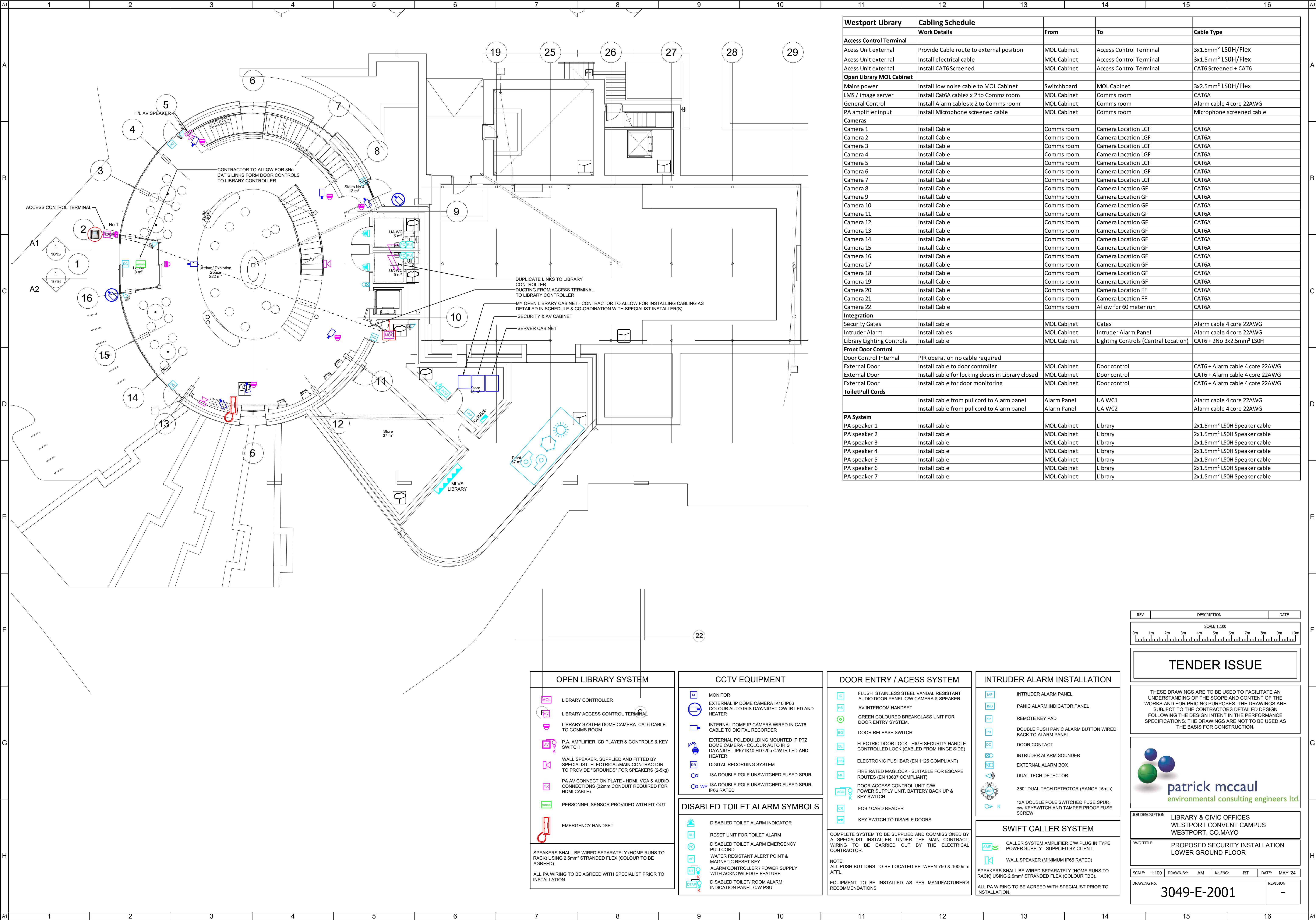




Westport Library		Cabling Schedule		
Access Control Terminal		Work Details	From	To
				Cable Type
Access Unit external		Provide Cable route to external position	MOL Cabinet	Access Control Terminal
Access Unit external		Install electrical cable	MOL Cabinet	Access Control Terminal
Access Unit external		Install CAT6 Screened	MOL Cabinet	Access Control Terminal
Open Library MOL Cabinet				
Mains power		Install low noise cable to MOL Cabinet	Switchboard	MOL Cabinet
LMS / image server		Install Cat6A cables x 2 to Comms room	MOL Cabinet	Comms room
General Control		Install Alarm cables x 2 to Comms room	MOL Cabinet	Comms room
PA amplifier input		Install Microphone screened cable	MOL Cabinet	Comms room
Cameras				
Camera 1	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 2	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 3	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 4	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 5	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 6	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 7	Install Cable	Comms room	Camera Location LGF	CAT6A
Camera 8	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 9	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 10	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 11	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 12	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 13	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 14	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 15	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 16	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 17	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 18	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 19	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 20	Install Cable	Comms room	Camera Location GF	CAT6A
Camera 21	Install Cable	Comms room	Camera Location FF	CAT6A
Camera 22	Install Cable	Comms room	Allow for 60 meter run	CAT6A
Integration				
Security Gates	Install cable	MOL Cabinet	Gates	Alarm cable 4 core 22AWG
Intruder Alarm	Install cables	MOL Cabinet	Intruder Alarm Panel	Alarm cable 4 core 22AWG
Library Lighting Controls	Install cable	MOL Cabinet	Lighting Controls (Central Location)	CAT6 + 2No 3x2.5mm² LSOH
Front Door Control				
Door Control Internal	PIR operation no cable required			
External Door	Install cable to door controller	MOL Cabinet	Door control	CAT6 + Alarm cable 4 core 22AWG
External Door	Install cable for locking doors in Library closed	MOL Cabinet	Door control	CAT6 + Alarm cable 4 core 22AWG
External Door	Install cable for door monitoring	MOL Cabinet	Door control	CAT6 + Alarm cable 4 core 22AWG
ToiletPull Cords				
	Install cable from pullcord to Alarm panel	Alarm Panel	UA WC1	Alarm cable 4 core 22AWG
	Install cable from pullcord to Alarm panel	Alarm Panel	UA WC2	Alarm cable 4 core 22AWG
PA System				
PA speaker 1	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 2	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 3	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 4	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 5	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 6	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable
PA speaker 7	Install cable	MOL Cabinet	Library	2x1.5mm² LSOH Speaker cable

OPEN LIBRARY SYSTEM

LIBRARY CONTROLLER

LIBRARY ACCESS CONTROL TERMINAL

LIBRARY SYSTEM DOME CAMERA. CAT6 CABLE TO COMMS ROOM

P.A. AMPLIFIER, CD PLAYER & CONTROLS & KEY SWITCH

WALL SPEAKER. SUPPLIED AND FITTED BY SPECIALIST. ELECTRICAL/MAIN CONTRACTOR TO PROVIDE "GROUNDS" FOR SPEAKERS (2-5kg)

PA AV CONNECTION PLATE - HDMI, VGA & AUDIO CONNECTIONS (32mm CONDUIT REQUIRED FOR HDMI CABLE)

PERSONNEL SENSOR PROVIDED WITH FIT OUT

EMERGENCY HANDSET

SPEAKERS SHALL BE WIRED SEPARATELY (HOME RUNS TO RACK) USING 2.5mm² STRANDED FLEX (COLOUR TO BE AGREED).

ALL PA WIRING TO BE AGREED WITH SPECIALIST PRIOR TO INSTALLATION.

CCTV EQUIPMENT

MONITOR

EXTERNAL IP DOME CAMERA IK10 IP66 COLOUR AUTO IRIS DAY/NIGHT C/W IR LED AND HEATER

INTERNAL DOME IP CAMERA WIRED IN CAT6 CABLE TO DIGITAL RECORDER

EXTERNAL POLE/BUILDING MOUNTED IP PTZ DOME CAMERA - COLOUR AUTO IRIS DAY/NIGHT IP67 IK10 HD720p C/W IR LED AND HEATER

DIGITAL RECORDING SYSTEM

13A DOUBLE POLE UNSWITCHED FUSED SPUR

13A DOUBLE POLE UNSWITCHED FUSED SPUR, IP66 RATED

DISABLED TOILET ALARM SYMBOLS

DISABLED TOILET ALARM INDICATOR

RESET UNIT FOR TOILET ALARM

DISABLED TOILET ALARM EMERGENCY PULLCORD

WATER RESISTANT ALERT POINT & MAGNETIC RESET KEY

ALARM CONTROLLER / POWER SUPPLY WITH ACKNOWLEDGE FEATURE

DISABLED TOILET/ ROOM ALARM INDICATION PANEL C/W PSU

DOOR ENTRY / ACCESS SYSTEM

FLUSH STAINLESS STEEL VANDAL RESISTANT AUDIO DOOR PANEL C/W CAMERA & SPEAKER

AV INTERCOM HANDSET

GREEN COLOURED BREAKGLASS UNIT FOR DOOR ENTRY SYSTEM.

DOOR RELEASE SWITCH

ELECTRIC DOOR LOCK - HIGH SECURITY HANDLE CONTROLLED LOCK (CABLED FROM HINGE SIDE)

ELECTRONIC PUSHBAR (EN 1125 COMPLIANT)

FIRE RATED MAGLOCK - SUITABLE FOR ESCAPE ROUTES (EN 13637 COMPLIANT)

DOOR ACCESS CONTROL UNIT C/W POWER SUPPLY UNIT, BATTERY BACK UP & KEY SWITCH

FOB / CARD READER

KEY SWITCH TO DISABLE DOORS

COMPLETE SYSTEM TO BE SUPPLIED AND COMMISSIONED BY A SPECIALIST INSTALLER. UNDER THE MAIN CONTRACT, WIRING TO BE CARRIED OUT BY THE ELECTRICAL CONTRACTOR.

NOTE:
ALL PUSH BUTTONS TO BE LOCATED BETWEEN 750 & 1000mm AFFL.

EQUIPMENT TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS

INTRUDER ALARM INSTALLATION

INTRUDER ALARM PANEL

PANIC ALARM INDICATOR PANEL

REMOTE KEY PAD

DOUBLE PUSH PANIC ALARM BUTTON WIRED BACK TO ALARM PANEL

DOOR CONTACT

INTRUDER ALARM SOUNDER

EXTERNAL ALARM BOX

DUAL TECH DETECTOR

360° DUAL TECH DETECTOR (RANGE 15mts)

13A DOUBLE POLE SWITCHED FUSE SPUR, C/W KEYSWITCH AND TAMPER PROOF FUSE SCREW

SWIFT CALLER SYSTEM

CALLER SYSTEM AMPLIFIER C/W PLUG IN TYPE POWER SUPPLY - SUPPLIED BY CLIENT.

WALL SPEAKER (MINIMUM IP65 RATED)

SPEAKERS SHALL BE WIRED SEPARATELY (HOME RUNS TO RACK) USING 2.5mm² STRANDED FLEX (COLOUR TBC).

ALL PA WIRING TO BE AGREED WITH SPECIALIST PRIOR TO INSTALLATION.

REVDESCRIPTIONDATE

0m1m2m3m4m5m6m7m8m9m10m

SCALE 1:100

TENDER ISSUE

THESE DRAWINGS ARE TO BE USED TO FACILITATE AN UNDERSTANDING OF THE SCOPE AND CONTENT OF THE WORKS AND FOR PRICING PURPOSES. THE DRAWINGS ARE SUBJECT TO THE CONTRACTORS DETAILED DESIGN FOLLOWING THE DESIGN INTENT IN THE PERFORMANCE SPECIFICATIONS. THE DRAWINGS ARE NOT TO BE USED AS THE BASIS FOR CONSTRUCTION.

patrick mccaull
environmental consulting engineers ltd.

JOB DESCRIPTIONLIBRARY & CIVIC OFFICES
WESTPORT CONVENT CAMPUS
WESTPORT, CO.MAYO

DWG TITLEPROPOSED SECURITY INSTALLATION
LOWER GROUND FLOOR

SCALE: 1:100DRAWN BY: AMI/C ENG: RTDATE: MAY '24

DRAWING No: 3049-E-2001REVISION-