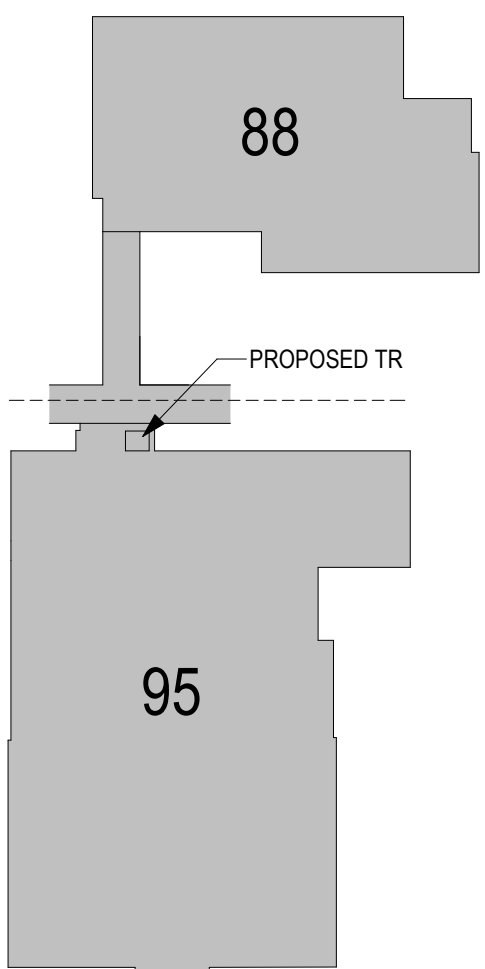


BUILDINGS 95 AND 88 - EHRM INFRASTRUCTURE UPGRADES

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



KEY PLAN

1" = 50'-0"

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

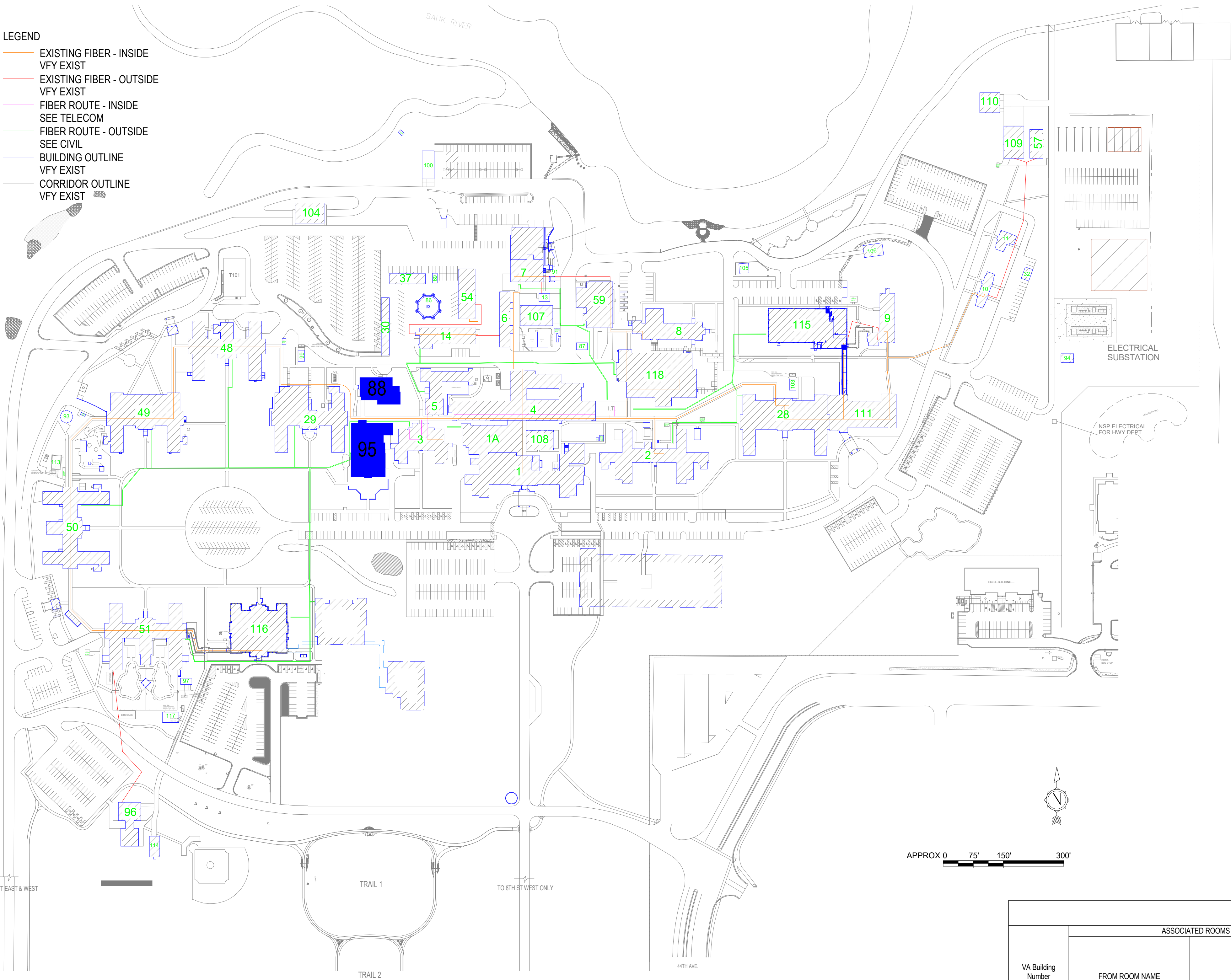
CONTACT: IAN WEBER  
PHONE: 763-412-4000  
ARCHITECT:  
NAME: ANDERSON ENGINEERING OF MN, LLC  
ADDRESS: 13605 1ST AVE NORTH, SUITE 100  
PLYMOUTH, MN 55441  
CONTACT: EDWARD MARKFORT  
PHONE: 763-412-4000

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/ELECTRICAL ENGINEER:  
NAME: SPECIALIZED ENGINEERING SOLUTIONS  
ADDRESS: 10360 ELLISON CIRCLE  
OMAHA, NE 68134  
CONTACT: KRIS BURNHAM  
PHONE: 402-991-5520

VICINITY MAP:



SHEET INDEX - BUILDINGS 95 & 88	
SHEET NO.	SHEET TITLE
95-G000	BUILDINGS 95 & 88 COVER SHEET & SHEET INDEX
95-G111	FIRST FLOOR - INFECTION CONTROL & PHASING PLAN
88-HA-1A	REFERENCE - FIRST FLOOR ASBESTOS RE-SURVEY
95-HA-1A	REFERENCE - FIRST FLOOR ASBESTOS RE-SURVEY
95-AS100	FIRST FLOOR PLANS (BUILDING 95 & 88)
95-TD110	FIRST FLOOR PLAN (BUILDING 88 & 95) - TELECOM - DEMOLITION
95-TN110	FIRST FLOOR PLAN (BUILDING 88 & 95) - TELECOMMUNICATION
95-TN210	FIRST FLOOR PLAN (BUILDING 88 & 95) - TELECOM - CABLE DISTANCE
95-TN400	ENLARGED PLANS (BUILDING 95) - TELECOMMUNICATIONS
95-E201	FIRST FLOOR PLAN - ELECTRICAL
95-E600	ELECTRICAL SCHEDULES
SEE GENERAL SHEETS FOR ADDITIONAL INFORMATION: 11	

ROOM SCHEDULE													
VA Building Number	NO.	NAME	CABLING	PATCH PANEL	FIBER	POWER	BONDING	UPS	DEDICATED COOLING	TEMPERATURE	HUMIDITY	RACK SENSOR	SPACE
FIRST FLOOR													
88	112	EXIST RM											17 SF
DECOMMISSION EXIST IT/DATA ROOM. SEE TELECOM DRAWINGS. RELOCATE FUNCTION TO BUILDING 95 ROOM 11													
95	11	TELECOM ROOM	X	X	X	X	X	X	X	X	X	X	29 SF
UPDATE EXIST IT/DATA ROOM TO EHRM TELECOM ROOM STANDARDS. SEE TELECOM DRAWINGS													

HAZARDOUS MATERIAL SCHEDULE			
BUILDING NO.	ROOM NAME	QUESTIONABLE HAZARDOUS ELEMENT	POSSIBLE ABATEMENT ACTION
FIRST FLOOR			
88	112	EXIST RM	ACM. SEE: 88-HA-1A
NONE. ACM TO REMAIN UNDISTURBED			
95	11	TELECOM ROOM	ASBESTOS CONTAINING DUCT
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									
BUILDING NO.	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
88	112	EXIST RM	CHAPEL	TYPE B	GROUP 1	CLASS II	WEST	OCCUPIED CONSTRUCTION	NIGHT
95	11	TELECOM ROOM	CANTEN	TYPE C	GROUP 1	CLASS II	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			
VA Building Number	ROOM NO.	ROOM NAME	OVERHEAD LEAK DIVERTER AND DRAIN PIPING
88	112	EXIST RM	
95	11	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			NEW GROUP		
VA Building Number	FROM ROOM NAME	TO ROOM NAME	NUMBER	WIDTH	HEIGHT	PANEL TYPE	2ND PANEL TYPE	PANEL GLAZING	FRAME TYPE	FRAME GLAZING	NEW GROUP	FIRE LABEL (MIN)	ELECTRICAL

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: MEDICAL CENTER DIRECTOR _____ DATE: _____

DRAWING TITLE  
**BUILDINGS 95 & 88 COVER SHEET & SHEET INDEX**

PROJECT FILE  
**EHRM INFRASTRUCTURE UPGRADES**

DATE  
**03/30/2022**

PLOT SCALE  
**656-21-235**

BUILDING NO.  
**95 & 88**

CHECKED BY  
**EM**

DRAWN BY  
**EM**

DRAWING NO.  
**95-G1000**

LOCATION  
VA MEDICAL CENTER  
ST. CLOUD, MN 56303

FULLY SPRINKLERED

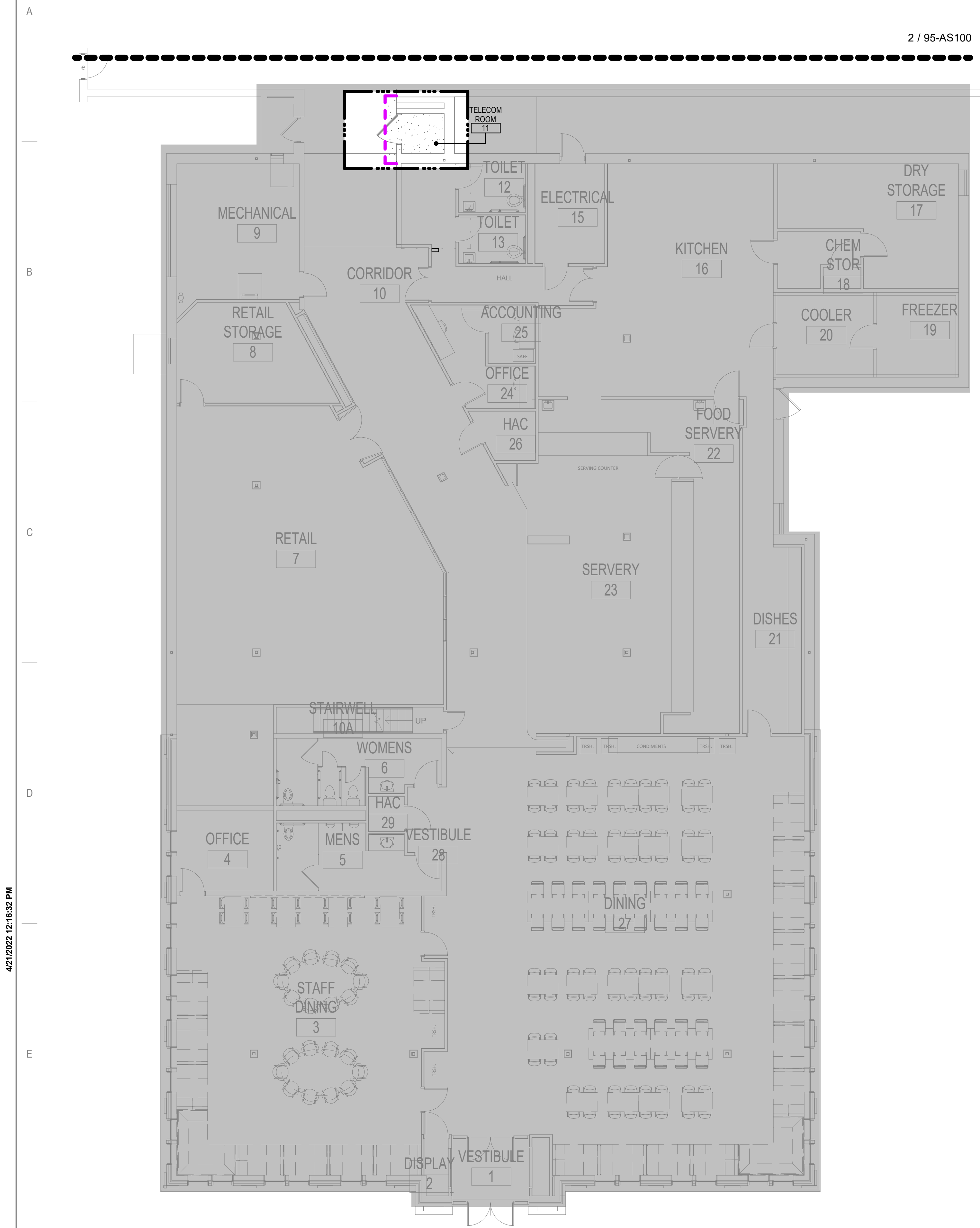
COVER OF

**VA**

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

**Veterans Health Administration**

**St. Cloud VA Health Care System**



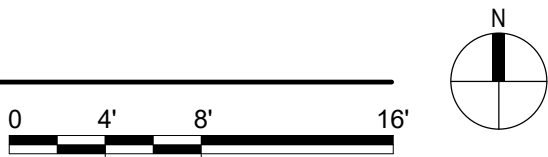
ROOM ICRA SCHEDULE						
VA Building Number	ROOM NO.	ROOM NAME	CAI BLDG NAME / FUNCTION	CONSTRUCTION PROJECT ACTIVITY	INFECTION CONTROL RISK GROUP	CONTROL PROCEDURE CLASS
88	112	EXIST RM	CHAPEL	TYPE B	GROUP 1	CLASS II
95	111	TELECOM ROOM	CANTEEN	TYPE C	GROUP 1	CLASS II

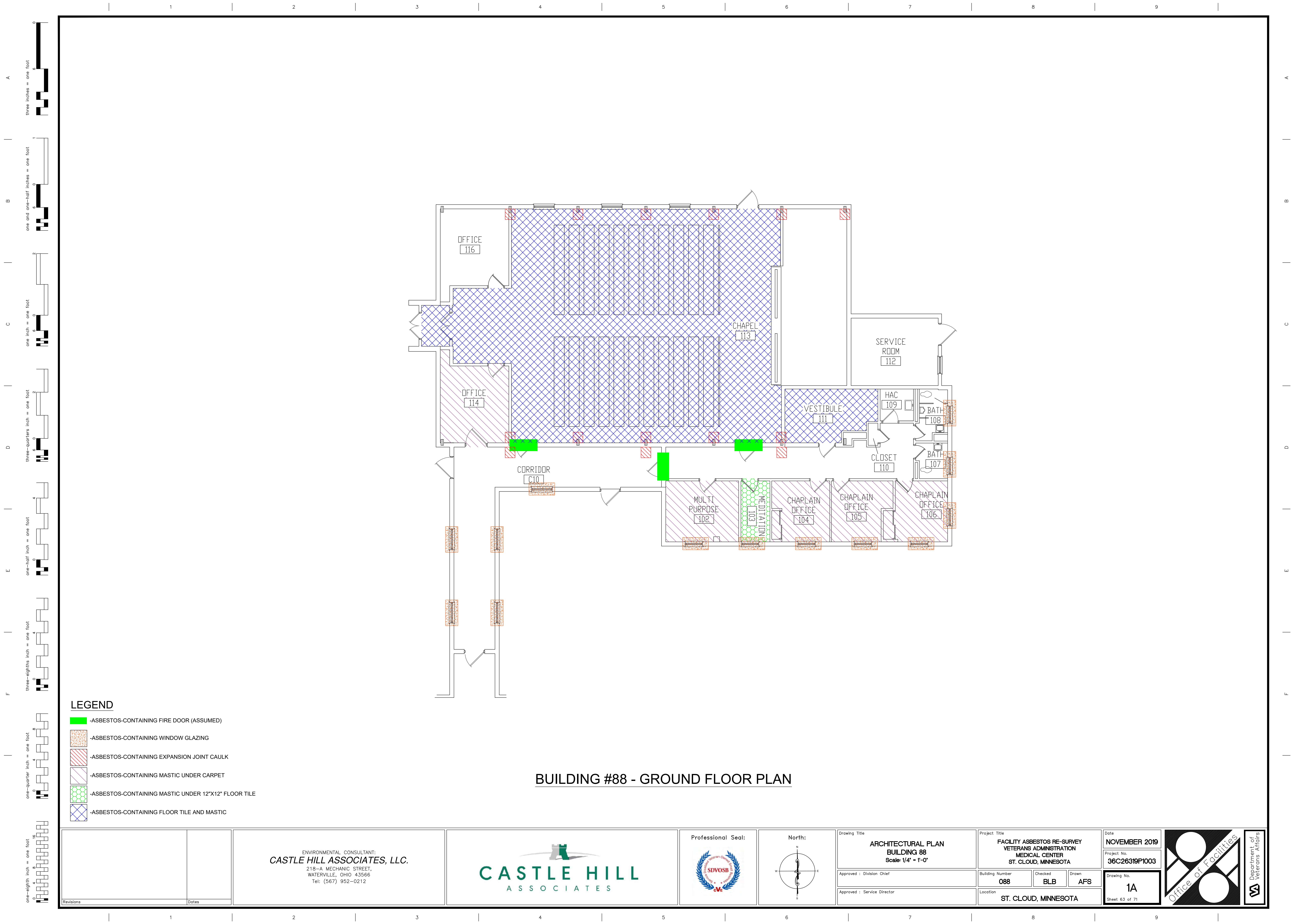
SEE GENERAL NOTES SHEET FOR CONSTRUCTION INFECTION CONTROL RISK ASSESSMENT (ICRA) DESCRIPTIONS. TYPE, GROUP AND CLASS SELECTED TO BEST OF DESIGN TEAM'S KNOWLEDGE. FINAL DETERMINATION BY THE VA WILL BE MADE AT A LATER DATE.

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

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1 FIRST FLOOR - INFECTION CONTROL & PHASING PLAN - BUILDING 95  
1/8" = 1'-0"





BUILDING #88 - GROUND FLOOR PLAN

LEGEND

- ASBESTOS-CONTAINING FIRE DOOR (ASSUMED)
- ASBESTOS-CONTAINING WINDOW GLAZING
- ASBESTOS-CONTAINING EXPANSION JOINT CAULK
- ASBESTOS-CONTAINING MASTIC UNDER CARPET
- ASBESTOS-CONTAINING MASTIC UNDER 12"X12" FLOOR TILE
- ASBESTOS-CONTAINING FLOOR TILE AND MASTIC

Revisions	Dates

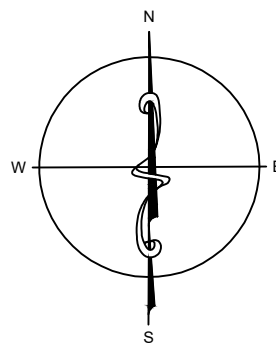
ENVIRONMENTAL CONSULTANT:  
CASTLE HILL ASSOCIATES, LLC.  
218-A MECHANIC STREET,  
WATERVILLE, OHIO 43566  
Tel: (567) 952-0212



Professional Seal:



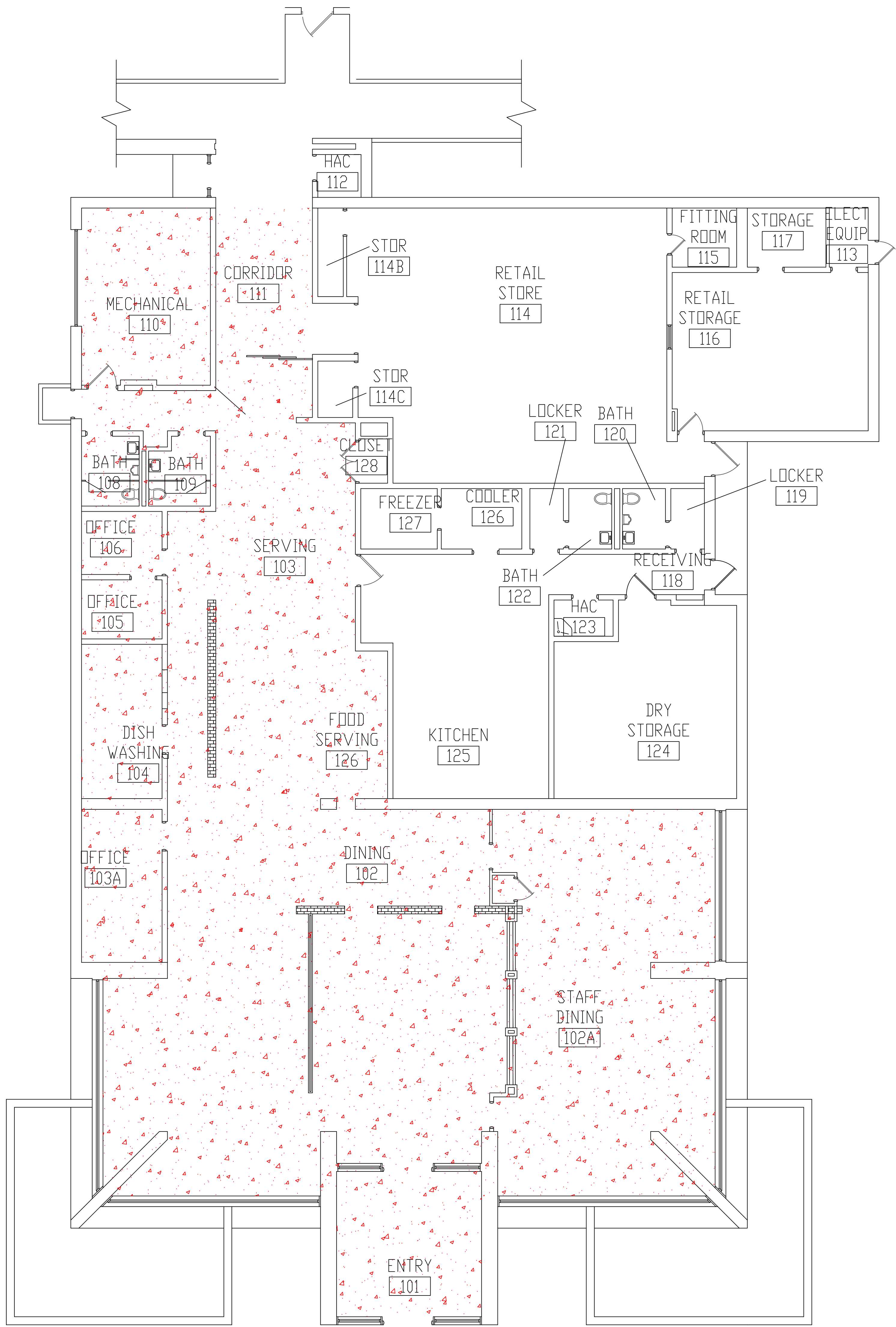
North:



Drawing Title
ARCHITECTURAL PLAN BUILDING 88 Scale: 1/4" = 1'-0"
Approved : Division Chief
Approved : Service Director


Project Title	Building Number	Checked	Drawn	Date
FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA	088	BLB	AFS	NOVEMBER 2019
Location	Drawing No.	Project No.	Sheet	
ST. CLOUD, MINNESOTA	1A	36C26319P1003	63 of 71	





BUILDING #95 - GROUND FLOOR PLAN

LEGEND

 -ASBESTOS-CONTAINING DUCT SEAM SEALANT (BROWN)

Revisions	Dates

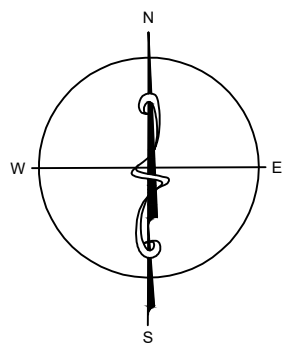
ENVIRONMENTAL CONSULTANT:  
**CASTLE HILL ASSOCIATES, LLC.**  
218-A MECHANIC STREET,  
WATERVILLE, OHIO 43566  
Tel: (567) 952-0212



Professional Seal:



North:

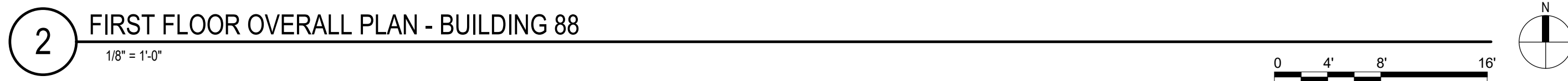
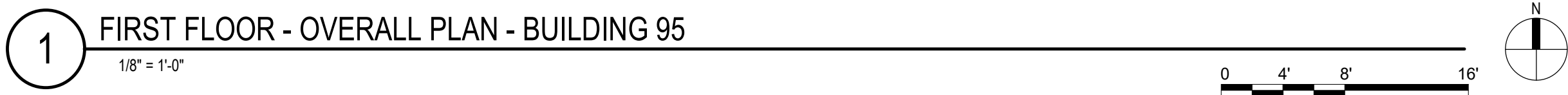


Drawing Title
<b>ARCHITECTURAL PLAN BUILDING 95 Scale: 1/4" = 1'-0"</b>
Approved : Division Chief
Approved : Service Director

Project Title
<b>FACILITY ASBESTOS RE-SURVEY VETERANS ADMINISTRATION MEDICAL CENTER ST. CLOUD, MINNESOTA</b>
Building Number
<b>095</b>
Checked
<b>BLB</b>
Drawn
<b>AFS</b>
Location
<b>ST. CLOUD, MINNESOTA</b>

Date
<b>NOVEMBER 2019</b>
Project No.
<b>36C26319P1003</b>
Drawing No.
<b>1A</b>
Sheet 67 of 71



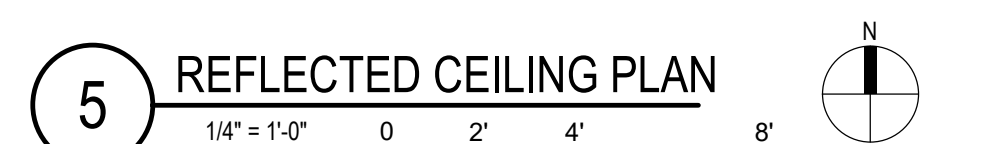
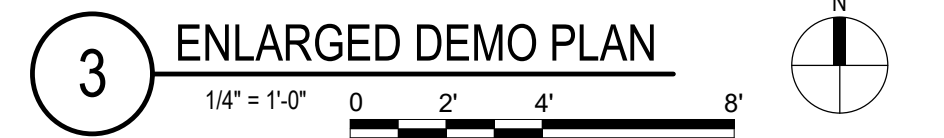
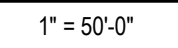



NOTE: NOT ALL KEYED NOTES MAY BE USED ON EACH PLAN

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

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

1. SEE GENERAL NOTES AND CAMPUS DRAWINGS FOR GENERAL INFORMATION. LIFE SAFETY, ICRA, AND PHASING
2. ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO DEMOLITION OR CONSTRUCTION. EXISTING CONDITIONS THAT DIFFER FROM THOSE THAT SHOULD 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) WITH WALL MOUNT BRACKET AND CODE REQUIRED SIGNAGE SHALL BE PROVIDED BY THE CONTRACTOR WITHIN TELECOM ROOMS.

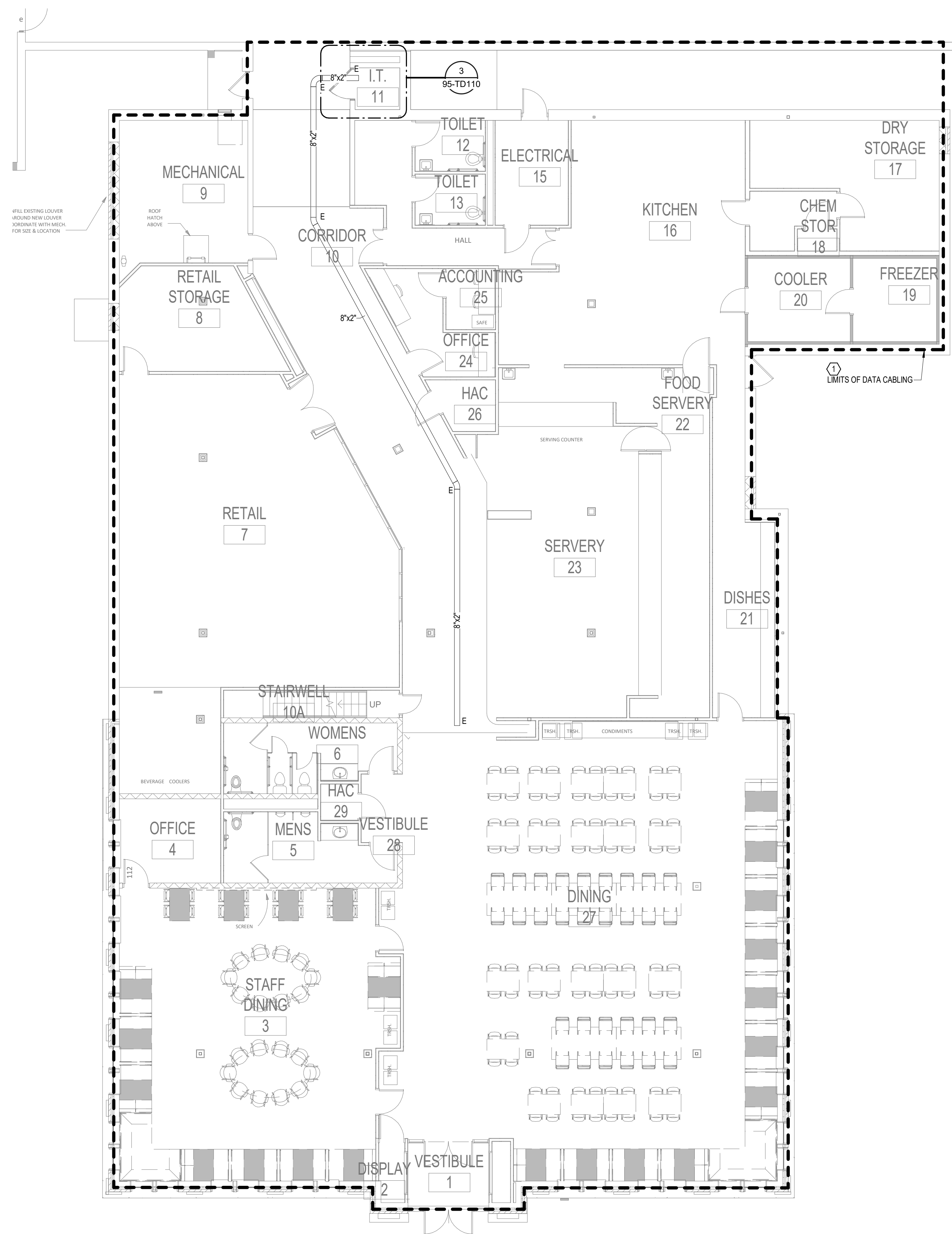


<b>STAMP</b>	
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the State of Minnesota.	
Name:	
Typed or Printed Name: Tom Olesak	
Date: 03/30/2022	License Number: MN# 18157

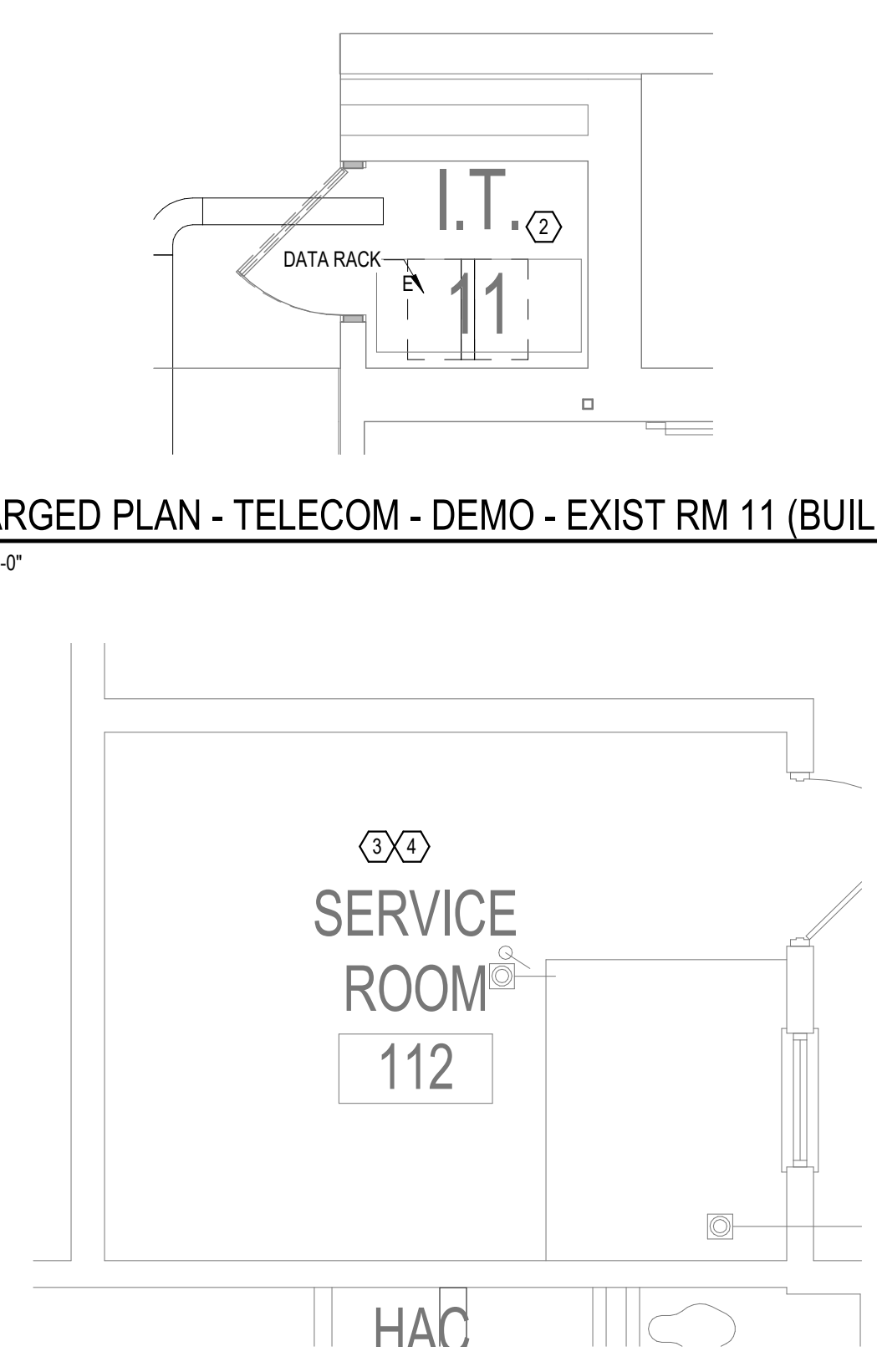
A  
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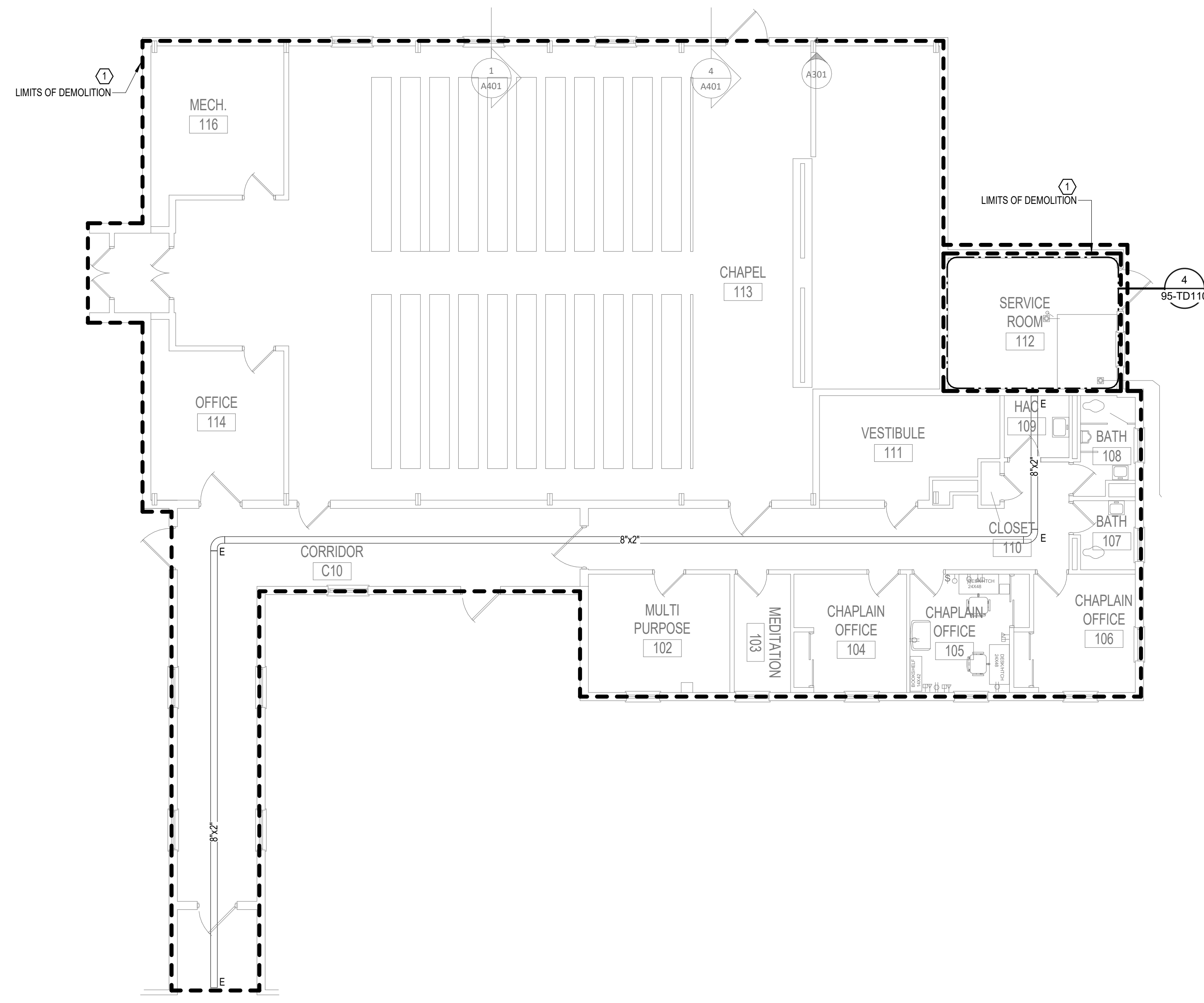


1 FIRST FLOOR PLAN - TELECOM - DEMOLITION - BUILDING 95  
1/8" = 1'-0"



3 ENLARGED PLAN - TELECOM - DEMO - EXIST RM 11 (BUILDING 95)  
1/4" = 1'-0"

4 ENLARGED PLAN - TELECOM - DEMO - EXIST RM 112 (BUILDING 88)  
1/4" = 1'-0"



2 FIRST FLOOR PLAN - TELECOM - DEMOLITION - BUILDING 88  
1/8" = 1'-0"



**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.

ROOM 11 (B86)	ROOM 112 (B88)
EXISTING CABLE COUNT	EXISTING CABLE COUNT
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 56	DATA (CAT5e): 30
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0

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

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

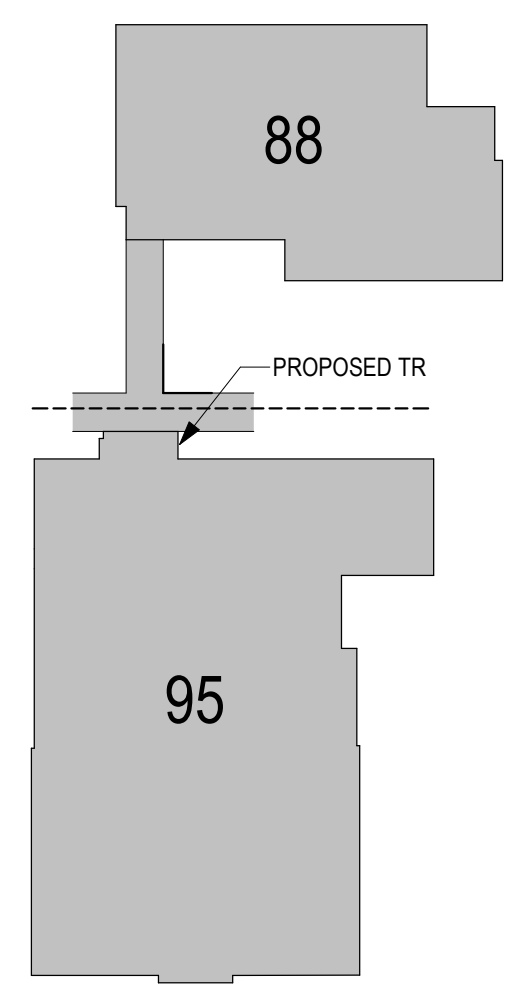
FINAL CABLE COUNT	FINAL CABLE COUNT
DATA (CAT6): 0	DATA (CAT6): 0
DATA (CAT5e): 0	DATA (CAT5e): 0
DATA (CAT5): 0	DATA (CAT5): 0
DATA (CAT3): 0	DATA (CAT3): 0

**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.
2. 2 POST RACK TO REMAIN IN BUILDING 95.
3. BUILDING 88 DATA CONNECTIONS WILL BE DEMOLISHED AND FED FROM BUILDING 95.
4. EXISTING CABLE TRAY, SECURITY CAMERAS, GROUND BUS BARS, AND RACKS FROM DECOMMISSIONED ROOMS ARE TO BE REUSED, WHEN POSSIBLE, IN NEW CONSTRUCTION TRS.



KEY PLAN  
1" = 50'-0"

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1 2 3 4 5 6 7 8 9 10

A

B

C

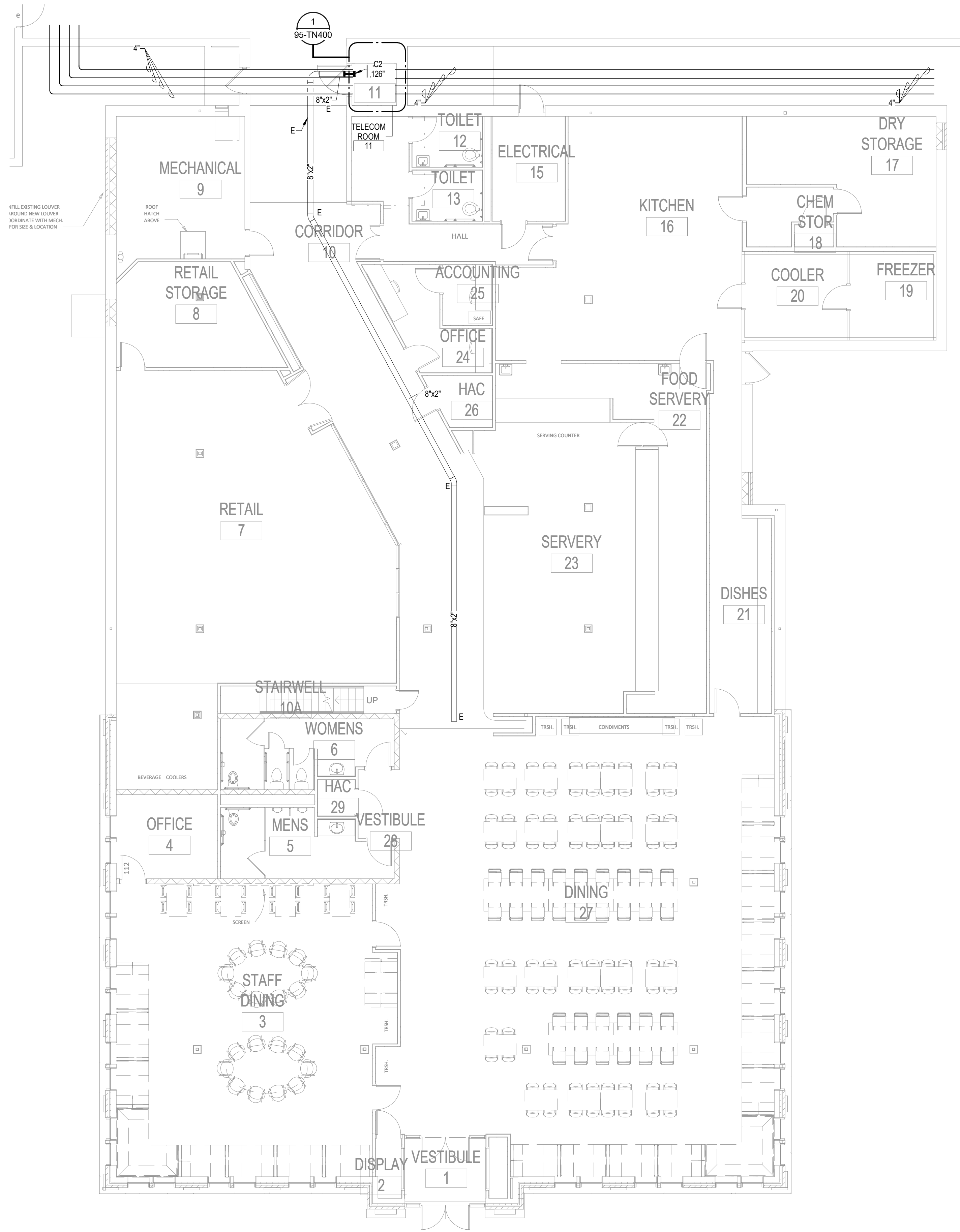
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E

F

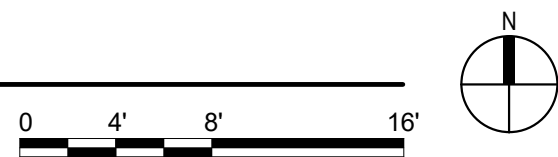
**GENERAL NOTES:**

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



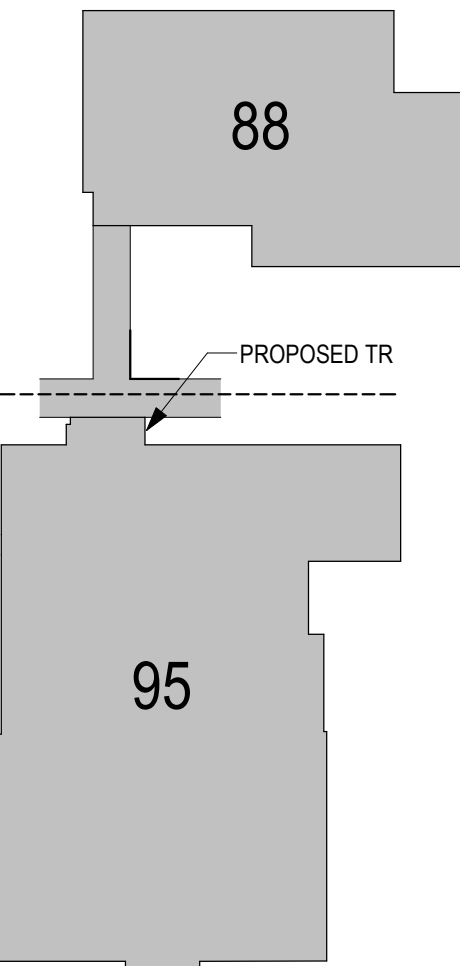
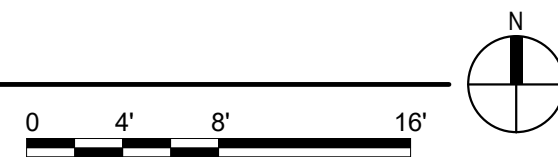
1 FIRST FLOOR PLAN - TELECOMMUNICATIONS - BUILDING 95

1/8" = 1'-0"



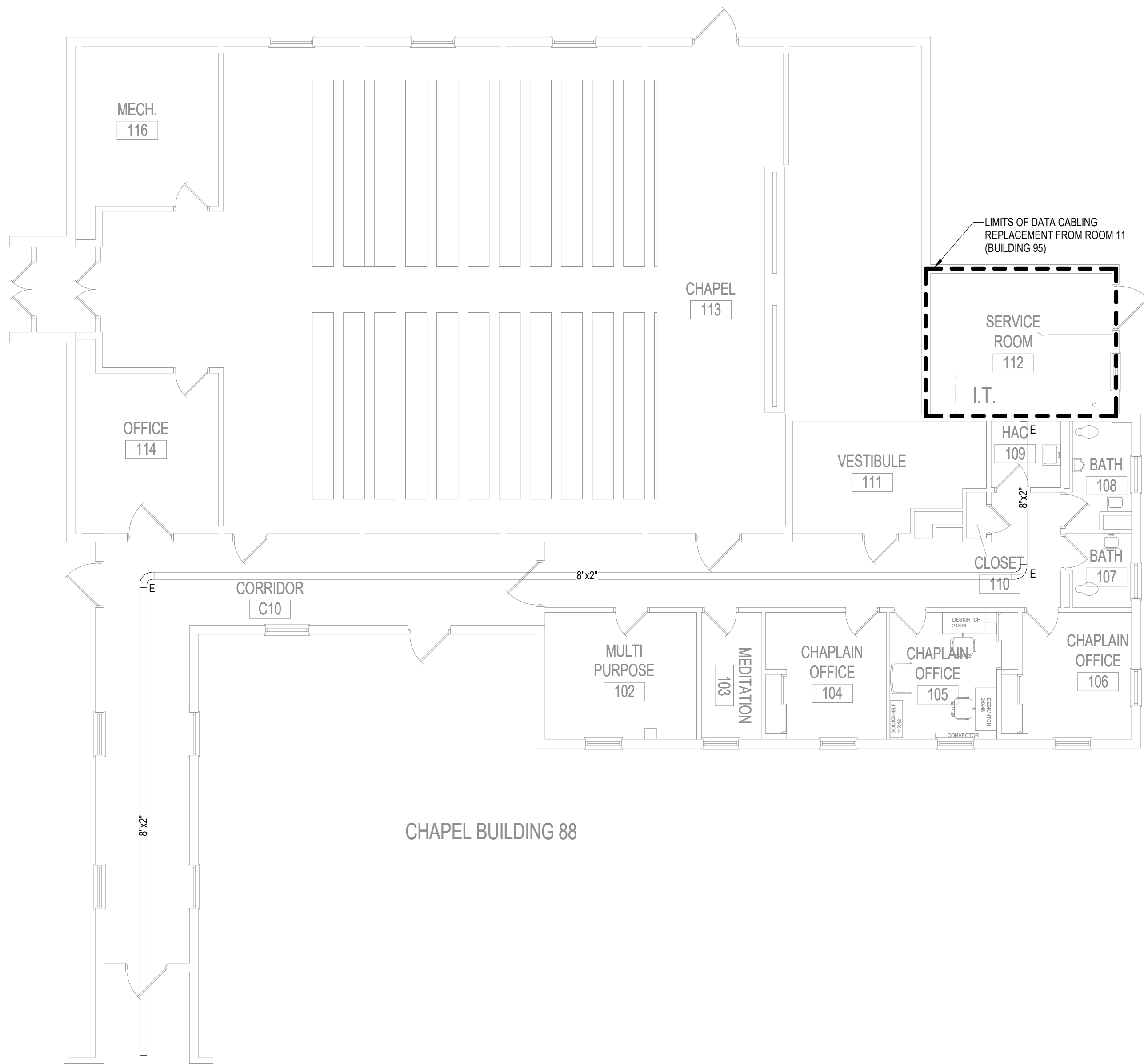
2 FIRST FLOOR PLAN - TELECOMMUNICATIONS - BUILDING 88

1/8" = 1'-0"



KEY PLAN

1" = 50'-0"



CHAPEL BUILDING 88

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

REGISTERED COMMUNICATIONS DISTRIBUTION

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

*Nathan M. Timm*

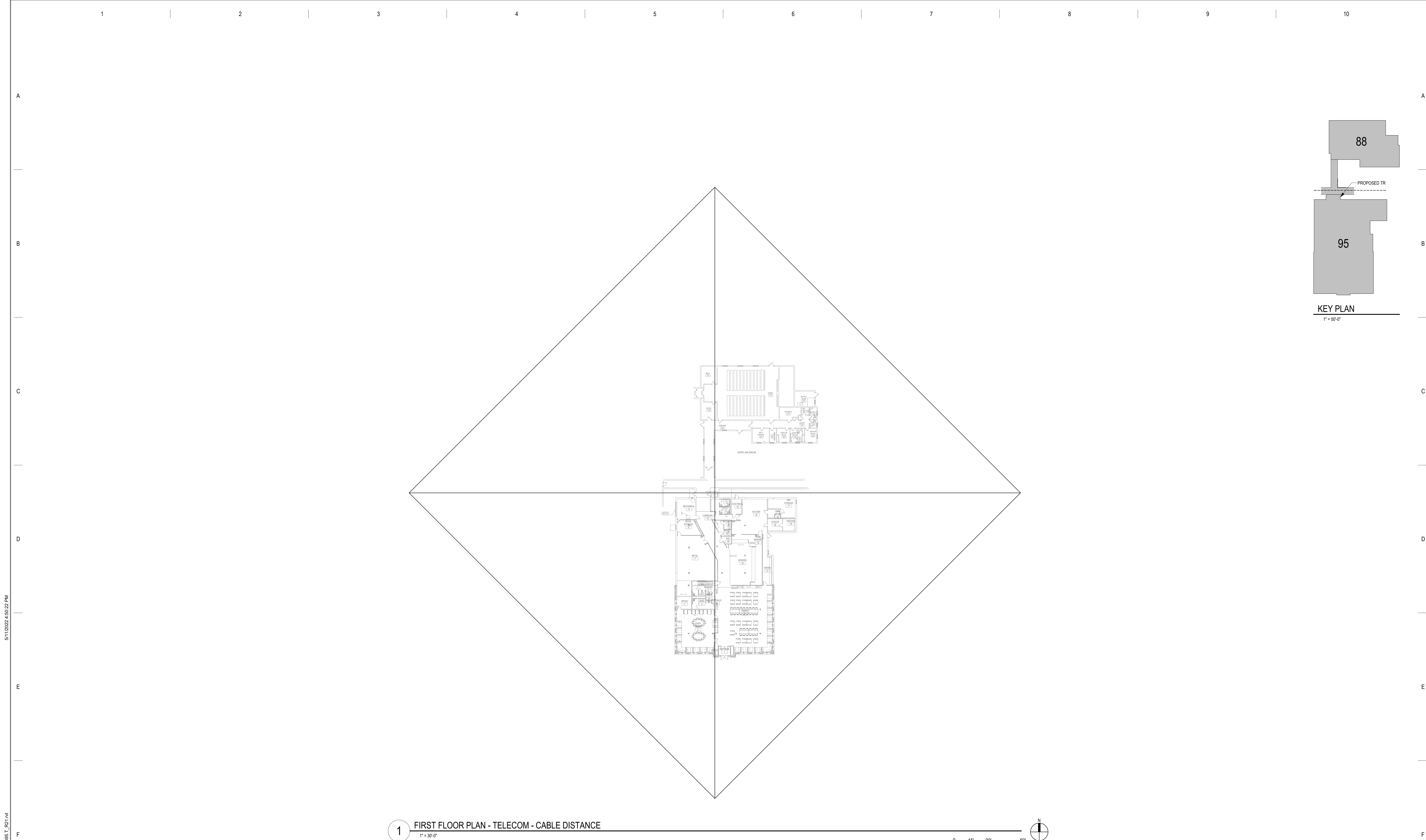
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FIRST FLOOR PLAN (BUILDING 88 & 95) - TELECOMMUNICATION

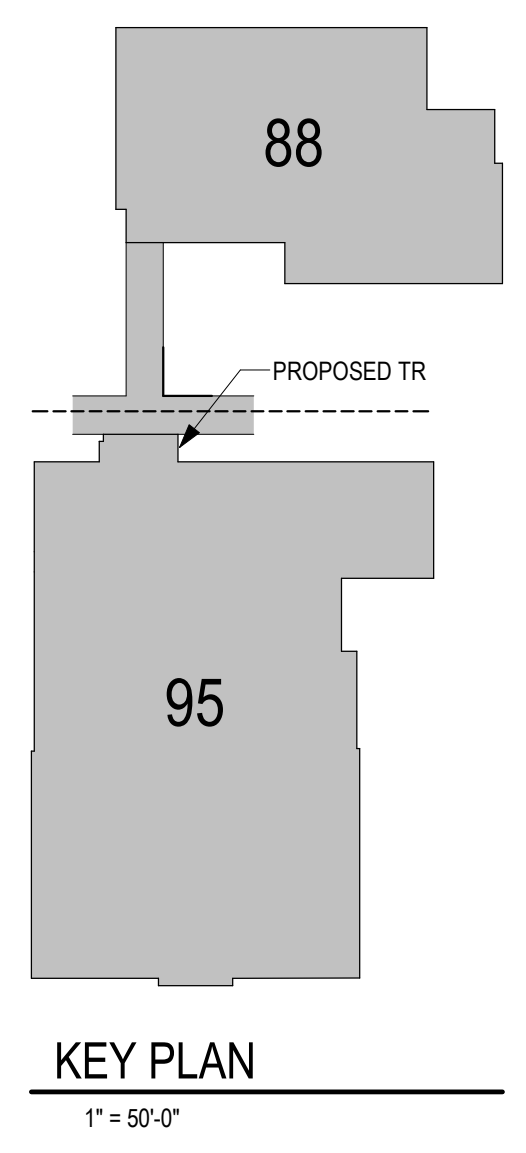
PROJECT FILE	EHRM INFRASTRUCTURE UPGRADES	DATE	03/30/2022
BUILDING NO	95	CHECKED BY	KSB
LOCATION	VA MEDICAL CENTER ST. CLOUD, MN 56303	DRAWN	SSK
DRAWING NO	95-TN110	FULLY SPRINKLERED	DWG. OF

**VA**

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



1 FIRST FLOOR PLAN - TELECOM - CABLE DISTANCE  
1" = 30'-0"



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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

REGISTERED COMMUNICATIONS DISTRIBUTION



Nathan Timm

BICS ID # 346555

EXPIRES 12-31-24

DRAWING TITLE

FIRST FLOOR PLAN (BUILDING  
88 & 95) - TELECOM - CABLE  
DISTANCE

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

BUILDING No  
95

CHECKED BY  
KSB

DRAWN  
SSK

DATE  
03/30/2022

PLOT SCALE

PROJECT NO  
656-21-235

DRAWING NO  
95-TN210

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

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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

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REGISTERED COMMUNICATIONS DISTRIBUTION

Bicsi

Nathan Timm

BICS ID # 346555

EXPIRES 12-31-24

Signature

Nathan M. Timm

DRAWING TITLE

ENLARGED PLANS (BUILDING 95) - TELECOMMUNICATIONS

PROJECT TITLE

EHRM INFRASTRUCTURE UPGRADES

DATE

03/30/2022

PLOT SCALE

BUILDING No

95

CHECKED BY

KSB

DRAWN

SSK

PROJECT NO

656-21-235

DRAWING NO

95-TN400

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 NOTES ON SHEET T000 FOR ADDITIONAL SCOPE.

SHEET NOTES:

1. IF NO ACCESS CONTROL PANEL IS PRESENT IN B95 ROOM 011, PROVIDE A NEW ACCESS CONTROL PANEL TO BE INSTALLED IN THE TELECOM ROOM. THE CARD READER AND KEYPAD FOR THIS ROOM TO BE WIRED TO THE NEW ACCESS CONTROL PANEL. EXISTING CARD READERS AND KEYPADS WILL BE MOVED TO THE NEW CONTROL PANEL UNDER A DIFFERENT PROJECT.

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 11  
EXISTING CABLE COUNT  
DATA (CAT6): 0  
DATA (CAT5e): 56  
DATA (CAT5): 0  
DATA (CAT3): 0  
  
CABLE RELOCATION COUNT  
DATA (CAT6): 0  
DATA (CAT5e): 30 FROM ROOM 112 (BUILDING 88)  
DATA (CAT5): 0  
DATA (CAT3): 0  
  
EXISTING CABLE TO REMAIN  
DATA (CAT6): 0  
DATA (CAT5e): 0  
DATA (CAT5): 0  
DATA (CAT3): 0  
  
FINAL CABLE COUNT  
DATA (CAT6): 86  
DATA (CAT3): 0

6 COMMUNICATIONS - TYPICAL WALL CABINET (TE) ELEVATION - TR 11 (BUILDING 95)

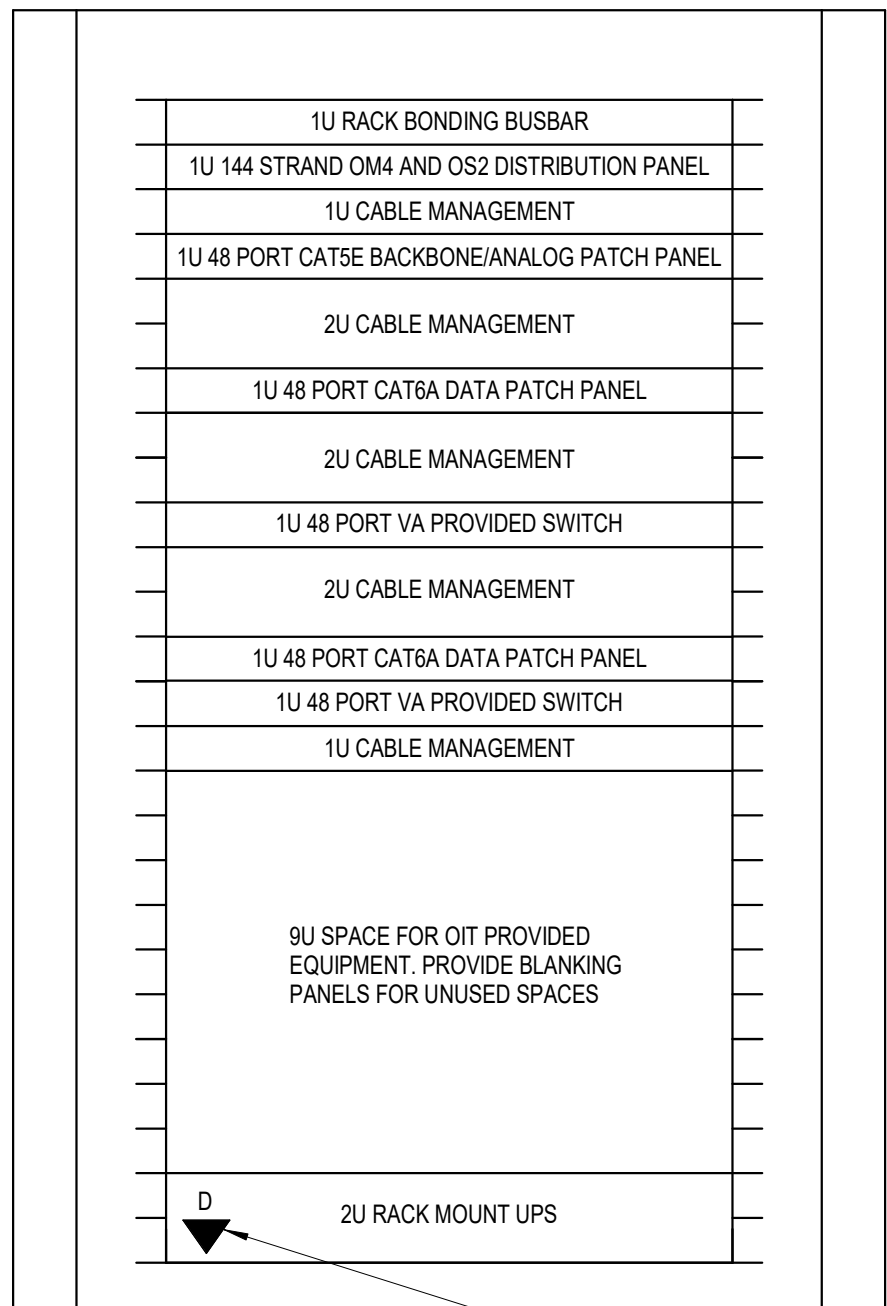
NOT TO SCALE

1 ENLARGED PLAN - TR 11 (BUILDING 95) - TELECOM - CABLE TRAY AND DATA

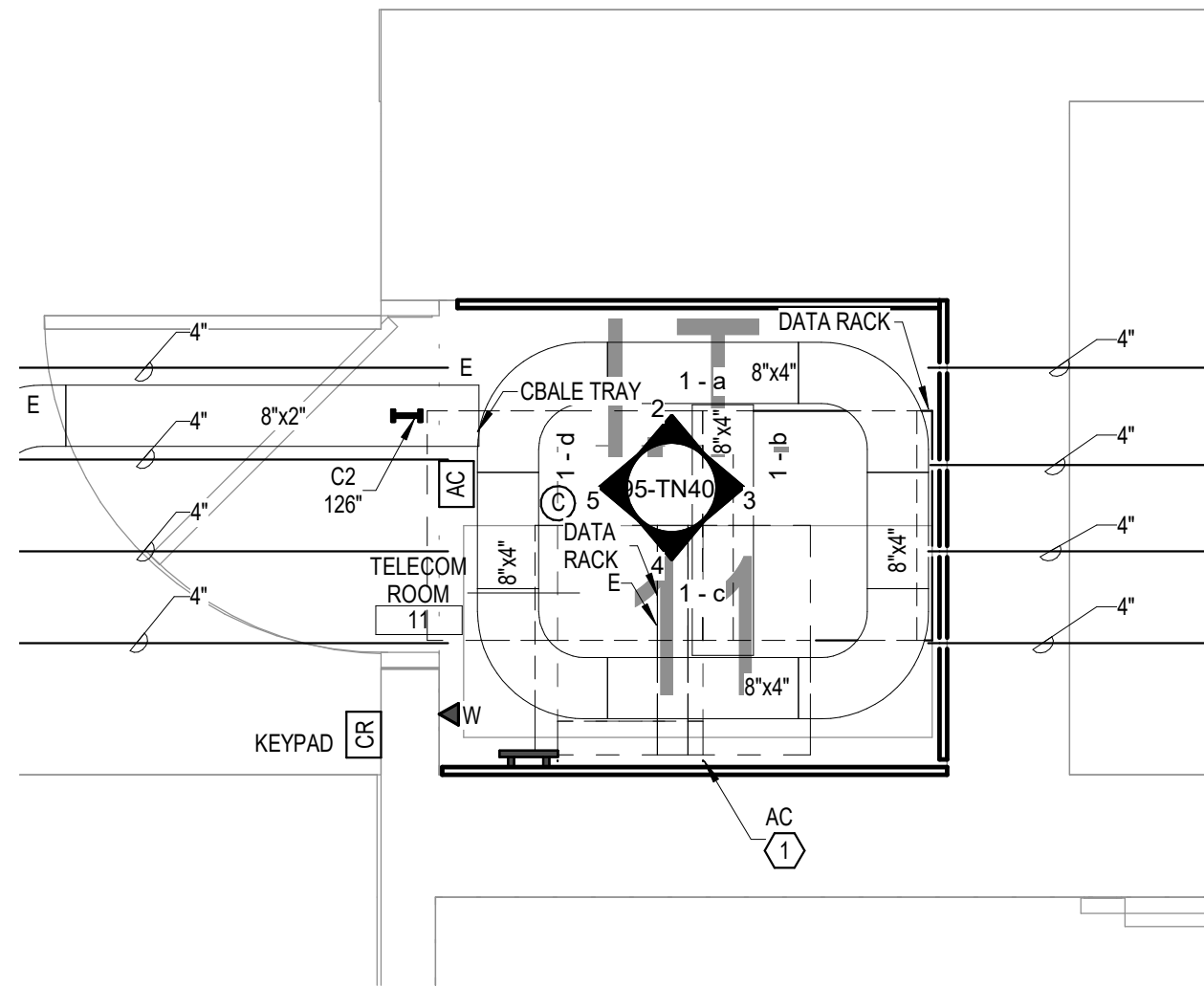
1/2" = 1'-0"

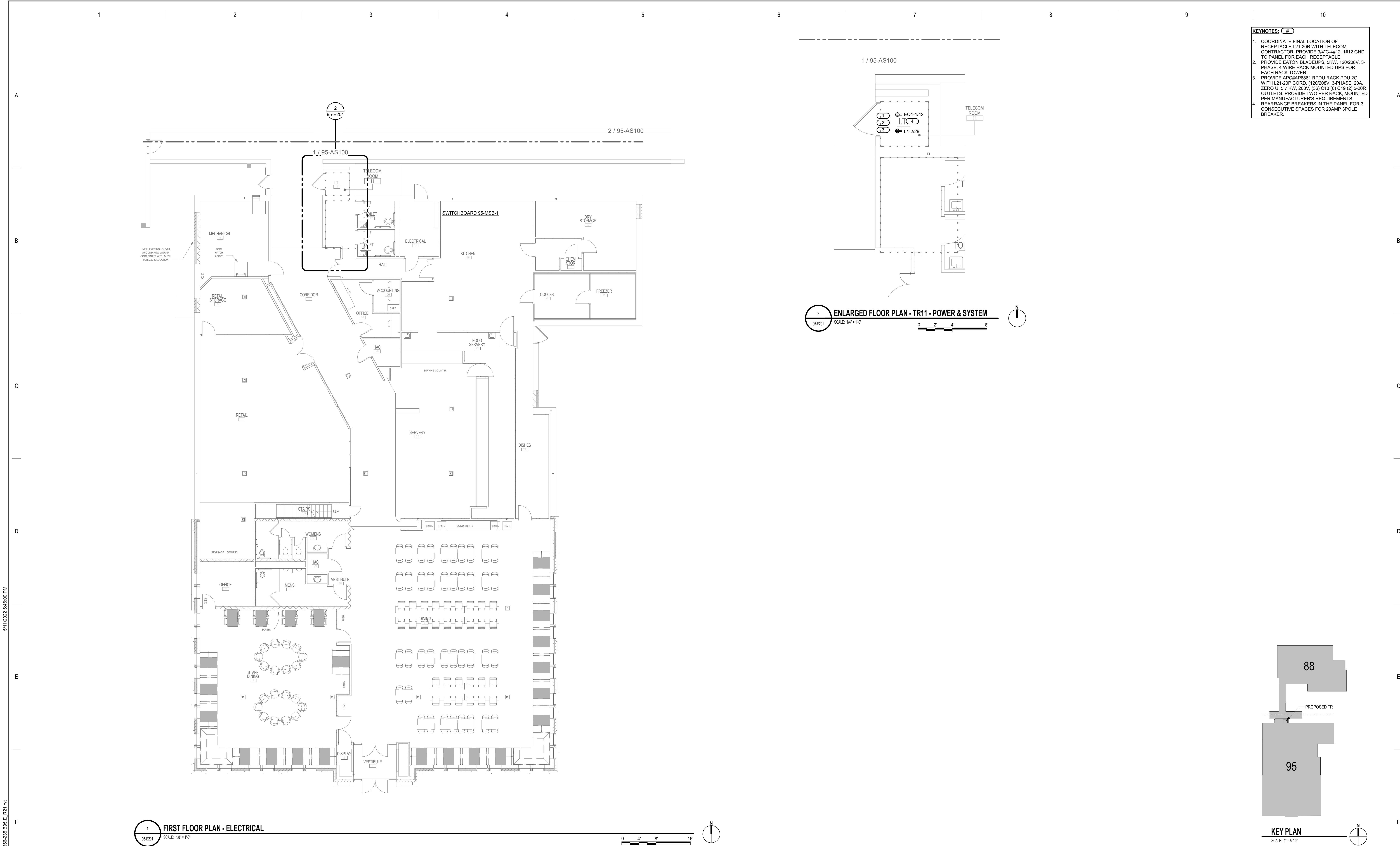


- NOTES:
- REFER TO NEW WORK PLAN FOR RACK LOCATIONS.
  - COORDINATE EXACT RACK COUNT AND LOCATION WITH OWNER PRIOR TO PERMANENT INSTALLATION.
  - SEE PROJECT SPECIFICATIONS FOR ADDITIONAL RACK COMPONENTS.
  - RACK ELEVATION SHOWS A FULLY CONFIGURED SAMPLE RACK. CONTRACTOR TO PROVIDE REQUIRED EQUIPMENT TO SUPPORT THE FINAL DATA COUNT FROM THE ENLARGED NEW SHEET. (NOT TO EXCEED 288 PORTS PER RACK).
  - COORDINATE FINAL RACK COMPONENT LAYOUT WITH OWNER'S ISIT REPRESENTATIVE.
  - CONTRACTOR IS RESPONSIBLE FOR FINAL CABLE COUNT, QUANTITY OF PATCH PANELS, SWITCHES, FIBER ENCLOSURES, BLANKING PANELS, CABLE MANAGEMENT, AND MOUNTING HARDWARE NOT MARKED AS "OIT PROVIDED".
  - PUNCHDOWN COPPER BACKBONES ON RACK MOUNT PATCH PANELS. TERMINATE ONE (1) PAIR PER PATCH PANEL PORT.



PROVIDE DATA CABLE TO RACK MOUNTED UPS FOR CONNECTION TO MONITORING SYSTEM





- KEYNOTES: ( # )**
1. COORDINATE FINAL LOCATION OF RECEPTACLE L21-20R WITH TELECOM CONTRACTOR. PROVIDE 3/4" C-4#12, 1#12 GND TO PANEL FOR EACH RECEPTACLE.
  2. PROVIDE EATON BLADEUPS, 50W, 120/208V, 3-PHASE, 4-WIRE RACK MOUNTED UPS FOR EACH RACK TOWER.
  3. PROVIDE APC/AP8851 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.
  4. REARRANGE BREAKERS IN THE PANEL FOR 3 CONSECUTIVE SPACES FOR 20AMP 3POLE BREAKER.

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<div>100% CD</div> <div>No</div>		<div>REVISION</div> <div>DATE</div>	<div>03/30</div> <div>DATE</div>	<div>CONSULTANT</div> <div><b>AST SES</b> SPECIALIZED ENGINEERING SOLUTIONS</div> <div>10360 Ellison Circle Omaha, NE 68134 Phone: 402.991.5530 www.specializedeng.com</div>	<div>ARCHITECT/ENGINEER OF RECORD</div> <div><b>ANDERSON</b></div> <div>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</div>	<div>STAMP</div> <div></div>	<div>DRAWING TITLE</div> <div>FIRST FLOOR PLAN - ELECTRICAL</div>	<div>PROJECT FILE</div> <div>EHRM INFRASTRUCTURE UPGRADES</div>	<div>DATE</div> <div>03/30/2022</div>	<div>PLOT SCALE</div> <div>656-21-235</div>	<div>DRAWING NO.</div> <div>95-E201</div>	<div>BUILDING NO.</div> <div>95</div>	<div>CHECKED BY</div> <div>TBD</div>	<div>DRAWN</div> <div>GJL</div>	<div>LOCATION</div> <div>VA MEDICAL CENTER ST. CLOUD, MN 56303</div>	<div>FULLY SPRINKLERED</div> <div>DWG. OF</div>	<div>U.S. Department of Veterans Affairs</div> <div>Veterans Health Administration</div> <div>St. Cloud VA Health Care System</div>
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1 2 3 4 5 6 7 8 9 10

A

B

C

D

E

F

KEYNOTES: 1. PROVIDE NEW 100A/3P CIRCUIT BREAKER TO MATCH EXISTING TYPE AND AIC RATING.

MOUNTING: SURFACE  
ENCLOSURE: NEMA PB 1  
FED FROM: 0 A/O/P @  
LOCATION:

SOLID NEUTRAL  
GROUND BUS

MAIN: 100 A MCB  
VOLTS: 120/208 Wye  
PHASE: 3  
WIRE: 4  
SCCR: 65 kA  
ISC UNKNOWN 0.00 kA

NOTES:

K E Y	CKT NO.	LOAD DESCRIPTION	OCBP AMPS	P	WIRE SIZE	H	N	G	A	B	C	WIRE SIZE	G	N	H	P	OCBP AMPS	LOAD DESCRIPTION	CKT NO.	K E Y	
	1	TELECOM ROOM RECEPTACLE	20 A	1					1.08	1.67							3	20 A	L21-20R	2	
	3	L21-20R	20 A	3						1.67	1.67									4	--
--	5		--	--	--	--	--	--												6	--
--	7		--	--	--	--	--	--	1.67	0							1	20 A	LIGHTING	8	
--	9	SPARE	20 A	1	--	--	--	--		0	0						1	20 A	SPARE	10	--
--	11	SPARE	20 A	1	--	--	--	--				0	0				1	20 A	SPARE	12	--
--	13	SPARE	20 A	1	--	--	--	--	0	0							1	20 A	SPARE	14	--
--	15	SPARE	20 A	1	--	--	--	--									1	20 A	SPARE	16	--
--	17	SPARE	20 A	1	--	--	--	--				0	0				1	20 A	SPARE	18	--
--	19	SPARE	20 A	1	--	--	--	--	0	0							1	20 A	SPARE	20	--
--	21	SPARE	20 A	1	--	--	--	--		0	0						1	20 A	SPARE	22	--
--	23	SPARE	20 A	1	--	--	--	--				0	0				1	20 A	SPARE	24	--
--	25	SPARE	20 A	1	--	--	--	--	0	0							1	20 A	SPARE	26	--
--	27	SPARE	20 A	1	--	--	--	--		0	0						1	20 A	SPARE	28	--
--	29	SPARE	20 A	1	--	--	--	--				0	0				1	20 A	SPARE	30	--
Total Load:									4.41 kVA	3.33 kVA	3.33 kVA										
Total Amps:									36.78	27.78	27.78										

LOAD CLASSIFICATION

CONNECTED LOAD

DEMAND FACTOR

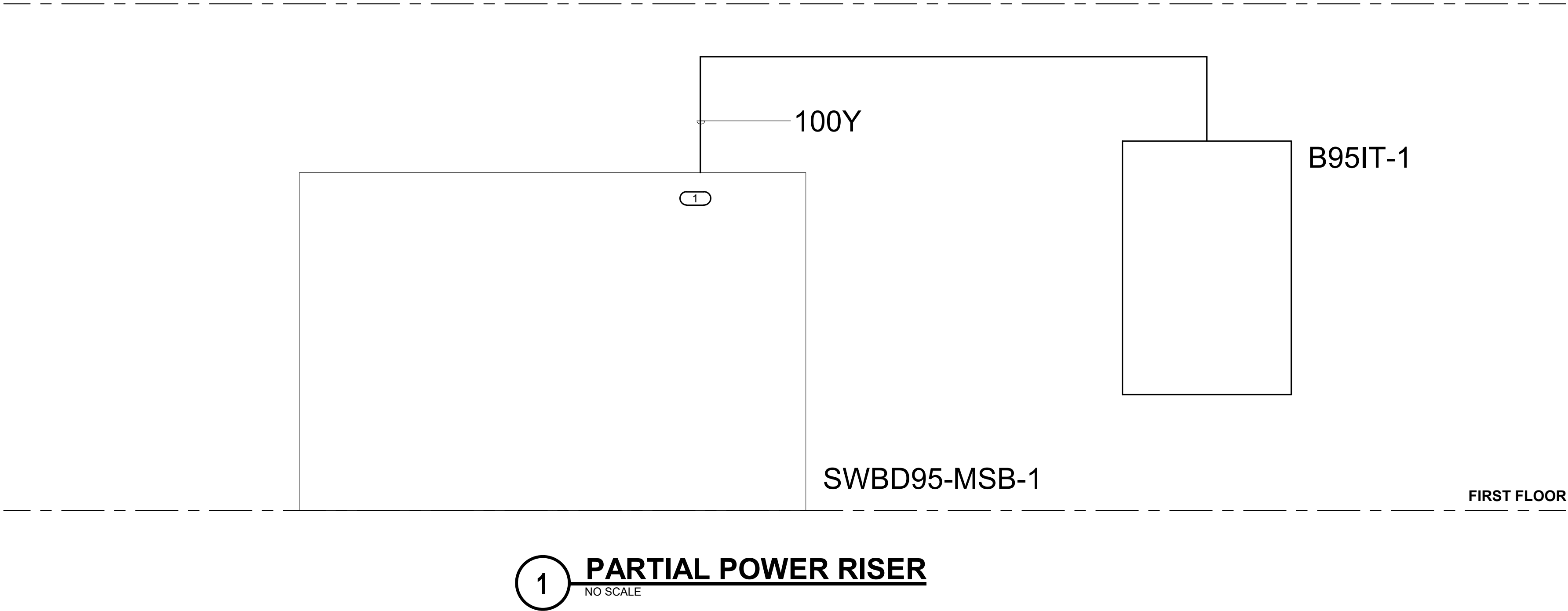
ESTIMATED DEMAND

TOTALS\*

Lighting	0 kVA	0.00%	0 kVA	
Power	10 kVA	100.00%	10 kVA	TOTAL CONNECTED LOAD: 11.08 kVA
Receptacles	1.08 kVA	100.00%	1.08 kVA	TOTAL ESTIMATED DEMAND LOAD: 11.08 kVA
				TOTAL CONNECTED AMPS: 30.78 A
				TOTAL ESTIMATED DEMAND AMPS: 30.8 A

\*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.

CIRCUIT KEY NOTES:



No	REVISION	DATE
100% CD		03/30

CONSULTANT

EST

SES

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SOLUTIONS

10360 Ellison Circle  
Omaha, NE 68134  
Phone: 402.991.5530  
www.specializedeng.com

ARCHITECT/ENGINEER OF RECORD

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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 in the State of Minnesota.

ENGINEER

Name: *[Signature]*  
Date: 03/30/2022  
License Number: MBE 53095

DRAWING TITLE

ELECTRICAL SCHEDULES

PROJECT TITLE

EHRM INFRASTRUCTURE  
UPGRADES

DATE

03/30/2022

PLOT SCALE

PROJECT NO.

656-21-235

DRAWING NO.

95-E600

BUILDING NO.

95

CHECKED BY

TBD

DRAWN

GJL

LOCATION

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ST. CLOUD, MN 56303

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