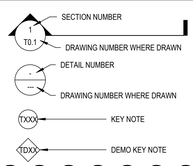
ICT ABBREVIATIONS

#	NUMBER
+ 8"	MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE ABOVE FINISHED FLOOR OR FINISHED GRADE
(A)	
AC	ALTERNATING CURRENT
ADA	AMERICAN WITH DISABILITIES ACT
ADJ	ADJACENT
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ARCH	ARCHITECT
AUX	AUXILIARY
AV	AUDIOVISUAL
AVC	AUDIOVISUAL CONTRACTOR
AWG	AMERICAN WIRE GAUGE
A	AMPERES
(B)	
BLDG	BUILDING
B	BURIED
BET	BUILDING ENTRANCE TERMINAL
BD	BLACK DROP
(C)	
CA	CABLE
CAB	CABINET
CH	CASE HEIGHT
CW	CASE WIDTH
CD	CASE DEPTH
CAT	CATALOG
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CL	CENTERLINE
CLG	CEILING
COAX	COAXIAL CABLING
COMM	COMMUNICATIONS
C	CONDUIT
(D)	
D	DEPTH
DC	DIRECT CURRENT
DIST	DISTRIBUTION
DIV	DIVISION
DN	DOWN
DWG(S)	DRAWING(S)
DWGS	DRAWINGS
(E)	
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EC	ELECTRICAL CONTRACTOR
EF	ENTRANCE FACILITY
EST	ESTIMATE
EQ	EQUIPMENT
(E), E, EX, EXIST	EXISTING
ESS	ELECTRONIC SECURITY SYSTEMS
(F)	
FACP	FIRE ALARM CONTROL PANEL
FC	FOOT CANDLE
FLR	FLOOR
FPD	FLAT PANEL DISPLAY
FT	FOOT/FEET (')
FURN	FURNITURE
(G)	
GC	GENERAL CONTRACTOR
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
(H)	
HH	HANDHOLE
HT	HEIGHT
(I)	
ICT	INFORMATION AND COMMUNICATIONS TECHNOLOGY
IN	INCH/INCHES (")
IW	IMAGE WIDTH
IH	IMAGE HEIGHT
IHAF	IMAGE HEIGHT ABOVE FINISHED FLOOR
(J)	
JB	JUNCTION BOX
(K)	
KO	KNOCK OUT
(L)	
L	LENGTH, LONG
LAN	LOCAL AREA NETWORK
LV	LOW VOLTAGE (BELOW 50 VOLTS)
(M)	
MH	MANHOLE
MIC	MICROPHONE
MTR	MOTOR
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTG	MOUNTING
MTR	MAIN TELECOMMUNICATIONS ROOM
(N)	
NA	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NO., NUM. #	NUMBER
NTS	NOT TO SCALE
NC	NURSE CALL
(O)	
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OPS	OUTSIDE PLANT
(P)	
PA	PUBLIC ADDRESS
PB	PULL BOX
PS	POWER SUPPLY
PRJ	PROJECTOR
PRS	PROJECTION SCREEN
PWR	POWER
(Q)	
QTY	QUANTITY
(R)	
REQ'D	REQUIRED
RF	RADIO FREQUENCY
RFID	RADIO FREQUENCY IDENTIFICATION
RSC	RIGID STEEL CONDUIT
RE, (R)	RELOCATE AS SHOWN
(S)	
SC	SECURITY CONTRACTOR
SCH, SCHED	SCHEDULE
SF	SQUARE FOOT
STP	SHIELDED TWISTED PAIR
SPEC(S)	SPECIFICATION(S)
STD	STANDARD
(T)	
TCC	TELECOMMUNICATIONS CABLE CONTRACTOR
TBD	TO BE DETERMINED
TELECOM	TELECOMMUNICATIONS
TYP	TYPICAL
TR	TELECOMMUNICATIONS ROOM
(U)	
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
(V)	
V	VOLTS
(W)	
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WT	WEIGHT

ALL ABBREVIATIONS, SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED.

REFERENCE SYMBOLS



ICT CONTRACTOR RESPONSIBILITY MATRIX

REFERENCE DESIGN BINDER 4 IHS WHITERIVER TECHNOLOGY SCOPE RESPONSIBILITY MATRIX.

E

SYMBOL SHEET NOTES

A. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL GRAPHIC SYMBOLS WHICH MAY TYPICALLY OCCUR ON THE ICT DRAWINGS.

B. THIS SHEET MAY ILLUSTRATE ABBREVIATIONS, SYMBOLS AND LEGENDS WHICH DO NOT OCCUR AS PART OF THIS PROJECT. REFER TO THE DRAWINGS TO DETERMINE WHICH ITEMS APPLY TO THE WORK OF THIS PROJECT.

C. ADDITIONAL SYMBOLS NOT SHOWN OR DEFINED ON THIS SHEET MAY BE USED ON THE ICT DRAWINGS AND ARE TYPICALLY DEFINED ON OTHER SHEETS.

D. SYMBOLS ARE NOT DRAWN TO SCALE. TO DETERMINE THE ACTUAL SIZES OF ELEMENTS REPRESENTED BY SYMBOLS, REFER TO THE SPECIFICATIONS AND OTHER SHEETS, AS MAY APPLY.

ICT DEVICE SCHEDULES

ICT DEVICE SCHEDULE

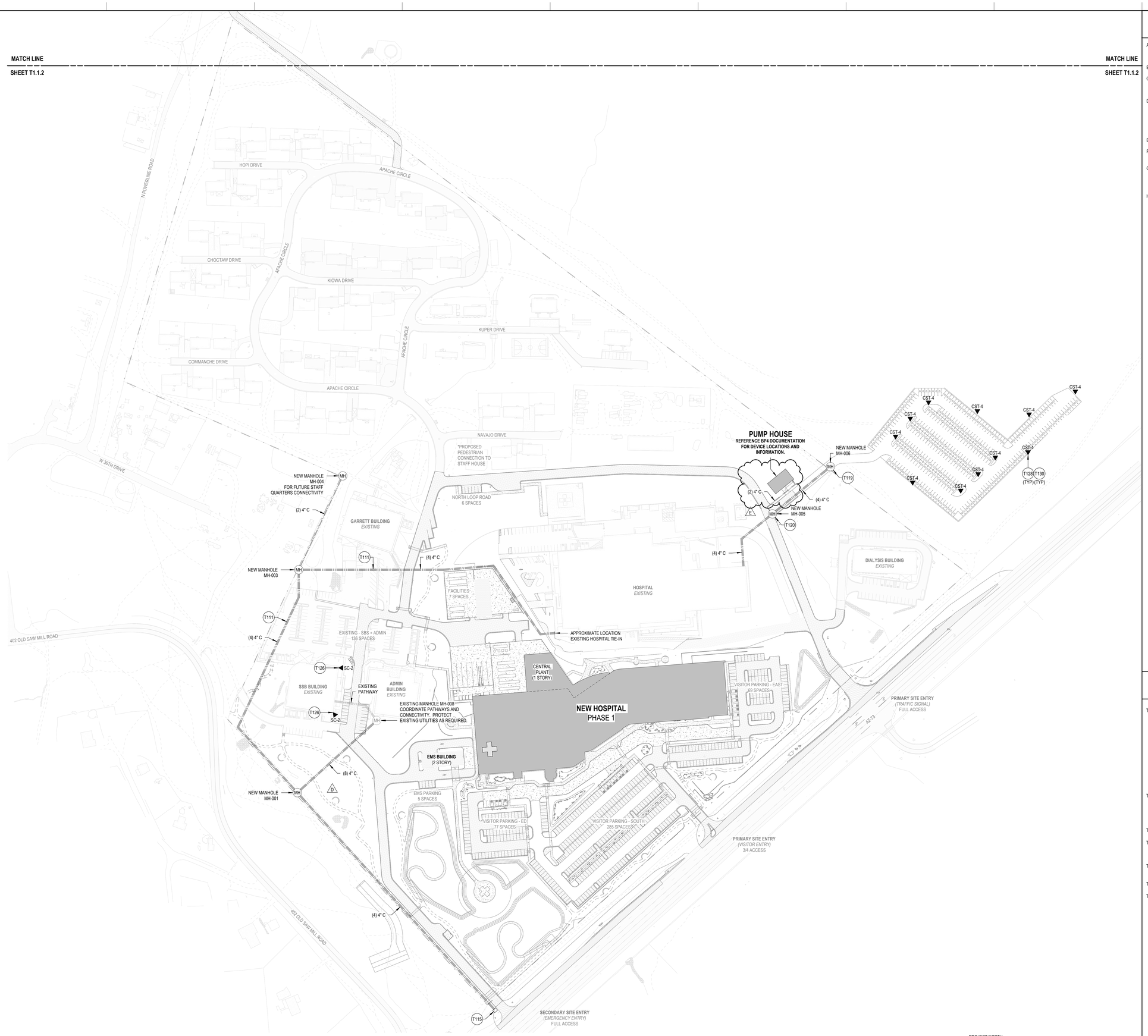
SYMBOL TYPE	DESCRIPTION	BACKBOX	MOUNTING	AV CONDUIT	AV CONDUIT NOTES
AT-A	ANTENNA	DOUBLE-GANG 4-11/16" SQUARE BOX BLANK COVER	ABOVE ACCESSIBLE CEILING	N/A	
AV1	AV IO PANEL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD OUTLET HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
AV2	AV IO PANEL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED TWO-DEVICE COVER	PROJECT STANDARD OUTLET HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
AV3	AV IO PANEL	TRIPLE-GANG BOX, RAISED THREE-DEVICE COVER	PROJECT STANDARD OUTLET HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(2) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
C	CAMERA	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED TWO-DEVICE COVER	96" AFF - FLUSH (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
CP1	CONTROL PANEL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD SWITCH HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
CP2	CONTROL PANEL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED TWO-DEVICE COVER	PROJECT STANDARD SWITCH HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
CP3	CONTROL PANEL	TRIPLE-GANG BOX, RAISED THREE-DEVICE COVER	PROJECT STANDARD SWITCH HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
ETC	ELAPSE TIMER CONTROL PANEL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	48" - FLUSH (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
RAT	TRIBAL RADIO SYSTEM ANTENNA	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	90" AFF - FLUSH (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
RS	ROOM SCHEDULING PANEL	PROVIDED BY AV CONTRACTOR	PROJECT STANDARD SWITCH HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	CONDUIT TO START AT PROJECT STANDARD SWITCH HEIGHT AND STUB INTO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
SP-A	LOUDSPEAKER PULL BOX	DOUBLE-GANG 4-11/16" SQUARE BOX BLANK COVER	18" ABOVE ACCESSIBLE CEILING	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)
SP-S	LOUDSPEAKER PULL BOX	DOUBLE-GANG 4-11/16" SQUARE BOX BLANK COVER	SURFACE MOUNT TO DECK	(1) 1"	
VPA	VISUAL PAGING LOUDSPEAKER	N/A - FOR LOCATION PURPOSES ONLY	108" AFF - FLUSH (UON)	N/A	N/A

ICT TELECOM DEVICE SCHEDULE

SYMBOL TYPE	DESCRIPTION	BACKBOX	MOUNTING	TELECOM CONDUIT	TELECOM CONDUIT NOTES
# (DATA AFC)	DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	WALL / 44" AFF (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
# (DATA)	DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD OUTLET HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
A-#	CEILING DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, BLANK COVER	ABOVE ACCESSIBLE CEILING		J-HOOK TO CABLE TRAY
AE-#	EXTERIOR WIRELESS ACCESS POINT ENCLOSURE	HUBBELL ATS-04384C OR EQUAL	WALL / 120" AFF (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
AP-A-#	CEILING ACCESS POINT DATA OUTLET(S)	CHATSWORTH PRODUCTS OBERON WI-TILE 1047 OR EQUAL	ENCLOSURE INSTALLED IN ACCESSIBLE CEILING GRID, FLUSH WITH CEILING		J-HOOK TO CABLE TRAY
AP-F-#	CEILING ACCESS POINT DATA OUTLET(S)	CHATSWORTH PRODUCTS OBERON WI-TILE 1045 OR EQUAL	ENCLOSURE INSTALLED FLUSH WITH CEILING	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
AP-S-#	CEILING ACCESS POINT DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	SURFACE MOUNT TO DECK	(1) 1"	STUB TO NEAREST CABLE TRAY
CE-#	ED HEADWALL COMPUTER STATION DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	48" - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CL-AN-#	SYNCRONIZE CLOCK - ANALOG	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD CLOCK HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CL-DI-#	SYNCRONIZE CLOCK - DIGITAL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD CLOCK HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CL-EL-#	SYNCRONIZE ELAPSE TIMER - DIGITAL	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	PROJECT STANDARD CLOCK HEIGHT, REFER TO ARCH. DRAWINGS (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CP-#	PATIENT ROOM HEADWALL COMPUTER STATION DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	42" AFF - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CS-#	SURGERY PREP/PACU HEADWALL COMPUTER STATION DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	48" AFF - FLUSH (UON) - COORDINATE W/ HEADWALL	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
CSP-#	CEILING SERVICE PANEL DATA OUTLET(S)	LOCATED IN CEILING SERVICE PANEL	FLUSH MOUNT WITH CEILING SERVICE PANEL OR OVERHEAD CARRIER	PATHWAY PROVIDED WITHIN EQUIPMENT	ROUTE CABLES IN OVERHEAD UTILITY PATHWAY TO FACILITATE TRANSITION TO CABLETRAY
CST - #	EMERGENCY CALL STATION STANCHION DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER, COORDINATE WITH CST	COORDINATE WITH CST INSTALLATION REQUIREMENTS	(1) 2"	CONDUIT TO ENTER BUILDING, STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
E-#	VISUAL ACUITY TESTER	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	WALL / 56" AFF (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
FF-#	FURNITURE FEED TELECOM PULLBOX	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	WALL / 18" AFF (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
FM-#	IN-FLOOR CONDUIT STUB DATA OUTLET(S)	IN-FLOOR CONDUIT	FLOOR	(1) 1 1/2"	STUB TO DEDICATED CHASE WITHIN CABINET/EQUIPMENT
FO-#	IN-FURNITURE DATA OUTLET(S)	COORDINATE WITH FURNITURE	IN FURNITURE	PATHWAY PROVIDED WITHIN FURNITURE	PATHWAY WITHIN FURNITURE TO FURNITURE FEED PULL BOX
FO-# (AFC)	IN-FURNITURE DATA OUTLET(S)	COORDINATE WITH FURNITURE	IN FURNITURE	PATHWAY PROVIDED WITHIN FURNITURE	PATHWAY WITHIN FURNITURE TO FURNITURE FEED PULL BOX
FS-#	IN-SLAB CONDUIT STUB DATA OUTLET(S)	IN-SLAB CONDUIT	FLOOR / GRADE	(1) 1 1/2"	STUB TO 3" ABOVE FINISHED FLOOR
FS-#	IN-SLAB CONDUIT STUB DATA OUTLET(S)	IN-SLAB CONDUIT	FLOOR / GRADE	(1) 1 1/2"	STUB TO 3" ABOVE FINISHED FLOOR
HD-#	DENTAL RECOVERY HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	30" - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HE-#	ED HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	36" - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HI-#	L&D INFANT HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	24" AFF - FLUSH (UON) - COORDINATE W/ HEADWALL	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HL-#	LDRP HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	30" AFF - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HN-#	L&D NURSERY HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	36" AFF - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HP-#	PATIENT AND TREATMENT ROOM HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	30" - FLUSH (UON), COORDINATE W/ HEADWALL	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
HS-#	SURGERY PREP/PACU HEADWALL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	24" AFF - FLUSH (UON) - COORDINATE W/ HEADWALL	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
LB-#	LAB BENCH DATA OUTLET(S)	INTERGRATED IN LAB BENCH	IN LAB BENCH, REFER TO Q-SERIES EQUIPMENT SHEETS	PATHWAY PROVIDED WITHIN FURNITURE	ROUTE CABLES TO CEILING SERVICE PANEL / OVERHEAD CARRIER
MS-#	MONUMENT SIGN DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	COORDINATE WITH MONUMENT SIGN	(1) 2"	CONDUIT TO ENTER BUILDING, STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
P-#	DATA OUTLET - WALL TELEPHONE	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	44" - FLUSH (UON) REFER TO ARCHITECTURAL ELEVATIONS A0.3	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
PC-#	PATIENT CARE AREA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	24" AFF - FLUSH (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
PN-#	PNEUMATIC TUBE WORK STATION DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	44" - FLUSH (UON)	(1) 1-1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
PT-S-#	PNEUMATIC TUBE EQUIPMENT DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	SURFACE MOUNT TO DECK	(1) 1"	STUB TO NEAREST CABLE TRAY
RC-#	RACEWAY FEED TELECOM PULLBOX	DOUBLE-GANG 4-11/16" SQUARE BOX	44" AFF - FLUSH (UON), COORDINATE W/ ELECTRICAL RACEWAY	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
RD-A-#	CEILING RTLS DOOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING	N/A	J-HOOK TO CABLE TRAY
RE-A-#	CEILING RTLS RANGE EXTENDER OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING	N/A	J-HOOK TO CABLE TRAY
RL-A-#	CEILING RTLS ELEVATOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING	N/A	J-HOOK TO CABLE TRAY
RO-#	IN-RACEWAY DATA OUTLET(S)	COORDINATE WITH ELECTRICAL RACEWAY	INSTALLED IN LOW VOLTAGE CHANNEL OF DUAL CHANNEL ELECTRICAL RACEWAY	PATHWAY PROVIDED WITHIN RACEWAY	PATHWAY WITHIN RACEWAY TO RACEWAY FEED PULL BOX
RS-A-#	ROOM SCHEDULING PANEL DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING		J-HOOK TO CABLE TRAY
RT-A-#	CEILING RTLS TRANSCEIVER DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING	N/A	J-HOOK TO CABLE TRAY
RT-F-#	CEILING RTLS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	FLUSH WITH CEILING	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
SC-#	SECURITY CAMERA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	WALL / 120" AFF (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
SC-A-#	CEILING SECURITY CAMERA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	ABOVE ACCESSIBLE CEILING		J-HOOK TO CABLE TRAY
SC-E-#	CEILING SECURITY CAMERA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	MOUNTED IN ELEVATOR CAB CEILING		PROVIDE TRAVEL CABLE FOR NETWORK CONNECTION
SC-F-#	CEILING SECURITY CAMERA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	FLUSH WITH CEILING	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
SC-S-#	CEILING SECURITY CAMERA DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	SURFACE MOUNT TO DECK	(1) 1"	STUB TO NEAREST CABLE TRAY
SCP - #	SECURITY DEVICE POLE MOUNTED DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER, COORDINATE WITH POLE INSTALLATION REQUIREMENTS	COORDINATE WITH POLE MOUNTED SECURITY SYSTEM DEVICE INSTALLATION REQUIREMENTS	(1) 2"	CONDUIT TO ENTER BUILDING, STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
SP-A-#	CEILING LOUDSPEAKER DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, BLANK COVER	ABOVE ACCESSIBLE CEILING		J-HOOK TO CABLE TRAY
UP-#	UTLITY POLE CEILING DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, BLANK COVER	ABOVE ACCESSIBLE CEILING		J-HOOK TO CABLE TRAY
VD-#	DENTAL RECOVERY VITALS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	72" AFF - FLUSH (UON) - COORDINATE WITH HEADWALL.	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VE-#	ED HEADWALL VITALS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	66" AFF - FLUSH (UON) - COORDINATE WITH HEADWALL.	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VI-#	VIDEO INTERCOM DEVICE DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	WALL / 44" AFF (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VL-#	LDRP VITALS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	66" AFF - FLUSH (UON) - COORDINATE W/ HEADWALL.	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VP-#	PATIENT ROOM VITALS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	66" AFF - FLUSH (UON) - COORDINATE WITH HEADWALL.	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VPA-#	DATA OUTLET - VISUAL PAGING LOUDSPEAKER (WALL)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER (UON)	108" AFF CENTERED ABOVE DIGITAL SIGNAGE DISPLAY, (UON)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY
VS-#	SURGERY PREP/PACU HEADWALL VITALS MONITOR DATA OUTLET(S)	DOUBLE-GANG 4-11/16" SQUARE BOX, RAISED ONE-DEVICE COVER	60" AFF - FLUSH (UON) - COORDINATE W/ HEADWALL.	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TRAY

ICT MULTISERVICE DEVICE SCHEDULE

SYMBOL TYPE	DESCRIPTION	BACKBOX	MOUNTING	AV CONDUIT	AV CONDUIT NOTES	TELECOM CONDUIT	TELECOM CONDUIT NOTES	ELECTRICAL POWER NOTES (REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION)
DB4	DISPLAY BOX W/ AV TELECOM AND POWER	WIREMOLD EFSB2	FLUSH (UON) - REFER TO PLANS AND ELEVATIONS FOR MOUNTING HEIGHT INFORMATION	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	N/A	N/A	DUPLEX -20A/120V
DB5	DISPLAY BOX W/ AV TELECOM AND POWER	WIREMOLD EFSB4	FLUSH (UON) - REFER TO PLANS AND ELEVATIONS FOR MOUNTING HEIGHT INFORMATION	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DUPLEX -20A/120V
DB8	FIRE-RATED DISPLAY BOX W/ AV TELECOM AND POWER	FSR PWB-FR-450	FLUSH (UON) - REFER TO PLANS AND ELEVATIONS FOR MOUNTING HEIGHT INFORMATION	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DUPLEX -20A/120V
DC6	DISPLAY BOX W/ AV TELECOM AND POWER	NIGEL B. NB-PEBPM	ABOVE ACCESSIBLE CEILING - REFER TO DETAIL FOR MOUNTING INFORMATION	N/A	N/A	N/A	J-HOOK TO CABLE TRAY	BUILT-IN AC POWER OUTLETS - 20A/120V
FB10	FLOOR BOX W/ AV TELECOM AND POWER	WIREMOLD EFB6S	FLUSH WITH FINISHED FLOOR	(2) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DOUBLE DUPLEX - 20A/120V
FB30	FLOOR BOX W/ TELECOM AND POWER	WIREMOLD EFBFF	FLUSH WITH FINISHED FLOOR	N/A	N/A	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	PASS-THRU / HARD WIRED TO FURNITURE SYSTEMS. SEE ELECTRICAL PLANS FOR INFORMATION.
FB31	FLOOR BOX W/ TELECOM AND POWER	WIREMOLD RFBA2R30	FLUSH WITH FINISHED FLOOR	N/A	N/A	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DUPLEX - 20A/120V
FB34	FLOOR BOX W/ TELECOM AND POWER	WIREMOLD EFB6S	FLUSH WITH FINISHED FLOOR	N/A	N/A	(3) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	TRIPLE DUPLEX - 20A/120V
PT10	FLOOR RECESS POKE-THRU W/ AV TELECOM AND POWER	WIREMOLD 6AT	FLUSH WITH FINISHED FLOOR	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DUPLEX - 20A/120V
PT33	FLOOR RECESS FURNITURE FEED POKE-THRU W/ TELECOM AND POWER	WIREMOLD 4FFATC15	FLUSH WITH FINISHED FLOOR	N/A	N/A	(1) 1 1/2"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	PASS-THRU / HARD WIRED TO FURNITURE SYSTEMS. SEE ELECTRICAL PLANS FOR INFORMATION.
RK1	EQUIPMENT RACK PULL BOX W/ AV TELECOM AND POWER	FSR WB-X2-GNG	PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	(2) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DUPLEX - 20A/120V DEDICATED CIRCUIT
RK2	EQUIPMENT RACK PULL BOX W/ AV TELECOM AND POWER	FSR WB-X3-GNG	PROJECT STANDARD OUTLET HEIGHT - FLUSH (UON) - REFER TO ARCH. DRAWINGS	(3) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON ON RISER DIAGRAM)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING (UON)	DOUBLE DUPLEX - 20A/120V DUAL DEDICATED CIRCUITS
RP	PATIENT ROOM SIGNAGE	DOUBLE-GANG 4-11/16" SQUARE BOX	48" - FLUSH (UON)	(1) 1 1/4"	STUB TO NEAREST ACCESSIBLE CEILING, J-HOOK TO CABLE TR



ICT SITE PLAN - PHASE 1 - AREA 1

SCALE: 1" = 100'-0"

GENERAL SHEET NOTES

A. REFER TO CIVIL AND ELECTRICAL SITE UTILITY DRAWINGS FOR PATHWAYS SERVING OUTSIDE PLANT COMMUNICATIONS CABLING AND OTHER SITE RELATED EXTERIOR ICT DEVICES SUCH AS DUCT BANKS, MANHOLES, AND HANDHOLES.
B. CONTRACTOR TO FIELD VERIFY PATHWAYS AND SITE CONDITIONS.
C. CONTRACTOR TO CONFIRM NEW CONNECTIVITY FROM SSB TO EXISTING HOSPITAL IS TESTED AND OPERATIONAL PRIOR TO DEMOLITION AND NEW SITE WORK ASSOCIATED WITH NEW HOSPITAL.
D. CONDUIT ROUTING, MANHOLES AND HANDHOLES ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS AND COORDINATE WITH OTHER UTILITIES AS REQUIRED AND PROVIDE ADDITIONAL MANHOLES AND/OR HANDHOLES AS REQUIRED PER THE PROJECT STANDARDS AND TELECOMMUNICATIONS BEST PRACTICES FOR PROVIDING EVERY (2) 90 DEGREES OF BEND OR EVERY 150'.
E. ALL SITE CONDUITS AND PATHWAYS SHALL BE IN CONCRETE ENCASED DUCTBANK.
F. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONNECTIVITY TO EXISTING HOSPITAL THROUGHOUT CONSTRUCTION.
G. CONTRACTOR TO COORDINATE WITH IHS AS REQUIRED FOR DISCONNECTION OF SERVICES AT EXISTING FACILITY UPON COMPLETION OF NEW FACILITY. CONTRACTOR TO DEMO AND REMOVE DUCT BANKS AND CABLING NOT REQUIRED FOR THE NEW FACILITY.
H. MANHOLE / MAINTENANCE HOLE NUMBERING SCHEMES ON THE PLANS ARE FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO PROVIDE FINAL LABELING SCHEME WITH ALL HANDHOLES, MANHOLES, AND ACCESS POINTS. CONTRACTOR TO COORDINATE WITH IHS AS REQUIRED FOR LABELING SCHEME.

SHEET KEYNOTES

T111 PRIOR TO DEMOLITION AND SITE WORK ASSOCIATED WITH NEW HOSPITAL, CONTRACTOR TO PROVIDE AND INSTALL CONDUITS TO ESTABLISH CONNECTIVITY BETWEEN SPECIAL SERVICES BUILDING (SSB), AND EXISTING HOSPITAL. CONTRACTOR TO PROVIDE, INSTALL AND TERMINATE 48-STRANDS OF SMFO AND 100-PAIR COPPER FROM EXISTING HOSPITAL TO SSB AND TERMINATE IN EXISTING HOSPITAL MDF. FROM ROUTE 73, PRIOR TO THE DEMOLITION AND SITE WORK ASSOCIATED WITH THE NEW HOSPITAL, INSTALL NEW DUCT BANK AND MANHOLE INFRASTRUCTURE TO MAINTAIN EXISTING SERVICES TO EXISTING HOSPITAL VIA SSB CAMPUS MPOE/DATA CENTER. TIE INTO EXISTING MANHOLES AND PROVIDE NEW AS INDICATED. PROVIDE, TERMINATE, AND TEST NEW CONNECTIVITY TO EXISTING HOSPITAL VIA NEW PATHWAY FROM SSB.

T115 COORDINATE WITH SERVICE PROVIDER AS REQUIRED TO MAINTAIN CONNECTIVITY TO EXISTING BUILDING. COORDINATE TERMINATION LOCATIONS WITH SERVICE PROVIDER AND EXISTING AERIAL FIBER CABLING. EXTEND AND RELOCATE EXISTING SERVICES FROM ROUTE 73 VIA NEW DUCTBANK TO SSB.

T119 CONSOLIDATE DATA FOR STAFF AND PATIENT PARKING AREA INTO MANHOLE MH-006.

T120 ALL CABLING DATA TO BE INSTALLED VIA SPLICE CASE IN MANHOLE TO FACILITATE TRANSITION OF CONNECTIVITY TO NEW HOSPITAL PRIOR TO DEMOLITION OF EXISTING HOSPITAL.

T126 COORDINATE LOCATION WITH OWNER AND SECURITY PLANS PRIOR TO FINAL INSTALLATION. TERMINATE IN SSB TELECOM ROOM.

T128 TERMINATE CONDUITS AT MANHOLE MH-006. ROUGH-IN CABLING TO PUMP HOUSE IDF.

T130 DATA FOR STANCHION MOUNTED EMERGENCY BLUE PHONE WITH MOUNTING ARM FOR 360 CAMERA AND INTEGRATED PTZ CAMERA. CONTRACTOR TO PROVIDE AND INSTALL COMPOSITE CABLE AS PART OF A POE EXTENDER SYSTEM PER DIVISION 27 SPECIFICATIONS SECTION 271500 2.7 - 2.10. PROVIDE (1) 2" CONDUIT AS REQUIRED FROM CST STUBBED DIRECTLY INTO NEAREST TELECOM ROOM IN NEW HOSPITAL. PROVIDE HANDHOLE FOR CABLE ACCESS EVERY 300' OR EVERY 180 DEGREE OF BEND.

INDIAN HEALTH SERVICE · IHS · 1955 · DEPARTMENT OF HEALTH & HUMAN SERVICES, USA

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

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ISSUED FOR	DATE
BID ADDENDUM-E	28MAY26
BID ADDENDUM-D	20MAY26
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
David Glenn
BICSI ID # 259167
EXPIRES 12-31-29
RCDD

ICT SITE PLAN - PHASE 1 - AREA 1

Drawn By: Vollmer Checked By: Foster

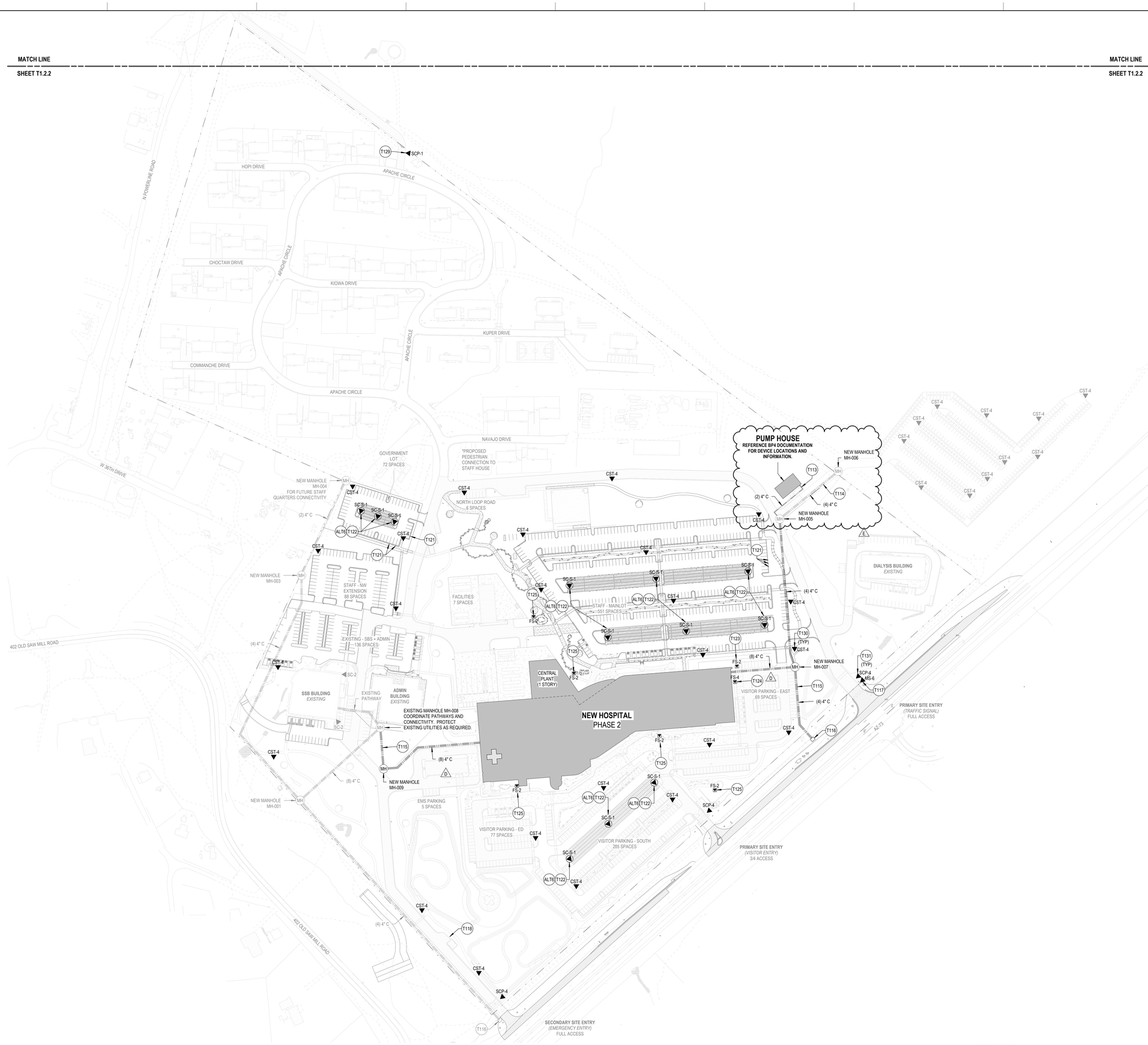
14904

PROJECT NUMBER

CD **T1.1.1**

SHEET NUMBER

Plot Date: 5/27/2026 4:26:30 PM Vollmer



ICT SITE PLAN - PHASE 2 - AREA 1

SCALE: 1" = 100'-0"

GENERAL SHEET NOTES

A. REFER TO CIVIL AND ELECTRICAL SITE UTILITY DRAWINGS FOR PATHWAYS SERVING OUTSIDE PLANT COMMUNICATIONS CABLING AND OTHER SITE RELATED EXTERIOR ICT DEVICES.
B. CONTRACTOR TO FIELD VERIFY PATHWAYS AND SITE CONDITIONS.
C. CONTACTOR TO CONFIRM NEW CONNECTIVY FROM SSB TO EXISTING HOSPITAL IS TESTED AND OPERATIONAL PRIOR TO DEMOLITION AND NEW SITE WORK ASSOCIATED WITH NEW HOSPITAL.
D. CONDUIT ROUTING, MANHOLES AND HANDHOLES ARE SHOWN FOR COORDINATION PURPOSES ONLY. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS AND COORDINATE WITH OTHER UTILITIES AS REQUIRED AND PROVIDE ADDITIONAL MANHOLES AND/OR HANDHOLES AS REQUIRED PER THE PROJECT STANDARDS AND TELECOMMUNICATIONS BEST PRACTICES.
E. ALL SITE CONDUITS AND PATHWAYS SHALL BE IN CONCRETE ENCASED DUCTBANK.
F. CONTRACTROR IS RESPONSIBLE FOR MAINTAINING CONNECTIVITY TO EXISTING HOSPITAL THROUGHOUT CONSTRUCTION.

SHEET KEYNOTES

ALT6	ADD OPTION 06: PV SYSTEM
T113	PROVIDE AND INSTALL 12-STRANDS SMFO AND 25-PAIR COPPER FROM NEW HOSPITAL TO PUMP HOUSE.
T114	PROVIDE AND INSTALL 12-STRANDS SMFO AND 25-PAIR COPPER FROM NEW HOSPITAL, COIL AND PROTECT FOR FUTURE SPLICING TO SUPPORT FUTURE MOB.
T115	COORDINATE WITH SERVICE PROVIDER AS REQUIRED TO MAINTAIN CONNECTIVITY TO EXISTING BUILDING. COORDINATE TERMINATION LOCATIONS WITH SERVICE PROVIDER AND EXISTING AERIAL FIBER CABLING. EXTEND AND RELOCATE EXISTING SERVICES FROM ROUTE 73 VIA NEW DUCTBANK TO SSB.
T116	GC TO COORDINATE WITH OWNER AND SERVICE PROVIDER FOR SITE CONNECTIVITY.
T117	DATA FOR LED MONUMENT SIGN. CONTRACTOR TO PROVIDE AND INSTALL COMPOSITE CABLE AS PART OF A POE EXTENDER SYSTEM PER DIVISION 27 SPECIFICATIONS SECTION 271500 2.7 - 2.10. TERMINATE IN NEAREST MDF. REFER TO SIGNAGE DRAWINGS FOR ADDITIONAL INFORMATION.
T118	PROVIDE AND INSTALL 12-STRANDS SMFO AND 25-PAIR COPPER FROM NEW HOSPITAL TO LIFT STATION.
T121	FUTURE EV CHARGING LOCATION. PROVIDE (1) DATA CABLE AT EACH LOCATION. PROVIDE 1-1/2" CONDUIT WITH PULL-STRING. CONDUIT TO STUB-UP INTO CHARGING BOLLARD / PEDESTAL. REFER TO ELECTRICAL SITE PLAN E1.1 FOR EV CHARGING LOCATIONS.
T122	PER ADD OPTION 06, CONTRACTOR TO PROVIDE AND INSTALL VIDEO SURVEILLANCE CAMERAS AS INDICATED ON THE PLANS IF ALTERNATE IS ACCEPTED. IF ALTERNATE IS NOT ACCEPTED, CONTRACTOR SHALL PROVIDE AND INSTALL EMERGENCY HELP POINTS IN THE CURRENTLY DESIGNED CAMERA LOCATIONS. EMERGENCY HELP POINTS IN THESE LOCATIONS WILL BE IDENTICAL TO THE OTHERS ON THE SITE.
T123	LOCATION FOR WIRELESS NETWORK BOLLARD COORDINATE WITH EQUIPMENT PROVIDER. REFER TO SPECIFICATION 271500 SECTION 2.4 FOR BOLLARD INFORMATION.
T124	CONDUIT STUB UP TO NEMA RATED ENCLOSURE, TERMINATE 4-PORT FACEPLATE INSIDE.
T125	DATA RESERVED FOR FOUNTAIN SYSTEM VAULT. COORDINATE FINAL LOCATION AND REQUIREMENTS WITH FOUNTAIN CONTROL SYSTEM.
T129	DATA FOR LICENSE PLATE RECOGNITION CAMERA AND VIDEO INTERCOM, CONTRACTOR TO PROVIDE AND INSTALL COMPOSITE CABLE AS PART OF A POE EXTENDER SYSTEM PER DIVISION 27 SPECIFICATIONS SECTION 271500 2.7 - 2.10. PROVIDE (1) 2" CONDUIT AS REQUIRED FROM DEVICE DIRECTLY INTO NEAREST TELECOM ROOM. PROVIDE HANDHOLE FOR CABLE ACCESS EVERY 300' OR EVERY 180 DEGREE OF BEND. CARD READER CABLING MAY SHARE PATHWAYS AS REQUIRED. REFERENCE DIVISION 28 FOR CABLING SPECIFICATIONS.
T130	DATA FOR STANCHION MOUNTED EMERGENCY BLUE PHONE WITH MOUNTING ARM FOR 360 CAMERA AND INTEGRATED PTZ CAMERA. CONTRACTOR TO PROVIDE AND INSTALL COMPOSITE CABLE AS PART OF A POE EXTENDER SYSTEM PER DIVISION 27 SPECIFICATIONS SECTION 271500 2.7 - 2.10. PROVIDE (1) 2" CONDUIT AS REQUIRED FROM CST STUBBED DIRECTLY INTO NEAREST TELECOM ROOM IN NEW HOSPITAL. PROVIDE HANDHOLE FOR CABLE ACCESS EVERY 300' OR EVERY 180 DEGREE OF BEND.
T131	DATA FOR LICENSE PLATE RECOGNITION CAMERA AND SECURITY CAMERA MOUNTED TO 12' POLE. CONTRACTOR TO PROVIDE AND INSTALL COMPOSITE CABLE AS PART OF A POE EXTENDER SYSTEM PER DIVISION 27 SPECIFICATIONS SECTION 271500 2.7 - 2.10. PROVIDE (1) 2" CONDUIT AS REQUIRED FROM LPR STUBBED DIRECTLY INTO NEAREST TELECOM ROOM IN NEW HOSPITAL. PROVIDE HANDHOLE FOR CABLE ACCESS EVERY 300' OR EVERY 180 DEGREE OF BEND. REFER TO TY SERIES DRAWING FOR ADDITIONAL INFORMATION.

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

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ISSUED FOR	DATE
BID ADDENDUM-E	28MAY26
BID ADDENDUM-D	20MAY26
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
David Glenn
BICSI ID # 259167
EXPIRES 12-31-29
RCDD

ICT SITE PLAN - PHASE 2 - AREA 1

Drawn By: Vollmer Checked By: Foster

14904

PROJECT NUMBER

CD

SHEET NUMBER

T1.2.1

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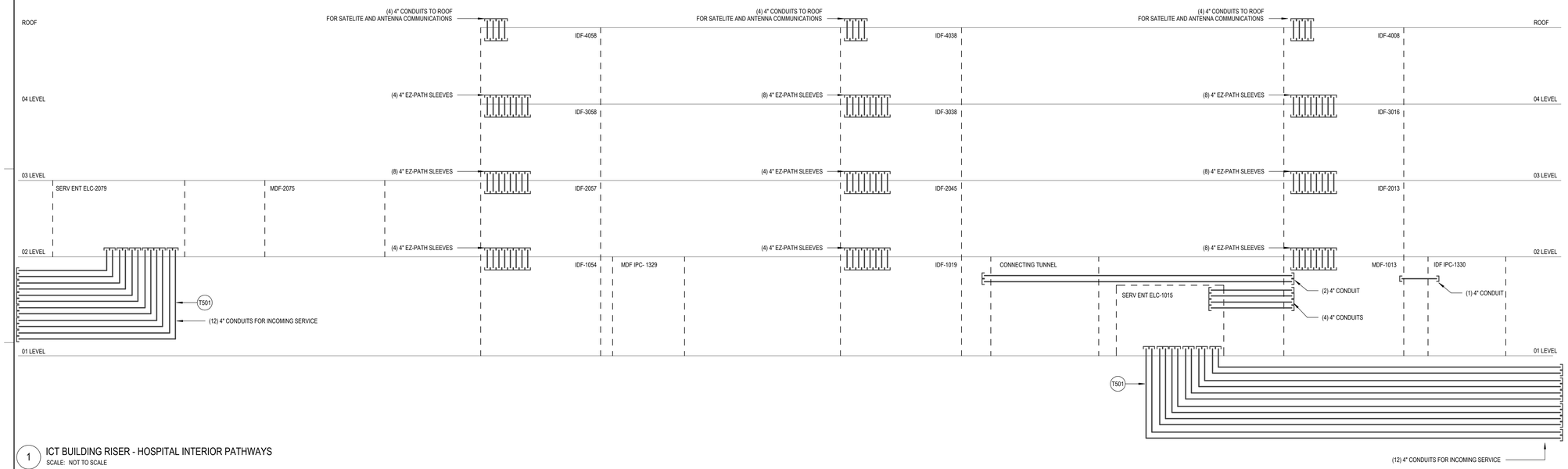

1 ICT BUILDING RISER - HOSPITAL INTERIOR PATHWAYS
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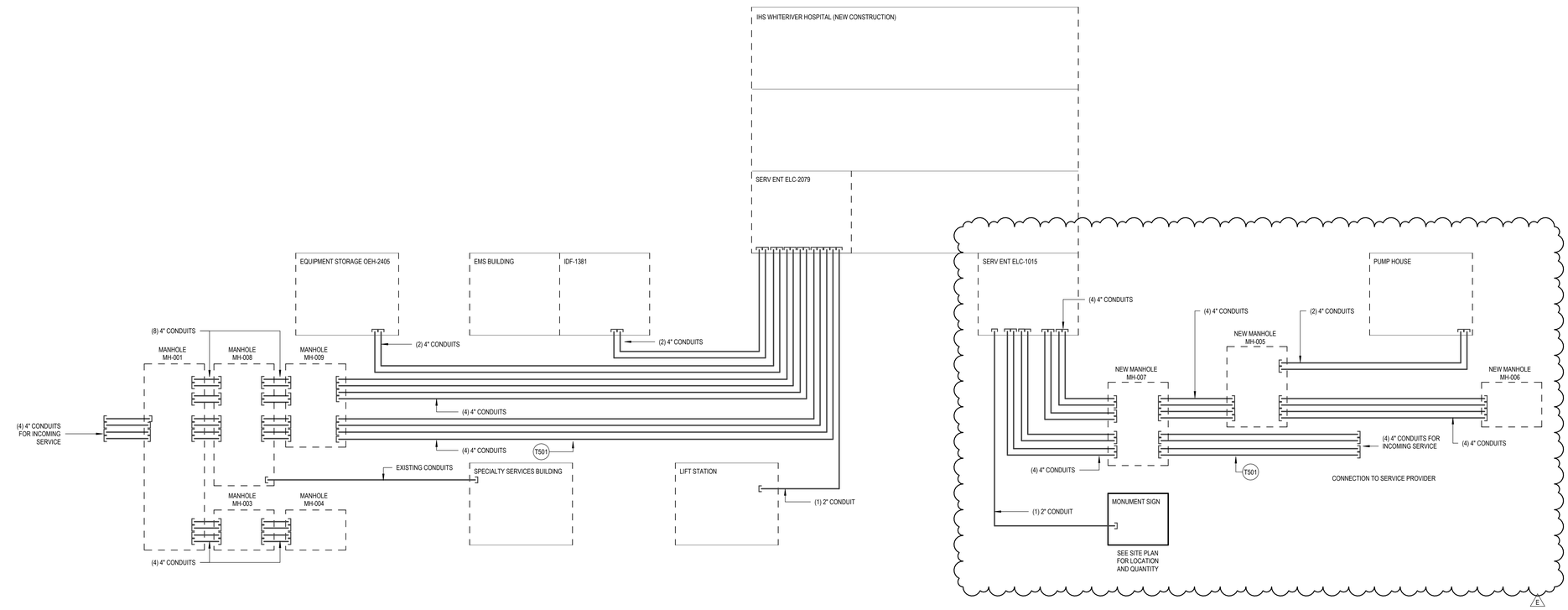

2 ICT BUILDING RISER - SITE PATHWAYS
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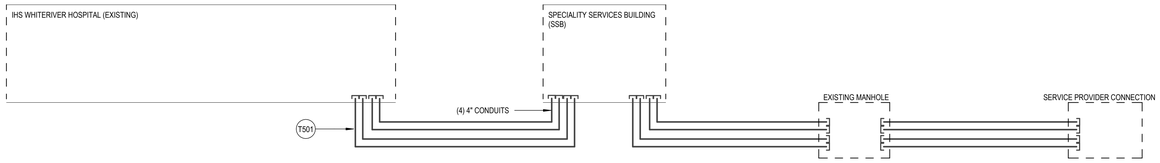

3 ICT BUILDING RISER - SITE PATHWAYS OF EXISTING HOSPITAL
SCALE: NOT TO SCALE

GENERAL SHEET NOTES

A. REFER TO ICT SITE PLAN AND CIVIL SITE PLAN FOR OUTSIDE PLANT PATHWAY INFORMATION AND ROUTING.
B. BUILDING RISERS ARE FOR DIAGRAMMATIC PURPOSES. CONTRACTOR TO VERIFY PATHWAYS AND ROUTE IN FIELD.
C. PER RISER DIAGRAM CONTRACTOR SHALL RUN FIBER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
D. PER RISER DIAGRAM CONTRACTOR SHALL RUN COPPER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
E. SYSTEMS RISER DIAGRAMS ARE DIAGRAMMATICAL AND REPRESENTATIVE OF THE INTERCONNECTIVITY OF DEVICES WITHIN EACH SYSTEM. FOR INTEGRATION WITH OTHER SYSTEMS, REFERENCE SYSTEMS INTEGRATION MATRIX AND INDIVIDUAL SPECIFICATIONS IN DIVISIONS 27 AND 28 FOR MORE INFORMATION.
F. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR MANHOLE DETAILS.

SHEET KEYNOTES

T501 REFER TO SPECIFICATION 270528 SECTION 2.12 FOR INNERDUCT INFORMATION, TYP.

ICT SYMBOLS

ICT BUILDING RISER COMPONENTS

TGB	TELECOM GROUNDING BUS BAR, WALL MOUNT
TMGB	TELECOM MAIN GROUNDING BUS BAR, WALL MOUNT
CABLE PROTECTION	LIGHTING - PROTECTION BLOCK, WALL MOUNT
#	66/110 - STYLE PUNCHDOWN BLOCK, WALL MOUNT
COPPER	COPPER PATCH PANEL, RACK MOUNT
CATV	CATV HEAD END EQUIPMENT
CATV TAP	CATV TAP
OPTICAL FIBER	OPTICAL FIBER PATCH PANEL, RACK MOUNT
	CABLE PATHWAY (SEE DRAWINGS FOR INFORMATION ON PATHWAY TYPE)

ALL ABBREVIATIONS, SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED

IHS Whiteriver Hospital

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Whiteriver, Arizona, 85941

IHS Project #: 131445
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FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

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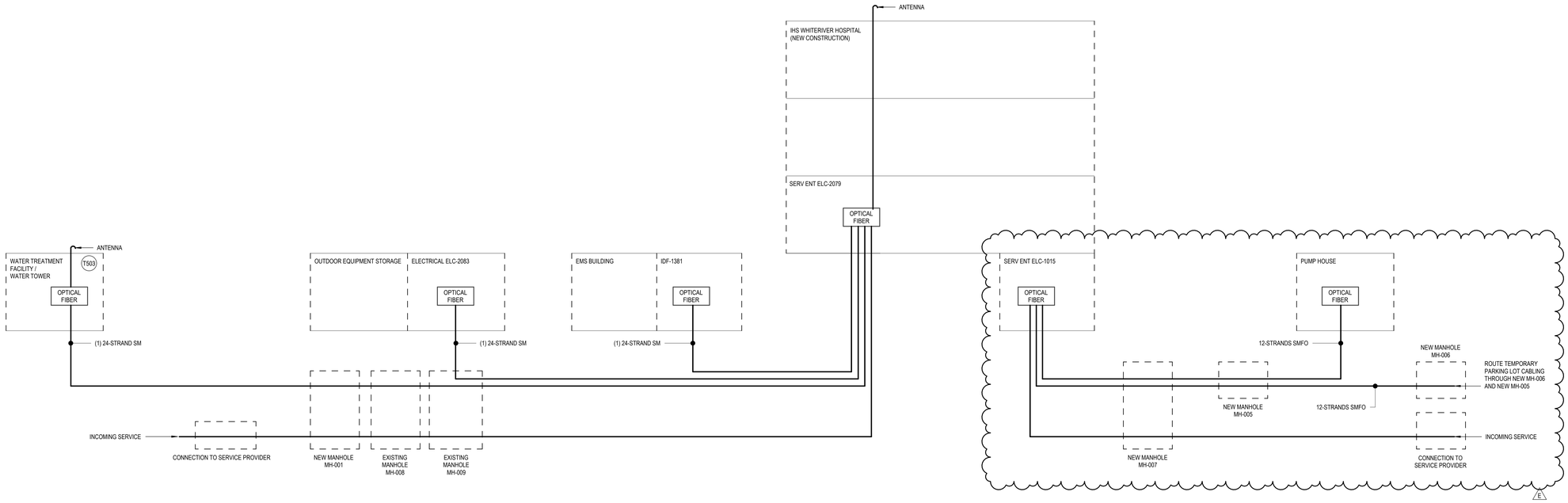
BICSI ID # 259167
EXPIRES 12-31-29
RCDD

ICT BUILDING RISER

Drawn By: Vollmer
Checked By: Foster
14904

PROJECT NUMBER
CD
T5.0
SHEET NUMBER

Plot Date: 5/27/2026 4:58:20 PM Vollmer



1 ICT BUILDING RISER - FIBER SITE
SCALE: NOT TO SCALE

GENERAL SHEET NOTES

A. REFER TO ICT SITE PLAN AND CIVIL SITE PLAN FOR OUTSIDE PLANT PATHWAY INFORMATION AND ROUTING.
B. BUILDING RISERS ARE FOR DIAGRAMMATIC PURPOSES. CONTRACTOR TO VERIFY PATHWAYS AND ROUTE IN FIELD.
C. PER RISER DIAGRAM CONTRACTOR SHALL RUN FIBER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
D. PER RISER DIAGRAM CONTRACTOR SHALL RUN COPPER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
E. SYSTEMS RISER DIAGRAMS ARE DIAGRAMMATICAL AND REPRESENTATIVE OF THE INTERCONNECTIVITY OF DEVICES WITHIN EACH SYSTEM. FOR INTEGRATION WITH OTHER SYSTEMS, REFERENCE SYSTEMS INTEGRATION MATRIX AND INDIVIDUAL SPECIFICATIONS IN DIVISIONS 27 AND 28 FOR MORE INFORMATION.
F. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR MANHOLE DETAILS.

SHEET KEYNOTES

T503 WASTE WATER TREATMENT PLANT TO BE CONNECTED TO HOSPITAL CAMPUS VIA 60 GHZ MMWAVE RADIO.

ICT SYMBOLS

ICT BUILDING RISER COMPONENTS

TGB	TELECOM GROUNDING BUS BAR, WALL MOUNT
TMGB	TELECOM MAIN GROUNDING BUS BAR, WALL MOUNT
CABLE PROTECTION	LIGHTING - PROTECTION BLOCK, WALL MOUNT
#	66/110 - STYLE PUNCHDOWN BLOCK, WALL MOUNT
COPPER	COPPER PATCH PANEL, RACK MOUNT
CATV	CATV HEAD END EQUIPMENT
CATV TAP	CATV TAP
OPTICAL FIBER	OPTICAL FIBER PATCH PANEL, RACK MOUNT
	CABLE PATHWAY (SEE DRAWINGS FOR INFORMATION ON PATHWAY TYPE)

ALL ABBREVIATIONS, SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED

INDIAN HEALTH SERVICE · PHS · 1955 · DEPARTMENT OF HEALTH & HUMAN SERVICES, USA

IHS Whiteriver Hospital

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David Glenn
BICSI ID # 259167
EXPIRES 12-31-29
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ICT BUILDING RISER

Drawn By: Vollmer
Checked By: Foster

PROJECT NUMBER 14904

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SHEET NUMBER **T5.2**

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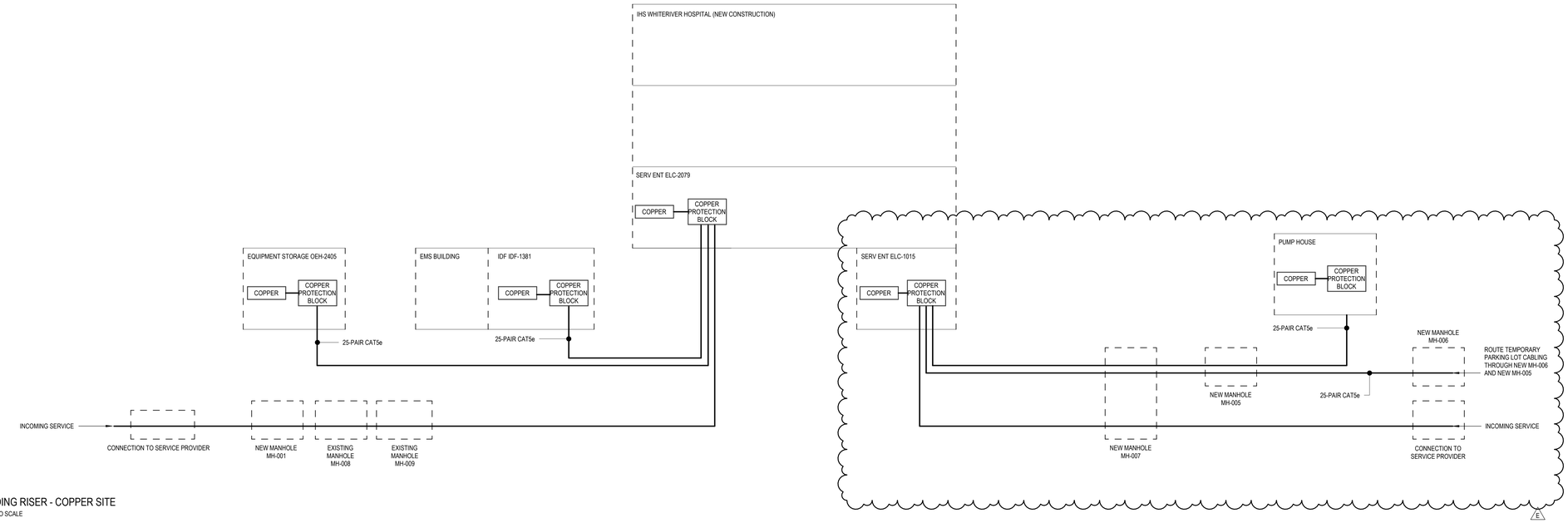

1 ICT BUILDING RISER - COPPER SITE
SCALE: NOT TO SCALE

GENERAL SHEET NOTES

A. REFER TO ICT SITE PLAN AND CIVIL SITE PLAN FOR OUTSIDE PLANT PATHWAY INFORMATION AND ROUTING.
B. BUILDING RISERS ARE FOR DIAGRAMMATIC PURPOSES. CONTRACTOR TO VERIFY PATHWAYS AND ROUTE IN FIELD.
C. PER RISER DIAGRAM CONTRACTOR SHALL RUN FIBER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
D. PER RISER DIAGRAM CONTRACTOR SHALL RUN COPPER BACKBONE CABLING CONNECTING MDF TO MDF ROOMS IN A REDUNDANT AND DIVERSE PATHWAY SYSTEM. THIS CABLING SHALL NOT SHARE PATHWAYS.
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F. REFER TO CIVIL AND ELECTRICAL DRAWINGS FOR MANHOLE DETAILS.

SHEET KEYNOTES

ICT SYMBOLS

ICT BUILDING RISER COMPONENTS

TGB	TELECOM GROUNDING BUS BAR, WALL MOUNT
TMGB	TELECOM MAIN GROUNDING BUS BAR, WALL MOUNT
CABLE PROTECTION	LIGHTING - PROTECTION BLOCK, WALL MOUNT
#	66/110 - STYLE PUNCHDOWN BLOCK, WALL MOUNT
COPPER	COPPER PATCH PANEL, RACK MOUNT
CATV	CATV HEAD END EQUIPMENT
CATV TAP	CATV TAP
OPTICAL FIBER	OPTICAL FIBER PATCH PANEL, RACK MOUNT
	CABLE PATHWAY (SEE DRAWINGS FOR INFORMATION ON PATHWAY TYPE)

ALL ABBREVIATIONS, SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

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ISSUED FOR	DATE
BID ADDENDUM-E	28MAY26
FINAL CONSTRUCTION DOCUMENTS	05MAR26

SEALS AND SIGNATURES

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
David Glenn
BICSI ID # 259167
EXPIRES 12-31-29
RCDD

ICT BUILDING RISER

Drawn By: Vollmer
Checked By: Foster

PROJECT NUMBER 14904

CD

SHEET NUMBER **T5.4**

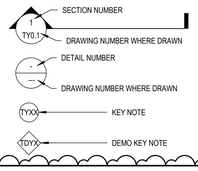
Plot Date: 5/27/2026 4:58:24 PM Vollmer

SECURITY SYSTEMS ABBREVIATIONS

#	NUMBER
+ 8"	MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE ABOVE FINISHED FLOOR OR FINISHED GRADE
(A)	
A	AMPERES
AC	ALTERNATING CURRENT
ADA	AMERICAN WITH DISABILITIES ACT
ADJ	ADJACENT
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFS	ABOVE FINISHED SLAB
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ARCH	ARCHITECT
AUX	AUXILIARY
AV	AUDIOVISUAL
AVC	AUDIOVISUAL CONTRACTOR
AWG	AMERICAN WIRE GAUGE
(B)	
B	BURIED
BLDG	BUILDING
BET	BUILDING ENTRANCE TERMINAL
BD	BLACK DROP
(C)	
C	CONDUIT
CA	CABLE
CAB	CABINET
CH	CASE HEIGHT
CW	CASE WIDTH
CD	CASE DEPTH
CAT	CATALOG
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CL	CENTERLINE
CLG	CEILING
COAX	COAXIAL CABLING
COMM	COMMUNICATIONS
(D)	
D	DEPTH
DC	DIRECT CURRENT
DIST	DISTRIBUTION
DIV	DIVISION
DN	DOWN
DWG(S)	DRAWING(S)
DWGS	DRAWINGS
(E)	
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EC	ELECTRICAL CONTRACTOR
EF	ENTRANCE FACILITY
EST	ESTIMATE
EQ	EQUIPMENT
(E), E, EX, EXIST	EXISTING
ESS	ELECTRONIC SECURITY SYSTEMS
(F)	
FACP	FIRE ALARM CONTROL PANEL
FC	FOOT CANDLE
FLR	FLOOR
FPD	FLAT PANEL DISPLAY
FT	FOOT/FEET (')
FURN	FURNITURE
(G)	
GC	GENERAL CONTRACTOR
GND	GROUND
GRC	GALVANIZED RIGID CONDUIT
(H)	
HH	HANDHOLE
HT	HEIGHT
(I)	
ICT	INFORMATION AND COMMUNICATIONS TECHNOLOGY
IN	INCH/INCHES (")
IW	IMAGE WIDTH
IH	IMAGE HEIGHT
IHAF	IMAGE HEIGHT ABOVE FINISHED FLOOR
(J)	
JB	JUNCTION BOX
(K)	
KO	KNOCK OUT
(L)	
L	LENGTH, LONG
LAN	LOCAL AREA NETWORK
LV	LOW VOLTAGE (BELOW 50 VOLTS)
(M)	
MH	MANHOLE
MIC	MICROPHONE
MTR	MOTOR
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTG	MOUNTING
MTR	MAIN TELECOMMUNICATIONS ROOM
(N)	
NA	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NO., NUM. #	NUMBER
NTS	NOT TO SCALE
(O)	
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OPS	OUTSIDE PLANT
(P)	
PA	PUBLIC ADDRESS
PB	PULL BOX
PS	POWER SUPPLY
PRJ	PROJECTOR
PRS	PROJECTION SCREEN
PWR	POWER
(Q)	
QTY	QUANTITY
(R)	
REQ'D	REQUIRED
RF	RADIO FREQUENCY
RFID	RADIO FREQUENCY IDENTIFICATION
RSC	RIGID STEEL CONDUIT
RE, (R)	RELOCATE AS SHOWN
(S)	
SC	SECURITY CONTRACTOR
SCH, SCHED	SCHEDULE
SF	SQUARE FOOT
STP	SHIELDED TWISTED PAIR
SPEC(S)	SPECIFICATION(S)
STD	STANDARD
(T)	
TCC	TELECOMMUNICATIONS CABLE CONTRACTOR
TBD	TO BE DETERMINED
TELECOM	TELECOMMUNICATIONS
TYP	TYPICAL
TR	TELECOMMUNICATIONS ROOM
(U)	
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
(V)	
V	VOLTS
(W)	
W/	WITH
W/O	WITHOUT
WP	WEATHERPROOF
WT	WEIGHT

ALL ABBREVIATIONS, SYMBOLS AND LEGENDS SHOWN ON THIS DRAWING ARE NOT NECESSARILY USED.

REFERENCE SYMBOLS



SECURITY CONTRACTOR RESPONSIBILITY MATRIX

REFERENCE DESIGN BINDER 4 IHS WHITERIVER TECHNOLOGY SCOPE RESPONSIBILITY MATRIX.

E

SECURITY SYSTEM SYMBOLS

SECURITY SYMBOL KEY

- CEILING MOUNT CAMERA
- WALL OR POLE MOUNTED CAMERA
- XX — SECURITY DEVICE TYPE
- WALL MOUNT DEVICE
- CEILING MOUNT DEVICE
- ### C# — CAMERA ID #
- ### # — DEVICE ID #

SECURITY CAMERAS

PTZ	PTZ	IP CAMERA PAN-TILT-ZOOM
FIX	FIX	IP CAMERA FIXED FOV
180	180	IP CAMERA 180° FOV
270	270	IP CAMERA 270° FOV
360	360	IP CAMERA 360° FOV
DUAL	DUAL	IP CAMERA DUAL FOV 180°
DUAL	DUAL	IP CAMERA DUAL FOV 90°
LPR	LPR	IP CAMERA LICENSE PLATE RECOGNITION
360PTZ	360PTZ	IP CAMERA 360° FOV WITH INTEGRATED PAN-TILT-ZOOM

SECURITY DOOR DEVICES

BMS	BALANCED MAGNETIC SWITCH L-II
BR	BIOMETRIC READER
CR	CARD READER
CRI	CARD READER INTEGRATED LOCKSET
CRKI	CARD READER INTERGRATED LOCKSET WITH KEYPAD
CRK	CARD READER WITH KEYPAD
DC	MONITORED DOOR CONTACT
EL	ELECTRIFIED LOCK CONTROL
FCR	FUTURE CARD READER, ROUGH-IN ONLY
IL	INTERLOCKED DOORS
KP	ARMING KEYPAD
LA	LOCAL ALARM SOUNDER
LPR	LONG RANGE CAMER READER
REX	REQUEST TO EXIT
VTR	VEHICLE TAG READER LONG RANGE

SECURITY DEVICES

ACP	ACCESS CONTROL PANEL
BP	BADGE PRINTER
CS	EMERGENCY CALL STATION - WALL MOUNT
CST	EMERGENCY CALL STATION - TOWER STANCHION
GB	GLASS BREAK DETECTOR - WALL MOUNT
GB	GLASS BREAK DETECTOR - CEILING MOUNT
IC	INTERCOM STATION
ICM	INTERCOM MASTER STATION
IDP	INTRUSION DETECTION PANEL
KB	KNOX BOX
LD	LOCKDOWN BUTTON
LD	LOCKDOWN BUTTON - WALL MOUNT
MD	MOTION DETECTOR - WALL MOUNT
MD	MOTION DETECTOR - CEILING MOUNT
MNS	MASS NOTIFICATION SPEAKER
NVR	NETWORK VIDEO RECORDER
PB	PANIC BUTTON
PB	PANIC BUTTON - WALL MOUNT
PS	SECURITY POWER SUPPLY
RB	DOOR RELEASE BUTTON
SMS	SECURITY MANAGEMENT SYSTEM SERVER
VI	VIDEO INTERCOM STATION
VIM	VIDEO INTERCOM MASTER STATION
VK	VISITOR MANAGEMENT KIOSK
WS	SECURITY WORKSTATION

SECURITY GENERAL NOTES

A. THE SECURITY DRAWINGS ARE A SUBSET OF THE CONSTRUCTION PACKAGE. REFER TO THE COMPLETE DRAWING PACKAGE AND SPECIFICATIONS TO DETERMINE THE COMPLETE PROJECT SCOPE, GENERAL REQUIREMENTS, PRODUCT SPECIFICATIONS, AND INSTALLATION REQUIREMENTS.
B. THE DRAWINGS REPRESENT THE SECURITY DESIGN INTENT AND ARE SCHEMATIC AND DIAGRAMMATICAL. THE SPECIFICATIONS ESTABLISH MINIMUM PERFORMANCE AND PRODUCT INSTALLATION REQUIREMENTS. PROVIDE NECESSARY EQUIPMENT AND ACCESSORIES FOR FULLY FUNCTIONAL SYSTEMS MEETING DESIGN INTENT AND OWNER REQUIREMENTS WHETHER EXPRESSLY SPECIFIED OR NOT. INSTALLATION METHODS MUST BE CONSISTENT WITH THE DESIGN INTENT, MANUFACTURER RECOMMENDATIONS, AND ALL LOCAL CODES AND REGULATIONS NECESSARY FOR COMPLETE AND OPERATIONAL SECURITY SYSTEMS.
C. THE ARCHITECTURAL DRAWINGS ESTABLISH AND GOVERN THE FINAL FINISHED APPEARANCES AND LOCATION OF THE EXPOSED WORK OF ALL TRADES. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE MOUNTING REQUIREMENTS AND RULES, UON. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
D. COORDINATE THE INSTALLATION OF SECURITY SYSTEMS WITH ALL OTHER TRADES TO AVOID INTERFERENCES WITH PIPING, DUCTWORK, MECHANICAL EQUIPMENT, STRUCTURAL MEMBERS, FURNITURE, AND ALL OTHER GENERAL BUILDING CONSTRUCTION.
E. REFER TO ELECTRICAL DRAWINGS FOR POWER CIRCUIT REQUIREMENTS SERVING THE SECURITY SYSTEMS.
F. PROVIDE FIRESTOPPING AT ALL PENETRATIONS OF FIRE-RATED FLOOR AND WALL ASSEMBLIES. IN ACCORDANCE WITH REQUIREMENTS OF PROJECT FIRESTOPPING SPECIFICATION. ALL BACK BOXES MOUNTED WITHIN FIRE RATED PARTITIONS SHALL MEET THE FIRE RATING OF THE PARTITION, AS REQUIRED BY CODE.

INFRASTRUCTURE NOTES

A. MOUNT SECURITY DEVICES FLUSH TO RECESSED BACK BOX WITH CONCEALED CONDUIT, UON ON THE DRAWINGS.
B. CONDUIT PATHS INDICATED ON DRAWINGS ARE DIAGRAMMATICAL ONLY. CONDUIT ROUTES SHALL FOLLOW THE SHORTEST PATH POSSIBLE WHILE COMPLYING WITH INDUSTRY STANDARDS AND BEST PRACTICES.
C. ROUTE ALL SECURITY DEVICE CONDUITS TO THE NEAREST ACCESSIBLE CEILING TO FACILITATE ROUTING TO TERMINATION LOCATION.
D. ALL CONDUIT RUNS SHALL BE PROVIDED WITH A PULL STRING WITH SEQUENTIAL FOOTAGE MARKING.
E. REAM AND FIT THREADED INSULATION BUSHING ON ALL CONDUIT ENDS.
F. BOND TO GROUND ONE OR BOTH ENDS OF ALL CONDUITS IN ACCORDANCE WITH NATIONAL AND LOCAL REGULATIONS.
G. FLEXIBLE CONDUIT IS NOT ALLOWED, UON.
H. REFER TO SECURITY DETAILS SHEETS FOR DOOR AND DEVICE ROUGH-IN REQUIREMENTS.
I. CONFIRM AND COORDINATE SECURITY ACCESS CONTROL DOOR CONDUIT ROUGH-IN REQUIREMENTS WITH DIV-08 DOOR HARDWARE SPECIFICATION.
J. REFERENCE A0.3 AND A0.4 FOR TYPICAL MOUNTING HEIGHTS AND LOCATIONS IN RELATION TO DOOR FRAMES.
K. REFERENCE T0.1 FOR IP SECURITY DEVICE ROUGH-IN AND INFRASTRUCTURE REQUIREMENTS.

SYMBOL SHEET NOTES

A. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE AND DEFINE TYPICAL GRAPHIC SYMBOLS WHICH MAY TYPICALLY OCCUR ON THE ICT DRAWINGS.
B. THIS SHEET MAY ILLUSTRATE ABBREVIATIONS, SYMBOLS AND LEGENDS WHICH DO NOT OCCUR AS PART OF THIS PROJECT. REFER TO THE DRAWINGS TO DETERMINE WHICH ITEMS APPLY TO THE WORK OF THIS PROJECT.
C. ADDITIONAL SYMBOLS NOT SHOWN OR DEFINED ON THIS SHEET MAY BE USED ON THE ICT DRAWINGS AND ARE TYPICALLY DEFINED ON OTHER SHEETS.
D. SYMBOLS ARE NOT DRAWN TO SCALE. TO DETERMINE THE ACTUAL SIZES OF ELEMENTS REPRESENTED BY SYMBOLS, REFER TO THE SPECIFICATIONS AND OTHER SHEETS, AS MAY APPLY.

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RCDD

SECURITY ABBREVIATIONS AND SYMBOLS

Drawn By: Vollmer
Checked By: Foster

PROJECT NUMBER 14904

CD

SHEET NUMBER **TY0.1**

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