2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJEC	TS	
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND NAME OF PROJECT: <u>T &amp; L COATS BUILDING #2 (TENANT SPACES 2 &amp; 3)</u>	) TOWNHOUSES)	
ADDRESS: HIGHWAY 27 COATS	ZIP CODE: 27527	
OWNER/AUTHORIZED AGENT:       ROBERT BAREFOOT       PHONE #: (910) 890         OWNED BY:       I CITY/COUNTY       PRIVATE	3256 EMAIL: WRBAREFOOT@YAHOC	. <u>COM</u>
	NETT STATE	
LEAD DESIGN PROFESSIONAL: CRUSE & ASSOCIATES, P.A. DESIGNER FIRM NAME	LICENSE # TELEPHONE NO.	E-MAIL
ARCHITECTURAL BUILDING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE	18909 910-892-4429	RCRUSE@CRUSEASSOCIATES.COM
CIVIL ELECTRICAL CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE	18909 910-892-4429	RCRUSE@CRUSEASSOCIATES.COM
FIRE ALARM PLUMBING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE	18909 910-892-4429	RCRUSE@CRUSEASSOCIATES.COM
MECHANICAL       CRUSE & ASSOCIATES, P.A.       RANDY CRUSE, PE         SPRINKLER-STANDPIPE	<u>18909</u> <u>910-892-4429</u> <u>18909</u> <u>910-892-4429</u>	RCRUSE@CRUSEASSOCIATES.COM
OTHER ("OTHER" SHOULD INCLUDE FIRMS AND INDIVIDUALS SUCH AS TRUSS, PRECAST, PRE-		
2018 EDITION NC BUILDING CODE: New Building		3, ETC.)
IST TIME INTERIOR COMPLETIONS	_	
SHELL/CORE-CONTACT THE LEAD INSPECTION J PROCEDURES & REQUIREMENTS	URISDICTION FOR POSSIBLE ADDITIONA	
PHASED CONSTRUCTION-SHELL/CORE-CONTACT FOR POSSIBLE ADDITIONAL PROCEDURES & REQ		FOR
	CHAPTER 14	
HISTORIC PROPERTY CHANGE OF USE		
CONSTRUCTED: (DATE) CURRENT OCCUPANCY(S): (CH. 3) RENOVATED: (DATE) PROPOSED OCCUPANCY(S) (CH. 3):		
BASIC BUILDING DATA:   PROPOSED:   I   II   III   IV     CONSTRUCTION TYPE:   I   -A   III-A   III-A   IV   V-A		
SPRINKLERS: X NO PARTIAL YES NFPA 13 NFPA 13 STANDPIPES: X NO YES CLASS I III III WET DRY		
PRIMARY FIRE DISTRICT: 🖾 NO 🗀 YES 🛛 FLOOD HAZARD AREA: 🗀 NO 🗀 YES		
SPECIAL INSPECTIONS REQUIRED: IN IN IN YES (CONTACT THE LOCAL INSPECTION JU PROCEDURES & REQUIREMENTS)	JRISDICTION FOR ADDITIONAL	
GROSS BUILDING AREA:	·	
FLOOR EXISTING (SQ FT) NEW (SQ FT) 3RD FLOOR	SUB-TOTAL	TOTAL BUILDING = 7,000 SQ. FT. EXISTING TENANT 1 = 1,750 SQ. FT.
2ND FLOOR		TENANT 2 = 1,750 SQ. FT. TENANT 3 = 1,750 SQ. FT.
1ST FLOOR		EXISTING TENANT 4 = 1,750 SQ. FT.
TOTAL GROSS AREA: 7,000		
ALLOWABLE AREA		
ALLOWABLE AREA PRIMARY OCCUPANCY CLASSIFICATION(S): ASSEMBLY		
PRIMARY OCCUPANCY CLASSIFICATION(S): ASSEMBLY		
PRIMARY OCCUPANCY CLASSIFICATION(S): ASSEMBLY		
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS       Image: Company of the second sec	□ H—4 HEALTH □ H—5 HPM	
PRIMARY OCCUPANCY CLASSIFICATION(S):ASSEMBLY $A-1$ $A-2$ $A-3$ $A-4$ $A-5$ BUSINESS $\Box$ EDUCATIONAL $\Box$ FACTORY $F-1$ MODERATE $F-2$ LOWHAZARDOUS $\Box$ $H-1$ DETONATE $H-2$ DEFLAGRATE $H-3$ INSTITUTIONAL $\Box$ $I-1$ CONDITION $1$ $2$ $\Box$ $I-2$ CONDITION $1$ $2$		
PRIMARY OCCUPANCY CLASSIFICATION(S):ASSEMBLY $A-1$ $A-2$ $\blacksquare$ $A-4$ $A-5$ BUSINESS $\square$ EDUCATIONAL $\square$ FACTORY $F-1$ MODERATE $F-2$ $LOW$ HAZARDOUS $\square$ $\square$ $\square$ $\square$ INSTITUTIONAL $\square$ <td></td> <td></td>		
PRIMARY OCCUPANCY CLASSIFICATION(S):ASSEMBLY $A-1$ $A-2$ $\square A-3$ $\square A-4$ $\square A-5$ BUSINESS $\square$ EDUCATIONAL $\square$ FACTORY $\square$ $\square$ $\square$ FACTORY $\square$ $\square$ $\square$ HAZARDOUS $\square$ $\square$ $\square$ INSTITUTIONAL $\square$ <td></td> <td></td>		
PRIMARY OCCUPANCY CLASSIFICATION(S):ASSEMBLY $A-1$ $A-2$ $\square A-3$ $A-4$ $A-5$ BUSINESS $\square$ EDUCATIONAL $\square$ FACTORY $\square$ $\square$ $\square$ FACTORY $\square$ $\square$ $\square$ HAZARDOUS $\square$ $\square$ $\square$ INSTITUTIONAL $\square$ <tr< td=""><td>□ 5</td><td></td></tr<>	□ 5	
PRIMARY OCCUPANCY CLASSIFICATION(S):ASSEMBLY $A-1$ $A-2$ $\boxtimes A-3$ $A-4$ $A-5$ BUSINESS $\square$ EDUCATIONAL $\square$ FACTORY $F-1$ MODERATE $F-2$ $LOW$ HAZARDOUS $\square$ $\square$ $\square$ $\square$ INSTITUTIONAL $\square$ <td></td> <td></td>		
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS       Image: Construction of the state of the	□ 5 IR GARAGE	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       Image: A-3       Image: A-4       Image: A-5         BUSINESS       Image: Busines       Image: Business	□ 5 IR GARAGE	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY	□ 5 IR GARAGE	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY	□ 5 IR GARAGE	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY	□ 5	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE IR GA	
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS	THE BUILDING SHALL BE DETERM FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE C	DCUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS	THE BUILDING SHALL BE DETERM FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXC	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       X A-3       A-4       A-5         BUSINESS	THE BUILDING SHALL BE DETERM FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE O IOS OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXI	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{10} \leq 1$	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       I       A-1       I       A-2       I       A-4       I       A-5         BUSINESS       I       EDUCATIONAL       I       I       A-2       I       A-4       I       A-5         BUSINESS       I       FACTORY       F-1       MODERATE       F-2       LOW         HAZARDOUS       I       H-1       DETONATE       H-2       DEFLAGRATE       H-3       COMBUST         INSTITUTIONAL       I       I-1       CONDITION       1       I       2       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I       I	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $(D)$	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY         A-1   A-2   ⊠ A-3   A-4   A-5         BUSINESS                 EDUCATIONAL                 FACTORY         F-1 MODERATE         F-2 LOW         HAZARDOUS         H-1 DETONATE         H-2 COMBUST         INSTITUTIONAL         I-1 CONDITION         1   2           I-2 CONDITION         1   2         3   4           I-4       RESIDENTIAL         R-1         R-2           RESIDENTIAL         R-1         R-2         R-4         STORAGE         S-1         ACCUASSIFICATION(S):         INCIDENTAL USES(CABLE           WERDARCE         S-1         R-1         R-2         R-3         R-4         SPECIAL USES(CHAPTER 4-LIST CODE SECTIONS):	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE O TOS OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac$	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       XI A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup>	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY         A-1   A-2   ⊠ A-3   A-4   A-5         BUSINESS                 EDUCATIONAL                 FACTORY         F-1 MODERATE         F-2 LOW         HAZARDOUS         H-1 DETONATE         H-2 COMBUST         INSTITUTIONAL         I-1 CONDITION         1   2           I-2 CONDITION         1   2         3   4           I-4       RESIDENTIAL         R-1         R-2           RESIDENTIAL         R-1         R-2         R-4         STORAGE         S-1         ACCUASSIFICATION(S):         INCIDENTAL USES(CABLE           WERDARCE         S-1         R-1         R-2         R-3         R-4         SPECIAL USES(CHAPTER 4-LIST CODE SECTIONS):	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE O TOS OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\frac{3}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\leq 1$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac$	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       XI A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup>	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY       A-1       A-2       XI A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXO $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup>	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMBLY         A-1   A-2   X A-3   A-4   A-5         BUSINESS                 FACTORY         F-1 MODERATE   F-2 LOW         HAZAROOUS         H-1 DETONATE   H-2 DEFLAGRATE   H-3 COMBUST         INSTITUTIONAL         H-1 CONDITION   1   2           I-2 CONDITION   1   2       ] 3   4           I-2 CONDITION   1   2       ] 3   4           I-4         -4         MERCANTILE         R-2   R-3   R-4         STORAGE         S-1 MODERATE   S-2 LOW   HIGH-PILED           PARKING GARAGE         OPEN   EENCLOSED   REPA           UTILITY AND MISCELLANEOUS         ACCESSORY OCCUPANCY CLASSIFICATION(S):         INCIDENTAL USES(TABLE 509):	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE ( 10S OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXE $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) OR ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup> 23,000 	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(\$):         ASSEMBLY       A-1       A-2       Ø A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE ( 10S OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXE $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) OR ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup> 23,000 	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(S):         ASSEMELY       A-1       A-2       Ø A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE ( 10S OF THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXE $\frac{3}{2}$ $\leq 1$ $\therefore = \leq 1.00$ (D) OR ALLOWABLE GE AREA PER STORY OR UNLIMITED <sup>2,3</sup> 23,000 	CUPANCY
PRIMARY OCCUPANCY CLASSIFICATION(\$):         ASSEMBLY       A-1       A-2       Ø A-3       A-4       A-5         BUSINESS	□ 5 IR GARAGE THE BUILDING SHALL BE DETERM S FOR EACH OF THE APPLICABLE E MOST RESTRICTIVE TYPE OF LY TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF TO THE ENTIRE BUILDING. ACH STORY, THE AREA OF THE OF LY TO THE ACTUAL FLOOR AREA A FOR EACH USE SHALL NOT EXING $\frac{3}{2B} \leq 1$ =	CUPANCY

<sup>5</sup>FRONTAGE INCREASE IS BASED ON THE UNSPRINKLERED AREA VALUE IN TABLE 506.2.

ALLOWABLE HEIGHT										
ALLOWABLE SHOWN ON PLANS C										
BUILDING HEIGHT IN FEET (TABLE 504.3) <sup>2</sup>	FEET <u>55</u>	23'-8"								
BUILDING HEIGHT IN STORIES (TABLE 504.4) <sup>3</sup>	STORIES <u>3</u>	STORIES 1								

1. PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4. 2. THE MAXIMUM HEIGHT OF AIR TRAFFIC CONTROL TOWERS MUST COMPLY WITH TABLE 412.3.1. 3. THE MAXIMUM HEIGHT OF OPEN PARKING GARAGES MUST COMPLY WITH TABLE 406.5.4.

FIRE PROTECTION REQUIREMENTS									
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (W/* REDUCTION)	AND SHEET	FOR	DESIGN # FOR RATED PENETRATION	DESIGN # FOR RATED JOINTS		
STRUCTURAL FRAME, INCLUDING COLUMNS, GIRDERS, TRUSSES		0		-		_			
BEARING WALLS		•••••		****					
EXTERIOR									
NORTH		0							
EAST		0							
WEST		0		*****	*****				
SOUTH		0				—	—		
INTERIOR		0							
NONBEARING WALLS & PARTITIONS		_	_						
EXTERIOR		0							
NORTH		0				-			
EAST	—	0	-	1	-	—	—		
WEST		0		1					
SOUTH		0	_						
INTERIOR		0		-					
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0					_		
FLOOR CEILING ASSEMBLY	—	-	-	1	<b>—</b>		1		
COLUMNS SUPPORTING FLOORS		-	_	-	—	<b>→</b>	—		
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	-	0				_			
ROOF CEILING ASSEMBLY	—	-	—	-	-	—	<u>—</u>		
COLUMNS SUPPORTING ROOF	—	—		-		_	—		
SHAFT ENCLOSURES-EXIT		-							
SHAFT ENCLOSURES-OTHER	-						<u> </u>		
CORRIDOR SEPARATION		0							
OCCUPANCY SEPARATION		_			-				
PARTY/FIRE WALL SEPARATION	<b>→</b>	_	· · ·		· · · · ·				
SMOKE BARRIER SEPARATION	—	-	—		_	. —	-		
TENANT/DWELLING UNIT/ SLEEPING UNIT SEPARATION		_	·						
INCIDENTAL USE SEPARATION									

**\*INDICATE SECTION NUMBER PERMITTING REDUCTION** 

#### PERCENTAGE OF WALL OPENING CALCULATIONS

· _··-			
FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)
82'	UP; NS	NO LIMIT	42%

#### LIFE SAFETY SYSTEM REQUIREMENTS:

EMERGENCY LIGHTING:		NO	$\boxtimes$	YES		
EXIT SIGNS:		NO	$\times$	YES		
FIRE ALARM:	$\boxtimes$	NO		YES		
SMOKE DETECTION SYSTEMS:	$\boxtimes$	NO		YES	PARTIAL	
CARBON MONOXIDE DETECTION:	$\boxtimes$	NO .		YES		

LIFE SAFETY PLAN REQUIREMENTS:

#### ACCESSIBLE DWELLING UNITS N/A (SECTION 1107)

(SECTION TTOY)									
TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS REQUIRED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED		

ACCESSIBLE PARKING-SEE SITE PLAN-SEE SITE PLAN (SECTION 1106)

LOT OR PARKING AREA	TOTAL # OF	TOTAL #					
AREA	REQUIRED	PROVIDED	REGULAR WITH 5'	ACCESSIBLE			
			ACCESS AISLE	132" ACCESS 8' ACCESS AISLE AISLE		PROVIDED	
	24	37	2			2	

## PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)

					<b>\</b>			. /			
USE		۷	VATERCLO		URINALS	LAVATORIES		SERVICE SINK	DRINKING FOUNTAINS		
		MALE	FEMALE	UNISEX	URINALS	MALE	FEMALE	UNISEX	JINK	REGULAR	ACCESSIBLE
TENANT 2 &	REQUIRED		-	2		1		2	1	1	1
	PROVIDED	-		2				2	1	t	1
*NOCDO											

\*NCSBC 2902.6

#### SPECIAL APPROVALS

SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ICC, ETC., DESCRIBE BELOW)

Reviewed for Fire Code Compliance Harnett Leslie Jackson 01/25/2024 1:43:02 PM

DESIGN LOADS:

LIVE LOADS:

GROUND SNOW LOAD: WIND LOAD:

SEISMIC DESIGN C

PROVIDE THE FOLLOWIN SPE

#### LATERAL DESIGN SOIL BEARING CAP FIELD PRES

ENERGY REQUIREMENTS: THE FOLLOWING DATA SHALL ALSO BE PROVIDED. EACH I

IF PERFORMANCE METHOD, ST PROPOSED DESIGN. EXISTING BUILDING ENVELD

EXEMPT BUILDING CLIMATE ZONE:

METHOD OF COMPLIANCE: E

OTHER: PERFORMANCE (S

THERMAL ENVELOPE (PRESCR

- ROOF/CEILING ASSEMBLY (E DESCRIPTION OF ASSEME U-VALUE OF TOTAL ASS R-VALUE OF INSULATION SKYLIGHTS IN EACH ASS U-VALUE OF SKYLIGHT TOTAL SQUARE FOOTAGE
- EXTERIOR WALLS (EACH ASS DESCRIPTION OF ASSEMI U-VALUE OF TOTAL ASS R-VALUE OF INSULATION OPENINGS (WINDOWS OR U-VALUE OF ASSEMBL PROJECTION FACTOR

WALLS BELOW GRADE (EACH DESCRIPTION OF ASSEMB U-VALUE OF TOTAL ASS

FLOORS OVER UNCONDITIONE DESCRIPTION OF ASSEMB U-VALUE OF TOTAL ASS

FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMB R-VALUE OF INSULATION U-VALUE OF TOTAL ASS HORIZONTAL / VERTICAL SLAB HEATED ?



ENERGY CODE: BUILDING CODE: MECHANICAL CODE: PLUMBING CODE: ELECTRICAL CODE:

ACCESSIBILITY CODE: CONSTRUCTION:

OCCUPANCY:

## SHEET INDE

BD-1 OF 1	APPENDI
F-1 OF 2	FLOOR F
F-2 OF 2	FOUNDA
P-1 OF 2	PLUMBIN
P-2 OF 2	PLUMBIN
M-1 OF 2	MECHAN
M-2 OF 2	MECHAN
E-1 OF 3	ELECTRI
E-2 OF 3	ELECTRI
E-3 OF 3	ELECTRIC

 ******	******	 	

	 ···· ·····	 

S: STRUCTURAL DESIGN-EXISTING BUILDING	AND BESS AND
SEISMIC (I <sub>E</sub> ) ROOF PSF	SEAL 18909
MEZZANINE PSF FLOOR PSF	ANDY L. CRUITIN
LOAD: PSF	11/15/23
BASIC WIND SPEED MPH (ASCE-7) EXSPOSURE CATEGORY	
DLLOWING SEISMIC DESIGN PARAMETERS: OCCUPANCY CATEGORY (TABLE 1604.5)	
BASIC STRUCTURAL SYSTEM (CHECK ONE) BASIC STRUCTURAL SYSTEM (CHECK ONE) BEARING WALL DUAL W/SPECIAL MOMENT FRAME BUILDING FRAME DUAL W/INTERMEDIATE R/C OR SPECIAL STEEL MOMENT FRAME INVERTED PENDULUM	
ANALYSIS PROCEDURE ISIMPLIFIED EQUIVALENT LATERAL FORCE DYNAMIC ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? YES NO	
	N
FIELD TEST (PROVIDE COPY OF TEST REPORT) PSF	
PRESUMPTIVE BEARING CAPACITY	
ENTS:	COATS COATS ING #2
SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL ACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET. OD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS THE ANNUAL ENERGY COST FOR THE	
NVELOPE COMPLIES WITH CODE: NO YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE)	
$\Box 3A \boxtimes 4A \Box 5A$	OATS,
E: ENERGY CODE PERFORMANCE PRESCRIPTIVE	
ICE (SPECIFY SOURCE)	
RESCRIPTIVE METHOD ONLY)	
SSEMBLY <u>R-19 + R-11 LS WITH R-3 THERMAL BLOCKS</u> L ASSEMBLY: <u>N/A</u>	
_ATION: <u>N/A</u>	
TAGE OF SKYLIGHTS IN EACH ASSEMBLY <u>N/A</u>	
CH ASSEMBLY> SSEMBLY <u>R-0.0+R-15.8 CI, WITH BRICK VENEER</u> L ASSEMBLYI	REVISIONS
_ATION'N/A 'S OR DOORS WITH GLAZING> _DOUBLE PANE, H.M. FRAME	
SEMBLY 0,45 SOLAR HEAT GAIN COEFFICIENT: N/A DOOR R-VALUES 1.3	28334
<b>(EACH ASSEMBLY)</b> SSEMBLY <u>N/A</u> L ASSEMBLY <u>N/A</u> R-VALUE OF INSULATION: <u>N/A</u>	
ITIONED SPACE (EACH ASSEMBLY)	B92-55
SSEMBLY <u>N/A</u> L ASSEMBLY <u>N/A</u> R-VALUE OF INSULATION <u>N/A</u>	B. Edg (910) (910) (910)
E SSEMBLY SLAB-ON-GRADE	414 Duru FAX
_ATION: <u>R-15 TO BOTTOM OF FOOTING</u> L ASSEMBLY	·A.
nmary:	ates
2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE	ciat
2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE	
DE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE 2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE	AS: AS: Lice
E: 2020 NATIONAL ELECTRIC CODE	A
DDE: ICC/ANSI 117.1-2009 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	
A-3	THESE DOCUMENTS ARE INSTRU- MENTS OF SERVICE AND AS SUCH
IDEX	THESE DRAWINGS, DESIGNS, AND DESIGN CONCEPTS PRESENTED REMAIN THE PROPERTY OF THE ENGINEER. PUBLISH OR DUPLICATE
PENDIX B OOR PLAN	THE DRAWINGS OR DESIGNS ONLY WITH THE WRITTEN PERMISSION OF THE ENGINEER.
DUNDATION PLAN .UMBING SUPPLY PLAN .UMBING WASTE & VENT PIPING PLAN RISER DIAGRAM/NOTES	C COPY RIGHT
ECHANICAL HVAC PLAN ECHANICAL SCHEDULES & DETAILS ECTRICAL LIGHTING PLAN	DATE 11-15-23
ECTRICAL LIGHTING PLAN ECTRICAL POWER PLAN ECTRICAL PANEL SCHEDULES, NOTES & RISER DIAGRAM	DRAWN BY BAM JOB NO. 23-31
	SHEET NO.
	BD-1 OF 1

		)0(	DR	SCHEDULE	
DOOR	DOOR DOOR SIZE		ZE	REMARKS	
NO.	WIDE	HIGH	THICK.		
OD	4'-0"	7'-0"	1 3/4"	EXISTING EXTERIOR METAL DOOR WITH HM FRAME	
02	4'-0"	7'-0"	1 3/4"	EXISTING EXTERIOR METAL DOOR WITH HM FRAME	
03	3'-0"	7'-0"	1 3/4"	EXISTING STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME	
04	3'-0"	7'-0"	1 3/4"	EXISTING STOREFRONT EXT. GLASS DOOR WITH 2-8" TRANSOME	
05)	3'-0"	7'-0"	1 3/4"	NEW INTERIOR WOOD DOOR/HM FRAME	
06)	3'-0"	7'-0"	1 3/4"	NEW INTERIOR WOOD DOOR/HM FRAME	
(07)	3'-0"	7'-0"	1 3/4"	DOUBLE INTERIOR WOOD DOORS W/VIEW GLASS; HM FRAME	
(08)	3'-0"	7'-0"	1 3/4"	NEW INTERIOR WOOD DOOR/HM FRAME	

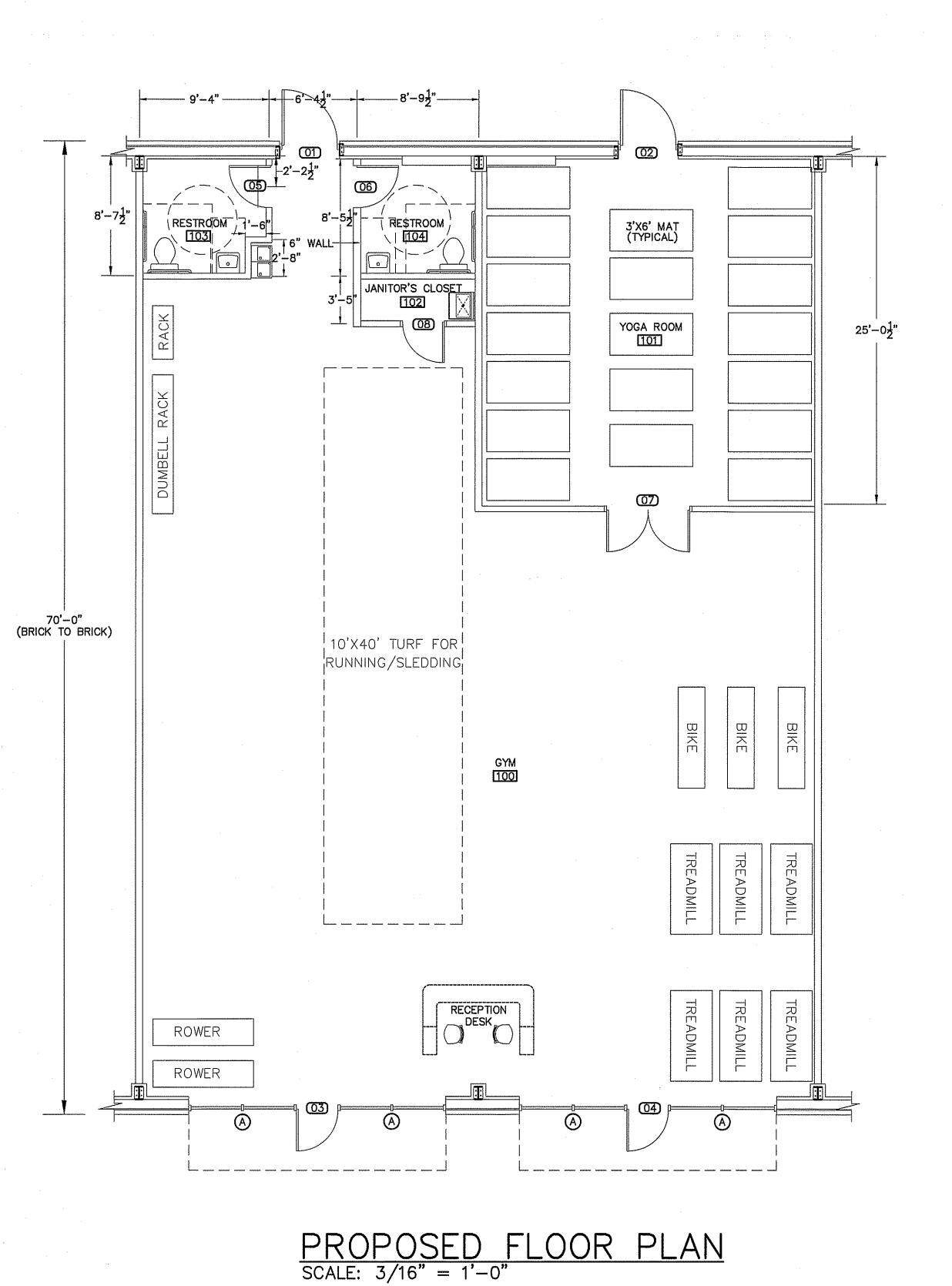
MARK \_\_\_\_\_ (A)

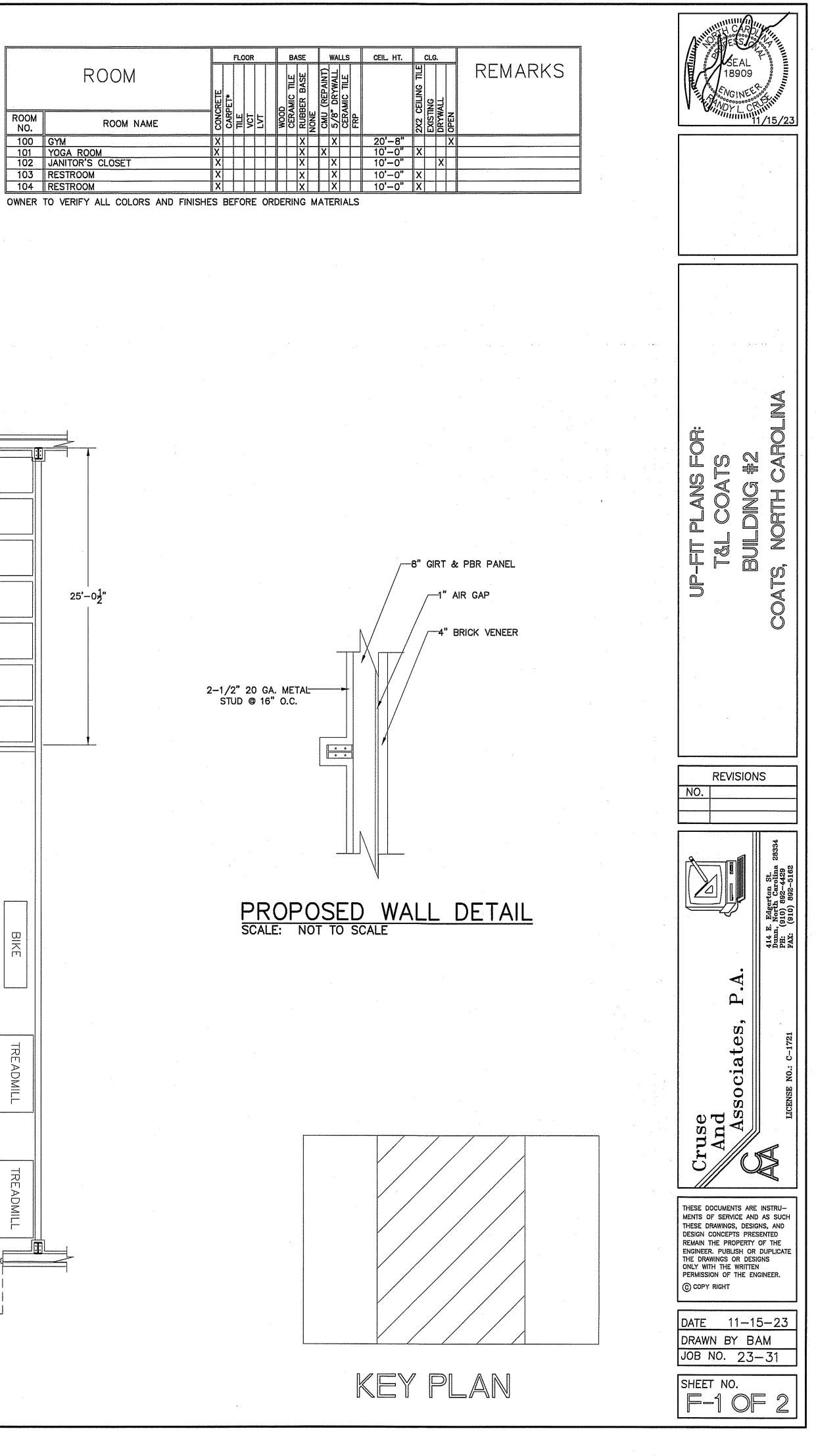
 $\bigvee$	/1 N E	DOW SCHEDULE	
WINDO	N SIZE	REMARKS	HEADERS
 WIDE	HIGH		
VARIES	10'—0"	EXISTING STOREFRONT DOUBLE PANE WINDOW W/TEMPERED GLASS	

## ROOM

ROOM NO.	ROOM NAME
100	GYM
101	YOGA ROOM
102	JANITOR'S CLOSET
103	RESTROOM
104	RESTROOM
OWNER	TO VERIEY ALL COLORS AND

VERIFY WINDOW SIZES, TYPES, AND COLORS WITH OWNER BEFORE BEGINNING CONSTRUCTION



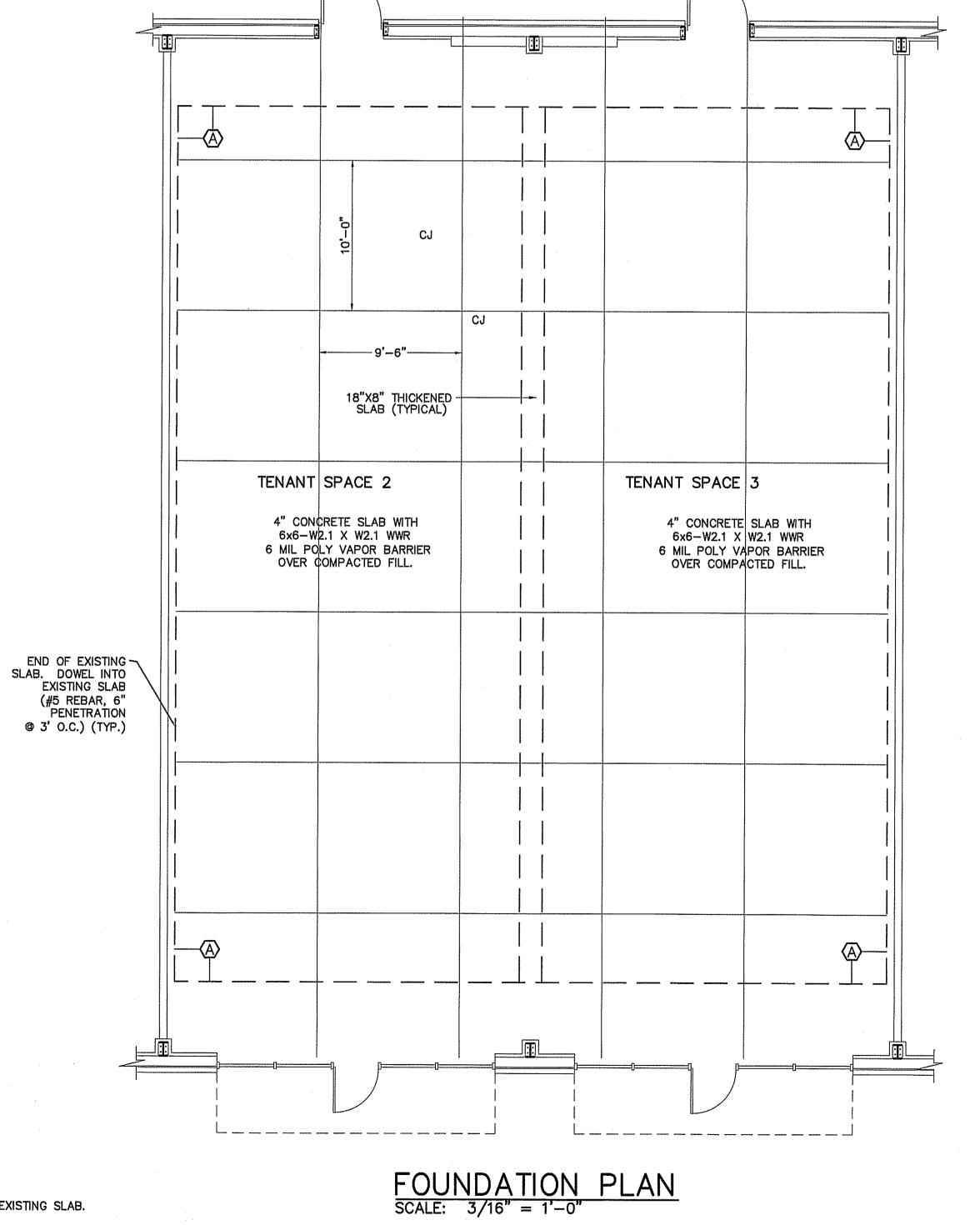


### FOUNDATION NOTES:

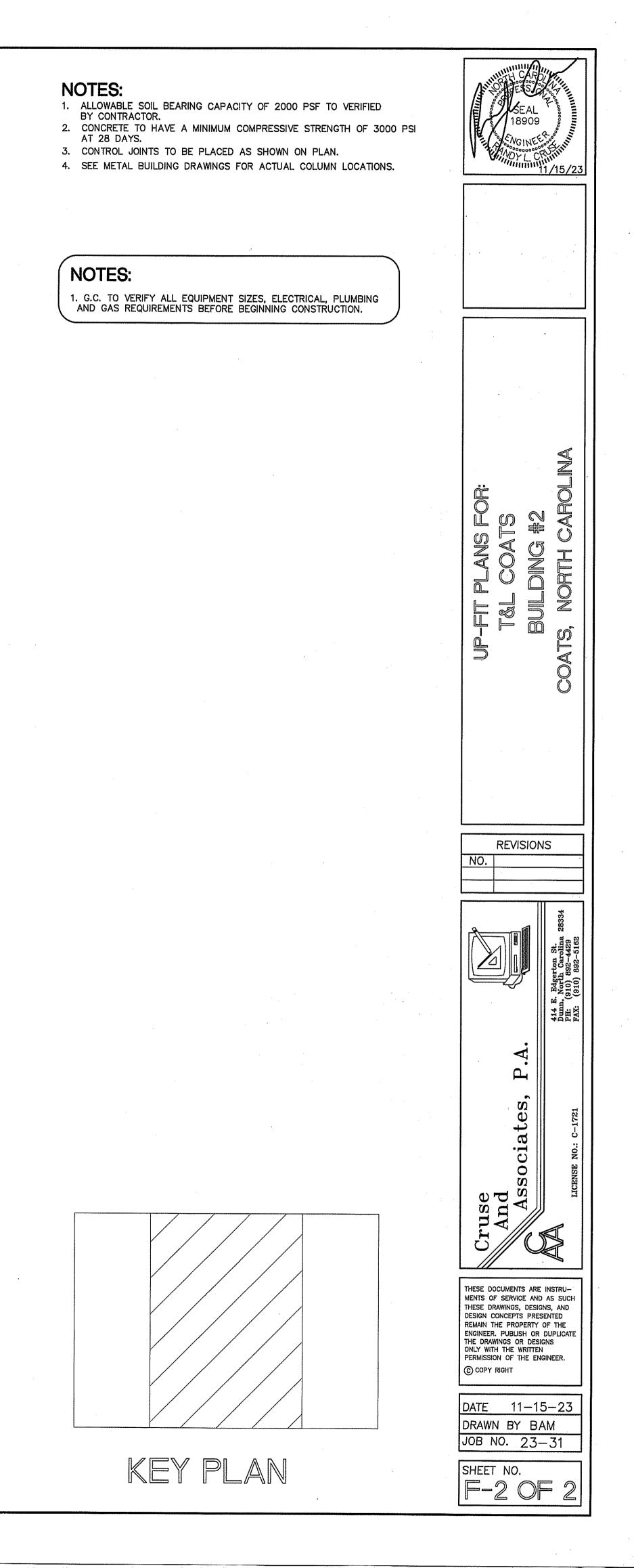
- 1. FIELD VERIFY THE SIZE, LOCATIONS, ELEVATIONS, AND DETAILS OF ALL EXISTING CONSTRUCTION AND CONDITIONS THAT AFFECT THE WORK AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN DIMENSION SIZES, LOCATIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK.
- 2. PROVIDE ALL SHORING, SHEETING, UNDERPINNING, AND OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY, AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION THAT MAY BE AFFECTED BY THE WORK.
- 3. CONCRETE SHALL DEVELOP COMPRESSIVE STRENGTHS (F'C) AT 28 DAYS AS FOLLOWS: FOUNDATIONS, WALLS, FOOTING, ETC. <u>3000 PSI</u> SLABS ON GRADE <u>3000 PSI</u>
- 4. ALL BUILDING FOOTINGS AND FOUNDATIONS ARE DESIGNED BASED UPON A MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. IF SUITABLE SOIL CAPABLE OF SUSTAINING THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED, THE ENGINEER SHALL BE NOTIFIED AND THE FOUNDATIONS SHALL BE CHANGED IN ELEVATION AND/OR SIZE AS DETERMINED BY THE ENGINEER.
- 5. CONCRETE BAR REINFORCEMENT SHALL BE NEW BILLET STEEL CONFORMING TO THE STANDARD SPECIFICATION FOR DEFORMED BILLET STEEL BARS FOR CONCRETE REINFORCEMENT ASTM A-615, GRADE 60.
- 6. ALL STRUCTURAL FILL INSIDE THE BUILDING SHALL BE SELECTED FILL COMPACTED TO 96% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D-698)
- 7. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES " (ACI-315-80).
- 8. PROVIDE CORNER BARS AT ALL FOOTING CORNERS AND STEPS UNLESS OTHERWISE NOTED. BARS SHALL BE A MINIMUM OF 4'-O" LONG AND HAVE THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCING.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND A-82.
   CONTINUOUS REINFORCING BARS SHALL BE LAPPED 48 BAR DIAMETERS
- AT ALL SPLICES UNLESS OTHERWISE NOTED.
- 12. STANDARD CONSTRUCTION JOINTS AND EXPANSION JOINTS SHALL BE LOCATED AS SHOWN ON THE PLANS.
- 13. ALL CONCRETE SHALL BE PROTECTED AGAINST FREEZING FOR SEVEN DAYS AFTER POURING.

14. FLOOR SLAB TO BE POURED ON 6 MIL POLYETHELENE FILM OVER 4" THICK

DRAINAGE FILL, COMPACTED FILL, OR OVER EXISTING CONCRETE SLAB. 15. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND ARCHITECTURAL DRAWINGS AND CONSULT ALL AFFECTED SUBCONTRACTORS FOR LOCATIONS AND SIZES OF REQUIRED OPENINGS AND CAST-IN-ITEMS IN CONCRETE WORK. ALL OPENINGS ON THE STRUCTURAL DRAWINGS SHALL BE SHOWN ON SHOP DRAWINGS FOR APPROVAL.



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- LIFE SAFETY PLAN REQUIREMENTS: LIFE SAFETY PLAN NOTES: 1. SEE LEGEND FOR RATED WALLS. ☑ FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7) - SEE NOTE 1 ☑ ASSUMED AND REAL PROPERTY LINE LOCATIONS - SEE NOTE 2 X EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8) - SEE NOTE 3 4. NO DEAD ENDS S OCCUPANCY TYPES FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2) 5. NO RATING REQUIRED THIS STRUCTURE I OCCUPANT LOADS FOR EACH AREA ☑ EXIT ACCESS TRAVEL DISTANCES (1017)  $\boxtimes$  COMMON PATH OF TRAVEL DISTANCES (1006.2.1 & 1006.3.2(1)) 8. FIRE AREAS DO NOT EXCEED CODE ALLOWANCE 🖾 DEAD END LENGTHS (1020.4) – SEE NOTE 4
- CLEAR EXIT WIDTHS FOR EACH EXIT DOOR
- X MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3)
- X ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR X A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF STRUCTURE IS PROVIDED FOR PURPOSES OF OCCUPANCY SEPARATION. SEE NOTE 5
- ☑ LOCATION OF DOORS WITH PANIC HARDWARE (1010.1.10) SEE NOTE 6
- ☑ LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND AND THE AMOUNT OF DELAY (1010.1.9.7) SEE NOTE 7
- ☑ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1010.1.9.9) SEE NOTE 7
- ☑ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES SEE NOTE 7
- ☑ LOCATION OF EMERGENCY ESCAPE WINDOWS (1030) SEE NOTE 7 🖾 THE SQUARE FOOTAGE OF EACH FIRE AREA (202) - SEE NOTE 8
- 🔀 THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT (407.5) SEE NOTE 9
- INOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE

#### EXIT REQUIREMENTS: NUMBER AND ARRANGEMENTS OF FYITS

· · · · ·	N.	JMBER	AND AKKANGE	MENTS OF EXIT	3	
FLOOR, ROOM OR SPACE DESIGNATION	MINI NO. OF	MUM <sup>2</sup> EXITS	TRAVEL DIS	TANCE	ARRANGEME EGRESS <sup>1,3</sup> (SI	NT MEANS OF ECTION 1016-1021)
	REQ'D.	SHOWN ON PLANS	ALLOWABLE TRAVEL DISTANCE (TABLE 1017.2)	ACTUAL TRAVEL DISTANCE SHOWN ON PLANS	REQUIRED DISTANCE BETWEEN EXIT DOORS	ACTUAL DISTANCE SHOWN ON PLANS
A-3	2	4	200'	53'–9"	41'-5"	70'-0"

CORRIDOR DEAD ENDS (SECTION 1020.4) 1.

2. BUILDINGS W/SINGLE EXITS (TABLE 1006.3.2(2)), SPACES W/ONE EXIT OR EXIT ACCESS DOORWAY (TABLE 1006.2.1) 3. COMMON PATH OF TRAVEL (SECTION 1029.8)

#### EXIT WIDTH

USE GROUP OR SPACE DESCRIPTION	(a)	(b)		(c)	)		EXIT WI	OTH (in)	
	AREA <sup>1</sup> SQ. FT.	AREA <sup>1</sup> PER OCCUPANT (TABLE	CALCULATED OCCUPANT LOAD	EGRESS PER OCO (TABLE	CUPANT	REQUIRE (SECTION (a/t	ED WIDTH N 1005.1) b) x c	ACTUAL SHOW PLA	N ON
		1004.1.2)	(a/b)	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
A-3	3,500	35 NET	100	N/A	.2	N/A	20.0"	N/A	164"

1. SEE TABLE 1004.1.2 TO DETERMINE WHETHER NET OR GROSS AREA IS APPLICABLE SEE DEFINITION "AREA, GROSS" AND "AREA, NET" (SECTION 1002, DEFINED IN CHAPTER 2)

2. MINIMUM STAIRWAY WIDTH (SECTION 1011.2); MIN. CORRIDOR WIDTH (SECTION 1020.2); MIN. DOOR WIDTH (SECTION 1010.1.1)

3. MINIMUM WIDTH OF EXIT PASSAGEWAY (SECTION 1024)

4. SEE SECTION 1005.6 FOR CONVERGING EXITS.

5. THE LOSS OF ONE MEANS OF EGRESS SHALL NOT REDUCE THE AVAILABLE CAPACITY TO LESS THAN 50% OF THE TOTAL REQUIRED (SECTION 1005.5)

6. ASSEMBLY OCCUPANCIES (SECTION 1029)

^	MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.1)
1	35" CLEAR WIDTH DIVIDED BY $.2" = 175$ OCCUPANTS CALCULATED OCCUPANCY PER EXIT = 25 PEOPLE CALCULATED OCCUPANCY DOES NOT EXCEED MAXIMUM CAPACITY OF EXIT.
2	35" CLEAR WIDTH DIVIDED BY $.2$ " = 175 OCCUPANTS CALCULATED OCCUPANCY PER EXIT = 25 PEOPLE CALCULATED OCCUPANCY DOES NOT EXCEED MAXIMUM CAPACITY OF EXIT.
3	47" CLEAR WIDTH DIVIDED BY $.2$ " = 235 OCCUPANTS CALCULATED OCCUPANCY PER EXIT = 25 PEOPLE CALCULATED OCCUPANCY DOES NOT EXCEED MAXIMUM CAPACITY OF EXIT.
Ά	

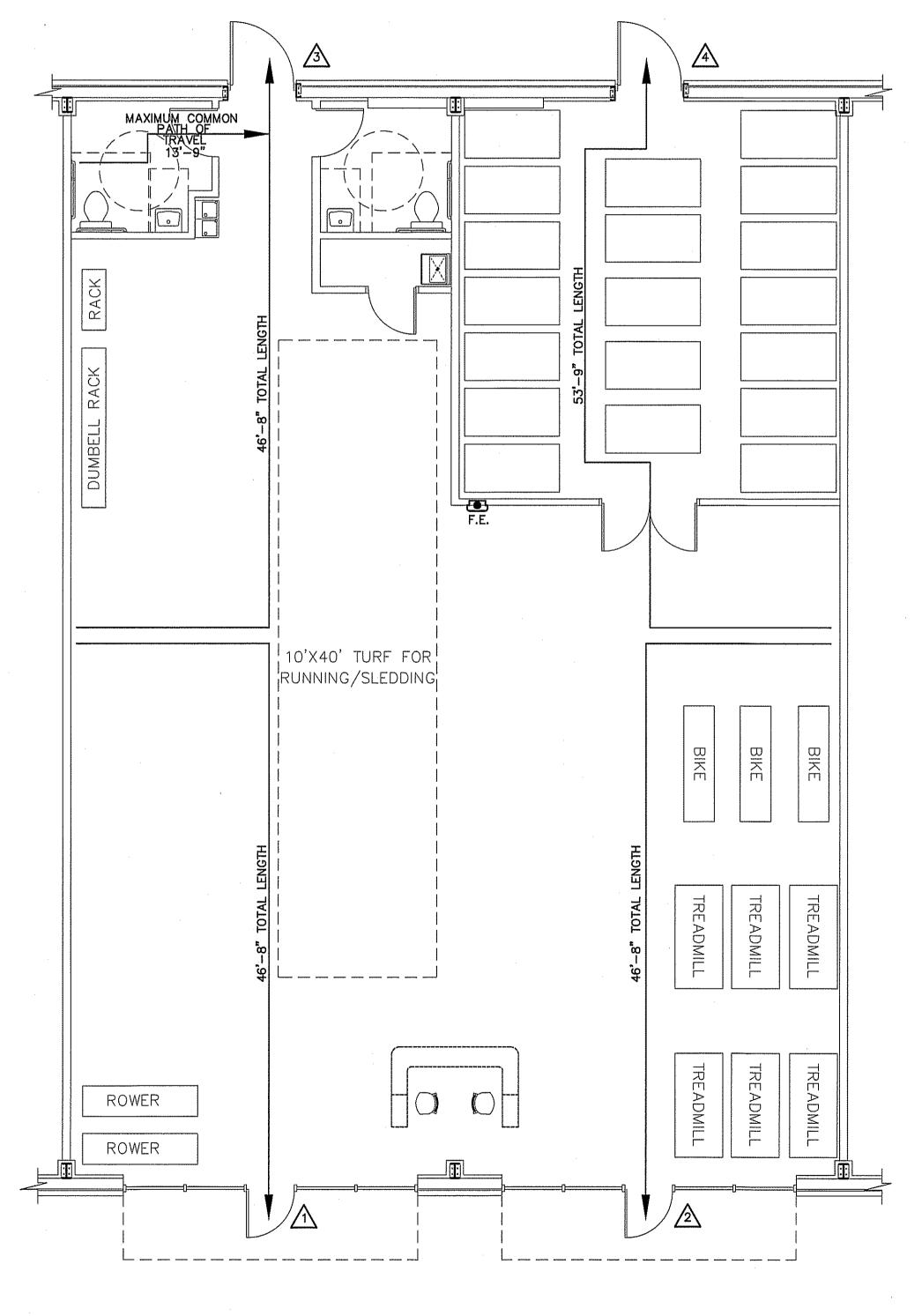
 $4^{4}$  47" CLEAR WIDTH DIVIDED BY .2" = 235 OCCUPANTS CALCULATED OCCUPANCY PER EXIT = 25 PEOPLE CALCULATED OCCUPANCY DOES NOT EXCEED MAXIMUM CAPACITY OF EXIT.



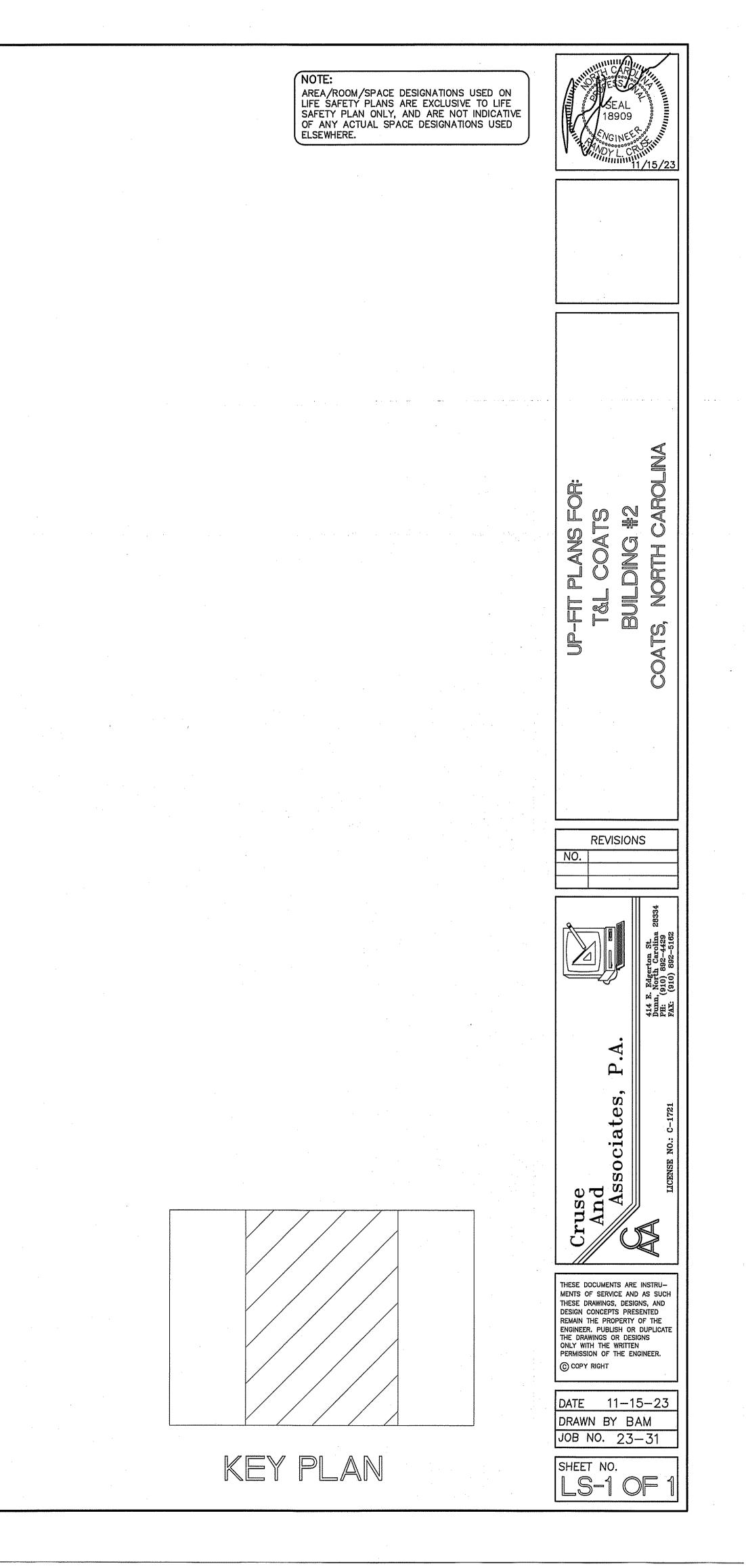
2. EXISTING BUILDING; NO CHANGE IN ASSUMED & REAL PROPERTY LINE LOCATIONS (>30'). 3. EXISTING BUILDING: NO CHANGE IN EXTERIOR WALL OPENINGS; NCSBC 705.8 (>30')

6. PANIC HARDWARE TO BE INSTALLED ON (4) ENTRANCE/EXIT DOORS. 7. NO DELAYED EGRESS LOCKS, ELECTROMAGNETIC LOCKS, HOLD OPEN DEVICES, OR EMERGENCY ESCAPE WINDOWS REQUIRED

9. BUILDING MEETS CODE REQUIREMENTS WITHOUT SUBDIVISION INTO SMOKE COMPARTMENTS; NO SMOKE COMPARTMENTS



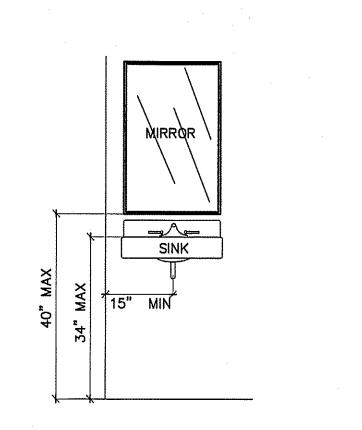
LIFE SAFETY PLAN SCALE: 3/16" = 1'-0"

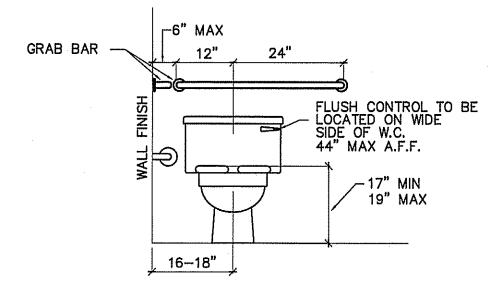


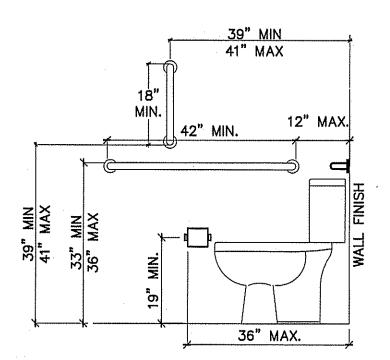
PLUMBING CONNECTION SCHEDULE				
FIXTURE	C.W.	H.W.	WASTE	VENT
FLUSH TANK WATER CLOSET	1/2"		3"	2"
LAVATORY	1/2"	1/2"	2"	1 1/2"
ELEC. WATER COOLER	1/2"		2"	1 1/2"
FLOOR DRAIN			3"	2"
MOP SINK	1/2"	1/2"	3"	2"

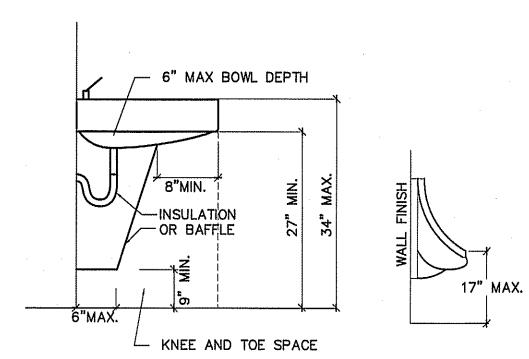
PLUMBING CALCULATIONS \_ FIXTURE UNITS (EACH) FIXTURE UNITS (TOTAL) ITEM COLD HOT TOTAL COLD HOT TOTAL FLUSH TANK 5.0 5.0 10.0 10.0 \_ WATER CLOSET LAVATORY 1.5 1.5 2 3.0 3.0 4.0 DRINKING .25 .25 .50 ----------.50 FOUNTAIN 2.25 2.25 3.0 2.25 2.25 3.0 MOP SINK ------ 15.75 5.25 17.50 TOTAL 18.6 GPM

WATER SUPPLY PIPE SIZE: MINIMUM 1"









 $\frac{\text{RESTROOM} \text{ ACCESSIBILITY} \text{ DETAILS}}{\text{SCALE: } 1/2" = 1'-0"}$ 

NOTE: P.C. TO VERIFY

EXISTING WATER LINE LOCATION AND ROUTING BEFORE BEGINNING

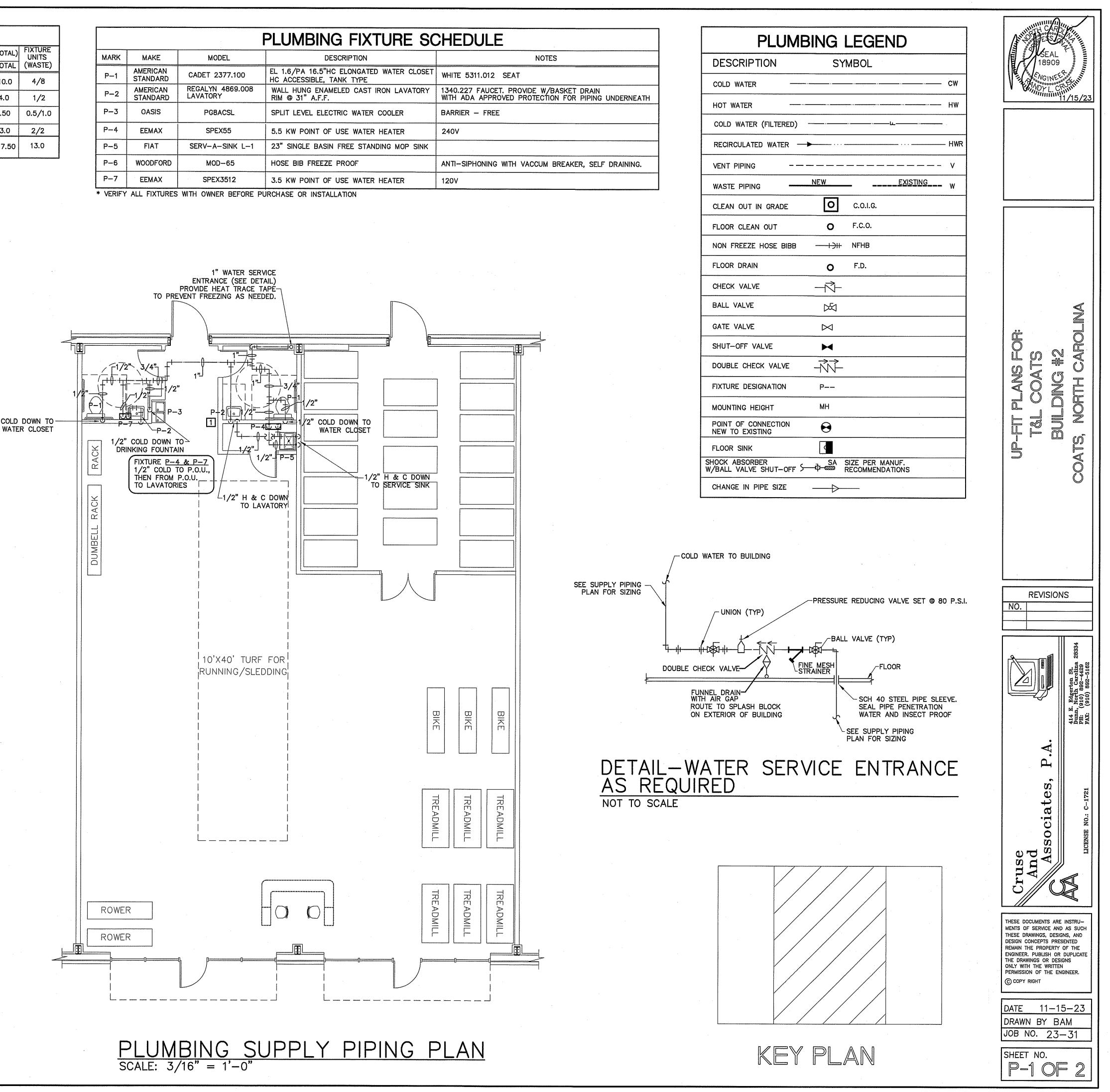
CONSTRUCTION.

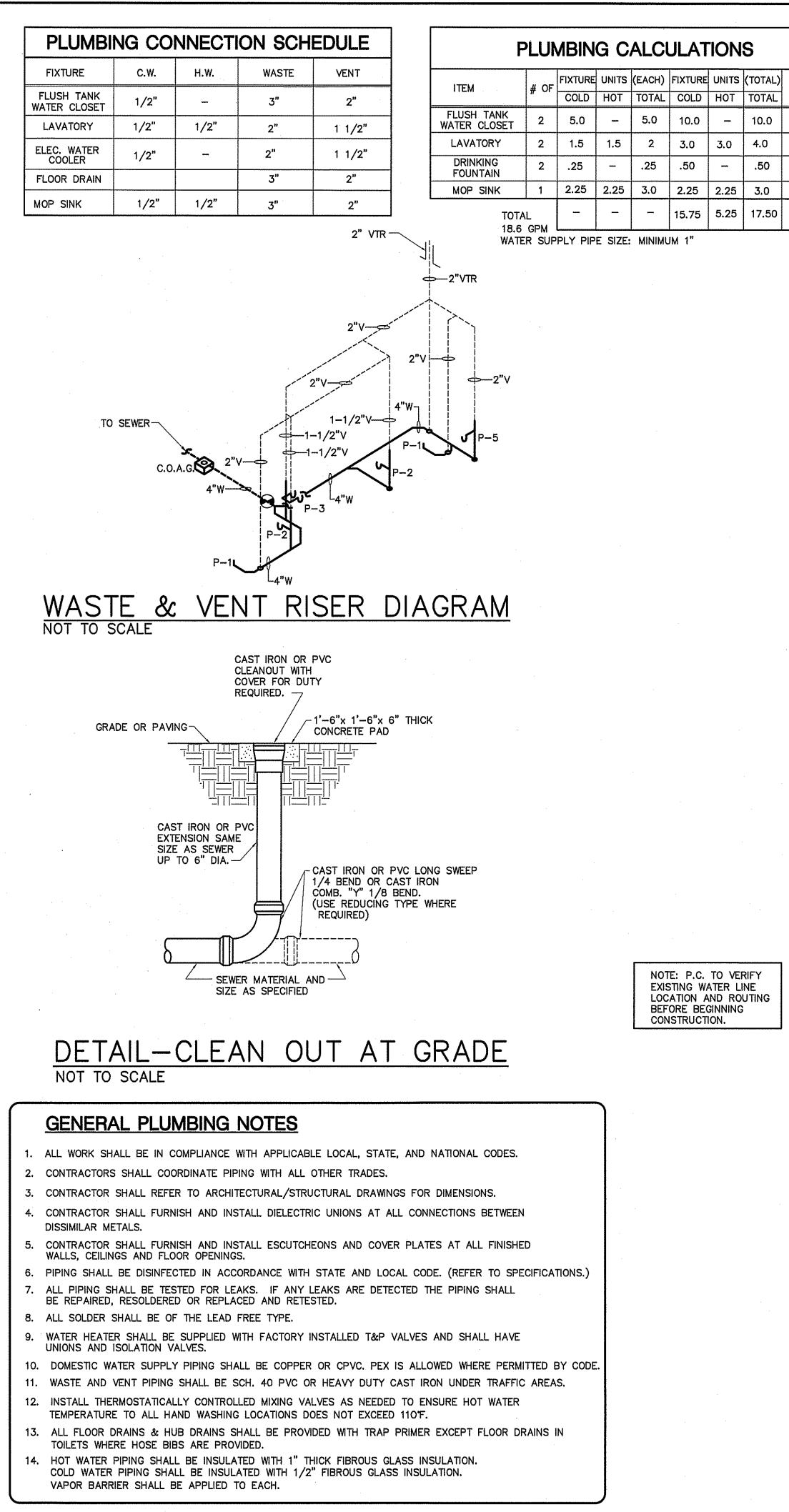
**KEYNOTE** 1 COORDINATE LOCATION OF SUPPLY PIPING WITH LOCATION OF ELECTRICAL PANEL. 1/2" COLD DOWN TO-

FIXTURE UNITS	
(WASTE)	
4/8	
1/2	
0.5/1.0	
2/2	
13.0	

#### PLUMBING FIXTURE SCHEDULE MODEL DESCRIPTION NOTES EL 1.6/PA 16.5"HC ELONGATED WATER CLOSET WHITE 5311.012 SEAT CADET 2377.100 HC ACCESSIBLE, TANK TYPE REGALYN 4869.008 WALL HUNG ENAMELED CAST IRON LAVATORY 1340.227 FAUCET. PROVIDE W/BASKET DRAIN

P-2	STANDARD	LAVATORY	RIM @ 31" A.F.F.	WITH ADA APPROVED PROTECTION FOR
P-3	OASIS	PG8ACSL	SPLIT LEVEL ELECTRIC WATER COOLER	BARRIER - FREE
P-4	EEMAX	SPEX55	5.5 KW POINT OF USE WATER HEATER	240V
P-5	FIAT	SERV-A-SINK L-1	23" SINGLE BASIN FREE STANDING MOP SINK	
P-6	WOODFORD	MOD-65	HOSE BIB FREEZE PROOF	ANTI-SIPHONING WITH VACCUM BREAK
P-7	EEMAX	SPEX3512	3.5 KW POINT OF USE WATER HEATER	120V



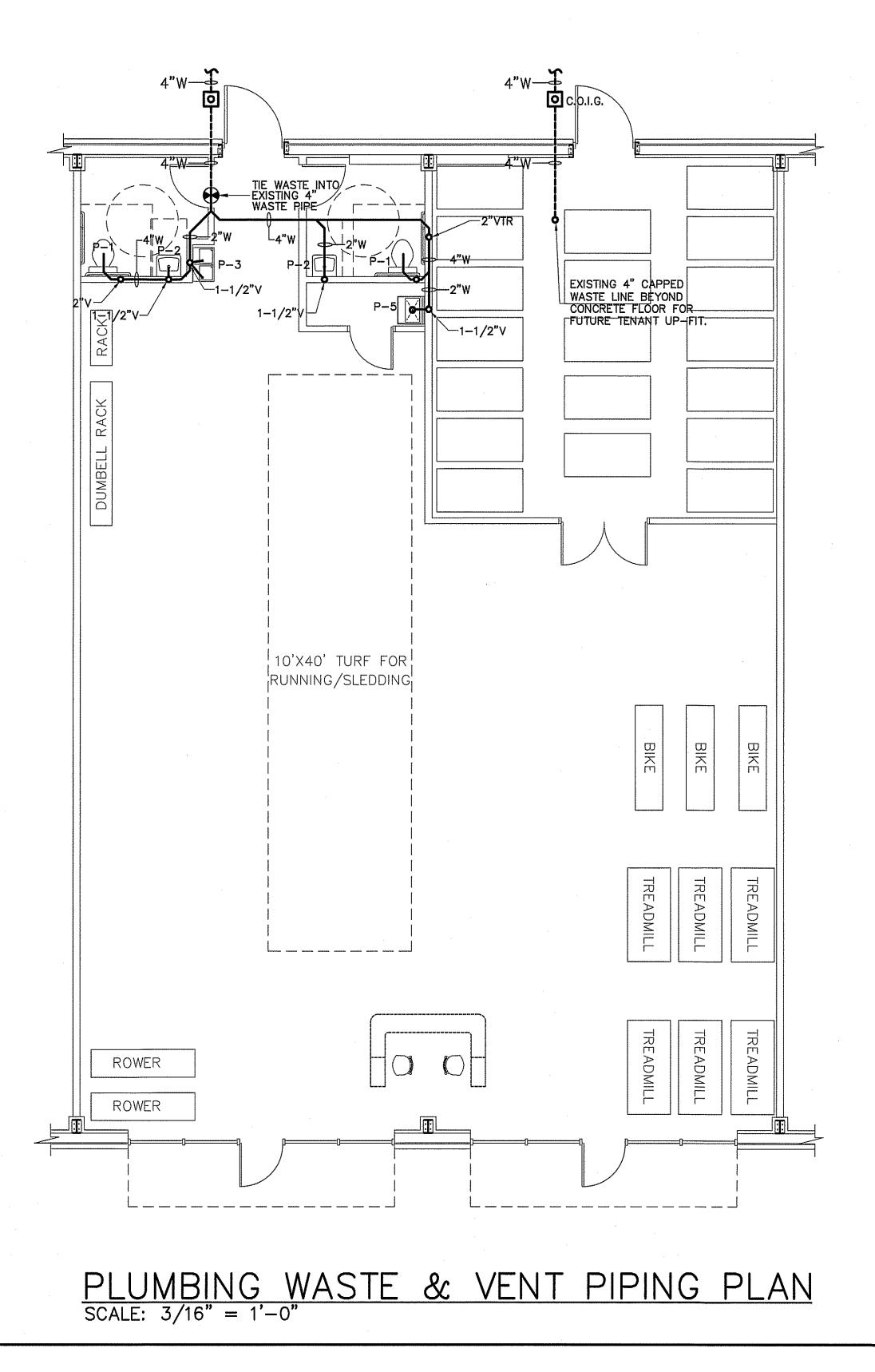


	FIXTURE UNITS (WASTE)	
31	4/8	
	1/2	
	0.5/1.0	
	2/2	
	13.0	

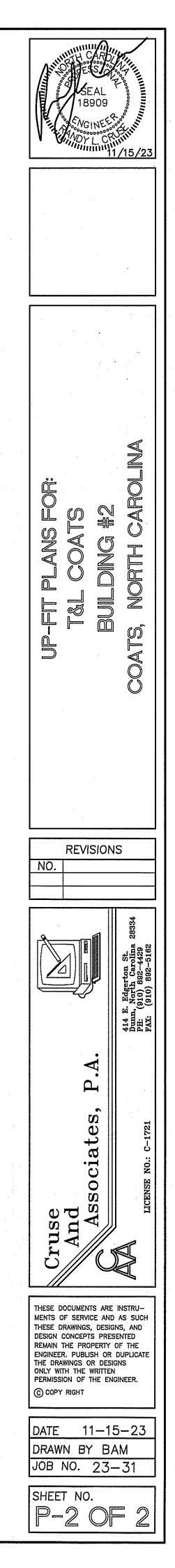
## DEL DESCRIPTION NOTES

MARK	MAKE	MODEL	DESCRIPTION	NOTES
P-1	AMERICAN STANDARD	CADET 2377.100	EL 1.6/PA 16.5"HC ELONGATED WATER CLOSET HC ACCESSIBLE, TANK TYPE	WHITE 5311.012 SEAT
P2	AMERICAN STANDARD	REGALYN 4869.008 LAVATORY	WALL HUNG ENAMELED CAST IRON LAVATORY RIM @ 31" A.F.F.	1340.227 FAUCET. PROVIDE W/BASKET DRAIN WITH ADA APPROVED PROTECTION FOR PIPING UNDERNEATH
P-3	OASIS	PG8ACSL	SPLIT LEVEL ELECTRIC WATER COOLER	BARRIER – FREE
P-4	EEMAX	SPEX55	5.5 KW POINT OF USE WATER HEATER	240V
P-5	FIAT	SERV-A-SINK L-1	23" SINGLE BASIN FREE STANDING MOP SINK	
P-6	WOODFORD	MOD-65	HOSE BIB FREEZE PROOF	ANTI-SIPHONING WITH VACCUM BREAKER, SELF DRAINING.
P-7	EEMAX	SPEX3512	3.5 KW POINT OF USE WATER HEATER	120V

\* VERIFY ALL FIXTURES WITH OWNER BEFORE PURCHASE OR INSTALLATION

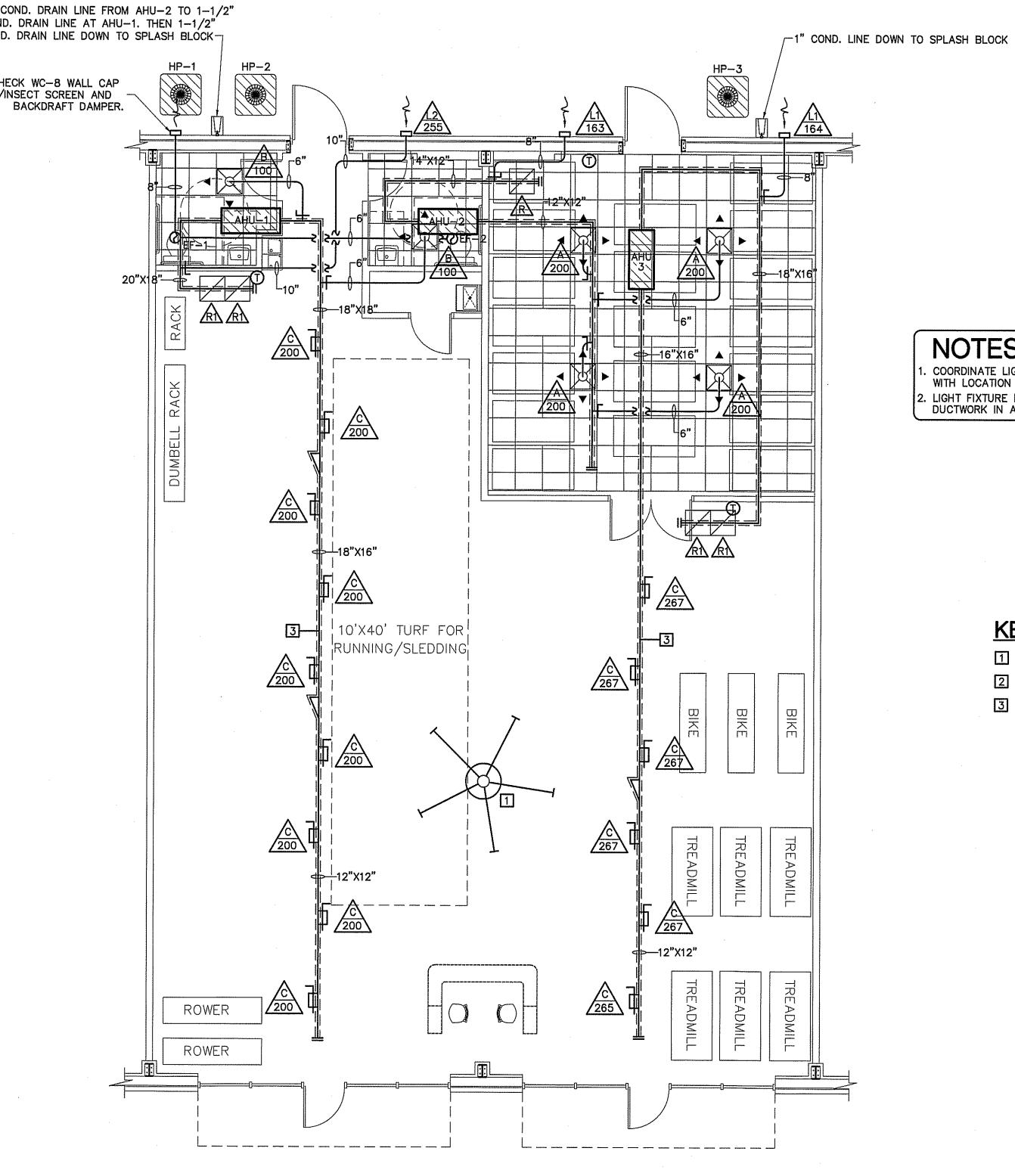


COLD WATER — HOT WATER — COLD WATER (FILTERED) COLD WATER (FILTERED) RECIRCULATED WATER — VENT PIPING — COLD WATER (FILTERED) VENT PIPING — COLEAN OUT IN GRADE FLOOR CLEAN OUT	••••••••••••••••••••••••••••••••••••••	L EXIS C.O.I.G. F.C.O.		
COLD WATER (FILTERED) RECIRCULATED WATER	NEW	<u>EXIS</u> C.O.I.G.		
RECIRCULATED WATER	NEW	<u>EXIS</u> C.O.I.G.		-
VENT PIPING WASTE PIPING CLEAN OUT IN GRADE FLOOR CLEAN OUT	NEW	<u>EXIS</u> C.O.I.G.		-
WASTE PIPING CLEAN OUT IN GRADE FLOOR CLEAN OUT	NEW	<u>EXIS</u> C.O.I.G.		
CLEAN OUT IN GRADE	0	C.O.I.G.	<u>STING</u>	
FLOOR CLEAN OUT				
	0	F.C.O.		
NON FREEZE HOSE BIBB		NFHB		
FLOOR DRAIN	0	F.D.		
CHECK VALVE	-			
BALL VALVE				
GATE VALVE	$\boxtimes$			
SHUT-OFF VALVE				
DOUBLE CHECK VALVE				
FIXTURE DESIGNATION	P			
MOUNTING HEIGHT	МН			
POINT OF CONNECTION NEW TO EXISTING	$\Theta$			
FLOOR SINK				



KEY PLAN

	MECHANIC	CAL SYMBOL LEGEND	
SINGLE LINE	DOUBLE LINE	DESCRIPTION	
		TAKE OFF TO SUPPLY AIR REGISTER WITH EXT. INSUL. DUCTWORK	
		BRANCH TAKEOFF FROM MAIN TRUNK DUCT WITH EXT. INSUL. DUCTWORK	
		END CAP	
S OR SD =	S OR SD	DUCT SMOKE DETECTOR	3/4" CON
▲ A.D. ==		ACCESS DOOR DOOR SIZE DUCT HEIGHT ACCESS DOOR 8X8 10" 10X10 12" 12X12 14" & LARGER	CON
		ONTROL DAMPER (TYP) CEILING DIFFUSER KIBLE DUCTWORK (14' MAX.)	GREENI WITH BIRD/
-		ONE SIDED REDUCING TRANSITION	
		F.D.=FIRE DAMPER (1-1/2)=RATED FOR 1-1/2 HRS.	
========		RETURN AIR OR EXHAUST GRILLE	
		= SUPPLY AIR CEILING DIFFUSER, ARROW INDICATES DIRECTION OF BLOW & ACTIVE DIFFUSER SIDES	
	(1)CU OR	SHION HEAD @ BRANCH (2)CUSHION HEAD IS EQUAL TO 1-1/2 DIFFUSER RUNOUT WDTH OF THE BRANCH DUCT OR DIFFUSER RUNOUT	
- 5		R.A. OR EXHAUST DUCT TURNS DOWN @ 90 DEGS.	
		MANUAL VOLUME CONTROL DAMPER W/ QUADRANT LOCKING DEVICE	
표 =	<u> </u>	TWO SIDED TRANSITION	
		ELECT. DUCT INSERT HEATER WITH CONTROL PANEL	
		AHU W/FLEXIBLE CONNECTION AT SUPPLY AND RETURN DUCT	
		KEY NOTE	
	FFUSER, REGISTER OR GRILI	LE (SEE SCHEDULE)	
() a		EXHAUST FAN	



# HVAC MECHANICAL PLAN SCALE: 3/16'' = 1'-0''

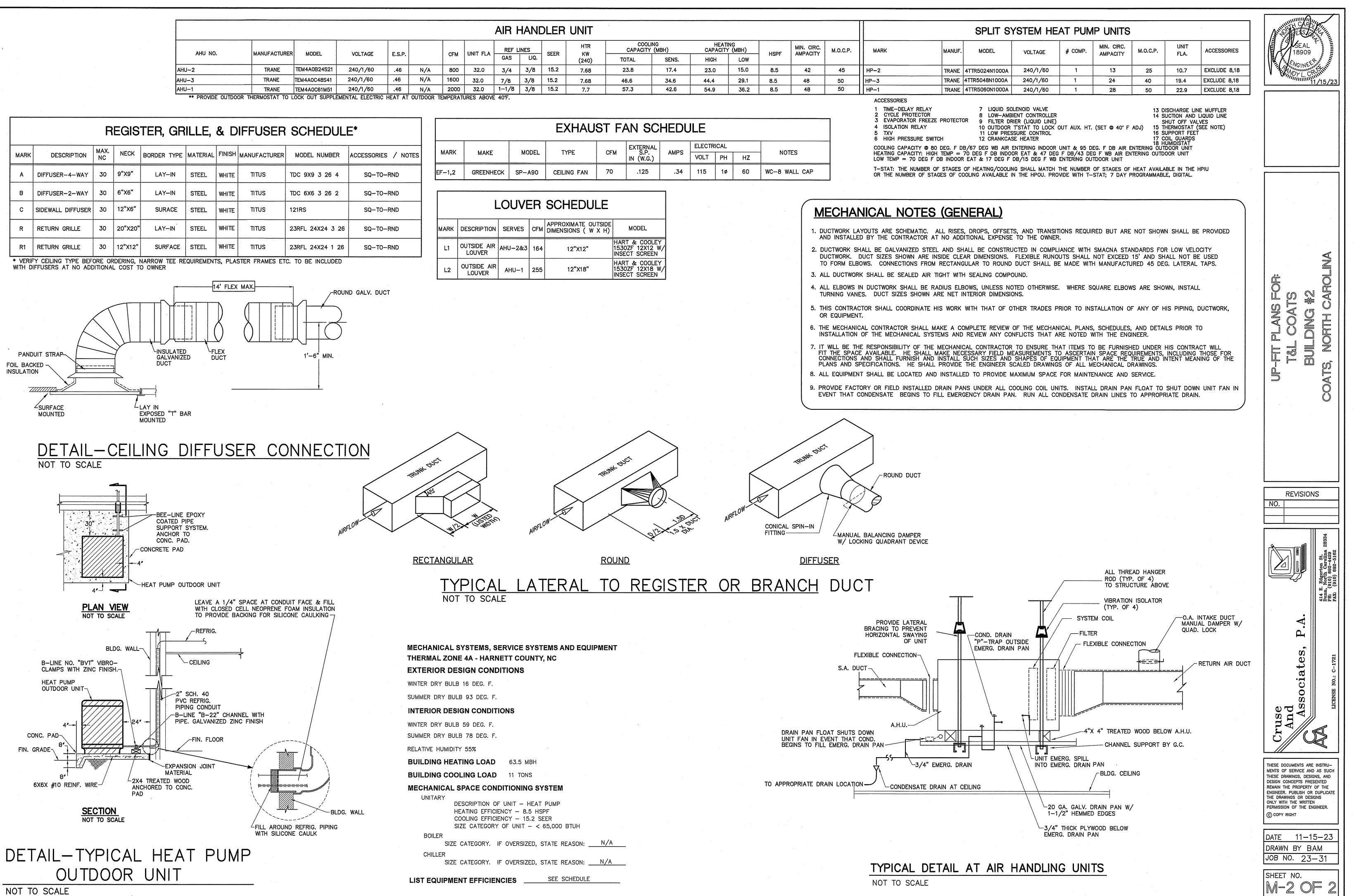
**CONNECTION SCHEDULE** TO PANEL BY E.C. STARTER, COMBINATION STARTER/DISCONNECT, AND DISCONNECTING MEANS. SUPPLIED BY E.C., INSTALLED BY E.C. TO MECHANICAL DEVICE. BY M.C. ALL STARTERS, COMBINATION STARTER/DISCONNECTS, AND DISCONNECTING MEANS, SUPPLIED BY E.C. FOR MECHANICAL EQUIPMENT AS REQUIRED BY NEC AND -FIT PLANS FOR: T&L COATS MECHANICAL EQUIPMENT MANUFACTURER'S REQUIREMENTS. ¶ ∰ Ž n NOTES: COORDINATE LIGHT FIXTURE HEIGHT & LOCATION WITH LOCATION & HEIGHT OF DUCTWORK. 2. LIGHT FIXTURE MOUNTED @ 12' A.F.F. & BELOW DUCTWORK IN AREA WITH OPEN CEILING. REVISIONS NO. <u>KEYNOTE:</u> 1 FAN SELECTED BY OWNER/CONTRACTOR 414 R. Edgerton St. Dunn, North Carolina PH: (910) 892-4429 FAX: (910) 892-5162 2 LIGHT FIXTURE MOUNTED @ 12' A.F.F. & BELOW DUCTWORK IN AREA WITH OPEN CEILING. 3 SHIFT TRUNK DUCT AS REQUIRED TO MISS ROW OF LIGHTS BELOW. SEE SHEET E-1 OF 3. р, sociates ruse And Asi THESE DOCUMENTS ARE INSTRU-MENTS OF SERVICE AND AS SUCH THESE DRAWINGS, DESIGNS, AND DESIGN CONCEPTS PRESENTED REMAIN THE PROPERTY OF THE ENGINEER. PUBLISH OR DUPLICATE THE DRAWINGS OR DESIGNS ONLY WITH THE WRITTEN PERMISSION OF THE ENGINEER. C COPY RIGHT DATE 11–15–23 DRAWN BY BAM

KEY PLAN

sheet no. M-1 OF

JOB NO. 23-31

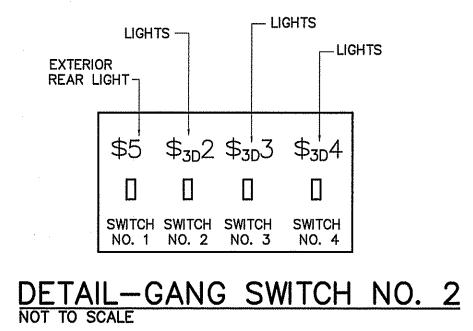
AHU NO.	MANUFACTURER	MODEL	VOLTAGE	E.S.P.		c	
AHU-2	TRANE	TEM4A0B24S21	240/1/60	.46	N/A	8	
AHU-3	TRANE	TEM4A0C48S41	240/1/60	.46	N/A	16	
AHU-1	TRANE	TEM4A0C61M51	240/1/60	.46	N/A	20	
	OD THEDHOSTAT TO I	OCK OUT SUDDIE	MENTAL ELECTRIC			TEMOL	

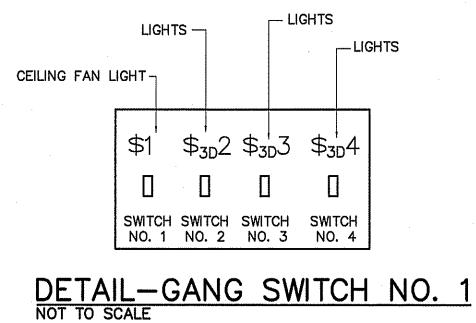


ELEC	TRICAL LEGEND	
MARK	DESCRIPTION	
∯ w₽	'GFI' DUPLEX WITH WEATHERPROOF COVER	
GFI	GROUND FAULT INTERUPTING RECEPTACLE	
🍈 IG	208V OR 240 V RECEPTACLE	
4	TELEPHONE/DATA OUTLET	
J	JUNCTION BOX	
	FUSED DISCONNECT SWITCH	
FB	"STEEL CITY" FLOOR BOX WITH CAT 5E CABLE FOR DATA	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SWITCHED BRANCH CIRCUIT	
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	UNSWITCHED BRANCH CIRCUIT	
Y D	120/208 VOLT CIRCUIT	
₿	CEILING OR ATTIC MOUNTED DUPLEX RECEPTACLE	
\$-0/0	LIGHT FIXTURE (WALL/CEIL.)	
	FLUORESCENT FIXTURE	
■ N/L	UNSWITCHED FIXTURE	
8	'EXIT' LIGHT FIXTURE, TYPE 'EX'	
Ļ	BATTERY OPERATED EMERG. LT. (2-HEAD, WALL MTD.)	
\$	SINGLE-POLE SWITCH	
\$3(4)	3-WAY SWITCH (4-WAY SWITCH)	
Ф	DUPLEX RECEPTACLE	
ф	CEILING MOUNTED RECEPTACLE	
<b></b>	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)	
\$₀	WALL MOUNTED OCCUPANCY SENSOR WITH SWITCH	
۰	CEILING MOUNTED OCCUPANCY SENSOR	

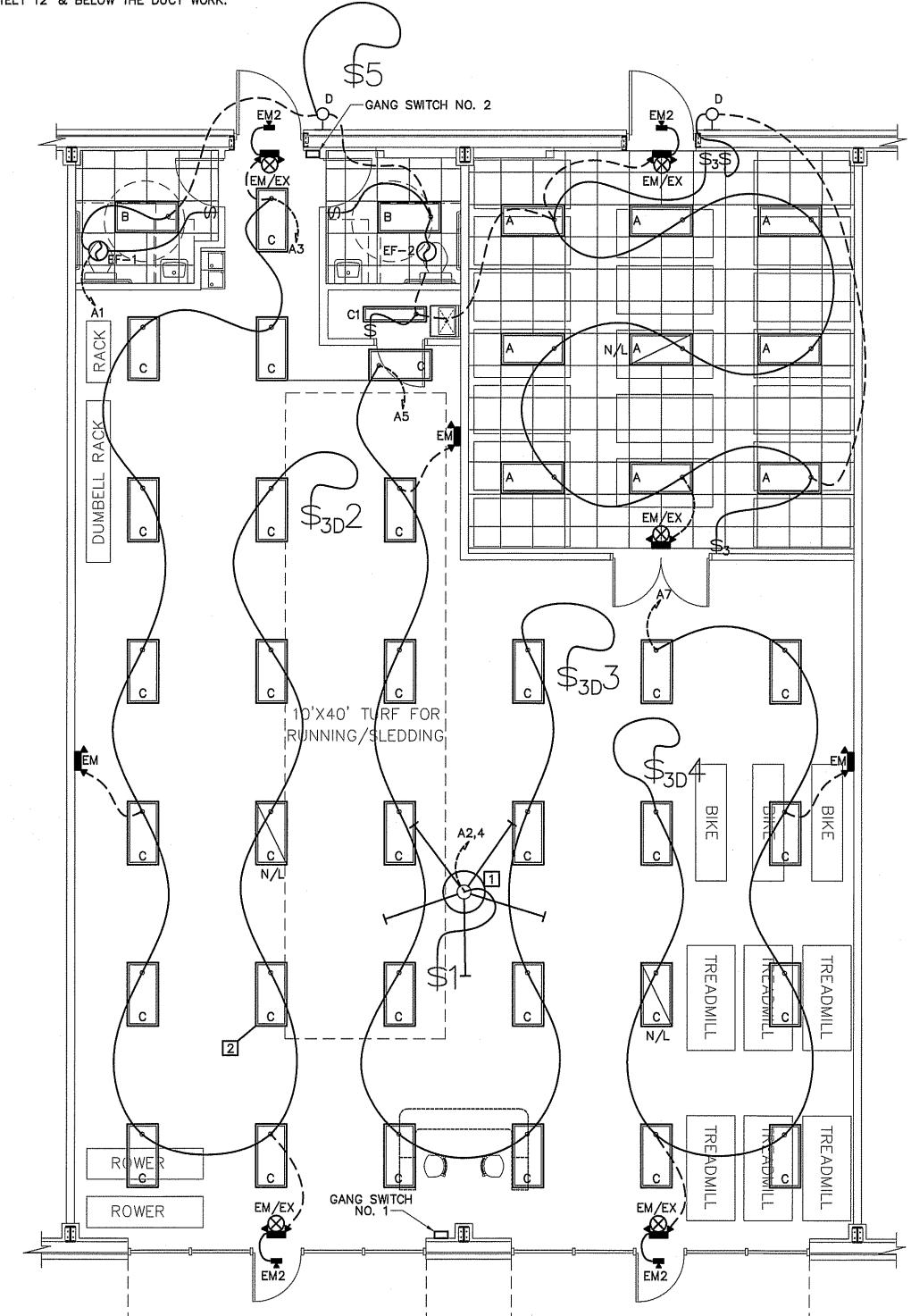
		L	IGHT FIXTURE SCHEDULE				
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	BALLASTS	WATTAGE	REMARKS
A	2X4 LED FLAT PANEL LAY-IN	LITHONIA	CPANL 2X4 40/50/60LM 35K-40LM-60LM	LED		42.0	INCLUDE WSX D DIMMING OCCUPANCY WALL SWITCH
В	2X4 LED FLAT PANEL LAY-IN	LITHONIA	CPANL 2X4 40/50/60LM 35K-40LM-60LM	LED		32.0	4000 LUMEN
С	2X4 LED FLAT PANEL	LITHONIA	CPANL 2X4 40/50/60LM 35K-40LM-60LM**	LED		42.0	INCLUDE WSX D DIMMING OCCUPANCY WALL SWITCH
C1	1X4 LED FLAT PANEL LAY-IN	LITHONIA	CPXTW 1X4 TUWH PROR 4000LM 80CRI SWL MVOLT NLT	LED		35.2	
D	LED WALL EXTERIOR LIGHT SELECT	ED BY OWNER		LED		25	
EM	EMERGENCY LIGHT WITH BATTERY BACKUP	SURE-LITES	CC8MRT2142SM				
EX	LED TYPE EXIT LIGHT WITH BATTERY BACKUP	SURE-LITES	LPX 70 RWH 120/277				
EM2	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)	SURE-LITES	12T-12-WWH OR 12T-12-DWWH OR EQUAL		1		

FIXTURES SELECTED BY OWNER AND PURCHASED BY CONTRACTOR \* BEFORE PURCHASING, VERIFY EXTERIOR FIXTURES MEET ZONING ORDINANCE \*\* INCLUDE HANGERS FOR FIXTURES IN FITNESS AREA TO BE HUNG APRROXIMATELY 12' & BELOW THE DUCT WORK.



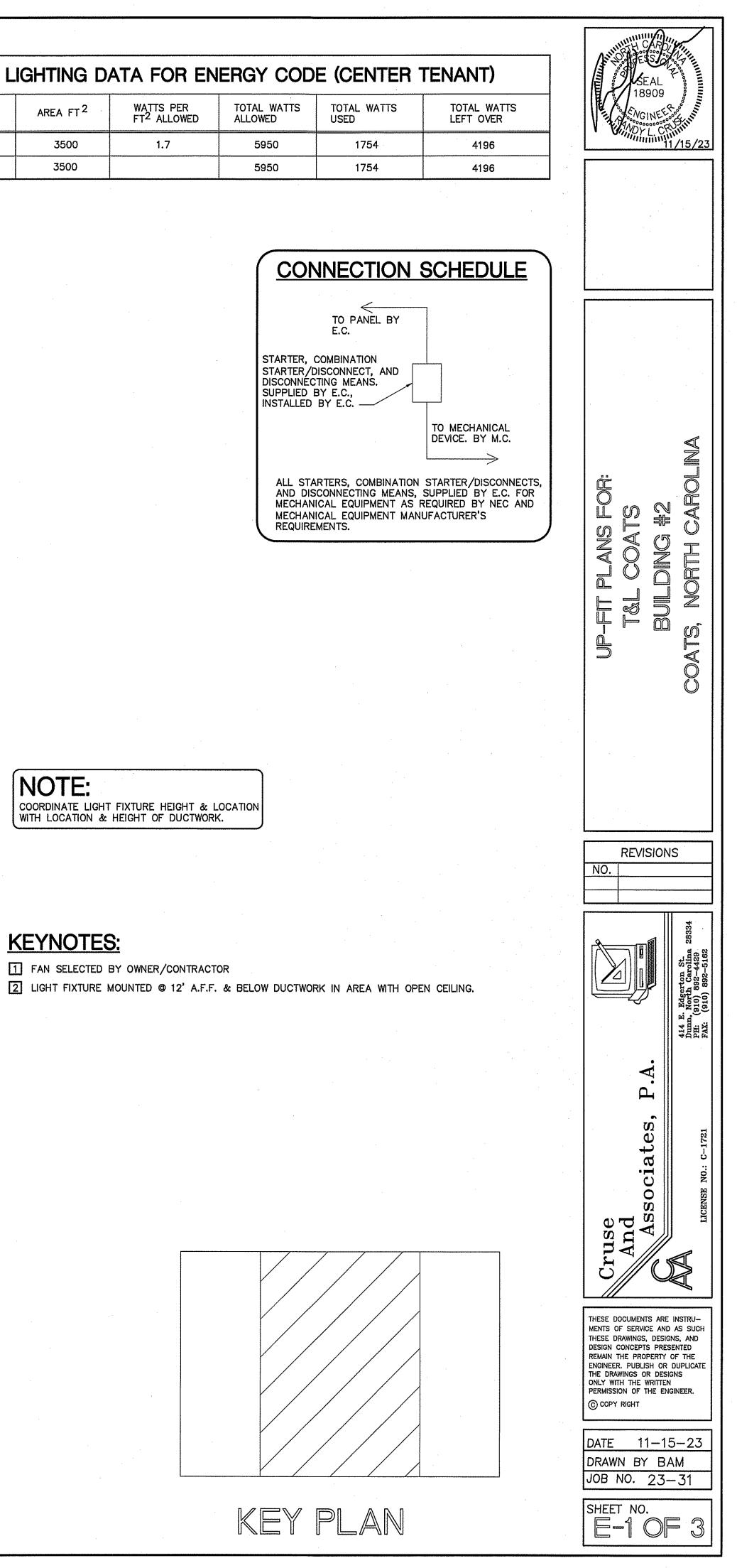


L	IGł
AREA USE	
GYM	
TOTAL	

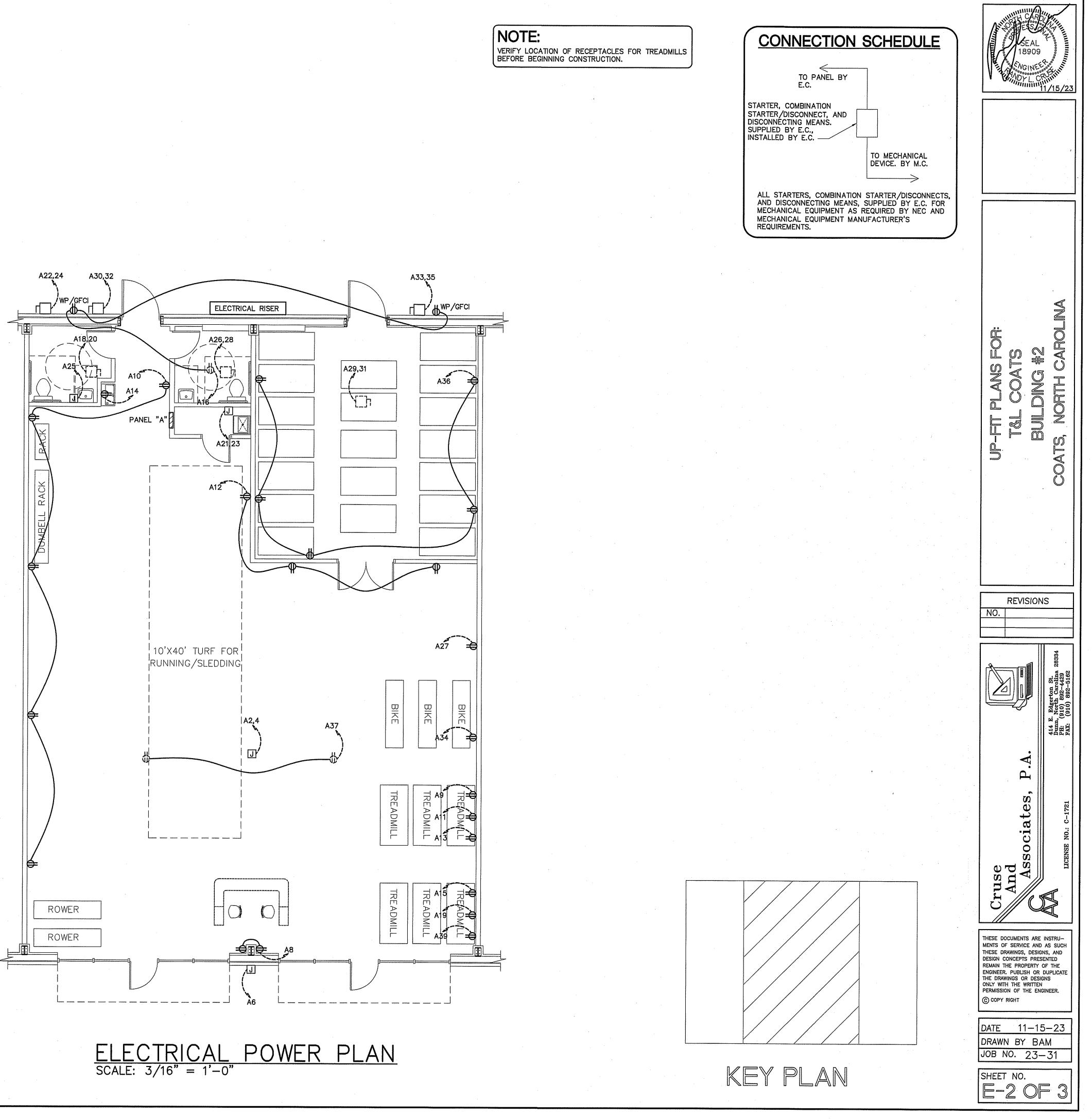


ELECTRICAL LIGHTING PLAN SCALE: 3/16" = 1'-0"

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ELECTRICAL LEGEND			
MARK	DESCRIPTION		
d w₽	'GFI' DUPLEX WITH WEATHERPROOF COVER		
GFI	GROUND FAULT INTERUPTING RECEPTACLE		
🗄 іс	208V OR 240 V RECEPTACLE		
4	TELEPHONE/DATA OUTLET		
IJ	JUNCTION BOX		
	FUSED DISCONNECT SWITCH		
FB	"STEEL CITY" FLOOR BOX WITH CAT 5E CABLE FOR DATA		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SWITCHED BRANCH CIRCUIT		
72	UNSWITCHED BRANCH CIRCUIT		
r F	120/208 VOLT CIRCUIT		
ф	CEILING OR ATTIC MOUNTED DUPLEX RECEPTACLE		
\$-0/0	LIGHT FIXTURE (WALL/CEIL.)		
	FLUORESCENT FIXTURE		
▶ N/L	UNSWITCHED FIXTURE		
⊗ .	'EXIT' LIGHT FIXTURE, TYPE 'EX'		
Ļ	BATTERY OPERATED EMERG. LT. (2-HEAD, WALL MTD.)		
\$	SINGLE-POLE SWITCH		
\$_3(4)	3-WAY SWITCH (4-WAY SWITCH)		
Ф	DUPLEX RECEPTACLE		
\$	CEILING MOUNTED RECEPTACLE		
<b>*</b>	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)		
\$,	WALL MOUNTED OCCUPANCY SENSOR WITH SWITCH		
FB	FLOOR BOX WITH (2) DUPLEX OUTLETS		



CONNECTION SCHEDULE			
TO PANEL BY E.C.			
STARTER, COMBINATION STARTER/DISCONNECT, AND DISCONNECTING MEANS. SUPPLIED BY E.C., INSTALLED BY E.C.			
	TO MECHANICAL DEVICE. BY M.C.		
ALL STARTERS, COMBINATION AND DISCONNECTING MEANS, MECHANICAL EQUIPMENT AS I MECHANICAL EQUIPMENT MAN	SUPPLIED BY E.C. FOR REQUIRED BY NEC AND		

## FEEDER SCHEDULE

	F		
UNIT	FEEDERS	FUSED DISCONNECT	CONDUIT
HP-2	2#12CU,1#12CU GND	30	3/4"
HP-1,3	2#10CU,1#12CU GND	60	3/4"
AHU-1,2,3	2#8CU,1#10CU GND	60	3/4"
POINT OF USE WATER HEATER	2#10CU,1#12CU GND	30	3/4"

### **ELECTRICAL NOTES (GENERAL)**

REQUIREMENTS.

I. THE ELECTRICAL INSTALLATION, EQUIPMENT, MATERIALS, AND WORKMANSHIP SHALL, AS A MINIMUM, BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC), OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA), ALL APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL CODES, LAWS, AND ORDINANCES, AND RULINGS OF THE INSPECTION AUTHORITIES HAVING JURISDICTION. ALL FEES, PERMITS, ETC., ASSOCIATED WITH THE ELECTRICAL WORK SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.

2. THE DRAWINGS GENERALLY INDICATE THE WORK TO BE INSTALLED, BUT DO NOT SHOW ALL BENDS, BOXES, FITTINGS, AND SPECIALTIES WHICH MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SUCH ITEMS REQUIRED TO COMPLETE THE INSTALLATION ACCORDING TO INDUSTRY ACCEPTED PRACTICES SHALL BE INCLUDED IN THE BID.

3. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND LISTED AND LABELED BY UNDERWRITERS LABORATORIES, INC.

4. ALL PENETRATIONS OF FIRE WALLS SHALL BE SEALED WITH APPROVED SEALING MATERIALS TO MAINTAIN THE FIRE RATING OF THE WALLS. 5. THE CONTRACTOR SHALL VERIFY WIRE AND FUSE/CIRCUIT BREAKER SIZING FOR ALL MECHANICAL EQUIPMENT PRIOR TO PURCHASING MATERIALS AND INSTALLING BRANCH CIRCUITS.

6. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND CONFLICTS. APPARENT INTERFERENCES OR CONFLICTS SHALL BE REPORTED TO THE PRIME CONTRACTOR AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.

7. THE ELECTRICAL CONTRACTOR SHALL CONNECT BRANCH CIRCUITS TO THE MAIN LINE TERMINALS OF EQUIPMENT FURNISHED BY OTHER CONTRACTORS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY NECESSARY SWITCHES, DISCONNECTS, OR OVERCURRENT PROTECTION AHEAD OF SUCH EQUIPMENT.

8. RACEWAYS ARE SHOWN SCHEMATICALLY AND MAY BE REROUTED IN THE FIELD. THEY SHALL BE INSTALLED AT RIGHT ANGLES TO OR PARALLEL WITH BUILDING LINES. THEY SHALL BE RUN CONCEALED WITHIN WALLS OR BUILDING STRUCTURES WHEREVER POSSIBLE.

9. ALL RACEWAYS, EQUIPMENT, ETC., ABOVE A SUSPENDED CEILING SHALL BE MOUNTED A MINIMUM OF 18" ABOVE THE CEILING SO AS NOT TO BLOCK ANY TILE OR FIXTURE ACCESS.

10. THE MINIMUM ALLOWABLE SIZE FOR ANY CONDUIT, IMC, OR EMT SHALL BE 1/2" AND MAY BE USED FOR 2#12 WIRE SWITCHLEGS ONLY. A SWITCHLEG SHALL BE DEFINED AS THE RUN OF CONDUIT FROM THE SWITCH OUTLET BOX TO THE FIRST OUTLET BEING SWITCHED. 11. FULL WEIGHT GALVANIZED RIGID STEEL CONDUIT SHALL BE USED IN THE FOLLOWING AREAS:

A. ON THE EXTERIOR OF THE BUILDING OR ROOF,

B. VERTICAL DROPS WHERE THE CONDUIT CANNOT BE ANCHORED TO WALLS OR OTHER SUPPORT

STRUCTURES, C. WHERE SUBJECT TO MECHANICAL DAMAGE.

12. ALL WIRE AND CABLE SHALL BE COPPER AND HAVE 600 VOLT THHN-THWN INSULATION. ALUMINUM WIRING SHALL NOT BE PERMITTED.

13. THE MINIMUM WIRE SIZE SHALL BE #12 AWG EXCEPT FOR CONTROL WIRING, WHICH MAY BE #14 AWG. CONTROL WIRING SHALL USE STRANDED CONDUCTORS UNLESS OTHERWISE NOTED.

14. ALL METAL RACEWAY SYSTEMS SHALL BE MADE ELECTRICALLY CONTINUOUS. THE RACEWAY SYSTEM SHALL NOT BE THE SOLE GROUNDING METHOD. AN INSULATED COPPER GROUNDING CONDUCTOR SHALL BE INSTALLED FOR ALL FEEDERS AND BRANCH CIRCUITS. AT RECEPTACLES, A GREEN GROUND CONDUCTOR SHALL BE CONNECTED TO THE GROUND TERMINAL OF THE RECEPTACLE.

15. THE ELECTRICAL CONTRACTOR SHALL COORDINATE FUSE AND DISCONNECT SWITCH SIZES WITH THE MECHANICAL EQUIPMENT SUPPLIER PRIOR TO PURCHASE AND INSTALLATION OF BRANCH CIRCUIT EQUIPMENT. IF EQUIPMENT SIZING CHANGES FROM DESIGN SIZES, CIRCUITS SHALL BE RESIZED ACCORDINGLY.

16. LIGHT FIXTURES FOR INSTALLATION IN A SUSPENDED CEILING SHALL BE SECURELY FASTENED TO THE CEILING SUSPENSION SYSTEM IN A MANNER TO PREVENT FIXTURES FROM FALLING. IN ADDITION, 16 GAGE WIRE HANGERS SHALL BE FASTENED TO THE FOUR CORNERS OF THE FIXTURES.

17. CONNECTIONS TO FIXTURES INSTALLED IN SUSPENDED CEILINGS SHALL BE MADE WITH FLEXIBLE METAL CONDUIT TO ALLOW THE FIXTURE TO BE LIFTED OUT OF THE GRID AND MOVED TO AN ADJACENT GRID LOCATION.

18. BREAKERS SUPPLYING HVAC OR REFRIGERATION EQUIPMENT SHALL BE HACR TYPE.

19. 3/4" CONDUIT IS MINIMUM ALLOWABLE SIZE EXCEPT AS INDICATED IN #10. CONDUIT FILL NOT TO EXCEED 40% AS PERMITTED BY THE NATIONAL ELECTRIC CODE.

20. ALL CONDUCTORS TO BE INSTALLED IN CONDUIT (EXCEPT WHERE ROMEX IS INSTALLED). EMT FITTINGS TO BE COMPRESSION TYPE, INSULATED THROAT.

21. BAPTISTRY INSTALLED PER NEC 680. PROVIDE GFCI PROTECTION FOR CIRCUITS.

22. DATA, SECURITY, THEATRICAL, AND VIDEO SYSTEMS TO BE PROVIDED BY OWNER. ROUGH-IN OF OUTLETS AND CONDUIT WILL BE BY CONTRACTOR AS SHOWN ON DRAWINGS. 23. NOT USED

24. NO. 10 AWG CONDUCTORS SHALL BE USED FOR 20 AMP BRANCH CIRCUIT HOME RUNS EXCEEDING 50 FT. TO THE JUNCTION POINT. 20 AMP BRANCH CIRCUIT WIRING SHALL BE NO. 10 AWG THROUGHOUT IF THE CIRCUIT IS LONGER THAN 100 FEET TOTAL LENGTH.

25. CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET. SPLICES WILL NOT BE MADE EXCEPT WITHIN ACCESSIBLE OUTLET OR JUNCTION BOXES, TROUGHS, OR GUTTERS.

26. MAKE CONDUCTOR LENGTHS FOR PARALLEL CIRCUITS EQUAL.

27. INSTALL TELEPHONE OUTLETS WITH 3/4" EMPTY CONDUIT AND PULL CORD. STUB OUT ABOVE CEILING. PHONE SYSTEM INSTALLED BY OWNER. 28. ALL CONDUIT WITHOUT CONDUCTORS SHALL HAVE NYLON PULLCORDS INSTALLED.

29. THE CONTRACTOR SHALL MAKE A COMPLETE REVIEW OF THE PLANS, SCHEDULES, AND DETAILS PRIOR TO INSTALLATION, AND REVIEW ANY CONFLICTS THAT ARE NOTED WITH THE ENGINEER.

30. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FEES FOR PERMITS AND INSPECTIONS. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR ELECTRIC UTILITY CONNECTION FEES AND LINE EXTENSION FEES. 31. ELECTRICAL CONNECTIONS TO EQUIPMENT SUBJECT TO VIBRATION WHICH DEVELOPS OBJECTIONABLE NOISES SHALL BE MADE FROM THE CONDUIT

SYSTEM WITH SHORT LENGTHS OF FLEXIBLE "LIQUID-TITE" CONDUIT. 32. ALL WIRE TERMINATIONS AND EQUIPMENT TO BE RATED FOR 75° C MINIMUM.

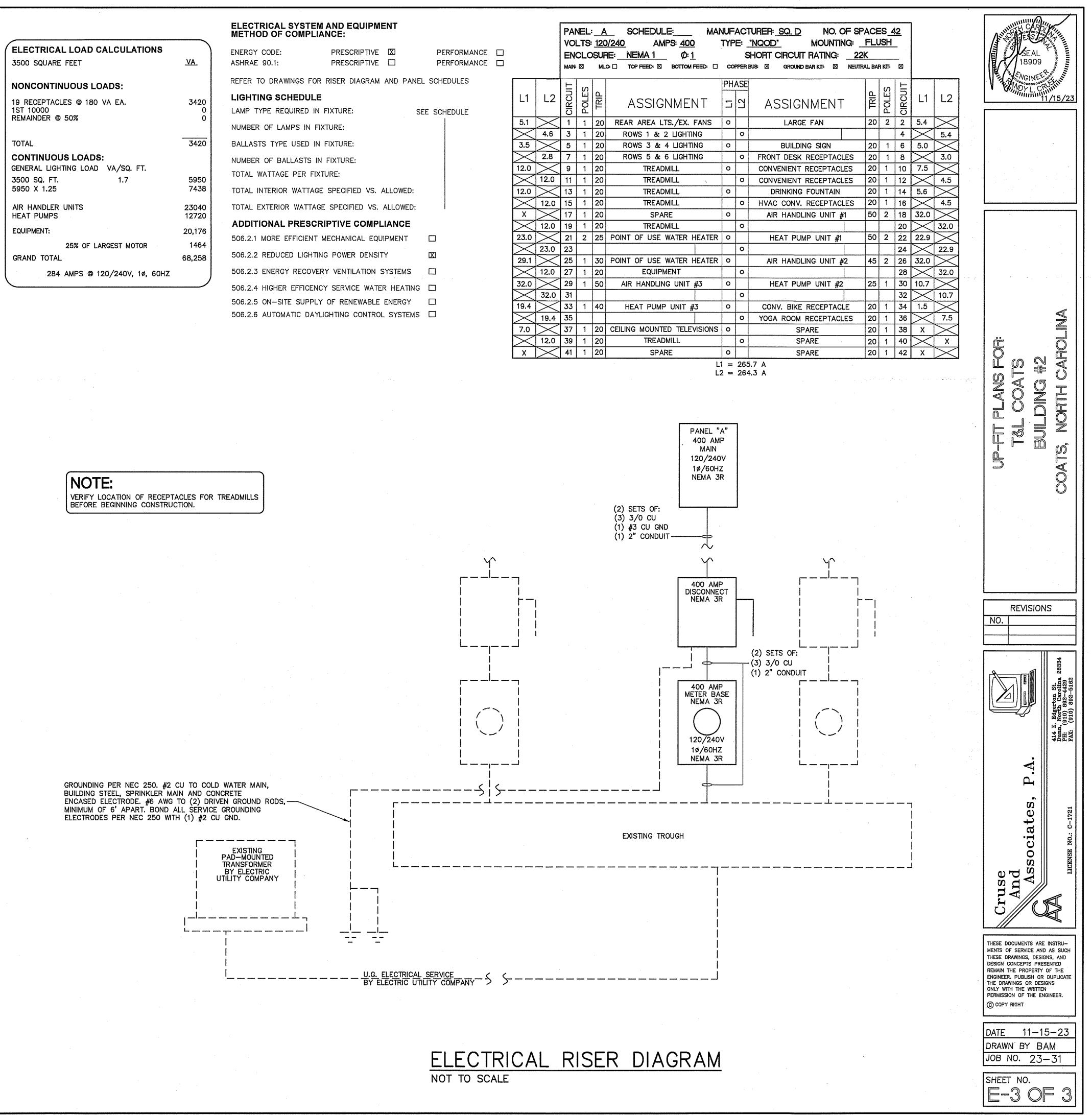
33. ELECTRICAL CONTRACTOR TO MAINTAIN 2' OF SEPARATION ON RECEPTACLES ON OPPOSITE SIDES OF ANY FIRE RATED WALL PER 2017 N.E.C. 300.21. 34. WIRING TO DISCONNECT SWITCH AND DISCONNECT SWITCH SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR. WIRING FROM THE DISCONNECT TO THE EQUIPMENT SHALL BE BY THE MECHANICAL CONTRACTOR.

ELECTRICAL LOAD CALCULATIONS	\/A
3500 SQUARE FEET	<u>_VA_</u>
NONCONTINUOUS LOADS:	
19 RECEPTACLES @ 180 VA EA.	3420
1ST 10000 REMAINDER @ 50%	0 0
TOTAL	3420
CONTINUOUS LOADS:	
GENERAL LIGHTING LOAD VA/SQ. FT.	
3500 SQ. FT.         1.7           5950 X 1.25	5950 7438
AIR HANDLER UNITS	23040
HEAT PUMPS	12720
EQUIPMENT:	20,176
25% OF LARGEST MOTOR	1464
GRAND TOTAL	68,258
284 AMPS @ 120/240V, 1ø, 60HZ	

ELECTRICAL SYSTEM ANI	DEQUIPMENT
METHOD OF COMPLIANCE	Ξ:

METHOD OF COMPLIAN	NCE:			
ENERGY CODE: ASHRAE 90.1:	PRESCRIPTIVE PRESCRIPTIVE		PERFORMANCE PERFORMANCE	
REFER TO DRAWINGS FOR I	RISER DIAGRAM	AND PANEL	SCHEDULES	
LIGHTING SCHEDULE LAMP TYPE REQUIRED IN F NUMBER OF LAMPS IN FIXT BALLASTS TYPE USED IN F NUMBER OF BALLASTS IN I TOTAL WATTAGE PER FIXTU	TURE: 1XTURE: FIXTURE: JRE:		E SCHEDULE	
TOTAL EXTERIOR WATTAGE	SPECIFIED VS.	ALLOWED:		
ADDITIONAL PRESCRI	PTIVE COMPL	IANCE		
506.2.1 MORE EFFICIENT M	ECHANICAL EQU	IPMENT		
506.2.2 REDUCED LIGHTING	POWER DENSIT	Y		
506.2.3 ENERGY RECOVERY	VENTILATION S	YSTEMS		
506.2.4 HIGHER EFFICENCY 506.2.5 ON-SITE SUPPLY 506.2.6 AUTOMATIC DAYLIC	OF RENEWABLE	ENERGY		



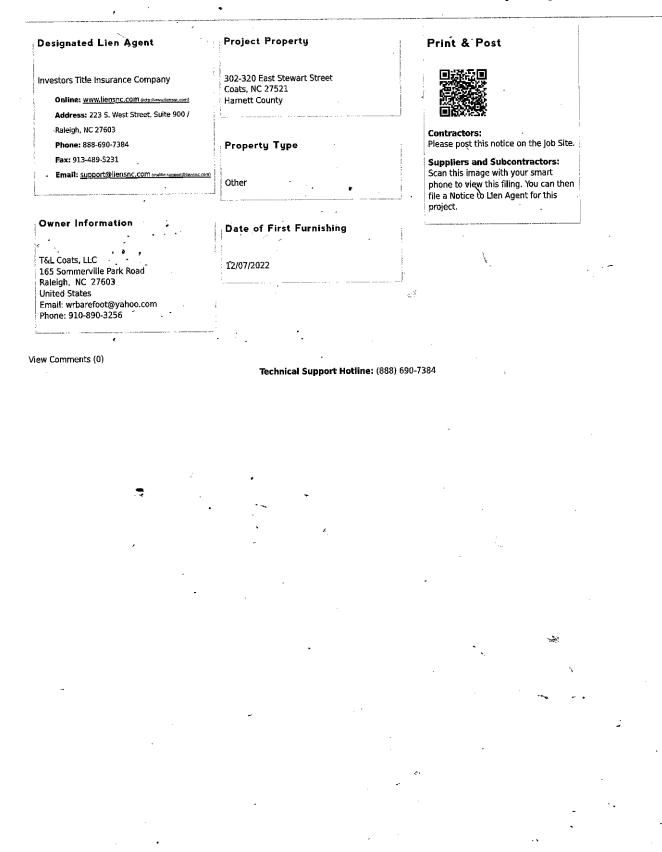


#### DO NOT REMOVE!

#### **Details: Appointment of Lien Agent**

Entry #: 1821962

Filed on: 12/07/2022 Initially filed by: WRBarefoot



and a false must be filled and be	Ą	Application #
section below must be filled out by er is performing the work. Must be owner	Harnett County Central Permit	tting
nsed contractor. Address, company	420 McKinney Pkwy Lillington, NC 27	7546
k phone must match information on state 910-8	PO Box 65 Lillington, NC 27546 93-7525 ext. 1 Fax 910-893-2793 www.l	
	COMMERCIAL	, , , , , , , , , , , , , , , , , , ,
Арр	lication for Building and Trade	es Permit
Owner's Name: <u>てょと Coo</u> a	ts, LLC	Date: <u>1-5-2 4</u>
Site Address: 308 - 314 E. S	temant St. Coats, N	C Phone: 910-890-325
Directions to job site from Lillington:	take Hwy. 27 to	Coats, Cross Hury. 55 tou
Benson site will	be on the tight	1 1
	<u> </u>	· · · · · · · · · · · · · · · · · · ·
Subdivision: N A		Lot:
	ofit construction for	r units - 308-314 E. Steward
Heated SF Unhea	• • •	-
General Contra	ctor Information: Building Cost	t\$ <b>17,000</b>
Barefoot Buildy Comput	•	910-890-3256
Building Contractor's Company Nam	e	Telephone
PO BOX 1411 COats, NO		wrbarefout · yahuo. c
Áddress	- · · · · · ·	Email Address
Which a		*.
Signature of Owner/Contractor/Office	er(s) of Corporation	License #
Electrical Contr Description of Work <u>installution</u>	actor Information: Electrical Co	ost $\frac{30,000}{400}$
	· · · · ·	
<u>Reliant</u> Electric and Pe Electrical Contractor's Company Nar		<u>(919) (32-(6763</u> Telephone
	· · · · · · · · · · · · · · · · · · ·	
222 Normany Drive, Address	Clayton, NC	Email Address
	:	295884
Signature of Owner/Contractor/Office	er(s) of Corporation	License #
Mechanical Con	tractor Information: Mechanica	
Description of Work _ installati	m of HVAC system	# Units
J+M Meathy + Air Condi		(910) 897-5501
Mechanical Contractor's Company N		Telephone
724 Turkman Roul, Du	n, NC 28334	
Address	······································	Email Address
Kart Johnm		L. 17164
Signature of Owner/Contractor/Office		License #
*	actor Information: Plumbing C	
Description of Work	on of plumby system	# Baths
Herriz Restor Plum	by Lic	
Plumbing Contractor's Company Nar		Telephone
1080 Reedy Frong Chi	urch Kd.; NeutoriGrove	NC 28369
Address 6	• •	Email Address
Shine Herry	-1-) -5 O	36262
Signature of Owner/Contractor/Office	er(s) of Corporation	License #
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Insulation Contractor's Company Na	me & Address	Telephone

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<u></u>	prinkler Contractor Info	mauon
Sprinkler Contractor's Company Name	<u></u>	Telephone
Address	<u>.</u>	Email Address
Signature of Officer(s) of Corporation	e Alarm Contractor Info	License #
Fire Alarm Contractor's Company Name		Telephone
Address		Email Address
Signature of Officer(s) of Corporation	*	License #
Driveway Access - NC Departme	ent of Transportation Drive	way Access/Permit?Yes No
number of bedrooms, building and trade changes, I certify it is my responsibility t any and all changes. <b>Expired Permit Fees</b> - 6 months to 2 ye is charged at full price per current fee scl	to notify the Harnett Cou ears permit re-issue fee i	nty Central Permitting Department of
Willa	-	1/5/24
Signature of Owner/Contractor/Officer(s)	of Corporation	Date
Affidavit for W The undersigned applicant being the:	orker's Compensat	ion N.C.G.S. 87-14
General Contractor	wner Officer/	Agent of the Contractor or Owner
Do hereby confirm under penalties of per set forth in the permit:	rjury that the person(s), fi	rm(s) or corporation(s) performing the work
Has three (3) or more employees	and has obtained worker	s' compensation insurance to cover them.
Has one (1) or more subcontracto them.	ors(s) and has obtained w	orkers' compensation insurance to cover
Has one (1) or more subcontracto covering themselves.	ors(s) who has their own r	policy of workers' compensation insurance
Has no more than two (2) employe	ees and no subcontracto	<b>ş</b> .
to issuance of the permit and at any time carrying out the work.	ire certificates of coverage during the permitted wo	e of worker's compensation insurance prior rk from any person, firm or corporation
Company or Namo: Board at	Build of Comp.	ng, LL C
company of Name.	- Marala	Manzon Date: 1/5/24
Company or Name: <u>Banfart</u> Sign w/Title: <u>Aun n R</u>	- inchio j	
Sign w/Title: <u>Aur n n</u>	1.00.00	

nai Applicatio	n Date:				
	t «	•		DRB #	CU#
	×		COMMERCIAL ARNETT LAND USE APPLI	CATION	
		ngton, NC 27546 (Mailing) PO Be	ox 65 Lillington NC 27546 Phone; (9	910) 893-7525 opt # 1 Fax: (91	
			Mailing Address:		
ty: <u>Ralei</u>	<u>iyh</u>	State: NC Zip: 27603	Contact # 910-890-	<b>3256</b> Email: <u>(</u>	rbarefoot e ya
PPLICANT*:	- same-		Mailing Address:		·
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			retoot		*
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Multi-Family	v Uwelling No. Units:	No. Bedro	oms/Unit:		
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		,		lovees: Hou	rs of Operation:
		,	ess Center / Gym # Emp	loyees: Hou	rs of Operation:
Business	Sq. Ft. Retail Space:	<b>35∞</b> Type: <b>Eitn</b>			
Business Daycare	Sq. Ft. Retail Space:	<b>3500</b> Type: <b>E:+n</b>	ess Center / Gym # Emp s: # Employee	es: Hours o	f Operation:
Business	Sq. Ft. Retail Space:	<b>3500</b> Type: <b>E:+n</b>	ess Center / Gym # Emp	es: Hours o	f Operation:
Business Daycare Industry	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft:	<b>35</b> Type: <b><u>Fitn</u> # Afterschoolers Type:</b>	ess Center / Gym # Emp s: # Employee	es: Hours o	f Operation:
Business Daycare Industry	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft:	<b>35</b> Type: <b><u>Fitn</u> # Afterschoolers Type:</b>	e <u>us (enter / Gym</u> # Emp s: # Employee # Employee	es: Hours o	f Operation:
Business Daycare I Industry Church	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity:	<b>35</b> Type: <b>Eith</b>	<b>ess Center / Gym</b> # Employee           ::	es: Hours of the Hours of	f Operation:
Business Daycare Industry Church Accessory//	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity: Addition/Other (Size;	35∞ ¥ Afterschoolers # Afterschoolers  Type: x) Use:	# Bathrooms:	es: Hours of the Hours of	f Operation:
Business Daycare Industry Church Accessory//	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity: Addition/Other (Size;	35∞ ¥ Afterschoolers # Afterschoolers  Type: x) Use:	# Bathrooms:	es: Hours of the Hours of	f Operation:
Business Daycare Industry Church Accessory//	Sq. Ft. Retail Space:	350         Type:         Fitne	Center / Gym # Employee     # Employee     # Employee     # Bathrooms:	es: Hours of the same time as long to th	f Operation:
Business Daycare Industry Church Accessory// Ater Supply:	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity: Addition/Other (Size; County Existi New Septic Tank Complete Environmental H	350         Type:         Fitne	Center / Gym # Employee     # Employee     # Employee     # Bathrooms:	es: Hours of the same time as long to th	f Operation:
Business Daycare I Industry Church Accessory// /ater Supply: ewage Supply:	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity: Addition/Other (Size; County Existi New Septic Tank Complete Environmental H	350         Type:         Fitne	Center / Gym # Employee     # Employee     # Employee     # Bathrooms:	es: Hours of the same time as long to th	f Operation:
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Business Daycare I Industry Church Accessory// Ater Supply:	Sq. Ft. Retail Space: # Preschoolers: Sq. Ft: Seating Capacity: Addition/Other (Size; County Existi New Septic Tank Complete Environmental H	350         Type:         Fitne	Center / Gym # Employee     # Employee     # Employee     # Bathrooms:	es: Hours of the same time as long to th	f Operation:

1/i

Signature of Owner or Owner's Agent

Date

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\*\*This application expires 6 months from the initial date if permits have not been issued\*\* RECORDED DEED (OR OFFER TO PURCHASE) AND PLAT ARE REQUIRED WHEN APPLYING FOR LAND USE APPLICATION

\*\*\*It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.\*\*\*

strong roots • new growth