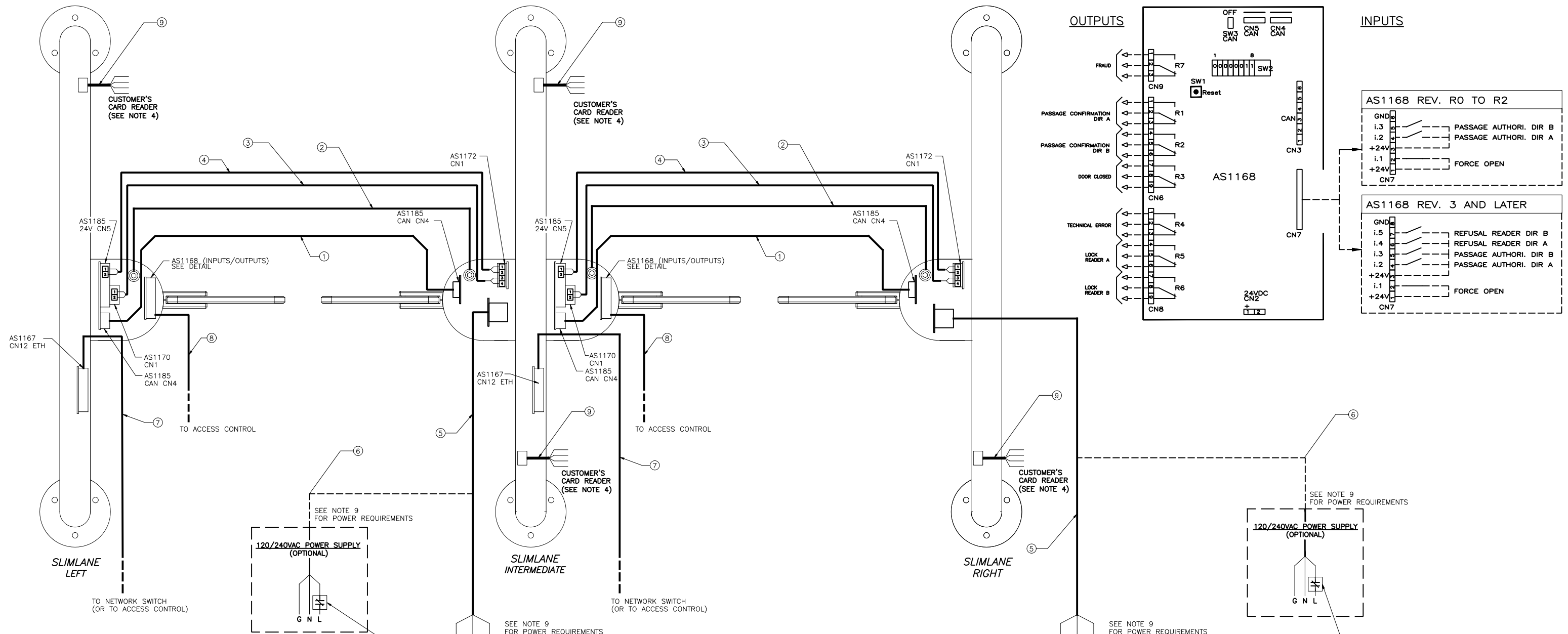


ELECTRICAL CONNECTIONS



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

- NOTE 1: IF THE INSTALLATION REQUIRES LONGER CABLES, PLEASE CONTACT AUTOMATIC SYSTEMS.
 NOTE 2: AS A REFERENCE ONLY. RESPECT ALL LOCAL STANDARDS AND LAWS.
 NOTE 4: CARD READER INSTALLED ON RIGHT SIDE OF UNITS IN RELATION TO PASSAGE DIRECTION.
 NOTE 5: ALL INPUTS ARE NORMALLY OPENED, EXCEPT FOR THE FORCE OPEN CONTACT.
 NOTE 6: THE NUMBER OF CONDUCTORS AND WIRE GAUGE IS DETERMINED BY THE CUSTOMER AND DEPENDS ON THE INPUTS AND OUTPUTS REQUIRED, REFER TO "AS1168 DETAIL" VIEW.
 NOTE 7: FOR DETAILED ELECTRICAL DIAGRAM REFER TO NAM-SLIM-EL-BI-01.
 NOTE 8: FOR NON FIRE EMERGENCIES, THE FORCE OPEN CONTACT ON AS1168 BOARD MAY BE USED TO HOLD OPEN THE LANE. (INSTEAD OF CUTTING POWER). IT IS THE RESPONSIBILITY OF THE INTEGRATOR/CUSTOMER TO VERIFY IF A SOFTWARE OPENING RESPECTS LOCAL STANDARDS AND LAWS.
 NOTE 9: POWER REQUIREMENT: FOR 24VDC POWER SUPPLY: 15 A
 FOR 120VAC POWER SUPPLY: 6 A

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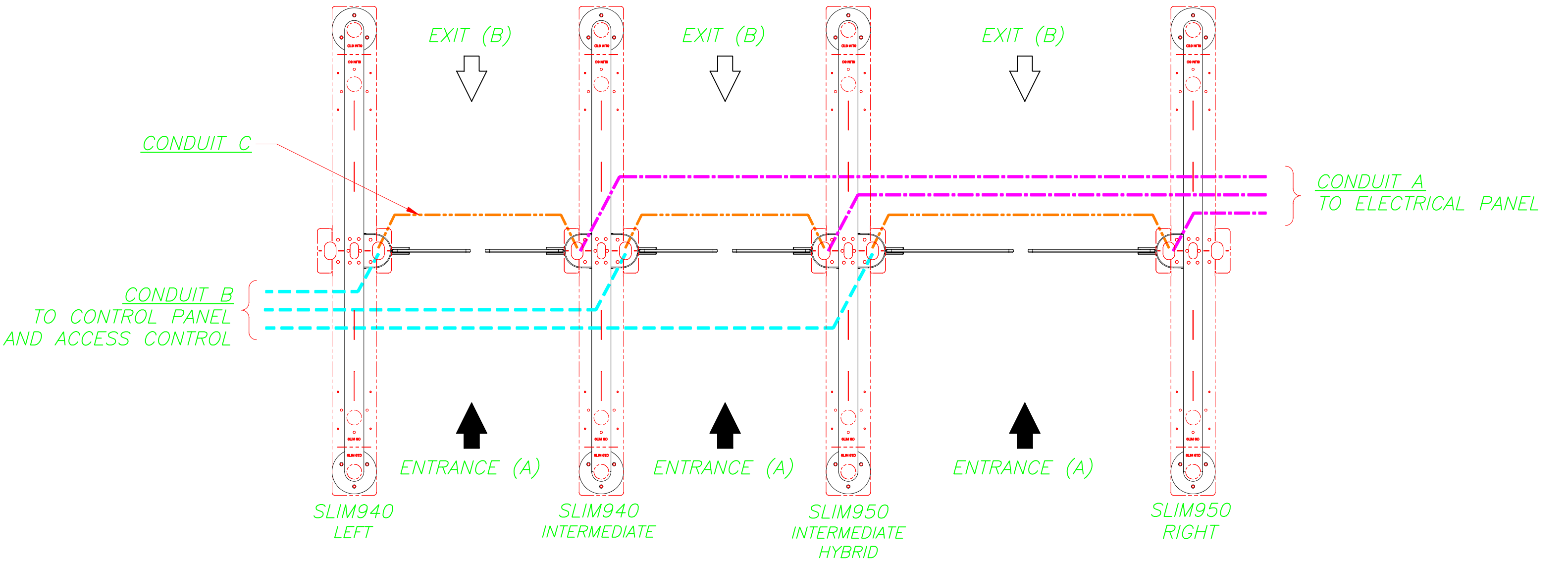
MATÉRIAU/MATERIAL	FICHER FILENAME	NAM-SLIM-EL-02-EN.DWG		DIMENSIONS	FORMAT
FABRICATION	TRAITEMENT/TREATMENT	EBARBER LES ARÊTES VIVES BREAK ALL SHARP EDGES			B
Nb./App. POIDS/WEIGHT	SURFACE	FINI/FINISH		IMPERIAL	METRIC
				X/X ±1/32"	X ±1mm
				X.X ±0.030"	X.X ±0.5mm
				X.XX ±0.015"	X.XX ±0.05mm
				X.XXX ±0.005"	
				ANGLES ± 1/2°	
				SAUF SI INDICUÉS UNLESS OTHERWISE NOTED	

TITRE	SLIMLANE 940 - 950		
TITRE	GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT		
DESSINÉ PAR	ECHELLE/SCALE	DATE	FEUILLE/SHEET
DRAWN BY	JPS	N/A	2011/12/22
VÉRIFIÉ PAR	DESSIN/DWG. No.		REV.
CHECKED BY	PWI	NAM-SLIM-EL-02-EN	0

REV.	DATE	MODIFICATIONS/CHANGES	PAR/BY
O	2016/06/07	REMOVE SLIMLANE SHORT	ALE/SOS
N	2015/12/07	CHANGE TEMPLATE	OHL
M	2014/02/28	GENERAL NOTE REVISION	PWI
K	2014/01/08	PAGE 4 ADDED FOR SLIMLANE SHORT	JPS
J	2013/03/28	CORRECTED FROM NAM-SLIM-EL-01-BI-F	EGD
H	2013/02/12	ADDED AND MODIFIED SEVERAL NOTES	EGD
G	2013/01/09	CORRECTED AS1170 CN1 CONNECTION	EGD



CONDUITS LAYOUT



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

- 7- CONDUIT DETAILS:**
- CONDUIT A- USE : POWER CABLE (TO ELECTRICAL PANEL)
SIZE : PVC 3/4"
NOTE: SEPARATE POWER FEEDS ARE NECESSARY FOR EACH RIGHT AND INTERMEDIATE UNITS (CABLE SUPPLIED BY CUSTOMER).
 - CONDUIT B- USE : CONTROL PANEL AND ACCESS CONTROL (READERS, BIOMETRIC ETC...) CABLES.
SIZE : PVC 3/4" OR 1" MAX.
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 : PVC 3/4"
NOTE: 1 CONDUIT PER LANE (CABLES SUPPLIED BY ASA).

CONDUIT A
CONDUIT B
CONDUIT C

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MATERIAU/MATERIAL		FICHER FILENAME NAM-SLIM-EL-02-EN.DWG		DIMENSIONS	FORMAT	REV.	DATE	MODIFICATIONS/CHANGES	PAR/BY
FABRICATION		TRAITEMENT/TREATMENT							
Nb./App.		POIDS/WEIGHT		SURFACE					
-		-		-		-		ECHELLE/SCALE N/A DATE 2011/12/22 FEUILLE/SHEET 2 DE/OF 3	
-		-		-		-		VÉRIFIÉ PAR No. DESSIN/DWG. No. NAM-SLIM-EL-02-EN CHECKED BY PWI REV. 0	

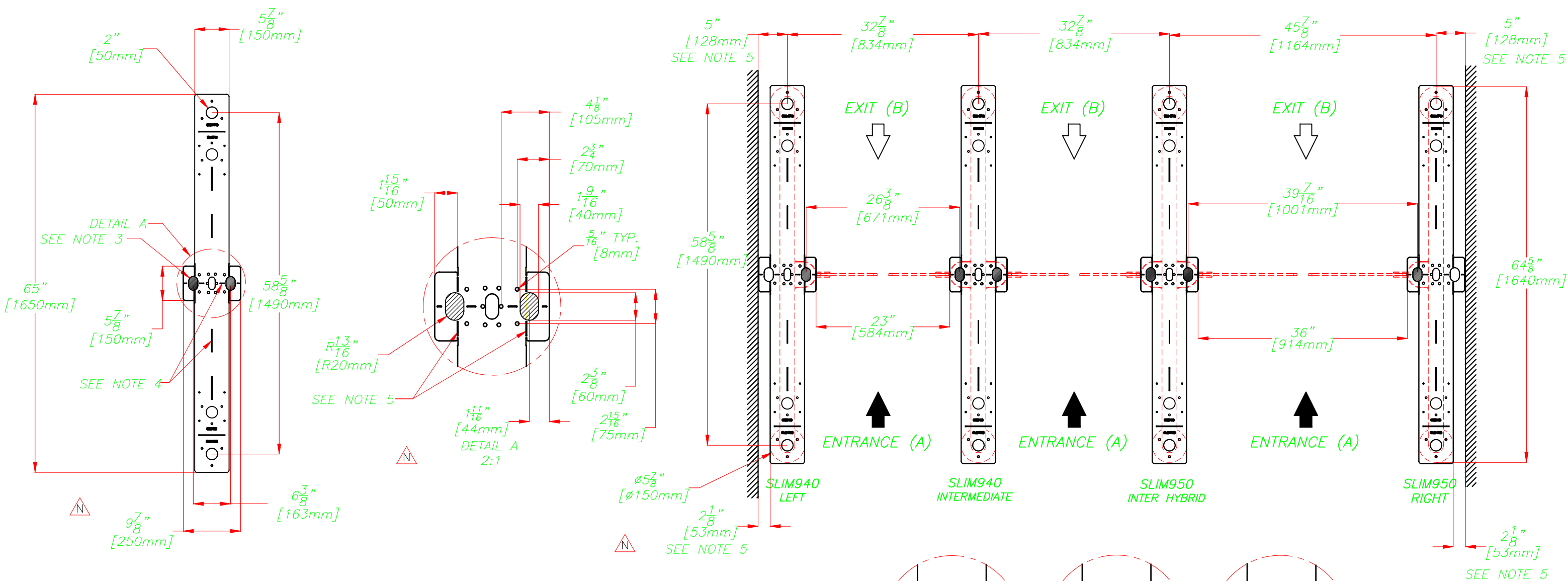
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IMPERIAL X/X ±1/32"
 X.X ±0.030"
 X.XX ±0.015"
 X.XXX ±0.005"
 ANGLES ± 1/2°
 SAUF SI INDIQUÉS UNLESS OTHERWISE NOTED

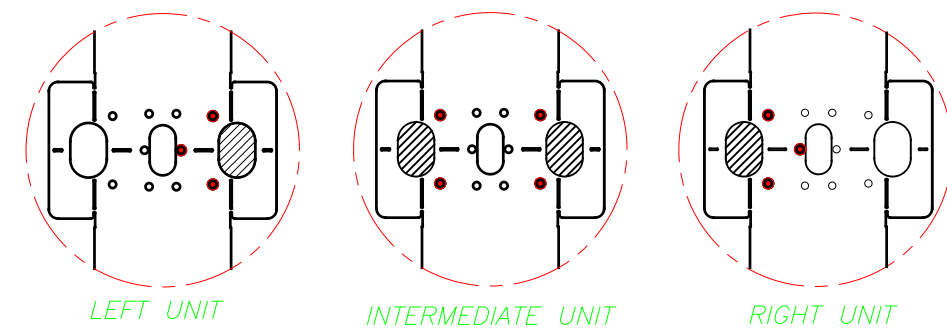
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SLIMLANE TEMPLATE POSITIONING LAYOUT



NOTES:

- 1- THE NUMBER OF UNITS AND LANES MAY VARY DEPENDING ON CUSTOMER REQUIREMENTS. REFER TO CUSTOMER SPECIFIC LAYOUT FOR FINAL POSITIONING OF TEMPLATES.
- 2- FIXED TO FLOOR WITH CHEMICAL ANCHORS, DRILL $\phi 1/2"$ 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.



LOCATION OF ANCHORS ACCORDING TO UNIT TYPE

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MATÉRIAU/MATERIAL		FICHER FILENAME		DIMENSIONS		FORMAT		REV.	DATE	MODIFICATIONS/CHANGES	PAR/BY						
-		NAM-SLIM-EL-02-EN.DWG		-		B											
FABRICATION		TRAITEMENT/TREATMENT		IMPERIAL		METRIC											
-		EBARBER LES ARÊTES VIVES BREAK ALL SHARP EDGES		X/X ±1/32"		X ±1mm											
Nb./App.		POIDS/WEIGHT		SURFACE		FINI/FINISH		TITRE									
-		-		-		-		SLIMLANE 940 - 950									
								TITRE									
								GENERIC ELECTRICAL CONNECTIONS AND CONDUITS LAYOUT									
								DESSINÉ PAR		ECHELLE/SCALE		DATE		FEUILLE/SHEET		DE/OF	
								JPS		N/A		2011/12/22		3		3	
								VÉRIFIÉ PAR		No. DESSIN/DWG. No.		REV.					
								PWJ		NAM-SLIM-EL-02-EN		0					