



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions -
TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

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

There is a security requirement associated with this procurement

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet Audio Visual Systems/Carling Campus	
Solicitation No. - N° de l'invitation W8474-17CA17/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W8474-17CA17	Date 2018-05-04
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-331-74824	
File No. - N° de dossier hn331.W8474-17CA17	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-06-15	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Turner, Louie	Buyer Id - Id de l'acheteur hn331
Telephone No. - N° de téléphone (873) 469-3342 ()	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

Solicitation No. - N° de l'invitation
W8474-17CA17/A
Client Ref. No. - N° de réf. du client
W8474-17CA17

Amd. No. - N° de la modif.
001
File No. - N° du dossier
hn331.W8474-17CA17

Buyer ID - Id de l'acheteur
hn331
CCC No./N° CCC - FMS No./N° VME

Amendment # 1 is issued to provide the Appendix B Drawings.

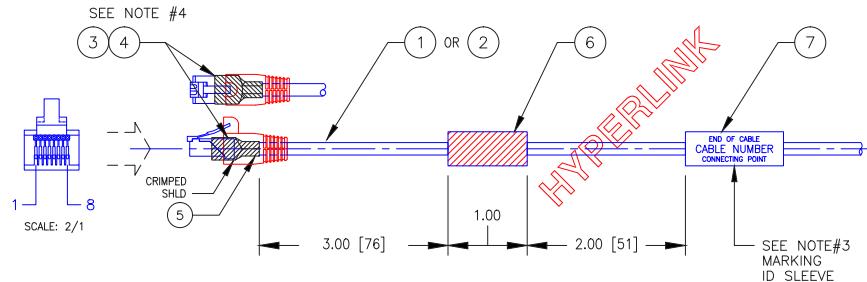
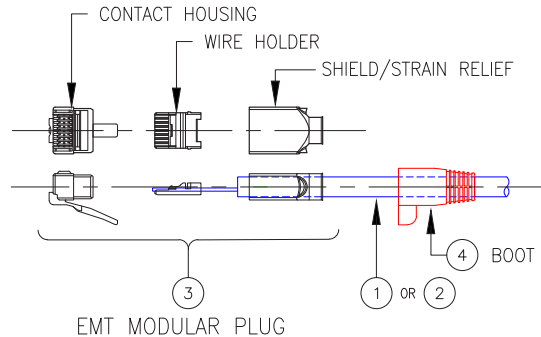
(This file was too large to post with the original posted solicitation)

All other terms and conditions remain the same.

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	SSTP4-C6 PATCH INDOOR-WH	CABLE, HYPERLINE, CAT6, SHLD S/STP, 4 PAIR, 23AWG, INDOOR WH	-	NOTE#1
2	PCCAT5EP	CABLE, RD, CAT5e, SHLD, 4 PAIR, 24AWG, CLR/BLK	-	NOTE#2
3	5-1375202	PLUG, CATEGORY 6, RJ45, STRD, 6mm, 8 PIN	-	NOTE#4
4	1-737893-3	BOOT, MODULAR PLUG, CATEGORY 6, CAT5, CLR RED		
5	CST-5	TAPE COPPER, SHLD, 10mm WD X 9cm [3.50"] LG	MIL-STD-202C	09851
6	FP-301VW 1/2"	TUBE HT SHRINK, DIA 13mm, 25mm LG, CLR RED	MIL-DTL-23053/5	
7	-	LABEL IDENTIFICATION	NOTE #2-(D)	85480

PIN ASSIGNMENT
STANDARD 'B'

PIN#	COLOUR
1	ORG/WHT
2	ORANGE
3	GRN/WHT
4	BLU
5	BLU/WHT
6	GREEN
7	BRN/WHT
8	BROWN



NOTES:

1. NEW CABLE IS ETHERNET RATED CABLE

ITEM#1 IS PRIMARY CABLE HYPERLINE CAT6 S/STP4 REPLACES PROPLEX CABLE PCCAT5EP ITEM#2 OR EQUIVALENT. THIS CABLE WILL BE USED FOR BASIC TWO WAY SERIAL CONTROL APPLICATIONS, WITH SHIELDED PAIR USED FOR Tx & Rx AND THE SINGLE CONDUCTOR FOR GROUND, WHILE THE OTHER SHIELD IS BONDED TO METAL SHELLS ON CLOSURE OR I/O APPLICATIONS.

MFG/SUPPLIER INFORMATION LISTED BELOW.
HYPERLINE SYSTEMS CANADA LTD.
C7-2212 GLADWIN CRES.
OTTAWA ONTARIO
K1B-5N1, CANADA
PH: 1-613-634-9737

2. OPTIONAL CABLE IS PROPLEX RATED CABLE (P/N#PCCAT5EP)

A 4PAIR, 24AWG, 100 OHM SFTP ROUND PATCH CABLE, DESIGNED TO THE ISO/IEC 11801 CATEGORY 5e REQUIREMENTS. THE CABLE CONTAINS 4- TWISTED PAIRS, CABLED, DOUBLE SHIELDED WITH KELVAR REINFORCEMENT STRANDS, JACKET IN BLACK UV RESISTANT POLYURETHANE.

MFG/SUPPLIER INFORMATION LISTED BELOW.
TMB PRODUCTIONS
UNITS, 278 COOK STREET
MEAFORD ONTARIO
N4L-1H3, CANADA
PH: 1-519-538-0388 FAX: 1-519-538-0887

2. IDENTIFICATION MARKINGS BY D STRAT CS/AVC2 PROTOCOL.

- TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
- CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
- BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
- ALL LABELS SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL (eg. LLSL5-Y3-2.5 FOR SMALL DIA. CABLES & LLSL11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.

4. CABLE PREPARATION ITEM#1

- SLIDE BOOT & ITEM#4 OVER CABLE END BEFORE STRIPPING CABLE.
- STRIP CABLE JACKET 30-40mm [1.18-1.58] AND FOLD OUTSIDE SHIELD (BRAIDED WIRE) BACK OVER OUTER JACKET. IN CASE OF BRAID AND FOIL TOGETHER, FOIL MUST BE TRIMMED UP TO 2mm [.08] MAX.
- FOIL OF INDIVIDUAL PAIR SHIELDS MUST BE TRIMMED UP TO MAX 2mm [.08] AND UNTWIST INDIVIDUAL PAIRS AS MUCH AS POSSIBLE.

5. INSTALLATION RJ45 MODULAR PLUG ITEM#3

- BASIC COMPONENTS OF RJ45 EMT MODULAR PLUG CONSIST OF ONE HOUSING, WIRE HOLDER, SHIELD W/STRAIN RELIEF AND BOOT.
- REFER TO NOTE#4 FOR CABLE PREPARATION.
- FIRMLY HOLD POSITION PAIRS (SEE PIN ARRANGEMENT) MAKE A PRELIMINARY CUT AND INSERT WIRE CONDUCTORS THROUGH THE WIRE HOLDER AND SLIDE THE WIRE HOLDER UP TO JACKET END. TRIM ALL CONDUCTORS EVENLY AND SQUARE, JUST BEYOND FRONT EDGE OF THE WIRE HOLDER.
- INSERT THE FRONT OF THE WIRE HOLDER INTO THE PLUG HOUSING CAVITY, PUSH THE WIRE HOLDER INTO THE HOUSING UNTIL IT LATCHES.
- VISUALLY VERIFY THAT ALL CONDUCTORS ARE FULLY INSERTED INTO THE HOUSING WITH THE ENDS OF THE CONDUCTORS SEATED AGAINST THE END OF HOUSING CAVITY.
- SLIDE PLUG SHIELD OVER THE PLUG SUBASSEMBLY UNTIL IT SEATS AGAINST THE FRONT EDGE OF RECESSED AREA AROUND THE OUTSIDE OF THE PLUG HOUSING.
- INSERT THE PLUG AND SHIELD ASSEMBLY INTO THE APPROPRIATE TOOLING AND CRIMP THE CONNECTOR. THE SHIELD MUST BE FREE OF BULGES, TEARS AND MUST BE UNIFORM AFTER CRIMPING OPERATION.
- TRIM AWAY ANY BRAID/FOIL AND DRAIN WIRE LEFT EXTENDING BEYOND THE END OF THE PLUG SHIELD. SLIDE THE BOOT OVER THE CRIMPED PLUG AND SHIELD.

6. SUPPLIER ITEMS#3

AMP NETCONNECT ARE TRADE MARKS FOR
TYCO ELECTRONICS CANADA LTD. (NCAGE #L2433)
20 ESNA PARK DR., MARKHAM, ON, CANADA, L3R 1E1
PH: 905-475-6222 OR 905-470-5211

LAST UPDATE
29\SEP\2017

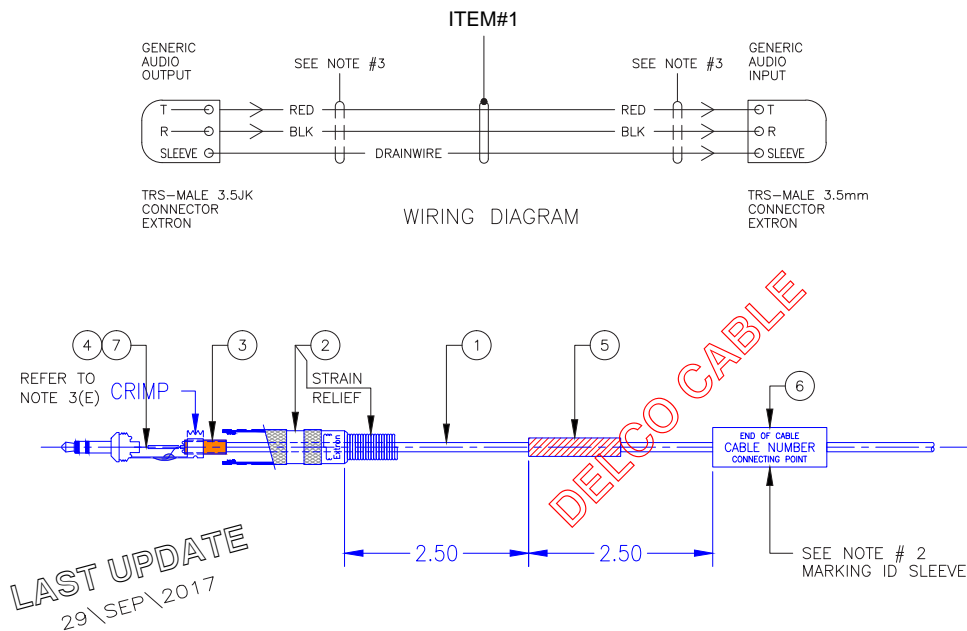
REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTR	DATE	NOMENCLATURE / DESCRIPTION	DAWN	DES	CDN	VER	UNIT IDENTIFICATION	D STRAT CS / AVC2			
XX	MM/14	PROJ/DIR:	INT.	INT.			DRAWN BY:	JW.DIXON	CHKD BY:	D STRAT CS / AVC2	
							CHECKED BY:	NAME	APPROVED BY:	NAME	
							DATE:	DD/MM/14	SCALE:	NTS	
							FILE REFERENCE No:		NSCM	36374	
							No DE REFERENCE DU DOSSIER	RFC/RFS			
							SHEET	OF	CLASSIFICATION	DWG SIDE	
							FEUILLE	1 DE 1	UNCLASSIFIED	B4	
							DRAWING No:	17-AVC2-RJ45-LAN			
							No DU DESSIN				

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

SUBJECT:

LAN / ETHERNET
RJ45 CABLE CONNECTOR
ASSEMBLY

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	33642P/BRAID	CABLE, PLENUM. 1PAIR, 22AWG. SGL/CON SHLD	NOTE #1	38644
2	100-331-01	CONN, STEREO PLUG, 3.5JK, MALE W/STRAIN RELIEF	—	0E0R8
3	CST-5	TAPE COPPER, SHLD, 10mmW X 60mm LG	MIL-STD-202C	09851
4	FP-301VW 1/16"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR CLEAR	MIL-DTL-23053/4	
5	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 13mm LG, CLR RED	MIL-DTL-23053/4	
6	—	LABEL IDENTIFICATION	NOTE #2	85480
7	24-0060-0023	SOLDER, WIRE, SOLID, 0.75mm DIA, TIN ALLOY	MIL-STD-454N	10178

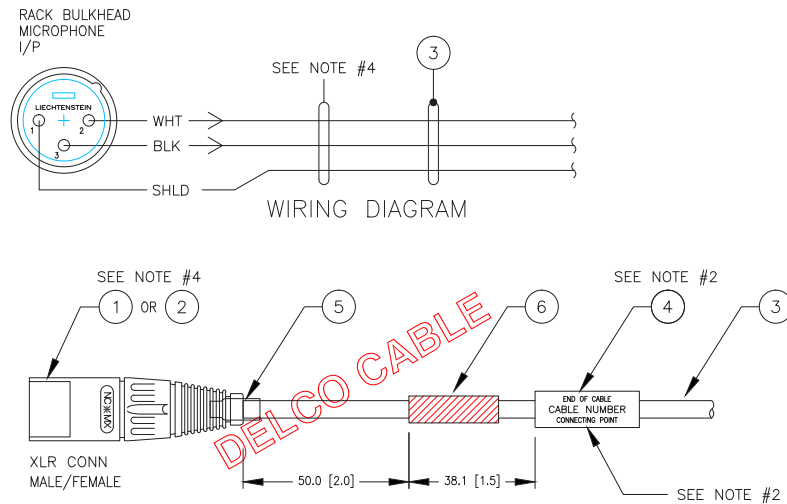


NOTES:

- NEW CABLE IS PLENUM RATED CABLE (P/N#33642P/BRAID) SINGLE PAIR 22 AWG SHIELDED AUDIO CABLE WITH 8 TWIST PER FOOT AND OVERALL FOIL SHIELD WITH DRAIN WIRE AND BRADED COPPER OUTER SHIELD. THIS CABLE IS USED IN ALL BALANCED AUDIO SIGNAL PATHS, UNBALANCED AUDIO SIGNALS AND FOR BASIC ONE WAY SERIAL CONTROL APPLICATIONS. SINGLE CONDUCTOR FOR GROUND, WHILE THE OTHER SHIELD IS BONDED TO THE METAL SHELLS ON CLOSURE OR I/O APPLICATIONS. MFG/SUPPLIER INFORMATION LISTED BELOW.
DELCO WIRE AND CABLE LTD.
1 SARAMIA CRES., CONCORD, ON, CANADA, L4K 3S6
PH: 800-668-7127 OR 905-669-2476
DUNS 208814848
- IDENTIFICATION MARKINGS BY D STRAT CS/AVC2 PROTOCOL.
 - TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
 - CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
 - BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
 - ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJS15-Y3-2.5 FOR SMALL DIA. CABLES & LJS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.
- CABLE PREPARATION FOR ITEM #1
 - SLIDE HEAT SHRINK COLOUR RED (ITEM #5) OVER CABLE END AND REFER TO CABLE DIAGRAM FOR PLACEMENT AND APPLY HEAT TO SECURE ITEM#4.
 - STRIP BACK OUTER JACKET 5/8" [15mm] FROM CABLE END AND TRIM ALUMINUM MYLAR SHIELD & KEVLAR STRANDS BACK TO OUTER JACKET AND LEAVING BRAIDED SHIELD UNTOUCHED.
 - ALIGN COPPER TAPE ITEM#3 WITH EDGE OF OUTER JACKET, COMPLETE ONE (1) TURN AROUND OUTER JACKET (DO NOT CUT COPPER TAPE).
 - TRIM BRAIDED SHIELD (GND) 10mm LG AND FOLD BACK OVER COPPER TAPE. TIGHTLY WRAP REMAINING COPPER TAPE (ITEM#3) AROUND BRAIDED SHIELD AND OUTER JACKET.
 - UNSCREW CONNECTOR ITEM#2 AND SLIDE COMPONENTS OVER PREPARED CABLE END. POSITION GROUND SLEEVE OVER COPPER TAPE AND CRIMP FORKS ON SLEEVE TO PREVENT CABLE FROM SHIFTING AND APPLYING STRESS ON SOLDERED JOINTS.
- SOLDERING CONNECTOR
 - STRIP BACK RED & WHITE CONDUCTOR JACKETS 1/4" [6mm] SUITABLE TO ALLOW SOLDERING TO GROUND SLEEVE AND SOCKET CUP ON TERMINAL TIP.
 - BEFORE SOLDERING CONDUCTORS TO ITEM#2 SLIDE HEAT SHRINK ITEM#4 OVER CONDUCTOR WIRES
 - SOLDER CONDUCTORS USING ITEM#7, CHECK FOR SOLID CONTACT AND SLIDE ITEM#4 BACKOVER TERMINAL AND APPLY HEAT. CLOSE CONNECTOR AND REPEAT CABLE PREPARATION (NOTE#3, #4) AT OPPOSITE END.

REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTS	DATE	NOMENCLATURE / DESCRIPTION	DAWN	DES	CRD	VER	UNIT IDENTIFICATION	D STRAT CS / AVC2			
A	SEP/17	XX	JWD	BS	THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.			DRAWN BY: J.W.DIXON			
					SUBJECT: MINI STEREO HQ 3.5JK AUDIO CONNECTOR ASSEMBLY			CHKD BY: NAME			
								DATE: DD/MM/17			
								FILE REFERENCE NO: DD/MM/17			
								SCALE: NTS			
								NORM: 36374			
								CLASSIFICATION: UNCLASSIFIED			
								DRAWING NO: 17-AVC2-3.5JK-CONN			

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	NC3MX	CONN, XLR, X SERIES, MALE, 3 POLE	X	38047
2	NC3FX	CONN, XLR, X SERIES, FEMALE, 3 POLE	X	38047
3	83552	CABLE, 2 CDR, 22 AWG, BRAIDED, SHIELD, FT 6	X	0E0R8
4	LAT-19-361	SLEEVE, IDENTIFICATION	MIL-I-23052/5	85480
5	FP-301VW 1/8"	TUBE, HT SHRINK, DIA 3mm, 5mm LG, CLR BLK	MIL-DTL-23053/4	09581
6	FP-301VW 1/2"	TUBE, HT SHRINK, DIA 5mm, 25mm LG, CLR RED	MIL-DTL-23053/5	09581
7	24-0060-0023	SOLDER, WIRE, SOLID, 0.75mm DIA, TIN ALLOY	MIL-STD-454N	10178



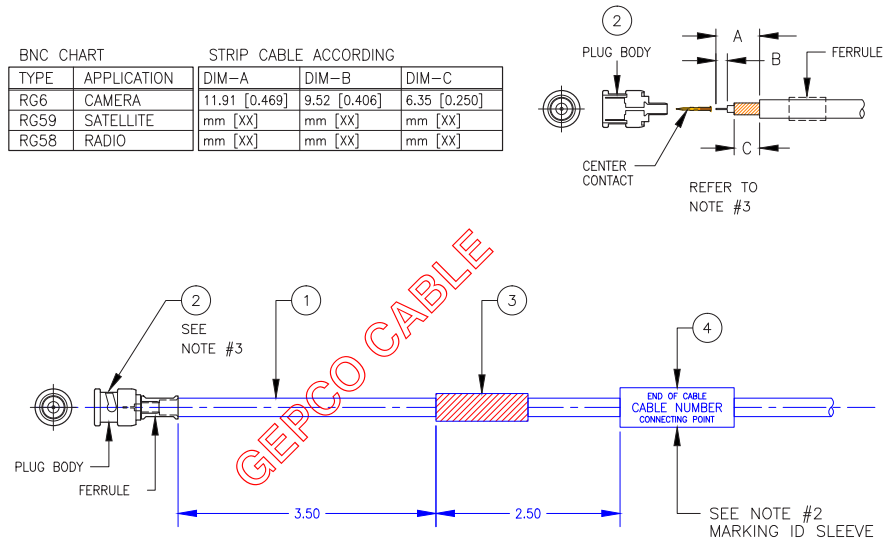
NOTES:

- THIS DRAWING IS A PICTORIAL VIEW SHOWING GENERAL ARRANGEMENT OF ELECTRICAL COMPONENTS. AND ONLY ITEMS DESCRIBED ON THIS DRAWING WHEN PROCURED FROM VENDOR(S) LISTED HEREON IS APPROVED BY D STRAT CS/AVC2 FOR USE IN THE APPLICATION(S) SPECIFIED HEREON AND ANY SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY D STRAT CS/AVC2.
- IDENTIFICATION MARKINGS BY D STRAT CS/AVC2 PROTOCOL.
 - TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
 - CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
 - BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
- ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJSLS-Y3-2.5 FOR SMALL DIA. CABLES & LJSLS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.
- FOR ALL EXTERNAL GENERIC CABLE ASSEMBLIES, LEADING FROM VTC EQUIPMENT RACK OR ANY OTHER SPECIFIED EQUIPMENT, INSTALL NEAREST CONNECTOR FROM THESE COMPONENTS TO CABLE. (REFER TO WIRING DIAGRAM). LEAVING FAR END UNATTACHED TO FEED THROUGH PANDUIT OR CONDUIT RUNWAYS (LENGTH OF CABLE TO BE DETERMINED ON SITE) BEFORE INSTALLING LAST CONNECTOR TO CABLE ASSEMBLY.
- CABLE PREPARATION FOR ITEM #1 AS FOLLOWS: (REFER TO WIRE DIAGRAM)
 - TRIM OUTER JACKET 1 1/4" [32mm] FROM CABLE END TO EXPOSE BRAIDED SHIELD.
 - UNWIND BRAID SHIELD BACK 1" [25mm] AND WRAP SINGLE CONDUCTOR OR OPEN BRAIDED SHIELD 1/4" [6mm] FROM END OF JACKET, BEND SHARPLY & PULL CENTER CONDUCTORS UP THROUGH OPENING.
 - TRIM TO SINGLE CONDUCTOR SHIELD TO A LENGTH SUITABLE TO ALLOW SOLDERING (ITEM #7) TO PIN 1 WITHOUT LEAVING STRESS ON CONNECTION.
 - COVER SINGLE CONDUCTOR WITH TEFLON TUBE OR HEAT SHRINK (ITEM #5). LEAVING 3/32" [2mm] EXPOSED FOR SOLDERING. TERMINATE TO PIN #1.
 - TERMINATE BLACK & WHITE CONDUCTORS AS INDICATED IN WIRING DIAGRAM.
- ALL SOLDERING TO BE USING ITEM #7.

LAST UPDATE
29\SEP\2017

REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTZ	DATE	NOMENCLATURE / DESCRIPTION	DAWN	DES	CDN	VERIF	UNIT IDENTIFICATION IDENTIFICATION DE L'UNITÉ				
XX	MM/17	PROJ/DIR:	INT.	INT.			D STRAT CS / AVC2				
THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.							DRAWN BY: DES: JW.DIXON				
							CHECKED BY: VERIF: NAME				
							DATE: DD/MM/17				
							FILE REFERENCE NO: NO DE REFERENCE DU DOSSIER				
							SHEET OF: 1 DE 1				
SUBJECT: AUDIO CONNECTOR 3 POLE XLR CONN. ASSEMBLY							CLASSIFICATION: UNCLASSIFIED				
							DRAWING NO: 17-AVC2-3XLR-CONN				

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	VSD2001-TS	CABLE, COAX, HD/SDI, 18AWG, RG6 PLENUM, BLK AM-3 SHLD 95% (UL) CMP		NOTE #1
2	100-260-01	CONN, BNC, MALE CRIMP, G6, 75 OHMS, 24AWG CENTRE COND.	-	38644
3	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR RED	MIL-DTL-23053/5	09851
4	-	LABEL IDENTIFICATION	NOTE #2	85480



NOTES:

- NEW COAXIAL CABLE IS PLENUM RATED (P/N-VSD2001-TS)
THIS IS A HIGH RESOLUTION & HIGH DEFINITION PLENUM RATED VIDEO COAXIAL CABLE 4.5 GHz BANDWIDTH. CABLE HAS A SINGLE CONDUCTOR SURROUNDED WITH DIELECTRIC INSULATOR, WIRE BRAIDED SHIELD, AND ALUMINUM FOIL WITH POLYETHYLENE OUTER JACKET.
THIS CABLE IS USED IN ONE WAY APPLICATIONS
X
MFG/SUPPLIER INFORMATION LISTED BELOW.
GENERAL CABLE TECHNOLOGIES CORPORATION, GEPCO BRAND (TRADEMARK)
4 TESSENER DRIVE
HIGHLAND HEIGHTS, KY 41076
PH: 859.572.8000 FAX: 859.572.8458

- IDENTIFICATION MARKINGS BY JSCSS 2-5 PROTOCOL.
(A) TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
(B) CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
(C) BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
(D) ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJSLS-Y3-2.5 FOR SMALL DIA. CABLES & LJSLS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.

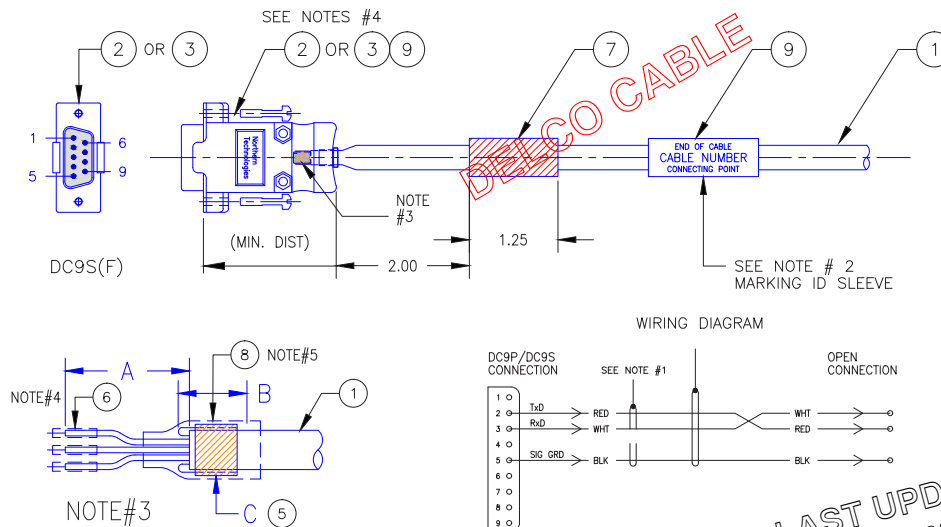
3. CABLE PREPARATION FOR ITEM #1

- DETERMINE THE CABLE TYPE FOR YOUR APPLICATION (SEE CHART), THEN SELECT AN APPROPRIATE CONNECTOR. EACH CONNECTOR FEATURES A CENTRE CONTACT, PLUG BODY, AND FERRULE. SOME CONNECTORS SUPPLY A PLASTIC BUSHING AND A BRASS TUBE.
- USE AMP COAXIAL CABLE STRIPPER TO MAKE APPROPRIATE CUTS DEPENDING ON TYPE OF BNC CONNECTOR SELECTED. TRY SOME SAMPLE CUTS TO ADJUST THE TOOL TO THE PROPER SPACING & DEPTHS BY MFG INSTRUCTIONS.
- SLIDE HEAT SHRINK ITEM#3 FIRST AND FERRULE FROM BNC CONNECTOR KIT OVER CABLE END. PUSH FAR ENOUGH TO BE OUT OF WAY.
- THE CENTRE CONTACT IS CRIMPED TO CABLE'S CENTRE CONDUCTOR AND INSERTED INTO PLUG BODY WITH BRAID WIRE OVER THE SUPPORT SLEEVE OF THE PLUG BODY.
- SLIDE THE FERRULE OVER BRAID WIRE AND SUPPORT SLEEVE MAKING CONTACT WITH PLUG BODY. CRIMP FERRULE USING APPROPRIATE TOOLING.
- SLIDE HEAT SHRINK INTO FINAL POSITION (SEE DIAGRAM) AND APPLY HEAT TO SECURE POSITION.

LAST UPDATE
29/SEP/2017

REVISION - REVISION				DND - NOTICE		National Defence / Défense nationale	
REV	DATE	NOMENCLATURE / DESCRIPTION	APP'D	CHK'D	UNIT IDENTIFICATION	D STRAT CS / AVC2	
A	OCT/17	CHANGED FILE/DWG NUMBER	JWD	BS	DRAWN BY: JW.DIXON CHECKED BY: NAME DATE: DD/MM/17 FILE REFERENCE NO: NTS SHEET 1 OF 1 CLASSIFICATION: UNCLASSIFIED DRAWING NO: 17-AVC2-BNC-CONN		
THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.					D STRAT CS / AVC2 D STRAT CS / AVC2 NAME NAME NTS 36374 RFC/RFS UNCLASSIFIED B4		
SUBJECT:					BNC CRIMP CONNECTOR ASSEMBLY		

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	37903P/BRAID	CABLE, PLENUM. 3 CON, 22AWG. SGL/CON SHLD	NOTE #1	38644
2	DC9P	CONN, STR PLUG, 9 PIN, MALE, D-SUB	—	38250
3	DC9S	CONN, STR SOCKET, 9 PIN, MALE, D-SUB	—	
4	C88000209	BACKSHELL, 2 PIECE, METAL, DB9, C/W MTG/HDW	—	
5	CST-5	TAPE COPPER, SHLD, 10mm W X 30mm LG	MIL-STD-202C	09851
6	FP-301VW 1/16"	TUBE HT SHRINK, DIA 3mm, 13mm LG, CLR BLK	MIL-DTL-23053/4	
7	FP-301VW 1/2"	TUBE HT SHRINK, DIA 13mm, 25mm LG, CLR RED	MIL-DTL-23053/5	
8	FP-301VW 1/2"	TUBE HT SHRINK, DIA 13mm, 25mm LG, CLR BLK	MIL-DTL-23053/5	
9	—	LABEL IDENTIFICATION	NOTE #2	85480
10	24-0060-0023	SOLDER, WIRE, SOLID, 0.75mm DIA, TIN ALLOY	MIL-STD-454N	10178



NOTES:

1. NEW CABLE IS PLENUM RATED CABLE (P/N#37903P/BRAID)

HAVING 22 AWG SHIELDED TWISTED PAIR AND AN UNSHIELDED SINGLE CONDUCTOR ALL INSIDE A FOIL OVERALL SHIELD WITH A DRAIN WIRE AND AN OUTER SHIELD IS BONDED TO METAL SHELLS ON THE CONNECTOR. THIS CABLE WILL BE USED FOR BASIC TWO WAY SERIAL CONTROL APPLICATIONS, WITH SHIELDED PAIR USED FOR Tx & Rx AND THE SINGLE CONDUCTOR FOR GROUND, WHILE THE OTHER SHIELD IS BONDED TO THE METAL SHELLS ON CLOSURE OR I/O APPLICATIONS. MFG/SUPPLIER INFORMATION LISTED BELOW.

—DELCO WIRE AND CABLE LTD.
—1 SARAFIA CRES., CONCORD, ON, CANADA, L4K 3S6
—PH: 800-668-7127 OR 905-669-2476
—DUNS 208814848

2. IDENTIFICATION MARKINGS BY JSCSS 2-5 PROTOCOL.

- TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
- CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
- BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
- ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJSLS-Y3-2.5 FOR SMALL DIA. CABLES & LJSLS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.

3. CABLE PREPARATION FOR ITEM #1

- STRIP BACK OUTER JACKET 1.50" [38mm] FROM CABLE END AND TRIM ALUMINUM MYLAR SHIELD & KEVLAR STRANDS BACK TO OUTER JACKET AND LEAVING BRAIDED SHIELD UNTOUCHED (SEE NOTE 'C').
- ALIGN COPPER TAPE ITEM#3 WITH EDGE OF OUTER JACKET, COMPLETE ONE (1) TURN AROUND OUTER JACKET (DO NOT CUT COPPER TAPE).
- TRIM BRAIDED SHIELD AND DRAIN WIRE (GND) 13mm LG AND FOLD BACK OVER COPPER TAPE. TIGHTLY WRAP REMAINING COPPER TAPE (ITEM#3) AROUND BRAIDED SHIELD AND OUTER JACKET.
- SLIDE HEAT SHRINK COLOUR RED (ITEM #7) OVER CABLE END AND REFER TO CABLE DIAGRAM FOR PLACEMENT AND APPLY HEAT TO SECURE ITEM#7.

4. SOLDERING CONNECTOR

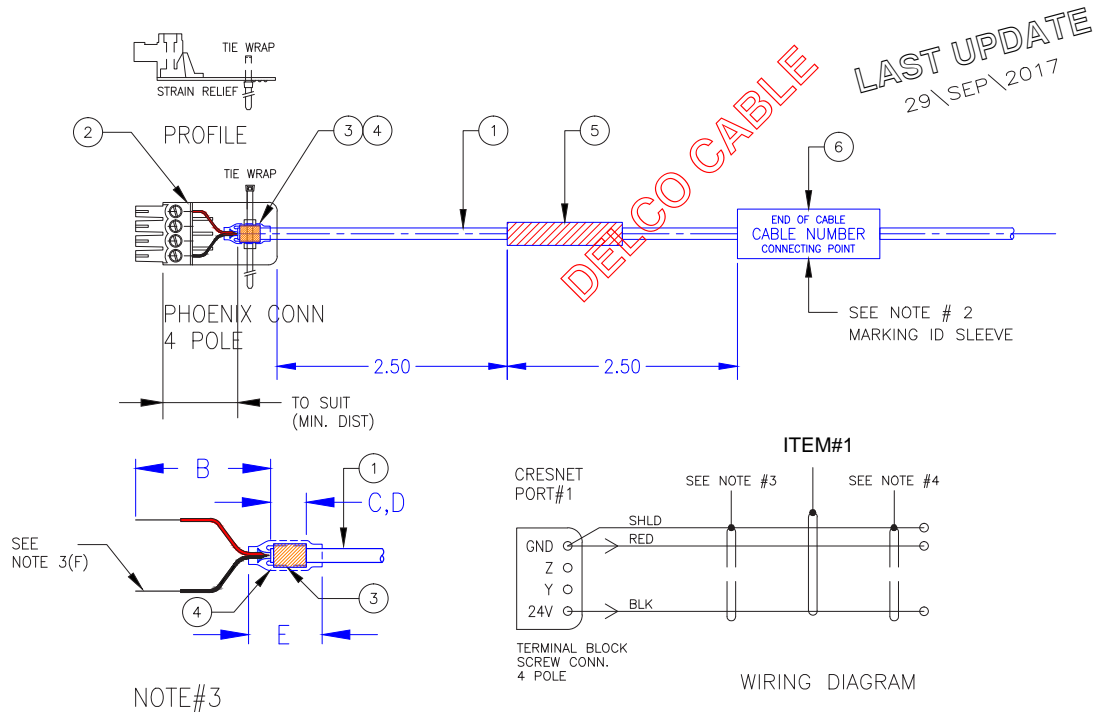
- STRIP BACK OUTER JACKET 1/4" [6mm] FROM WIRE CONDUCTOR ENDS.
- BEFORE SOLDERING CONDUCTORS TO ITEM#2 (DC9P) CONNECTOR OR ITEM#3 (DC9S) CONNECTOR, SLIDE HEAT SHRINK ITEM#6 OVER CONDUCTOR WIRE ENDS AND SOLDER CONNECTIONS USING ITEM#9. CHECK FOR SOLID CONTACT BEFORE SLIDING ITEM#6 BACK OVER TERMINAL AND APPLY HEAT.

5. OPTIONAL-OPEN CONNECTION

- COPPER TAPE CONNECTION MUST BE PROTECTED ON OPPOSITE END OF CONDUCTOR CABLE USING HEAT SHRINK ITEM#8. REFER TO NOTE#3 FOR CABLE PREPARATION.

REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTS LIT	DATE	NOMENCLATURE / DESCRIPTION	DOWN DES	CHG VERN	INT.	INT.	UNIT IDENTIFICATION	D STRAT CS / AVC2			
XX	MM/17	PROJ/DIR:					DRAWN BY: JW.DIXON CHECKED BY: NAME DATE: DD/MM/17 FILE REFERENCE No: DD/MM/17 SHEET 1 OF 1 CLASSIFICATION UNCLASSIFIED DWSI SIZE B4 17-AVC2-DB9-CONN				
							SUBJECT: DB9 CABLE CONNECTOR ASSEMBLY THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.				

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	39902P/BRAID	CABLE, PLENUM. 2 CON, 22AWG. BRAIDED SHLD	NOTE #1	38644
2	COMM'L	TERM/BLK, PLUG, SCREW, 90° HDR W/STRAIN RELIEF, 4 POLE	—	0E0R8
3	CST-5	TAPE COPPER, SHLD, 10mmW X 60mm LG	MIL-STD-202C	09851
4	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR BLK	MIL-DTL-23053/5	
5	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR RED	MIL-DTL-23053/5	
6	—	LABEL IDENTIFICATION	NOTE #2	85480



NOTES:

1. NEW CABLE IS PLENUM RATED CABLE (P/N#39902P/BRAID)

THIS CABLE HAS ONE PAIR 22AWG SHIELDED CONTROL CABLE WITH 6 TWISTS PER FOOT FOR INDIVIDUAL PAIRS AND THE PAIRS TWISTING 2.4 TIMES PER FOOT. OUTER SHIELD IS ALUMINUM FOIL AND DRAIN WIRE COVERED BY TINNED COPPER BRAIDED SHIELD.

THIS CABLE WILL BE USED FOR RS232 & RS422 APPLICATIONS AS WELL AS IN MULTIPLE CONTACT CLOSURE OR I/O APPLICATIONS.

MFG/SUPPLIER INFORMATION LISTED BELOW [NCAGE#38644].

DELCO WIRE AND CABLE LTD.
1 SARAMIA CRES., CONCORD, ON, CANADA, L4K 3S6
PH: 800-668-7127 OR 905-669-2476
DUNS 208814848

2. IDENTIFICATION MARKINGS BY JSCSS 2-5 PROTOCOL.

- TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
- CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
- BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
- ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJSL5-Y3-2.5 FOR SMALL DIA. CABLES & LJSL11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.

3. CABLE PREPARATION FOR ITEM #1

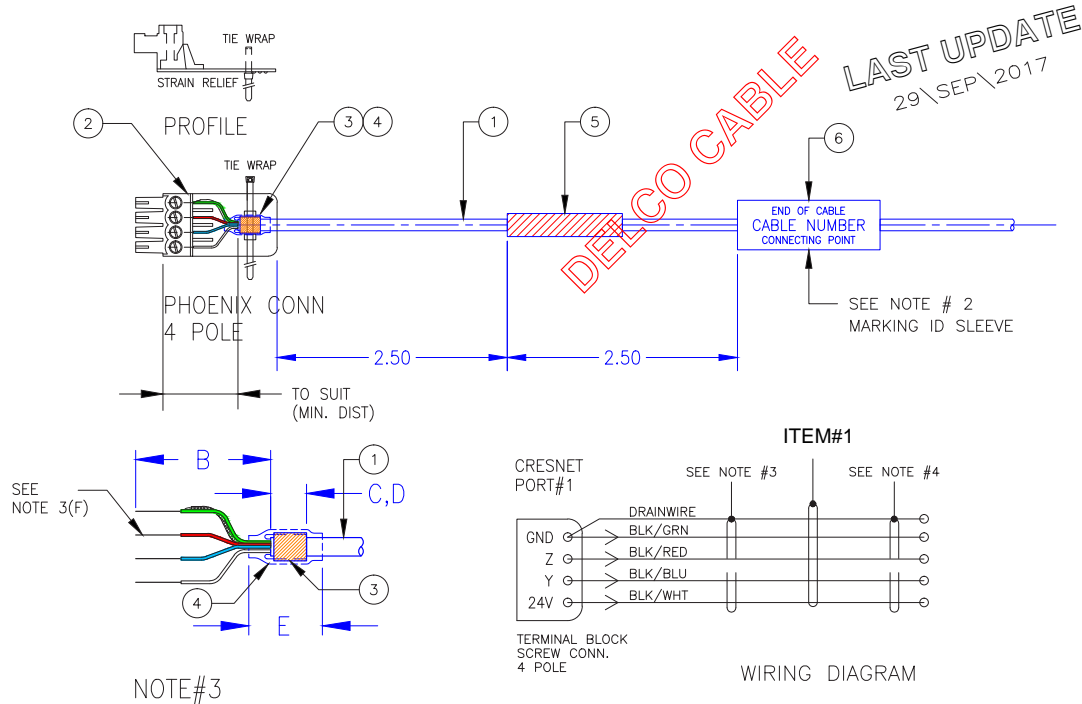
- SLIDE HEAT SHRINK COLOUR RED (ITEM #5) OVER CABLE END AND REFER TO CABLE DIAGRAM FOR PLACEMENT AND APPLY HEAT TO SECURE ITEM#4.
- STRIP BACK OUTER JACKET 7/8" [22mm] FROM CABLE END AND TRIM ALUMINUM MYLAR SHIELD & KEVLAR STRANDS BACK TO OUTER JACKET AND LEAVING BRAIDED SHIELD UNTOUCHED.
- ALIGN COPPER TAPE ITEM#3 WITH EDGE OF OUTER JACKET, COMPLETE ONE (1) TURN AROUND OUTER JACKET (DO NOT CUT COPPER TAPE).
- TRIM BRAIDED SHIELD AND DRAIN WIRE (GND) 10mm LG AND FOLD BACK OVER COPPER TAPE. TIGHTLY WRAP REMAINING COPPER TAPE (ITEM#3) AROUND BRAIDED SHIELD AND OUTER JACKET.
- SLIDE HEAT SHRINK ITEM#4 OVER COPPER TAPE ITEM#3 AND APPLY HEAT.
- STRIP BACK WHITE, RED, BLUE & GREEN CONDUCTOR JACKETS 1/4" [6mm] SUITABLE TO ALLOW WIRE LEADS TO BE INSERTED INTO 4 POLE PHOENIX CONTACT TERMINAL ITEM#2.
- THREAD NYLON TIE WRAP THROUGH STRAIN RELIEF AND AROUND HEAT SHRINK PULL TIGHT UNTIL CABLE END IS SECURE & TRIM TAIL OFF NYLON STRAP.

4. OPTIONAL-OPEN CONNECTION

- COPPER TAPE CONNECTION MUST BE PROTECTED ON OPPOSITE END OF CONDUCTOR CABLE USING HEAT SHRINK ITEM#4. REFER TO NOTE#3 FOR CABLE PREPARATION.

REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTS	DATE	NOMENCLATURE / DESCRIPTION	DOWN	DES	CHG	VER	UNIT IDENTIFICATION	D STRAT CS / AVC2			
XX	MM/17	PROJ/DIR:	INT.	INT.			DRAWN BY:	JW.DIXON	DATE:	D STRAT CS / AVC2	
							CHECKED BY: <td>NAME <td>SCALE: <td>NTS </td></td></td>	NAME <td>SCALE: <td>NTS </td></td>	SCALE: <td>NTS </td>	NTS	
							DATE: <td>DD/MM/17 <td>EDHLE <td>36374 </td></td></td>	DD/MM/17 <td>EDHLE <td>36374 </td></td>	EDHLE <td>36374 </td>	36374	
							FILE REFERENCE NO: <td colspan="3">RFC/RFS </td>	RFC/RFS			
							SHEET <td>OF <td>CLASSIFICATION <td>DWG SIZE </td></td></td>	OF <td>CLASSIFICATION <td>DWG SIZE </td></td>	CLASSIFICATION <td>DWG SIZE </td>	DWG SIZE	
							FEUILLE	1 DE 1	UNCLASSIFIED	B4	
							DRAWING NO: 17-AVC2-PHXCONN-2P				

ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	30204P/BRAID	CABLE, PLENUM. 4 CON, 22AWG. BRAIDED SHLD	NOTE #1	38644
2	COMM'L	TERM/BLK, PLUG, SCREW, 90° HDR W/STRAIN RELIEF, 4 POLE	—	0E0R8
3	CST-5	TAPE COPPER, SHLD, 10mmW X 60mm LG	MIL-STD-202C	09851
4	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR BLK	MIL-DTL-23053/5	
5	FP-301VW 1/4"	TUBE HT SHRINK, DIA 3mm, 10mm LG, CLR RED	MIL-DTL-23053/5	
6	—	LABEL IDENTIFICATION	NOTE #2	85480



NOTES:

1. NEW CABLE IS PLENUM RATED CABLE (P/N#30204P/BRAID)

THIS CABLE HAS FOUR PAIR 22AWG SHIELDED CONTROL CABLE WITH 6 TWISTS PER FOOT FOR INDIVIDUAL PAIRS AND THE PAIRS TWISTING 2.4 TIMES PER FOOT. OUTER SHIELD IS ALUMINUM FOIL AND DRAIN WIRE COVERED BY TINNED COPPER BRAIDED SHIELD.

THIS CABLE WILL BE USED FOR RS232 & RS422 APPLICATIONS AS WELL AS IN MULTIPLE CONTACT CLOSURE OR I/O APPLICATIONS.

MFG/SUPPLIER INFORMATION LISTED BELOW [NCAGE#38644].

DELCO WIRE AND CABLE LTD.

1 SARAMIA CRES., CONCORD, ON, CANADA, L4K 3S6

PH: 800-668-7127 OR 905-669-2476

DUNS 208614848

2. IDENTIFICATION MARKINGS BY JSCSS 2-5 PROTOCOL.

(A) TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.

(B) CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.

(C) BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.

(D) ALL LABEL'S SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL. (eg: LJSLS-Y3-2.5 FOR SMALL DIA. CABLES & LJSLS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE '8PT' OR 2.5mm HIGH, INK COLOUR IS BLACK.

3. CABLE PREPARATION FOR ITEM #1

(A) SLIDE HEAT SHRINK COLOUR RED (ITEM #5) OVER CABLE END AND REFER TO CABLE DIAGRAM FOR PLACEMENT AND APPLY HEAT TO SECURE ITEM#4.

(B) STRIP BACK OUTER JACKET 7/8" [22mm] FROM CABLE END AND TRIM ALUMINUM MYLAR SHIELD & KEVLAR STRANDS BACK TO OUTER JACKET AND LEAVING BRAIDED SHIELD UNTOUCHED.

(C) ALIGN COPPER TAPE ITEM#3 WITH EDGE OF OUTER JACKET, COMPLETE ONE (1) TURN AROUND OUTER JACKET (DO NOT CUT COPPER TAPE).

(D) TRIM BRAIDED SHIELD (GND) 10mm LG AND FOLD BACK OVER COPPER TAPE. TIGHTLY WRAP REMAINING COPPER TAPE (ITEM#3) AROUND BRAIDED SHIELD AND OUTER JACKET.

(E) SLIDE HEAT SHRINK ITEM#4 OVER COPPER TAPE ITEM#3 AND APPLY HEAT.

(F) STRIP BACK WHITE, RED, BLUE & GREEN CONDUCTOR JACKETS 1/4" [6mm] SUITABLE TO ALLOW WIRE LEADS TO BE INSERTED INTO 4 POLE PHOENIX CONTACT TERMINAL ITEM#2.

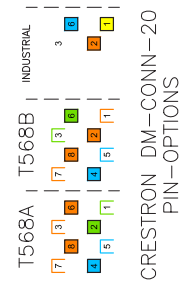
(G) THREAD NYLON TIE WRAP THROUGH STRAIN RELIEF AND AROUND HEAT SHRINK PULL TIGHT UNTIL CABLE END IS SECURE & TRIM TAIL OFF NYLON STRAP.

4. OPTIONAL-OPEN CONNECTION

(C) COPPER TAPE CONNECTION MUST BE PROTECTED ON OPPOSITE END OF CONDUCTOR CABLE USING HEAT SHRINK ITEM#4. REFER TO NOTE#3 FOR CABLE PREPARATION.

REVISION - REVISION				DND - NOTICE				National Defence / Défense nationale			
LTG	DATE	NOMENCLATURE / DESCRIPTION	DAWN	DES	INT.	INT.	UNIT IDENTIFICATION	D STRAT CS/ AVC2			
XX	MM/17	PROJ/DIR:					DRAWN BY: JW.DIXON CHECKED BY: NAME DATE: DD/MM/17 SCALE: NTS FILE REFERENCE NO: DD/MM/17 SHEET 1 OF 1 CLASSIFICATION: UNCLASSIFIED DWD SIZE: B4 DRAWING NO: 17-AVC2-PHXCONN-4P				
							SUBJECT: TERMINAL BLOCK 4 POLE PHOENIX CONTACT CABLE ASSEMBLY				
							APPROVED BY: NAME DATE: DD/MM/17 SCALE: NTS FILE REFERENCE NO: DD/MM/17 SHEET 1 OF 1 CLASSIFICATION: UNCLASSIFIED DWD SIZE: B4 DRAWING NO: 17-AVC2-PHXCONN-4P				

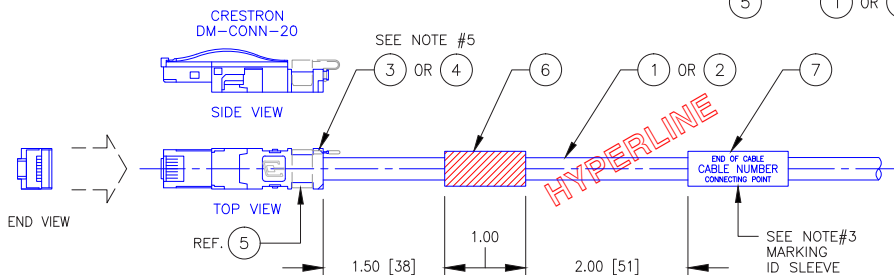
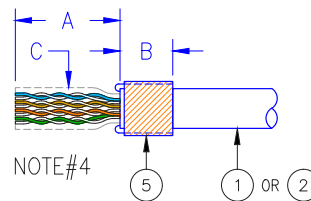
ITEM NO DE L'ART	IDENTIFYING NO D'IDENTIFICATION	NOMENCLATURE / DESCRIPTION	SPECIFICATION	CODE IDENT CODE D'IDENT
1	SSTP4-C6 PATCH INDOOR-WH	CABLE, HYPERLINE, CAT6, SHLD S/STP, 4 PAIR, 23AWG, INDOOR WH	—	NOTE#1
2	PCCAT5EP	CABLE, RD, CAT5e, SHLD, 4 PAIR, 24AWG, CLR/BLK	—	NOTE#2
3	650-2789	DM-CONN 20, RJ45, CAT5e, 8 PIN	—	—
4	J80026A0003	CONN, STX IP20, RJ45, CAT6, AWG 22-26	—	NOTE#7
5	CST-5	TAPE COPPER, SHLD, 10mm WD X 9cm [3.50"] LG	MIL-STD-202C	09851
6	FP-301VW 1/2"	TUBE HT SHRINK, DIA 13mm, 25mm LG, CLR RED	MIL-DTL-23053/5	
7	—	LABEL IDENTIFICATION	NOTE #2-(D)	85480



PIN ASSIGNMENT STANDARD 'B'

PIN#	COLOUR
1	ORG/WHT
2	ORANGE
3	GRN/WHT
4	BLU
5	BLU/WHT
6	GREEN
7	BRN/WHT
8	BROWN

LAST UPDATE
29\SEP\2017



NOTES:

1. NEW CABLE IS ETHERNET RATED CABLE

ITEM#1 IS PRIMARY CABLE HYPERLINE CAT6 S/STP4 REPLACES PROPLEX CABLE PCCAT5EP ITEM#2 OR EQUIVALENT. THIS CABLE WILL BE USED FOR BASIC TWO WAY SERIAL CONTROL APPLICATIONS, WITH SHIELDED PAIR USED FOR Tx & Rx AND THE SINGLE CONDUCTOR FOR GROUND, WHILE THE OTHER SHIELD IS BONDED TO METAL SHELLS ON CLOSURE OR I/O APPLICATIONS.

MFG/SUPPLIER INFORMATION LISTED BELOW.
HYPERLINE SYSTEMS CANADA LTD.
C7-2212 GLADWIN CRES.
OTTAWA ONTARIO
K1B-5N1, CANADA
PH: 1-613-634-9737

2. OPTIONAL CABLE IS PROPLEX RATED CABLE (P/N#PCCAT5EP)

A 4PAIR, 24AWG, 100 OHM SFTP ROUND PATCH CABLE, DESIGNED TO THE ISO/IEC 11801 CATEGORY 5e REQUIREMENTS. THE CABLE CONTAINS 4-TWISTED PAIRS, CABLED, DOUBLE SHIELDED WITH KELVAR REINFORCEMENT STRANDS, JACKET IN BLACK UV RESISTANT POLYURETHANE.

MFG/SUPPLIER INFORMATION LISTED BELOW.

TMB PRODUCTIONS
UNITS, 278 COOK STREET
MEAFORD ONTARIO
N4L-1H3, CANADA
PH: 1-519-538-0388 FAX: 1-519-538-0887

3. IDENTIFICATION MARKINGS BY D STRAT CS\AVC2 PROTOCOL.

- (A) TOP ROW DESIGNATES CONNECTION POINT AT LABEL END OF CABLE.
- (B) CENTRE ROW DESIGNATES CABLE NUMBER AS IDENTIFIED ON FUNCTIONAL DRAWINGS.
- (C) BOTTOM ROW DESIGNATES CONNECTION POINT AT FAR END OF CABLE.
- (D) ALL LABELS SHALL BE PANDUIT SELF LAMINATING INK JET OR LASER LABEL (eg: LJS15-Y3-2.5 FOR SMALL DIA. CABLES & LJS11-Y3 FOR LARGER DIA. CABLES). SOURCE, IDENTIFIERS & CABLE ID'S SHALL BE ALL UPPER CASE CHARACTERS, & FONT SIZE "8PT" OR 2.5mm HIGH, INK COLOUR IS BLACK.

4. CABLE PREPARATION FOR ITEM #1

- (A) STRIP BACK OUTER JACKET 1" [25mm] FROM CABLE END AND TRIM ALUMINUM MYLAR SHIELD & KEVLAR STRANDS BACK TO OUTER JACKET AND LEAVING BRAIDED SHIELD UNTOUCHED (SEE NOTE "C").
- (B) ALIGN COPPER TAPE ITEM#3 WITH EDGE OF OUTER JACKET, COMPLETE ONE (1) TURN AROUND OUTER JACKET (DO NOT CUT COPPER TAPE).
- (C) TRIM BRAIDED SHIELD 13mm LG AND FOLD BACK OVER COPPER TAPE, TIGHTLY WRAP REMAINING COPPER TAPE (ITEM#3) AROUND BRAIDED SHIELD AND OUTER JACKET.

5. INSERTING WIRES

- (A) USE CAUTION TO AVOID NICKING OR CUTTING THE WIRES. REFER TO PIN ASSIGNMENT TABLE.
- (B) ARRANGE BROWN & GREEN WIRES FOR T568B TERMINATION (SEE MFG TAG) AND INSERT WIRE PAIRS INTO THE HOLES ON RIGHTSIDE OF THE CONNECTOR. PULL EXCESS WIRE THROUGH HOLES UNTIL COPPER TAPE IS NEAR FLUSH TO THE INSERTION POINT.
- (C) ARRANGE BLUE & ORANGE WIRES FOR T568B TERMINATION (SEE MFG TAG). SEAT THE BLUE AND ORANGE WIRE PAIRS IN THE WIRE CHANNELS ON THE TOP OF THE CONNECTOR. SNAP THE ATTACHED PLASTIC CLAMP TO SECURE WIRES. REFER TO PLASTIC CLAMP ON THE RIGHT.
- (D) TRIM BROWN, ORANGE, BLUE & ORANGE PAIRS THAT THEY ARE FLUSH WITH END OF WIRE CHANNELS.
- (E) ALIGN AND ATTACH THE OTHER HALF OF THE CONNECTOR. PRESS FIRMLY UNTIL YOU HEAR A CLICK.

6. UNUSED WIRES

- (A) ANY UNUSED WIRES AT EITHER END OF CABLE ASSEMBLY MUST BE TIED BACK TO GROUND. STRIP OUTER JACKET BACK 10mm [3/8"] FOLD WIRE BACK INTO BRAIDED SHIELD, CONTINUE TO WRAP COPPER TAPE AROUND BRAIDED SHIELD AND UNUSED WIRE ENDS. REFER TO NOTE 3(C) FOR DETAILS

7. ITEM 4 MFG/SUPPLIER LISTED BELOW.












TELEGARTNER KARI GARTNER GmbH
LERCHEN STR. 35
STEINERBRANN, GERMANY
D-71144
PH: +49 (0) 7157.125-0
FAX: +49 (0) 7157.125-5120

REVISION - REVISION						DND - NOTICE						National Defence / Défense nationale					
LTG	DATE	NOMENCLATURE / DESCRIPTION		DOWN	UP	THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.						UNIT IDENTIFICATION IDENTIFICATION DE L'UNITÉ					
XX	MM/YY	PROJ/DIR:		INT.	INT.	SUBJECT:						D STRAT CS / AVC2					
						CRESTRON DM-CONN-20 RJ45 CABLE CONNECTOR ASSEMBLY						DRAWN BY: J.W.DIXON					
												CHECKED BY: NAME					
												DATE: DD/MM/YY					
												FILE REFERENCE NO: NTS					
												SHEET 1 OF 1					
						CLASSIFICATION: UNCLASSIFIED						DRAWING NO: 17-AVC2-RJ45-DMCONN					

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SWD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL

REFERENCE.			
REVISION - REVISION			
REV	DATE	DESCRIPTION AND SUBMISSION	BY
P1	04/07/98	SOLICITATION W8474-17-CA17	MD
			AS

SCHEMATIC LEGEND

LEGEND	DESCRIPTION	CABLE NUMBERS
	CONTROL CABLES	G200 SERIES
	AUDIO CABLES	A300 SERIES
	OVERFLOW (ANY SERIES)	400 SERIES
	MULTI-PURPOSE CABLES	M500 SERIES
	VIDEO CABLES (ORIGINAL)	V600 SERIES
	NETWORK CABLES	N700 SERIES
	FIBRE CABLES	F800 SERIES
	PWR/SUP. CABLES	P900 SERIES
	FUTURE EQUIPMENT	TO SUIT APPLICATION
	BOUNDARY	NIL
	AV EQUIPMENT	NIL

ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-SES-500	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-SES-501	CONFRM - PLAN VIEW
17-CAMPUS-SES-502	CONFRM - ELEV.
17-CAMPUS-SES-503	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUS-SES-504	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-SES-505	MTG ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUS-SES-506	MTG ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUS-SES-507	TYP. OFFICE & COLLABORATION - ELEV.

FURNITURE

DWG NUMBER	TITLE DESCRIPTION
17-CAMPU S-E3-601	TECH TABLE TOP VIEW & ELEVATION
17-CAMPU S-E3-602	TECH TABLE SIDE VIEW & ELEVATION
17-CAMPU S-E3-603	TECH TABLE SECTION VIEWS
17-CAMPU S-E3-604	VTC TABLE SECTION VIEWS
17-CAMPU S-E3-605	OPERATOR'S DESK SECTION VIEWS
17-CAMPU S-E3-606	OPERATOR'S DESK AT RACK SECTION VIEWS
17-CAMPU S-E3-607	LECTERN SECTION VIEWS

CABLES

DWG NUMBER	TITLE DESCRIPTION
17 / A/C2 3.5K CONN	3.5K CONN
17 / A/C2 3XLR CONN	3XLR CONN
17 / A/C2 BNC CONN	BNC CONN
17 / A/C2 DB9 CONN	DB9 CONN
17 / A/C2 PH XCONN 2P	PHOENIX CONN 2 POLE
17 / A/C2 PH XCONN 3P	PHOENIX CONN 3 POLE
17 / A/C2 PH XCONN 4P	PHOENIX CONN 4 POLE
17 / A/C2 RJ45 DIMCONN	DIM CONN
17 / A/C2 RJ45-LAN	LAN CONN
17 / A/C2 SLEEVE CONN	SLEEVE CONN
17 / A/C2 SPEAKON-CONN	AUDIO XLR CONN

ZONES

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-5E3-000	COVER SHEET
17-CAMPUS-5E3-001	ZONES SJS FACILITY

AUDIO

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-5E3-100	AUDIO CONF RM /BOOTH
17-CAMPUS-5E3-101	AUDIO MTG ROOM 1, SPS
17-CAMPUS-5E3-102	AUDIO MTG ROOM 2

VIDEO

DWG NUMBER	TITLE
17-CAMPUSES-200	AN CONTROL BOOTH
17-CAMPUSES-201	VIDEO CONFERM - DISPLAYS
17-CAMPUSES-202	AN CONFM - LAPTOPS
17-CAMPUSES-203	VIDEO CONFERM - CAMERAS
17-CAMPUSES-204	AN MTG ROOM 1
17-CAMPUSES-205	AN SPFS OFFICE / HOST WALL
17-CAMPUSES-206	AN SPFS CUBICLE A, B, G, H
17-CAMPUSES-207	AN SPFS OFFICE A, B, E, F
17-CAMPUSES-208	AN ZONE 1 CUBICLES
17-CAMPUSES-210	AN ZONE 2 OFFICES
17-CAMPUSES-212	AN ZONE 2 CUBICLE A
17-CAMPUSES-213	AN ZONE 3 CUBICLE A
17-CAMPUSES-214	AN COLLAB AREAS EQT. 5-6
17-CAMPUSES-215	AN ZONE 4 OFFICES
17-CAMPUSES-216	AN ZONE 4 CUBICLE A
17-CAMPUSES-217	AN ZONE 4 OFFICES
17-CAMPUSES-218	AN Z1 COLLAB AREA EQT. 5,7

CONTROL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPU5-5E3-300	CONTROL EQT. 5-6 RACKS 5-6
17-CAMPU5-5E3-301	CONTROL CONF. ROOM, BOOTH
17-CAMPU5-5E3-302	CONTROL MTG1, SPS
17-CAMPU5-5E3-303	CONTROL Z01, Z02, Z03
17-CAMPU5-5E3-304	CONTROL MTG2
17-CAMPU5-5E3-305	CONTROL Z04

ID ROUTER SWITCH

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-5E3-400	EQT_5-6 CONF/RM, BOOTH
17-CAMPUS-5E3-410	EQT_5-6 SPS & MTG1
17-CAMPUS-5E3-420	EQT_5-6 ZONES 1,2,3
17-CAMPUS-5E3-430	EQT_5-6 COLLABORATION AREAS
17-CAMPUS-5E3-450	EQT_5-7 ZONE 4

JULIOXON	D C4I FD
A SINKENNES	LAWNARD
16/MAY/18	NTS
UNCLASSIFIED	B2
17-CAMPUS-5E3-000	

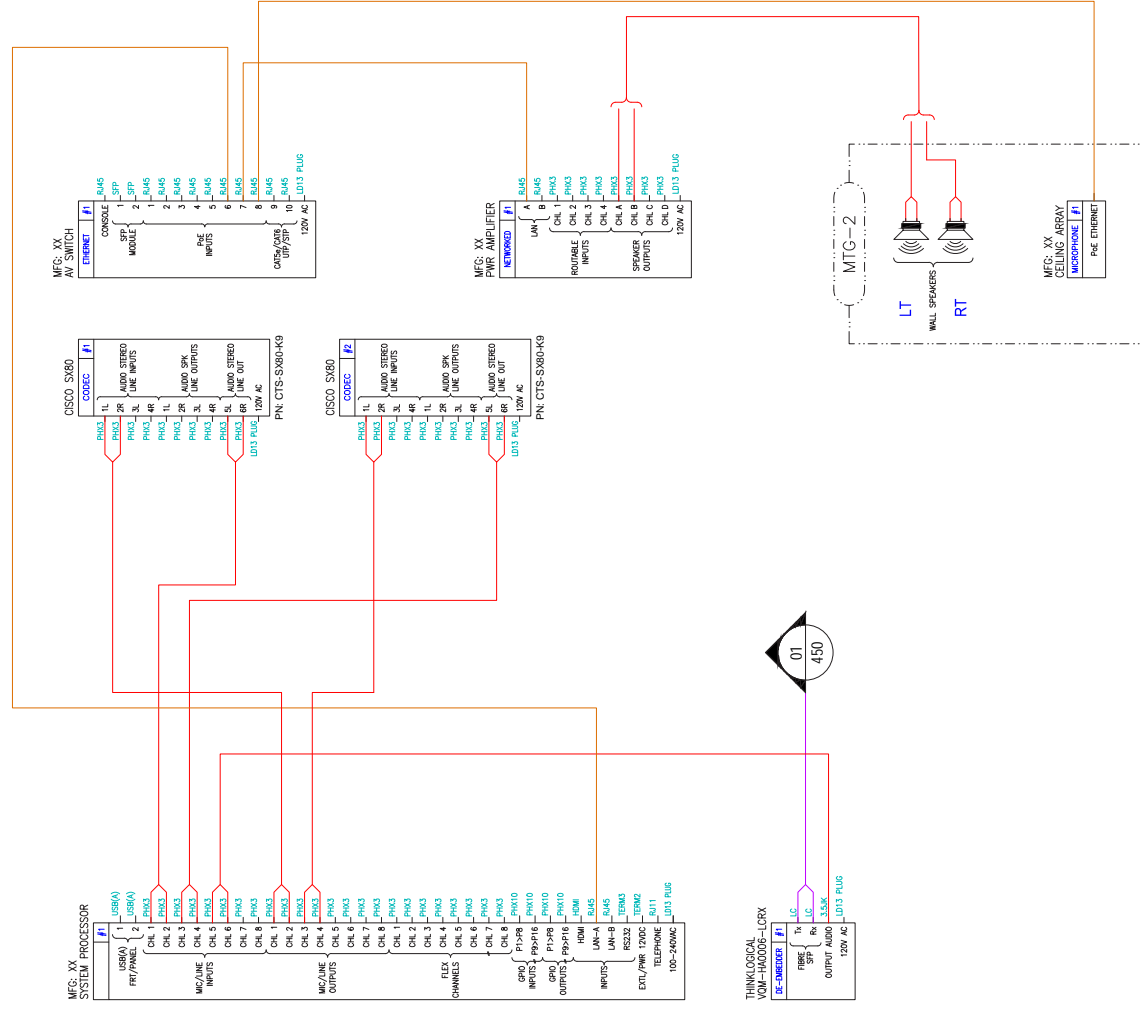
D C41 FD

SJS AREA
FLOOR 3, BUILDING 5
CAMPUS, NCR

COVER SHEET
INTERCONNECTING AND
MISCELLANEOUS DIAGRAMS

JULIOXON	D C4I FD		B2	
A. SINKENNES	LAWYARD			
16/MAY/18	NTS	36374		
UNCLASSIFIED			B2	
17-CAMPUS-5E3-000				





DND - NOTICE

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

DATE	BY	REVISION
08/17/18	AS	REVISION - REVISION

GENERAL NOTES:

- 1 PATCH PANEL BY OTHERS
- 2 DVO DROP, LOCATION DETERMINED ON SITE

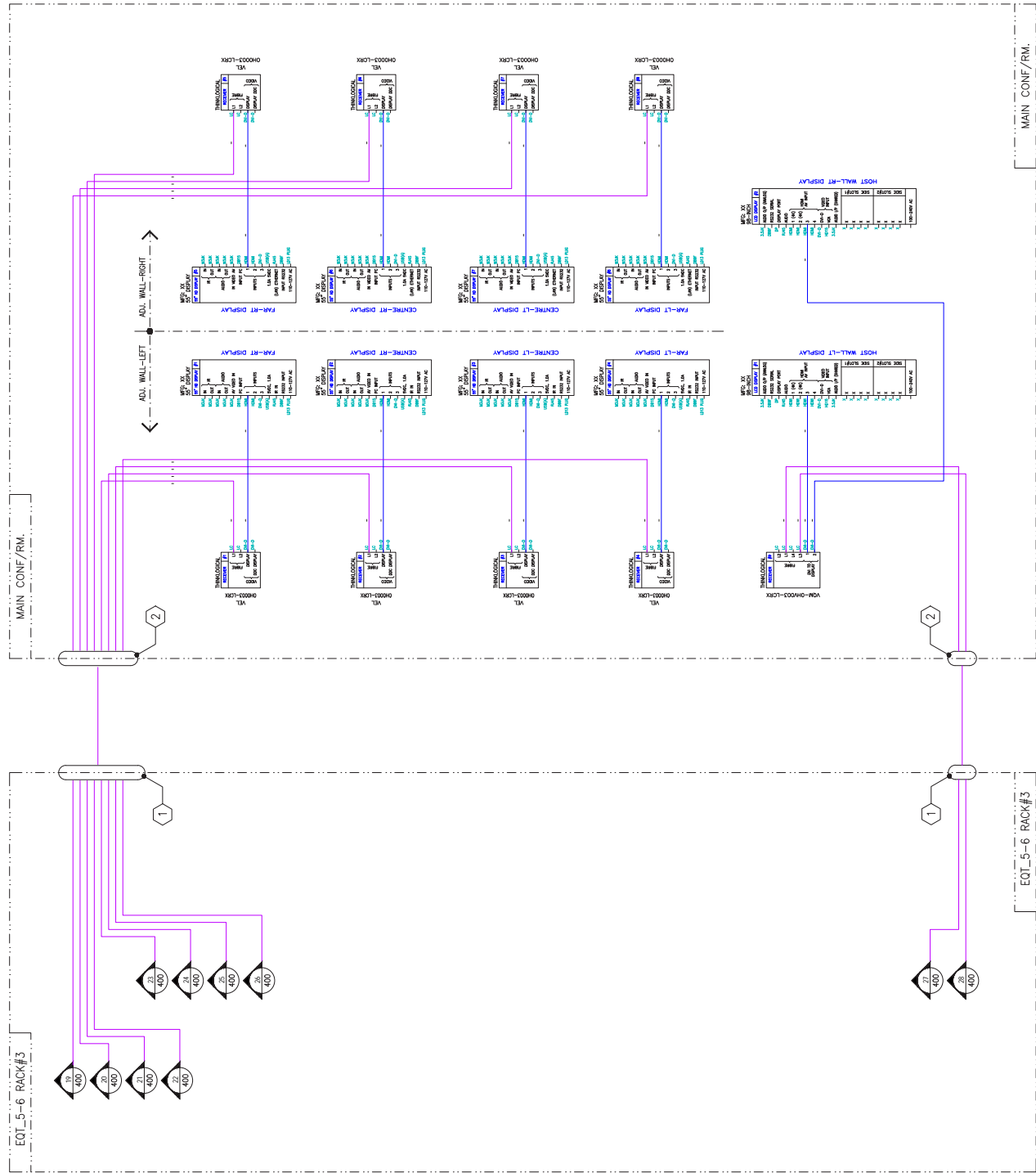
FINAL
16/MAR/2018

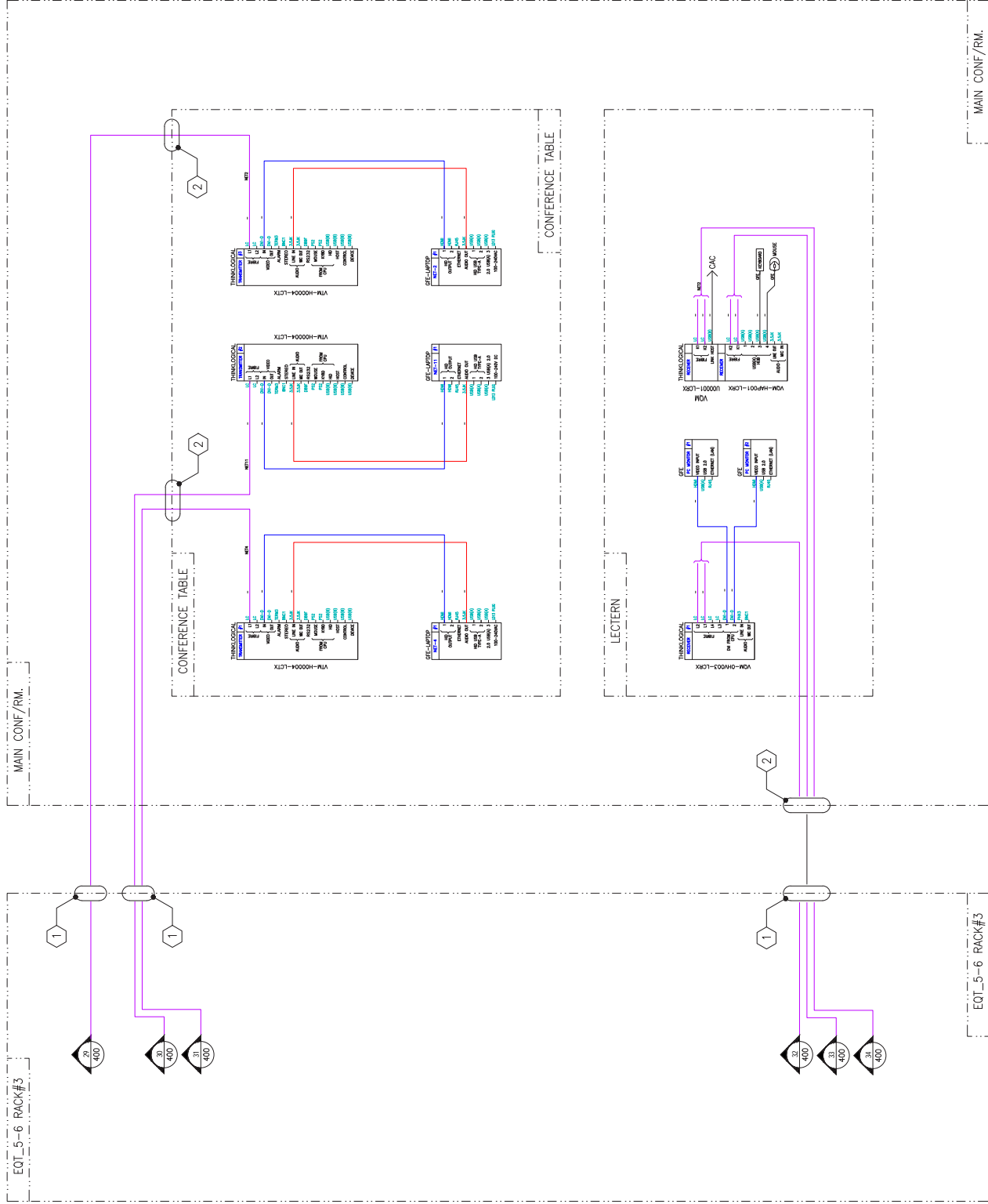
DOCA ED

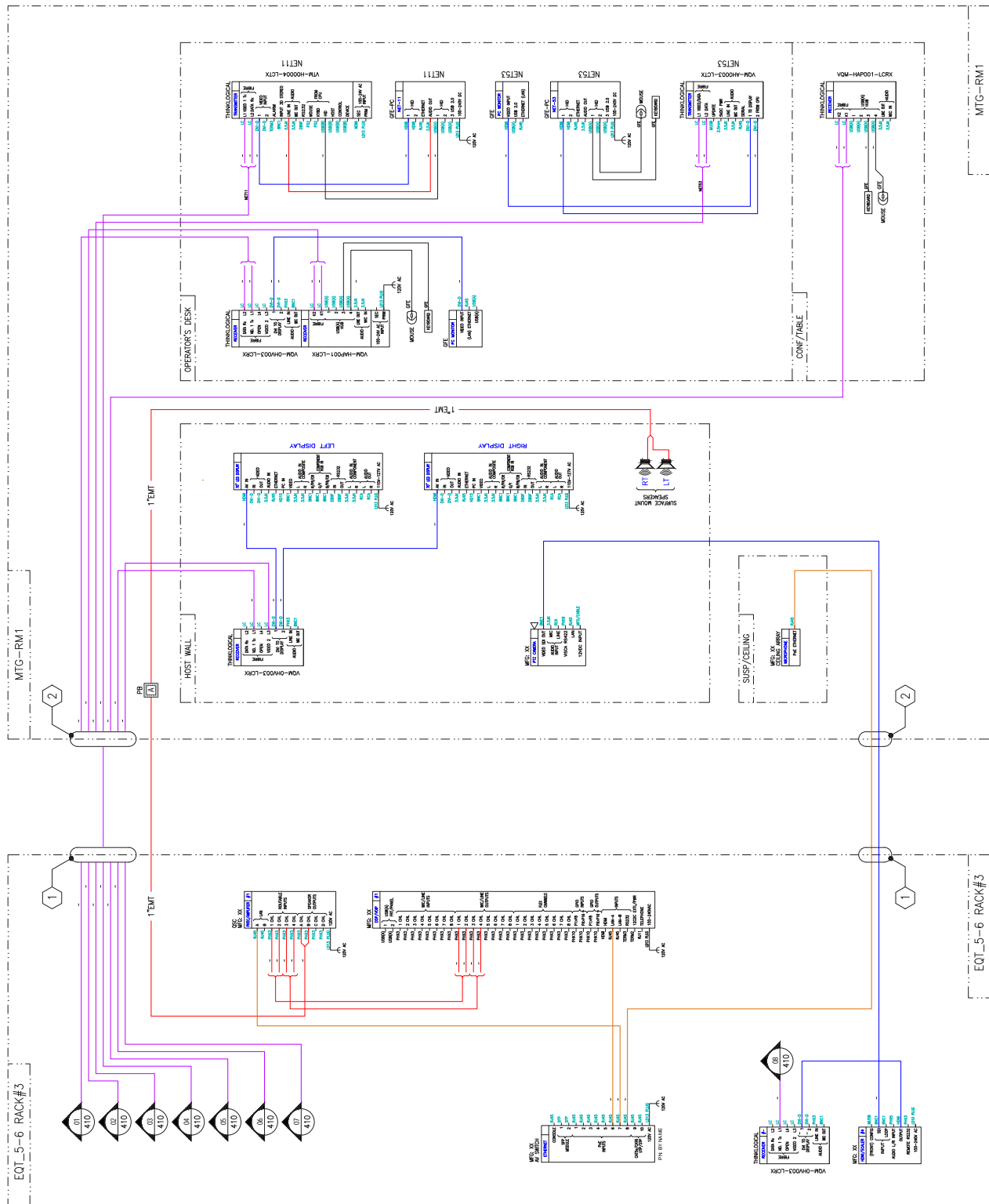
SJS AREA
FLOOR 3, BUILDING 5
CAMBRIIS NCR

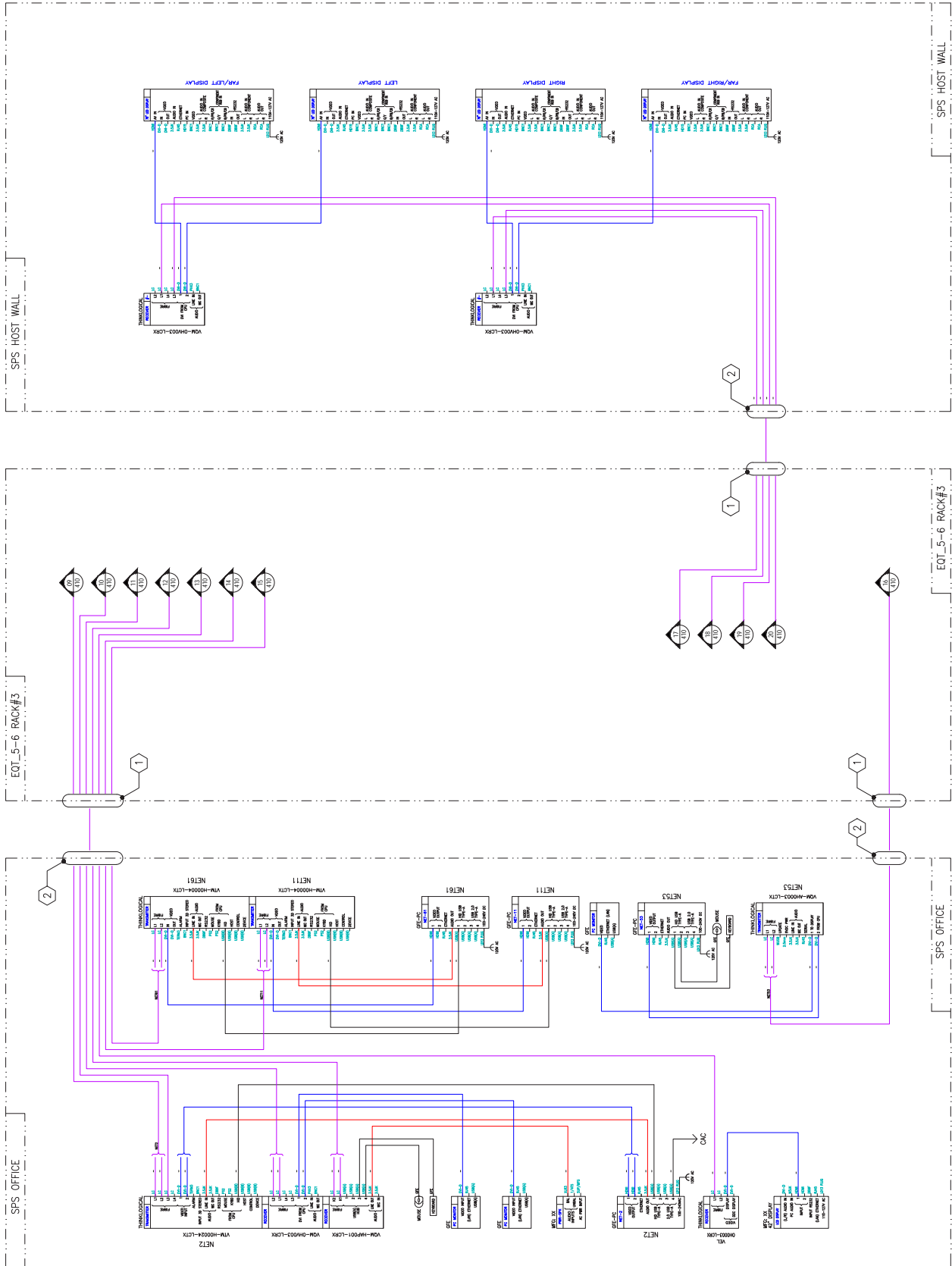
INTERCONNECTING DIAGRAM
AUDIO / VIDEO
CONTROL BOOTH

[illegible]









DND - NOTICE

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

112	DATE	DESCRIPTION	DATE	DOC
01	04/01/18	SOLICITATION W8474-17-CA17	04/01/18	A5

GENERAL NOTES:

- 1 PATCH PANEL BY OTHERS
- 2 DVO DROP, LOCATION DETERMINED ON SITE

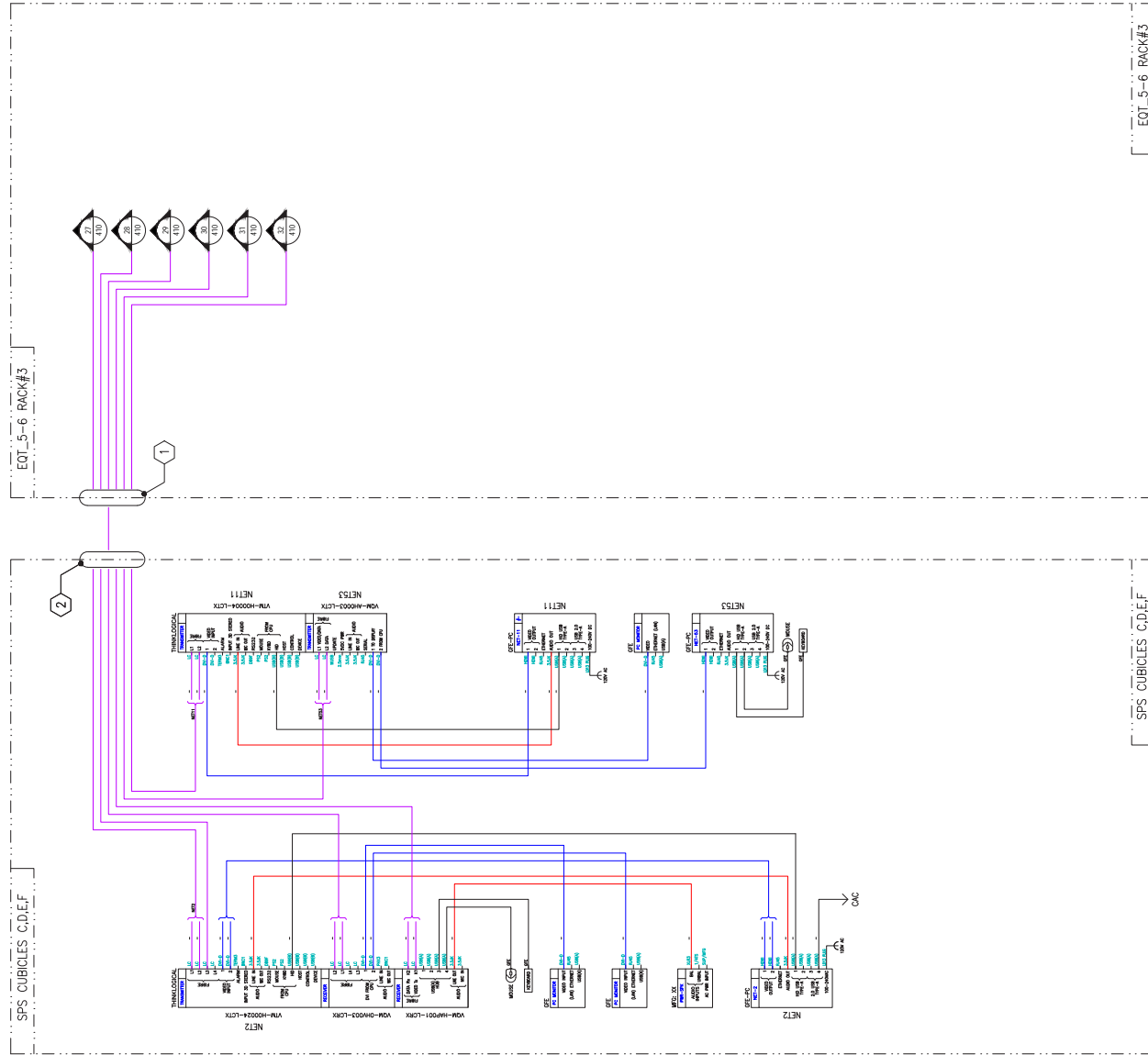
FINAL
19/MAR/2018

DC41FD

SJS AREA
FLOOR 3, BUILDING 5
CAMPUS. NCR

INTERCONNECTING DIAGRAM
AUDIO / VIDEO
SPECIAL PURPOSE SPACE (SPS)
CUBICLES C,D,E,F

APPROVED BY:	J.W. DIXON	DATE:	16/MAR/18	SCALE:	1:1000	NTS	36374
DESIGNER:		APPROVED BY:	A. SINCEENES	DATE:			
PROJECT:	D C41 FD	APPROVED BY:	L. MENARD	DATE:			

[illegible]



 National
Défense
Défense nationale

DND - NOTICE

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JCSCS-SWD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

LINE NO.	DATE	DESCRIPTION	QTY REQD	QTY ISSUED	QTY ON HAND
P1	MAR/18	SOLICITATION #B474-17-CA17			AS

GENERAL NOTES:

- 1 PATCH PANEL BY OTHERS
- 2 DVO DROP, LOCATION DETERMINED ON SITE

FINAL
16/MAR/2018

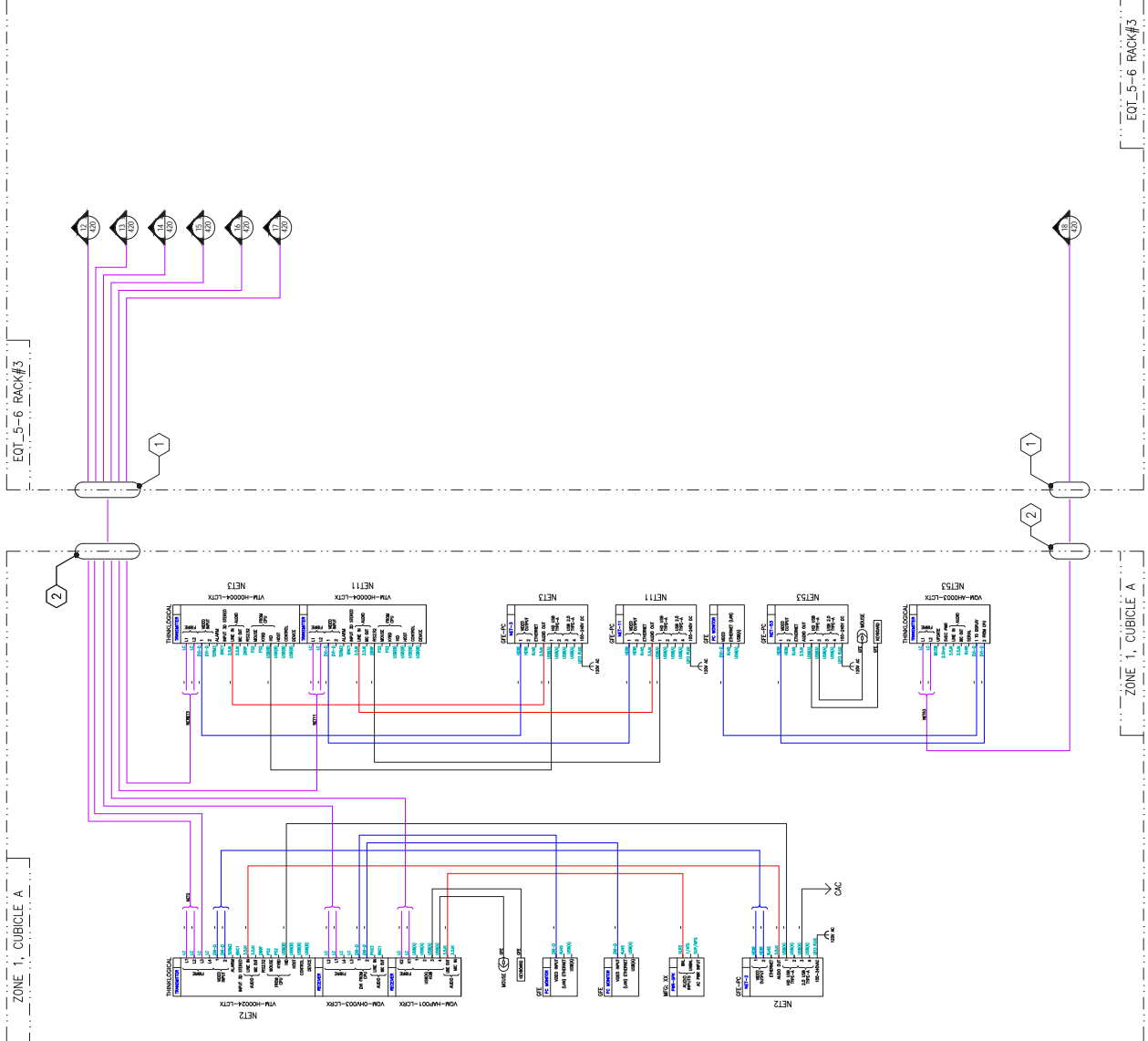
PROCESSED BY
FBI/DOJ
DATE OF RECEPTION
COMMISSION DE L'ENQ

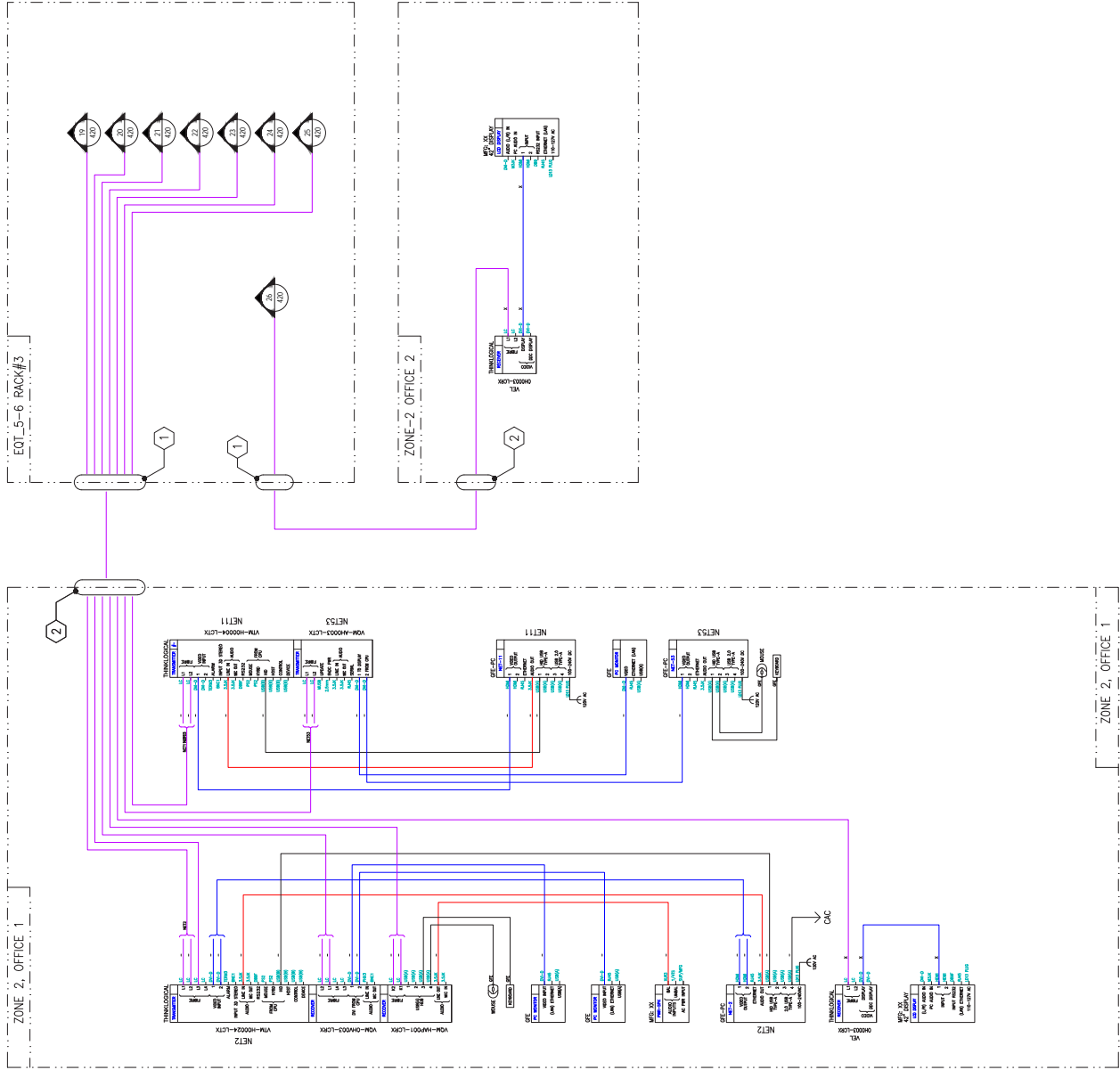
SJS AREA
FLOOR 3, BUILDING 5
CAMPUS, NCR

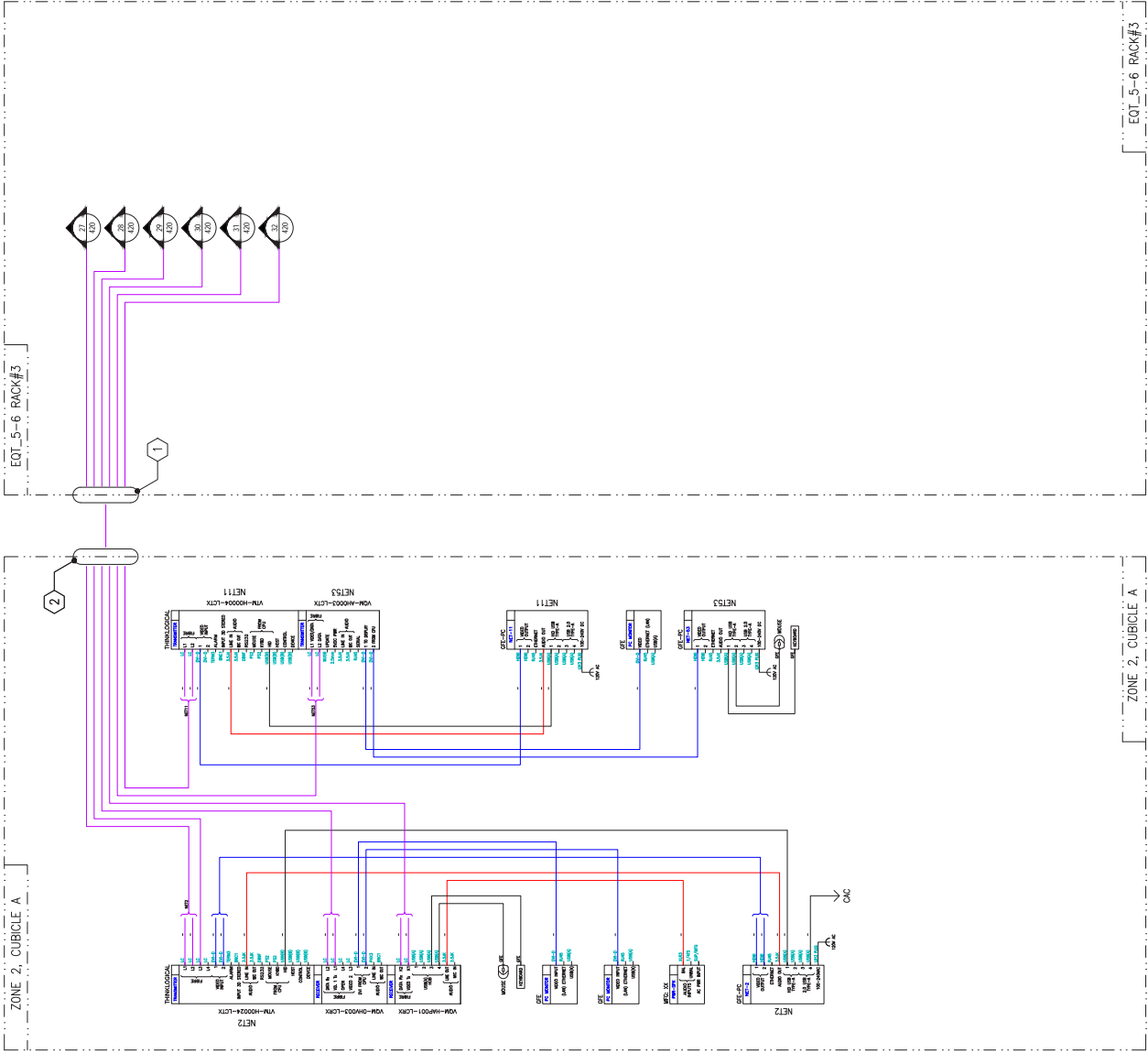
SUBJECT:
**INTERCONNECTING DIAGRAM
AUDIO / VIDEO
ZONE 1, OFFICES**

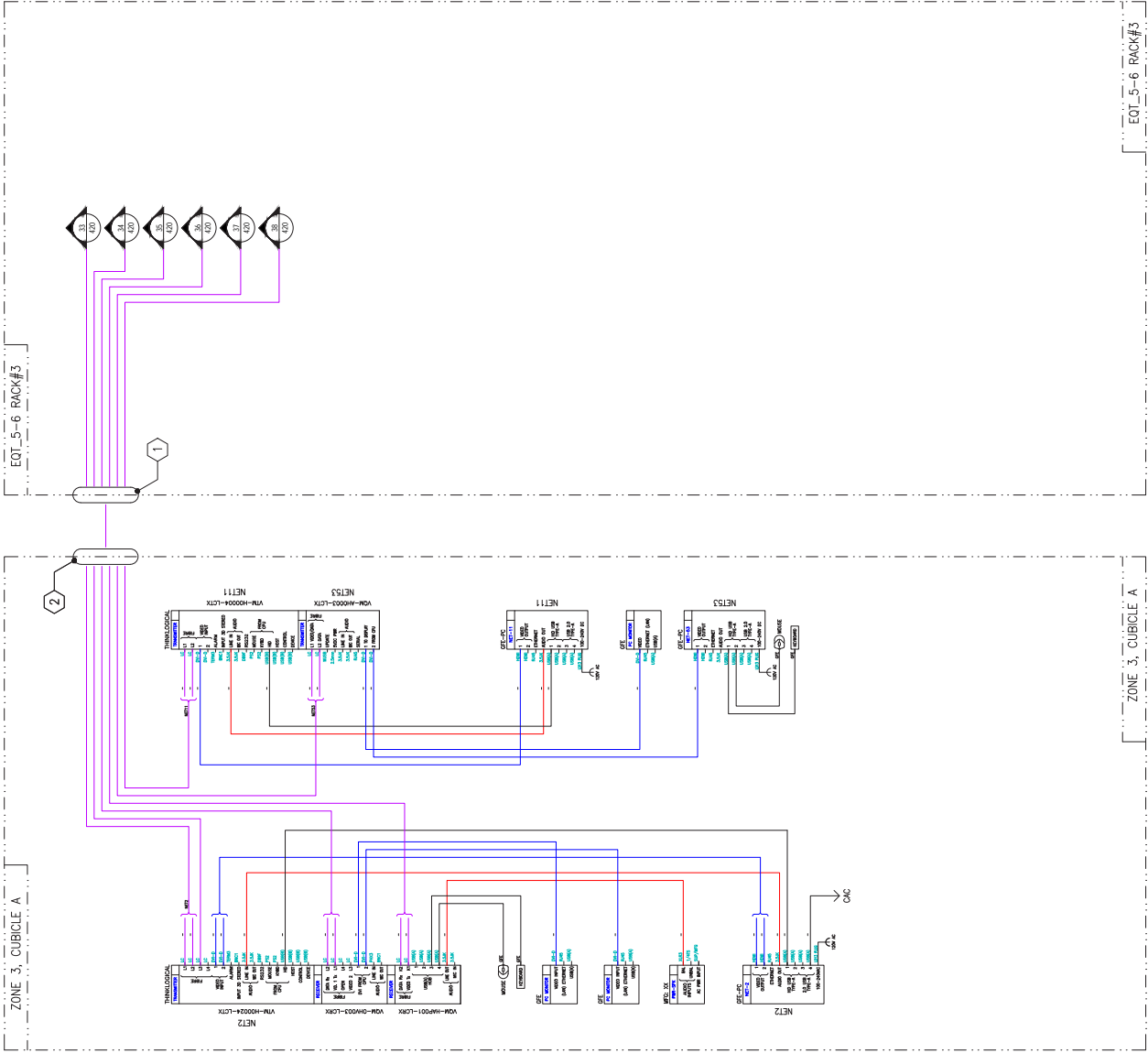
STATION ID 2005	JW.DIXON	UNIT D C41 FD
ORDERED BY SCOTT JAE	A. SINCENNES	APPROVED BY L. MENARD
DATE 16/MAR/18	SOLICITANT NTS	NOON 36374

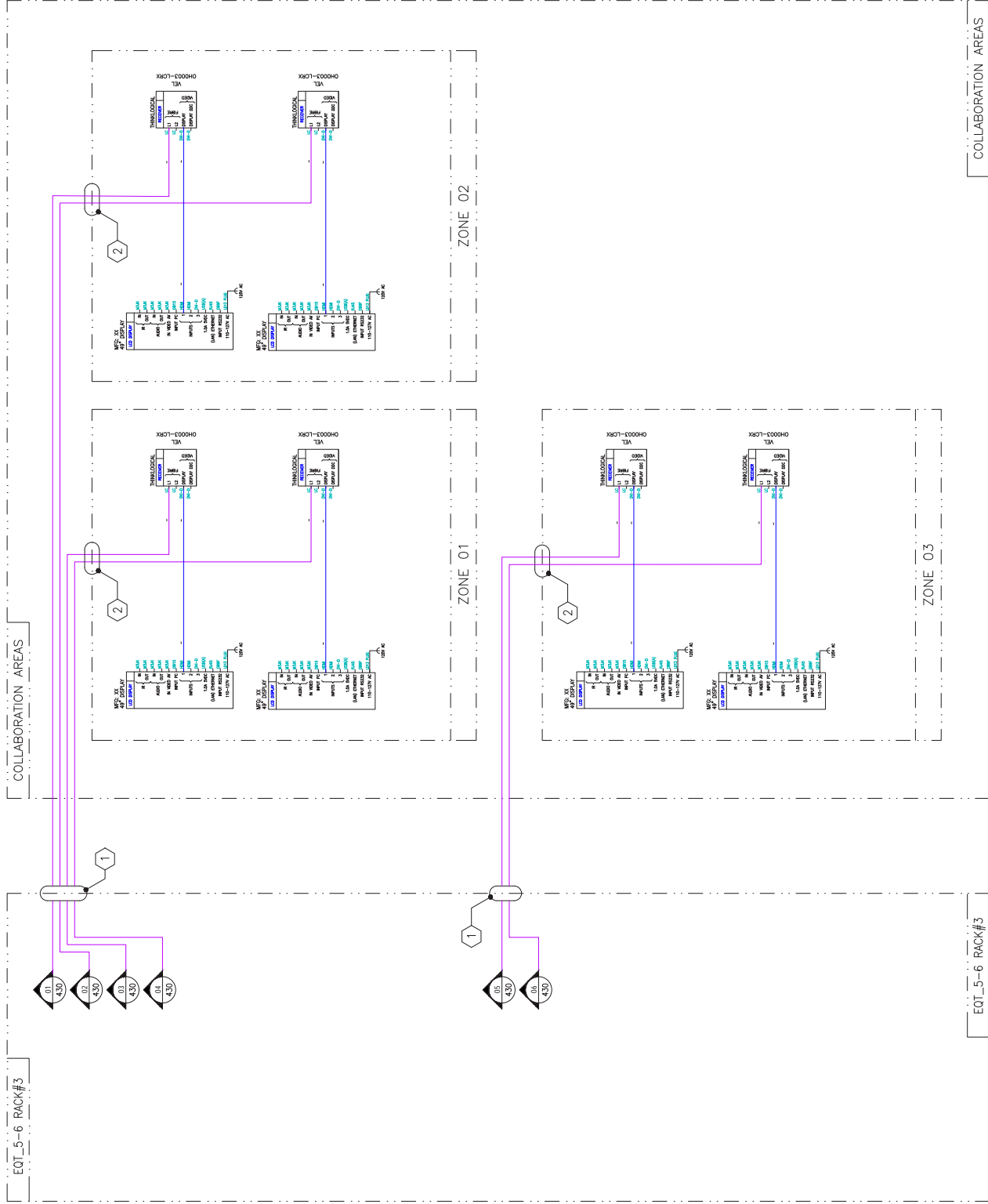
NO. OF REQUESTS IN PROCESS	X
SPECTRUM FREQ 1	OF CLASSIFICATION
	B2
UNCLASSIFIED	
17-CAMPUS-5E3-208	
DO NOT WRITE ON THIS CARD	

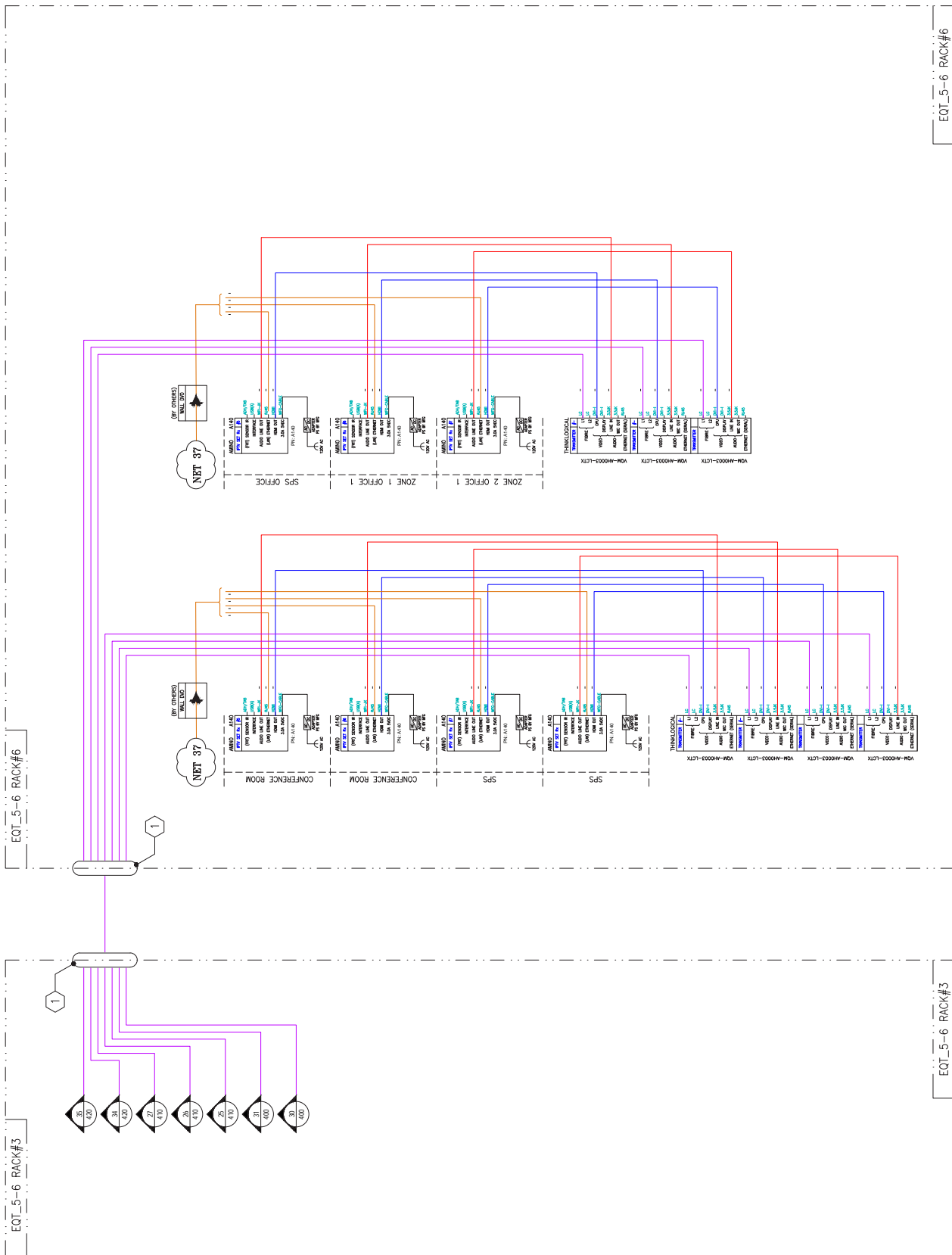












REVISION - REVISION

DATE 10/17/17	NAME	NONRESOLUTORY / RESOLUTORY	COMMENTS
P1	OCT/17	SOLICITATION WB474-17-GA17	JRE

VIDEO

DAVID M. HARRIS
TITILE DESIGNATION

VIDEO

[illegible]

GENERAL NOTES:

1 PATCH PANEL BY OTHERS

PROPOSAL
15/JAN/2018

LEGEND	DESCRIPTION	CABLE NUMBER
	CONTROL CABLES	C200 SERIES
	AUDIO CABLES	A400 SERIES
	OVERFLOW (ANY SERIES)	— ANY SERIES
	MULTI-PURPOSE CABLES	M500 SERIES
	VIDEO CABLES (DIGITAL)	V700 SERIES
	NETWORK CABLES	N700 SERIES
	FIBRE CABLES	F800 SERIES
	PWR./SUP. CABLES	P900 SERIES
	FUTURE EQUIPMENT	TO SUIT APPLICATION
	BOUNDARY	NIL
	AV EQUIPMENT	NIL

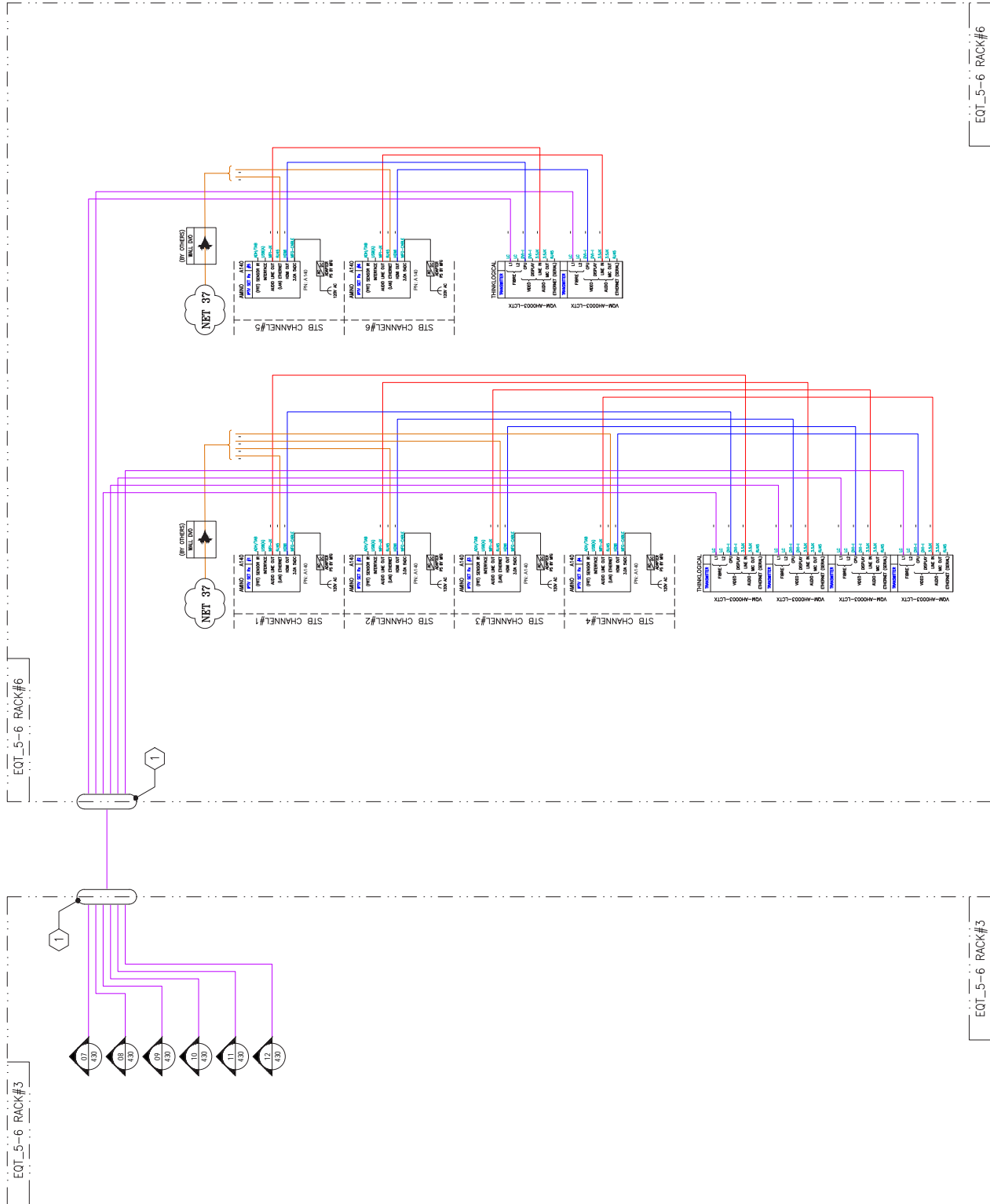
DOCUMENT D'IDENTIFICATION

SJS AREA
FLOOR 3, BUILDING 5
ARLING CAMPUS, NCR

INTERCONNECTING DIAGRAM
AUDIO VIDEO
IPTV DEDICATED CHANNELS

NAME	J.W. DIXON	TC1	APP	D	C41	FD
DOB						
APPROVED BY	A. SINCEENES		APPROVED BY			
APPROVED DATE			APPROVED DATE			
DATE	31/OCT/17	SCALE	NTS		100%	36374
		EXCELLE			COMP	

CLASSIFICATION	UNCLASSIFIED	DATE 3/2/2008	BY 60322
17-CAMPUS-5E3-215			

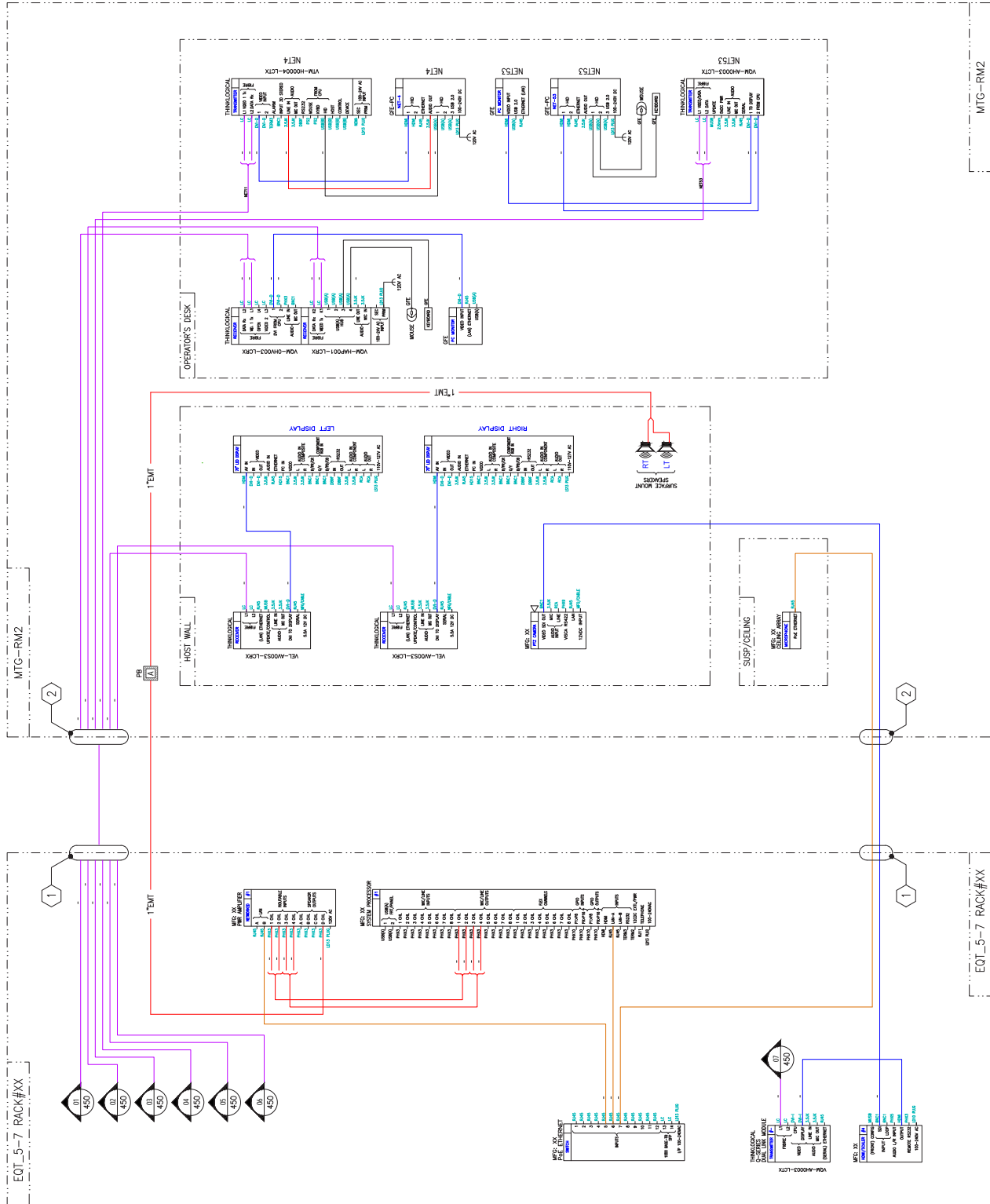


17-CAMPUS-SE-AV-216

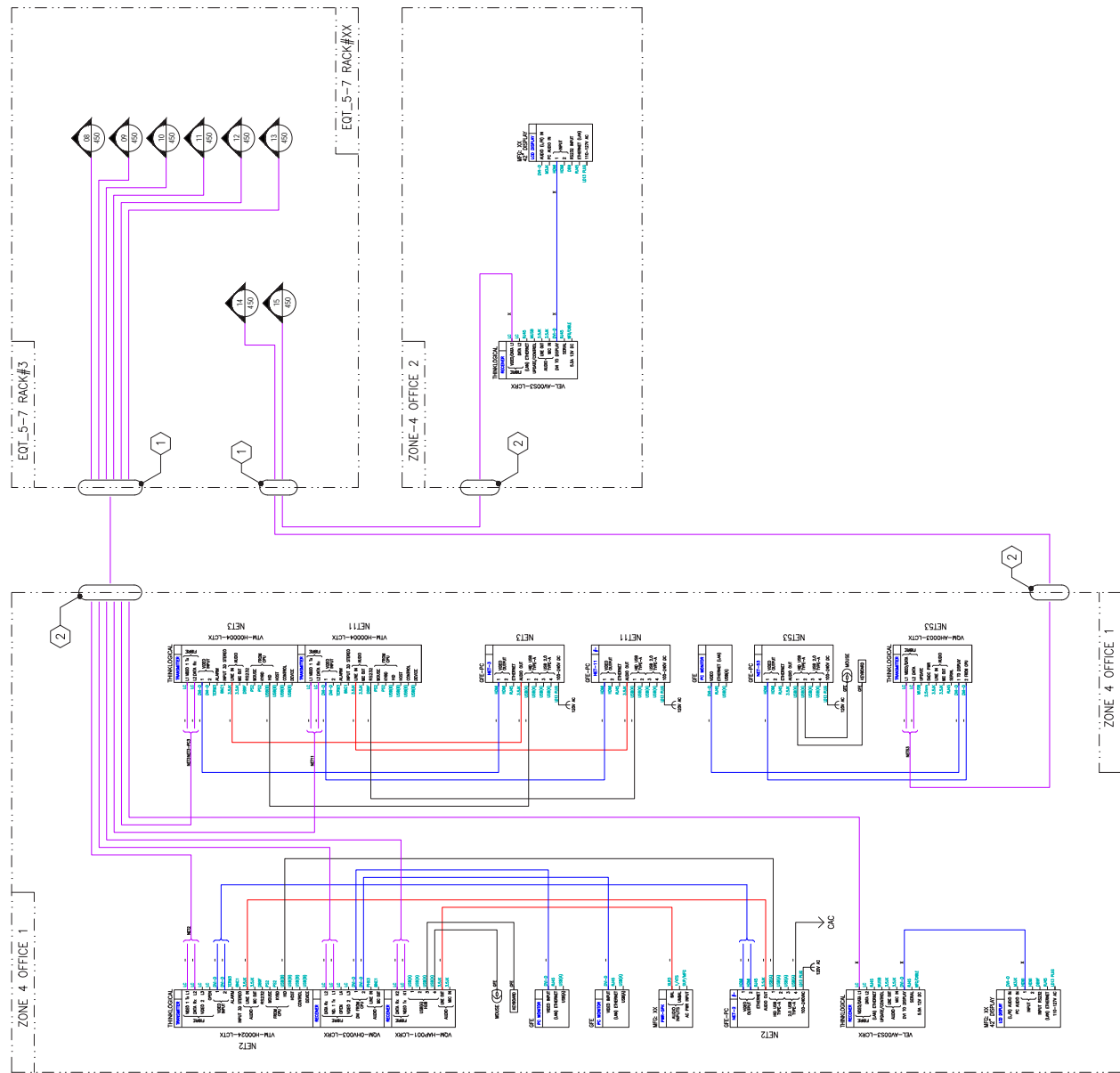
17-CAMPUS-SE-AV-216

17-CAMPUS-SE-AV-216

17-CAMPUS-SE-AV-216



PROPOSAL
15 JAN 2018



[illegible]

REVISION - REVISION

[medRxiv preprint doi: <https://doi.org/10.1101/2020.05.14.20100000>; this version posted May 14, 2020. The copyright holder for this preprint \(which was not certified by peer review\) is the author/funder, who has granted medRxiv a license to display the preprint in perpetuity. It is made available under a CC-BY 4.0 International license.](#)

1000

VIDEO

GENERAL NOTES:

- PROPOSAL
15/JAN/2018

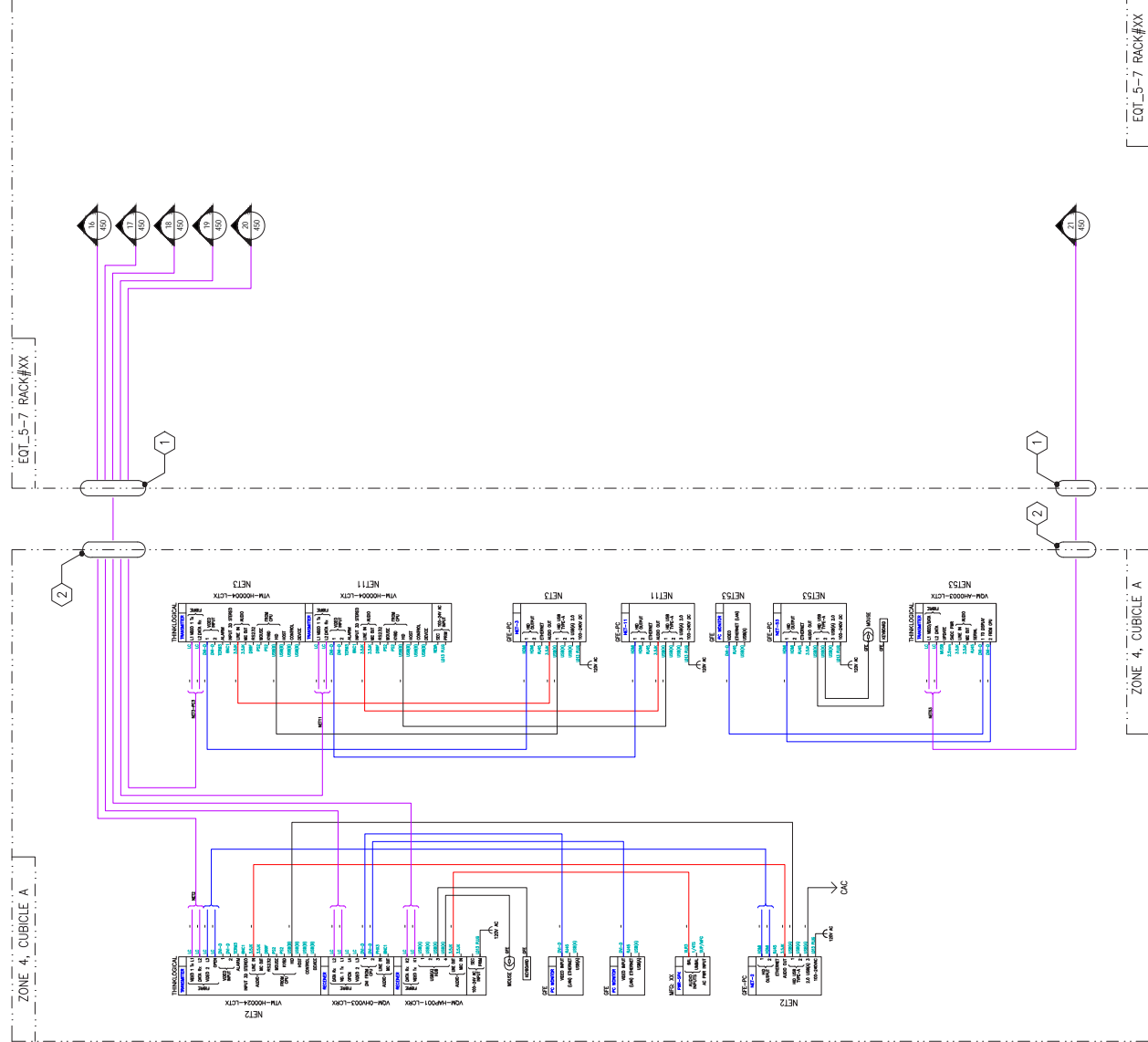
CONGRATULATIONS!
CONGRATULATIONS!

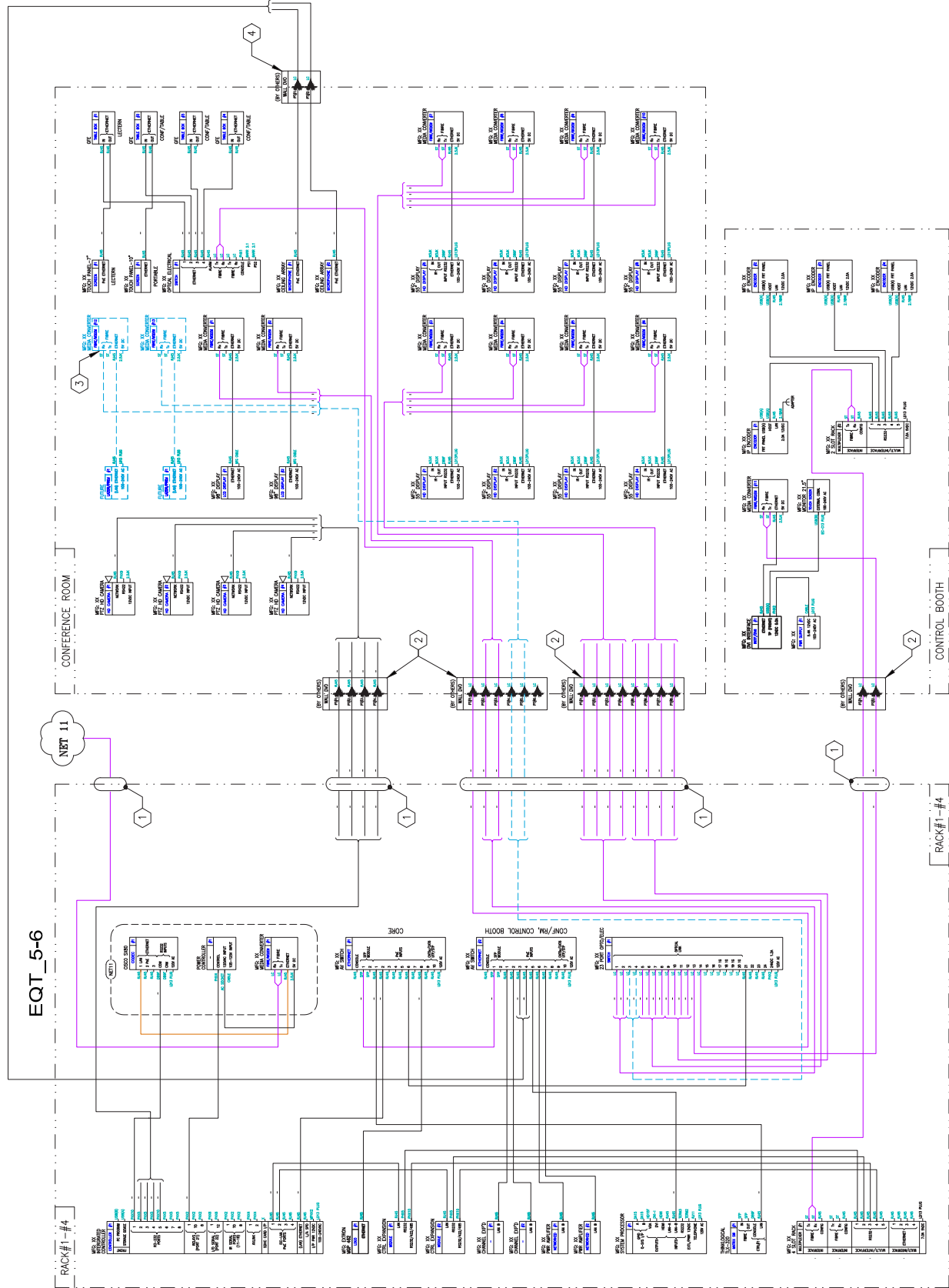
SJS AREA
FLOOR 3, BUILD
CAMPUS, NC

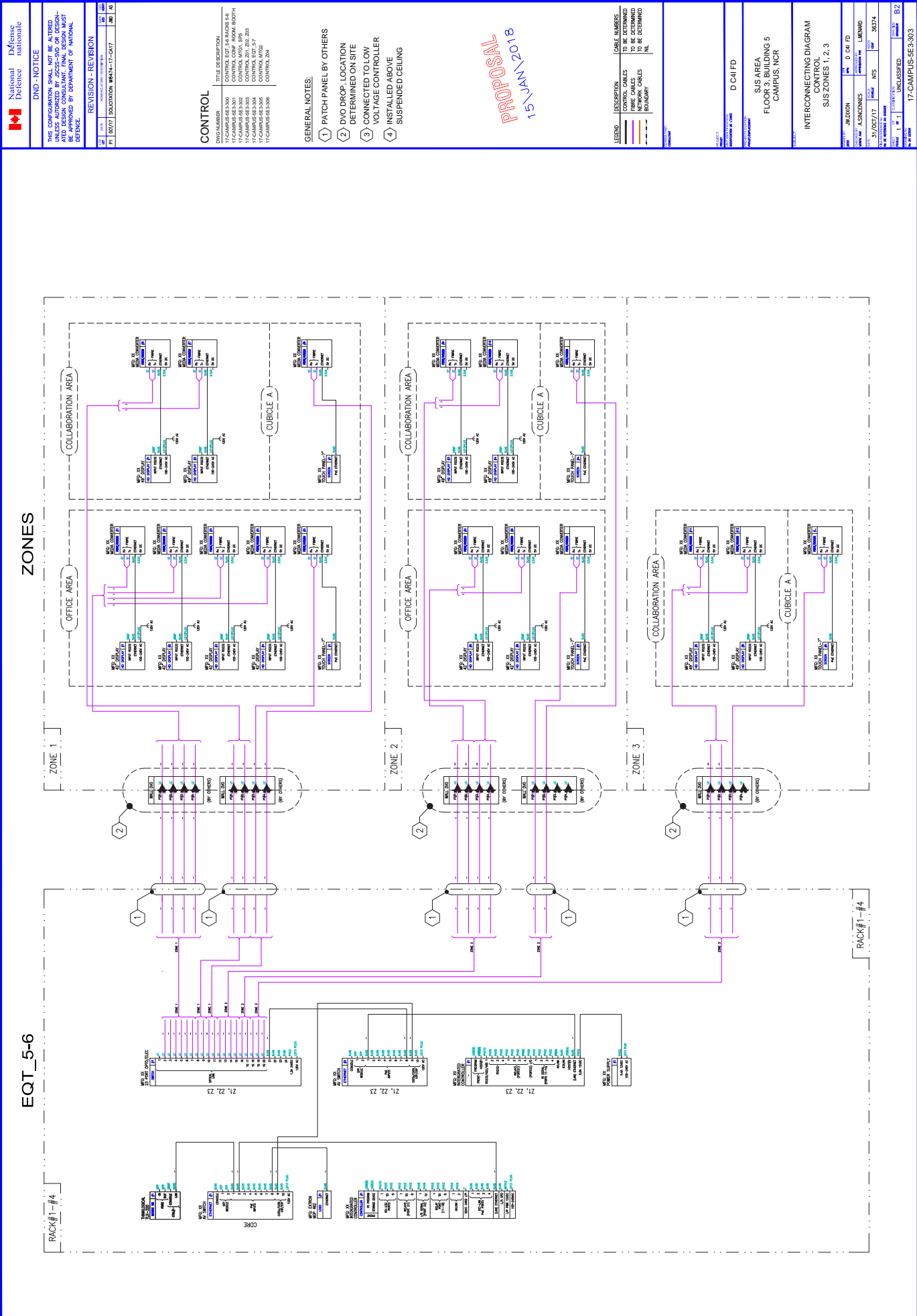
OWNER:	CE	0.41	0.41	0.41
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X

17-CAMPUS-5E3-218







ID ROUTER SWITCH

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-6E3-400	EQT_5-6 CONF/INTM. BOOTH
17-CAMPUS-6E3-410	EQT_5-6 SP8 & MT01
17-CAMPUS-6E3-420	EQT_5-6 ZONES 1,2,3
17-CAMPUS-6E3-430	EQT_5-6 COLLABORATION AREAS
17-CAMPUS-6E3-450	EQT_5-7 OFFICES & CIRCLE

GENERAL NOTES:

- 1 PATCH PANEL BY OTHERS
- 2 SEPARATE DVO DROPS PER RECEIVER / TRANSMITTER INSTALLED BY OTHERS.

PROPOSAL
15/JAN/2018

LEGEND	DESCRIPTION	CABLE NUMBERS
	FIBRE CABLES	F800 SERIES
	AV EQUIPMENT	TO SUIT APPLICATION
	BOUNDARY	NIL

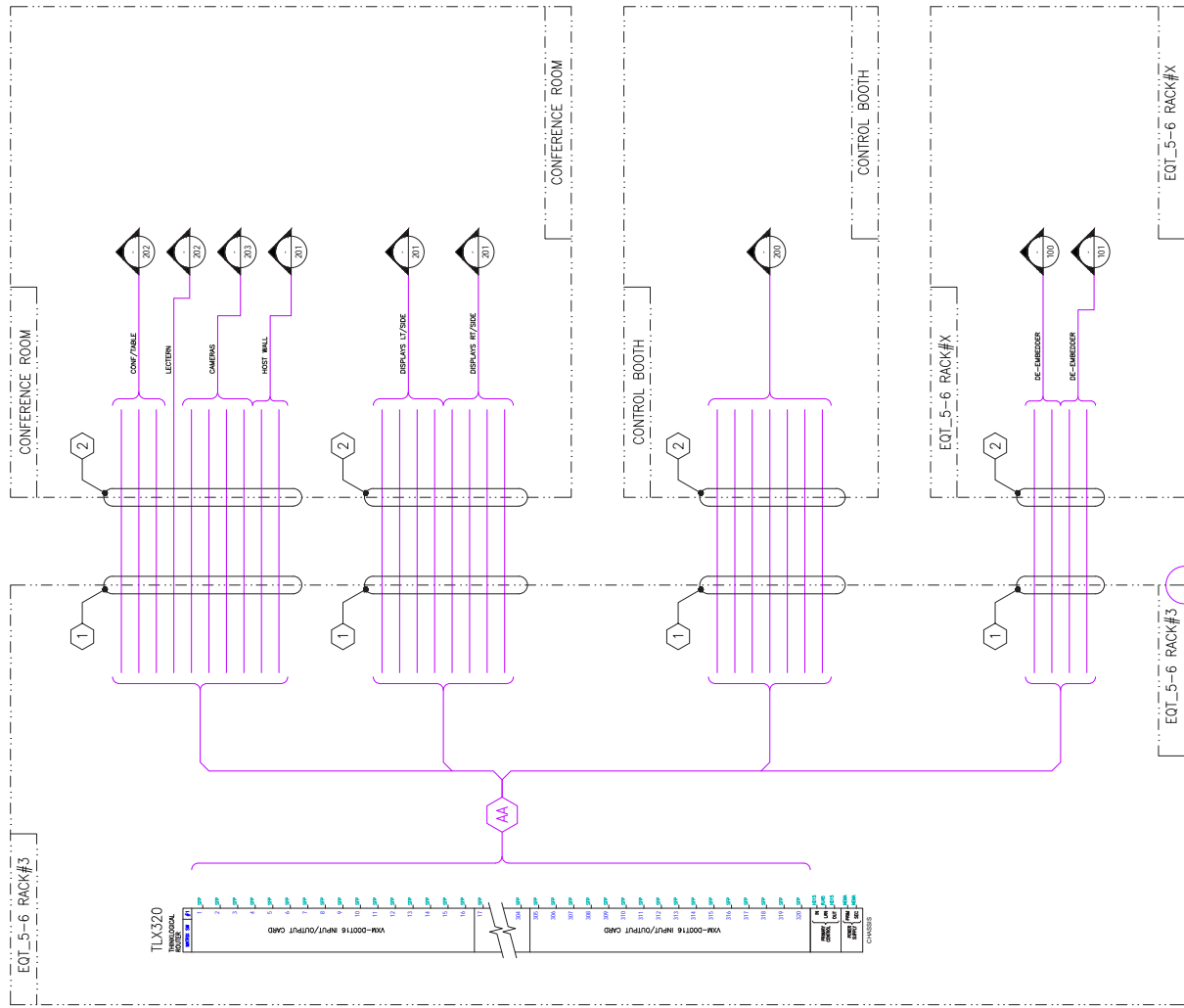
DOCAILED

SJS AREA
FLOOR 3, BUILDING 5
CAMPUS. NCR

INTERCONNECTING DIAGRAM
THINKLOGICAL MATRIX SWITCH
CONFERENCE ROOM
AND CONTROL BOOTH

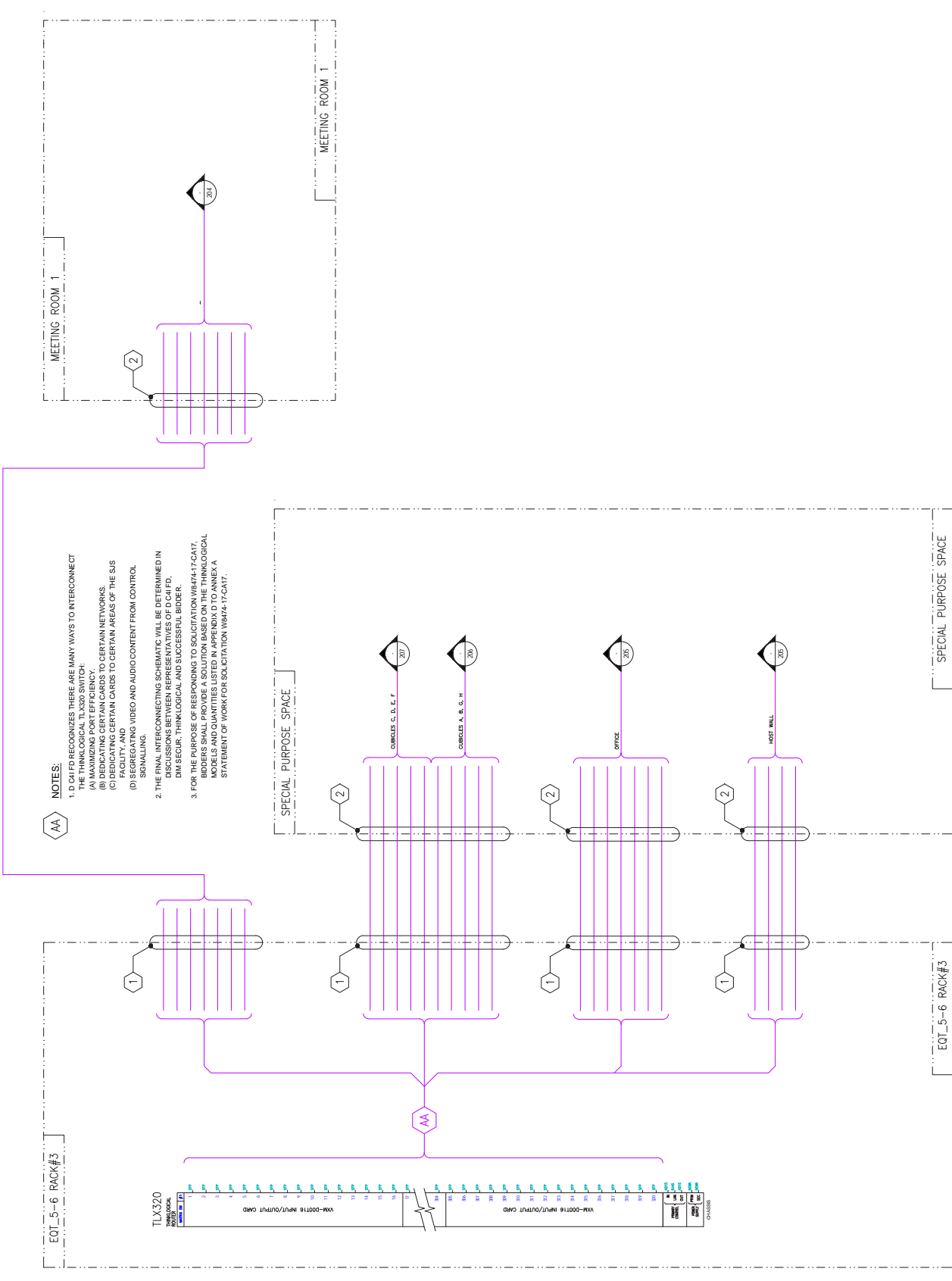
NAME	J.W. DIXON	UNIT	D C-41 FD
DATE	31/OCT/17	SCALE	36374
NAME	A. SINCENNES	UNIT	L MENARD
DATE	31/OCT/17	SCALE	36374

REF/RFS		B2
CLASSIFICATION	UNCLASSIFIED	DATE DE DECLASSIFICATION
17-CAMPUS-552400		




NOTES:

1. D-CAI FD RECOGNIZES THERE ARE MANY WAYS TO INTERCONNECT THE PHYSICAL LAYER.
2. THE PHYSICAL LAYER SWITCH:
 - (A) MAXIMIZING PORT EFFICIENCY.
 - (B) DEDICATING CERTAIN CARDS TO CERTAIN NETWORKS.
 - (C) DEDICATING CERTAIN CARDS TO CERTAIN AREAS OF THE SITE FACILITY AND SECURITY.
 - (D) MIXING VIDEO AND AUDIO CONTENT FROM CONTROL SIGNALING.
3. THE FINAL INTERCONNECTING SCHEMATIC WILL BE DETERMINED IN THE NEXT STEP, WHICH IS THE D-CAI PD, OR DATA PROTECTION, DISK SECURE, PHYSICAL AND SUCCESSFUL BORDER.
4. FOR THE PURPOSE OF RESPONDING TO SOLICITATION 198474-17-0247, MODELS AND QUANTITIES LISTED IN APPENDIX D TO A TASK A STATEMENT OF WORK FOR SOLICITATION 19A-17-0167.

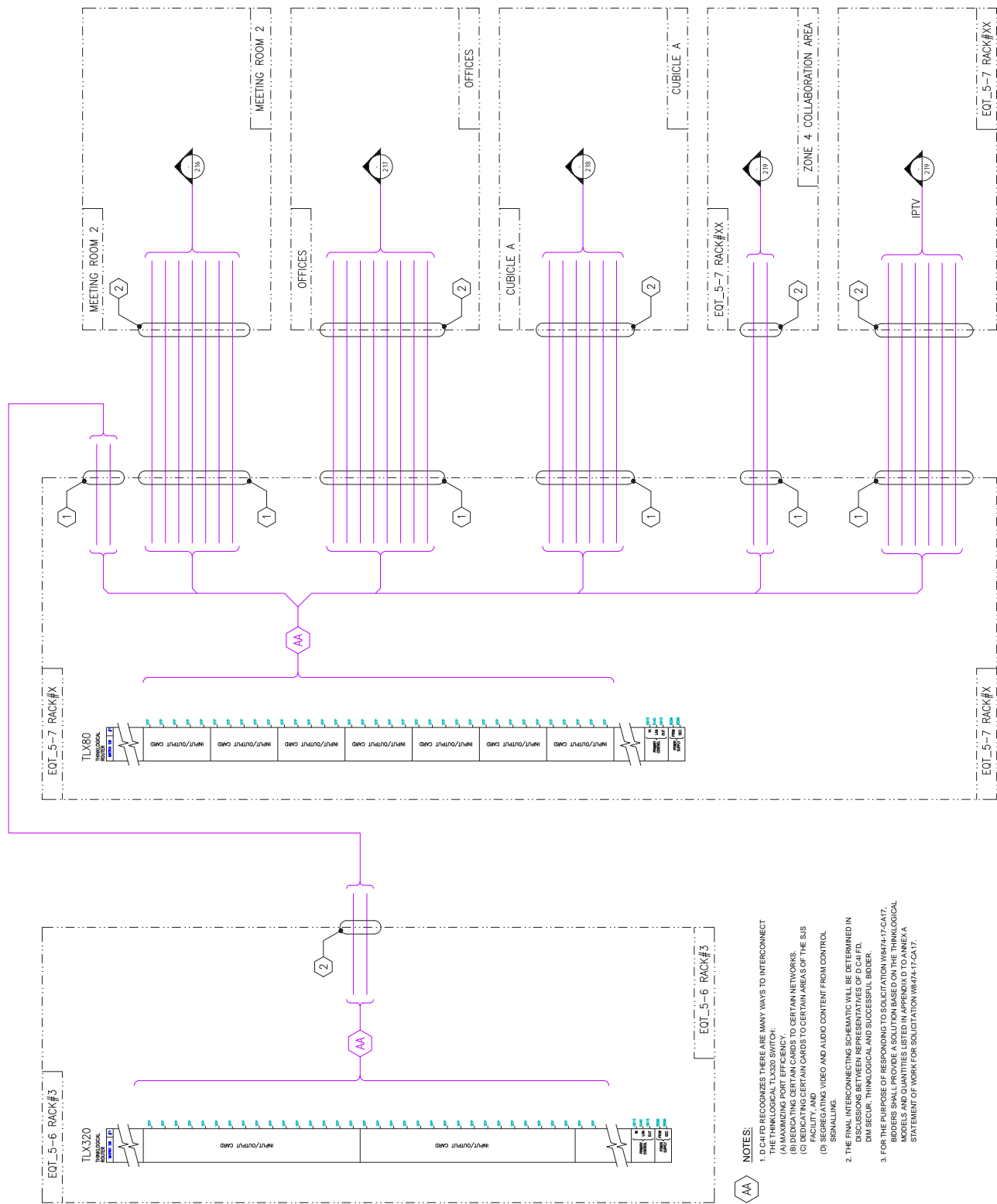


PROPOSAL
31/OCT/2017

LEGEND	DESCRIPTION	CABLE NUMBERS
	FIBRE CABLES	F800 SERIES
	AV EQUIPMENT	TO SUIT APPLICATION
	BOUNDARY	NIL

ISSUED BY: JIM DIXON	UNIT D C41 FD
ISSUED BY: A. SINCENNES	APPROVED BY: L. MURARD
DATE: 31/OCT/17	DATE: NTS
SERIAL 36374	NTS 36374

QUEST OF CLASSIFICATION UNCLASSIFIED
 17-CAMPUS-5E3-410
 B2



AA

1. DICI FD1 RECOGNIZES THERE ARE MANY WAYS TO INTERCONNECT THE THINGLOCAL TOLOCAL SWITCH.
2. (A) MAXIMIZING CERTAIN CARDS TO CERTAIN NETWORKS.
(B) INDICATING CERTAIN CARDS TO CERTAIN AREAS OF THE SIS
(C) SEGREGATING VIDEO AND AUDIO CONTENT FROM CONTROL SIGNALING.
3. THE FINAL INTERCONNECT SCHEMATIC WILL BE DETERMINED IN DISCUSSIONS BETWEEN REPRESENTATIVES OF DICI, FDI, DMI, SECUR, THINGLOCAL, AND SUCCESSFUL BIDDER.
4. FOR THE PURPOSE OF RESPONDING TO SOLICITATION W8474-17-CA-0001, BIDDERS SHALL PROVIDE A SOLUTION BASED ON THE THINGLOCAL MODELS AND QUANTITIES LISTED IN APPENDIX D TO ANEXIA A STATEMENT OF WORK FOR SOLICITATION W8474-17-CA-0001.

OF 1	CLASSIFICATION	UNCLASSIFIED	DATE 12-22-2010 BY 60322
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17-CAMPUS-5E3-450

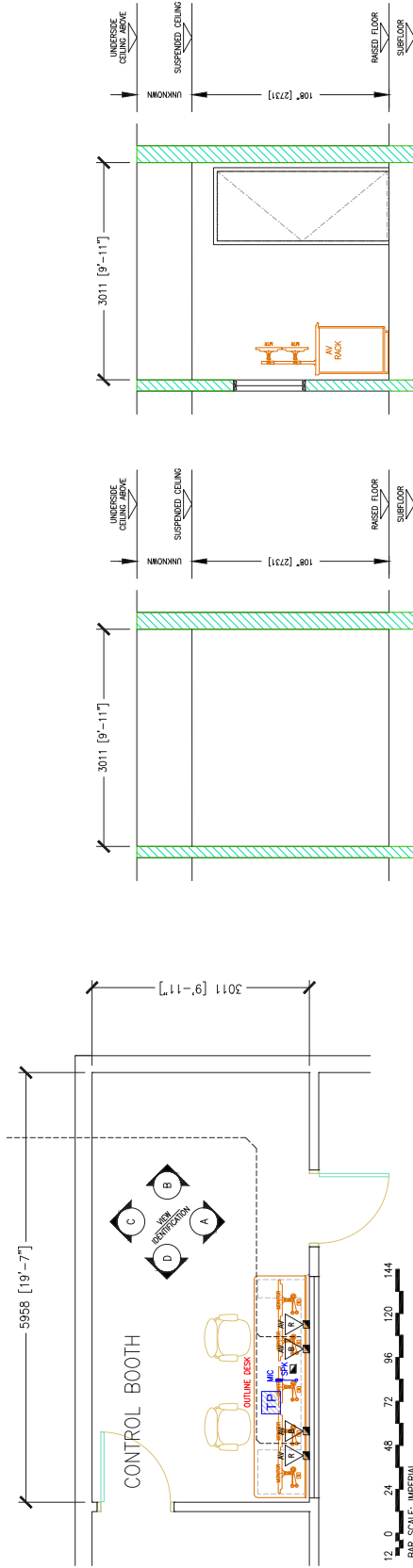
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REVISION - REVISION				
DATE	BY	DESCRIPTION	DATE	BY
08/17/17	P1	SOLICITATION W8474-17-CA17	08/17/17	J80

ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-9E3-400	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-9E3-401	CONFIRM - PLAN VIEW
17-CAMPUS-9E3-402	CONFIRM - ELEV.
17-CAMPUS-9E3-403	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUS-9E3-404	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-9E3-405	MTG ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUS-9E3-406	MTG ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUS-9E3-407	TYPE OFFICE & COLLABORATION - ELEV.

PROPOSAL
31/07/2017



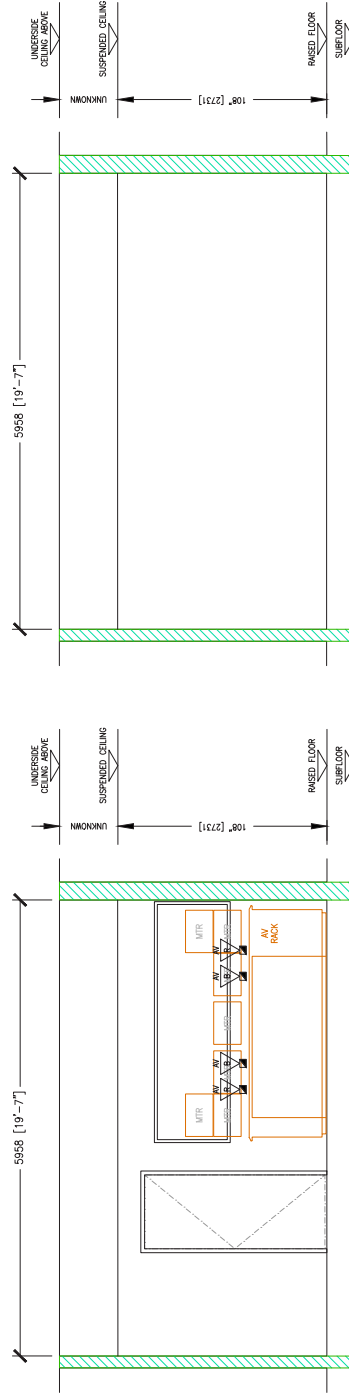
FLOOR PLAN
CONTROL BOOTH



ELEVATION REAR WALL
CONTROL BOOTH



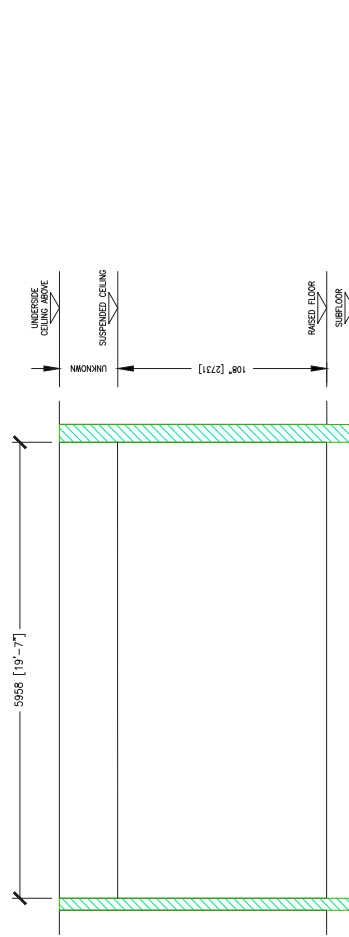
ELEVATION REAR WALL
CONTROL BOOTH



ELEVATION XXX WALL
CONTROL BOOTH



ELEVATION XXX WALL
CONTROL BOOTH



ELEVATION REAR WALL
CONTROL BOOTH

①
②
③
④
⑤

SJS AREA
CONTROL BOOT
BUILDING 5, FLOOR
CAMBUS NCR

PLAN VIEW & ELEVATIONS
AV DVO

NAME	JIM DIXON	UNIT	D C41 FD
DOB		ASSIGNED TO	LMENARD
ISSUE NO	A.SINCKENNES	APPROVED BY	
DATE	31/0CT/17	DATE	36374
STATUS	NTS	STATUS	
CLASSIFICATION	UNCLASSIFIED	CLASSIFICATION	B2
REMARKS	17-CAMPUS-5E3-500		

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VISION - REVISION

USE BY	DATE	NO./SOLUTION / CEMENT/PA	DATE DC	QID WSP
P1	AUG/17	SOLICITATION WB474--17--CA17	JMD	AS

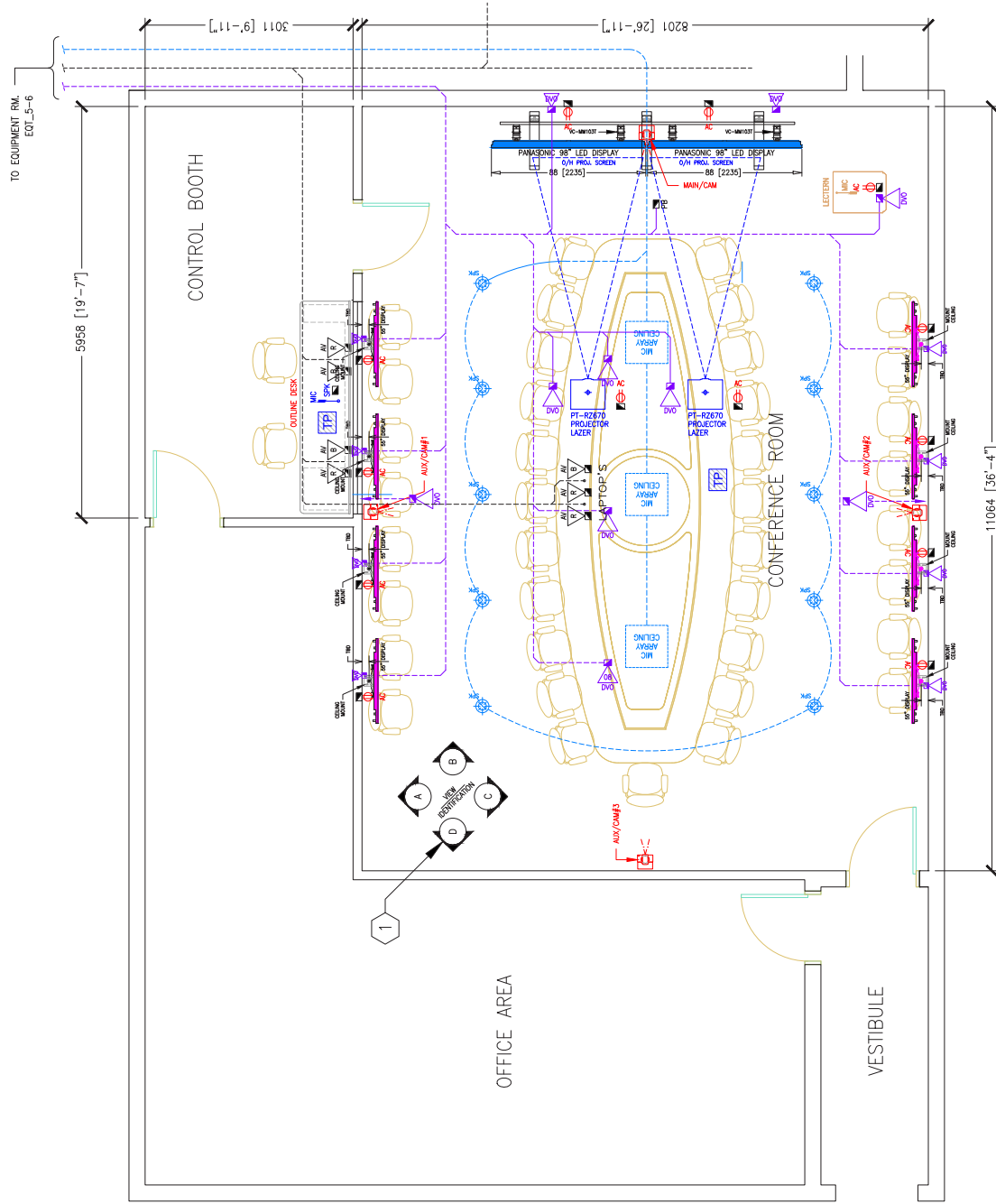
ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-SED-500	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-SED-501	CONFIRM - PLAN VIEW
17-CAMPUS-SED-502	CONFIRM - ELEV.
17-CAMPUS-SED-503	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUS-SED-504	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-SED-505	MTG ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUS-SED-506	MTG ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUS-SED-507	TYT. OFFICE & COLLABORATION - ELEV.

NOTE:

1 FOR ELEVATIONS REFER TO
DWG. 17-CAMPUS-5E3-502

PROPOSAL
31/OCT/2017



BAR SCALE: IMPERIAL

PLAN VIEW
CONFERENCE ROOM

PLAN VIEW

POWER & AV DVS REFERENCE ROOM DISPLAYS

D C4I FD

NAME	REFERENCE	ROOM

3	10
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UNCLASSIFIED

17-CAMPUS-5E3-501

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

LINE NO.	DATE	DESCRIPTION / COMMENTS	BY NO.
P1	AUG/17	SOLICITATION W8474-17-CA17	JMD

ARCHITECTURAL

DWO NUMBER	TITLE DESCRIPTION
17-CAMPUS-623-900	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-623-901	CONFINA - PLAN VIEW
17-CAMPUS-623-902	CONFINA - ELEV.
17-CAMPUS-623-903	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUS-623-904	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-623-905	MTO ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUS-623-906	MTO ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUS-623-907	PTP OFFICE & COLLABORATION - ELEV. P.T.

NOTE:

1 FOR FLOOR PLAN REFER TO
DWG. 17-CAMPUS-5E3-501

PROPOSAL
31/OCT/2017

DCAIED

SJS AREA
CONFERENCE ROOM
BUILDING 5, FLOOR 3
CAMPUS NCR

ELEVATIONS
AC POWER & AV DVO
CONFERENCE ROOM DISPLAYS

[illegible]

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SWD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

REVISION - REVISION

LINE REF	DATE	DESCRIPTION / LOCATION	DATE DEC	QTY WHS
P1	AUG/17	SOLICITATION WB474--17-CA17	J80	AS

ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUSED-000	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUSED-001	CONFIRM - PLAN VIEW
17-CAMPUSED-002	CONFIRM - ELEV.
17-CAMPUSED-003	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUSED-004	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUSED-005	MTG ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUSED-006	MTG ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUSED-007	TRP. OFFICE & COLLABORATION - ELEV.

NOTE:

1 FOR ELEVATIONS REFER TO
DWG. 17-CAMPUS-5E3-504

PROPOSAL
31/OCT/2017

CORRIDOR

2'-1"]-

UNITED NATIONS
PROGRAMME OF
ACTION ON THE
GEOGRAPHIC
INDICATIONS OF
PRODUCTS

D C4I FD

PLAN VIEW
SPECIAL PURPOSE SPACE (SPS)



PLAN VIEW
AC POWER & AV DVO
SPECIAL PURPOSE SPACE

[illegible]

THIS CONFIGURATION SHALL NOT BE ALTERED UNLESS AUTHORIZED BY JSCSS-SVD OR DESIGNATED DESIGN CONSULTANT. FINAL DESIGN MUST BE APPROVED BY DEPARTMENT OF NATIONAL DEFENCE.

LINE NO.	DATE	DESCRIPTION	REVISION - REVISION
P1	AUG/17	SOLUTION: W0474-17-CA17	

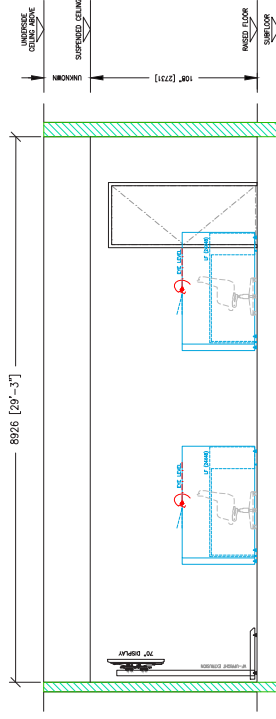
ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-4ED-500	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-4ED-501	CONF RM - PLAN VIEW
17-CAMPUS-4ED-502	CONF RM - ELEV.
17-CAMPUS-4ED-503	SPECIAL PURPOSE SPACE - PLAN
17-CAMPUS-4ED-504	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-4ED-505	MTG ROOM1 - PLAN VIEW & ELEV.
17-CAMPUS-4ED-506	MTG ROOM2 - PLAN VIEW & ELEV.
17-CAMPUS-4ED-507	TYP. OFFICE & COLLABORATION - PLAN

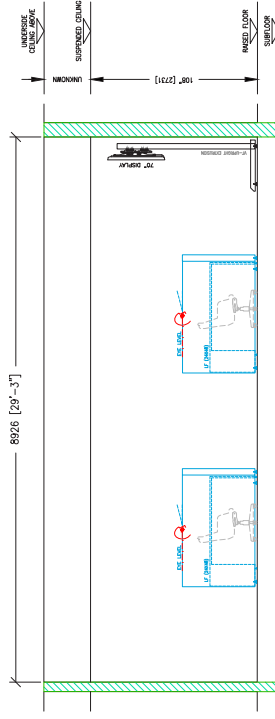
NOTE:

1 FOR FLOOR PLAN REFER TO
DWG. 17-CAMPUS-5E3-503

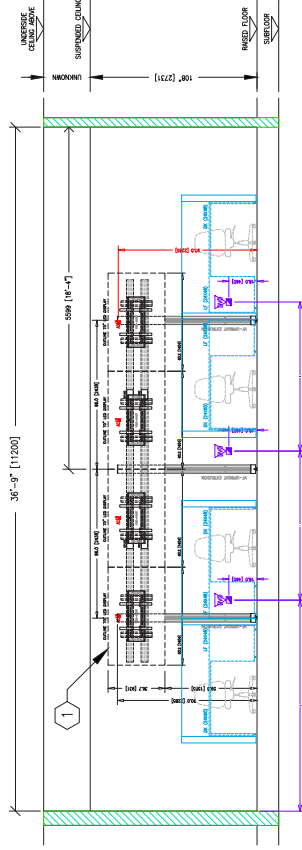
PROPOSAL
31/OCT/2017



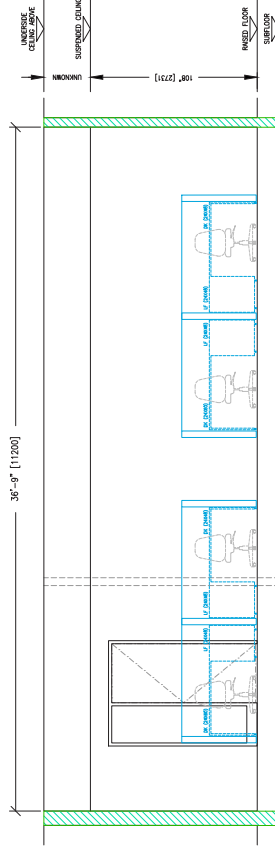
ELEVATION RIGHT SIDE
SPECIAL PURPOSE SPACE (SPS)



ELEVATION LEFT SIDE
SPECIAL PURPOSE SPACE (SPS)



ELEVATION (HOST WALL)
SPECIAL PURPOSE SPACE (SPS)



ELEVATION REAR
SPECIAL PURPOSE SPACE (SPS)

D
C
4
E

SJS AREA
SPECIAL PURPOSE SPACE
BUILDING 5, FLOOR 3
CAMPUS, NCR

ELEVATION
AC POWER & AV DVO
SPECIAL PURPOSE SPACE

FORM 87 PAGE 1	JW DIXON	01 REV	D C41 FD
DESIGNED BY JAMES A2	A SINCERNES	APPROVED BY APPROVED BY	LMEWARD
DATE 31/OCT/17	SCALE SCALE	NTS	NOV CON
REFERENCE NO.			36373

STREET OF
 PERMITS 1 DE 1
 CLASSIFICATION
 UNCLASSIFIED
 17-CAMPUS-5E3-504

ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17CAMPU5-SE-300	CONF BOOTH - PLAN VIEW & ELEV.
17CAMPU5-SE-301	CONF RM - PLAN VIEW
17CAMPU5-SE-302	CONF RM - ELEV.
17CAMPU5-SE-303	SPECIAL PURPOSE SPACE - PLAN VIEW
17CAMPU5-SE-304	SPECIAL PURPOSE SPACE - ELEV.
17CAMPU5-SE-305	MTG ROOM 1 - PLAN VIEW & ELEV.
17CAMPU5-SE-306	MTG ROOM 2 - PLAN VIEW & ELEV.
17CAMPU5-SE-300	MTG OFFICE & COLLABORATION - ELEV.

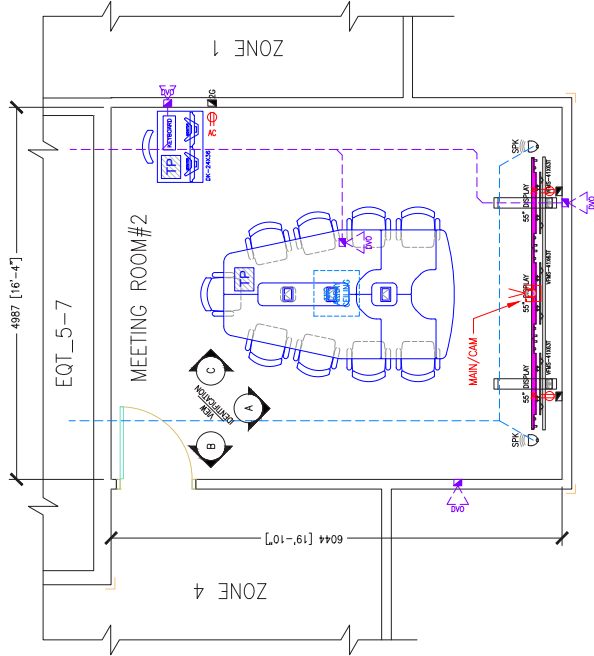
PROPOSAL
13/06/2017

DECLER

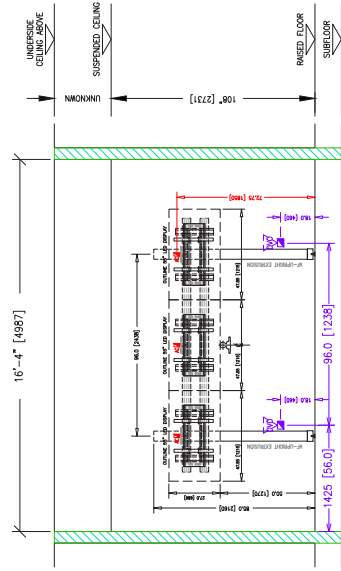
PROJECT LOCATION:
SJS AREA
MEETING ROOM
BUILDING 5, FLOOR
CAMPUS, NCR

PLAN VIEW & ELEVATIONS
AC POWER & AV DVO

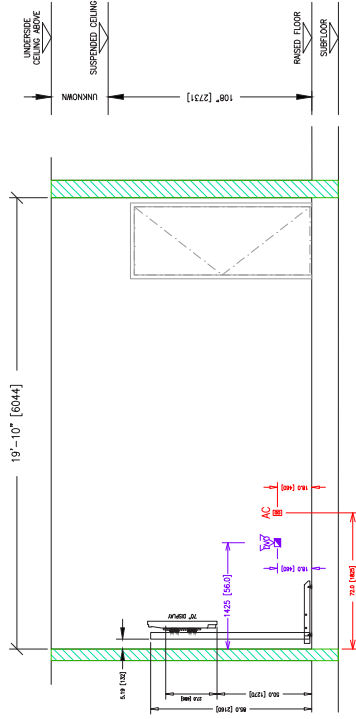
J.W.DIXON	D C4I FD
A.SINCENNES	L.MEWARD
DATE 31/OCT/17	NIS
CALC ENDILE	DOF
SUM 36,374	
UNCLASSIFIED	B2
17-CAMPUS-5E3-506	



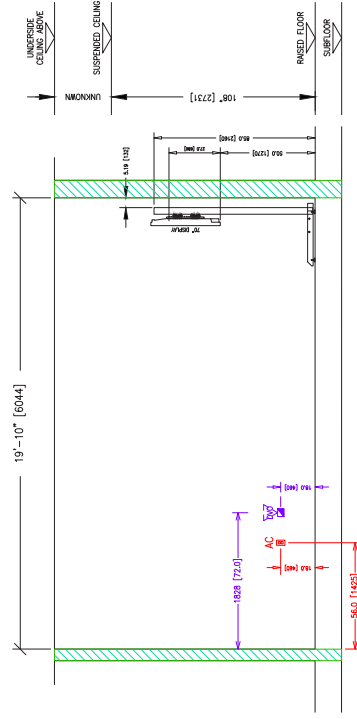
PLAN VIEW
MEETING ROOM 2



ELEVATION (HOST WALL)
MEETING ROOM 2



ELEVATION RIGHTSIDE
MEETING ROOM 2



ELEVATION LEFTSIDE
MEETING ROOM 2

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REV	DATE	DESCRIPTION	REVISED BY	REVISED DATE
P1	AUG/17	SOLICITATION: W0474-17-CA17	JMD	AS

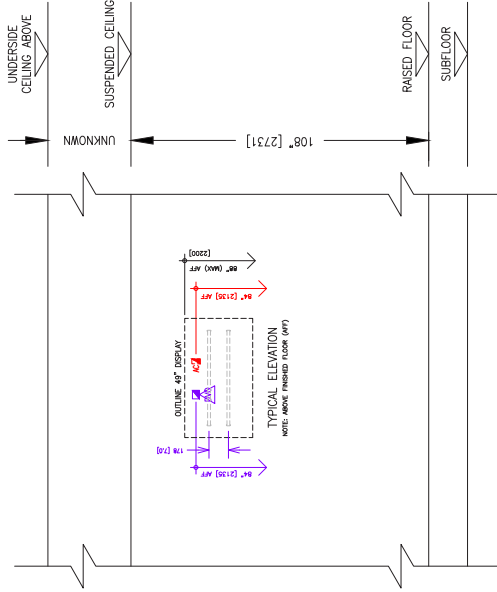
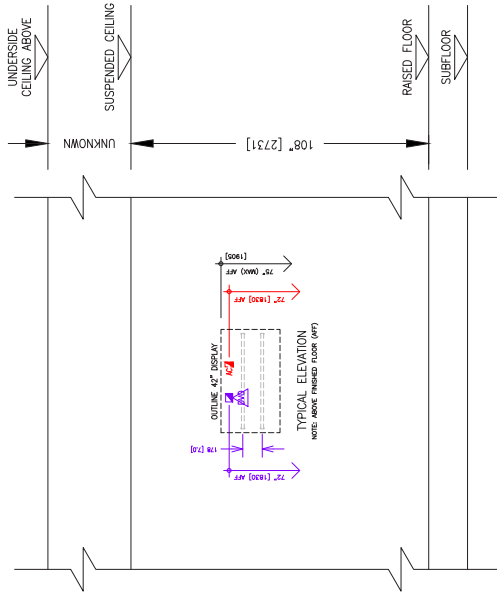
ARCHITECTURAL

DWG NUMBER	TITLE DESCRIPTION
17-CAMPUS-SES-600	CONTROL BOOTH - PLAN VIEW & ELEV.
17-CAMPUS-SES-601	CONF/WM - PLAN VIEW
17-CAMPUS-SES-602	CONF/WM - ELEV.
17-CAMPUS-SES-603	SPECIAL PURPOSE SPACE - PLAN VIEW
17-CAMPUS-SES-604	SPECIAL PURPOSE SPACE - ELEV.
17-CAMPUS-SES-605	MTG ROOM 1 - PLAN VIEW & ELEV.
17-CAMPUS-SES-606	MTG ROOM 2 - PLAN VIEW & ELEV.
17-CAMPUS-SES-607	TRP. OFFICE & COLLABORATION - ELEV.

NOTE:

1. FOR FLOOR PLAN REFER TO
DWG. 17-CAMPUS-5E3-001

PROPOSAL
31/OCT/2017

COLLAB AREA ELEVATION
AV PRESENTATION SYSTEMTYPICAL OFFICE ELEVATION
AV PRESENTATION SYSTEM

PROJECT LOCATION: PROJECT OFFICE:	D C4I FD
--------------------------------------	----------

SUS AREA
TYPICAL OFFICES / COLLAB AREAS
BUILDING 5, FLOOR 3
CAMPUS, NCR

ELEVATIONS
AC POWER & AV DVO

COPIES	JW DIXON	TO: att D C-41 FD
DECEASED BY: DATE: att	AS INCENNES	APPROVED BY: APPROVAL: att LMEWARD

DATE	31/OCT/17	SCALE	NTS	NOZZ	36374
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 National
Défense
Défense nationale

DND - NOTICE

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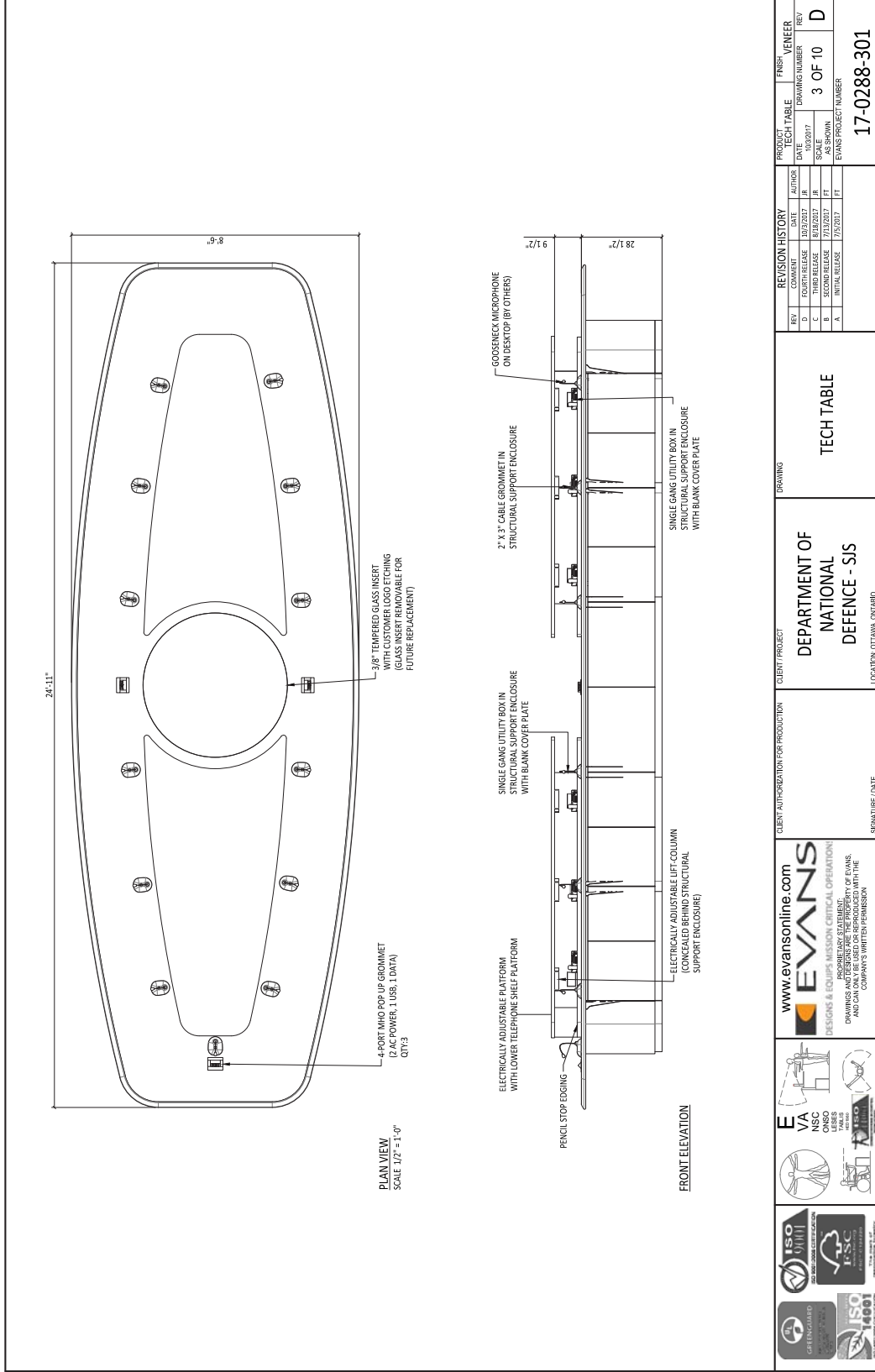
REVISION - REVISION

LTR REF	DATE	DESCRIPTION / DEBOR PPSM	DATE REQ	CA REF
P1	06/17	SOLICITATION W8474-17-CA17	JMD	AC

FURNITURE

DMS NUMBER	TITLE DESCRIPTION
11-CAMPS-SDS-601	TECH TABLE HANDED, ATOMK 3D
11-CAMPS-SDS-602	TECH TABLE TOPVIEW, ELEVATION
11-CAMPS-SDS-603	TECH TABLE SIDEVIEW, ELEVATION
11-CAMPS-SDS-604	VIC TABLE SECTION MMS
11-CAMPS-SDS-605	SECTION MMS
11-CAMPS-SDS-606	OPERATOR'S DESK SECTION MMS
11-CAMPS-SDS-607	SECTION MMS
11-CAMPS-SDS-608	TYPE 1 CONFERENCE TABLE
11-CAMPS-SDS-609	SINGLE OPERATOR DESK
11-CAMPS-SDS-610	SECTION WITH SHELF
11-CAMPS-SDS-611	SECTION
11-CAMPS-SDS-612	SECTION

PROPOSAL
31/OCT/2017





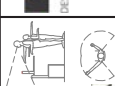
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REV	DATE	DESCRIPTION	BY	CHK
1	10/07/17	ISSUANCE FOR INFORMATION		

FURNITURE

11-CAMPUS-000-001	TECHNICAL DRAWING
11-CAMPUS-000-002	TECHNICAL DRAWING
11-CAMPUS-000-003	TECHNICAL DRAWING
11-CAMPUS-000-004	TECHNICAL DRAWING
11-CAMPUS-000-005	TECHNICAL DRAWING
11-CAMPUS-000-006	TECHNICAL DRAWING
11-CAMPUS-000-007	TECHNICAL DRAWING
11-CAMPUS-000-008	TECHNICAL DRAWING
11-CAMPUS-000-009	TECHNICAL DRAWING
11-CAMPUS-000-010	TECHNICAL DRAWING
11-CAMPUS-000-011	TECHNICAL DRAWING
11-CAMPUS-000-012	TECHNICAL DRAWING

PROPOSAL
31/OCT/2017

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CLIENT AUTHORIZATION FOR PRODUCTION

CLIENT PROJECT

DEPARTMENT OF NATIONAL DEFENCE - SIS

LOCATION: OTTAWA, ONTARIO

REVISION HISTORY

REV	DATE	COMMENT	AUTHOR	DATE	APPROVED
1	10/07/17	ISSUANCE FOR INFORMATION	JR		
2	10/07/17	ISSUANCE FOR INFORMATION	JR		
3	10/07/17	ISSUANCE FOR INFORMATION	JR		
4	10/07/17	ISSUANCE FOR INFORMATION	JR		

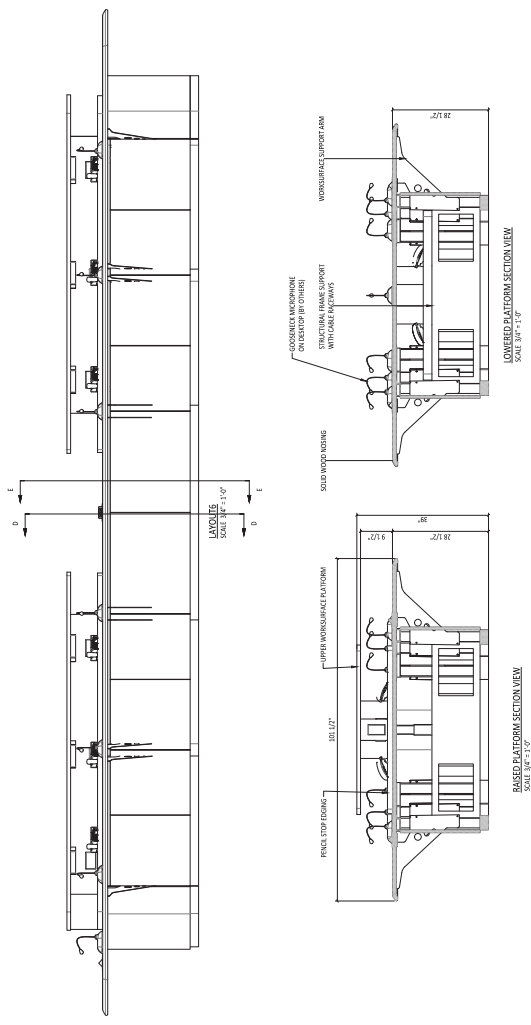
PROJECT TECH TABLE

PROJECT	DATE	TECH	TABLE	FINISH	VENUE
17-0288-301	10/07/17	4	OF 10	D	D

TECH TABLE SECTION VIEWS

17-0288-301

NOTE: TYPICAL SECTION VIEWS SHOWN. SOME DISPLAYED OPTIONS MAY NOT BE INCLUDE. REFER TO PRODUCT PLAN VIEW, PERSPECTIVE VIEW, OR INTERNAL/EQUIPMENT VIEW FOR VIEW OF ACTUAL OPTIONS.



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VISION - REVISION

DATE	DESCRIPTION	DATE	DESCRIPTION
03/17	SOLICITATION W8674-17-CA17		

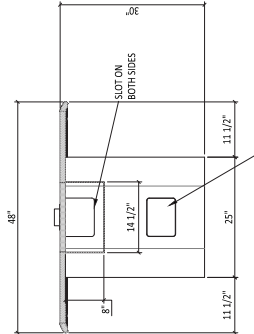
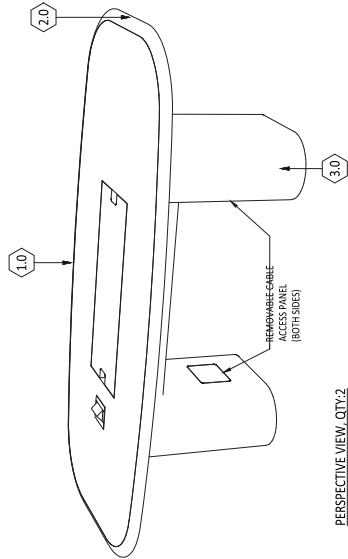
FURNITURE

ENVO. NUMBER	TECH. DESCRIPTION
11-CAMPOS-562-601	TECH. TABLE BASED AT POINT 30
11-CAMPOS-562-602	TECH. TABLE TOP VIEW W/ ELEVATION
11-CAMPOS-562-603	VIEW TABLE SECTION VIEWS
11-CAMPOS-562-604	VIEW TABLE SECTION VIEWS
11-CAMPOS-562-605	OPERATOR'S DESK SECTION VIEWS
11-CAMPOS-562-606	OPERATOR'S DESK AT EACH SECTION VIEW
11-CAMPOS-562-607	LECTURE SECTION VIEWS
11-CAMPOS-562-608	TYPE 1 CONFERENCE TABLE
11-CAMPOS-562-609	SHOULDER OPERATOR DESK
11-CAMPOS-562-610	SHOULDER OPERATOR DESK WITH SHIELD
11-CAMPOS-562-611	TYPE 2 CONFERENCE TABLE

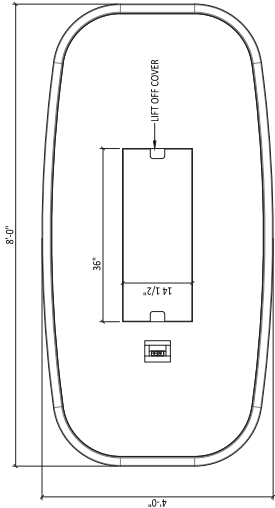
PROPOSAL
31/OCT/2017

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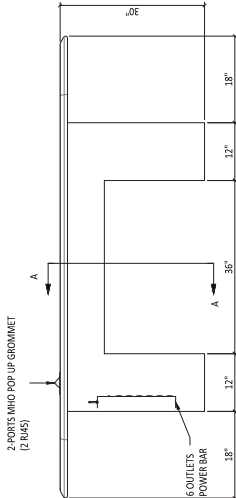
FINISH SCHEDULE		
ITEM	NAME	SELECTED FINISH
1.0	WORKSURFACE	WINDSWEPT 4793-60
2.0	NOSING	BLACK - SOFT URETHANE
3.0	TABLE LEGS/PEDESTAL/PODIUM	WINDSWEPT 4793-60



SECTION A-A



PLAN VIEW
SCALE 3/4" = 1'-0"



FRONT ELEVATION

