



Legislative Coordinating Commission

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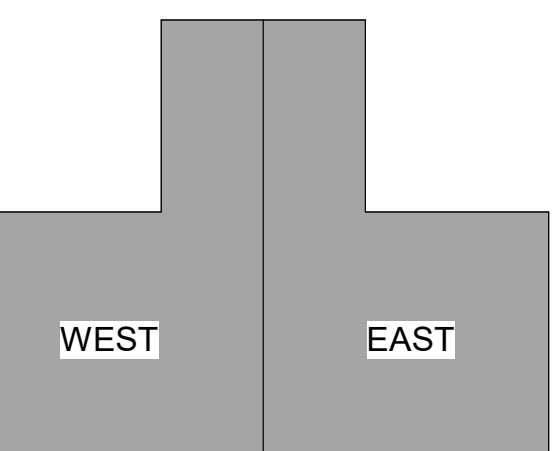
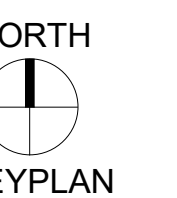


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Sheet Title

PLAN INDEX & SYMBOL SHEET

Sheet No.

B100

Drawn By: DS/SR/TD

SYMBOL SCHEDULE - BROADCAST SYSTEMS									
SYMBOL	DESCRIPTION	ROUGH-IN BOX TYPE	DEVICE COVER SIZE	COVER TYPE	MOUNTING HEIGHT			DEVICE NOTES	CONDUIT NOTES
					WALL / COLUMN	CEILING / OVERHEAD	FLOOR		
TV	PAC BOX, DISPLAY, AND MOUNT	TYPE E	REF. DETAILS						
TP	TOUCH PANEL	TYPE 2	2-GANG					REF PLANS	3/4" C TO ACCESSIBLE SPACE U.N.O.
RS	ROOM SCHEDULER	TYPE 2	2-GANG					REF PLANS	REF PLANS
DS	DIGITAL SIGNAGE	TYPE E							
PL	PROJECTOR WITH SCISSOR LIFT	REF. PLANS	---					REF PLANS	REF PLANS
PS	PROJECTOR SCREEN	REF. PLANS	---					REF PLANS	REF PLANS
AV	AV JUNCTION BOX	REF. PLANS	REF. PLANS		REF. PLANS	---	---	REF PLANS	1-1/4" C TO ACCESSIBLE SPACE U.N.O.
CAM	BROADCAST CAMERA BACKBOX	TYPE 2	2-GANG	[PLT-CAM-1]	REF PLANS	REF PLANS	---	REF PLANS	REF PLANS
ALS	ASSISTED LISTENING SYSTEM DEVICE	TYPE 1	1-GANG		0" AFF	---	---	BEHIND BASEBOARD	REF PLANS
T	ELAPSED TIME READER	REF. DETAILS	---					REF PLANS	REF PLANS
OA	ON-AIR LIGHT	TYPE 2	2-GANG		92" AFF	---	---	REF PLANS	3/4" C TO ACCESSIBLE SPACE U.N.O.
M	MICROPHONE	REF. DETAILS	---					REF PLANS	REF PLANS
JBT	JUNCTION BOX	REF. DETAILS	REF. PLANS		REF. PLANS	---	---	REF PLANS	REF PLANS
ANT	ANTENNA	REF. DETAILS	---					REF PLANS	REF PLANS

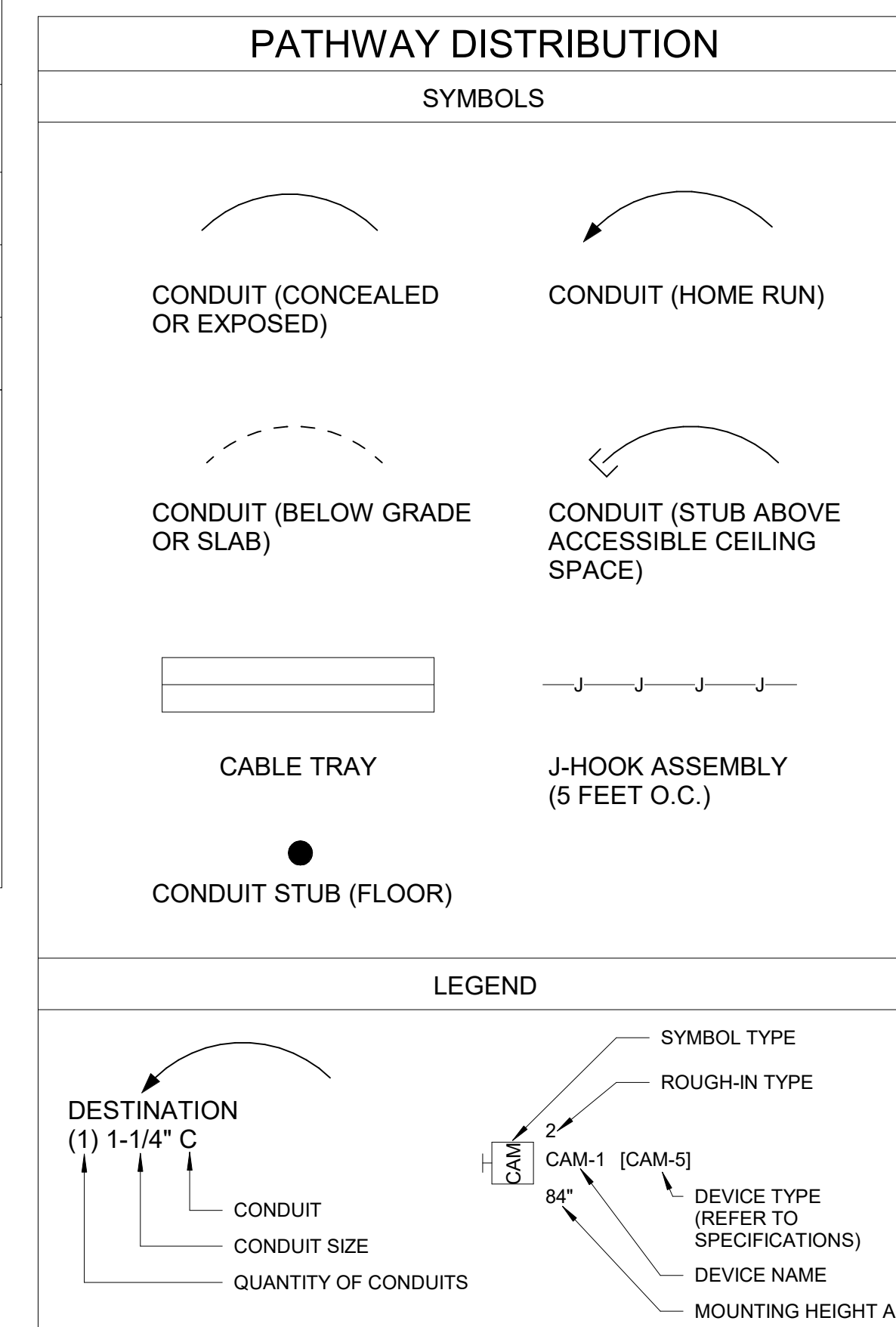
SYMBOL SCHEDULE - BROADCAST SYSTEMS									
SYMBOL	DESCRIPTION	ROUGH-IN BOX (HxWxD)	DEVICE COVER SIZE	MOUNTING HEIGHT			DEVICE NOTES	CONDUIT NOTES	
				WALL / COLUMN	CEILING / OVERHEAD	FLOOR			
DN	DATA OUTLET	TYPE 1	REF. DETAILS	18" AFF U.N.O.	--	--	--	(1) 1-1/4" MINIMUM	
DN	FLOOR OUTLET	SEE NOTE #2	--	--	--	--	SEE NOTE #2	(1) 1-1/4" MINIMUM	
DAS	WIRELESS ACCESS POINT	TYPE 1	REF. DETAILS	--	SEE NOTE #4	--	--	--	
DAS	DISTRIBUTED ANTENNA SYSTEM ANTENNA	TYPE 1	--	--	SEE NOTE #4	--	--	--	
J	ENCLOSURE / JUNCTION BOX	--	--	--	--	--	--	--	
PB	SHEET METAL PULL BOX	--	--	--	--	--	--	--	
DN	FUTURE CABLING LOCATION	SEE NOTE #6	--	--	--	--	PROVIDE BLANK PLATE WITH LABEL.	--	

- NOTES:
- "N" DETERMINES NUMBER OF CATEGORY CABLES FOR THAT LOCATION.
  - PROVIDE ALL MATERIALS AND ACCESSORIES NECESSARY TO ACCOMMODATE A FULLY FUNCTIONING STRUCTURED CABLING SYSTEM IN FLOOR BOX. SEE ELECTRICAL PACKAGE FOR FLOOR BOX INFORMATION.
  - SEE PULL BOX SIZING CHART FOR FURTHER DETAILS.
  - WIRELESS ACCESS POINT MOUNTING SHALL BE FLUSH AT FINISHED CEILING HEIGHT. AT LOCATIONS WHERE NO FINISHED CEILING IS PRESENT, PROVIDE UNISTRUT ASSEMBLY FROM STRUCTURE ABOVE, 1" CONDUIT CUT TO LENGTH AND BACKBOXMOUNT WAP BELOW SURROUNDING MECHANICAL SHAFTS OR OTHER OBSTRUCTIONS BUT NO LOWER THAN 8'-6" AFF.
  - DISTRIBUTED ANTENNA SYSTEM ANTENNA MOUNTING SHALL BE FLUSH AT FINISHED CEILING HEIGHT. AT LOCATIONS WHERE NO FINISHED CEILING IS PRESENT, PROVIDE UNISTRUT ASSEMBLY FROM STRUCTURE ABOVE, 1" CONDUIT CUT TO LENGTH AND BACKBOX. MOUNT DAS ANTENNA BELOW SURROUNDING MECHANICAL SHAFTS OR OTHER OBSTRUCTIONS BUT NO LOWER THAN 8'-6" AFF.
  - PROVIDE CABLE SERVICE LOOP COILED IN CEILING SPACE SUSPENDED BY J-HOOK FROM STRUCTURE ABOVE.

BROADCAST SYSTEMS RESPONSIBILITY MATRIX					
SYSTEM / SCOPE	OFOI	OFCI	CFCI	CFOI	CONTRACT
<b>BROADCAST SYSTEM:</b>					
PATHWAYS, ROUGH-INS, SLEEVES			X		
AV NETWORK SWITCHES			X		
DISPLAYS (INCLUDING MOUNTS)			X		
CAMERAS			X		
CONTROL / TOUCH PANELS			X		
BLOCKING / BACKING BOARD			X		
END USER CABLES			X		
PROGRAMMING / COMMISSIONING			X		
COMMUNICATION NETWORK SWITCHES			X		
COMMUNICATION CABLING PATCH PANELS			X		
CABLE MANAGEMENT			X		
UPS (UNINTERRUPTIBLE POWER SUPPLY)			X		
GROUNDING AND BONDING			X		
COPPER HORIZONTAL CABLING			X		
WIRELESS ACCESS POINTS			X		
RACKS AND ENCLOSURES			X		
PATCH CABLES			X		
END USER CABLES				X	
OFOI - OWNER FURNISHED / OWNER INSTALLED	AV - AUDIOVISUAL CONTRACTOR				
OFCI - OWNER FURNISHED / CONTRACTOR INSTALLED	SC - SECURITY CONTRACTOR				
CFCI - CONTRACTOR FURNISHED / CONTRACTOR INSTALLED	MC - MECHANICAL CONTRACTOR				
CFOI - CONTRACTOR FURNISHED / OWNER INSTALLED	TE - TECHNOLOGY ENGINEER				
EC - ELECTRICAL CONTRACTOR	GC - GENERAL CONTRACTOR				
TC - TELECOMMUNICATIONS CONTRACTOR					

ROUGH-IN BOX SCHEDULE	
TYPE	DESCRIPTION
1	<b>RECESSED:</b> 1-GANG BOX W/ 2-1/8" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL. <b>MASONARY:</b> 1-GANG BOX, 2-1/8" DEEP WITH KNOCKOUTS IN 4" CMU/BRICK/CONCRETE; 3-1/2" DEEP WITH KNOCKOUTS IN 6" OR 8" CMU/CONCRETE. COVER EDGE TO BE FLUSH WITH FINISHED WALL. <b>SURFACE MOUNTED:</b> 1-GANG DIECAST BOX, 2-5/8" DEEP WITH THREADED OUTLETS.
2	<b>RECESSED:</b> 4-11/16" BOX W/ 2-1/2" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL. <b>MASONARY:</b> 2-GANG BOX, 2-1/2" DEEP WITH KNOCKOUTS IN 4" CMU/BRICK/CONCRETE; 3-1/2" DEEP WITH KNOCKOUTS IN 6" OR 8" CMU/CONCRETE. COVER EDGE TO BE FLUSH WITH FINISHED WALL. <b>SURFACE MOUNTED:</b> 2-GANG DIECAST BOX, 2-5/8" DEEP WITH THREADED OUTLETS.
3	<b>RECESSED:</b> 3-GANG BOX W/ 2-1/2" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL. <b>MASONARY:</b> 3-GANG BOX, 2-1/2" DEEP WITH KNOCKOUTS IN 4" CMU/BRICK/CONCRETE; 3-1/2" DEEP WITH KNOCKOUTS IN 6" OR 8" CMU/CONCRETE. COVER EDGE TO BE FLUSH WITH FINISHED WALL. <b>SURFACE MOUNTED:</b> 3-GANG DIECAST BOX, 2-5/8" DEEP WITH THREADED OUTLETS.
4	<b>RECESSED:</b> 4-GANG BOX W/ 2-1/2" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL. <b>MASONARY:</b> 4-GANG BOX, 2-1/2" DEEP WITH KNOCKOUTS IN 4" CMU/BRICK/CONCRETE; 3-1/2" DEEP WITH KNOCKOUTS IN 6" OR 8" CMU/CONCRETE. COVER EDGE TO BE FLUSH WITH FINISHED WALL.
5	<b>RECESSED:</b> 5" SQUARE BOX W/ 2-7/8" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL.
6	<b>RECESSED:</b> 6-GANG BOX W/ 2-1/2" DEEP WITH KNOCKOUTS. PROVIDE DEVICE EXTENSION AS REQUIRED TO ACCOMMODATE DEVICE COVER SIZE. DEVICE COVER/RING EDGE TO BE FLUSH WITH FINISHED WALL.
A	JUNCTION BOX (HxWxD) WITH SCREW COVER. PROVIDE NEMA TYPE 1 AT INDOOR LOCATIONS. PROVIDE NEMA TYPE 3R AT OUTDOOR LOCATIONS. PAINTED AT EXPOSED LOCATIONS.
B	JUNCTION BOX (HxWxD) WITH HINGED COVER. PROVIDE NEMA TYPE 1 AT INDOOR LOCATION. PROVIDE NEMA TYPE 3R AT OUTDOOR LOCATIONS. PAINTED AT EXPOSED LOCATIONS.
C	JUNCTION BOX (HxWxD) WITH LOCKING HINGED COVER. PROVIDE NEMA TYPE 1 AT INDOOR LOCATION. PROVIDE NEMA TYPE 3R AT OUTDOOR LOCATIONS. PAINTED AT EXPOSED LOCATIONS.
E	CHIEF PAC525F IN WALL FLANGED STORAGE BOX WITH COVER. REFER TO SPECIFICATIONS FOR COLOR.

ABBREVIATIONS	
AV	PROJECT DIVISION 27 CONTRACTOR.
EC	PROJECT DIVISION 28 CONTRACTOR.
LVC	PROJECT LOW VOLTAGE DIVISION 27 CONTRACTOR.
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
BCP	BLANK COVER PLATE
BCS	BELOW COUNTER-TOP SURFACE
BFC	BELOW FINISHED CEILING
BFF	BELOW FINISHED FLOOR
BOB	BOTTOM OF BOX
COB	CENTER OF BOX
SRH	PROJECT STANDARD RECEPTACLE HEIGHT
SSH	PROJECT STANDARD SWITCH HEIGHT
HT	HEIGHT
RU	RACK UNIT ( 1.75" HIGH x 19.25" WIDE TYP. )
IP	INTERNET PROTOCOL
LAN	LARGE AREA NETWORK
MDF	MAIN DISTRIBUTION FACILITY
MDP	MATV DISTRIBUTION PROCESSOR
VLAN	VIRTUAL LAN
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
ec	EMPTY CONDUIT
IG	ISOLATED GROUND (TECHNICAL GROUND)
IP	ISOLATED POWER (BALANCED POWER)
no	NORMALLY OPEN CONTACT
nc	NORMALLY CLOSED CONTACT
OFE	OWNER FURNISHED EQUIPMENT
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
OFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFEI	CONTRACTOR FURNISHED, ELECTRICAL INSTALLED
EFEI	ELECTRICAL FURNISHED, ELECTRICAL INSTALLED
AR	AS REQUIRED BY DOCUMENTS
AS	AS SHOWN ON DRAWINGS
CL	CENTER LINE
IPD	IPOD
MB	MOUNTING BRACKET
NIC	NOT IN CONTRACT (FUTURE OR BY OTHERS)
N/A	NOT APPLICABLE
N/C	NO CONNECTION
N/R	NOT REQUIRED
NU	NOT USED
POE	POWER OVER ETHERNET
QM	QUICK MEDIA
RK	RACK KIT
SF	STERILE FIELD
TBD	TO BE DETERMINED
UNO	UNLESS NOTED OTHERWISE



PULL BOX SIZING				
TRADE SIZE	WIDTH (W)	LENGTH (L)	DEPTH (D)	WIDTH INCREASE PER ADDITIONAL CONDUIT
1	4"	16"	3"	2"
1-1/4	6"	20"	3"	3"
1-1/2	8"	27"	4"	4"
2	8"	36"	4"	5"
2-1/2	10"	42"	5"	6"
3	12"	48"	5"	6"
3-1/2	12"	54"	6"	6"
4	15"	60"	8"	8"

LEGEND















































