

VICINITY MAP SCALE: NTS

SCOPE OF WORK

 DEMOLISH WALLS AS INDICATED
 REPOSITION LIGHT FIXTURES TO MEET NEW OFFICE CONFIGURATION

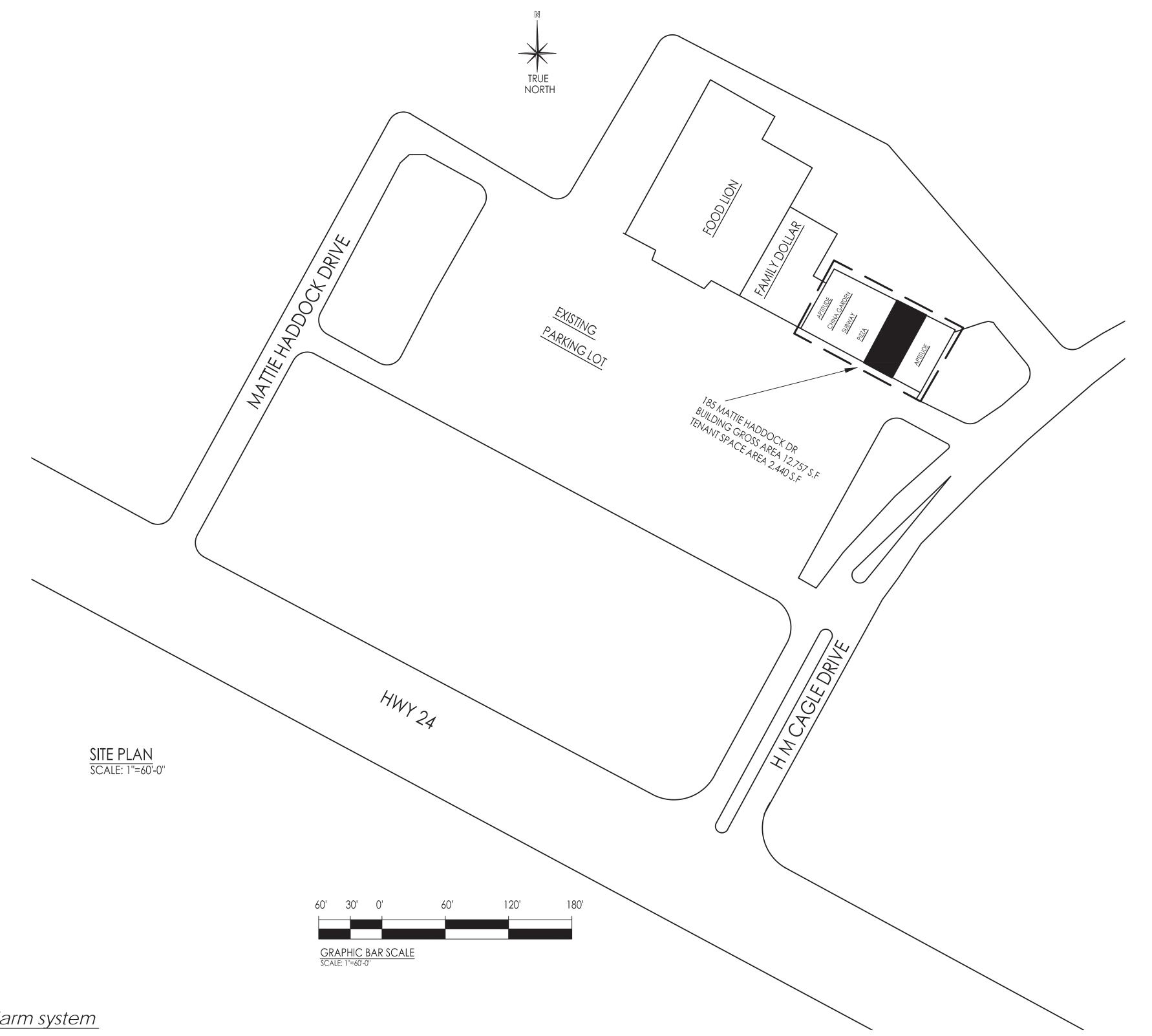
3. PROVIDE NEW OFFICES AS SHOWN4. MINIMAL RELOCATION OF DIFFUSERS

TO MEET NEW CONFIGURATION. NO NEW HVAC SYSTEM.

5. PROVIDE NEW ELECTRICAL OUTLETS IN NEW OFFICES AND A NEW PANEL BOX

RENOVATION PROJECT FOR BUFFALO LAKE MEDICAL

185 MATTIE HADDOCK DR. CAMERON NC 28326



BUFFALO LAKE MEDICA 85 MATTIE HADDOCK DI CAMERON NC 28326

DRAWING TITLE

COVER

PAGE

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1/"=60'

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PROJECT SHEET

SCALE:

DATE:

TW018083

the building is equipped with an automatic fire sprinkler system and fire alarm system

BUFFALO LAKE MEDICAL - CAMERON, NC APPENDIX B - BUILDING CODE SUMMARY

Name of Project:BUFFALO LAKE MEDICAL	ALLOWABLE AREA	FIRE PROTECTION REQUIREMENT
Address: 85 MATTIE HADDOCK DR	Drimany Occupancy: Accombly Ad Ad Ad Ad Ad Ad Ad	Life Safety Plan Sheet #, if Provided
Proposed Use: MEDICAL OFFICE (BUSINESS)	Primary Occupancy: Assembly A-1 A-2 A-3 A-4 A-5	BUILDING ELEMENT FIRE RATING DETAIL# DESIGN# DESIGN
Owner or Authorized Agent: TROY WHITE Phone # 919.824.3325	X Business	SEPARATION
Owned By: City/County X Private State	☐ High-Hazard ☐ H-1 ☐ H-2 ☐ H-3 ☐ H-4 ☐ H-5	(FEET) (W SHEET# RATED PENETR
Code Enforcement Jurisdiction: X City CAMERON X County HARNETT	☐ Institutional ☐ I-1 ☐ I-2 ☐ I-3 ☐ I-4	Structural frame, including columns, girders,
		trusses
	I-3 Use Condition: 1 2 3 4 5	Bearing walls Exterior
LEAD DESIGN PROFESSIONAL: Jerome R. Redmond, PE 032705 (910)915-6529	☐ Mercantile ☐ Residential ☐ R-1 ☐ R-2 ☐ R-3 ☐ R-4	North >10' NONE TABLE 601
DESIGNER FIRM NAME LICENSE# TELEPHONE#	Storage S-1 S-2 High-piled	East <5' 2 HR 2 HR U905
	☐ Utility and Miscellaneous Parking Garage: ☐ Open ☐ Enclosed ☐ Repair	West 2 HR 2 HR U905 South >10' NONE
Building Jerome R. Redmond, PE Jerome R. Redmond 032705 (910)915-6529		Interior NONE
Civil	Secondary Occupancy: NONE	Nonbearing walls and partitions
Electrical J <u>erome R. Redmond, P</u> E	Special Occupancy: 508.2 508.3 508.4 508.5 508.6 508.7 508.8	Exterior
	Mixed Occupancy: No X Yes Separation: Hr. Exception:	North NONE TABLE 601 East NONE
Mechanical Jerome R. Redmond, PE Mechanical Jerome R. Redmond, PE	Non-Separated Mixed Occupancy (303.1 Exception)	West NONE
Sprinkler-Standpipe	The required type of construction for the building shall be determined by applying the height and area	South NONE
Structural Existing	limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.	Floor construction
Retaining Walls >5' High	— Operated Microb Operators (000 4/900 0)	Including supporting beams and joists
Other	Separated Mixed Occupancy (303.1/303.2) - See below for area calculations For each story, the area of the occupancy shall be such that the sum of ratios of the actual floor area	NONE TABLE 601 Roof construction
	of each use divided by the allowable floor area for each use shall not exceed 1.	Including supporting beams
2012 EDITION OFNC CODEFOR: New Construction Addition Upfit	Actual Area of Occupancy A Actual Area of Occupancy B	and joists NONE TABLE 602 Shafts - Exit NONE
EXISTING: Reconstruction Alteration Repair Renovation	Allowable Area of Occupancy A	Shafts - Other NONE
CONSTRUCTED(date) ORIGINAL USE(S)(Ch. 3): B		Corridor Separation NONE
RENOVATED (date) CURRENT USE(S) (Ch. 3):	+ 0 + = ≤1.00	Occupancy Separation NONE Party/Fire Wall Separation NONE
PROPOSED USE(S) (Ch. 3): B	0	Smoke Barrier Separation NONE
	STORY NO. DESCRIPTION (A) (B) (C) (D) (E) (F)	Tenant Separation 1 HR 1 HR U419/B3
BUILDING DATA	AND USE BLDG AREA TABLE 503 ⁵ AREA FOR AREA FOR ALLOWABLE MAXIMUM PER STORY AREA OPEN SPACE SPRINKLER AREA OR BUILDING	* Indicate section number permitting reduction
Construction Type:	(ACTUAL) AREA SI EN SI AGE SI NINKEEL AREA BUILDING AREA A	
□ IV □ V-A □ V-B	UNITS 1-4 B 7877 23,000	
	UNIT 5 B 2440 23,000	LIFE SAFETY SYSTEM REQUIREMENTS
Mixed Construction: X No Yes Types	UNIT 6 B 2440 23,000	Emergency Lighting: No X Yes
Sprinklers: No X Yes X NFPA 13 NFPA 13R NFPA 13D		Exit Signs: No X Yes
Standpipes: X No Yes NFPA 13 NFPA 13R NFPA 13D		Fire Alarm: X No Yes Smoke Detection Systems: X No Yes Partial
Fire District: X No Yes	TOTAL 12,757 23,000 N/A N/A 23,000	Panic Hardware: X No Yes
Building Height:15 Feet1 Number of Stories Unlimited per	Open space area increases from Section 506.2 are computed thus:	
Mezzanine: X No Yes	a. Perimeter which fronts a public way or space having 20 feet minimum width=(F)b. Total Building Perimeter =(P)	
High Rise: X No Yes Central Reference Sheet# (if provided)	c. Ratio (F/P) = (F/P)	LIFE SAFETY PLAN REQUIREMENTS
riigh Rise.	d. W = Minimum width of public way =(W) e. Percent of frontage increse I _f = 100[F/P - 0.25] x W/30 =(%)	Life Safety Plan Sheet #: B1
Gross Building Area:	² The sprinkler increase per Section 506.3 is as follows:	X Fire and/or smoke rated wall locations (Chapter 7) (see Key Plan) Assumed and real property line locations - N/A Upfit
	a. Multi-story building I _s = 200 percent b. Single story building I _s = 300 percent	Exterior wall opening area with respect to distance to assumed property lines (705.8)
	Unlimited area applicable under conditions of Sections Group B, F, M, S, A-4 (507.2, 507.2, 507.3, 507.5,);	Existing structures within 30' of the proposed building - N/A Upfit
6th Floor	Group A motion picture (507.10); Malls (402.6); and H-2 aircraft paint hangers (507.8).	X Occupancy types for each area as it relates to occupant load calculation (Table 1004.X Occupant loads for each area
5th Floor	 Maximum Building Area = total number of stories in the building x E (506.4). The maximum area of parking garages must comply with 406.3.5. The maximum area of air traffic control towers 	X Exit access travel distances (1016)
4th Floor	must comply with 412.1.2.	X Common path of travel distances (1014.3 & 1028.8)
3rd Floor		Dead end lengths (1018.4) X Clear exit widths for each exit door
2nd Floor	ALLOWABLE HEIGHT	X Maximum calculated occupant load capacity each exit door can accommodate based
Mezzanine	ALLOWABLE INCREASE FOR SPRINKLERS SHOWN ON PLANS CODE	X Actual occupant load for each exit door
1st Floor 12,757	(Table 503)	A separate schematic plan indicating where fire rated floor/ceiling and/or roof s truct purposes of occupancy separation - N/A
Basement	Type of Construction TypeIIB TypeIIB	Location of doors with panic hardware (1008.1.10) - N/A
Renovated 2,440	Building Height in Feet	Location of doors with delayed egress locks and the amount of delay (1008.1.9.7) - N Location of doors with electromagnetic egress locks (1008.1.9.8) - N/A
UNIT 5	Building Height in Stories Stories 3 Stories + 1 = Stories 1 503	Location of doors with electromagnetic egress rocks (1008.1.9.8) - N/A Location of doors equipped with hold-open devices - N/A
		Location of emergency escape windows (1029) - N/A
		The square footage of each fire area (902) - N/A The square footage of each smaller compartment (407.4) N/A
	PLUMBING FIXTURE REQUIREMENTS	 ☐ The square footage of each smoke compartment (407.4) - N/A ☐ Note any code exceptions or table notes that may have been utilized regarding the ite
	OCCUPANCY WATER CLOSETS URINALS LAVATORIES SHOWERS/ DRINKING FOUNTAINS	
	OCCUPANCY WATER CLOSETS URINALS LAVATORIES SHOWERS/ TUBS DRINKING FOUNTAINS MALE FEMALE MALE FEMALE REGULAR ACCESSIBLE	NATIONAL CURAMANNA CONTRA
		MECHANICAL SUMMARY - SEE M1
	UNIT 114 2 1 2 1 0 NOT REQUIRED NOT REQUIRED	
	1	ELECTRICAL SUMMARY - SEE E1
	¹ BASED ON OCCUPANCY LESS THAN 25	

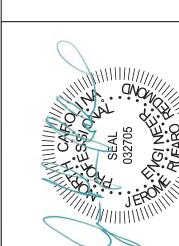
STRUCTURAL DESIGN -N/A NO MODIFICATIONS

KEY PLAN

BUILDING ELEMENT	FIRE		RATING	DETAIL#	DESIGN#	DESIGN# FOR	DESIGN# FOR
	SEPARATION DISTANCE (FEET)	REQ'D	PROVIDED (W/* REDUCTION)	AND SHEET#	FOR RATED ASSEMBLY	RATED PENETRATION	RATED JOINTS
Structural frame, including columns, girders, trusses		NONE					
Bearing walls							
Exterior							
North	>10'	NONE		TABLE 601			
East	<5'	2 HR	2 HR	U905			
West		2 HR	2 HR	U905			
South	>10'	NONE					
Interior		NONE					
Nonbearing walls and partitions Exterior							
North		NONE		TABLE 601			
East		NONE					
West		NONE					
South		NONE		*			
Interior							
Floor construction Including supporting beams and joists		NONE		TABLE 601			
Roof construction Including supporting beams and joists		NONE		TABLE 602			
Shafts - Exit		NONE					
Shafts - Other		NONE					
Corridor Separation		NONE					
Occupancy Separation		NONE					
Party/Fire Wall Separation		NONE					
Smoke Barrier Separation		NONE					
Tenant Separation		1 HR	1 HR	U419/B3			

Pan	ic hardware.
	LIFE SAFETY PLAN REQUIREMENTS
fe S	afety Plan Sheet #: B1
X	Fire and/or smoke rated wall locations (Chapter 7) (see Key Plan)
	Assumed and real property line locations - N/A Upfit
	Exterior wall opening area with respect to distance to assumed property lines (705.8) - N/A Upfit
	Existing structures within 30' of the proposed building - N/A Upfit
X	Occupancy types for each area as it relates to occupant load calculation (Table 1004.1.1)
X	Occupant loads for each area
X	Exit access travel distances (1016)
X	Common path of travel distances (1014.3 & 1028.8)
	Dead end lengths (1018.4)
X	Clear exit widths for each exit door
X	Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.1)
X	Actual occupant load for each exit door
	A separate schematic plan indicating where fire rated floor/ceiling and/or roof s tructure is provided for purposes of occupancy separation - N/A
	Location of doors with panic hardware (1008.1.10) - N/A
	Location of doors with delayed egress locks and the amount of delay (1008.1.9.7) - N/A
	Location of doors with electromagnetic egress locks (1008.1.9.8) - N/A
	Location of doors equipped with hold-open devices - N/A
	Location of emergency escape windows (1029) - N/A
	The square footage of each fire area (902) - N/A
	The square footage of each smoke compartment (407.4) - N/A
	Note any code exceptions or table notes that may have been utilized regarding the items above - N/A

ENERGY SUMMARY - N/A NO MODIFICATIONS TO BUILDING ENVELOPE CHANGE OF OCCUPANCY ONLY

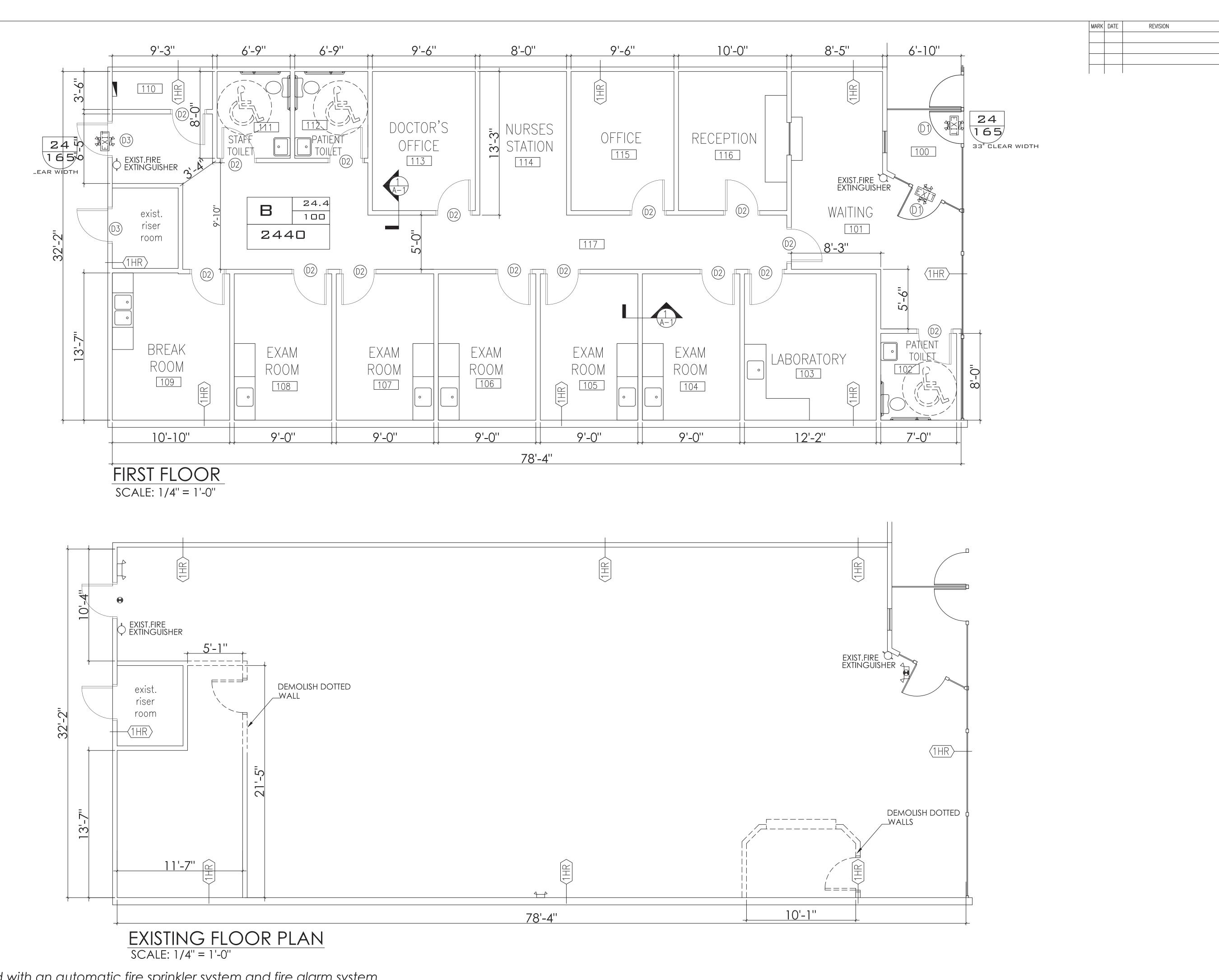


BUFFALO LAKE MEDICAL 85 MATTIE HADDOCK DR. CAMERON, NC

APPENDIX B BUILDING SUMMARY

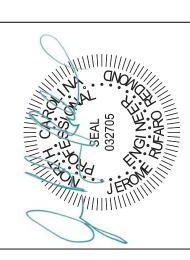
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AS SHOWN MARK DATE REVISION DATE: 04.12.18 PROJECT TW018083



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JEROME RUFARO REDMOND, PE
BUILDING ENGINEERING & DESIGN
8209A MARKET STREET STE. 222
WILMINGTON, NC 28411
910.915.6529
JRUFARO@JRUFAROAE.COM



BUFFALO LAKE MEDICAL 85 MATTIE HADDOCK Dr. CAMERON NC 28326

DRAWING TITLE

EXISTING AND

PROPOSED

FLOOR PLANS

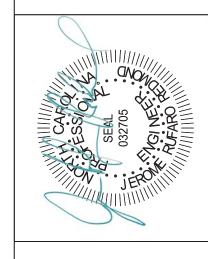
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SCALE: 1/4"=1'

DATE: 3.21.18

the building is equipped with an automatic fire sprinkler system and fire alarm system

PROJECT SHEET B1



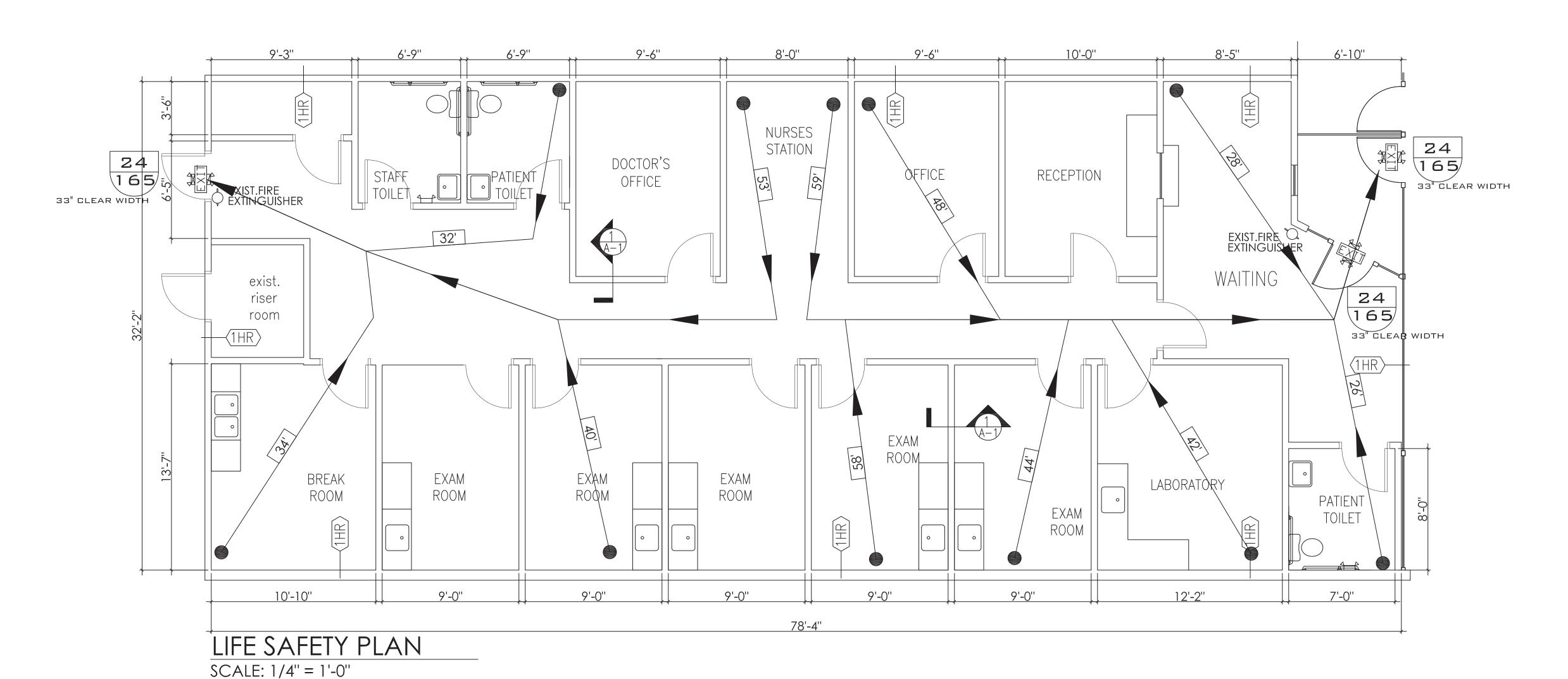
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DRAWING TITLE LIFE SAFETY PLAN OCCUPANCY NOTES

 KAM

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ROOM NO.	ROOM NAME & USE	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	ROOM AREA (S.F)	EGRESS OCCUPANCY TOTAL	BUILDING OCCUPANT TOTAL
100	ENTRY	BUSINESS	100	50	1	1
101	WAITING	BUSINESS	100	245	2	2
102	restroom	BUSINESS	100	56	1	1
103	LAB.	BUSINESS	100	164	1	1
104	EXAM. RM	BUSINESS	100	122	1	1
105	EXAM. RM	BUSINESS	100	122	1	1
106	EXAM. RM	BUSINESS	100	122	1	1
107	EXAM. RM	BUSINESS	100	122	1	1
108	EXAM. RM	BUSINESS	100	122	1	1
109	BREAK RM.	BUSINESS	100	147	1	1*
110	ELEC. RM.	ACCESSORY	300	32	1	1
111	restroom	BUSINESS	100	54	1	1*
112	RESTROOM	BUSINESS	100	54	1	1*
113	OFFICE	BUSINESS	100	122	1	1
114	NURSES	BUSINESS	100	106	1	1
115	OFFICE	BUSINESS	100	122	1	1
116	RECEPTION	BUSINESS	100	128	1	1
117	HALLWAY	BUSINESS	100	415	4	4
total occu	 pant count for to	<u> </u> enant space & (legress capacity	2305	22	19

BUSINESS (B) OCCUPANCY

GROSS S.F OF BUILDING 12,575 S.F GROSS S.F OF TENANT SPACE 2440 S.F TYPE OF CONSTRUCTION : II B

SPACE PREVIOUSLY USED AS BUSINESS, B

OCCUPANT LOAD FOR CALCUALTING EGRESS CAPACITY: SPACE OCCUPANCY BY NET SF = (PER 1004.1.1)(SEE TABLE ON THIS SHEET FOR INDIVIDUAL SPACE TOTALS) TOTAL OCCUPANT LOAD BY AREAS = 22 PERSONS

TOTAL OCCUPANT LOAD BY BUSINESS USE =2440/100= 24

MINIMUM NUMBER OF EXITS PROVIDED: 2 BOTH ACCESSIBLE

GREATEST TRAVEL DISTANCE SHOWN 59 FEET (PER 1016) MAXIMUM ALLOWABLW TRAVEL DISTANCE 250 FEET (PER TABLE 1016.1)

THE COMMON PATH OF TRAVEL IS LESS THAN 45 FEET(PER 1028.8) THERE ARE NO DEAD END CORRIDORS OVER 50 FEET. (PER 1018.4 EXCEPTION 2) TENANT SPACE EXIT WIDTH CALCUALTIONS 22 PERSONS X 0.2/ OCCUPANT =4" REQUIRED. 72" PROVIDED. (PER 1005.1) MINIMUM NUMBER OF EXITS REQUIRED: 1 (PER TABLE 1015.1 AND 1021.2 FOOTNOTE D)

EGRESS DOORS DO NOT REQUIRE PANIC HARDWARE. (PER 1008.1.1) DOORS DO NOT HAVE DELAYED EGRESS LOCKS (PER 1008.1.9.7) DOORS DO NOT HAVE ELECTROMAGNETIC EGRESS LOCKS (PER 1008.1.9.8) DOORS DO NOT HAVE HOLD OPEN DEVICES. THE ARE NO EMERGENCY ESCAPE WINDOWS (PER 1029)

THE FIRE AREA S.F IS 2440 S.F (PER 902) THERE ARE NO SLEEPING AREAS (SMOKE COMPARTMENTS) (PER 407.2)

THE TENANT SPACE IS PROHIBITED BY FIRE SPRINKLERS

2 ABC FIRE EXTINGUISHERS ARE PROVIDED FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS REQUIRE NO GREATER THAN 75 FEET OF MAXIMUM TRAVEL DISTANCE IN LOW, ORDINARY AND EXTRA HAZARD OCCUPANCY.

THERE IS A FIRE ALARM SYSTEM THAT PROVIDES OCCUPANT NOTIFICATION OF SPRINKLER FLOW.

DUCT DETECTORS ARE INSTALLED IN AHU. AN AUDIBLE AND VISIBLE DEVICE IS PROVIDED FOR UNIT. AS REQUIRED.

LEGEND

EGRESS DOOR SYMBOL

PATH OF EGRESS

OCCUPANCY LOAD SYMBOL

TACTILE EXIT SIGN PER 1011.3 EXIT

FIRE EXTINGUISHER (WALL MOUNTED) 2 LOCATIONS T.B.D. BY FIRE MARSHALL

ACTUAL OCCUPANT LOAD OF OPENING

ALLOWABLE OCCUPANT LOAD OF OPENING

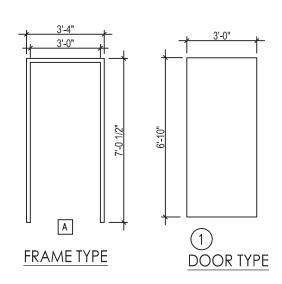
OCCUPANCY TYPE

LOCATE AT EACH EXIT

LOCK BOX FOR KEY IS INSTALLED AT FRONT ENTRANCE. (AS REQUIRED)

THE CODE REFERENCES ABOVE WERE UPDATED FOR THE 2012 NCBC.

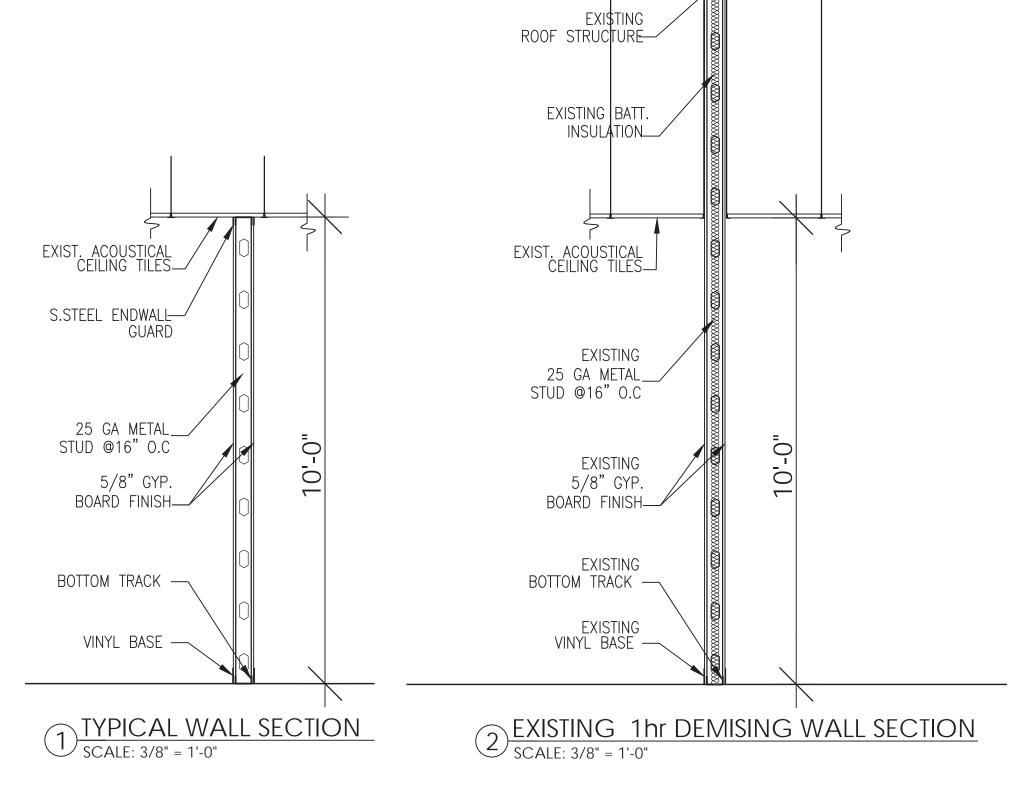
the building is equipped with an automatic fire sprinkler system and fire alarm system



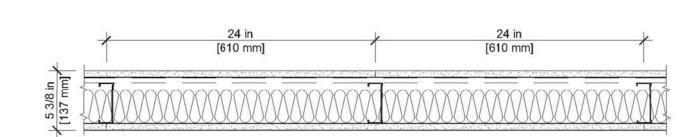
DOOR SCHEDULE								
DOOR				DOOR	FR	AME		
NO.	TYPE	MAT'L.	SIZE	CLOSER	TYPE	MAT'L.	HDW SET #	REMARKS
D1	EXISTING DOOR	EXISTING DOOR	3'-0"x6'-8"	YES	EXISTING DOOR	EXISTING DOOR	EXISTING DOOR	
D2	1	WOOD	3'-0"x6'-8"	NO	А	WOOD	1	INTERIOR SMOOTH FACE DOOR
D3	EXISTING DOOR	EXISTING DOOR	3'-0"x6'-8"	NO	EXISTING DOOR	EXISTING DOOR	EXISTING DOOR	



	DOOM		DACE	\\\\\\\	CEIL INIC	CEIL INIC	
ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS	CEILING	HEIGHT	REMARKS
100	ENTRY	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
101	WAITING	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE ACOUSTIC	10'	INTERIOR SMOOTH FACE DOOR
102	RESTROOM	VINYL TILE	VINYL	GYP.BD/PT	1 III F	10'	
103	LAB.	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
104	EXAM. RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
105	EXAM. RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
106	EXAM. RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
107	EXAM. RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
108	EXAM. RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
109	BREAK RM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
110	ELEC. RM.	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
111	RESTROOM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
112	RESTROOM	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
113	OFFICE	CARPET	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
114	NURSES	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
115	OFFICE	CARPET	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
116	RECEPTION	CARPET	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	
117	HALLWAY	VINYL TILE	VINYL	GYP.BD/PT	ACOUSTIC TILE	10'	







MARK DATE

UL U419

Interior Partitions -Steel Stud (Non-load-bearing)

Fire Rating	1 hour	
STC	54	
Sound Test	RAL-TL83-216 🚣	
System Thickness	5-3/8"	

Assembly Options

Gypsum Board - 5/8 in. thick gypsum board applied horizontally or vertically

- USG Sheetrock® Brand Firecode® C Panels 5/8" (UL Type C)
- <u>USG Sheetrock® Brand EcoSmart Panels Mold Tough® Firecode® X 5/8" (UL Type ULIX)</u>
- <u>USG Sheetrock® Brand EcoSmart Panels Firecode® X 5/8" (UL Type ULIX)</u>
- USG Sheetrock® Brand Mold Tough® Firecode® C Panels 5/8" (UL Type C)

Resilient Channel - 25 ga. furring channels installed horizontally spaced 24 in. OC Steel Studs - 3-5/8 in. deep, 25 ga. spaced max. 24 in. OC

Batts and Blankets - Min. 3 in. thick mineral wool insulation

Gypsum Board - 5/8 in. thick gypsum board applied horizontally or vertically

- USG Sheetrock® Brand Firecode® C Panels 5/8" (UL Type C)
- USG Sheetrock® Brand EcoSmart Panels Mold Tough® Firecode® X 5/8" (UL Type ULIX)
- <u>USG Sheetrock® Brand EcoSmart Panels Firecode® X 5/8" (UL Type ULIX)</u>
- USG Sheetrock® Brand Mold Tough® Firecode® C Panels 5/8" (UL Type C)

Remarks

- Stud size is minimum unless otherwise stated in design.
- For the most up-to-date information refer to the UL Fire resistance directory U419 🗹 ·
- UL Type ULIX™ requires the use of insulation for single-layer, steel-framed UL fire-rated assemblies.

http://www.usgdesignstudio.com/assembly.asp?id=920564

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NG & DESIGN

PLANS
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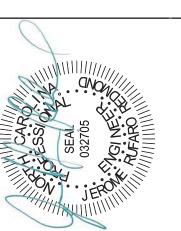
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ROW

SCHOOL

STAND

JEROME RUFARO REDMO
BUILDING ENGINEERING & D
BZO9A MARKET STREET STE.
WILMINGTON, NC 28411
910.915.6529
JRUFARO@JRUFAROAE.CO



BUFFALO LAKE MEDICAL 85 MATTIE HADDOCK Dr CAMERON NC 28326

DRAWING TITLE

DETAILS AND SCHEDULES

DRAWN BY: KAM

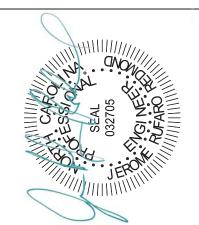
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PROJECT S TW018083

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BUFFALO LAKE MEDICAL 85 MATTIE HADDOCK Dr. CAMERON NC 28326

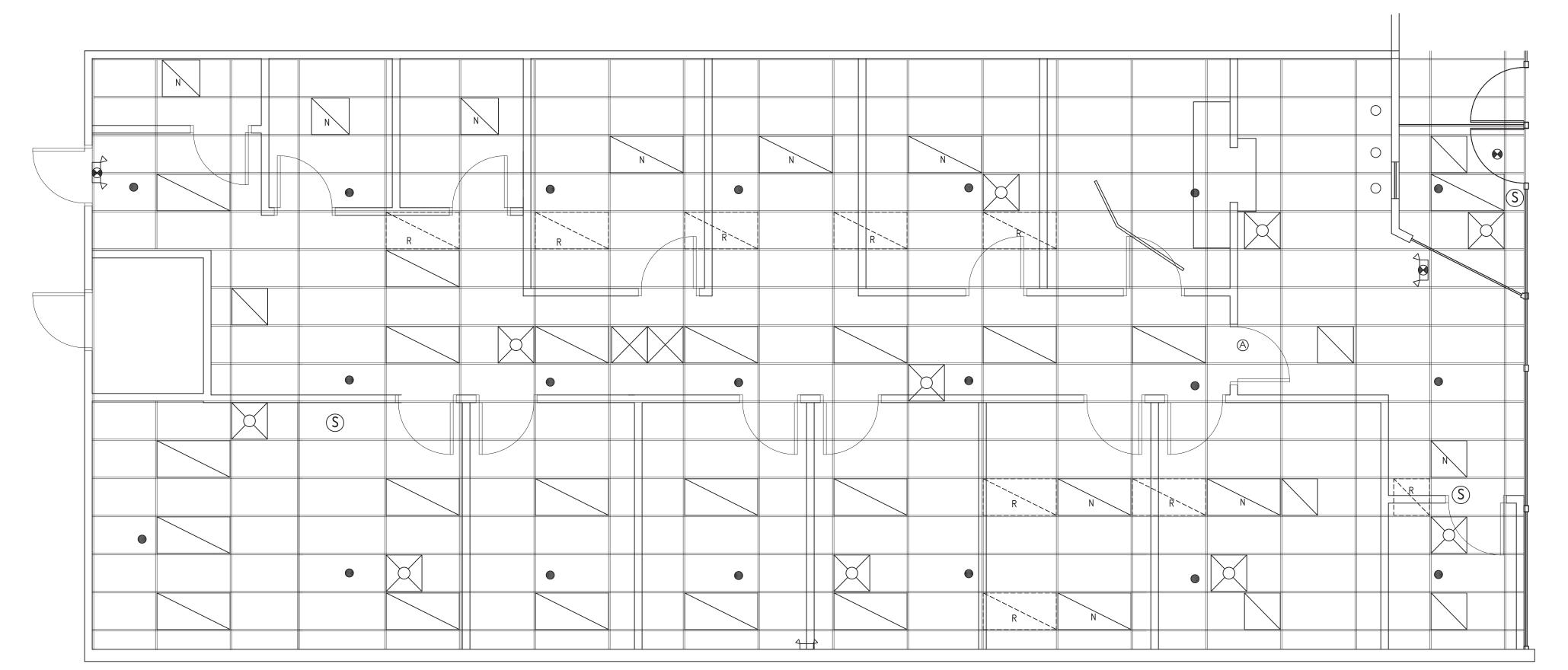
<u>LEGEND</u>

	<u>. = _</u>
⊗	EXIT SIGN
0	CAN LIGHT
	SPRINKLER HEAD
(A)	ALARM SENSOR
(S)	SMOKE DETECTOR
	EMEGENCY LIGHT
	EXIT SIGN WITH EMERGENCY
	SUPPLY DIFFUSER
	AIR RETURN
	FLUORESCENT LIGHT FIXTUR
 	RELOCATED LIGHT FIXTURE
/2	NEW LIGHT FIXTURE
	LIGHT TRACK

0 \triangle

EXISTING REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



PROPOSED REFLECTED CEILING PLAN SCALE: 1/4" = 1'-0"

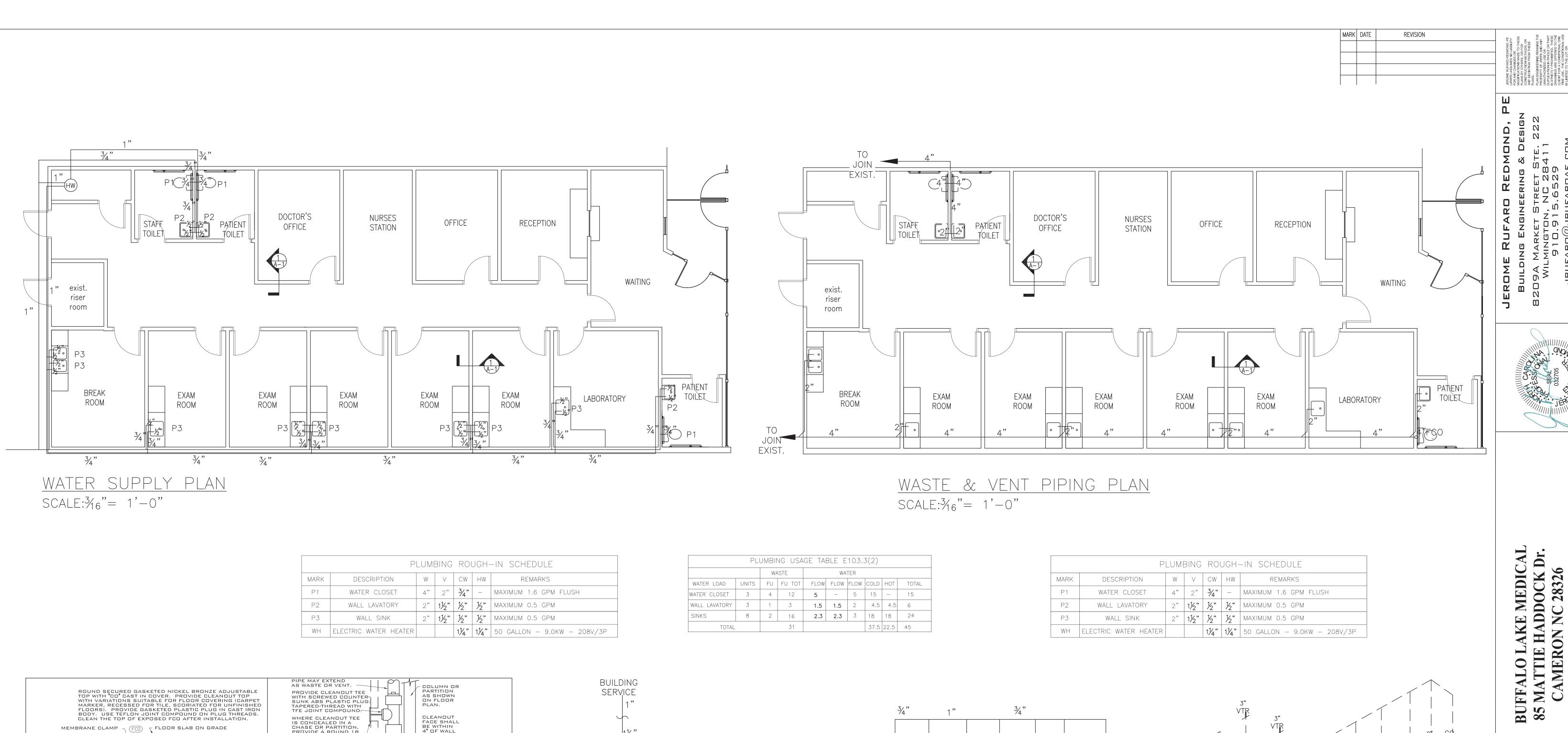
the building is equipped with an automatic fire sprinkler system and fire alarm system

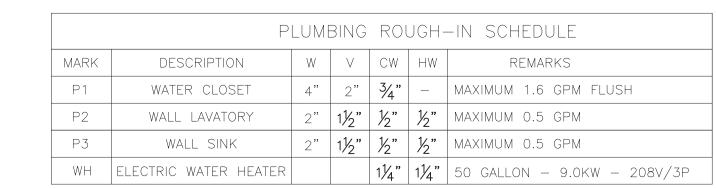
DRAWING TITLE REFLECTED CEILING PLANS

DRAWN BY: KAM CHECKED BY: JRR SCALE:

SHEET **B4**

3.21.18







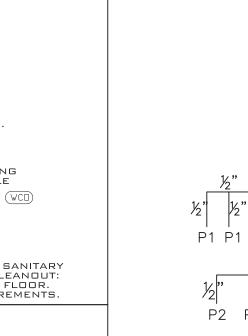
BUILDING

SERVICE

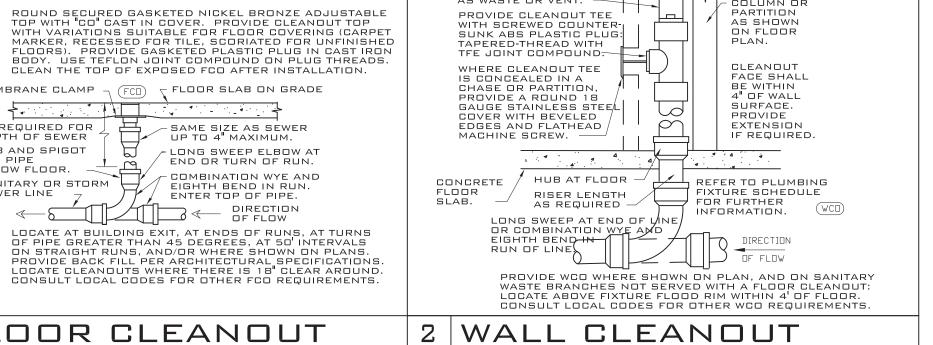
RISER DIAGRAM - COLD WATER PIPING

	PLI	PLUMBING USAGE TABLE E103.3(2)						
		W.A	WASTE		WATER			
WATER LOAD	UNITS	FU	FU TOT	FLOW	FLOW	FLOW	COLD	НОТ
WATER CLOSET	3	4	12	5	_	5	15	_
WALL LAVATORY	3	1	3	1.5	1.5	2	4.5	4.5
SINKS	8	2	16	2.3	2.3	3	18	18
TOTAL			31				37.5	22.5

l l	WITH SCREW SUNK ABS F TAPERED-TH TFE JOINT C WHERE CLEA IS CONCEAL CHASE OR F PROVIDE A F	R VENT. EANOUT TEE //ED COUNTER- PLASTIC PLUG: PREAD WITH COMPOUND. ANOUT TEE ED IN A PARTITION, ROUND 18 NLESS STEEL BEVELED FLATHEAD		COLUMN C PARTITION AS SHOWN ON FLOOR PLAN. CLEANDUT FACE SHAI BE WITHIN 4" OF WALI SURFACE. PROVIDE EXTENSIOI IF REQUIR		
	FLOOR	HUB AT FLOOR — RISER LENGTH AS REQUIRED —	REF	ER TO PLUM FURE SCHED FURTHER		







Р3

NOT TO SCALE

MEMBRANE CLAMP 7 (FCD) 7 FLOOR SLAB ON GRADE

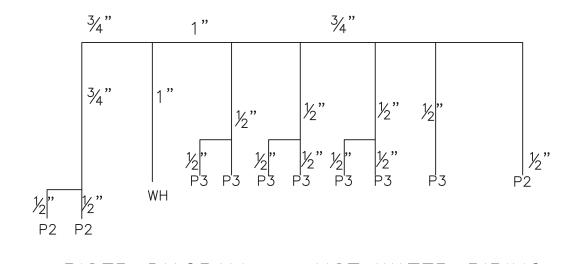
FLOOR CLEANOUT

AS REQUIRED FOR DEPTH OF SEWER HUB AND SPIGOT PVC PIPE BELOW FLOOR.

SANITARY OR STORM SEWER LINE 7

NOT TO SCALE

WH ELECTRIC WATER HEATER



RISER DIAGRAM - HOT WATER PIPING SCALE: NONE



SCALE: NONE

DRAWING	TITLE
WATER &	WASTE
SUPPLY.	RISER
DIAGR	AMS

DRAWN E	3Y:	KAM
CHECKED	BY:	JRR
SCALE:	3,	/16"=1
DATE:		3.21.18
PROJECT	SHEET	
TW018083	P'	

P2 P2

SCALE: NONE

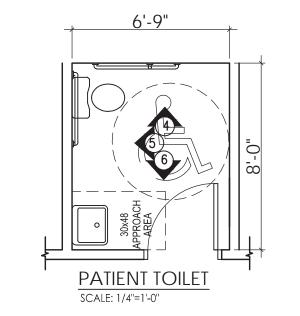
PLUMBING DETAILS AND NOTES

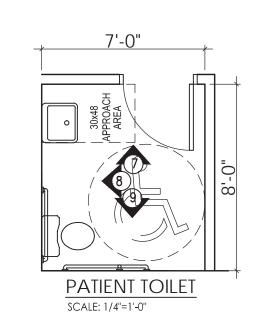
DRAWN BY: SCALE:

DATE: 3.21.18 SHEET

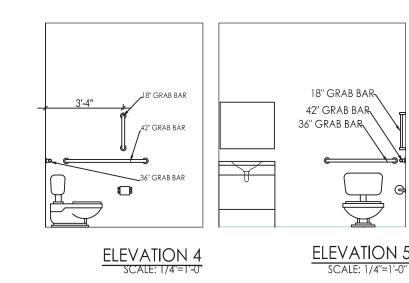
PROJECT

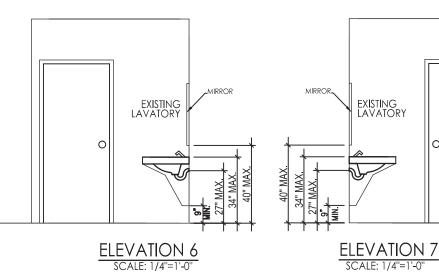
STAFF TOILET

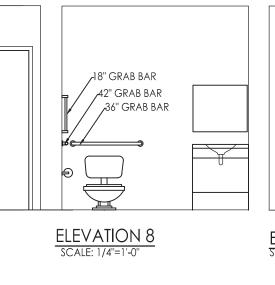


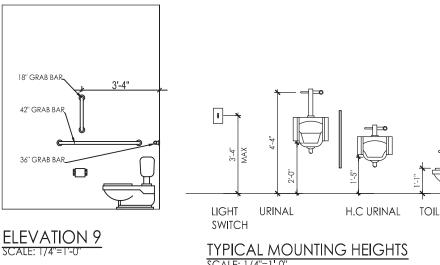


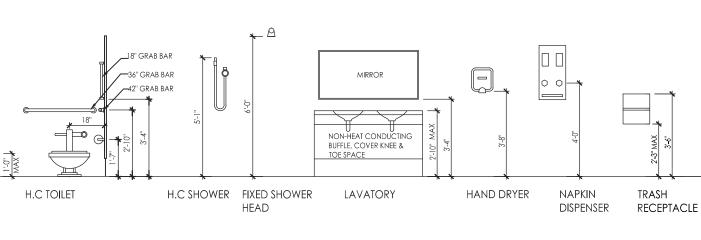
SCALE: 1/4"=1'-0" 36" GRAB BAR











DIVISION 15A - PLUMBING

ELEVATION

1.1 DESECRATION OF THE WORK

ELEVATION 2

A. WORK UNDER THIS SECTION INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, FURNISHING AND INSTALLING THE FOLLOWING:

ELEVATION 3
SCALE: 1/4"=1'-0"

- 1. PLUMBING FIXTURES, WATER HEATERS, AND ANY OTHER EQUIPMENT NECESSARY.
- 2. COLD AND HOT WATER PIPING AND INSULATION. 3. DWV PIPING.
- B. ALL WORK UNDER THIS CONTRACT SHALL BE INSTALLED IN COMPLIANCE WITH THE LATEST EDITION OF THE FOLLOW CODES AND STANDARDS INSOFAR AS THEY APPLY.
 - 1. THE NATIONAL ELECTRICAL CODE
 - 2. 2006 N.C. BUILDING CODE
 - 3. AMERICAN SOCIETY OF SANITARY ENGINEERING STANDARD
 - 1010. 4. ALL LOCAL CODES AND ORDINANCES.
- C. THESE CODES ARE MINIMUM STANDARDS. IF CODES REQUIRE A MORE STRINGENT METHOD OF CONSTRUCTION THAN THE SPECIFICATION REQUIRE, THE CODES SHALL GOVERN.
- D. THE PLUMBING CONTRACTOR SHALL BE LICENSED IN THE STALE OF NORTH CAROLINA AND HAVE ALL LOCAL LICENSES REQUIRED FOR THE WORK.
- E. OBTAIN ALL PERMITS, LICENSES, INSPECTIONS, ETC., REQUIRED FOR THE WORK, AND PAY FOR THE SAME.

1.2 INTENT

A. THE INTENT OF THESE SPECIFICATION AND ACCOMPANYING DRAWINGS IS TO CONVEY AS REASONABLY AS POSSIBLE THE REQUIREMENTS FOR A COMPLETED JOB READY FOR A COMPLETED JOB READY FOR THE BUILDING TO OPERATE. THE PLUMBING CONTRACTOR SHALL TAKE THIS INTO CONSIDERATION AND INCLUDE IN THIS BASE BID ALLOWANCE FOR CONTINGENCIES AS WELL ALLOW HIM TO PROVIDE MINOR PIECES OF EQUIPMENT AND LABOR NOT SPECIFICALLY ADDITIONAL COST TO THE OWNER.

1.3 COORDINATION

- A. COORDINATE WORK WITH OTHER CONTRACTORS. NOTIFY ARCHITECT OF APPARENT CONFLICTS EARLY TO EXPEDITE CONSTRUCTION. IF STRUCTURAL DAMAGE APPEARS IMMINENT, STOP WORK AND NOTIFY ARCHITECT FOR A DECISION BEFORE RESUMING OPERATIONS.
- B. LOCATIONS SHOWN ARE APPROXIMATE. THE PLUMBING CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR PLACEMENT OF EQUIPMENT, FIXTURES, AND ETC., THE EXACT LOCATION FROM THE ARCHITECT.

1.4 SHOP DRAWINGS

A. Shop drawings shall be submitted for plumbing fixtures and FOR PIPE. THESE MAY CONSIST OF THE MANUFACTURER'S STANDARD CATALOG OR TEAR SHEETS AND SHALL HAVE THE EXACT ITEMS BEING OFFERED CLEARLY IDENTIFIED.

PART 2 -PRODUCTS NOTE,

2.1 FIXTURES

A. EACH FIXTURE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AS REQUIRED TO THE END EFFECT THAT ALL FIXTURES AND ACCESSORIES WILL BE HELD RIGIDLY IN PLACE. WATER PIPES SUPPLYING THE FIXTURES MUST ALSO BE HELD RIGIDLY IN PLACE.

2.1 FIXTURES

- A. EACH FIXTURE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AS REQUIRED TO THE END EFFECT THAT ALL FIXTURES AND ACCESSORIES WILL BE HELD RIGIDLY IN PLACE. WATER PIPES SUPPLYING THE FIXTURES MUST ALSO BE HELD RIGIDLY IN PLACE.
- B. PROVIDE LOOSE KEY ANGLE STOPS AND CHROME PLATED SUPPLY PIPE WATER SUPPLIES TO FIXTURES,
- C. ALL EXPOSED PIPING TRAPS AND ACCESSORIES FOR FIXTURES SHALL BE CHROME PLATED, PROVIDE CHROME PLATED ESCUTCHEON PLATES WHERE PIPES ENTER WALLS.
- D. PROVIDE SHUTOFF VALVES FOR ALL SINKS, WATER HEATERS, TOILETS, DISHWASHER, REFRIGERATOR, ICEMAKER, AND EXTERIOR HOSE BIBBS.

2.2 PIPING

- A. DRAIN WASTE: ALL WASTE PIPING SHALL BE SCHEDULE 40 PVC-DWV.
- B. HOT AND COLD WATER PIPING ABOVE GRADE. EITHER TYPE "L" COPPER WITH SOLDERS JOINTS WITH WROUGHT COPPER FITTINGS (ANISI B 16.22) WITH SOLDER JOINTS. (ASTM-88P). HARD DRAWN WITH WROUGHT COPPER FITTINGS (ANSI B16.22), PEX WITH COMPRESSION FITTINGS (ASTM F1281), CPVC (ASTM D2846)
- C. COLD WATER PIPING BELOW GRADE: TYPE "K" COPPER (ASTM-88A) SOFT DRAWN.
- D. HANGERS: USE PIPE HANGERS WHERE REQUIRED ON 8-FOOT CENTERS SADDLES TO AVOID CRUSHING INSULATION.
- E. Solder: 95/5.
- F. UNIONS: PROVIDE UNION WHERE INDICTED ON DRAWINGS. IN LONG RUNS OF PIPING (EXCEPT DRAINAGE), AND AT EQUIPMENT TO PROVIDE CONVENIENT DISASSEMBLY. PROVIDE DIELECTRIC UNION WHEN CONNECTING COPPER TUBING TO EQUIPMENT AND PIPING MADE OF FERROUS MATERIALS.

2.3 CLEANOUTS

A. HEX PLUGS IN ROUGH AREAS: RECESSED PLUGS WITH BRASS COVER

2.4 SHOCK ARRESTERS

A. PROVIDE SHOCK ARRESTERS AS REQUIRED BY CODES, MANUFACTURES RECOMMENDATIONS AND ACCEPTED INDUSTRY STANDARDS FOR QUALIFY CONSTRUCTION. PROVIDE ON ALL LINES WITH QUICK CLOSING VALUES.

PART 3 - EXECUTION

PLATES IN EXPOSED LOCATION.

3.1 CONNECTIONS

A. THIS CONTRACT INCLUDES COMPLETE CONNECTION OF COLD WATER, HOT WATER, DRAINAGE, AND VENT PIPING AS REQUIRED. ALL FITTINGS VALVES, ACCESSORIES, CUTOFFS, DRAINS, ETC., REQUIRED TO COMPLETE SUCH CONNECTIONS SHALL BE INCLUDED.

B. THE CONNECTION TO WATER CLOSETS SHALL BE MADE WATER TIGHT WITH GASKET AND WAX RING. FLOOR FLANGES SHALL BE CAULKED INTO POSITION. PLASTIC CAPS SHALL BE PROVIDED ON THE TIE DOWN BOLTS, AND SHALL BE SECURED IN PLACE BY SCREWING DOWN ON THREADED BRASS WASHERS.

C. Where water pipes connect to exposed chrome plated TRIM, USE PROPER CHROME PLATED ESCUTCHEONS.

3.2 SERVICE ACCESS

A. ALL VALVES AND ACCESSORIES SHALL BE INSULATED SO THAT THEY CAN BE PROPERLY SERVICED. IN NO CASE SHALL THE PLUMBING CONTRACTOR INSTALL EQUIPMENT OR OTHER COMPONENT IN SITUATIONS THAT DO NOT MEET CODE REQUIREMENTS OR MANUFACTURER'S REQUIREMENTS. PROVIDE ACCESS DOORS AS REQUIRED TO ACCESS VALVES, ETC.

3.3 ROUTING OF PIPING

- A. COORDINATE ROUTING OF PIPING WITH OTHERS; LINE UP WORK TRUE TO OR AT RIGHT ANGLE TO ADJACENT SURFACES AND IN WORKMANLIKE MANNER. SUPPORT ALL INTERIOR PIPING FROM BUILDING STRUCTURE BY MEANS OF HANGER OR INSERTS TO MAINTAIN PITCH OF LINES TO PREVENT VIBRATION, AND TO SECURE PIPING PLACE.
- B. Space pipe hangers $\mathbf{8}'$ $\mathbf{0}''$ on center for one inch and SMALLER PIPE, 4' - 0" ON CENTER FOR 1-1/4 INCH AND LARGER PIPE. PROVIDE EXPANSION LOOPS AS REQUIRED.
- C. PIPE HANGERS FOR INSULATED LINES SHALL HAVE SUITABLE SADDLES TO PROTECT INSULATION.

3.4 INSULATION

A. ALL H/W AND C/W PIPING SHALL BE INSULATED WITH A MIN. OF 5/8" INCH ELECTROMETRIC INSULATION AND WITHIN BUILDING INSULATION. SEE NCSBC FOR REQUIREMENTS.

3.5 INSPECTION AND TESTS

- A. BEFORE BEING CONCEALED, ALL WATER, SOIL AND VENT PIPING SHALL BE TESTED TO DETERMINE IF THEY ARE WATER, AND AIRTIGHT.
- B. PRIOR TO PLACING INTO SERVICE, ENTIRE SYSTEM SHALL BE TESTED FOR LEAKS IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES.

3.6 STERILTZATION OF PIPING

A. STERILIZE THE ENTIRE WATER SYSTEM THOROUGHLY WITH A SOLUTION CONTAINING NOT LESS THAN 50 PARTS PER MILLION OF AVAILABLE CHLORINE, USING LIQUID CHLORINE, OR SODIUM HYDROCHLORIDE SOLUTION. INTRODUCED INTO THE SYSTEM IN AN APPROVED MANNER. THE STERILIZING SOLUTION SHALL REMAIN IN THE SYSTEM IN AN APPROVED MANNER. THE STERILIZING SOLUTION SHALL REMAIN IN THE SYSTEM FOR A PERIOD OF 24 HOURS. AFTER STERILIZATION, FLUSH THE SOLUTION FROM THE SYSTEM WITH CLEAN WATER UNTIL THE RESIDUAL CHLORINE CONTENT IS NOT GREATER THAN 0.2 PARTS PER MILLION, UNLESS OTHERWISE DIRECTED.

3.7 DRAINDOWN

A. CONTRACTOR TO PROVIDE FOR COMPLETE PLUMBING SYSTEM DRAIN DOWN.

3.8 CLEAN UP

A. DURING CONSTRUCTION, KEEP THE SITE CLEAR OF DEBRIS AND UPON COMPLETION, AND BEFORE FINIAL INSPECTION, CLEAN UP THE PREMISES TO REMOVE ALL EVIDENCE OF HIS WORK. IN ADDITION, UPON COMPLETION OF CONSTRUCTION, CLEAN, WASH, AND OR POLISH ALL FIXTURES, EQUIPMENT AND EXPOSED MATERIAL AND LEAVE THEM BRIGHT AND CLEAN.

3.9 GUARANTEES

the building is equipped with an automatic fire sprinkler system and fire alarm system

A. GUARANTEE ALL MATERIALS AND LABOR INCLUDED IN THE PLUMBING WORK FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER.

B. ANY DEFECTS IN THE SYSTEM, WHICH BECOME EVIDENT DRAIN THE GUARANTEE PERIOD SHALL BE CORRECTED WITHOUT COST TO THE OWNER. THIS SHALL INCLUDE THE REPLACING OF DEFECTIVE MATERIALS WHERE REQUIRED, AND THE REPAIR OF DAMAGE CAUSED BY LEAKING PIPES, ETC., AND DAMAGE TO BUILDING SURFACES CAUSED IN MAKING REPAIRS.

WALLS - SMOOTH & WASHABLE, FRP BOARD IN WET AREAS

CEILING - SMOOTH & WASHABLE GLOSS PAINT ON ALL CEILINGS

FLOORS - COMMERCIAL GRADE MASONRY TILES AND COMMERCIAL GRADE VCT TILES WHERE NOTED

COUNTERS - OR CABINETS MUST NOT CONTAIN ANY HOLLOW BASE VOIDS & MUST BE CONSTRUCTED OF NON ABSORBENT WASHABLE FINISHES FRONT & BACK WITH NO CREVICES.

ALL PLUMBING - ELECTRICAL LINES TO BE IN THE WALLS

DRAWING TITLE

CHECKED BY: JRR 1/4"=1'

TW018083

ELECTRICAL PLAN/MECHANICAL LAYOUT

SCALE: 1/4'' = 1'-0''

MECHANICAL NOTES

1. THERMAL ZONE 4A

AIR CIRCULATION

2. INDOOR DESIGN CRITERIA: SUMMER DRY BULB: 75 F WINTER DRY BULB: 68 F RELATIVE HUMIDITY: 50% 3. OUTDOOR DESIGN CRITERIA: SUMMER DRY BULB: 95 F WINTER DRY BULB: 20 F 4. COOLING LOAD: 46,680 BTU (3.8 Tons) 5. HEATING LOAD: 39,315 BTU 6. EXISTING 4.0T SYSTEM SUFFICIENT. CONTRACTOR TO VERIFY MINIMUM FRESH AIR INTAKE OF 390 CFM. 7. PROVIDE EF1 EXHAUST FAN FOR 70 CFM BATHROOM EXHAUST. 8. UNDERCUT ALL DOORS $\frac{3}{4}$ " FOR SUFFICINET

MAXIMUM OCCUPANCY (NEW)	24						
FRESH AIR CALCULATIONS							
SPACE	NET AREA (FT ²)	EXHAUST	DENSITY	RP	RA	Pz	V
ENTRY	50		30	5	0.06	2.00	1
WAITING	245		30	5	0.06	8.00	5
LAB	164		30	5	0.06	5.00	3
EXAM ROOM 104	122		1 🗆	5	0.06	2.00	1
EXAM ROOM 105	122		1 🗆	5	0.06	2.00	1
EXAM ROOM 106	122		1 🗆	5	0.06	2.00	1
EXAM ROOM 107	122		1 🗆	5	0.06	2.00	1
EXAM ROOM 108	122		1 🗆	5	0.06	2.00	1
BREAK	147		30	5	0.06	5.00	3
NURSES	106		1 🗆	5	0.06	2.00	1
OFFICE	122		1 🗆	5	0.06	2.00	1
RECEPTION	128		30	5	0.06	4.00	2
HALLWAY	415		1 🗆	5	0.06	5.00	5
OFFICE	122		1 🗆	5	0.06	2.00	1
RESTROOMS	3	70					21
TOTAL REQUIRED OUTDOOR AIR FLOW RATE (CFM)							39

ELECTRICAL NOTES

1. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL LOCAL CODES HAVING JURISDICTION.

2. ALL BRANCH CIRCUIT CONDUCTORS TO BE COPPER (SERVICE CONDUCTORS MAY BE ALUMINUM WITH SAME AMPACITY AS COPPER CONDUCTORS. RE-SIZE CONDUCTORS AND CONDUIT PER NEC.) 3. ALL WIRES TO BE 2 #12, 1 #12 GND IN %" EMT

CONDUIT UNLESS OTHERWISE NOTED. RIGID CONDUIT REQUIRED WHERE EXPOSED BELOW 8 FEET A.F.F. 4. ALL EMPTY CONDUIT RUNS IN EXCESS OF 10

FEET SHALL BE PROVIDED WITH A PULL WIRE OR FISH TAPE/CORD.

5. CONTRACTOR SHALL VERIFY ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.

6. ALL BRANCH CIRCUIT CONDUCTORS FROM THE PANEL TO THE FIRST OUTLET SHALL BE INCREASED TO THE NEXT LARGER SIZE WHERE THE LENGTH OF THE HOME RUN EXCEEDS 100 FEET ON 120 AND 208 VOLT CIRCUIT.

7. THE CORRECT NUMBER OF WIRES MAY NOT BE INDICATED FOR ALL CIRCUITS. ONLY THOSE WHERE CLARIFICATION IS NECESSARY. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL WIRES NECESSARY FOR THE PROPER FUNCTION OF THE SYSTEM WHETHER INDICATED ON DRAWINGS OR NOT.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTLY PHASING THE CIRCUITS IN THE PANELBOARDS.

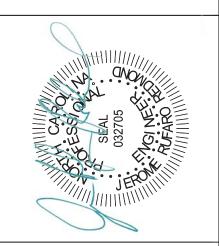
THREE PHASE CIRCUITS MAY BE COMBINED IN ONE CONDUIT WITH A COMMON NEUTRAL PROVIDED EACH CIRCUIT IS ON A DIFFERENT PHASE.

9. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE TYPE OF CEILING SYSTEM WITH THE GENERAL CONTRACTOR TO INSURE THAT THE LIGHTING FIXTURES ARE COMPATIBLE WITH THE CEILING SYSTEM BEING INSTALLED. LIGHTING FIXTURES SHOULD NOT BE ORDERED UNTIL TYPE OF CEILING HAS BEEN VERIFIED.

10. ELECTRICAL REQUIREMENTS INDICATED ON DRAWINGS MAY DIFFER FROM ACTUAL EQUIPMENT FURNISHED. IF FURNISHED EQUIPMENT DIFFERS FROM RATINGS ON DRAWINGS CONTRACTOR SHALL NOTIFY ENGINEER FOR APPROPRIATE ACTION TO BE TAKEN.



EDMOND, JEROME Buildin



LEGEND

<u>SYMBOL</u> <u>DES</u>	CRIPTION
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LUMINAIRE REQUIREMENTS

INTERNALLY ILLUMINATED SIGNS,)

PROVIDE UNIVERSAL MOUNTING.

ADJUSTABLE

So

'A'-1

FOR LED'S OR INTERNAL LED ILLUMINATION.

AREAS SHALL HAVE UL LABEL AS INDICATED. PROVIDE INTERNAL GREEN GROUNDING SCREW.

PROVIDE TEST BUTTON IN BOTTOM OF HOUSING

ON NORMAL POWER OR ON BATTERY POWER.

SKETCH DATE NOV 1996 CLNC STYLE

TEMPERATURE NICKEL CADMIUM.

5.) LISTING: UL DAMP LOCATION.

ALUMINUM, STEEL, THERMOPLASTIC OR POLYCARBONATE HOUSING BRUSHED ALUMINUM, THERMOPLASTIC OR STEEL STENCIL WITH LETTERS 6 INCHES TALL & 3/4 INCH WIDE STROKES AND PUNCH-OUT FACE

RED ILLUMINATION PROVIDED BY LIGHT EMITTING DIODES (LED). APPROXIMATELY 120 LED'S PER FACE. (NOT REQUIRED FOR

CLEAR PROTECTIVE NON-BREAKABLE LENS TO PROTECT LED'S.

PROVIDE SINGLE OR DOUBLE FACE AS INDICATED ON PLANS

PROVIDE FAILURE, BROWN OUT PROTECTION & SURGE PROTECTION. PROVIDE NI—CAD BATTERY POWER & SOLID STATE TYPE CHARGER. PROVIDE UNIVERSAL ARROWS & BLANK—OFF PLATES.

UNITS MOUNTED EXPOSED TO THE ELEMENTS OR IN CLASSIFIED

PROVIDE INDICATOR LIGHTS IN FACE TO INDICATE WHEN UNIT IS

16. SWITCHING AND CONTROLS-FULLY AUTOMATIC, 90 MINUTE OPERATION. COMPLETELY SOLID STATE WITH AUTO TRANSFER AND LOW VOLTAGE

LED EXIT SIGN

BATTERY PACK NOTES 1.) LUMINAIRE: EXISTING, 6 LAMP FLUORESCENT HIGH BAY,

2.) BATTERY TYPE: SEALED MAINTENANCE FREE, HIGH

3.) CONSTRUCTION: FIELD INSTALLED MOUNTS CONCEALED WITHIN FIXTURE WIREWAY FOR CLEAN APPEARANCE &

4.) OPERATION: PROVIDES GLARE FREE ILLUMINATION FOR MINIMUM OF 90 MINUTES UPON INTERRUPTION OF NORMAL

HOUSING SHALL HAVE A MATTED WHITE FINISHED, EXCEPT AS SPECIFIED OTHERWISE.
15. LAMP HEADS (ROUND OR RECTANGULAR) AND SHALL BE FULLY

CUTOFF. TEST SWITCH AND HIGH RATE INDICATING LIGHT.

(NOT REQUIRED FOR INTERNALLY ILLUMINATED SIGNS,)

OVERHEAD ELECTRICAL SECONDARY: EXISTING. -SEE THIS SHEET FOR

1. UNIT NOT AVAILABLE WITH WET LABEL. 2. UNIT IS AVAILABLE WITH DAMP LABEL.

NL-61A

PANELBOARD: EXISTING. -SEE THIS SHEET FOR DETAILS.

PANELBOARD: NEW. -SEE THIS SHEET FOR DETAILS.

HOMERUN TO PANEL: NEW. - ALPHANUMERICS INDICATE PANELBOARD & CIRCUIT NUMBER.

BRANCH CIRCUIT WIRING IN CONDUIT RECESSED WITHIN WALLS & ABOVE CEILING. MIN. 2-#12, 1-#12 EGC IN 3/4" C. .

> SAME AS ABOVE EXCEPT HASH MARKS (| | |) INDICATE NUMBER OF CURRENT CARRYING CONDUCTORS MORE THAN TWO. .

TELEPHONE & DATA OUTLET

RECEPTACLE: NEW, 20A, 120V

RECEPTACLE: NEW, 20A, 120V, GFCI. ALPHANUMERICS INDICATE PANELBOARD & CIRCUIT CONNECTION. -SEE THIS SHEET FOR DETAILS.

QUADRAPLEX RECEPTACLE: NEW, 20A, 120V

LUMINAIRE: NEW 2'X4' 2 LAMP FLUORESCENT HIGH BAY, 120V, WITH CONTRACTOR PROVIDED EMERGENCY BATTERY PACK. -SEE THIS SHEET FOR DETAILS.

COMBINATION EXIT/EMERGENCY LUMINAIRE: NEW, NL-61A, 120V. .

LIGHTING CONTROL: NEW, 120V. —SEE THIS LC SHEET FOR DETAILS.

SWITCH WITH OCCUPANCY SENSOR

EXHAUST FAN - 50 CFM 65W 115V EF

CHECKED BY: JRR SCALE:

> DATE: PROJECT IN017132

DRAWING TITLE

MECHANICAL

LAYOUT

DRAWN BY:

ELECTRICAL PLAN

NOTES & SPECS

3.21.18

KAM

1/4"=1'

HAZ FF. CA BU 85

CAL Dr.

MEDICADOCK D