



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

**Bid Receiving
PWGSC
33 City Centre Drive
Suite 480C
Mississauga
Ontario
L5B 2N5
Bid Fax: (905) 615-2095**

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

**Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution
Public Works and Government Services Canada
Ontario Region
33 City Centre Drive
Suite 480
Mississauga
Ontario
L5B 2N5

Title - Sujet Audio Video for GTA Consolidation	
Solicitation No. - N° de l'invitation EQ754-181239/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client EQ754-181239	Date 2018-01-19
GETS Reference No. - N° de référence de SEAG PW-\$TOR-215-7464	
File No. - N° de dossier TOR-7-40131 (215)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-02-05	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Lopez, Maria	Buyer Id - Id de l'acheteur tor215
Telephone No. - N° de téléphone (905) 615-2071 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

PUBLIC WORKS GOVERNMENT SERVICES CANADA

4900 YONGE STREET, TORONTO, ONTARIO

AUDIO AND VIDEO DESIGN

SIGHT N SOUND DESIGN INC

DRAWING LIST

AV-00	TITLE PAGE	AV-13	LEVEL 11 - LARGE MEETING ROOMS
AV-01	KEY PLAN	AV-14	LEVEL 12 - CLOSED COLLABORATON ROOMS
AV-02	CHART OF RESPONSIBILITIES AND LEGEND	AV-15	LEVEL 12 - SMALL MEETING ROOMS
AV-03	LEVEL 10 - CLOSED COLLABORATON ROOMS	AV-16	LEVEL 12 - MEDIUM MEETING ROOMS
AV-04	LEVEL 10 - SMALL MEETING ROOMS	AV-17	TYPICAL AV DIAGRAM FOR CLOSED COLLABORATION ROOMS
AV-05	LEVEL 10 - MEDIUM MEETING ROOMS	AV-18	TYPICAL AV DIAGRAM FOR SMALL MEETING ROOMS
AV-06	LEVEL 10 - LARGE MEETING ROOMS	AV-19	TYPICAL AV DIAGRAM FOR MEDIUM MEETING ROOMS
AV-07	LEVEL 10 - COMPUTER TRAINING AND CONFERENCE ROOM	AV-20	TYPICAL AV DIAGRAM FOR LARGE MEETING ROOMS
AV-08	LEVEL 10 - ATRIUM	AV-21	DETAIL SHEET #1
AV-09	LEVEL 10 - AUDIO VISUAL EQUIPMENT ROOM	AV-22	DETAIL SHEET #2
AV-10	LEVEL 11 - CLOSED COLLABORATON ROOMS	AV-23	DETAIL SHEET #3
AV-11	LEVEL 11 - SMALL MEETING ROOMS	AV-24	DETAIL SHEET #4
AV-12	LEVEL 11 - MEDIUM MEETING ROOMS		

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
RICHMOND HILL, ON L4B 3A8
TEL: (905) 882-0042
FAX: (905) 471-2952

GENERAL NOTES

1. DO NOT SCALE THESE DRAWINGS.
2. GENERAL AND ELECTRICAL CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE GENERAL CONTRACTOR PRIOR TO PROCEEDING WITH ANY WORK.
3. THIS DRAWING WAS DEVELOPED FOR A SPECIFIC PURPOSE. USE FOR ANY OTHER PURPOSE IS NOT PERMITTED. THIS DRAWING SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF SIGHT N SOUND DESIGN INC.
4. THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
5. ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
6. ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
7. ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
8. ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
9. ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
10. LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

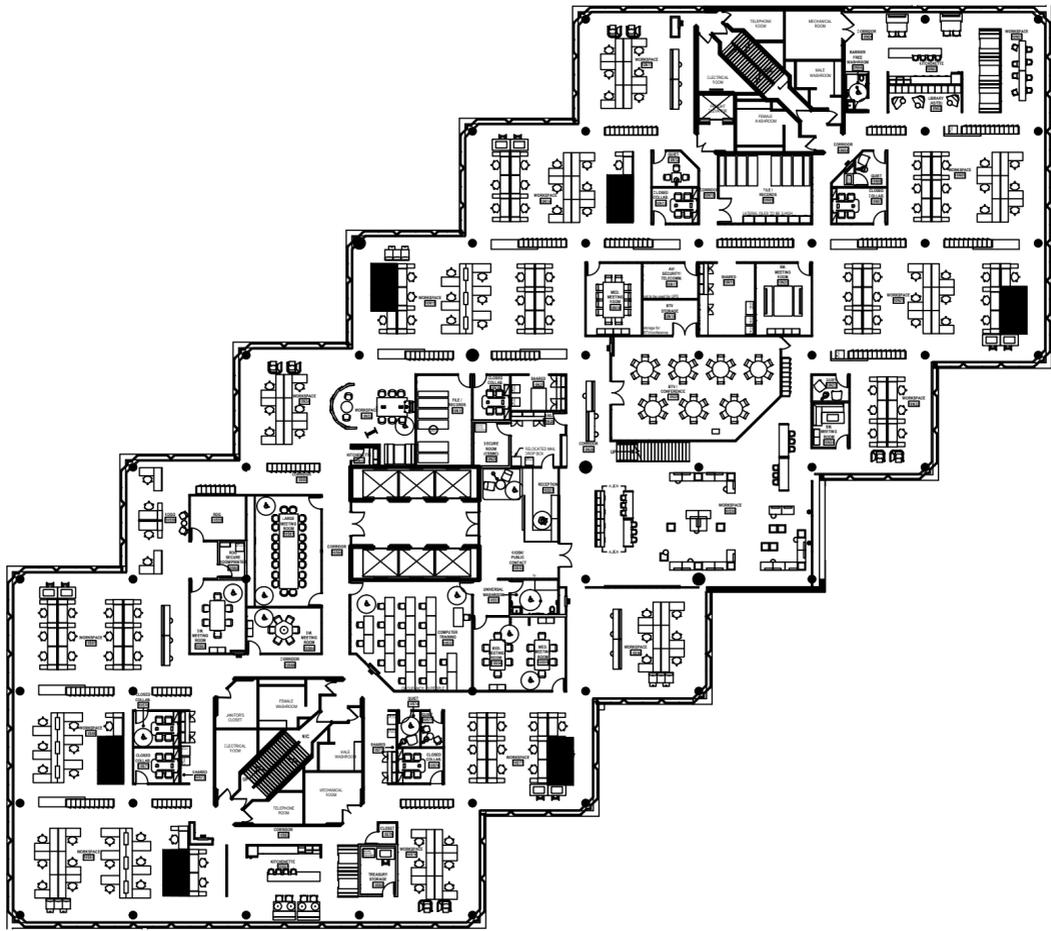
PROJECT: PUBLIC WORKS
GOVERNMENT SERVICES
CANADA

TITLE: TITLE PAGE

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-00

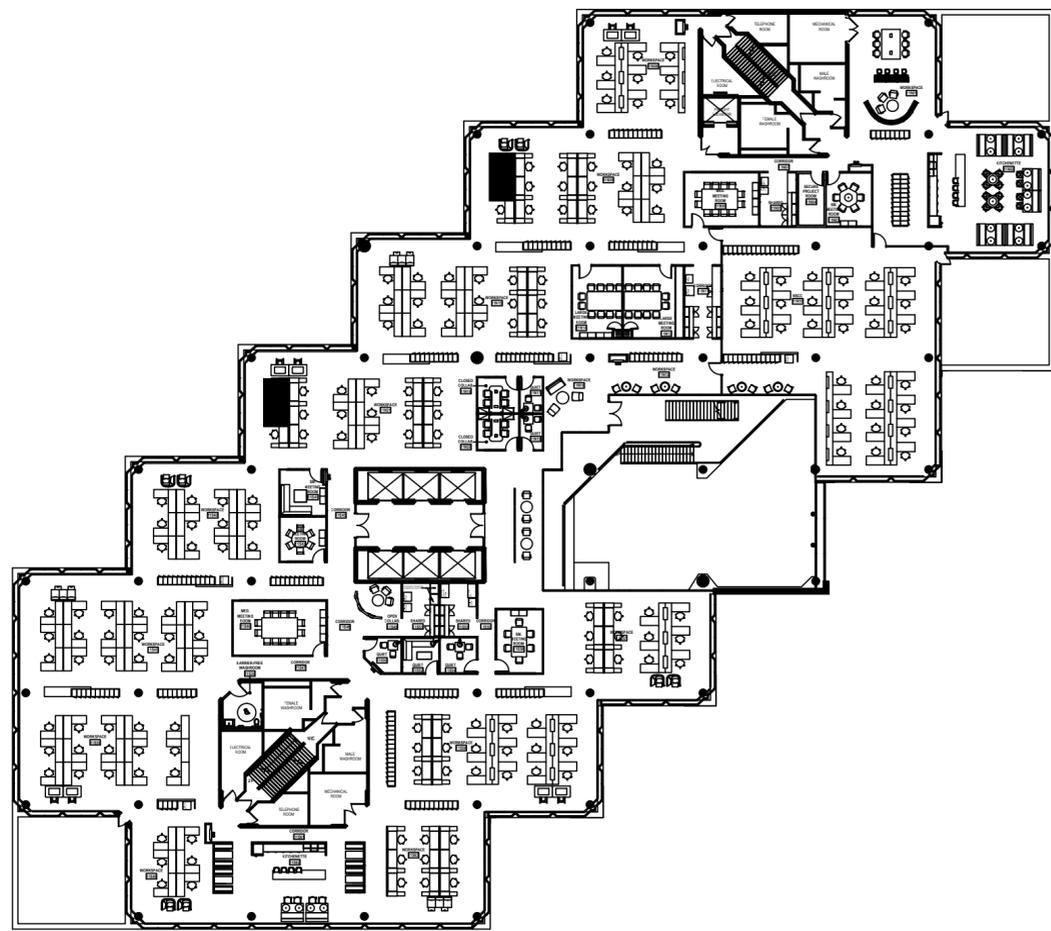
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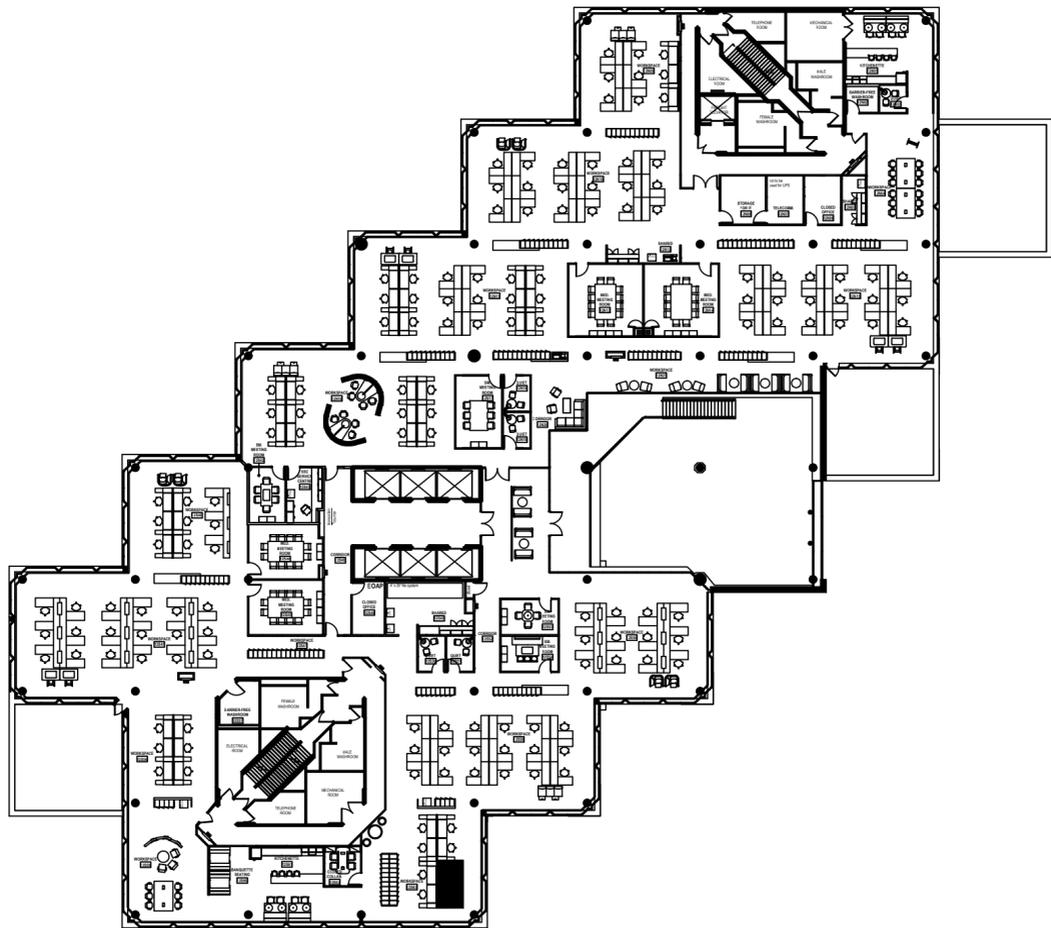
1 KEYPLAN - LEVEL 9

Scale: NTS



2 KEYPLAN - LEVEL 10

Scale: NTS



3 KEYPLAN - LEVEL 11

Scale: NTS

REV.	DESCRIPTION	DATE	APPR.
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2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: KEY PLAN

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-01

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11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

CHART OF RESPONSIBILITIES

ITEM NUMBER	ITEM OF WORK	AV CONTRACTOR	ELECTRICAL CONTRACTOR	MILLWORK / FURNITURE	FLOORING	COMMUNICATIONS CONTRACTOR	GENERAL/OTHER CONTRACTOR
①	AUDIO VISUAL SYSTEM INTEGRATION	DESIGN CONSULT ALL MATTERS RELATING TO AV SYSTEM INTEGRATION REQUIRED FOR THIS PROJECT	ALL ELECTRICAL AV RELATED POWER, AV CONDUITS AND STANDARD BACK BOXES.	COORDINATE ALL RELATED AUDIO VISUAL ITEMS WITH AC CONTRACTOR.	COORDINATE ALL REQUIRED AV FLOOR BOX LOCATIONS WITH AV CONTRACTOR	COORDINATE ALL REQUIRED COMMUNICATIONS ITEMS WITH AV CONTRACTOR.	COORDINATION AND PROVISION FOR ALL REQUIRED STRUCTURAL MOUNTING OF AUDIO VISUAL COMPONENTS, PLACEMENT AND ALL OTHER MATTERS RELATING TO THE AUDIO VISUAL INTEGRATION AND REQUIRED BY BUILDING COMPONENTS
②	RACEWAY, CABLE TRAYS, BACK BOXES, WIREWAYS AND CONDUITS	SUPPLY FOR TOUCH PANEL LOCATIONS ONLY	SUPPLY AND INSTALLATION	PROVIDE REQUIRED CABLE PATHWAYS IN MILLWORK			COORDINATION TO ENSURE ALL WORK BY OTHER TRADES IS COMPLETED ON TIME AND IS READY FOR AUDIO/VISUAL SYSTEM INSTALLATION START DATE
③	FLOOR BOXES SUCH AS DEFENSE AND CROWN POSITIONS	SUPPLY ALL AUDIO PANEL INSERTS, COMMISSION AND TEST	SUPPLY AND INSTALL FLOOR BOXES SUITABLE FOR AUDIO SYSTEM REQUIREMENTS. PROVIDE MANUFACTURER'S FLOOR BOX BLANK INSERT TO ACCEPT AUDIO CONNECTION PANEL DEVICES SUPPLIED BY AUDIO VISUAL	ENSURE ALIGNMENT OF CABLE ENTRY POINTS WITH FLOOR BOXES	CUT FLOOR AS REQUIRED		COORDINATION TO ENSURE FLOOR BOXES ARE CORRECTLY LOCATED TO SUIT FINAL TABLE POSITIONS AS INDICATED ON INTERIOR DESIGN AND AV DRAWINGS.
④	AUDIO VISUAL FLOOR BOX CONNECTION DEVICE PANEL INSERTS	SUPPLIED AND TERMINATED BY AUDIO VISUAL, COMMISSION AND TEST	PULL CABLE IN ACCORDANCE WITH AUDIO VISUAL DRAWINGS.				
⑤	CEILING LOUSPEAKERS	SUPPLY, TERMINATED, INSTALL AND COMMISSION	INSTALL REQUIRED CABLE PROVIDED BY AV.				PROVIDE CEILING CUT OUTS AS REQUIRED
⑥	CABLE AND WIRE FOR AUDIO/VIDEO SYSTEMS	TERMINATE AT AV RACK LOCATION AND COMMISSION	INSTALL AV CABLES	PROVIDE REQUIRED PATHWAYS AND CUT OUTS	PROVIDE REQUIRED FLOOR CUT OUTS	COORDINATE AND PROVIDE DATA CABLE IN MILLWORK ITEMS.	COORDINATION TO ENSURE MILLWORK PROVIDES AV CABLE ACCESS AND CUT OUTS
⑦	POWER DISTRIBUTION FOR AUDIO RACK	SUPPLY RACK WITH BUILT IN POWER BAR AND SUITABLE AC CORDS WITH U GROUND CONNECTORS	TERMINATE POWER FOR AUDIO VISUAL RACK IN STANDARD FOURPLEX OUTLET 15AMP.				
⑧	AUDIO VISUAL GROUNDING SYSTEM	SITE REVIEW AND COMMISSION	SUPPLY AND INSTALL GROUNDING SYSTEM CONNECTION FROM MAIN BUILDING GROUND WITH DIRECT CONNECTIONS TO EACH AUDIO VISUAL RACK				
⑨	FLAT SCREEN	SUPPLY, INSTALL, TERMINATE, CONTROL AND COMMISSION.	PULL LOW VOLTAGE AND POWER READY FOR DISPLAY INSTALLATION.				PROVIDE SUPPORT AND BLOCKING FOR WALL MOUNTED SCREEN.
⑩	PROGRAMMING, TESTING, AND COMMISSIONING	TEST ALL AUDIO VISUAL COMPONENTS FOR CORRECT OPERATION. PROGRAM AND COMMISSION ALL AV SYSTEMS.					TO CORRECT ANY CONSTRUCTION ISSUES THAT MAY ARISE FROM AV TESTING AND COMMISSIONING.
⑪	TRAINING	PROVIDE END USER TRAINING					
⑫	AS BUILT DRAWINGS AND MANUALS	PROVIDE THREE SETS OF AS BUILT AV DRAWINGS, MANUALS, AND ONE ELECTRONIC COPY WITH ALL PGM FILES					
⑬	WARRANTY	PROVIDE ON SITE WARRANTY PARTS AND LABOUR IN ACCORDANCE WITH THE RFP					

LEGEND

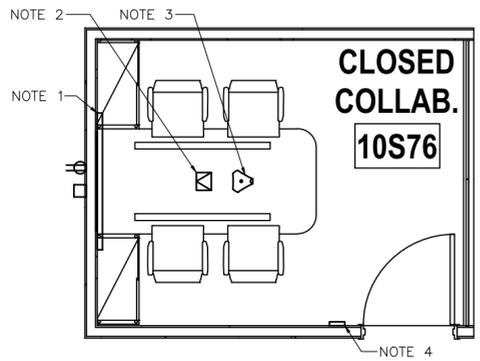
	TABLE MOUNTED CABLE CUBBY
	TABLE TOP TELECONFERENCE UNIT
	MULTI-ELEMENT TABLE BOUNDARY MICROPHONE
	OMNI-DIRECTIONAL BOUNDARY LAYER MICROPHONE
	CEILING MOUNTED MICROPHONE
	CEILING RECESSED LOUSPEAKER
	CEILING RECESSED LOUSPEAKER
	LINE ARRAY LOUSPEAKER
	PTZ CAMERA
	15-AMP DUPLEX
	CEILING MOUNTED PROJECTOR
	WALL MOUNTED TOUCH PANEL
	BASIC PRESENTATION CONTROLLER

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1	ISSUED FOR COSTING	2017 MAR 1	K.L.

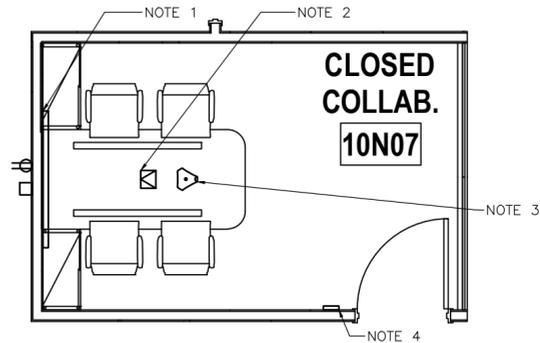
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: CHART OF RESPONSIBILITIES
 AND LEGEND

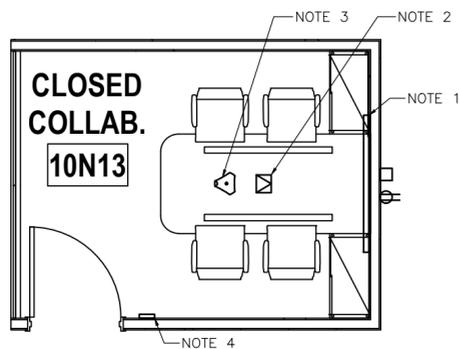
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-02



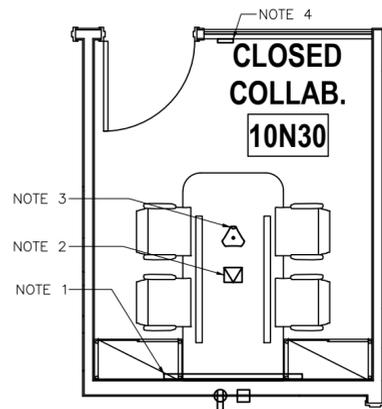
4 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 10S76
SCALE: NTS



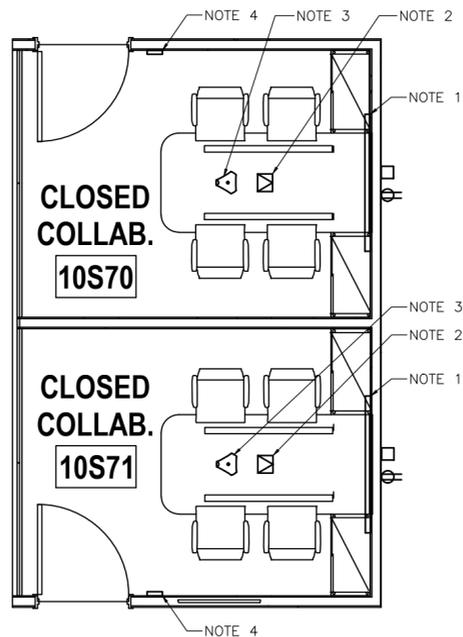
5 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 10N07
SCALE: NTS



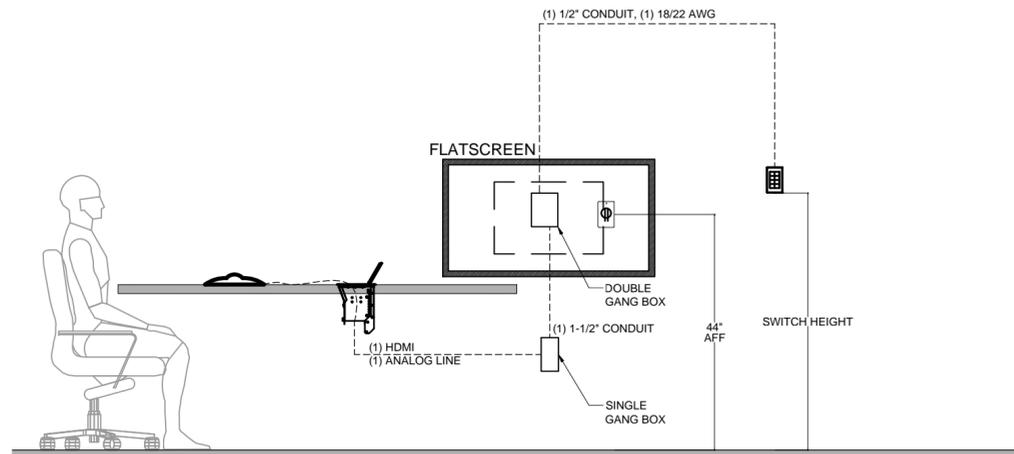
2 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 10N13
SCALE: NTS



3 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 10N30
SCALE: NTS



1 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 10S70 AND 10S71
SCALE: NTS



6 AUDIO VISUAL RISER: CLOSED COLLAB ROOM
SCALE: NTS

NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. TOTAL 1 LOCATION.
2. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. ELECTRICAL TO PROVIDE SINGLE GANG BOX MOUNTED BELOW WORK SURFACE. FACEPLATE AND/OR COVERPLATES SUPPLIED BY AUDIO VISUAL. BOX TO BE LINKED TO DOUBLE GANG BOX BEHIND SCREEN WITH 1.5" CONDUIT. AUDIO VISUAL CABLE TO RUN TO SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 1.

REQUIRED CABLE PER LOCATION:
(1) HDMI

3. TABLE TOP TELECONFERENCE UNIT SUPPLIED AND INSTALLED BY AUDIO VISUAL FOR CONNECTION TO ANALOG TELEPHONE LINE SUPPLIED BY CLIENT. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:
(1) ANALOG TELEPHONE LINE

4. BASIC PRESENTATION CONTROLLER TO BE MOUNTED IN SHARED DOUBLE GANG BOX WITH LIGHTING CONTROL BY OTHERS, AND POSITIONED AT SWITCH HEIGHT. CABLE TO RUN TO DOUBLE GANG BOX AT SCREEN LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 3.

REQUIRED CABLE PER LOCATION:
(1) 18/22 AWG

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
RICHMOND HILL, ON L4B 3A8
TEL: (905) 882-0042
FAX: (905) 471-2952

GENERAL NOTES:

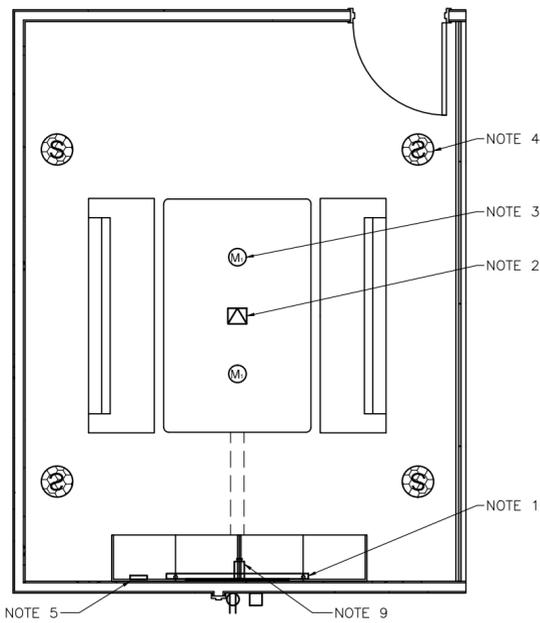
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11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

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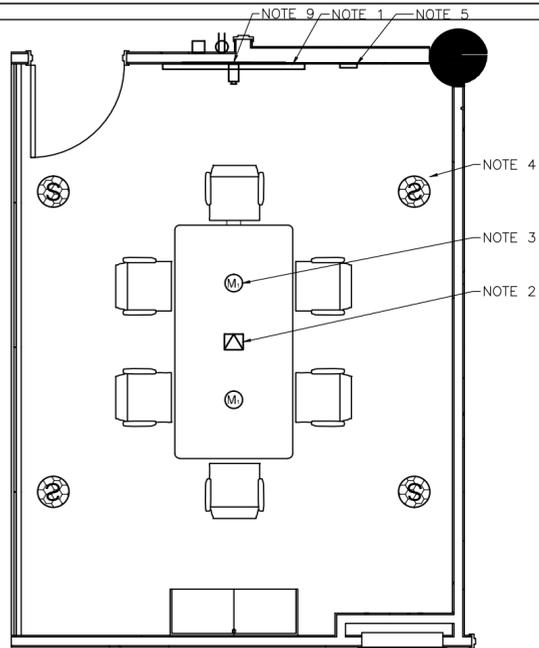
PROJECT: PUBLIC WORKS
GOVERNMENT SERVICES
CANADA

TITLE: LEVEL 10 CLOSED
COLLABORATION ROOMS

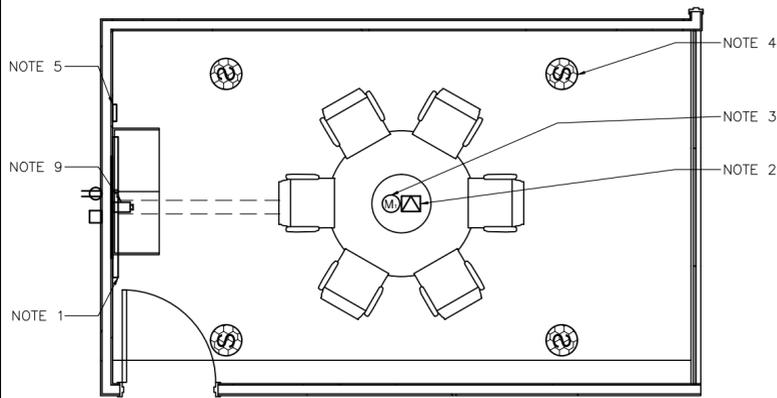
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO.: AV-17004	DRAWING NO.: AV-03



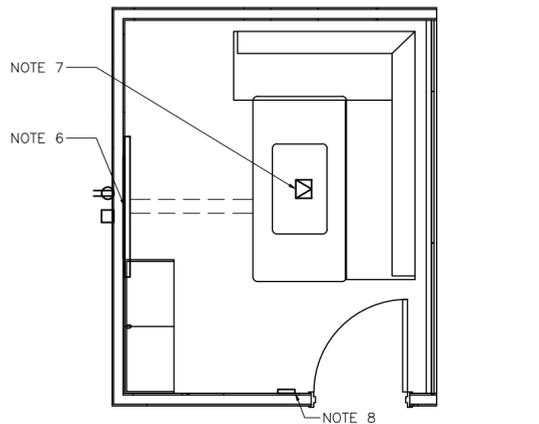
5 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 10N20 SCALE: NTS



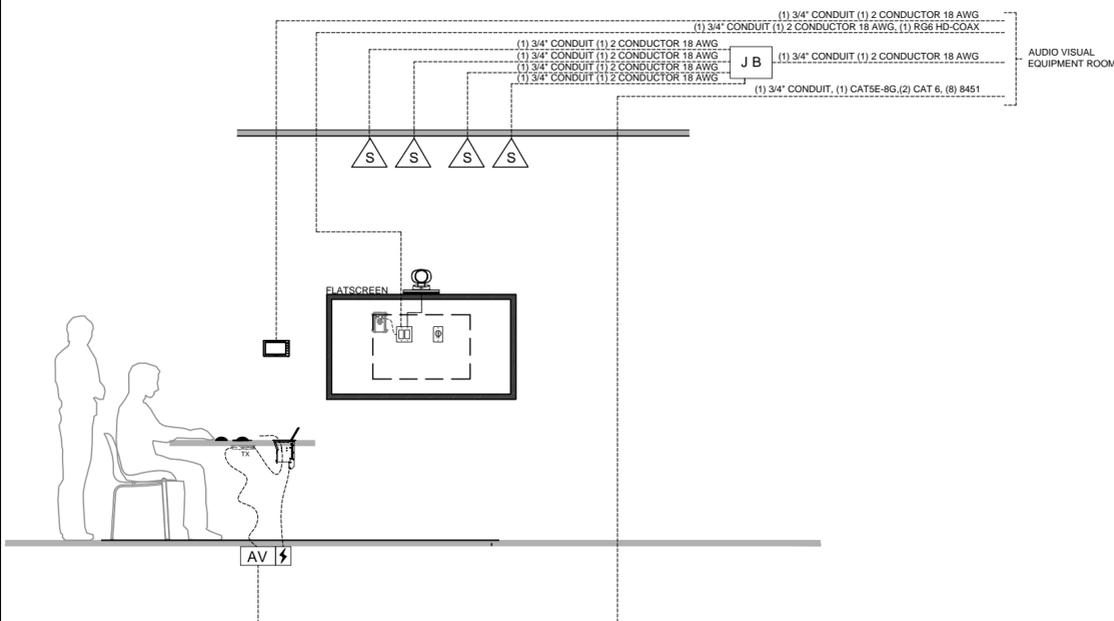
2 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 10S63 SCALE: NTS



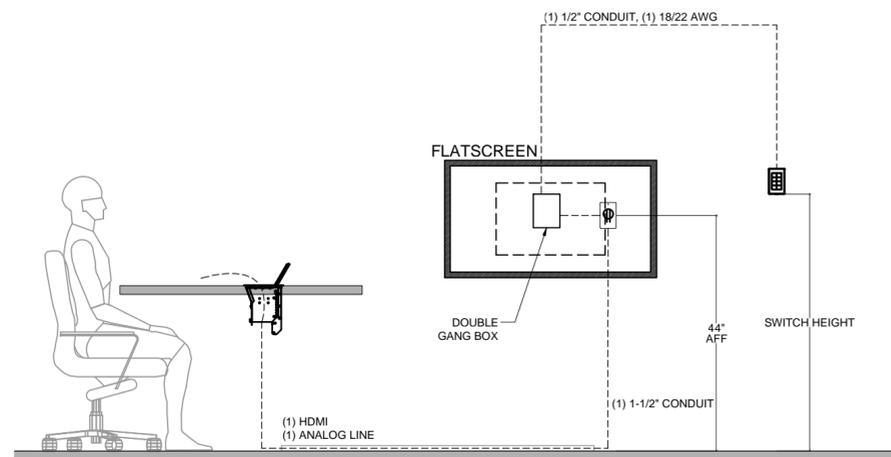
3 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 10S64 SCALE: NTS



4 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 10N24 SCALE: NTS



1 AUDIO VISUAL RISER: SMALL MEETING ROOM SCALE: NTS



6 AUDIO VISUAL RISER: SMALL MEETING ROOM 10N24 SCALE: NTS

NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4\"/>

REQUIRED CABLE PER LOCATION:

(1) CAT5E-8G
(1) CAT6

2. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. WIRES TO BE RUN THROUGH CONNECTRAC. FOR DETAILED DRAWINGS, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:

(1) CAT5E-8G
(1) CAT6

3. TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS IN ROOMS 10N20 AND 10S63, TOTAL 1 LOCATION IN ROOM 10S64. WIRED TO BE RUN THROUGH CONNECTRAC. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:

(4) 8451

4. CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAVE AV-22 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:

(1) 2 CONDUCTOR 18AWG

5. WALL MOUNTED TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. AUDIO VISUAL TO SUPPLY ELECTRICAL WITH REQUIRED MOUNTING HARDWARE AND/OR BACK BOX FOR INSTALLATION BY ELECTRICAL AS REQUIRED. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 06.

REQUIRED CABLE PER LOCATION:

(1) CAT6

6. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4\"/>

7. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:

(1) HDMI

8. BASIC PRESENTATION CONTROLLER TO BE MOUNTED IN SHARED DOUBLE GANG BOX WITH LIGHTING CONTROL. BY OTHERS, AND POSITIONED AT SWITCH HEIGHT. CABLE TO RUN TO DOUBLE GANG BOX AT SCREEN LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 03.

REQUIRED CABLE PER LOCATION:

(1) 18/22 AWG

9. VIDEO-CONFERENCE CAMERA SUPPLIED AND INSTALLED BY AUDIO VISUAL. TOTAL 1 LOCATION. WHERE LOCATION MARKED AS FUTURE, CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE USE.

REQUIRED CABLE PER LOCATION:

(1) CAT5E-8G
(1) CAT6
(1) RG6 HD-COAX

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
RICHMOND HILL, ON L4B 3A8
TEL: (905) 882-0042
FAX: (905) 471-2952

GENERAL NOTES:

- DO NOT SCALE THESE DRAWINGS.
- GENERAL AND ELECTRICAL CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE GENERAL CONTRACTOR PRIOR TO PROCEEDING WITH ANY WORK.
- THIS DRAWING WAS DEVELOPED FOR A SPECIFIC PURPOSE. USE FOR ANY OTHER PURPOSE IS NOT PERMITTED. THIS DRAWING SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF SIGHT N SOUND DESIGN INC.
- THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
- ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
- ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
GOVERNMENT SERVICES
CANADA

TITLE: LEVEL 10
SMALL MEETING ROOMS

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ NO: AV-17004	DRAWING NO: AV-04

GENERAL NOTES

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- THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
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- ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
- ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

NOTES:

- WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 1 LOCATION.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6

- TABLE MOUNTED CABLE CUBBY WITH TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. WIRES TO RUN THROUGH CONNECTRAC. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6

- TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS. WIRES TO RUN THROUGH CONNECTRAC. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:
 (4) 8451

- CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-22 DRAWING NO. 04.

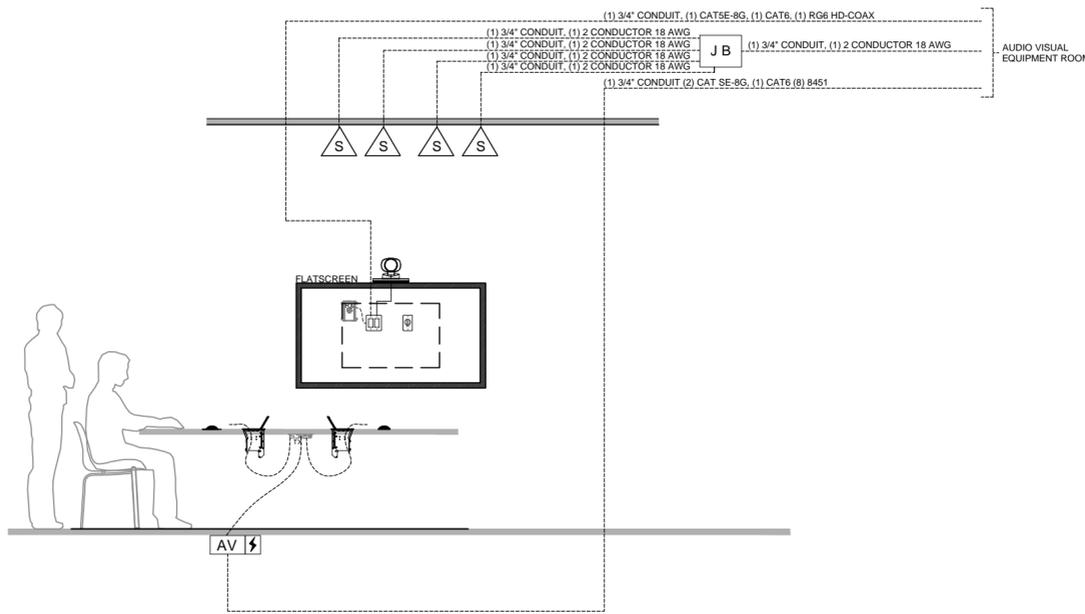
REQUIRED CABLE PER LOCATION:
 (1) 2 CONDUCTOR 18AWG

- VIDEO-CONFERENCE CAMERA SUPPLIED AND INSTALLED BY AUDIO VISUAL. TOTAL 1 LOCATION. WHERE LOCATION MARKED AS FUTURE. CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE USE.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6
 (1) RG6 HD-COAX

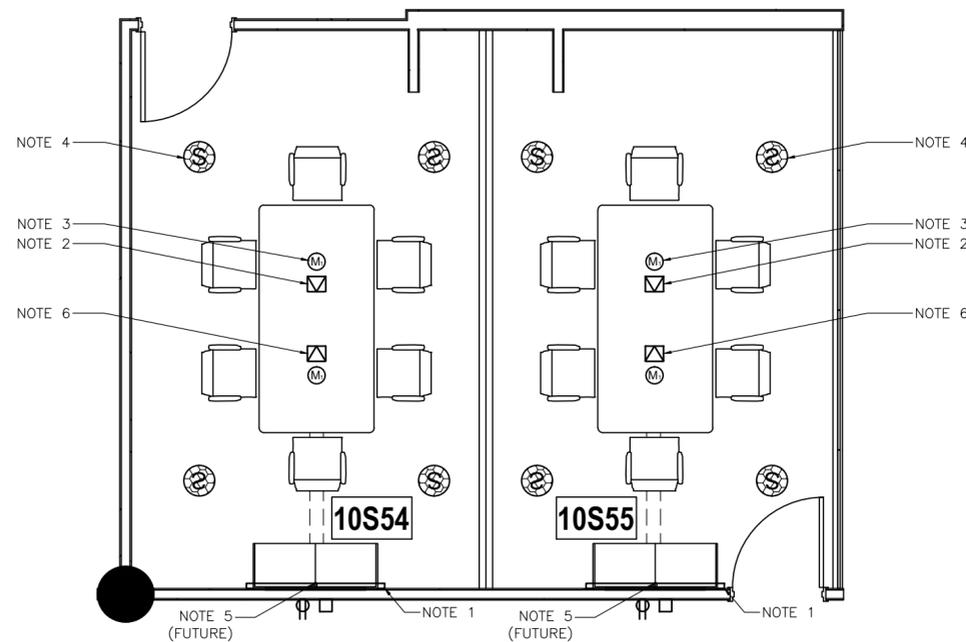
- TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. WIRES TO RUN THROUGH CONNECTRAC. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G



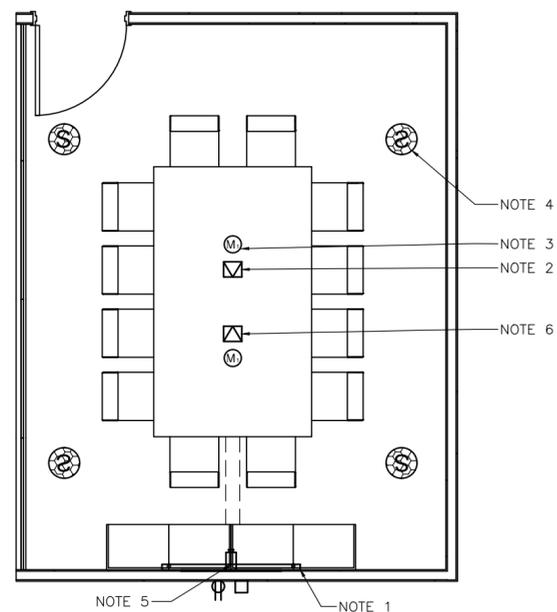
3 AUDIO VISUAL RISER: MEDIUM MEETING ROOM

SCALE: NTS



1 AUDIO VISUAL LAYOUT: MEDIUM MEETING ROOM 10S54 AND 10S55

SCALE: NTS



2 AUDIO VISUAL LAYOUT: MEDIUM MEETING ROOM 10N16

SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 10
 MEDIUM MEETING ROOMS

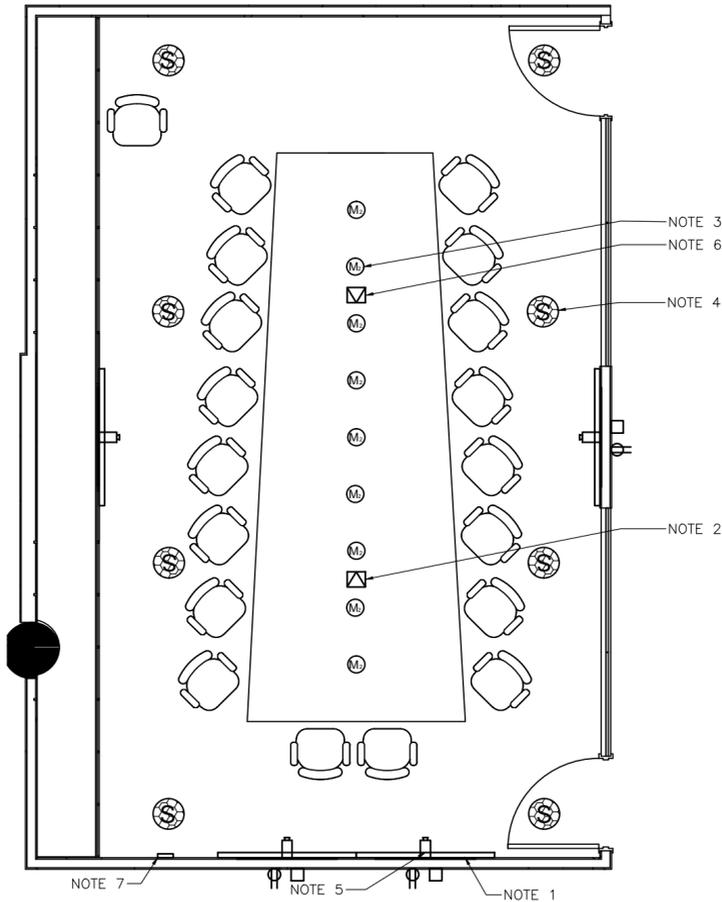
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-05

GENERAL NOTES

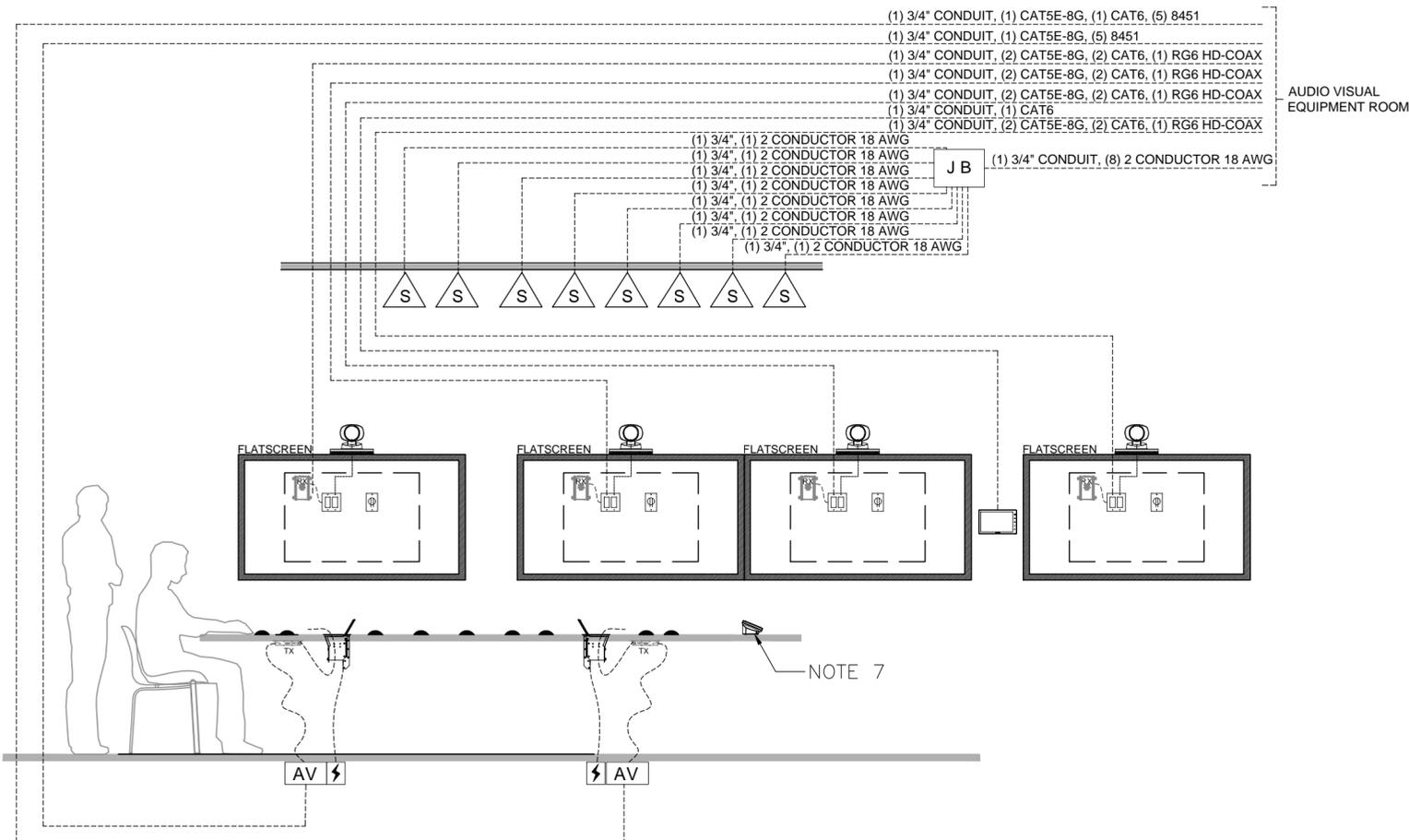
- DO NOT SCALE THESE DRAWINGS.
- GENERAL AND ELECTRICAL CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE GENERAL CONTRACTOR PRIOR TO PROCEEDING WITH ANY WORK.
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- THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
- ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
- ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

NOTES:

- WALL MOUNTED FLAT SCREENS SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 4 LOCATIONS.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6
- TABLE MOUNTED CABLE CUBBY WITH TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 02.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6
- TABLE MOUNTED BOUNDARY LAYER MICROPHONE SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 9 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 01.
REQUIRED CABLE PER LOCATION:
 (1) 8451
- CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 8 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-22 DRAWING NO. 04.
REQUIRED CABLE PER LOCATION:
 (1) 2 CONDUCTOR 18AWG
- VIDEO-CONFERENCE CAMERA SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. TOTAL 4 LOCATIONS.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
 (1) CAT6
 (1) RG6 HD-COAX
- TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-8G
- EXISTING TOUCH PANELS IN THIS ROOM SHALL BE REUSED. WIRELESS TOUCH PANEL TO BE ATTACHED ON THE TABLE. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 05.



1 AUDIO VISUAL LAYOUT: LARGE MEETING ROOM 10S61 SCALE: NTS



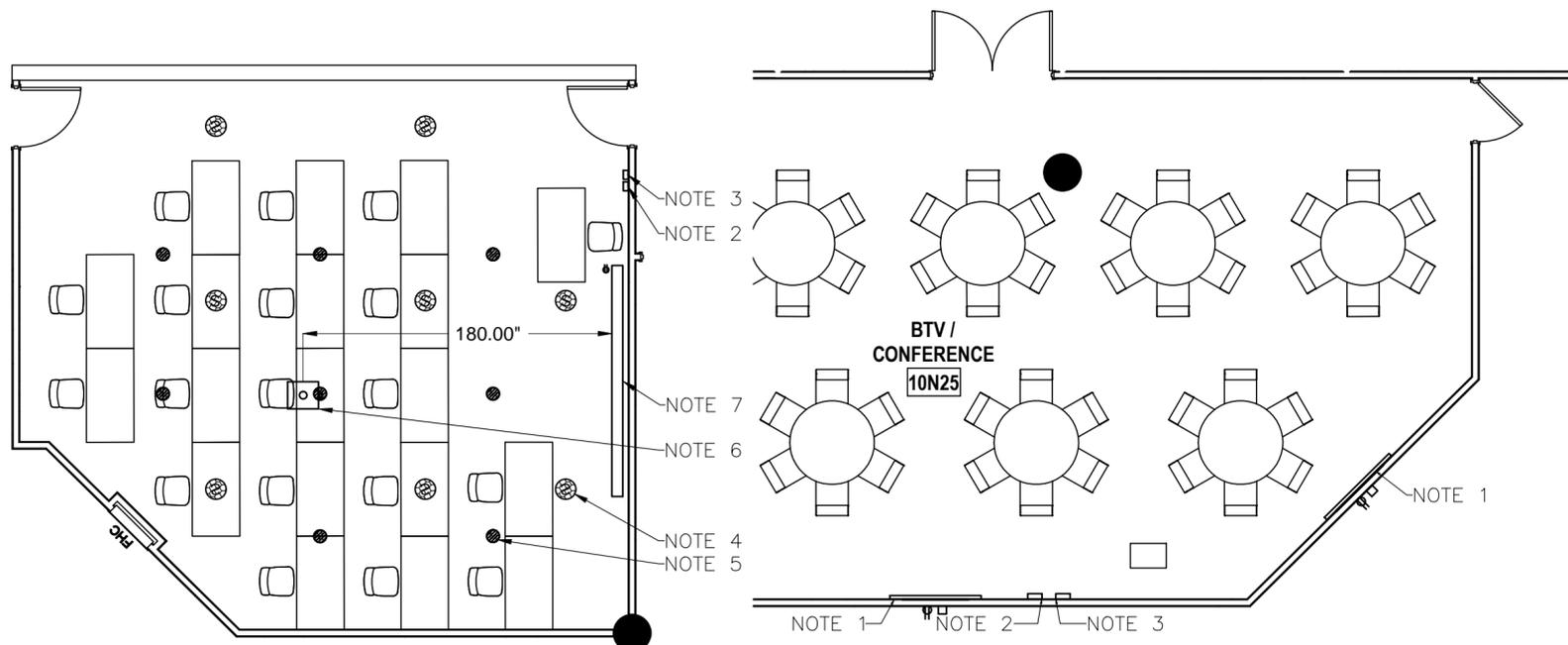
2 AUDIO VISUAL RISER: LARGE MEETING ROOM SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 10
 LARGE MEETING ROOM

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-06

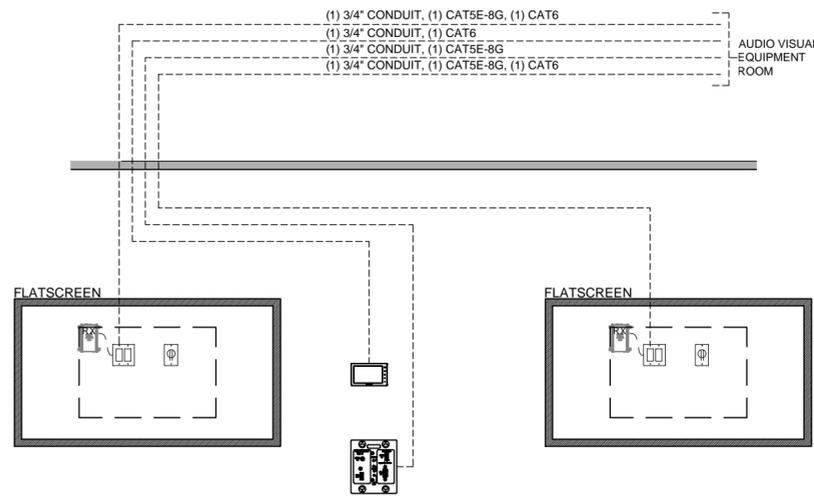


3 AUDIO VISUAL LAYOUT: COMPUTER TRAINING 10S57

SCALE: NTS

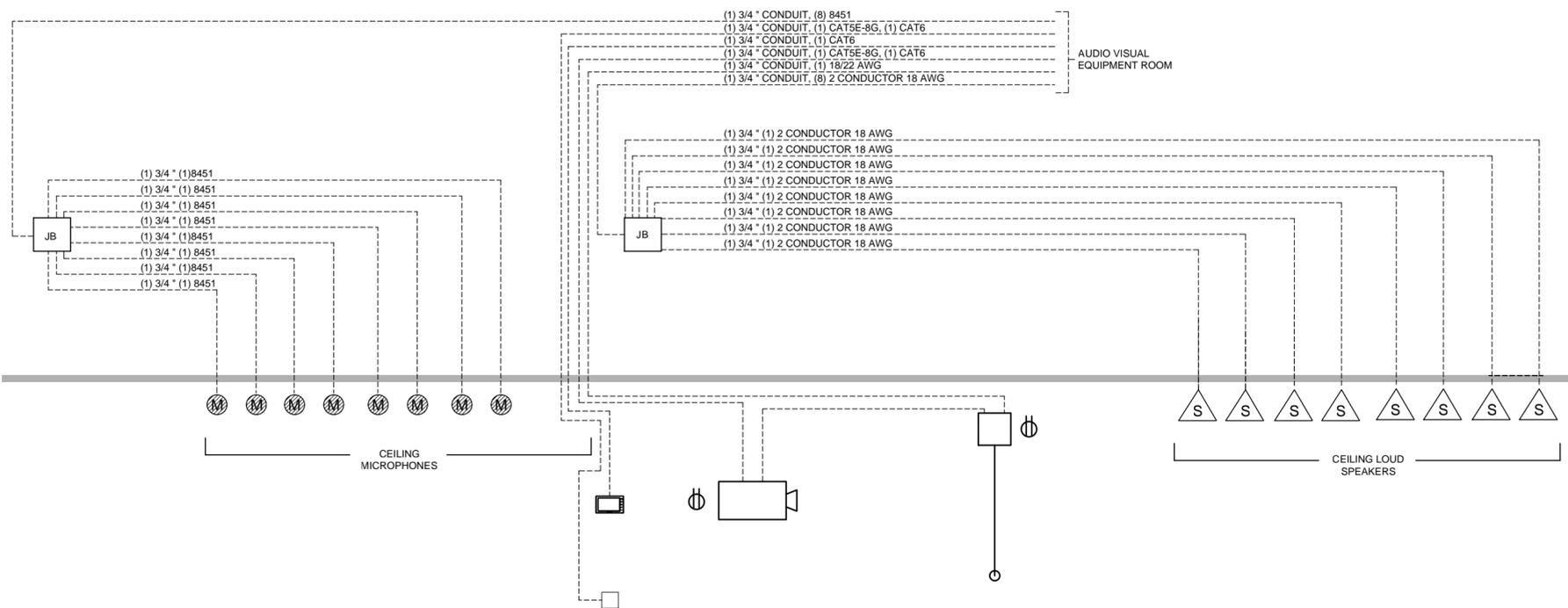
4 AUDIO VISUAL LAYOUT: BTV/CONFERENCE ROOM 10N25

SCALE: NTS



2 AUDIO VISUAL RISER: BTV/CONFERENCE ROOM 10N25

SCALE: NTS



1 AUDIO VISUAL RISER: COMPUTER TRAINING 10S57

NOTES:

1. WALL MOUNTED FLATSREEN SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 2 LOCATIONS.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

2. WALL MOUNTED TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. AUDIO VISUAL TO SUPPLY ELECTRICAL WITH REQUIRED MOUNTING HARDWARE AND/OR BACK BOX FOR INSTALLATION BY ELECTRICAL AS REQUIRED. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 06.

REQUIRED CABLE PER LOCATION:

- (1) CAT6

3. WALL MOUNTED PRESENTATION CONNECTION SUPPLIED AND INSTALLED BY AUDIO VISUAL. DOUBLE GANG BOX TO BE MOUNTED AT OUTLET HEIGHT. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

4. CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 8 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV22 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:

- (1) 2 CONDUCTOR 18AWG

5. CEILING MOUNTED MICROPHONE SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 8 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV22 DRAWING NO.01.

REQUIRED CABLE PER LOCATION:

- (1) 8451

6. CEILING MOUNTED PROJECTOR SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO PROVIDE DUPLEX MOUNTED ABOVE CEILING. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-22 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:

- (1) CAT6
- (1) CAT5E-8G

7. CEILING MOUNTED PROJECTOR SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX MOUNTED ABOVE CEILING. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-22 DRAWING NO. 03.

REQUIRED CABLE PER LOCATION:

- (1) 18/22 AWG

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
 RICHMOND HILL, ON L4B 3A8
 TEL: (905) 882-0042
 FAX: (905) 471-2952

GENERAL NOTES:

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6. ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
7. ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
8. ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
9. ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
10. LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 10 COMPUTER
 TRAINING AND
 CONFERENCE ROOM

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-07

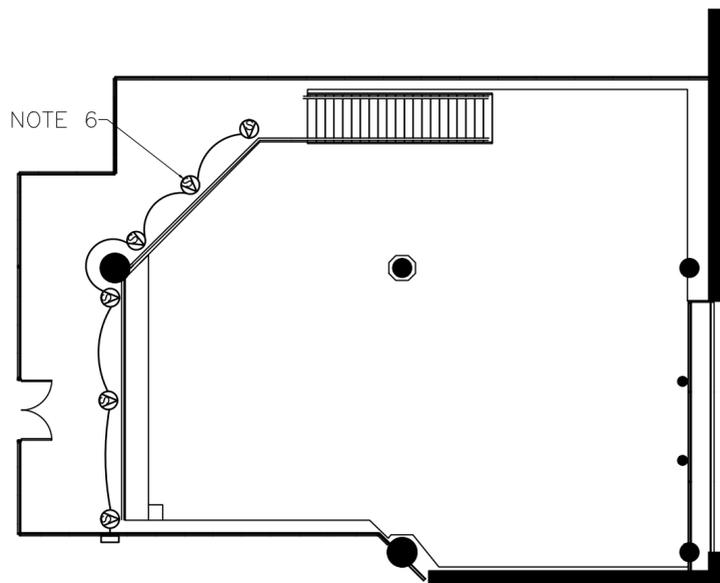
SCALE: NTS

GENERAL NOTES

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- THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
- ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
- ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

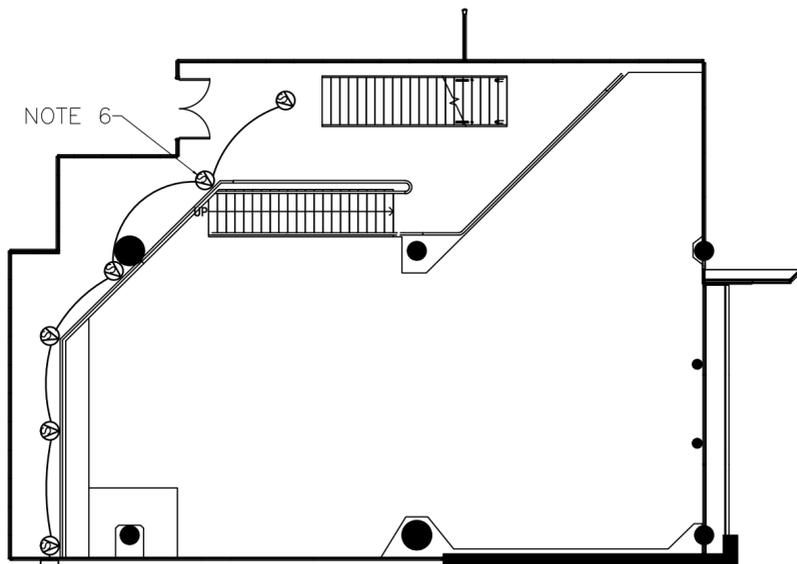
NOTES:

- 3x3 VIDEO WALL SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX (1 PER SCREEN, TOTAL 9 LOCATIONS. REFER TO ELECTRICAL DRAWINGS). AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 1 LOCATION. REFER TO PAGE AV-24 FOR VIDEO WALL MOUNTING DETAIL.
REQUIRED CABLE PER LOCATION:
 (9) CAT5E-SG
 (9) CAT6
- WALL MOUNTED TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. AUDIO VISUAL TO SUPPLY ELECTRICAL WITH REQUIRED MOUNTING HARDWARE AND/OR BACK BOX FOR INSTALLATION BY ELECTRICAL AS REQUIRED. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 06.
REQUIRED CABLE PER LOCATION:
 (1) CAT6
- WALL MOUNTED PRESENTATION CONNECTION SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT AND (4) MICROPHONE INPUTS PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 04.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-SG
 (1) CAT6
 (4) 8451
- WALL MOUNTED PTZ CAMERA SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. TOTAL 1 LOCATIONS.
REQUIRED CABLE PER LOCATION:
 (1) CAT5E-SG
 (1) CAT6
 (1) RG6 HD-COAX
- COLUMN MOUNTED LINE ARRAY LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL TO MATCH EXISTING INSTALLED SPEAKERS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPEAKERS TO BE LINKED VIA HOME-RUN SYSTEM. TOTAL 9 LOCATIONS.
REQUIRED CABLE PER LOCATION:
 (1) 2 CONDUCTOR 18 AWG
- DIRECTIONAL CEILING RECESSED LOUDSPEAKERS SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL TO SUPPLY ELECTRICAL WITH REQUIRED MOUNTING HARDWARE AND/OR BACKBOX FOR INSTALLATION BY ELECTRICAL AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPEAKERS TO BE LINKED VIA HOME RUN-SYSTEM. TOTAL 12 LOCATIONS.
REQUIRED CABLE PER LOCATION:
 (1) 2 CONDUCTOR 18 AWG



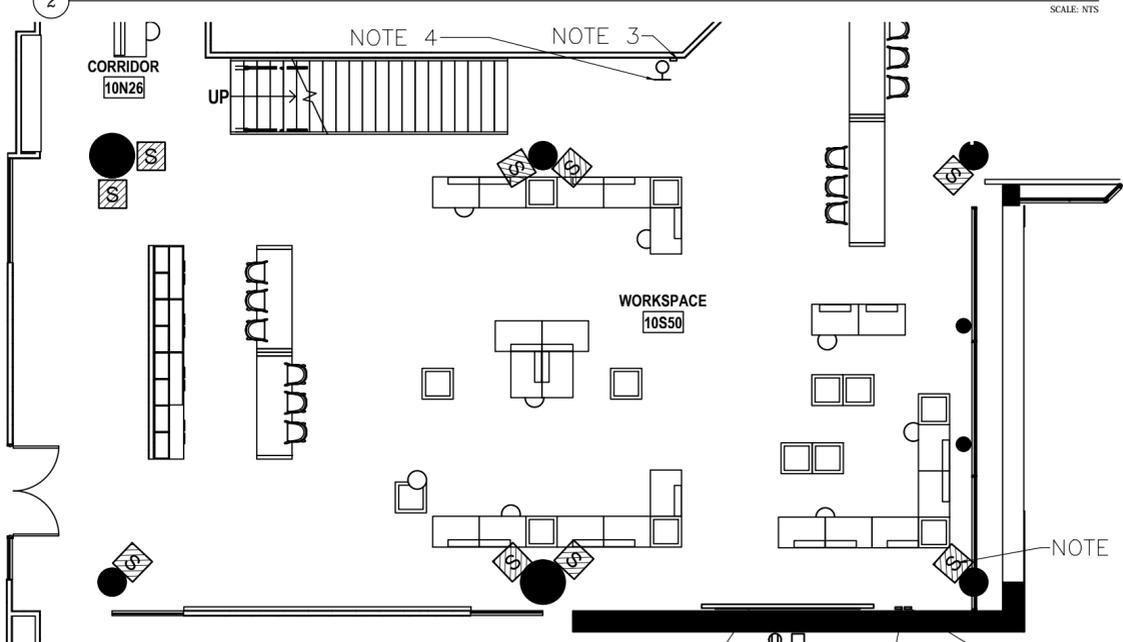
3 AUDIO VISUAL LAYOUT: LEVEL 12 ATRIUM

SCALE: NTS



2 AUDIO VISUAL LAYOUT: LEVEL 11 ATRIUM

SCALE: NTS

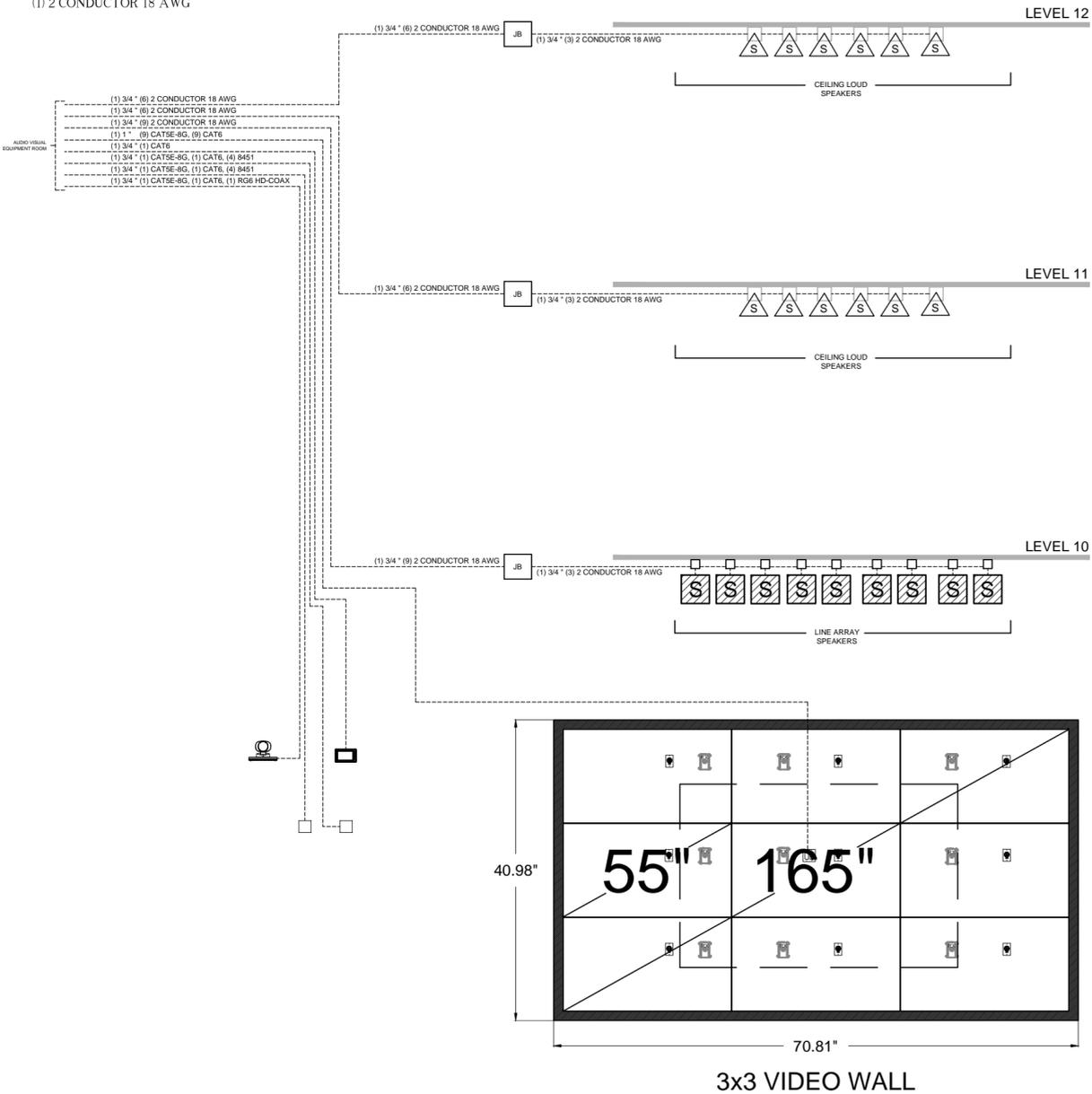


1 AUDIO VISUAL LAYOUT: LEVEL 10 ATRIUM

SCALE: NTS

4 AUDIO VISUAL RISER: ATRIUM

SCALE: NTS



REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUN 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

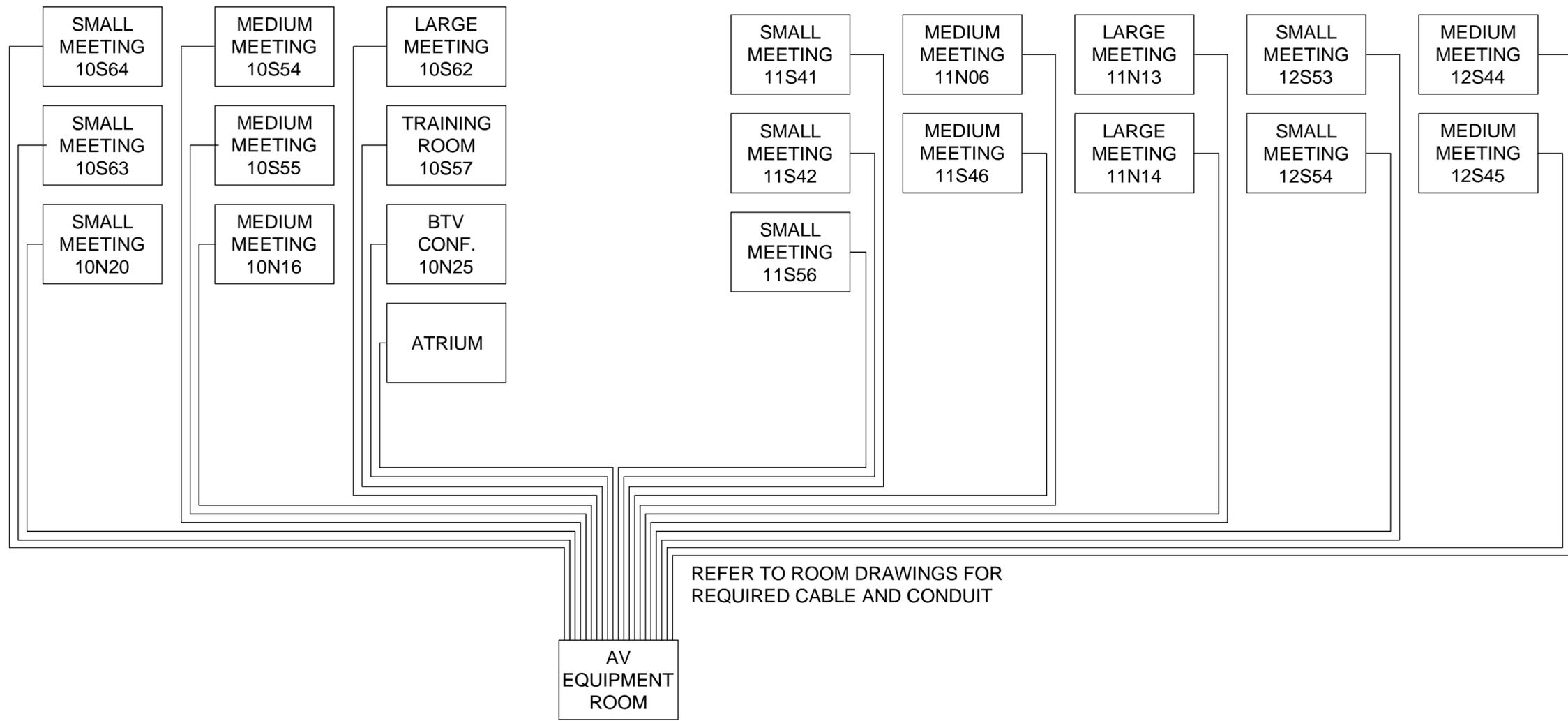
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: ATRIUM

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-08

SIGHT N SOUND DESIGN INC
 20 WERTHEIM CRT., UNIT 30
 RICHMOND HILL, ON L4B 3A8
 TEL: (905) 882-0042
 FAX: (905) 471-2952

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 - ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
 - LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
 - AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

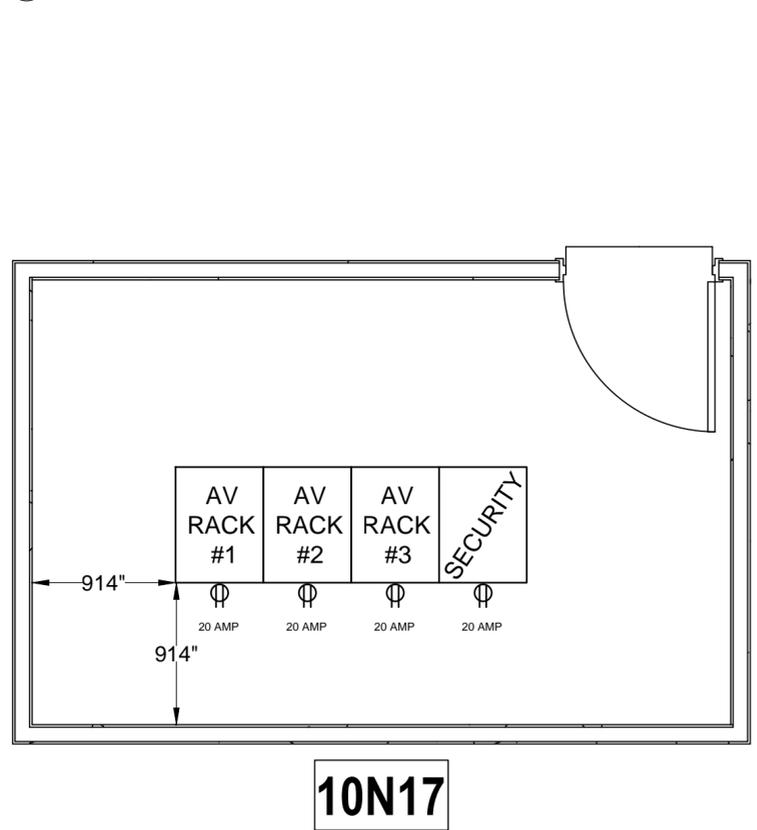


REFER TO ROOM DRAWINGS FOR REQUIRED CABLE AND CONDUIT

AV EQUIPMENT ROOM

3 AUDIO VISUAL RISER

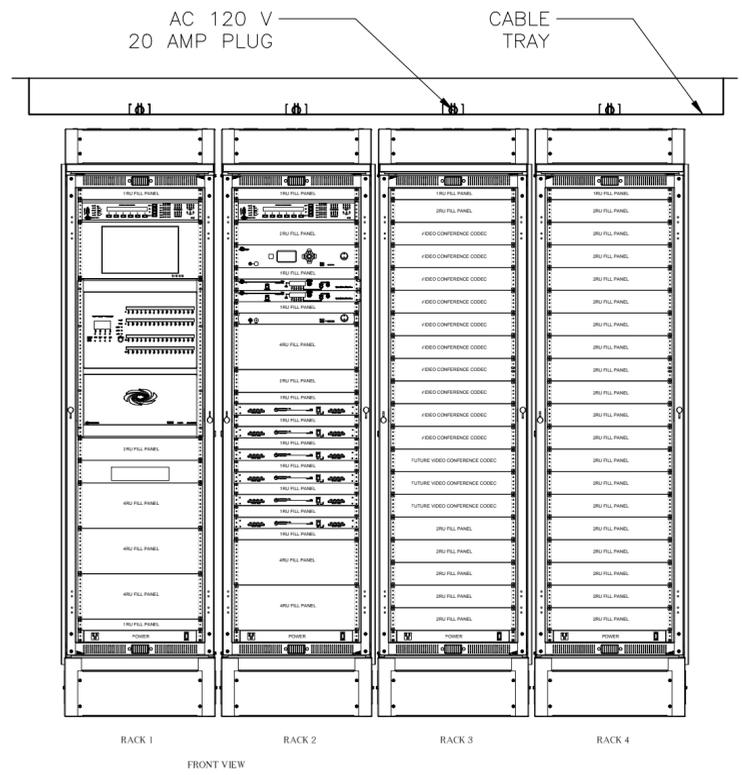
SCALE: NTS



10N17

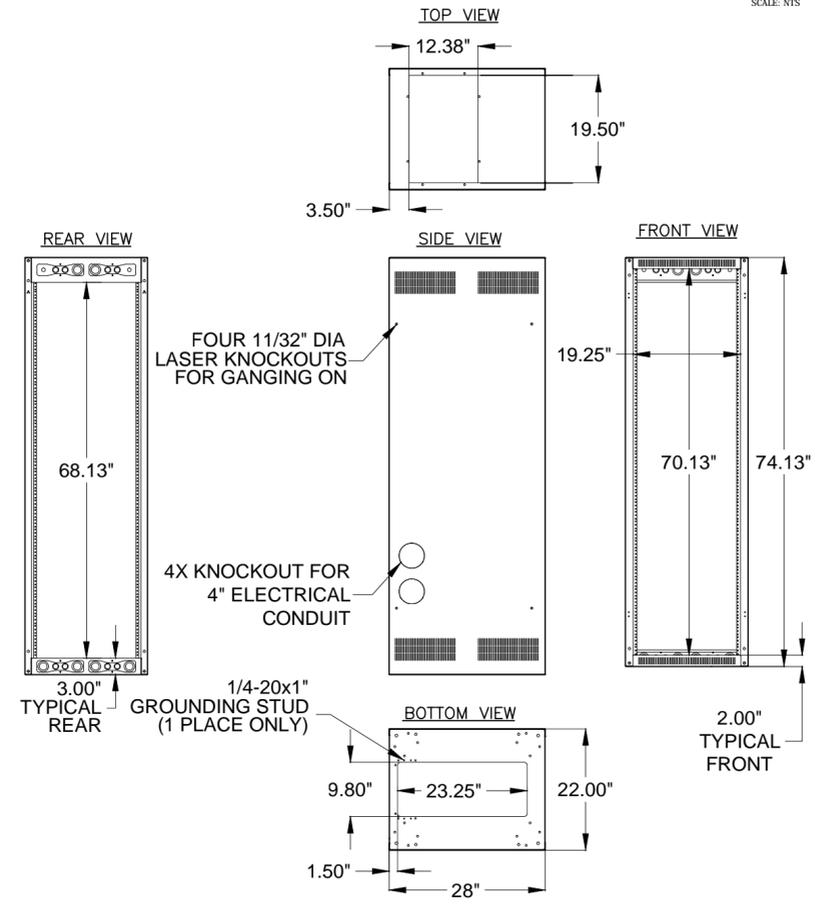
1 AUDIO VISUAL LAYOUT

SCALE: NTS



2 TYPICAL AUDIO VISUAL RACK LAYOUT

SCALE: NTS



3 TYPICAL RACK DETAIL

SCALE: NTS

REV	DESCRIPTION	DATE	APPR
4	ISSUED FOR TENDER	2017 JUN 16	K.L.
3	100Z CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: AUDIO VISUAL
 EQUIPMENT ROOM

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO.: AV-17004	DRAWING NO.: AV-09

GENERAL NOTES

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6. ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
7. ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
8. ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
9. ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
10. LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. TOTAL 1 LOCATION.

2. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. ELECTRICAL TO PROVIDE SINGLE GANG BOX MOUNTED BELOW WORK SURFACE. BOX TO BE LINKED TO DOUBLE GANG BOX BEHIND SCREEN WITH 1.5" CONDUIT. AUDIO VISUAL CABLE TO RUN TO SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO.01.

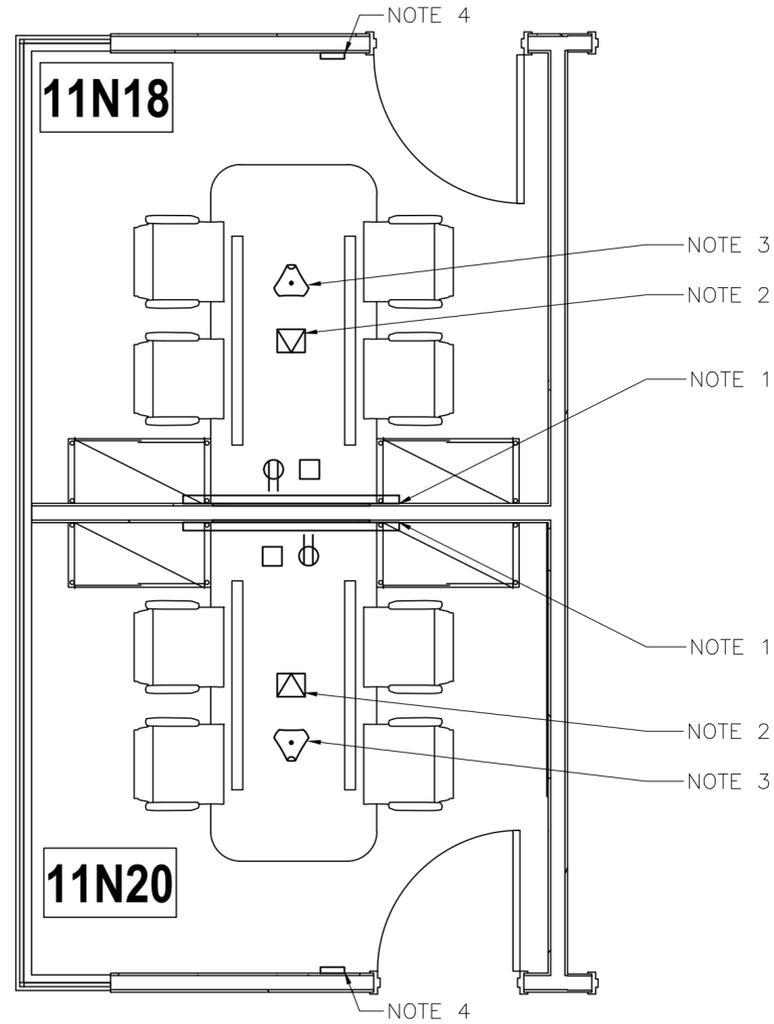
REQUIRED CABLE PER LOCATION:
 (1) HDMI

3. TABLE TOP TELECONFERENCE UNIT SUPPLIED AND INSTALLED BY AUDIO VISUAL FOR CONNECTION TO ANALOG TELEPHONE LINE SUPPLIED BY CLIENT. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:
 (1) ANALOG TELEPHONE LINE

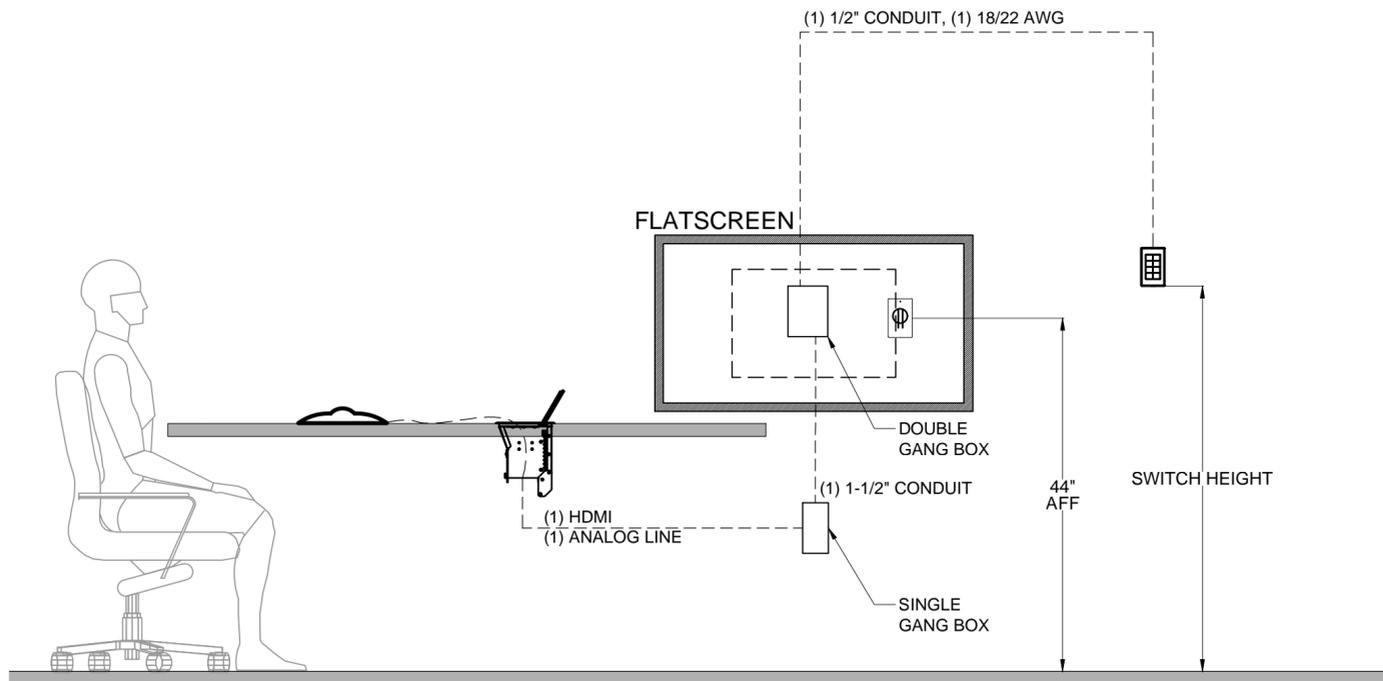
4. BASIC PRESENTATION CONTROLLER TO BE MOUNTED IN SHARED DOUBLE GANG BOX WITH LIGHTING CONTROL, BY OTHERS, AND POSITIONED AT SWITCH HEIGHT. CABLE TO RUN TO DOUBLE GANG BOX AT SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 03.

REQUIRED CABLE PER LOCATION:
 (1) 18/22 AWG



1 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 11N18 AND 11N20

SCALE: NTS



2 AUDIO VISUAL RISER: CLOSED COLLAB ROOM

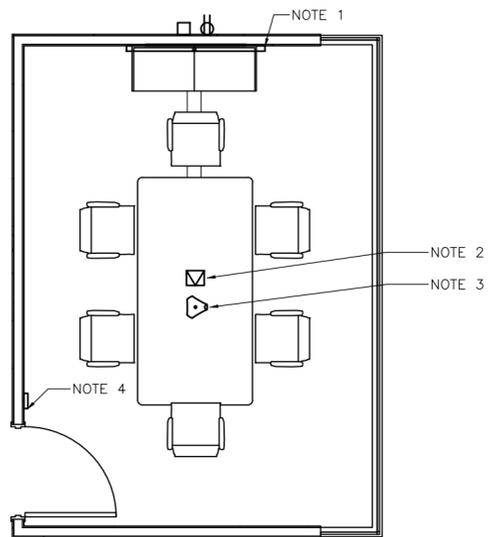
SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
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1	ISSUED FOR COSTING	2017 MAR 1	K.L.

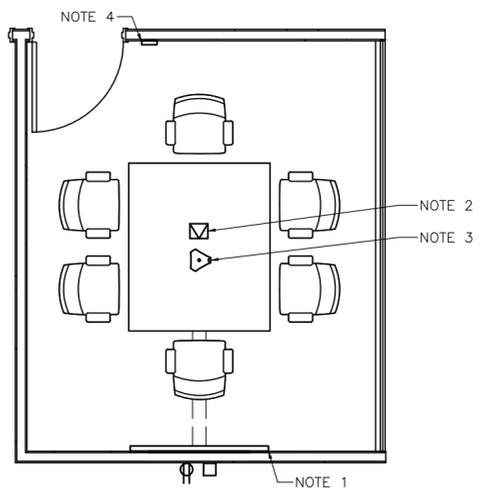
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 11 CLOSED
 COLLABORATION ROOMS

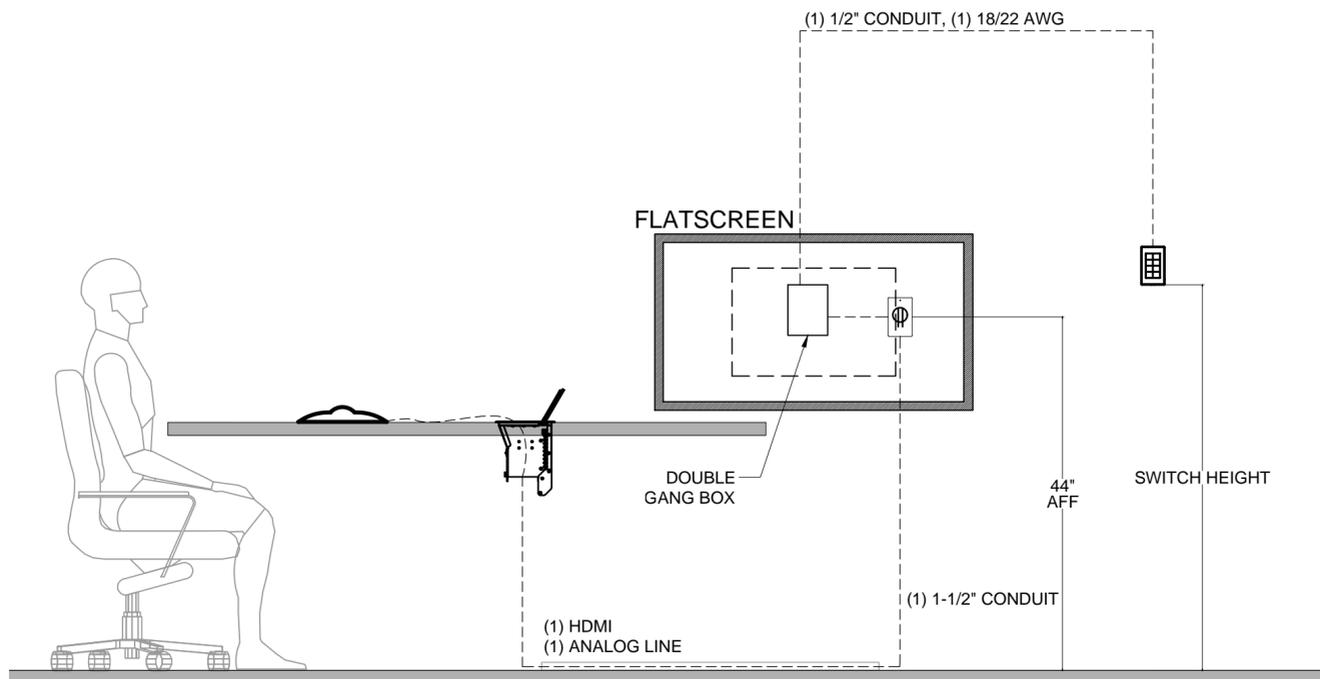
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-10



4 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 11S56
SCALE: NTS



3 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 11N03
SCALE: NTS



1 AUDIO VISUAL RISER: SMALL MEETING ROOM
SCALE: NTS

NOTES:

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2. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO SCREEN LOCATION VIA CONNECTRAC. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:
(1) HDMI

3. TABLE TOP TELECONFERENCE UNIT SUPPLIED AND INSTALLED BY AUDIO VISUAL FOR CONNECTION TO ANALOG TELEPHONE LINE SUPPLIED BY CLIENT. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:
(1) ANALOG TELEPHONE LINE

4. BASIC PRESENTATION CONTROLLER TO BE MOUNTED IN SHARED DOUBLE GANG BOX WITH LIGHTING CONTROL, BY OTHERS, AND POSITIONED AT SWITCH HEIGHT. CABLE TO RUN TO DOUBLE GANG BOX AT SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 03.

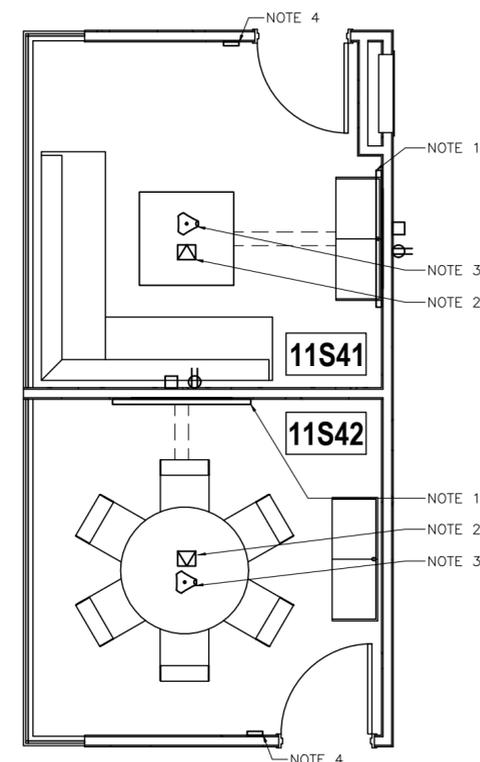
REQUIRED CABLE PER LOCATION:
(1) 18/22 AWG

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
RICHMOND HILL, ON L4B 3A8
TEL: (905) 882-0042
FAX: (905) 471-2952

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11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.



2 AUDIO VISUAL LAYOUT: SMALL MEETING ROOM 11S41 AND 11S42
SCALE: NTS

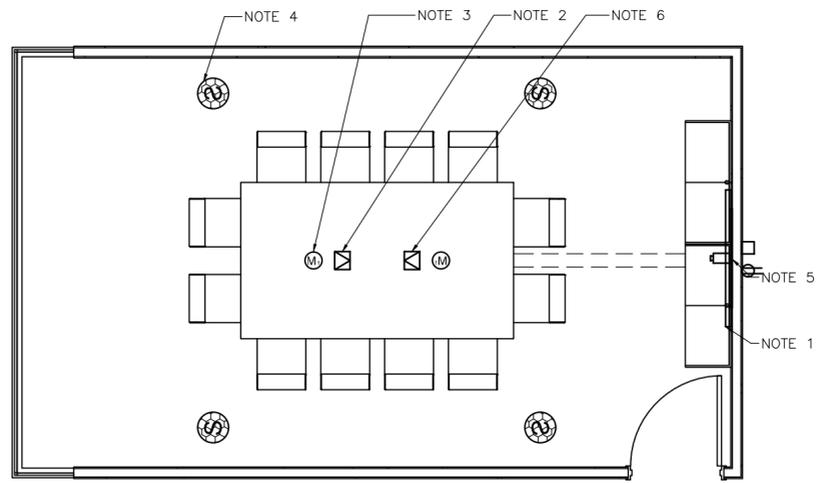
REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUN 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
GOVERNMENT SERVICES
CANADA

TITLE: LEVEL 11
SMALL MEETING ROOMS

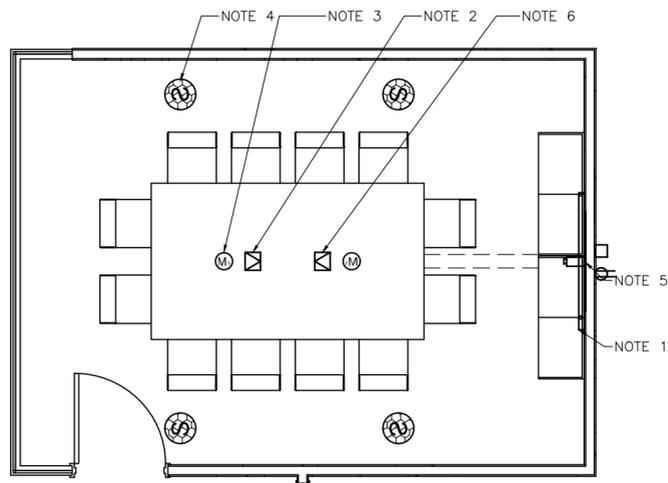
DESIGN BY: K. LEWIS
DRAWN BY: R.J.
PROJ. NO.: AV-17004

APPROVED BY: K. LEWIS
DATE: JUNE 14, 2017
DRAWING NO.: AV-11



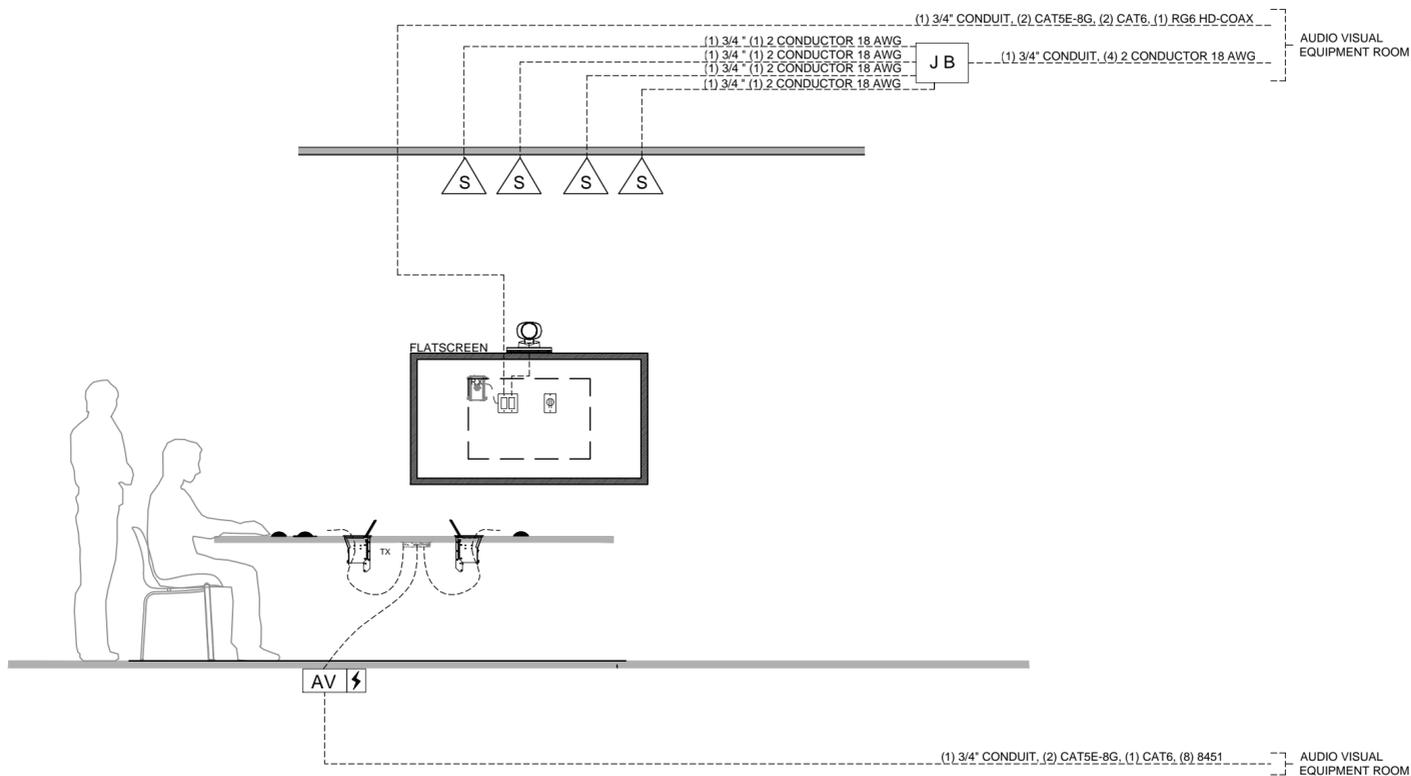
2 AUDIO VISUAL LAYOUT: MEDIUM MEETING ROOM 11S46

SCALE: NTS



1 AUDIO VISUAL LAYOUT: MEDIUM MEETING ROOM 11N06

SCALE: NTS



3 AUDIO VISUAL RISER: MEDIUM MEETING ROOM

SCALE: NTS

NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 1 LOCATION.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

2. TABLE MOUNTED CABLE CUBBY WITH TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

3. TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:

- (4) 8451

4. CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING REFER TO PAGE AV-22 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:

- (1) 2 CONDUCTOR 18AWG

5. VIDEO-CONFERENCE CAMERA SUPPLIED AND INSTALLED BY AUDIO VISUAL. TOTAL 1 LOCATION.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6
- (1) RG6-HD-COAX

6. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAVE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
 RICHMOND HILL, ON L4B 3A8
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REV	DESCRIPTION	DATE	APPR
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 11
 MEDIUM MEETING ROOMS

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-12

GENERAL NOTES:

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NOTES:

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REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

- TABLE MOUNTED CABLE CUBBY WITH TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. WIRES TO RUN THROUGH CONNECTRAC. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

- TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS. WIRES TO RUN THROUGH CONNECTRAC AND DIRECTED TO AV RACK. REFER TO MANUFACTURER SPECIFICATION FOR DETAILS. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO.02.

REQUIRED CABLE PER LOCATION:

- (4) 8451

- CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING REFER TO PAGE AV-22 DRAWING NO. 04.

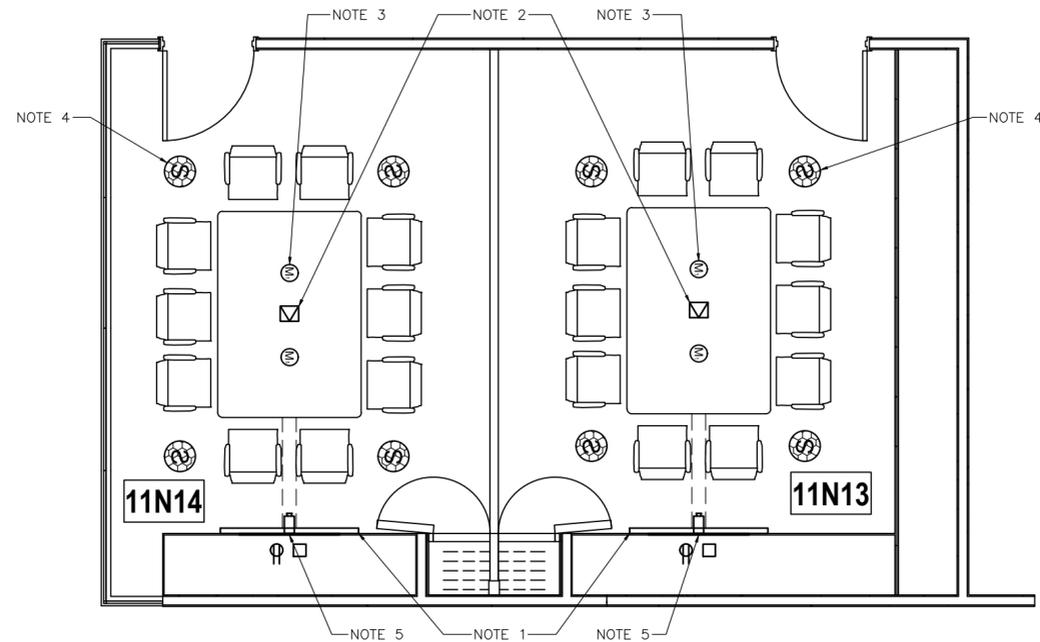
REQUIRED CABLE PER LOCATION:

- (1) 2 CONDUCTOR 18AWG

- VIDEO-CONFERENCE CAMERA SUPPLIED AND INSTALLED BY AUDIO VISUAL. TOTAL 1 LOCATION.

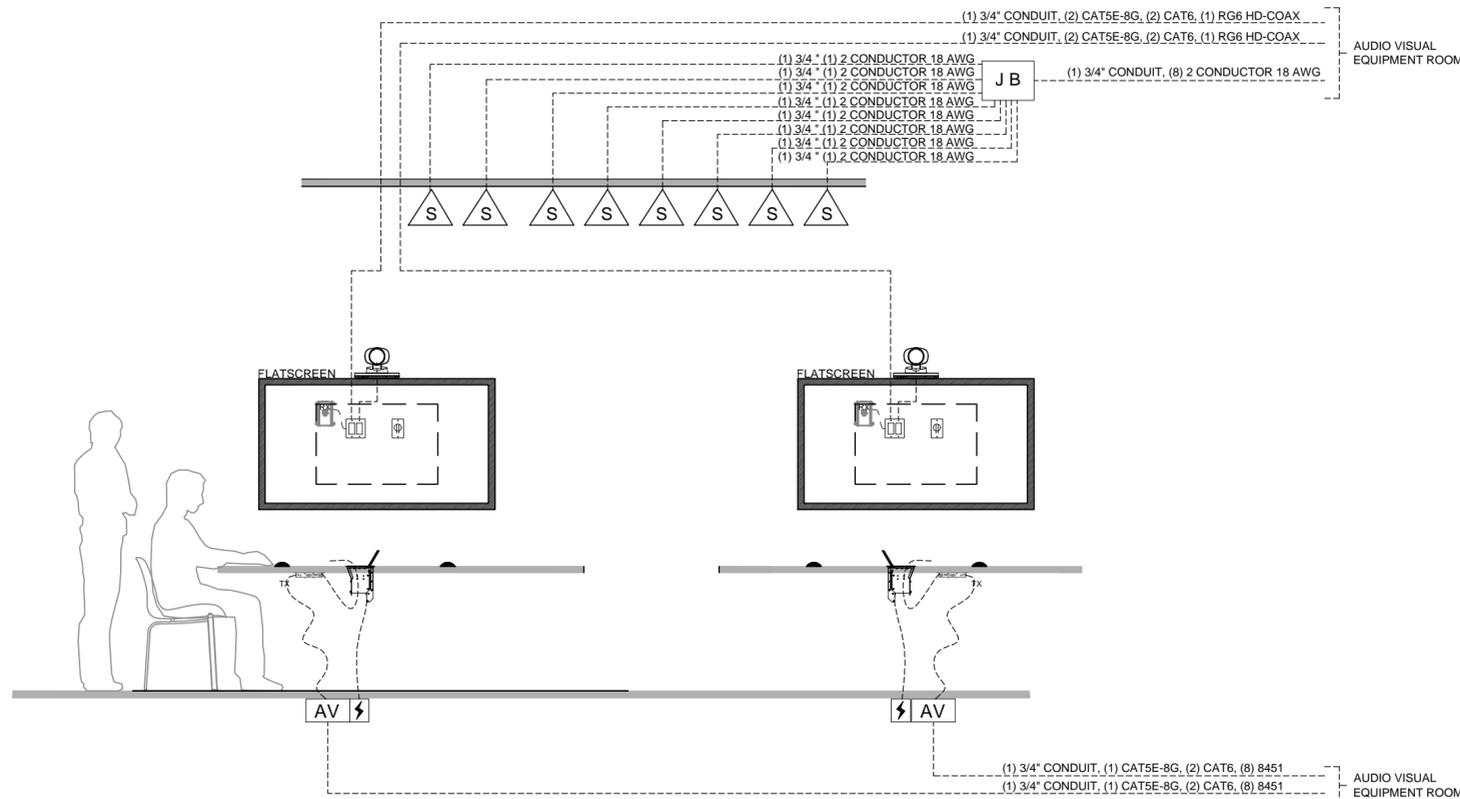
REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6
- (1) RG6 HD-COAX



2 AUDIO VISUAL LAYOUT: LARGE MEETING ROOMS 11N13 AND 11N14

SCALE: NTS



1 AUDIO VISUAL RISER: LARGE MEETING ROOM

SCALE: NTS

REV	DESCRIPTION	DATE	APPR
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
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1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 11
 LARGE MEETING ROOMS

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-13

GENERAL NOTES:

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NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. TOTAL 1 LOCATION.
2. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. ELECTRICAL TO PROVIDE SINGLE GANG BOX MOUNTED BELOW WORK SURFACE. BOX TO BE LINKED TO DOUBLE GANG BOX BEHIND SCREEN WITH 1.5" CONDUIT. AUDIO VISUAL CABLE TO RUN TO SCREEN LOCATION. TOTAL 1 LOCATION. FOR DETAILED DRAWING REFER TO PAGE AV-21 DRAWING NO. 01.

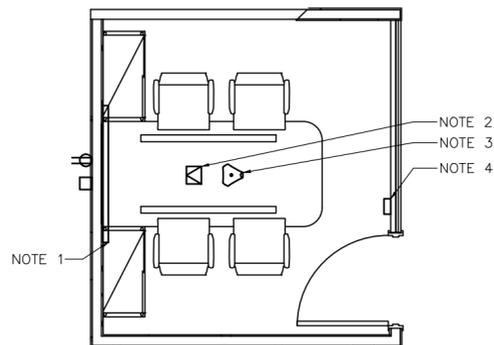
REQUIRED CABLE PER LOCATION:
 (1) HDMI

3. TABLE TOP TELECONFERENCE UNIT SUPPLIED AND INSTALLED BY AUDIO VISUAL FOR CONNECTION TO ANALOG TELEPHONE LINE SUPPLIED BY CLIENT. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:
 (1) ANALOG TELEPHONE LINE

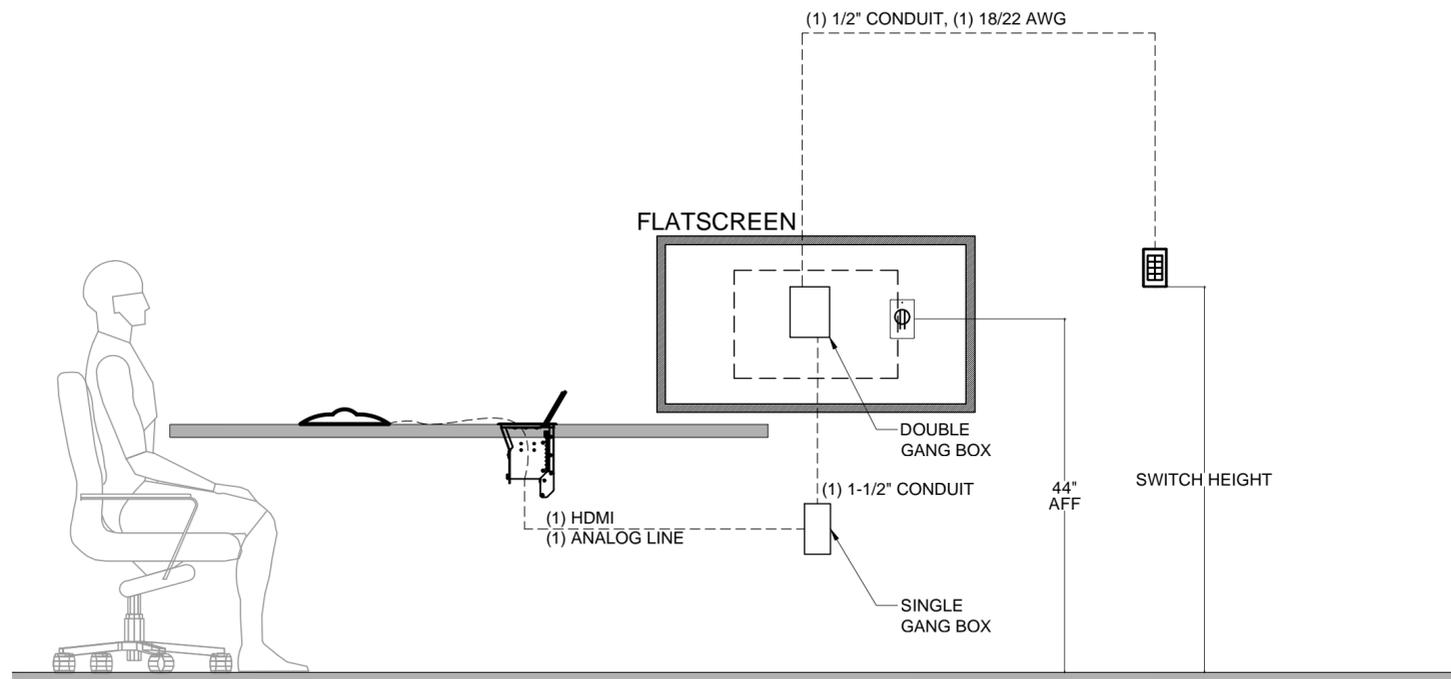
4. BASIC PRESENTATION CONTROLLER TO BE MOUNTED IN SHARED DOUBLE GANG BOX WITH LIGHTING CONTROL BY OTHERS, AND POSITIONED AT SWITCH HEIGHT. CABLE TO RUN TO DOUBLE GANG BOX AT SCREEN LOCATION. FOR DETAILED DRAWING REFER TO PAGE AV-21 DRAWING NO. 03.

REQUIRED CABLE PER LOCATION:
 (1) 18/22 AWG



1 AUDIO VISUAL LAYOUT: CLOSED COLLAB ROOM 12S62

SCALE: NTS



2 AUDIO VISUAL RISER: CLOSED COLLAB ROOM

SCALE: NTS

REV	DESCRIPTION	DATE	APPR
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 12
 CLOSED COLLAB ROOM

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO.: AV-17004	DRAWING NO.: AV-14

GENERAL NOTES:

- DO NOT SCALE THESE DRAWINGS.
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- THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
- ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
- ALL AUDIO VISUAL RELATED ELECTRICAL LOW VOLTAGE CONDUITS, AND CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
- ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
- ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

NOTES:

- WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 1 LOCATION.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

- TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:

- (1) CAT5E-8G
- (1) CAT6

- TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 03.

REQUIRED CABLE PER LOCATION:

- (4) 8451

- CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING REFER TO PAGE AV-22 DRAWING NO. 04.

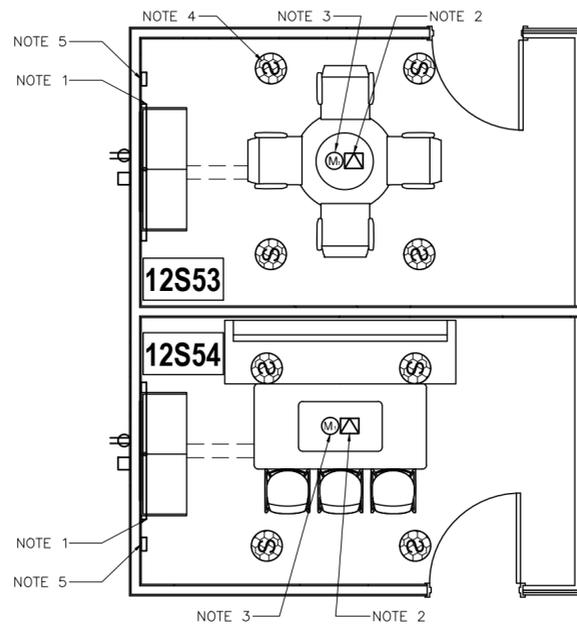
REQUIRED CABLE PER LOCATION:

- (1) 2 CONDUCTOR 18AWG

- WALL MOUNTED TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. AUDIO VISUAL TO SUPPLY ELECTRICAL WITH REQUIRED MOUNTING HARDWARE AND/OR BACK BOX FOR INSTALLATION BY ELECTRICAL AS REQUIRED. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 06.

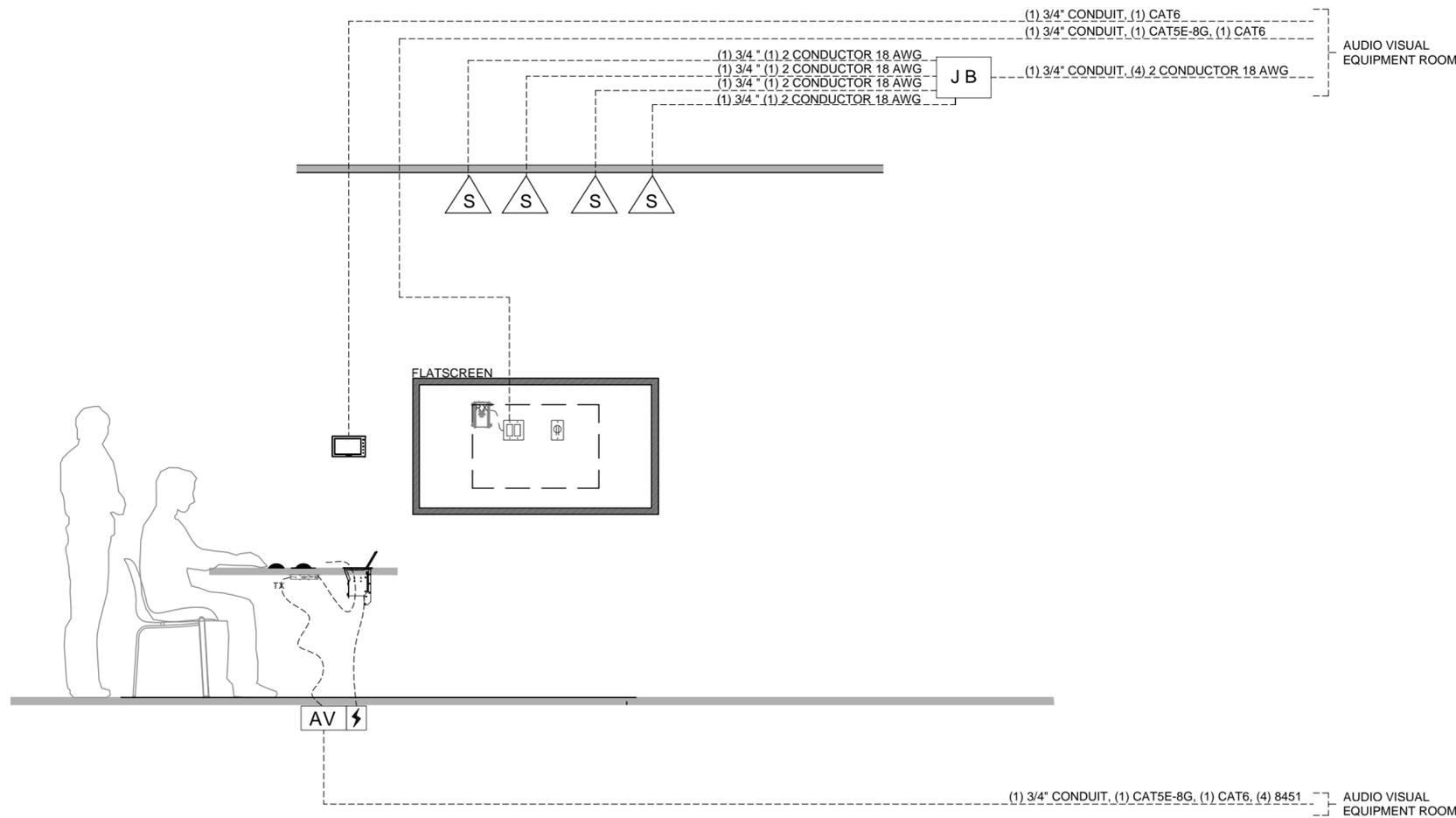
REQUIRED CABLE PER LOCATION:

- (1) CAT6



1 AUDIO VISUAL LAYOUT: SMALL MEETING ROOMS 12S53 AND 12S54

SCALE: NTS



2 AUDIO VISUAL RISER: SMALL MEETING ROOM

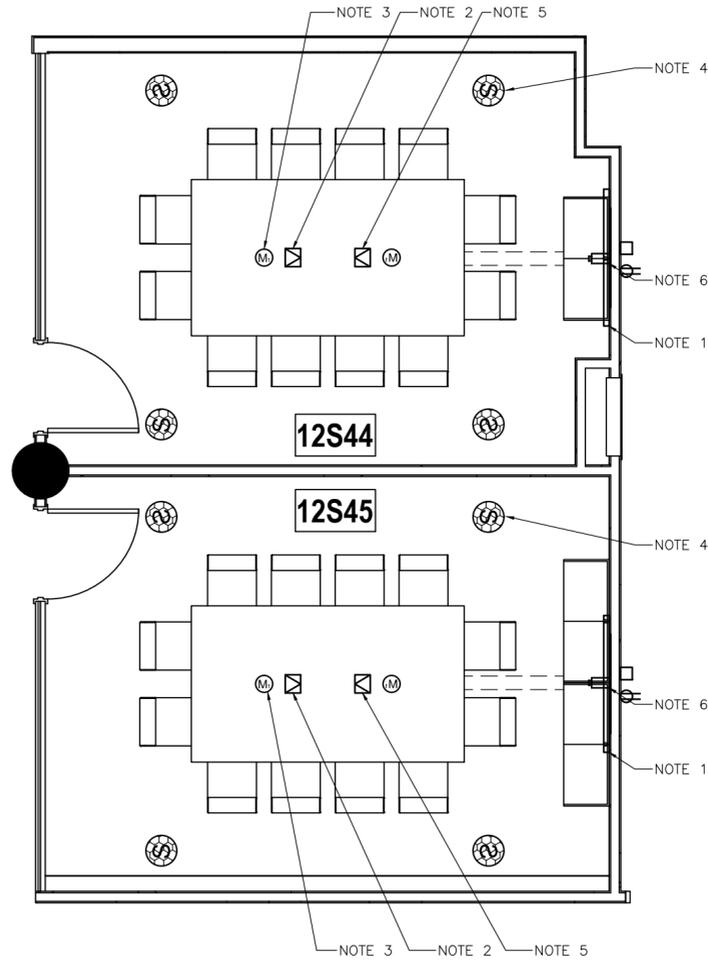
SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR. 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR. 17	K.L.
1	ISSUED FOR COSTING	2017 MAR. 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 12
 SMALL MEETING ROOMS

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-15



NOTES:

1. WALL MOUNTED FLAT SCREEN SUPPLIED AND INSTALLED BY AUDIO VISUAL. ELECTRICAL TO SUPPLY AND INSTALL AC DUPLEX. GENERAL CONTRACTOR TO SUPPLY AND INSTALL 3/4" PLYWOOD BLOCKING 24x36" TO SUPPORT 200 LBS. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. SPARE CABLE TO BE LANDED ON PATCH PANEL FOR FUTURE CONNECTIONS. TOTAL 1 LOCATION.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-SG
 (1) CAT6

2. TABLE MOUNTED CABLE CUBBY WITH TOUCH PANEL SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-SG
 (1) CAT6

3. TABLE MOUNTED MULTI-ELEMENT BOUNDARY LAYER MICROPHONE SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 2 LOCATIONS. FOR DETAILED DRAWING, REFER TO PAGE AV-23 DRAWING NO. 02.

REQUIRED CABLE PER LOCATION:
 (4) 8451

4. CEILING MOUNTED RECESSED LOUDSPEAKER SUPPLIED AND INSTALLED BY AUDIO VISUAL. GENERAL CONTRACTOR TO PROVIDE CEILING CUTOUT AS REQUIRED. TOTAL 4 LOCATIONS. FOR DETAILED DRAWING REFER TO PAGE AV-22 DRAWING NO. 04.

REQUIRED CABLE PER LOCATION:
 (1) 2 CONDUCTOR 18AWG

5. TABLE MOUNTED CABLE CUBBY SUPPLIED AND INSTALLED BY AUDIO VISUAL. MILLWORK/TABLE MANUFACTURE TO PROVIDE CUTOUT AS REQUIRED. AUDIO VISUAL TO PROVIDE (1) HDMI PRESENTATION INPUT PER LOCATION. AUDIO VISUAL CABLE TO RUN TO AUDIO VISUAL EQUIPMENT ROOM. TOTAL 1 LOCATION. FOR DETAILED DRAWING, REFER TO PAGE AV-21 DRAWING NO. 01.

REQUIRED CABLE PER LOCATION:
 (1) RG6 HD-COAX
 (1) CAT5E-SG

6. VIDEO-CONFERENCE CAMERA SUPPLIED BY CLIENT AND INSTALLED BY AUDIO VISUAL. TOTAL 2 LOCATIONS.

REQUIRED CABLE PER LOCATION:
 (1) CAT5E-SG
 (1) CAT6
 (1) RG6 HD-COAX

SIGHT N SOUND DESIGN INC

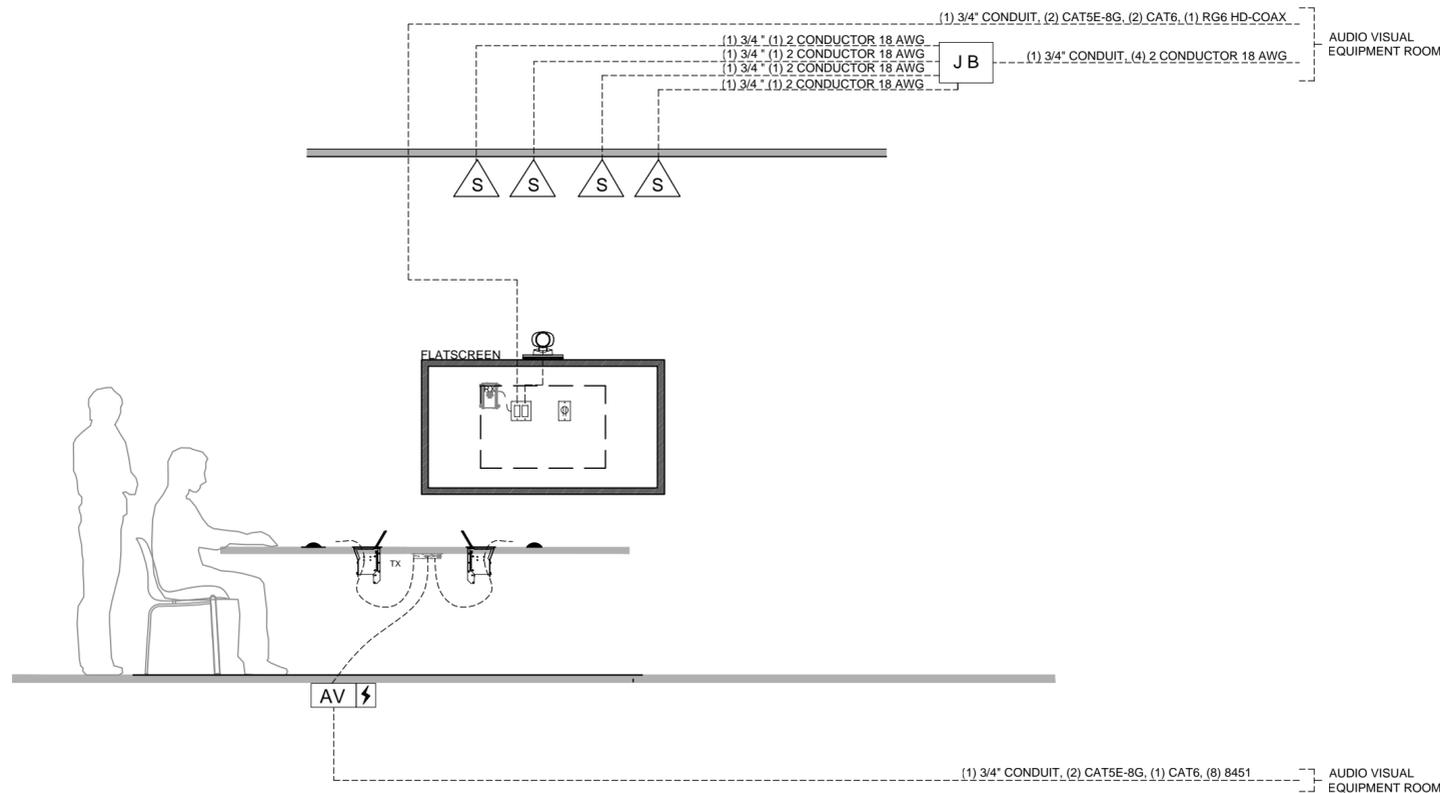
20 WERTHEIM CRT., UNIT 30
 RICHMOND HILL, ON L4B 3A8
 TEL: (905) 882-0042
 FAX: (905) 471-2952

GENERAL NOTES:

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- LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
- AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.

1 AUDIO VISUAL LAYOUT: MEDIUM MEETING ROOMS 12S44 AND 12S45

SCALE: NTS



2 AUDIO VISUAL RISER: MEDIUM MEETING ROOM

SCALE: NTS

REV	DESCRIPTION	DATE	APPR
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: LEVEL 12
 MEDIUM MEETING ROOMS

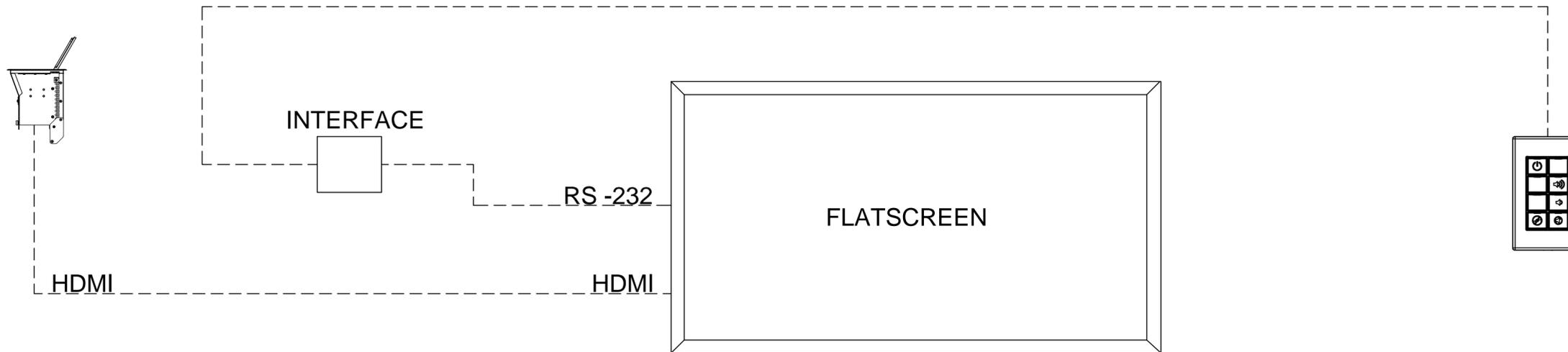
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-16

SIGHT N SOUND DESIGN INC

20 WERTHEIM CRT., UNIT 30
 RICHMOND HILL, ON L4B 3A8
 TEL: (905) 882-0042
 FAX: (905) 471-2952

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11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.



REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR. 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR. 17	K.L.
1	ISSUED FOR COSTING	2017 MAR. 1	K.L.

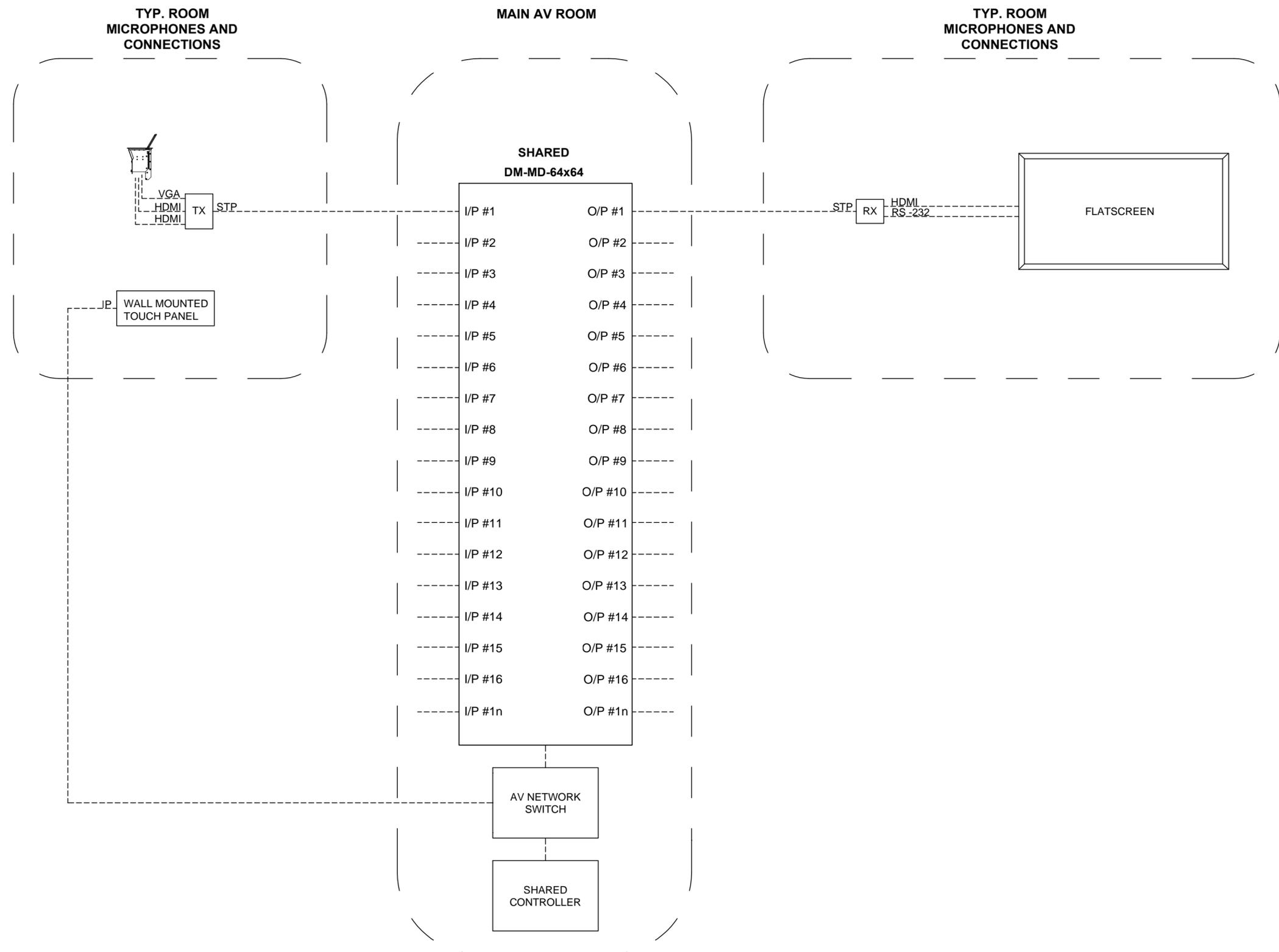
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: TYP. AV DIAGRAM FOR
 CLOSED COLLAB. ROOMS

DESIGN BY: K. LEWIS APPROVED BY: K. LEWIS
 DRAWN BY: R.J. DATE: JUNE 14, 2017
 PROJ. NO: AV-17004 DRAWING NO: AV-17

GENERAL NOTES:

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10. LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.



REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR. 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR. 17	K.L.
1	ISSUED FOR COSTING	2017 MAR. 1	K.L.

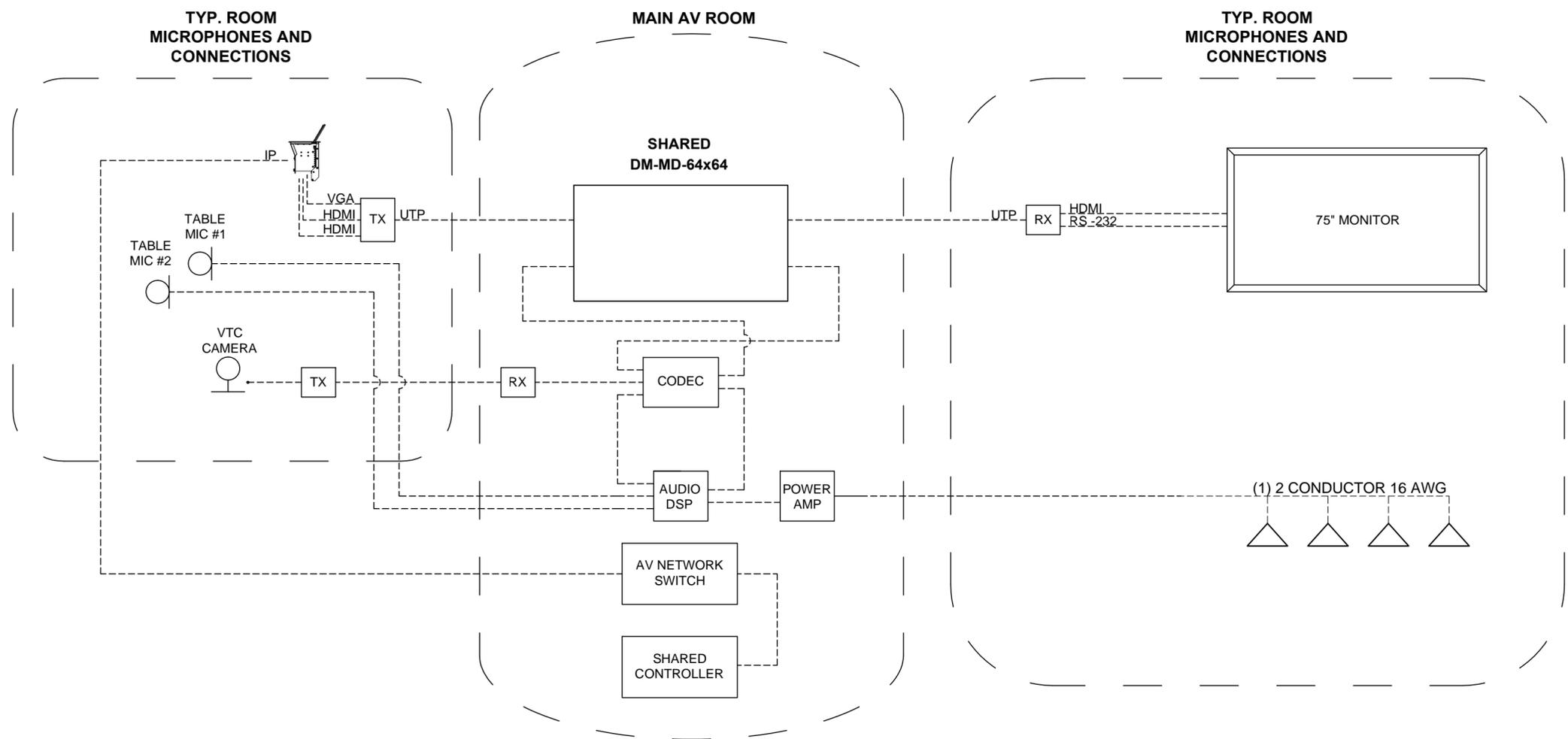
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: TYP. AV DIAGRAM FOR
 SMALL MEETING ROOMS

DESIGN BY: K. LEWIS APPROVED BY: K. LEWIS
 DRAWN BY: R.J. DATE: JUNE 14, 2017
 PROJ. NO.: AV-17004 DRAWING NO.: AV-18

GENERAL NOTES:

1. DO NOT SCALE THESE DRAWINGS.
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11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.



REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

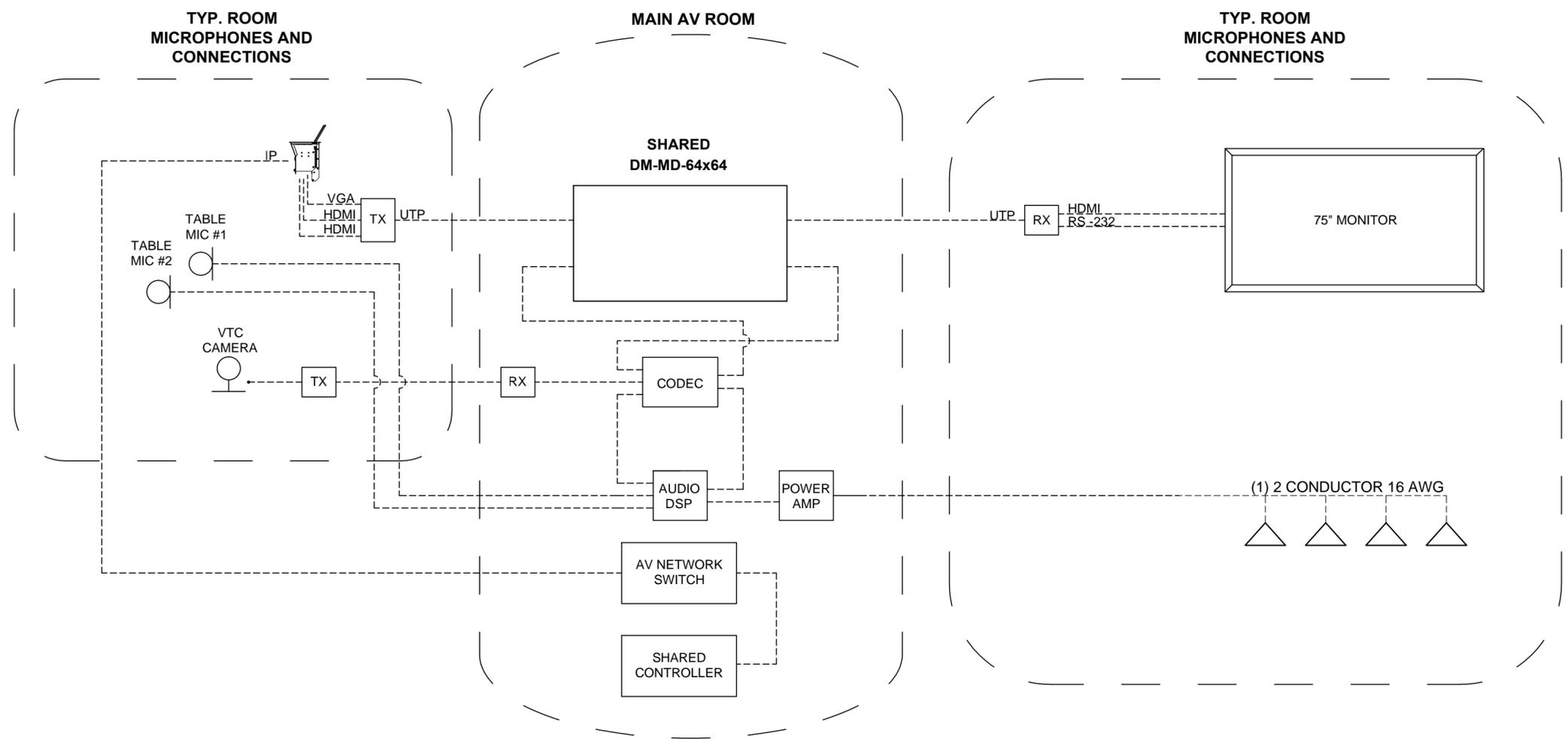
TITLE: TYP. AV DIAGRAM FOR
 MEDIUM MEETING ROOMS

DESIGN BY: K. LEWIS
 DRAWN BY: R.J.
 PROJ. NO: AV-17004

APPROVED BY: K. LEWIS
 DATE: JUNE 14, 2017
 DRAWING NO: AV-19

GENERAL NOTES:

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REV.	DESCRIPTION	DATE	APPR.
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3	100% CD	2017 APR. 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR. 17	K.L.
1	ISSUED FOR COSTING	2017 MAR. 1	K.L.

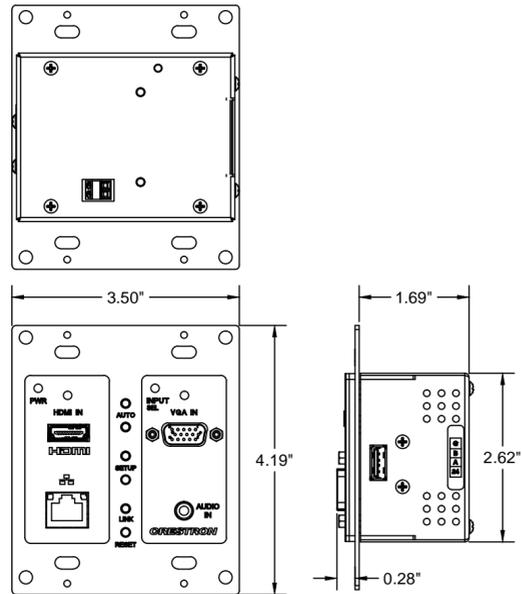
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: TYP. AV DIAGRAM FOR
 LARGE MEETING ROOMS

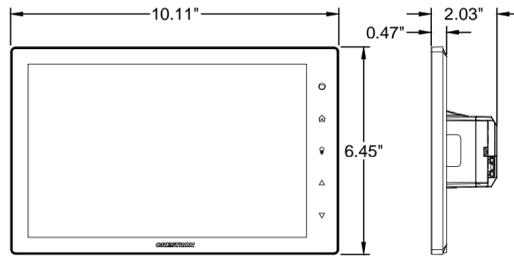
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-20

GENERAL NOTES

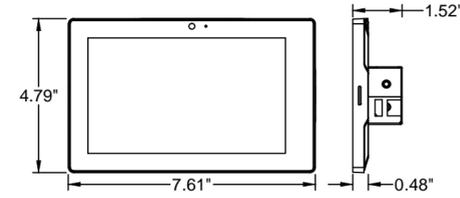
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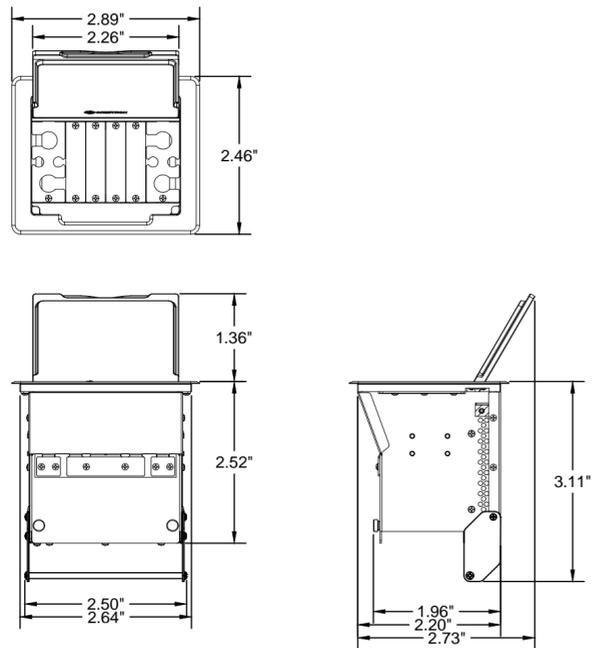
4 WALL MOUNTED PRESENTATION CONNECTION SCALE: NTS



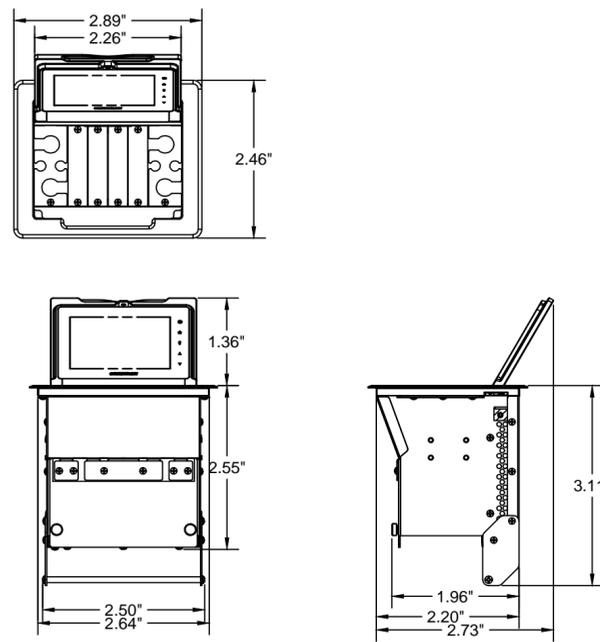
5 TOUCH PANEL: EXISTING SCALE: NTS



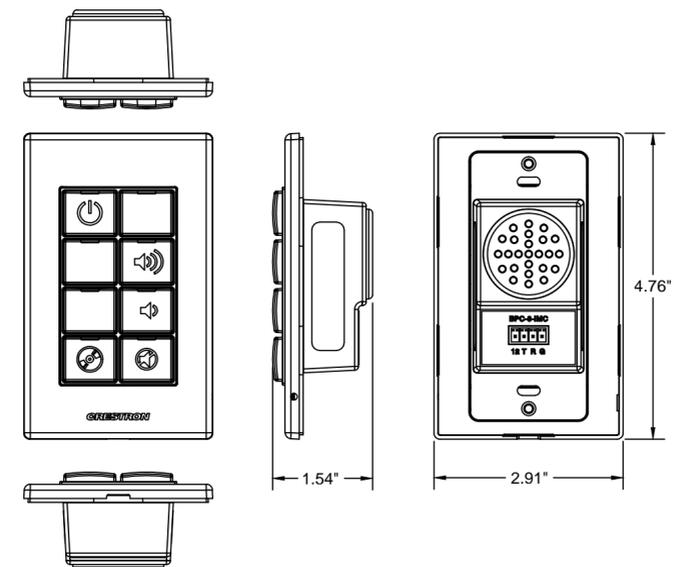
6 TOUCH PANEL SCALE: NTS



1 TABLE CUBBY SCALE: NTS



2 TABLE CUBBY W/ TOUCH PANEL SCALE: NTS



3 BASIC CONTROLLER SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUN 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
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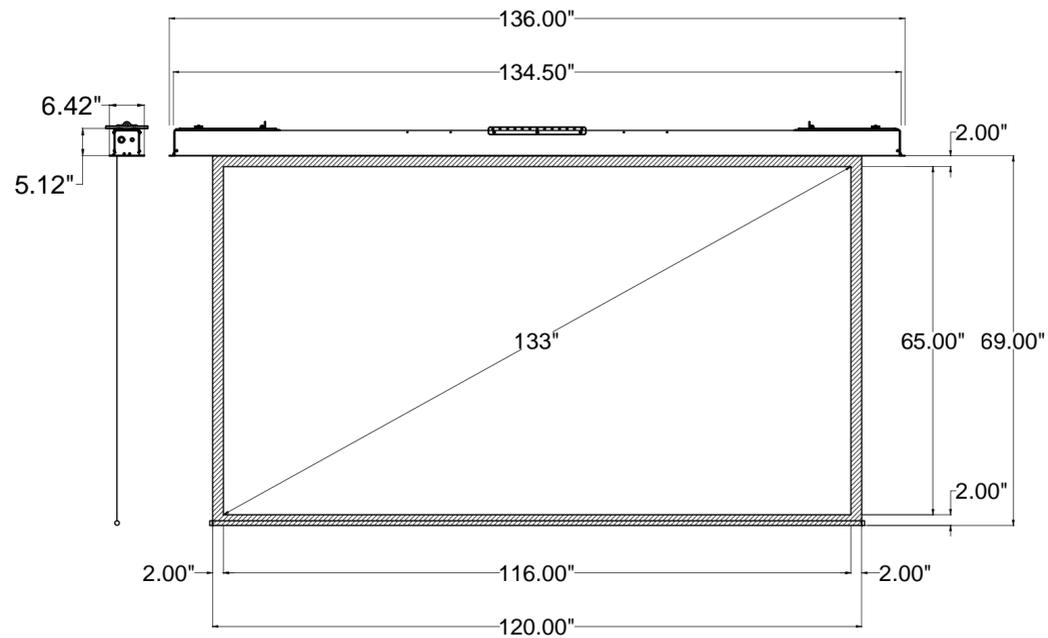
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: DETAIL SHEET #1

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-21

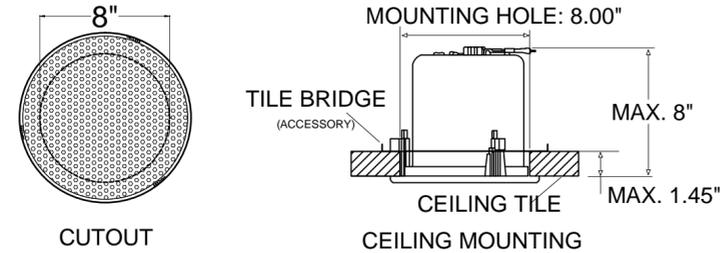
GENERAL NOTES

1. DO NOT SCALE THESE DRAWINGS.
2. GENERAL AND ELECTRICAL CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE GENERAL CONTRACTOR PRIOR TO PROCEEDING WITH ANY WORK.
3. THIS DRAWING WAS DEVELOPED FOR A SPECIFIC PURPOSE. USE FOR ANY OTHER PURPOSE IS NOT PERMITTED. THIS DRAWING SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT OF SIGHT N SOUND DESIGN INC.
4. THIS DRAWING MUST BE READ IN THE CONTEXT OF ALL OTHER DRAWINGS WHICH CONSTITUTE THIS DOCUMENT.
5. ALL 110 VOLT CABLES ARE SUPPLIED AND TERMINATED BY ELECTRICAL CONTRACTOR.
6. ELECTRICAL CONTRACTOR TO COORDINATE THEIR WORK RELATING TO AUDIO VISUAL WITH AUDIO VISUAL CONTRACTOR.
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8. ALL FLOOR BOXES ARE TO BE PROVIDED BY ELECTRICAL CONTRACTOR.
9. ISOLATED GROUND ELECTRICAL CIRCUITS ARE NOT TO BE USED FOR AUDIO VISUAL EQUIPMENT.
10. LOUDSPEAKER AND MICROPHONE CABLE TO RUN IN SEPARATE CABLE RUNS AND SEPARATE CONDUITS.
11. AT AV RACK LOW VOLTAGE TERMINATION BOX LOCATION LEAVE 15 FEET OF CABLE. AT ALL OTHER LOCATIONS LEAVE 5 FEET OF CABLE.



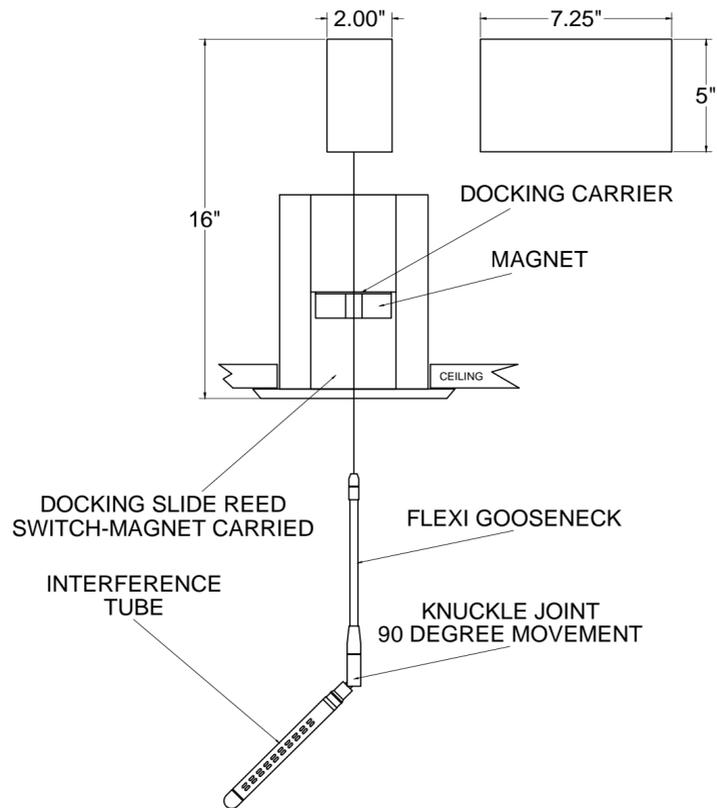
3 TYPICAL PROJECTOR SCREEN

SCALE: NTS



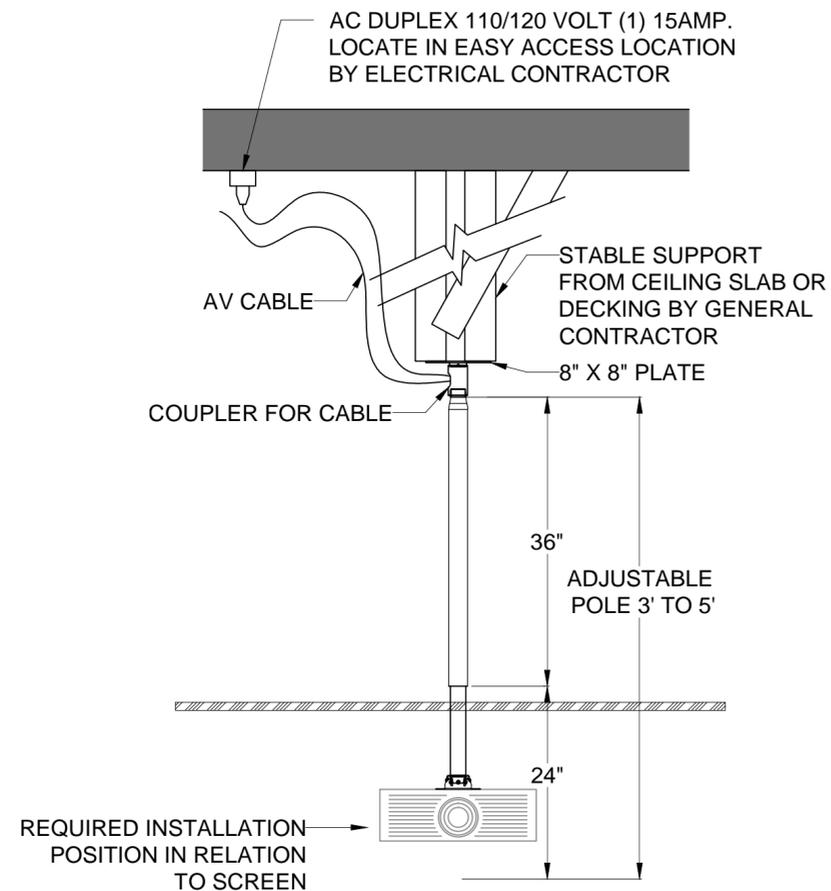
4 CEILING LOUDSPEAKER

SCALE: NTS



1 CEILING MOUNTED MICROPHONE

SCALE: NTS



2 TYPICAL CEILING MOUNTED PROJECTOR

SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
4	ISSUED FOR TENDER	2017 JUNE 16	K.L.
3	100% CD	2017 APR 24	K.L.
2	PROGRESS REVISION FOR COSTING	2017 MAR 17	K.L.
1	ISSUED FOR COSTING	2017 MAR 1	K.L.

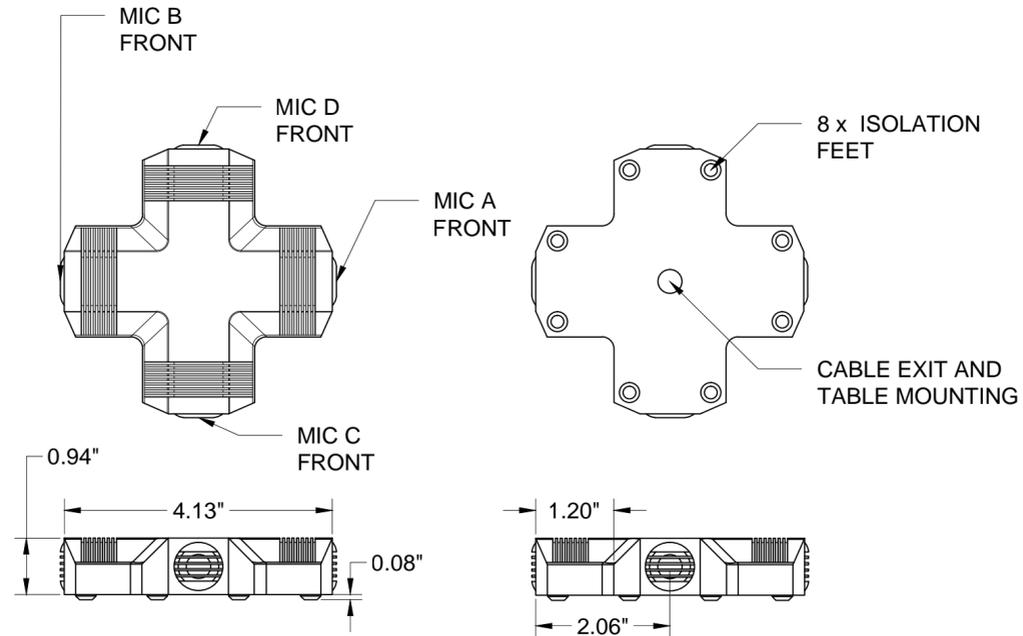
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: DETAIL SHEET #2

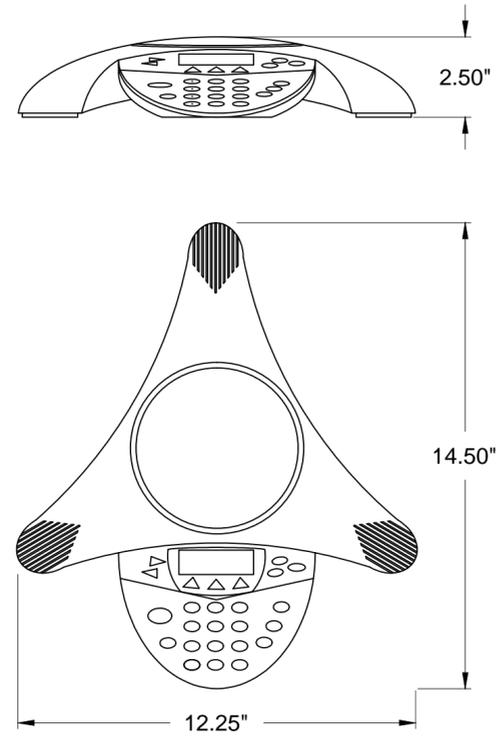
DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-22

GENERAL NOTES

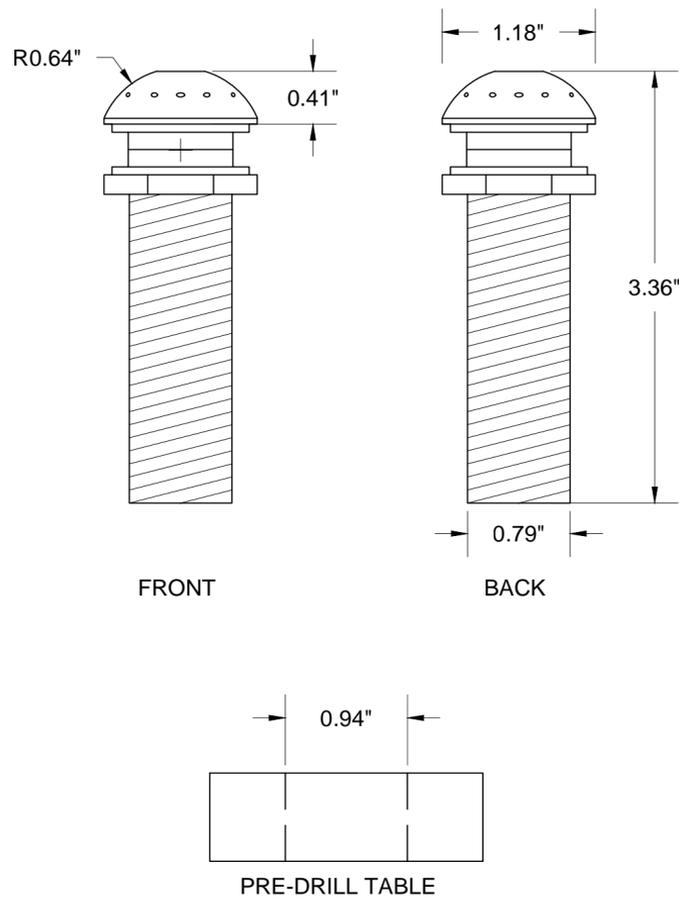
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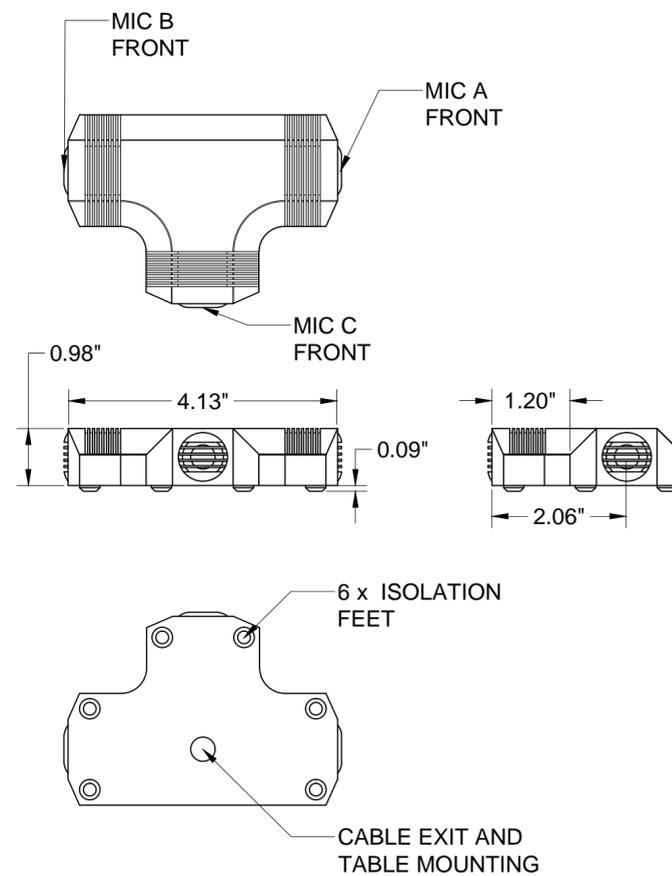
3 OMNI-DIRECTIONAL TABLE MOUNTED MICROPHONE, 4-ELEMENT
 SCALE: NTS



4 TYPICAL TABLETOP CONFERENCE UNIT
 SCALE: NTS



1 OMNI-DIRECTIONAL TABLE MOUNTED MICROPHONE
 SCALE: NTS



2 OMNI-DIRECTIONAL TABLE MOUNTED MICROPHONE, 3-ELEMENT
 SCALE: NTS

REV.	DESCRIPTION	DATE	APPR.
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3	100% CD	2017 APR 24	K.L.
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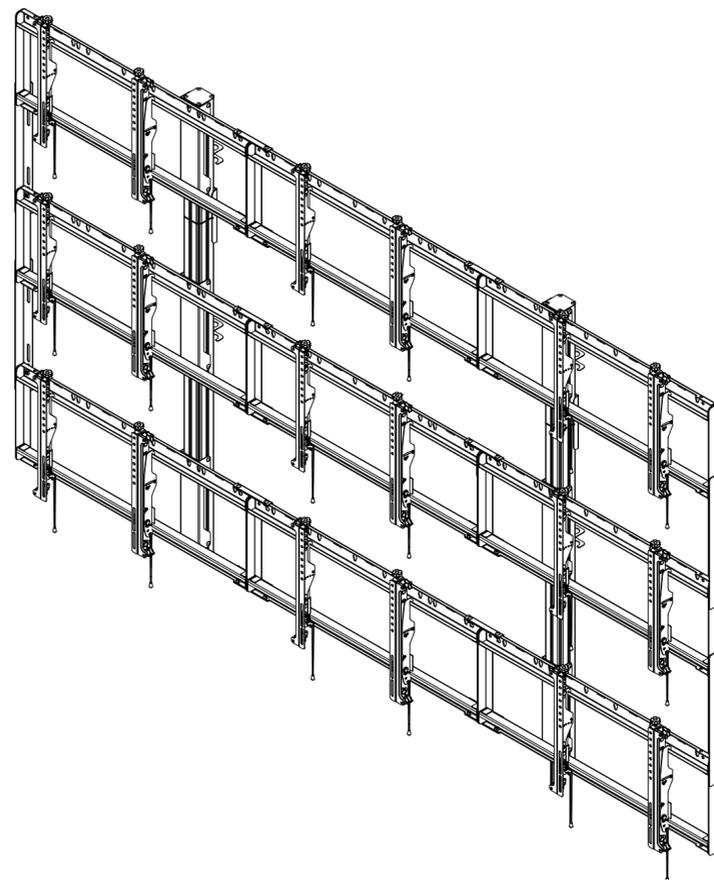
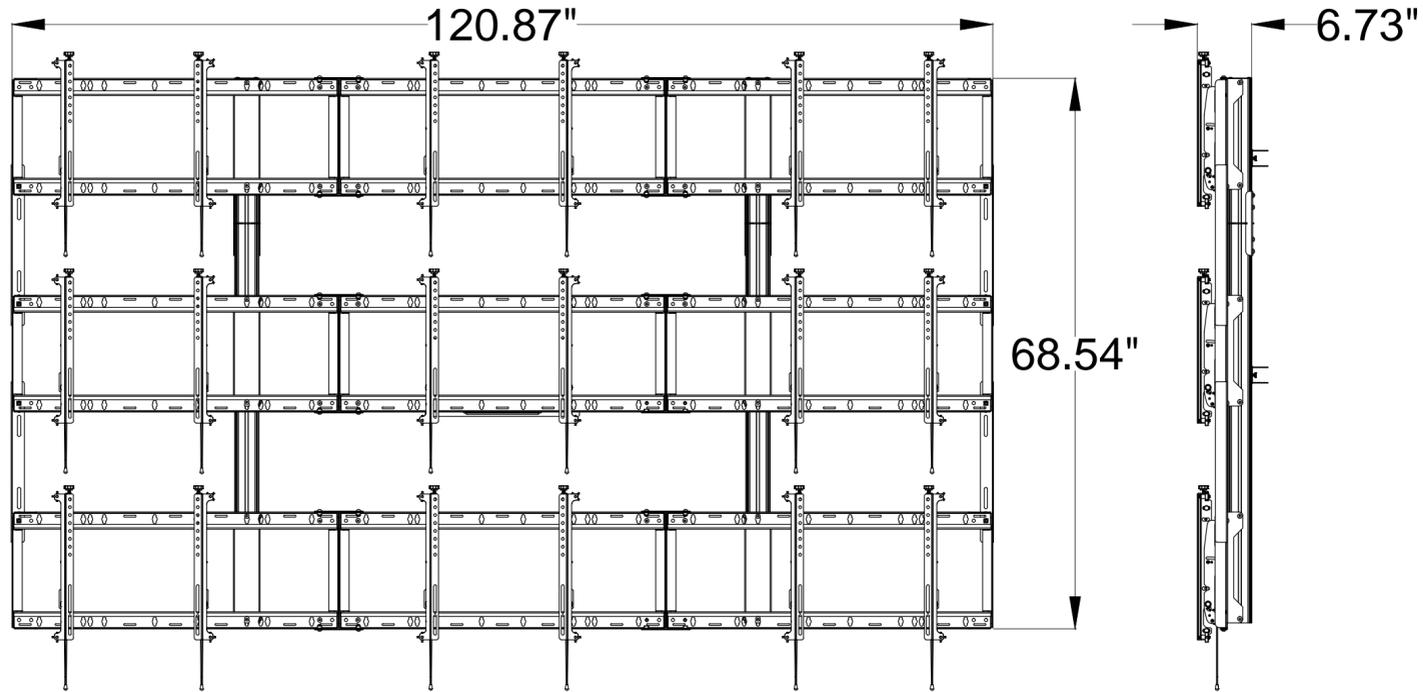
PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: DETAIL SHEET #3

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-23

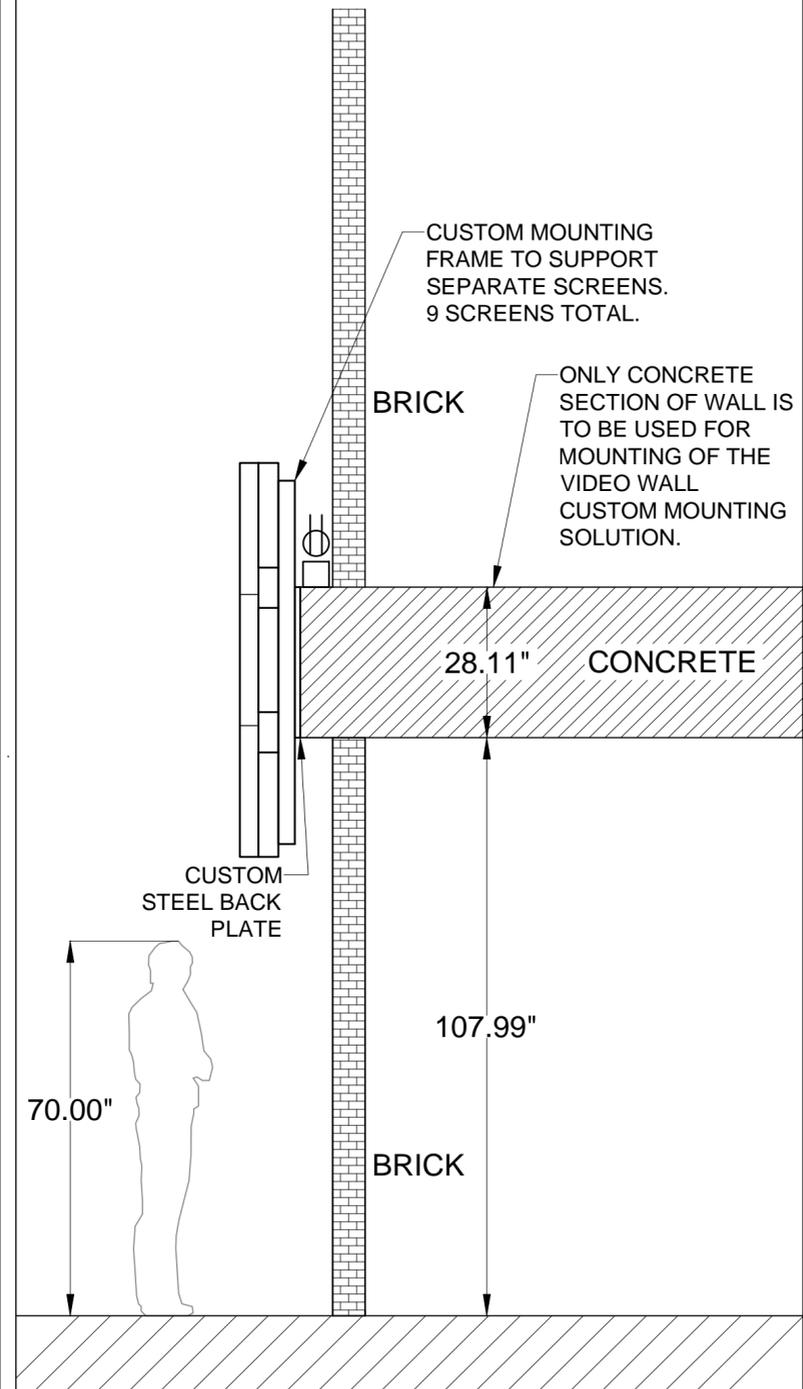
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1 VIDEO WALL MOUNTING FRAME

SCALE: NTS



2 MOUNTING FRAME SECTION

SCALE: NTS

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1	ISSUED FOR COSTING	2017 MAR 1	K.L.

PROJECT: PUBLIC WORKS
 GOVERNMENT SERVICES
 CANADA

TITLE: DETAIL SHEET #4

DESIGN BY: K. LEWIS	APPROVED BY: K. LEWIS
DRAWN BY: R.J.	DATE: JUNE 14, 2017
PROJ. NO: AV-17004	DRAWING NO: AV-24