2018 APPENDIX B BUILDING CODE SUMMARY			
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS	ALLOWABLE HEIGHT	DESIGN LOADS: STRUCTURAL DESIGN-EXISTING BUILDING	WITH CARDING
(EXCEPT 1 AND 2 FAMILY DWELLINGS AND TOWNHOUSES) NAME OF PROJECT: <u>T & L COATS BUILDING #2 (FOUR TENANT UP-FIT)</u>	ALLOWABLE SHOWN ON PLANS CODE 1 REFERENCE 1	SNOW (I _S)	A P BES AT
ADDRESS:	BUILDING HEIGHT IN FEET (TABLE 504.3) ² FEET <u>55</u> 23'-8"	SEISMIC (I _E)	SEAL 500 18909
OWNER/AUTHORIZED AGENT: ROBERT BAREFOOT PHONE #: (910) 890-3256 EMAIL: WRBAREFOOT@YAHOO.COM	BUILDING HEIGHT IN STORIES (TABLE 504.4) ³ STORIES <u>3</u> STORIES 1	LIVE LOADS: ROOF PSF NOTICE TO CONTRACTOR All construction must comply with current NG Building Codes and is subject to field inspection and its subject to field in	
OWNED BY: CITY/COUNTY PRIVATE STATE	1. PROVIDE CODE REFERENCE IF THE "SHOWN ON PLANS" QUANTITY IS NOT BASED ON TABLE 504.3 OR 504.4.	MEZZANINE PSF and is subject to field inspection and verification. FLOOR PSF Reviewed for Code Compliance	HIN OCONGINEE
CODE ENFORCEMENT JURISDICTION: CITY COUNTY HARNETT STATE	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.	GROUND SNOW LOAD: PSF Harnett	12/19/22
LEAD DESIGN PROFESSIONAL: CRUSE & ASSOCIATES, P.A. DESIGNER FIRM NAME LICENSE # TELEPHONE NO.	FIRE PROTECTION REQUIREMENTS	$\frac{02}{13}\frac{2023}{2023}$	-
ARCHITECTURAL		WIND LOAD: BASIC WIND SPEED MPH (ASCE-7) EXSPOSURE CATEGORY	
BUILDING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM	BUILDING ELEMENT FIRE RATING DETAIL DESIGN # DESIGN # FOR DESIGN SEPARATION REQ'D PROVIDED AND FOR RATED # FOR		
ELECTRICAL CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM	SEPARATION REQ'D PROVIDED AND FOR RATED # FOR DISTANCE (W/*SHEET RATED RATED RATED (FEET) REDUCTION) # ASSEMBLY JOINTS	SEISMIC DESIGN CATEGORY	
FIRE ALARM PLUMBING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM	STRUCTURAL FRAME,	SEISMIC DESIGN CATEGORY	
PLUMBING CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM MECHANICAL CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM SPRINKLER-STANDPIPE CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM	GIRDERS, TRUSSES	PROVIDE THE FOLLOWING SEISMIC DESIGN PARAMETERS:	
STRUCTURAL (FOUNDATION) CRUSE & ASSOCIATES, P.A. RANDY CRUSE, PE 18909 910-892-4429 RCRUSE@CRUSEASSOCIATES.COM	BEARING WALLS - <	OCCUPANCY CATEGORY (TABLE 1604.5)	
RETAINING WALLS >5' HIGH	NORTH 0 - <td>SPECTRAL RESPONSE ACCELERATION $S_s _ g$ $S_1 _ g$ SITE CLASSIFICATION (ASCE 7): $\Box A \Box B \Box C \Box D \Box E \Box F$</td> <td></td>	SPECTRAL RESPONSE ACCELERATION $S_s _ g$ $S_1 _ g$ SITE CLASSIFICATION (ASCE 7): $\Box A \Box B \Box C \Box D \Box E \Box F$	
("OTHER" SHOULD INCLUDE FIRMS AND INDIVIDUALS SUCH AS TRUSS, PRECAST, PRE-ENGINEERED, INTERIOR DESIGNERS, ETC.)	EAST 0 -	DATA SOURCE:	
	SOUTH 0	BASIC STRUCTURAL SYSTEM (CHECK ONE)	
IST TIME INTERIOR COMPLETIONS	NONBEARING WALLS &	BEARING WALL DUAL W/SPECIAL MOMENT FRAME BUILDING FRAME DUAL W/INTERMEDIATE R/C OR SPECIAL STEEL	
SHELL/CORE-CONTACT THE LEAD INSPECTION JURISDICTION FOR POSSIBLE ADDITIONAL PROCEDURES & REQUIREMENTS	PARTITIONS -	MOMENT FRAME INVERTED PENDULUM	
	<u>NORTH – 0 – – – – – – – – – – – – – – – – – </u>		
PHASED CONSTRUCTION-SHELL/CORE-CONTACT THE LEAD INSPECTION JURISDICTION FOR FOR POSSIBLE ADDITIONAL PROCEDURES & REQUIREMENTS	<u>EAST – O – – – – – – – – – – – – – – – – – </u>		
	<u>SOUTH</u> – 0 – – – – – – INTERIOR – 0 – – – – –	ARCHITECTURAL, MECHANICAL, COMPONENTS ANCHORED? YES NO	
2018 NC EXISTING BUILDING CODE: PRESCRIPTIVE REPAIR CHAPTER 14 ALTERATION: LEVEL I LEVEL II LEVEL III	INTERIOR - 0 - - - FLOOR CONSTRUCTION INCLUDING SUPPORTING - 0 - - -	LATERAL DESIGN CONTROL: EARTHQUAKE	
	INCLUDING SUPPORTING - 0	SOIL BEARING CAPACITIES:	
CONSTRUCTED: (DATE) CURRENT OCCUPANCY(S): (CH. 3)	FLOOR CEILING ASSEMBLY	SUL BEARING CAPACITIES: FIELD TEST (PROVIDE COPY OF TEST REPORT) PSF	5.5
RENOVATED: (DATE) PROPOSED OCCUPANCY(S) (CH. 3):	COLUMNS SUPPORTING FLOORS	PRESUMPTIVE BEARING CAPACITY PSF	
	ROOF CONSTRUCTION	PILE SIZE, TYPE, AND CAPACITY	
DAGIO DOILDING DAIA.	INCLUDING SUPPORTING - 0	ENERGY REQUIREMENTS:	m E T O
	ROOF CEILING ASSEMBLY - - - - - COLUMNS SUPPORTING ROOF - - - - -	THE FOLLOWING DATA SHALL BE CONSIDERED MINIMUM AND ANY SPECIAL ATTRIBUTE REQUIRED TO MEET THE ENERGY CODE SHALL	X X X I
SPRINKLERS: IN NO PARTIAL IN YES IN NFPA 13 IN NFPA 13R IN NFPA 13D	SHAFT ENCLOSURES-EXIT	ALSO BE PROVIDED. EACH DESIGNER SHALL FURNISH THE REQUIRED PORTIONS OF THE PROJECT INFORMATION FOR THE PLAN DATA SHEET.	
STANDPIPES: X NO YES CLASS I I II WET DRY		IF PERFORMANCE METHOD, STATE THE ANNUAL ENERGY COST FOR THE STANDARD REFERENCE DESIGN VS THE ANNUAL ENERGY COST FOR THE PROPOSED DESIGN.	
PRIMARY FIRE DISTRICT: NO YES FLOOD HAZARD AREA: NO YES	OCCUPANCY SEPARATION	EXISTING BUILDING ENVELOPE COMPLIES WITH CODE NO YES (THE REMAINDER OF THIS SECTION IS NOT APPLICABLE)	
SPECIAL INSPECTIONS REQUIRED: IN IN IN IT YES (CONTACT THE LOCAL INSPECTION JURISDICTION FOR ADDITIONAL PROCEDURES & REQUIREMENTS)	SMOKE BARRIER SEPARATION	EXEMPT BUILDING NO YES PROVIDE CODE OR STATUTORY REFERENCE:	
GROSS BUILDING AREA:	TENANT/DWELLING UNIT/	CLIMATE ZONE: 3A X 4A 5A	
FLOOR EXISTING (SQ FT) NEW (SQ FT) SUB-TOTAL TOTAL BUILDING = 7,000 SQ. FT.	INCIDENTAL USE SEPARATION		
3RD FLOOR TENANT 1 = 1.750 SQ. FT	*INDICATE SECTION NUMBER PERMITTING REDUCTION	METHOD OF COMPLIANCE: ENERGY CODE PERFORMANCE PRESCRIPTIVE ASHRAE 90.1 PERFORMANCE PRESCRIPTIVE	
2ND FLOOR TENANT T = 1,750 SQ. FT. MEZZANINE TENANT 2 = 1,750 SQ. FT. 1ST FLOOR 7,000 UP-FIT TENANT 4 = 1,750 SQ. FT. TENANT 4 = 1,750 SQ. FT.		OTHER: PERFORMANCE (SPECIFY SOURCE)	
	PERCENTAGE OF WALL OPENING CALCULATIONS		
BASEMENT	FIRE SEPARATION DISTANCE DEGREE OF OPENINGS ALLOWABLE AREA ACTUAL SHOWN ON PLANS	THERMAL ENVELOPE (PRESCRIPTIVE METHOD ONLY)	
	(FEET) FROM PROPERTY LINES PROTECTION (%) (%)	RUDF/CEILING ASSEMBLY (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY <u>R-19 + R-11 LS WITH R-3 THERMAL BLOCKS</u>	
ALLOWABLE AREA PRIMARY OCCUPANCY CLASSIFICATION(S):	82' UP; NS NO LIMIT 42%	U-VALUE OF TOTAL ASSEMBLY: <u>N/A</u> R-VALUE OF INSULATION: N/A	
ASSEMBLY \Box A-1 \Box A-2 \Box A-3 \Box A-4 \Box A-5	· ·	SKYLIGHTS IN EACH ASSEMBLY <u>N/A</u>	
BUSINESS 🛛		U-VALUE DF SKYLIGHT: <u>N/A</u> TDTAL SQUARE FDDTAGE DF SKYLIGHTS IN EACH ASSEMBLY N/A	
EDUCATIONAL	LIFE SAFETY SYSTEM REQUIREMENTS:		
FACTORY IF-1 MODERATE F-2 LOW	EMERGENCY LIGHTING:	EXTERIOR WALLS (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY <u>R-0.0+R-15.8 CI, WITH BRICK VENEER</u>	
HAZARDOUS I H-1 DETONATE H-2 DEFLAGRATE H-3 COMBUST H-4 HEALTH H-5 HPM	EXIT SIGNS: INO INO INS FIRE ALARM: INO INS	U-VALUE OF TOTAL ASSEMBLY:	REVISIONS NO.
INSTITUTIONAL □ I−1 CONDITION □ 1 □ 2 □ I−2 CONDITION □ 1 □ 2	SMOKE DETECTION SYSTEMS: X NO YES PARTIAL	OPENINGS (WINDOWS OR DOORS WITH GLAZING) DOUBLE PANE, H.M. FRAME	
\Box I-3 CONDITION \Box 1 \Box 2 \Box 3 \Box 4 \Box 5		U-VALUE OF ASSEMBLY0.45SOLAR HEAT GAIN COEFFICIENTYN/A	
	LIFE SAFETY PLAN REQUIREMENTS:		
RESIDENTIAL \square R-1 \square R-2 \square R-3 \square R-4	LIFE SAFETY PLAN SHEET #, IF PROVIDED LS-1 OF 1	WALLS BELOW GRADE (EACH ASSEMBLY) DESCRIPTION OF ASSEMBLY N/A	5833 5833
STORAGE S-1 MODERATE S-2 LOW HIGH-PILED		U-VALUE OF TOTAL ASSEMBLY N/A R-VALUE OF INSULATION N/A	
PARKING GARAGE OPEN DENCLOSED REPAIR GARAGE UTILITY AND MISCELLANEOUS	ACCESSIBLE DWELLING UNITS N/A (SECTION 1107)	FLOORS OVER UNCONDITIONED SPACE (EACH ASSEMBLY)	22-5
		DESCRIPTION OF ASSEMBLY N/A	idgerton 00) 892-4
ACCESSORY OCCUPANCY CLASSIFICATION(S):	TOTAL ACCESSIBLE ACCESSIBLE TYPE A TYPE A TYPE B TYPE B TOTAL UNITS UNITS UNITS UNITS UNITS UNITS UNITS UNITS UNITS ACCESSIBLE UNITS REQUIRED PROVIDED REQUIRED PROVIDED REQUIRED PROVIDED PROVIDED	U-VALUE DF TOTAL ASSEMBLY <u>N/A</u> R-VALUE DF INSULATION <u>N/A</u>	E. Edgerton n, North Ca (910) 892- (910) 892-
INCIDENTAL USES(TABLE 509):		FLOOR SLAB ON GRADE DESCRIPTION OF ASSEMBLYSLAB-ON-GRADE	414 J Dunn PH: FAX:
SPECIAL USES(CHAPTER 4-LIST CODE SECTIONS):		R-VALUE OF INSULATION R-15 TO BOTTOM OF FOOTING	
SPECIAL PROVISIONS(CHAPTER 5-LIST CODE SECTIONS):	ACCESSIBLE PARKING-SEE SITE PLAN-SEE SITE PLAN	U-VALUE OF TOTAL ASSEMBLY HORIZONTAL / VERTICAL REQUIREMENT	A.
MIXED OCCUPANCY: INO IN YES SEPARATION:HR. EXCEPTION:	(SECTION 1106)	SLAB HEATED ?ND	
	LOT OR PARKING TOTAL # OF PARKING SPACES # OF ACCESSIBLE SPACES PROVIDED TOTAL # ACCESSIBLE		
NON-SEPARATED USE(508.3) THE REQUIRED TYPE OF CONSTRUCTION FOR THE BUILDING SHALL BE DETERMINED BY APPLYING THE HEIGHT AND AREA LIMITATIONS FOR EACH OF THE APPLICABLE	ACCESS AISLE 132" ACCESS 8' ACCESS PROVIDED	Summary:	
OCCUPANCIES TO THE ENTIRE BUILDING. THE MOST RESTRICTIVE TYPE OF	AISLE AISLE 24 37 2 2	Juliuy.	te
CONSTRUCTION, SO DETERMINED, SHALL APPLY TO THE ENTIRE BUILDING.		ENERGY CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: ENERGY CONSERVATION CODE	s a
SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL FLOOR AREA OF FACH		BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE	
USE DIVIDED BY THE ALLOWABLE FLOOR AREA FOR EACH USE SHALL NOT EXCEED 1.		MECHANICAL CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE MECHANICAL CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE	
$\frac{\text{ACTUAL AREA OF OCCUPANCY A}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} + \frac{\text{ACTUAL AREA OF OCCUPANCY B}}{\text{ALLOWABLE AREA OF OCCUPANCY B}} \leq 1$	PLUMBING FIXTURE REQUIREMENTS	PLUMBING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE PLUMBING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE	d ASS ASS
+ + = ≤1.00	(TABLE 2902.1)	ELECTRICAL CODE: 2020 NATIONAL ELECTRIC CODE	
	USE WATERCLOSETS LAVATORIES SERVICE DRINKING FOUNTAINS		
STORY NO. DESCRIPTION (A) (B) (C) (D) AND USE BLDG AREA TABLE 506.2 AREA FOR ALLOWABLE	MALE FEMALE UNISEX MALE FEMALE UNISEX REGULAR ACCESSIBLE TENANT REQUIRED - - 1 * * *	ACCESSIBILITY CODE: ICC/ANSI 117.1-2009 AMERICAN NATIONAL STANDARD ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	J// Q2
PER STORY AREA FRONTAGE AREA PER STORY OR	1 2 1 2 2 1 2 2 1 BUSINESS PROVIDED - - 1 * * *	CONSTRUCTION: II-B	
	TENANT REQUIRED - - - 1 * * *	OCCUPANCY: BUSINESS	THESE DOCUMENTS ARE INSTRU-
1 BUSINESS 7,000 23,000 – 23,000	BUSINESS PROVIDED 1 1 * * *		MENTS OF SERVICE AND AS SUCH THESE DRAWINGS, DESIGNS, AND
	TENANT REQUIRED - 1 - - 1 * * *	SHEET INDEX	DESIGN CONCEPTS PRESENTED REMAIN THE PROPERTY OF THE
	BUSINESS PROVIDED 1 - 1 * * *	BD-1 OF 1 APPENDIX B F-1 OF 2 FLOOR PLAN	ENGINEER. PUBLISH OR DUPLICATE THE DRAWINGS OR DESIGNS
¹ FRONTAGE AREA INCREASES FROM SECTION 506.2 ARE COMPUTED THUS:	TENANT REQUIRED - 1 - 1 - <	F-2 OF 2 FOUNDATION PLAN	ONLY WITH THE WRITTEN PERMISSION OF THE ENGINEER.
A. PERIMETER WHICH FRONTS A PUBLIC WAY OR OPEN SPACE HAVING 20 FEET MINIMUM WIDTH =(F)	BUSINESS PROVIDED 1 1 1 1 1	P-1 OF 3 PLUMBING SUPPLY PLAN	C COPY RIGHT
B. TOTAL BUILDING PERIMETER =(P)	*NCSBC 2902.6	P-2 OF 3 PLUMBING WASTE & VENT PIPING PLAN P-3 OF 3 PLUMBING WASET & VENT RISER DIAGRAMS/NOTES	· · · · · · · · · · · · · · · · · · ·
C. RATIO $(F/P) = $ (F/P) D. W = MINIMUM WIDTH OF PUBLIC WAY = (W)	SPECIAL APPROVALS	M-1 OF 2 MECHANICAL HVAC PLAN	DATE 12-19-22
E. PERCENT OF FRONTAGE INCREASE $f = 100[F/P-0.25] \times W/30=$ (%)	SPECIAL APPROVAL: (LOCAL JURISDICTION, DEPARTMENT OF INSURANCE, OSC, DPI, DHHS, ICC, ETC., DESCRIBE BELOW)	M-2 OF 2 MECHANICAL SCHEDULES & DETAILS E-1 OF 4 ELECTRICAL LIGHTING PLAN	DRAWN BY BAM
² UNLIMITED AREA APPLICABLE UNDER CONDITIONS OF SECTION 507.		E-2 OF 4 ELECTRICAL POWER PLAN E-3 OF 4 ELECTRICAL PANEL SCHEDULES & NOTES	JOB NO. 22-60
³ MAXIMUM BUILDING AREA = TOTAL NUMBER OF STORIES IN THE BUILDING \times D (MAXIMUM 3 STORIES) (506.2).		L-J VF T ELECTRICAL FAMEL SUFEDULES & NUTES	
		E-4 OF 4 ELECTRICAL RISER DIAGRAM	
⁴ THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.5.4.		E-4 OF 4 ELECTRICAL RISER DIAGRAM	SHEET NO.
⁴ THE MAXIMUM AREA OF OPEN PARKING GARAGES MUST COMPLY WITH 406.5.4. ⁵ FRONTAGE INCREASE IS BASED ON THE UNSPRINKLERED AREA VALUE IN TABLE 506.2.		E-4 OF 4 ELECTRICAL RISER DIAGRAM	sheet no. BD-1 OF 1

	FIRE PROT	ЕСПО	N REQUIREM	ENTS			
BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	REQ'D	RATING PROVIDED (W/* REDUCTION)	SHEET	DESIGN # FOR RATED ASSEMBLY	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	eventst-				
NORTH	—	0		-			
EAST		0	•••• .				-
WEST	-	0			-		_
SOUTH		0	·	******	-		
INTERIOR	-	0			-		
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	-	0			_		
FLOOR CEILING ASSEMBLY	→						
COLUMNS SUPPORTING FLOORS			→		-		
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	-	0	_			_	
ROOF CEILING ASSEMBLY		_	_				
COLUMNS SUPPORTING ROOF							
SHAFT ENCLOSURES-EXIT	-			-	*****		******
SHAFT ENCLOSURES-OTHER		- 1	-				
CORRIDOR SEPARATION		0					_
OCCUPANCY SEPARATION							
PARTY/FIRE WALL SEPARATION							
SMOKE BARRIER SEPARATION		-					
TENANT/DWELLING UNIT/ SLEEPING UNIT SEPARATION		-	-	_			
INCIDENTAL USE SEPARATION							

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%
· · · · · · · · · · · · · · · · · · ·			

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

	(SECTION 1107)									
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			

LOT OR PARKING AREA	TOTAL # OF I	PARKING SPACES	# OF ACCESSIBL	/IDED	TOTAL #		
	REQUIRED	PROVIDED	REGULAR WITH 5' ACCESS AISLE	VAN SPACES 132" ACCESS AISLE		ACCESSIBLE PROVIDED	
	24	37	2			2	

					<u></u>	1	. 2002.	· /			
U	USE		WATERCLOSETS		URINALS		AVATORI	ES	SERVICE SINK	DRINKING	FOUNTAINS
		MALE	FEMALE	UNISEX	UKIIVALS	MALE	FEMALE	UNISEX	SINK	REGULAR	ACCESSIBLE
TENANT	REQUIRED	-	-	1 -				1	*	*	*
	PROVIDED		_	1	-		-	1	*	*	*
TENANT	REQUIRED		-	1	_	-		1	*	*	*
	PROVIDED		_	1		_	_	1	*	*	*
TENANT	REQUIRED		-	1	_	_	-	1	*	*	*
BUSINESS	PROVIDED			1	_	_		1	*	*	*
TENANT 4	REQUIRED			1		-		1		_	
BUSINESS	PROVIDED			1		-		1	1	1	1



<u>SHEET</u>	IND
BD-1 OF 1	APPEN
F-1 OF 2	FLOOR
F-2 OF 2	FOUND
P-1 OF 3	PLUMB
P-2 OF 3	PLUMB
P-3 OF 3	PLUMB
M-1 OF 2	MECHA
M-2 OF 2	MECHA
E-1 OF 4	ELECT
E-2 OF 4	ELECT
E-3 OF 4	ELECT
E-4 OF 4	ELECT

EXIT REQUIREMENTS:

		NUMB	ER AND ARRAN	IGEMENTS OF I	EXITS	
FLOOR, ROOM OR SPACE DESIGNATION	MINI NO. OF	MUM ² EXITS	TRAVEL DIS	ARRANGEMENT MEANS OF EGRESS ^{1,3} (SECTION 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
BUSINESS (TENANT 1)	2	2	200'	63'-10"	35'-8"	69'-0"
BUSINESS (TENANT 2)	2	2	200'	46'-2"	35'-8"	69'-0"
BUSINESS (TENANT 3)	2	2	200'	46'-0"	35'-8"	69'—0"
BUSINESS (TENANT 4)	2	2	200'	59'-1"	35'8"	69'-0"

1. CORRIDOR DEAD ENDS (SECTION 1020.4) 2. BUILDINGS WITH SINGLE EXITS (TABLE 1006.3.2(2)), SPACES WITH ONE MEANS OF EGRESS (TABLE 1006.2.1)

3. COMMON PATH OF TRAVEL (SECTION 1029.8)

EXIT WIDTH

	•			MILTH					
USE GROUP OR SPACE DESCRIPTION	(a)	(b)		(c))		EXIT WI	OTH (in)	
SPACE DESCRIPTION	AREA ¹ SQ. FT.	AREA 1 PER OCCUPANT (TABLE	CALCULATED OCCUPANT LOAD	EGRESS PER OCO (TABLE	CUPANT	REQUIRE (SECTION (a/t		ACTUAL SHOW PLA	N ON
		1004.1.2)	(a/b)	STAIR	LEVEL	STAIR	LEVEL	STAIR	LEVEL
BUSINESS (TENANT 1)	1,750	100 GROSS	18	N/A	.2	N/A	3.6"	<u>N/A</u>	70"
BUSINESS (TENANT 2)	1,750	100 GROSS	18	N/A	.2	N/A	3.6"	<u>N/A</u>	70"
BUSINESS (TENANT 3)	1,750	100 GROSS	18	N/A	.2	N/A	3.6"	N/A	70"
BUSINESS (TENANT 4)	1,750	100 GROSS	18	N/A	.2	N/A	3.6"	N/A	70"
			ICO NET OD	00000 40					

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)

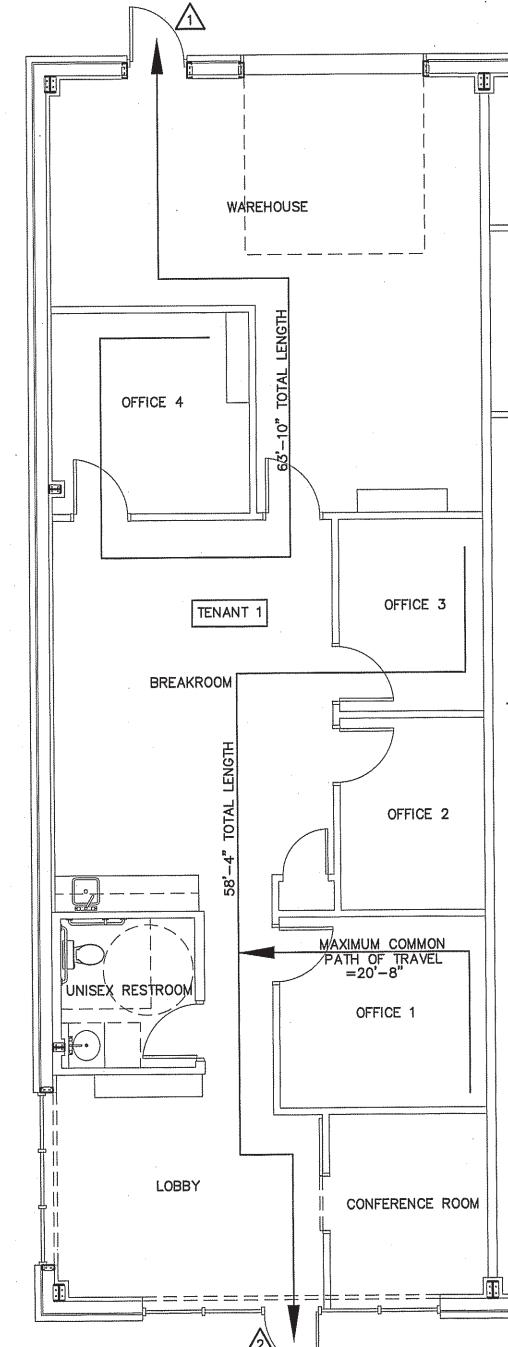
2. MINIMUM STAIRWAY WIDTH (SECTION 1011.2); MIN. CORRIDOR WIDTH (SECTION 1020.2); MIN. DOOR WIDTH

(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)



LIFE SAFETY PLAN REQUIREMENTS: IN OCCUPANT LOADS FOR EACH AREA ☑ EXIT ACCESS TRAVEL DISTANCES (1017) 🔀 DEAD END LENGTHS (1020.4) – SEE NOTE 4 X CLEAR EXIT WIDTHS FOR EACH EXIT DOOR FOR PURPOSES OF OCCUPANCY SEPARATION. SEE NOTE 5 🔀 THE SQUARE FOOTAGE OF EACH FIRE AREA (902) - SEE NOTE 8 ☑ THE SQUARE FOOTAGE OF EACH SMOKE COMPARTMENT (407.5) - SEE NOTE 9

LIFE SAFETY PLAN NOTES: 1. NO RATED WALLS. 2. ALL ASSUMED AND REAL PROPERTY LINES >30'. 3. UNLIMITED (ALL 30' OR GREATER) 4. NO DEAD ENDS; 20' ALLOWED. NO RATING REQUIRED THIS STRUCTURE. 5. PANIC HARDWARE NOT REQUIRED. 6.

FIRE AND/OR SMOKE RATED WALL LOCATIONS (CHAPTER 7) - SEE NOTE 1 ☑ ASSUMED AND REAL PROPERTY LINE LOCATIONS - SEE NOTE 2 🖾 EXTERIOR WALL OPENING AREA WITH RESPECT TO DISTANCE TO ASSUMED PROPERTY LINES (705.8) - SEE NOTE 3 SOCCUPANCY TYPES FOR EACH AREA AS IT RELATES TO OCCUPANT LOAD CALCULATION (TABLE 1004.1.2)

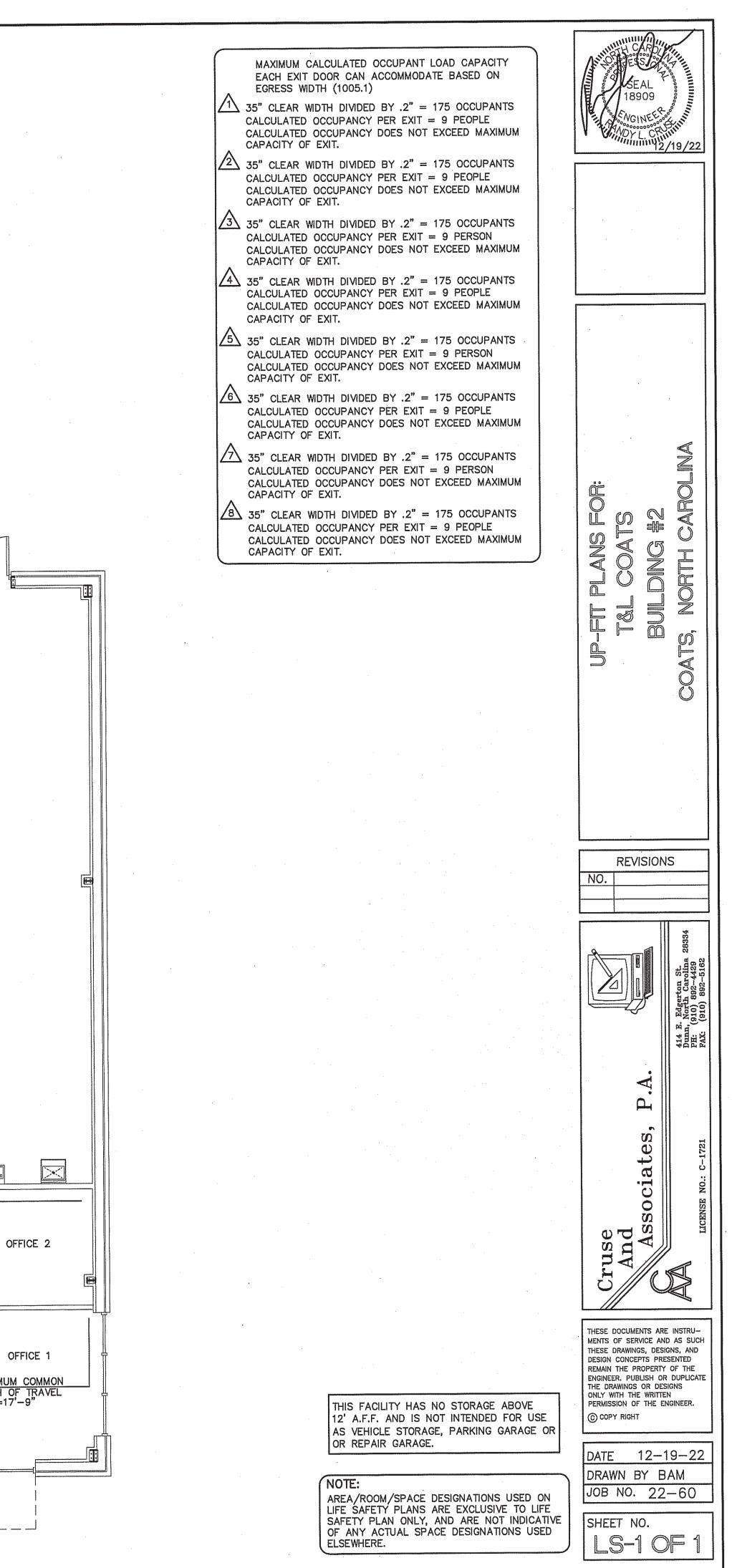
COMMON PATH OF TRAVEL DISTANCES (1006.2.1 & 1006.3.2(1))

MAXIMUM CALCULATED OCCUPANT LOAD CAPACITY EACH EXIT DOOR CAN ACCOMMODATE BASED ON EGRESS WIDTH (1005.3) ACTUAL OCCUPANT LOAD FOR EACH EXIT DOOR

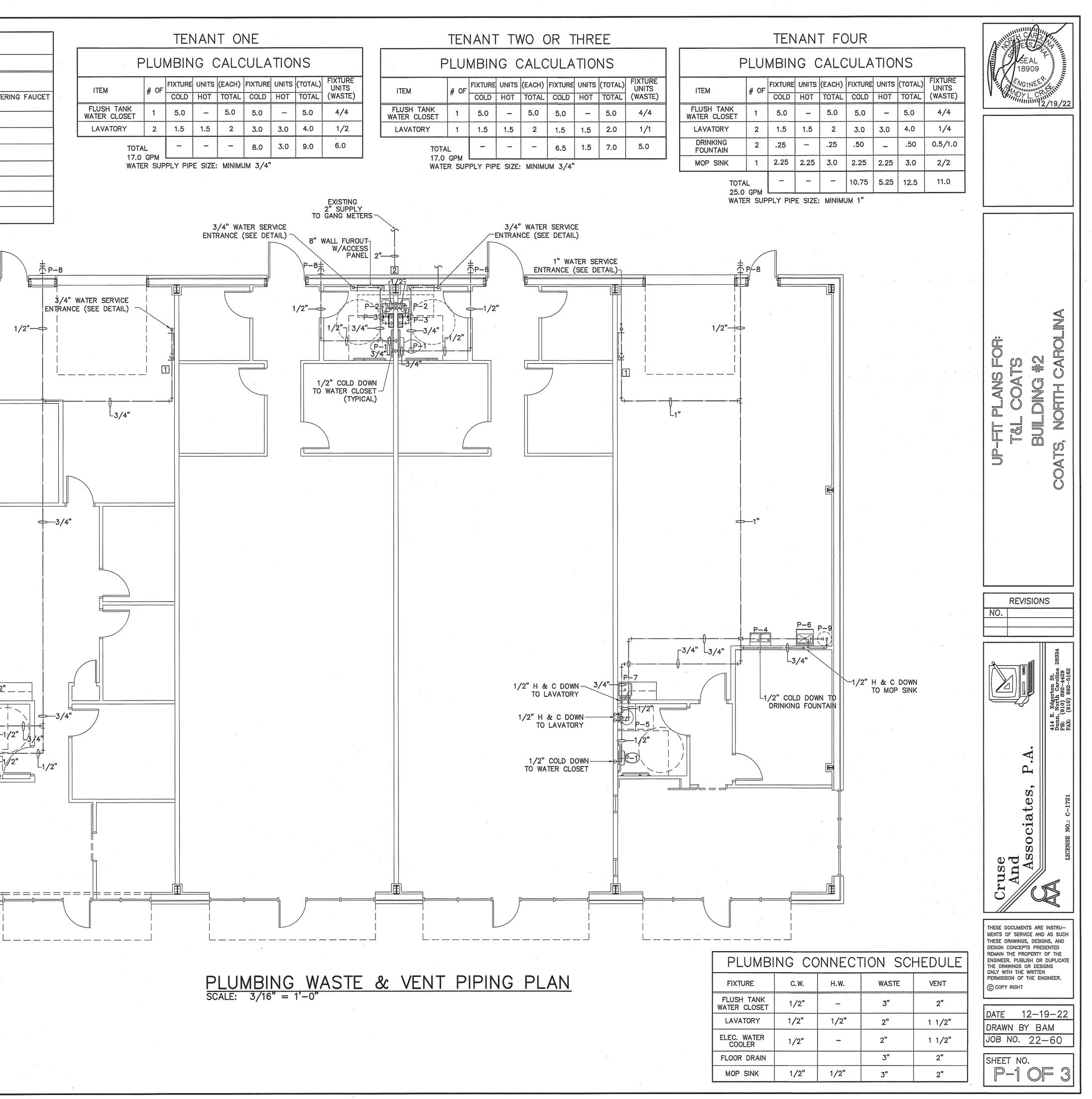
- X A SEPARATE SCHEMATIC PLAN INDICATING WHERE FIRE RATED FLOOR/CEILING AND/OR ROOF STRUCTURE IS PROVIDED
- ☑ LOCATION OF DOORS WITH PANIC HARDWARE (1008.1.10) SEE NOTE 6
- 🖾 LOCATION OF DOORS WITH DELAYED EGRESS LOCKS AND AND THE AMOUNT OF DELAY (1008.1.9.7) SEE NOTE 7
- ☑ LOCATION OF DOORS WITH ELECTROMAGNETIC EGRESS LOCKS (1008.1.9.8) SEE NOTE 7
- ☑ LOCATION OF DOORS EQUIPPED WITH HOLD-OPEN DEVICES SEE NOTE 7
- ☑ LOCATION OF EMERGENCY ESCAPE WINDOWS (1029) SEE NOTE 7
- INOTE ANY CODE EXCEPTIONS OR TABLE NOTES THAT MAY HAVE BEEN UTILIZED REGARDING THE ITEMS ABOVE

- NO DELAYED EGRESS LOCKS, ELECTROMAGNETIC LOCKS, HOLD OPEN DEVICES, OR EMERGENCY ESCAPE WINDOWS
- 8. FIRE AREAS DO NOT EXCEED CODE ALLOWANCE 9. BUILDING MEETS CODE REQUIREMENTS WITHOUT SUBDIVISION INTO SMOKE COMPARTMENTS; NO SMOKE COMPARTMENTS

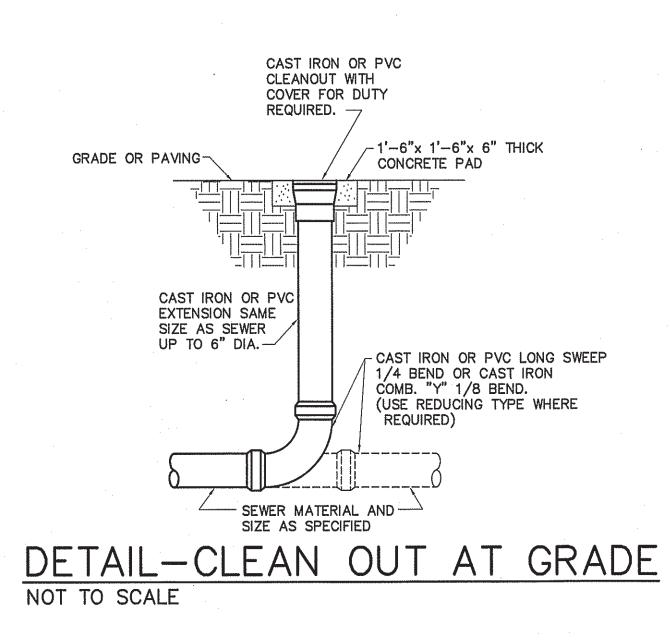
<u>/7\</u> \square STORAGE STORAGE UNISEX RESTROOM UNISEX RESTROOM OFFICE 2 OFFICE 1 OFFICE 1 OFFICE 2 AXIMUM COMMON MAXIMUM COMMO PATH OF TRAVEL PATH OF TRAVEL =18'-7" ___] =18'-7" WAREHOUSE TENANT 4 TENANT 3 TENANT 2 OPEN FLOOR AREA OPEN FLOOR AREA UNISEX RESTROOM MAXIMUM COMMO LOBBY PATH OF TRAVEL =17'-9" <u>_</u>6 LIFE SAFETY PLAN SCALE: 3/16" = 1'-0" _____



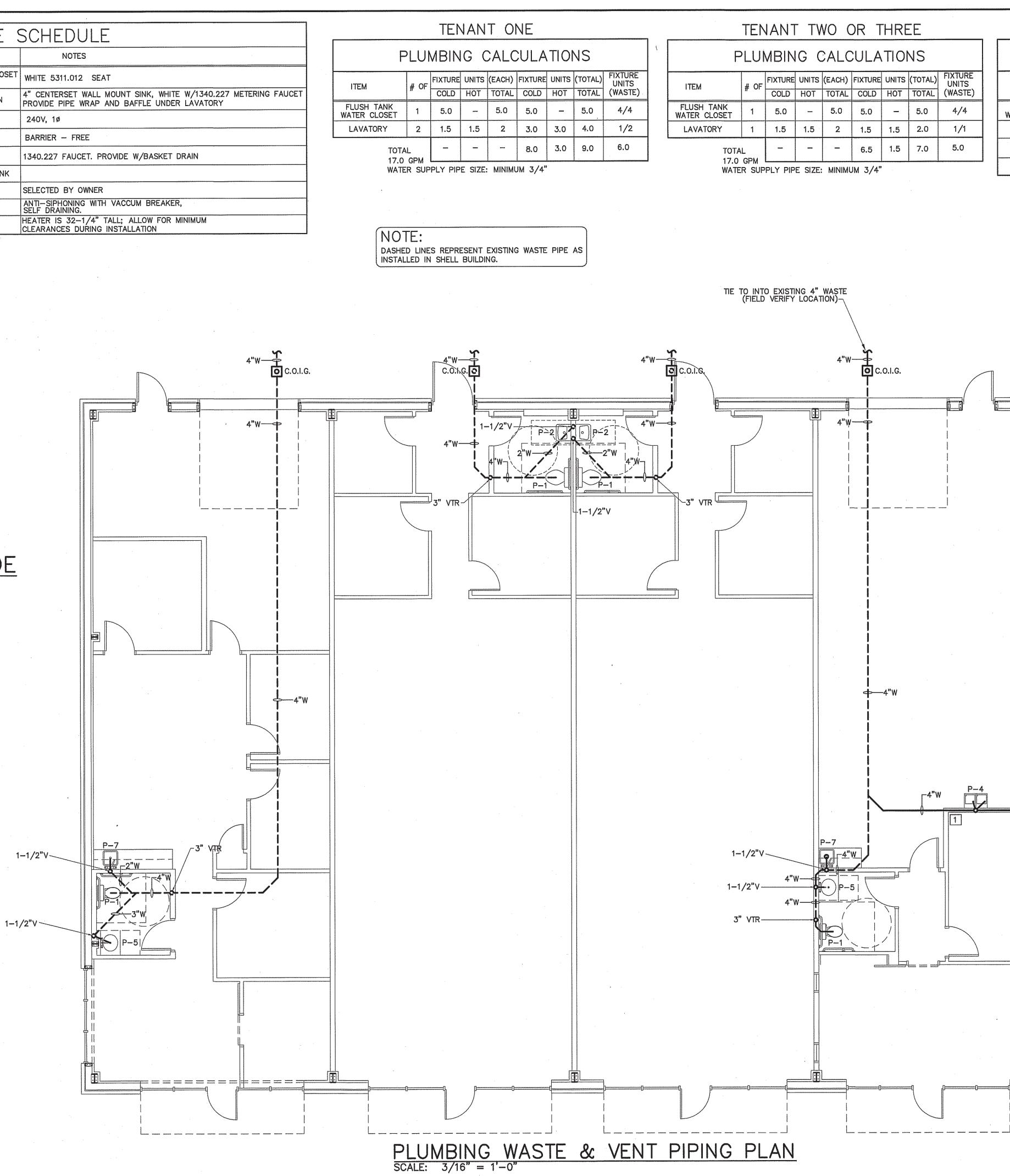
ARK	MAKE	MODEL	DESCRIPTION		NOTES	ì	
·1	AMERICAN STANDARD	CADET 2377.100	EL 1.6/PA 16.5"HC ELON HC ACCESSIBLE, TANK T	GATED WATER CLOSE	T WHITE 5311.012	SEAT	
-2	AMERICAN	REGALYN 4869.004		-TYPE, CAST IRON	4" CENTERSET W	VALL MOUNT SINK, WHITE RAP AND BAFFLE UNDER	W/1340.227 M
-3	BOSCH	US7-2 PRO	7.2 KW POINT OF USE W	ATER HEATER	240V, 1ø		
-4	OASIS	PG8ACSL	SPLIT LEVEL ELECTRIC W	ATER COOLER	BARRIER - FRE	E	
9-5	AMERICAN STANDARD	AQUALYN 0476.028	SELF RIMMING DROP IN S	SINK	1340.227 FAUCE	T. PROVIDE W/BASKET D	RAIN
9-6 9-7		SERV-A-SINK L-1 SL-1921-A-GR	23" SINGLE BASIN FREE	STANDING MOP SINK	SELECTED BY OV		
2-8	JUST WOODFORD	MOD-65	HOSE BIB FREEZE PROOF			WITH VACCUM BREAKER,	
°-9	STATE	PCE 50 20LSA	50 GAL 4.5 KW WATER H	IEATER	HEATER IS 32-1	/4" TALL; ALLOW FOR MI RING INSTALLATION	NIMUM
/ERIFY	ALL FIXTURES	WITH OWNER BEFORE F	PURCHASE OR INSTALLATION	l			
				•	KEYNOTE 1] install supply 2] gang water me	PIPE TIGHT TO WALL.	
SEE S PLA	SUPPLY PIPING AN FOR SIZING		NION (TYP)	ESSURE REDUCING VA			
		FUNNEL DI WITH AIR (RAIN		EEL PIPE SLEEVE.		
	DETA	ROUTE TO ON EXTERI	SPLASH BLOCK OR OF BUILDING	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG		
· · ·	AS F	AIL-WAT REQUIRES SCALE	SPLASH BLOCK OR OF BUILDING ER SERVI(SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG		
	AS F NOT TO PL	AIL — WAT REQUIRES SCALE	SPLASH BLOCK OR OF BUILDING EGEND	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG		
	AS F NOT TO PL	AIL — WAT REQUIRES SCALE	SPLASH BLOCK OR OF BUILDING ER SERVIC	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG		
со	AS F NOT TO PL ESCRIPTION	AIL — WAT REQUIRES SCALE	SPLASH BLOCK OR OF BUILDING ER SERVIC SOL	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY	
СО	AS F NOT TO PL ESCRIPTION OLD WATER	AIL — WAT REQUIRES SCALE	SPLASH BLOCK OR OF BUILDING ER SERVIC SOL	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1∕2" H & C DOWN∽	P-7
но	AS F NOT TO PL ESCRIPTION OLD WATER OT WATER	AIL WAT REQUIRES SCALE UMBING L SYME	SPLASH BLOCK OR OF BUILDING ER SERVIC D EGEND BOL C H	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1∕2" H & C DOWN∽	P-7
CO HO CC RE	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA	AIL WAT REQUIRES SCALE UMBING L SYME	SPLASH BLOCK OR OF BUILDING ER SERVIC D EGEND BOL C H	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1∕2" H & C DOWN∽	P-7
CO HO CC RE VE	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WATER	AIL WAT REQUIRES SCALE UMBING L SYME	SPLASH BLOCK OR OF BUILDING ER SERVIC D EGEND BOL C H L L L L	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN-	P-7
CO HO CC RE VE	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WATER INT PIPING	AIL — WAT AIL — WAT AEQUIREI SCALE UMBING L N SYME TERED) ATER	SPLASH BLOCK OR OF BUILDING ERSERVIC EGEND BOL COMMENT BOL COMMENT COM	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN-	P-7
CO HO CC RE VE WA CL	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WATER INT PIPING ASTE PIPING EAN OUT IN GR	AIL — WAT AIL — WAT AEQUIREI SCALE UMBING L N SYME TERED) ATER NEW RADE O	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL EXISTING	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GR OOR CLEAN OU	AIL — WAT AIL — WAT AEQUIREI SCALE UMBING L SYME TERED) ATER NEW RADE O F	SPLASH BLOCK OR OF BUILDING ERSERVIC EGEND BOL COMMENT BOL COMMENT COM	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CC RE VE WA CL FL4	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WATER INT PIPING ASTE PIPING EAN OUT IN GR	AIL — WAT AIL — WAT AUMBING L SCALE UMBING L SYME TERED) ATER NEW RADE CO T O F E BIBB HOH NEW	SPLASH BLOCK OR OF BUILDING ER SERVIC D BOL BOL C C C C C C C C C C C C C C C C C C C	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CC RE VE WA CL FL NO	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER (FIL CORCULATED WA INT PIPING ASTE PIPING EAN OUT IN GR OOR CLEAN OU DN FREEZE HOS OOR DRAIN	AIL — WAT AIL — WAT AUMBING L SCALE UMBING L SYME SYME NEW RADE NEW RADE C T C D C C C C C C C C C C C C C	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CC RE VE WA CL FL CL	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF OOR CLEAN OU DN FREEZE HOS OOR DRAIN HECK VALVE	AIL — WAT AIL — WAT AEQUIRE SCALE UMBING L SYME SYME NEW ATER NEW ATER NEW ADE O F E BIBB HH N O	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CC RE VE WA CL FL CL FL CH BA	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE	AIL — WAT AIL — WAT AEQUIRE SCALE UMBING L SYME SYME NEW RADE NEW RADE NEW RADE NEW NEW NEW NEW	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL FL CH BA GA	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE	AIL — WAT AIL — WAT AUMBING L SCALE UMBING L SYME TERED) ATER NEW RADE C T C C T C C C C C C C C C C C C C	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL FL CH FL CH BA GA SH	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF OOR CLEAN OU ON FREEZE HOS OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE	ROUTE TO ON EXTERN AIL — WAT REQUIREN SCALE UMBING L N SYME NEW RADE O NEW RADE O T O F E BIBB	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL FL CH BA GA SH DO	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GR OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE ALL VALVE	AIL WAT AIL WAT AUMBING L SCALE UMBING L N SYME TERED) ATER	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL FL CH FL CH BA GA GA GA	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE ALL VALVE ALL VALVE	ROUTE TO ON EXTERN AIL - WAT REQUIRED SCALE UMBING L N SYME SYME NEW RADE O T O F E BIBB - H NEW RADE O T O F E BIBB - H NEW	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CC RE VE WA CL FL CH BA GA GA GA SH DC FIX	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GR OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE ALL VALVE	ROUTE TO ON EXTERN AIL - WAT REQUIRED SCALE UMBING L N SYME NEW RADE O NEW RADE O T O F E BIBB - +>+ N O T O F E BIBB - +>+ N O	SPLASH BLOCK OR OF BUILDING ERSERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
CO HO CO RE VE WA CL FL CH BA GA GA GA SH DO FL CH BA	AS F NOT TO PL ESCRIPTION OLD WATER OLD WATER OLD WATER OLD WATER (FIL ECIRCULATED WA INT PIPING ASTE PIPING EAN OUT IN GF COR CLEAN OU ON FREEZE HOS OOR CLEAN OU ON FREEZE HOS OOR DRAIN HECK VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE ALL VALVE	ROUTE TO ON EXTERN AIL - WAT REQUIRED SCALE UMBING L N SYME NEW RADE O NEW RADE O T O F E BIBB - +>++ N O F E BIBB - +>++ N O F E BIBB - +>++ N	SPLASH BLOCK OR OF BUILDING ER SERVIC SOL BOL COL COL EXISTING CO.I.G. IFHB	SEAL PIPE WATER AND SEE SUPPLY P PLAN FOR SIZI	D INSECT PROOF IPING NG	1/2" H & C DOWN TO LAVATORY 1/2" COLD DOWN- TO WATER CLOSET 1/2" H & C DOWN-	P-7
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			PLUMBING FIXTURE S	SCHEDULE
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
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P-3	BOSCH	US7-2 PRO	7.2 KW POINT OF USE WATER HEATER	240V, 1ø
P-4	OASIS	PG8ACSL	SPLIT LEVEL ELECTRIC WATER COOLER	BARRIER – FREE
P-5	AMERICAN STANDARD	AQUALYN 0476.028	SELF RIMMING DROP IN SINK	1340.227 FAUCET. PROVIDE W/BASKET DRAIN
P-6	FIAT	SERV-A-SINK L-1	23" SINGLE BASIN FREE STANDING MOP SINK	
P-7	JUST	SL-1921-A-GR	1 COMPARTMENT SINK	SELECTED BY OWNER
P-8	WOODFORD	MOD-65	HOSE BIB FREEZE PROOF	ANTI-SIPHONING WITH VACCUM BREAKER, SELF DRAINING.
P-9	STATE	PCE 50 20LSA	50 GAL 4.5 KW WATER HEATER	HEATER IS 32-1/4" TALL; ALLOW FOR MINIMUM CLEARANCES DURING INSTALLATION



PLUMB	SING	LEG	END	
DESCRIPTION	SY	'MBOL		
COLD WATER		······································	·	CW
HOT WATER	······································			— нw
COLD WATER (FILTERED) -	4 eutoren	······································	ĮL.,	
	•·····			HWF
VENT PIPING				v
WASTE PIPING	NEW		<u> </u>	w
CLEAN OUT IN GRADE	0	C.O.I.G.		
FLOOR CLEAN OUT	0	F.C.O.		
NON FREEZE HOSE BIBB	+>++	NFHB		
FLOOR DRAIN	0	F.D.		
CHECK VALVE	-			
BALL VALVE				
GATE VALVE	\bowtie			
SHUT-OFF VALVE				
DOUBLE CHECK VALVE	-777-		<u> </u>	*********
FIXTURE DESIGNATION	P	-		
MOUNTING HEIGHT	МН		·	
POINT OF CONNECTION NEW TO EXISTING	Θ	·····		- digini
FLOOR SINK	4			
SHOCK ABSORBER W/BALL VALVE SHUT-OFF 5-	_ф-2000	SIZE PER RECOMMEN	MANUF. DATIONS	
CHANGE IN PIPE SIZE	\longrightarrow			



R	E	E
1.7		L

OT	TOTAL	UNITS (WASTE)
-	5.0	4/4
.5	2.0	1/1
.5	7.0	5.0

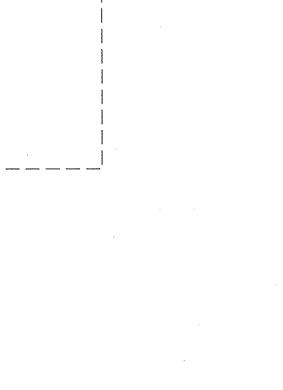
TENANT FOUR

PLUMBING CALCULATIONS

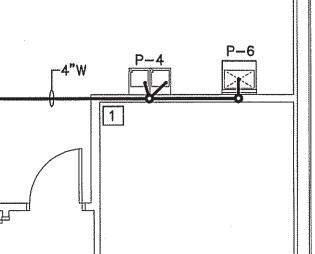
ITEM	# OF	FIXTURE	UNITS	(EACH)	FIXTURE	UNITS	(TOTAL)	FIXTURE UNITS
8 F 640 3 ¥ 1	π Ο.	COLD	НОТ	TOTAL	COLD	HOT	TOTAL	(WASTE)
FLUSH TANK WATER CLOSET	1	5.0	-	5.0	5.0		5.0	4/4
LAVATORY	2	1.5	1.5	2	3.0	3.0	4.0	1/4
DRINKING FOUNTAIN	2	.25	 ·	.25	• . 50		.50	0.5/1.0
MOP SINK	1	2.25	2.25	3.0	2.25	2.25	3.0	2/2
TOTAL					10.75	5.25	12.5	11.0

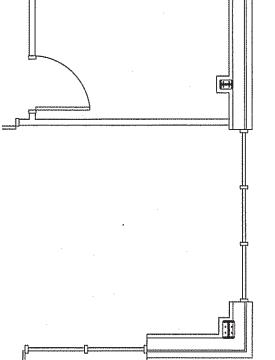
25.0 GPM WATER SUPPLY PIPE SIZE: MINIMUM 1"

				•				
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"				









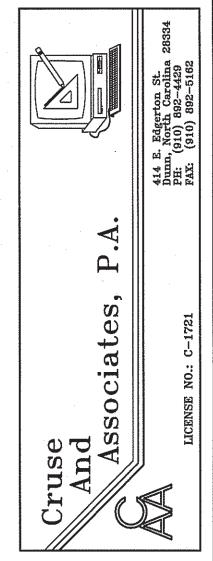


1 CUT AND PATCH CONCRETE AS REQUIRED FOR NEW SECTION OF 4" WASTE PIPE.

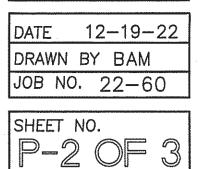


2/19/22

REVISIONS NO.

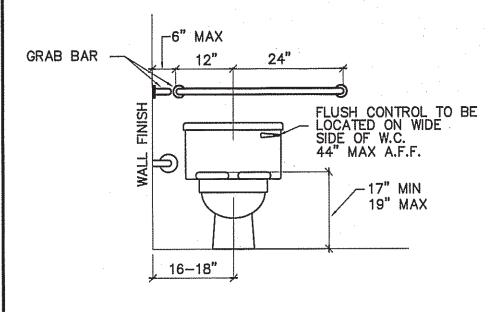


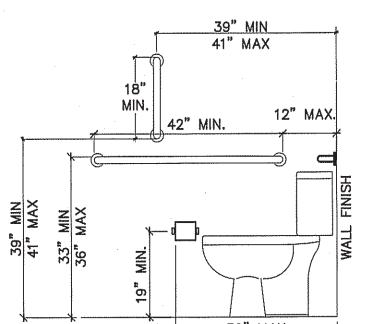
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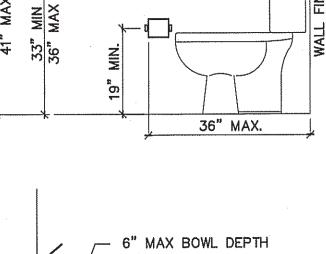


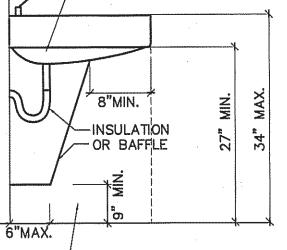
			PLUMBING FIXTURE	SCHEDULE
MARK	MAKE	MODEL	DESCRIPTION	NOTES
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P-7	JUST	SL-1921-A-GR	1 COMPARTMENT SINK	SELECTED BY OWNER
P-8	WOODFORD	MOD-65	HOSE BIB FREEZE PROOF	ANTI-SIPHONING WITH VACCUM BREAKER, SELF DRAINING.
P-9	STATE	PCE 50 20LSA	50 GAL 4.5 KW WATER HEATER	HEATER IS 32-1/4" TALL; ALLOW FOR MINIMUM CLEARANCES DURING INSTALLATION

* VERIFY ALL FIXTURES WITH OWNER BEFORE PURCHASE OR INSTALLATION



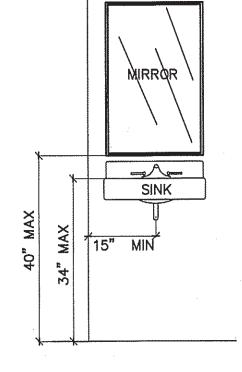


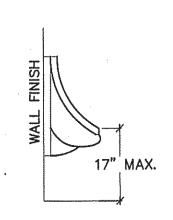


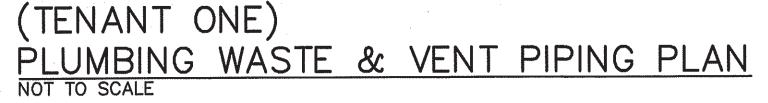


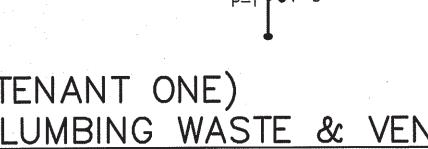


RESTROOM ACCESSIBILITY DETAILS SCALE: 1/2" = 1'-0"





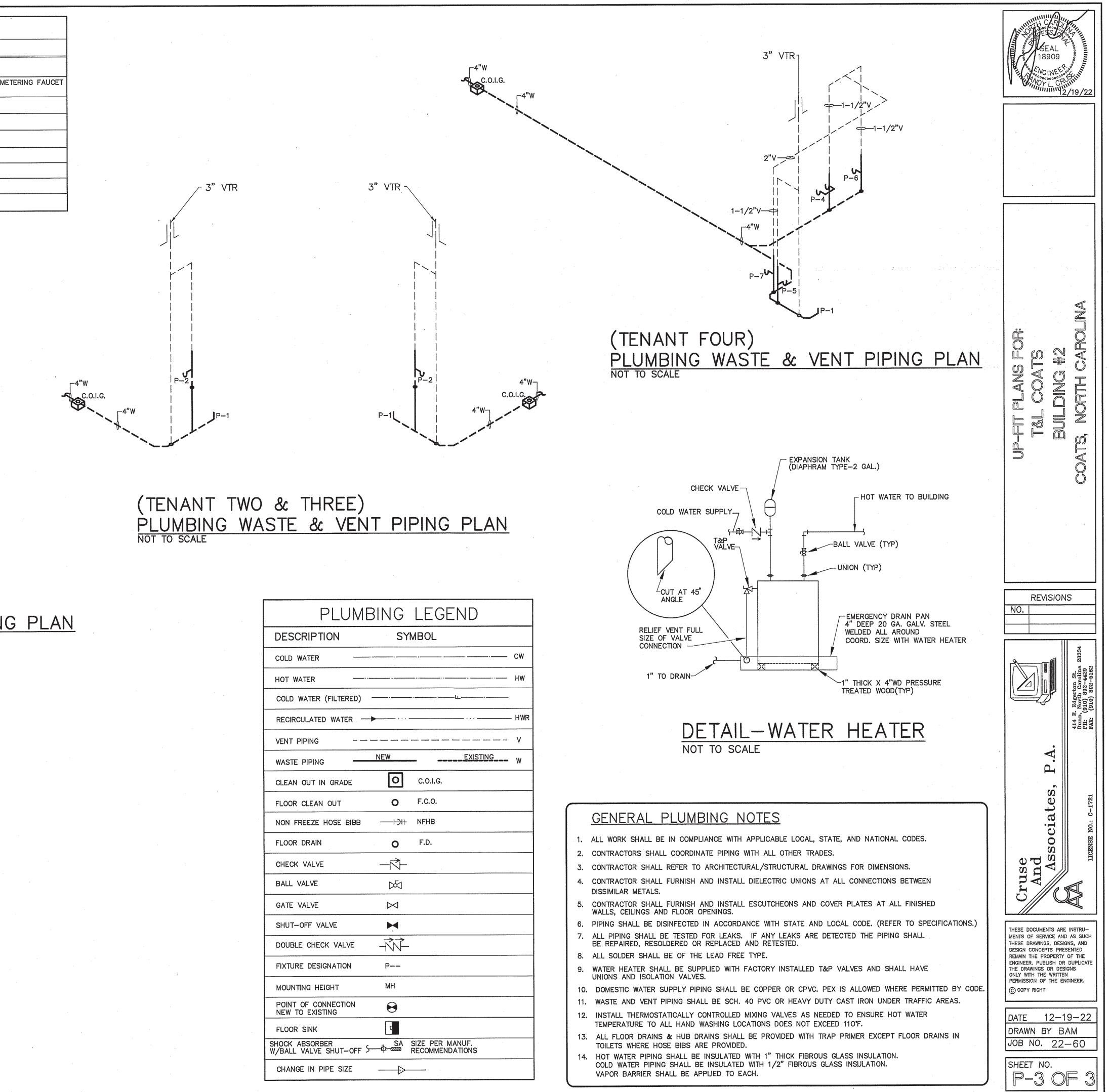




1-1/2"V-9

1−1/2"V—ф

P-7



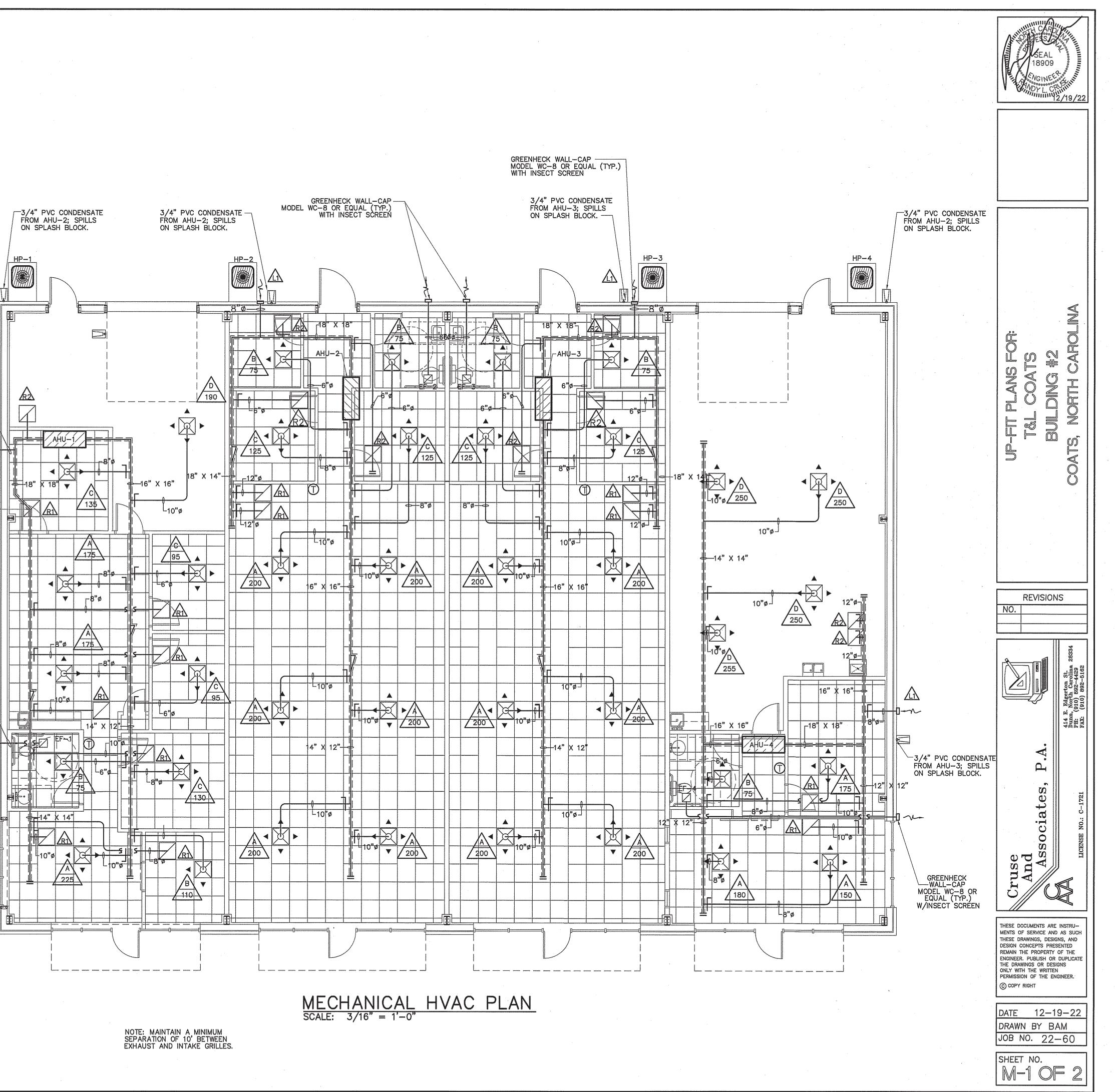
• • • • • • • • • • • • • • • • • • •		LEGEND	
DESCRIPTION	SY	MBOL	
COLD WATER	> 		CW
HOT WATER			HW
COLD WATER (FILTERED)			······
RECIRCULATED WATER	•••••		HW
VENT PIPING			V
WASTE PIPING	NEW	EXISTIN	<u>G</u> W
CLEAN OUT IN GRADE	0	C.O.I.G.	
FLOOR CLEAN OUT	0	F.C.O.	
NON FREEZE HOSE BIBB	+>++	NFHB	
FLOOR DRAIN	• •	F.D.	
CHECK VALVE			
BALL VALVE			
GATE VALVE	\bowtie		www.ausiliut.ut.ut.ut.
SHUT-OFF VALVE	Ņ	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
DOUBLE CHECK VALVE	-	,	
FIXTURE DESIGNATION	P		
MOUNTING HEIGHT	MH	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
POINT OF CONNECTION NEW TO EXISTING	Θ		
FLOOR SINK	Ċ		
SHOCK ABSORBER N/BALL VALVE SHUT-OFF 5	\$A ₫	SIZE PER MANUF. RECOMMENDATIONS	

	<u>GE</u>
1.	ALL \
2.	CONT
3.	CONT
4.	CONT DISSI
5.	CONT WALL
6.	PIPIN
7.	ALL BE R
8.	ALL
9.	WATE UNIO
10.	DOM
11.	WAS
12.	INST TEMI
13.	ALL TOIL
14.	HOT

•		1
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	
	DUCT SMOKE DETECTOR	
II A.D	ACCESS DOOR DOOR SIZE DUCT HEIGHT ACCESS DOOR	
	ITROL DAMPER (TYP) CEILING DIFFUSER BLE DUCTWORK (14' MAX.)	
	ONE SIDED REDUCING TRANSITION	
F.D.(1-1/2)	F.D.=FIRE DAMPER $(1-1/2)$ HRS.	
	RETURN AIR OR EXHAUST GRILLE	8"ø
(1-WAY) (2-WAY) (3-WAY) (4-WAY)	- SUPPLY AIR CEILING DIFFUSER, ARROW INDICATES DIRECTION OF BLOW & ACTIVE DIFFUSER SIDES	
(1)CUS CUSHION CUSHION CUSHION	HION HEAD @ BRANCH (2)CUSHION HEAD IS EQUAL TO 1-1/2 DIFFUSER RUNOUT WIDTH OF THE BRANCH DUCT OR DIFFUSER RUNOUT	8"¢ DOWN -
	R.A. OR EXHAUST DUCT TURNS DOWN @ 90 DEGS.	8"ø DOWN RETURN GRII
	MANUAL VOLUME CONTROL DAMPER W/ QUADRANT LOCKING DEVICE	
	TWO SIDED TRANSITION	
	ELECT. DUCT INSERT HEATER WITH CONTROL PANEL	
	AHU W/FLEXIBLE CONNECTION AT SUPPLY AND RETURN DUCT	
-	KEY NOTE	6"ø
XXX - MARK CFM-DIFFUSER, REGISTER OR GF	RILLE (SEE SCHEDULE)	
() <u>=</u>	EXHAUST FAN	
	GREENHECK V	

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. \rightarrow ALL STARTERS, COMBINATION STARTER/DISCONNECTS, AND DISCONNECTING MEANS, SUPPLIED BY E.C. FOR MECHANICAL EQUIPMENT AS REQUIRED BY NEC AND MECHANICAL EQUIPMENT MANUFACTURER'S REQUIREMENTS.

MODEL WC-8 OR EQUAL (TYP.) WITH INSECT SCREEN

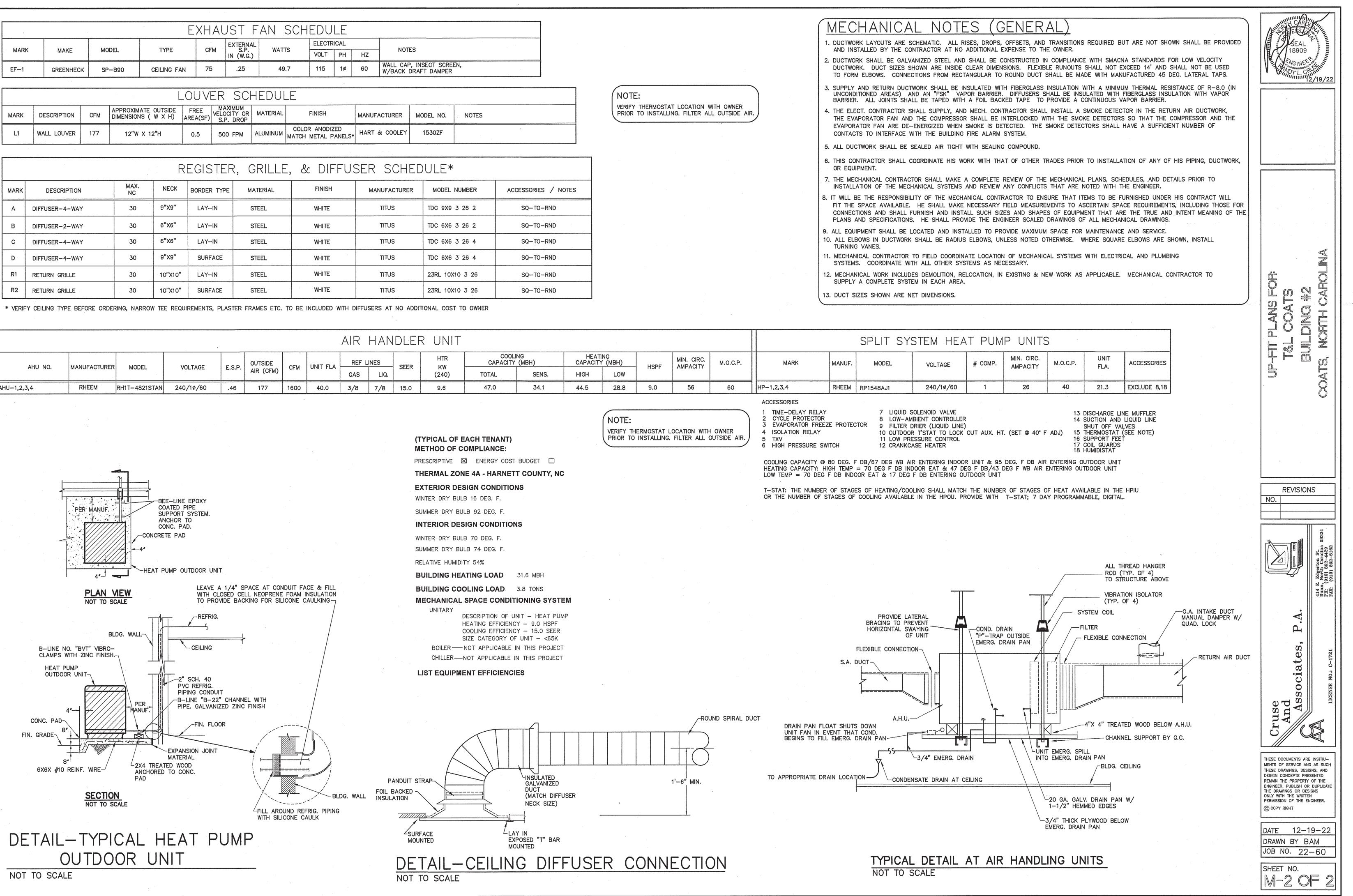


EXHAUST FAN SCHEDULE											
		MAKE MODEL	TYPE	0514	EXTERNAL	MATTO	ELECTRICAL			NOTES	
MARK	MAKE			CFM	S.P. IN (W.G.)	WATTS	VOLT	PH	HZ	NOTES	
EF—1	GREENHECK	SP-B90	CEILING FAN	75	.25	49.7	115	1ø	60	WALL CAP, INSECT S W/BACK DRAFT DAM	

LOUVER SCHEDULE										
MARK	DESCRIPTION	CFM	APPROXIMATE OUTSIDE DIMENSIONS (W X H)	FREE AREA(SF)	MAXIMUM VELOCITY OR S.P. DROP	MATERIAL	FINISH	MANUFACTURER	MODEL NO.	
L1	WALL LOUVER	177	12"W X 12"H	0.5	500 FPM	ALUMINUM	COLOR ANODIZED MATCH METAL PANELS*	HART & COOLEY	1530ZF	

	REGISTER, GRILLE, & DIFFUSER SCHEDULE											
MARK	DESCRIPTION	MAX. NC	NECK	BORDER TYPE	MATERIAL	FINISH	MANUFACTURER	MOD				
Α	DIFFUSER-4-WAY	30	9"X9"	LAY-IN	STEEL	WHITE	TITUS	TDC 9				
В	DIFFUSER-2-WAY	30	6"X6"	LAY-IN	STEEL	WHITE	TITUS	TDC 6				
С	DIFFUSER-4-WAY	30	6"X6"	LAY-IN	STEEL	WHITE	TITUS	TDC 6				
D	DIFFUSER-4-WAY	30	9"X9"	SURFACE	STEEL	WHITE	TITUS	TDC 6				
R1	RETURN GRILLE	30	10"X10"	LAY-IN	STEEL	WHITE	TITUS	23RL				
R2	RETURN GRILLE	30	10"X10"	SURFACE	STEEL	WHITE	TITUS	23RL				

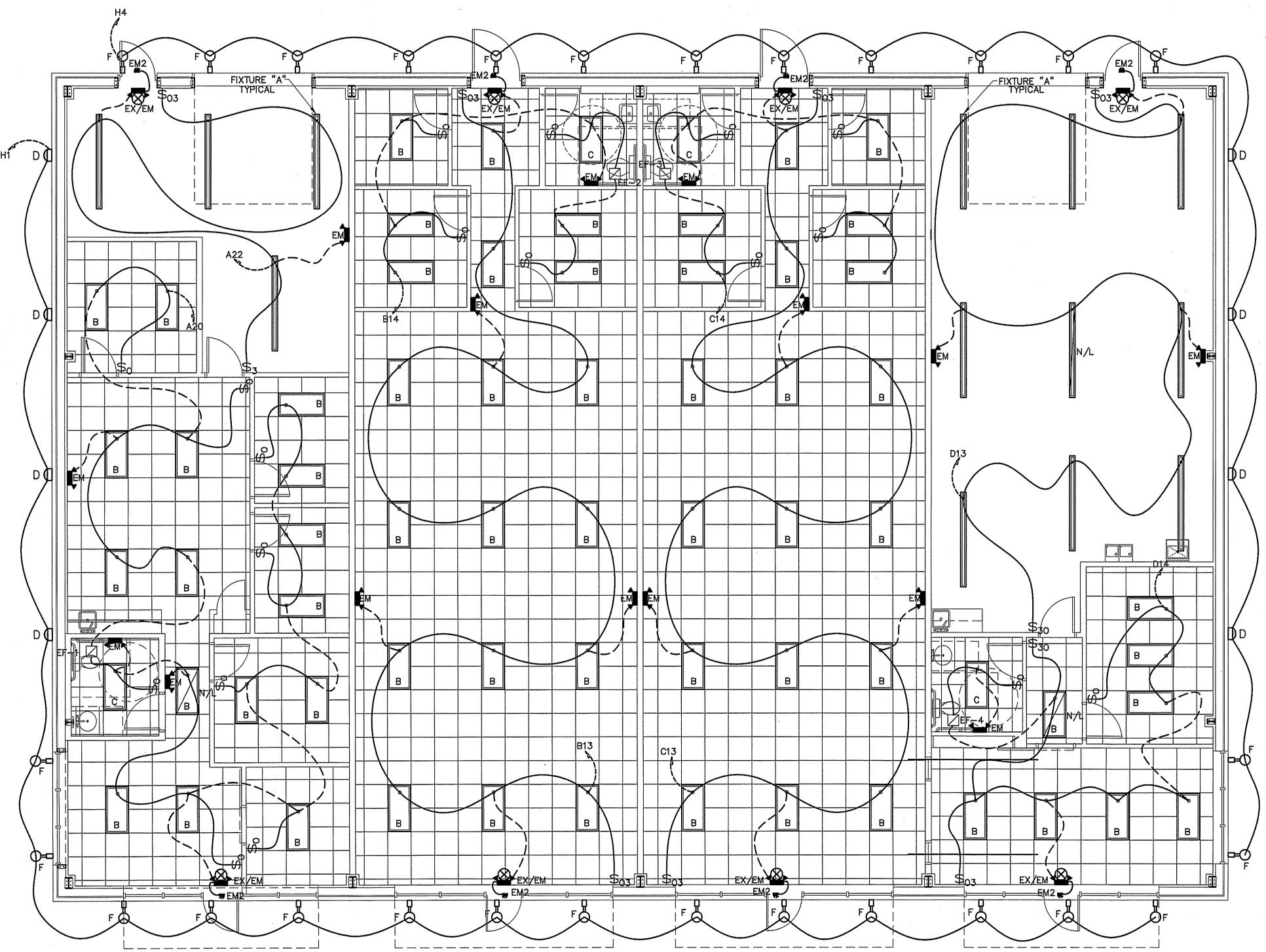
								AIR	HAN	IDLEF	r ui
AHU NO.	MANUFACTURER	MODEL	VOLTAGE	E.S.P.	OUTSIDE	CFM	UNIT FLA	REF LI	LINES	NES	
And No.			VOLTAGE	E.J.F.	AIR (CFM)		UNIT TEA	GAS	LIQ.		KW (240
AHU-1,2,3,4	RHEEM	RH1T-4821STAN	240/1ø/60	.46	177	1600	40.0	3/8	7/8	15.0	9.6



	LIGHT FIXTURE SCHEDULE										
MARK	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	BALLASTS	WATTAGE	REMARKS				
A	8' LED STRIPLIGHT	LITHONIA	TZ1D L96 14000LM FST MVOLT 40K 80CRI WH	LED		121	INCLUDE HC36 HANGER CHAIN				
В	2X4 LED FLAT PANEL LAY-IN	LITHONIA	CPANL 2X4 40/50/60LM 35K-40LM	LED		42.0	INCLUDE WSX D DIMMING OCCUPANCY WALL SWITCH				
С	2X4 LED FLAT PANEL LAY-IN	LITHONIA	CPANL 2X4 40/50/60LM 35K-40LM	LED		32.0	INCLUDE WSX D DIMMING OCCUPANCY WALL SWITCH				
D	LED WALLPACK			LED		28	SELECTED BY OWNER				
F	GOOSENECK EXTERIOR LIGHT			LED		52	SELECTED BY OWNER				
EM	EMERGENCY LIGHT WITH BATTERY BACKUP	MCPHILBEN	CAXR6L24W6								
EX	LED TYPE EXIT LIGHT WITH BATTERY BACKUP	MCPHILBEN	CXXL3RW								
EM2	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)	MCPHILBEN	CR2CSWA								
* ALL FIX	TURE SELECTIONS TO BE VERIFIE	D BY OWNER BE	FORE PURCHASE. *								

** SIGN LETTERING TO BE ON TIMECLOCK OR PHOTOCELL

ELECTRICAL LEGEND								
MARK	DESCRIPTION							
#	QUAD RECEPTACLE							
ф	DUPLEX RECEPTACLE							
T	TIMER WITH NO HOLD MECHANISM							
Ф	CEILING MOUNTED DUPLEX RECEPTACLE							
	FLUORESCENT FIXTURE							
~	SWITCHED BRANCH CIRCUIT							
~~	UNSWITCHED BRANCH CIRCUIT							
r F	120/208 VOLT CIRCUIT							
\$ _M	MOTION DETECTING SINGLE-POLE SWITCH ON TIMER							
8	'EXIT' LIGHT FIXTURE, TYPE 'EX'							
L,	BATTERY OPERATED EMERG. LT. (2-HEAD, WALL MTD.)							
\$3(4)	MOTION DETECTING 3-WAY SWITCH (4-WAY SWITCH) WITH TIMER							
	FUSED DISCONNECT SWITCH							
E.D	CEILING MOUNTED FUSED DISCONNECT SWITCH							
4	TELEPHONE							
J	JUNCTION BOX							
\$	SINGLE POLE SWITCH OR TIMER AS APPLICABLE							
N/L	UNSWITCHED FIXTURE							
\$0	OCCUPANCY SENSING SINGLE-POLE SWITCH NOT ON TIMER							
₿	DUPLEX RECEPTACLE							
L	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)							



LIGHTING DATA FOR N.C. ENERGY CODE (TENANT 1) TOTAL WATTS ALLOWED TOTAL WATTS USED TOTAL WATTS LEFT OVER AREA FT² WATTS PER FT² ALLOWED AREA USE 116 WAREHOUSE 500 1.2 600 484

1,625

2,225

704

1,188

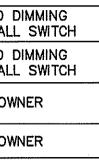
921

1,037

1.3

LIGHTING DATA FOR N.C. ENERGY CODE (TENANT 2 & 3)										
AREA USE	AREA FT ²	WATTS PER FT ² ALLOWED	TOTAL WATTS ALLOWED	TOTAL WATTS USED	TOTAL WATTS LEFT OVER					
OFFICE (TENANT 2)	1,750	1.3	2,275	830	1,445					
OFFICE (TENANT 3)	1,750	1.3	2,275	830	1,445					
TOTAL	3,500		2,275	1,660	2,890					

LIGHTING DATA FOR N.C. ENERGY CODE (TENANT 4)											
AREA USE AREA FT ² WATTS PER TOTAL WATTS TOTAL WATTS USED TOTAL WATTS LEFT OVER											
WAREHOUSE	1,200	1.2	1,440	1,089	351						
OFFICE	550	1.3	715	326	389						
TOTAL	1,750		2,155	1,415	740						



OFFICE

TOTAL

1,250

1,750

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

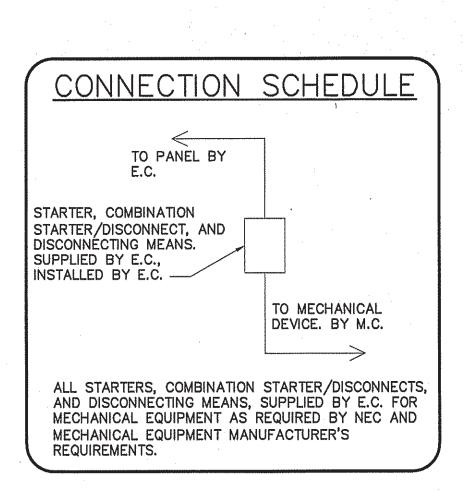
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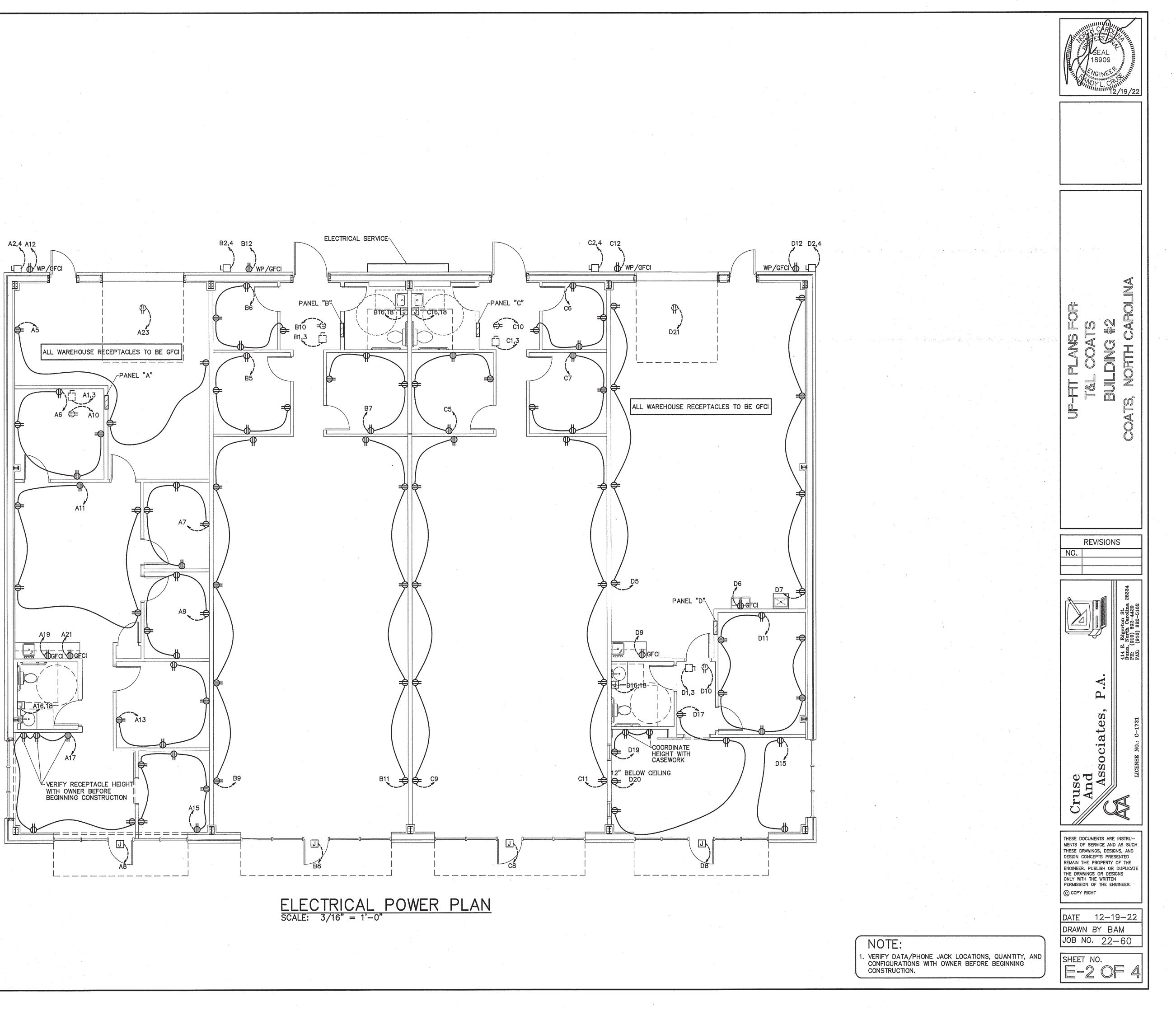
Ö ANS FC T&L C **N** COATS REVISIONS NO. 414 E. Edgerton St. Dunn, North Carolin PH: (910) 892-4429 FAX: (910) 892-516 A. Д Cruse And Associates,

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DATE 12-19-22 DRAWN BY BAM JOB NO. 22-60 sheet no. E−1 OF ∉

FIF	CTRICAL LEGEND				
MARK	DESCRIPTION				
	QUAD RECEPTACLE				
φ	DUPLEX RECEPTACLE				
Ī	TIMER WITH NO HOLD MECHANISM				
Φ	CEILING MOUNTED DUPLEX RECEPTACLE				
	FLUORESCENT FIXTURE				
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	SWITCHED BRANCH CIRCUIT				
~~~	UNSWITCHED BRANCH CIRCUIT				
r A	120/208 VOLT CIRCUIT				
\$ _M	MOTION DETECTING SINGLE-POLE SWITCH ON TIMER				
⊗	'EXIT' LIGHT FIXTURE, TYPE 'EX'				
Ľ	BATTERY OPERATED EMERG. LT. (2-HEAD, WALL MTD.)				
\$3(4)	MOTION DETECTING 3-WAY SWITCH (4-WAY SWITCH) WITH TIMER				
	FUSED DISCONNECT SWITCH				
î	CEILING MOUNTED FUSED DISCONNECT SWITCH				
⊲	TELEPHONE				
J	JUNCTION BOX				
\$	SINGLE POLE SWITCH OR TIMER AS APPLICABLE				
N/L	UNSWITCHED FIXTURE				
\$0	OCCUPANCY SENSING SINGLE-POLE SWITCH NOT ON TIMER				
•	DUPLEX RECEPTACLE				
	EMERGENCY LIGHT REMOTE WEATHERHEAD(S)				





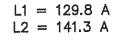
TENANT 2	TENANT 3	
PANEL: B SCHEDULE: MANUFACTURER: SQ. D NO. OF SPACES 4	NOTE:	PANEL: C SCHEDULE: MANUFACTURER: SQ. D NO. OF SPACES 42
VOLTS: 120/240 AMPS: 200 TYPE: NOOD MOUNTING: FLUSH	VERIFY AIC RATING WITH	VOLTS: 120/240 AMPS: 200 TYPE: NOOD MOUNTING: FLUSH
ENCLOSURE: NEMA 1 $\phi: 1$ SHORT CIRCUIT RATING: 22K	UTILITY COMPANY BEFORE ORDERING PANELS.	ENCLOSURE: <u>NEMA 1</u> $\phi: \underline{1}$ SHORT CIRCUIT RATING: <u>22K</u>
		MAIN: 🖾 MILO: 🗆 TOP FEED: 🗋 BOTTOM FEED: 🖾 COPPER BUS: 🖾 GROUND BAR KIT: 🖾 NEUTRAL BAR KIT: 🖾
L1 L2 L3 L3 L3 L4 ASSIGNMENT L1 L2 L5 L4 ASSIGNMENT L1 L2 L5 L5 L4 ASSIGNMENT L3 L5 ASSIGNMENT L4 L5	L1 L2 L1 L2	이 문 ASSIGNMENT 이 문 이 L 1 L L 1
40.0 1 2 60 AIR HANDLING UNIT #2 0 HEAT PUMP UNIT # 2 40 2	2 21.3 40.0	1 2 60 AIR HANDLING UNIT #3 0 HEAT PUMP UNIT # 3 40 2 2 21.3
	4 21.3 40.0	3 0 4 21.3
6.0 5 1 20 OFFICE 1 RECEPTACLES O STORAGE RECEPTACLES 20 1	6 6.0	5 1 20 OFFICE 1 RECEPTACLES O STORAGE ROOM RECEPTACLES 20 1 6 6.0
6.0 7 1 20 OFFICE 2 RECEPTACLES O BUILDING SIGN 20 1	8 5.0 6.0	7 1 20 OFFICE 2 RECEPTACLES 0 BUILDING SIGN 20 1 8 5.0
7.5 9 1 20 OPEN FLOOR AREA RECEPTS. O AHU CONV. RECEPTACLE 20 1	10 1.5 7.5	9 1 20 OPEN FLOOR AREA RECEPTS. O AHU CONV. RECEPTACLE 20 1 10 1.5
7.5 11 1 20 OPEN FLOOR AREA RECEPTS. O HEAT PUMP CONV. RECEPT. 20 1	12 1.5 7.5	11 1 20 OPEN FLOOR AREA RECEPTS. O HEAT PUMP CONV. RECEPT. 20 1 12 1.5
4.9 13 1 20 FRONT AREA LIGHTING O OFFICE AREA LIGHTS 20 1	14 2.4 4.9	13 1 20 FRONT AREA LIGHTING O OFFICE AREA LIGHTS 20 1 14 2.4
X 15 1 20 SPARE O POINT OF USE WATER HEATER 40 2	16 30.0 X	15 1 20 SPARE 0 POINT OF USE WATER HEATER 40 2 16 30.0
X 17 1 20 SPARE 0	18 30.0 X	17 1 20 SPARE 0 18 30.0
X 19 1 20 SPARE 0 SPARE 20 1	20 X X	19 1 20 SPARE 0 SPARE 20 1 20 X
X 21 1 20 SPARE 0 SPARE 20 1	22 X X	21 1 20 SPARE 0 SPARE 20 1 22 X
X 23 1 20 SPARE 0 SPARE 20 1	24 X X	23 1 20 SPARE 0 SPARE 20 1 24 X
X 25 1 20 SPARE 0 SPARE 20 1	26 X X	25 1 20 SPARE 0 SPARE 20 1 26 X
X 27 1 20 SPARE 0 SPARE 20 1	28 X X	27 1 20 SPARE 0 SPARE 20 1 28 X
X 29 1 20 SPARE 0 SPARE 20 1	30 X X	29 1 20 SPARE 0 SPARE 20 1 30 X
X 31 1 20 SPARE 0 SPARE 20 1	32 X X	31 1 20 SPARE o SPARE 20 1 32 X
X 33 1 20 SPARE 0 SPARE 20 1	34 X X	33 1 20 SPARE o SPARE 20 1 34 X
X 35 1 20 SPARE 0 SPARE 20 1	36 X X	35 1 20 SPARE 0 SPARE 20 1 36 X
X 37 1 20 SPARE 0 SPARE 20 1	38 X X	37 1 20 SPARE o SPARE 20 1 38 X
X 39 1 20 SPARE 0 SPARE 20 1	40 X X	39 1 20 SPARE o SPARE 20 1 40 X
X 41 1 20 SPARE 0 SPARE 20 1	42 X X	41 1 20 SPARE 0 SPARE 20 1 42 X
L1 = 119.6 A L2 = 111.3 A		L1 = 119.6 A L2 = 111.3 A

ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE:

	RESCRIPTIVE 🖾 RESCRIPTIVE 🗀	PERFORMANCE
REFER TO DRAWINGS FOR RIS	ER DIAGRAM AND PANEL	SCHEDULES
LIGHTING SCHEDULE		
LAMP TYPE REQUIRED IN FIXT	TURE: SE	E SCHEDULE
NUMBER OF LAMPS IN FIXTUR	RE:	
BALLASTS TYPE USED IN FIX	TURE:	
NUMBER OF BALLASTS IN FIX	(TURE:	
TOTAL WATTAGE PER FIXTURE	E:	
TOTAL INTERIOR WATTAGE SP	PECIFIED VS. ALLOWED:	
TOTAL EXTERIOR WATTAGE SF	PECIFIED VS. ALLOWED:	
ADDITIONAL PRESCRIPT	TIVE COMPLIANCE	
506.2.1 MORE EFFICIENT MEC	HANICAL EQUIPMENT	
506.2.2 REDUCED LIGHTING P	POWER DENSITY	
506.2.3 ENERGY RECOVERY \	VENTILATION SYSTEMS	
506.2.4 HIGHER EFFICENCY S	SERVICE WATER HEATING	
506.2.5 ON-SITE SUPPLY OF		
506.2.6 AUTOMATIC DAYLIGH	TING CONTROL SYSTEMS	L .

TENANT 1	
ELECTRICAL LOAD CALCULATIONS	
1750 SQUARE FEET	VA
NONCONTINUOUS LOADS:	
36 RECEPTACLES @ 180 VA EA. 6480	6480
1ST 10000 REMAINDER @ 50%	0480
TOTAL	6480
CONTINUOUS LOADS: GENERAL LIGHTING LOAD VA/SQ. FT.	
1750 SQ. FT.1.322752275 X 1.25	2844
AIR HANDLING UNIT	9600
HEAT PUMP UNITS	5112
EQUIPMENT:	10176
25% OF LARGEST MOTOR	822
GRAND TOTAL	35034
146 AMPS @ 120/240V, 1ø, 60HZ	

					-		• 4						
		VOL	_TS: CLO	120/	<u>240</u> AMPS: <u>200</u> 7 ∃:_ <u>NEMA 1</u> Ø: <u>1</u>	UF/ TYPI	ACT E: <u>1</u> S	URER: <u>SQ. D</u> NO. OF SP. NGOD MOUNTING: HORT CIRCUIT RATING:22 NG GROUND BAR KIT M NEUTR/	FLU <	ISH_			
L1	L2	CIRCUIT.	POLES	TRIP	ASSIGNMENT		ASE S	ASSIGNMENT	TRIP	POLES	CIRCUIT	L1	L2
40.0	\times	1	2	60	AIR HANDLING UNIT #1	0		HEAT PUMP UNIT # 1	40	2	2	21.3	$\geq \leq$
\times	40.0	3					0				4	\ge	21.3
4.5	\ge	5	1	20	WAREHOUSE RECEPTACLES	0		OFFICE 4 RECEPTACLES	20	1	6	6.0	\geq
\times	6.0	7	1	20	OFFICE 3 RECEPTACLES		0	BUILDING SIGN	20	1	8	\ge	5.0
6.0	\ge	9	1	20	OFFICE 2 RECEPTACLES	0		AHU CONV. RECEPTACLE	20	1	10	1.5	\geq
\times	7.5	11	1	20	BREAKROOM RECEPTACLES		0	HEAT PUMP CONV. RECEPT.	20	1	12	\ge	1.5
6.0	\boxtimes	13	1	20	OFFICE 1 RECEPTACLES	0		SPARE	20	1	14	X	\geq
\ge	7.5	15	1	20	CONFERENCE ROOM RECEPTS.		0	POINT OF USE WATER HEATER	40	2	16	\ge	30.0
7.5	\ge	17	1	20	LOBBY RECEPTACLES	0			<u> </u>		18	30.0	\ge
\ge	3.0	19	1	20	COUNTER RECEPTACLE		0	OFFICE LIGHTING	20	1	20	\geq	6.2
3.0	\ge	21	1	20	COUNTER RECEPTACLE	0		WAREHOUSE LIGHTING	20	1	22	4.0	Ķ
\ge	13.8	23	1	20	GARAGE DOOR OPENER		0	SPARE	20	1	24	\geq	X
Х	\succ	25	1	20	SPARE	0	ļ	SPARE	20	1	26	X	\geq
\ge	X	27	1	20	SPARE	<u> </u>	0	SPARE	20		28	Ķ	X
X	\geq	29	1	20	SPARE	0	-	SPARE	20	+	30	X	ا
\ge	X	31	1	20	SPARE	<u> </u>	0	SPARE	20		32	<u>لې</u>	×
X	\geq	33	1	20	SPARE	0	<u> </u>	SPARE	20	1	34	X	ا ڳ
\ge	X	35	1	20	SPARE		0	SPARE	20		36	\downarrow	X
X	\geq	37	1	20	SPARE	0	<u> </u>	SPARE	20		38	X	₩Ç~
\geq	X	39	1	20	SPARE	<u> </u>	0	SPARE	20		40	ال ج	X
X	\gg	41	1	20	SPARE	0		SPARE	20	1	42	X	\bowtie



TENANT 2 AND 3		TEN
ELECTRICAL LOAD CALCULATIONS		ELECTRICAL LOAD C
1750 SQUARE FEET	<u>VA</u>	1750 SQUARE FEET
NONCONTINUOUS LOADS:	•	NONCONTINUOUS LO
24 RECEPTACLES © 180 VA EA. 4320 1ST 10000 REMAINDER © 50% TOTAL	4320 0 4320	25 RECEPTACLES @ 180 1ST 10000 REMAINDER @ 50% TOTAL
CONTINUOUS LOADS:GENERAL LIGHTING LOADVA/SQ. FT.1750 SQ. FT.1.322752275 X 1.25	2844	CONTINUOUS LOADS GENERAL LIGHTING LOAD 1750 SQ. FT. 2275 X 1.25
AIR HANDLING UNIT	9600	AIR HANDLING UNIT
HEAT PUMP UNITS	5112	HEAT PUMP UNITS
EQUIPMENT:	7800	EQUIPMENT:
25% OF LARGEST MOTOR GRAND TOTAL	822 30498	25% OF LA GRAND TOTAL
127 AMPS @ 120/240V, 1ø, 60HZ		146 AMPS @ 1

TENANT 4	
ELECTRICAL LOAD CALCULATIONS	
1750 SQUARE FEET	<u>VA</u>
NONCONTINUOUS LOADS:	
25 RECEPTACLES @ 180 VA EA. 6120 1ST 10000 REMAINDER @ 50% TOTAL	6120 0 6120
CONTINUOUS LOADS: GENERAL LIGHTING LOAD VA/SQ. FT. 1750 SQ. FT. 1.3 2275	
1750 SQ. FT.1.322752275 X 1.25	2844
AIR HANDLING UNIT	9600
HEAT PUMP UNITS	5112
EQUIPMENT:	10656
25% OF LARGEST MOTOR	822
GRAND TOTAL	35154
146 AMPS @ 120/240V, 1ø, 60HZ	

													х.,
		TENANT 4											
	1	PANEL: D SCHEDULE: MANUFACTURER: SQ. D NO. OF SPACES 42											
		1						NGODMOUNTING:					
					*			HORT CIRCUIT RATING: 22			-		
		ENCLOSURE: NEMA 1 Ø: 1 SHORT CIRCUIT RATING: 22K MAN: MLO: TOP FEED: BOTTOM FEED: COPPER BUS: QROUND BAR KIT: X NEUTRAL BAR KIT: X								·			
				r									
		E	S	<u> </u>		PH/	12F		۵_	ល	CIRCUIT		
L1	L2	CIRCUIT	POLES	TRIP	ASSIGNMENT	L1	2	ASSIGNMENT	TRIP	POLES	RC	L1	L2
		CF	PC										
40.0	\ge	1	2	60	AIR HANDLING UNIT #4	0		HEAT PUMP UNIT #4	40	2	2	21.3	\geq
\ge	40.0	3					0				4	\leq	21.3
6.0	\geq	5	1	20	WAREHOUSE RECEPTACLES			DRINKING FOUNTAIN	20 20	1	6	5.6	\geq
\ge	6.0	7	1	20	WAREHOUSE RECEPTACLES		0	BUILDING SIGN		1	8	\geq	5.0
3.0	\geq	9	1	20	COUNTER RECEPTACLE			AHU CONV. RECEPTACLE		1	10	1.5	\geq
\ge	9.0	11	1	20	OFFICE 2 RECEPTACLES		0	HEAT PUMP CONV. RECEPT.		1	12	\geq	1.5
9.1	\ge	13	1	20	WAREHOUSE LIGHTING	0		OFFICE AREA LIGHTS	20	1	14	3.1	\geq
\boxtimes	3.0	15	1	20	LOBBY 1 RECEPTACLES		0	POINT OF USE WATER HEATER	40	2	16	\ge	30.0
4.5	\ge	17	1	20	LOBBY RECEPTACLES						18	30.0	\geq
\ge	4.5	19	1	20	LOBBY CASEWORK RECEPTS.		0	LOBBY TELEVISION	20	1	20	\ge	5.0
13.8	\succ	21	1	20	OVERHEAD DOOR OPENER			SPARE	20	1	22	X	\geq
\bowtie	Х	23	1	20	SPARE		0	SPARE	20	1	24	\geq	X
Х	\geq	25	1	20	SPARE			SPARE	20	1	26	X	\geq
\boxtimes	X	27	1	20	SPARE		0	SPARE	20	1	28	\ge	X
Х	\geq	29	1	20	SPARE	0	ļ	SPARE	20	1	30	X	\geq
\boxtimes	Х	31	1	20	SPARE		0	SPARE	20	1	32		X
Х	\geq	33	1	20	SPARE	0	<u> </u>	SPARE	20	1	34	X	\mid
\bowtie	X	35	1	20	SPARE		0	SPARE	20	1	36	\geq	X
Х	\geq	37	1	20	SPARE	0		SPARE	20	1	38	X	\mid
\bowtie	X	39	1	20	SPARE	<u> </u>	0	SPARE	20	1	40	\bowtie	X
X	\geq	41	1	20	SPARE	0		SPARE	20	1	42	X	\bowtie
								7.9 A 5.3 A					

UN	
AHU-1,	
HP-1,2	
P.O.U. I	

ELECTRICAL NOTES (GENERAL)

1. THE ELECTRICAL INSTALLATION, EQUIPMENT, MA OF THE NATIONAL ELECTRICAL CODE (NEC), OCCU LOCAL CODES, LAWS, AND ORDINANCES, AND RU ASSOCIATED WITH THE ELECTRICAL WORK SHALL

2. THE DRAWINGS GENERALLY INDICATE THE WOR MAY BE REQUIRED FOR A COMPLETE INSTALLATION ACCEPTED PRACTICES SHALL BE INCLUDED IN TH

- 3. ALL EQUIPMENT AND MATERIALS SHALL BE N
- 4. ALL PENETRATIONS OF FIRE WALLS SHALL BE
- 5. THE CONTRACTOR SHALL VERIFY WIRE AND FU AND INSTALLING BRANCH CIRCUITS.

6. THE ELECTRICAL CONTRACTOR SHALL COORDIN INTERFERENCES OR CONFLICTS SHALL BE REPOR QUESTION.

7. THE ELECTRICAL CONTRACTOR SHALL CONNEC CONTRACTORS. THE ELECTRICAL CONTRACTOR S DISCONNECTS, OR OVERCURRENT PROTECTION AH

8. RACEWAYS ARE SHOWN SCHEMATICALLY AND PARALLEL WITH BUILDING LINES. THEY SHALL B

9. ALL RACEWAYS, EQUIPMENT, ETC., ABOVE A S BLOCK ANY TILE OR FIXTURE ACCESS.

10. THE MINIMUM ALLOWABLE SIZE FOR ANY CON A SWITCHLEG SHALL BE DEFINED AS THE RUN O

- 11. FULL WEIGHT GALVANIZED RIGID STEEL COND
- A. ON THE EXTERIOR OF THE BUILDING OR ROC
- B. VERTICAL DROPS WHERE THE CONDUIT CANN STRUCTURES,
- C. WHERE SUBJECT TO MECHANICAL DAMAGE. 12. ALL WIRE AND CABLE SHALL BE COPPER AN

13. THE MINIMUM WIRE SIZE SHALL BE #12 AWG I CONDUCTORS UNLESS OTHERWISE NOTED. 14. ALL METAL RACEWAY SYSTEMS SHALL BE MA

METHOD. AN INSULATED COPPER GROUNDING C GREEN GROUND CONDUCTOR SHALL BE CONNECT

15. THE ELECTRICAL CONTRACTOR SHALL COORD TO PURCHASE AND INSTALLATION OF BRANCH C RESIZED ACCORDINGLY.

16. LIGHT FIXTURES FOR INSTALLATION IN A SUS MANNER TO PREVENT FIXTURES FROM FALLING. FIXTURES.

17. CONNECTIONS TO FIXTURES INSTALLED IN SU BE LIFTED OUT OF THE GRID AND MOVED TO AN

18. BREAKERS SUPPLYING HVAC OR REFRIGERAT

19. 3/4" CONDUIT IS MINIMUM ALLOWABLE SIZE NATIÓNAL ELECTRIC CODE. 20. ALL CONDUCTORS TO BE INSTALLED IN COND THROAT.

21. NOT USED

22. DATA, SECURITY, THEATRICAL, AND VIDEO SI CONTRACTOR AS SHOWN ON DRAWINGS. 23. NOT USED

24. NO. 10 AWG CONDUCTORS SHALL BE USED 20 AMP BRANCH CIRCUIT WIRING SHALL BE NO. 25. CONDUCTORS SHALL BE CONTINUOUS FROM BOXES, TROUGHS, OR GUTTERS.

26. MAKE CONDUCTOR LENGTHS FOR PARALLEL 27. INSTALL TELEPHONE OUTLETS WITH 3/4" EM 28. ALL CONDUIT WITHOUT CONDUCTORS SHALL 29. THE CONTRACTOR SHALL MAKE A COMPLETE ANY CONFLICTS THAT ARE NOTED WITH THE EN 30. THE CONTRACTOR SHALL BE RESPONSIBLE ELECTRIC UTILITY CONNECTION FEES AND LINE 31. ELECTRICAL CONNECTIONS TO EQUIPMENT SI

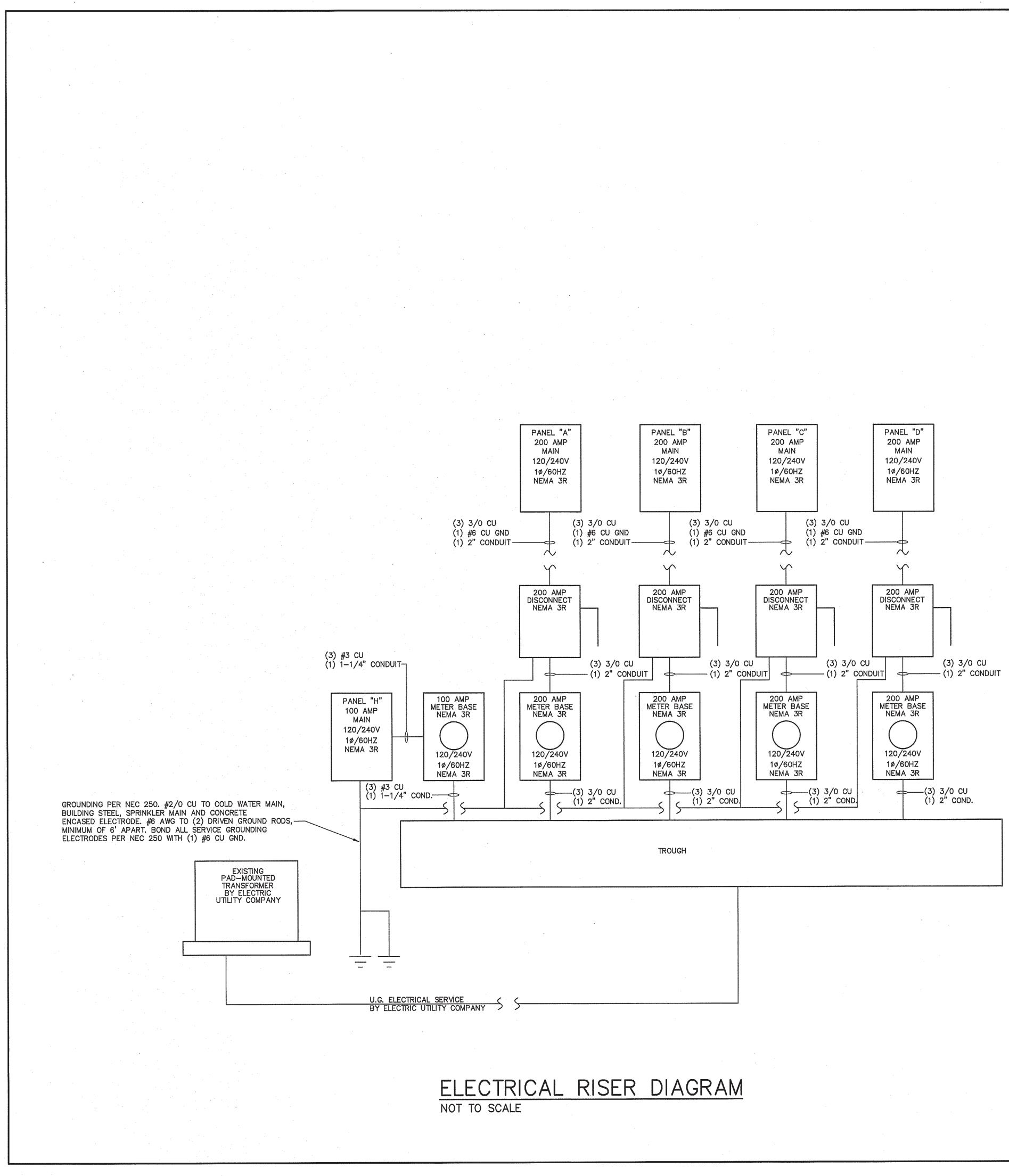
SYSTEM WITH SHORT LENGTHS OF FLEXIBLE "LIQ 32. ALL WIRE TERMINATIONS AND EQUIPMENT TO BE RATED FOR 75" C MINIMUM. 33. ELECTRICAL CONTRACTOR TO MAINTAIN 2' OF SEPARATION ON RECEPTACLES ON OPPOSITE SIDES OF ANY FIRE RATED WALL PER 2017 N.E.C. 300.21. 34. WIRING TO DISCONNECT SWITCH AND DISCONNECT SWITCH SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR. WIRING FROM THE

DISCONNECT TO THE EQUIPMENT SHALL BE BY THE MECHANICAL CONTRACTOR.

FEEDER SCHEDULE									
FEEDERS	FUSED DISCONNECT	CONDUIT							
(2)#6CU,(1)#8CU GND	60	3/4"							
(2)#10CU,(1)#12CU GND	60	3/4"							
(2)#10CU,1#10CU GND	60	3/4"							
	FEEDERS (2)#6CU,(1)#8CU GND (2)#10CU,(1)#12CU GND	FEEDERS FUSED DISCONNECT (2)#6CU,(1)#8CU GND 60 (2)#10CU,(1)#12CU GND 60							

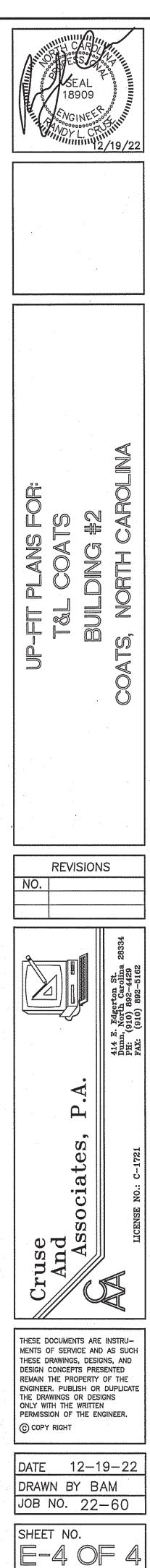
ATERIALS, AND WORKMANSHIP SHALL, AS A MINIMUM, BE IN ACCORDANCE WITH THE REQUIREMENTS SUPATIONAL SAFETY AND HEALTH ACT (OSHA), ALL APPLICABLE FEDERAL, STATE, COUNTY, AND JLINGS OF THE INSPECTION AUTHORITIES HAVING JURISDICTION. ALL FEES, PERMITS, ETC., BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.	
RK TO BE INSTALLED, BUT DO NOT SHOW ALL BENDS, BOXES, FITTINGS, AND SPECIALTIES WHICH ON. ALL SUCH ITEMS REQUIRED TO COMPLETE THE INSTALLATION ACCORDING TO INDUSTRY HE BID.	
EW AND LISTED AND LABELED BY UNDERWRITERS LABORATORIES, INC.	
SEALED WITH APPROVED SEALING MATERIALS TO MAINTAIN THE FIRE RATING OF THE WALLS.	
USE/CIRCUIT BREAKER SIZING FOR ALL MECHANICAL EQUIPMENT PRIOR TO PURCHASING MATERIALS	
NATE ALL WORK WITH OTHER TRADES TO AVOID INTERFERENCES AND CONFLICTS. APPARENT TED TO THE PRIME CONTRACTOR AND RESOLVED PRIOR TO PROCEEDING WITH THE WORK IN	
CT BRANCH CIRCUITS TO THE MAIN LINE TERMINALS OF EQUIPMENT FURNISHED BY OTHER SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ANY NECESSARY SWITCHES, HEAD OF SUCH EQUIPMENT.	
MAY BE REROUTED IN THE FIELD. THEY SHALL BE INSTALLED AT RIGHT ANGLES TO OR BE RUN CONCEALED WITHIN WALLS OR BUILDING STRUCTURES WHEREVER POSSIBLE.	
SUSPENDED CEILING SHALL BE MOUNTED A MINIMUM OF 18" ABOVE THE CEILING SO AS NOT TO	
NDUIT, IMC, OR EMT SHALL BE 1/2" AND MAY BE USED FOR 2#12 WIRE SWITCHLEGS ONLY. OF CONDUIT FROM THE SWITCH OUTLET BOX TO THE FIRST OUTLET BEING SWITCHED. DUIT SHALL BE USED IN THE FOLLOWING AREAS:	
OF,	
NOT BE ANCHORED TO WALLS OR OTHER SUPPORT	
ND HAVE 600 VOLT THHN-THWN INSULATION. ALUMINUM WIRING SHALL NOT BE PERMITTED.	
EXCEPT FOR CONTROL WIRING, WHICH MAY BE #14 AWG. CONTROL WIRING SHALL USE STRANDED	
ADE ELECTRICALLY CONTINUOUS. THE RACEWAY SYSTEM SHALL NOT BE THE SOLE GROUNDING CONDUCTOR SHALL BE INSTALLED FOR ALL FEEDERS AND BRANCH CIRCUITS. AT RECEPTACLES, A TED TO THE GROUND TERMINAL OF THE RECEPTACLE.	
DINATE FUSE AND DISCONNECT SWITCH SIZES WITH THE MECHANICAL EQUIPMENT SUPPLIER PRIOR DIRCUIT EQUIPMENT. IF EQUIPMENT SIZING CHANGES FROM DESIGN SIZES, CIRCUITS SHALL BE	
SPENDED CEILING SHALL BE SECURELY FASTENED TO THE CEILING SUSPENSION SYSTEM IN A IN ADDITION, 16 GAGE WIRE HANGERS SHALL BE FASTENED TO THE FOUR CORNERS OF THE	
USPENDED CEILINGS SHALL BE MADE WITH FLEXIBLE METAL CONDUIT TO ALLOW THE FIXTURE TO N ADJACENT GRID LOCATION.	
TION EQUIPMENT SHALL BE HACR TYPE.	
EXCEPT AS INDICATED IN #10. CONDUIT FILL NOT TO EXCEED 40% AS PERMITTED BY THE	
IDUIT (EXCEPT WHERE ROMEX IS INSTALLED). EMT FITTINGS TO BE COMPRESSION TYPE, INSULATED	
SYSTEMS TO BE PROVIDED BY OWNER. ROUGH-IN OF OUTLETS AND CONDUIT WILL BE BY	
FOR 20 AMP BRANCH CIRCUIT HOME RUNS EXCEEDING 50 FT. TO THE JUNCTION POINT. . 10 AWG THROUGHOUT IF THE CIRCUIT IS LONGER THAN 100 FEET TOTAL LENGTH.	
OUTLET TO OUTLET. SPLICES WILL NOT BE MADE EXCEPT WITHIN ACCESSIBLE OUTLET OR JUNCTION	
L CIRCUITS EQUAL.	
MPTY CONDUIT AND PULL CORD. STUB OUT ABOVE CEILING. PHONE SYSTEM INSTALLED BY OWNER.	
HAVE NYLON PULLCORDS INSTALLED.	
TE REVIEW OF THE PLANS, SCHEDULES, AND DETAILS PRIOR TO INSTALLATION, AND REVIEW	
FOR ALL FEES FOR PERMITS AND INSPECTIONS. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR EXTENSION FEES.	
SUBJECT TO VIBRATION WHICH DEVELOPS OBJECTIONABLE NOISES SHALL BE MADE FROM THE CONDUIT QUID-TITE" CONDUIT.	

LICENSE NO.: C-1721 LICENSE N	A STATE OF CONCORDED ON CONCORD	SE 189 SE ANOY I	ARD ARD AL 009 NEEL CRU 2	4.111 × 0000000000, 111 19/22
NO. NO. Cruse Cruse Associates, P.A. Associates, P.A. Hese documents are instru- ments of service and as such these drawings, designs, and design concepts presented these drawings, designs, and design concepts presented these of previous of the the regimerer, publichter, and the concepts of the the regimerer, project of the emain the property of the ema	UP-FIT PLANS FOR:	T&L COATS	BUILDING #2	COATS, NORTH CAROLINA
THESE DOCUMENTS ARE INSTRU- MENTS OF SERVICE AND AS SUCH 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.	NO.	REVI	SION	S
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.				414 E. Edgerton St. Dunn, North Carolina 28334 PH: (910) 892–4429 FAX: (910) 892–5162
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.	2	An	Associates, P.A.	
1	MENTS THESE DESIGN REMAIN ENGINI THE D ONLY PERMI	OF SER DRAWING N CONCER N THE PR EER. PUB RAWINGS WITH THE SSION OF	VICE AND S, DESIG PTS PRES ROPERTY LISH OR OR DESI WRITTEN THE EN	AS SUCH NS, AND EENTED OF THE DUPLICATE GNS



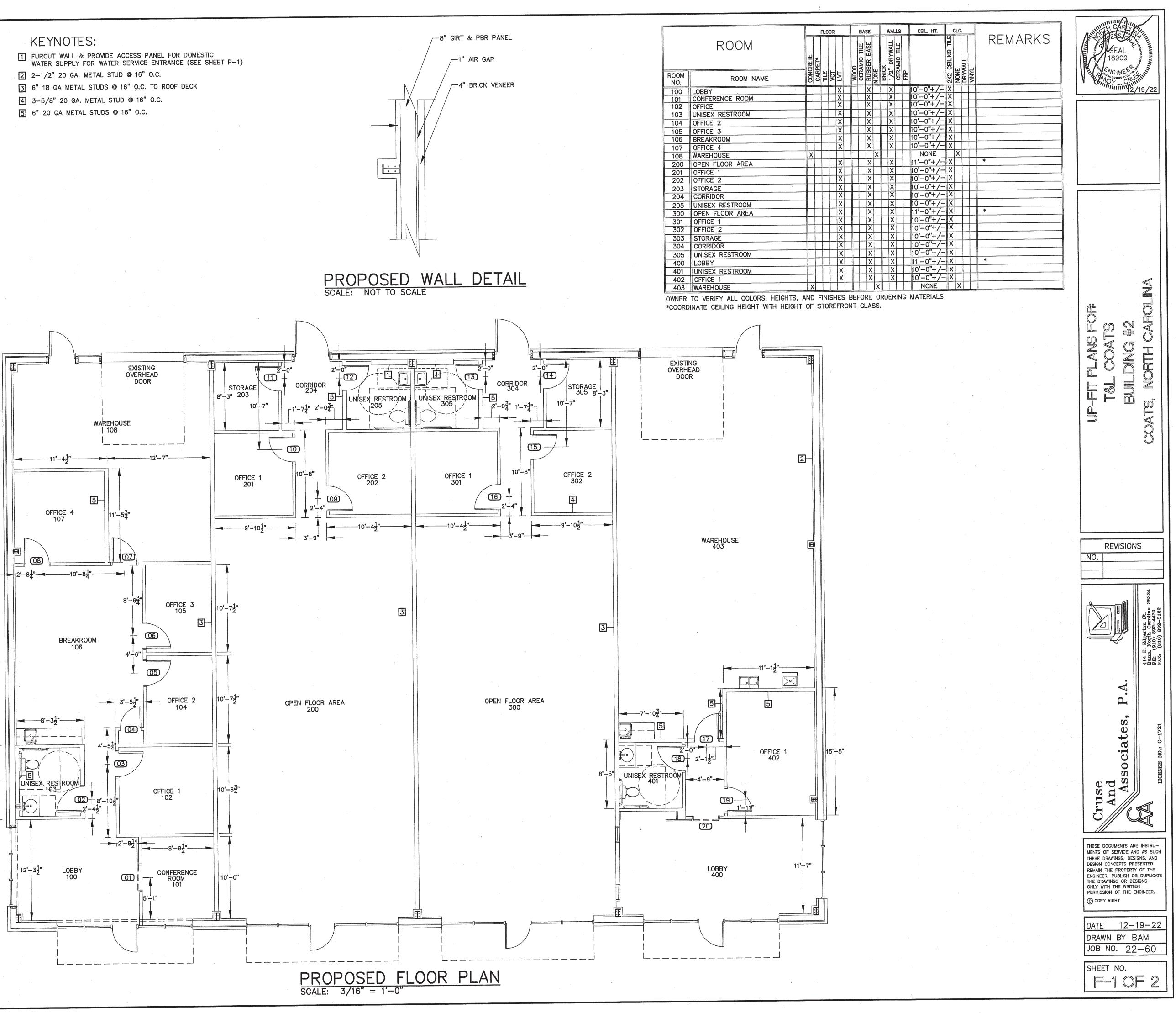
						HOUS	E P/	ANE			-			
			PANEL: H SCHEDULE: MANUFACTURER: SQ. D NO. OF SPACES 30									0		
			VOLTS: 120/240 AMPS: 100 TYPE: NOOD MOUNTING: SURFACE											
			ENCLOSURE: <u>NEMA 3R</u> ϕ : <u>1</u> SHORT CIRCUIT RATING: <u>22K</u>											
1									·	[]				
			CIRCUIT	S			PH	ASE			S			
	L1	L2	SCI	POLES	TRIP	ASSIGNMENT	-	L2	ASSIGNMENT	TRIP	POLES	CIRCUIT	L1	L2
			CIF	ď		KOOFORMERT			ASSIGNMENT		ď	G		•
	7.0	\ge	1	1	20	FRONT & LEFT EXT. LIGHTING	0		SPARE	20	1	2	Х	\geq
	\ge	2.0	3	1	20	BUILDING SIGN		0	REAR & RIGHT EXT. LIGHTING	20	1	4	\geq	7.0
	Х	\ge	5	1	20	SPARE			SPARE	20	1	6	Х	\geq
	\ge	Х	7	1	20	SPARE		0	SPARE	20	1	-8	\geq	X
	Х	\ge	9	1	20	SPARE			SPARE	20	1	10	Х	\geq
	\ge	Х	11	1	20	SPARE		0	SPARE	20	1	12	\ge	Х
	Х	\ge	13	1	20	SPARE	0		SPARE	20	1	14	X	\geq
	\succ	Х	15	1	20	SPARE		0	SPARE	20	1	16	\succ	Х
	Х	\ge	17	1	20	SPARE	0		SPARE	20	1	18	X	\geq
	\ge	Х	19	1	20	SPARE		0	SPARE	20	1	20	\ge	Х
	Х	\succ	21	1	20	SPARE	0		SPARE	20	1	22	Х	\ge
	\ge	X	23	1	20	SPARE		0	SPARE	20	1	24	\ge	Х
	Х	\bowtie	25	1	20	SPARE	0		SPARE	20	1	26	Х	\geq
	\succ	X	27	1	20	SPARE		0	SPARE	20	1	28	\ge	Х
	X	\ge	29	1	20	SPARE	0		SPARE	20	1	30	Х	\ge
						1	1 _	70	A					

L1 = 7.0 AL2 = 9.0 A



		$) \\ \bigcirc ($	DR	SCHEDULE						
DOOR	D	DOR SI	ZE	REMARKS						
NO.	WIDE	HIGH	THICK.							
01	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD SLIDING DOOR						
02	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
03	3'-0"	7 ' -0"	1 3/4" .	INTERIOR WOOD DOOR: HM FRAME						
04	2'-6"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
05	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
<u>(06)</u>	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(OT) -	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
<u>(08)</u>	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
09	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(11)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(12)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(13)	3'-0"	7'0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(14)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(15)	3'-0"	7'0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
16	3'0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(17)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(18)	3'0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(19)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD DOOR: HM FRAME						
(20)	3'-0"	7'-0"	1 3/4"	INTERIOR WOOD SLIDING DOOR						

9'-01

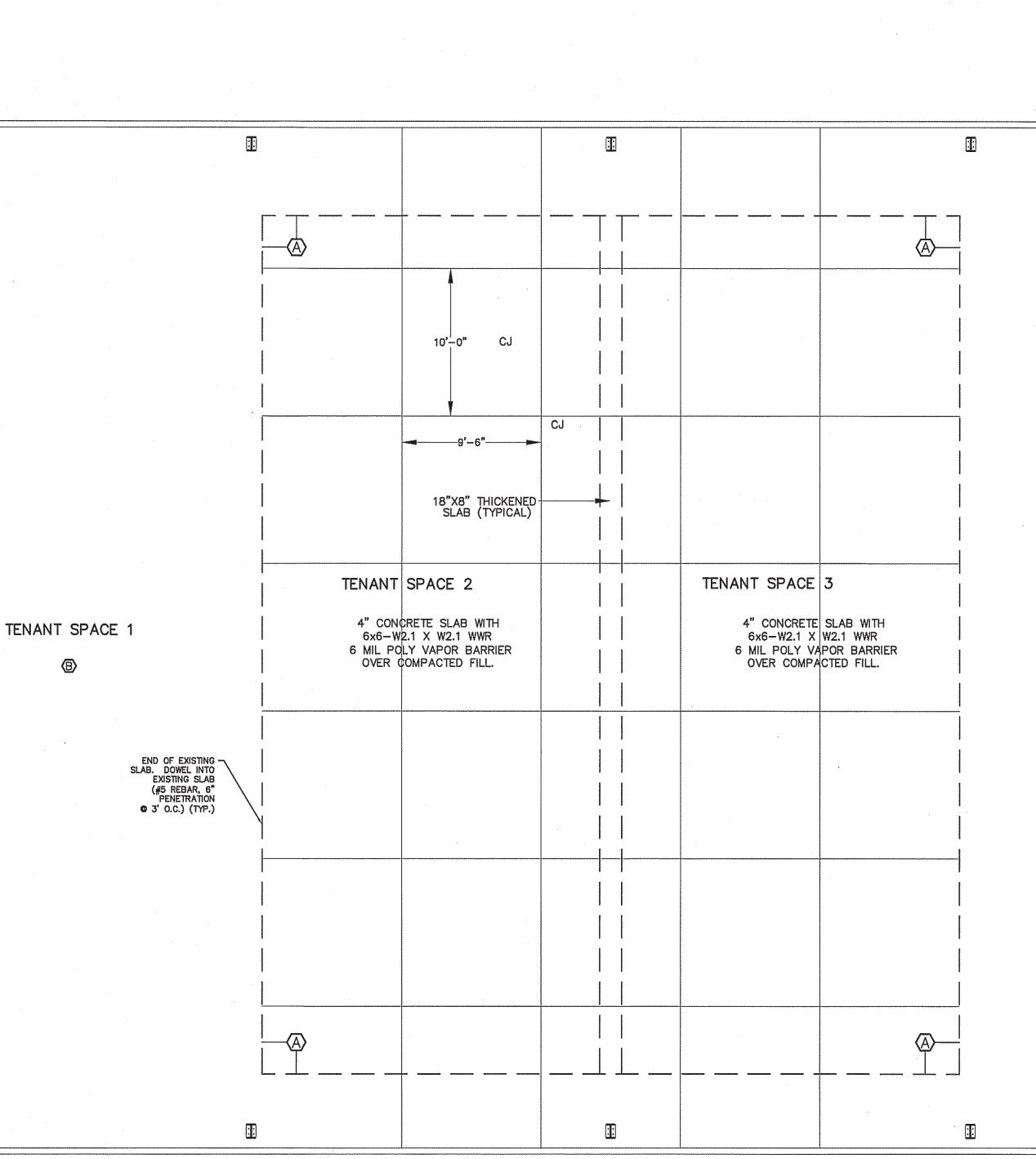


FOUNDATION NOTES: FIELD VERIFY THE SIZE, LOCATIONS, ELEVATIONS, AND DETAILS OF ALL EXISTING CONSTRUCTION AND CONDITIONS THAT AFFECT THE WORK AND INFORM THE ENGINEER OF ANY DISCREPANCIES IN DIMENSION SIZES, LOCATIONS AND CONDITIONS BEFORE PROCEEDING WITH THE WORK. PROVIDE ALL SHORING, SHEETING, UNDERPINNING, 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. 5. CONCRETE SHALL DEVELOP COMPRESSIVE STRENGTHS (F'C) AT 28 DAYS AS FOLLOWS: FOUNDATIONS, WALLS, FOOTING, ETC. 3000 PSI SLABS ON GRADE 3000 PSI 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. . 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. 3. ALL STRUCTURAL FILL INSIDE THE BUILDING SHALL BE SELECTED FILL COMPACTED TO 96% MAXIMUM DENSITY AT OPTIMUM MOISTURE CONTENT (ASTM D-698) . ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING STEEL SHALL CONFORM TO ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES " (ACI-315-80). . PROVIDE CORNER BARS AT ALL FOOTING CORNERS AND STEPS UNLESS OTHERWISE NOTED. BARS SHALL BE A MINIMUM OF 4'-0" LONG AND HAVE THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCING. . WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND A-82. 0. 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. 4. 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. (ini)

KEY NOTES:

A PERIMETER OF NEW CONCRETE SLAB. DOWEL INTO EXISTING SLAB. B EXISTING CONCRETE SLAB & FOOTINGS.

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



B

