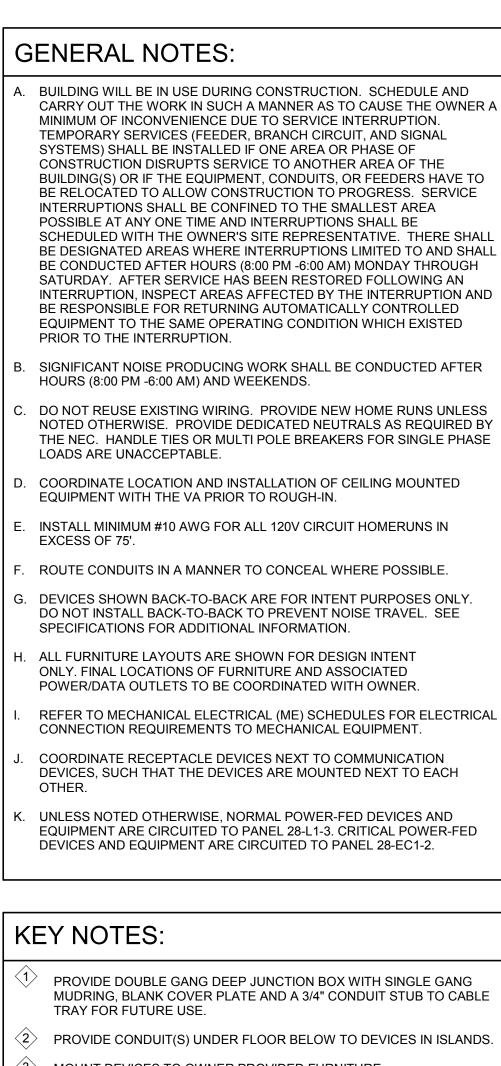
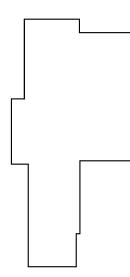


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13605 1st Ave. N. #10	O Plymouth, MN 55441 412.4090   ae-mn.com	I hereby certify that this pla was prepared by me or un and that I am a duly Licens under the laws of the State	ider my direct supervision ed Professional Engineer	
	nnesota, LLC   <b>Proj # Project</b> Number	Date 05/22/2020	Reg. No. 45914	
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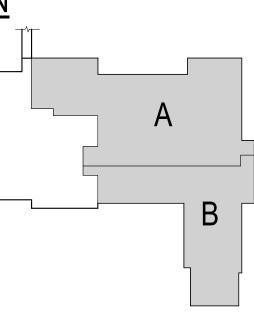


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Issue Date MAY 22, 2020	Checked CB	Drawn BZ	
Drawing Title FIRST POWER FLOOR PLAN			EP111
Drawing Title		Drawing Number	
Phase CONS	TRUCTION DOC	UMENTS	28
Location	SAINT CLOUD, N	Building Number	
	BUILDING 28 REAST RRT	P	Project Number 656-19-306

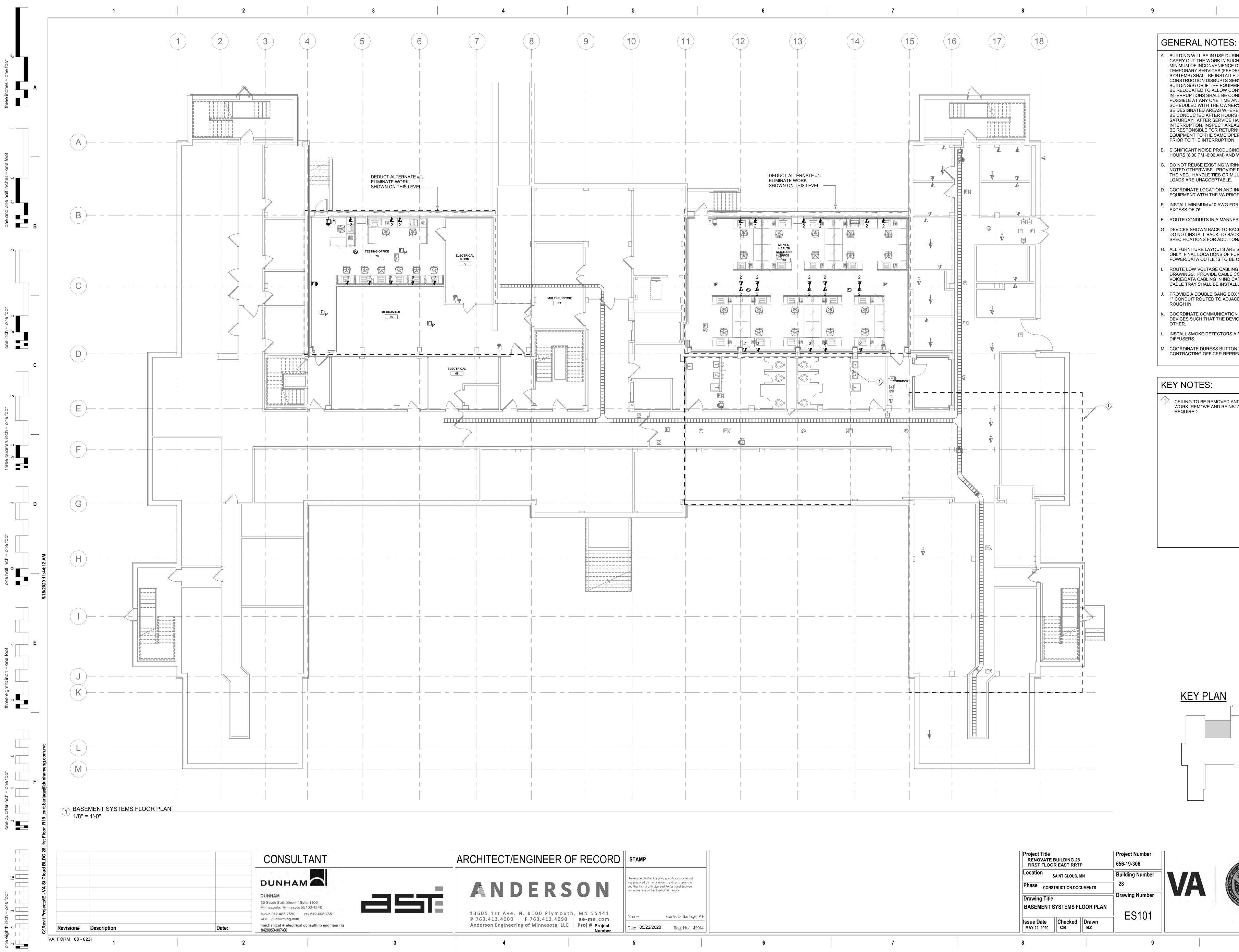


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E DURING CONSTRUCTION. SCHEDULE AND N SUCH A MANNER AS TO CAUSE THE OWNER A ENCE DUE TO SERVICE INTERRUPTION. (FEEDER, BRANCH CIRCUIT, AND SIGNAL TALLED IF ONE AREA OR PHASE OF TS SERVICE TO ANOTHER AREA OF THE QUIPMENT, CONDUITS, OR FEEDERS HAVE TO W CONSTRUCTION TO PROGRESS. SERVICE BE CONFINED TO THE SMALLEST AREA IME AND INTERRUPTIONS SHALL BE OWNER'S SITE REPRESENTATIVE. THERE SHALL WHERE INTERRUPTIONS LIMITED TO AND SHALL HOURS (8:00 PM -6:00 AM) MONDAY THROUGH VICE HAS BEEN RESTORED FOLLOWING AN T AREAS AFFECTED BY THE INTERRUPTION AND ETURNING AUTOMATICALLY CONTROLLED IE OPERATING CONDITION WHICH EXISTED PTION.
DUCING WORK SHALL BE CONDUCTED AFTER I) AND WEEKENDS.
G WIRING. PROVIDE NEW HOME RUNS UNLESS OVIDE DEDICATED NEUTRALS AS REQUIRED BY OR MULTI POLE BREAKERS FOR SINGLE PHASE BLE.
AND INSTALLATION OF CEILING MOUNTED A PRIOR TO ROUGH-IN.
VG FOR ALL 120V CIRCUIT HOMERUNS IN
IANNER TO CONCEAL WHERE POSSIBLE.
TO-BACK ARE FOR INTENT PURPOSES ONLY. O-BACK TO PREVENT NOISE TRAVEL. SEE DDITIONAL INFORMATION.
S ARE SHOWN FOR DESIGN INTENT OF FURNITURE AND ASSOCIATED TO BE COORDINATED WITH OWNER.
ELECTRICAL (ME) SCHEDULES FOR ELECTRICAL IENTS TO MECHANICAL EQUIPMENT.
CLE DEVICES NEXT TO COMMUNICATION IE DEVICES ARE MOUNTED NEXT TO EACH
VISE, NORMAL POWER-FED DEVICES AND TED TO PANEL 28-L1-3. CRITICAL POWER-FED IT ARE CIRCUITED TO PANEL 28-EC1-2.

2 PROVIDE CONDUIT(S) UNDER FLOOR BELOW TO DEVICES IN ISLANDS. 3 MOUNT DEVICES TO OWNER PROVIDED FURNITURE. PROVIDE CONNECTION FOR EBR-01 WALL HEATER. PROVIDE SEPERATE CONDUIT FOR CRITICAL POWER.

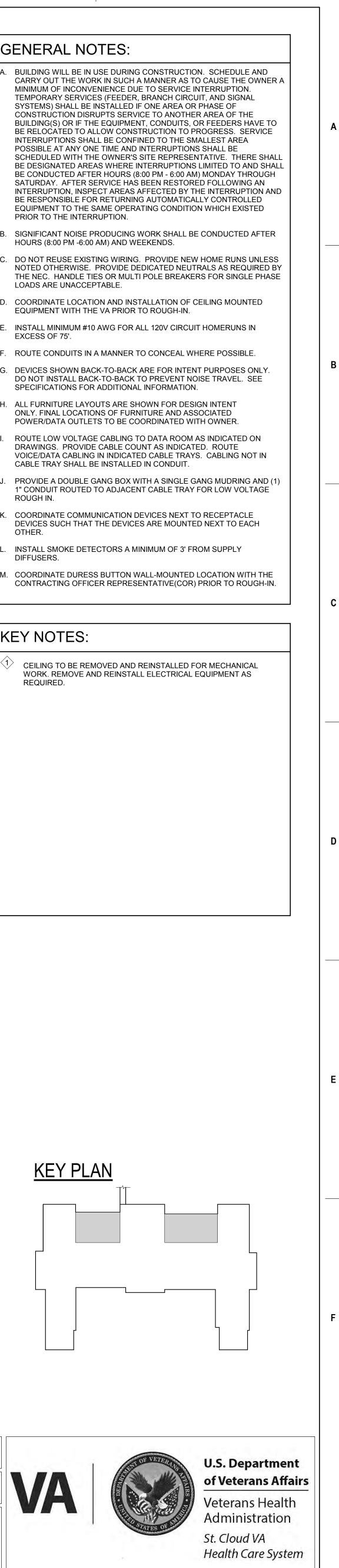


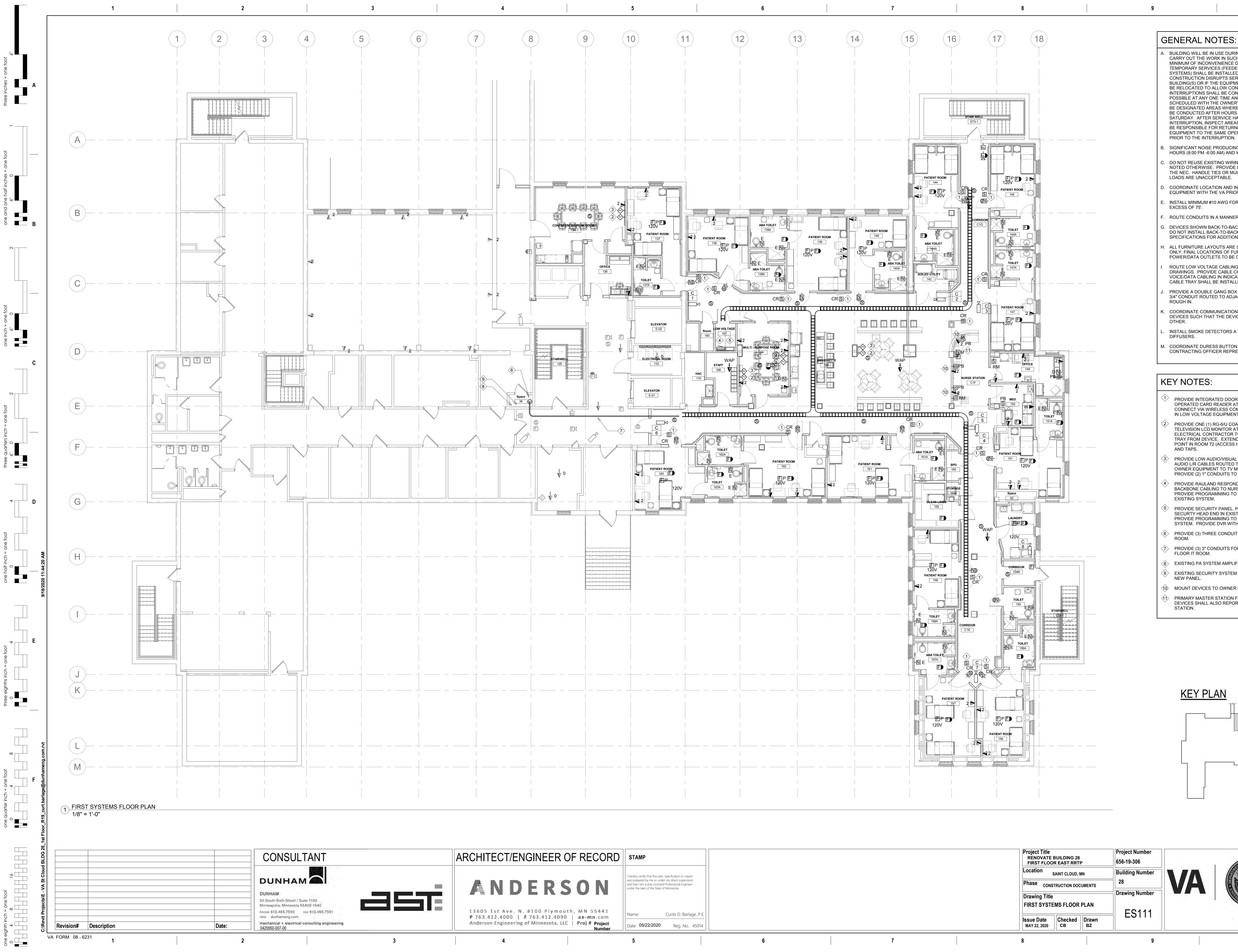




ARCHITECT/ENGINEER OF RECORD	STAMP	
ANDERSON 13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # Project	I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota. Name Curtis D. Barlage, P.E. Date <b>05/22/2020</b> Reg. No. 45914	
4 Number	5	

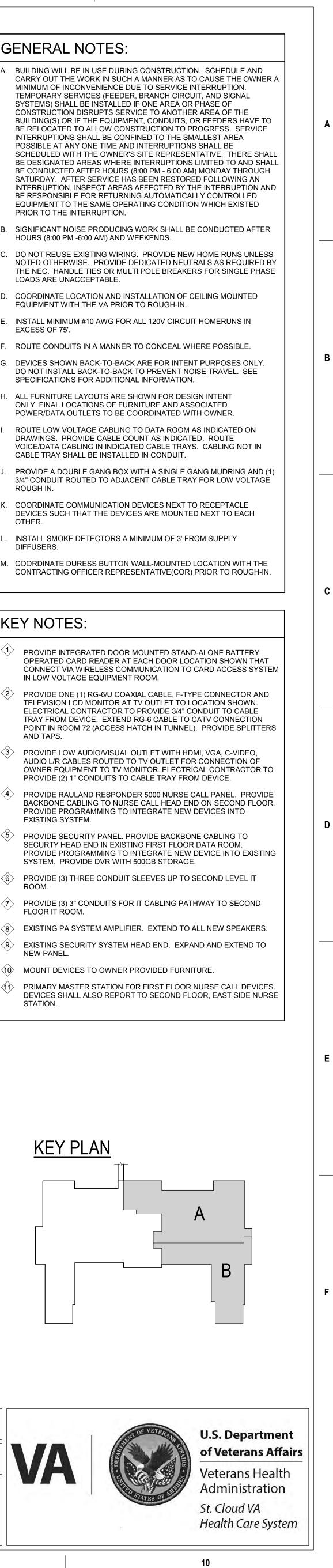
Issue Date MAY 22, 2020Checked CBDrawn BZ		
BASEMENT SYSTEMS FLOOR PLAN	ES101	
Drawing Title	Drawing Number	
Phase CONSTRUCTION DOCUMENTS	28	
Location SAINT CLOUD, MN	Building Number	
RENOVATE BUILDING 28 FIRST FLOOR EAST RRTP	656-19-306	
Project Title	Project Number	

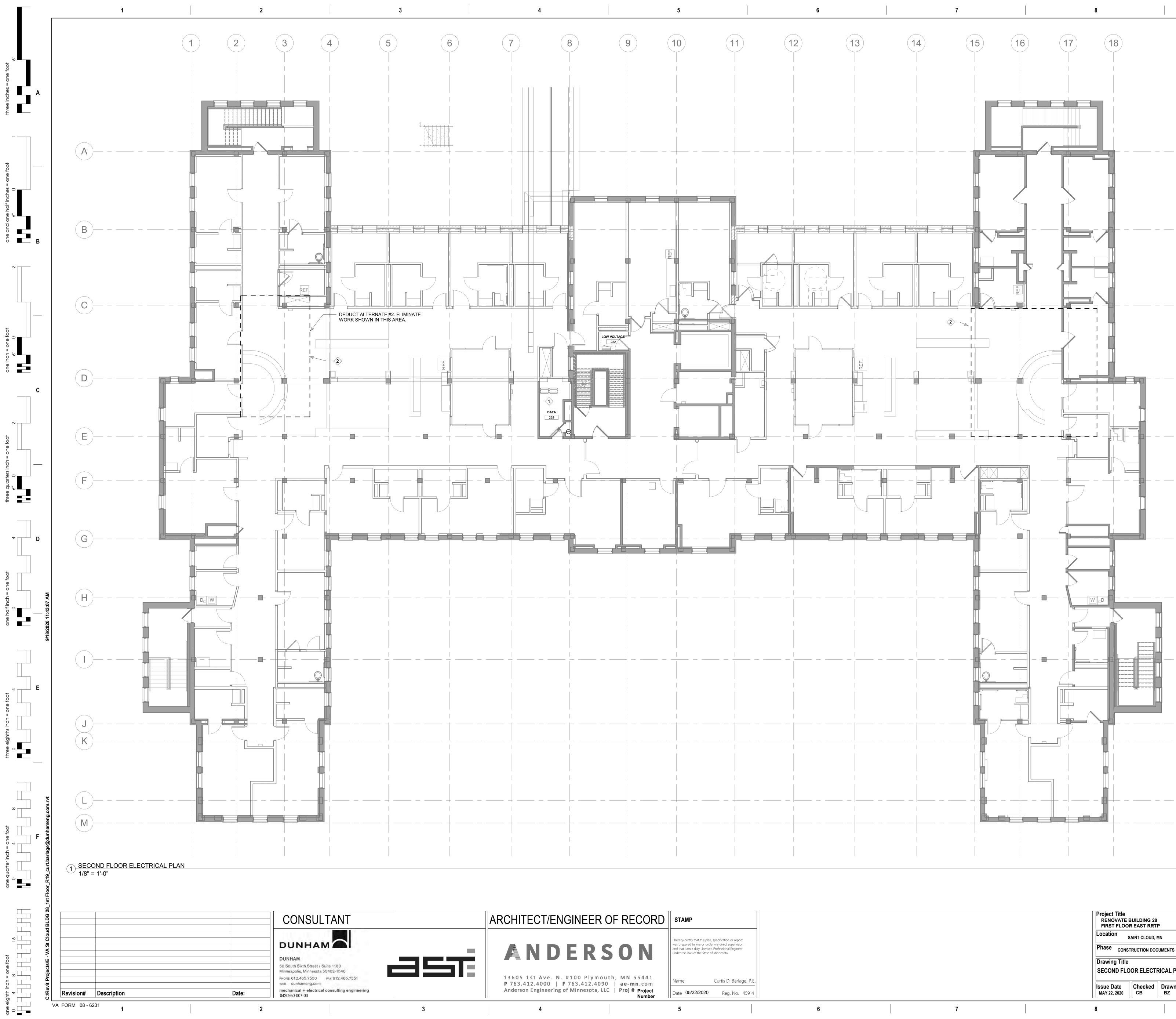




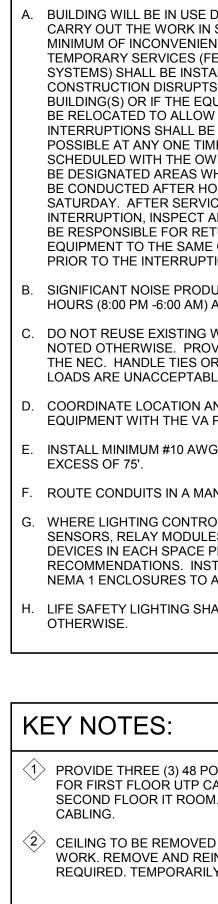
	ARCHITECT/ENGINEER OF RECORD	STAMP		
ł	ANDERSON	I hereby certify that this plan was prepared by me or und and that I am a duly License under the laws of the State o	er my direct supervision d Professional Engineer	
	13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com Anderson Engineering of Minnesota, LLC   Proj # Project Number	Name Date <b>05/22/2020</b>	Curtis D. Barlage, P.E. Reg. No. 45914	
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Issue Date MAY 22, 2020 CB	cked Drawn BZ		
FIRST SYSTEMS F	LOOR PLAN	ES111	
Drawing Title	Drawing Title		
Phase CONSTRUCT	Phase CONSTRUCTION DOCUMENTS		
Location SAINT C	Location SAINT CLOUD, MN		
RENOVATE BUILD FIRST FLOOR EAS		656-19-306	
Project Title		Project Number	





ARCHITECT/ENGINEER OF RECOF	RD STAMP	
ANDERSON	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 Professional Engineer under the laws of the State of Minnesota.	
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 # Project Number	t Date 05/22/2020 Reg No. 45914	
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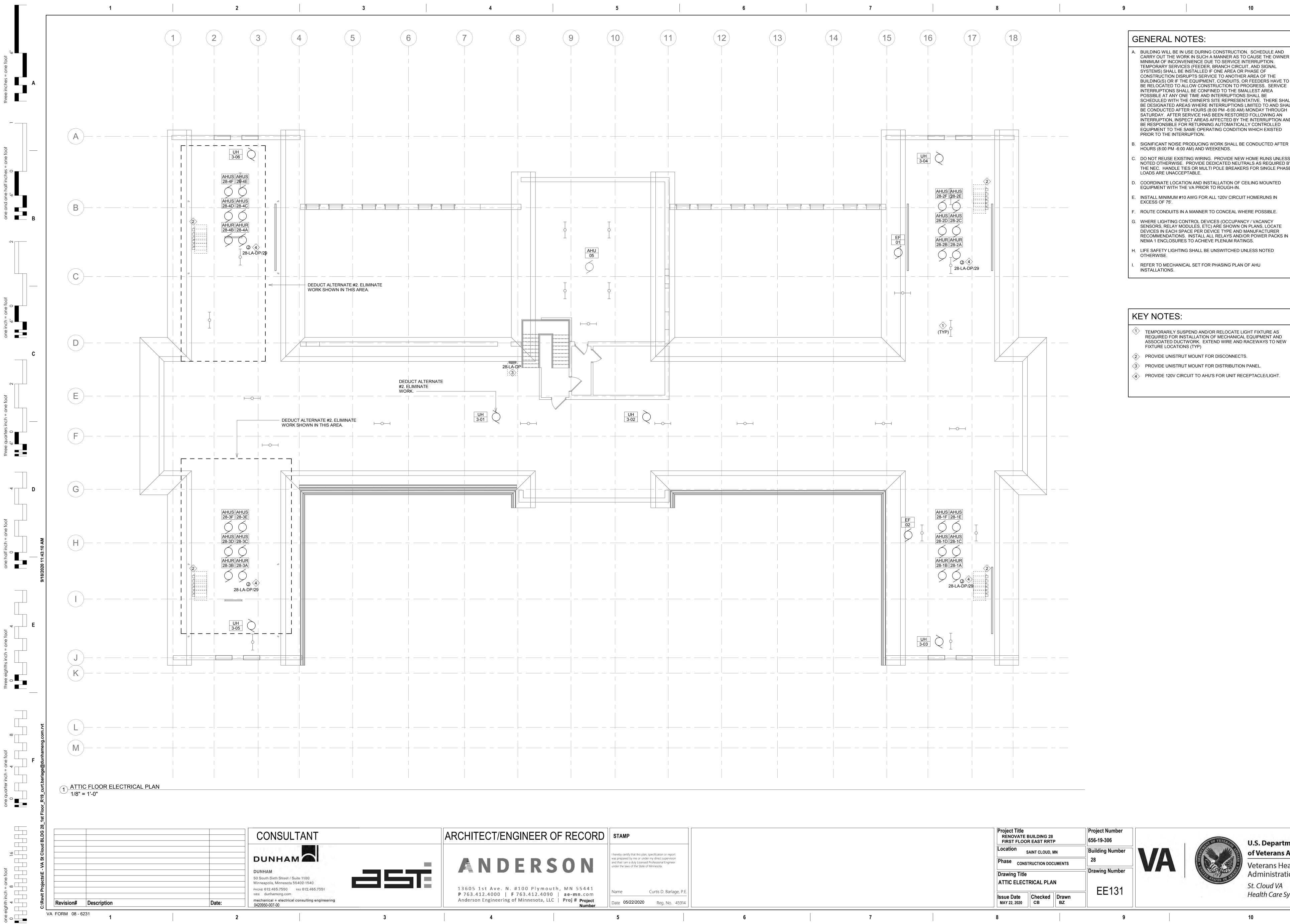
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Issue Date MAY 22, 2020	Checked CB	Drawn BZ	
SECOND FLOOR ELECTRICAL PLAN			EE121
Drawing Title		Drawing Number	
Phase <sub>CONS</sub>	TRUCTION DOC	UMENTS	28
Location	SAINT CLOUD, N	MN	Building Number
	BUILDING 28 R EAST RRTI	P	Project Number 656-19-306

GENERAL NOTES:
A. BUILDING WILL BE IN USE DURING CONSTRUCTION. SCHEDULE AND CARRY OUT THE WORK IN SUCH A MANNER AS TO CAUSE THE OWNER A MINIMUM OF INCONVENIENCE DUE TO SERVICE INTERRUPTION. TEMPORARY SERVICES (FEEDER, BRANCH CIRCUIT, AND SIGNAL SYSTEMS) SHALL BE INSTALLED IF ONE AREA OR PHASE OF CONSTRUCTION DISRUPTS SERVICE TO ANOTHER AREA OF THE BUILDING(S) OR IF THE EQUIPMENT, CONDUITS, OR FEEDERS HAVE TO BE RELOCATED TO ALLOW CONSTRUCTION TO PROGRESS. SERVICE INTERRUPTIONS SHALL BE CONFINED TO THE SMALLEST AREA POSSIBLE AT ANY ONE TIME AND INTERRUPTIONS SHALL BE SCHEDULED WITH THE OWNER'S SITE REPRESENTATIVE. THERE SHALL BE DESIGNATED AREAS WHERE INTERRUPTIONS LIMITED TO AND SHALL BE CONDUCTED AFTER HOURS (8:00 PM -6:00 AM) MONDAY THROUGH SATURDAY. AFTER SERVICE HAS BEEN RESTORED FOLLOWING AN INTERRUPTION, INSPECT AREAS AFFECTED BY THE INTERRUPTION AND BE RESPONSIBLE FOR RETURNING AUTOMATICALLY CONTROLLED EQUIPMENT TO THE SAME OPERATING CONDITION WHICH EXISTED PRIOR TO THE INTERRUPTION.
B. SIGNIFICANT NOISE PRODUCING WORK SHALL BE CONDUCTED AFTER HOURS (8:00 PM -6:00 AM) AND WEEKENDS.
C. DO NOT REUSE EXISTING WIRING. PROVIDE NEW HOME RUNS UNLESS NOTED OTHERWISE. PROVIDE DEDICATED NEUTRALS AS REQUIRED BY THE NEC. HANDLE TIES OR MULTI POLE BREAKERS FOR SINGLE PHASE LOADS ARE UNACCEPTABLE.
D. COORDINATE LOCATION AND INSTALLATION OF CEILING MOUNTED EQUIPMENT WITH THE VA PRIOR TO ROUGH-IN.
E. INSTALL MINIMUM #10 AWG FOR ALL 120V CIRCUIT HOMERUNS IN EXCESS OF 75'.
F. ROUTE CONDUITS IN A MANNER TO CONCEAL WHERE POSSIBLE.
G. WHERE LIGHTING CONTROL DEVICES (OCCUPANCY / VACANCY SENSORS, RELAY MODULES, ETC) ARE SHOWN ON PLANS, LOCATE DEVICES IN EACH SPACE PER DEVICE TYPE AND MANUFACTURER RECOMMENDATIONS. INSTALL ALL RELAYS AND/OR POWER PACKS IN NEMA 1 ENCLOSURES TO ACHIEVE PLENUM RATINGS.
H. LIFE SAFETY LIGHTING SHALL BE UNSWITCHED UNLESS NOTED OTHERWISE.
KEY NOTES:
1 PROVIDE THREE (3) 48 PORT PATCH PANELS IN EXISTING DATA RACKS FOR FIRST FLOOR UTP CABLING. EXTEND DEVICE CABLING TO SECOND FLOOR IT ROOM. PROVIDE 25'-0" SERVICE LOOP FOR UTP CABLING.

2 CEILING TO BE REMOVED AND REINSTALLED FOR MECHANICAL WORK. REMOVE AND REINSTALL ALL ELECTRICAL EQUIPMENT AS REQUIRED. TEMPORARILY SUSPEND EQUIPMENT AS REQUIRED.

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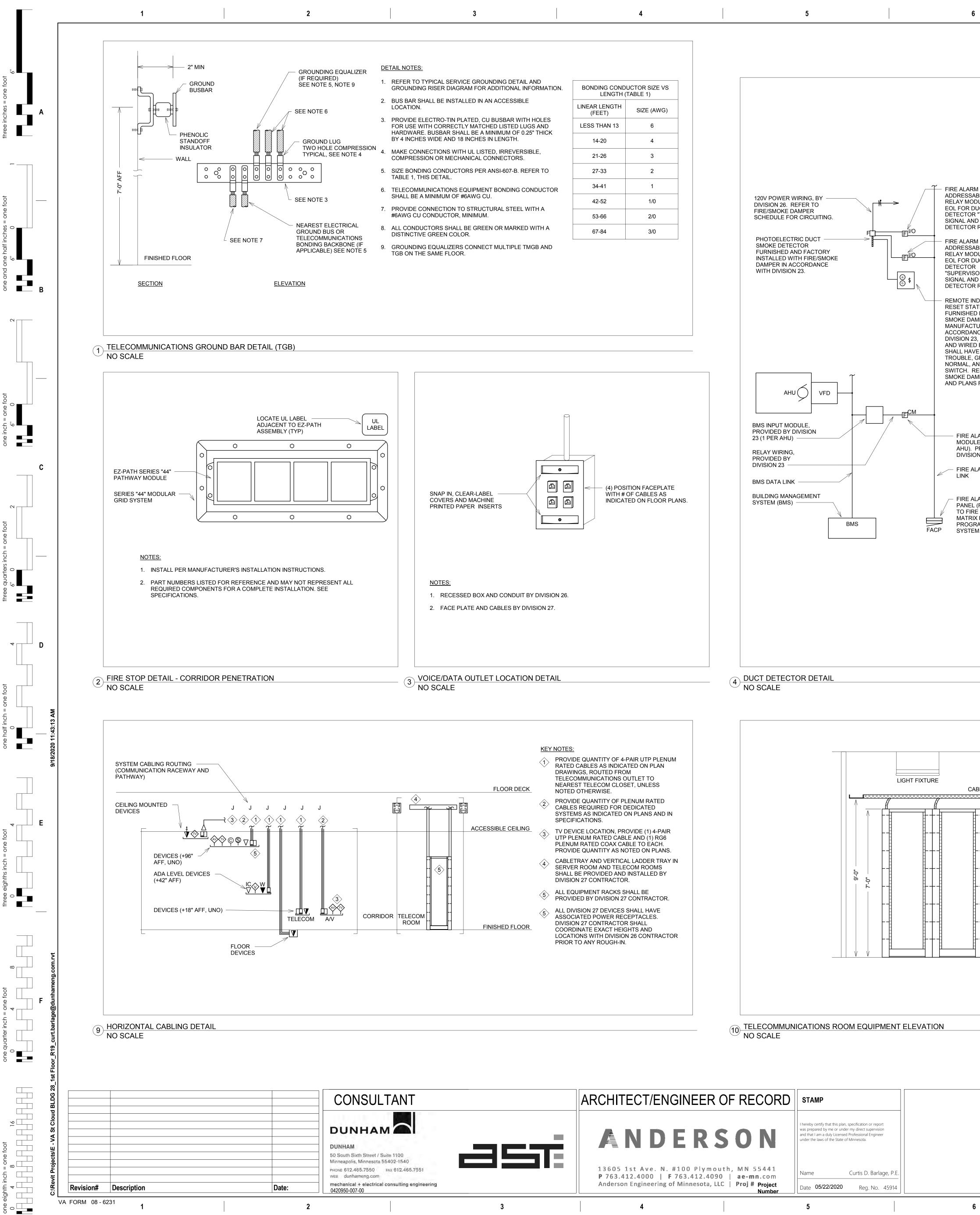
 ARCHITECT/ENGIN	EER OF RE	CORD	STAMP		
<b>ANDE</b> 13605 1st Ave. N. #100 P 763.412.4000   F 763.4	Plymouth, MN 5 412.4090   <b>ae-m</b> i	<b>N</b> 5441 n.com	I hereby certify that this pl was prepared by me or ur and that I am a duly Licen: under the laws of the State	nder my direct supervision sed Professional Engineer	
Anderson Engineering of Minr	nesota, LLC   Proj #	Project Number	Date 05/22/2020	Reg. No. 45914	
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	BUILDING 28 DR EAST RRT		Project Number 656-19-306	
Location	SAINT CLOUD, I	MN	Building Number	
Phase <sub>CON</sub>	STRUCTION DOC	UMENTS	28	
Drawing Title	9		Drawing Number	
	TRICAL PLA	N	EE131	
Issue Date MAY 22, 2020	Checked CB	Drawn BZ		

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E DURING CONSTRUCTION. SCHEDULE AND IN SUCH A MANNER AS TO CAUSE THE OWNER A ENCE DUE TO SERVICE INTERRUPTION. (FEEDER, BRANCH CIRCUIT, AND SIGNAL TALLED IF ONE AREA OR PHASE OF TS SERVICE TO ANOTHER AREA OF THE COUPMENT, CONDUITS, OR FEEDERS HAVE TO W CONSTRUCTION TO PROGRESS. SERVICE BE CONFINED TO THE SMALLEST AREA TIME AND INTERRUPTIONS SHALL BE OWNER'S SITE REPRESENTATIVE. THERE SHALL WHERE INTERRUPTIONS LIMITED TO AND SHALL HOURS (8:00 PM -6:00 AM) MONDAY THROUGH VICE HAS BEEN RESTORED FOLLOWING AN T AREAS AFFECTED BY THE INTERRUPTION AND ETURNING AUTOMATICALLY CONTROLLED ME OPERATING CONDITION WHICH EXISTED PTION.
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VG FOR ALL 120V CIRCUIT HOMERUNS IN
IANNER TO CONCEAL WHERE POSSIBLE.
ROL DEVICES (OCCUPANCY / VACANCY LES, ETC) ARE SHOWN ON PLANS, LOCATE E PER DEVICE TYPE AND MANUFACTURER ISTALL ALL RELAYS AND/OR POWER PACKS IN D ACHIEVE PLENUM RATINGS.
HALL BE UNSWITCHED UNLESS NOTED

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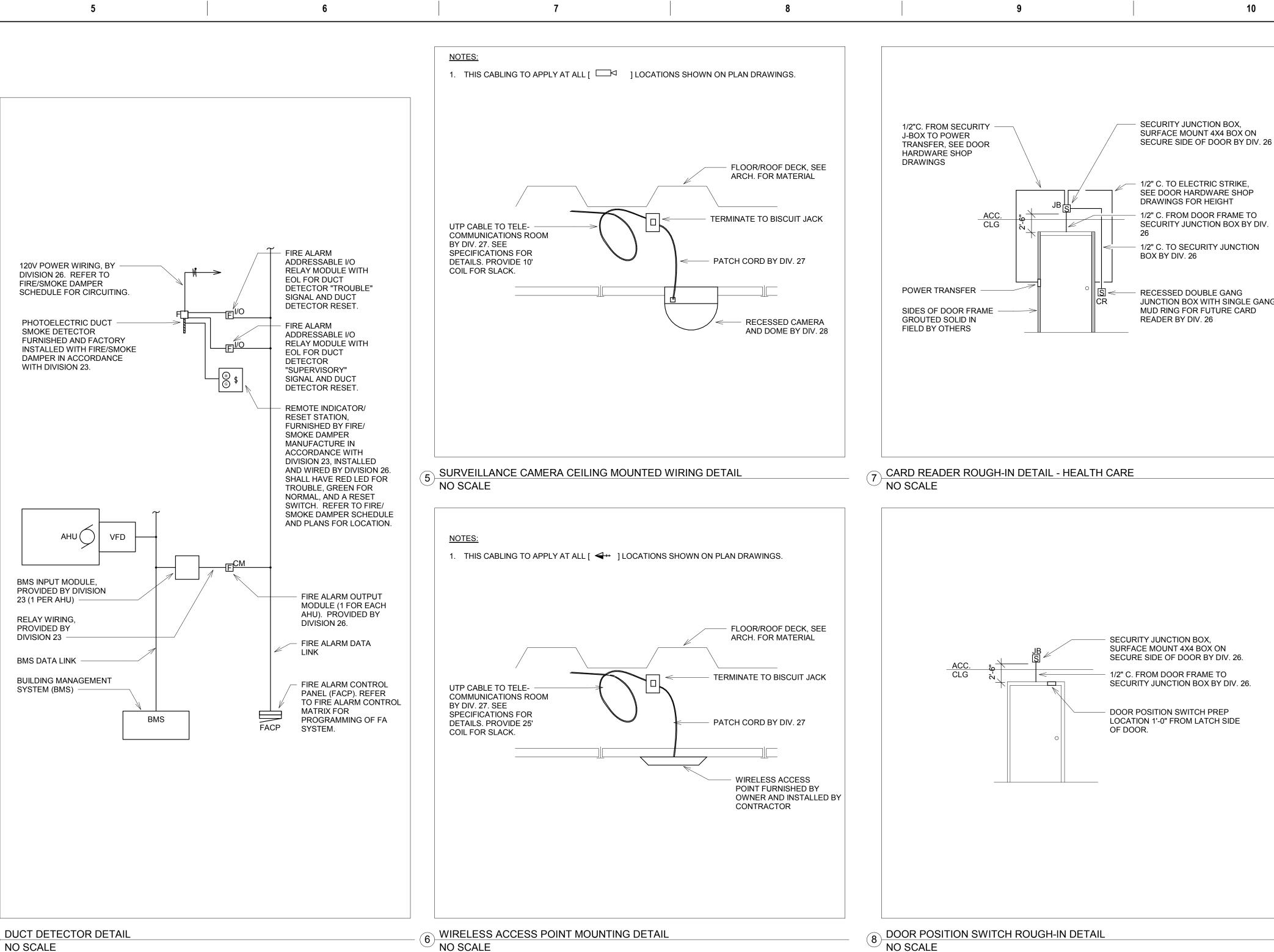
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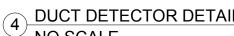
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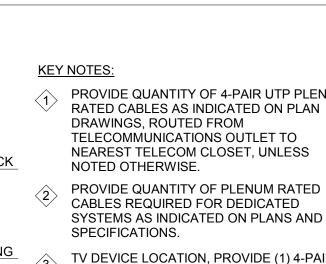


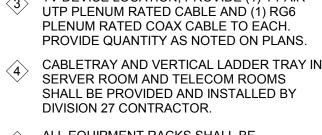
	LENGTH (TABLE 1)	
	LINEAR LENGTH (FEET)	SIZE (AWG)
	LESS THAN 13	6
	14-20	4
	21-26	3
	27-33	2
R	34-41	1
	42-52	1/0
	53-66	2/0
	67-84	3/0

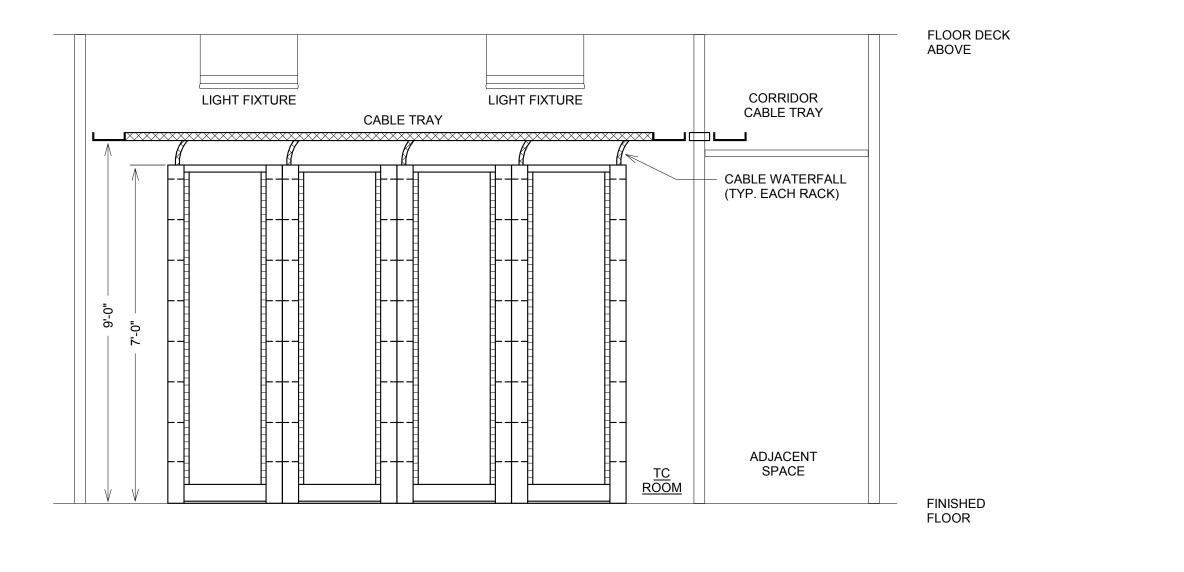












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Issue Date MAY 22, 2020 CB BZ		
ELECTRICAL DETAILS	= EE500	
Drawing Title	Drawing Number	
Phase CONSTRUCTION DOCUMENTS	28	VA
Location SAINT CLOUD, MN	Building Number	
Project Title RENOVATE BUILDING 28 FIRST FLOOR EAST RRTP	Project Number 656-19-306	

SECURITY JUNCTION BOX,

1/2" C. TO ELECTRIC STRIKE, SEE DOOR HARDWARE SHOP DRAWINGS FOR HEIGHT 1/2" C. FROM DOOR FRAME TO SECURITY JUNCTION BOX BY DIV. 1/2" C. TO SECURITY JUNCTION BOX BY DIV. 26

- RECESSED DOUBLE GANG JUNCTION BOX WITH SINGLE GANG MUD RING FOR FUTURE CARD READER BY DIV. 26

SECURITY JUNCTION BOX, SURFACE MOUNT 4X4 BOX ON SECURE SIDE OF DOOR BY DIV. 26. 1/2" C. FROM DOOR FRAME TO SECURITY JUNCTION BOX BY DIV. 26.

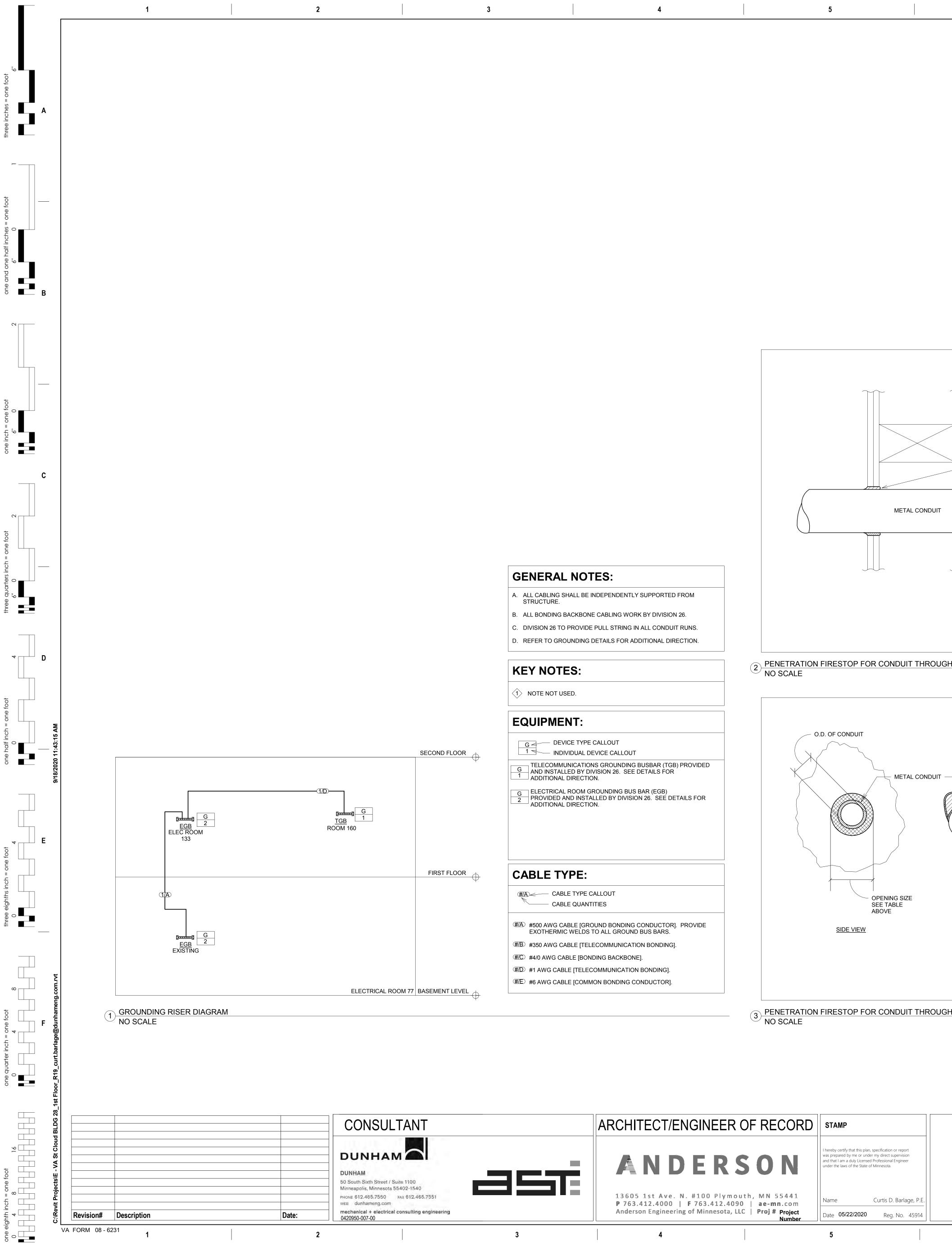
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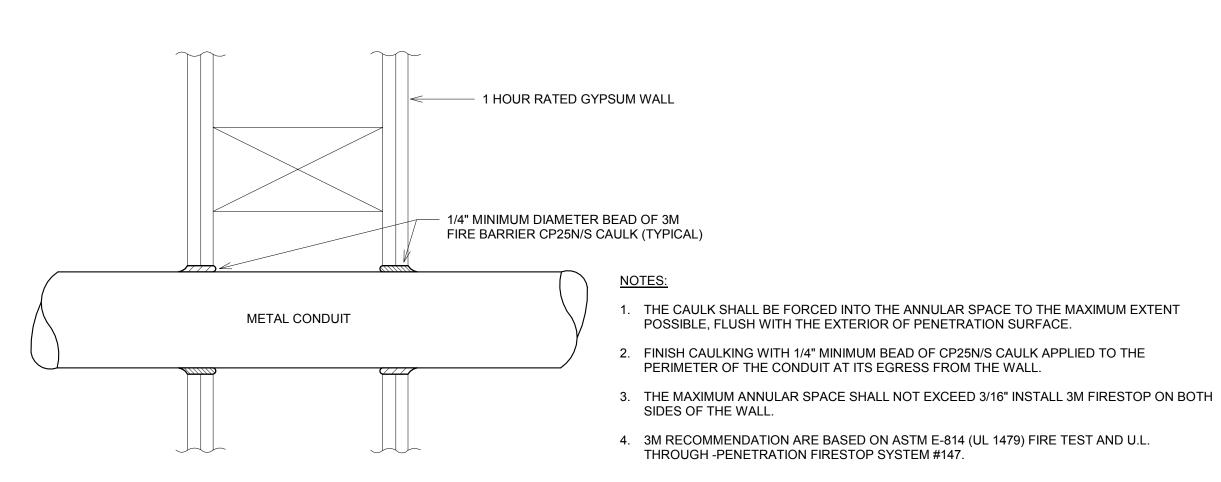
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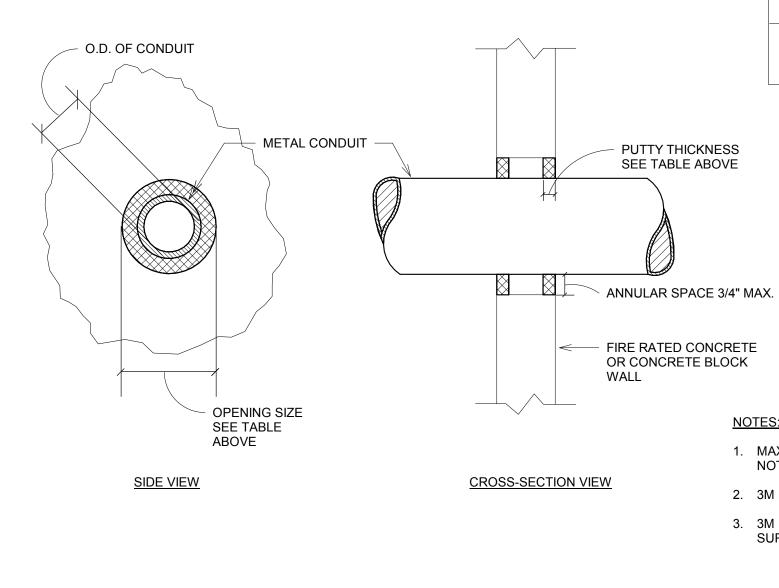
- DOOR POSITION SWITCH PREP LOCATION 1'-0" FROM LATCH SIDE











3 PENETRATION FIRESTOP FOR CONDUIT THROUGH CONCRETE WALL (2,3 HOUR) DETAIL

6

-	BUILDING 28 R EAST RRTP	Project Number 656-19-306
Location SAINT CLOUD, MN		Building Number
Phase CONS	TRUCTION DOCUME	ENTS 28
Drawing Title		Drawing Number
ELECTRICAL	DETAILS	EE501
Issue Date MAY 22, 2020		

	Project Number	
P	656-19-306	1.1.1.1
MN	Building Number	
CUMENTS	28	
	Drawing Number	
Drawn	EE501	
Drawn		

ENING SHALL	
SYSTEM 202.	
ЭН ТО ВОТН	

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BEAM CLAMPS BY DIV. 26 -

GYPSUM FIRE -RATED CEILING

FIRE WALL

EXTENDING TO

ABOVE CABLE TRAY OPENING.

BOTTOM OF SLAB

PROVIDE FIRESTOP

SEALANT ON BOTH SIDES (B10

FIRESTOP SEALANT

FIRESHIELD

OR EQUAL).

H

1/2" 🧹

FRAMING AROUND

## NOTES:

7

POSSIBLE, FLUSH WITH THE EXTERIOR OF PENETRATION SURFACE.

PERIMETER OF THE CONDUIT AT ITS EGRESS FROM THE WALL.

THROUGH -PENETRATION FIRESTOP SYSTEM #147.

MAXIMUM O.D. OF CONDUIT	MAXIMUM OPENING SIZE	MINIMUM PUTTY THICKNESS	FIRE RATING OF
5"	6 1/4 INCH	1/2 INCH	2 HOUR
10"	12 1/4 INCH	1 INCH	3 HOUR

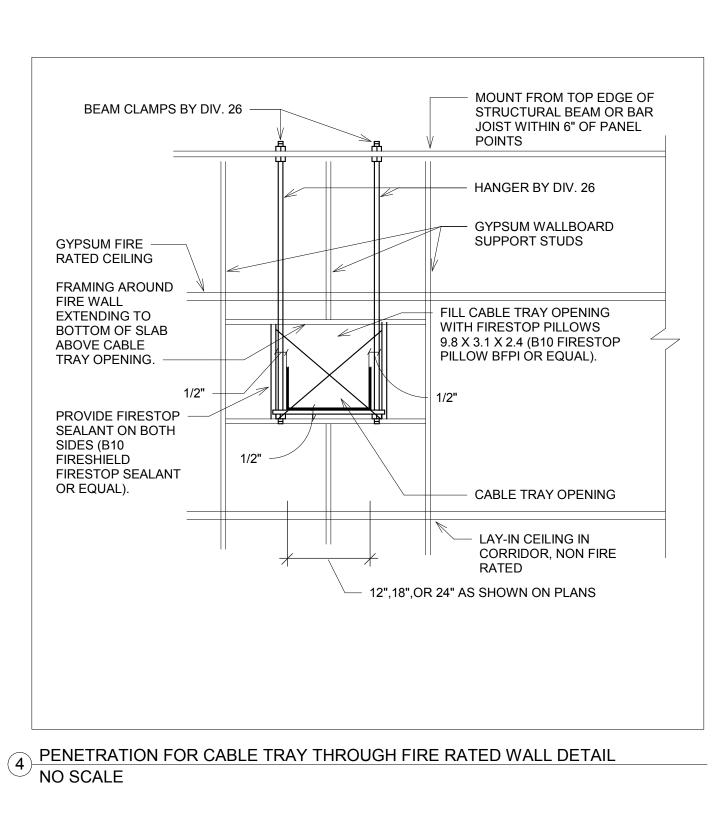
## - PUTTY THICKNESS

SIDES OF THE WALL.

- MAXIMUM ANNULAR SPACE BETWEEN CONDUIT AND OPEN NOT EXCEED 3/4 INCH.

## 2. 3M RECOMMENDATIONS ARE BASED ON U.L. FIRESTOP SY

# 3. 3M FIRE BARRIER MP MOLDABLE PUTTY INSTALLED FLUSH SURFACES OF THE WALL.





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

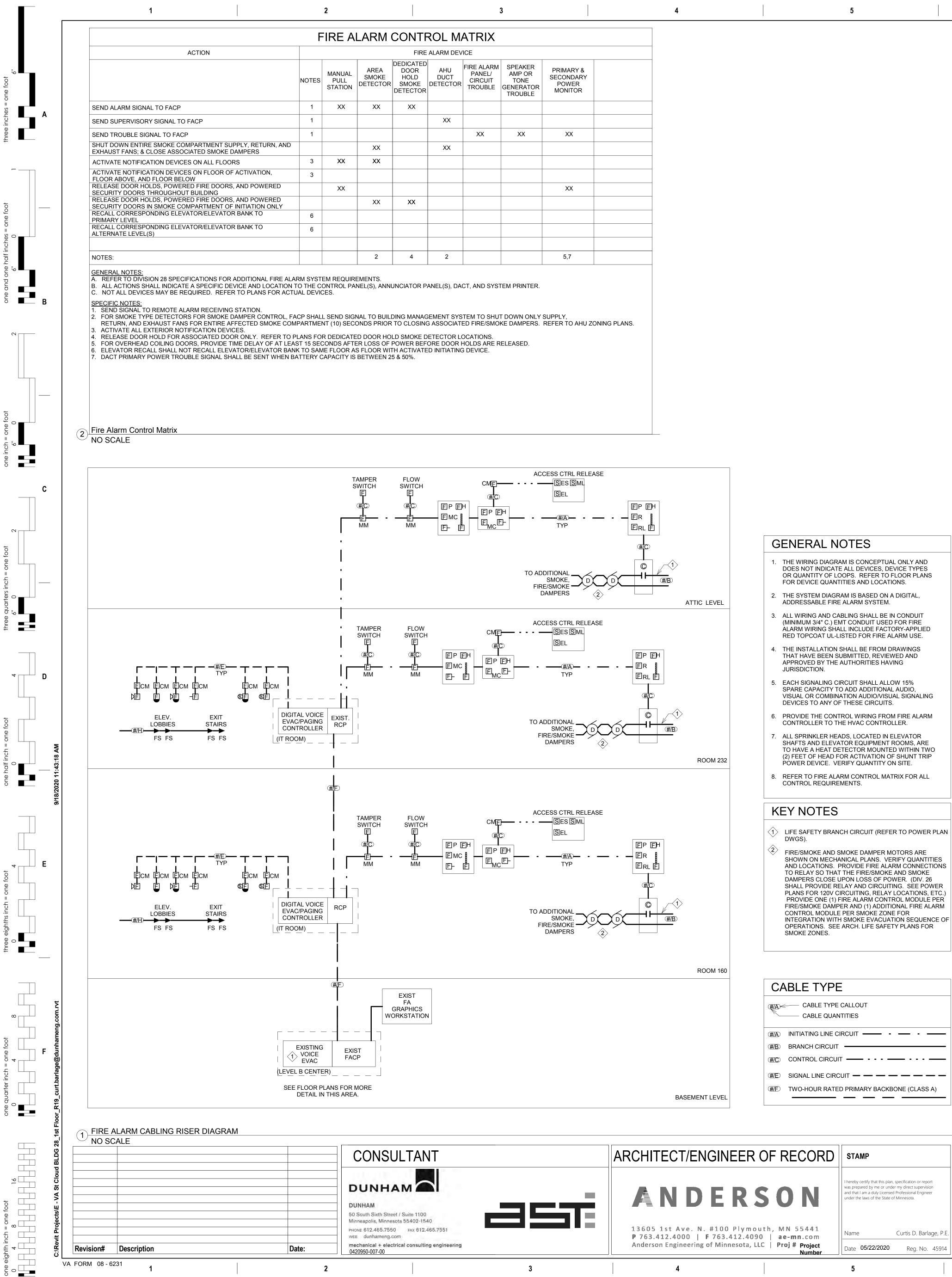
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R	PRIMARY & SECONDARY POWER MONITOR	
	XX	
	XX	
	5,7	

- SHOWN ON MECHANICAL PLANS. VERIFY QUANTITIES AND LOCATIONS. PROVIDE FIRE ALARM CONNECTIONS SHALL PROVIDE RELAY AND CIRCUITING. SEE POWER PLANS FOR 120V CIRCUITING, RELAY LOCATIONS, ETC.) PROVIDE ONE (1) FIRE ALARM CONTROL MODULE PER FIRE/SMOKE DAMPER AND (1) ADDITIONAL FIRE ALARM INTEGRATION WITH SMOKE EVACUATION SEQUENCE OF

	CABLE TYPE CALLOUT
<b>#/A</b>	INITIATING LINE CIRCUIT
( <b>#/B</b> )	BRANCH CIRCUIT
( <b>#/C</b> )	
( <b>#/E</b> )	SIGNAL LINE CIRCUIT — — — — — — — —
#/E)	TWO-HOUR RATED PRIMARY BACKBONE (CLASS A)

6

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Project Title RENOVATE BUILDING 28 FIRST FLOOR EAST RRTP	Project Number 656-19-306	
Location SAINT CLOUD, MN	Building Number	
Phase CONSTRUCTION DOCUMENTS	28	
Drawing Title	Drawing Number	
ELECTRICAL DETAILS	EE502	
Issue Date MAY 22, 2020 Checked Drawn		



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

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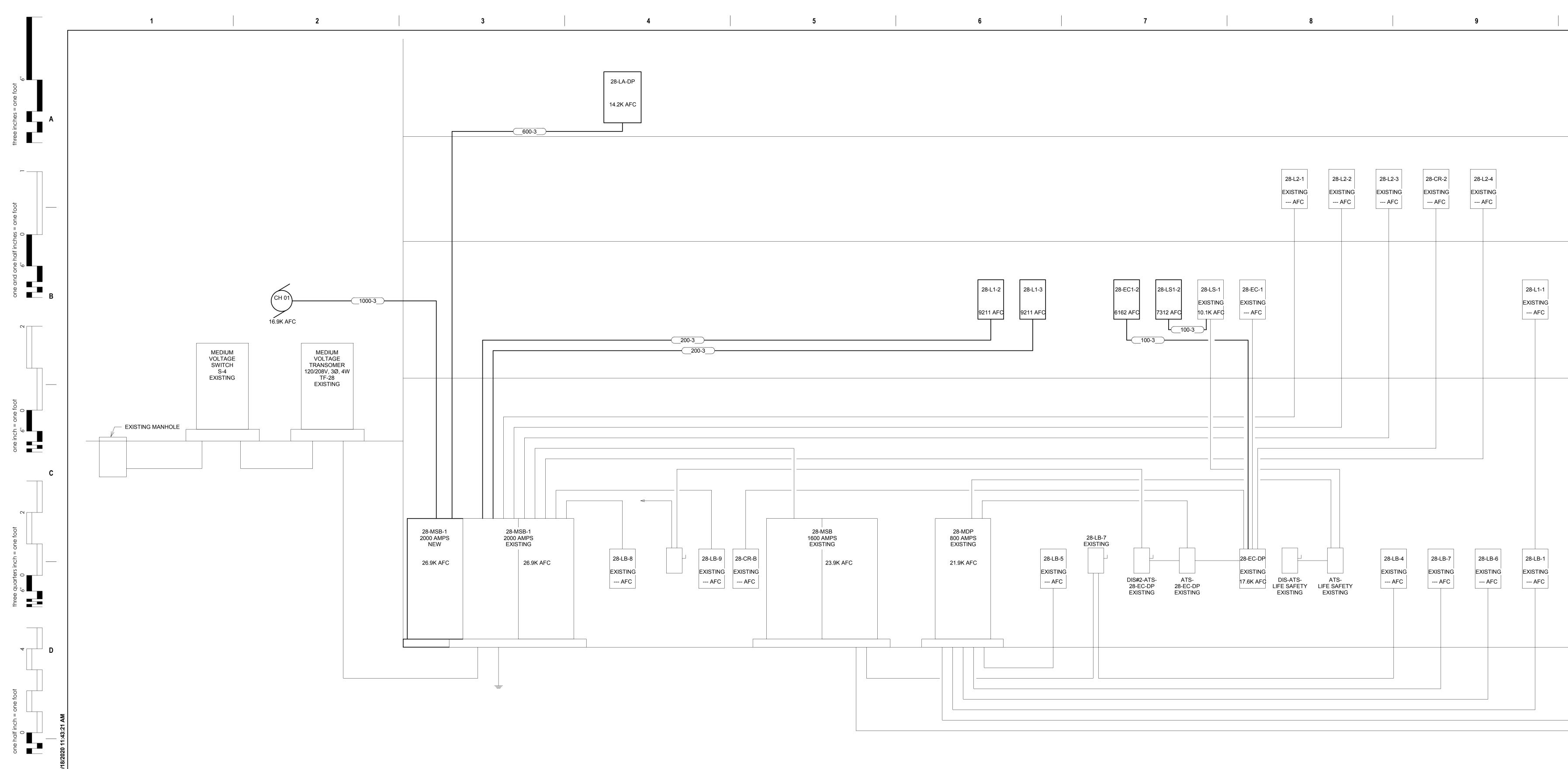
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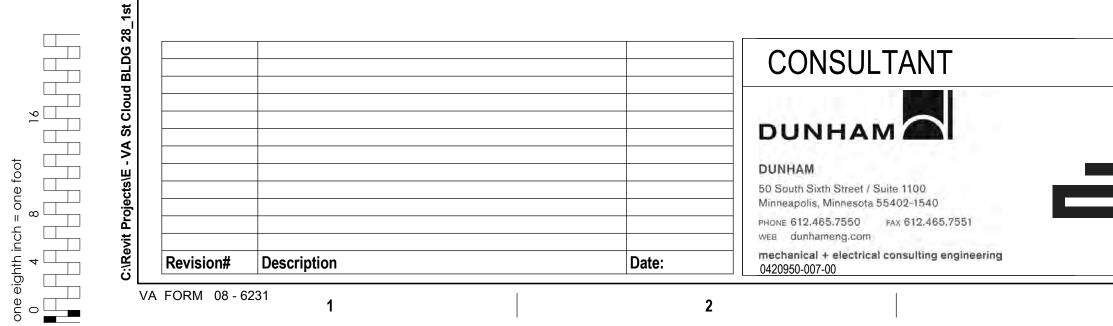


1 ELECTRICAL RISER DIAGRAM

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	FEEDER	FEEDER DESCRIPTION
100-3		1-1/4"C, 4#3 + #8 G
200-3		2"C, 4#3/0 + #6 G
600-3		(2) 3"C, 4#350KCMIL + #1 G
1000-3		(3) 3"C, 4#400KCMIL + #2/0 G
-2 -3	SINGLE PHASE THREE PHASE	
S D U L N T	SERVICE SECO SIZED FOR VOL PVC UNDERGROUNI ALUMINUM ADDED NEUTRA THREE WIRE OI	TAGE DROP

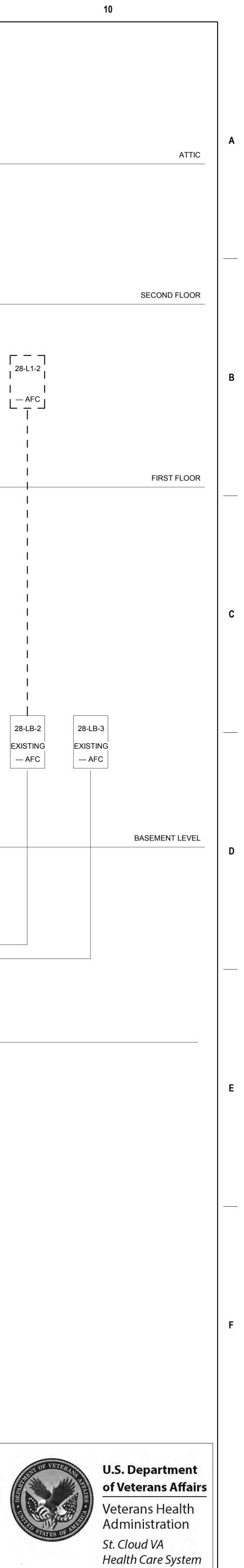


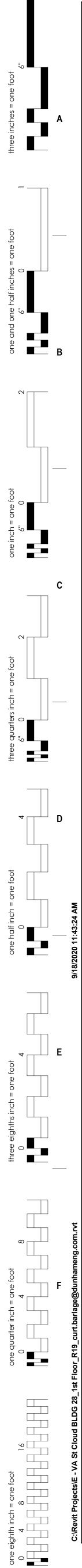
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	ARCHITECT/ENGINE	ER OF RECORD	STAMP		
-	ANDEF	<b>SON</b>	I hereby certify that this plat was prepared by me or und and that I am a duly License under the laws of the State	der my direct supervision ed Professional Engineer	
-	13605 1st Ave. N. #100 Pl <b>P</b> 763.412.4000   <b>F</b> 763.412 Anderson Engineering of Minneso	2.4090   <b>ae-mn</b> .com	Name Date 05/22/2020	Curtis D. Barlage, P.E. Reg. No. 45914	
	4		5		

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8		9	
Issue Date MAY 22, 2020	Checked Drawn CB BZ		
	RISER DIAGRAM	EE600	
Drawing Title		Drawing Number	
Phase <sub>CONS</sub>	TRUCTION DOCUMENTS	28	VA
Location	SAINT CLOUD, MN	Building Number	
RENOVATE	BUILDING 28 R EAST RRTP	656-19-306	
Project Title		Project Number	] [





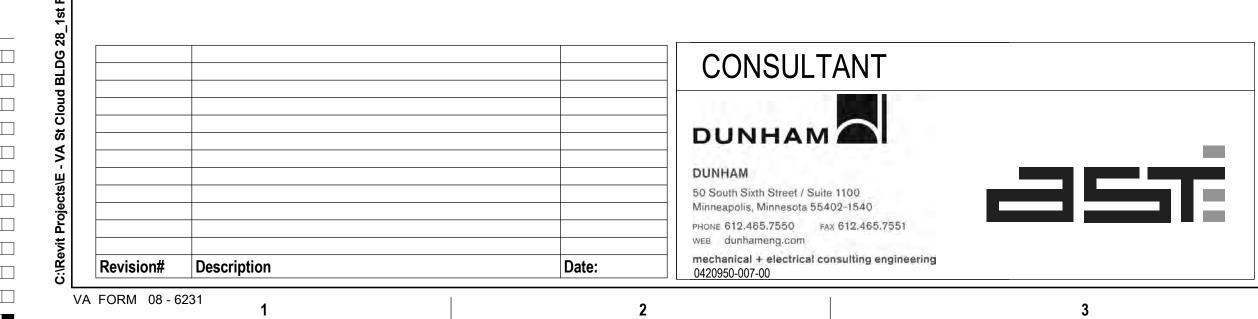
			AUTO OFF	LIGHT REDUCTION %				
CONTROL SEQUENCE	VACANCY SENSOR	OCCUPANCY SENSOR	TIME (MINUTES)	SWITCHING (MIN 50%)	DIMMING TYPE	DIMMING LEVEL	MANUAL ON/OFF	NOTES
LC 01	YES	NO	15	50	0-10V	1%	AUTO/NO	

3

GENERAL NOTES:

1

A. PROVIDE ALL PARTS AND PIECES NECESSARY TO MAKE A FUNCTIONAL LIGHTING CONTROL SYSTEM WITH ALL CONTROLS AS MARKED ABOVE.
B. SUPPLIER TO PROVIDE COMPLETE WIRING DIAGRAM PRIOR TO INSTALLATION.
C. IF DIMMING IS CALLED FOR IN SCHEDULE, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND PROVIDE ALL NECESSARY PARTS, BALLASTS, DRIVERS, ETC. D. CONTRACTOR TO PROVIDE ALL WIRING NECESSARY INCLUDING ANY 0-10V CONTROL WIRING AS REQUIRED.
E. CONTRACTOR MUST COMPLY WITH THE CONTROLS INTENT AS INDICATED ON THE DRAWINGS.
F. AT MINIMUM, CONTRACTOR SHALL HOLD TWO PRE CONSTRUCTION MEETINGS, PRIOR TO BID, WITH THEIR SELECTED LIGHTING CONTROLS VENDOR OR SUPPLIEF
G. THE INTENT OF (2) PRE CONSTRUCTION MEETINGS IS TO DEVELOP AN UNDERSTANDING OF THE CONTROLS SYSTEM TO ACCURATELY ACCOUNT FOR ALL POWEF
H. CONTRACTOR SHALL PROVIDE ALL NECESSARY COMPONENTS, ACCESSORIES AND ASSOCIATED LABOR FOR THEIR SELECTED LIGHTING CONTROLS SYSTEM. ELECTRICAL NOTES:



VE.
LASTS, DRIVERS, ETC. TO PROVIDE THE DIMMING FUNCTION.
S VENDOR OR SUPPLIER. COUNT FOR ALL POWER, CONTROLS, CABLING, EQUIPMENT AND CONNECTION REQUIREMENTS. CONTROLS SYSTEM.

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ELECTRIC	AL										
FIXTURE LETTER	FIXTURE STYLE	VOLTAGE	MOUNTING	LAMPS TYPE	COLOR	BALLAST/ DRIVER	FIXTURE MAX VA	CONTROL MEDIA (LENS, LOUVER, ETC.)	MANUFACTURER'S SERIES NUMBER	FIXTURE DESCRIPTION	NOTES
A	2X4 LED VOLUMETRIC TROFFER	120	RECESSED GYP-BOARD AND/OR LAY-IN GRID INVERTED TEE	LED 4800 LUM MIN	4000K	DIMMING TO 10% (0-10V)	38.4 VA	0.125" MINIMUM ACRYLIC LINEAR PRISMATIC LENS	LITHONIA 2VTL4 SERIES METZLUX #ST 24CZ2 COLUMBIA LCAT HE WILLIAMS PT SERIES	ONE-PIECE COLD-ROLLED STEEL COATED POLYESTER, PAINTED AFTER FABICATION WITH EMBOSSED FACETS. IMPACT-MODIFIED, SINGLE CLEAR DIFFUSER	
A1	2X2 LED LENSED TROFFER	120	RECESSED GYP-BOARD AND/OR LAY-IN GRID INVERTED TEE	LED 3000 LUM MIN	4000K	DIMMING 0-10V	26.3 VA	0.125" MINIMUM ACRYLIC LINEAR PRISMATIC LENS	LITHONIA 2VTL2 SERIES METALUX #ST 22CZ2 COLUMBIA LCAT HE WILLIAMS PT SERIES	ONE-PIECE COLD-ROLLED STEEL COATED POLYESTER, PAINTED AFTER FABICATION WITH EMBOSSED FACETS. IMPACT-MODIFIED, SINGLE CLEAR DIFFUSER	
В	2X4 LED VOLUMETRIC TROFFER	120	RECESSED GYP-BOARD AND/OR LAY-IN GRID INVERTED TEE	LED 7200 LUM MIN	4000K	DIMMING TO 1% (0-10V)	59 VA	0.125" MINIMUM ACRYLIC LINEAR PRISMATIC LENS	LITHONIA 2VTL4 SERIES METALUX #ST 24CZ2 COLUMBIA LCAT HE WILLIAMS PT SERIES	ONE-PIECE COLD-ROLLED STEEL COATED POLYESTER, PAINTED AFTER FABICATION WITH EMBOSSED FACETS. IMPACT-MODIFIED, SINGLE CLEAR DIFFUSER	
D	2' LINEAR FLUSH MOUNT	120	SURFACE	LED 2200 LUM MIN	4000K		25 VA	EXTRUDED ACRYLIC DIFFUSER	LITHONIA FMLCCL SERIES METALUX CWPLD AFX PIERCE HE WILLIAMS SLF SERIES	UV STABILIZED IMPACT-RESISTANT POLYCARBONATE DIFFUSER FLANKED BY DECORATIVE BRUSHED NICKEL STEEL END CAPS	
D02	6" ROUND DIAMETER DIMMABLE DOWNLIGHT	120	RECESSED GYP-BOARD AND/OR LAY-IN GRID INVERTED TEE	LED 1700 LUM MIN	4000K	DIMMING 0-10V	19.7 VA	OPEN CLEAR SELF FLANGED MEDIUM DISTRIBUTION	GOTHAM LIGHTING EVO SERIES PORTFOLIO #LD6B PRESCOLITE LITEISTRY INTENSE IHOL SERIES OR EQUAL	WHITE SELF FLANGED TRIM, PRE-PAINTED WHITE ALUMINUM HOUSING, PRE-WIRED J-BOX, TWO 27 HANGER BARS	
E1	LED EXIT SIGN - SINGLE FACE, AC ONLY	120	RECESSED WALL/CEILING	LED	RED	N/A	4 VA	MOLDED STENCIL LETTERS	LITHONIA LE SERIES SURE-LITES CX SERIES DUALLITE SE SERIES LIGHT ALARMS XD SERIES OR EQUAL	DIE CAST, BRUSHED ALUMINUM FACE, BLACK HOUSING, RED LETTERS, FACES AND ARROWS AS SHOWN ON PLANS. AC ONLY UL924	
E2	LED EXIT SIGN - DOUBLE FACE, AC ONLY	120	RECESSED WALL/CEILING	LED	RED	N/A	5 VA	MOLDED STENCIL LETTERS	LITHONIA LE SERIES SURE-LITES CX SERIES DUALLITE SE SERIES LIGHT ALARMS XD SERIES OR EQUAL	DIE CAST, BRUSHED ALUMINUM FACE, BLACK HOUSING, RED LETTERS, FACES AND ARROWS AS SHOWN ON PLANS. DIE CAST, BRUSHED ALUMINUM FACE, BLACK HOUSING, RED LETTERS, FACES AND ARROWS AS SHOWN ON PLANS. AC ONLY UL924	
F	PATIENT ROOM LED NIGHT LIGHT	120	SURFACE	LED 39 LUM MIN	4000K		1.2 VA	VANITY LIGHT	HEALTHCARE-LIGHTING # PATHFINDER HNL610 SERIES OR EQUAL	DIE CAST ALUMINUM HOUSING, POWDERCOAT FINISH (BRONZE), WET LOCATION WITH INTEGRAL PHOTOCELL	
F01	4' INDUSTRIAL	120	SURFACE/ CHAIN HUNG	LED 1800 LUM MIN	4000K	DIMMING 0-10V	14 VA	SEMI FROSTED ACRYLIC LENS	EATON-METALUX SNLED SERIES COLUMBIA LCL SERIES LITHONIA CLX SERIES H.E. WILLIAMS 75S SERIES	STEEL CHANNEL, WHITE POWDER COAT	
К	SURFACE MOUNT LED WALL PACK	120	SURFACE MOUNTED	LED 2508 LUM MIN	5000K	NA	18 VA	LED WALL PACK EXTERIOR FIXTURE. DIE-CAST ALUMINUM HOUSING. 10 WATT HIGH OUTPUT LED LIGHT ENGINE. WET LOCATION LISTED. BRONZE FINISH. COOL WHITE TEMPERATURE. INTEGRAL PHOTOCELL CONTROL.	RAB WPLED 18 SERIES. PROVIDE \$300 MATERIAL ALLOWANCE.	FLAT WHITE, INTEGRATED PHOTOCELL.	
A. REFER TC B. BRING CO C. PROVIDE I OTHERWIS D. UNLESS A ENGINEEF E. MINIMUM I	ECTRICAL NOTES: O SPECIFICATION SECTIONS 26510 ONFLICTS BETWEEN THE MANUFA LAMPS AND LUMINAIRES FROM TI SE NOTED. A SPECIFIC CATALOG NUMBER OR R FOR APPROVAL AT LEAST 10 DA LUMENS LISTED FOR SOLID STAT TE LUMINAIRE SUBJECT TO ARCH	CTURER'S CA HE SAME MAN SERIES IS NA YS PRIOR TO E LIGHT LUMIN	TALOG NUMBER AND DI UFACTURER TO ENSUR MED, THE MANUFACTU BID DATE. THE ENGINEI VAIRES ARE DELIVERED	ESCRIPTIONS TO THE RE MATCHING COLOF RER'S NAMED ALTER ER MAY REQUEST SA	R AND APP	EARANCE. LAMPS SI UST SUBMIT CATALC LUMINAIRE TO BE SU	HALL HAVE C DG CUT SHEE JPPLIED.	COLOR TEMPERATURE 3500K WIT	METRIC REPORT TO THE		

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SYSTE	MS - VIDEO SUR\
CAMERA	ROOM NAM
FIRST FLOOR	
C 1	CORRIDOR
C 2	
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C 5	CORRIDOR
C 6	CORRIDOR
C 7	CORRIDOR
C 8	LAUNDRY
GENERAL ELE	CTRICAL NOTES:
A. UPON COM	MPLETION, RECALIBRATE CAMER
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ARCHITECT/ENGINEER OF RECORD	STAMP
ANDERSON	I hereby certify that this plan, spec was prepared by me or under my and that I am a duly Licensed Prof under the laws of the State of Mini

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I hereby certify that this plan was prepared by me or unde and that I am a duly Licensed under the laws of the State c	er my direct supervision d Professional Engineer
Name	Curtis D. Barlage, P.
Date 05/22/2020	Reg. No. 45914

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AME	ROOM #	HOUSING TYPE	MOUNTING	NOTES
	CE-2	DOME	CEILING	
		DOME	CEILING	
		DOME	CEILING	
	CE-3	DOME	CEILING	
	CE-3	DOME	CEILING	
	CE-3	DOME	CEILING	
	C1E	DOME	CEILING	
	153	DOME	CEILING	

ERA VIEWS WITH OWNER TO ENSURE DESIRED CONTENT IS CAPTURED.

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Project Title RENOVATE BUILDING 28 FIRST FLOOR EAST RRTP	Project Number 656-19-306	
Location SAINT CLOUD, MN	Building Number	
Phase CONSTRUCTION DOCUMENTS	28	VA
Drawing Title	Drawing Number	
ELECTRICAL SCHEDULES	EE601	
Issue Date MAY 22, 2020Checked CBDrawn BZ		
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NAME: 28-L1-2 ENCLOSURE: NEMA 1 SUPPLY FROM: 28 MSB-1 VOLTAGE: 120/208 MIN. BUS RATIN MOUNTING: SURFACE PHASE: 3 MAIN SIZ **WIRE**: 4 LOCATION: ELECTRICAL ROOM ... MAIN OPTION NOTES TRIP POLES POLES TRIP NOTES СКТ CIRCUIT DESCRIPTION CIRCUIT DESCRIP 
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 1 VENDING MACHINE 1 20 LTS RMS 137, 138, 139, 140 1 20 3 VENDING MACHINE LTS RMS 142, 144, 145, 147 1 20 LTS RMS 149, 151, 153, 154 5 VENDING MACHINE 7 RM 151A EBR-01 LTS RMS 156, 157, 158, 159 20 1 9 RM 154 EBR-01 20 1 LTS RMS 161, 162, 163 11 RM 156A EBR-01 20 1 CORRIDOR EAST 20 1 20 1 13 SPARE LTS RMS 165, 166, NURSE STATIOI 15 SPARE LT RMS 134, 135, 136, 167, 168, 169 17 SPARE 20 1 SPARE 20 1 20 1 19 SPARE SPARE 21 SPARE SPARE 23 SPARE SPARE 20 1 SPARE 25 SPARE 20 1 20 1 SPARE 27 SPARE 29 SPARE SPARE 20 1 20 1 20 1 SPARE 31 SPARE SPARE 33 SPARE 20 1 20 1 35 SPARE SPARE 37 SPARE SPARE 1 20 1 20 39 SPARE 20 1 SPARE 41 SPARE 20 1 SPARE GENERAL NOTES: A. SEE RISER DIAGRAM FOR CALCULATED AVAILABLE FAULT CURRENT. PANELBOARD AND ASSOCIATED DEVICES WITHIN PANELBOARD ASSEMBLY SHALL CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN ON RISER DIAGRAM.

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1. PROVIDE GFCI BREAKER.

NAME: 28 LB-8 SUPPLY FROM: 28 MSB-1 MIN. BUS RATING: 200 A ENCLOSURE: NEMA 1 VOLTAGE: 120/208 MOUNTING: SURFACE **PHASE:** 3 LOCATION: ELECTRICAL ROOM 77 **WIRE**: 4 MAIN OPTIONS: MCB СКТ CIRCUIT DESCRIPTION NOTES TRIP POLES POLES TRIP NOTES CIRCUIT DESCRIPTION 1 ROOM 76 20 1 1 20 OUTLETS RM 76 
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 20 1 3 ROOM 78 OUTLETS RM 76 20 1 5 SPARE ROOM 78 20 1 7 OUTLETS RM 78 ROOM 78 
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 20 1 20 1 9 LIGHTS RM 78 ROOM 78 11 OUTLETS RM 78 ROOM 78 20 1 13 TESTING STATION ROOM 78 20 1 20 1 15 TESTING STATION ROOM 78 17 TESTING STATION SPARE 1 20 1 20 1 20 1 20 20 1 OUTLETS ELEC ROOM 19 SPARE 21 SPARE 20 1 ROOM 78 20 1 23 ELEC/MECH ROOM LIGHTS ROOM 78 
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 ROOM 78 25 SPARE 20 1 20 1 27 SPARE SPARE 20 1 SPARE 29 SPARE 20 1 20 1 SPARE 31 SPARE SPARE 33 SPARE SPARE 20 1 35 SPARE 20 1 20 1 37 SPARE SPARE 39 SPARE SPARE 20 1 1 20 41 SPARE SPARE 1 20 20 1 43 SPARE SPARE 1 20 45 SPARE 20 1 SPARE 47 SPARE 1 20 SPARE 20 1 20 1 1 20 SPARE 49 SPARE 51 SPACE 1 20 SPARE -- - ---- -- --1 20 53 SPACE SPARE --- -- ---- -- --55 SPACE 1 20 SPARE 1 20 SPARE 57 SPACE 
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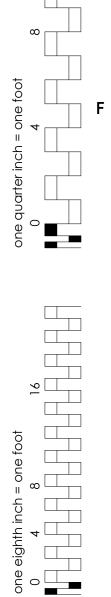
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 -- -- --59 SPACE 61 SPACE 63 SPACE -- -- ---- -- --65 SPACE 67 SPACE 
 ---</tr 69 SPACE 71 SPACE GENERAL NOTES: A. SEE RISER DIAGRAM FOR CALCULATED AVAILABLE FAULT CURRENT. PANELBOARD AND ASSOCIATED DEVICES WITHIN PANELBOARD ASSEMBLY SHALL HAVE A SHORT CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN ON RISER DIAGRAM. NOTES:



		PHONE 612.465.7550 FAX 612.465.75 WEB dunhameng.com
U:\Revit Projects\E		50 South Sixth Street / Suite 1100 Minneapolis, Minnesota 55402-1540
10 BLUG		CONSULTANT



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NG: 200 A IZE: 200 A INS: MCB	
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L HAVE A SHORT	

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ENCLOSURE: NEMA 1 SUPPLY F MOUNTING: SURFACE LOCATION: ELECTRICAL ROOM			28 MSI	B-1		VOLTAGE: 120/208 PHASE: 3 WIRE: 4			MIN. BUS RATING: 200 A MAIN SIZE: 200 A MAIN OPTIONS: MCB	
скт	CIRCUIT DESCRIPTION	NOTES	TRIP	POLES		POLES	TRIP	NOTES	CIRCUIT DESCRIPTION	ск
1	ROOM 137		20	1		1	20		ROOM 157	2
3	ROOM 137 RESTROOM		20	1		1	20		RESTROOM 157	4
5	ROOM 138		20	1		1	20		RESTROOM 158	6
7	ROOM 138 RESTROOM		20	1		1	20		ROOM 158	8
9	ROOM 139 RESTROOM		20	1		1	20		ROOM 159	10
11	ROOM 139		20	1		1	20		ROOM 161 RESTROOM	12
13	ROOM 140		20	1		1	20		ROOM 161	14
15	ROOM 140 RESTROOM		20	1		1	20		ROOM 162	16
17	ROOM 144 RESTROOM		20	1		1	20		ROOM 162 RESTROOM	18
19	ROOM 144		20	1		1	20		ROOM 163 RESTROOM	20
21	ROOM 145		20	1		1	20		ROOM 163	22
23	ROOM 145 RESTROOM		20	1		1	20		HAC ROOM 170	24
25	ROOM 147 RESTROOM		20	1		1	20		ROOM 164	26
27	ROOM 147		20	1		1	20		ROOM 164 TV'S	28
29	NURSE STATION		20	1		1	20		KITCHENETTE ICE MAKER	30
31	NURSE STATION		20	1		1	20		KITCHENETTE GFI	32
33	OFFICE 149		20	1		1	20		KITCHENETTE MICROWAVE	34
35	MED ROOM 150		20	1		1	20		KITCHENETTE BUBBLER/ISLAND RECEPTACLE	36
37	ROOM 151 RESTROOM		20	1		1	20		KITCHENETTE COFFEE BREWER	38
39	ROOM 151		20	1		1	20		OPEN LOUNGE TV	40
41	WASHER 1	1	20	1		1	20		OPEN LOUNGE RECEPTS	42
43						1	20		OPEN LOUNGE RECEPTS	44
45	DRYER 1	1	30	2		1	20		ROOM 160	46
47	WASHER 2	1	20	1		1	20		ROOM 136	48
49						1	20		ROOM 134	50
51	DRYER 2	1	30	2		1	20		BREAKROOM COFFEE BREWER	52
	RESTROOM 154		20	1	-	1	20		BREAKROOM MICROWAVE	54
			-	1						
	RESTROOM 156		20	1		1	20		CORRIDOR RCEPTS NORTH	56
	ROOM 156		20	1		1	20		CORRIDOR RCEPTS SOUTH	58
	ELECTRICAL ROOM 133		20	1		1	20		TRASH ROOM	60

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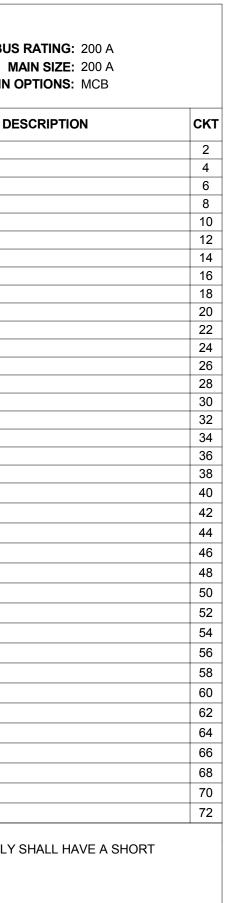
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	ENCLOSURE:NEMA 1SUPPLY FROM:MOUNTING:SURFACELOCATION:FMS STORAGE 82				VOLTAGE: 120/208 PHASE: 3 WIRE: 4			MIN. BUS RATING: MAIN SIZE: MAIN OPTIONS:	
скт	CIRCUIT DESCRIPTION	NOTES	TRIP	POLES	 POLES	TRIP	NOTES	CIRCUIT DESCRIPTION	СК
1									2
3 5	CWPP 28-3	1	20	3	3	30		208V CONDENSER	4
7	SPARE		20	1					8
9	SPARE		20	1	3	20		CWPP 28-2	1
11	SPARE		20	1		20			12
13					1	20		GFS 28-2	14
15	CWPP 28-1		20	3	1	20		SPARE	16
17					1	20		SPARE	18
19	RM 73 RCPT		20	1	0	400			20
21	VESTIBULE 74 RCPT		20	1	2	100		SMOKE SHACK	22
23	SPARE		20	1	2	30		28 CORRIDOR A/C	24
25	SPARE		20	2	2	- 30			26
27			20	2	2	30		28 CORRIDOR A/C	28
29	SPARE		15	2					30
31								SPACE	32
33								SPACE	34
35	SPARE		60	3				SPACE	36
37								SPACE	38
39	SPACE							SPACE	40
41	SPACE SENERAL NOTES:				 			SPACE	42



e laws of the State o	f Minnesota.
2	Curtis D. Barlage, P.E.
05/22/2020	Reg. No. 45914

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Date

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Number

	ENCLOSURE: NEMA 1 SUPPI MOUNTING: SURFACE LOCATION: ELECTRICAL ROOM	_Y FROM:	28-EC	DP		TAGE: PHASE: WIRE:	-	MIN. BUS RATING: 100 A MAIN SIZE: 100 A MAIN OPTIONS: MCB	
скт	CIRCUIT DESCRIPTION	NOTES	TRIP	POLES	 POLES	TRIP	NOTES	CIRCUIT DESCRIPTION	СК
1	RMS 133, 150 & NURSE STATION		20	1	 1	20	NU	IRSE CALL PANEL	2
3	BREAKROOM FRIDGE	1	20	1	 1	20	SE	CURITY PANEL	4
5	ROOM 136		20	1	 1	20	RC	OOM 164	6
7	DA_R ELECTRICAL ROOM 133		20	1	 1	20	1 KIT	CHENETTE FRIDGE	8
9	SPARE		20	1	 1	20	1 KII	CHENETTE ISLAND FRIDGE	10
11	SPARE		20	1	 1	20	ST	ORAGE FRIDGE RM 160	12
13	SPARE		20	1	 1	20	NU	IRSE STATION/ROOM 149 COMP.	14
15	SPARE		20	1	 1	20	NU	IRSE STATION	16
17	SPARE		20	1	 1	20	RC	OOM 149	18
19	SPARE		20	1	 1	20	1 RC	OOM 150 FRIDGE	20
21	SPARE		20	1	 1	20	1 RC	DOM 150	22
23	SPARE		20	1	 1	20	SP	ARE	24
25	SPARE		20	1	 1	20	SP	ARE	26
27	SPARE		20	1	 1	20	SP	ARE	28
29	SPARE		20	1	 1	20	SP	ARE	30
31	SPARE		20	1	 1	20	SP	ARE	32
33	SPARE		20	1	 1	20	SP	ARE	34
35	SPARE		20	1	 1	20	SP	ARE	36
37	SPARE		20	1	 1	20	SP	ARE	38
39	SPARE		20	1	 1	20	SP	ARE	40
41	SPARE		20	1	 1	20	SP	ARE	42

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Issue Date MAY 22, 2020	Checked CB	Drawn BZ		
ELECTRICAL	SCHEDULE	S	EE602	
Drawing Title			Drawing Number	
Phase <sub>CONS</sub>	TRUCTION DOC	UMENTS	28	VA
Location	SAINT CLOUD, N	/N	Building Number	
-	BUILDING 28 R EAST RRTI	5	Project Number 656-19-306	

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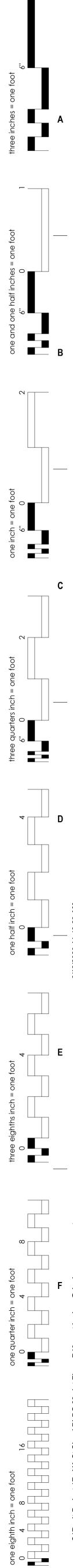
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ENCLOSURE: NEMA 1 MOUNTING: LOCATION: ELECTRICAL ROOM 77		VOLTAGE: 120/208 PHASE: 3 WIRE: 4	PHASE: 3 MAIN OCPD TYPE		<b>(PE:</b> MCB		JM BUS SIZE: 2000 A MAIN SIZE: 2000 A AIN SETTING:	MAIN SIZE: 2000 A	
СКТ	CIRCUIT DESC	CRIPTION	# OF POLES	OCPD FRAME SIZE	TRIP RATING	OCPD TYPE	OCPD OPTIONS	NC	
1	28 LB-9		3	600	200				
2	28 L2-4		3		250				
3	28 L2-1		3		250				
4	28 L2-2		3		250				
5	28 L2-3		3		250				
6	28 LB-8		3	400	250				
7	SPARE		3		100				
8	SPACE								
9	28-L1-2		3	400	250				
10	28-L1-3		3	400	250				
11	CH-01		3	1000	1000				
12	28-LA-DP		3	600	600				
13	FC 28-1		3	60	50				
14	SPACE								
15	SPACE								
16	SPACE								
17	SPACE								
18	SPACE								
19	SPACE								
20	SPACE								

GENERAL NOTES:

A. SEE RISER DIAGRAM FOR CALCULATED AVAILABLE FAULT CURRENT. EQUIPMENT SHALL HAVE STANDARD SHORT-CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN ON RISER DIAGRAM. NOTES:

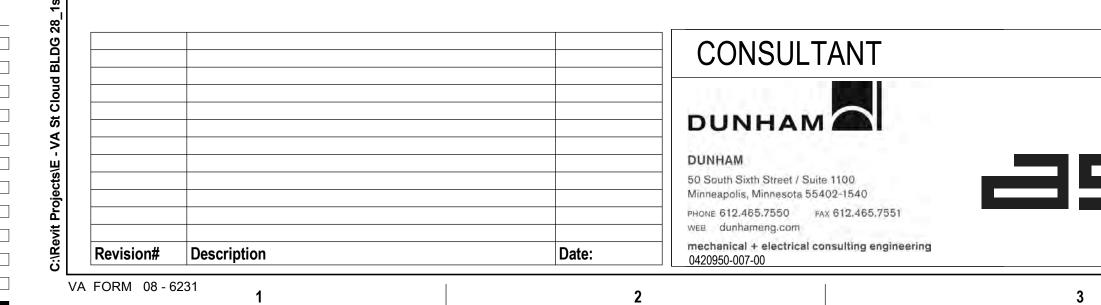


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	ENCLOSURE:       NEMA 1       SUPPLY FROM:         MOUNTING:       SURFACE         LOCATION:       Space 49				VOLTAGE: 120/208 PHASE: 3 WIRE: 4			MIN. BUS RATING: 100 A MAIN SIZE: 100 A MAIN OPTIONS:	
скт	CIRCUIT DESCRIPTION	NOTES	TRIP	POLES	 POLES	TRIP	NOTES	CIRCUIT DESCRIPTION	СК
1 EX	STING		20	1	1	20		EXISTING	2
3 EX	STING		20	1	1	20		EXISTING	4
5 EX	STING		20	1	1	20		EXISTING	6
7 EX	STING		20	1	1	20		EXISTING	8
9 EX	STING		20	1	1	20		EXISTING	10
11 EX	STING		20	1	1	20		EXISTING	12
13 EX	STING		20	1	1	20		EXISTING	14
15 SP/	ARE		20	1	1	20		EXISTING	16
17 EX	STING		20	1	1	20		EXISTING	18
19 SP/	ARE		20	1	1	20		EXISTING	20
21 SP/	ARE		20	1	1	20		EXISTING	22
23 SP/	ARE		20	1	1	20		EXISTING	24
25 SP/	ACE							SPACE	26
27 SP/	ACE							SPACE	28
29 SP/	ACE							SPACE	30
31 SP/	ACE							SPACE	32
33 SP/	ACE							SPACE	34
35 SP/	ACE							SPACE	36
37 SP/	ACE								38
39 SP/	ACE				3	50		28-LS-1-2	40
41 SP	ACE								42
A. S	ERAL NOTES: EE RISER DIAGRAM FOR CALCULATED AVAIL/ IRCUIT CURRENT RATING HIGHER THAN THE					DEVIC	ES WITH	IN PANELBOARD ASSEMBLY SHALL HAVE A SHORT	



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### NAME: 28-LA-DP

VOLTAGE: 120/208 ENCLOSURE: NEMA 1 SUPPLY FROM: 28 MSB-1 MOUNTING: SURFACE **PHASE:** 3 LOCATION: **WIRE**: 4 NOTES TRIP POLES POLES TRIP NOTES СКТ **CIRCUIT DESCRIPTION** 35 3 3 AHU 28-1A,1B 3 35 50 3 9 AHU 28-1C,1D,1E,1F 3 50 11 35 3 15 AHU 28-2A,2B 3 35 50 3 21 AHU 28-2C,2D,2E,2F 3 50 
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 35 SPACE 37 SPACE

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### 41 SPACE GENERAL NOTES:

39 SPACE

A. SEE RISER DIAGRAM FOR CALCULATED AVAILABLE FAULT CURRENT. PANELBOARD AND ASSOCIATED DEVICES WITHIN PANELBO CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN ON RISER DIAGRAM. NOTES: 1

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### NAME: 28-LS1-2 SUPPLY FROM: 28-LS-1 ENCLOSURE: NEMA 1 VOLTAGE: 120/208 MOUNTING: SURFACE **PHASE:** 3 LOCATION: ELECTRICAL ROOM ... **WIRE**: 4 NOTES TRIP POLES POLES TRIP NOTES СКТ **CIRCUIT DESCRIPTION** 20 1 1 LIGHTS ROOMS 76, 78, 79 1ST FLR EAST LIGHTS & EXITS GENERAL NOTES: A. SEE RISER DIAGRAM FOR CALCULATED AVAILABLE FAULT CURRENT. PANELBOARD AND ASSOCIATED DEVICES WITHIN PANELBOARD ASSEMBLY SHALL HAVE A SHORT CIRCUIT CURRENT RATING HIGHER THAN THE CALCULATED VALUE SHOWN ON RISER DIAGRAM. NOTES: 4

ARCHITECT/ENGINEER OF RECORD	STAMP	
ANDERSON	I hereby certify that this plar was prepared by me or und and that I am a duly License under the laws of the State o	er my direct supervision d Professional Engineer
13605 1st Ave. N. #100 Plymouth, MN 55441 P 763.412.4000   F 763.412.4090   ae-mn.com	Name	Curtis D. Barlage, P.
Anderson Engineering of Minnesota, LLC   Proj # Project Number	Date 05/22/2020	Reg. No. 45914
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	MAIN OPTIONS: MCB	
;	CIRCUIT DESCRIPTION	СКТ
		2
	AHU 28-3A,3B	4
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		8
	AHU 28-3C,3D,3E,3F	10
		12
		14
	AHU 28-4A,4B	16
		18
		20 22
	AHU 28-4C,4D,4E,4F	22
	UH 3-01	24
	UN 3-02	20
_	UN 3-03	30
_	UN 3-04	32
_	UN 3-05	34
_	UN 3-06	36
	SPACE	38
	SPACE	40
1	SPACE	42

	ENCLOSURE:NEMA 1SUPPLY FROMMOUNTING:SURFACELOCATION:ELECTRICAL 68			VOLTAGE: 120/208 PHASE: 3 WIRE: 4			PHASE:	3	MIN. BUS RATING: MAIN SIZE: MAIN OPTIONS:	
скт	CIRCUIT DESCRIPTION	NOTES	TRIP	POLES		POLES	TRIP	NOTES	CIRCUIT DESCRIPTION	скт
	28-EC-1		200	3	- 	2	20		SPARE	2
5 7						2	20		SPARE	6 8
	NORTH ELEVATOR		200	3	- 	3	100		28 CR-2	10 12
13	SPARE		20	1	]					14
15	SPARE		20	1						16
17	SPARE		20	1		3	100		28 CR-B	18
19	SPARE		20	1						20
21	SPARE		20	1						22
23	SPARE		20	1		3	100	1	28-EC1-2	24
25	SPARE		20	1						26
27	SPARE		20	1	·· ··	1	20		SPARE	28
29						1	20		SPARE	30
31	SEWER PUMP		125	3		1	20		SPARE	32
33					·· ·· ··	1	20		SPARE	34
35	PROTECTION					1	20		SPARE	36
37						1	20		SPARE	38
39	SERVICE DISCONNECT		400	3		1	20		SPARE	40
41						1	20		SPARE	42
A N	ENERAL NOTES: SEE RISER DIAGRAM FOR CALCULATED AVAILABLE F CIRCUIT CURRENT RATING HIGHER THAN THE CALCU OTES: PROVIDE NEW SQUARE D BREAKER. EXISTING PANE	JLATED V	ALUE SI	HOWN OF	N RISER DIAGR		) DEVIC	ES WITH	IN PANELBOARD ASSEMBLY SHALL HAVE A SHORT	

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# MIN. BUS RATING: 100 A MAIN SIZE: 50 A MAIN OPTIONS: MCB CIRCUIT DESCRIPTION СКТ

8			9	
Issue Date MAY 22, 2020	Checked	Drawn		
ELECTRICAL		S	EE603	
Drawing Title			Drawing Number	
Phase <sub>CONS</sub>	TRUCTION DOC	UMENTS	28	VA
Location	SAINT CLOUD, I	MN	Building Number	
-	BUILDING 28 R EAST RRT		Project Number 656-19-306	

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