

AUDIOVISUAL				ELECTRICAL							COMMUNICATION	MECHANICAL	GENERAL	
DEVICE DETAILS				REQUIREMENTS				RECEPTACLES			NETWORK DROPS	HEAT LOAD UNIT HEAT [BTU]	NOTES	
SYMBOL NAME	SYMBOL	ID	MOUNTING HEIGHT (TO CENTRE LINE)	AV BACKBOX/MUDRING SIZE	BACKBOX/MUDRING MOUNTING HEIGHT	VOLTAGE [V]	CURRENT [A]	UNIT POWER [W]	GROUND TYPE	TYPE				QUANTITY
48" WALL MOUNT FLAT PANEL DISPLAY		FPD1	2135mm AFF	{1}2 GANG AV MUDRING	2335mm AFF	120	2	240	NORMAL	5-15R	{1}QUAD	-	818.88	OWNER SUPPLIED DISPLAY
55" WALL MOUNT FLAT PANEL DISPLAY		FPD2	1575mm AFF	{1}2 GANG AV MUDRING	1780mm AFF	120	1	120	NORMAL	5-15R	{1}QUAD	-	409.44	
55" WALL MOUNT FLAT PANEL DISPLAY		FPD3	1575mm AFF	{1}2 GANG AV MUDRING	1780mm AFF	120	1	120	NORMAL	5-15R	{1}QUAD	{1}NETWORK DROP	409.44	
86" POLE MOUNT FLAT PANEL DISPLAY		PMD	BELOW FINISHED CEILING	REFER TO DETAIL DRAWINGS	REFER TO DETAIL DRAWINGS	120	1	120	NORMAL	5-15R	{1}QUAD	{1}NETWORK DROP	409.44	
CEILING MOUNT PROJECTOR		PROJ	AT FINISHED CEILING	-	AT FINISHED CEILING	120	5	600	NORMAL	5-15R	{1}QUAD	-	2047.20	
RECESSED PROJECTION SCREEN		SCR	AT FINISHED CEILING	-	-	120	1	600	NORMAL	-	15A DIRECT CONNECT	-	409.44	
WALL MOUNT PTZ CAMERA		CAM1	1220mm (48") AFF	{1}2 GANG AV MUDRING	1220mm (48") AFF	-	-	-	-	-	-	-	-	
CEILING MOUNT PTZ CAMERA		CAM2	AT FINISHED CEILING	-	-	-	-	-	-	-	-	-	-	
TEACHING DESK CRENDENZA RACK		FB1	AT FINISHED FLOOR	{1}2 GANG OPENING AT FLOORBOX	AT FINISHED FLOOR	120	20.00	2400	ISOLATED	5-20R	{2}DUPEX	{4}NETWORK DROP	5118	DEDICATED CIRCUITS REQUIRED, WITH ISOLATED GROUND. FIRE ALARM, LIGHTING AND SHADE/BLIND INTERCONNECTION REQUIRED.
FLOORBOX TABLE MONUMENT		FB2	AT FINISHED FLOOR	{1}2 GANG OPENING AT FLOORBOX	AT FINISHED FLOOR	120	1	120	NORMAL	5-15R	{1}DUPEX	-	409.44	
AV WALLPLATE AUDIO INPUT		AV1	610mm AFF	{1}2 GANG AV MUDRING	610mm AFF	120	1	120	NORMAL	5-15R	{1}DUPEX	-	409.44	
AV WALLPLATE AUDIO INPUT		AV2	610mm AFF	{1}2 GANG AV MUDRING	610mm AFF	120	1	120	NORMAL	5-15R	{1}DUPEX	{1}NETWORK DROP	409.44	
AV WALLPLATE AUDIO INPUT		AV3	610mm AFF	{1}2 GANG AV MUDRING	610mm AFF	120	1	120	NORMAL	5-15R	{1}DUPEX	-	409.44	
WALL MOUNT BUTTON CONTROL PANEL		BP	AT SWITCH HEIGHT	{1}1 GANG AV MUDRING	AT SWITCH HEIGHT	-	-	-	-	-	-	-	-	
CEILING MICROPHONE		MIC1	AT FINISHED CEILING	{1}1 GANG AV BACKBOX	-	-	-	-	-	-	-	-	-	
CEILING MICROPHONE		MIC2	AT FINISHED CEILING	-	-	-	-	-	-	-	-	-	-	
CEILING RECESSED SPEAKERS		S1	AT FINISHED CEILING	-	-	-	-	-	-	-	-	-	-	
PENDANT SPEAKER		S2	SUSPENDED TO LIGHTING PLANE	{1}1 GANG AV BACKBOX	AT CEILING DECK	-	-	-	-	-	-	-	-	
CEILING MOUNT OCCUPANCY SENSORS		OC	SUSPENDED TO LIGHTING PLANE	{1}1 GANG AV MUDRING	AT FINISHED CEILING	-	-	-	-	-	-	-	-	

3 AV COORDINATION MATRIX

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER CONSULTANT'S DRAWINGS AND SPECIFICATION. ANY DISCREPANCIES OR CONFLICT BETWEEN CONSULTANT'S DRAWINGS FOR A/V SCOPE, SHALL BE REPORTED TO S+A IMMEDIATELY FOR CLARIFICATION.
- ALL EQUIPMENT AND CABLING HAVE BEEN SHOWN FOR DIAGRAMATIC PURPOSES ONLY. CONTRACTOR IS TO PROVIDE SHOP DRAWINGS FOR ALL HARDWARE, FIXTURES AND EQUIPMENT, FOR CONSULTANT'S APPROVAL PRIOR TO PURCHASE.
- ALL DEVICE LOCATIONS ARE SCHEMATIC ONLY. EXACT LOCATIONS SHOULD BE LOCATED USING ARCHITECTURAL OR INTERIOR DESIGN DRAWINGS. IF LOCATION IS UN-CLEAR A REQUEST FOR INFORMATION SHOULD BE ISSUED.
- CONTRACTOR TO ENSURE ALL WORK INSTALLATIONS ARE IN COMPLIANCE WITH ALL AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR MUST REVIEW SITE AND ENSURE ALL AV WORK WITHIN EXTENT IS INCLUDED IN THE AV CONTRACT.
- CARE AND ATTENTION SHALL BE MADE TO ALL DRAWING NOTES AND ITEMS INCLUDED WITHIN SPECIFICATION FOR INCLUSION IN SCOPE OF WORK. QUESTIONS OR CONCERNS SHALL BE REPORTED TO CONSULTANT BY THE BIDDER PRIOR TO AWARD FOR TENDER. OTHERWISE, SUCCESSFUL BIDDER ASSUMES ALL RESPONSIBILITY FOR INCLUDING ALL EQUIPMENT AND PROVISIONS AS STATED WITHIN THE DRAWING AND SPECIFICATION PACKAGE IN SCOPE OF WORK.
- ALL EQUIPMENT INSTALLATIONS SHALL ADHERE TO EXACT MANUFACTURERS SPECIFICATIONS AND REQUIREMENTS. ANY INSTALLATIONS NOT MEETING CORRECT INSTALLATION METHODS AS OUTLINED BY THE MANUFACTURER SHALL BE RECTIFIED TO OPERATE AS INTENDED AT THE EXPENSE OF THE CONTRACTOR.
- CONTRACTOR TO COORDINATE ON SITE WITH OTHER TRADES FOR EXACT LOCATION AND MOUNTING HEIGHTS OF REQUIRED BACKBOXES AND RECEPTACLES FOR DISPLAYS, PROJECTORS, SPEAKERS AND OTHER AV EQUIPMENT. ALL RECEPTACLES SHALL BE CONCEALED BEHIND EQUIPMENT.
- ALL EQUIPMENT MUST BE SECURELY FASTENED AND INSTALLED TO SUPPORT WEIGHT, USER FUNCTION AND OPERATION. SCREENS SHALL BE ANCHORED TO STUDS AND SUPPORTED BY THREADED RODS AND CHAIN LINKS. PROJECTOR POLE MOUNTS AND DISPLAYS SHALL ALSO BE ANCHORED TO STUDS, AS REQUIRED TO SUPPORT EQUIPMENT FUNCTION. CONTRACTOR TO WARRANTY INSTALLATION FROM ANY IMPROPER INSTALLATION WITH NO EXPENSE TO THE USER.
- AV CONTRACTOR SHALL INCLUDE FOR ALL MISCELLANEOUS CONNECTORS, SIGNAL CONVERTERS, SIGNAL REPEATERS, EXPANSION MODULES, POLE EXTENSIONS, SHELVING, MOUNTING HARDWARE ETC. THAT IS NOT STATED BUT IS REQUIRED TO COMPLETE THE SCOPE OF WORK AND PROVIDE THE SYSTEM FUNCTIONALITY AS WAS INTENDED WITH NO DEGRADATION IN QUALITY AND PERFORMANCE. ANY CONCERNS WITH RESPECT TO EQUIPMENT NOT INCLUDED WITHIN THE SCOPE OF WORK SHALL BE REPORTED TO THE CONSULTANT PRIOR TO TENDER CLOSE FOR INCLUSION. FAILURE TO DO SO WILL BE AT THE EXPENSE OF THE BIDDER/SUCCESSFUL CONTRACTOR DURING CONSTRUCTION AND EXTRAS WILL NOT BE TOLERATED.
- REVIEW ALL PROJECT RELATED ARCHITECTURAL, MECHANICAL, ELECTRICAL, COMMUNICATIONS AND SECURITY DRAWINGS AND SPECIFICATIONS, DISCOVER AND COORDINATE ALL OVERLAPPING WORK WITH AUDIOVISUAL SYSTEMS TO AVOID COLLISIONS AND CONFLICTS OF DEVICES.
- DEVICES SHALL NOT BE INSTALLED IN WALL AREAS THAT ARE DESIGNATED TO HAVE MARKER BOARD, FABRIC PANELS, OR ACCENT FINISHES/DETAIL UNLESS INDICATED SPECIFICALLY ON AN ELEVATION DRAWING.
- DEVICES SHALL NOT BE INSTALLED ABOVE ANY FURNITURE - AND SHALL BE LOCATED WHERE THERE IS ADEQUATE ACCESS FOR USE UNLESS INDICATED SPECIFICALLY ON AN ELEVATION DRAWING.
- INFORM THE ENGINEER'S REPRESENTATIVE AND GC OF ALL DEVICE AND FURNITURE CONFLICTS PRIOR TO INSTALLATION. OBTAIN RESOLUTION TO DEVICE AND FURNITURE CONFLICTS FROM THE ENGINEER'S REPRESENTATIVE PRIOR TO INSTALLATION.

1 GENERAL NOTES - AUDIOVISUAL BIDDER INFORMATION

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AUDIO VISUAL SYSTEM	PROJ-## 	PROJECTOR.
	DEVICE IDENTIFICATION NUMBER	LIFT-## 	PROJECTOR ON LIFT.
RACK-## 	AV EQUIPMENT RACK RACK 'ID' DESIGNATION: 'AV' = FREE STANDING EQUIPMENT RACK. 'CR' = CRENDENZA RACK. 'RC' = RACK ON CASTERS.	SCR-## 	PROJECTION SCREEN. NOTE: 'XX' DENOTES SCREEN SIZE (IN INCHES)
TAG-## 	WALL MOUNT FLAT PANEL DISPLAY. DISPLAY 'TAG' DESIGNATION: 'FPD' = FLAT PANEL DISPLAY. 'IAD' = INTERACTIVE DISPLAY. 'DS' = DIGITAL SIGNAGE DISPLAY. 'MW' = MEDIA WALL DISPLAY(S). SEE DRAWING FOR QUANTITIES. 'VW' = VIDEO WALL NOTE: 'XX' DENOTES SCREEN SIZE (IN INCHES)	TAG-## 	CEILING RECESSED SPEAKER. 'TAG' DESIGNATION: 'S' = AV SPEAKER. 'PGS' = PAGING SPEAKER.
TAG-## 	CEILING MOUNT FLAT PANEL DISPLAY. DISPLAY 'TAG' DESIGNATION: 'PMD' = POLE MOUNT FLAT PANEL DISPLAY. 'PDD' = POLE MOUNT DUAL FLAT PANEL DISPLAYS. NOTE: 'XX' DENOTES SCREEN SIZE (IN INCHES)	TAG-## 	SURFACE MOUNT SPEAKER. 'TAG' DESIGNATION: 'S' = AV SPEAKER. 'PGS' = PAGING SPEAKER. 'SC' = SPEAKER CLUSTER
TAG-## 	WALL MOUNT AV INTERFACE. 'TAG' DESIGNATION: 'RSD' = ROOM SCHEDULING DISPLAY. 'MRD' = MEETING ROOM DISPLAY. 'CTL' = TOUCH CONTROL PANEL. NOTE: 'XX' DENOTES SCREEN SIZE (IN INCHES)	TAG-## 	WALL MOUNT ANTENNA. 'TAG' DESIGNATION: 'ANT' = MICROPHONE ANTENNA. 'ALS' = ASSISTIVE LISTENING ANTENNA.
TAG-## 	BUTTON CONTROL PANEL BY AUDIOVISUAL CONTRACTOR. 'TAG' DESIGNATION: 'BP' = BUTTON PANEL. 'VC' = VOLUME CONTROL. 'SC' = SCREEN CONTROL (FOR PROJECTION SCREENS).	TAG-## 	CEILING MOUNT ANTENNA. 'TAG' DESIGNATION: 'ANT' = MICROPHONE ANTENNA. 'ALS' = ASSISTIVE LISTENING ANTENNA.
FB-## 	FLOORBOX CONNECTION FOR TABLETOP CONNECTIVITY.	MIC-## 	CEILING MOUNT MICROPHONE.
CAM-## 	WALL MOUNT AV CAMERA.	AV-## 	AV MUDRING AV INPUT PLATE. (1) 1 GANG (2) 2 GANG
CAM-## 	CEILING MOUNT AV CAMERA.	AV-## 	AV BACKBOX. (1) 1 GANG (2) 2 GANG (3) 3 GANG
OC-## 	OCCUPANCY SENSORS.	AV 	AV CABLE PULL BOX BY ELECTRICAL CONTRACTOR. SIZE DESIGNATION: '6X6' = 6X6X6 AV CABLE PULL BOX. '12X12' = 12X12X6 AV CABLE PULL BOX.
PT-## 	PARTITION SENSORS.		

NOTE: NOT ALL SYMBOLS APPLY, REFER TO FLOOR PLANS AND DRAWINGS. REFER TO AV COORDINATION MATRIX OR AV CONSULTANT DRAWINGS FOR BACKBOX SIZE, MOUNTING HEIGHT AND ALL INFRASTRUCTURE REQUIREMENTS.

2 AUDIO-VISUAL LEGEND

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
TEL: 416 572 8503
EMAIL: pat.galardo@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE AUDIOVISUAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
1750 FINCH AVE E., TORONTO



LEGEND, GENERAL NOTES AND AV COORDINATION MATRIX

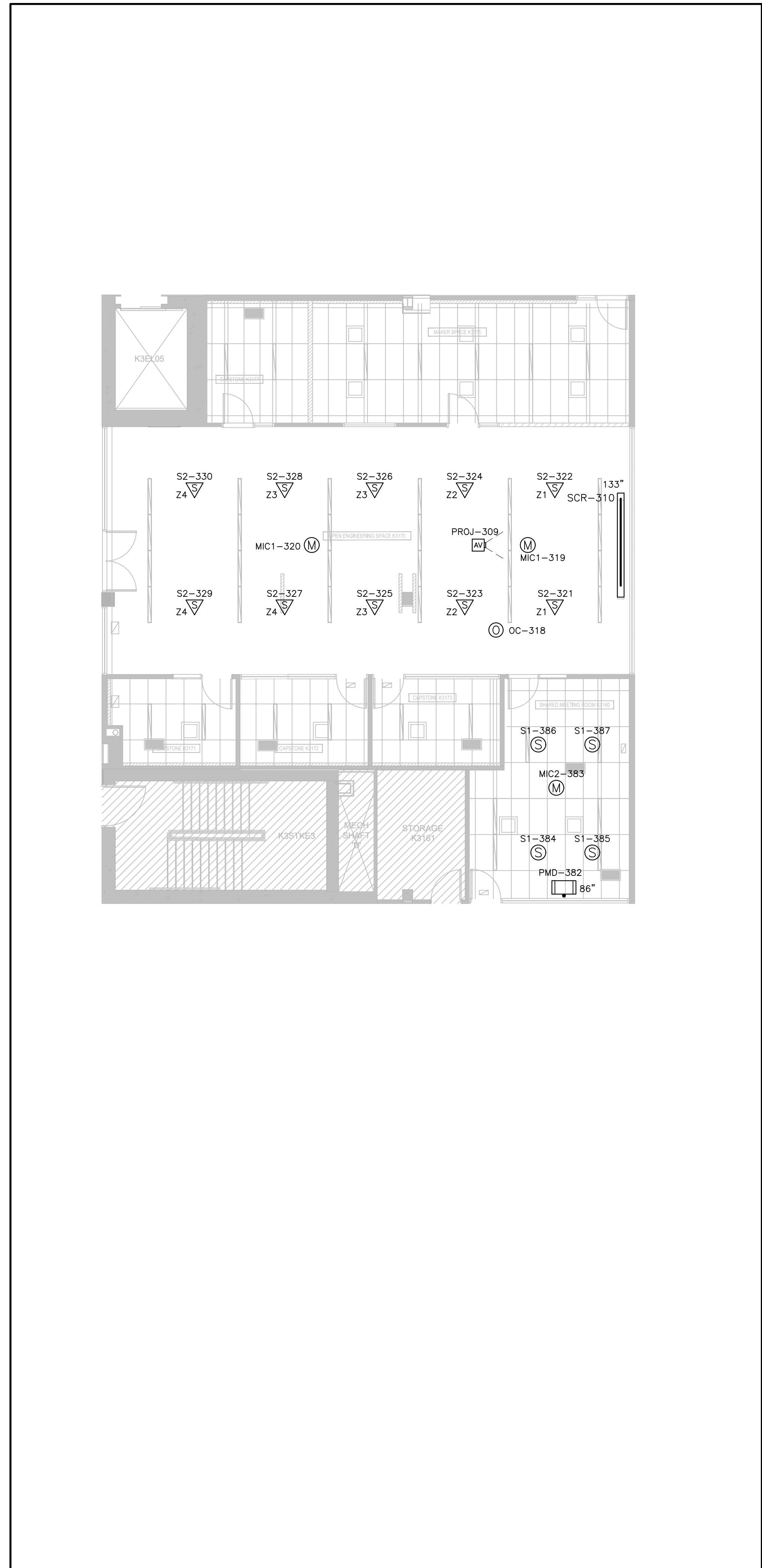


Smith + Andersen
1100 - 100 Sheppard Ave. East, Toronto Ont. M2N 6N0
416 467 8151 / 416 467 8154 smithandandersen.com

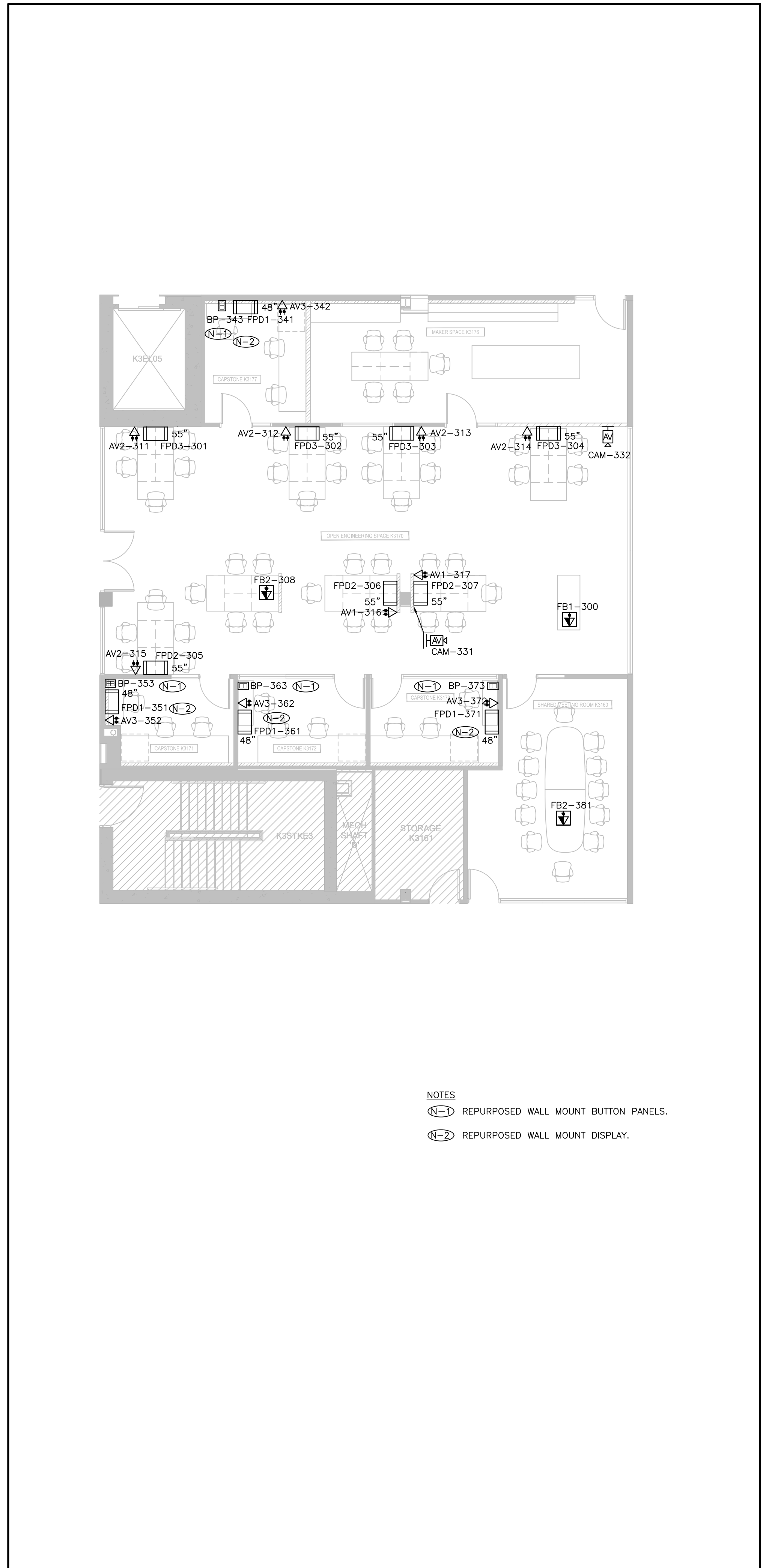


31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
TEL: 416-414-7095
EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	DRAWING
	AV001

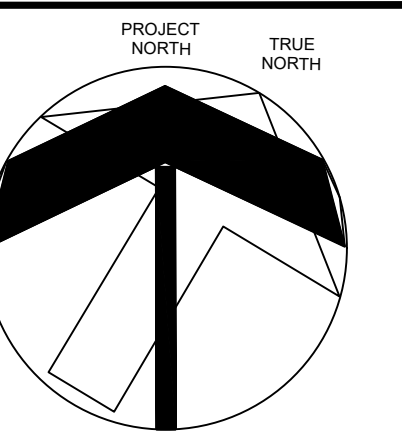


2 AV103A 3RD FLOOR AV DEVICE RCP



1 AV103A 3RD FLOOR AV DEVICE FLOOR PLAN

- NOTES
- (N-1) REPURPOSED WALL MOUNT BUTTON PANELS.
 - (N-2) REPURPOSED WALL MOUNT DISPLAY.



NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galaro@smithandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA
 ENGINEERING LAB
 AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



3RD FLOOR AV
 DEVICE FLOOR PLAN
 AND RCP



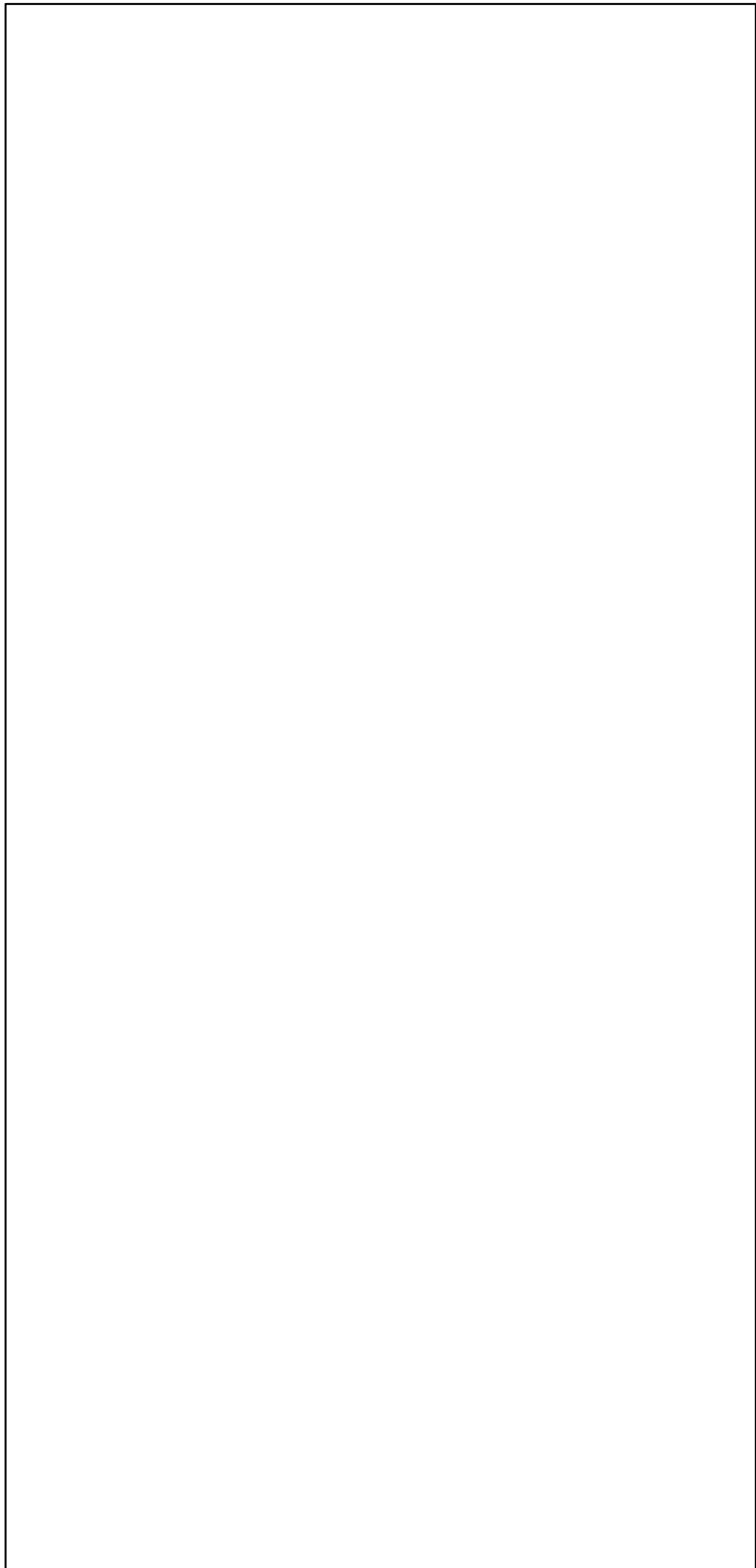
Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N9
 416 467 8101 / 416 467 8104 smithandersen.com

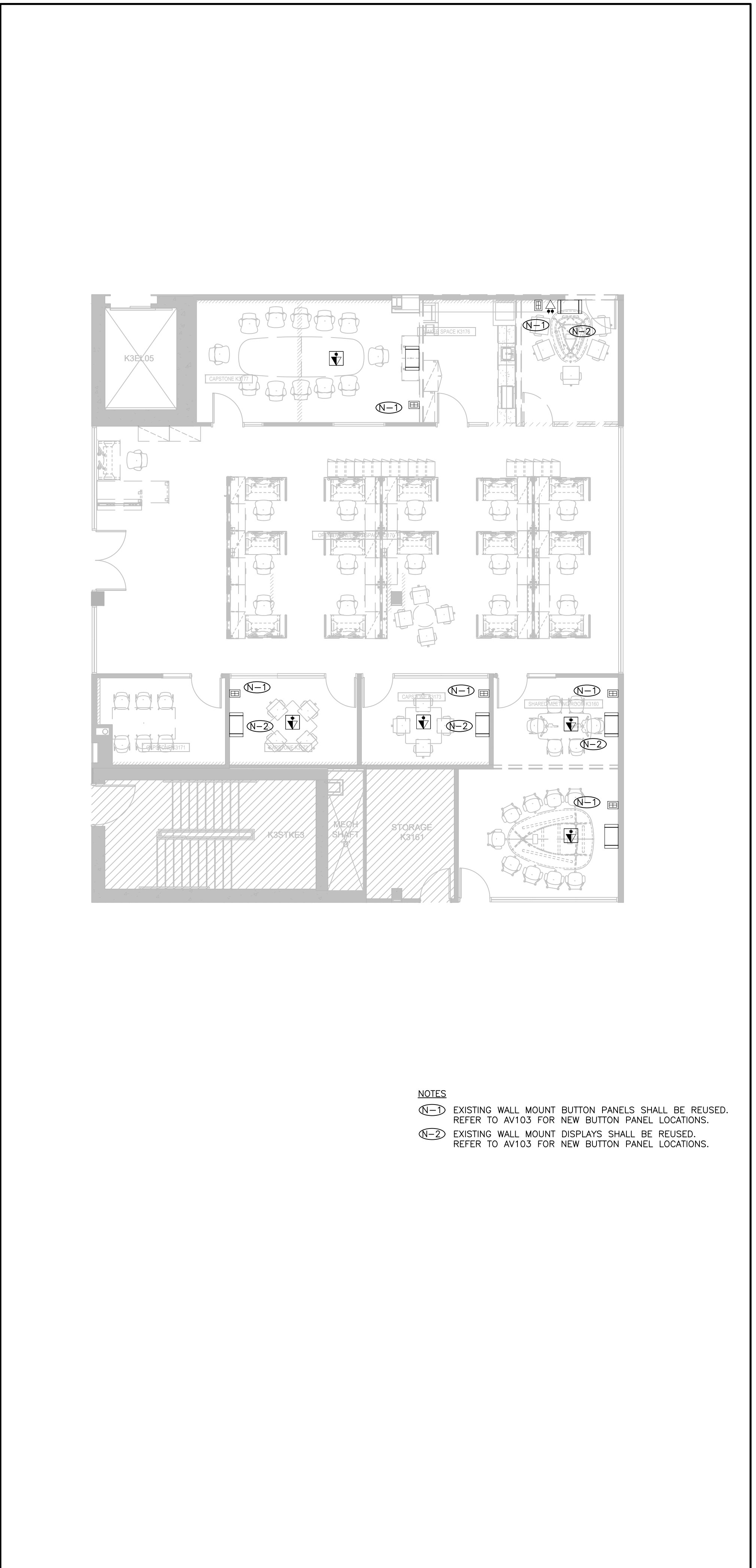


31 PLYMBRIDGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV103A

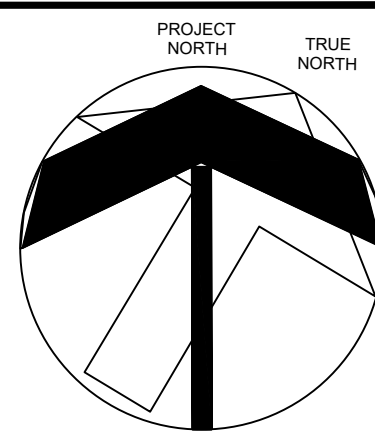


2 NOT USED
AV103C



NOTES
 N-1 EXISTING WALL MOUNT BUTTON PANELS SHALL BE REUSED.
 REFER TO AV103 FOR NEW BUTTON PANEL LOCATIONS.
 N-2 EXISTING WALL MOUNT DISPLAYS SHALL BE REUSED.
 REFER TO AV103 FOR NEW BUTTON PANEL LOCATIONS.

1 3RD FLOOR AV DEMO FLOOR PLAN
AV103C



NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT'S BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galaro@smithandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA
 ENGINEERING LAB
 AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



3RD FLOOR AV
 DEMO PLAN



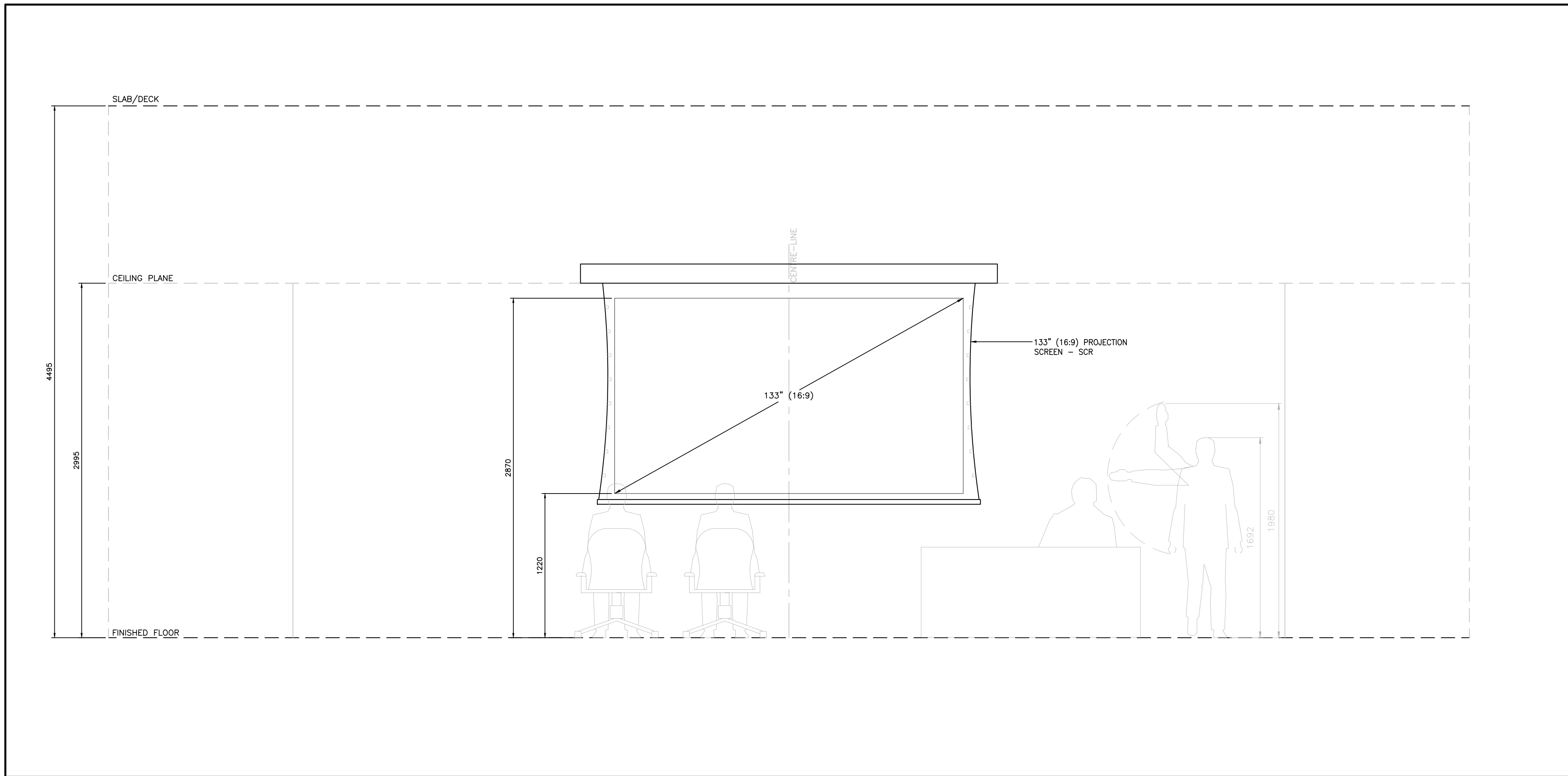
Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N6
 416 467 8151 / 416 467 8154 smithandersen.com

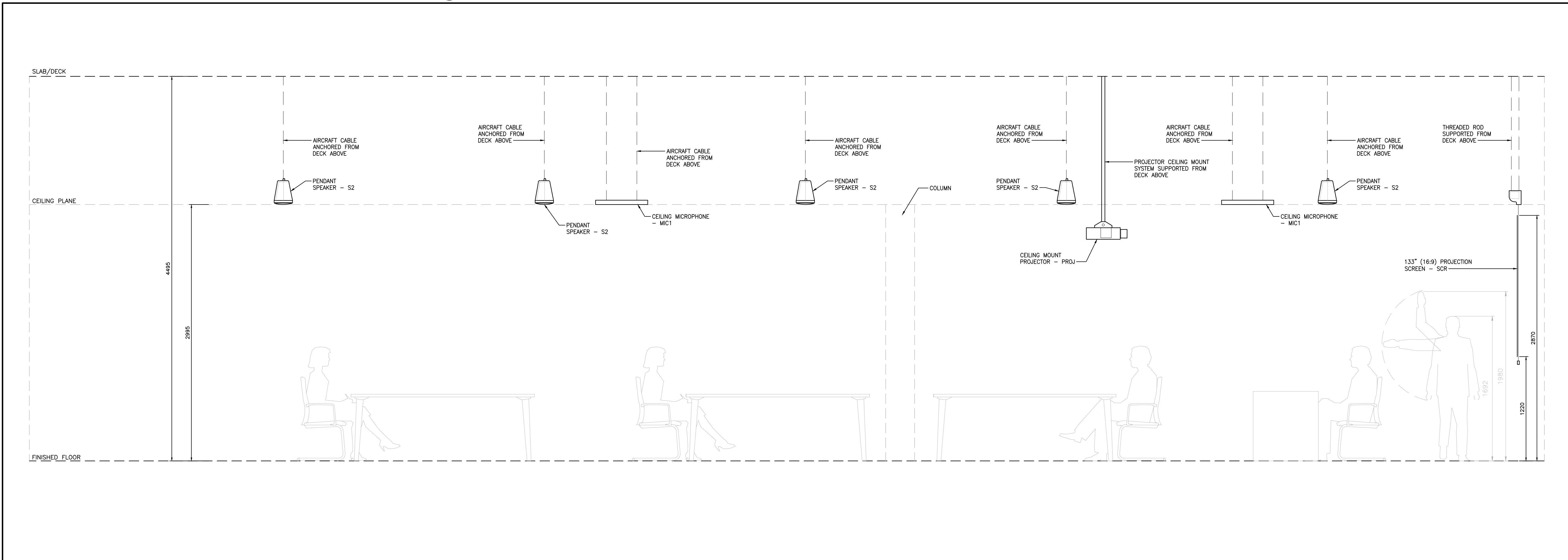


31 PLYMBRIDGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE 4/11/2024	
DRAWN BY NL	DRAWING AV103C
CHECKED BY PG	



1 AV200 OPEN ENGINEERING SPACE
TYPICAL AV DEVICE ELEVATION – FRONT



2 AV200 OPEN ENGINEERING SPACE
TYPICAL AV DEVICE ELEVATION – SIDE

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat_galardo@smithandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA
ENGINEERING LAB
AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
1750 FINCH AVE E., TORONTO



AV ELEVATIONS

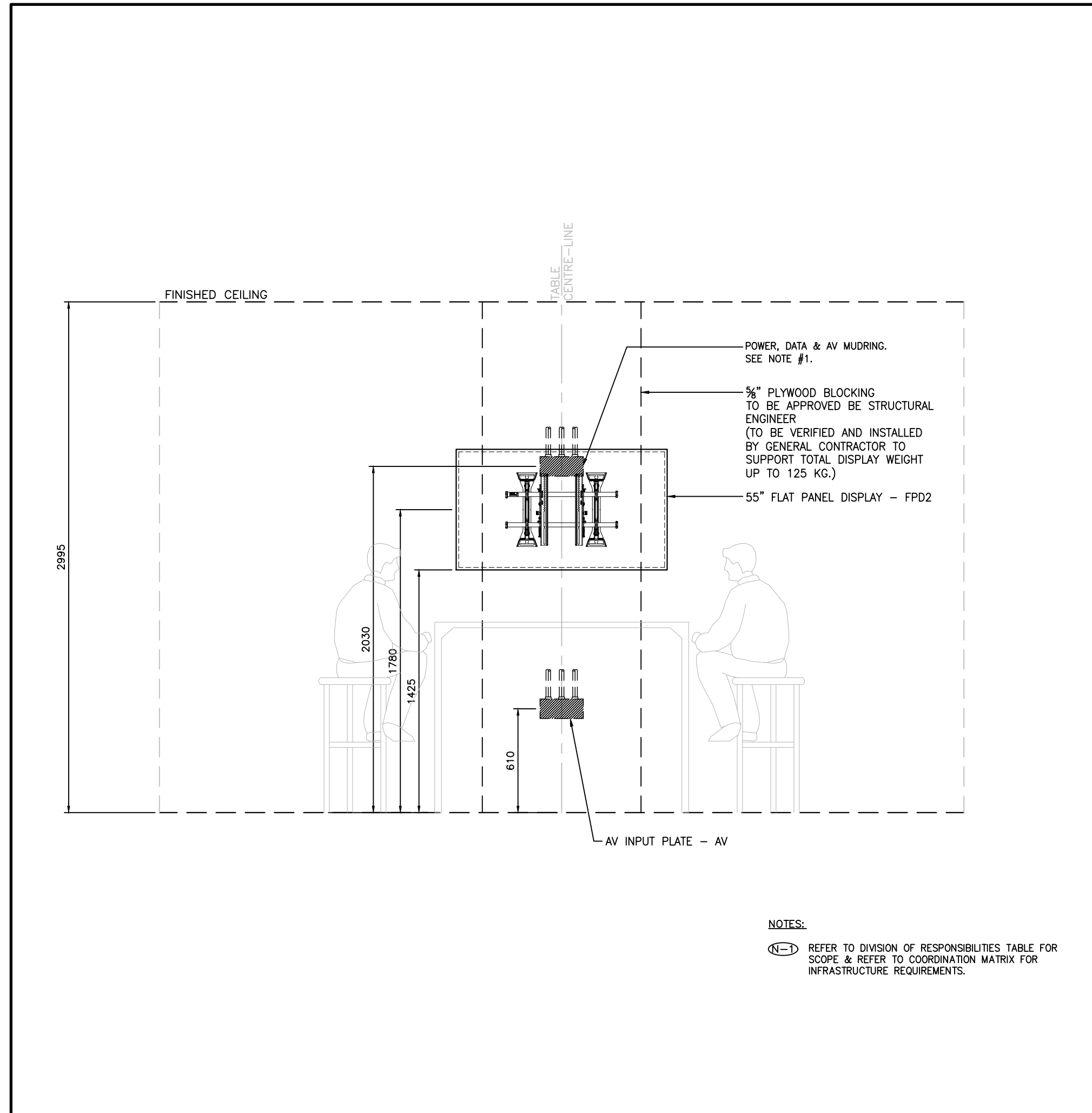


Smith + Andersen
 1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N9
 416 467 8101 / 416 467 8104 smithandersen.com

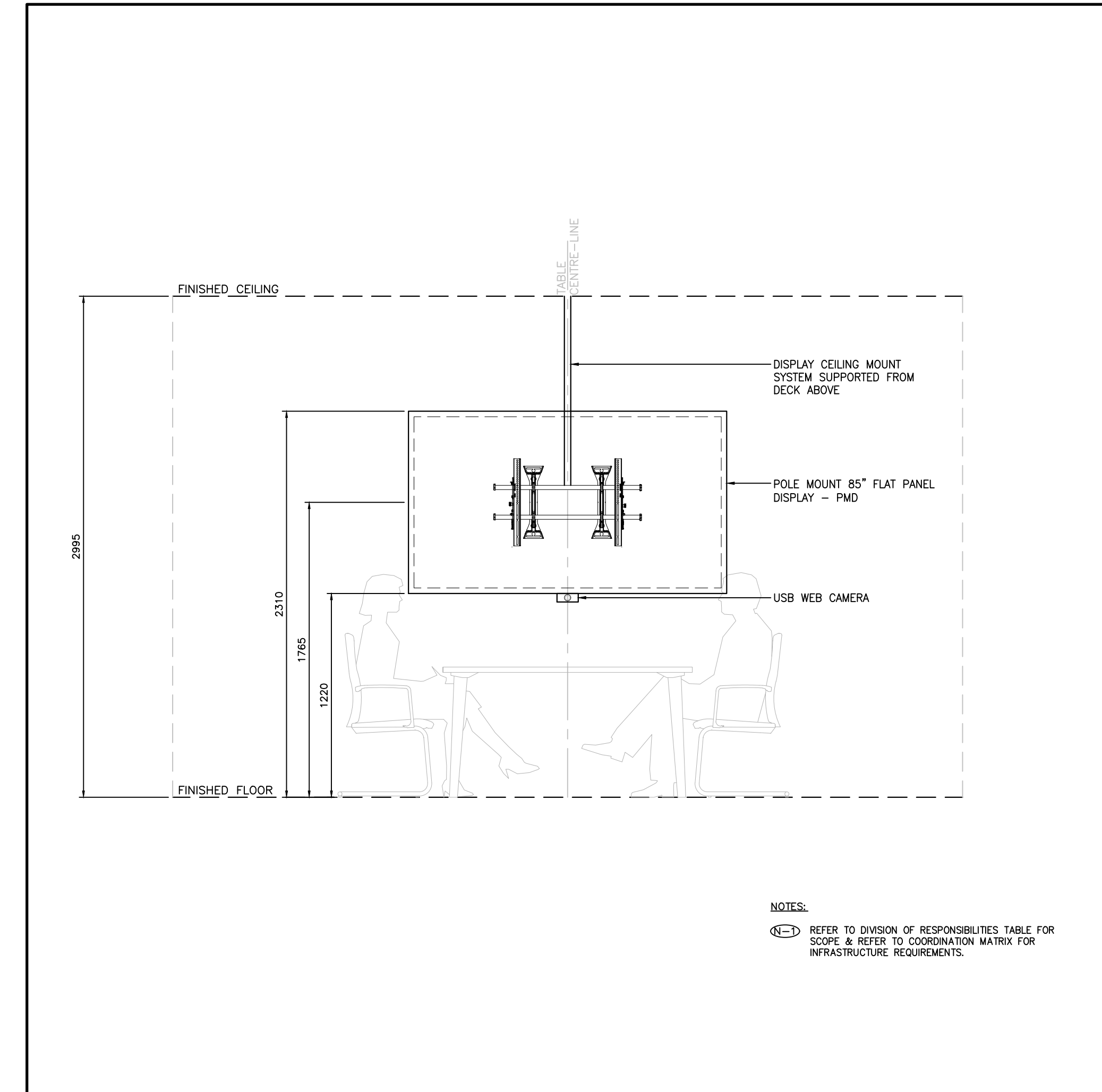


31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDESIGN.COM

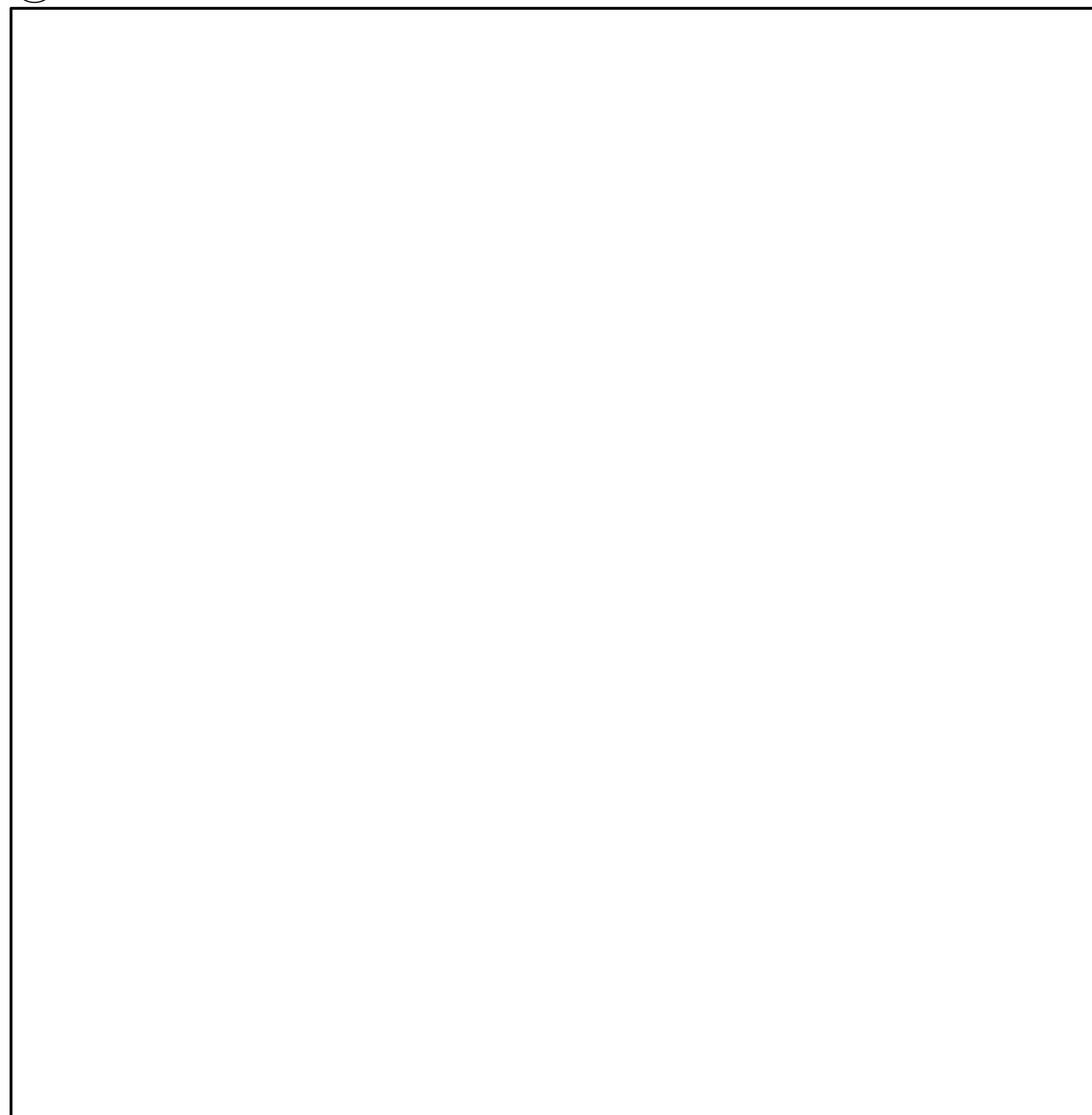
SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV200



3 AV201 OPEN ENGINEERING SPACE COLLABORATION DESK TYPICAL AV DEVICE ELEVATION



1 AV201 SHARED MEETING ROOM TYPICAL AV DEVICE ELEVATION



2 AV201 CAPSTONE ROOM TYPICAL AV DEVICE ELEVATION

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT'S BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galardo@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



AV ELEVATIONS

Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N2
 416 467 8101 / 416 467 8104 smithandandersen.com

ARTIFACT DESIGN + DEVELOPMENT

31 PLYMBRIDGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
AV201	

CONDUIT SIZES	
IMPERIAL	METRIC
1/2"	16MM
3/4"	21MM
1"	27MM
1-1/4"	35MM
1-1/2"	41MM
2"	53MM
2-1/2"	65MM
3"	78MM
4"	103MM

4 CONDUIT SIZES

AV300

UNLESS NOTED ON RISER, PROVIDE THE FOLLOWING CONDUIT SIZES AND QUANTITY:

- ALL BUTTON PANEL CONDUITS ARE (1) 1" [27mm]
- ALL WALL PLATE CONDUITS ARE MINIMUM (1) 1.5" [41mm]
- ALL SPEAKER CONDUITS ARE MINIMUM (1) 1" [27mm]
- ALL ANTENNA CONDUITS ARE MINIMUM (1) 1.5" [41mm]
- ALL FLOORBOX CONDUITS ARE MINIMUM (2) 1.5" [41mm]
- ALL DISPLAY CONDUITS ARE MINIMUM (1) 1" [27mm]
- ALL CONTROL PANELS ARE MINIMUM (1) 1" [27mm]
- ALL PROJECTORS ARE MINIMUM (1) 1" [27mm]
- ALL PROJECTION LIFTS ARE MINIMUM (1) 1.25" [35mm]
- ALL PROJECTION SCREENS ARE MINIMUM (1) 0.75" [21mm]

5 CONDUIT SIZES

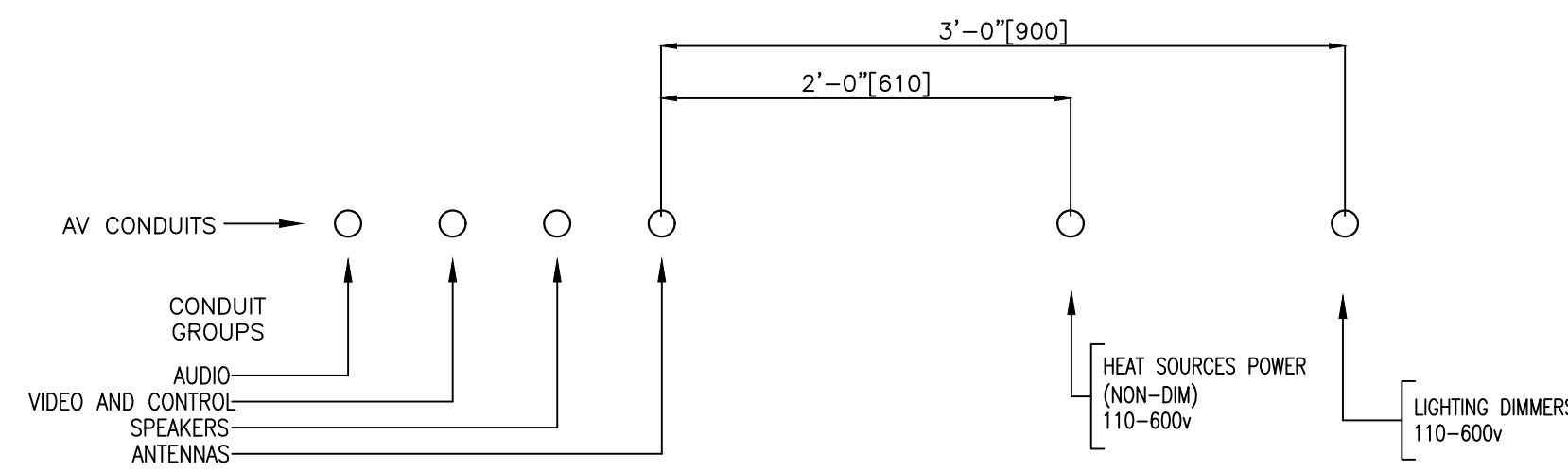
AV300

AUDIO-VISUAL CONDUIT SEPARATION CRITERIA

1. DO NOT RUN AV CONDUITS PARALLEL TO AC AND LIGHTING CONDUITS. WHERE RUNS ARE PARALLEL, ADHERE TO THE SEPARATION SHOWN BELOW:

LENGTH OF RUN PARALLEL TO HIGH VOLTAGE CONDUITS meters (feet)	MIN. SEPARATION OF AV CONDUITS FROM AC CONDUITS mm (inch)	MIN. SEPARATION OF AV CONDUITS FROM DIMMER CONDUITS mm (inch)
<= 1.8 (6)	150 (6)	228 (9)
1.8 (6) to 9.1 (30)	300 (12)	406 (16)
>= 9.1 (30)	600 (24)	812 (32)

2. WHERE SYSTEM CONDUITS ARE RUN TOGETHER AND PARALLEL THEY SHALL BE IN THE FOLLOWING ORDERED SEQUENCE, STARTING AT THE SIDE FURTHEST FROM AC CONDUITS:



3. WHERE AUDIO-VISUAL CONDUITS CROSS HIGH VOLTAGE CONDUITS, CROSSINGS SHOULD BE AS CLOSE TO 90° AS POSSIBLE.

4. AV CONDUITS CONTAINING MICROPHONE CABLE SHOULD BE RUN AS FAR AS POSSIBLE FROM HIGH VOLTAGE CONDUITS. WHEN MULTIPLE AV CONDUITS ARE PROVIDED, ENSURE CONDUIT DESIGNATED FOR MICROPHONE CABLE IS FURTHEST AWAY FROM HIGH VOLTAGE CONDUIT.

5. NOTIFY AV CONSULTANT IF AV CONDUITS ARE TO BE RUN AT A DISTANCE CLOSER THAN RECOMMENDED SEPARATIONS.

6. ALL DIMENSIONS ARE MINIMUM VALUES.

7. FOR RUNS OF LENGTH GREATER THAN 75', DOUBLE ALL VALUES.

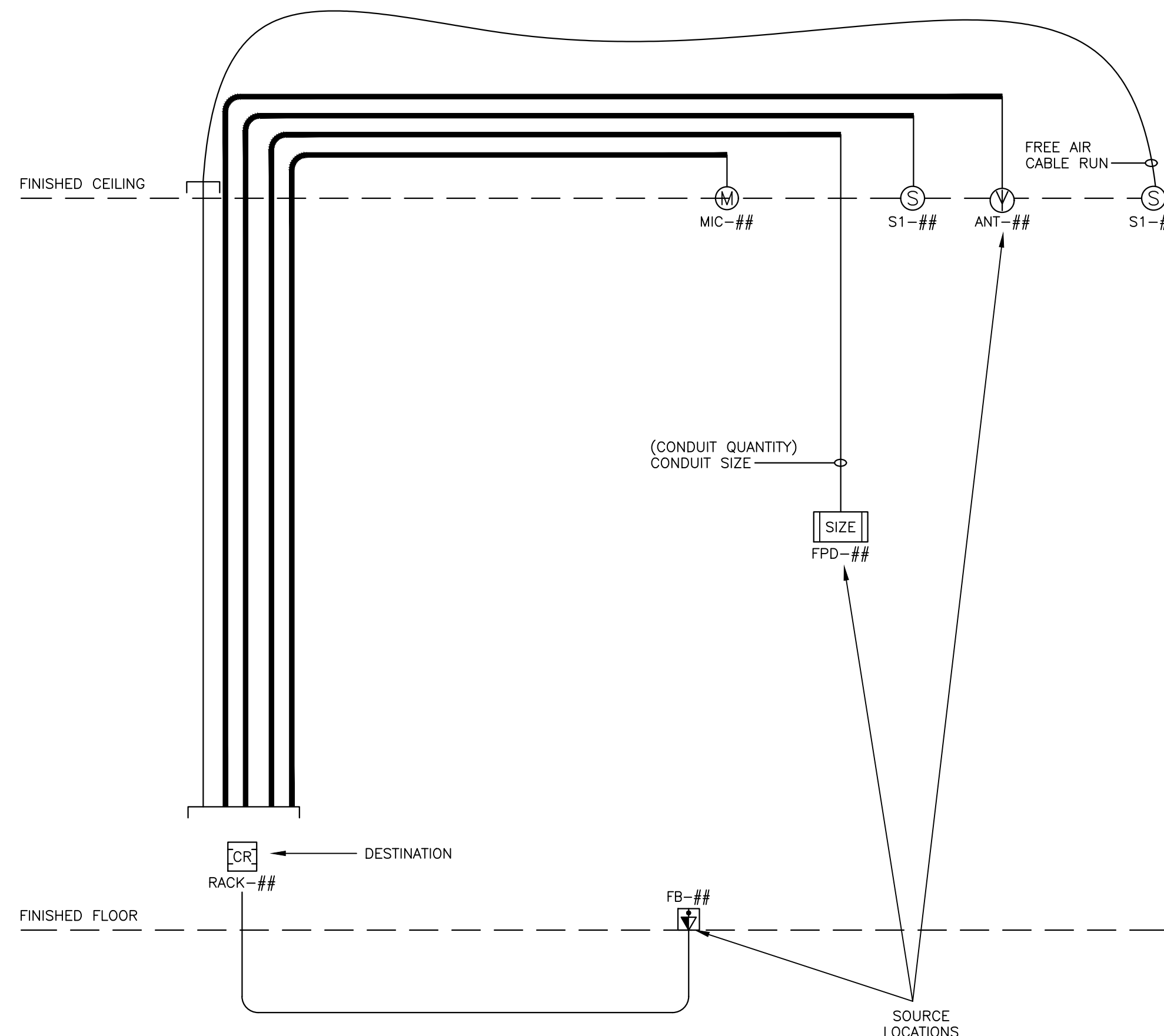
8. IF NOT PHYSICALLY POSSIBLE TO PROVIDE THE SEPARATION SPECIFIED FOR PARALLEL RUNS FOR DISTANCES OVER 75' WRAP THE EXTERIOR OF THE SIGNAL CONDUIT IN 1/32" THICK LEAD SHEET.

2 AUDIO-VISUAL CONDUIT SEPARATION CRITERIA

AV300

SCALE: NTS

CABLE PATHWAY SHALL NOT EXCEED 300 FT. PATHWAYS THAT WILL EXCEED 300 FT MUST BE COORDINATED WITH THE SYSTEMS DESIGNER AND THE AV CONTRACTOR.



3 RISER DIAGRAM DEFINITION

AV300

GENERAL

- SUPPLY AND INSTALL NETWORKS OF CONDUITS (INCLUDING PULLBOXES AND JUNCTION BOXES) AND BACKBOXES, READY FOR PULLING OF WIRE TO CAPTURE THE REQUIREMENTS SHOWN ON AV DRAWINGS.
- THE DESCRIPTION OF CONDUIT SYSTEMS AS SHOWN IN AV SCHEDULES AND RISERS IS SCHEMATIC ONLY AND IS INTENDED TO CONVEY THE REQUIREMENTS OF THE AV CONDUIT SYSTEM SUCH THAT THE AV SYSTEMS WILL FUNCTION CORRECTLY.

BACKBOXES

- THE TERM "BACKBOX" INCLUDES TERMINATION BOXES MOUNTED TO WALLS, CEILINGS AND IN FLOORS. ALL BACKBOXES TO BE SUPPLIED WITH UTILITY COVERS, FASTENED IN PLACE.
- THE DRAWINGS SHOW, APPROXIMATELY, WHERE BACKBOXES ARE TO BE LOCATED. FOR EXACT LOCATIONS, SEE ARCHITECTURAL DRAWINGS OR OBTAIN DIRECTION FROM THE ARCHITECT. THE LOCATIONS OF SOME PULL-BOXES AND JUNCTION BOXES ARE INDICATED FOR REFERENCE. THEIR EXACT LOCATIONS TO BE DETERMINED BY THE CONTRACTOR IN THE FIELD, SUBJECT TO THE REQUIREMENTS SHOWN HEREIN AND IN THE DRAWINGS.
- PROVIDED THAT THE STATED REQUIREMENTS ARE MET, THE ELECTRICAL CONTRACTOR MAY USE ITS DISCRETION TO ADJUST THE DESIGN OF THE CONDUIT NETWORK TO CONFORM TO SITE CONDITIONS AND REALIZE ECONOMIES IN MATERIALS AND/OR PHYSICAL SPACE. EXAMPLE OF SUCH CONDITIONS ARE AS FOLLOWS:
 - ROUTING OF CONDUIT FROM POINT TO POINT MAY BE CHANGED TO RUN VIA AVAILABLE BUILDING LINES AND ACCESSIBLE AREA
 - WITH SHARE GROUPS, MANY SMALLER CONDUITS MAY BE COMBINED INTO FEWER LARGER CONDUITS THAT THE STATED FILL RATIO IS OBSERVED AND NET CAPACITY IS NOT REDUCED.

NOMENCLATURE

- CONSULT AV DRAWINGS FOR DETAILS OF BACKBOX INSTALLATION REQUIREMENTS (SIZE, MOUNTING HEIGHT, ETC.).
- EACH BACKBOX IS IDENTIFIED BY SYSTEM CODE ACCORDING TO THE AV SYSTEM(S) CABLES THAT WILL BE TERMINATED THERE.

SIZE

- UNLESS NOTED OTHERWISE, SIZE CONDUIT ACCORDING TO REQUIREMENTS OF WIRES TO BE CONTAINED THEREIN. THE QUANTITY AND TYPES OF CABLES SHALL BE PROVIDED BY THE AV CONTRACTOR.
- THE FILL RATIO SHALL NOT EXCEED 40%.

MATERIALS

- ALL BACKBOXES TO BE MANUFACTURED OF STEEL.
- ALL BACKBOXES TO BE 75MM (3") DEEP OR GREATER, EXCEPT CEILING LOUDSPEAKER BACKBOXES, WHICH ARE SPECIFIED SEPARATELY.
- ALL SUSPENDED BACKBOXES SHALL INCLUDE AT LEAST ONE REDUNDANT CHAIN TO BE FASTENED TO THE CEILING SLAB OR OTHER STRUCTURAL MEMBER FOR SEISMIC AND FIRE SAFELY PURPOSES. TENSION RATING OF CHAIN AND FASTENERS TO MEET CODE REQUIREMENTS.
- WHERE NOTED ON DRAWINGS, USE RIGID CONDUIT UP TO 2400MM (8'-0") ABOVE FINISHED FLOOR WHERE EXPOSED INDOORS AND SUBJECT TO DAMAGE. USE EPOXY COATED RIGID CONDUIT WHERE EXPOSED IN CORROSIVE AREAS INDOORS.
- UNLESS NOTED OTHERWISE, PVC CONDUIT, BUSHINGS AND CONNECTIONS ARE NOT ACCEPTABLE.
- ALL EXPOSED SURFACE-MOUNTED GANG BACKBOXES (I.E. MOUNTED TO EXPOSED CONCRETE COLUMNS OR WALLS) SHALL BE SIMILAR TO WIREMOLD V5744-SERIES, ALLOWING FOR ALL COVER PLATES TO NOT OVERHANG BACKBOX. STANDARD METAL ELECTRICAL BACKBOXES ARE NOT ACCEPTABLE.

INSTALLATION

- COORDINATE BACKBOX LOCATIONS AS REQUIRED WITH ELECTRICAL POWER RECEPTACLES AND LIGHT SWITCHES TO PRESENT A UNIFORM APPEARANCE TO THE SATISFACTION OF THE ARCHITECT.
- MOUNT SURFACE OR RECESSED ACCORDING TO LOCAL FINISH REQUIREMENTS, AT THE DISCRETION OF THE ARCHITECT.
- MARK BACKBOXES IN THE FIELD CONSISTENT WITH THE DRAWINGS FOR IDENTIFICATION PURPOSES. USE PERMANENT MARKER TO MARK ID AND SYSTEM CODE ON THE FACING SURFACE OF THE BACKBOX.
- COORDINATE CEILING BACKBOXES WITH OTHER SERVICES IN CEILING SUCH THAT BACKBOXES ARE CLEAR OF INTERFERENCES AND DIRECTLY ACCESSIBLE FROM BELOW.
- IN OPEN CEILINGS, WHERE CHAIN OR STRUT IS THE PRIMARY HANGING SUPPORT, ENSURE THAT LOUDSPEAKER ARE SUSPENDED PLUMB AND LEVEL AT CONSISTENT HEIGHT ABOVE FINISHED FLOOR.
- WHERE LOUDSPEAKER BACKBOXES WILL BE CONCEALED ABOVE PLASTER OR GYPSUM BOARD CEILING PRIOR TO INSTALLATION OF THE LOUDSPEAKERS, PROVIDE PULLSTRING SUSPENDED BELOW THE CEILING LINE TO INDICATE ITS LOCATION.
- ALL JUNCTION BOXES MUST BE ACCESSIBLE AFTER THE INSTALLATION OF WALL FINISHES AND OTHER PERMANENT BUILDING FEATURES.

CONDUIT ORGANIZATION

- UNLESS NOTED OTHERWISE, PROVIDE A SEPARATE NETWORK CONNECTING ALL BACKBOXES OF EACH SYSTEM, AS IDENTIFIED ON THE DRAWINGS.
- UNLESS NOTED OTHERWISE, PROVIDE CONDUIT TO JOIN EVERY BACKBOX TO THE NETWORK(S), WHETHER OR NOT THE CONDUIT IS SPECIFICALLY DESCRIBED HEREIN.

BONDING

- ALL CONDUIT, PULL BOXES AND JUNCTION BOXES TO BE CONTINUOUSLY GROUNDED BY MEANS OF BONDING STRAPS LINKING EACH ELEMENT.
- LOW VOLTAGE CONDUITS SHALL BE MECHANICALLY AND ELECTRICALLY ISOLATED FROM SOUND SYSTEM EQUIPMENT RACKS. AT RACKS, USE ISOLATED CONNECTION, SUCH AS PVC BUSHING, SUCH THAT CONDUIT REMAINS ISOLATED FROM THE RACK. CONNECT LOW VOLTAGE CONDUITS WITH HEAVY INSULATED GROUND WIRE TO THE NEAREST GROUND OF A UTILITY PANEL.

PROXIMITIES AND ROUTING

- AV CONDUITS AND AC CONDUITS RUN IN PARALLEL SHOULD BE SEPARATED BY A DISTANCE OF 24" FOR RUNS LESS THAN 75'. FOR PARALLEL RUNS GREATER THAN 75' DOUBLE ALL VALUES.
- DO NOT RUN WIRING, RACEWAYS AND CONDUIT NEAR POWER TRANSFORMERS, LIGHTING DIMMERS, POWER CONTROL EQUIPMENT, HEAVY CURRENT SWITCHGEAR, FUSEBOARDS, FLUORESCENT BALLASTS, MOTORS, OR ANY OTHER EQUIPMENT WHICH RADIATES EMI.
- CROSS CONDUITS OF POWER SYSTEMS AT 90 DEGREES.
- UNUSUALLY HEAVY CURRENT DEMANDS IN ADJACENT CONDUIT OR LONG PARALLEL RUNS MAY DICTATE GREATER SEPARATION TO AVOID INTERFERENCE IN THE SOUND AND VIDEO. IDENTIFY SUCH INSTANCES ON SITE AND CONSULT WITH ELECTRICAL CONSULTANT FOR RESOLUTION PRIOR TO INSTALLATION OF CONDUITS.
- WHERE CONDUIT CROSSES ACOUSTICAL JOINTS, PROVIDE ISOLATION METHODS AS SHOWN IN ARCHITECTURAL DETAIL.
- CONDUIT EXPANSION FITTINGS TO BE PROVIDED WHEN CROSSING BUILDING EXPANSION JOINTS. CROSSING TO BE DONE AT 90 DEGREES TO JOINT.
- ALL WALL-MOUNTED PAGING LOUDSPEAKER AND ATTENUATOR BACKBOXES ARE TO BE SERVED BY CONDUIT ROUTED INTO CEILING SPACE ABOVE.

INSTALLATION

- BEND RADIUS OF CONDUIT MUST BE NO LESS THAN 10 (TEN) TIMES THE CONDUIT DIAMETER. BEND CONDUIT WITHOUT HEATING, REPLACE CONDUIT IF CHINKED OR FLATTENED MORE THAN 1/10 OF THE ORIGINAL DIAMETER.
- MINIMUM DISTANCE BETWEEN TWO PULL BOXES TO INCLUDE A MAXIMUM OF 2 (TWO) 90 DEGREES BENDS OR EQUIVALENT UP TO 180 DEGREES, OR 30M (100') OF CONDUIT, WHICHEVER IS LESS.
- MARK ALL CONDUITS IN THE FIELD FOR IDENTIFICATION PURPOSES. FOR RISERS, SHOW SHARE GROUP LETTER AT EVERY JUNCTION BOX. FOR HORIZONTAL RUNS, SHOW DEVICE LOCATION ID AND SHARE GROUP LETTER AT EVERY JUNCTION BOX.

PULL STRINGS

- FISH PULL-STRINGS THROUGH ALL NETWORKS. AT EACH END OF EACH PULL-STRING, LABEL STRING WITH ID OF OTHER END. SECURE BOTH ENDS OF STRING TO CONDUIT OUTSIDE BACKBOX TO PREVENT IT FROM RE-ENTERING CONDUIT.
- WHERE LOUDSPEAKER BACK BOXES WILL BE CONCEALED ABOVE PLASTER OR GYPSUM BOARD CEILING PRIOR TO INSTALLATION OF THE LOUDSPEAKERS, PROVIDE PULL STRING SUSPENDED BELOW THE CEILING LINE TO INDICATE ITS LOCATION.
- FASTEN UTILITY COVERS TO ALL BACKBOXES.

1 AV CONDUIT AND BACKBOX NETWORK

AV300

SCALE: NTS

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galardo@senecacollege.ca

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO

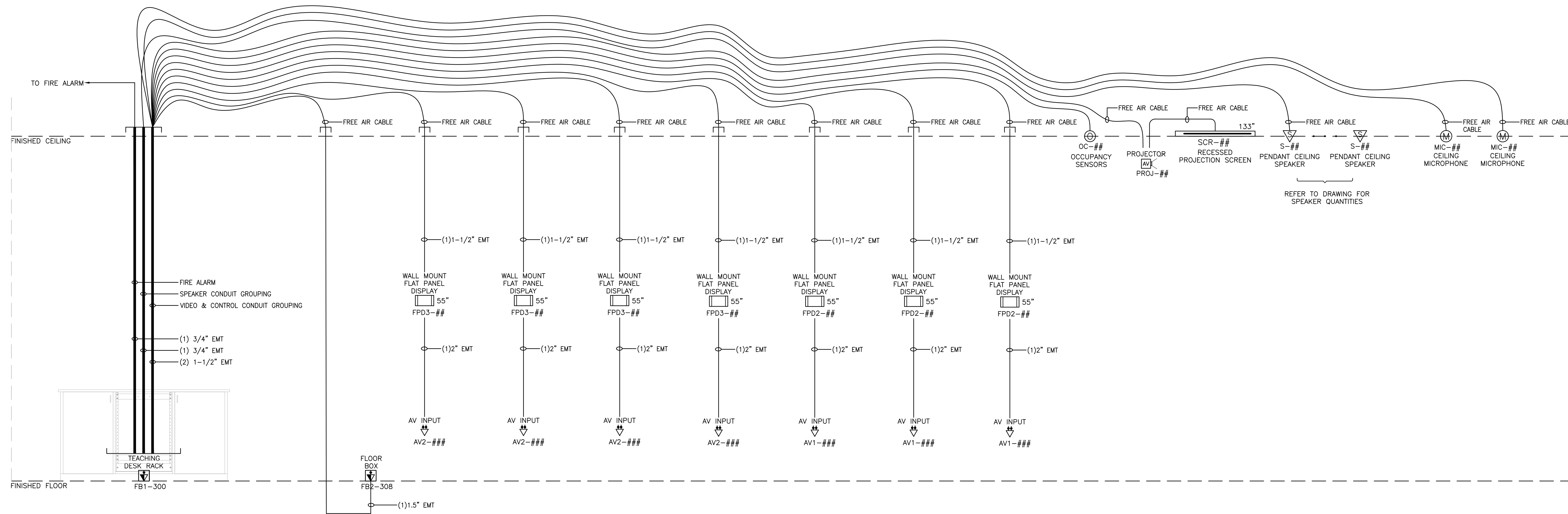


AV CONDUIT NOTES

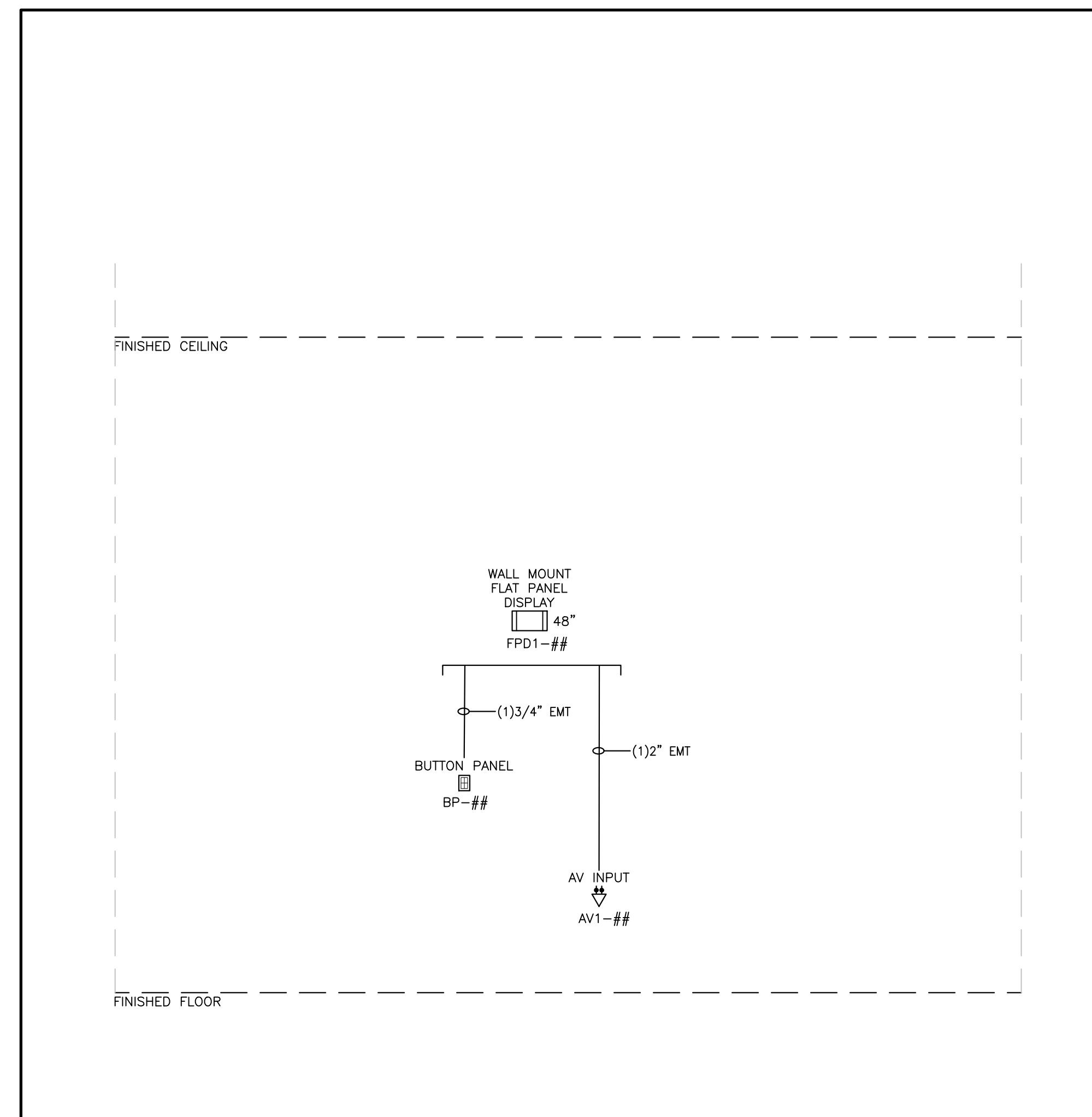
Smith + Andersen
 1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N9
 416 467 8101 / 416 467 8104 smithandandersen.com

ARTIFACT DESIGN + DEVELOPMENT
 31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

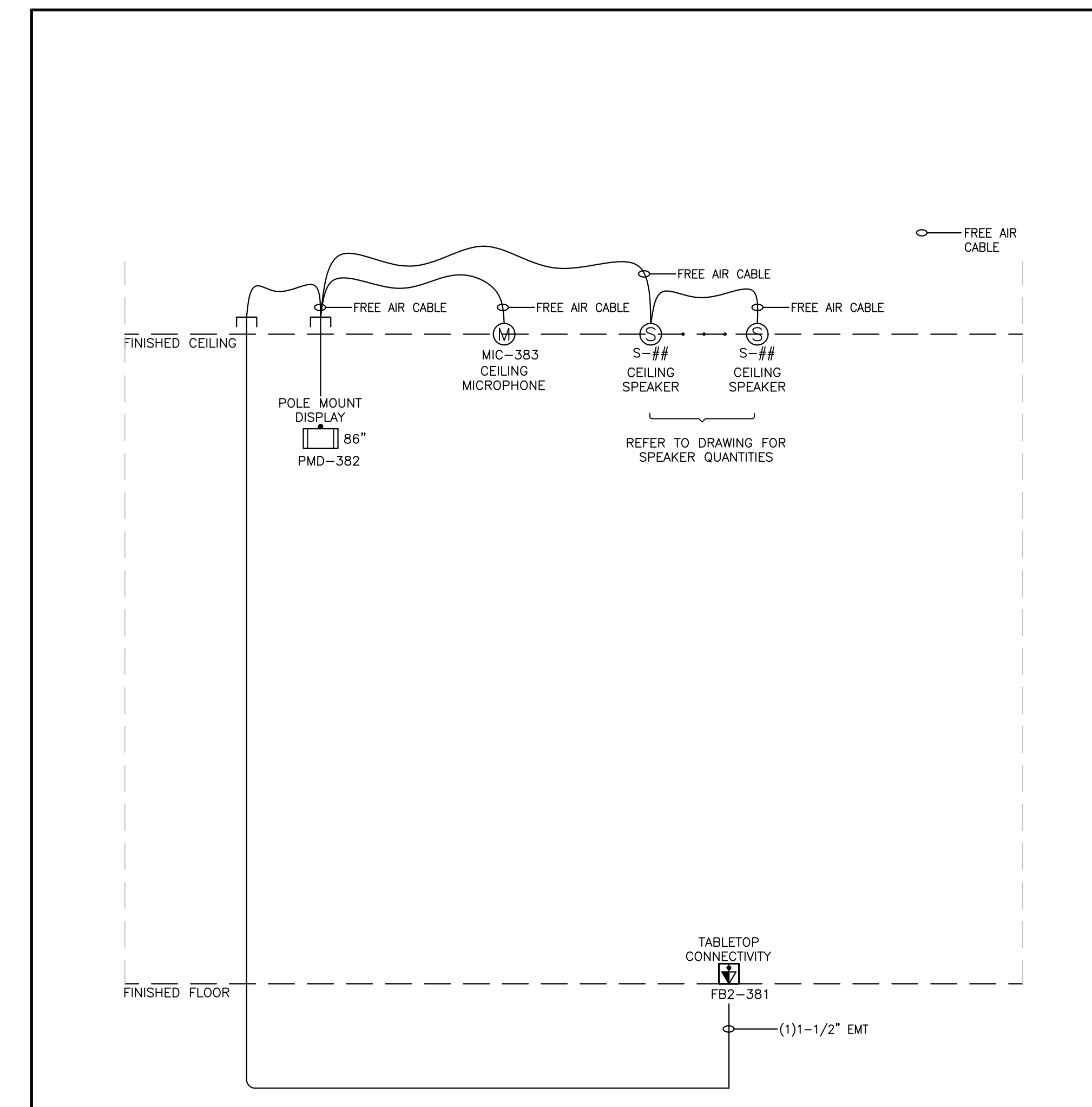
SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV300



1 OPEN ENGINEERING AV RISER DIAGRAM



3 CAPSTONE ROOMS AV RISER DIAGRAM



2 SHARED MEETING ROOM AV RISER DIAGRAM

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT'S BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galardo@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



AV RISER DIAGRAM

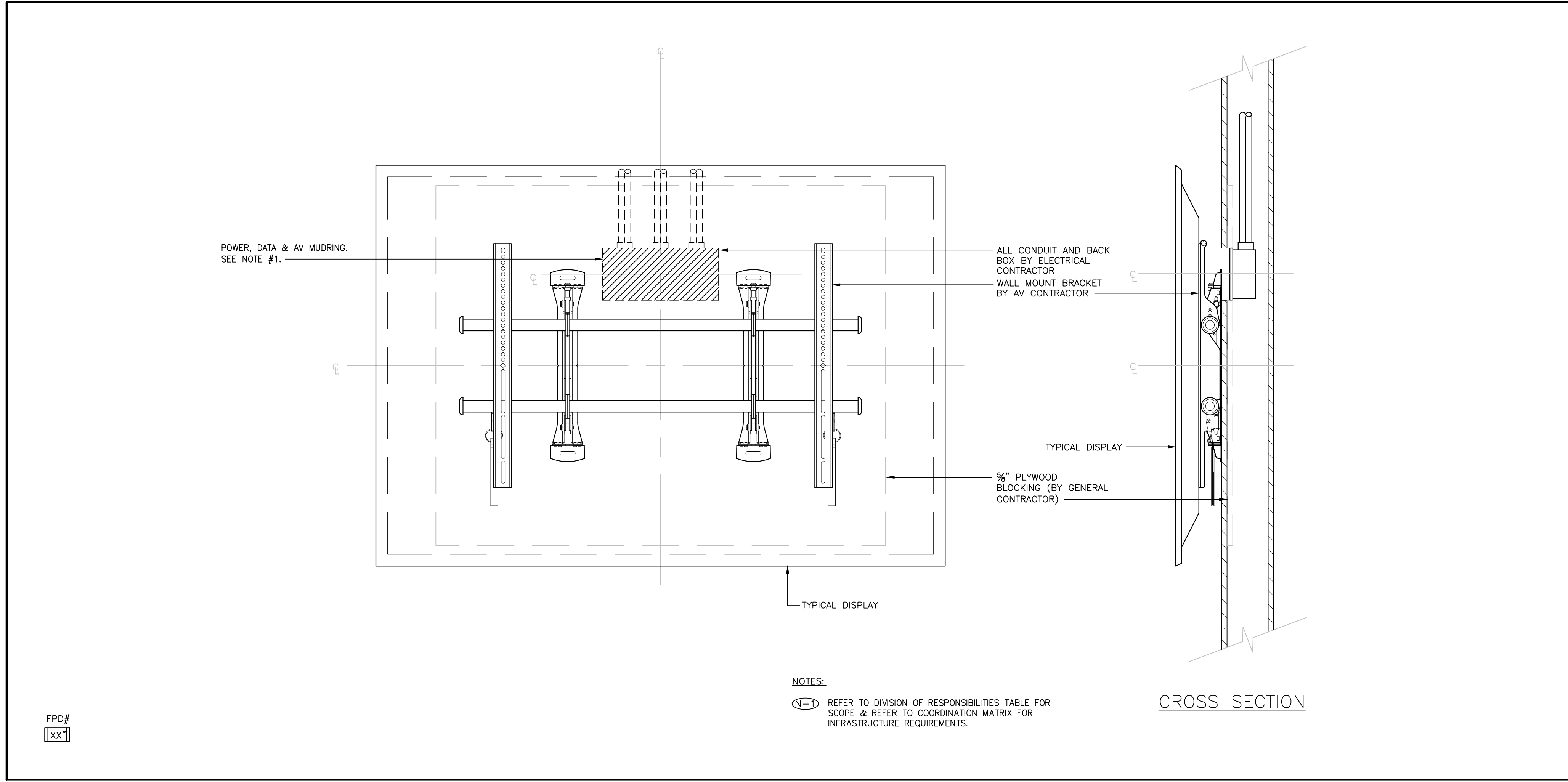
Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N2
 416 467 8101 / 416 467 8104 smithandandersen.com

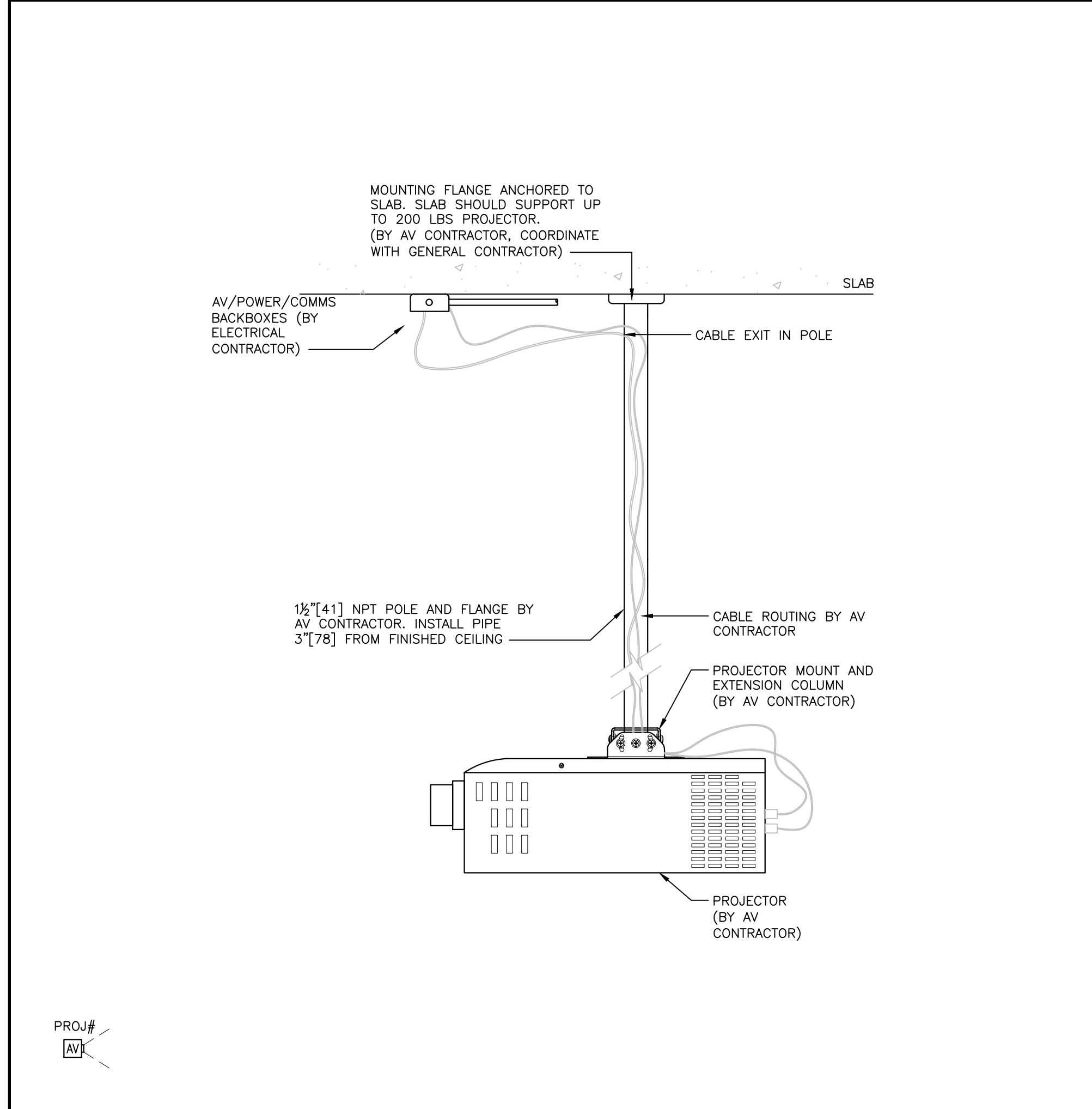
ARTIFACT DESIGN + DEVELOPMENT

31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

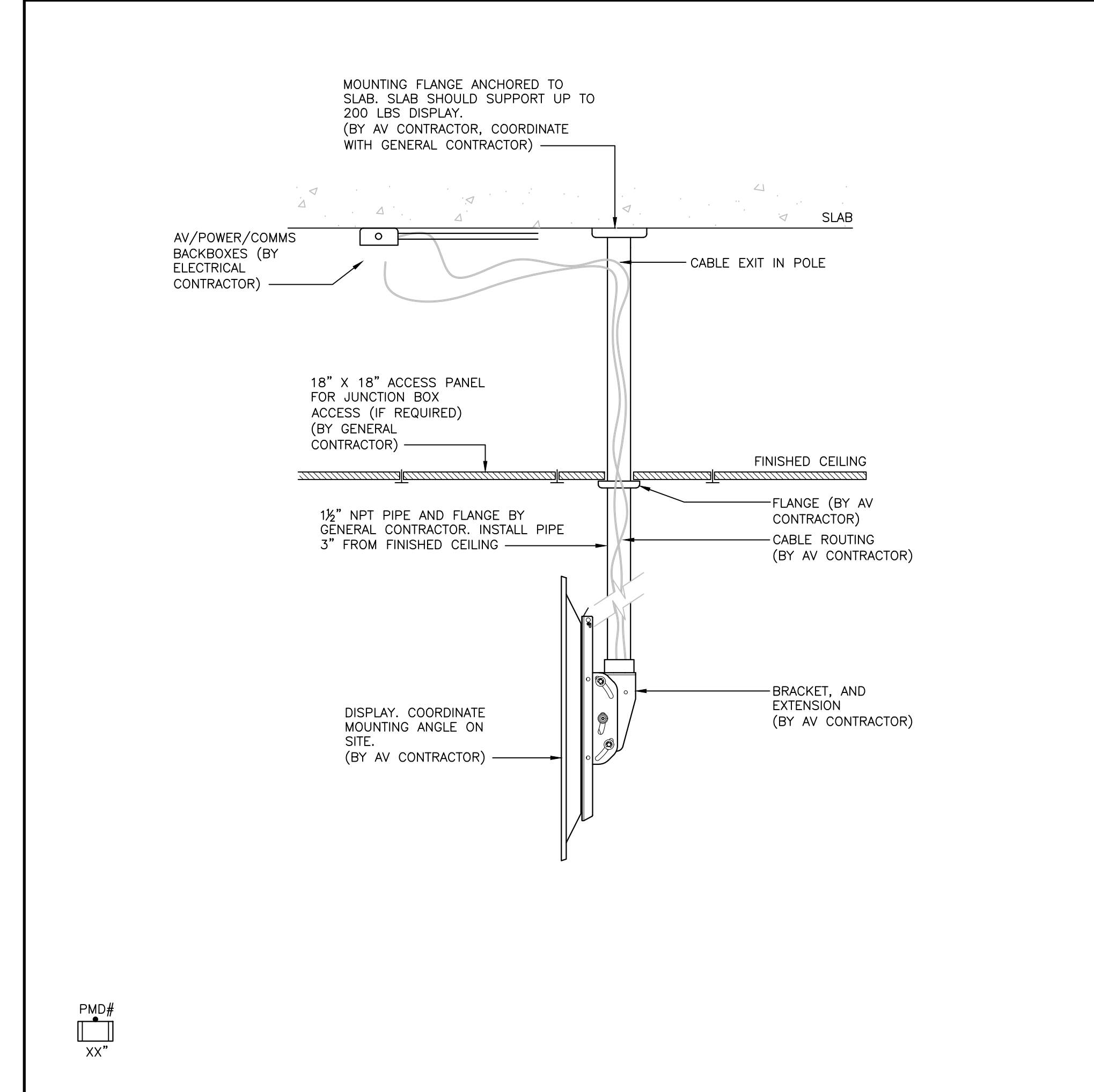
SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV301



1 WALL MOUNT FLAT PANEL DISPLAY
SCALE: NTS



3 POLE MOUNTED PROJECTOR IN OPEN CEILING CEILING
SCALE: NTS



2 POLE MOUNTED DISPLAY IN TILE CEILING
SCALE: NTS

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galardo@smithandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



AV DETAILS

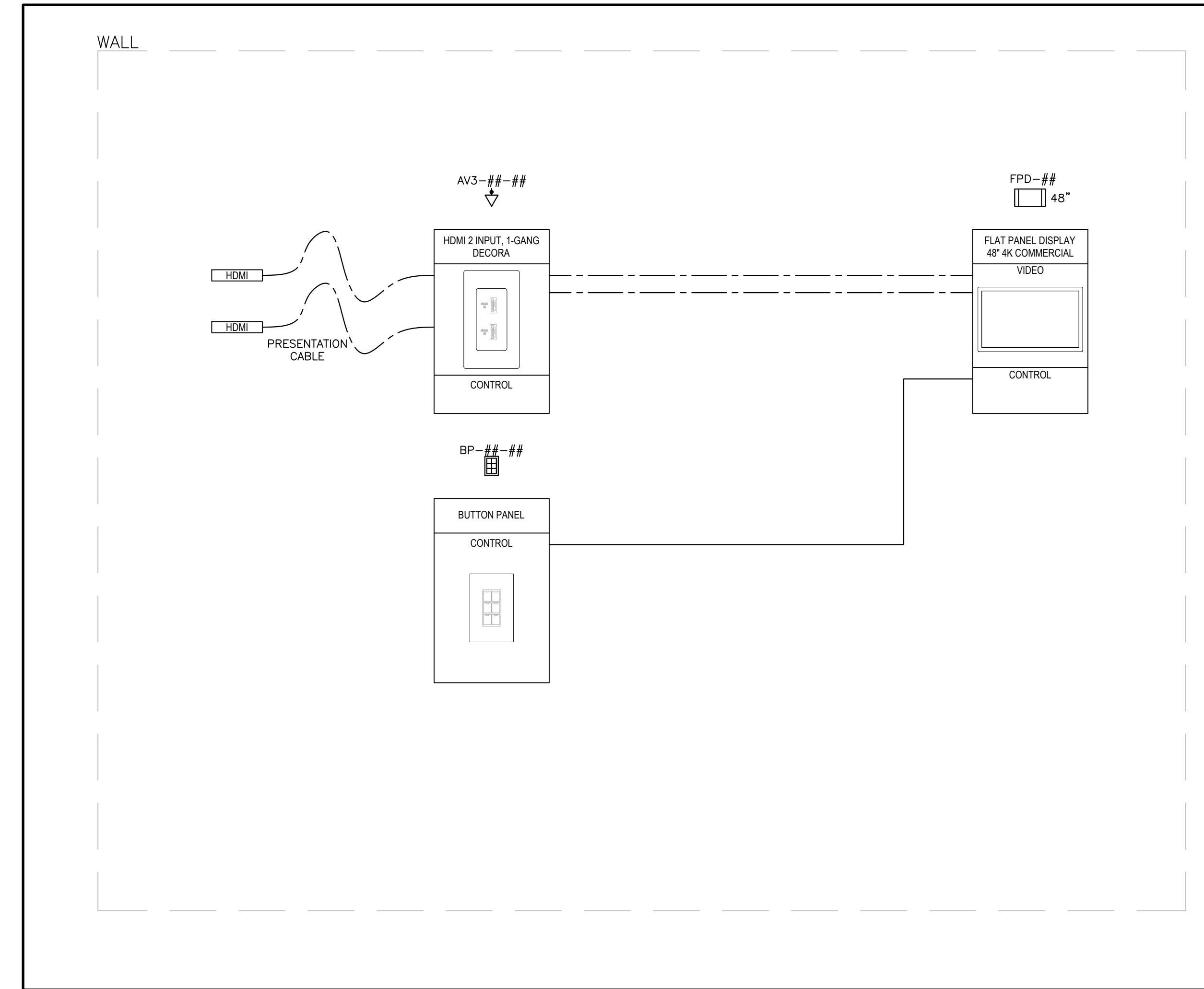
Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6R2
 416 467 8191 / 416 467 8124 smithandersen.com

ARTIFACT DESIGN + DEVELOPMENT

31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
AV401	



1 AV500 CAPSTONE ROOMS AV FUNCTIONALS

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT'S BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat_galaro@smithandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



AV FUNCTIONALS



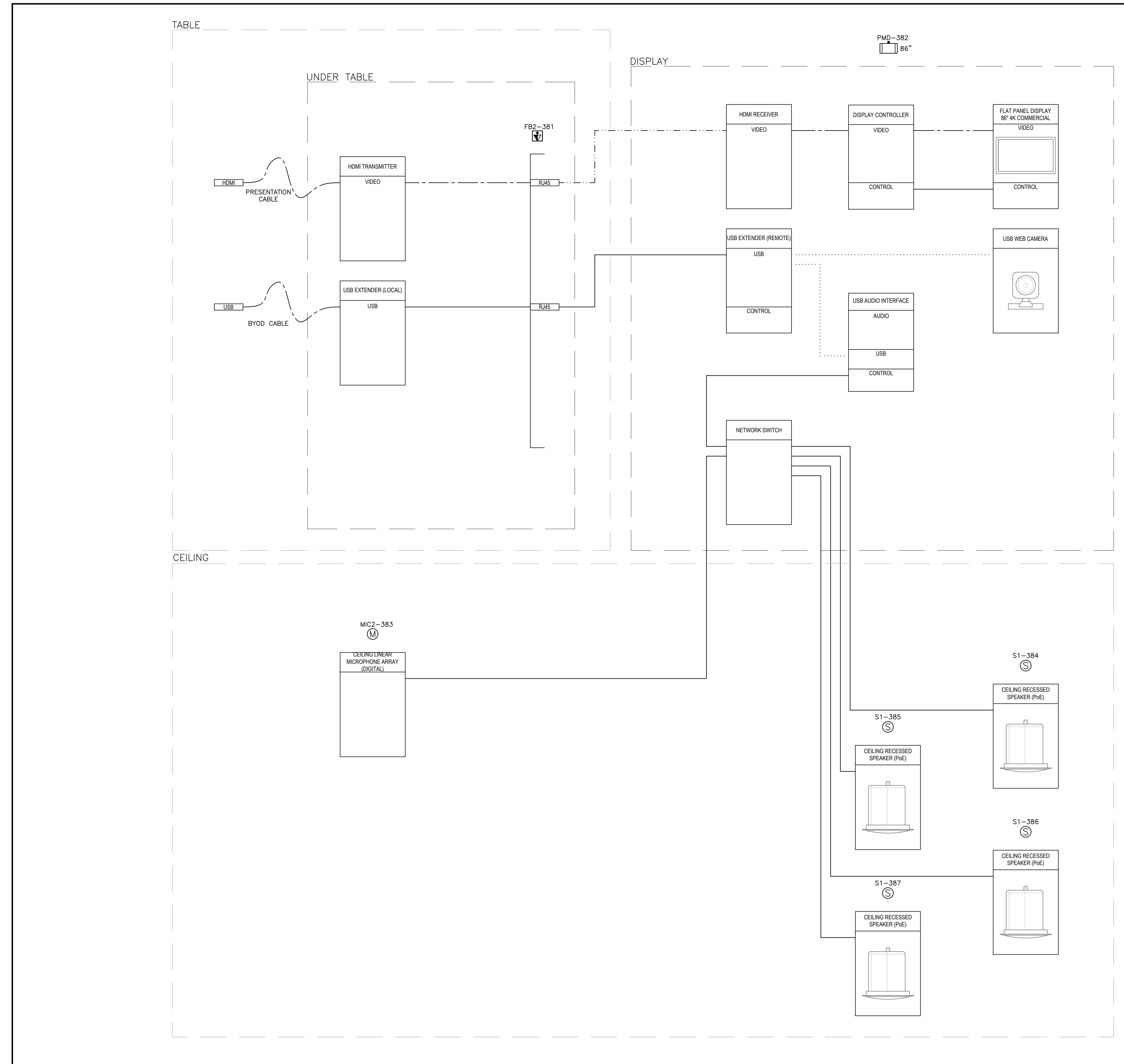
Smith + Andersen
1100 - 100 Sheppard Ave. East, Toronto Ont, M2K 6R9
 416 467 8191 / 416 467 8154 smithandersen.com



31 PLYMBRIDGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

LEGEND	
HDMI	-----
VIDEO	- - - - -
AUDIO	-----
CONTROL	-----
USB

SCALE	PROJECT NUMBER
DATE 4/11/2024	
DRAWN BY NL	DRAWING AV500
CHECKED BY PG	



1 SHARED MEETING ROOM
AV501 AV FUNCTIONALS

LEGEND	
HDMI	-----
VIDEO	-----
AUDIO	-----
CONTROL	-----
USB	-----

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANT.

PROJECT CONTACT	
NAME:	PAT GALARDO
TEL:	416 572 8503
EMAIL:	pat.galaro@smithandersen.com
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.	

SENECA
ENGINEERING LAB
AT NH K3170
SENECA COLLEGE, NEWNHAM CAMPUS
1750 FINCH AVE. E., TORONTO

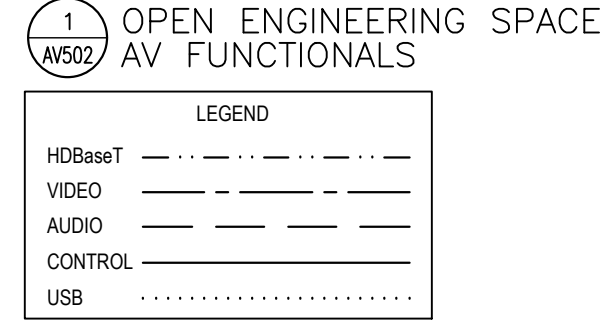
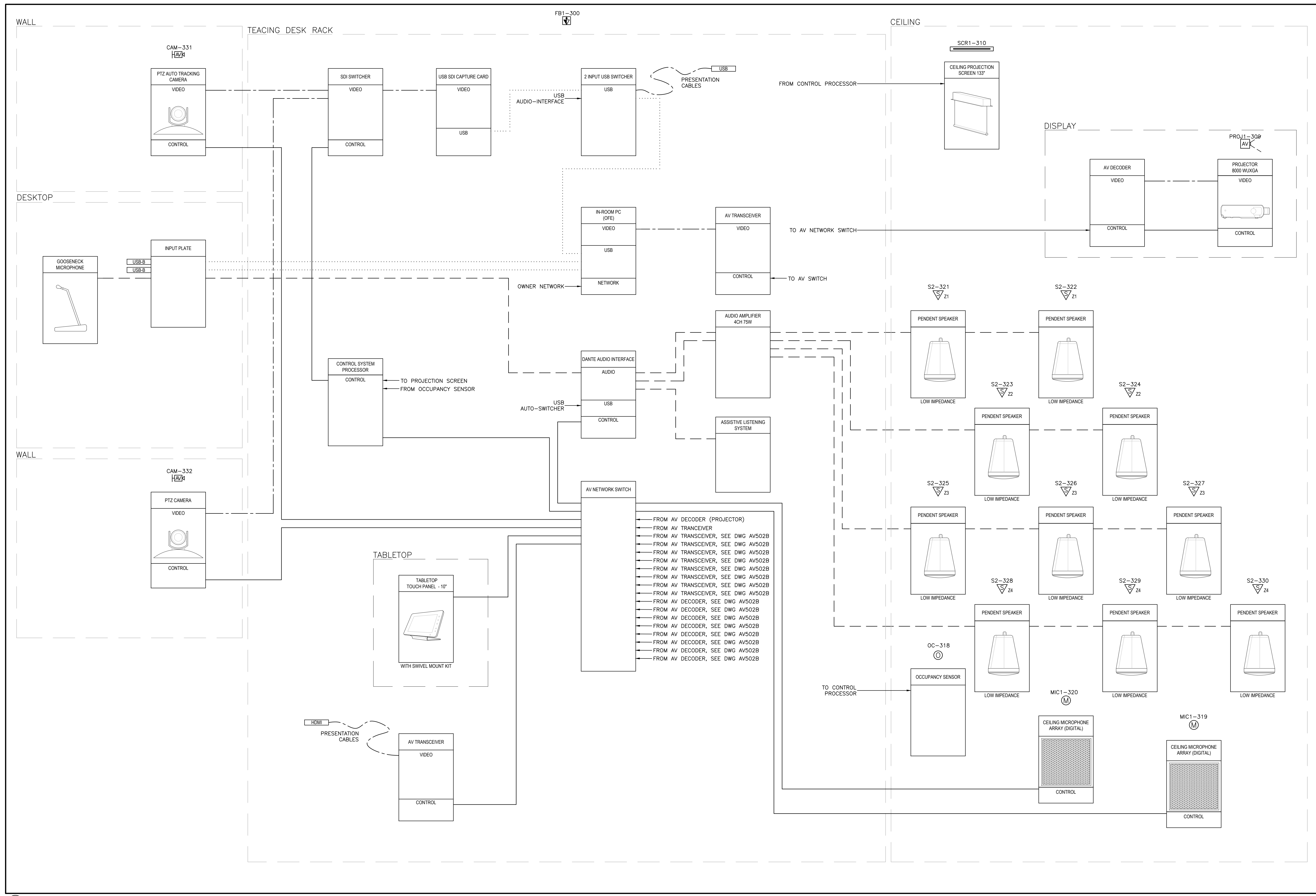
Seneca

AV FUNCTIONALS

Smith + Andersen
1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N2
416 467 8101 / 416 467 8104 smithandersen.com

ARTIFACT
DESIGN + DEVELOPMENT
31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
TEL: 416-414-7095
EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV501



NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANTS BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANTS.

PROJECT CONTACT

NAME: PAT GALARDO
 TEL: 416 572 8503
 EMAIL: pat.galardo@smithandandersen.com

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.

SENECA ENGINEERING LAB AT NH K3170

SENECA COLLEGE, NEWNHAM CAMPUS
 1750 FINCH AVE E., TORONTO



AV FUNCTIONALS

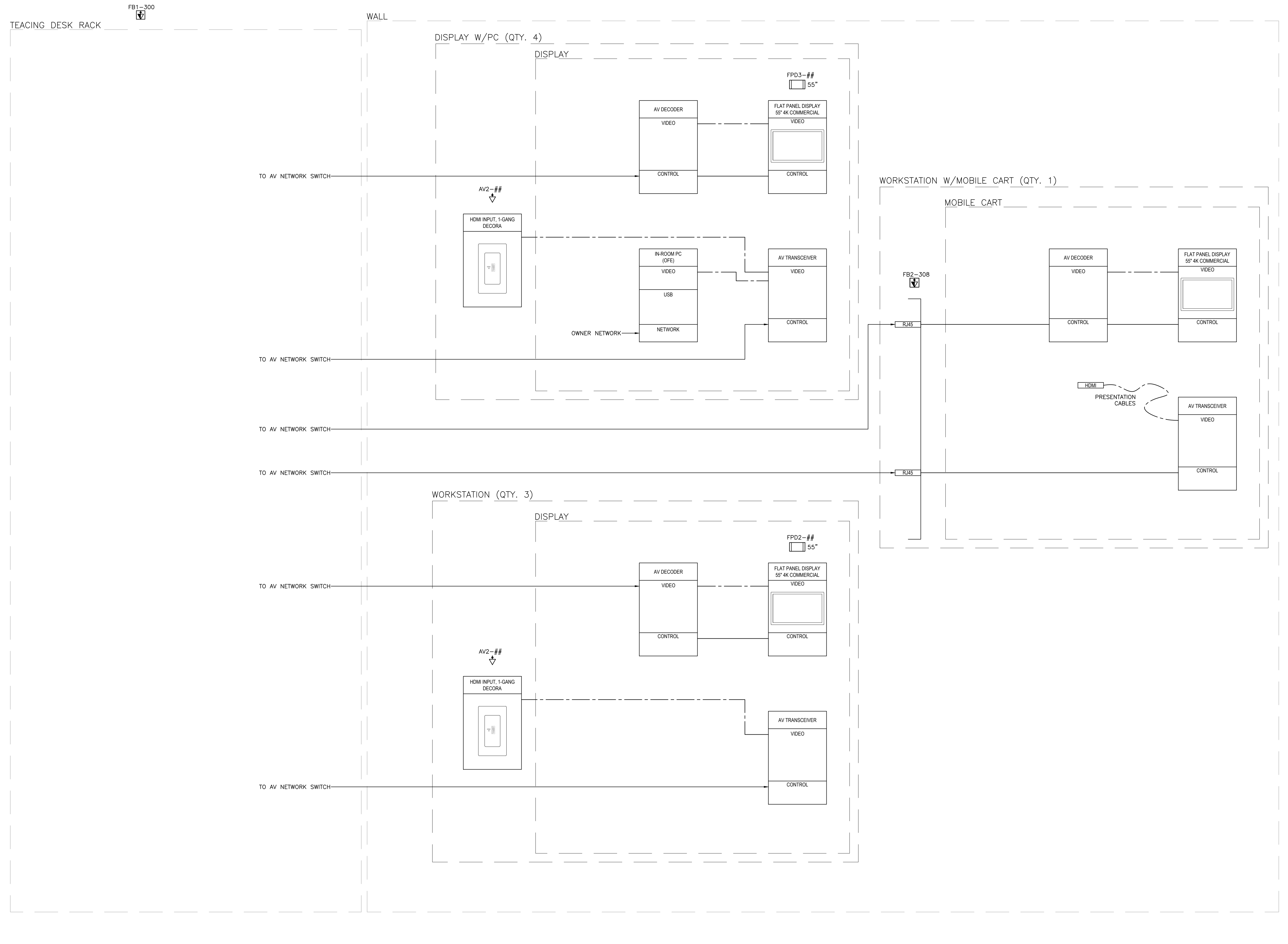
Smith + Andersen

1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N9
 416 467 8101 / 416 467 8104 smithandandersen.com

ARTIFACT
 DESIGN • DEVELOPMENT

31 PLYMBOURGE CRESCENT, TORONTO, ON M2P 1P4
 TEL: 416-414-7095
 EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV502A



LEGEND	
HDBaseT	- - - - -
VIDEO	— — — — —
AUDIO	- - - - -
CONTROL	— — — — —
USB

NO	REVISIONS	DATE
2	ISSUED FOR TENDER	04/12/2024
1	ISSUED FOR COORDINATION	04/03/2024
NO	ISSUED	DATE

DRAWINGS ARE NOT TO BE SCALED. CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT, AND MUST REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. THE USE OF THIS DRAWING OR PART THEREOF IS FORBIDDEN WITHOUT THE WRITTEN APPROVAL OF THE CONSULTANT.

PROJECT CONTACT	
NAME:	PAT GALARDO
TEL:	416 572 8503
EMAIL:	pat.galaro@smithandandersen.com
THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ADDITIONAL SPECIFICATION SUBMITTED FOR THIS PROJECT.	

SENECA ENGINEERING LAB AT NH K3170
SENECA COLLEGE, NEWNHAM CAMPUS
1750 FINCH AVE E., TORONTO



AV FUNCTIONALS

Smith + Andersen
1100 - 100 Sheppard Ave. East, Toronto Ont, M2N 6N6
416 467 8151 / 416 467 8154 smithandandersen.com

ARTIFACT
DESIGN • DEVELOPMENT
31 PLYMBRIDGE CRESCENT, TORONTO, ON M2P 1P4
TEL: 416-414-7095
EMAIL: DIANA@ARTIFACTDEVELOPMENT.CA

SCALE	PROJECT NUMBER
DATE	4/11/2024
DRAWN BY	NL
CHECKED BY	PG
	AV502B