

1. PROVIDE ONE LOCKING CABINET FOR SECURITY SYSTEM . FOR EXACT REQUIREMENTS REFER TO DETAIL 1/E4.02.
2. PROVIDE ONE 44RU, 36" DEEP CABINET FOR COMMUNICATION SYSTEMS, REFER TO DETAIL 1/E4.03.
3. PROVIDE TWO RACK MOUNTED UPS(S), ONE FOR SECURITY CABINET AND SECOND FOR COMMUNICATION CABINET AS FOLLOWS:
LIEBERT 2520RRT3-220V, 2200VA, 120V C/W TWO EXTERNAL BATTERY CABINETS AND RACK RAIL KIT, BACKUP TIME AT FULL LOAD IS 29 MINUTES, INPUT NEMA 5-20P, OUTPUT (4) NEMA 5-15R, (2) NEMA 5-20RA. UPS TO BE COMPLETE WITH SERIAL AND CONTACT CLOSURE COMMUNICATION OPTION.
4. PROVIDE THREE (3) 103mm CONDUITS FROM ELECTRICAL ROOM A116 TO IT ROOM A115 FOR ALL HORIZONTAL COMMUNICATION CABLES SERVING BEP.
5. WALL MOUNTED EQUIPMENT CABINET TO HOUSE 1RU FIBRE PATCH BAY TO ACCOMMODATE TERMINATIONS FOR FIBRE OPTIC CABLES FROM 1069a AND CER ROOMS, ALL FIBRE OPTIC STRANDS TO BE TERMINATED TO SC DUAL CONNECTORS.
6. 450mm WIDE CABLE TRAY, REFER TO DETAIL 1/E4.03

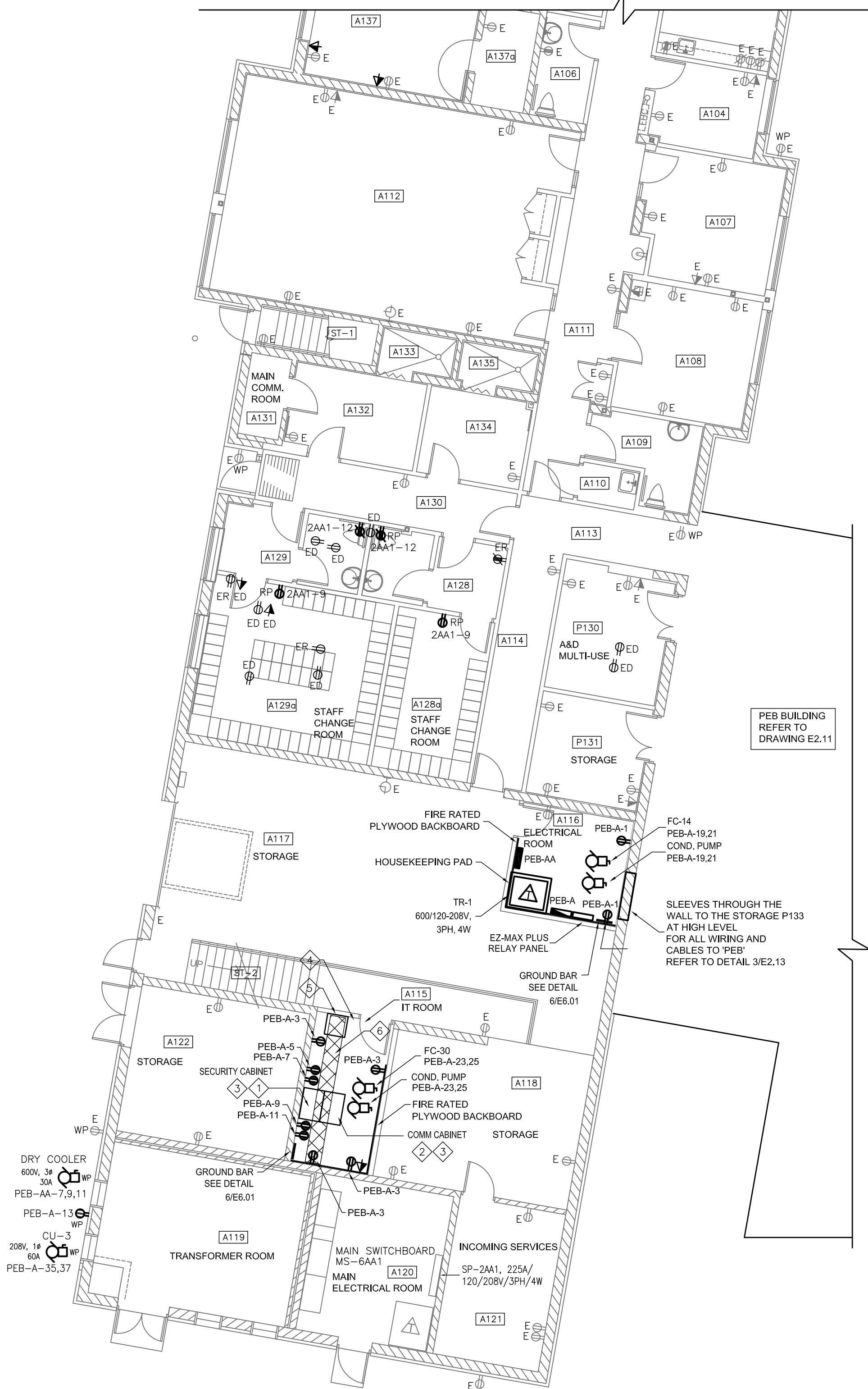
Diagram illustrating the cable tray layout for a 1200mm wide installation, showing two rows of sleeves (200mm high) and their respective cable counts:

- Top Row (10 sleeves):**
 - SLEEVES FOR POWER AND LIGHTING: 5 sleeves (4 cables each)
 - SLEEVES FOR COMMUNICATION CABLES: 5 sleeves (4 cables each)
 - Spare sleeves: 5 sleeves (4 cables each)
- Bottom Row (10 sleeves):**
 - SLEEVES FOR SECURITY AND PA SYSTEMS: 5 sleeves (4 cables each)
 - SLEEVES FOR FIRE ALARM SYSTEM: 5 sleeves (4 cables each)
 - Spare sleeves: 5 sleeves (4 cables each)

Total width: 1200mm. Total height: 200mm (sleeve height).

NOTES

- 3 SLEEVES LAYOUT
E2.13 N.T.S.



1
E2.13

POWER PLAN 'A'

1 : 100




2
E2.13

FOR CONTINUATION OF DRAWING REFER TO DETAIL 1/E2.13

01	ISSUED FOR BID	2013/10/04
revision	description	date

Do not scale drawings
Verify all dimensions and conditions on site and
immediately notify the Departmental Representative of all
discrepancies

	A	detail no. no. du détail
	B	drawing no. - where detail required dessin no. - où détail exigé
	C	drawing no. - where detailed dessin no. - où détaillé

project title	
titre du projet	

GRAND VALLEY INSTITUTION FOR WOMEN
1575 HOMER WATSON BLVD.
KITCHENER, ONTARIO, N2P 2C5

PRINCIPAL ENTRANCE BUILDING

drawing title
titre du dessin

GROUND FLOOR
POWER PLANS 'A' AND 'B'

drawn by dessine par	OS
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designed by conc par	OS
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approved by approuvé par	NA
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bid offre	RP	project manager administrateur de projets
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project date date du projet	2012-11-06
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project no. no. du projet	DIALOG NO. 09487T.02 R.047995.001
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drawing no.
dessine no. **E2.13**