	ABBREVIATIONS		ABBREVIATIONS		ABBREVIATIONS
AC	ALTERNATING CURRENT	GHz	GIGAHERTZ	PA	PUBLIC ADDRESS
ADA	AMERICANS WITH DISABILITIES ACT	GMP	GUARANTEED MAXIMUM PRICE	PABX	PRIVATE AUTOMATIC BRANCH EXCHANGE
FF	ABOVE FINISHED FLOOR	GUI	GRAPHICAL USER INTERFACE	PBX	PRIVATE BRANCH EXCHANGE
FG	ABOVE FINISHED GRADE	HC	HORIZONTAL CROSS-CONNECT	PCI	PAYMENT CARD INDUSTRY
HU	AIR HANDLING UNIT	HD	HIGH DEFINITION	PE	POLYETHYLENE
LD	ASSISTED LISTENING DEVICE	HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE	PH	PHASE
LPETH	ALUMINUM POLYETHYLENE	HVAC	HEATING, VENTILATING, AND AIR-CONDITIONING	POTS	PLAIN OLD TELEPHONE SERVICE
LS	ASSISTED LISTENING SYSTEM	Hz	HERTZ	PR	PAIRS
LT	ALTERNATE	IC	INTERMEDIATE CROSS-CONNECT	PRI	PRIMARY RATE INTERFACE (ISDN)
MP, A	AMPERE	ID	INSIDE DIAMETER	PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
NSI	AMERICAN NATIONAL STANDARDS INSTITUTE	IDF	INTERMEDIATE DISTRIBUTION FRAME	PROX	PROXIMITY
NT	ANTENNA	IEC	INTERNATIONAL ELECTROTECHNICAL COMMISSION	PTZ	PAN TILT ZOOM CAMERA
rsc	ADVANCED TELEVSION SYSTEMS COMMITTEE (DIGITAL TELEVISION SIGNAL)	IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.	PVC	POLYVINYL CHLORIDE
JX	AUXILIARY	 IF	INTERFACE	PWR	POWER
JDIO	MICROPHONE OR LINE LEVEL BALANCED SIGNAL	IG	ISOLATED GROUND	RCDD	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
/	AUDIO VIDEO	IMC	INTERMEDIATE GRADE METALLIC CONDUIT	RF	RADIO FREQUENCY SIGNAL
vG	AMERICAN WIRE GAUGE	IP	INTERNET PROTOCOL (ETHERNET)	RGBHV	HIGH RESOLUTION ANALOG VIDEO
AS	BUILDING AUTOMATION SYSTEM	IR	INFRARED SIGNAL	RGS	RIGID GALVANIZED STEEL
:C	BELOW FINISHED CEILING	ISDN	INFRARED SIGNAL INTEGRATED SERVICES DIGITAL NETWORK	RH	RELATIVE HUMIDITY
G:G	BELOW FINISHED CEILING BELOW FINISHED GRADE	ISO	INTEGRATED SERVICES DIGITAL NETWORK INTERNATIONAL ORGANIZATION OF STANDARDS	RMC	RIGID METALLIC CONDUIT
CSI	BUILDING INDUSTRY CONSULTING	J-BOX	JUNCTION BOX	RNC	RIGID NON-METALLIC CABLE
201	SERVICES INTERNATIONAL	kb	KILOBIT	RS-232	BI-DIRECTIONAL CONTROL DATA
ИS	BUILDING MANAGEMENT SYSTEM	kbps	KILOBIT PER SECOND		STREAM (RS-232/RS-422/RS485)
રા	BASIC RATE INTERFACE (ISDN)	kcmil	THOUSANDS OF CIRCULAR MILLS	RX	RECEIVE
	CONDUIT	kHz	KILOHERTZ	SMFO	SINGLE-MODE FIBER OPTIC
ATV	COMMUNITY ANTENNA TV (CABLE TV)	km	KILOMETER	SMPOE	SECONDARY MAIN POINT OF ENTRY
C	CONTACT CLOSURE	kVA	KILOVOLT AMPERES	SP	SERVICE PROVIDER
MР	COMMUNICATIONS PLENUM CABLE	kW	KILOWATT	SPEAKE	SPEAKER LEVEL SIGNAL
ИR	COMMUNICATIONS RISER CABLE	kWh	KILOWATT-HOURS	SPL	SOUND PRESSURE LEVEL
)	CENTRAL OFFICE	LAN	LOCAL AREA NETWORK	STEREO	A BALANCED 2 CHANNEL AUDIO SIGNAL
XAC	COAXIAL	LED	LIGHT-EMITTING DIODE	STI-PA	SPEECH INTELLIGIBILITY INDEX - PUBLIC ADDR
ODEC	CODER / DECODER	LEC	LOCAL EXCHANGE CARRIER (OR SP)	STP	SHIELDED TWISTED PAIR
SI	CONSTRUCTION SPECIFICATIONS INSTITUTE	LFC	LIQUID TIGHT FLEXIBLE CONDUIT	SW	SWITCH
AS	DISTRIBUTED ANTENNA SYSTEM	LUMEN	LUMINOUS FLUX (PROJECTOR BRIGHTNESS)	ТВВ	TELECOMMUNICATIONS BONDING BACKBONE
3	DECIBEL	LV	LOW VOLTAGE	TCP	TRANSMISSION CONTROL PROTOCOL
	DIRECT CURRENT	LVC	LOW VOLTAGE CONTROL INTERFACE	TCP/IP	TRANSMISSION CONTROL PROTOCOL WITH INTERNET PROTOCOL
EMARC	DEMARCATION	M	METER	TDD	TELECOMMUNICATIONS DEVICE FOR THE DEA
ISC	DISCONNECT	 mA	MILLIAMPERE	TDR	TIME DOMAIN REFLECTOMETER
М	DIGITAL MEDIA SIGNAL	MAG	MAGNETIC	TDR	TELECOM DEMARC ROOM
MP	DIGITAL MEDIA PLAYER	 MB	MEGABYTE	TEL	TELEPHONE
Р	DISPLAYPORT	Mbps	MEGABITS PER SECOND	TELCO	TELEPHONE COMPANY (SP)
SL	DIGITAL SUBSCRIBER LINE	MC	MAIN CROSS-CONNECT	TGB	TELECOMMUNICATIONS GROUND BUS BAR
SP	DIGITAL SIGNAL PROCESSOR	MDF	MAIN DISTRIBUTION FRAME	TIA	TELECOMMUNICATIONS INDUSTRY ASSOCIATE
SS	DIGITAL SATELLITE SIGNAL	MECH	MECHANICAL	TMGB	TELECOMMUNICATIONS MAIN GROUND BUS BA
/I-D	DIGITAL VISUAL INTERFACE-DIGITAL	MFR	MANUFACTURER	TP	TOUCH PANEL (CONTROL SYSTEM)
/I-I	DIGITAL VISUAL INTERFACE-INTEGRATED	MHz	MEGAHERTZ	TR	TELECOMMUNICATIONS ROOM
WG	DRAWING	mm	MILLIMETER	TTB	TELEPHONE TERMINAL BOARD
3C	EQUIPMENT BONDING CONDUCTOR	MMFO	MULTI-MODE FIBER OPTIC	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
A	ELECTRONICS INDUSTRY ALLIANCE	MNS	MASS NOTIFICATION SYSTEM	UBS	UNIFORM BUILDING CODE
.EC	ELECTRIC OR ELECTRICAL	MPOE	MAIN POINT OF ENTRY	UC	UNDER COUNTER
_EV	ELEVATOR	MPOP	MINIMUM POINT OF PRESENCE	UG	UNDERGROUND
ИС	ELECTROMAGNETIC COMPATIBILITY	MTR	MAIN TELECOM ROOM	UNO	UNLESS NOTED OTHERWISE
ЛΙ	ELECTROMAGNETIC INTERFERENCE	NEC	NATIONAL ELECTRIC CODE	UPS	UNINTERRUPTIBLE POWER SUPPLY
ΛT	ELECTRIC METALLIC TUBING	NEMA	NATIONAL ELECTRICAL	USB	UNIVERSAL SERIAL BUS
1G	ELECTRONIC NEWS GATHERING		MANUFACTURERS ASSOCIATION	UTP	UNSHIELDED TWISTED PAIR
(EXISTING	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	V	VOLTAGE
١	FIRE ALARM	NIC	NETWORK INTERFACE CARD	VC	VOLUME CONTROL
A	FEDERAL AVIATION ADMINISTRATION	NID	NETWORK INTERFACE DEVICE	VGA	VIDEO GRAPHIC ARRAY (ANALOG
CP	FIRE ALARM CONTROL PANEL	NIT	1 CANDELA PER SQUARE METER (FLAT		COMPUTER SIGNAL, SEE ALSO RGBHV)
EX	FLEXIBLE	n me	PANEL BRIGHTNESS)	VM	VOLTMETER
1	FREQUENCY MODULATION	nm	NANOMETER NOT TO SCALE	VTC	VIDEO TELECONFERENCE SYSTEM
	FIBER OPTIC	NTS	NOT TO SCALE	w	WATT
•	FLAT PANEL (VIDEO DISPLAY)	OC	ON CENTER	WAN	WIDE AREA NETWORK
Р	FILE TRANSFER PROTOCOL	OD	OUTSIDE DIAMETER	WATS	WIDE AREA TELECOMMUNICATIONS SERVICE
A	GAUGE	OEM	ORIGINAL EQUIPMENT MANUFACTURER	WLAN	WIRELESS LOCAL AREA NETWORK (WIFI)
ALV	GALVANIZED	OFE	OWNER FURNISHED EQUIPMENT	WM	WIRELESS MICROPHONE
3	GIGABYTE	os	OPERATING SYSTEM	WP	WEATHER PROOF
PS	GIGABITS PER SECOND	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION	WT	WATERTIGHT
;	GENERAL CONTRACTOR	OSP	OUTSIDE PLANT	XFMR	TRANSFORMER
EN	GENERATOR	OTDB	ODTICAL TIME DOMAIN BEELECTOMETER	XP	EXPLOSION PROOF

OTDR

OPTICAL TIME DOMAIN REFLECTOMETER

GROUND FAULT CIRCUIT INTERRUPTER

GFCI

GENERAL TECHNOLOGY SYSTEM REQUIREMENTS:

- 1. HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. ALL DEVICE OUTLETS SHALL BE MOUNTED VERTICALLY.
- 2. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER
- 3. ALL DEVICES INDICATED TO BE INSTALLED AT DIFFERENT MOUNTING HEIGHTS AND LOCATED WITHIN ONE STUD SPACE FROM EACH OTHER SHALL ALIGN VERTICALLY, ON THE SAME SIDE OF THE STUD. WHERE WALL MOUNTED TELEPHONES OCCUR OVER LIGHT SWITCHES, VOLUME CONTROLS, ETC. OFFSET ONE STUD SPACE.
- 4. ALL EXPOSED RACEWAYS SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO WALLS OR STRUCTURAL MEMBERS SUCH THAT THEY FOLLOW STRUCTURAL SURFACE CONTOURS AND SHALL BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT PASSAGEWAYS. MULTIPLE RACEWAYS SHOULD BE INSTALLED GROUPED TOGETHER. THE LOCATION OF THESE RACEWAYS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. (EXTRA TIME SHOULD BE ALLOWED FOR THIS REVIEW AND APPROVAL).
- 5. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN POURED CONCRETE MASONRY, AND GYP WALLS.
- 6. DATA GIVEN ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED. ABSOLUTE ACCURACY IS NOT GUARANTEED AND THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS WITH OTHER TRADES,ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO ACTUAL CONDITIONS AT THE BUILDINGS.THE DRAWINGS ARE DIAGRAMMATICAL IN NATURE AND SHALL NOT BE SCALED.HOWEVER THIS DOES NOT RELIEVE ANY SUB-CONTRACTOR FROM COORDINATING HIS WORK WITH ALL OTHER TRADES AND FROM ADJUSTING HIS WORK AS REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING A BID TO BECOME THOROUGHLY FAMILIAR WITH THE ACTUAL CONDITIONS OF THE PROJECT.
- 7. COORDINATE AND ADJUST ALL WORK BETWEEN TRADES AND EXISTING CONDITIONS IN ORDER TO ACCOMPLISH A NEAT, INTEGRATED AND EFFICIENT INSTALLATION WHICH INCLUDE BUT IS
- A. EXAMINE THE CONTRACT DOCUMENTS OF ALL TRADES (IE. THE ARCHITECTURAL REFLECTED CEILING PLAN, MECHANICAL HVAC DRAWINGS, ELECTRICAL LIGHTING PLAN, TECHNOLOGY LAN, FIRE PROTECTION PLAN, ETC.)
- B. COORDINATE NECESSARY EQUIPMENT, FIXTURES, ETC. SO THAT THE FINAL INSTALLATION IS COMPATIBLE WITH THE MATERIALS AND EQUIPMENT OF THE OTHER TRADES, C. THIS CONTRACTOR SHALL ASSIST THE DIVISION 21, 22, & 23 CONTRACTOR IN PREPARING SHOP DRAWINGS FOR COORDINATING INSTALLATION OF ALL WORK (IE. LOCATING ALL CEILING CLEARANCES, CABLE TRAY, CLEARANCES THROUGHOUT, ETC.).

8. DEFINITIONS:

9. FUTURE WORK:

EXPLOSION PROOF

NOT LIMITED TO:

THOSE SHOWN ABOVE.

- A. "FURNISH" MEANS TO "SUPPLY" AND USUALLY REFERS TO AN ITEM OF EQUIPMENT.
- B. "INSTALL" MEANS TO "SET IN PLACE, CONNECT AND PLACE IN FULL OPERATIONAL ORDER"
- CH INTELLIGIBILITY INDEX PUBLIC ADDRESS C. "PROVIDE" MEANS TO "FURNISH AND INSTALL".
 - D. "EQUIVALENT"MEANS"MEETS THE SPECIFICATIONS OF THE REFERENCE PRODUCT OR ITEM IN ALL SIGNIFICANT ASPECTS. "SIGNIFICANT ASPECTS SHALL BE DETERMINED BY THE ENGINEER.
 - E. "WORK BY OTHER(S)(CONTRACTOR)": "RE:DIVISION XX", AND SIMILAR EXPRESSIONS MEANS WORK TO BE PERFORMED UNDER THE CONTRACT DOCUMENTS, BUT NOT NECESSARILY UNDER THE DIVISION OR SECTION OF THE WORK ON WHICH THE NOTE APPEARS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO COORDINATE THE WORK OF THE CONTRACT BETWEEN HIS/HER SUPPLIERS, SUBCONTRACTORS, AND EMPLOYEES. IF CLARIFICATION IS REQUIRED, CONSULT ARCHITECT BEFORE SUBMITTING BID.
 - A. THE DRAWINGS AND SPECIFICATIONS MAY INDICATE SOME WORK WHICH IS TO BE PROVIDED THE WORK.THIS WORK GENERALLY FACILITATES THE INSTALLATION OF "TENANT FINISH" WORK OR FOOD SERVICE WORK. IT IS WITHIN THIS DIVISION'S SCOPE OF WORK TO COORDINATE THIS WORK WITH THE WORK OF THE CONTRACTOR PROVIDING THE FUTURE
 - 10. "FIRE STOPPING"REQUIREMENT.ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS AND CONDUIT/SLEEVE OPENINGS SHALL BE SEALED WITH MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES, HOT GASSES AND SMOKE WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC FOR ALL APPLICABLE CODES. 11. REFER TO ARCHITECTURAL DRAWINGS FOR MINIMUM CLEARANCE REQUIREMENTS TO DUCTWORK, CONDUIT, CABLE TRAY. LIGHTING, ETC.
 - 12. ALL COMMUNICATIONS RACEWAY AND PATHWAYS INCLUDING BUT NOT LIMITED TO CONDUIT, SLEEVES, CABLE TRAY, J-HOOKS SHALL BE INSTALLED TO MINIMIZE UNNECESSARY CABLE LENGTHS AND MAINTAIN INDUSTRY STANDARD LENGTH LIMITATIONS FOR HORIZONTAL CABLE DISTRIBUTION (I.E. CAT.5E ANDCAT.6/CAT.6A).NO HORIZONTAL CABLE LENGTH (BASIC LINK) SHALL EXCEED 90 METERS (295 FEET).
 - 13. CONDUIT SLEEVES SHALL BE INSTALLED THROUGH ALL WALLS WHERE CABLING IS ROUTED USING J-HOOKS TO PROVIDE CONTINUOUS UN-OBSTRUCTED PATHWAYS TO NEAREST COMMUNICATIONS ROOMS FROM STATIONS DEVICES.
 - 14. REFER TO AV CONSTRUCTION DOCUMENTS FOR AV CONDUIT REQUIREMENT INCLUDING SIZES, QUANTITIES, AND LOCATIONS.
 - 15. ALL COMMUNICATIONS CONDUIT, CABLE TRAYS, LADDER RACKS, AND EQUIPMENT RACKS SHALL BE BONDED TO BUILDING GROUND SYSTEM PER NEC 250.
 - 16. ALL COMMUNICATION CONDUIT OR SLEEVES ROUTED THROUGH ELECTRICAL ROOMS SHALL BE PHYSICALLY CONTINUOUS AND BONDED TO GROUND SYSTEM.
 - 17. ANY CABLE TRAY ROUTED THROUGH ELECTRICAL ROOMS OR WITHIN PROXIMITY OF INTERFERING ELECTRICAL SOURCES, SHALL BE ENCLOSED TYPE USING SOLID BOTTOM TROUGH WITH REMOVABLE COVERS. CABLE TRAY SHALL BE BONDED TO GROUND SYSTEM.
 - 18. J-HOOKS SHALL BE ONLY USED IN ACCESSIBLE FINISHED CEILING SPACES NOT SERVED BY CABLE TRAY OR CONDUIT.
 - 19. ALL TELE/DATA CONDUIT AND OTHER RACEWAY INFRASTRUCTURE SHALL HAVE NO LESS
 - THAN 25% SPARE CAPACITY ABOVE THE NEC MINIMUM FILL RATIOS. 20. ALL COMMUNICATIONS CONDUIT LARGER THAN 2" SHALL HAVE A MINIMUM BEND RADIUS OF 10:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL COMMUNICATIONS CONDUIT 2" AND
 - 21. COMMUNICATIONS CONDUIT ROUTING SHALL NOT EXCEED 180° FOR THE SUM OF ELBOWS FOR A PARTICULAR CONDUIT RUN WITHOUT AN APPROVED PULL-BOX OR MANHOLE. THE

SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 6:1 OF THE INSIDE DIAMETER FOR ALL

- MAXIMUM BEND FOR ANY LOCATION SHALL NOT EXCEED 90°. 22. PROVIDE PROTECTIVE BUSHINGS ON ALL COMMUNICATIONS CONDUITS INCLUDING RISER
- 23. ALL RISER CONDUIT SHALL BE STUBBED A MINIMUM OF 2" AFF. PROVIDE A 2" CURB IF SLAB BLOCK-OUT IS USED RATHER THAN SLEEVES. SERVICE PROVIDER AND UNDERGROUND CONDUIT SHALL BE STUBBED A MINIMUM OF 4" AFF.

CONDUITS/SLEEVES, HORIZONTAL CONDUITS, DEVICE CONDUITS, AND SLEEVES.

- 24. ALL FIBER OPTIC CABLE SHALL BE ARMORED OR INSTALLED WITHIN APPROVED/UL-LISTED INNER-DUCT COMPLETE WITH FITTINGS, COUPLINGS, AND ADAPTERS (CARLON RISER-GARD, PLENUM-GARD, OR APPROVED EQUAL). FIBER OPTIC CABLE CAN UTILIZE
- METALLIC ARMORED SHEATH RATHER THAN USINGINNER-DUCT. 25. FINAL CABLE INSTALLATION, ALL UNDERGROUND COMMUNICATIONS CONDUIT SHALL BE

SEALED TO PREVENT WATER, GAS AND RODENTS FROM ENTERING FACILITY.

- 26. ALL COMMUNICATIONS CABLE INSTALLED BELOW GRADE SHALL BE GEL FILLED PIC/PE-89 PER RUS/REA DESIGNATION.
- 27. ALL UNDERGROUND COMMUNICATIONS CONDUIT SHALL HAVE METALLIC LOCATOR TAPE. 28. ALL COMMUNICATIONS CABLE SHALL BE PLENUM RATED (CMP), RISER RATED (CMR) AND
- UNDERGROUND RATED (WATERBLOCK) ACCORDING TO USE AND ENVIRONMENTAL
- 29. ALL BACKBONE (RISER) COMMUNICATIONS CABLE SHALL BE INSTALLED BASED ON A PHYSICAL STAR TOPOLOGY. REFER TO ONE-LINES DIAGRAMS FOR SPECIFIC ROUTING
- 30. ANY COMMUNICATIONS CABLES (FIBER AND COPPER) INSTALLED BELOW GRADE, UNDERGROUND, OR OTHER LOCATIONS SUBJECT TO WET CONDITIONS SHALL UTILIZE WATERBLOCK CONSTRUCTION.
- 31. CONTRACTOR SHALL NOT PAINT CABLES AND/OR SPRAY CABLES WITH FIRE PROOFING MATERIAL AS IT CAN AFFECT CABLE PERFORMANCE AND WILL VOID THE CABLE

	REFERENCE	FOR ADDITIONAL REQUIREMENTS.
$\nabla_{\!$	C.02 / R.01	DATA OUTLET WALL MOUNTED AT 18"AFF U.N.O. (# = PORT QUANTITY, NO /# = 1-PORT)

C.03 / S.02 DATA OUTLET FOR IP-BASED SECURITY CAMERA WALL OR POLE MOUNTED WITHIN SECURITY CAMERA BACK-BOX.

GENERAL NOTES

- 1. REFER TO DETAILS AS INDICATED ABOVE FOR ADDITIONAL RACEWAY, CABLING AND/OR DEVICE INFORMATION.
- 2. REFER TO OTHER SYSTEMS DRAWINGS (AV, SECURITY, ETC.) FOR BACK-BOX REQUIREMENTS SPECIFIC TO EACH DEVICE TYPE. SELECT DEVICES MAY REQUIRE SPECIALIZED BACK-BOX TYPES, SIZES AND MOUNTING CONDITIONS AS DEPICTED IN OTHER SYSTEMS DRAWINGS.

PATHWAY REQUIREMENTS

DETAIL

I. J-HOOK PATHWAY: ROUTE AND TERMINATE CONDUIT WITHIN NEAREST ACCESSIBLE CEILING SPACE. PROVIDE DEDIATED J-HOOKS AT 48-INCHES ON CENTER FOR REMAINING CABLE RUN TO NEAREST CABLE TRAY (AS APPLICABLE) OR TELECOM ROOM / HORIZONTAL CROSS-CONNECT LOCATION, UNLESS NOTED OTHERWISE. PROVIDE CONDUIT PATHWAY THROUGH WALLS AND ACCROSS NON-ACCESSIBLE OR EXPOSED CEILING AREAS TO ENSURE UNOBSTRUCTED CABLE PATHWAY FOR ENTIRE CABLE RUN.

SECURITY SYSTEMS SYMBOLS

	DETAIL REFERENCE	REFER TO REFERENCED DEVICE DESCRIPTION FOR ADDITIONAL REQUIREMENTS.
L:XX	S.01	FIXED (INTERIOR) SECURITY CAMERA. (REF: CAMERA SCHEDULES)
CXXX	S.03	CONTROLLED DOORWAY: REFER TO ACCESS CONTROL DOOR SCHEDULE. ("XXX" = ARCHITECTURAL DOOR NUMBER)
K	S.03	KEYPAD / CARD READER MOUNTED AT 48"AFF.
SCP-X	S.??	SECURITY CONTROL PANEL (SCP-X) WITH APPLICABLE POWER SUPPLIES (X= PANEL NUMBER).

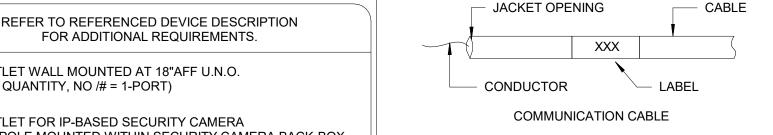
GENERAL NOTES:

- 1. REFER TO DETAILS AS INDICATED ABOVE FOR ADDITIONAL RACEWAY, CABLING AND/OR DEVICE INFORMATION.
- REFER TO "COMMUNICATION SYSTEM SYMBOLS" LEGEND FOR STRUCTURED CABLING (DATA) REQUIREMENTS FOR IP-ENABLED DEVICES. SECURITY DETAILS AND/OR SCHEDULES DEFINE RACEWAY REQUIREMENTS, INCLUDING BUT NOT LIMITED TO BACK-BOX TYPE, SIZE, MOUNTING CONDITION AND HEIGHT.

PATHWAY REQUIREMENTS

1. J-HOOK PATHWAY: ROUTE AND TERMINATE CONDUIT WITHIN NEAREST ACCESSIBLE CEILING SPACE. PROVIDE DEDIATED J-HOOKS AT 48-INCHES ON CENTER FOR REMAINING CABLE RUN TO NEAREST CABLE TRAY (AS APPLICABLE) OR SECURITY ROOM / TELECOM ROOM, UNLESS NOTED OTHERWISE. PROVIDE CONDUIT PATHWAY THROUGH WALLS AND ACCROSS NON-ACCESSIBLE OR EXPOSED CEILING AREAS TO ENSURE UNOBSTRUCTED CABLE PATHWAY FOR ENTIRE CABLE RUN.

COMMUNICATIONS SYSTEMS SYMBOLS



XXX JACKET OPENING

- GROUND

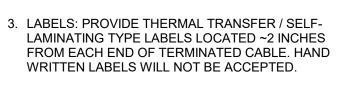
- CONDUCTOR AUDIOVISUAL / SECURITY /NURSE CALL SYSTEMS CABLE

INSULATION

1. CABLES: ALL SYSTEM CABLES OUTSIDE OF CONDUIT SHALL BE SUPPORTED WITHIN CEILING SPACES, UNDER FLOORS SPACES, ALONG WALLS, AND WITHIN EQUIPMENT RACKS PER SPECIFICATIONS. 2. CABLE DRESSING: ALL CABLES SHALL BE

GENERAL NOTES:

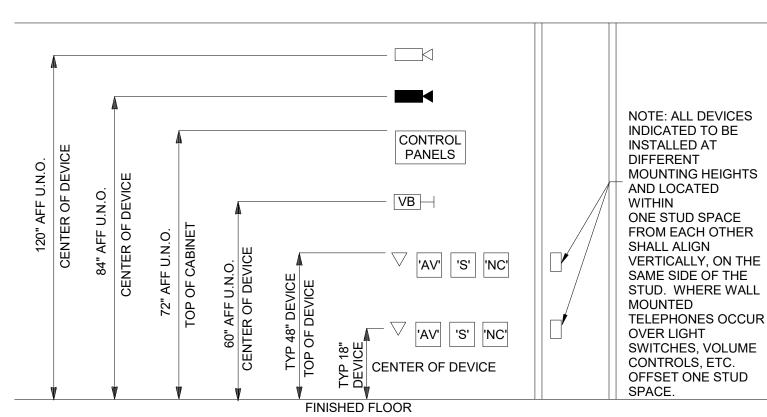
INSTALLED PER INFORMATION SHOWN HERE AND WITHIN SPECIFICATIONS. ALL CABLE NOT MEETING REQUIREMENTS HEREIN WILL BE REDRESSED AND / OR REPLACED AS NECESSARY.



4. HEAT SHRINK: PROVIDE HEAT SHRINK AT EACH EACH END OF TERMINATED CABLE FOR ALL AUDIOVISUAL / SECURITY / NURSE CALL CABLES. TAPE (ELECTRICAL OR OTHERWISE) UTILIZED IN PLACE OF HEAT SHRINK SHALL NOT BE ACCEPTED.

5. GROUND CONDUCTOR: PROVIDE CLEAR HEAT SHINK FOR ALL TERMINATED GROUND CONDUCTORS. FOR ALL UN-TERMINATED GROUND CONDUCTORS, CUT BACK TO JACKET OPENING AND COVER WITH HEAT SHRINK.

CABLE DRESS REQUIREMENTS



TYPICAL DEVICE MOUNTING HEIGHTS NO SCALE

NOTES:

- 1. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE 2. CONTRACTOR SHALL ENSURE THAT ALL MOUNTING HEIGHTS COMPLY WITH CURRENT ADA REQUIREMENTS.
- 3. ALL ABOVE COUNTER DEVICES SHALL BE MOUNTED 8" ABOVE COUNTER OR A MAXIMUM OF 44" AFF (TO TOP OF DEVICE). VERIFY HEIGHTS WITH ARCHITECT.
- 4. WHERE EVER DEVICES ARE INDICATED TO BE ABOVE DOORS, DEVICE SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND CEILING LINE.

CROSS-CONNECTS DETAIL REFER TO REFERENCED DEVICE DESCRIPTION REFERENCE FOR ADDITIONAL REQUIREMENTS. TELECOMMUNICATIONS SERVICE PROVIDER CROSS-CONNECT (SP) PROVIDED BY OTHERS. (SHOWN FOR REFERENCE ONLY) TELECOMMUNICATIONS MAIN CROSS-CONNECT (MC). TELECOMMUNICATIONS INTERMEDIATE CROSS-CONNECT (IC). TELECOMMUNICATIONS HORIZONTAL CROSS-CONNECT (HC). FIBER OPTIC DATA SERVICE PROVIDER CROSS-CONNECT (SP) PROVIDED BY OTHERS, (SHOWN FOR REFERENCE ONLY). ₩_{MC} C.11 FIBER OPTIC DATA MAIN CROSS-CONNECT (MC). C.11 FIBER OPTIC DATA INTERMEDIATE CROSS-CONNECT (IC). C.13 DATA HORIZONTAL CROSS-CONNECT (HC). TELECOMMUNICATIONS SERVICE TIE CROSS-CONNECT. C.11 FIBER OPTIC SERVICE TIE CROSS-CONNECT.

INFRASTRUCTURE					
	DETAIL REFERENCE	REFER TO REFERENCED DEVICE DESCRIPTION FOR ADDITIONAL REQUIREMENTS.			
TMGB	G.01	MAIN TELECOMMUNICATIONS GROUND BUS.			
	N/A	2-POST EQUIPMENT RACK. (REF: RACK / CABINET SCHEDULES)			
	N/A	4-POST EQUIPMENT RACK. (REF: RACK / CABINET SCHEDULES)			
	N/A	EQUIPMENT CABINET. (REF: RACK / CABINET SCHEDULES)			
	N/A	WALL MOUNTED SWING OUT EQUIPMENT CABINET. (REF: RACK / CABINET SCHEDULES)			
K_7	N/A	EQUIPMENT RACK OR CABINET PROVIDED BY OTHERS. SHOWN FOR REFERENCE TO ALLOCATE FLOOR SPACE.			
НН	U.03	COMMUNICATIONS IN-GRADE HAND HOLE / PULL-BOX.			

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∆ Date Description

PERMIT

2021.05.19 BP3: PROMENADE - ISSUE FOR BID AND

Seal / Signature

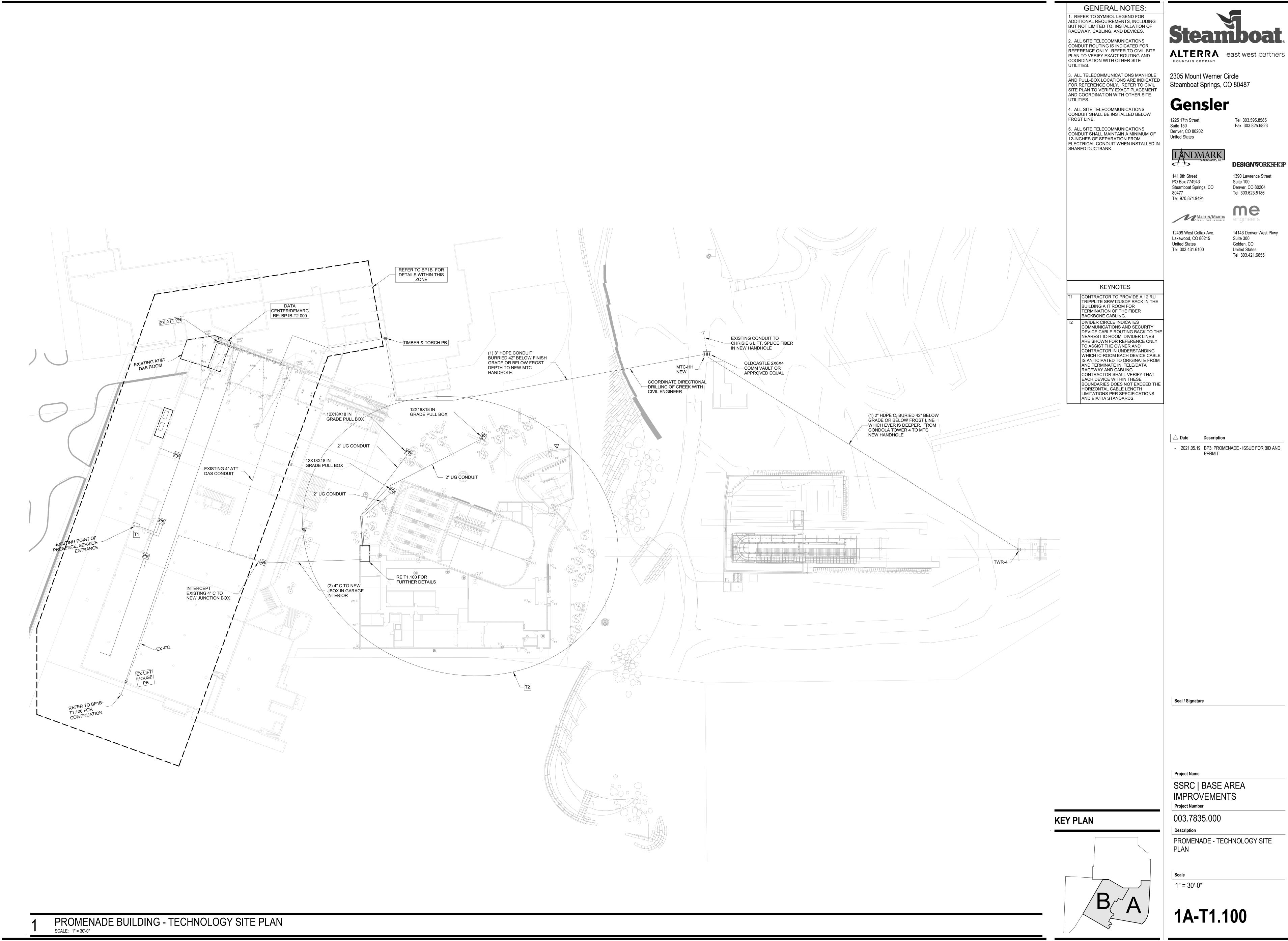
SSRC | BASE AREA **IMPROVEMENTS**

Project Number 003.7835.000

PROMENADE - TECHNOLOGY LEGEND

NO SCALE

1A-T0.000





1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW
AND APPROVAL. REFER TO TECHNOLOGY
DETAILS AND WRITTEN SPECIFICATIONS

3. CONTRACTOR(S) RESPONSIBLE FOR PROVIDING TELE/DATA RACEWAY AND/OR CABLING SHALL ENSURE THAT THE PATHWAY (AND CABLE) TO EACH DEVICE LOCATION WITHIN EACH BOUNDARY DOES NOT EXCEED THE HORIZONTAL CABLE LENGTH LIMITATIONS OF 295-FEET, PER WRITTEN SPECIFICATIONS AND TIA/EIA STANDARDS.

4. RACEWAY CONTRACTOR SHALL PROVIDE CONDUIT THROUGH WALLS AND ACROSS INACCESSIBLE CEILING SPACES TO ENSURE UNOBSTRUCTED CABLING PATHWAYS ARE PROVIDED FROM EACH DEVICE LOCATION BACK TO THE APPROPRIATE IC-ROOM (AS INDICATED BY DIVIDER LINES). RACEWAY CONTRACTOR SHALL COORDINATE PROPOSED ROUTES WITH CABLING CONTRACTOR DURING THE SHOP DRAWING PROCESS TO ENSURE BOTH PARTIES ARE IN AGREEMENT PRIOR TO SUBMITTING SHOP DRAWINGS OR INITIATING WORK IN THE FIELD.

5. ALL TELE/DATA CABLE ROUTED IN J-HOOKS SHALL BE ROUTED IN DEDICATED J-HOOKS, SEPARATE FROM ALL OTHER LOW VOLTAGE CABLING SYSTEMS INCLUDING, BUT NOT LIMITED TO, AV, FIRE ALARM, SECURITY, AND CONTROLS CABLING.

KEYNOTES

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Seal / Signature

Project Name

SSRC | BASE AREA **IMPROVEMENTS** Project Number

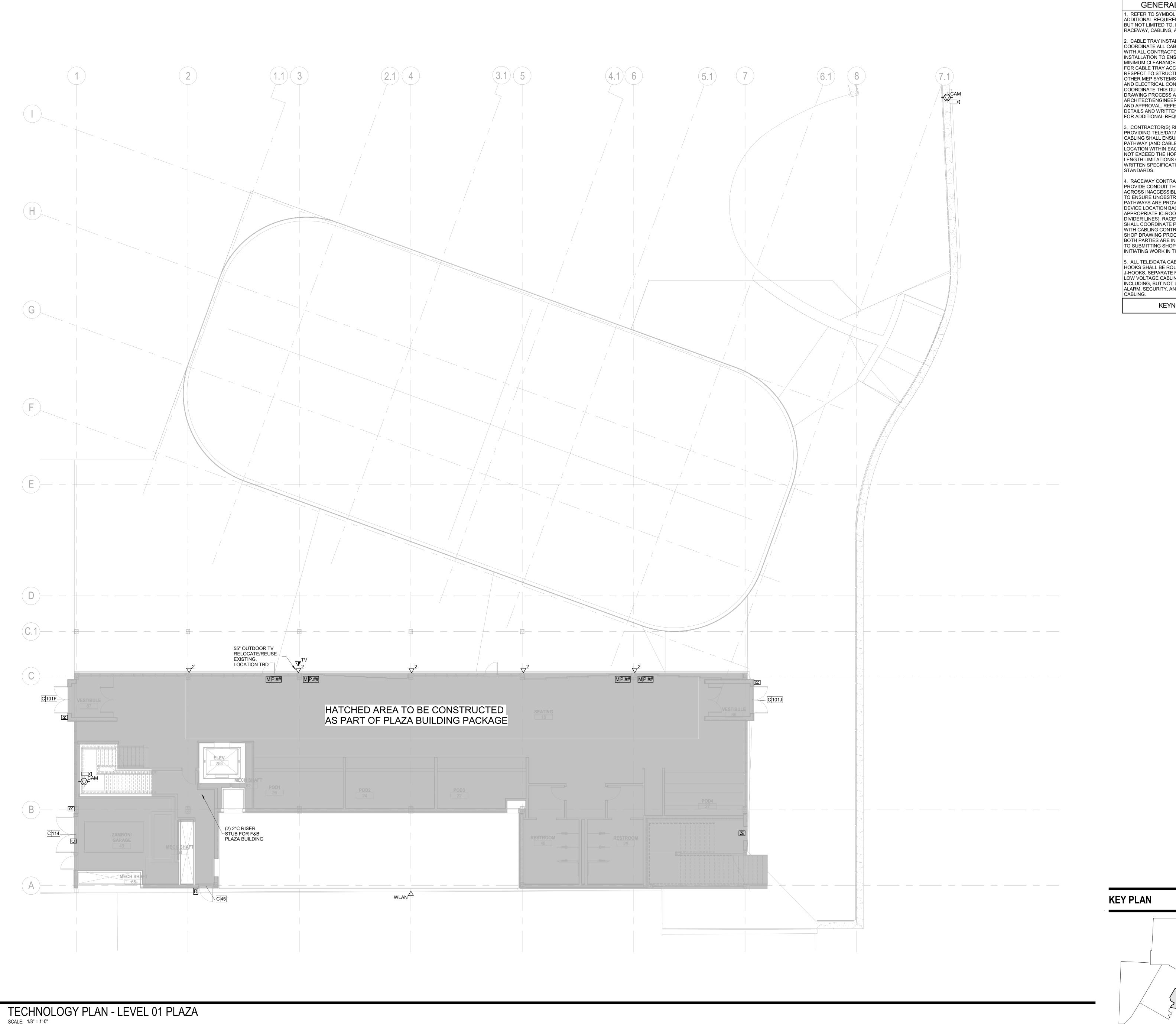
003.7835.000

PROMENADE - TECHNOLOGY PLAN -LEVEL 00

1/8" = 1'-0"

1A-T1.200

TECHNOLOGY PLAN - LOWER LEVEL 00 PROMENADE



1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW
AND APPROVAL. REFER TO TECHNOLOGY
DETAILS AND WRITTEN SPECIFICATIONS
FOR ADDITIONAL REQUIREMENTS.

3. CONTRACTOR(S) RESPONSIBLE FOR PROVIDING TELE/DATA RACEWAY AND/OR CABLING SHALL ENSURE THAT THE PATHWAY (AND CABLE) TO EACH DEVICE LOCATION WITHIN EACH BOUNDARY DOES NOT EXCEED THE HORIZONTAL CABLE LENGTH LIMITATIONS OF 295-FEET, PER WRITTEN SPECIFICATIONS AND TIA/EIA

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5. ALL TELE/DATA CABLE ROUTED IN J-HOOKS SHALL BE ROUTED IN DEDICATED J-HOOKS, SEPARATE FROM ALL OTHER LOW VOLTAGE CABLING SYSTEMS INCLUDING, BUT NOT LIMITED TO, AV, FIRE ALARM, SECURITY, AND CONTROLS

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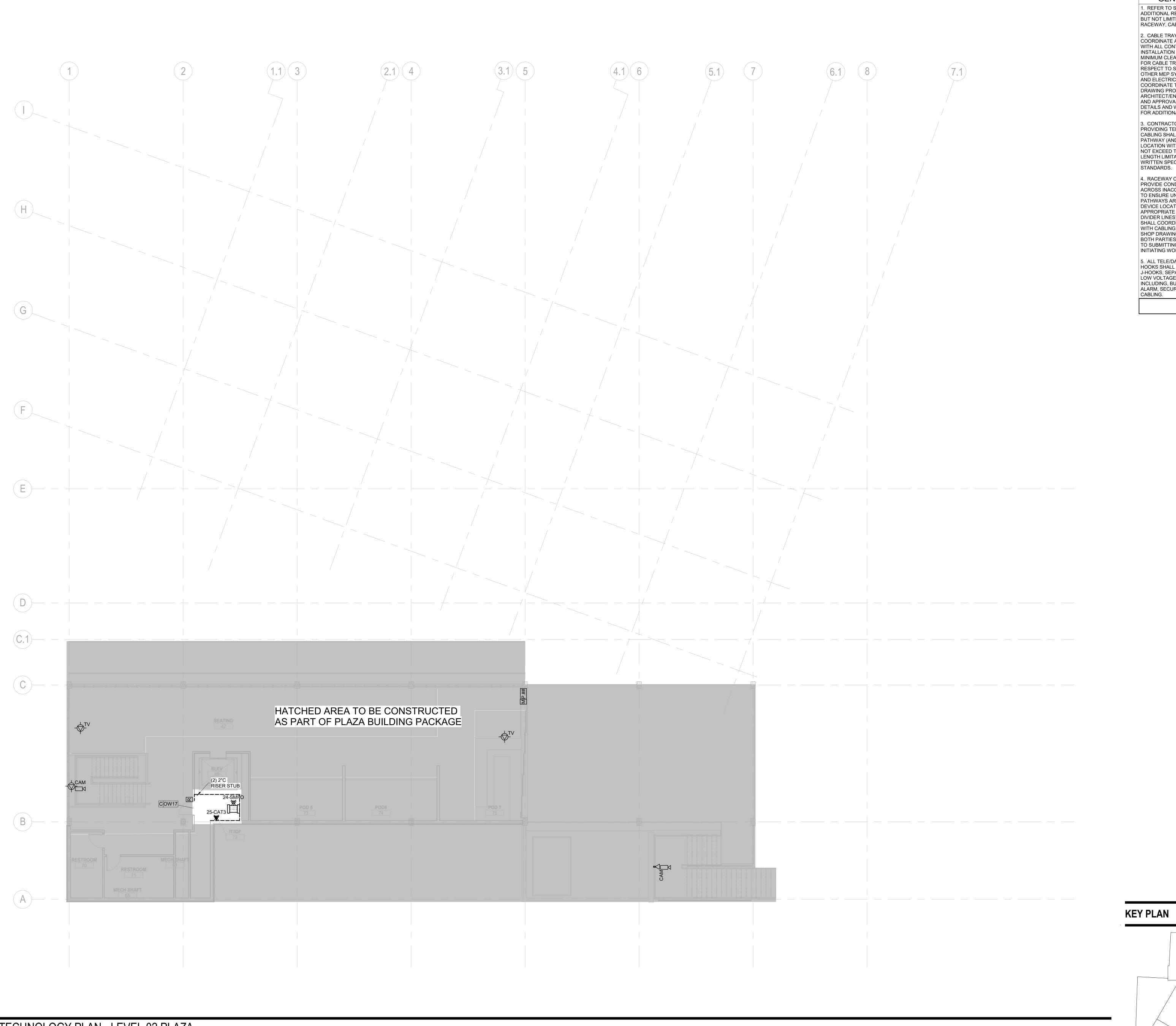
SSRC | BASE AREA **IMPROVEMENTS**

Project Number 003.7835.000

PROMENADE - TECHNOLOGY PLAN -LEVEL 01

1/8" = 1'-0"

1A-T1.201



1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW
AND APPROVAL. REFER TO TECHNOLOGY
DETAILS AND WRITTEN SPECIFICATIONS
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KEYNOTES

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Project Name

SSRC | BASE AREA **IMPROVEMENTS**

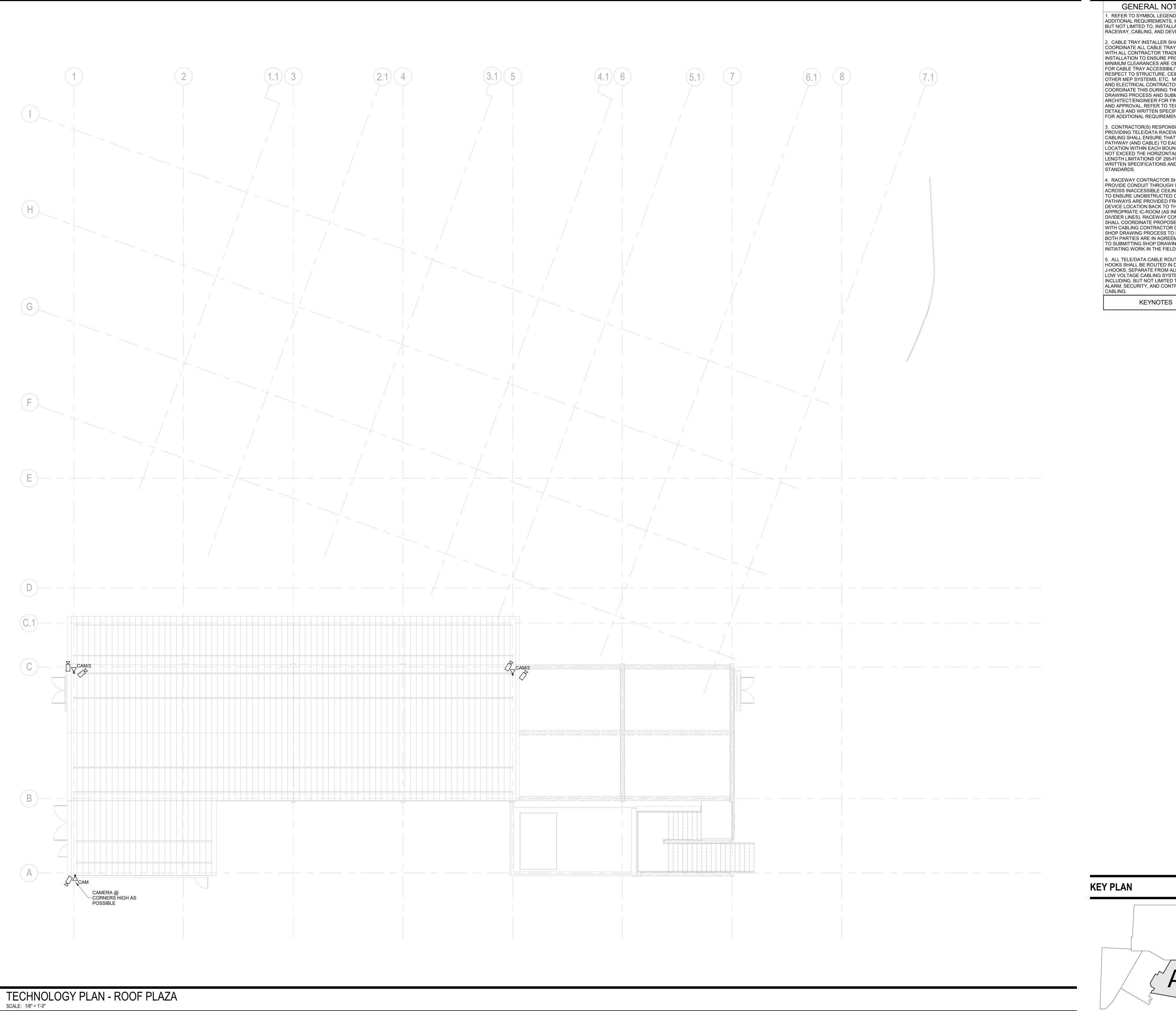
Project Number 003.7835.000

PROMENADE - TECHNOLOGY PLAN -LEVEL 02

1/8" = 1'-0"

1A-T1.202

TECHNOLOGY PLAN - LEVEL 02 PLAZA



1. REFER TO SYMBOL LEGEND FOR ADDITIONAL REQUIREMENTS, INCLUDING BUT NOT LIMITED TO, INSTALLATION OF RACEWAY, CABLING, AND DEVICES.

2. CABLE TRAY INSTALLER SHALL COORDINATE ALL CABLE TRAY SEGMENTS WITH ALL CONTRACTOR TRADES PRIOR TO INSTALLATION TO ENSURE PROPER MINIMUM CLEARANCES ARE OBTAINED FOR CABLE TRAY ACCESSIBILITY WITH RESPECT TO STRUCTURE, CEILINGS, OTHER MEP SYSTEMS, ETC. MECHANICAL AND ELECTRICAL CONTRACTORS SHALL COORDINATE THIS DURING THE SHOP DRAWING PROCESS AND SUBMIT TO ARCHITECT/ENGINEER FOR FINAL REVIEW
AND APPROVAL. REFER TO TECHNOLOGY
DETAILS AND WRITTEN SPECIFICATIONS
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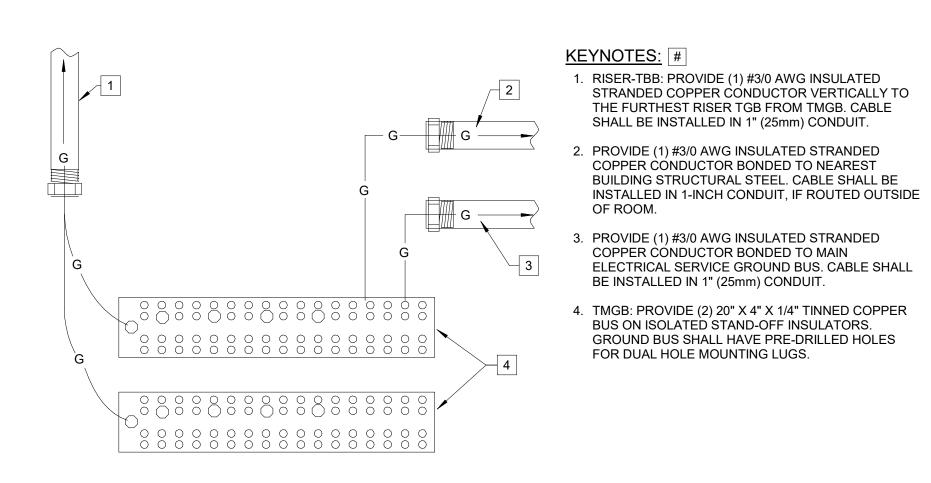
SSRC | BASE AREA **IMPROVEMENTS**

Project Number 003.7835.000

PROMENADE - TECHNOLOGY PLAN - ROOF PLAN

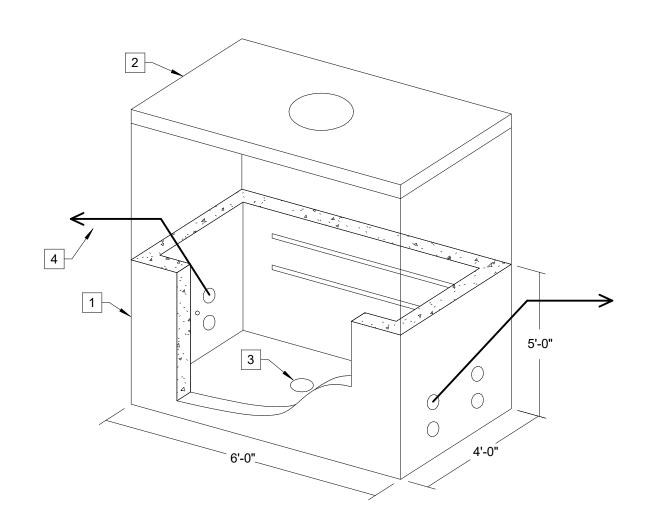
1/8" = 1'-0"

1A-T1.203



SYMBOLS: TMGB

TELECOM GROUND BUSBAR (TMGB)

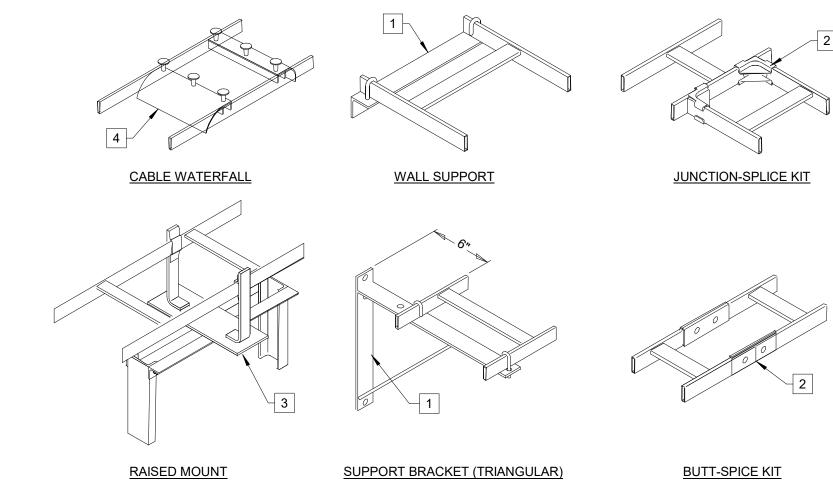


GENERAL NOTES:

- 1. REFER TO BASIS OF DESIGN PRODUCT TO CONFIRM ADDITIONAL REQUIREMENTS SUCH AS QUANTITY, SIZE AND RATING OF UNI-STRUT, PULLING INSERTS, ETC.
- 1. HAND-HOLE: PROVIDE 6'-0"L X 4'-0"W X 5'-0"D CONCRETE COMMUNICATIONS HAND-HOLE COMPLETE WITH PULLING INSERT AND HOLES TO ACCOMMODATE UP TO (4) 4-INCH CONDUITS AT EACH END.
- 2. COVER: PROVIDE TRAFFIC RATED COVER THAT INCLUDES "COMMUNICATIONS" LABEL ON COVER.
- 3. SUMP: HAND-HOLE TO INCLUDE 12"
- 4. STUB TEMP ABOVE GRADE HDPE INTO HANDHOLE FOR TEMP CABLING. FUTURE HDPE TO BE CUT AND CAPPED BELOW GRADE UPON REMOVEL OF TEMP CABLING.

DIAMETER BY 4" DEEP SUMP RECESS.

COMMUNICATIONS HAND-HOLE DETAIL SYMBOLS:



- 1. PROVIDE ALL NECESSARY CABLE TRAY COMPONENTS AND ACCESSORIES PER SPECIFICATIONS AND MANUFACTURER REQUIREMENTS. REFER TO PLAN DRAWINGS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 2. PROVIDE #6 AWG GROUNDING CONDUCTOR FROM LADDER RACK TO TGB IN ROOM. PROVIDE GROUNDING JUMPERS AS NECESSARY TO GROUND ALL SEGMENTS OF LADDER RACK.
- 3. REFER TO ENLARGED EQUIPMENT ROOM PLANS FOR LADDER RACK LAYOUTS. KEYNOTES: # 1. WALL SUPPORT: PROVIDE TRIANGULAR WALL SUPPORT

FOR ADDITIONAL RACK STABILITY.

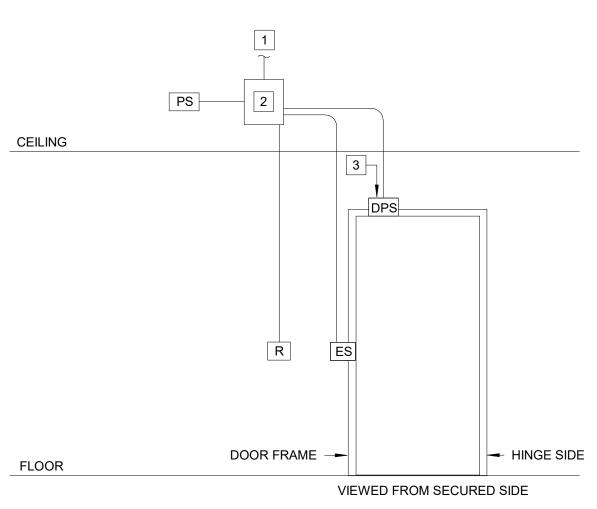
- BRACKET AND/OR END WALL SUPPORT BRACKET AS REQUIRED.
- 2. JUNCTION SPLICE: PROVIDE JUNCTION-SPLICE AND/OR BUTT-SPLICE AS REQUIRED. 3. RACK SUPPORT: PROVIDE RAISED MOUNT TYPE SUPPORT

BRACKET TO SECURE LADDER RACK TO EQUIPMENT RACK

4. WATER FALL: PROVIDE CENTER OR SIDE EXIT LADDER RACK WATER FALLS AT EACH EQUIPMENT RACK OR CABINET.

EQUIPMENT ROOM WIRE RUNWAY

SYMBOLS:



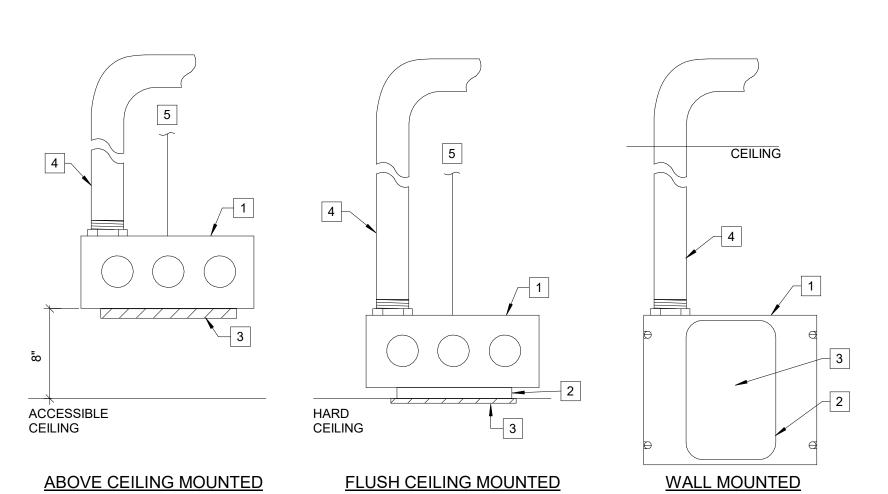
KEYNOTES:

- 1. PATHWAY TO SECURITY PANEL LOCATIONS: PROVIDE (1) 1-1/4" CONDUIT REFER TO SECURITY SYSTEM SYMBOL - PATHWAY REQUIREMENT NOTES ON LEGEND SHEET FOR CONDUIT CONTINUATION REQUIREMENTS.
- 2. CONSOLIDATION BOX: LOCATE 8"x8"x4" BOX ON SECURE SIDE OF DOOR. LOCATE WITHIN ACCESSIBLE CEILING SPACE (OR AREA OF ACCESS) AS CLOSE TO DOORWAY AS POSSIBLE, NOT TO EXCEED 50 FEET OF DOOR LOCATION.
- 3. PATHWAY TO DOOR HARDWARE: PROVIDE 3/4" CONDUIT ROUTED FROM CONSOLIDATION BOX TO HARDWARE MOUNTED IN OR AROUND DOOR FRAME. COORDINATE CONDUIT TERMINATION REQUIREMENTS WITH DOOR HARDWARE PROVIDER AND DEVICE MANUFACTURER ROUTE CONDUIT WITHIN DOOR FRAME WHERE REQUIRED.

S.01 / S - SINGLE LEAF DOOR

SYMBOLS:

SECURITY ACCESS CONTROL SYSTEM DETAILS



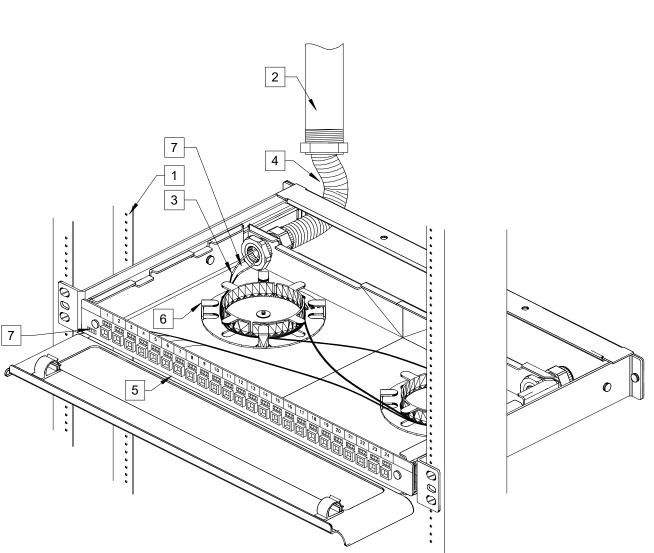
GENERAL NOTES:

1. REFER TO SYSTEM SYMBOL LEGEND - PATHWAY REQUIREMENT NOTES TO CONFIRM IF CONDUIT STUBS TO CEILING AND USE OF J-HOOKS IS ALLOWED OR IF CONTINUOUS CONDUIT IS REQUIRED FOR ALL LOCATIONS. PARTICULAR ATTENTION SHALL BE GIVEN TO CONDUIT ROUTING NOTES AS EACH SYSTEM (AV. COMM. SECURITY, ETC.) HAS SPECIFIC CONDUIT ROUTING REQUIREMENTS.

KEYNOTES:

- 1. BACK-BOX: PROVIDE 4"X4"X2-1/8" FLUSH MOUNTED BOX.
- 2. MUD-RING: PROVIDE 1-GANG MUD RING FOR MOUNTING OF DEVICE / FACEPLATE. MUD RING SHALL BE SEPARATE COMPONENT FROM BACK-BOX.
- 3. FACE PLATE: REQUIREMENTS VARY, REFER TO SPECIFIC DEVICE DETAILS FOR ADDITIONAL INFORMATION.
- 4. CONDUIT: PROVIDE CONDUIT SIZED AS FOLLOWS: (1) 1-INCH CONDUIT FOR (1-4) CABLES/PORTS (1) 1-1/4-INCH CONDUIT FOR (5-6) CABLES/PORT
- 5. SUPPORT: PROVIDE THREADED ROD ATTACHED TO STRUCTURE

COMM RACEWAY DEVICES SYMBOLS: X



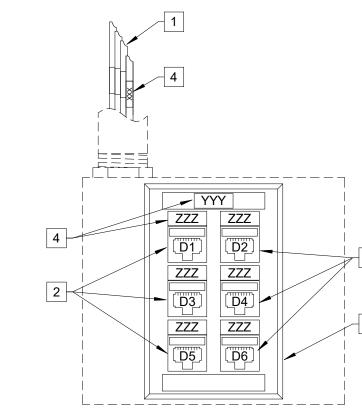
GENERAL NOTES:

1. REFER TO DEVICE SYMBOL AND LEGEND DESCRIPTION FOR ADDITIONAL INFORMATION.

KEYNOTES:

- 1. EQUIPMENT RACK: SHOWN FOR REFERENCE ONLY. REFER TO PLAN DRAWINGS FOR REQUIREMENTS.
- 2. CONDUIT: PROVIDE CONDUIT FROM RACK LOCATION TO NEAREST CABLE TRAY OR COMM ROOM. REFER TO PLAN DRAWINGS FOR ADDITIONAL REQUIREMENTS
- 3. FIBER OPTIC CABLE: PROVIDE MMFO / SMFO STRANDS WHERE "MM" = MMFO STRAND COUNT AND "SM" = SMFO STRAND COUNT. (EX: 12/24 = 12-MMFO + 24-SMFO). ALL FIBER OPTIC CABLE SHALL ORIGINATE FROM FIBÉR OPTIC MAIN CROSS-CONNECT.
- 4. CABLE PROTECTION: PROVIDE (1) 1" PLENUM RATED/UL-LISTED FIBER OPTIC INNER-DUCT (OR ARMORED FIBER OPTIC CABLE).
- . FIBER OPTIC TERMINATIONS: PROVIDE LC-TYPE TERMINALS MOUNTED IN (1) 24-PORT MODULAR PATCH PANEL WITH FIBER CABLE ORGANIZER.
- 6. FIBER OPTIC CABLE SPOOL: PROVIDE FIBER OPTIC CABLE SPOOL(S).
- 7. LABELS: PROVIDE WHITE LABELS WITH BLACK TEXT TO NOTE STATION ID (YYY), TERMINATION ID (ZZZ) AND CABLE ID (XXX). REFER TO TYPICAL DEVICE LABELING DETAIL FOR ADDITIONAL REQUIREMENTS.

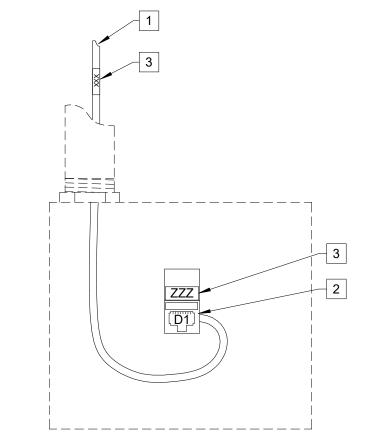
FIBER OPTIC RACK MOUNT PATCH PANEL SYMBOLS: #/#



GENERAL NOTES:

- 1. REFER TO DETAIL R.01 FOR RACEWAY REQUIREMENTS INCLUDING BACK-BOX AND CONDUIT.
- 2. PROVIDE MODULAR DUST COVER(S) ON ALL UNUSED FACEPLATE PORTS AS REQUIRED.
- KEYNOTES: #
- 1. DATA CABLE: PROVIDE 4-PAIR UTP CABLE(S) ORIGINATING FROM THE NEAREST HORIZONTAL CROSS-CONNECT (HC). REFER TO DEVICE SYMBOL AND LEGEND DESCRIPTION FOR CABLE QUANTITIES. 2. DATA TERMINATIONS: PROVIDE RJ45 TYPE MODULAR JACK
- INTERCONNECTED TO EACH UTP CABLE. PROVIDE COLORED PORTS ACCORDING TO THE COLOR SCHEDULE ON THE LEGEND SHEET.
- . FACE PLATE: PROVIDE MODULAR FACEPLATE WITH PORTS AS REQUIRED PER CABLE COUNTS. 4. LABELS: PROVIDE WHITE LABELS WITH BLACK TEXT TO NOTE
- STATION ID (YYY), TERMINATION ID (ZZZ) AND CABLE ID (XXX). REFER TO TYPICAL DEVICE LABELING DETAIL FOR ADDITIONAL REQUIREMENTS.

VOICE/DATA DEVICE (5 OR 6 PORTS)



GENERAL NOTES:

- 1. INTENT OF THIS DETAIL IS TO DEPICT STRUCTURED CABLING REQUIREMENTS. REFER TO OTHER SYSTEMS DRAWINGS (AV, SECURITY, ETC.) FOR BACK-BOX REQUIREMENTS SPECIFIC TO EACH DEVICE TYPE. SELECT DEVICES MAY REQUIRE SPECIALIZED BACK-BOX TYPES, SIZES AND MOUNTING CONDITIONS.
- 2. CONTRACTOR TO PROVIDE DATA OUTLET(S) MOUNTED IN PLENUM RATED BISCUIT IN LIEU OF BACK-BOX FOR DEVICES LOCATED ABOVE ACCESSIBLE CEILINGS.

KEYNOTES:

- 1. DATA CABLE: PROVIDE 4-PAIR UTP CABLE(S) ORIGINATING FROM THE NEAREST HORIZONTAL CROSS-CONNECT (HC). REFER TO DEVICE SYMBOL AND LEGEND DESCRIPTION FOR CABLE QUANTITIES.
- DATA TERMINATIONS: PROVIDE RJ45 TYPE MODULAR JACK INTERCONNECTED TO EACH UTP CABLE. CABLE AND JACK SHALL REMAIN LOOSE INSIDE BACK-BOX.
- 3. LABELS: PROVIDE WHITE LABELS WITH BLACK TEXT TO NOTE STATION ID (YYY), TERMINATION ID (ZZZ) AND CABLE ID (XXX) ACTUAL LABELING SCHEME SHALL BE COORDINATED WITH THE OWNER AND ENGINEER. REFER TO COMMUNICATION AND CABLE DETAILS.





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IMPROVEMENTS Project Number

003.7835.000 Description PROMENADE - TECHNOLOGY

DETAILS

1/8" = 1'-0"

1A-T8.000