

TELECOMMUNICATION SYMBOL LIST / MOUNTING HEIGHT SCHEDULE			
MOUNTING HEIGHT FROM FLOOR TO		(SPECIAL MOUNTING HEIGHTS INDICATED ON PLAN)	
		SYMBOL	DESCRIPTION
TOP	℄		
	46"		STATE (DOT-A) TELEPHONE WALLPHONE OUTLET (1T), WALL MOUNTED
	18"		STATE (DOT-A) TEL/DATA INFORMATION OUTLET (2T/2D), WALL MOUNTED
	18"		CATV OUTLET (1V/1D), WALL MOUNTED
	18"		STATE (DOT-A) BADGING NETWORK INFORMATION OUTLET (2D), WALL MOUNTED
			LARGE JUNCTION BOX, HORIZONTALLY MOUNTED, SIZE AS NOTED
			LARGE JUNCTION BOX, WALL MOUNTED, SIZE AS NOTED
			SMALL JUNCTION BOX, HORIZONTALLY MOUNTED
	18"		SMALL JUNCTION BOX, WALL MOUNTED
			BALANCE MAGNETIC SWITCH/DOOR STATUS CONTACT, WALL MTD ABOVE DOOR (SECURE SIDE)
	46"		CARD READER, WALL MOUNTED
	46"		REQUEST-TO-EXIT PUSHBUTTON, WALL MOUNTED
			ELECTRIFIED LOCK, PROVIDED BY DOOR HARDWARE CONTRACTOR
			ELECTRIC POWER TRANSFER HINGE, PROVIDED BY DOOR HARDWARE CONTRACTOR
			CCTV CAMERA
			IDS PASSIVE INFRARED (PIR) MOTION DETECTOR, CEILING MOUNTED
			IDS DURESS ALARM PUSHBUTTON
			SIGNAL BACKBOARD, 3/4" THICK, SIZED AS NOTED.
6'-0"			SIGNAL CABINET, WALL MOUNTED
			POWER PANELBOARD
			ELECTRICAL EQUIPMENT
			CONCEALED CONDUIT UNDERGROUND IN FINISHED FLOOR OR BELOW GRADE.
			CONCEALED CONDUIT ABOVE GRADE IN CEILINGS OR WALLS.
			EXPOSED RACEWAY, PROVIDE STRAP 8'-0" ON CENTER MINIMUM
			HOMERUN ARROW TO TELECOMMUNICATIONS ROOM. MIN. 1"Ø FOR HORIZONTAL DISTRIBUTION. IDENTIFIER INDICATES TELECOMMUNICATIONS ROOM.
			GENERAL COMMUNICATIONS SYSTEM RACEWAY, 1" MINIMUM CONDUIT
			DATA SYSTEM RACEWAY, 1" MINIMUM CONDUIT
			TELEPHONE SYSTEM RACEWAY, 1" MINIMUM CONDUIT
			CATV SYSTEM RACEWAY, 1" MINIMUM CONDUIT
			SECURITY SYSTEM RACEWAY, 3/4" MINIMUM CONDUIT
			CONDUIT STUB, 1" MINIMUM CONDUIT
			NOTE INDICATOR
			DETAIL INDICATOR: TOP HALF DENOTES DETAIL NUMBER, BOTTOM HALF DENOTES SHEET NUMBER

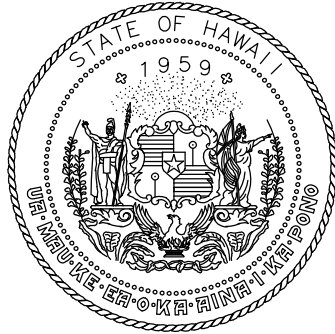
TELECOMMUNICATION ABBREVIATIONS	
ABBREV.	DESCRIPTION
+42"	DENOTES 42" ABOVE FINISHED FLOOR OR GRADE
2T	DENOTES TWO (2) CAT-6 TELEPHONE CABLES
2D	DENOTES TWO (2) CAT-6 DATA CABLES
1V	DENOTES ONE (1) COAXIAL (RG-6/SERIES 6) CABLE
A.F.F.	ABOVE FINISHED FLOOR
ACS	ACCESS CONTROL SYSTEM
BMS	BALANCED MAGNETIC SWITCH/DOOR STATUS CONTACT
CAT-6	CATEGORY-6 CABLE
CCTV	CLOSED-CIRCUIT TELEVISION SYSTEM
DOT-A	DEPARTMENT OF TRANSPORTATION – AIRPORTS DIVISION
ESS	ELECTRONIC SECURITY SYSTEMS (INCLUDES ACS, CCTV, AND IDS)
FO	FIBER OPTIC CABLE
GND	GROUND
GF/CI	FOVERNMENT FURNISHED-CONTRACTOR INSTALLED EQUIPMENT
MM	MULTI-MODE (50-MICRON) FIBER OPTIC CABLE
SM	SINGLE MODE FIBER OPTIC CABLE
S/S	STAINLESS STEEL
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
WP	WEATHERPROOF

GENERAL TELECOMMUNICATIONS NOTES:

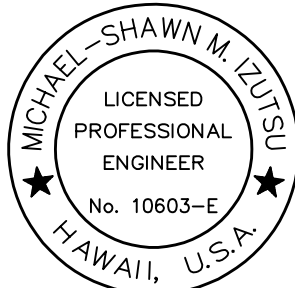
1. ALL TELECOMMUNICATIONS PATHWAYS AND SPACES SHALL BE PROVIDED IN ACCORDANCE WITH AIRPORTS BUILDING DESIGN STANDARDS, NFPA 70 (NATIONAL ELECTRICAL CODE) AND ANSI/TIA-569-E AND ADDENDA.
2. ALL TELECOMMUNICATIONS CABLING SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH NFPA 70 (NATIONAL ELECTRICAL CODE), ANSI/TIA-568.1-E, ANSI/TIA-568.2-D, ANSI/TIA-568.3-D AND ADDENDA UNLESS OTHERWISE INDICATED.
3. ALL TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE LABELED/IDENTIFIED IN ACCORDANCE WITH ANSI/TIA-606-C AND AS INDICATED ON THE CONSTRUCTION DOCUMENTS.
4. ALL TELECOMMUNICATIONS INFRASTRUCTURE SHALL BE BONDED/GROUNDED IN ACCORDANCE WITH REQUIREMENTS OF NFPA 70 (NEC) AND ANSI/TIA-607-D.
5. PROVIDE APPROPRIATE FIRE STOPPING MEASURES FOR ALL PENETRATIONS THRU FIRE-RATED PARTITIONS/FLOORS IN ACCORDANCE WITH SPECIFICATIONS.
6. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES TO AVOID CONFLICTS WITH MECHANICAL, STRUCTURAL AND ARCHITECTURAL ELEMENTS OF THIS PROJECT.
7. ALL LARGE COMM DISTRIBUTION JUNCTION BOXES (12-INCHES AND LARGER) SHALL BE PROVIDED WITH A HINGED COVER AND PAD-LOCKABLE LOCKING HASP TO SECURE JUNCTION BOX.

GENERAL TELECOMMUNICATIONS DEMOLITION NOTES:

1. ALL ITEMS INDICATED ON DEMOLITION DRAWINGS SHALL BE CONSIDERED EXISTING UNLESS OTHERWISE INDICATED.
2. CONTRACTOR SHALL REMOVE ALL UNUSED TELECOMMUNICATIONS DEVICES AND ASSOCIATED INFRASTRUCTURE IN THE PROJECT AREA UNLESS OTHERWISE INDICATED. ALL EXISTING ABANDONED TELECOMMUNICATIONS CABLING AS DEFINED IN NEC PARAGRAPHS 770.2 AND 800.2 SHALL BE REMOVED IN ACCORDANCE WITH NEC PARAGRAPHS 770.25 AND 800.25 PRIOR TO THE DEMOLITION OF THE BUILDINGS.
3. NOT ALL EXISTING CONDITIONS ARE SHOWN ON THE DRAWINGS. EQUIPMENT, DEVICE QUANTITIES, LOCATIONS AND CABLE ROUTES INDICATED ON DOCUMENTS ARE APPROXIMATE BASED UPON THE BEST AVAILABLE INFORMATION. PRIOR TO CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR CAREFULLY EXAMINING THE EXISTING PROJECT AREA AND BECOMING FAMILIAR WITH THE EXISTING CONDITIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR VALIDATING THE EXTENT OF DEMOLITION WORK AND CONFIRMING QUANTITIES, LOCATIONS, AND CABLE ROUTES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PHYSICALLY VERIFY THE LOCATION OF ALL EXISTING UTILITIES.
4. CONTRACTOR SHALL COORDINATE DEMOLITION SCHEDULE AND PHASE WORK TO ENSURE CONTINUITY OF EXISTING TELECOMMUNICATIONS SYSTEMS WHICH ARE ROUTED THROUGH THE EXISTING FACILITY AND SUPPORT AREAS BEYOND THE PROJECT AREA.



Airports Division  
DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII



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04/30/24  
Licensed Expiration Date

This work was prepared by me or under my supervision.

DSGN.	DRWN.	CHKD.	APPD.
MMI	FCC	MMI	MMI

NO.	DATE	REVISIONS
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DATE

PROJECT TITLE :

NEW PASS AND ID OFFICE

AT  
DANIEL K. INOUE INTERNATIONAL AIRPORT  
HONOLULU, OAHU, HAWAII

PROJECT NO.:

CO1322-63

SHEET TITLE:

TELECOMMUNICATIONS  
SYMBOLS LIST AND  
GENERAL NOTES

DATE :	DWG. NO. <b>TC001</b>
12/21/22	
SHEET :	
085 of 100	