

# BUILDING 29 - EHRM INFRASTRUCTURE UPGRADES

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

### OWNER AND CONSULTANTS:

VA COR:  
CONTACT: MIKE ENGMARK  
ADDRESS: ST CLOUD VA MEDICAL CENTER  
4801 VETERANS DRIVE  
ST. CLOUD, MN 56303  
PHONE: 320-252-1670  
PROGRAM MANAGER:  
CONTACT: JONATHAN WEST  
ADDRESS: ST CLOUD VA MEDICAL CENTER  
4801 VETERANS DRIVE  
ST. CLOUD, MN 56303  
PHONE: 504-250-2699  
EMAIL: Jonathan.West@vcaint.com

CIVIL ENGINEER:  
NAME: ANDERSON ENGINEERING OF MN, LLC  
ADDRESS: 13605 1ST AVE NORTH, SUITE 100  
PLYMOUTH, MN 55441

CONTACT: IAN WEBER  
PHONE: 763-412-4000

ARCHITECT:  
NAME: ANDERSON ENGINEERING OF MN, LLC  
ADDRESS: 13605 1ST AVE NORTH, SUITE 100  
PLYMOUTH, MN 55441

CONTACT: EDWARD MARKFORT  
PHONE: 763-412-4000

STRUCTURAL ENGINEER:  
NAME: ADVANCED STRUCTURAL TECHNOLOGIES  
ADDRESS: 7301 OHMS LANE, SUITE 215  
EDINA, MN 55439

CONTACT: ZACHARY CRAIG  
PHONE: 952-854-9302

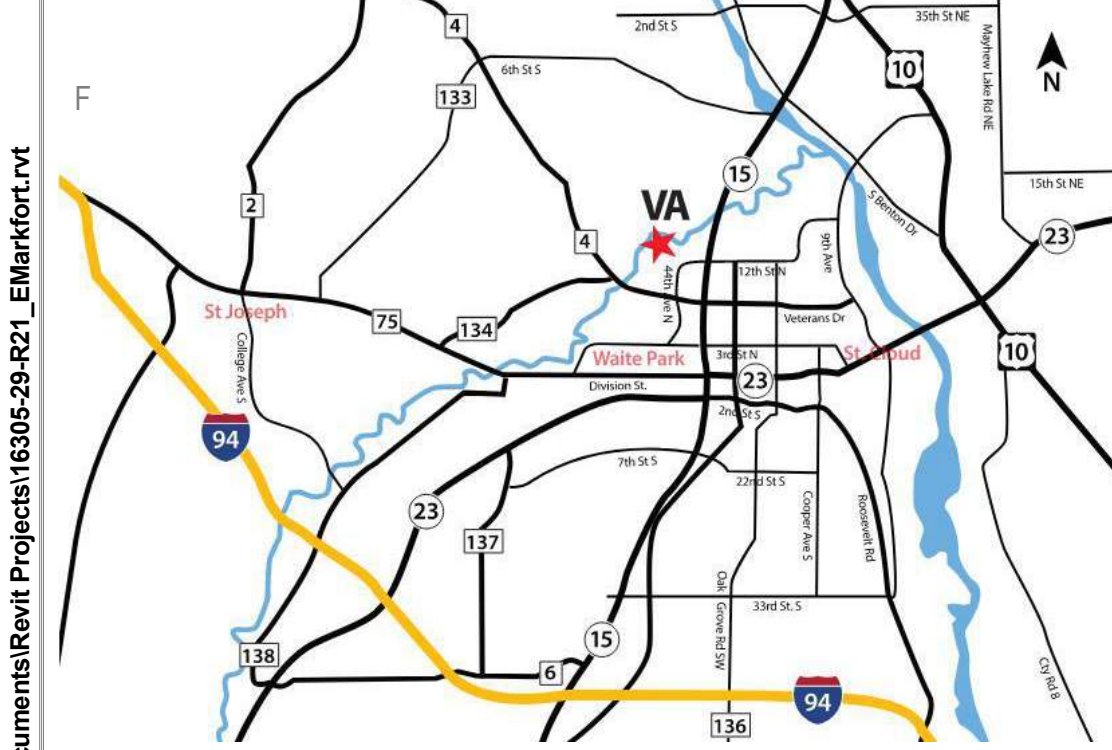
TELECOMMUNICATIONS ENGINEER:  
NAME: SPECIALIZED ENGINEERING SOLUTIONS  
ADDRESS: 10360 ELLISON CIRCLE  
OMAHA, NE 68134

CONTACT: KRIS BURNHAM  
PHONE: 402-991-5520

MECHANICAL/PLUMBING/FIRE ENGINEER:  
NAME: SPECIALIZED ENGINEERING SOLUTIONS  
ADDRESS: 10360 ELLISON CIRCLE  
OMAHA, NE 68134

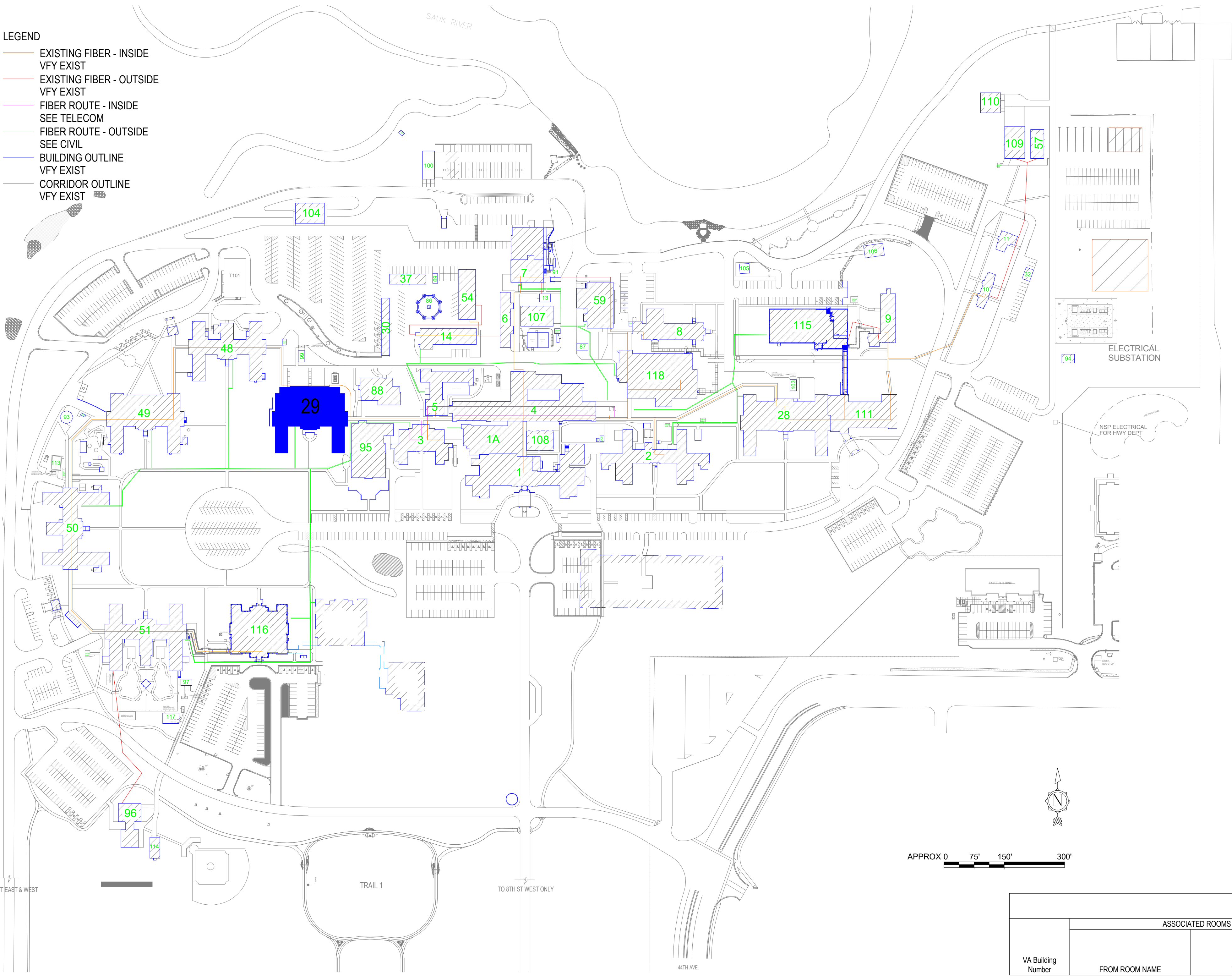
CONTACT: KRIS BURNHAM  
PHONE: 402-991-5520

### VICINITY MAP:



### LEGEND

- EXISTING FIBER - INSIDE
- VFY EXIST
- EXISTING FIBER - OUTSIDE
- VFY EXIST
- FIBER ROUTE - INSIDE
- SEE TELECOM
- FIBER ROUTE - OUTSIDE
- SEE CIVIL
- BUILDING OUTLINE
- VFY EXIST
- CORRIDOR OUTLINE
- VFY EXIST



### SHEET INDEX - BUILDING 29

SHEET NO.	SHEET TITLE
29-G1000	BUILDING 29 COVER SHEET & SHEET INDEX
29-G1101	BASEMENT FLOOR - INFECTION CONTROL & PHASING PLAN
29-G1111	FIRST FLOOR - INFECTION CONTROL & PHASING PLAN
29-HA-1A	REFERENCE - BASEMENT FLOOR ASBESTOS RE-SURVEY
29-HA-2A	REFERENCE - FIRST FLOOR ASBESTOS RE-SURVEY
29-HA-3A	REFERENCE - SECOND FLOOR ASBESTOS RE-SURVEY
29-HA-4A	REFERENCE - ATTIC FLOOR ASBESTOS RE-SURVEY
29-AS100	BASEMENT PLANS
29-AS110	FIRST FLOOR PLANS
29-AS120	SECOND FLOOR - OVERALL PLAN
29-TD100	BASEMENT FLOOR PLAN - TELECOM - DEMOLITION
29-TD110	FIRST FLOOR PLAN - TELECOM - DEMOLITION
29-TD120	SECOND FLOOR PLAN - TELECOM - DEMOLITION
29-TD130	ATTIC FLOOR PLAN - TELECOM - DEMOLITION
29-TN100	BASEMENT FLOOR PLAN - TELECOMMUNICATIONS
29-TN110	FIRST FLOOR PLAN - TELECOMMUNICATIONS

### SHEET INDEX - BUILDING 29

SHEET NO.	SHEET TITLE
29-TN120	SECOND FLOOR PLAN - TELECOMMUNICATIONS
29-TN130	ATTIC FLOOR PLAN - TELECOMMUNICATIONS
29-TN200	BASEMENT FLOOR PLAN - TELECOM - CABLE DISTANCE
29-TN210	FIRST FLOOR PLAN - TELECOM - CABLE DISTANCE
29-TN400	ENLARGED PLANS - TELECOMMUNICATIONS
29-TN401	ENLARGED PLANS - TELECOMMUNICATIONS
29-E200	BASEMENT - ELECTRICAL
29-E201	FIRST FLOOR - ELECTRICAL
29-E300	ELECTRICAL ENLARGED PLANS
29-M100	BASEMENT DEMOLITION - MECHANICAL
29-M101	FIRST FLOOR DEMOLITION - MECHANICAL
29-M200	BASEMENT FLOOR - MECHANICAL
29-M201	FIRST FLOOR REMODEL - MECHANICAL
SEE GENERAL SHEETS FOR ADDITIONAL INFORMATION	

### ROOM SCHEDULE

NO.	NAME	CABLING	PATCH PANEL	FIBER	POWER	BONDING	UPS	DEDICATED COOLING	TEMPERATURE	HUMIDITY	RACK SENSOR	SPACE	AREA	WIDTH (FT)	LENGTH (FT)	HT TO CLG STRUCT	REMARKS
BASEMENT																	
015	TELECOM ROOM	X	X	X	X	X	X	X	X	X	X	X	116 SF	7.5	15.6	10.00	UPDATE EXIST IT DATA ROOM TO EHRM TELECOM ROOM STANDARDS. SEE TELECOM DRAWINGS
FIRST FLOOR																	
144	TELECOM ROOM			X			X		X	X	X	X	88 SF	6.0	14.7	10.25	UPDATE EXIST IT DATA ROOM TO EHRM TELECOM ROOM STANDARDS. SEE TELECOM DRAWINGS

### HAZARDOUS MATERIAL SCHEDULE

LEVEL	ROOM NO.	ROOM NAME	QUESTIONABLE HAZARDOUS ELEMENT	POSSIBLE ABATEMENT ACTION
BASEMENT	015	TELECOM ROOM	NONE. SEE 29-HA-1A	NONE. ABATEMENT COMPLETE UNDER SEPARATE CONTRACT
FIRST FLOOR	144	TELECOM ROOM	NONE. WINDOW CAULK OUTSIDE OF ROOM. SEE 29-HA-2A	NONE. ACM TO REMAIN UNDISTURBED
HAZARDOUS MATERIALS MAY BE ENCOUNTERED THROUGHOUT THE DISTRIBUTION ROUTING THROUGH CEILING PLENUMS AND UTILITY TUNNELS. INSTALLATION OF DISTRIBUTION SHALL NOT DISTURB QUESTIONABLE HAZARDOUS MATERIAL.				

### ICRA PHASE CONSTRUCTION ROOM SCHEDULE

LEVEL	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CONTROL PROCEDURE CLASS	SECTION	CONSTRUCTION ZONE / OCCUPIED CONSTR	DAY / NIGHT
BASEMENT	015	TELECOM ROOM	PRIMARY CARE / ADMINISTRATION	TYPE C	GROUP 2	CLASS III	WEST	OCCUPIED CONSTRUCTION	NIGHT
FIRST FLOOR	144	TELECOM ROOM	PRIMARY CARE / ADMINISTRATION	TYPE C	GROUP 2	CLASS III	WEST	OCCUPIED CONSTRUCTION	NIGHT
SEE GENERAL NOTES SHEET FOR CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) DESCRIPTIONS. TYPE, GROUP AND CLASS SELECTED TO BEST OF DESIGN TEAMS KNOWLEDGE. FINAL DETERMINATION BY THE VA WILL BE MADE AT A LATER DATE.									

### LEAK PREVENTION / DIVERTER SCHEDULE

LEVEL	ROOM NO.	ROOM NAME	OVERHEAD LEAK DIVERTER AND DRAIN PIPING	LEAK PREVENTION BARRIER WATERPROOFING
BASEMENT	015	TELECOM ROOM		
FIRST FLOOR	144	TELECOM ROOM		
SEE GENERAL NOTES SHEET FOR DETAIL. MWP = MEMBRANE WATERPROOFING. MASONRY = FLUID-APPLIED WATERPROOFING. INT = INTERIOR. EXT = EXTERIOR.				

### OPENING SCHEDULE

ASSOCIATED ROOMS		OPENING		PANEL INFORMATION		FRAME INFORMATION		HOW GROUP	FREE LABEL (MIN)	GASKET	ELECTRICAL	COMMENTS
FROM ROOM NAME	TO ROOM NAME	NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING			
VA Building Number												

C:\Users\Public\Documents\Revit Projects\16305-29-R21\_E\Markfor.rvt

NO.	REVISION	DATE

### CONSULTANT

**AST** **SES** **SPECIALIZED ENGINEERING SOLUTIONS**  
10360 Ellison Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

### ARCHITECT/ENGINEER OF RECORD

**ANDERSON**  
13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305

### STAMP

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 Architect under the laws of the State of Minnesota.  
Name: *Tom Olesek*  
Typed or Printed Name: Tom Olesek  
Date: 03/30/2022 License Number: MN# 18157

APPROVED:	DATE:	APPROVED PROJECT COR:	DATE:	APPROVED PATIENT SAFETY:	DATE:	APPROVED DMS MANAGER:	DATE:	APPROVED DIRECTOR FMS:	DATE:
APPROVED:	DATE:	APPROVED SERVICE LINE DIRECTOR:	DATE:	APPROVED SAFETY MANAGER:	DATE:	APPROVED MO MANAGER:	DATE:	APPROVED ASSOCIATE DIRECTOR:	DATE:
APPROVED:	DATE:	APPROVED DMS COORDINATOR:	DATE:	APPROVED CHIEF OF POLICE:	DATE:	APPROVED PROJECTS SECTION MANAGER:	DATE:	APPROVED NURSE EXECUTIVE:	DATE:
APPROVED:	DATE:	APPROVED INFECTION CONTROL NURSE:	DATE:	APPROVED CHIEF OF STAFF:	DATE:	APPROVED ASSISTANT CHIEF ENGINEER:	DATE:	APPROVED CHIEF OF STAFF:	DATE:

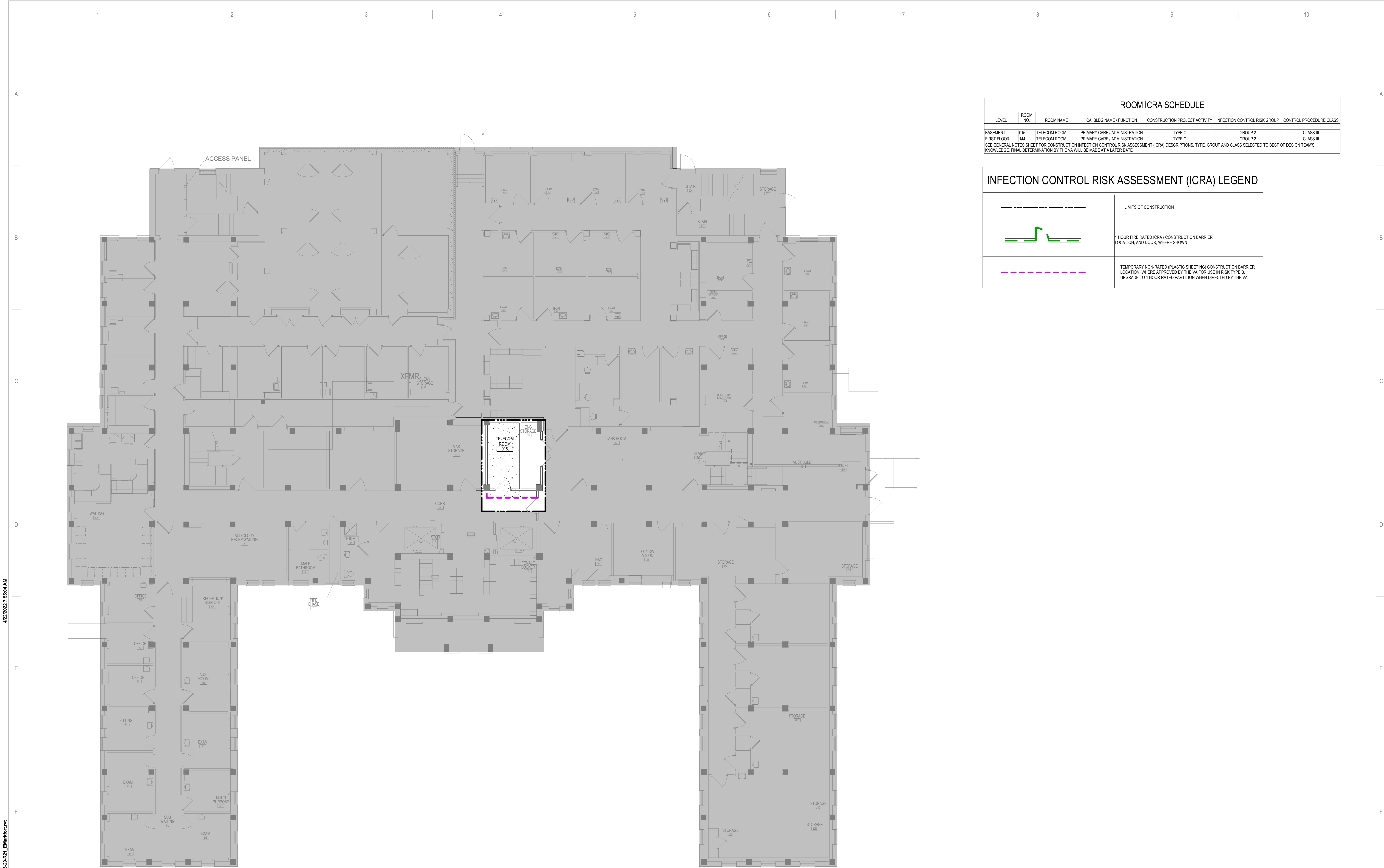
### DRAWING TITLE BUILDING 29 COVER SHEET & SHEET INDEX

PROJECT FILE	DATE
EHRM INFRASTRUCTURE UPGRADES	03/30/2022
PLOT SCALE	
PROJECT NO.	656-21-235
DRAWING NO.	29-G1000
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303
FULLY SPRINKLERED	
DWG	COVER

PROJECT FILE	DATE
EHRM INFRASTRUCTURE UPGRADES	03/30/2022
PLOT SCALE	
PROJECT NO.	656-21-235
DRAWING NO.	29-G1000
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303
FULLY SPRINKLERED	
DWG	COVER

**VA** **U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System





ROOM ICRA SCHEDULE						
LEVEL	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CONTROL PROCEDURE CLASS
BASEMENT	015	TELECOM ROOM	PRIMARY CARE / ADMINISTRATION	TYPE C	GROUP 2	CLASS III
FIRST FLOOR	144	TELECOM ROOM	PRIMARY CARE / ADMINISTRATION	TYPE C	GROUP 2	CLASS III
SEE GENERAL NOTES SHEET FOR CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) DESCRIPTIONS. TYPE, GROUP AND CLASS SELECTED TO BEST OF DESIGN TEAM'S KNOWLEDGE. FINAL DETERMINATION BY THE VA WILL BE MADE AT A LATER DATE.						

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

1 BASEMENT - CONST BARRIER PLAN  
1/8" = 1'-0"

No.	REVISION	DATE

CONSULTANT

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

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 Architect under the laws of the State of Minnesota.

Name: *Tom Olesak*

Typed or Printed Name: Tom Olesak  
Date: 03/30/2022 License Number: MN# 18157

DRAWING TITLE




BASEMENT FLOOR - INFECTION CONTROL & PHASING PLAN

PROJECT TITLE	DATE
EHRM INFRASTRUCTURE UPGRADES	03/30/2022
PLOT SCALE	
PROJECT NO.	DRAWING NO.
656-21-235	29-G1101
BUILDING NO.	CHECKED BY
29	EM
DRAWN	BMW
LOCATION	FULLY SPRINKLERED
VA MEDICAL CENTER ST. CLOUD, MN 56303	DWG. OF

**VA**

U.S. Department of Veterans Affairs  
Veterans Health Administration  
St. Cloud VA Health Care System



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 8 UPGRADE TO 1 HOUR RATED PARTITION WHEN DIRECTED BY THE VA

$$1/8" = 1'-0"$$

**CONSULTANT**

**AST**  **SPECIALIZED  
ENGINEERING  
SOLUTIONS**

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5520  
[www.specializedeng.com](http://www.specializedeng.com)

13605 1st Ave. N. #100 Plymouth, MN 55441  
**P** 763.412.4000 | **F** 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
 Anderson Engineering of Minnesota, LLC | **Proj # 16305**

Typed or Printed Name: Tom Olesak  
Date: 03/30/2022 License Number: MN# 18157



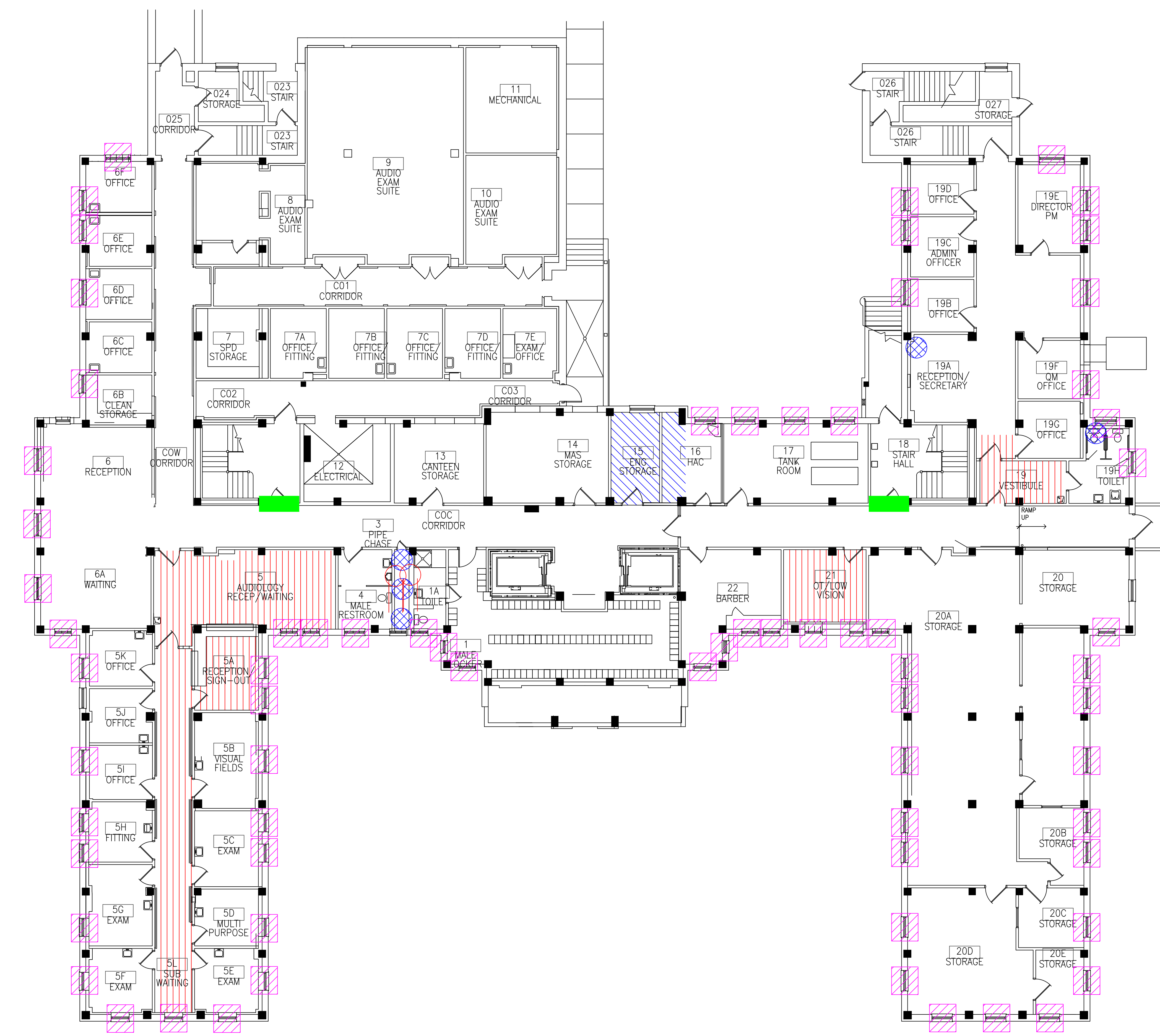
PROJECT TITLE		DATE: <b>03/30/2022</b>	
<b>EHRM INFRASTRUCTURE UPGRADES</b>		PLOT SCALE	
		PROJECT NO: <b>656-21-235</b>	
BUILDING NO <b>29</b>	CHECKED BY <b>EM</b>	DRAWN <b>BMW</b>	DRAWING NO: <b>29-GI111</b>
LOCATION VA MEDICAL CENTER ST.CLOUD, MN 56303		FULLY SPRINKLERED	
		DWG. OF	





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

- LEGEND**
- ASBESTOS-CONTAINING PIPE INSULATION (VERTICAL RISERS)
  - ASBESTOS-CONTAINING PIPE INSULATION (HORIZONTAL RUNS)
  - ASBESTOS-CONTAINING FIRE DOOR
  - ASBESTOS-CONTAINING MASTIC UNDER 12" FLOOR TILE
  - ASBESTOS-CONTAINING BLACK MASTIC UNDER CARPET
  - ASBESTOS-CONTAINING WINDOW CAULK



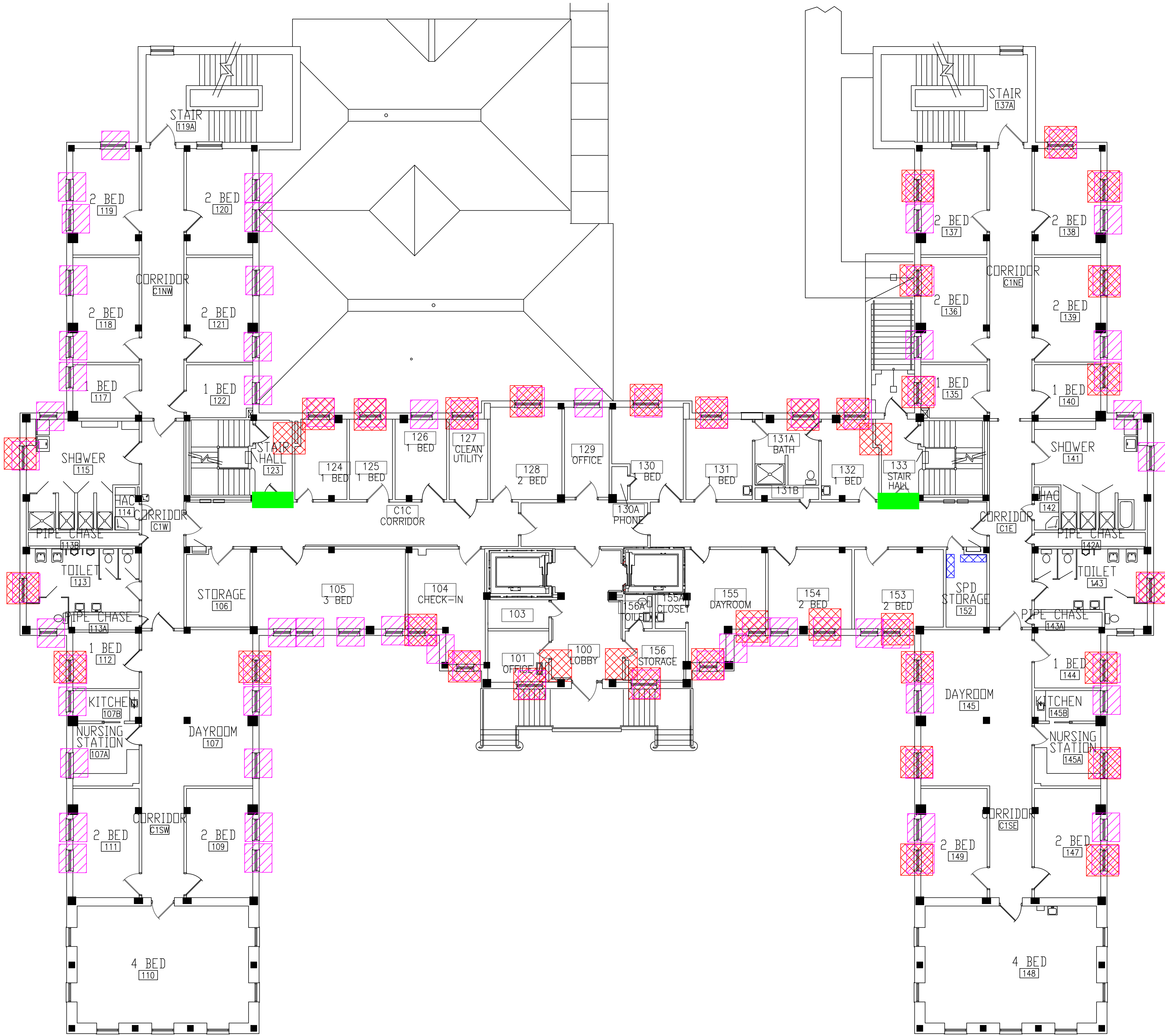
**BUILDING #29 - BASEMENT FLOOR PLAN**

Revisions	Dates	ENVIRONMENTAL CONSULTANT: <b>CASTLE HILL ASSOCIATES, LLC.</b> 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212		Professional Seal: 	North: 	Drawing Title <b>ARCHITECTURAL PLAN BUILDING 29 Scale: 1/8" = 1'-0"</b>	Project Title <b>FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA</b>	Date <b>NOVEMBER 2019</b>		Department of Veterans Affairs
						Approved: Division Chief	Building Number <b>029</b>	Checked <b>BLB</b>		
						Approved: Service Director	Location <b>ST. CLOUD, MINNESOTA</b>		Sheet 38 of 71	



0  
6  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
841  
842  
843  
844  
845  
846  
847  
848  
849  
850  
851  
852  
853  
854  
855  
856  
857  
858  
859  
860  
861  
862  
863  
864  
865  
866  
867  
868  
869  
870  
871  
872  
873  
874  
875  
876  
877  
878  
879  
880  
881  
882  
883  
884  
885  
886  
887  
888  
889  
890  
891  
892  
893  
894  
895  
896  
897  
898  
899  
900  
901  
902  
903  
904  
905  
906  
907  
908  
909  
910  
911  
912  
913  
914  
915  
916  
917  
918  
919  
920  
921  
922  
923  
924  
925  
926  
927  
928  
929  
930  
931  
932  
933  
934  
935  
936  
937  
938  
939  
940  
941  
942  
943  
944  
945  
946  
947  
948  
949  
950  
951  
952  
953  
954  
955  
956  
957  
958  
959  
960  
961  
962  
963  
964  
965  
966  
967  
968  
969  
970  
971  
972  
973  
974  
975  
976  
977  
978  
979  
980  
981  
982  
983  
984  
985  
986  
987  
988  
989  
990  
991  
992  
993  
994  
995  
996  
997  
998  
999  
1000

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z  
AA  
AB  
AC  
AD  
AE  
AF  
AG  
AH  
AI  
AJ  
AK  
AL  
AM  
AN  
AO  
AP  
AQ  
AR  
AS  
AT  
AU  
AV  
AW  
AX  
AY  
AZ  
BA  
BB  
BC  
BD  
BE  
BF  
BG  
BH  
BI  
BJ  
BK  
BL  
BM  
BN  
BO  
BP  
BQ  
BR  
BS  
BT  
BU  
BV  
BW  
BX  
BY  
BZ  
CA  
CB  
CC  
CD  
CE  
CF  
CG  
CH  
CI  
CJ  
CK  
CL  
CM  
CN  
CO  
CP  
CQ  
CR  
CS  
CT  
CU  
CV  
CW  
CX  
CY  
CZ  
DA  
DB  
DC  
DD  
DE  
DF  
DG  
DH  
DI  
DJ  
DK  
DL  
DM  
DN  
DO  
DP  
DQ  
DR  
DS  
DT  
DU  
DV  
DW  
DX  
DY  
DZ  
EA  
EB  
EC  
ED  
EE  
EF  
EG  
EH  
EI  
EJ  
EK  
EL  
EM  
EN  
EO  
EP  
EQ  
ER  
ES  
ET  
EU  
EV  
EW  
EX  
EY  
EZ  
FA  
FB  
FC  
FD  
FE  
FF  
FG  
FH  
FI  
FJ  
FK  
FL  
FM  
FN  
FO  
FP  
FQ  
FR  
FS  
FT  
FU  
FV  
FW  
FX  
FY  
FZ  
GA  
GB  
GC  
GD  
GE  
GF  
GG  
GH  
GI  
GJ  
GK  
GL  
GM  
GN  
GO  
GP  
GQ  
GR  
GS  
GT  
GU  
GV  
GW  
GX  
GY  
GZ  
HA  
HB  
HC  
HD  
HE  
HF  
HG  
HH  
HI  
HJ  
HK  
HL  
HM  
HN  
HO  
HP  
HQ  
HR  
HS  
HT  
HU  
HV  
HW  
HX  
HY  
HZ  
IA  
IB  
IC  
ID  
IE  
IF  
IG  
IH  
II  
IJ  
IK  
IL  
IM  
IN  
IO  
IP  
IQ  
IR  
IS  
IT  
IU  
IV  
IW  
IX  
IY  
IZ  
JA  
JB  
JC  
JD  
JE  
JF  
JG  
JH  
JI  
JJ  
JK  
JL  
JM  
JN  
JO  
JP  
JQ  
JR  
JS  
JT  
JU  
JV  
JW  
JX  
JY  
JZ  
KA  
KB  
KC  
KD  
KE  
KF  
KG  
KH  
KI  
KJ  
KK  
KL  
KM  
KN  
KO  
KP  
KQ  
KR  
KS  
KT  
KU  
KV  
KW  
KX  
KY  
KZ  
LA  
LB  
LC  
LD  
LE  
LF  
LG  
LH  
LI  
LJ  
LK  
LL  
LM  
LN  
LO  
LP  
LQ  
LR  
LS  
LT  
LU  
LV  
LW  
LX  
LY  
LZ  
MA  
MB  
MC  
MD  
ME  
MF  
MG  
MH  
MI  
MJ  
MK  
ML  
MM  
MN  
MO  
MP  
MQ  
MR  
MS  
MT  
MU  
MV  
MW  
MX  
MY  
MZ  
NA  
NB  
NC  
ND  
NE  
NF  
NG  
NH  
NI  
NJ  
NK  
NL  
NM  
NO  
NP  
NQ  
NR  
NS  
NT  
NU  
NV  
NW  
NX  
NY  
NZ  
OA  
OB  
OC  
OD  
OE  
OF  
OG  
OH  
OI  
OJ  
OK  
OL  
OM  
ON  
OO  
OP  
OQ  
OR  
OS  
OT  
OU  
OV  
OW  
OX  
OY  
OZ  
PA  
PB  
PC  
PD  
PE  
PF  
PG  
PH  
PI  
PJ  
PK  
PL  
PM  
PN  
PO  
PP  
PQ  
PR  
PS  
PT  
PU  
PV  
PW  
PX  
PY  
PZ  
QA  
QB  
QC  
QD  
QE  
QF  
QG  
QH  
QI  
QJ  
QK  
QL  
QM  
QN  
QO  
QP  
QQ  
QR  
QS  
QT  
QU  
QV  
QW  
QX  
QY  
QZ  
RA  
RB  
RC  
RD  
RE  
RF  
RG  
RH  
RI  
RJ  
RK  
RL  
RM  
RN  
RO  
RP  
RQ  
RR  
RS  
RT  
RU  
RV  
RW  
RX  
RY  
RZ  
SA  
SB  
SC  
SD  
SE  
SF  
SG  
SH  
SI  
SJ  
SK  
SL  
SM  
SN  
SO  
SP  
SQ  
SR  
SS  
ST  
SU  
SV  
SW  
SX  
SY  
SZ  
TA  
TB  
TC  
TD  
TE  
TF  
TG  
TH  
TI  
TJ  
TK  
TL  
TM  
TN  
TO  
TP  
TQ  
TR  
TS  
TT  
TU  
TV  
TW  
TX  
TY  
TZ  
UA  
UB  
UC  
UD  
UE  
UF  
UG  
UH  
UI  
UJ  
UK  
UL  
UM  
UN  
UO  
UP  
UQ  
UR  
US  
UT  
UU  
UV  
UW  
UX  
UY  
UZ  
VA  
VB  
VC  
VD  
VE  
VF  
VG  
VH  
VI  
VJ  
VK  
VL  
VM  
VN  
VO  
VP  
VQ  
VR  
VS  
VT  
VU  
VV  
VW  
VX  
VY  
VZ  
WA  
WB  
WC  
WD  
WE  
WF  
WG  
WH  
WI  
WJ  
WK  
WL  
WM  
WN  
WO  
WP  
WQ  
WR  
WS  
WT  
WU  
WV  
WW  
WX  
WY  
WZ  
XA  
XB  
XC  
XD  
XE  
XF  
XG  
XH  
XI  
XJ  
XK  
XL  
XM  
XN  
XO  
XP  
XQ  
XR  
XS  
XT  
XU  
XV  
XW  
XX  
XY  
XZ  
YA  
YB  
YC  
YD  
YE  
YF  
YG  
YH  
YI  
YJ  
YK  
YL  
YM  
YN  
YO  
YP  
YQ  
YR  
YS  
YT  
YU  
YV  
YW  
YX  
YY  
YZ  
ZA  
ZB  
ZC  
ZD  
ZE  
ZF  
ZG  
ZH  
ZI  
ZJ  
ZK  
ZL  
ZM  
ZN  
ZO  
ZP  
ZQ  
ZR  
ZS  
ZT  
ZU  
ZV  
ZW  
ZX  
ZY  
ZZ



BUILDING #29 - FIRST FLOOR PLAN

- LEGEND**
- ASBESTOS-CONTAINING FIRE DOOR
  - ASBESTOS-CONTAINING BASE COVE ADHESIVE
  - ASBESTOS-CONTAINING WINDOW CAULK
  - ASBESTOS-CONTAINING CONVECTOR REFRACTORY

<div>Revisions</div> <div>Dates</div>		<div>ENVIRONMENTAL CONSULTANT: <b>CASTLE HILL ASSOCIATES, LLC.</b> 218-A MECHANIC STREET, WATERVILLE, OHIO 43566 Tel: (567) 952-0212</div>	<div></div> <div><b>CASTLE HILL</b> ASSOCIATES</div>	<div>Professional Seal: </div>	<div>North: </div>	<div>Drawing Title <b>ARCHITECTURAL PLAN BUILDING 29 Scale: 1/8" = 1'-0"</b></div> <div>Approved : Division Chief</div> <div>Approved : Service Director</div>	<div>Project Title <b>FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA</b></div> <div>Building Number <b>029</b></div> <div>Location <b>ST. CLOUD, MINNESOTA</b></div>	<div>Checked <b>BLB</b></div> <div>Drawn <b>AFS</b></div>	<div>Date <b>NOVEMBER 2019</b></div> <div>Project No. <b>36C26319P1003</b></div> <div>Drawing No. <b>2A</b></div> <div>Sheet 39 of 71</div>	<div></div> <div>Department of Veterans Affairs</div>
---------------------------------------	--	--	--	------------------------------------	------------------------	--	---	---	---	---



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

LEGEND

- ASBESTOS-CONTAINING PIPE INSULATION (VERTICAL RISERS)
- ASBESTOS-CONTAINING FIRE DOOR
- ASBESTOS-CONTAINING MASTIC UNDER 12" FLOOR TILE
- ASBESTOS-CONTAINING WINDOW CAULK
- ASBESTOS-CONTAINING CONVECTOR REFRACTORY

BUILDING #29 - SECOND FLOOR PLAN

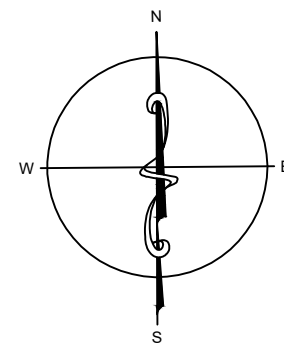
ENVIRONMENTAL CONSULTANT:  
**CASTLE HILL ASSOCIATES, LLC.**  
218-A MECHANIC STREET,  
WATERVILLE, OHIO 43566  
Tel: (567) 952-0212



Professional Seal:



North:



Drawing Title

**ARCHITECTURAL PLAN  
BUILDING 29  
Scale: 1/8" = 1'-0"**

Approved : Division Chief

Approved : Service Director

Project Title

**FACILITY ASBESTOS RE-SURVEY  
VETERANS ADMINISTRATION  
MEDICAL CENTER  
ST. CLOUD, MINNESOTA**

Building Number  
**029**

Location  
**ST. CLOUD, MINNESOTA**

Checked  
**BLB**

Drawn  
**AFS**

Date  
**NOVEMBER 2019**

Project No.  
**36C26319P1003**

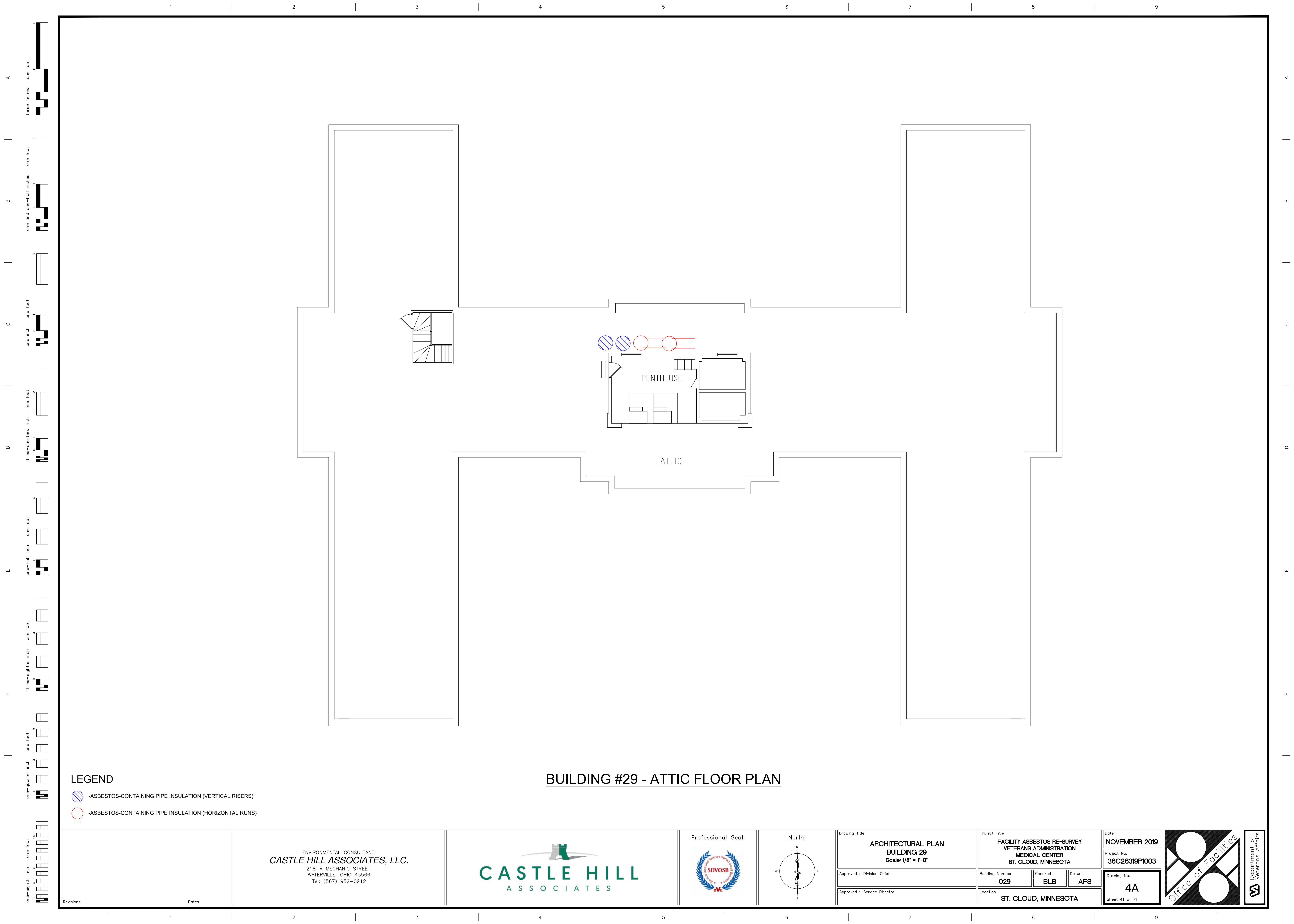
Drawing No.  
**3A**

Sheet 40 of 71



Department of  
Veterans Affairs

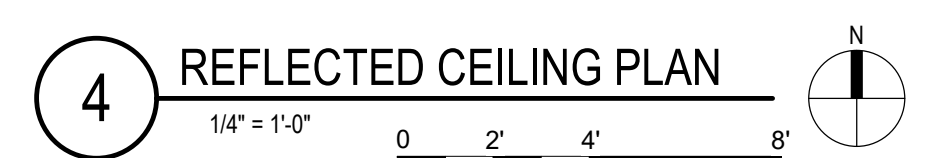








NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



**VA** |  **U.S. Department  
of Veterans Affairs**  
Veterans Health  
Administration  
St. Cloud VA  
Health Care System





1. SEE GENERAL NOTES AND CAPS DRAWINGS FOR GENERAL INFORMATION, LIFE SAFETY, ILCRA, AND PHASING
2. 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.
3. 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.
4. SEE CIVIL, STRUCTURAL, TELECOM, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.
5. PORTABLE FIRE EXTINGUISHERS (CO2 OR HALOGENATED TYPE AS DETERMINED BY VA) WITH WALL MOUNT BRACKET AND CODE REQUIRED. SIGNS SHALL BE PROVIDED BY THE CONTRACTOR WITHIN TELECOM ROOMS.

DE1 PREPARE WALL FOR PLYWOOD BACKBOARD INSTALLATION AND EHRM REQUIREMENTS, SEE FLOOR PLAN AND TELECOM DRAWINGS

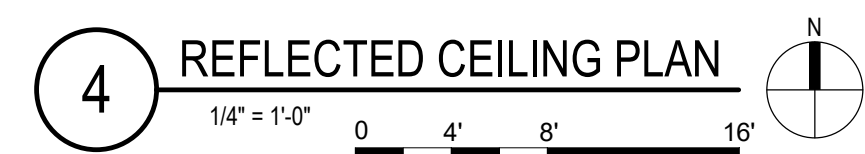
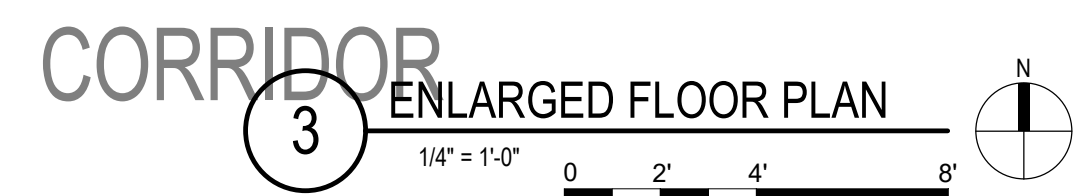
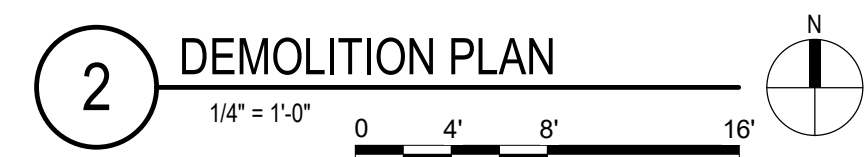
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

FL1	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 OVER FIRE RATING STAMP.
FL3	UPGRADE PARTITION TO 1 HOUR FIRE AND SMOKE BARRIER. PROVIDE TESTED HEAD OF PARTITION ASSEMBLY WITH MATERIALS THAT RESIST THE PASSAGE OF SMOKE. SEAL JOINT AT HEAD AND ALL PENETRATIONS WITH FIRE CAULK.
FL20	TELECOM EQUIPMENT. SEE TELECOM DRAWINGS.

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

RC1	LED LIGHTING, SEE ELECTRICAL. IN FRONT OF AND BEHIND CABINET ROWS PROVIDE 500 LUMENS IN HORIZONTAL AND 200 LUMENS IN THE VERTICAL AT 3 FT AFF. OPERATED BY MOTION SENSOR PER CABINET ROW OR SECTION.
RC2	OPEN TO STRUCTURAL FLOOR ABOVE

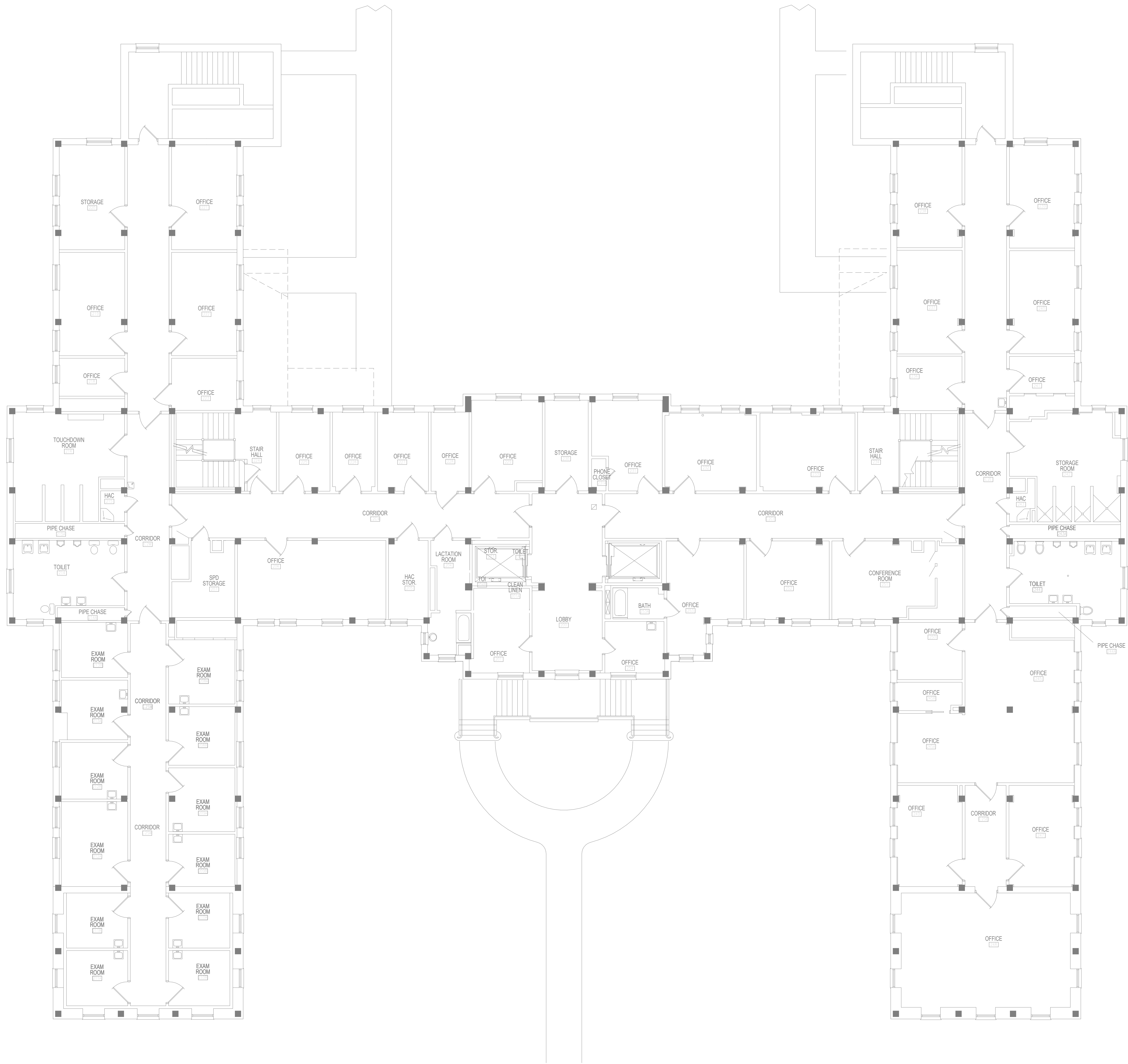
NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN



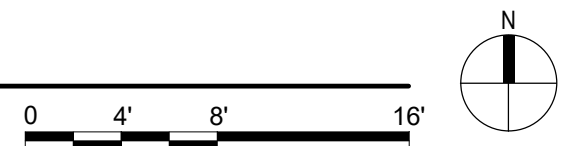


SHEET NOTES

- SEE GENERAL NOTES AND CAMPUS DRAWINGS FOR GENERAL 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 PLUMBING DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEMOLITION AND CONSTRUCTION REQUIREMENTS.
- PORTABLE FIRE EXTINGUISHERS (CO2 OR HALOGENATED TYPE AS DETERMINED BY VA) WITH WALL MOUNT BRACKET AND CODE REQUIRED SIGNAGE SHALL BE PROVIDED BY THE CONTRACTOR WITHIN TELECOM ROOMS.



1 SECOND FLOOR - OVERALL PLAN  
1/8" = 1'-0"



4/22/2022 7:58:16 AM

C:\Users\Public\Documents\Revit Projects\16305-29-R21\_E\_MarkforLvt

No	REVISION	DATE

CONSULTANT

**SPECIALIZED ENGINEERING SOLUTIONS**

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

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 Architect under the laws of the State of Minnesota.

Name:

Typed or Printed Name: Tom Olesak  
Date: 03/30/2022 License Number: MN# 18157

DRAWING TITLE  
SECOND FLOOR - OVERALL PLAN

PROJECT TITLE <b>EHRM INFRASTRUCTURE UPGRADES</b>	DATE 03/30/2022
BUILDING NO. 29	PLOT SCALE 656-21-235
CHECKED BY EM	DRAWN BY EM
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	DWG. OF FULLY SPRINKLERED

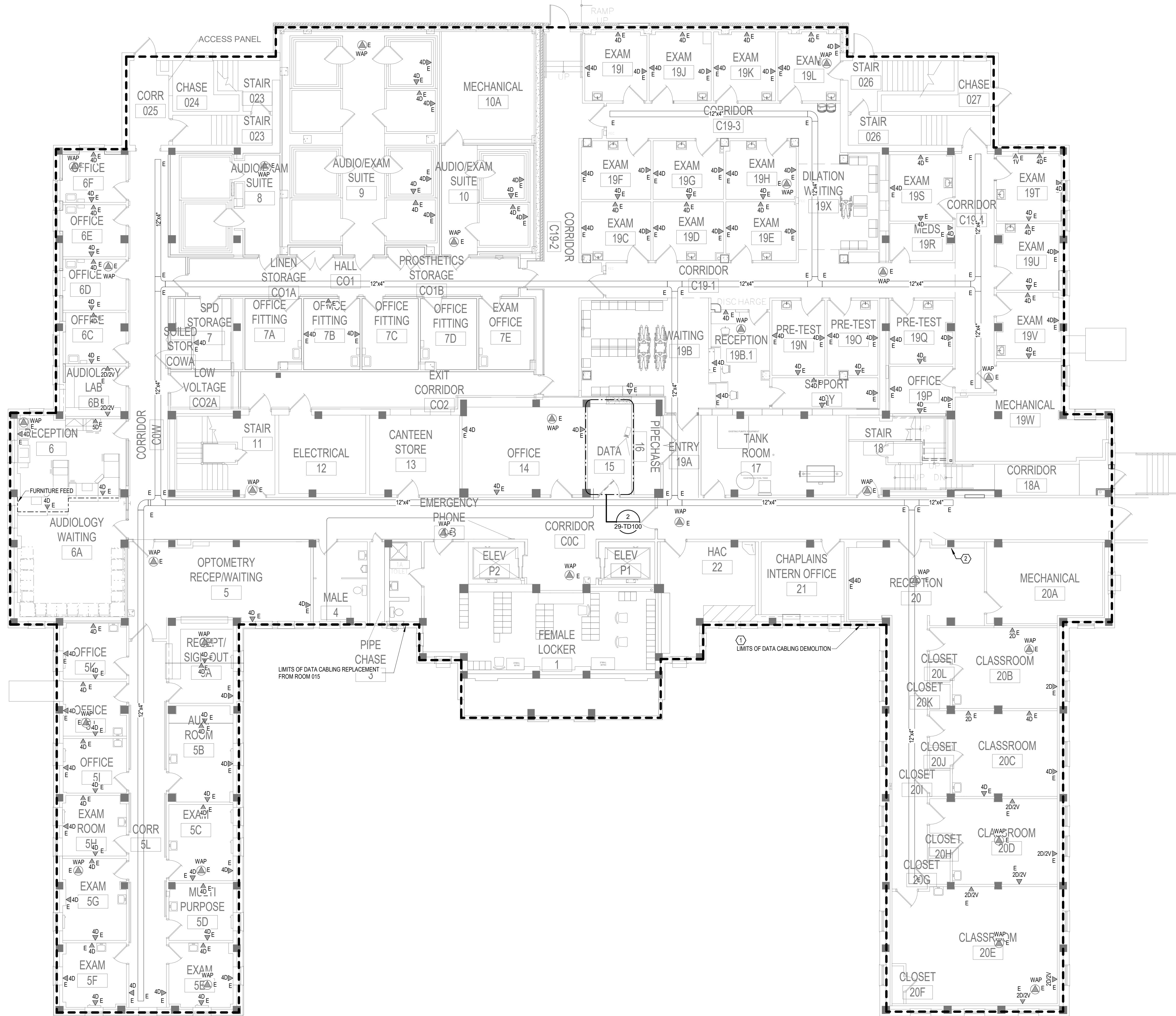
**U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System



BIM 360/21102.001 - VA St Cloud EHRM Infrastructure Upgrades 656-235 B28 T\_R21.rvt 5/11/2022 4:38:51 PM

1 2 3 4 5 6 7 8 9 10

A B C D E F



1 BASEMENT FLOOR PLAN - TELECOM - DEMOLITION  
1/8" = 1'-0"

2 TELECOM DEMO - ENLARGED PLAN - EXIST RM 15  
1/4" = 1'-0"

GENERAL NOTES:

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

SHEET NOTES:

1. REMOVE AND REPLACE EXISTING DATA CABLE. REMOVE ALL EXISTING DATA CABLES AND JACKS THROUGHOUT THIS AREA. REPLACE CABLES AND JACKS 1 FOR 1, AS REQUIRED BY THE NEW WORK PLANS. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.
2. EXISTING TELECOMMUNICATIONS CAGE AND RACK SHALL BE INCLUDED WITHIN THE SCOPE OF DEMOLITION. EXISTING CABLING AND ASSOCIATED OUTLETS SHALL BE REMOVED AND REPLACED 1 FOR 1 AND REPEATED FROM DISTRIBUTION EQUIPMENT 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.

CABLING NOTE:

CABLING NOTES:

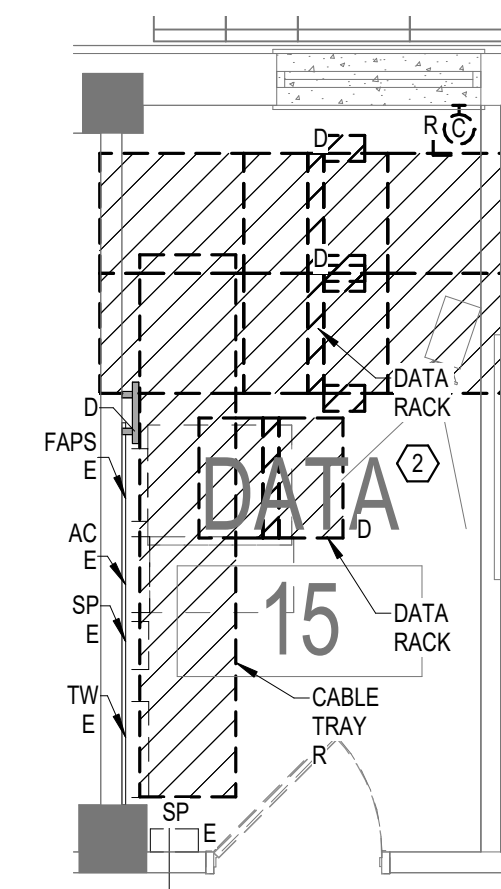
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

1. ROOM 015  
EXISTING CABLE COUNT  
DATA (CAT5): 0  
DATA (CAT5e): 460  
DATA (CAT6): 0  
DATA (CAT3): 0

CABLE RELOCATION COUNT  
DATA (CAT5): 0  
DATA (CAT5e): 0  
DATA (CAT6): 0  
DATA (CAT3): 0

EXISTING CABLE TO REMAIN  
DATA (CAT5): 0  
DATA (CAT5e): 0  
DATA (CAT6): 0  
DATA (CAT3): 0

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



No.	REVISION	DATE

CONSULTANT

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5530  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

**Bicsi**  
Nathan Timm  
BICS ID # 346555  
Expires 12-31-24

DRAWING TITLE  
BASEMENT FLOOR PLAN -  
TELECOM - DEMOLITION

PROJECT FILE <b>EHRM INFRASTRUCTURE UPGRADES</b>	DATE <b>03/30/2022</b>
PLOT SCALE	
PROJECT NO. <b>656-21-235</b>	DRAWING NO. <b>29-TD100</b>
BUILDING NO. <b>29</b>	CHECKED BY <b>SSK</b>
LOCATION VA MEDICAL CENTER ST. CLOUD, MN 56303	FULLY SPRINKLERED

**VA**

U.S. Department  
of Veterans Affairs  
Veterans Health  
Administration  
St. Cloud VA  
Health Care System



BIM 360://21102.001 - VA St. Cloud EHRM Infrastructure Upgrades/656-235 B28\_T\_R21.rvt 5/11/2022 4:38:53 PM

1 FIRST FLOOR PLAN - TELECOM - DEMOLITION  
1/8" = 1'-0"

2 TELECOM DEMO - ENLARGED PLAN - EXIST RM 144  
1/4" = 1'-0"

GENERAL NOTES:

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

SHEET NOTES:

1. REMOVE AND REPLACE EXISTING DATA CABLE. REMOVE ALL EXISTING DATA CABLES AND JACKS THROUGHOUT THIS AREA. REPLACE CABLES AND JACKS 1 FOR 1, AS REQUIRED BY THE NEW WORK PLANS. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.
2. EXISTING TELECOMMUNICATIONS CAGE AND RACK SHALL BE INCLUDED WITHIN THE SCOPE OF DEMOLITION. EXISTING CABLING AND ASSOCIATED OUTLETS SHALL BE REMOVED AND REPLACED 1 FOR 1 AND REPEATED FROM DISTRIBUTION EQUIPMENT 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.

CABLING NOTE:

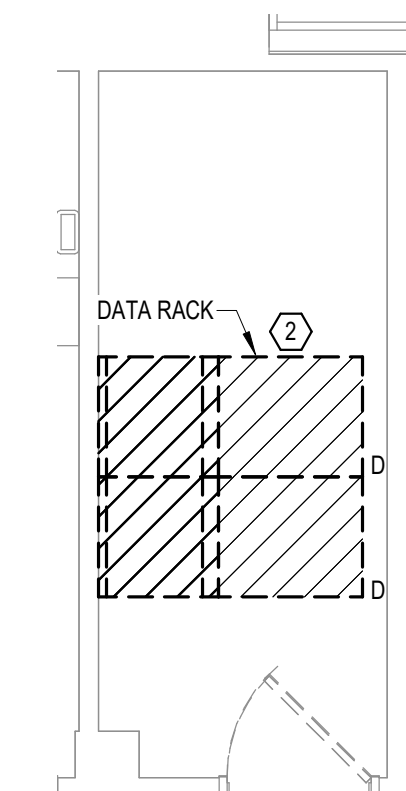
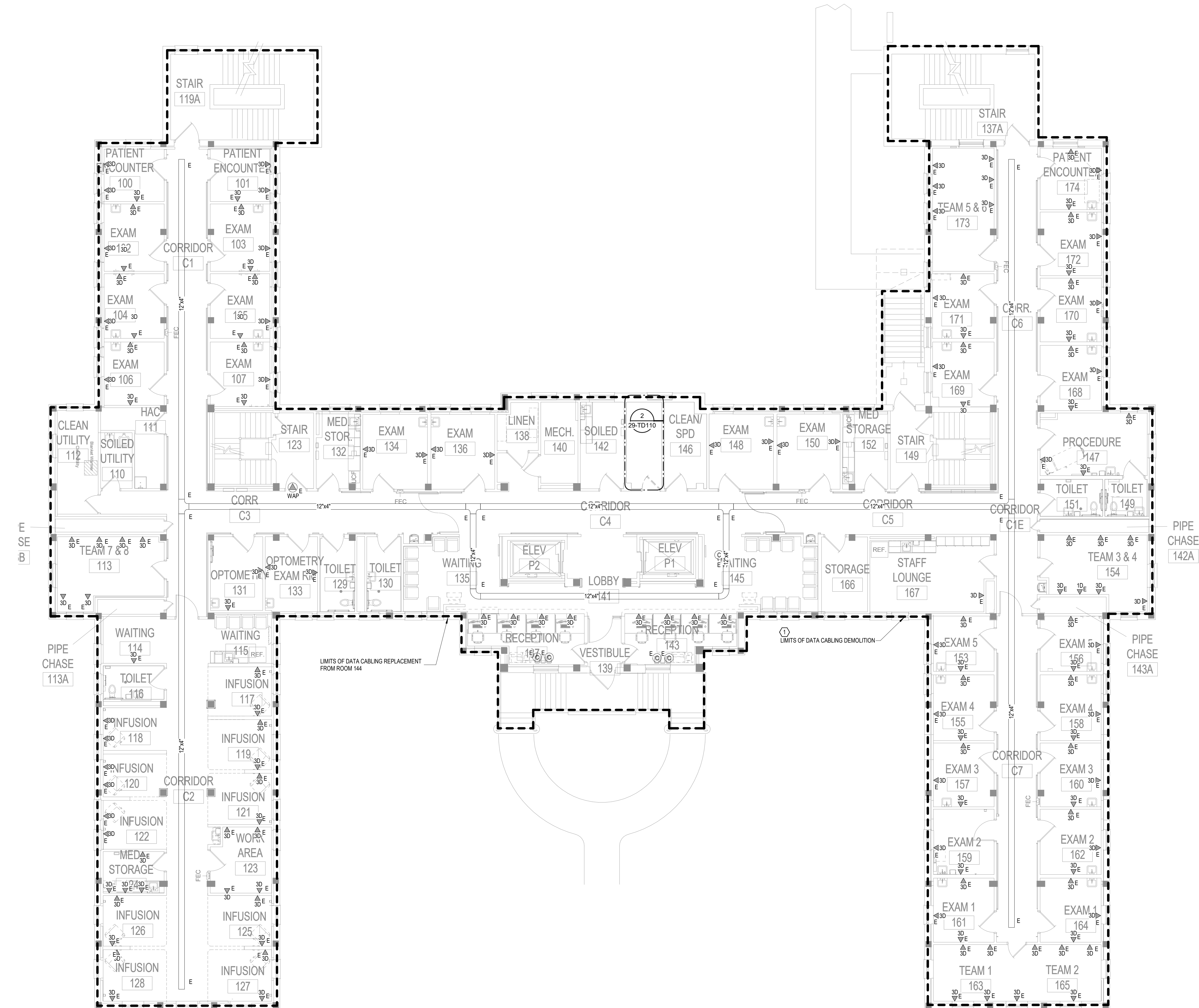
CABLING NOTES:  
A. THE EXISTING CABLE COUNT ARE THE CABLES CURRENTLY PRESENT IN THE SPACE. THE CABLE RELOCATION COUNT ARE THE NEW OR RELOCATED CABLES TO BE FED FROM THE SPACE. THE FINAL CABLE COUNT ARE THE CABLES THAT WILL BE PRESENT IN THE SPACE AT THE COMPLETION OF THE PROJECT.

1. ROOM 144  
EXISTING CABLE COUNT  
DATA (CAT6): 0  
DATA (CAT5e): 484  
DATA (CAT5): 0  
DATA (CAT3): 0

CABLE RELOCATION COUNT  
DATA (CAT6): 0  
DATA (CAT5e): 0  
DATA (CAT5): 0  
DATA (CAT3): 0

EXISTING CABLE TO REMAIN  
DATA (CAT6): 484  
DATA (CAT5e): 0  
DATA (CAT5): 0  
DATA (CAT3): 0

FINAL CABLE COUNT  
DATA (CAT6): 484  
DATA (CAT5e): 0  
DATA (CAT5): 0  
DATA (CAT3): 0



CONSULTANT

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5530  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

**Bicsi**  
Nathan Timm  
BICS ID # 346555  
Expires 12-31-24

*Nathan M. Timm*

DRAWING TITLE

FIRST FLOOR PLAN -  
TELECOM - DEMOLITION

PROJECT FILE

**EHRM INFRASTRUCTURE UPGRADES**

DATE: 03/30/2022  
PLOT SCALE:  
PROJECT NO: 656-21-235  
DRAWING NO: 29-TD110

BUILDING NO: 29  
CHECKED BY: KSB  
DRAWN BY: SSK

LOCATION: VA MEDICAL CENTER  
ST. CLOUD, MN 56303

FULLY SPRINKLERED

DWG. OF

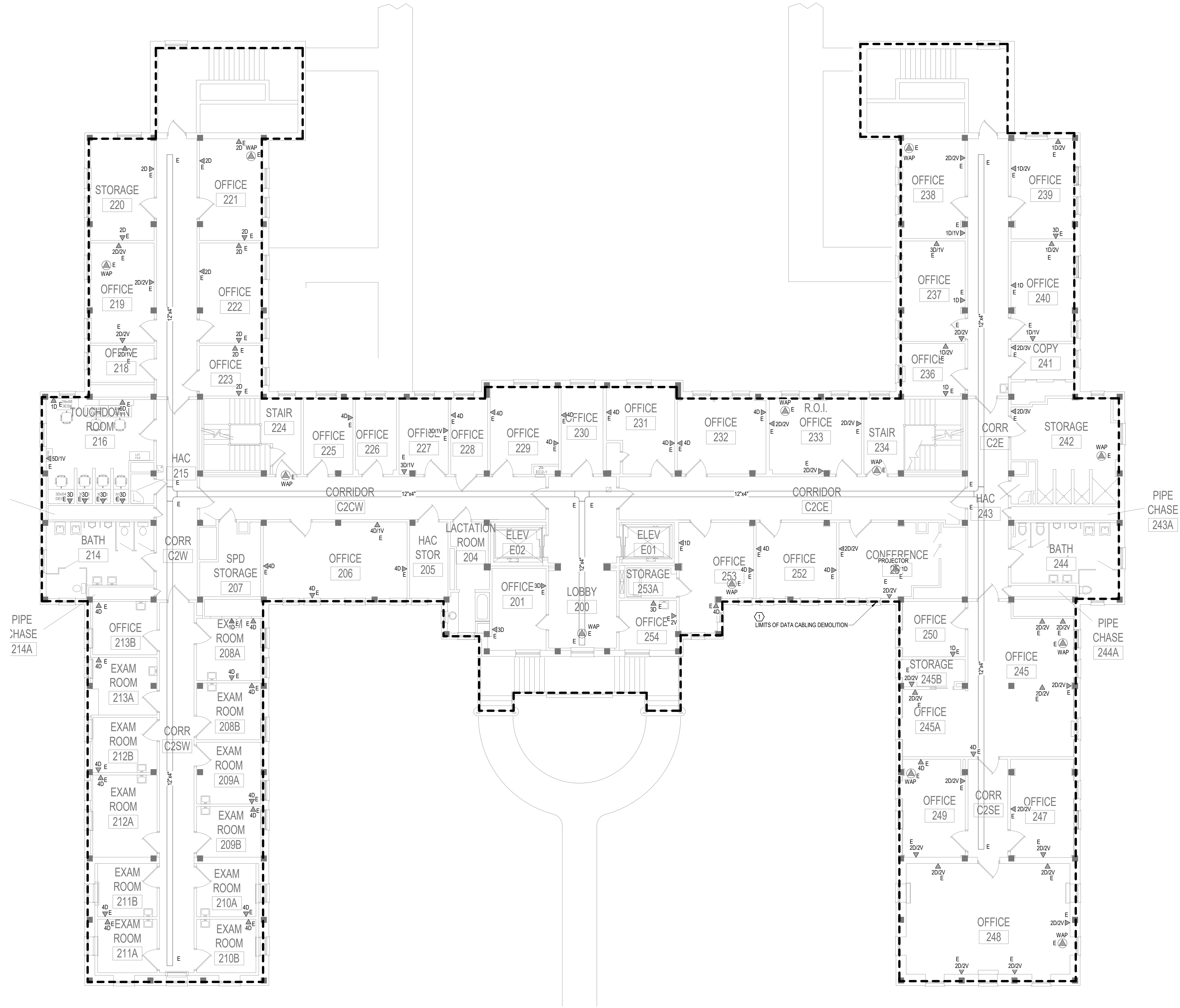
**VA**

**U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System

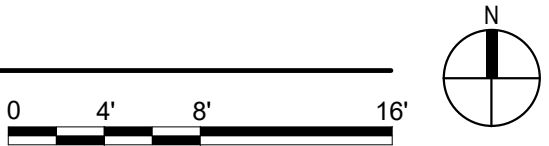


**GENERAL NOTES:**  
A. REFER TO GENERAL DEMOLITION NOTES ON SHEET 1000 FOR ADDITIONAL DEMOLITION SCOPE.

**SHEET NOTES:**  
1. REMOVE AND REPLACE EXISTING DATA CABLE. REMOVE ALL EXISTING DATA CABLES AND JACKS THROUGHOUT THIS AREA. REPLACE CABLES AND JACKS 1 FOR 1, AS REQUIRED BY THE NEW WORK PLANS. REFER TO NEW WORK PLANS FOR SERVING COMMUNICATIONS ROOM LOCATION AND NEW CABLING ROUTES.



1 SECOND FLOOR PLAN - TELECOM - DEMOLITION  
1/8" = 1'-0"



BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B28\_T\_R21.rvt 5/11/2022 4:38:54 PM

No.	REVISION	DATE

CONSULTANT

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

**Bicsi**  
Nathan Timm  
BICS ID # 346555  
Expires 12-31-24

*Nathan M. Timm*

DRAWING TITLE

SECOND FLOOR PLAN -  
TELECOM - DEMOLITION

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

DATE

03/30/2022

PLOT SCALE

PROJECT NO.

656-21-235

DRAWING NO.

29-TD120

BUILDING NO.

29

CHECKED BY

KSB

DRAWN

SSK

LOCATION

VA MEDICAL CENTER  
ST. CLOUD, MN 56303

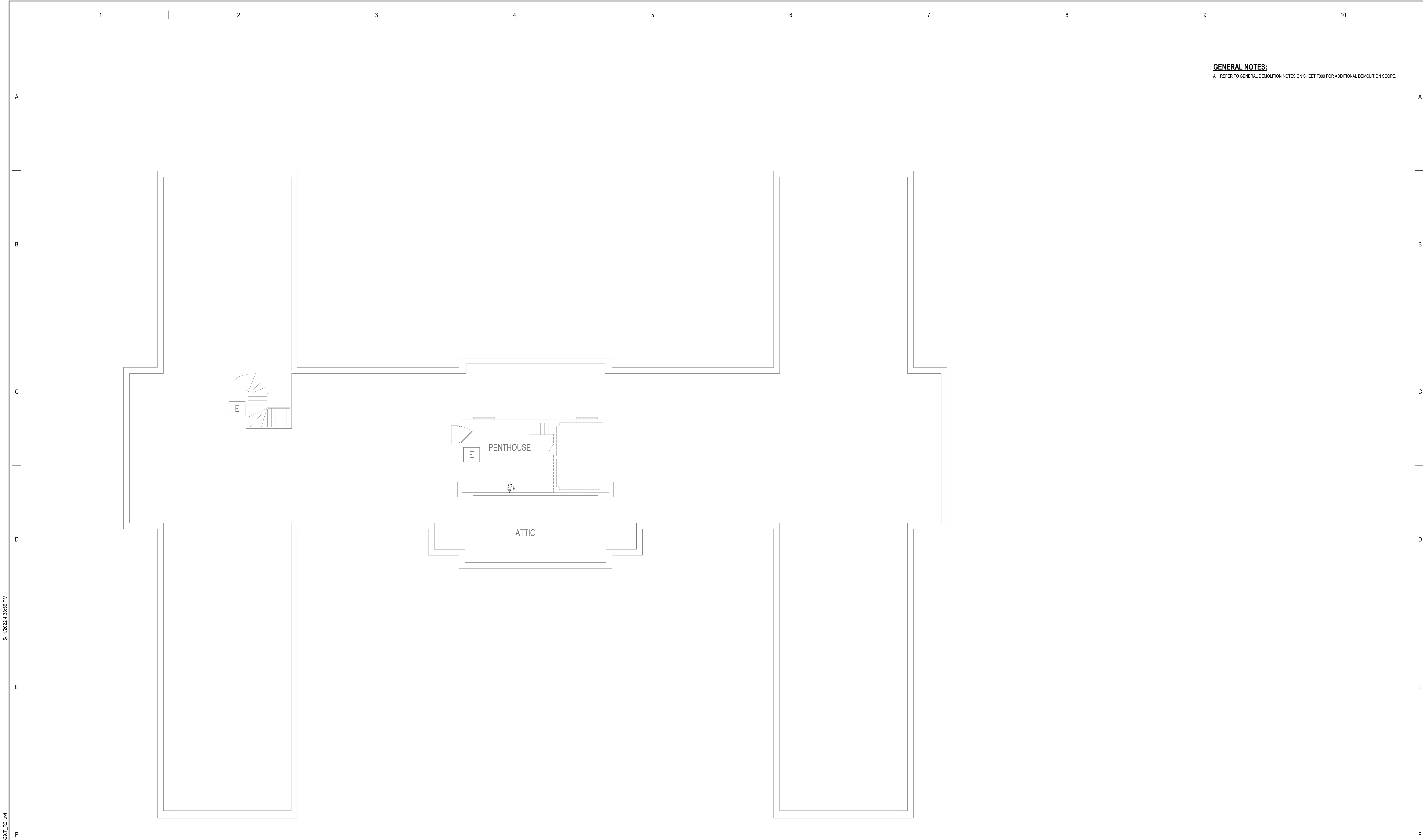
FULLY  
SPRINKLERED

DWG. OF

**VA**

**U.S. Department  
of Veterans Affairs**

Veterans Health  
Administration  
St. Cloud VA  
Health Care System



**GENERAL NOTES:**  
A. REFER TO GENERAL DEMOLITION NOTES ON SHEET 1000 FOR ADDITIONAL DEMOLITION SCOPE.

**1** ATTIC FLOOR PLAN - ELECTRICAL - DEMOLITION  
1/8" = 1'-0"

BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B29 T\_R21.rvt 5/11/2022 4:38:55 PM

No	REVISION	DATE


CONSULTANT



SPECIALIZED  
ENGINEERING  
SOLUTIONS


10360 Ellipse Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD



13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP



REGISTERED COMMUNICATIONS DISTRIBUTION  
Nathan Timm  
BICS1 ID # 346555  
EXPIRES 12-31-24  
Nathan M. Timm

DRAWING TITLE

ATTIC FLOOR PLAN -  
TELECOM - DEMOLITION

PROJECT TITLE  
EHRM INFRASTRUCTURE  
UPGRADES

BUILDING No  
29

CHECKED BY  
KSB

DRAWN  
SSK

DATE  
03/30/2022

PLOT SCALE

PROJECT NO  
656-21-235

DRAWING NO  
29-TD130

LOCATION  
VA MEDICAL CENTER  
ST. CLOUD, MN 56303

FULLY  
SPRINKLERED

DWG. OF



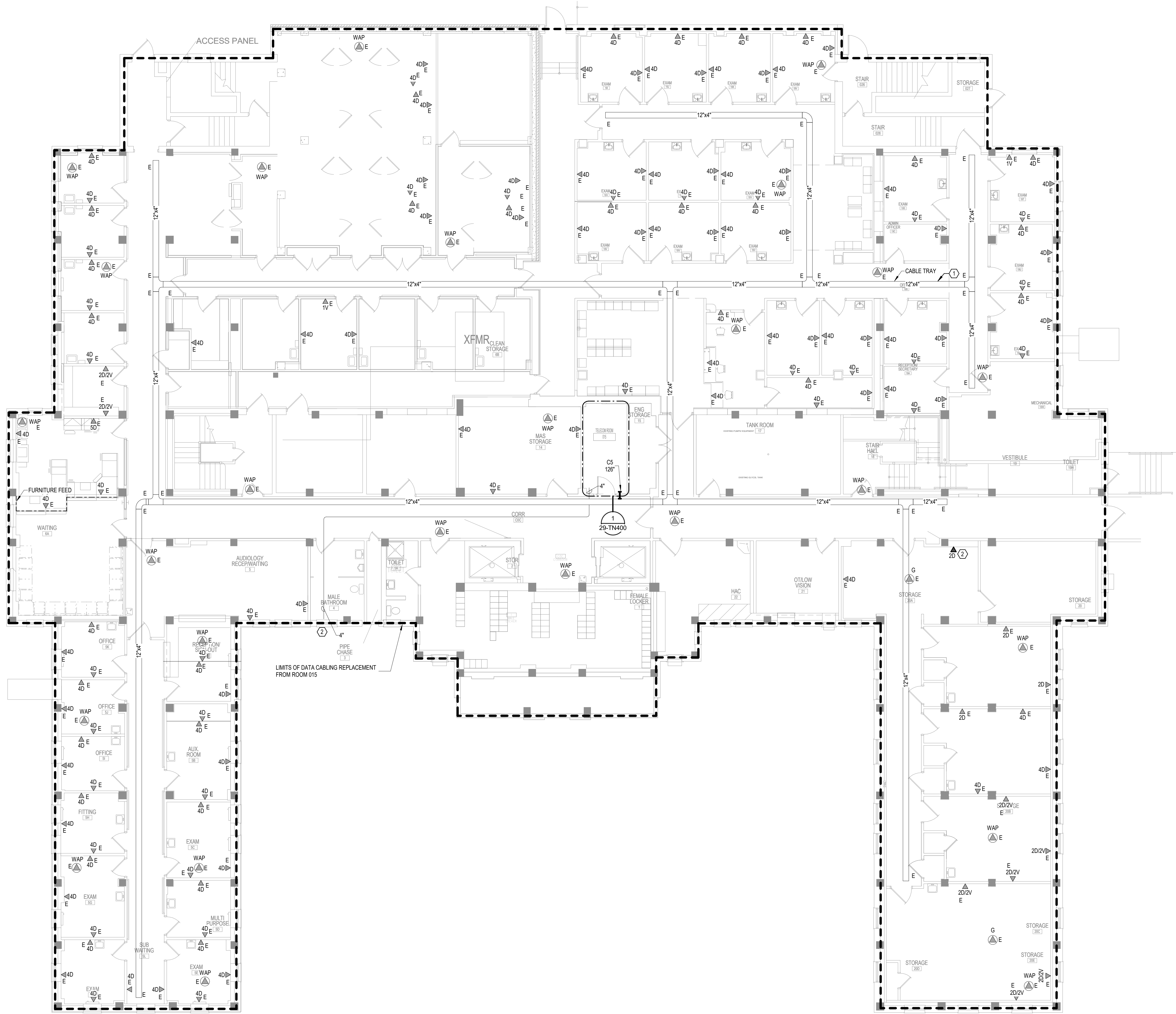
U.S. Department  
of Veterans Affairs

Veterans Health  
Administration  
St. Cloud VA  
Health Care System



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

- SHEET NOTES:**
1. CONTRACTOR TO PROVIDE NEW WIRE BASKET, AS NEEDED, TO MAINTAIN A 50% OR LESS FILL OF THE CABLE TRAY SYSTEM FOR THE FLOOR. THE NEW WIRE BASKET WILL MATCH THE SIZE AND DISTANCE, EITHER BESIDE OR BELOW THE EXISTING CABLE TRAY. TO MATCH THE EXISTING TELECOM CABLE TRAY.
  2. PROVIDE JUNCTION BOX TO CONNECT FIBER CONDUIT ENTRY TO EXTEND CONDUIT PATHWAY TO THE NEW TELECOM ROOM.



1 BASEMENT FLOOR PLAN - TELECOMMUNICATIONS  
1/8" = 1'-0"

BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B29\_T\_R21.rvt 5/11/2022 4:38:59 PM

No	REVISION	DATE

**CONSULTANT**

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

**ARCHITECT/ENGINEER OF RECORD**

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

**STAMP**

**Bicsi**  
Nathan Timm  
BICS ID # 346555  
EXPIRES 12-31-24

**DRAWING TITLE**

**BASEMENT FLOOR PLAN - TELECOMMUNICATIONS**

**PROJECT FILE**

**EHRM INFRASTRUCTURE UPGRADES**

DATE: 03/30/2022  
PLOT SCALE:  
PROJECT NO: 656-21-235  
DRAWING NO: 29-TN100

BUILDING NO: 29  
CHECKED BY: KSB  
DRAWN: SSK  
FULLY SPRINKLERED

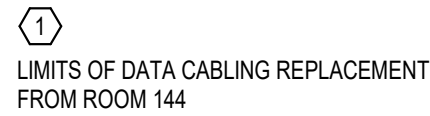
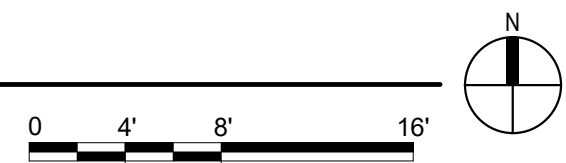
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303

DWG. OF:

**VA**

**U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System

1. CONTRACTOR TO PROVIDE NEW WIRE BASKET, AS NEEDED, TO MAINTAIN A 50% OR LESS FILL OF THE CABLE TRAY SYSTEM FOR THE FLOOR. THE NEW WIRE BASKET WILL MATCH THE SIZE AND DISTANCE, EITHER BESIDE OR BELOW THE EXISTING CABLE TRAY, TO MATCH THE EXISTING TELECOM CABLE TRAY.


$$1/8" = 1'-0"$$


**CONSULTANT**

**AST**  **SPECIALIZED ENGINEERING SOLUTIONS**

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5520  
[www.specializedeng.com](http://www.specializedeng.com)

**STAMP**

REGISTERED COMMUNICATIONS DISTRIBUTION

**Bicsi**

Nathan Timm

BICSI ID # 346555

EXPIRES 12-31-23

*[Signature]*

Nathan M. Timm

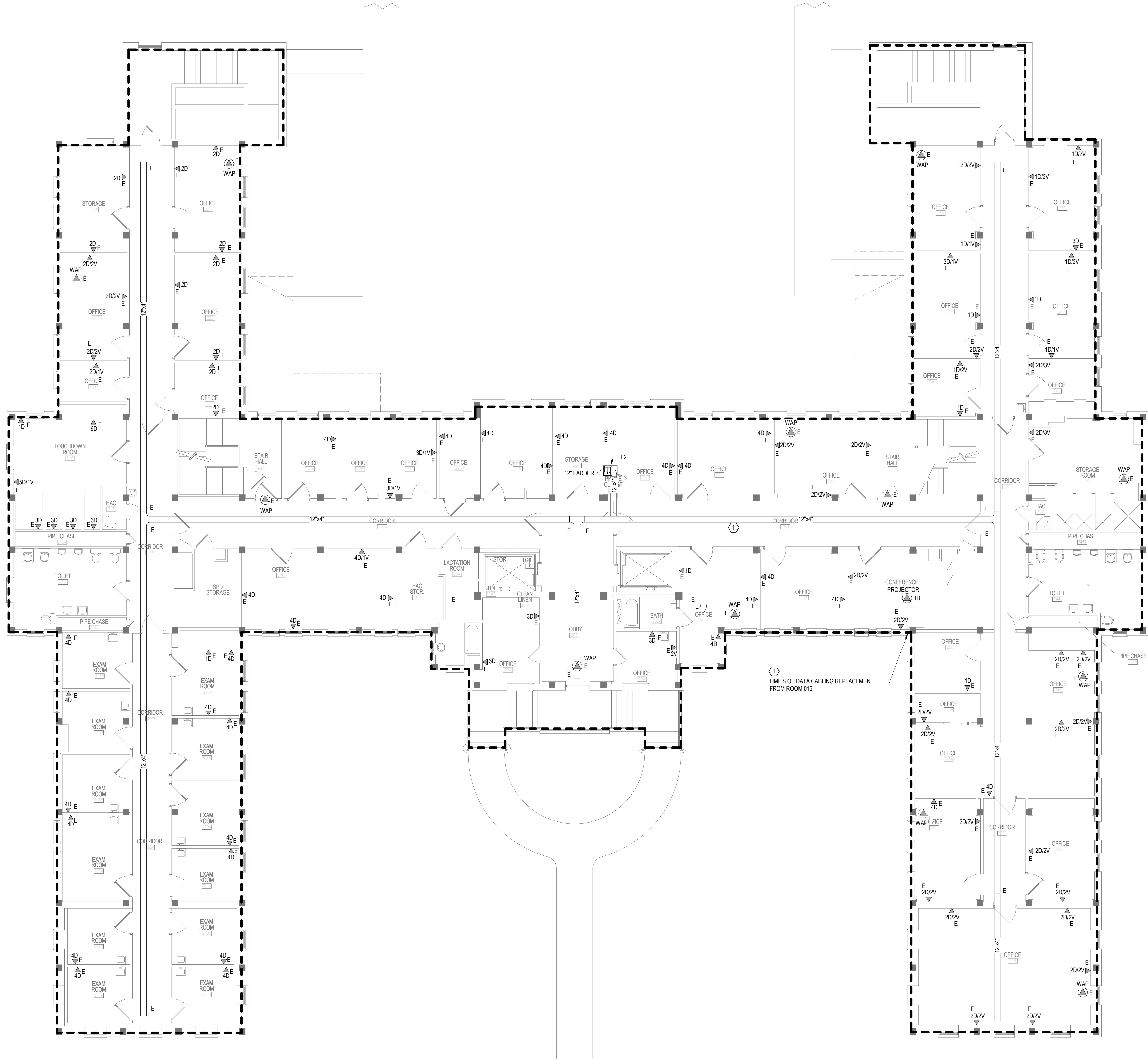
PROJECT TITLE			DATE:	
EHRM INFRASTRUCTURE UPGRADES			03/30/2022	
			PLOT SCALE	
			PROJECT NO.	
			656-21-235	
BUILDING NO.	CHECKED BY	DRAWN	DRAWING NO.	
29	KSB	SSK	29-TN110	
LOCATION			FULLY	
VA MEDICAL CENTER ST. CLOUD, MN 56303			SPRINKLERED	
			DWG. OF	



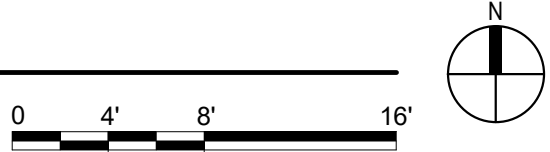


**GENERAL NOTES:**  
A. REFER TO GENERAL NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.

**SHEET NOTES:** (1)  
1. CONTRACTOR TO PROVIDE NEW WIRE BASKET, AS NEEDED, TO MAINTAIN A 50% OR LESS FILL OF THE CABLE TRAY SYSTEM FOR THE FLOOR. THE NEW WIRE BASKET WILL MATCH THE SIZE AND DISTANCE, EITHER BESIDE OR BELOW THE EXISTING CABLE TRAY, TO MATCH THE EXISTING TELECOM CABLE TRAY.



1 SECOND FLOOR PLAN - TELECOMMUNICATIONS  
1/8" = 1'-0"



No	REVISION	DATE

CONSULTANT



**SPECIALIZED  
ENGINEERING  
SOLUTIONS**

10360 Ellipse Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD


**ANDERSON**

Nathan Timm  
BICSI ID # 346555  
Expires 12-31-24

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

  
Nathan Timm  
BICSI ID # 346555  
Expires 12-31-24

*[Signature]* Nathan M. Timm

DRAWING TITLE

**SECOND FLOOR PLAN -  
TELECOMMUNICATIONS**

PROJECT FILE

**EHRM INFRASTRUCTURE  
UPGRADES**

DATE: 03/30/2022  
PLOT SCALE:  
PROJECT NO: 656-21-235  
DRAWING NO: 29-TN120

BUILDING NO: 29  
CHECKED BY: KSB  
DRAWN: SSK  
FULLY SPRINKLERED

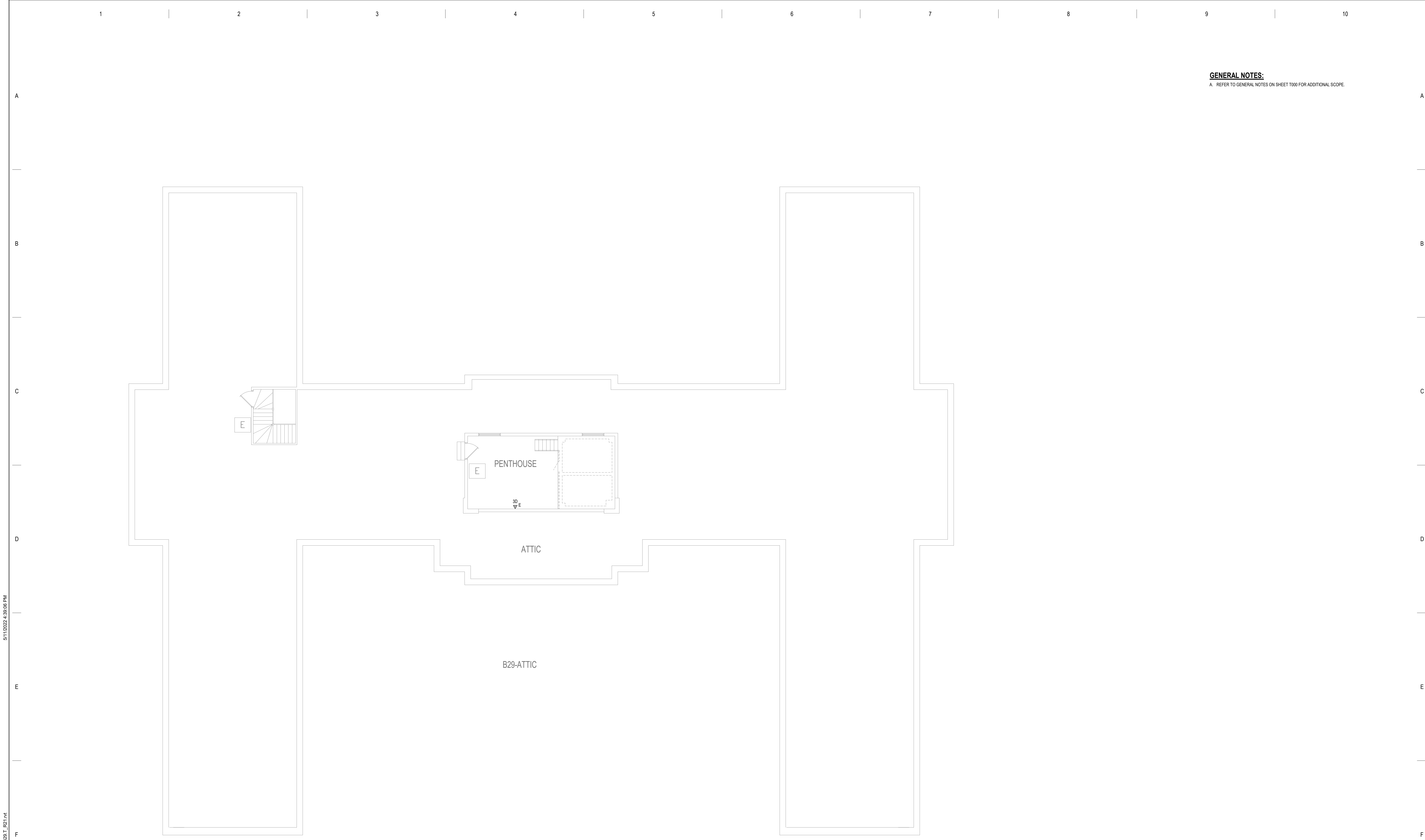
LOCATION: VA MEDICAL CENTER  
ST. CLOUD, MN 56303

DWG. OF

**VA**



**U.S. Department  
of Veterans Affairs**  
Veterans Health  
Administration  
St. Cloud VA  
Health Care System



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

1 THIRD FLOOR PLAN - TELECOMMUNICATIONS  
1/8" = 1'-0"

BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B29 T\_R21.rvt 5/11/2022 4:39:06 PM

No	REVISION	DATE

CONSULTANT

AST

SES

SPECIALIZED  
ENGINEERING  
SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

Bicsi

Nathan Timm  
BICS ID # 346555  
EXPIRES 12-31-24

Signature

Nathan M. Timm

DRAWING TITLE

ATTIC FLOOR PLAN -  
TELECOMMUNICATIONS

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

DATE

03/30/2022

PLOT SCALE

PLOT NO.

656-21-235

DRAWING NO.

29-TN130

BUILDING NO.

29

CHECKED BY

KSB

DRAWN

SSK

LOCATION

VA MEDICAL CENTER  
ST. CLOUD, MN 56303

FULLY  
SPRINKLERED

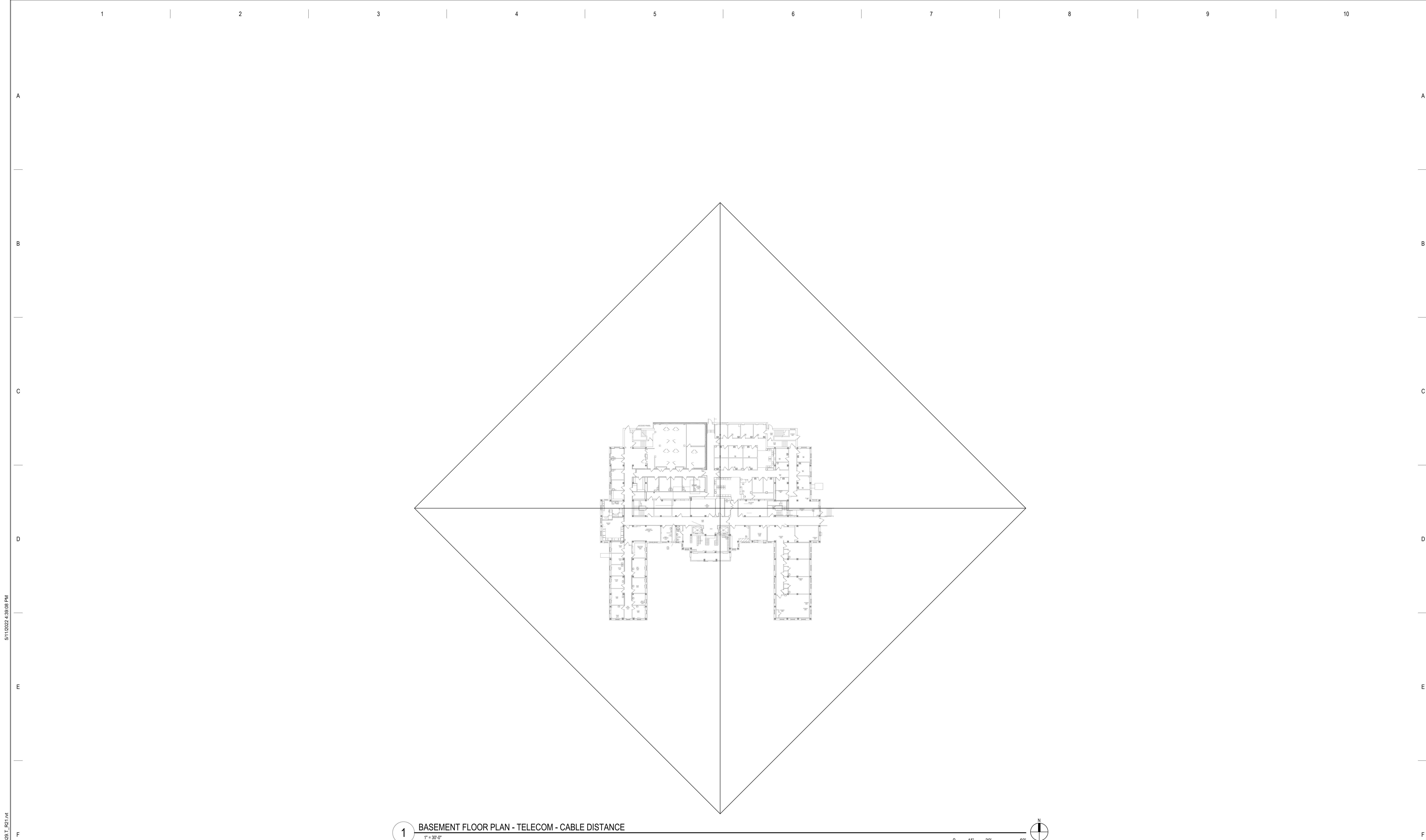
DWG. OF

VA

U.S. Department  
of Veterans Affairs

Veterans Health  
Administration  
St. Cloud VA  
Health Care System





BIM 360/121102.001 - VA St Cloud EHRM Infrastructure Upgrades\656-235-B29\_T\_R21.rvt 5/11/2022 4:39:08 PM

No	REVISION	DATE

CONSULTANT

AST

SES

SPECIALIZED  
ENGINEERING  
SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

REGISTERED COMMUNICATIONS DISTRIBUTION

Bicsi

Nathan Timm  
BICS ID # 346555  
Expires 12-31-24

Signature

Nathan M. Timm

DRAWING TITLE

BASEMENT FLOOR PLAN -  
TELECOM - CABLE DISTANCE

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

BUILDING NO.  
29

CHECKED BY  
KSB

DRAWN  
SSK

DATE  
03/30/2022

PLOT SCALE

PROJECT NO.  
656-21-235

DRAWING NO.  
29-TN200

LOCATION  
VA MEDICAL CENTER  
ST. CLOUD, MN 56303

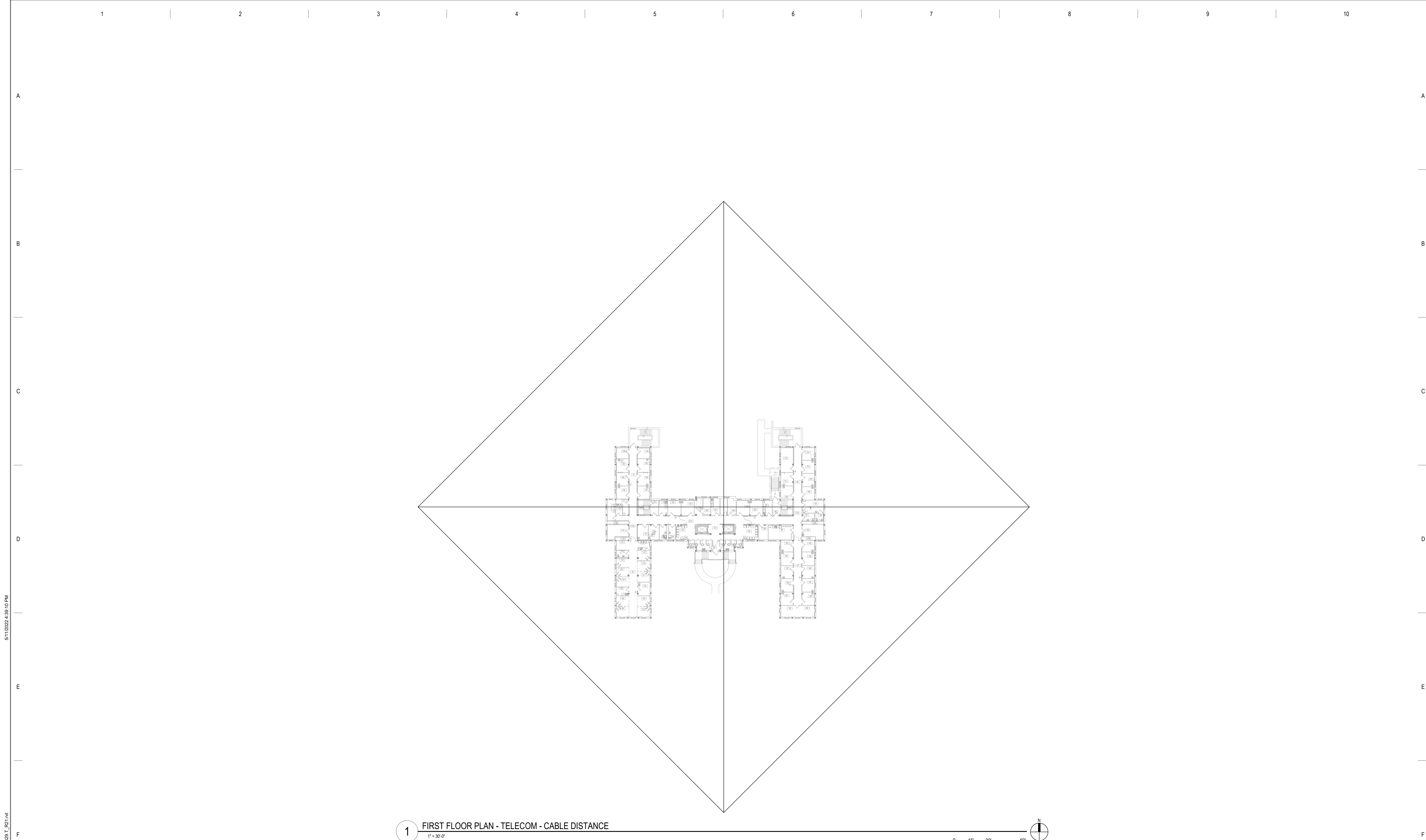
FULLY  
SPRINKLERED

DWG. OF

VA

U.S. Department  
of Veterans Affairs

Veterans Health  
Administration  
St. Cloud VA  
Health Care System



BIM 360/21/102.001 - VA St Cloud EHRM Infrastructure Upgrades 656-235 B28 T\_R21.rvt 5/11/2022 4:39:10 PM

1

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

F

m

D

C

B

A

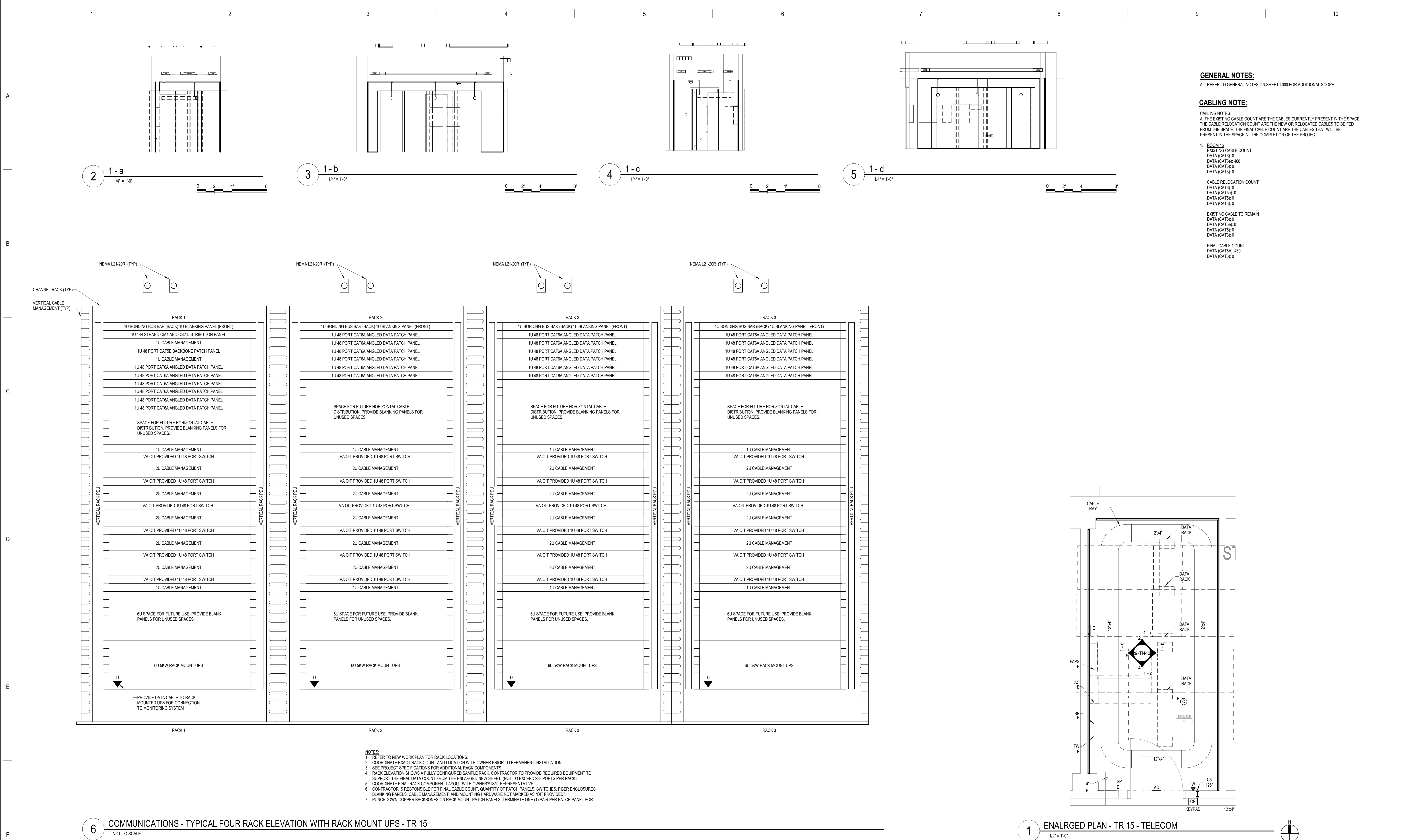
F

m

D



5/11/2022 4:39:11 PM  
BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B28 TR 15.dwg



No	REVISION	DATE

**CONSULTANT**

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellman Circle  
Omaha, NE 68134

Phone: 402.991.5530  
www.specializedeng.com

**ARCHITECT/ENGINEER OF RECORD**

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae@mn.com](mailto:ae@mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305

**STAMP**

**REGISTERED COMMUNICATIONS DISTRIBUTION**

**Bicsi**  
Nathan Timm  
BICS ID # 346555  
Expires 12-31-24

*[Signature]*  
Nathan M. Timm

**DRAWING TITLE**

**ENLARGED PLANS - TELECOMMUNICATIONS**

**PROJECT FILE**  
**EHRM INFRASTRUCTURE UPGRADES**

**DATE**  
03/30/2022

**PLOT SCALE**  
AS SHOWN

**PROJECT NO.**  
656-21-235

**DRAWING NO.**  
29-TN400

**BUILDING NO.**  
29

**CHECKED BY**  
KSB

**DRAWN BY**  
SSK

**LOCATION**  
VA MEDICAL CENTER  
ST. CLOUD, MN 56303

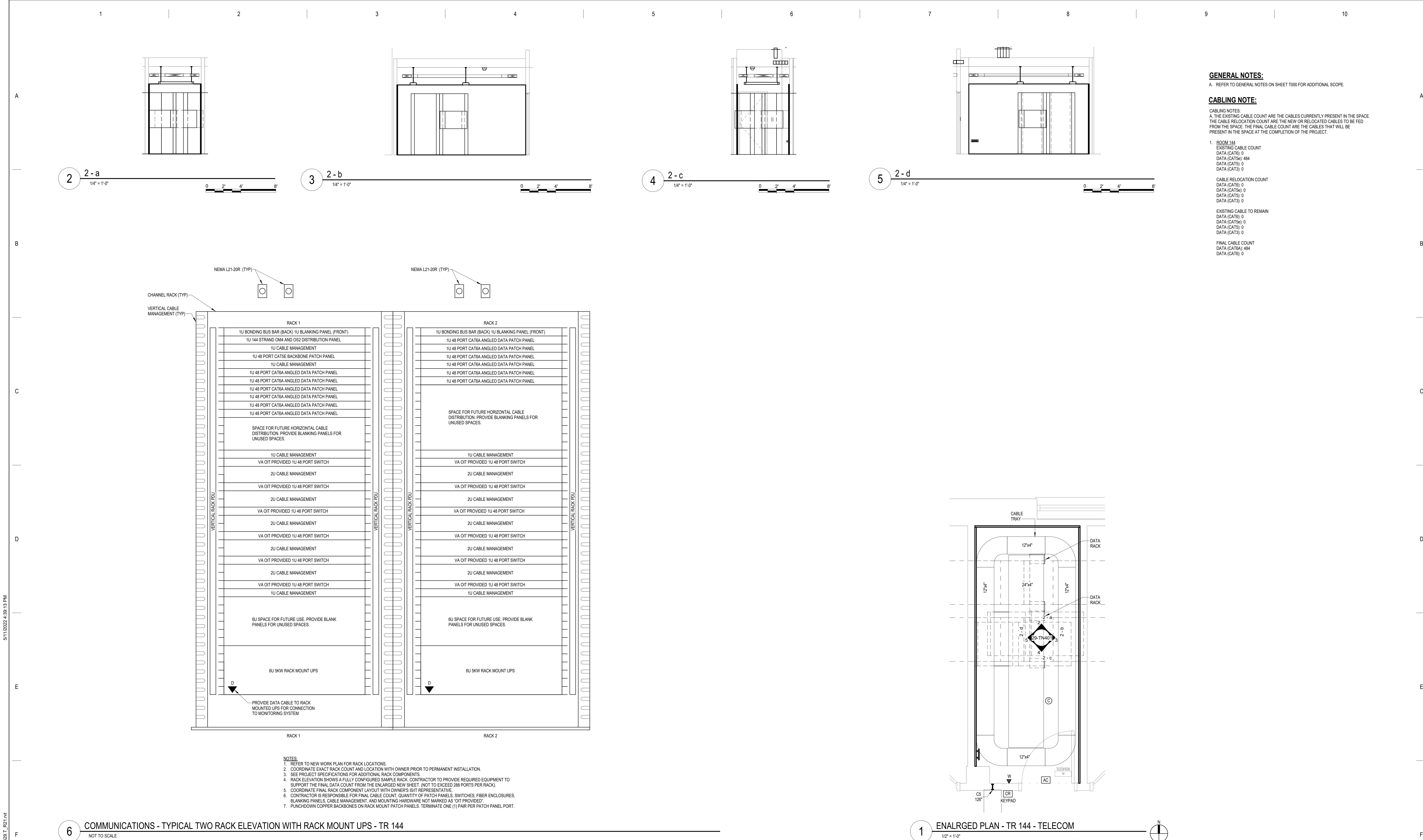
**FULLY SPRINKLERED**

**DWG. OF**

**VA**

**U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System

BIM 360://21102.001 - VA St Cloud EHRM Infrastructure Upgrades/656-235 B28\_T\_R21.rvt 5/11/2022 4:39:13 PM



No	REVISION	DATE

CONSULTANT

**AST SES** SPECIALIZED ENGINEERING SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134

Phone: 402.991.5530  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

**Bicsi**  
Nathan Timm  
BICS I/O # 346555  
EXPIRES 12-31-24  
REGISTERED COMMUNICATIONS DISTRIBUTION

DRAWING TITLE

ENLARGED PLANS - TELECOMMUNICATIONS

PROJECT FILE

**EHRM INFRASTRUCTURE UPGRADES**

DATE: 03/30/2022  
PLOT SCALE:  
PROJECT NO: 656-21-235  
DRAWING NO: 29-TN401

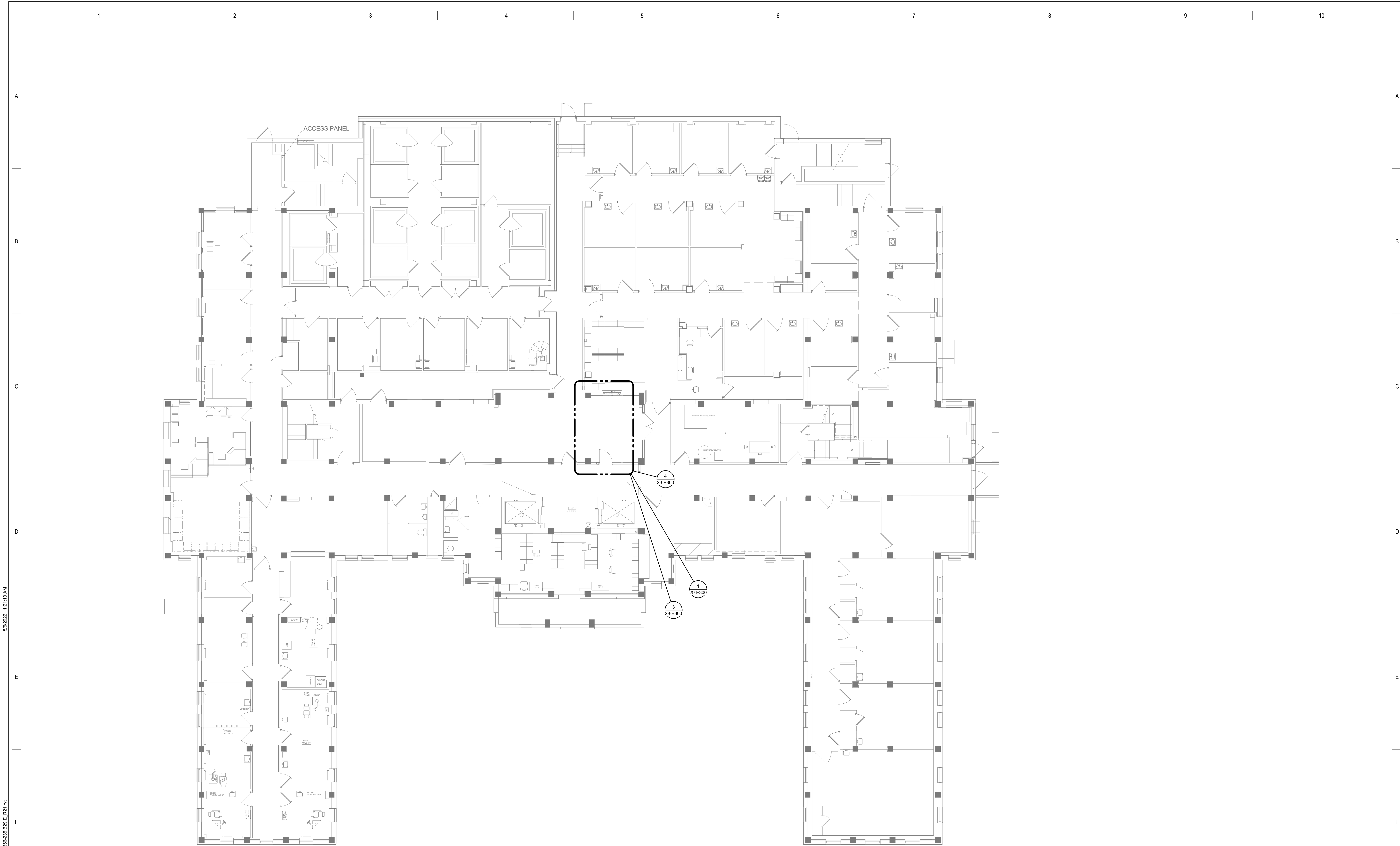
BUILDING NO: 29  
CHECKED BY: KSB  
DRAWN: SSK  
LOCATION: VA MEDICAL CENTER ST. CLOUD, MN 56303  
FULLY SPRINKLERED

DWG. OF

**VA**

**U.S. Department of Veterans Affairs**  
Veterans Health Administration  
St. Cloud VA Health Care System





1 BASEMENT - ELECTRICAL  
1/8" = 1'-0"



100% CD		03/30
No	REVISION	DATE

CONSULTANT

**SPECIALIZED  
ENGINEERING  
SOLUTIONS**

10360 Ellison Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

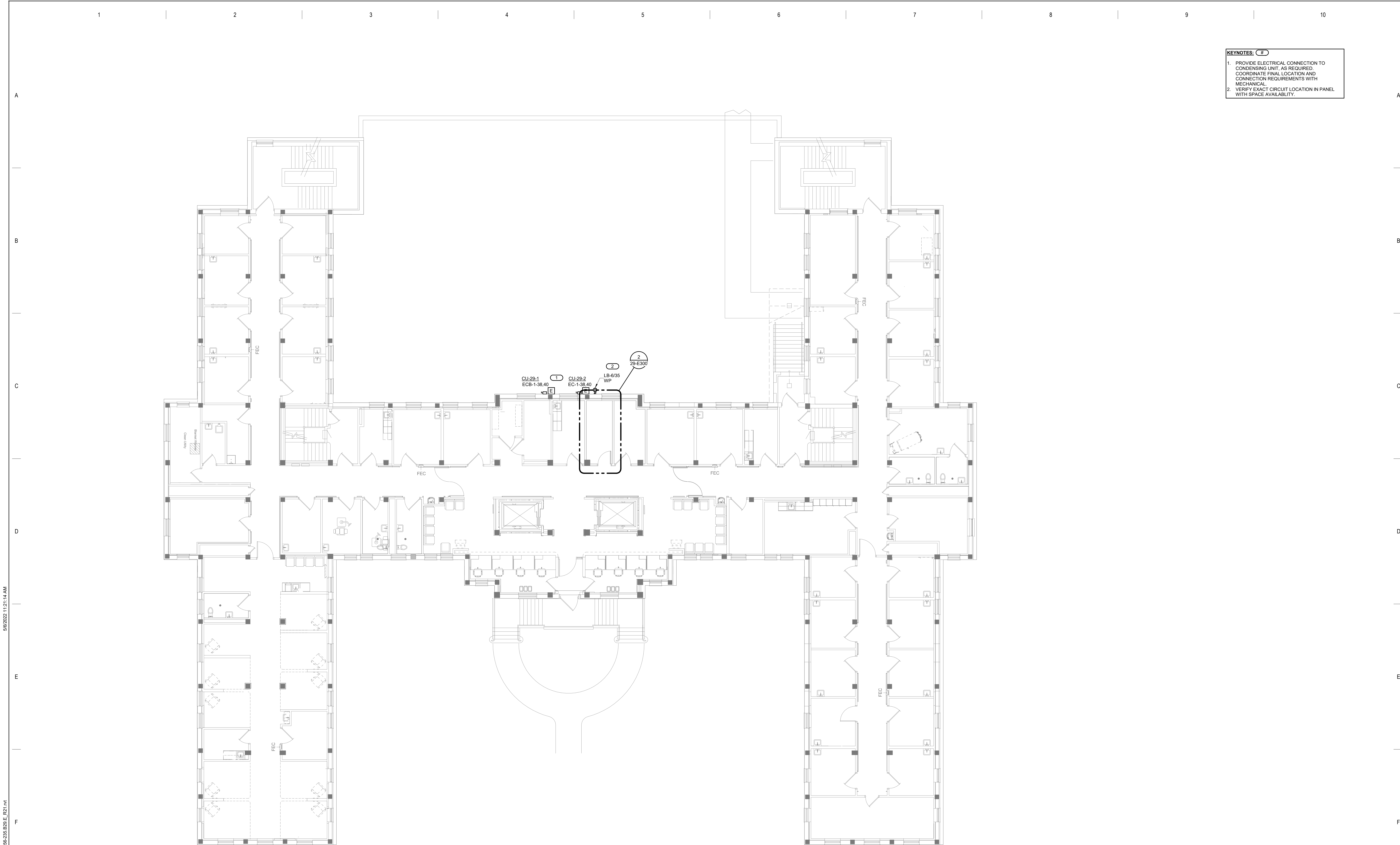
DRAWING TITLE

**BASEMENT - ELECTRICAL**

PROJECT TITLE		DATE	
EHRM INFRASTRUCTURE UPGRADES		03/30/2022	
PROJECT NO.		PLOT SCALE	
656-21-235			
BUILDING NO.	CHECKED BY	DRAWN	DRAWING NO.
29	TBD	GJL	29-E200
LOCATION		FULLY SPRINKLERED	
VA MEDICAL CENTER ST. CLOUD, MN 56303		DWS OF	

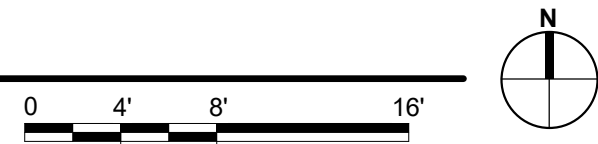
**U.S. Department  
of Veterans Affairs**

Veterans Health  
Administration  
St. Cloud VA  
Health Care System



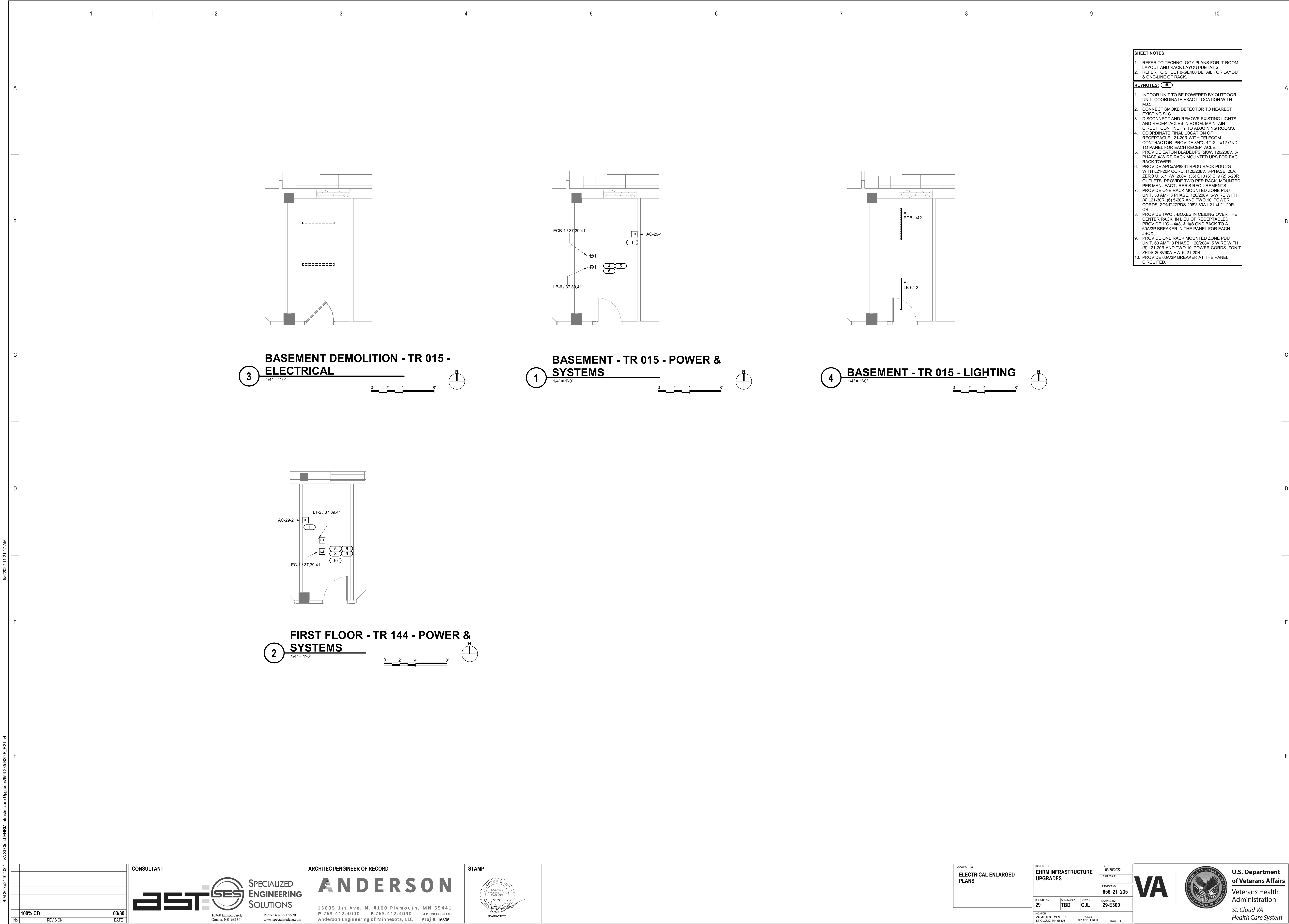
- KEYNOTES:** ( # )
1. PROVIDE ELECTRICAL CONNECTION TO CONDENSING UNIT, AS REQUIRED. COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL.
  2. VERIFY EXACT CIRCUIT LOCATION IN PANEL WITH SPACE AVAILABILITY.

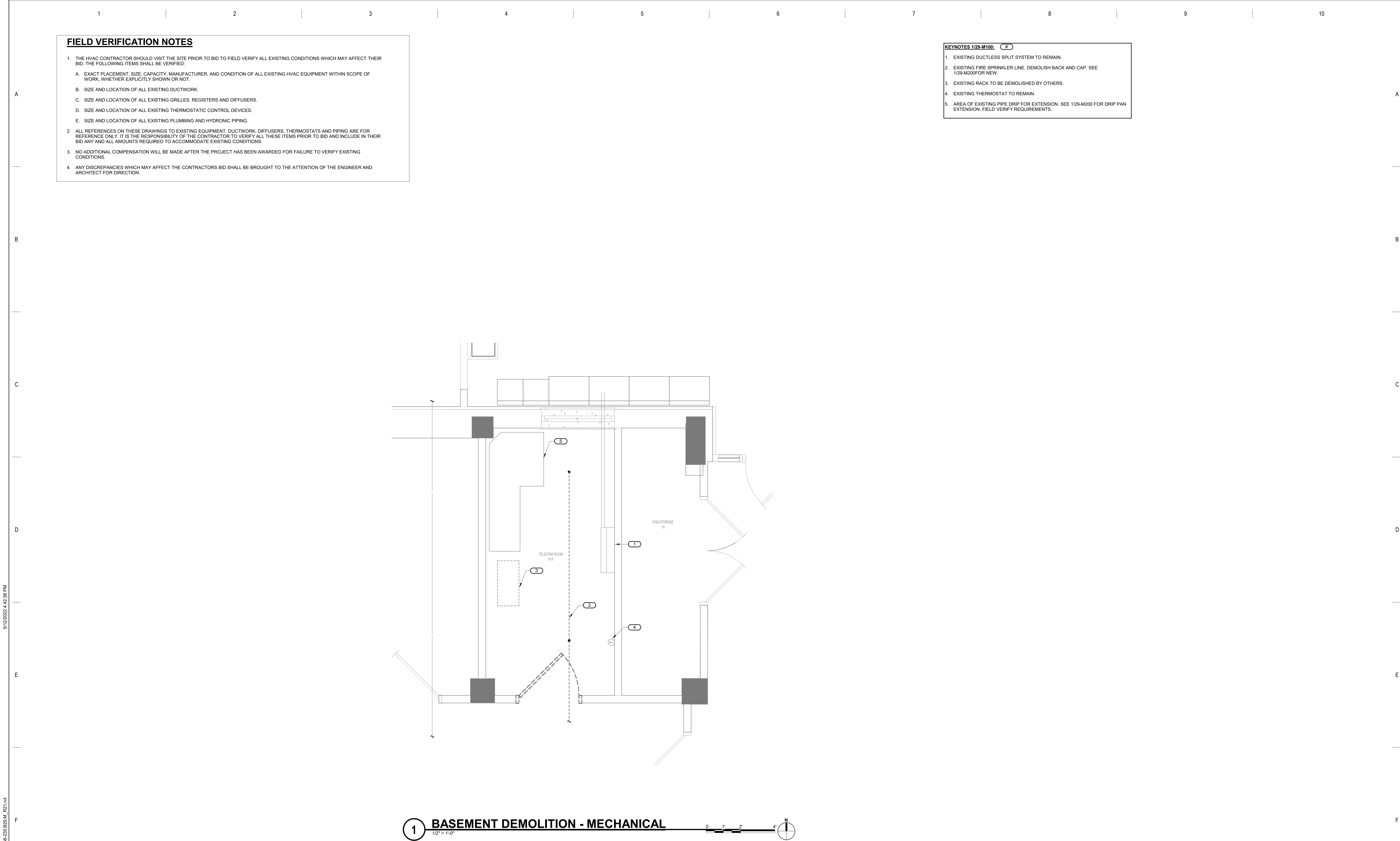
**1 FIRST FLOOR - ELECTRICAL**  
1/8" = 1'-0"



BIM 360/21102.001 - VA St. Cloud EHRM Infrastructure Upgrades 656-235 B29 E_R21.dwg	
5/6/2022 11:21:14 AM	
m	
F	
No	
100% CD	
REVISION	
DATE	
03/30	
DATE	
CONSULTANT	
AST SES SPECIALIZED ENGINEERING SOLUTIONS	
10360 Ellison Circle Omaha, NE 68134	
Phone: 402.991.5520 www.specializedeng.com	
ARCHITECT/ENGINEER OF RECORD	
ANDERSON	
13605 1st Ave. N. #100 Plymouth, MN 55441	
P 763.412.4000   F 763.412.4090   ae-mn.com	
Anderson Engineering of Minnesota, LLC   Proj # 16305	
STAMP	
MICHAEL S. HANSEN	
LICENSED PROFESSIONAL ENGINEER	
52009	
05-06-2022	
DRAWING TITLE	
FIRST FLOOR - ELECTRICAL	
PROJECT TITLE	
EHRM INFRASTRUCTURE UPGRADES	
DATE	
03/30/2022	
PLOT SCALE	
PROJECT NO.	
656-21-235	
DRAWING NO.	
29-E201	
BUILDING NO.	
29	
CHECKED BY	
TBD	
DRAWN	
GJL	
LOCATION	
VA MEDICAL CENTER ST. CLOUD, MN 56303	
FULLY SPRINKLERED	
DWS. OF	
U.S. Department of Veterans Affairs	
Veterans Health Administration	
St. Cloud VA Health Care System	







BIM 360/21102.001 - VA St Cloud EHRM Infrastructure Upgrades 656-235 B29.M\_R21.rvt 5/12/2022 4:42:38 PM

No	REVISION	DATE
100% CD		03/30

CONSULTANT



**SPECIALIZED  
ENGINEERING  
SOLUTIONS**

10360 Ellipse Circle  
Omaha, NE 68134

Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

**ANDERSON**

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | [ae-mn.com](http://ae-mn.com)  
Anderson Engineering of Minnesota, LLC | Proj # 16305


STAMP

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.

Name: \_\_\_\_\_

Date: 03/30/2022

License Number: MN# \_\_\_\_\_



DRAWING TITLE

**BASEMENT DEMOLITION -  
MECHANICAL**

PROJECT TITLE		DATE	
EHRM INFRASTRUCTURE UPGRADES		03/30/2022	
PLOT SCALE		PROJECT NO.	
		656-21-235	
BUILDING NO.	CHECKED BY	DRAWN	DRAWING NO.
29	RDL	DJC	29-M100
LOCATION		FULLY SPRINKLERED	
VA MEDICAL CENTER ST. CLOUD, MN 56303		DWS OF	



**U.S. Department  
of Veterans Affairs**

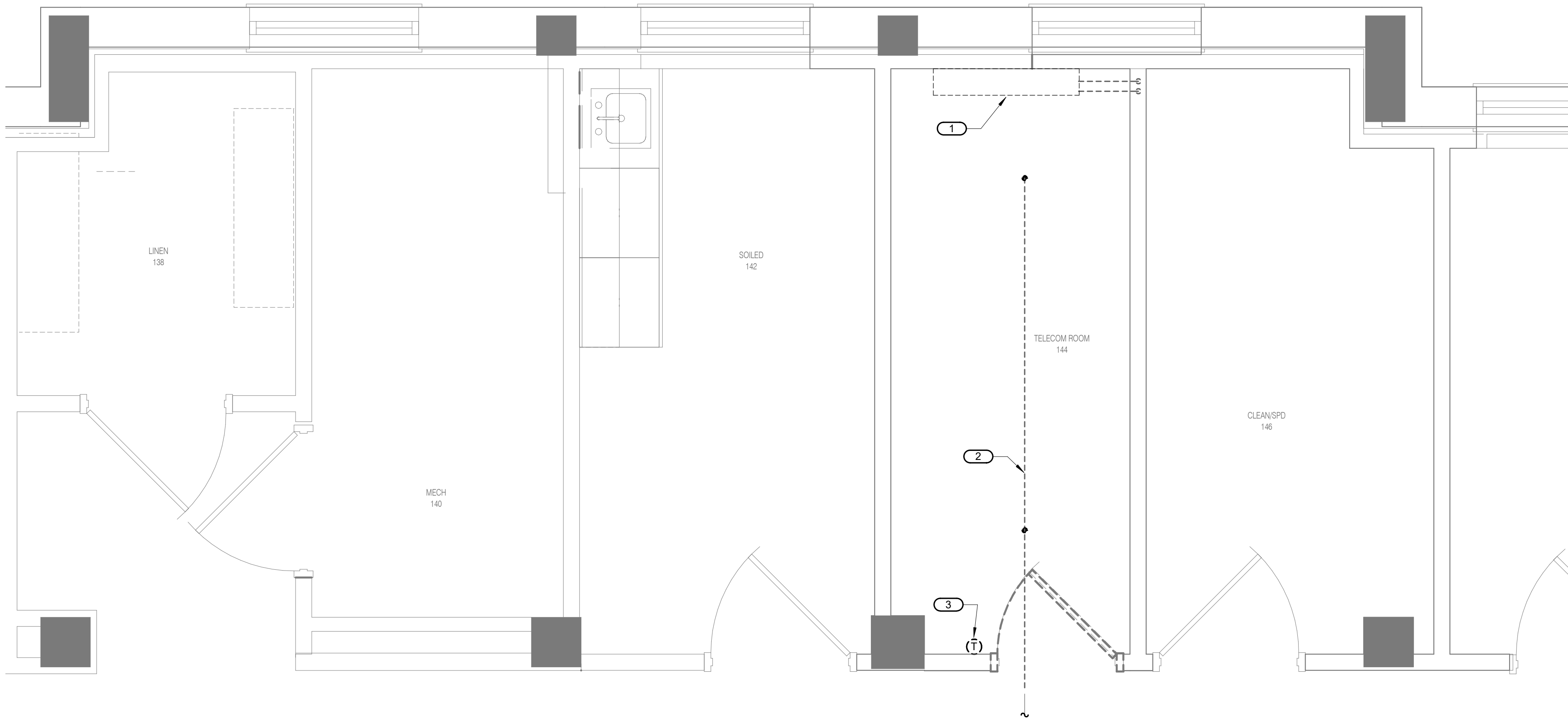
Veterans Health  
Administration  
St. Cloud VA  
Health Care System



FIELD VERIFICATION NOTES

- THE HVAC CONTRACTOR SHOULD VISIT THE SITE **PRIOR TO BID** TO FIELD VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THEIR BID. THE FOLLOWING ITEMS SHALL BE VERIFIED:
  - EXACT PLACEMENT, SIZE, CAPACITY, MANUFACTURER, AND CONDITION OF ALL EXISTING HVAC EQUIPMENT WITHIN SCOPE OF WORK, WHETHER EXPLICITLY SHOWN OR NOT.
  - SIZE AND LOCATION OF ALL EXISTING DUCTWORK.
  - SIZE AND LOCATION OF ALL EXISTING GRILLES, REGISTERS AND DIFFUSERS.
  - SIZE AND LOCATION OF ALL EXISTING THERMOSTATIC CONTROL DEVICES.
  - SIZE AND LOCATION OF ALL EXISTING PLUMBING AND HYDRONIC PIPING.
- ALL REFERENCES ON THESE DRAWINGS TO EXISTING EQUIPMENT, DUCTWORK, DIFFUSERS, THERMOSTATS AND PIPING ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL THESE ITEMS PRIOR TO BID AND INCLUDE IN THEIR BID ANY AND ALL AMOUNTS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS.
- NO ALLOWANCES WILL BE MADE AFTER THE PROJECT HAS BEEN AWARDED FOR FAILURE TO VERIFY EXISTING CONDITIONS.
- ANY DISCREPANCIES WHICH MAY AFFECT THE CONTRACTORS BID SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT FOR DIRECTION.

- KEYNOTES 1/29-M101:** #
- DEMO EXISTING UNIT CONVECTOR AND CONTROLS. CAP PIPES IN PREPARATION FOR NEW CUH. FIELD VERIFY REQUIREMENTS.
  - REMOVE AND DIPOSE OF EXISTING FIRE SPRINKLER HEADS AND PIPING BACK TO LOCATION SHOWN AND PREPARE FOR RECONNECTION AND REROUTING.
  - REMOVE AND DIPOSE OF EXISTING THERMOSTAT AND ASSOCIATED WIRING.



**1 FIRST FLOOR DEMOLITION**  
1/2" = 1'-0"

BIM 360/121102.001 - VA St Cloud EHRM Infrastructure Upgrades 656-235-B29.M\_R21.rvt 5/12/2022 4:42:38 PM

No	REVISION	DATE
100% CD		03/30

CONSULTANT

AST

SES

SPECIALIZED  
ENGINEERING  
SOLUTIONS

10360 Ellison Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

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.

PROFESSIONAL  
ENGINEER  
STATE OF MINNESOTA

DATE: 03/30/2022  
License Number: MN#

DRAWING TITLE

FIRST FLOOR DEMOLITION - MECHANICAL

PROJECT TITLE

EHRM INFRASTRUCTURE UPGRADES

BUILDING NO.  
29

CHECKED BY  
RDL

DRAWN  
DJC

DATE  
03/30/2022

PLOT SCALE  
656-21-235

DRAWING NO.  
29-M101

LOCATION  
VA MEDICAL CENTER  
ST. CLOUD, MN 56303

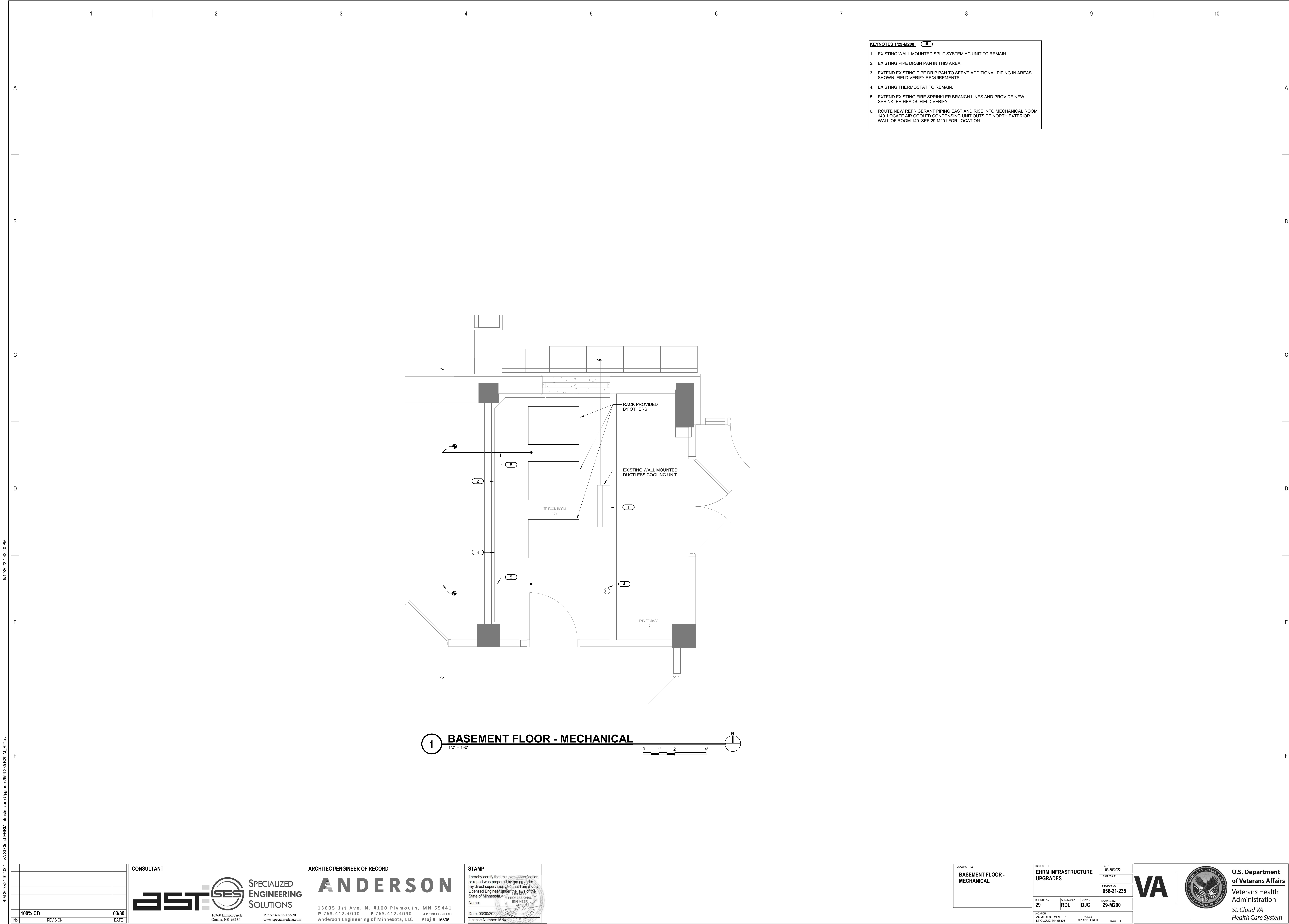
FULLY  
SPRINKLERED

DWG. OF

VA

U.S. Department  
of Veterans Affairs

Veterans Health  
Administration  
St. Cloud VA  
Health Care System



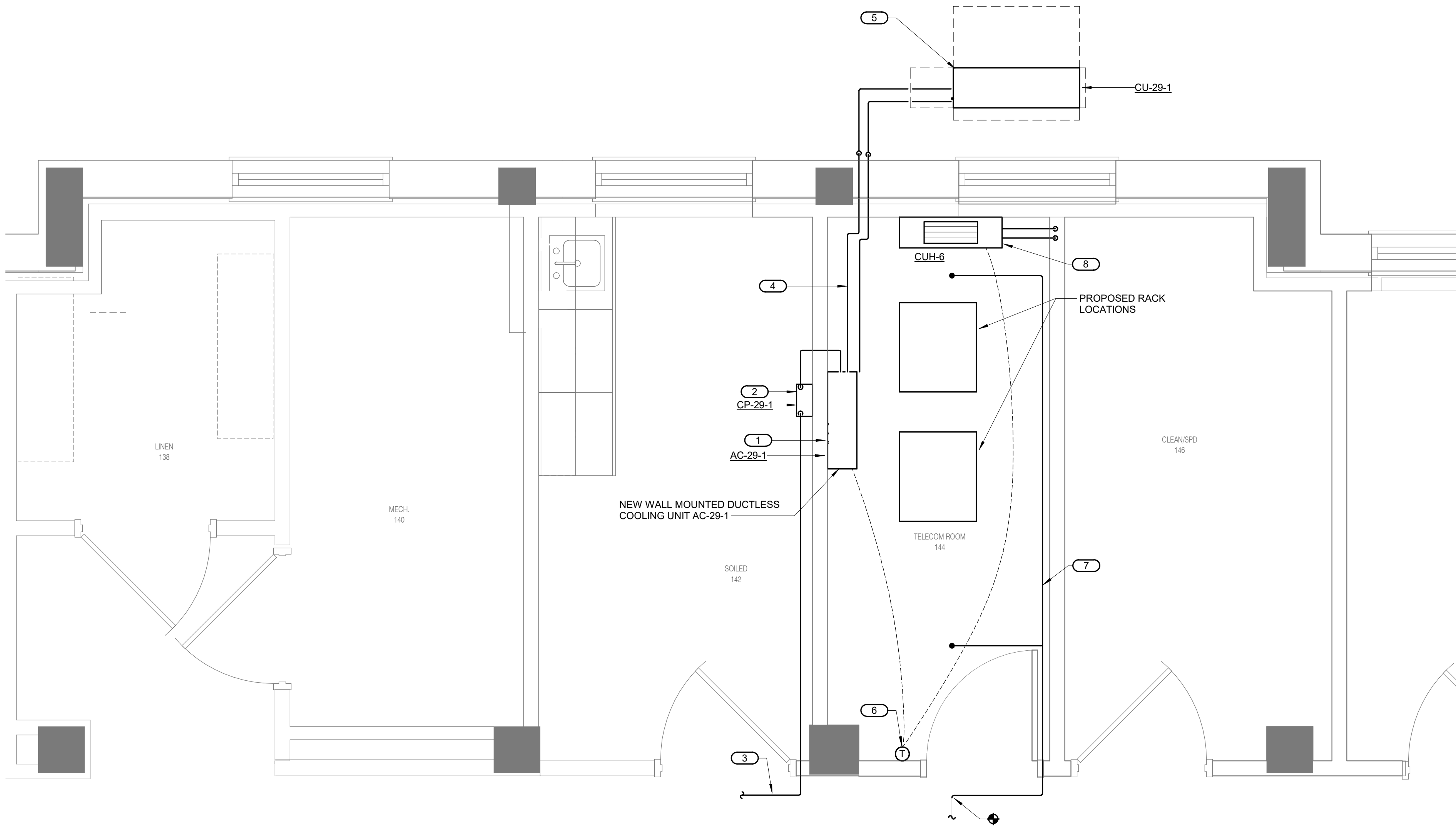


FIELD VERIFICATION NOTES

- THE HVAC CONTRACTOR SHALL VISIT THE SITE **PRIOR TO BID** TO FIELD VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THEIR BID. THE FOLLOWING ITEMS SHALL BE VERIFIED:
  - EXACT PLACEMENT, SIZE, CAPACITY, MANUFACTURER, AND CONDITION OF ALL EXISTING HVAC EQUIPMENT WITHIN SCOPE OF WORK, WHETHER EXPLICITLY SHOWN OR NOT.
  - SIZE AND LOCATION OF ALL EXISTING DUCTWORK.
  - SIZE AND LOCATION OF ALL EXISTING GRILLES, REGISTERS AND DIFFUSERS.
  - SIZE AND LOCATION OF ALL EXISTING THERMOSTATIC CONTROL DEVICES.
  - SIZE AND LOCATION OF ALL EXISTING PLUMBING AND HYDRONIC PIPING
- ALL REFERENCES ON THESE DRAWINGS TO EXISTING EQUIPMENT, DUCTWORK, DIFFUSERS, THERMOSTATS AND PIPING ARE FOR REFERENCE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL THESE ITEMS PRIOR TO BID AND INCLUDE IN THEIR BID ANY AND ALL AMOUNTS REQUIRED TO ACCOMMODATE EXISTING CONDITIONS.
- NO ALLOWANCES WILL BE MADE AFTER THE PROJECT HAS BEEN AWARDED FOR FAILURE TO VERIFY EXISTING CONDITIONS.
- ANY DISCREPANCIES WHICH MAY AFFECT THE CONTRACTORS BID SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND ARCHITECT FOR DIRECTION.

KEYNOTES 1/29-M201: #

- PROVIDE NEW WALL MOUNTED SPLIT SYSTEM AC UNIT.
- PROVIDE NEW CONDENSATE PUMP.
- ROUTE NEW 1" PUMPED CONDENSATE PIPE TO MOP SINK IN HAC 111, APPROXIMATELY 90 FEET WEST.
- ROUTE NEW REFRIGERANT PIPING TO NEW CONDENSING UNIT.
- PROVIDE NEW AIR COOLED CONDENSING UNIT ON GRADE. PROVIDE CONCRETE PAD. PROVIDE CONCRETE PAD. REFER TO REFRIGERANT PIPING DETAIL 1/0-GM400 AND PAD MOUNTING DETAIL 3/0-GM400.
- PROVIDE NEW THERMOSTAT. WIRE COMMON TO AC UNIT AND CUH.
- EXTEND FIRE SPRINKLER LINE AND PROVIDE NEW SPRINKLER HEADS.
- PROVIDE NEW CABINET UNIT HEATER. CONNECT TO EXISTING PIPING. FIELD VERIFY REQUIREMENTS.



1 FIRST FLOOR - MECHANICAL - TELECOM 100B  
1/2" = 1'-0"

BIM 360/21/102.101 - VA St Cloud EHRM Infrastructure Upgrades 656-235-B29.M\_R21.rvt 5/12/2022 4:42:41 PM

No	REVISION	DATE
100% CD		03/30

CONSULTANT

ESTSES

SPECIALIZED  
ENGINEERING  
SOLUTIONS

10360 Ellipse Circle  
Omaha, NE 68134  
Phone: 402.991.5520  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

ANDERSON

13605 1st Ave. N. #100 Plymouth, MN 55441  
P 763.412.4000 | F 763.412.4090 | ae-mn.com  
Anderson Engineering of Minnesota, LLC | Proj # 16305

STAMP

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.

Name: [Signature]  
Date: 03/30/2022  
License Number: MN# [Stamp]

DRAWING TITLE

FIRST FLOOR REMODEL -  
MECHANICAL

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

DATE

03/30/2022

PLOT SCALE

656-21-235

BUILDING NO.

29

CHECKED BY

RDL

DRAWN

DJC

DRAWING NO.

29-M201

LOCATION

VA MEDICAL CENTER  
ST. CLOUD, MN 56303

FULLY  
SPRINKLERED

DWG. OF

VA

U.S. Department  
of Veterans Affairs

Veterans Health  
Administration  
St. Cloud VA  
Health Care System