TECHNOLOGY SYMBOL LEGEND

ABREV.	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
BICSI	BUILDING INDUSTRY CONSULTING SERVICE INTERNATIONAL
CATV	COMMUNITY ANTENNA TELEVISION (CABLE TELEVISION)
CCTV	CLOSED CIRCUIT TELEVISION
EC	ELECTRICAL CONTRACTOR
EIA	ELECTRONICS INDUSTRIES ASSOCIATION
ETR	EXISTING TO REMAIN
GC	GENERAL CONTRACTOR
HC	HORIZONTAL CROSS-CONNECT
MC	MAIN CROSS-CONNECT
MM	MULTIMODE
NEC	NATIONAL ELECTRICAL CODE
NEX	NEW DEVICE IN EXISTING BACKBOX
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
OBC	OHIO BUILDING CODE
RCDD	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
RD	RELOCATE DEVICE
REX	REMOVE EXISTING DEVICE
RR	REMOVE AND RELOCATE
SM	SINGLE MODE
TC	TECHNOLOGY CONTRACTOR
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
UPS	UNINTERRUPTIBLE POWER SUPPLY
UON	UNLESS OTHERWISE NOTED
WG	WIRE GUARD
WP	WEATHERPROOF

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
—— c ——	CONDUIT PATHWAY
—— c ——┐	CONDUIT STUB
----------	CONDUIT INSTALLED BELOW GRADE OR BELOW FINISHED FLOOR, CONTINUOUS HDPE PIPE, WITH NO JOINTS, SEAMS OR SPLICES.
J	JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED BY CODE OR AS NOTED ON DRAWINGS
	DATA/VOICE FACEPLATE AT 18" AFF, UON. FOR ADDITIONAL INFORMATION, REFER TO FACEPLATE DETAILS ELSEWHERE. 'EP' = EMERGENCY PHONE AT 48" AFF. 'W' = WALLPHONE AT 48" AFF.
	DATA/VOICE ROUGH-IN OUTLET BOX AT 18" AFF, UON
	DATA/VOICE DEVICE AT 8" ABOVE COUNTER, UON. FOR ADDITIONAL INFORMATION, REFER TO FACEPLATE LEGEND.
	DATA/VOICE ROUGH-IN OUTLET BOX AT 8" ABOVE COUNTER, UON
	DATA/VOICE FIRE RATED THROUGH FLOOR FITTING - RECESSED IN FLOOR. FOR ADDITIONAL INFORMATION, REFER TO FACEPLATE DETAILS ELSEWHERE.
	DATA/VOICE ROUGH-IN FIRE RATED THROUGH FLOOR FITTING - RECESSED IN FLOOR. 'SFF' = SYSTEMS FURNITURE FEED
FB	TECHNOLOGY FLOOR BOX, REFER TO FLOOR BOX TYPE DETAILS ELSEWHERE.
	DATA/VOICE FACEPLATE, CEILING MOUNTED. FOR ADDITIONAL INFORMATION, REFER TO FACEPLATE DETAILS ELSEWHERE.
	DATA/VOICE ROUGH-IN OUTLET BOX, CEILING MOUNTED
	WIRELESS ACCESS DROP LOCATION, WALL MOUNTED
	WIRELESS ACCESS DROP LOCATION, CEILING MOUNTED
A	AUDIO RECEPTACLE AT 18" AFF, UON '1' = SINGLE PLASTER RING '2' = TWO GANG PLASTER RING
A	AUDIO RECEPTACLE, CEILING MOUNTED
	CABINET SPEAKER, WALL MOUNTED
	SPEAKER, CEILING MOUNTED, UON NONE = PAGING 'L' = AUDIO ZONE DESIGNATION
	HORN, WALL MOUNTED AT 12'-0" AFF, UON.
V	VIDEO RECEPTACLE NONE = CATV AT 96" AFF, UON
V	VIDEO RECEPTACLE, CEILING MOUNTED NONE = CATV, UON
P1	CEILING MOUNTED A/V MULTIMEDIA PROJECTOR AND FACEPLATE
	FLAT SCREEN VIDEO DISPLAY
I	INTERCOM STATION AT 48", UON. 'MS' = MASTER STATION 'V' = VIDEO
	GROUNDING BUSBAR
Jfb	VOICE/DATA IN FEED LOCATION FOR SYSTEMS FURNITURE. CONTRACTOR TO VERIFY REQUIREMENTS PRIOR TO INSTALL. EXTEND 1-1/4" UP WITHIN CHASE OR WALL TO 6" ABOVE ACCESSIBLE CEILING, OR TO CABLE TRAY IF ROUTING IS ABOVE A NON-ACCESSIBLE CEILING.
	19" TECHNOLOGY EQUIPMENT OPEN RACK, STANDARD, UON.
	19" TECHNOLOGY EQUIPMENT OPEN RACK, DUAL UPRIGHT, UON.
	WIRE BASKET CABLE TRAY, 24 INCH WIDE X 4 INCH DEEP, UON. FOR ADDITIONAL MOUNTING INFORMATION, REFER TO THE CABLE TRAY HANGING DETAIL ELSEWHERE
	CABLE RUNWAY, SIZED AS INDICATED. FOR ADDITIONAL MOUNTING INFORMATION, REFER TO THE CABLE TRAY HANGING DETAIL ELSEWHERE

TECHNOLOGY SYMBOL LEGEND

SYMBOL	DESCRIPTION
	CLOSED CIRCUIT TELEVISION CAMERA - WALL MOUNTED 'PTZ' = PAN/TILT/ZOOM
	CLOSED CIRCUIT TELEVISION CAMERA - CEILING MOUNTED 'PTZ' = PAN/TILT/ZOOM
	ACCESS CONTROL SYSTEM PROXIMITY SENSOR ROUGH-IN AT 48" AFF, UON
	ACCESS CONTROL SYSTEM PANIC HARDWARE ROUGH-IN
	ACCESS CONTROL SYSTEM MAG LOCK ROUGH-IN - MOUNTED AS INDICATED ON DRAWINGS
	ACCESS CONTROL SYSTEM DOOR CONTACTS ROUGH-IN - MOUNTED AS INDICATED ON DRAWINGS
	PUSHBUTTON 'L' = SECURITY SYSTEM REMOTE LOCK DOWN - MOUNTED ABOVE COUNTER 'P' = SECURITY SYSTEM PANIC ALARM - MOUNTED UNDER DESK 'REL' = SECURITY SYSTEM REMOTE RELEASE - MOUNTED ABOVE COUNTER 'RTE' = SECURITY SYSTEM REQUEST TO EXIT
	ELECTRIC DOOR HARDWARE, BY OTHERS. CONNECTIONS AND INTEGRATION BY THE SECURITY CONTRACTOR.
R	RELAY
S	SECURITY DEVICE CONTAINING DOOR STATUS INDICATOR LIGHTS, AND DOOR RELEASE PUSHBUTTONS ROUGH-IN ONLY 'A' = ANNUNCIATOR 'EAI' = EQUIPMENT ALARM INTERFACE 'KP' = KEY PAD 'KS' = KEY SWITCH 'M' = MOTION SENSOR 'T' = TIME AND ATTENDANCE
S	SECURITY DEVICE, CEILING MOUNTED 'M' = MOTION SENSOR
M	MOTION SENSOR MOUNTED ABOVE DOOR
	LOW VOLTAGE BELL. MOUNT ABOVE LAY IN CEILING.
	PROTECTION FOR CLASS II CABLING. FOR ADDITIONAL INFORMATION AND REQUIREMENTS, REFER TO TECHNOLOGY SPECIFICATIONS
	ANALOG SYSTEM CLOCK, WALL MOUNTED 'ET' = ELAPSED TIME
	ANALOG SYSTEM CLOCK, DOUBLE SIDED, WALL MOUNTED 'ET' = ELAPSED TIME
1:23	DIGITAL SYSTEM CLOCK, WALL MOUNTED 'ET' = ELAPSED TIME
1:23	DIGITAL SYSTEM CLOCK, DOUBLE SIDED, WALL MOUNTED 'ET' = ELAPSED TIME
	MATV/CATV HEADEND
	RF IN LINE AMPLIFIER
	RF VIDEO TWO PORT SPLITTER
	RF DIRECTIONAL COUPLER
	RF 2 WAY DIRECTIONAL COUPLER
	RF 4 WAY DIRECTIONAL COUPLER
	RF 8 WAY DIRECTIONAL COUPLER
	RF EQUALIZER
	RF TERMINATOR

GENERAL NOTES

1) ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, OR SHAFTS SHALL BE SEALED IN ACCORDANCE WITH TECHNOLOGY FIRESTOPPING SPECIFICATION SECTION.

2) CONTRACTOR SHALL COORDINATE LOCATIONS OF ALL CEILING MOUNTED DEVICES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, SECTIONS AND DETAILS. CONTRACTOR SHALL ALSO COORDINATE LOCATIONS OF WORK AREA OUTLETS AND OTHER WALL MOUNTED DEVICES WITH THE ARCHITECTURAL WALL ELEVATIONS AND FINISHES.

3) THE ROUTING OF ALL SURFACE MOUNTED/EXPOSED CONDUIT OR RACEWAY IN FINISHED AREAS (OR WHERE NOTED ON THE DRAWINGS) SHALL BE COORDINATED WITH, AND SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION.

4) CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF MECHANICAL EQUIPMENT WITH THE MECHANICAL CONTRACTOR AND ELECTRICAL EQUIPMENT WITH THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL MAKE APPROPRIATE ADJUSTMENTS TO CONDUIT AND RACEWAY LOCATIONS AS REQUIRED. FOR ADDITIONAL REQUIREMENTS, REFER TO TECHNOLOGY PATHWAY HARDWARE SPECIFICATION SECTION.

5) ALL CABLE TRAYS SHALL BE INSTALLED SO AS TO BE U.L. LISTED AS BEING ELECTRICALLY CONTINUOUS FOR GROUNDING PURPOSES, AND SHALL BE BONDED TO AN ACCEPTABLE TELECOMMUNICATIONS GROUND ONLY.

6) ALL PULLBOXES AND JUNCTION BOXES SHALL BE INSTALLED IN A "READILY ACCESSIBLE" LOCATION AND SHALL HAVE PROPER WORKING SPACE AS DEFINED IN NEC ARTICLE 100 AND 110.

7) UTILIZATION OF THE PHRASE "PROVIDED BY" WITHIN THE CONTEXT OF THESE DOCUMENTS SHALL EXPLICITLY REPRESENT "FURNISHED AND INSTALLED BY".

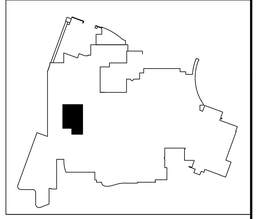
8) AT BUILT- IN CABINET LOCATIONS, OUTLETS ARE TO BE LOCATED ABOVE COUNTER, UNLESS OTHERWISE NOTED.

9) TELE-DATA LOCATIONS AT DESKS TO BE LOCATED BESIDE ELECTRICAL OUTLET TO SUPPLY ALL FUNCTIONS NEEDED TO RUN A COMPUTER COMING FROM ONE LOCATION.

10) FOR ALL TV & PATIENT CHECK-IN MONITORS, CONNECTIONS (POWER AND DATA) ARE TO BE LOCATED BEHIND THE DEVICES SO THEY ARE HIDDEN FROM VIEW.

NOTES:

KEY PLAN NTS NORTH



100% CD

FULLY SPRINKLERED

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

Revisions	Date

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Drawing Title: **TECHNOLOGY SYMBOL LEGEND AND NOTES**

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