   |  |                      |  |                                                   |  |                                                                                       |  | ANGLES ± 1/2°                              |  |                  |  |                                                                                                                                          |  |  |  |
|                   |  |                      |  |                                                   |  |                                                                                       |  | SAUF SI INDIQUÉS<br>UNLESS OTHERWISE NOTED |  |                  |  |                                                                                                                                          |  |  |  |

LES INFORMATIONS CONTENUES SUR LES DESSINS DE ASA Inc. SONT CONFIDENTIELLES ET SONT LA PROPRIÉTÉ DE ASA Inc. TOUTES REPRODUCTIONS, DISTRIBUTIONS OU UTILISATIONS SONT INTERDITES SANS LA PERMISSION ÉCRITE DE ASA Inc.

INFORMATION DISCLOSED HERE IS CONFIDENTIAL AND IS THE PROPERTY OF ASA Inc., ANY REPRODUCTION, DISTRIBUTION OR USE IS PROHIBITED WITHOUT A WRITTEN CONSENT BY ASA Inc.

DESSINÉ PAR

DRAWN BY

SOS

ÉCHELLE/SCALE

N/A

DATE

2014/06/14

FEUILLE/SHEET

4

DE/OF

4

VÉRIFIÉ PAR

CHECKED BY

-

No. DESSIN/DWG. No.

NAM-SLIM-EL-12-EN

REV.

F