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	CONSULTANT	S:			VFY	EXIST STING FIBER - OUTSIDE
С	VA COR: CONTACT: MIKE ENGMARK				VFY ————————————————————————————————————	exist R Route - Inside
	ADDRESS: ST CLOUD VA MED 4801 VETERANS DI	RIVE			FIBE	TELECOM R ROUTE - OUTSIDE
	ST. CLOUD, MN 563 PHONE: 320-252-1670	,03			——— BUIL	CIVIL DING OUTLINE EXIST
	PROGRAM MANAGER: CONTACT: JONATHAN WEST					RIDOR OUTLINE EXIST
	ADDRESS: ST CLOUD VA MED 4801 VETERANS DI	RIVE				
	ST. CLOUD, MN 563 PHONE: 504-250-2699					
	EMAIL: Jonathan.West@vcii	nt.com			/	
	CIVIL ENGINEER: NAME: ANDERSON ENGIN	EERING OF MN, LLC				
	ADDRESS: 13605 1ST AVE NO PLYMOUTH, MN 55	RTH, SUITE 100				
D	CONTACT: IAN WEBER					
	PHONE: 763-412-4000 ARCHITECT:					
	ADDRESS: 13605 1ST AVE NO	EERING OF MN, LLC RTH, SUITE 100				93 49
	PLYMOUTH, MN 55 CONTACT: EDWARD MARKFO					
	PHONE: 763-412-4000					
	STRUCTURAL ENGINEER: NAME: ADVANCED STRUC	TURAL TECHNOLOGIES				
	ADDRESS: 7301 OHMS LANE; EDINA, MN 55439	SUITE 215				
	CONTACT:ZACHARY CRAIGPHONE:952-854-9302					
E	TELECOMMUNICATIONS ENGINEER					
_	NAME: SPECIALIZED ENG ADDRESS: 10360 ELLISON CIR OMAHA, NE 68134	INEERING SOLUTIONS			EE	
	CONTACT: KRIS BURNHAM					
	PHONE: 402-991-5520 MECH/ELEC/PLUMB/FIRE ENGINEEF	<u></u> {			SHHHH	
		INEERING SOLUTIONS				
	OMAHA, NE 68134 CONTACT: KRIS BURNHAM					
	PHONE: 402-991-5520					
	VICINITY MAP					96
		2nd St 5	35th St NE May tree			114
F	133				TO 8TH ST EAST & WEST	
			Setting 23	-		
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		Division St. 23 2nd St 5	FIJ			
	23	7th St 5 22rd 5t 5	Cooper Ave			
		15 Rev Part St. S				
1	138		94 Com			
F			CONSULTANT			ARCHITECT/ENGINEER
F					Specialized Engineering	
					ENGINEERING SOLUTIONS	

10360 Ellison Circle

Omaha, NE 68134

Phone: 402.991.5520

www.specializedeng.com

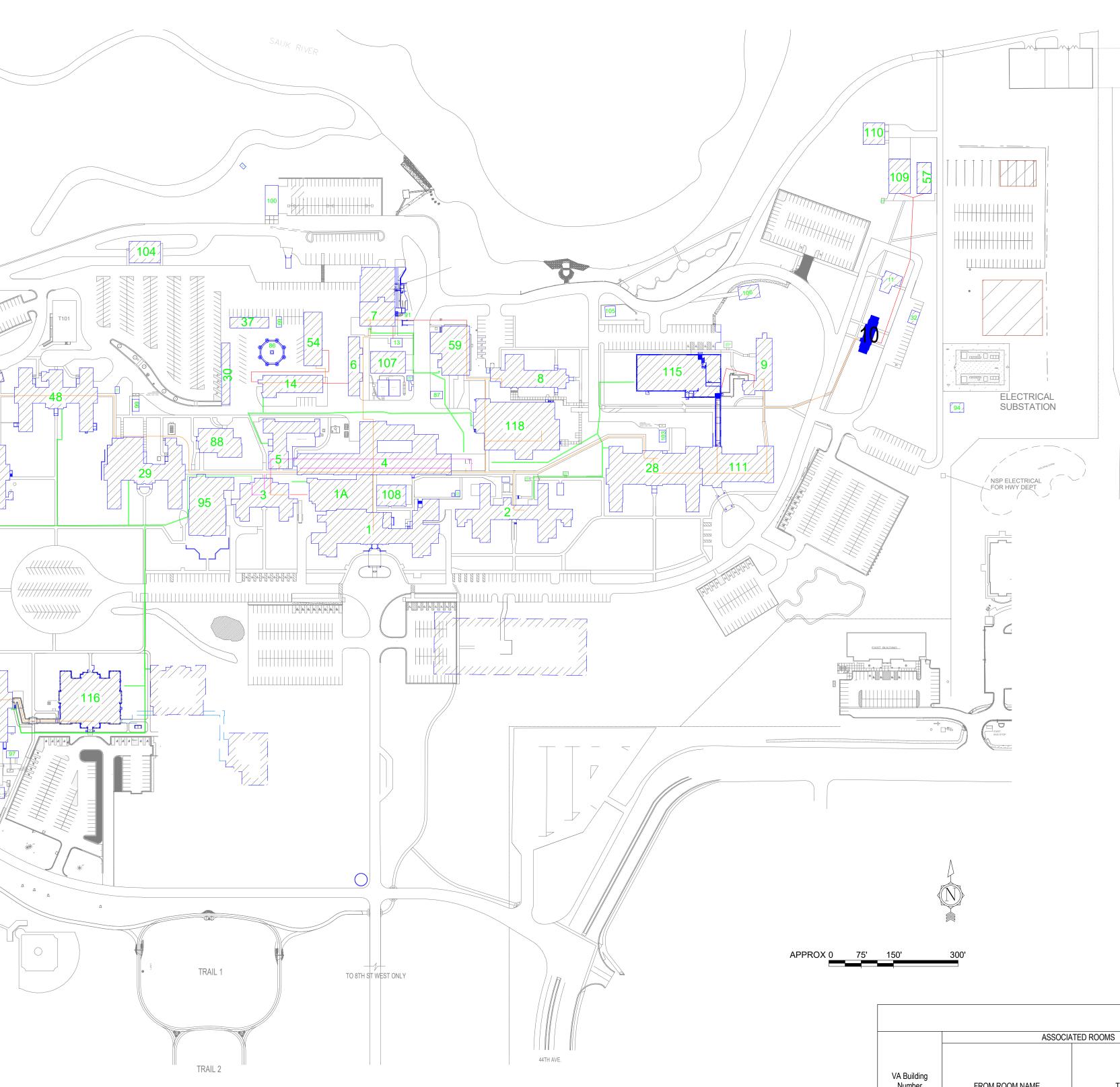
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REVISION

DATE

0 - EHRM INFRASTRUCTURE UPGRADES

St. Cloud VA Health Care System Main Campus, St. Cloud, Minnesota



A NDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com	ARCHITECT/ENGINEER OF RECORD	STAMP	APPROVED:	DATE:	APPROVED: PROJECT COR DATE:	APPROVED: PATIENT SAFETY
13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000 F 763.412.4090 ae-mn.com Date: 02/20/2022 Jacese Number: NN# 19157	ANDERSON	prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.				
Anderson Engineering of Minnesota, LLC Proj # 16305				DATE:	APPROVED: INFECTION CONTROL NURSE DATE:	APPROVED: OIT MANAGER

	SHEET INDEX - BUILDING 10
SHEET NO.	SHEET TITLE
10-GI000	BUILDING 10 COVER SHEET & SHEET INDEX
10-GI101	BASEMENT FLOOR INFECTION CONTROL & PHASING PLAN
10-HA-1A	REFERENCE - BASEMENT FLOOR - ASBESTOS RE-SURVEY
10-HA-2A	REFERENCE - FIRST FLOOR - ASBESTOS RE-SURVEY
10-HA-3A	REFERENCE - SECOND FLOOR - ASBESTOS RE-SURVEY
10-AS100	BASEMENT, FIRST, AND SECOND FLOOR PLANS
10-TD100	BASEMENT FLOOR PLANS - TELECOM - DEMOLITION
10-TN100	BASEMENT FLOOR PLANS - TELECOMMUNICATIONS
10-TD110	FIRST FLOOR PLAN - TELECOM - DEMOLITION
10-TD120	SECOND FLOOR PLAN - TELECOM - DEMOLITION
10-TN110	FIRST FLOOR PLAN - TELECOMMUNICATIONS
10-TN120	SECOND FLOOR PLAN - TELECOMMUNICATIONS
10-TN200	BASEMENT FLOOR PLAN - TELECOM - CABLE DISTANCE
10-TN300	ENLARGED PLANS - TELECOMMUNICATIONS - DEMO
10-TN400	ENLARGED PLANS - TELECOMMUNICATIONS
10-E200	BASEMENT - ELECTRICAL
10-E201	FIRST FLOOR - ELECTRICAL
10-E300	ELECTRICAL ENLARGED PLANS
10-E500	ELECTRICAL ONE-LINE DIAGRAMS
10-E600	ELECTRICAL SCHEDULES
10-M100	BASEMENT DEMOLITION - MECHANICAL
10-M200	BASEMENT FLOOR - MECHANICAL
SEE GENERAL SHI	EETS FOR ADDITIONAL INFORMATION

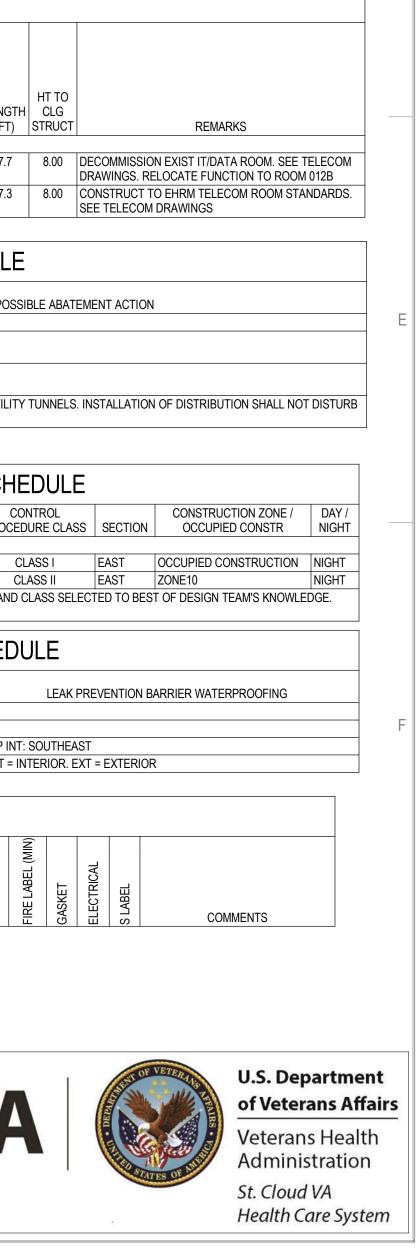
									RC	ON	SC	ΗE	DULE	=	
NO.	NAME	CABLING	PATCH PANEL	FIBER	POWER	BONDING	UPS	DEDICATED COOLING	TEMPERATURE	HUMIDITY	RACK SENSOR	SPACE	AREA	WIDTH (FT)	LENG (FT
BASEME	NT	-1			1								•	<u> </u>	
006	EXIST RM												43 SF	5.5	7.7
012B	TELECOM ROOM	X		Х	X		Х		X				62 SF	8.5	7.3
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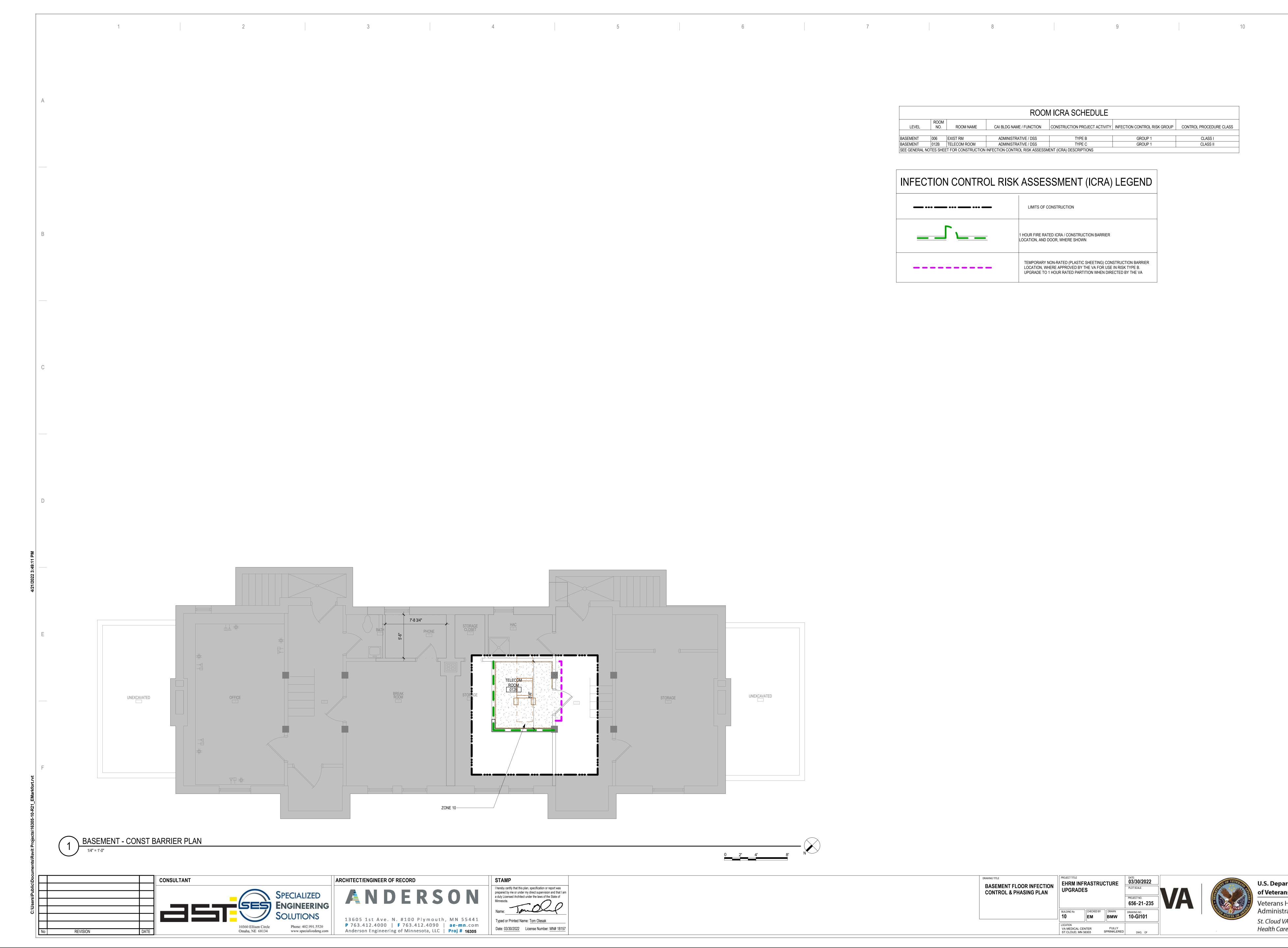
	ROOM		QUESTIONABLE HAZARDOUS	
LEVEL	NO.	ROOM NAME	ELEMENT	POS
	·			
BASEMENT	006	EXIST RM	NONE IN PROJECT AREA. SEE 10-HA-1A	NONE. ACM TO REMAIN UNDISTURBED
BASEMENT	012B	TELECOM ROOM	NONE IN PROJECT AREA. SEE 10-HA-1A	NONE. ACM TO REMAIN UNDISTURBED
HAZARDOUS MA QUESTIONABLE I	-		THROUGHOUT THE DISTRIBUTION RO	UTING THROUGH CEILING PLENUMS AND UTILI

			ICRA PHASE	CONSTRUC	TION ROOM	SCHE
LEVEL	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CO PROCED
BASEMENT	006	EXIST RM	ADMINISTRATIVE / DSS	TYPE B	GROUP 1	CL
BASEMENT	012B	TELECOM ROOM	ADMINISTRATIVE / DSS	TYPE C	GROUP 1	CL
		ET FOR CONSTRUCTION THE VA WILL BE MADE A	INFECTION CONTROL RISK A	ASSESSMENT (ICRA) DE	SCRIPTIONS. TYPE, GRO	oup and c
			LEAK PRE	/ENTION / D	IVERTER SC	HEDI
LEVEL	ROOM NO.	ROOM NAME		VENTION / D		HEDI
LEVEL		ROOM NAME				HEDU
LEVEL		ROOM NAME				HEDU
	NO.					HEDU MWP INT:

				0	PENIN	IG SCH	IEDULI	Ξ				
	ASSOCIATED ROOMS			OPENING			PANEL INFORMATION			FRAME INFORMATION		Γ
VA Building Number	FROM ROOM NAME	TO ROOM NAME	NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING	HDW GROUP	

DATE:	APPROVED: EMS MANAGER DATE:	APPROVED: DIRECTOR FMS DATE:	DRAWING TITLE BUILDING 10 COVER SHEET & SHEET INDEX	PROJECT TITLE EHRM INFI UPGRADE		CTURE	DATE: 03/30/2022 PLOT SCALE	
DATE:	APPROVED: M/O MANAGER DATE:	APPROVED: ASSOCIATE DIRECTOR DATE:	SHEET INDEX				PROJECT NO. 656-21-235	VÆ
DATE:	APPROVED: PROJECTS SECTION MANAGER DATE:	APPROVED: NURSE EXECUTIVE DATE:		BUILDING No	CHECKED BY	DRAWN EM	DRAWING NO.	
DATE:	APPROVED: ASSISTANT CHIEF ENGINEER DATE:	APPROVED: CHIEF OF STAFF DATE:	APPROVED: MEDICAL CENTER DIRECTOR DATE:	LOCATION VA MEDICAL CEN ST.CLOUD, MN 5		FULLY SPRINKLERED	COVER DWG. OF	

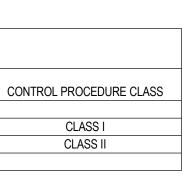




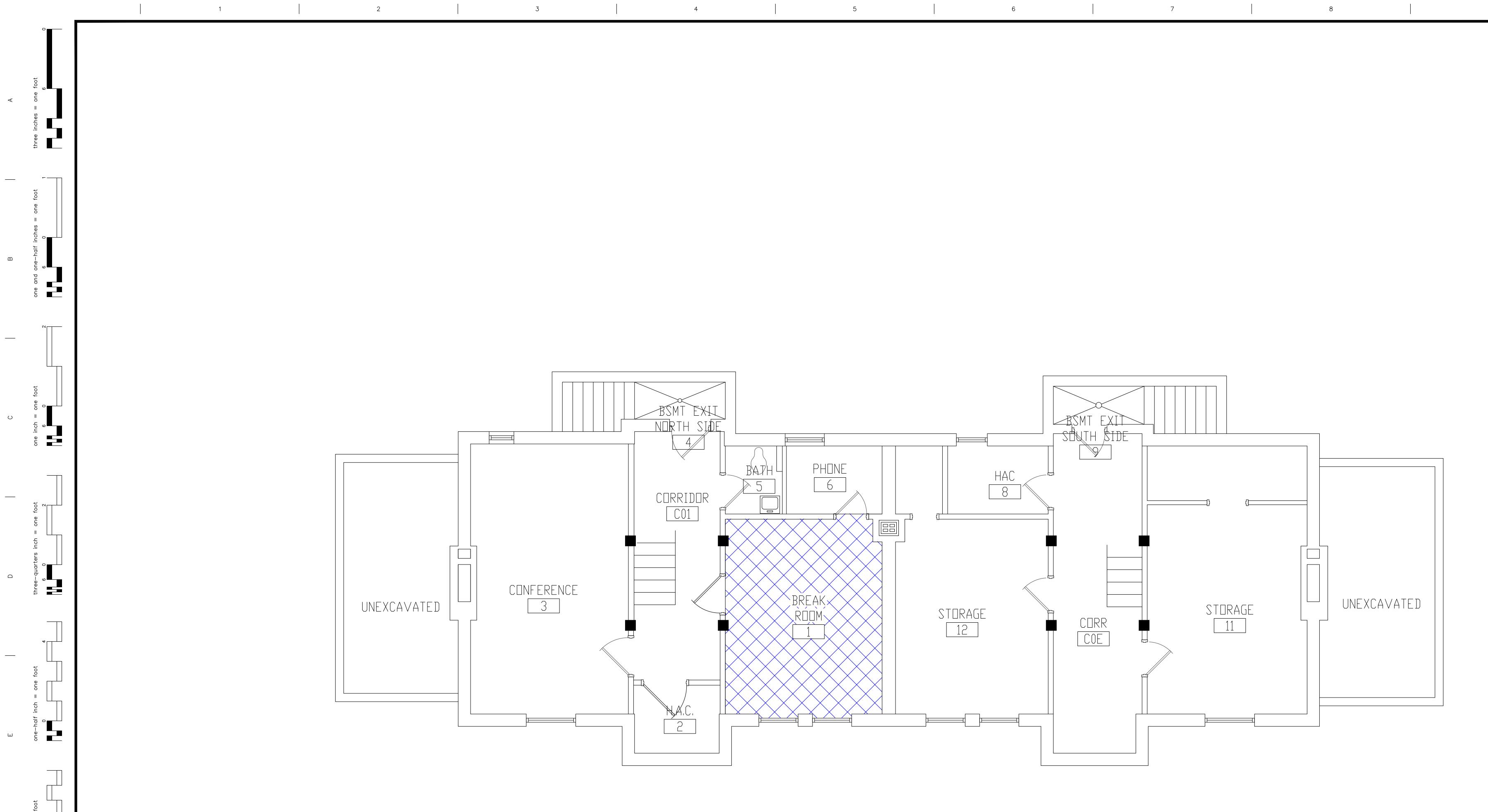
			ROOM	MICRA SCHEDULE		
LEVEL	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CO
BASEMENT	006	EXIST RM	ADMINISTRATIVE / DSS	TYPE B	GROUP 1	
BASEMENT	012B	TELECOM ROOM	ADMINISTRATIVE / DSS	TYPE C	GROUP 1	
SEE GENERAL	NOTES SHE	ET FOR CONSTRUCTION	INFECTION CONTROL RISK ASSESSM	NENT (ICRA) DESCRIPTIONS		

INFECTION CONTROL RISK ASSESSMENT (ICRA) LEGEND								
	LIMITS OF CONSTRUCTION							
	1 HOUR FIRE RATED ICRA / CONSTRUCTION BARRIER LOCATION, AND DOOR, WHERE SHOWN							
	TEMPORARY NON-RATED (PLASTIC SHEETING) CONSTRUCTION BARRIER LOCATION, WHERE APPROVED BY THE VA FOR USE IN RISK TYPE B. UPGRADE TO 1 HOUR RATED PARTITION WHEN DIRECTED BY THE VA							

DRAWING TITLE BASEMENT FLOOR INFECTION CONTROL & PHASING PLAN	PROJECT TITLE EHRM INFI UPGRADE		ICTURE	DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN BMW	DRAWING NO.	
	LOCATION VA MEDICAL CEI ST.CLOUD, MN 5		FULLY SPRINKLERED	DWG. OF	







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-ASBESTOS-CONTAINING FLOOR TILE AND MASTIC

Dates

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ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212



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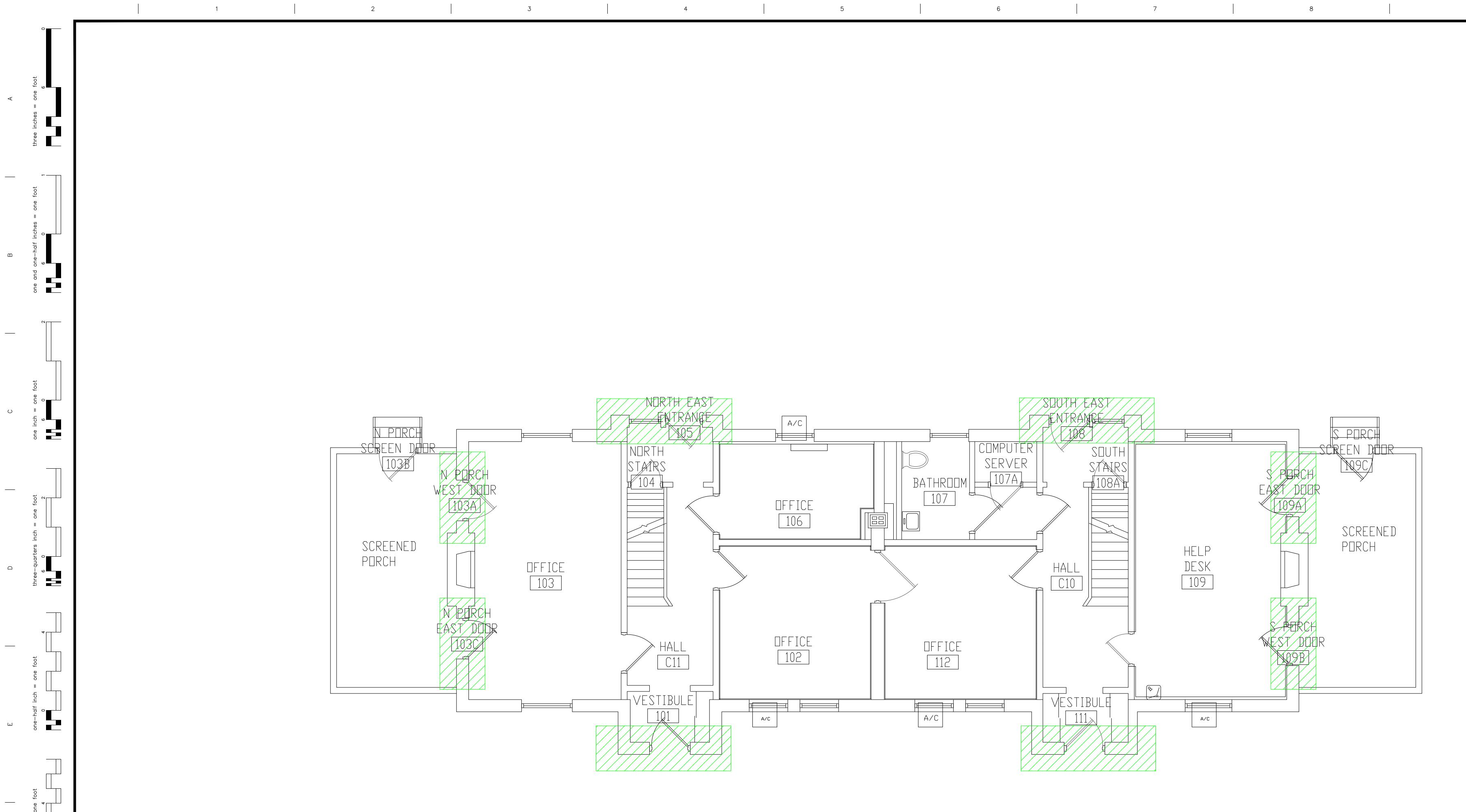
BUILDING #10 - BASEMENT FLOOR PLAN

North:	Drawing Title	Project Title	FACILITY ASBESTOS RE-SURVEY				
NOTITI.	ARCHITECTURAL PLAN						
w o	BUILDING 10 Scale: 1/4" = 1'-0"	MED	VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA				
z Contraction of the second se	Approved : Division Chief	Building Number 010	Checked BLB	Drawn AFS	Drawing No. 1 A		
3 3	Approved : Service Director	Location ST. CLO	ST. CLOUD, MINNESOTA				





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-ASBESTOS-CONTAINING DOOR CAULK

Dates

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ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218–A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952–0212





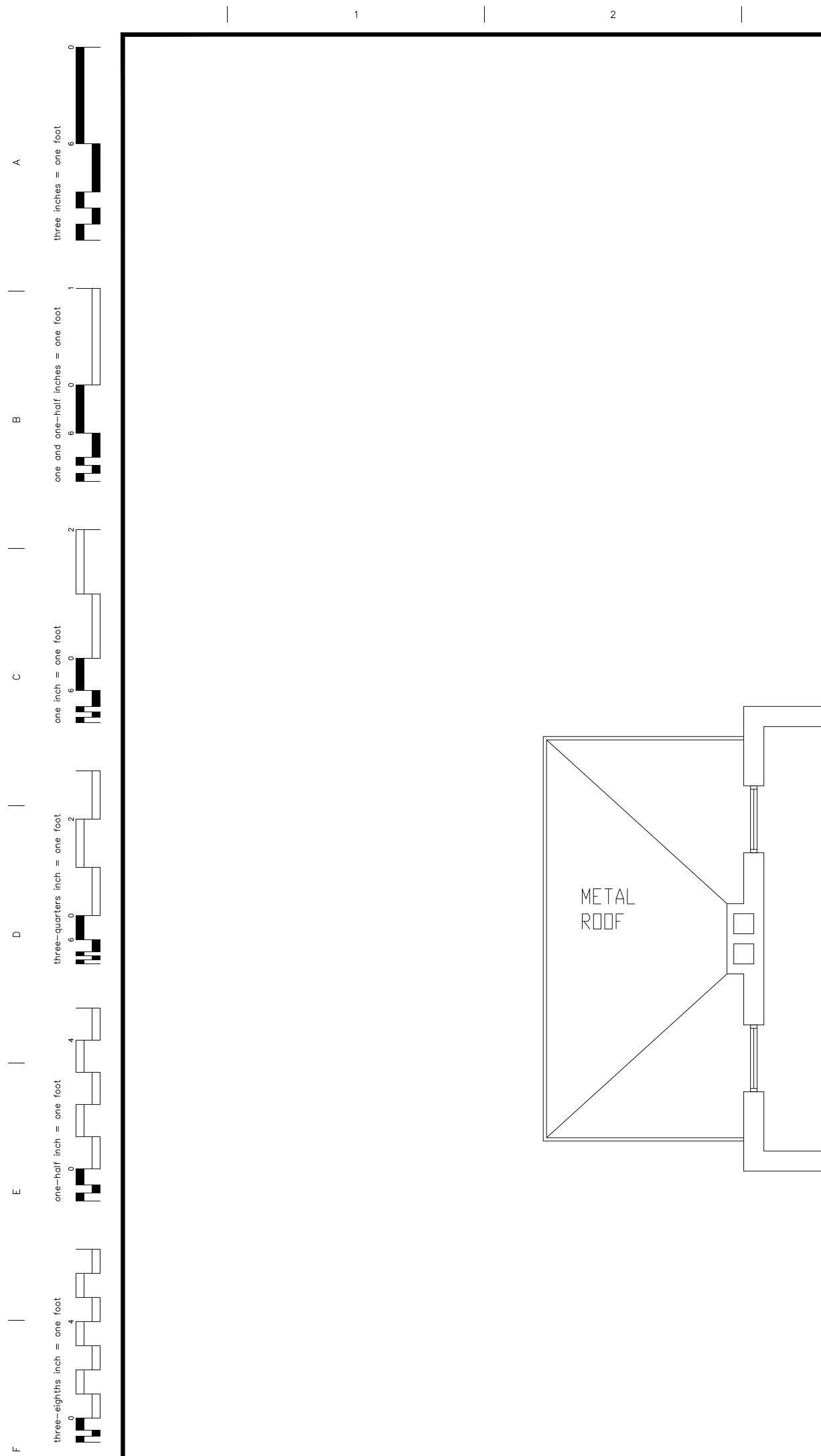
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BUILDING #10 - FIRST FLOOR PLAN

North:	Drawing Title	Project Title			Date
Norm:	ARCHITECTURAL PLAN	FACILITY A	NOVEMBER 2019		
w v v	BUILDING 10 Scale: 1/4" = 1'-0"	MEI ST. CL	Project No. 36C26319P1003		
z - Contraction of the second	Approved : Division Chief	Building Number	Checked BLB	Drawn AFS	Drawing No.
3	Approved : Service Director	Location ST. CLC	DUD, MINNES	OTA	2A Sheet 28 of 71





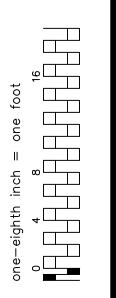


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-ASBESTOS-CONTAINING LIGHT FIXTURE LINER

Dates

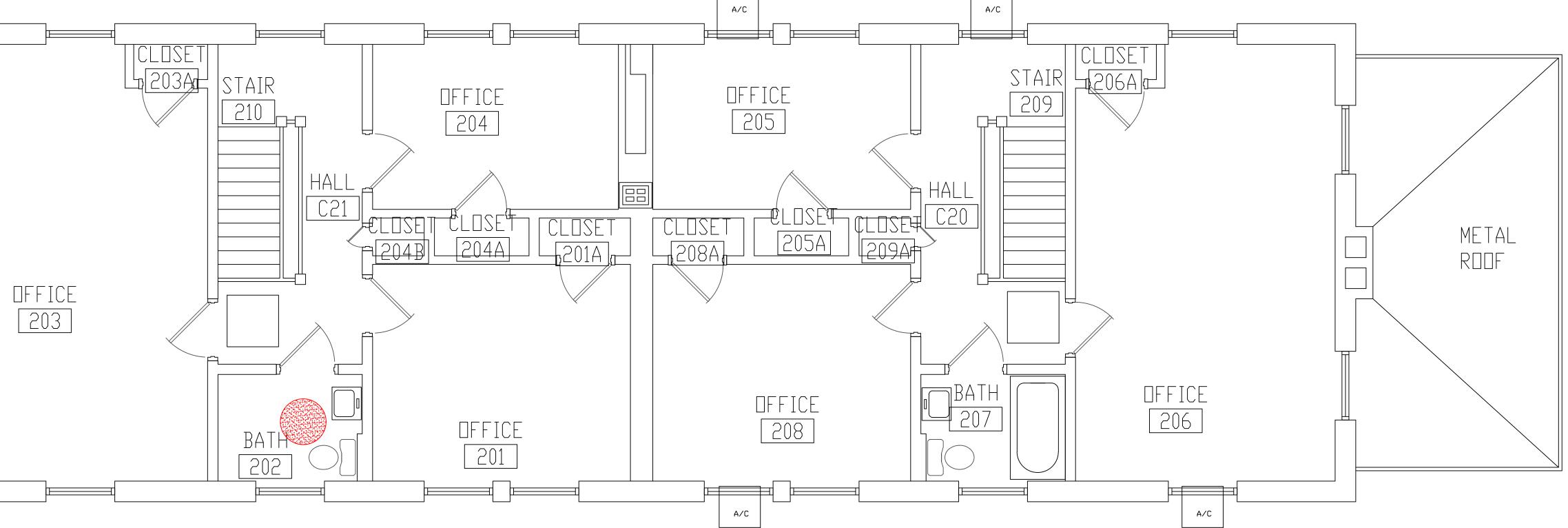
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Revisions

r inch = one foot

ENVIRONMENTAL CONSULTANT: CASTLE HILL ASSOCIATES, LLC. 218–A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952–0212



BUILDING #10 - SECOND FLOOR PLAN





4

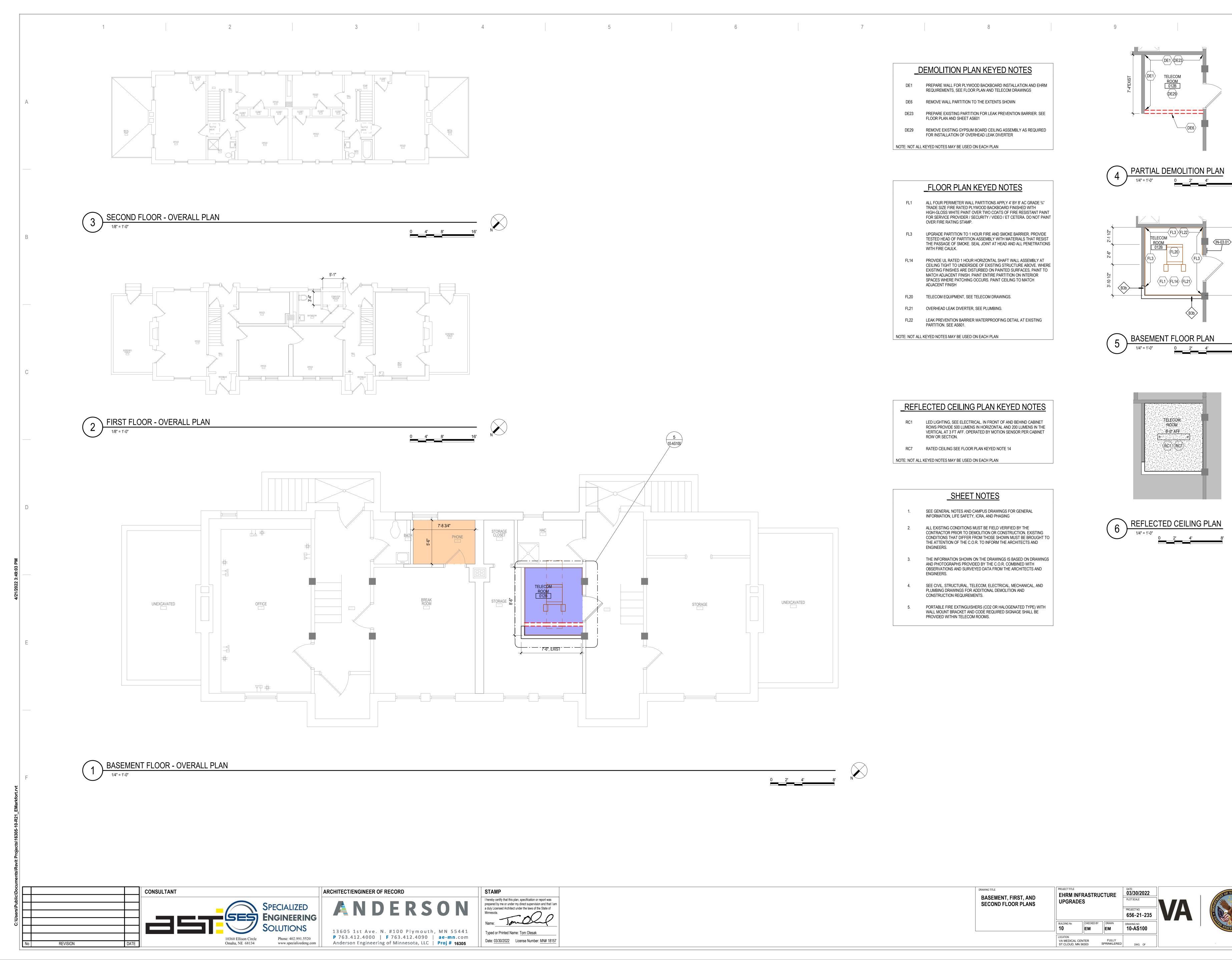


North:	Drawing Title	Project Title			Date		
NOTIT:	ARCHITECTURAL PLAN		FACILITY ASBESTOS RE-SURVEY				
z - C - C - C - C - C - C - C - C - C -	BUILDING 10 Scale: 1/4" = 1'-0"	VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA			Project No. 36C26319P1003		
	Approved : Division Chief	Building Number	Checked BLB	Drawn AFS	Drawing No.		
	Approved : Service Director	Location ST. CLC	DUD, MINNES	OTA	3A Sheet 29 of 71		





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_ <u>D</u>	EMOLITION PLAN KEYED NOTES
DE1	PREPARE WALL FOR PLYWOOD BACKBOARD INSTALLATION AND EHRM REQUIREMENTS, SEE FLOOR PLAN AND TELECOM DRAWINGS
DE6	REMOVE WALL PARTITION TO THE EXTENTS SHOWN
DE23	PREPARE EXISTING PARTITION FOR LEAK PREVENTION BARRIER. SEE FLOOR PLAN AND SHEET AS601
DE29	REMOVE EXISTING GYPSUM BOARD CEILING ASSEMBLY AS REQUIRED FOR INSTALLATION OF OVERHEAD LEAK DIVERTER

_FLOOR PLAN KEYED NOTES

FL3 UPGRADE PARTITION TO 1 HOUR FIRE AND SMOKE BARRIER. PROVIDE

FL14 PROVIDE UL RATED 1 HOUR HORIZONTAL SHAFT WALL ASSEMBLY AT

FL22 LEAK PREVENTION BARRIER WATERPROOFING DETAIL AT EXISTING

ALL FOUR PERIMETER WALL PARTITIONS APPLY 4' BY 8' AC GRADE 3/4" TRADE SIZE FIRE RATED PLYWOOD BACKBOARD FINISHED WITH HIGH-GLOSS WHITE PAINT OVER TWO COATS OF FIRE RESISTANT PAINT

FOR SERVICE PROVIDER / SECURITY / VIDEO / ET CETERA. DO NOT PAINT

TESTED HEAD OF PARTITION ASSEMBLY WITH MATERIALS THAT RESIST THE PASSAGE OF SMOKE. SEAL JOINT AT HEAD AND ALL PENETRATIONS

CEILING TIGHT TO UNDERSIDE OF EXISTING STRUCTURE ABOVE. WHERE EXISTING FINISHES ARE DISTURBED ON PAINTED SURFACES, PAINT TO MATCH ADJACENT FINISH. PAINT ENTIRE PARTITION ON INTERIOR SPACES WHERE PATCHING OCCURS. PAINT CEILING TO MATCH

NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

OVER FIRE RATING STAMP.

WITH FIRE CAULK.

ADJACENT FINISH

FL20 TELECOM EQUIPMENT, SEE TELECOM DRAWINGS.

FL21 OVERHEAD LEAK DIVERTER, SEE PLUMBING.

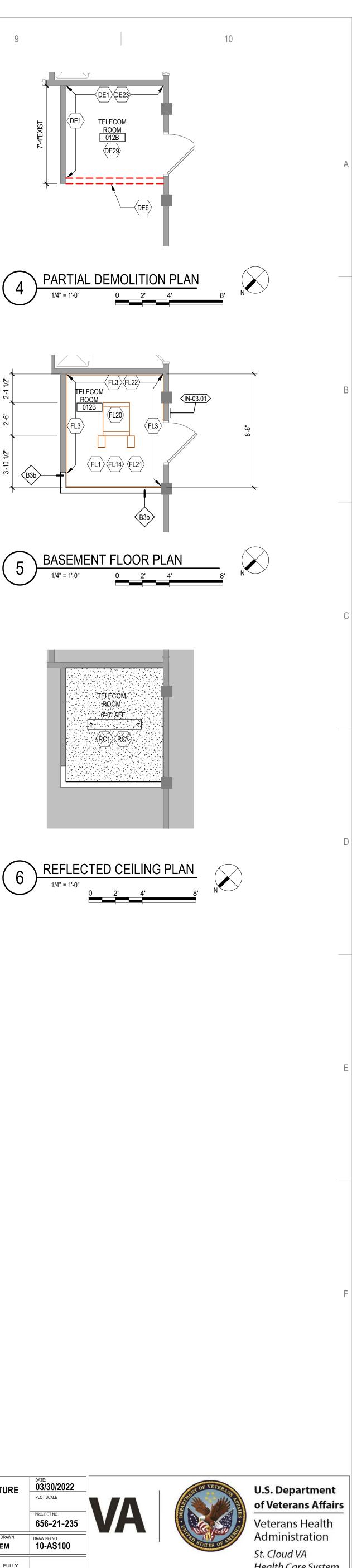
PARTITION. SEE AS601.

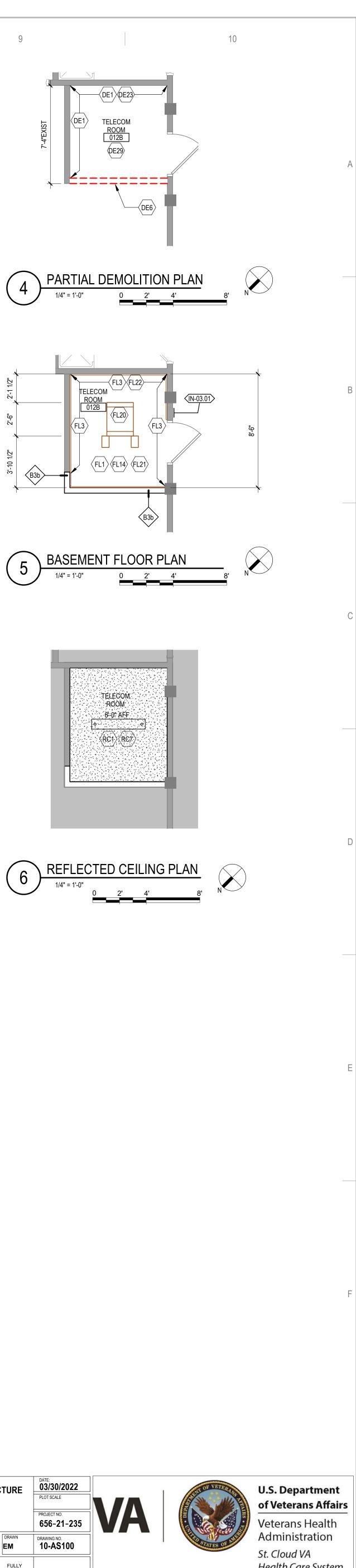
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

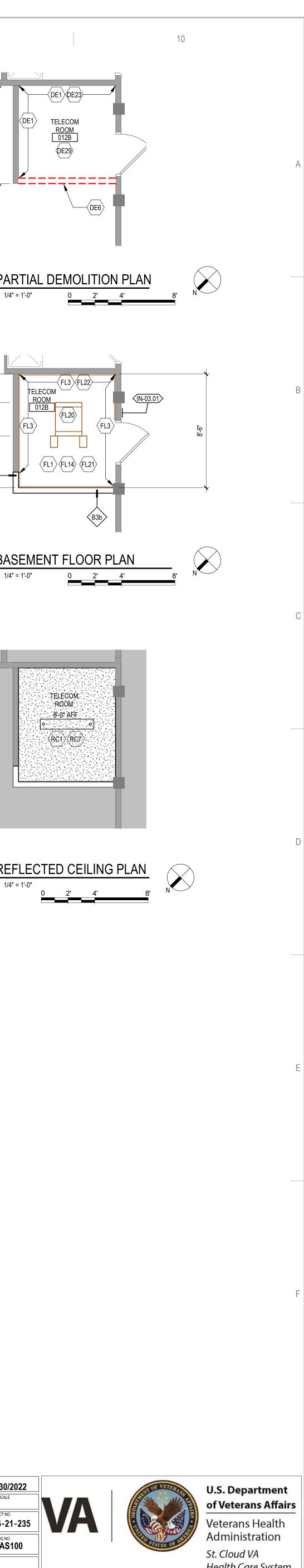
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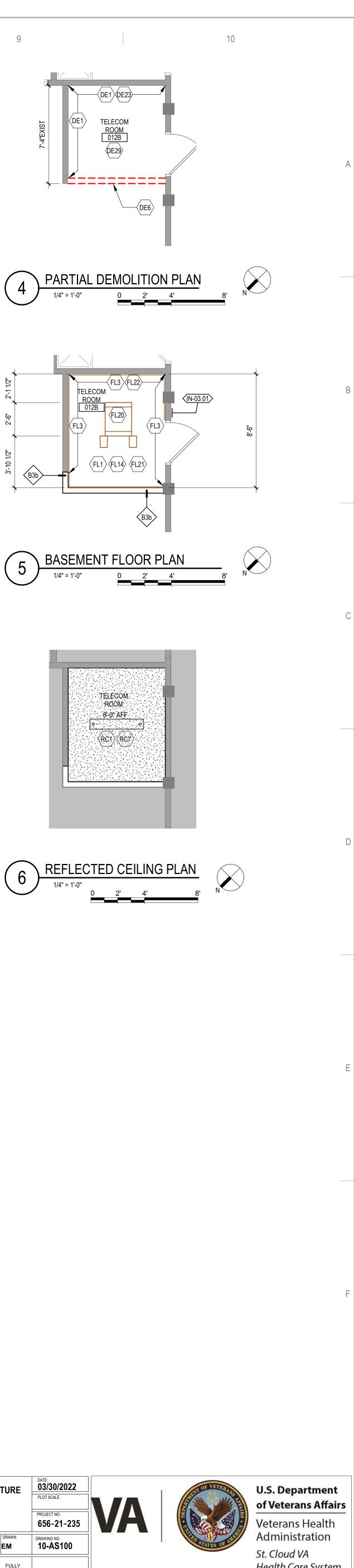


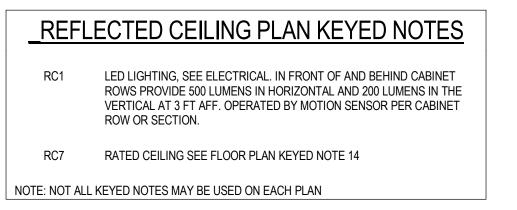










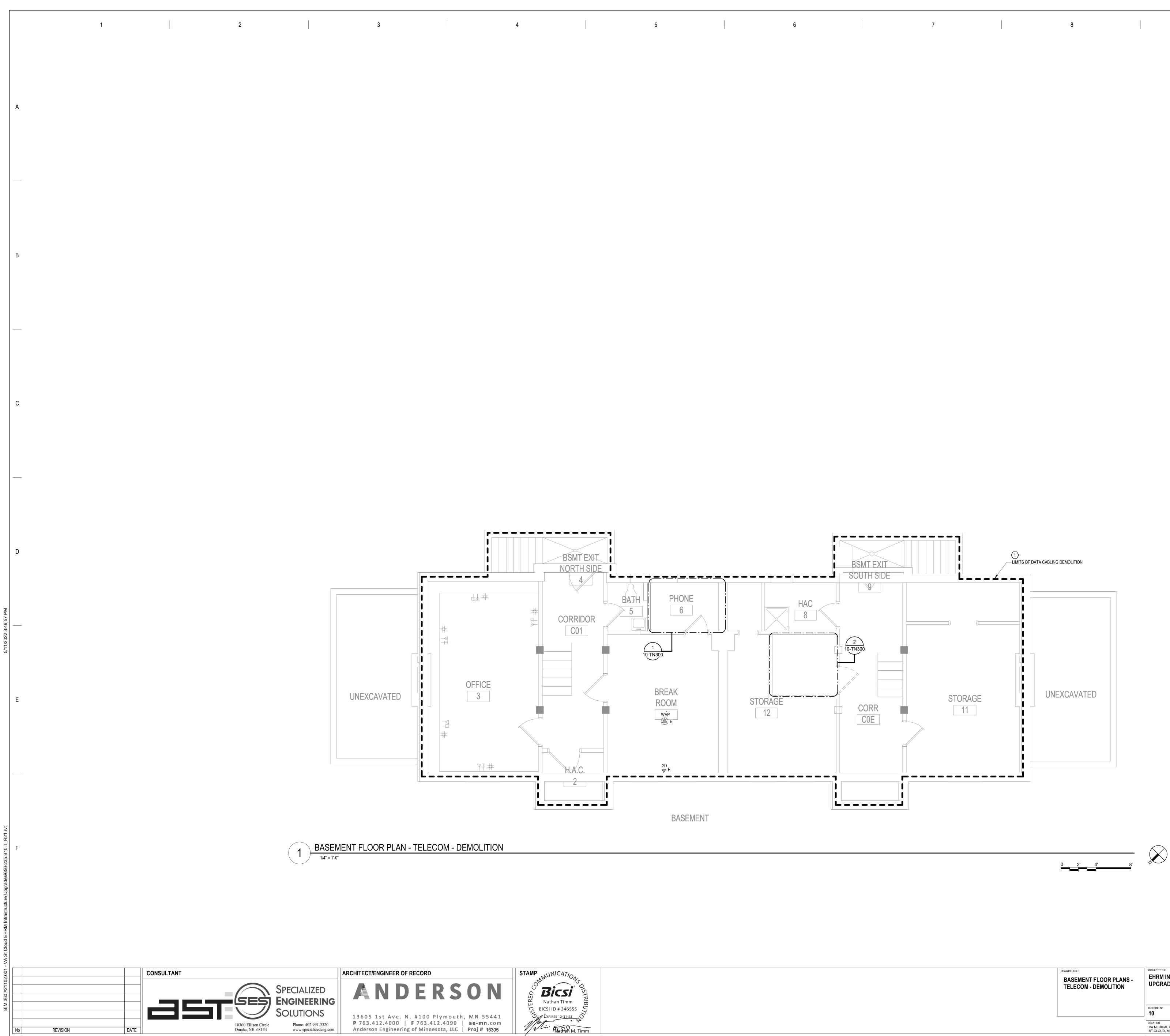


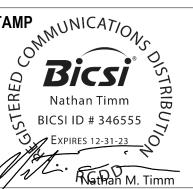
SHEET NOTES

- SEE GENERAL NOTES AND CAMPUS DRAWINGS FOR GENERAL 1. INFORMATION, LIFE SAFETY, ICRA, AND PHASING
- ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO DEMOLITION OR CONSTRUCTION. EXISTING CONDITIONS THAT DIFFER FROM THOSE SHOWN MUST BE BROUGHT TO THE ATTENTION OF THE C.O.R. TO INFORM THE ARCHITECTS AND ENGINEERS.
- THE INFORMATION SHOWN ON THE DRAWINGS IS BASED ON DRAWINGS AND PHOTOGRAPHS PROVIDED BY THE C.O.R. COMBINED WITH OBSERVATIONS AND SURVEYED DATA FROM THE ARCHITECTS AND ENGINEERS.
- SEE CIVIL, STRUCTURAL, TELECOM, ELECTRICAL, MECHANICAL, AND 4. PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.
- PORTABLE FIRE EXTINGUISHERS (CO2 OR HALOGENATED TYPE) WITH 5. WALL MOUNT BRACKET AND CODE REQUIRED SIGNAGE SHALL BE PROVIDED WITHIN TELECOM ROOMS.



DRAWING TITLE BASEMENT, FIRST, AND SECOND FLOOR PLANS	EHRM INFRASTRUCTURE UPGRADES			DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	drawn EM	DRAWING NO. 10-AS100	
	LOCATION VA MEDICAL CEN ST.CLOUD, MN 5		FULLY SPRINKLERED	DWG. OF	





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GENERAL NOTES: A. REFER TO GENERAL DEMOLITION I

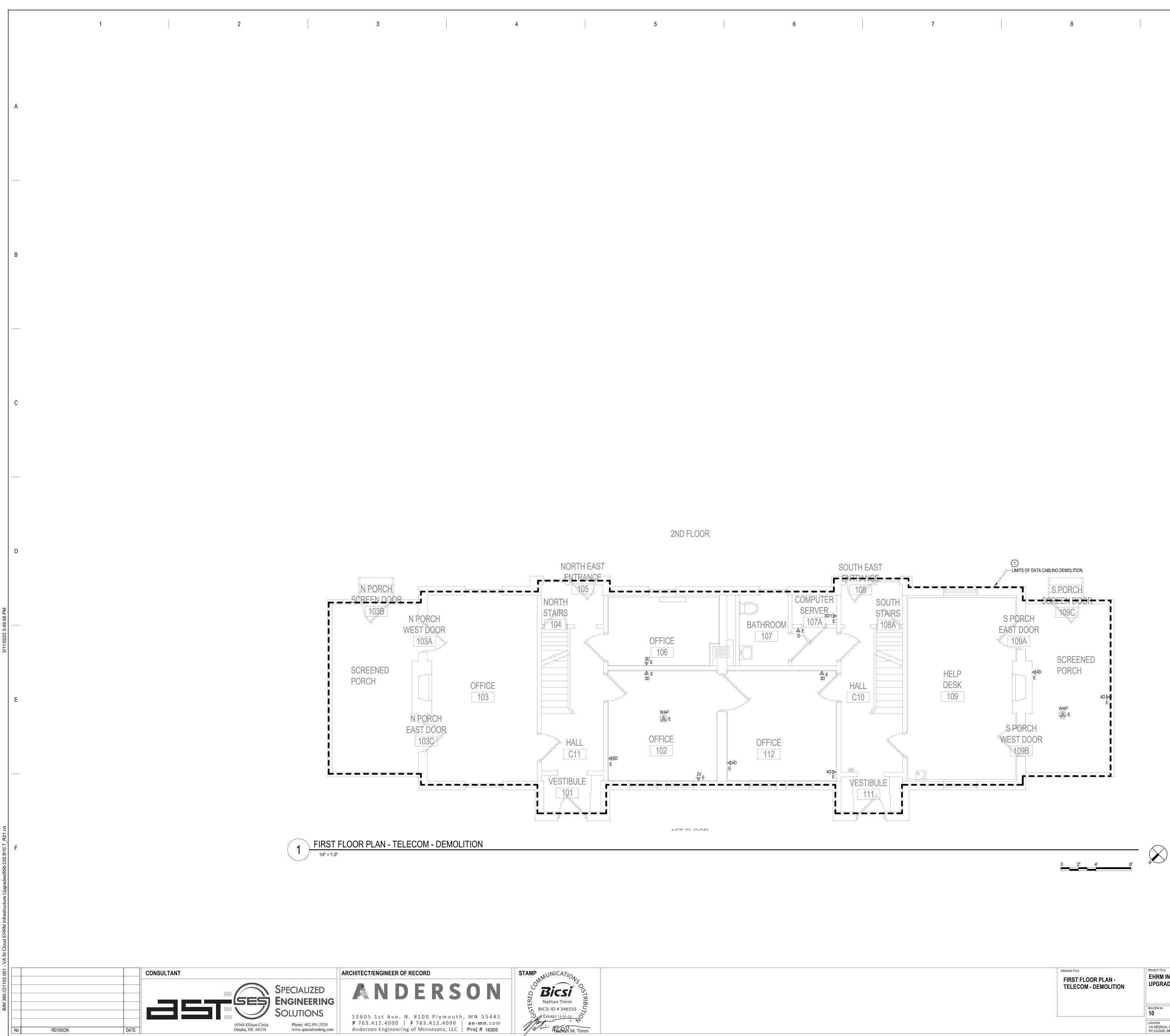
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E	DRAWING TITLE BASEMENT FLOOR PLANS - TELECOM - DEMOLITION		EHRM INFRASTRUCTURE UPGRADES			VA
		BUILDING No 10	CHECKED BY	drawn SSK	drawing no. 10-TD100	
		LOCATION VA MEDICAL CEN ST.CLOUD, MN 50		FULLY SPRINKLERED	DWG. OF	

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DLITION NOTES ON SHEET T000 FOR ADDITIONAL DEMOLITION SCOPE. TING DATA CABLE THROUGHOUT THIS AREA IS SUFFICIENT TO REMAIN. NEW RETAIN EXISTING CABLING IN SERVICE	A	
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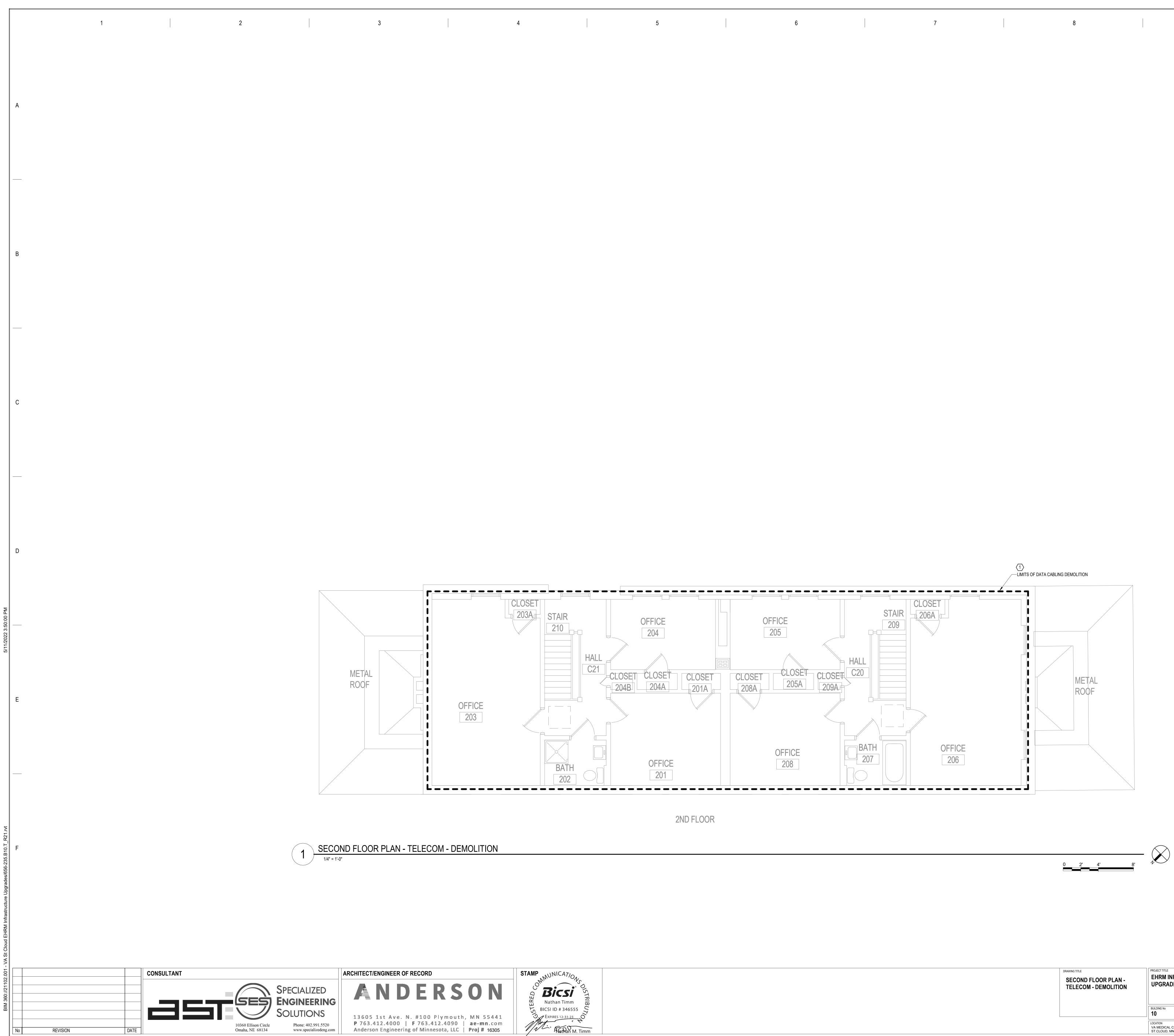
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SHEET NOTES: 1. RETAIN DATA CABLE: EXISTING DAT CABLING NOT REQUIRED. RETAIN E

DRAWING TITLE FIRST FLOOR PLAN - TELECOM - DEMOLITION	EHRM INFRASTRUCTURE UPGRADES			DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN	drawing no. 10-TD110	
	LOCATION VA MEDICAL CEN ST.CLOUD, MN 56		FULLY SPRINKLERED	DWG. OF	

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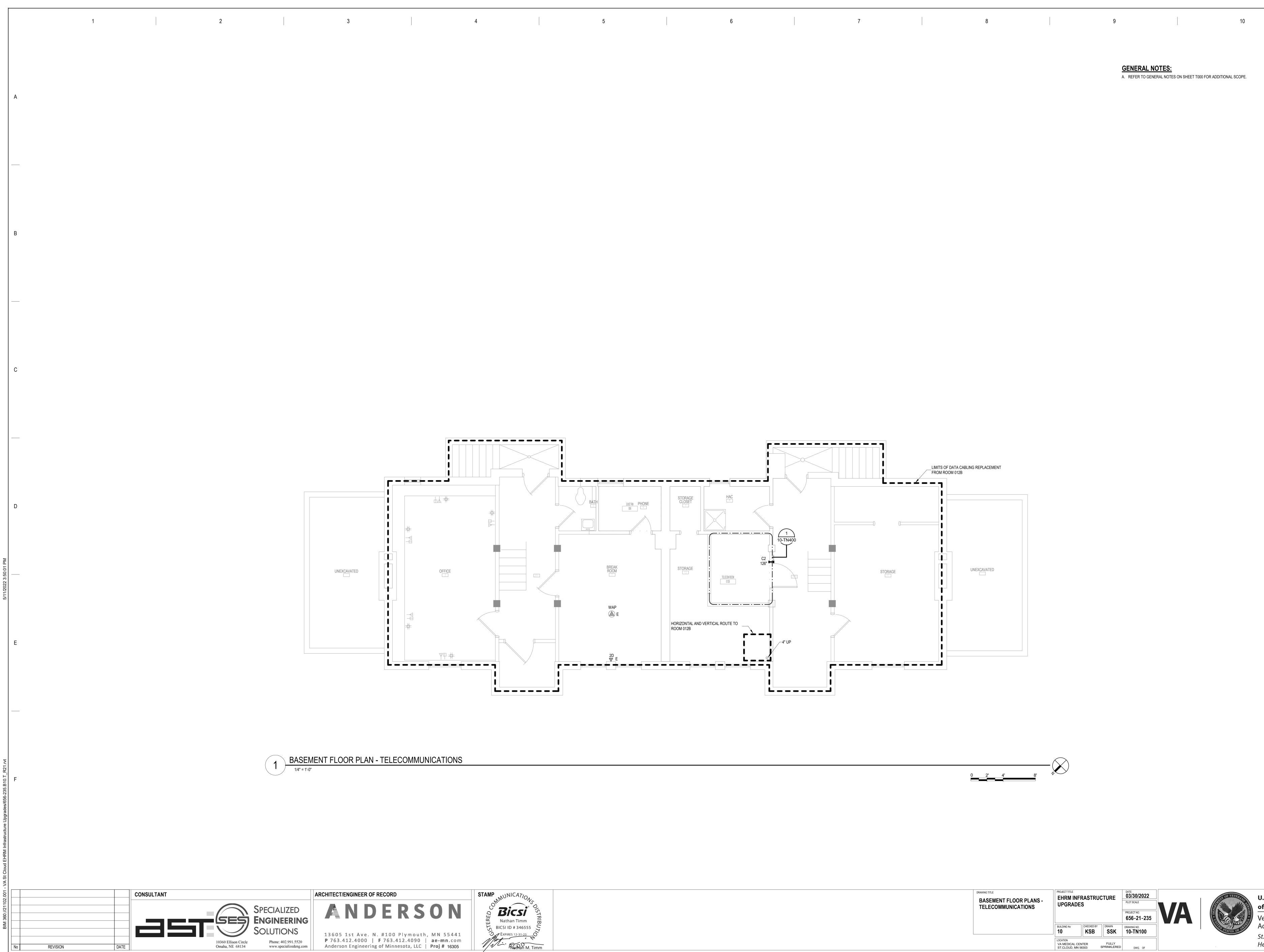
GENERAL NOTES: A. REFER TO GENERAL DEMOLITION I

SHEET NOTES: 1. RETAIN DATA CABLE: EXISTING DAT CABLING NOT REQUIRED. RETAIN E

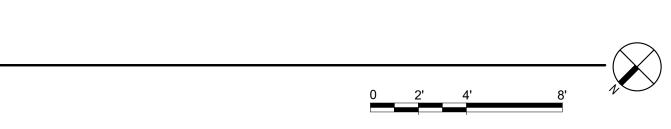
SECOND FLOOR PLAN - TELECOM - DEMOLITION	EHRM INFRASTRUCTURE UPGRADES			PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN SSK	DRAWING NO.	
	LOCATION VA MEDICAL CE ST.CLOUD, MN S		FULLY SPRINKLERED	DWG. OF	

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DLITION NOTES ON SHEET T000 FOR ADDITIONAL DEMOLITION SCOPE.	
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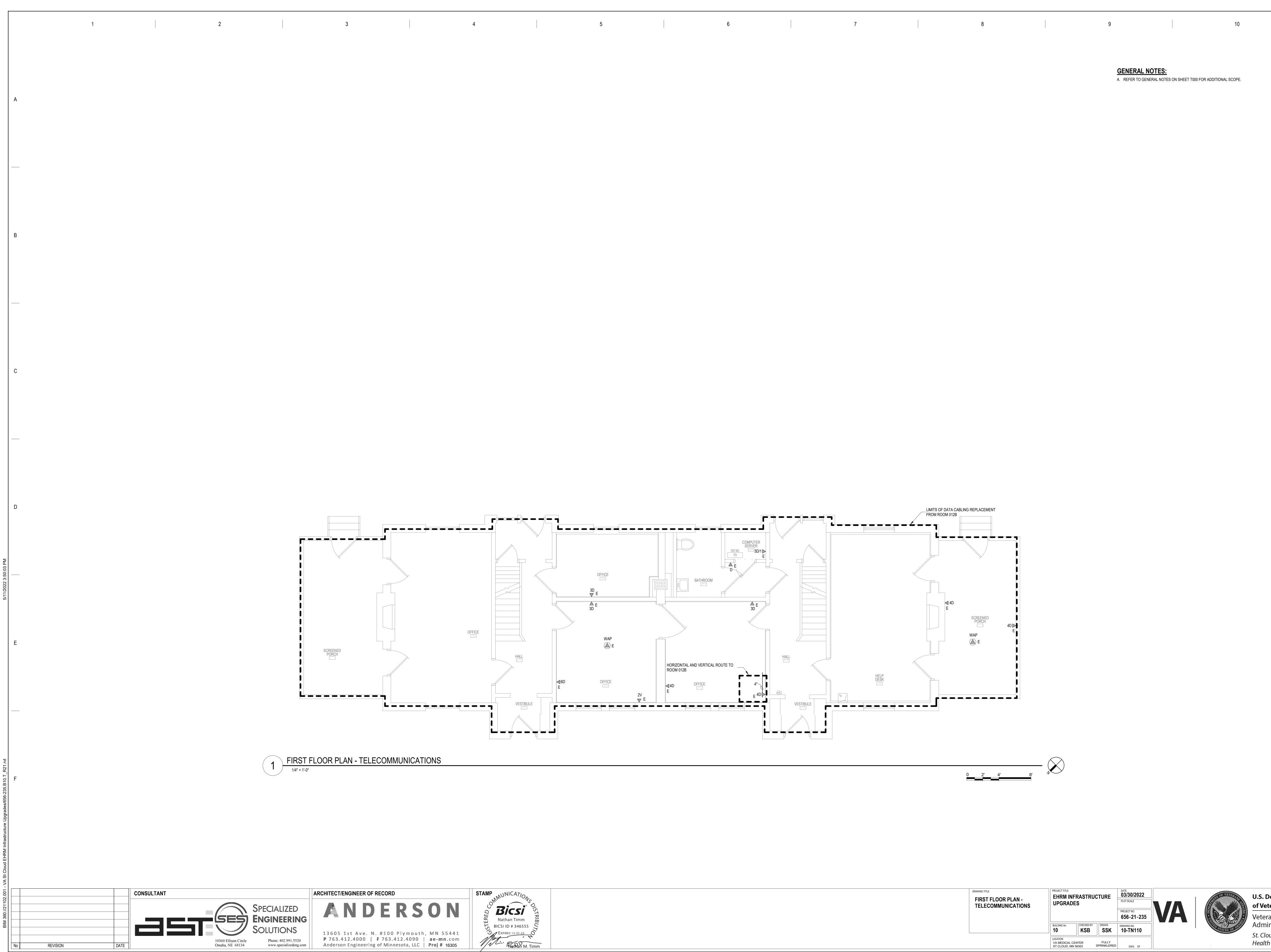
DRAWING TITLE BASEMENT FLOOR PLANS - TELECOMMUNICATIONS	MENT FLOOR PLANS - EHRM INFRASTRUCTURE		ICTURE	DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN SSK	drawing no. 10-TN100	
	LOCATION VA MEDICAL CEI ST.CLOUD, MN 5		FULLY SPRINKLERED	DWG. OF	



GENERAL NOTES:

A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.





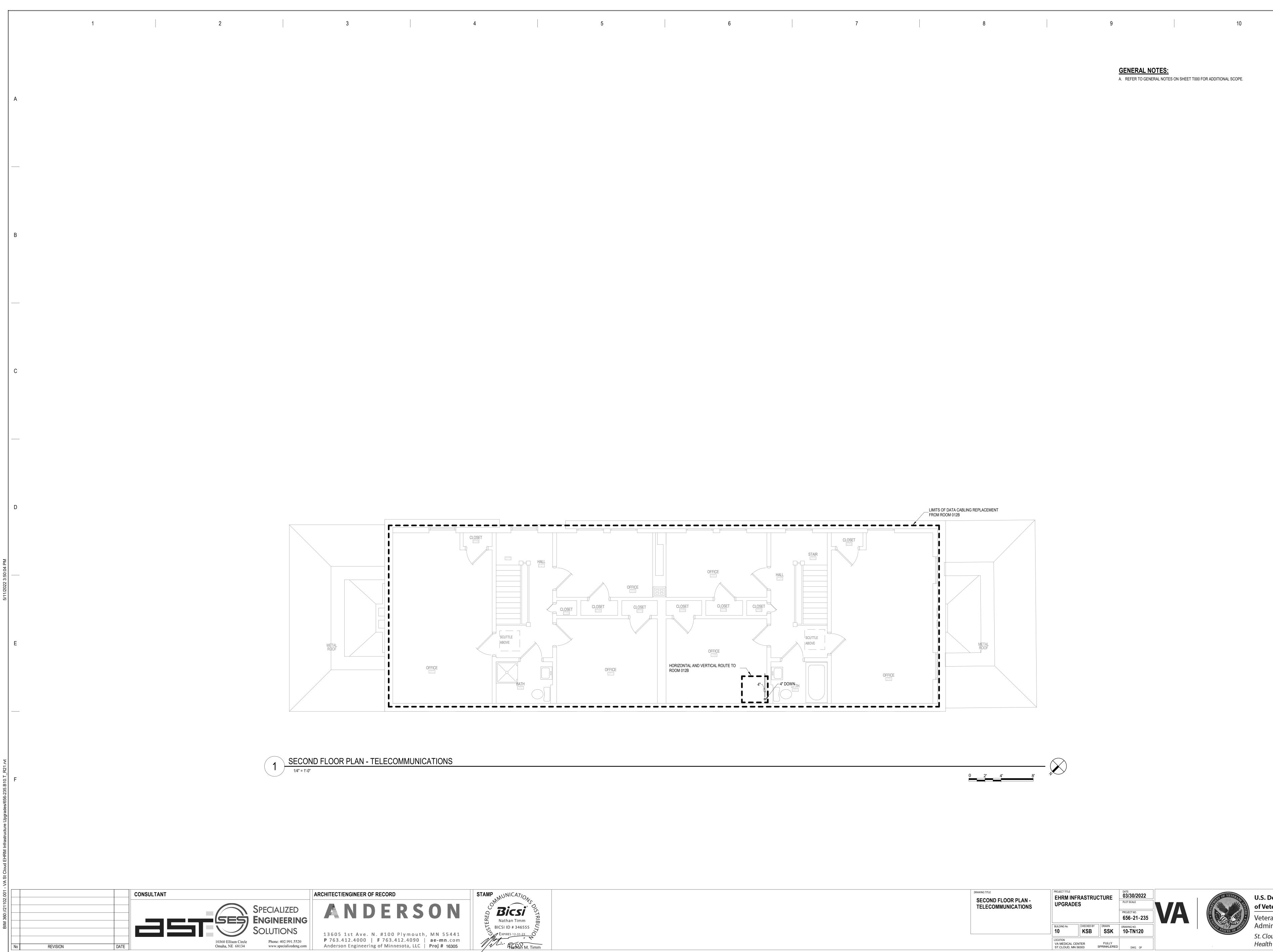


G	ENERAL NOTES:
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FIRST FLOOR PLAN - TELECOMMUNICATIONS	EHRM INFRASTRUCTURE			DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN SSK	DRAWING NO. 10-TN110	
	LOCATION VA MEDICAL C ST.CLOUD, MN		FULLY SPRINKLERED	DWG. OF	

A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.





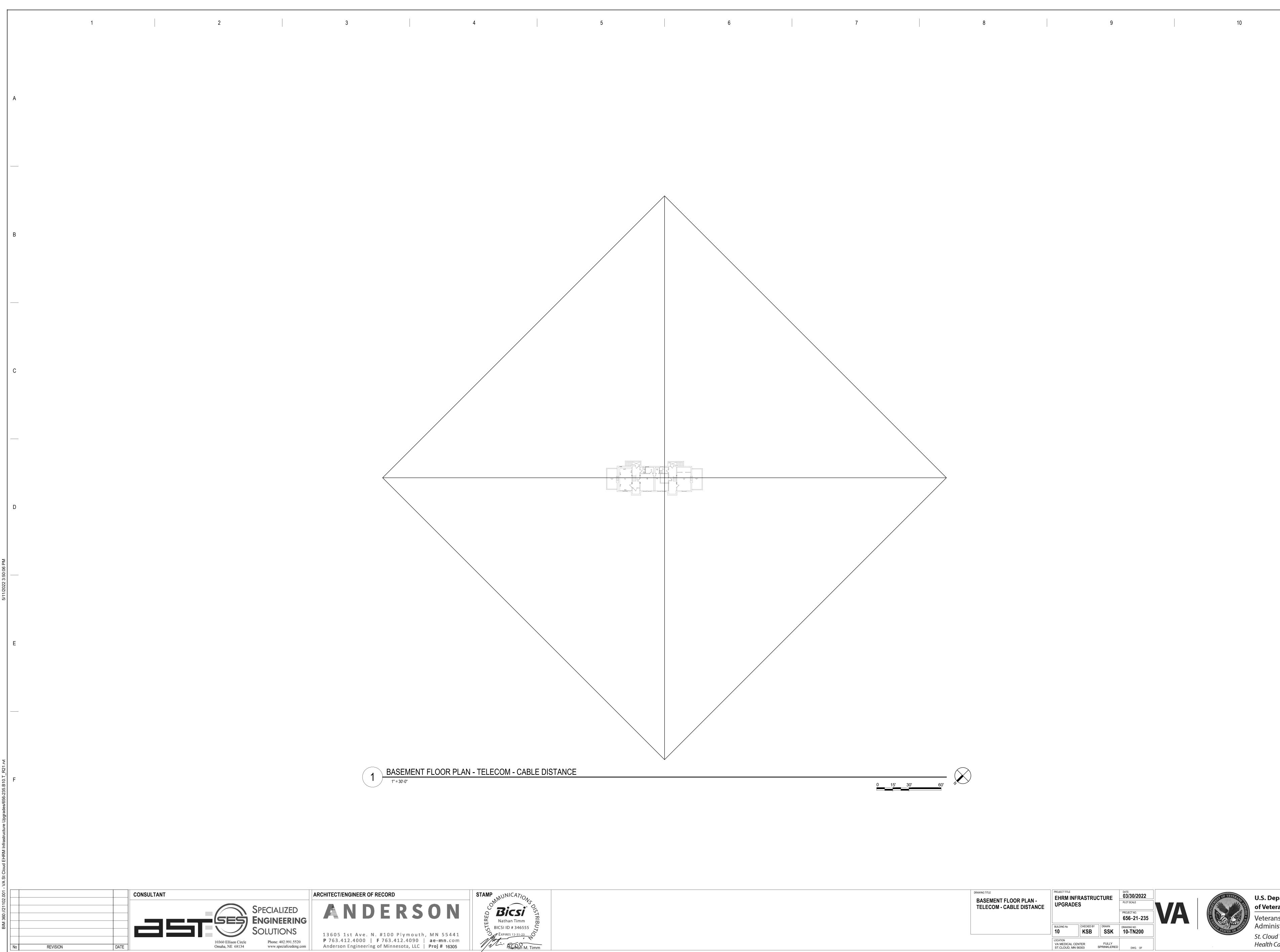


<u>G</u>	ENERAL NOTES:
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DRAWING TITLE SECOND FLOOR PLAN - TELECOMMUNICATIONS			DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA	
	BUILDING No	CHECKED BY	DRAWN SSK	drawing no.	
	LOCATION VA MEDICAL CI ST.CLOUD, MN		FULLY SPRINKLERED	DWG. OF	

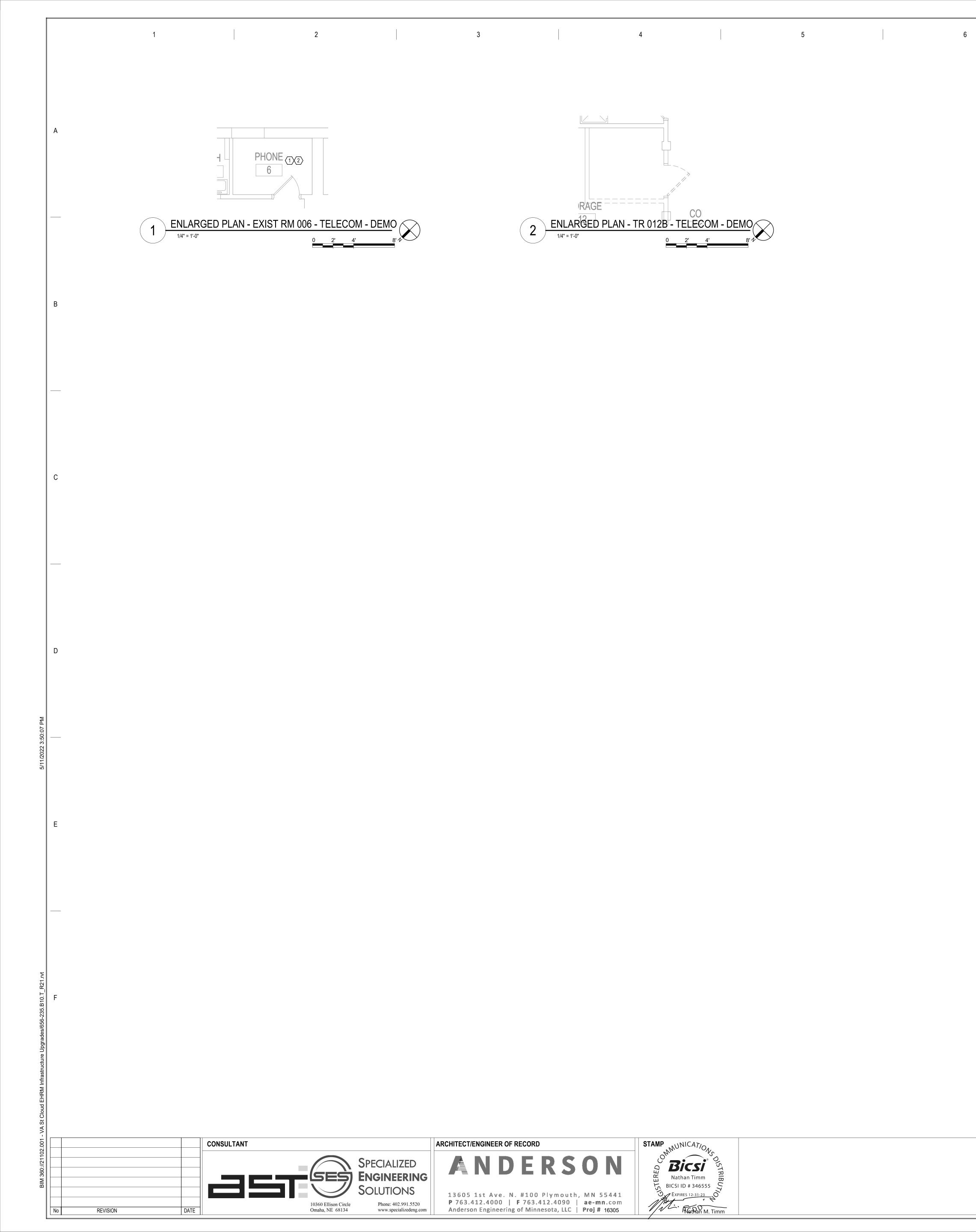
A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.





DRAWING TITLE BASEMENT FLOOR PLAN - TELECOM - CABLE DISTANCE	PROJECT TITLE EHRM INF UPGRADE		CTURE	DATE: 03/30/2022 PLOT SCALE	
				PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN SSK	DRAWING NO.	
	LOCATION VA MEDICAL CE ST.CLOUD, MN 5		FULLY SPRINKLERED	DWG. OF	





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		GENERAL NOTES: A. REFER TO GENERAL DEMOLITION
		SHEET NOTES:

DRAWING TITLE

EHRM INFRASTRUCTURE 03/30/2022 ENLARGED PLANS -TELECOMMUNICATIONS -DEMO PLOT SCALE UPGRADES BUILDING No

PROJECT NO. 656-21-235 CHECKED BY DRAWN DRAWING NO. KSB SSK 10-TN300 LOCATION VA MEDICAL CENTER ST.CLOUD, MN 56303 FULLY SPRINKLERED DWG. OF

TION NOTES ON SHEET T000 FOR ADDITIONAL DEMOLITION SCOPE.

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IONS CAGE AND RACK SHALL BE INCLUDED WITHIN THE SCOPE OF DEMOLITION. CIATED OUTLETS SHALL BE REMOVED AND REPLACED 1 FOR 1 AND REFED IENT LOCATED WITHIN THE NEW TELECOMMUNICATIONS ROOM. REFER TO GENERAL CABLING NOTES FOR APPROXIMATE QUANTITIES. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES. EXISTING CABLE TRAY, SECURITY CAMERAS, GROUND BUS BARS, AND RACKS FROM DECOMMISSIONED ROOMS ARE TO BE REUSED, WHEN POSSBILE, IN NEW CONSTRUCTION TRS.

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE

CABLING NOTE:

CABLING NOTES:

PROJECT.

I. <u>ROOM 006</u> EXISTING CABLE COUNT

CABLE RELOCATION COUNT

EXISTING CABLE TO REMAIN

DATA (CAT6): 104

DATA (CAT5e): 0 DATA (CAT5): 0 DATA (CAT3): 0

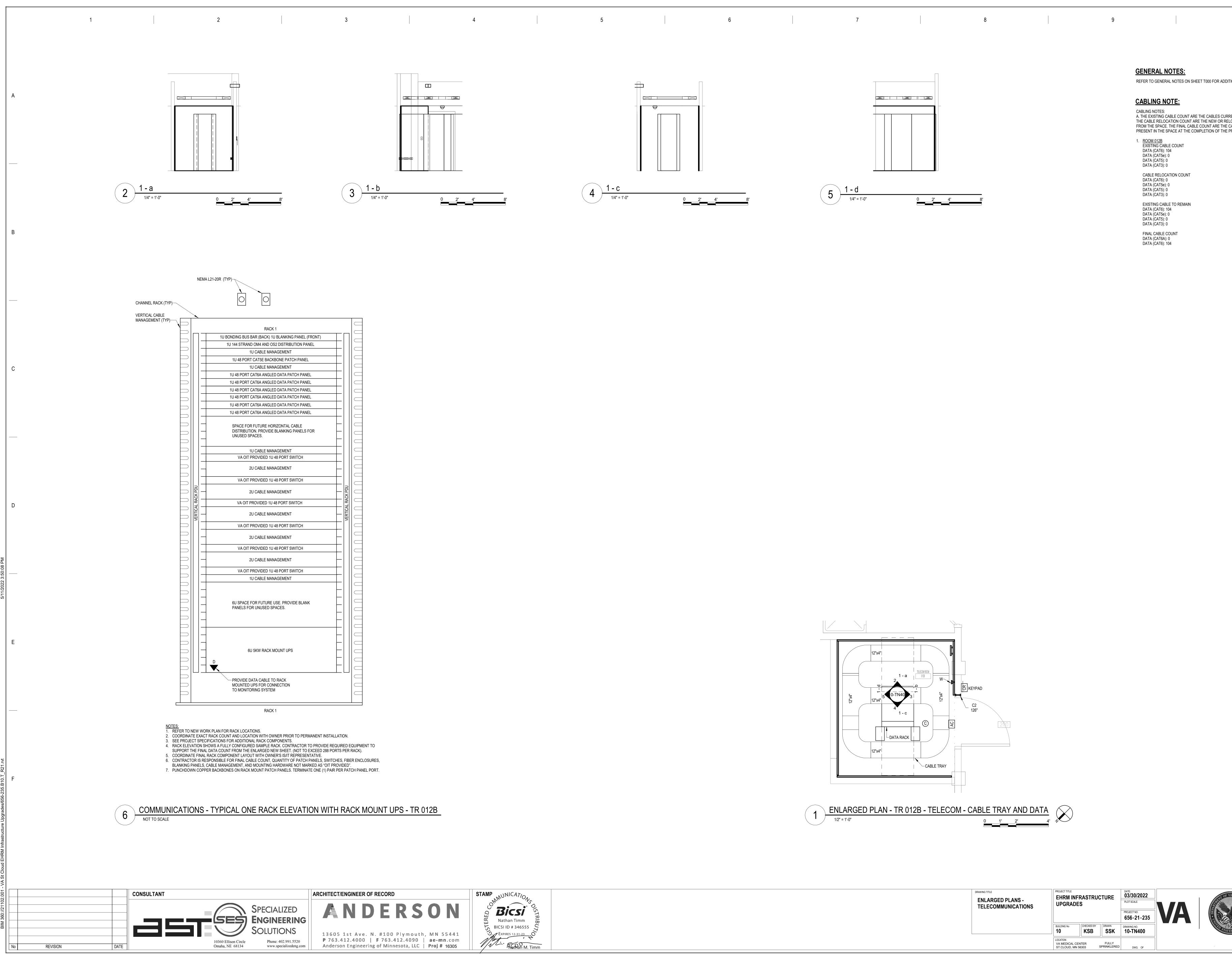
DATA (CAT6): 0 DATA (CAT5e): 0 DATA (CAT5): 0

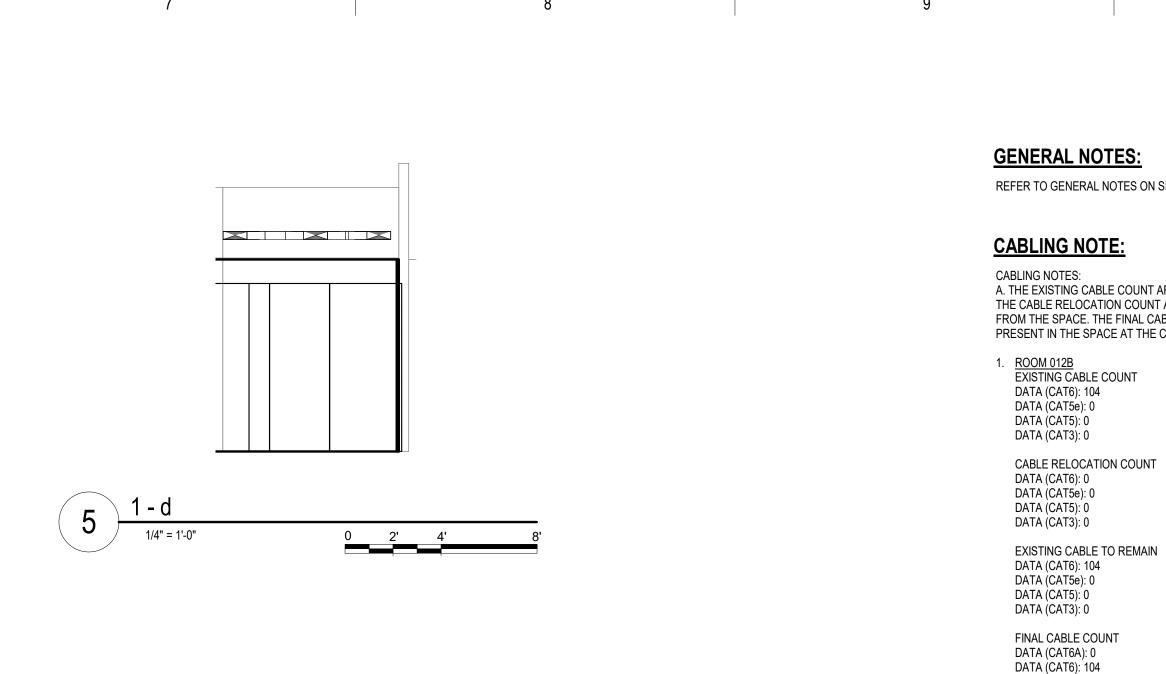
DATA (CAT3): 0

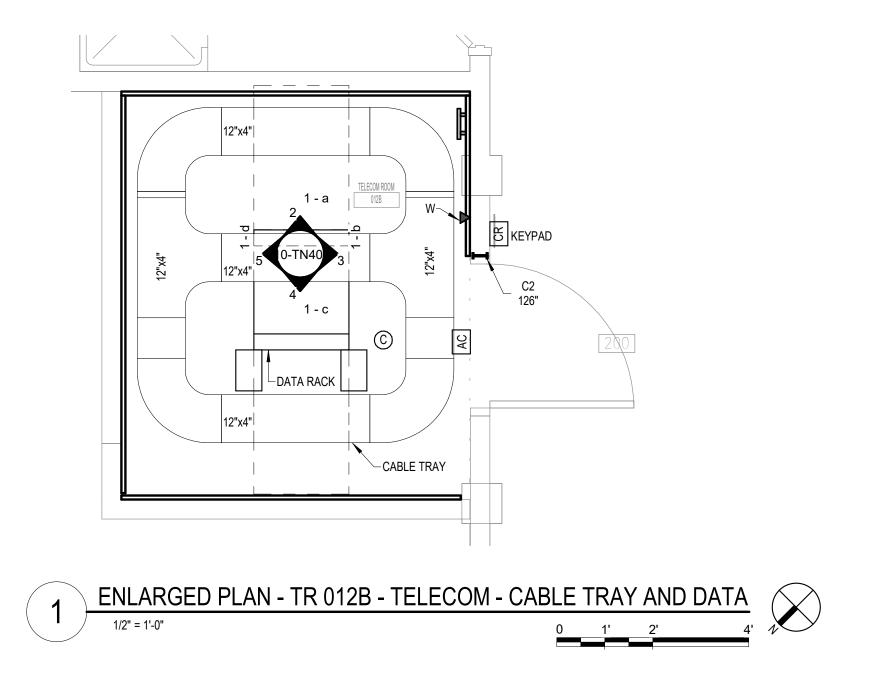
DATA (CAT6): 104 DATA (CAT5e): 0 DATA (CAT5): 0 DATA (CAT3): 0

FINAL CABLE COUNT DATA (CAT6): 104 DATA (CAT5e): 0 DATA (CAT5): 0 DATA (CAT3): 0







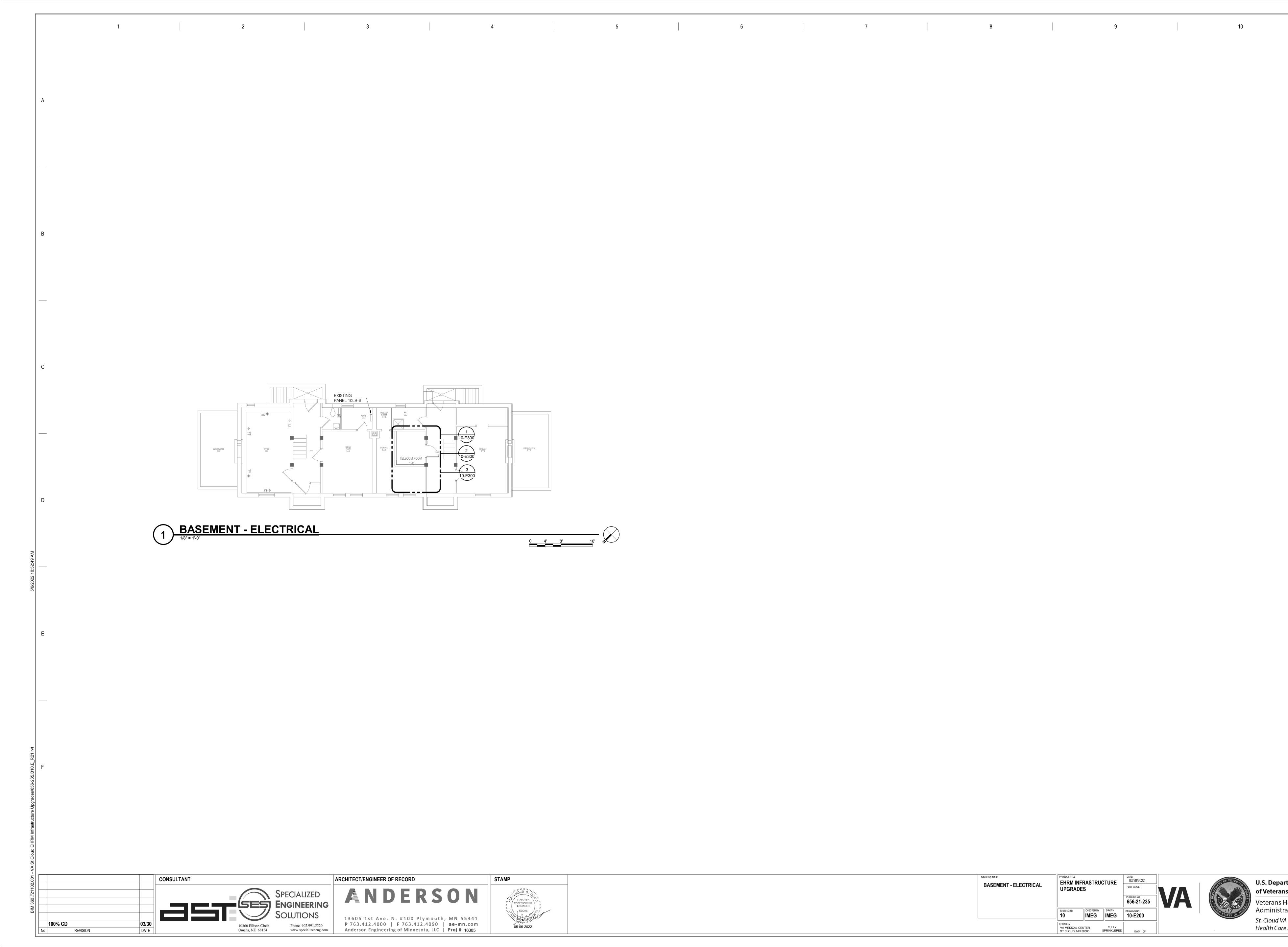


	DRAWING TITLE ENLARGED PLANS - TELECOMMUNICATIONS	PROJECT TITLE EHRM IN UPGRAD	FRASTRU ES	CTURE	DATE: 03/30/2022 PLOT SCALE	
					PROJECT NO. 656-21-235	VA
		BUILDING No 10	CHECKED BY	DRAWN	drawing no.	
		LOCATION VA MEDICAL C ST.CLOUD, MM		FULLY SPRINKLERED	DWG. OF	

REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.

A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.





DRAWING TITLE BASEMENT - ELECTRICAL		EHRM INFRASTRUCTURE UPGRADES			
				PROJECT NO. 656-21-235	IVA
	BUILDING No	CHECKED BY		DRAWING NO. 10-E200	
	LOCATION VA MEDICAL C ST.CLOUD, MM		FULLY SPRINKLERED	DWG. OF	

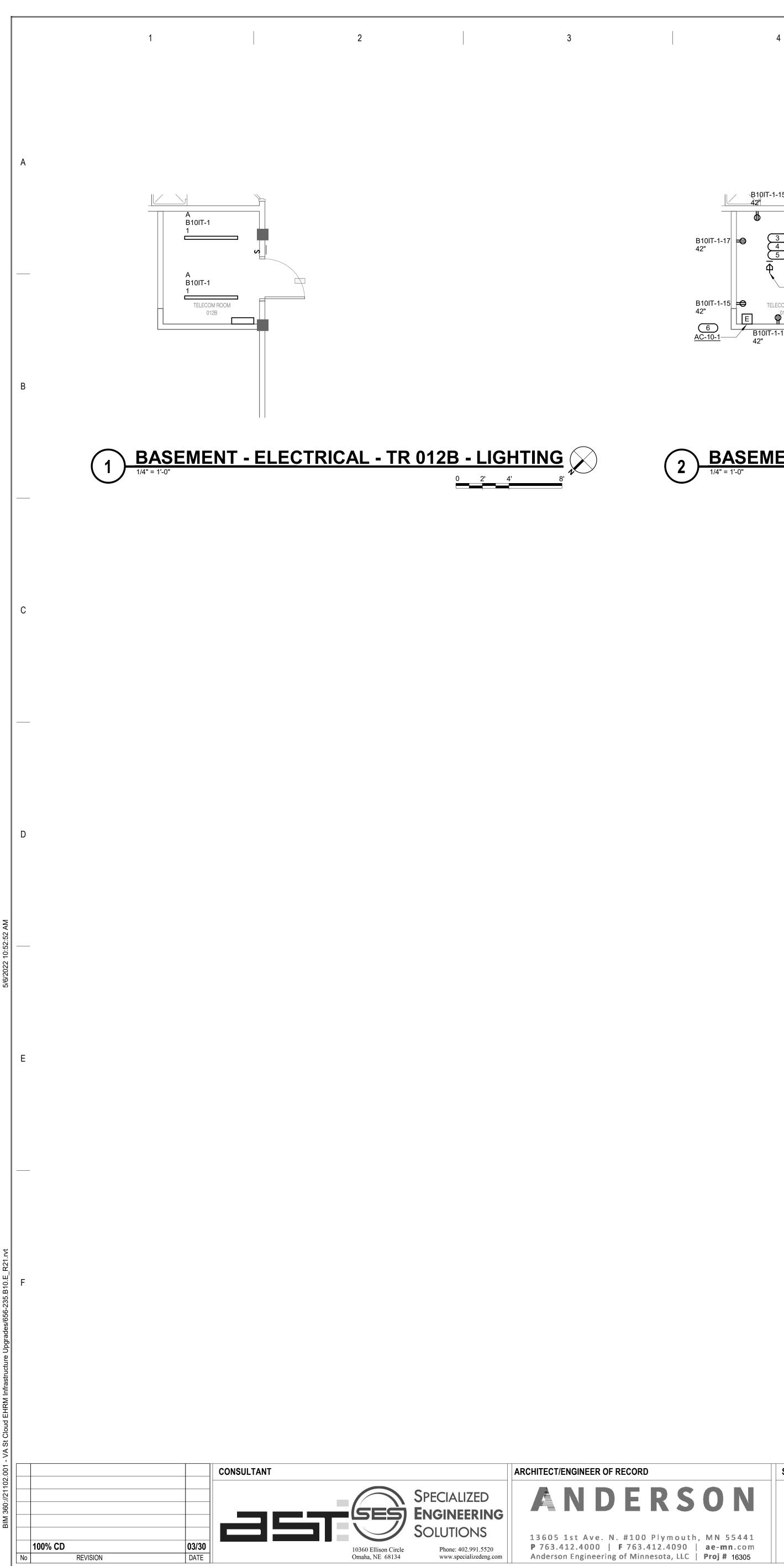


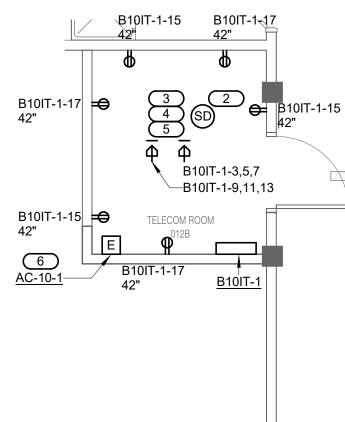


DRAWING TITLE FIRST FLOOR - ELECTRICAL	PROJECT TITLE EHRM IN UPGRAD	FRASTRU ES	ICTURE	DATE: 03/30/2022 PLOT SCALE	
				PROJECT NO. 656-21-235	V
	BUILDING No	CHECKED BY	drawn IMEG	DRAWING NO. 10-E201	
	LOCATION VA MEDICAL C ST.CLOUD, MI		FULLY SPRINKLERED	DWG. OF	

KEYNOTES: # 1. PROVIDE ELECTRICAL CONNECTION TO CONDENSING UNIT, AS REQUIRED. COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL.

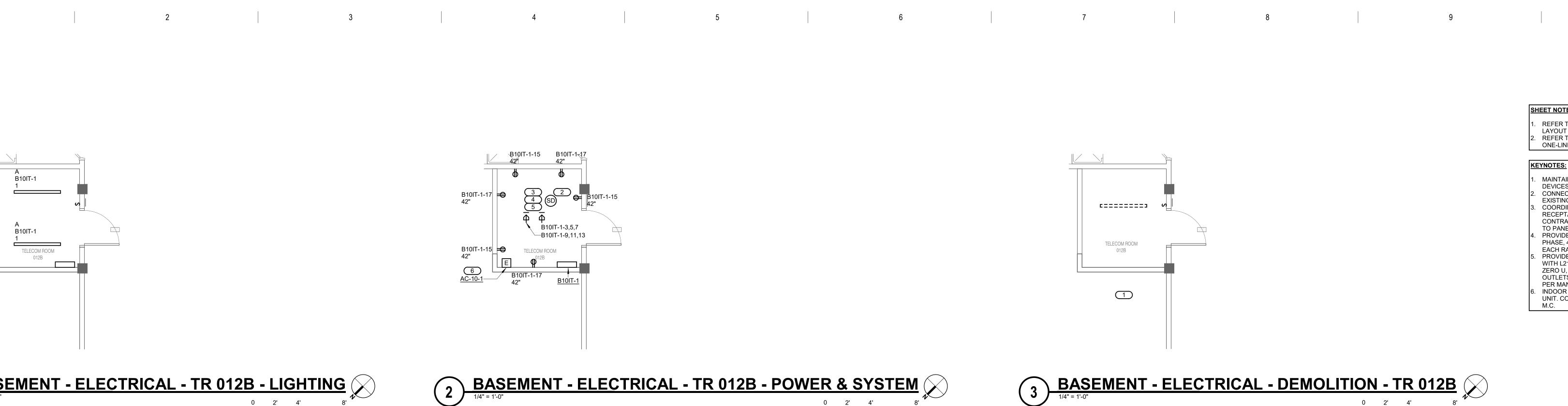










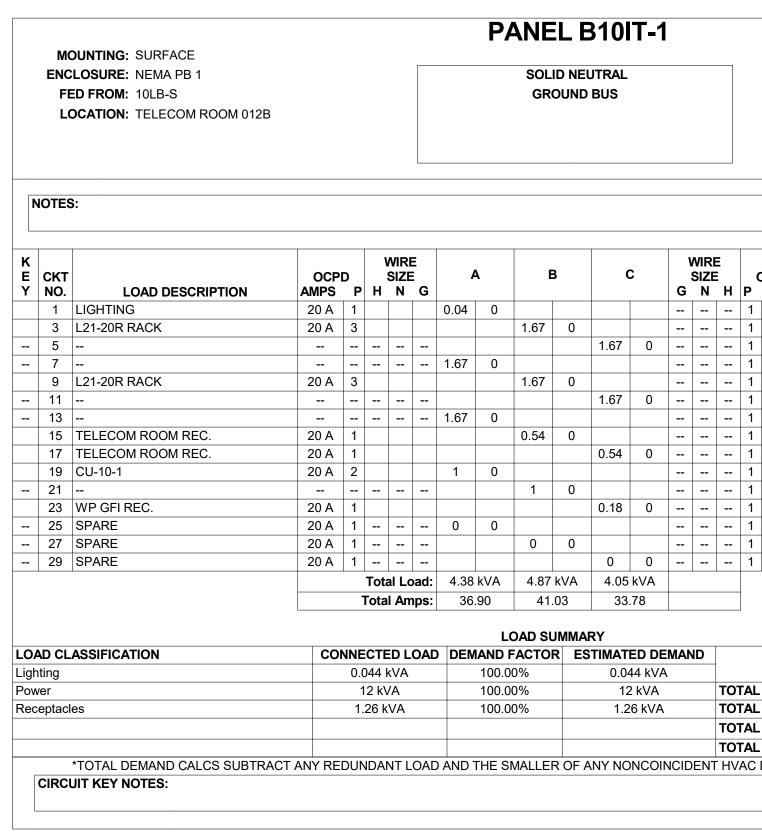


ELECTRICAL ENLARGED PLANS		UPGRADES				
				PROJECT NO. 656-21-235		
	BUILDING No 10	CHECKED BY		DRAWING NO. 10-E300		
	LOCATION VA MEDICAL CI ST.CLOUD, MN		FULLY	DWG. OF		

SHEET NOTES: REFER TO TECHNOLOGY PLANS IT ROOM LAYOUT AND RACK LAYOUT/DETAILS. REFER TO SHEET 0-GE400 DETAIL LAYOUT & ONE-LINE OF RACK. KEYNOTES: # MAINTAIN CIRCUIT CONTINUITY TO REMAINING DEVICES IN ROOM. CONNECT SMOKE DETECTOR TO NEAREST EXISTING SLC. COORDINATE FINAL LOCATION OF RECEPTACLE L21-20R WITH TELECOM CONTRACTOR. PROVIDE 3/4"C-4#12, 1#12 GND TO PANEL FOR EACH RECEPTACLE. PROVIDE EATON BLADEUPS, 5KW, 120/208V, 3-PHASE, 4-WIRE RACK MOUNTED UPS FOR EACH RACK TOWER. . PROVIDE APC#AP8861 RPDU RACK PDU 2G WITH L21-20P CORD. (120/208V, 3-PHASE, 20A, ZERO U, 5.7 KW, 208V, (36) C13 (6) C19 (2) 5-20R OUTLETS. PROVIDE TWO PER RACK, MOUNTED PER MANUFACTURER'S REQUIREMENTS. INDOOR UNIT TO BE POWERED BY OUTDOOR UNIT. COORDINATE EXACT LOCATION WITH M.C.

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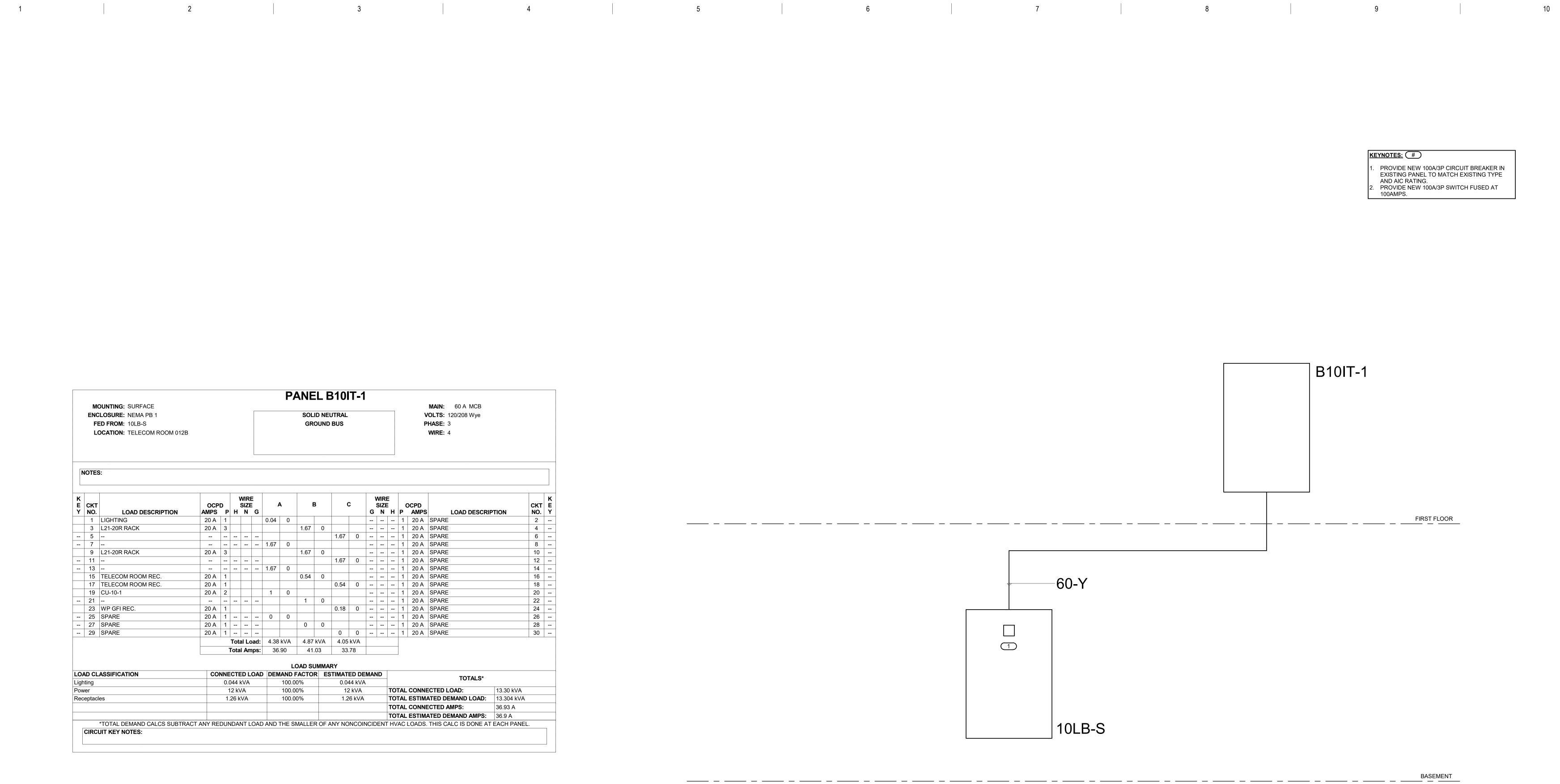
С

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		P	MAIN: 60 A MCB OLTS: 120/208 Wye HASE: 3 WIRE: 4			
	P	DCPD AMPS	LOAD DESCRIP	ΓΙΟΝ	CKT NO.	K E Y
	1	20 A	SPARE		2	
	1	20 A	SPARE		4	
	1	20 A	SPARE		6	
	1	20 A	SPARE		8	
	1	20 A	SPARE		10	
	1	20 A	SPARE		12	
	1	20 A	SPARE		14	
	1	20 A	SPARE		16	
	1	20 A	SPARE		18	
	1	20 A	SPARE		20	
	1	20 A	SPARE		22	
	1	20 A	SPARE		24	
	1	20 A	SPARE		26	
	1	20 A	SPARE		28	
	1	20 A	SPARE		30	
			TOTALS*			
ד(۰Δ۱		CTED LOAD:	13.30 kVA		
			TED DEMAND LOAD:	13.304 kVA		
			CTED AMPS:	36.93 A		
			ATED DEMAND AMPS:	36.93 A 36.9 A		
			THIS CALC IS DONE AT I			
v /						





1 PARTIAL POWER RISER

DRAWING TITLE ELECTRICAL ONE-LINE DIAGRAMS & SCHEDULES	PROJECT TITLE EHRM IN UPGRAD	FRASTRU ES	CTURE	DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	
	BUILDING No	CHECKED BY	DRAWN IMEG	DRAWING NO. 10-E500	
	LOCATION VA MEDICAL C ST.CLOUD, MN		FULLY SPRINKLERED	DWG. OF	



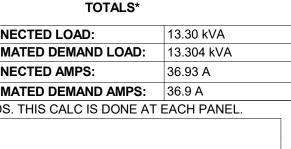


I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Engineer under the laws of the State of Minnesota.

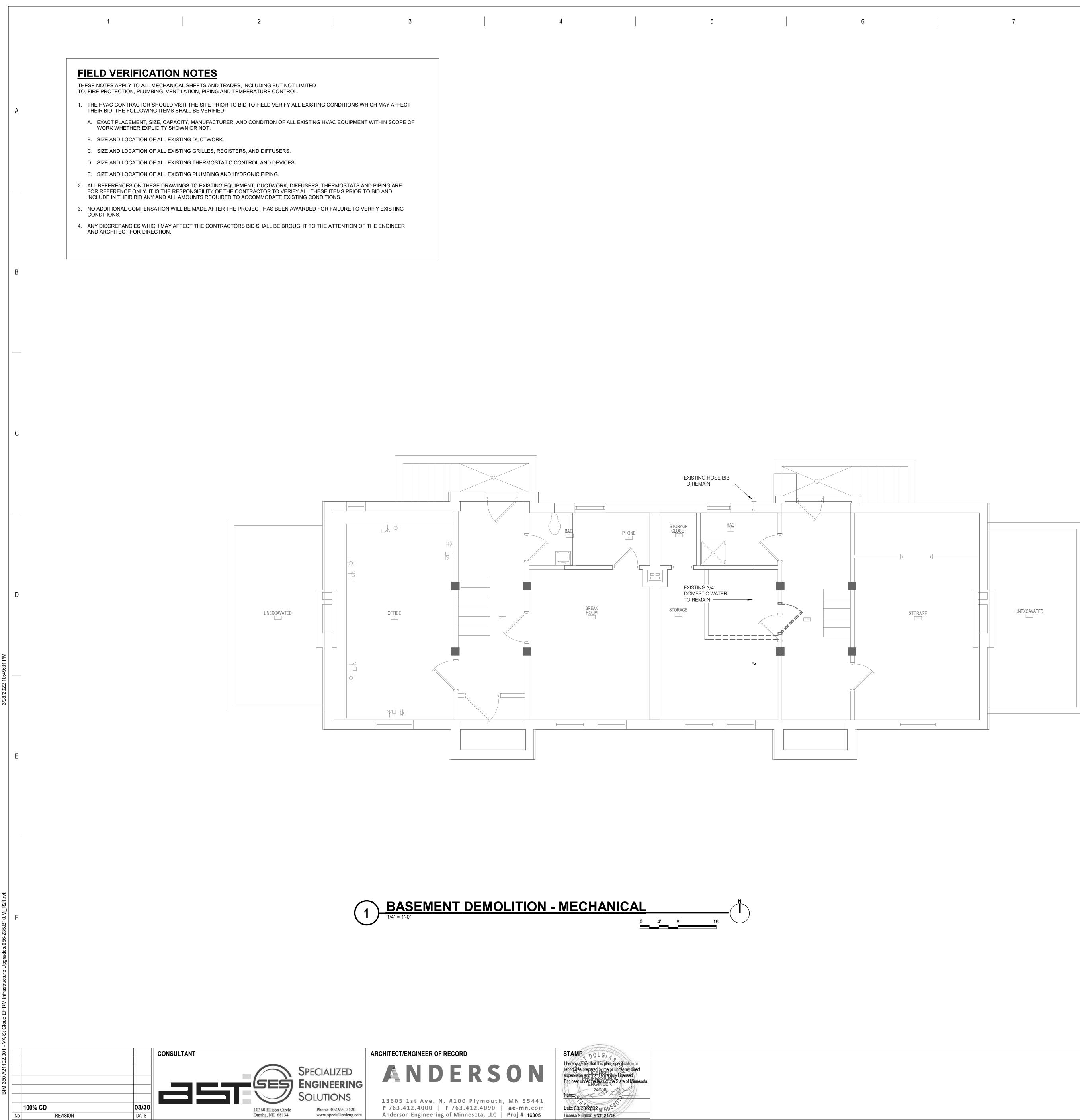
MOUNTING:	SURFACE
ENCLOSURE:	NEMA PB 1
FED FROM:	10LB-S
LOCATION:	TELECOM ROOM 012B
	-

									P	ANE	ELE	310	T-1									
	ENC Fl	OUNTING: SURFACE CLOSURE: NEMA PB 1 ED FROM: 10LB-S OCATION: TELECOM ROOM 012B									ID NE OUND	UTRAL BUS						Р	MAIN: 60 A MCB OLTS: 120/208 Wye HASE: 3 WIRE: 4			
N	IOTES	S:																				
K E Y	CKT NO.	LOAD DESCRIPTION	OCP AMPS			WIRI SIZE N			A		3		2		WIRE SIZE N			OCPD AMPS	LOAD DESCRIF		:KT 10.	K E Y
	1	LIGHTING	20 A	1				0.04	0								1	20 A	SPARE		2	
	3	L21-20R RACK	20 A	3						1.67	0						1	20 A	SPARE		4	
-	5											1.67	0				1		SPARE		6	-
-	7							1.67	0								1		SPARE		8	
	9	L21-20R RACK	20 A	3						1.67	0						1		SPARE		10	
-	11											1.67	0				1		SPARE		12	
-	13							1.67	0								1		SPARE		14	
		TELECOM ROOM REC.	20 A	1						0.54	0						1		SPARE		16	
		TELECOM ROOM REC.	20 A	1								0.54	0				1		SPARE		18	
		CU-10-1	20 A	2				1	0								1		SPARE		20	
	21									1	0						1		SPARE		22	
	23	WP GFI REC.	20 A	1								0.18	0				1		SPARE		24	
		SPARE	20 A	1				0	0								1		SPARE		26	
		SPARE	20 A	1						0	0						1		SPARE		28	
	29	SPARE	20 A	1								0	0				1	20 A	SPARE		30	
						al Lo			8 kVA	4.87			kVA			_						
					Tota	I An	nps:	36	.90	41	.03	33	.78									
										OAD SI	11.11.11	PV										
<u></u>	יי ח	ASSIFICATION	00		ст	ED L	<u> ۸</u>			FACTO		K I STIMAT	בח חב	MAN	חו							
	ting					kVA			100.0				44 kVA		עי				TOTALS*			
Pow					044 12 k'				100.0		_		2 kVA			TOT	τΔι	CONNE	ECTED LOAD:	13.30 kVA		
	eptac	les			.26 ł				100.0				6 kVA						ATED DEMAND LOAD:	13.304 kVA		
.00	Spido			- 1	.201							1.2							ECTED AMPS:	36.93 A		
											_								ATED DEMAND AMPS:	36.9 A		
		*TOTAL DEMAND CALCS SUBTRA																				

DRAWING TITLE ELECTRICAL SCHEDULES	PROJECT TITLE EHRM INF UPGRADE		CTURE	DATE: 03/30/2022 PLOT SCALE	
				PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	drawn IMEG	DRAWING NO. 10-E600	
	LOCATION VA MEDICAL CE ST.CLOUD, MN		FULLY SPRINKLERED	DWG. OF]







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MECHANICAL GEN

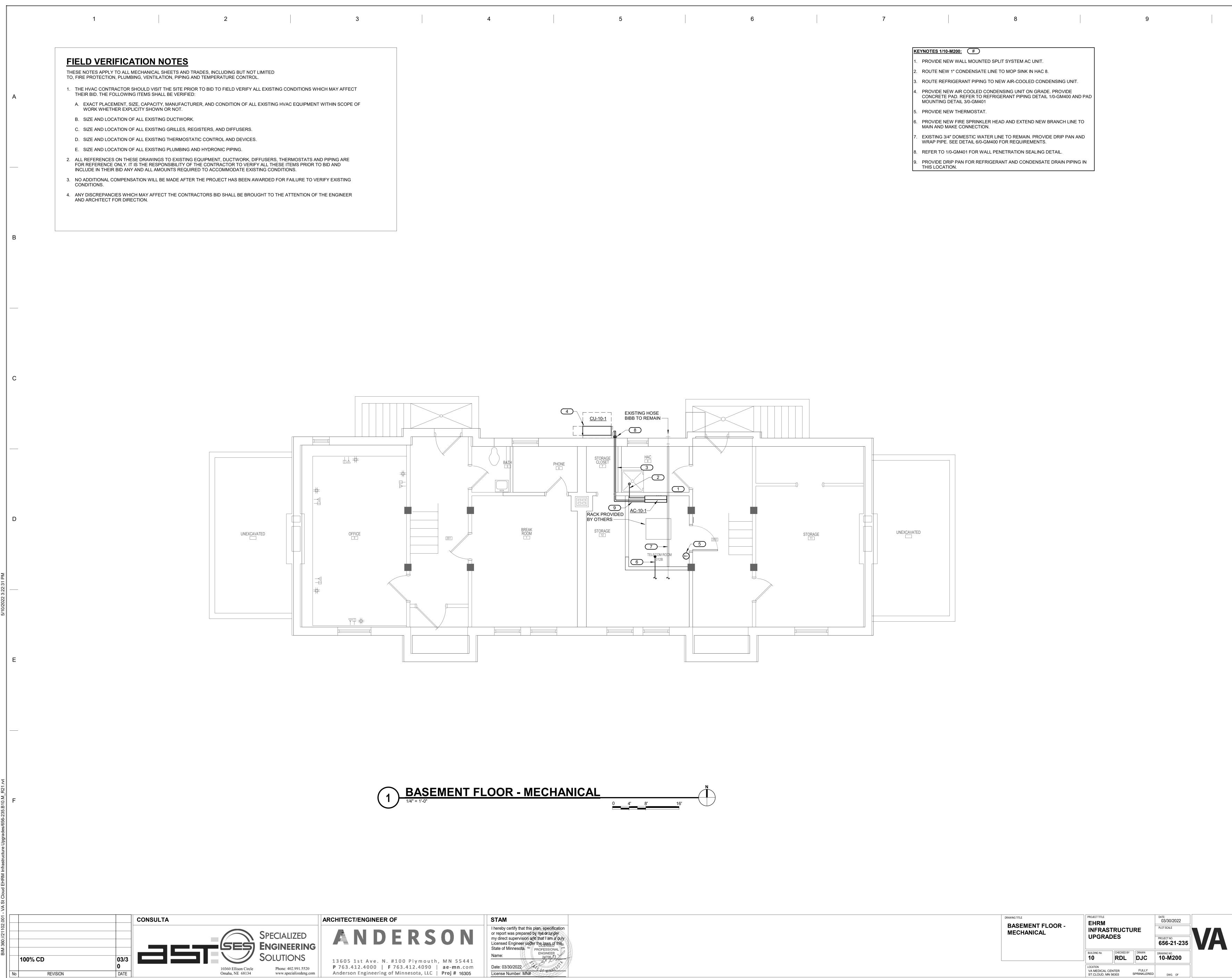
THESE NOTES APPLY TO ALL MECHANICAL SHEETS TO, FIRE PROTECTION, PLUMBING, VENTILATION, PIF

- 1. DRAWINGS SHOWING LOCATIONS OF EQUIPMEN DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT DRAWINGS SHOW THE GENERAL ARRANGEMEN AND MAY NOT INCLUDE ALL OFFSETS AND FITTIN INSTALLATION. THE DRAWINGS SHALL BE FOLLO CONSTRUCTION AND THE WORK OF OTHERS WII
- 2. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSI ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AM PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, IN
- 3. COORDINATE ALL WORK WITH ALL OTHER TRADI PROVIDE CLEARANCES REQUIRED FOR OPERAT AND TO VERIFY NON-INTERFERENCE WITH OTHE VERIFICATION OF NECESSARY CLEARANCES FOR OR CONFLICTS TO THE ATTENTION OF THE COR PROCEEDING WITH FABRICATION OR EQUIPMEN
- 4. REVIEW SPACE REQUIREMENTS OF EQUIPMENT REASONABLE ACCOMMODATIONS IN LAYOUT AN ACCESS. FINAL LOCATIONS TO BE ACCURATELY
- 5. ANY CHANGES REQUIRED TO ELIMINATE CONFLI COORDINATE SHALL BE MADE BY THE CONTRAC EXPENSE TO OTHERS. 6. EACH CONTRACTOR IS RESPONSIBLE FOR ALL C
- CHANGES REQUIRED FOR EQUIPMENT PROPOSE DESIGN. 7. REFER TO CONTRACT DOCUMENTS, TO INCLUDE ARCHITECTURAL REFLECTED CEILING PLAN, ELE OTHER MECHANICAL PLANS FOR EXACT LOCATION
- OTHER THAN SPRINKLERS. 8. EACH CONTRACTOR IS RESPONSIBLE FOR DAMA FLOORS, CEILINGS, AND ROOFS. THE CONTRACT RESPONSIBLE FOR PATCHING TO THE SATISFAC CONSTRUCTION, FIRE RATING, AND FINISH.
- 9. IN AREAS WITH DRYWALL CEILINGS COORDINAT COR FOR ACCESS TO VALVES, DUCTWORK ACCE PANEL TYPE AND COLOR WITH ARCHITECT. NOT PANELS PRIOR TO BIDDING.
- 10. SEAL ALL FLOOR AND WALL, PENETRATIONS AIR DUCTS PENETRATE, BOTH NEW AND EXISTING. F AND ROOF SHALL BE SEALED AIRTIGHT WITH WA BY MANUFACTURER FOR OUTDOOR USE.
- 11. CAULK ALL PIPE AND DUCT PENETRATIONS OF F PARTITION, FLOOR, AND ROOF ASSEMBLIES, BOT TO PREVENT NOISE TRANSMISSION FROM ONE F DESIRED NC LEVELS WITHIN ROOMS.
- 12. WHERE PIPES AND DUCTS ARE SHOWN TO PENE OPENINGS WITH THE TOP EDGE RAISED ABOVE I RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIN 13. EQUIPMENT SIZES AND SERVICE CLEARANCE RE
- MANUFACTURERS. CONSULT APPROVED SHOP D REQUIRED SERVICE CLEARANCES. COORDINATE PIPING, DUCTWORK, ETC.
- 14. DO NOT BLOCK TUBE PULL OR EQUIPMENT SERV 15. MAINTAIN MINIMUM 3'-6" CLEARANCE IN FRONT
- STARTERS, SWITCHES, AND DISCONNECTS. 16. PROVIDE CONCRETE EQUIPMENT PAD FOR ALL
- EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQU 17. DO NOT SUPPORT EQUIPMENT, PIPING, OR DUC
- NON-STRUCTURAL BUILDING ELEMENTS. ANCHO CRACKED CONCRETE APPROVED IN ACCORDAN
- 18. CONTRACTOR TO COORDINATE SCHEDULE OF A COR NOT LESS THAN 10 DAYS PRIOR TO COMME 19. ALL CARTS, EQUIPMENT, MATERIALS AND TOOLS LADDERS, ARE TO BE LABELED, CLEARLY IDENTI
- SUBCONTRACTOR NAME AND PROJECT. 20. STORAGE OF TOOLS, EQUIPMENT AND MATERIA AREAS.

DRAWING TITLE BASEMENT DEMOLITION - MECHANICAL	PROJECT TITLE EHRM INFF UPGRADE		CTURE	DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No 10	CHECKED BY	DRAWN	drawing no.	
	LOCATION VA MEDICAL CEN ST.CLOUD, MN 50		FULLY SPRINKLERED	DWG. OF	

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NERAL NOTES:	
S AND TRADES, INCLUDING BUT NOT LIMITED PIPING AND TEMPERATURE CONTROL.	
ENT, DUCTWORK, PIPING, ETC. ARE CT EXACT INSTALLATION CONDITIONS. NT OF DUCTWORK, PIPING, EQUIPMENT, ETC., TINGS REQUIRED FOR COMPLETE LOWED AS CLOSELY AS ACTUAL BUILDING VILL PERMIT.	A
ISIONS AND CLEARANCES FROM AND OTHER APPROPRIATE DRAWINGS OR INCLUDING THOSE OF OTHER TRADES.	
DES AND COR PRIOR TO INSTALLATION TO ATION, MAINTENANCE, CODE COMPLIANCE, HER WORK. DO NOT FABRICATE PRIOR TO OR ALL TRADES. BRING ANY INTERFERENCES R AND THE ARCHITECT/ENGINEER BEFORE ENT ORDERS.	
IT SPECIFIED OR SUBSTITUTED AND MAKE AND POSITIONING TO PROVIDE PROPER Y DESCRIBED IN AS-BUILTS.	
LICTS OR THAT RESULT FROM A FAILURE TO CTOR WITHOUT ADDITIONAL COST,TIME OR	
COSTS ASSOCIATED WITH ELECTRICAL SED THAT DIFFERS FROM THE BASIS OF	
DE BUT NOT LIMITED TO, THE LECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND TIONS OF ALL CEILING MOUNTED DEVICES,	В
MAGE CAUSED BY THEIR ACTIONS TO WALLS, CTOR WHOSE WORK CAUSES DAMAGE IS ACTION OF THE COR TO MATCH ORIGINAL	
TE LOCATIONS OF ACCESS PANELS WITH THE CESSORIES, DAMPERS, ETC. COORDINATE DTIFY THE COR OF THE REQUIRED ACCESS	
IRTIGHT WHERE CONDUITS, PIPING, AND . PENETRATIONS THROUGH EXTERIOR WALLS VATERPROOFING MATERIALS RECOMMENDED	
FULL HEIGHT NON-FIRE RATED WALL, OTH NEW AND EXISTING. THIS IS ESSENTIAL E ROOM TO ANOTHER AND TO PROVIDE THE	
NETRATE FLOORS, PROVIDE SLEEVED E FLOOR SURFACE IN ACCORDANCE WITH ALL RIMETER TO BE WATERTIGHT.	
REQUIREMENTS VARY AMONG DIFFERENT P DRAWINGS FOR EQUIPMENT SIZES AND TE WITH LAYOUT OF EQUIPMENT PADS,	С
RVICE CLEARANCES.	
OF ALL ELECTRICAL PANELS, MOTOR	
L FLOOR MOUNTED EQUIPMENT. PAD SHALL UIPMENT.	
CTWORK FROM METAL DECKING OR OTHER IORS EMBEDDED IN CONCRETE SHALL BE NCE WITH SPECIFICATIONS.	
ANY NOISE-PRODUCING WORK SCOPE WITH IENCING THIS WORK.	
LS, AS WELL AS ALL TOOL BAGS / BOXES AND TIFYING, THE CONTRACTOR/	
IALS IS ONLY AUTHORIZED IN APPROVED	
	_





DRAWING TITLE BASEMENT FLOOR - MECHANICAL	PROJECT TITLE EHRM INFRAS UPGRAI		RE	DATE: 03/30/2022 PLOT SCALE PROJECT NO. 656-21-235	VA
	BUILDING No	CHECKED BY	DRAWN	DRAWING NO. 10-M200	
	LOCATION VA MEDICAL CE ST.CLOUD, MN		FULLY	DWG. OF	

F	(EYNOTES 1/10-M200: (#)
1	. PROVIDE NEW WALL MOUNTED SPLIT SYSTEM AC UNIT.
2	. ROUTE NEW 1" CONDENSATE LINE TO MOP SINK IN HAC 8.
3	. ROUTE REFRIGERANT PIPING TO NEW AIR-COOLED CONDENSING UNIT.
4	 PROVIDE NEW AIR COOLED CONDENSING UNIT ON GRADE. PROVIDE CONCRETE PAD. REFER TO REFRIGERANT PIPING DETAIL 1/0-GM400 AND PAD MOUNTING DETAIL 3/0-GM401
5	. PROVIDE NEW THERMOSTAT.
6	5. PROVIDE NEW FIRE SPRINKLER HEAD AND EXTEND NEW BRANCH LINE TO MAIN AND MAKE CONNECTION.
7	 EXISTING 3/4" DOMESTIC WATER LINE TO REMAIN. PROVIDE DRIP PAN AND WRAP PIPE. SEE DETAIL 6/0-GM400 FOR REQUIREMENTS.
ε	8. REFER TO 1/0-GM401 FOR WALL PENETRATION SEALING DETAIL.

