LIFE SAFETY SYMBOL LEGEND

FE ●	BRACKET–MOUNTED FIRE EXTINGUISHER
FEC ■	SEMI–RECESSED CABINET AND FIRE EXTINGUISHER

NOTE:
FIRE EXTINGUISHER CABINETS PROVIDED AND INSTALLED BY GC.
FIRE EXTIGUISHERS.PROVIDED BY THE VA

FIRE EXTINGUISHER GENERAL NOTES:

1. FIRE EXTINGUISHERS, CABINETS AND WALL BRACKETS ARE PROVIDE BY THE VA.
2. FIRE EXTINGUISHERS TO BE LOCATED WITHIN 75'–0"OF EACH OTHER.
3. FINAL QUANTITY AND LOCATIONS OF FIRE EXTINGUISHERS TO BE DETERMINED BY THE VA

⧗	EXIT SIGN
EXIT	HORIZONTAL EXIT
←– –●	EGRESS PATH

RATE WALL ASSEMBLY LEGEND

RATED WALL ASSEMBLY TYPES

◆F	FIRE RESISTIVE RATED, 1 HOUR
◆◆F	FIRE RESISTIVE RATED, 2 HOUR
◆S	FIRE–RATED, SMOKE BARRIER, 1 HOUR
◆◆S	FIRE–RATED, SMOKE BARRIER, 2 HOUR
◆30	FIRE–RATED, SMOKE BARRIER, 30 MIN
◆SW	NON–RATED, SUITE, (SMOKE RESISTIVE)
◆SR	NON–RATED SMOKE RESISTIVE

NOTE:
ALL SYMBOLS MAY NOT BE USED
EXISTING RATED WALLS SHOWN AS HALF–TONE

RATED WALL ASSEMBLY NOTES:

1. REFER TO SHEET AE701 "PARTITION TYPE" FOR ADDITIONAL INFORMATION ON WALL ASSEMBLY

BUILDING CODE AND GUILDLINES

VA FIRE PHYSICAL SECURITY DESIGN MANUAL, JANUARY 2015
VA FIRE PROTECTION DESIGN MANUAL, 6TH EDITION, 2011
INTERNATIONAL BUILDING CODE (FOR HEIGHT AND AREA INFORMATION ONLY)
NFPA 101, LIFE SAFETY CODE, 2015
NFPA 1, FIRE CODE, 2015
NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2013
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NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013
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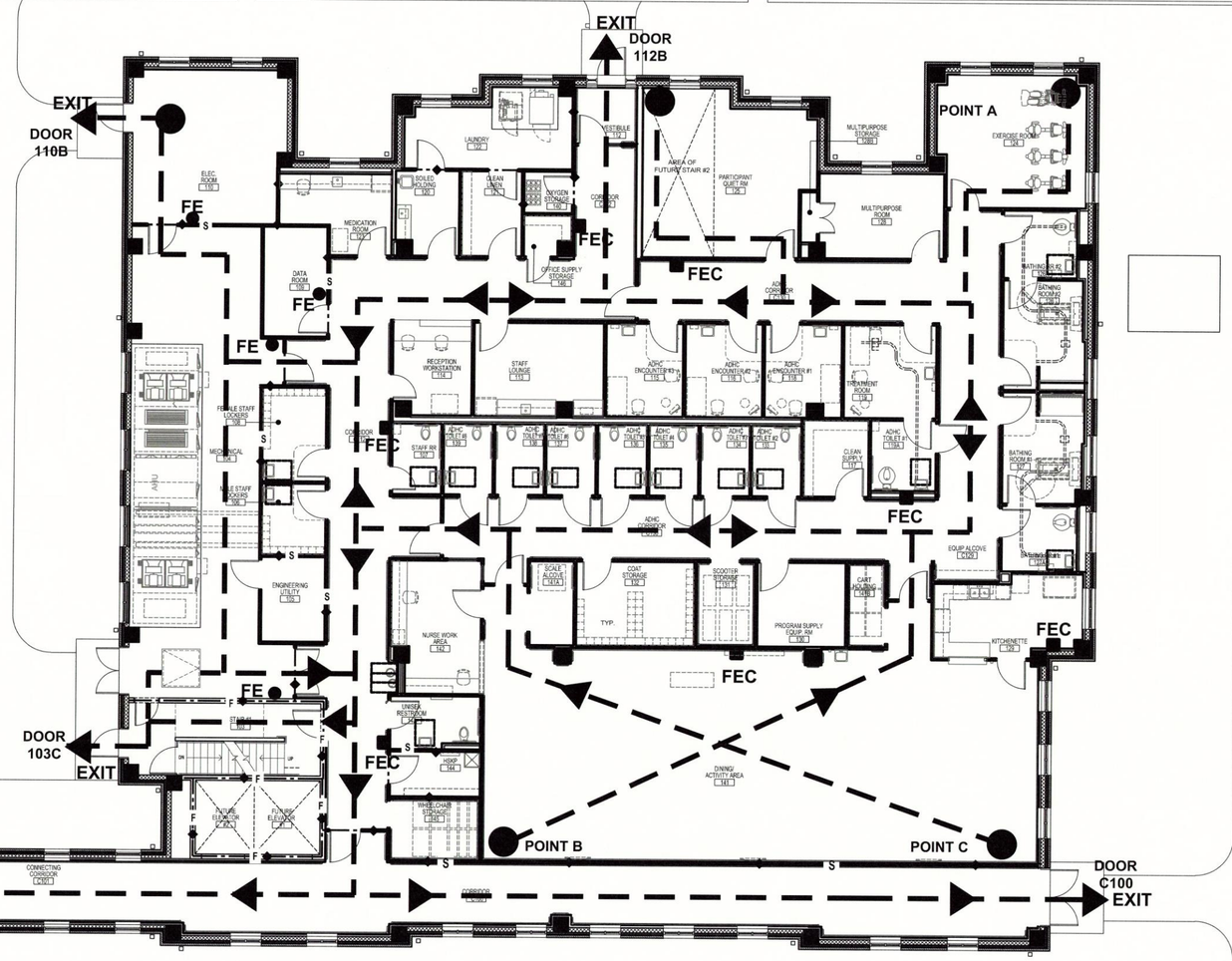
NFPA 80, STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2013
NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2013
NATIONAL STANDARD PLUMBING CODE (NSPC)
OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)
ASHRAE/IESNA STANDARD 90.1 – 2007 ENERGY STANDARD, APPENDIX G

BUILDING CONTRUCTION

OCCUPANCY CLASSIFICATION	B (BUSINESS)
CONSTRUCTION TYPE	1B
FIRE PROTECTION	FULLY SPRINKLED
LEVELS	ONE + BASEMENT
BUILDING AREA (GSF)	
GROUND LEVE	15,542.9 GSF
BASEMENT LEVEL	1,147.8 GSF
(EXCLUDING CRAWL SPACE)	
TOTAL	16,690.7 GSF
BEARING EXTERIOR WALLS (FIRE RESISTANCE RATING)	REINFORCED 8" NOMINAL CMU 1 HOUR
NON–BEARING EXTERIOR WALLS (FIRE RESISTANCE RATING)	REINFORCED 8"NOMINAL CMU 1 HOUR
STRUCTURAL FRAMING (FIRE RESISTANCE RATING)	REINFORCED CONCRETE COLUMNS & BEAMS 2 HOUR
FLOOR CONSTRUCTION (FIRE RESISTANCE RATING)	8" HOLLOW CORE CONCRETE PLANKS 1 HOUR
ROOF SLAB CONSTRUCTION (FIRE RESISTANCE RATING)	8" HOLLOW CORE CONCRETE PLANKS 1 HOUR



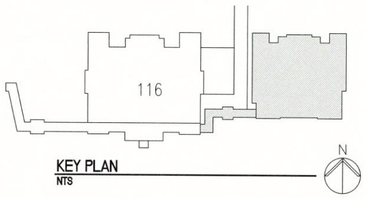
F1 FIRST FLOOR LIFE SAFETY PLAN
1/8" = 1'-0"

OCCUPANCY COUNT

BUILDING OCCUPANCY CLASSIFICATION	B (BUSINESS)	
BUILDING AREA (GSF)		
GROUND LEVEL	15,542.9 GSF	
BASEMENT LEVEL	1,147.8 GSF	
(EXCLUDING CRAWL SPACE)		
TOTAL	16,690.7 GSF	
CIRCULATION (00 GSF/PERSON)	ADHC CORRIDORS, ELEVATOR SHAFTS, STAIR #1, VESTIBULE, CONNECTOR CORRIDOR TOTAL (5,482.8 GSF GSF/00)	= 00
RESTROOMS (00 GSF/PERSON)	BATHING ROOMS, BATHING ROOMS, ADHC TOILETS, UNISEX AND STAFF RRS TOTAL (1,266.9 GSF/00)	= 00
(200 GSF/PERSON)	KITCHENETTE TOTAL (234.6 GSF/200)	= 01
(15 GSF/PERSON)	DINING/ACTIVITY, STAFF LOUNGE, MULTIPURPOSE ROOM, FEMALE & MALE LOCKERS, TOTAL (3,343.2 GSF /15)	= 222
(50 GSF/PERSON)	EXERCISE ROOM TOTAL (556.8 GSF /50)	= 11
(100 GSF/PERSON)	NURSE WORK AREA & WORKSTATION TOTAL (322.0 GSF /100)	= 03
(100 GSF/PERSON)	ADHC ENCOUNTER ROOMS & TREATMENT ROOM TOTAL (568.3 GSF /100)	= 05
(300 GSF/PERSON)	MECHANICAL, ENGINEERING UTILITY, DATA ROOM, ELEVATOR EQUIP, ELEC & EM ELEC ROOMS, OXYGEN STORAGE TOTAL (4,966.4 GSF /300)	= 15
	MAX . OCCUPANCY LOAD	= 257

MEANS OF EGRESS

NO. OF EXITS PROVIDED	
GROUND LEVEL	07
BASEMENT LEVEL	01
EXIT WIDTH REQUIRED (257 OCC X 0.2)	51.4"
EXIT WIDTH (CLEAR) PROVIDED	
DOOR C100	84" (EGRESS CAPACITY = 420 PEOPLE)
DOOR C101A	42" (EGRESS CAPACITY = 210 PEOPLE)
DOOR C101B	42" (EGRESS CAPACITY = 210 PEOPLE)
DOOR 103C	84" (EGRESS CAPACITY = 420 PEOPLE)
DOOR 110B	42" (EGRESS CAPACITY = 210 PEOPLE
DOOR 111B	42" (EGRESS CAPACITY = 210 PEOPLE)
DOOR 112B	42" (EGRESS CAPACITY = 210 PEOPLE)
TOTAL WIDTH PROVIDED	378"
MAXIMUM TRAVEL DISTANCE	300'–0" SPRINKLED (B OCCUPANCY)
(PER IBC TABLE 1006.2.4)	
REMOTENESS DISTANCES (DISTANCE ROUNDED OFF TO NEAREST INCH)	
POINT A TO EGRESS DOOR 101A	270'–1"
POINT A TO EGRESS DOOR 112B	117'–6"
POINT B TO EGRESS DOOR 101A	119'–6"
POINT B TO EGRESS DOOR 112B	191'–1"
POINT C TO EGRESS DOOR 101A	166'–9"
POINT C TO EGRESS DOOR 112B	199'–6"



KEY PLAN
NTS

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

CONSULTANTS:	
ARCHITECT/ENGINEERS:	paradigm Architecture | Engineering | Design-Build 200 Envoy Circle #201, Louisville KY 40299 – PH: 502.339.8511 – www.paradigmusa.com
BLAINE CAMIEL VAN GANSBEKE 34,788 LICENSED PROFESSIONAL ENGINEER STATE OF KENTUCKY	21 May 2020
Drawing Title	FIRST FLOOR LIFE SAFETY PLAN
Approved Project Director	
Project Title	ST CLOUD ADH AND EC SUPPORT
Location	ST CLOUD VA HEALTH CARE SYSTEM 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date	12-27-2019
Checked	TMB
Drawn	TMB
Project Number	656-343
Building Number	---
Drawing Number	AE001
	Office of Construction and Facilities Management Department of Veterans Affairs

Revisions	Date
⚠1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

VA FORM 08–6231

LIFE SAFETY SYMBOL LEGEND

FE ●	BRACKET–MOUNTED FIRE EXTINGUISHER
FEC ■	SEMI–RECESSED CABINET AND FIRE EXTINGUISHER

NOTE:
FIRE EXTINGUISHER CABINETS PROVIDED AND INSTALLED BY GC.
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3. FINAL QUANTITY AND LOCATIONS OF FIRE EXTINGUISHERS TO BE DETERMINED BY THE VA

EXIT	EXIT SIGN
EXIT	HORIZONTAL EXIT
	EGRESS PATH

RATE WALL ASSEMBLY LEGEND

RATED WALL ASSEMBLY TYPES

F	FIRE RESISTIVE RATED, 1 HOUR
F F	FIRE RESISTIVE RATED, 2 HOUR
S	FIRE–RATED, SMOKE BARRIER, 1 HOUR
S S	FIRE–RATED, SMOKE BARRIER, 2 HOUR
30	FIRE–RATED, SMOKE BARRIER, 30 MIN
SW	NON–RATED, SUITE, (SMOKE RESISTIVE)
SR	NON–RATED SMOKE RESISTIVE

NOTE:
ALL SYMBOLS MAY NOT BE USED
EXISTING RATED WALLS SHOWN AS HALF–TONE

RATED WALL ASSEMBLY NOTES:

1. REFER TO SHEET AE701 "PARTITION TYPE" FOR ADDITIONAL INFORMATION ON WALL ASSEMBLY

BUILDING CODE AND GUILDLINES

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NFPA 80, STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2013
NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS, 2013
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OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)
ASHRAE/IESNA STANDARD 90.1 – 2007 ENERGY STANDARD, APPENDIX G

BUILDING CONTRUCTION

OCCUPANCY CLASSIFICATION	B (BUSINESS)
CONSTRUCTION TYPE	1B
FIRE PROTECTION	FULLY SPRINKLED
LEVELS	ONE + BASEMENT
BUILDING AREA (GSF) GROUND LEVE BASEMENT LEVEL (EXCLUDING CRAWL SPACE) TOTAL	 15,542.9 GSF 1,147.8 GSF 16,690.7 GSF
BEARING EXTERIOR WALLS (FIRE RESISTANCE RATING)	REINFORCED 8" NOMINAL CMU 1 HOUR
NON–BEARING EXTERIOR WALLS (FIRE RESISTANCE RATING)	REINFORCED 8"NOMINAL CMU 1 HOUR
STRUCTURAL FRAMING (FIRE RESISTANCE RATING)	REINFORCED CONCRETE COLUMNS & BEAMS 2 HOUR
FLOOR CONSTRUCTION (FIRE RESISTANCE RATING)	8" HOLLOW CORE CONCRETE PLANKS 1 HOUR
ROOF SLAB CONSTRUCTION (FIRE RESISTANCE RATING)	8" HOLLOW CORE CONCRETE PLANKS 1 HOUR

OCCUPANCY COUNT

BUILDING OCCUPANCY CLASSIFICATION	B (BUSINESS)	
BUILDING AREA (GSF) GROUND LEVEL BASEMENT LEVEL (EXCLUDING CRAWL SPACE) TOTAL	 15,542.9 GSF 1,147.8 GSF 16,690.7 GSF	
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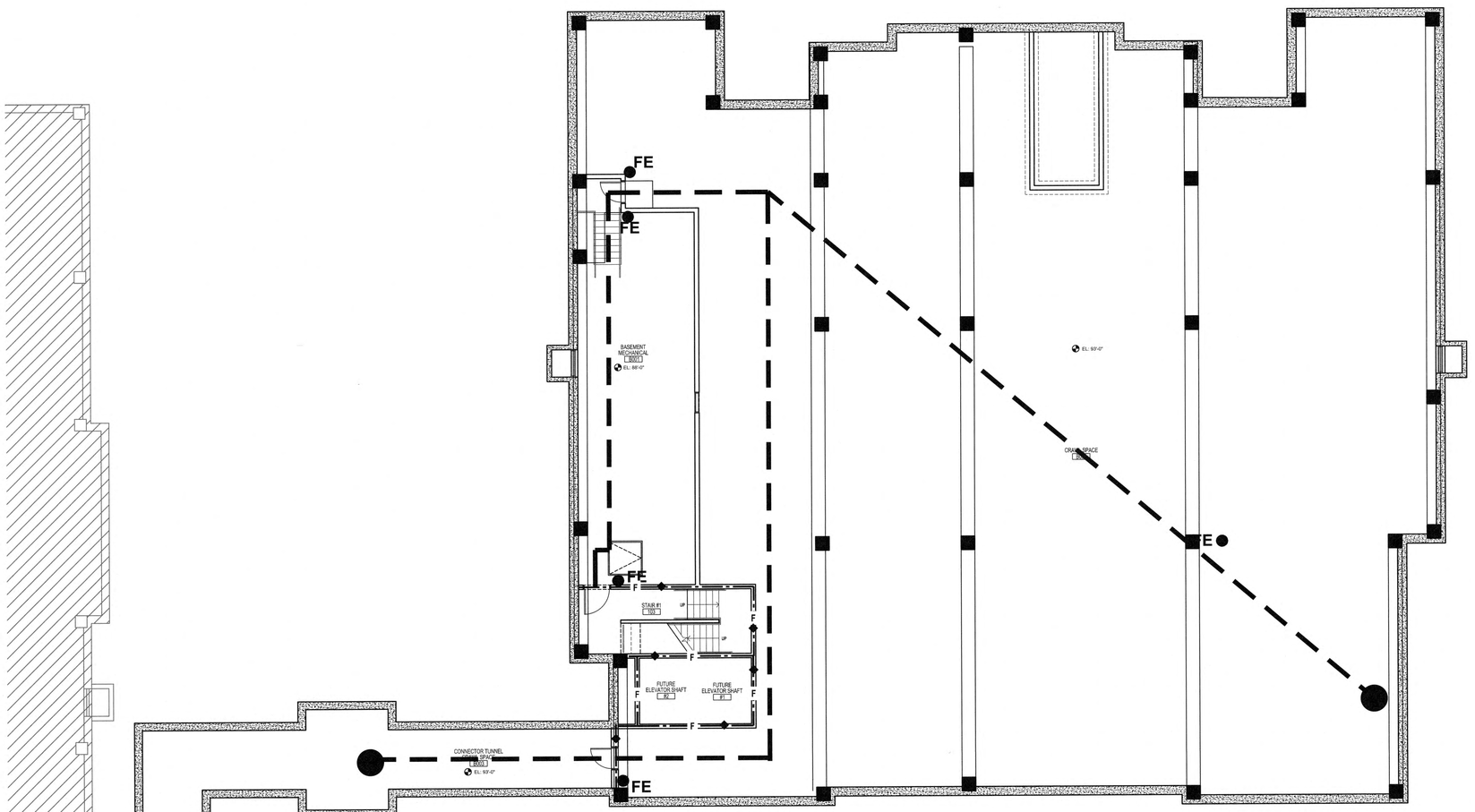
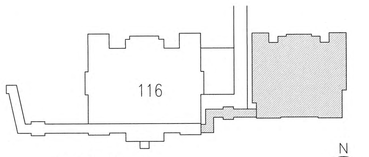
RESTROOMS (00 GSF/PERSON)	BATHING ROOMS, BATHING ROOMS, ADHC TOILETS, UNISEX AND STAFF RRS TOTAL (1,266.9 GSF/00)	= 00
(200 GSF/PERSON)	KITCHENETTE TOTAL (234.6 GSF/200)	= 01
(15 GSF/PERSON)	DINING/ACTIVITY, STAFF LOUNGE, MULTIPURPOSE ROOM, FEMALE & MALE LOCKERS, TOTAL (3,343.2 GSF /15)	= 222
(50 GSF/PERSON)	EXERCISE ROOM TOTAL (556.8 GSF /50)	= 11
(100 GSF/PERSON)	NURSE WORK AREA & WORKSTATION TOTAL (322.0 GSF /100)	= 03
(100 GSF/PERSON)	ADHC ENCOUNTER ROOMS & TREATMENT ROOM TOTAL (568.3 GSF /100)	= 05
(300 GSF/PERSON)	MECHANICAL, ENGINEERING UTILITY, DATA ROOM, ELEVATOR EQUIP, ELEC & EM ELEC ROOMS, OXYGEN STORAGE TOTAL (4,966.4 GSF /300)	= 15
	MAX . OCCUPANCY LOAD	= 257

MEANS OF EGRESS

NO. OF EXITS PROVIDED GROUND LEVEL BASEMENT LEVEL	 07 01
EXIT WIDTH REQUIRED (257 OCC X 0.2)	51.4"
EXIT WIDTH (CLEAR) PROVIDED DOOR C100 DOOR C101A DOOR C101B DOOR 103C DOOR 110B DOOR 111B DOOR 112B TOTAL WIDTH PROVIDED	 84" (EGRESS CAPACITY = 420 PEOPLE) 42" (EGRESS CAPACITY = 210 PEOPLE) 42" (EGRESS CAPACITY = 210 PEOPLE) 84" (EGRESS CAPACITY = 420 PEOPLE) 42" (EGRESS CAPACITY = 210 PEOPLE 42" (EGRESS CAPACITY = 210 PEOPLE) 42" (EGRESS CAPACITY = 210 PEOPLE) 378"
MAXIMUM TRAVEL DISTANCE	300'–0" SPRINKLED (B OCCUPANCY)
(PER IBC TABLE 1006.2.4)	
REMOTENESS DISTANCES (DISTANCE ROUNDED OFF TO NEAREST INCH)	
POINT A TO EGRESS DOOR 101A POINT A TO EGRESS DOOR 112B	270'–1" 117'–6"
POINT B TO EGRESS DOOR 101A POINT B TO EGRESS DOOR 112B	119'–6" 191'–1"
POINT C TO EGRESS DOOR 101A POINT C TO EGRESS DOOR 112B	166'–9" 199'–6"



F1 BASEMENT LIFE SAFETY PLAN
1/8" = 1'-0"



KEY PLAN
NTS

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions	Date
⚠1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

ARCHITECT/ENGINEERS:

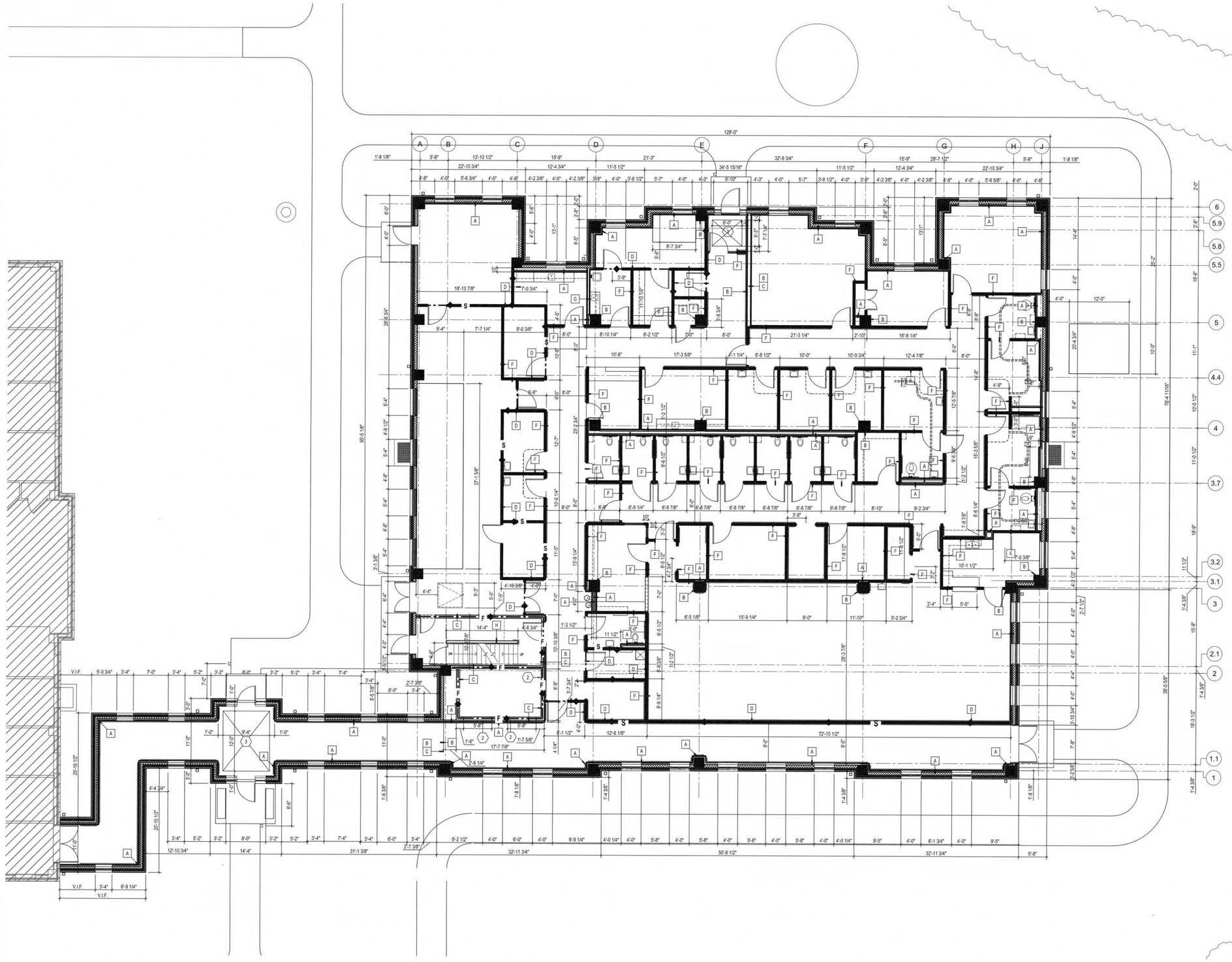
paradigm
Architecture | Engineering | Design-Build
200 Envoy Circle #201, Louisville KY 40299 – PH: 502.339.8511 – www.paradigmusa.com

STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,788
LICENSED
PROFESSIONAL ENGINEER
7/7/2020

Drawing Title: BASEMENT LIFE SAFETY PLAN
Approved Project Director:
Project Title: ST CLOUD ADH AND EC SUPPORT
Location: ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date: 12-27-2019 | Checked: TMB | Drawn: TMB
Project Number: 656-343
Building Number: ---
Drawing Number: ⚠1 AE002

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



DIMENSION PLAN SYMBOLS

SB	FIRE–RATED, SMOKE BARRIER LINE, 1 HOUR
FB	FIRE–RATED, FIRE BARRIER LINE, 1 HOUR
A	PARTITION WALL ASSEMBLY (REFER TO SHEET AE7.01 FOR ADDITIONAL INFORMATION)

DIMENSION PLAN CODED NOTED

1. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE DOOR (DOOR SIZE: 3'–0" X 7'–0", FRAME 2" JAMBS AND 4" HEADER)
2. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE ELEVATOR DOOR FRAME (OPENING HEIGHT; 7'–4", OPENING WIDTH: AS NOTED ON PLANS.
3. RECESSED CONCRETE SLAB 7/16" FOR RECESSED WALK–OFF MAT. CONTRACTOR TO COORDINATE RECESSED DEPTH WITH SELECTED FLOORING PRIOR TO POURING SLAB.

BUILDING CODE AND GUILDLINES

VA FIRE PHYSICAL SECURITY DESIGN MANUAL, JANUARY 2015

VA FIRE PROTECTION DESIGN MANUAL, 6TH EDITION, 2011

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NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013

NFPA 90A, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS, 2015

NFPA 80, STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2013

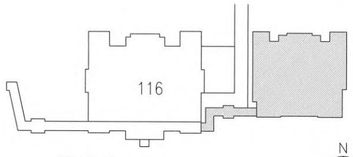
NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION,AND DEMOLITION OPERATIONS, 2013

NATIONAL STANDARD PLUMBING CODE (NSPC)

OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS

UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)

ASHRAE/IESNA STANDARD 90.1 – 2007 ENERGY STANDARD, APPENDIX G



KEY PLAN
NTS

F1 FIRST FLOOR DIMENSION PLAN UNLESS OTHERWISE NOTED ON PLAN - ALL INTERIOR PARTITIONS ARE TYPE G
1/8" = 1'-0"

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions	Date
1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

ARCHITECT/ENGINEERS:

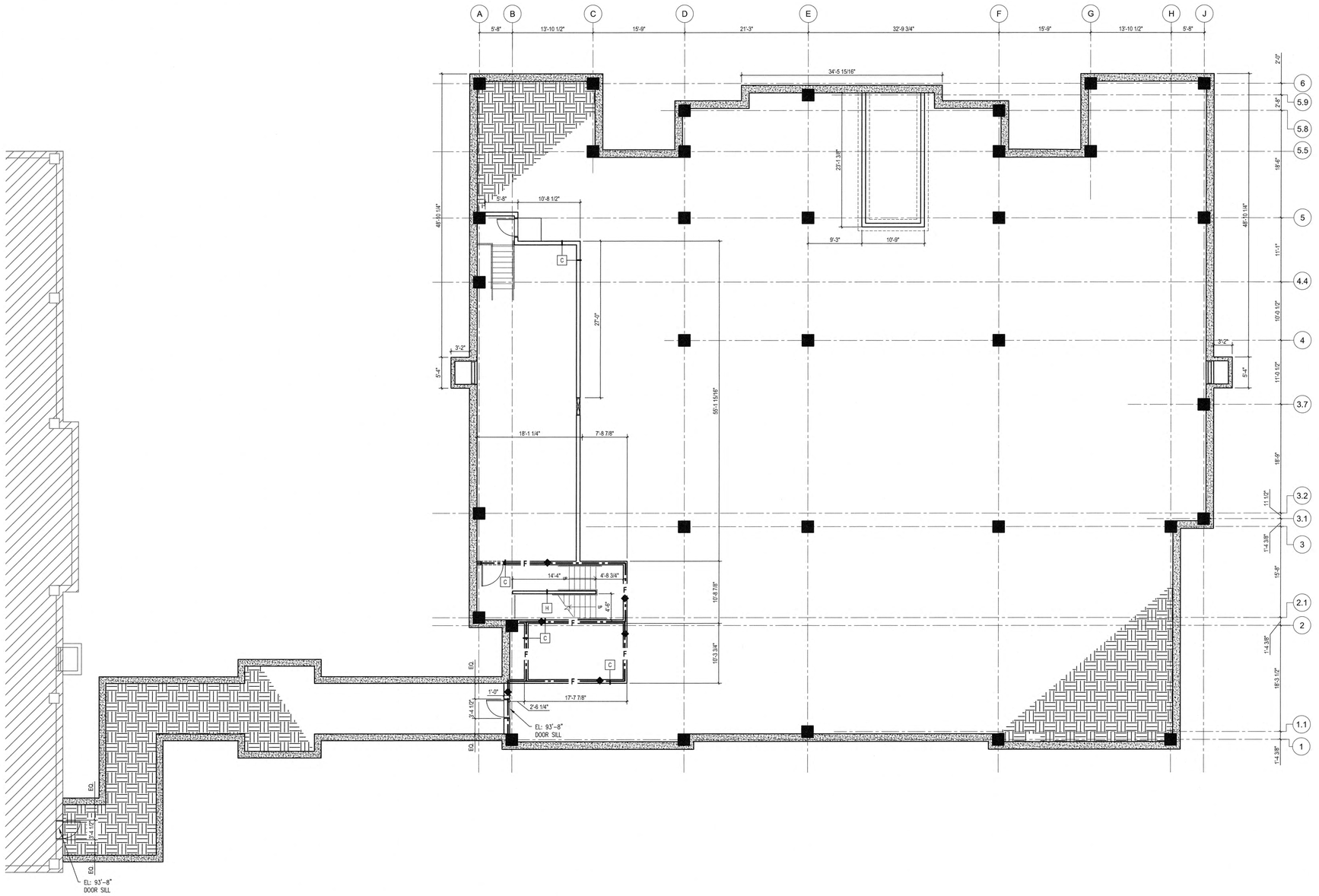
paradigm
Architecture | Engineering | Design-Build
200 Envoy Circle #201, Louisville KY 40299 – PH: 502.339.8511 – www.paradigmusa.com

STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,788
LICENSED PROFESSIONAL ENGINEER
27 May 2020

Drawing Title	FIRST FLOOR DIMENSION PLAN
Approved Project Director	
Project Title	ST CLOUD ADH AND EC SUPPORT
Location	ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date	12-27-2019
Checked	TMB
Drawn	TMB
Project Number	656-343
Building Number	---
Drawing Number	AE101

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



DIMENSION PLAN SYMBOLS

- SB — FIRE–RATED, SMOKE BARRIER LINE, 1 HOUR
- FB — FIRE–RATED, FIRE BARRIER LINE, 1 HOUR
- A — PARTITION WALL ASSEMBLY (REFER TO SHEET AE7.01 FOR ADDITIONAL INFORMATION)

DIMENSION PLAN CODED NOTED

1. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE DOOR (DOOR SIZE: 3'–0" X 7'–0", FRAME 2" JAMBS AND 4" HEADER)
2. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE ELEVATOR DOOR FRAME (OPENING HEIGHT; 7'–4", OPENING WIDTH: AS NOTED ON PLANS.
3. RECESSED CONCRETE SLAB 7/16" FOR RECESSED WALK–OFF MAT. CONTRACTOR TO COORDINATE RECESSED DEPTH WITH SELECTED FLOORING PRIOR TO POURING SLAB.

BUILDING CODE AND GUILDLINES

VA FIRE PHYSICAL SECURITY DESIGN MANUAL, JANUARY 2015

VA FIRE PROTECTION DESIGN MANUAL, 6TH EDITION, 2011

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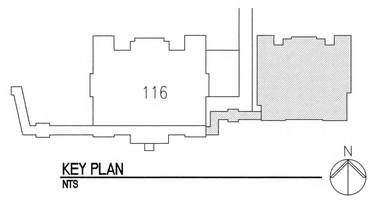
UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)

ASHRAE/IESNA STANDARD 90.1 – 2007 ENERGY STANDARD, APPENDIX G



KEY PLAN
NTS

F1 BASEMENT DIMENSION FLOOR PLAN
1/8" = 1'-0"

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions	Date
1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

ARCHITECT/ENGINEERS:

paradigm
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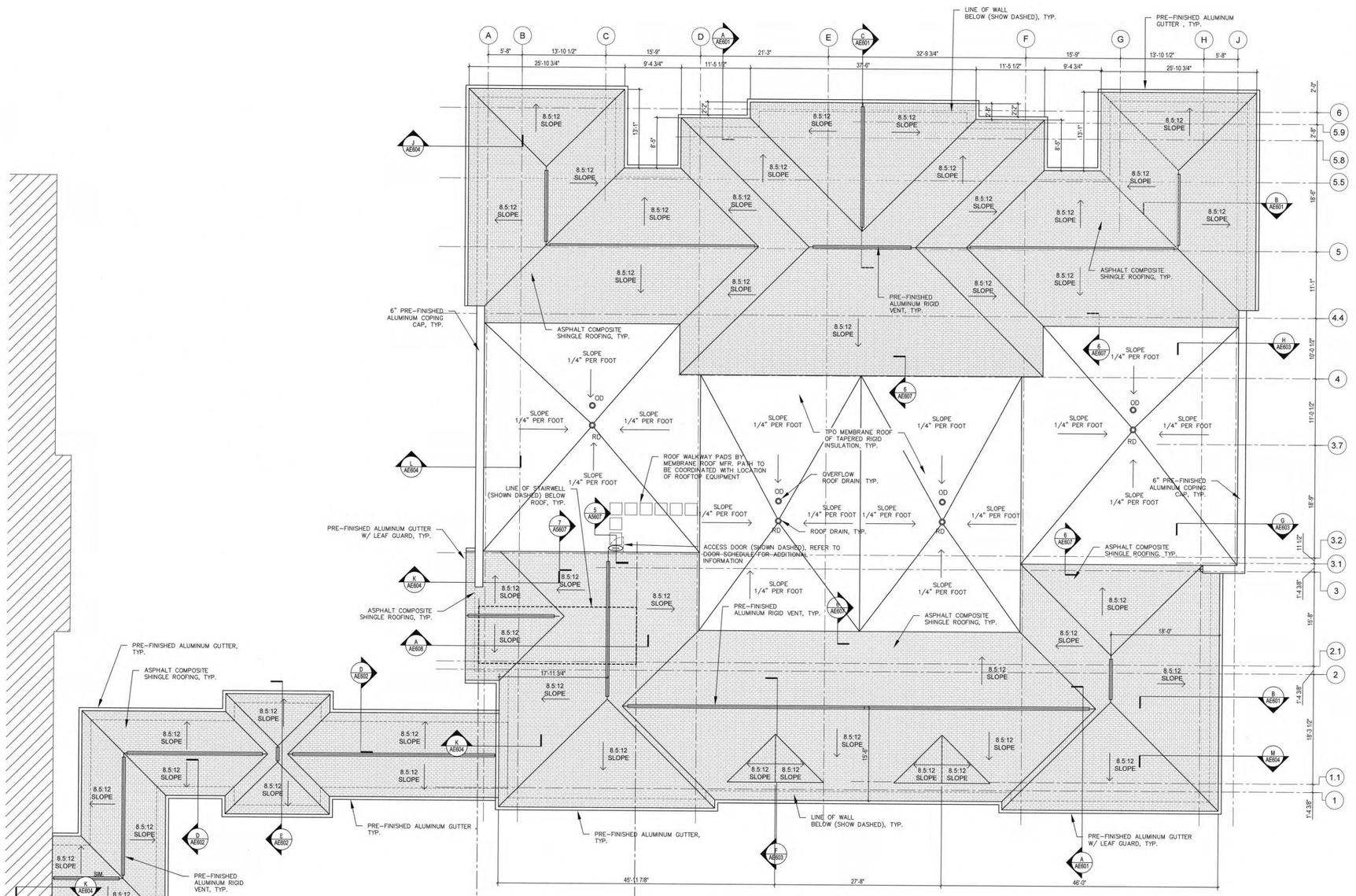
200 Envoy Circle #201, Louisville KY 40299 – PH: 502.339.8511 – www.paradigmusa.com

STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,788
LICENSED
PROFESSIONAL ENGINEER
2020

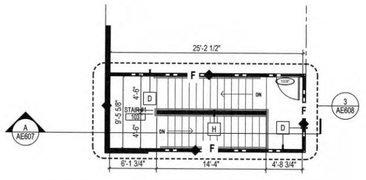
Drawing Title: BASEMENT DIMENSION FLOOR PLAN
Approved Project Director:
Project Title: ST CLOUD ADH AND EC SUPPORT
Location: ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date: 12-27-2019 | Checked: TMB | Drawn: TMB
Project Number: 656-343
Building Number: ---
Drawing Number: AE102

Office of Construction and Facilities Management
Department of Veterans Affairs

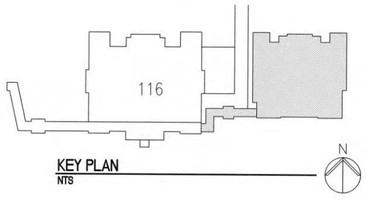
VA FORM 08–6231



F1 ROOF PLAN
1/8" = 1'-0"



F2 2ND FLOOR/ROOF PLAN - STAIR ST-1
1/8" = 1'-0"



KEY PLAN
NTS

DIMENSION PLAN SYMBOLS

- SB — FIRE-RATED, SMOKE BARRIER LINE, 1 HOUR
- FB — FIRE-RATED, FIRE BARRIER LINE, 1 HOUR
- A — PARTITION WALL ASSEMBLY (REFER TO SHEET AE7.01 FOR ADDITIONAL INFORMATION)

DIMENSION PLAN CODED NOTED

1. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE DOOR (DOOR SIZE: 3'-0" X 7'-0", FRAME 2" JAMBS AND 4" HEADER)
2. PROVIDE ROUGH MASONRY OPENING IN RATED WALL ASSEMBLY FOR FUTURE ELEVATOR DOOR FRAME (OPENING HEIGHT; 7'-4", OPENING WIDTH: AS NOTED ON PLANS.
3. RECESSED CONCRETE SLAB 7/16" FOR RECESSED WALK-OFF MAT. CONTRACTOR TO COORDINATE RECESSED DEPTH WITH SELECTED FLOORING PRIOR TO POURING SLAB.

BUILDING CODE AND GUILDLINES

VA FIRE PHYSICAL SECURITY DESIGN MANUAL, JANUARY 2015

VA FIRE PROTECTION DESIGN MANUAL, 6TH EDITION, 2011

INTERNATIONAL BUILDING CODE (FOR HEIGHT AND AREA INFORMATION ONLY)

NFPA 101, LIFE SAFETY CODE, 2015

NFPA 1, FIRE CODE, 2015

NFPA 10, STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2013

NFPA 70, NATIONAL ELECTRICAL CODE, 2014

NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013

NFPA 90A, STANDARD FOR THE INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS, 2015

NFPA 80, STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2013

NFPA 241, STANDARD FOR SAFEGUARDING CONSTRUCTION, ALTERATION,AND DEMOLITION OPERATIONS, 2013

NATIONAL STANDARD PLUMBING CODE (NSPC)

OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS

UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS)

ASHRAE/IESNA STANDARD 90.1 – 2007 ENERGY STANDARD, APPENDIX G

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions	Date
1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

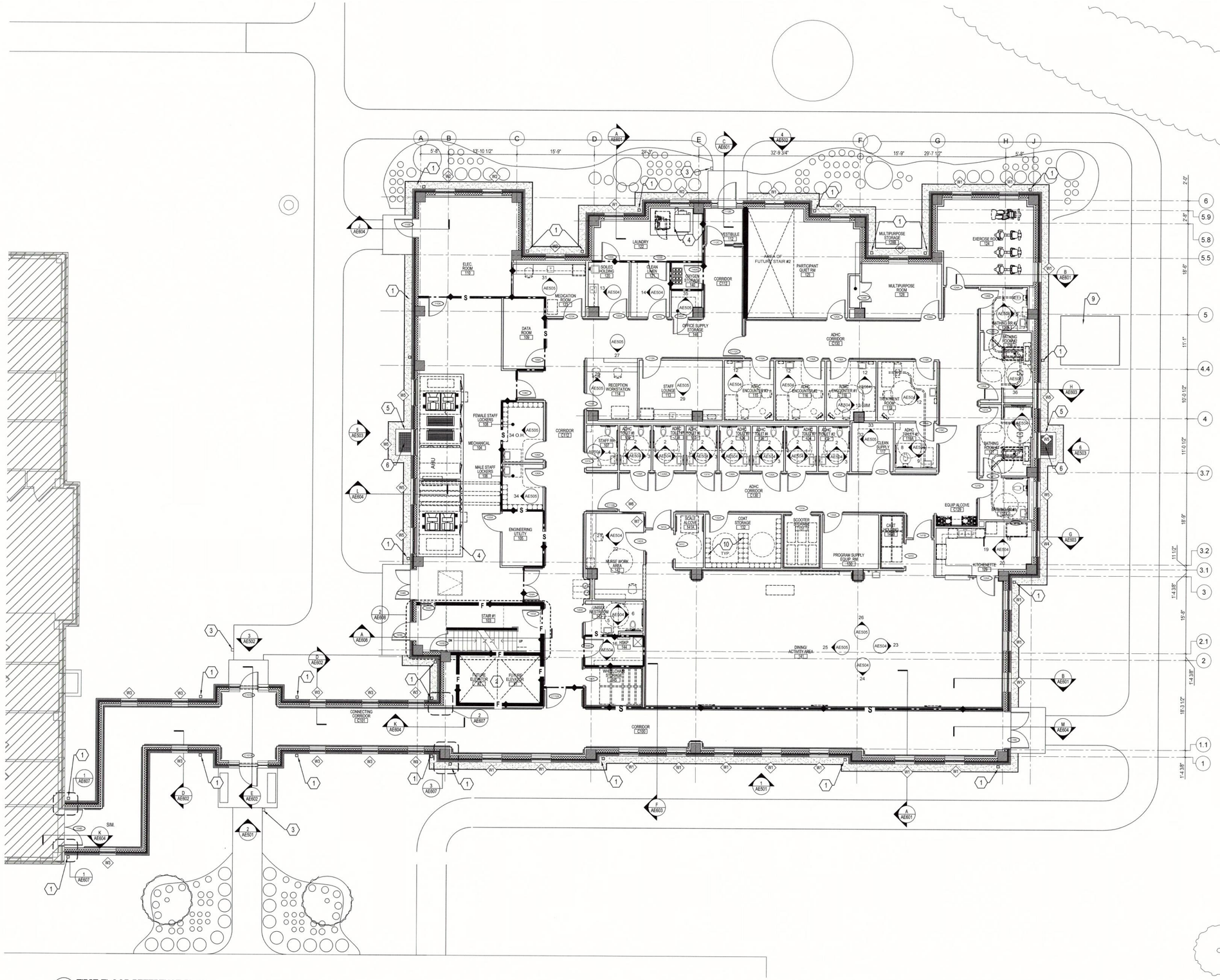
ARCHITECT/ENGINEERS:

paradigm
Architecture | Engineering | Design-Build
200 Envoy Circle #201, Louisville KY 40299 – PH: 502.339.8511 – www.paradigmusa.com

2.7.2020 STATE OF KENTUCKY BLAINE CAMBEL VAN GANSBEKE 24,789 LICENSED PROFESSIONAL ENGINEER

Drawing Title: ROOF PLAN	Project Title: ST CLOUD ADH AND EC SUPPORT	Project Number: 656-343	Office of Construction and Facilities Management
Approved Project Director	Location: ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303	Building Number: ---	
	Date: 12-27-2019 / Checked: TMB / Drawn: TMB	Drawing Number: AE103	Department of Veterans Affairs

VA FORM 08-6231



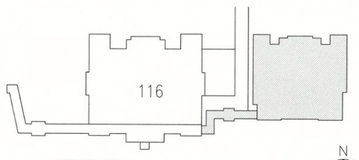
REFERENCE PLAN LEGEND

SB	FIRE–RATED, SMOKE BARRIER LINE, 1 HOUR
FB	FIRE–RATED, FIRE BARRIER LINE, 1 HOUR
0128B	DOOR SCHEDULE TAG (REFER TO SHEET AE0.0 FOR ADDITIONAL INFORMATION)
ROOM NAME 0000	ROOM NAME TAG (REFER TO SHEET AE0.0 FOR ADDITIONAL INFORMATION)
2	CODE NOTE TAG
00	WINDOW TAG (REFER TO SHEET AE0.0 FOR ADDITIONAL INFORMATION)
00 / AE000	INTERIOR ELEVATION TAG
00 / AE000	EXTERIOR ELEVATION TAG
00 / AE000	WALL SECTION TAG

REFERENCE PLAN CODED NOTES:

1. PRE–FINISHED OPEN–FACE ALUMINUM DOWNSPOUTS; CONNECT TO UNDERGROUND STORM LINE.
2. FUTURE ELEVATOR SHAFT AND PIT, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. IN–GROUND MOUNTED 6" SQUARE 42" HIGH BOLLARD WITH SURFACE–MOUNTED PUSH PLATE DOOR ACTIVATOR. REFER TO ELECTRICAL DRAWINGS AND SPECIFICATIONS (PUSH PLATE ACTIVATOR) FOR ADDITIONAL INFORMATION.

   BOLLARD BASIS OF DESIGN MFR: WIKK INDUSTRIES
   BOLLAR SERIES: BPS
   PART #: BPS IN PRP36DB
   MATERIAL: ALUMINUM
   FINISH: DARK BRONZER
4. 4" HIGH CONCRETE HOUSEKEEPING PAD, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. CONCRETE AREA WELL, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. AREA WELL METAL GRATING, REFER TO WALL SECTIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. AREA WELL METAL LOUVER, REFER TO OPENING SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. 4' X 4' X 6" REINFORCED CONCRETE STOOP WITH #4 REBAR AT 12" O.C. IN BOTH DIRECTION.
9. REINFORCED CONCRETE MECHANICAL HOUSEKEEPING PAD, REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
10. TWO–TIER METAL LOCKERS 15"W X 18"D X 36"H (PER LOCKER)
11. CONCRETE WALL AND FOOTING FOR SUPPORT OF FUTURE CMU STAIRWELL WALLS. REFER TO STRUCTRUAL DRAWINGS FOR ADDITIONAL INFORMATION.



KEY PLAN
NTS

F1 FIRST FLOOR REFERENCE PLAN
1/8" = 1'-0"

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions	Date
1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

ARCHITECT/ENGINEERS:

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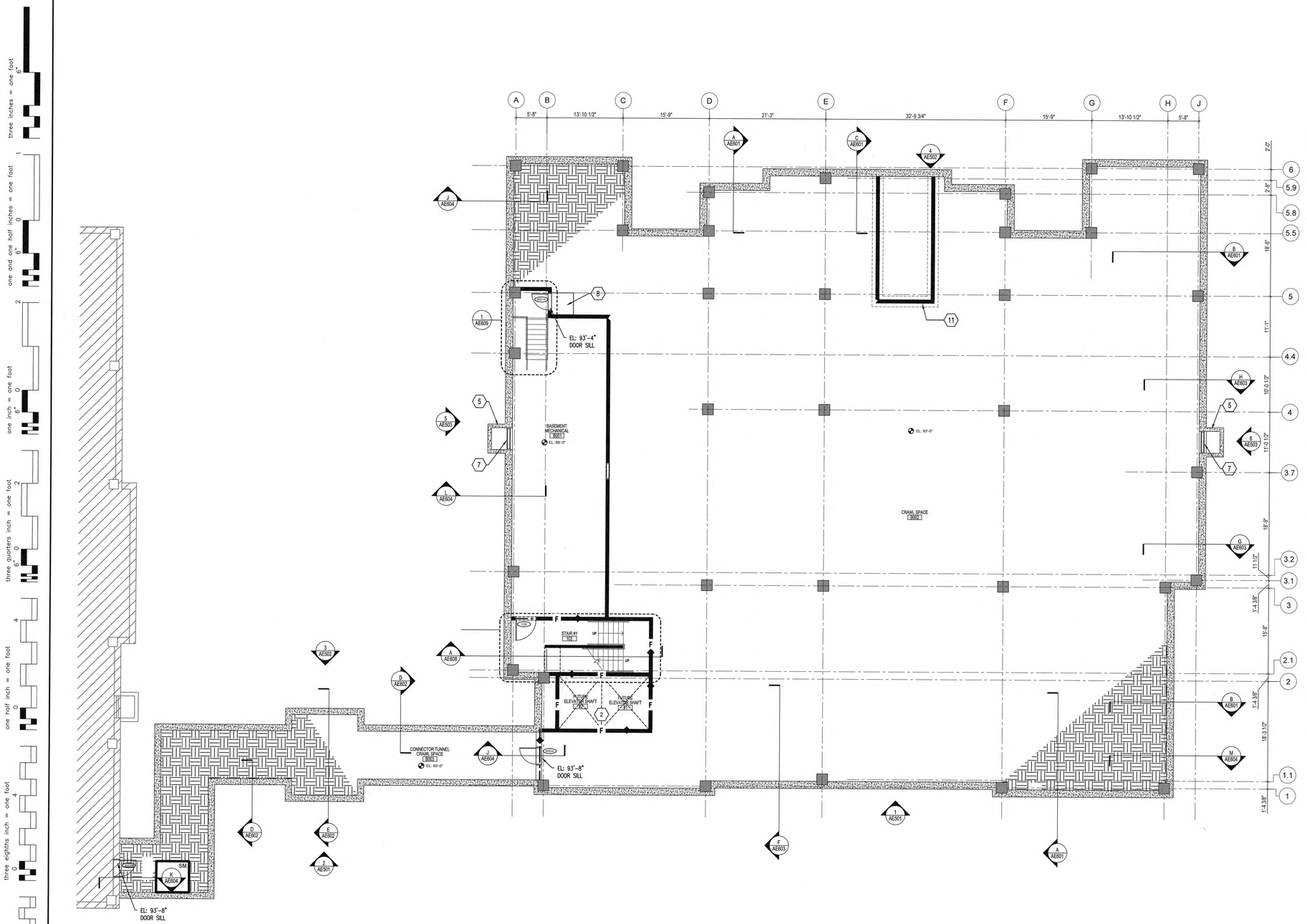
STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,788
LICENSED
PROFESSIONAL ENGINEER
27 May 2020

Drawing Title	FIRST FLOOR REFERENCE PLAN
Approved Project Director	
Project Title	ST CLOUD ADH AND EC SUPPORT
Location	ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date	12-27-2019
Checked	TMB
Drawn	TMB
Project Number	656-343
Building Number	---
Drawing Number	AE104

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08–6231



REFERENCE PLAN LEGEND

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2	CODE NOTE TAG
00	WINDOW TAG (REFER TO SHEET AE0.0 FOR ADDITIONAL INFORMATION)
00 / AE000	INTERIOR ELEVATION TAG
00 / AE000	EXTERIOR ELEVATION TAG
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REFERENCE PLAN CODED NOTES:

1. PRE–FINISHED OPEN–FACE ALUMINUM DOWNSPOUTS; CONNECT TO UNDERGROUND STORM LINE.
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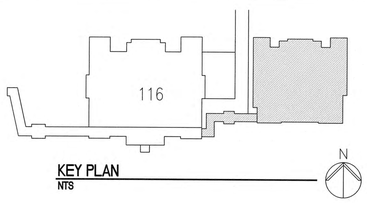
   BOLLARD BASIS OF DESIGN MFR: WIKK INDUSTRIES
   BOLLAR SERIES: BPS
   PART #: BPS IN PRP36DB
   MATERIAL: ALUMINUM
   FINISH: DARK BRONZER
4. 4" HIGH CONCRETE HOUSEKEEPING PAD, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. CONCRETE AREA WELL, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. AREA WELL METAL GRATING, REFER TO WALL SECTIONS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. AREA WELL METAL LOUVER, REFER TO OPENING SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. 4' X 4' X 6" REINFORCED CONCRETE STOOP WITH #4 REBAR AT 12" O.C. IN BOTH DIRECTION.
9. REINFORCED CONCRETE MECHANICAL HOUSEKEEPING PAD, REFER TO STRUCTURAL FOR ADDITIONAL INFORMATION.
10. TWO–TIER METAL LOCKERS 15"W X 18"D X 36"H (PER LOCKER)
11. CONCRETE WALL AND FOOTING FOR SUPPORT OF FUTURE CMU STAIRWELL WALLS. REFER TO STRUCTRUAL DRAWINGS FOR ADDITIONAL INFORMATION.



KEY PLAN
NTS

F1 BASEMENT/CRAWL SPACE REFERENCE PLAN
1/8" = 1'-0"

FULLY SPRINKLED
BID DOCUMENTS
FOR CONSTRUCTION

Revisions:	Date
1 ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

CONSULTANTS:

ARCHITECT/ENGINEERS:

paradigm
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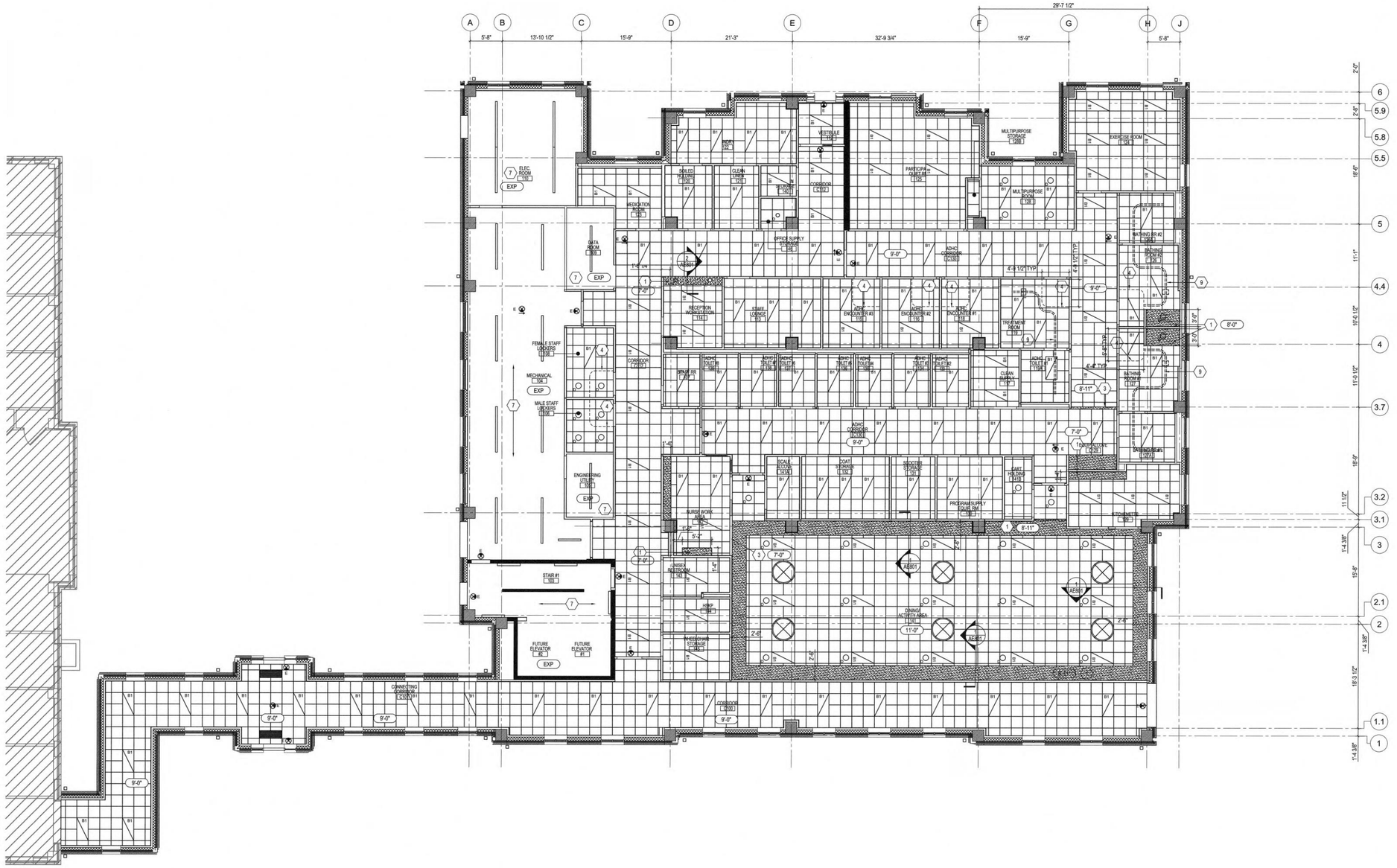
27 Dec 2019
STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,788
LICENSED
PROFESSIONAL ENGINEER

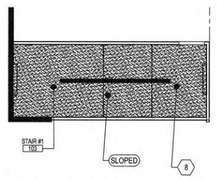
Drawing Title: BASEMENT/CRAWL SPACE REFERENCE PLAN
Approved Project Director:
Project Title: ST CLOUD ADH AND EC SUPPORT
Location: ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Project Number: 656-343
Building Number: ---
Drawing Number: AE105
Date: 12-27-2019
Checked: TMB
Drawn: TMB

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231



F1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



F2 STAIR #1 REFLECTED CEILING PLAN (ROOF)
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND

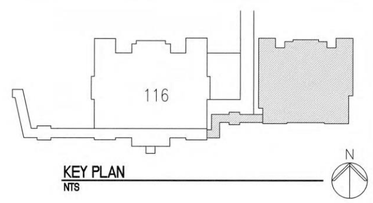
- 2' X 4' ACOUSTICAL TILE CEILING
- 2' X 2' ACOUSTICAL TILE CEILING
- RECESSED CAN LIGHT
- PENDANT LIGHT
- WALL SCONE LIGHT
- 2' X 4' FLUORESCENT LIGHT
- SUSPENDED LINEAR LIGHT
- DECORATIVE BOWL SURFACE MOUNTED LIGHT FIXTURE
- E EMERGENCY EXIT SIGN
- HVAC RETURN
- HVAC SUPPLY
- EXHAUST
- NEW GYPSUM BOARD CEILING/BULKHEAD
- NEW GYPSUM BOARD CEILING/BULKHEAD

GENERAL NOTES:

1. NOT ALL SYMBOLS ARE USE IN THIS PROJECT.
2. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.
3. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION ON LIGHTING AND LAYOUT.
4. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS SUPPLY/RETURN GRILLS

CODED NOTES:

1. DRYWALL SOFFIT (PAINTED), REFER TO DETAIL ON SHEET A801 FOR ADDITIONAL INFORMATION.
2. SUSPENDED NON-RATED DRYWALL CEILING ASSEMBLY: 5/8" WATER-RESISTANCE GYPSUM BOARD OVER 7/8" 22GA HAT CHANNELS AT 24" O.C. ON 2-1/2" 22GA "C" CHANNELS AT 24" O.C. PERPENDICULARLY
3. DRYWALL BULKHEAD (PAINTED), REFER TO DETAIL ON SHEET A801 FOR ADDITIONAL INFORMATION.
4. CUBICAL CURTAIN TRACK ASSEMBLY, REFER TO DETAILS ON SHEET AE801 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION
5. RATED FLOOR ACCESS DOOR ASSEMBLY, REFER TO DOOR SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. PRECAST CONCRETE BEAMS, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. PRECAST HOLLOW CORE PLANKS, REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. ONE HOUR RATED DRYWALL CEILING (PAINTED): 5/8" TYPE "C" GYPSUMBOARD OVER 1/2" RESILIENT CHANNELS AT 12" O.C.; SIMILAR TO UL # P533.
9. CEILING MOUNTED BARIATRIC LIFT, REFER TO EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.



KEY PLAN
NTS

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BID DOCUMENTS
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Revisions:	Date
ADDENDUM 1 – BID AND CONSTRUCTION DOCUMENTS	05/29/20

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STATE OF KENTUCKY
BLAINE CAMIEL VAN GANSBEKE
24,738
LICENSED PROFESSIONAL ENGINEER
2-27-2020

Drawing Title	FIRST FLOOR REFLECTED CEILING PLAN
Approved Project Director	
Project Title	ST CLOUD ADH AND EC SUPPORT
Location	ST CLOUD VA HEALTH CARE SYSTEM, 4801 VETERANS DRIVE, ST. CLOUD MN 56303
Date	12-27-2019
Checked	TMB
Drawn	TMB
Project Number	656-343
Building Number	---
Drawing Number	AE106

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231