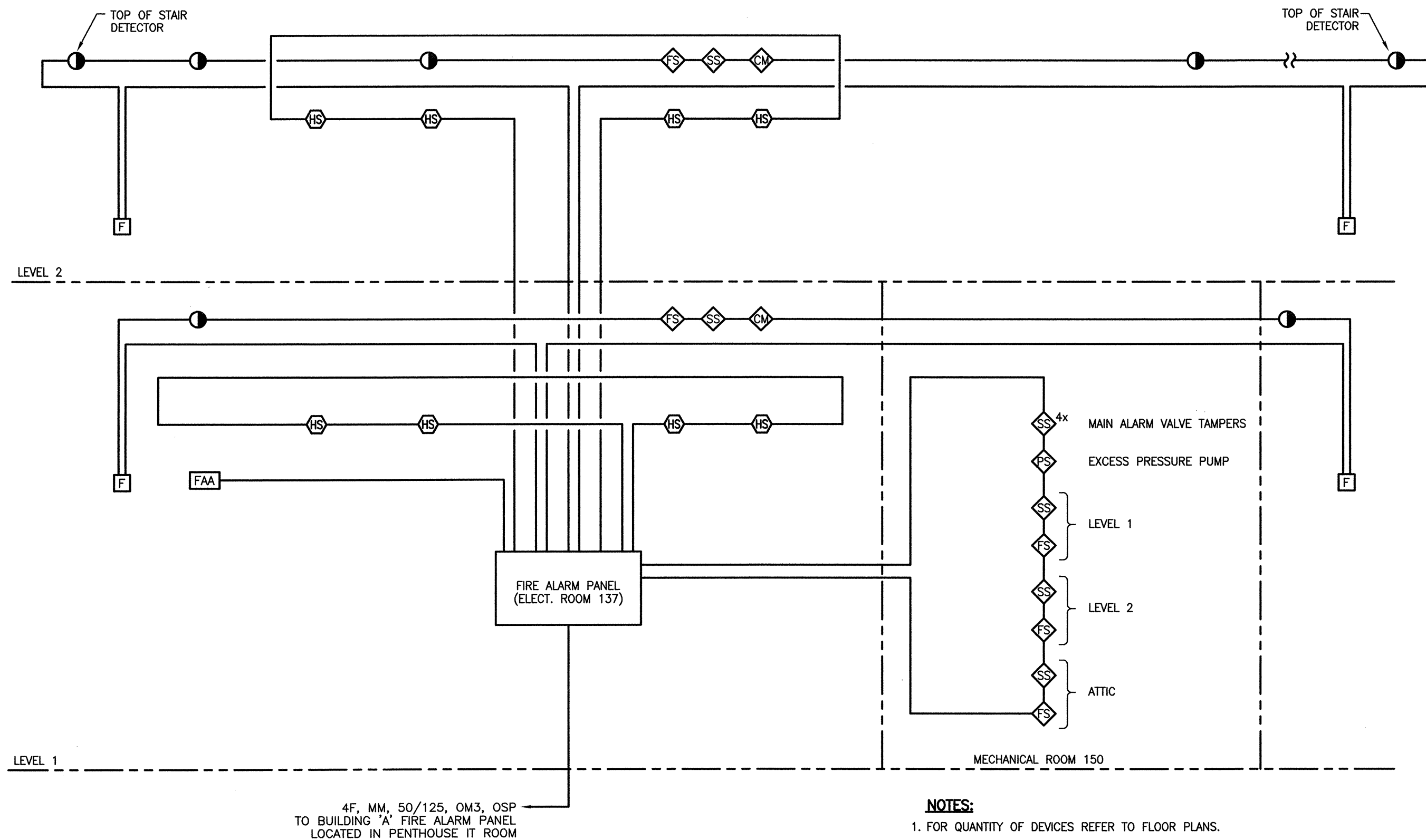
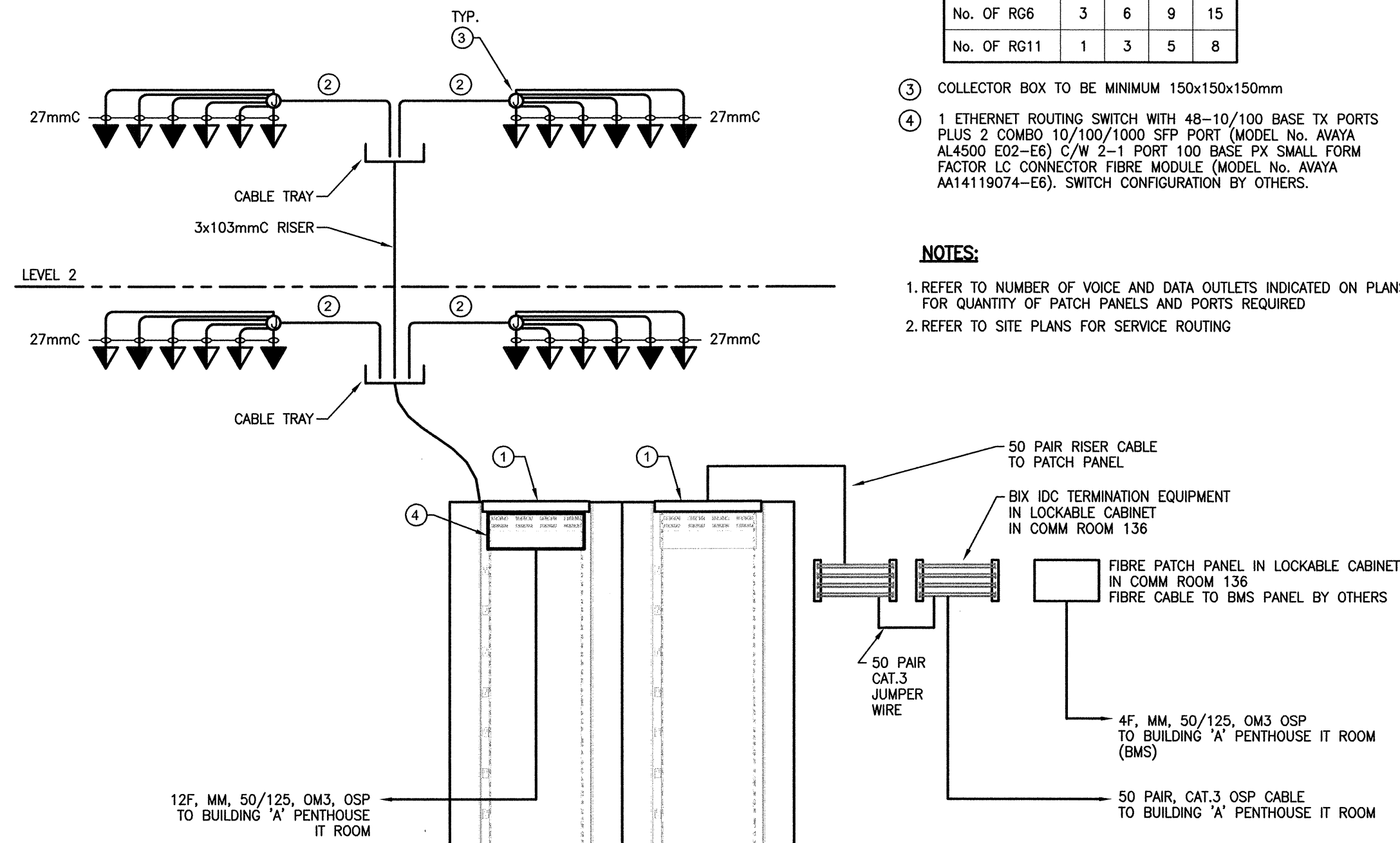


Jun 06 2013 - 7:29am
M:\12121-14104-00 Fraser Valley Institution 20-40 Man Unit\DWG\Electrical\012-Re-issued for Tender (13 June 06)\Drawings\ED03 (SystemRiserDia).dwg



A
—
FIRE ALARM RISER DIAGRAM
SCALE: NONE

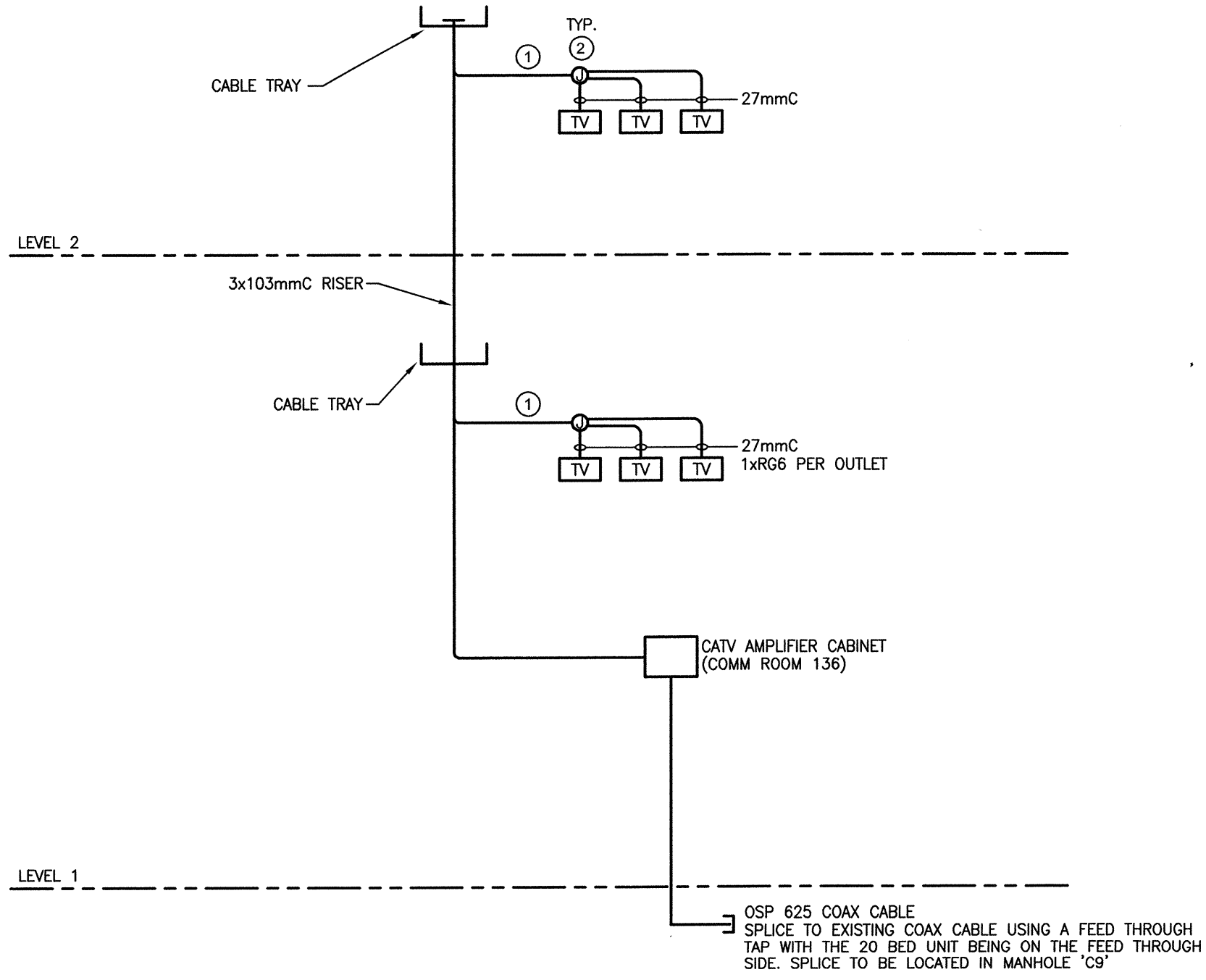
- NOTES:**
1. FOR QUANTITY OF DEVICES REFER TO FLOOR PLANS.
 2. REFER TO SITE PLANS FOR SERVICE ROUTING
 3. WIRING FOR BOTH SIGNALING AND INITIATION TO BE CLASS A
 4. REFER TO MECHANICAL DRAWINGS FOR ACTUAL LOCATIONS OF FLOW, TAMPER, SUPERVISION SWITCHES AND EXCESS PRESSURE PUMP.



B
—
TELECOMMUNICATION RISER DIAGRAM
SCALE: NONE

- EQUIPMENT:**
- ① FLOOR MOUNTED COMMUNICATIONS CABINET
 - ② REFER TO CONDUIT FILL TABLE FOR CONDUIT SIZE
 - ③ COLLECTOR BOX TO BE MINIMUM 150x150x150mm
 - ④ 1. ETHERNET ROUTING SWITCH WITH 48-10/100 BASE TX PORTS PLUS 2 COMBO 10/100/1000 SFP PORT (MODEL No. AVAYA AL4500 E02-E8) C/W 2-1 PORT 100 BASE FX SMALL FORM FACTOR LC CONNECTOR FIBRE MODULE (MODEL No. AVAYA AA14119074-E8). SWITCH CONFIGURATION BY OTHERS.
- NOTES:**
1. REFER TO NUMBER OF VOICE AND DATA OUTLETS INDICATED ON PLANS FOR QUANTITY OF PATCH PANELS AND PORTS REQUIRED
 2. REFER TO SITE PLANS FOR SERVICE ROUTING

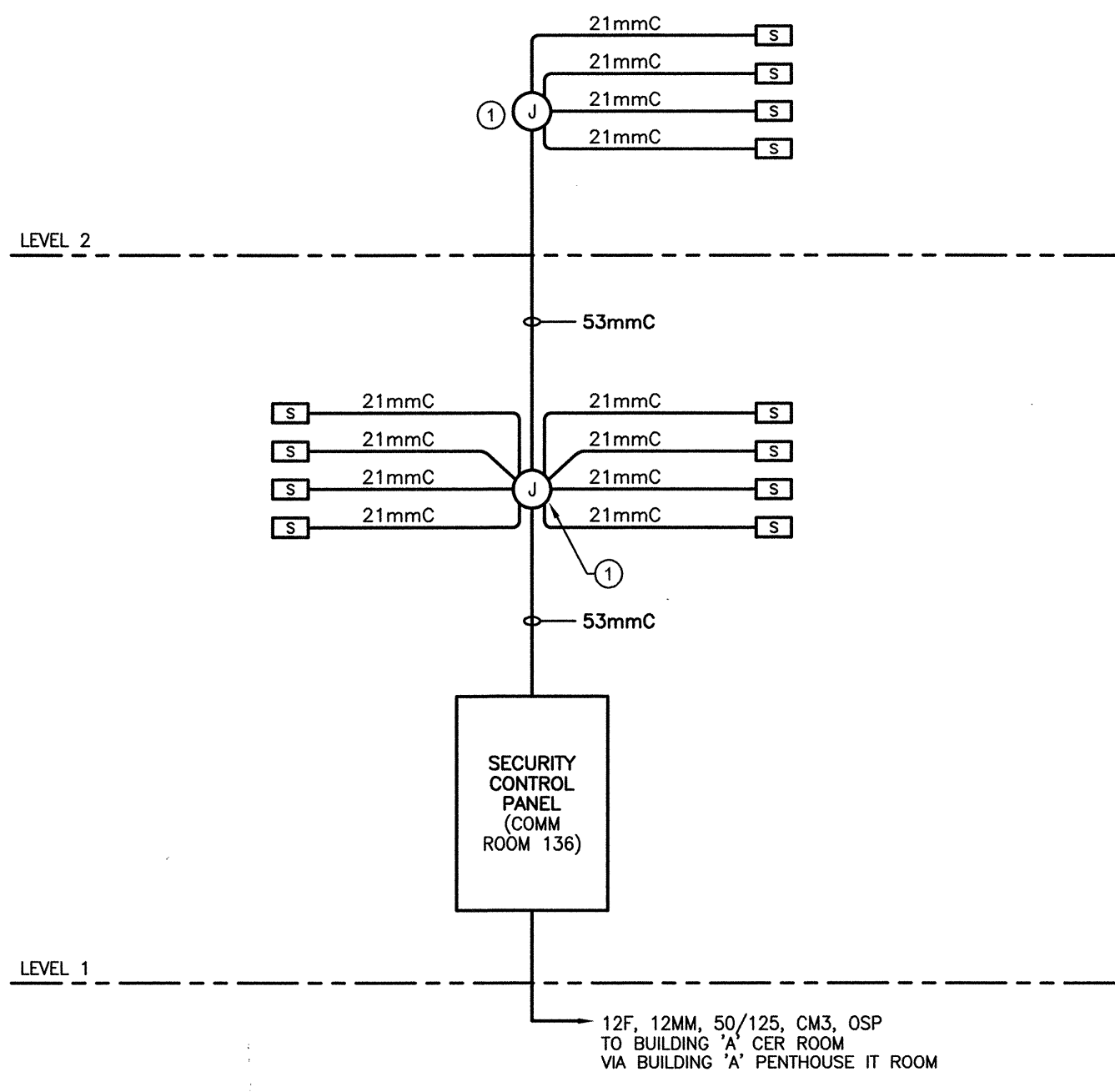
CABLE TYPE	CONDUIT FILL TABLE COMM. WIRE			
	27	35	41	53
No. OF CAT.6	4	7	10	18
No. OF CAT.6A	2	5	7	13
No. OF RG6	3	6	9	15
No. OF RG11	1	3	5	8



C
—
CATV RISER DIAGRAM
SCALE: NONE

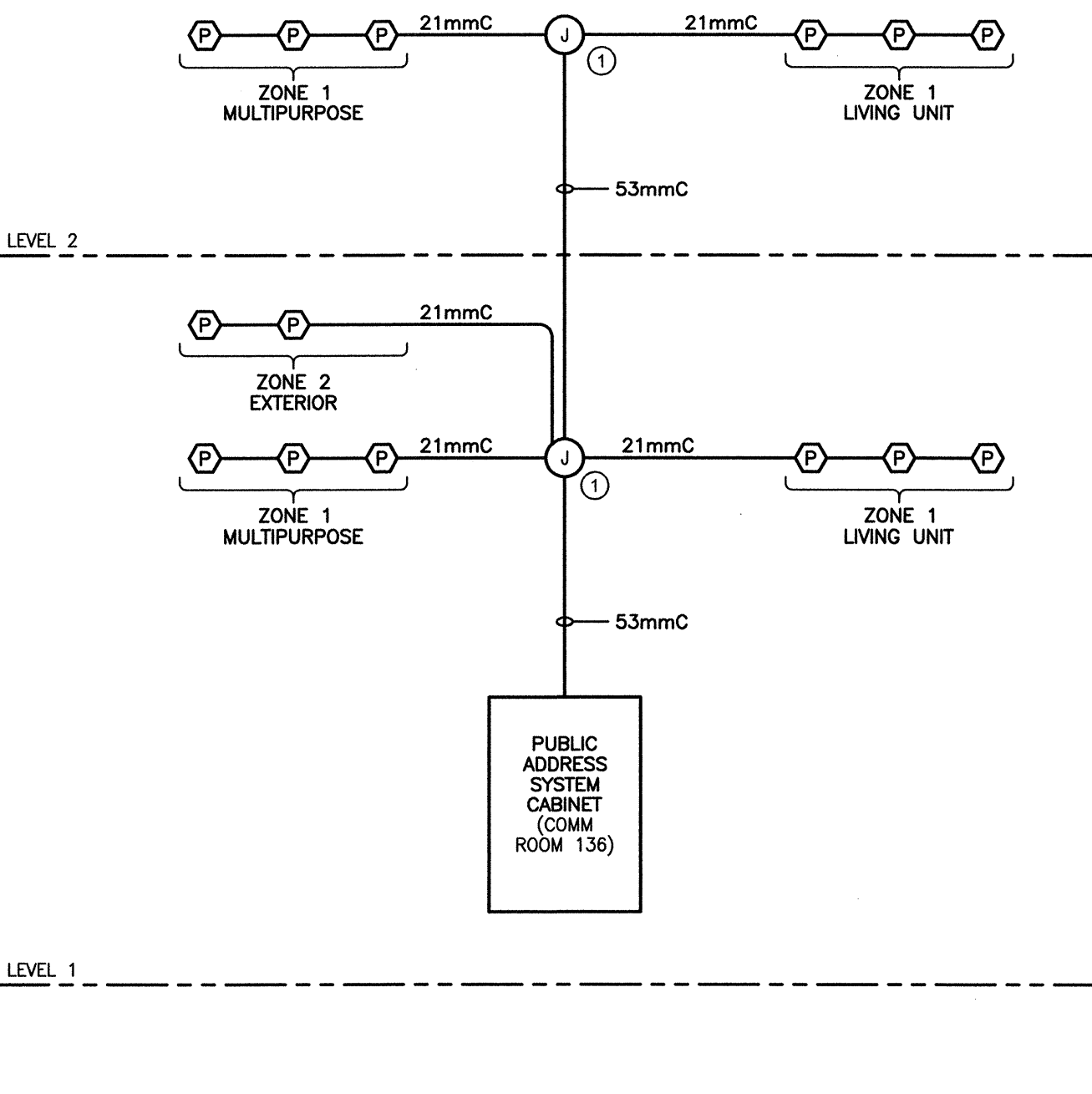
- EQUIPMENT:**
- ① REFER TO CONDUIT FILL TABLE FOR CONDUIT SIZE.
 - ② COLLECTOR BOX TO BE MINIMUM 150x150x150mm
- NOTES:**
1. REFER TO FLOOR PLANS FOR QUANTITY OF CATV OUTLETS.
 2. REFER TO SITE PLANS FOR SERVICE ROUTING
 3. REFER TO FLOOR PLANS FOR LIVING UNIT COLLECTOR BOX ACCESS PANELS. COORDINATE PANEL LOCATIONS WITH GENERAL CONTRACTOR ON SITE.

CABLE TYPE	CONDUIT FILL TABLE COMM. WIRE			
	27	35	41	53
No. OF CAT.6	4	7	10	18
No. OF CAT.6A	3	5	7	13
No. OF RG6	3	6	9	15
No. OF RG11	1	3	5	8



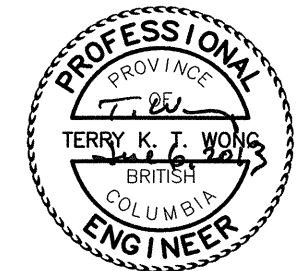
D
—
SECURITY RISER DIAGRAM
SCALE: NONE

- EQUIPMENT:**
- ① COLLECTOR BOX TO BE MINIMUM 150mm x 150mm x 150mm
- NOTES:**
1. REFER TO PLANS FOR QUANTITY OF SECURITY DEVICES AND ZONING.
 2. MONITORING AND ANNUNCIATION IN BUILDING 'A'
 3. REFER TO SITE PLANS FOR SERVICE ROUTING
 4. REFER TO FLOOR PLANS FOR POD COLLECTOR BOX ACCESS PANELS. COORDINATE PANEL LOCATIONS WITH GENERAL CONTRACTOR ON SITE



E
—
PUBLIC ADDRESS SYSTEM RISER DIAGRAM
SCALE: NONE

- EQUIPMENT:**
- ① COLLECTOR BOX TO BE MINIMUM 150mm x 150mm x 150mm
- NOTES:**
1. REFER TO PLANS FOR QUANTITY OF PAGING DEVICES.
 2. REFER TO FLOOR PLANS FOR POD COLLECTOR BOX ACCESS PANELS. COORDINATE PANEL LOCATIONS WITH GENERAL CONTRACTOR ON SITE



ISSUED FOR TENDER	12 Nov 19
TENDER READY SUBMISSION	12 Sept 13
99% SUBMISSION	12 June 22
50% SUBMISSION	12 March 30

Revision/Revision	Description/Description	Date/Date
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Client/client

CORRECTIONAL SERVICE OF CANADA

Project Title/Titre du projet
FRASER VALLEY INSTITUTION
33344 KING ROAD, ABBOTSFORD, BC
TWENTY BED LIVING UNIT

Consultant Approval Box Only
Designed by/Concept par
Kresimir Brzica
Drawn by/Dessiné par
Larry Cadiente
PWGSC Project Manager/Administrateur de Projets TPSGC
Patrick Truong

PWGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSGC

Drawing Title/Titre du dessin

SYSTEM RISER DIAGRAM

Project No./No. du projet R.052462.001	Sheet/ Feuille E003	Revision no./ La Révision no.
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